

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119064.D
 Acq On : 25 Feb 2020 14:40
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 01:25:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	242476	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	895305	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	503237	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	929486	20.00	ng	0.00
76) Chrysene-d12	13.92	240	675068	20.00	ng	0.00
87) Perylene-d12	15.33	264	639227	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1109225	76.45	ng	0.00
7) Phenol-d6	6.41	99	1369513	77.61	ng	0.00
23) Nitrobenzene-d5	7.33	82	1332186	78.56	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	537899	81.71	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2509308	73.46	ng	0.00
79) Terphenyl-d14	12.86	244	3078344	78.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	233609	36.162	ng	100
3) Pyridine	3.18	79	657344	37.259	ng	99
4) n-Nitrosodimethylamine	3.13	42	214624	40.158	ng	94
6) Aniline	6.42	93	832734	38.245	ng	# 24
8) 2-Chlorophenol	6.55	128	618803	39.519	ng	99
9) Benzaldehyde	6.30	77	403405	34.217	ng	98
10) Phenol	6.42	94	716436	37.552	ng	87
11) bis(2-Chloroethyl)ether	6.50	93	586255	40.161	ng	99
12) 1,3-Dichlorobenzene	6.70	146	727204	38.748	ng	99
13) 1,4-Dichlorobenzene	6.77	146	736496	39.216	ng	98
14) 1,2-Dichlorobenzene	6.93	146	669916	39.113	ng	98
15) Benzyl Alcohol	6.91	79	515877	40.450	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	517644	40.936	ng	78
17) 2-Methylphenol	7.02	107	503636	39.672	ng	94
18) Hexachloroethane	7.27	117	273542	40.712	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	423484	41.186	ng	95
20) 3+4-Methylphenols	7.18	107	590872	37.990	ng	# 75
22) Acetophenone	7.17	105	816274	39.405	ng	99
24) Nitrobenzene	7.35	77	651748	38.868	ng	100
25) Isophorone	7.59	82	1192982	40.511	ng	100
26) 2-Nitrophenol	7.66	139	355259	39.986	ng	94
27) 2,4-Dimethylphenol	7.70	122	474426	39.345	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	761235	39.714	ng	100
29) 2,4-Dichlorophenol	7.90	162	559898	39.443	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	652754	38.784	ng	98
31) Naphthalene	8.06	128	1781543	38.369	ng	98
32) Benzoic acid	7.87	122	383191	44.171	ng	95
33) 4-Chloroaniline	8.11	127	786158	39.365	ng	97
34) Hexachlorobutadiene	8.18	225	417273	39.802	ng	99
35) Caprolactam	8.51	113	178084	40.743	ng	97
36) 4-Chloro-3-methylphenol	8.60	107	583116	40.589	ng	99
37) 2-Methylnaphthalene	8.75	142	1231110	39.399	ng	99
38) 1-Methylnaphthalene	8.85	142	1157223	39.379	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	652460	38.455	ng	99

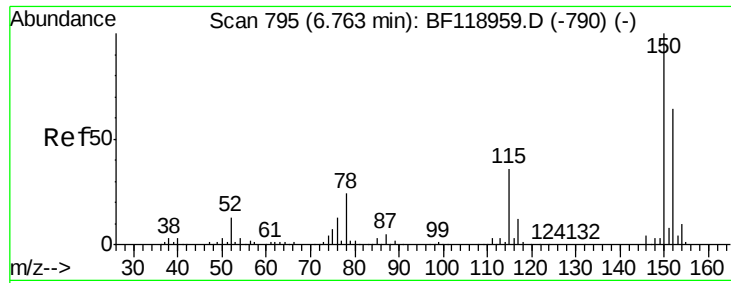
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119064.D
 Acq On : 25 Feb 2020 14:40
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 01:25:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	220372	40.886	nq	96
43) 2,4,6-Trichlorophenol	9.03	196	429092	40.047	nq	99
44) 2,4,5-Trichlorophenol	9.08	196	439635	39.101	nq	# 94
46) 1,1'-Biphenyl	9.22	154	1555445	38.244	nq	98
47) 2-Chloronaphthalene	9.25	162	1259935	38.441	nq	98
48) 2-Nitroaniline	9.34	65	369899	40.463	nq	95
49) Acenaphthylene	9.66	152	1801042	38.047	nq	100
50) Dimethylphthalate	9.52	163	1567489	40.734	nq	99
51) 2,6-Dinitrotoluene	9.59	165	340887	39.872	nq	99
52) Acenaphthene	9.83	154	1095181	38.369	nq	100
53) 3-Nitroaniline	9.76	138	370944	39.137	nq	98
54) 2,4-Dinitrophenol	9.87	184	163936	43.242	nq	94
55) Dibenzofuran	10.00	168	1608923	37.764	nq	96
56) 4-Nitrophenol	9.93	139	210330	36.935	nq	94
57) 2,4-Dinitrotoluene	9.99	165	429364	38.745	nq	# 85
58) Fluorene	10.35	166	1278955	38.632	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	375515	39.581	nq	99
60) Diethylphthalate	10.22	149	1494847	41.221	nq	99
61) 4-Chlorophenyl-phenylether	10.33	204	687255	39.219	nq	99
62) 4-Nitroaniline	10.37	138	382525	39.447	nq	99
63) Azobenzene	10.49	77	1261409	40.018	nq	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	242798	43.168	nq	88
66) n-Nitrosodiphenylamine	10.45	169	1187229	39.009	nq	100
67) 4-Bromophenyl-phenylether	10.82	248	491882	40.486	nq	97
68) Hexachlorobenzene	10.89	284	561224	40.065	nq	99
69) Atrazine	10.98	200	398227	37.450	nq	97
70) Pentachlorophenol	11.09	266	238038	42.185	nq	99
71) Phenanthrene	11.30	178	1922505	37.927	nq	99
72) Anthracene	11.35	178	1948470	38.471	nq	99
73) Carbazole	11.51	167	1740949	38.584	nq	99
74) Di-n-butylphthalate	11.84	149	2295057	42.002	nq	99
75) Fluoranthene	12.49	202	2073885	38.544	nq	99
77) Benzidine	12.60	184	877431	31.960	nq	100
78) Pyrene	12.72	202	2052080	37.856	nq	98
80) Butylbenzylphthalate	13.33	149	999720	43.820	nq	99
81) Benzo(a)anthracene	13.90	228	1791713	38.953	nq	98
82) 3,3'-Dichlorobenzidine	13.86	252	719034	40.258	nq	99
83) Chrysene	13.94	228	1749287	38.167	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1339337	46.468	nq	100
85) Di-n-octyl phthalate	14.50	149	2136414	46.522	nq	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	1604886	36.164	nq	98
88) Benzo(b)fluoranthene	14.93	252	1700945	40.370	nq	99
89) Benzo(k)fluoranthene	14.96	252	1580380	40.474	nq	99
90) Benzo(a)pyrene	15.28	252	1494051	39.289	nq	99
91) Dibenzo(a,h)anthracene	16.76	278	1320257	39.458	nq	98
92) Benzo(g,h,i)perylene	17.17	276	1269191	38.391	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

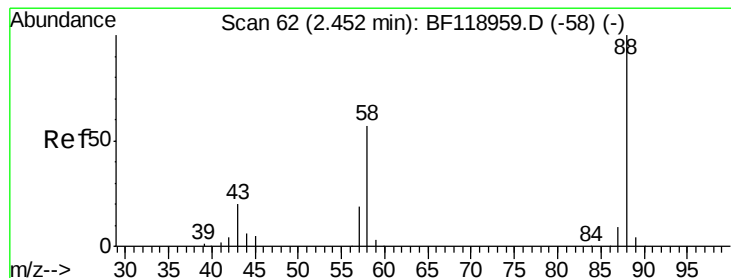
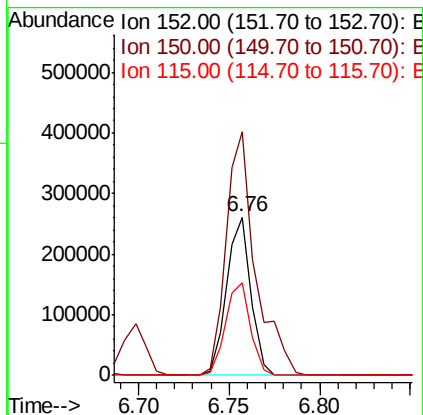
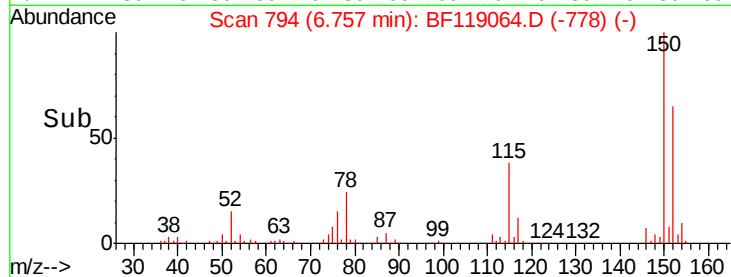
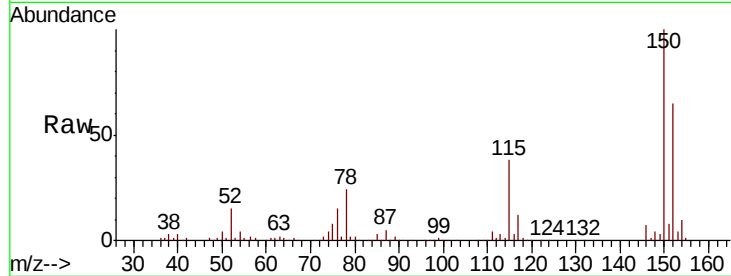


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampled :

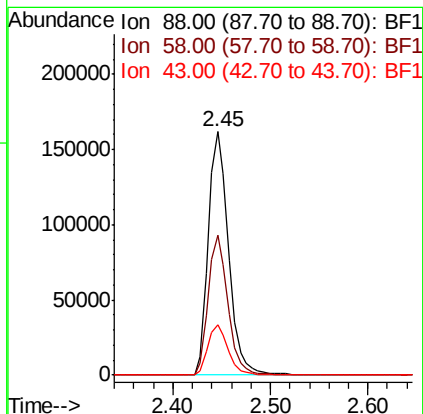
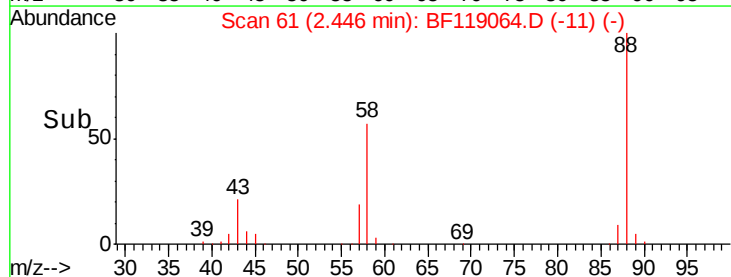
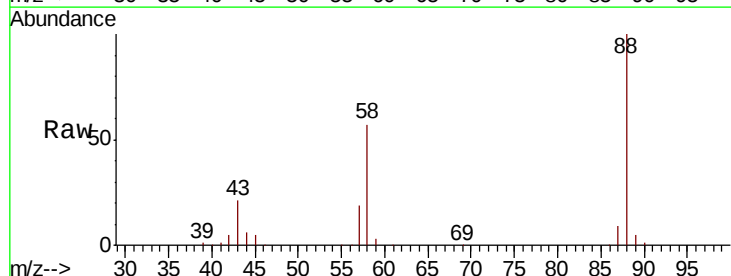
Tot Ion:152 Resp: 242476
Ion Ratio Lower Upper
152 100
150 154.1 124.3 186.5
115 58.5 44.6 67.0

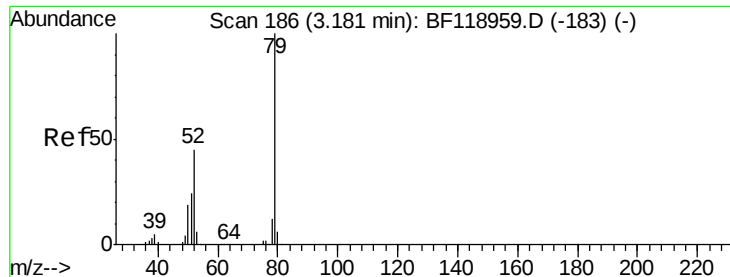


#2

1,4-Dioxane
Concen: 36.162 ng
RT: 2.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion: 88 Resp: 233609
Ion Ratio Lower Upper
88 100
58 55.8 44.6 66.8
43 20.6 16.0 24.0





#3

Pvridine

Concen: 37.259 ng

RT: 3.18 min Scan# 185

Delta R.T. -0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

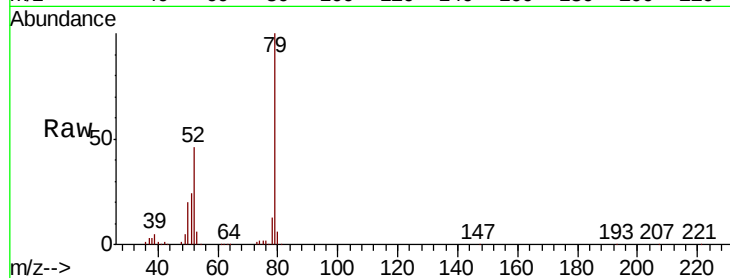
Tot Ion: 79 Resp: 657344

Ion Ratio Lower Upper

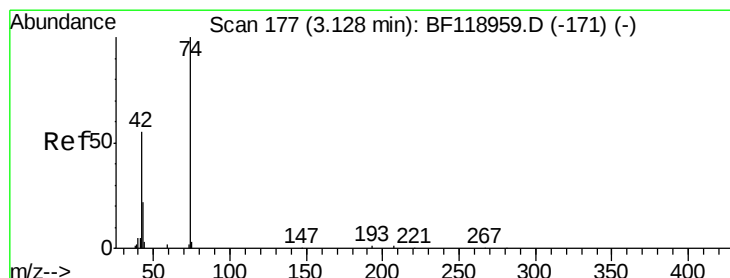
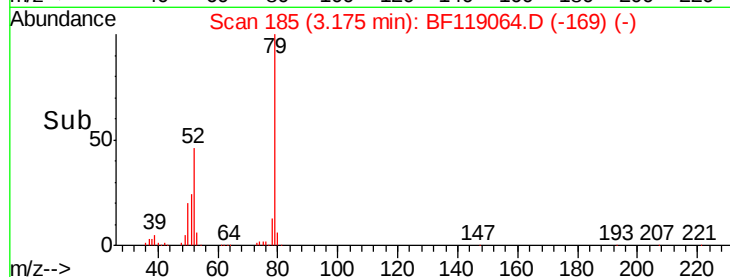
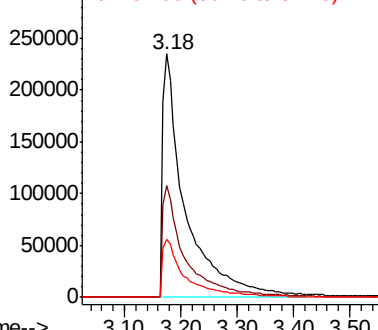
79 100

52 45.7 36.3 54.5

51 23.8 19.5 29.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.158 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

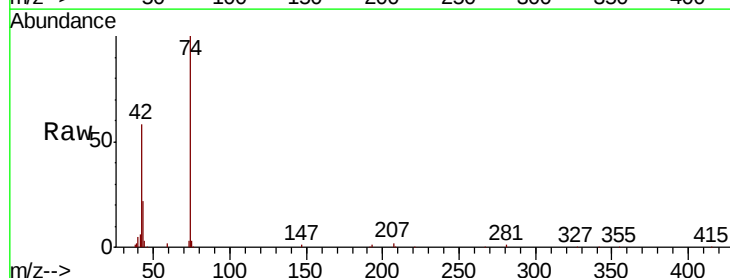
Tgt Ion: 42 Resp: 214624

Ion Ratio Lower Upper

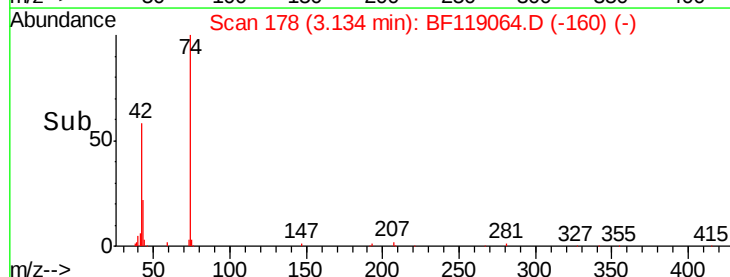
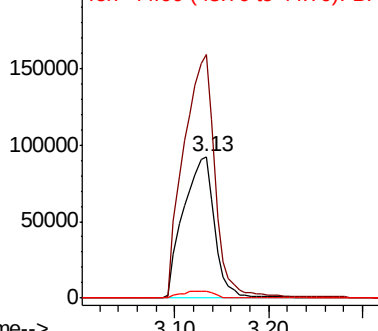
42 100

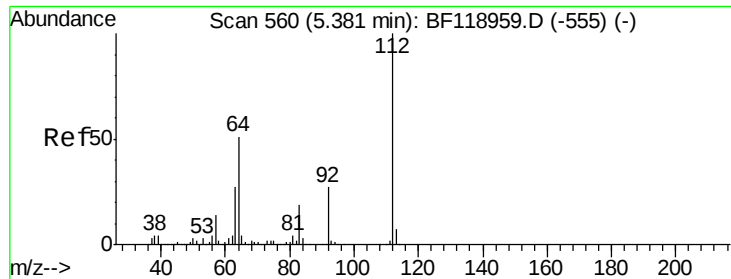
74 172.3 144.4 216.6

44 5.1 4.5 6.7



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.449 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampled :

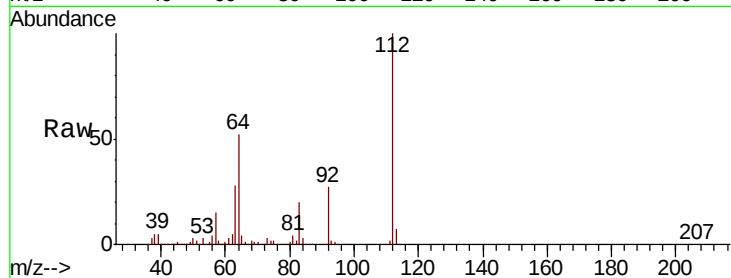
Tot Ion:112 Resp: 1109225

Ion Ratio Lower Upper

112 100

64 52.1 40.4 60.6

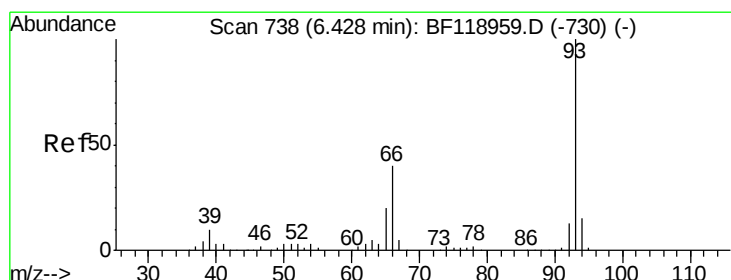
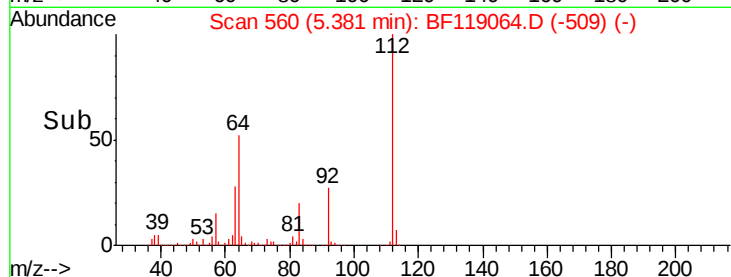
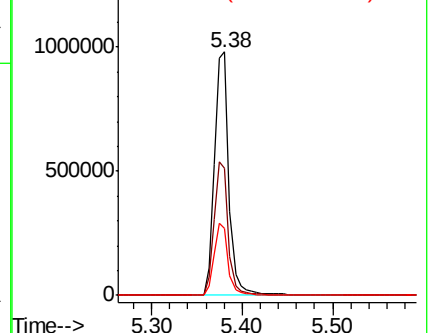
63 27.5 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.245 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

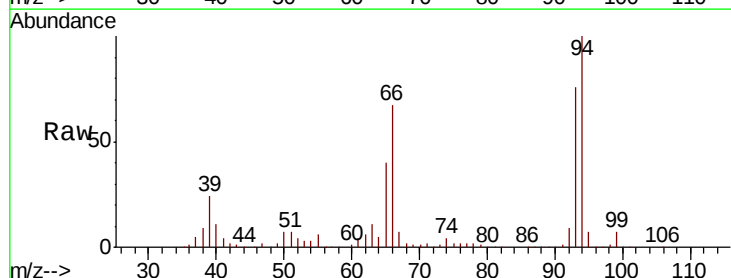
Tgt Ion: 93 Resp: 832734

Ion Ratio Lower Upper

93 100

66 88.7 32.2 48.2#

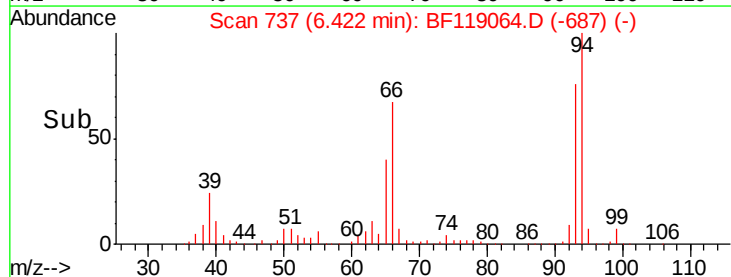
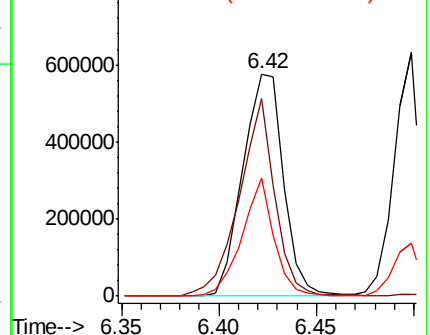
65 53.4 16.1 24.1#

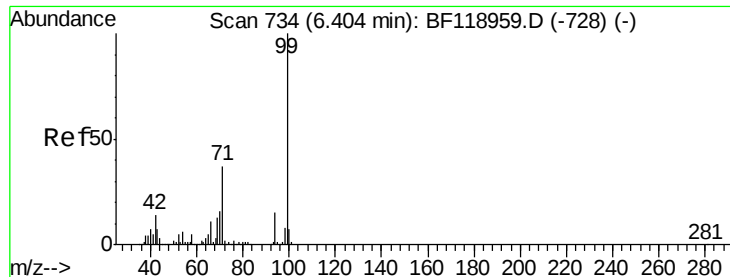


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.611 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampled :

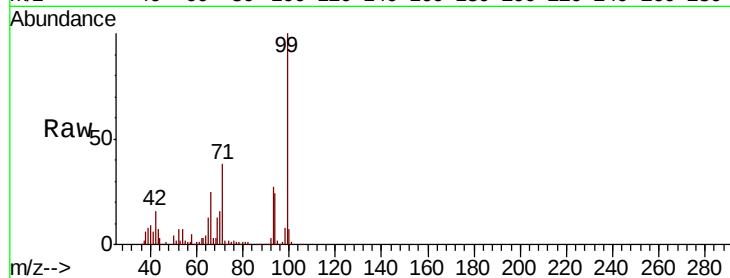
Tot Ion: 99 Resp: 1369513

Ion Ratio Lower Upper

99 100

42 15.6 11.4 17.0

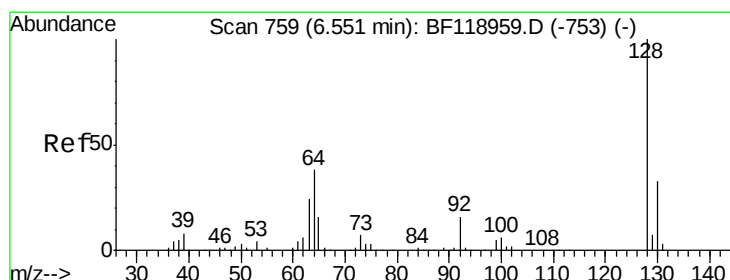
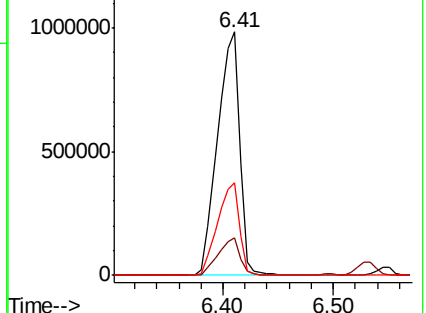
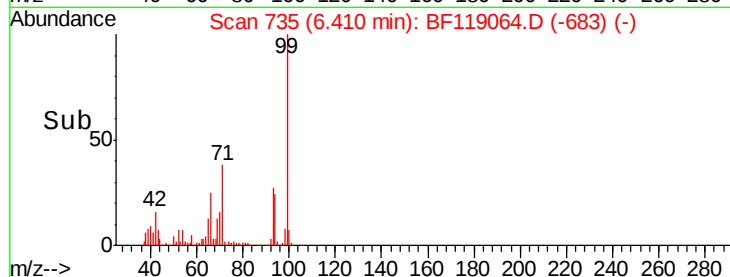
71 38.1 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.519 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

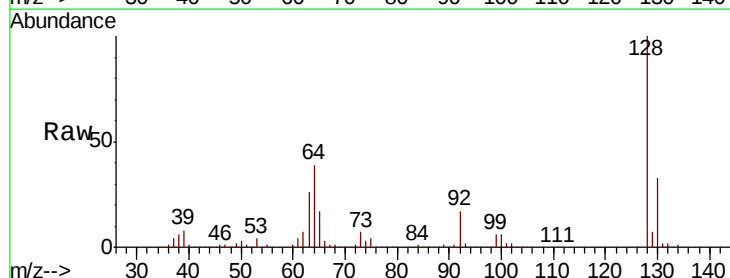
Tgt Ion: 128 Resp: 618803

Ion Ratio Lower Upper

128 100

130 33.1 12.7 52.7

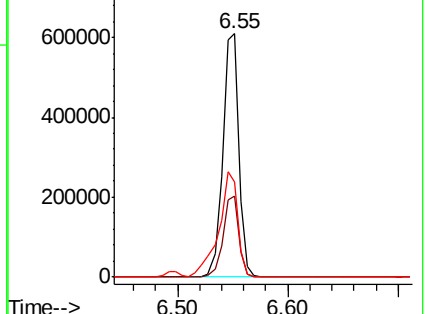
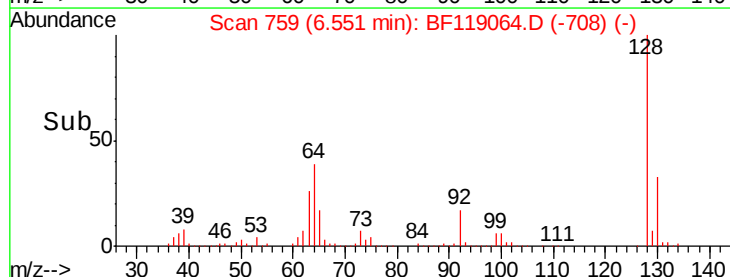
64 39.1 18.7 58.7

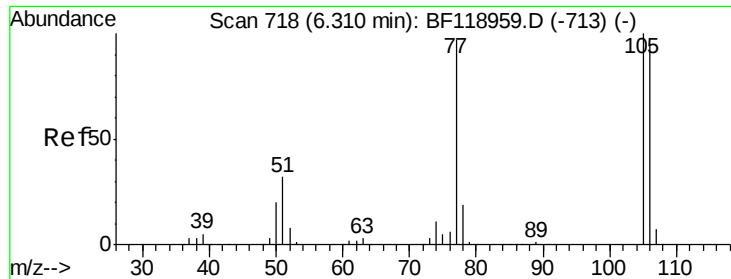


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.217 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

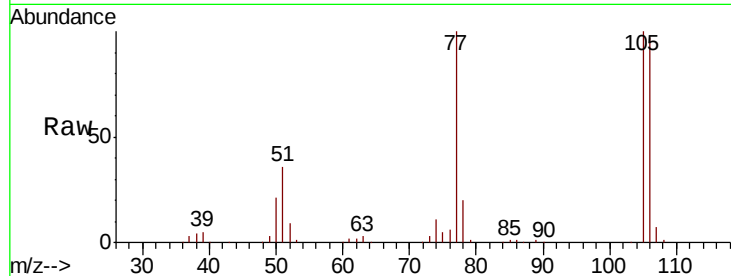
Tot Ion: 77 Resp: 403405

Ion Ratio Lower Upper

77 100

105 99.7 83.0 123.0

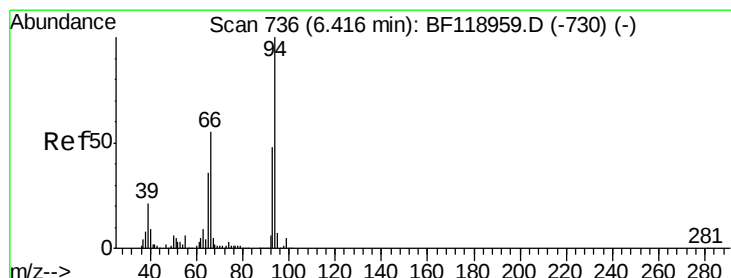
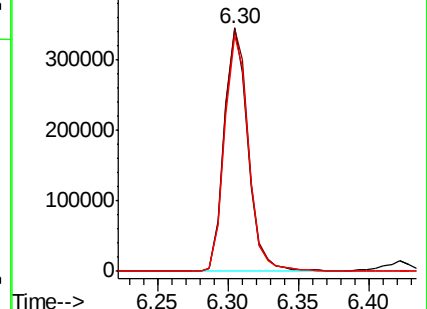
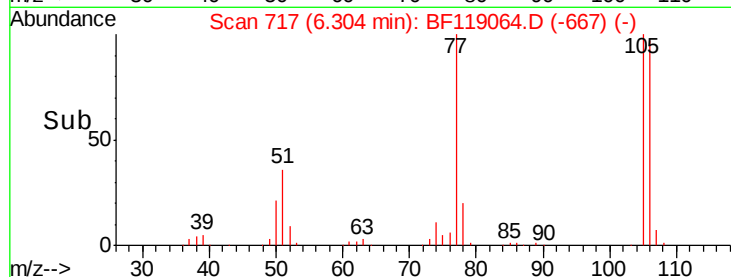
106 96.8 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.552 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

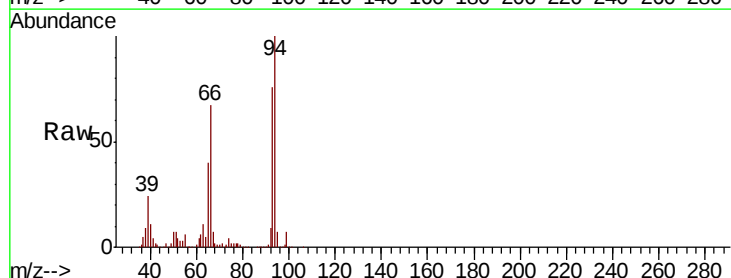
Tgt Ion: 94 Resp: 716436

Ion Ratio Lower Upper

94 100

65 40.3 15.5 55.5

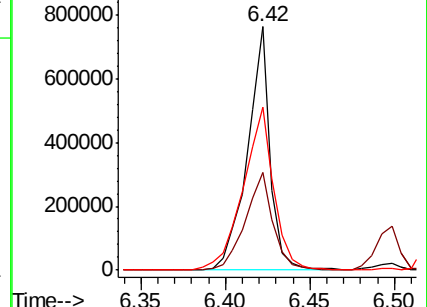
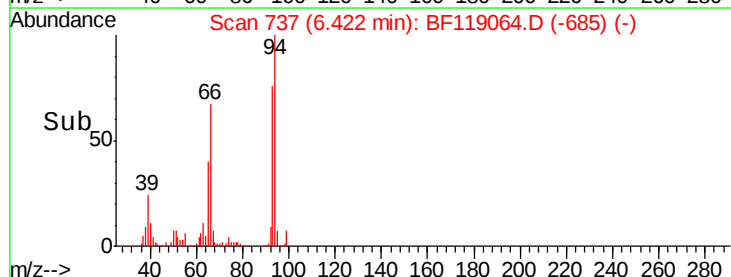
66 67.0 35.6 75.6

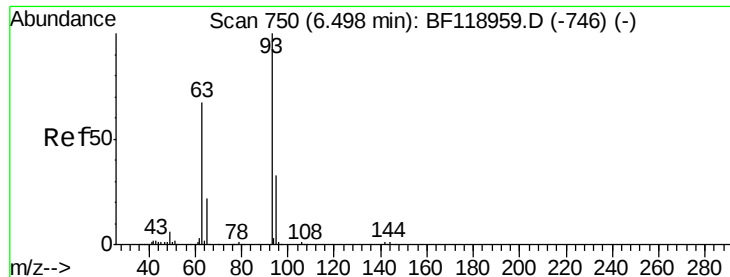


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

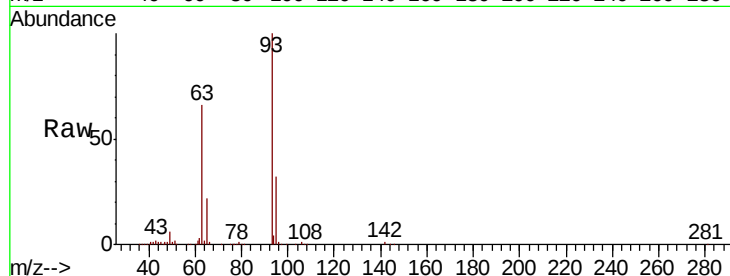




#11
bis(2-Chloroethyl)ether
Concen: 40.161 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.7	46.8	86.8
95	32.4	12.7	52.7

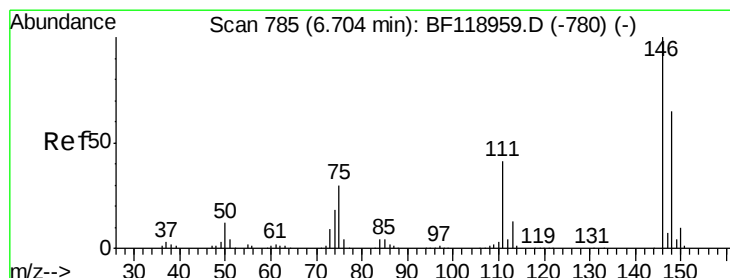
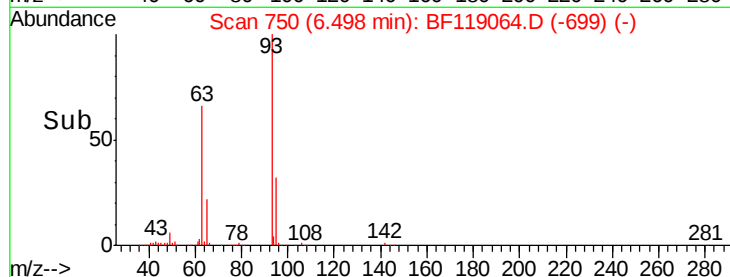
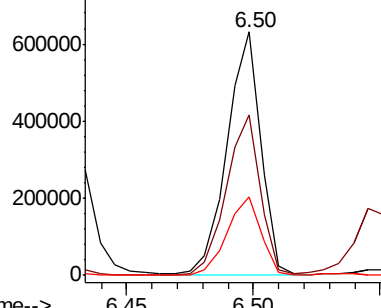


Abundance

Ion 93.00 (92.70 to 93.70): BF1

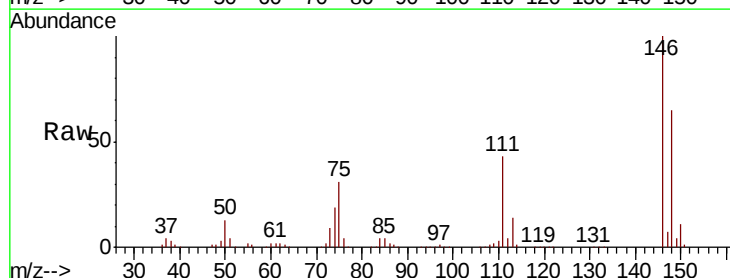
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 38.748 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.7	77.5
75	31.3	23.6	35.4

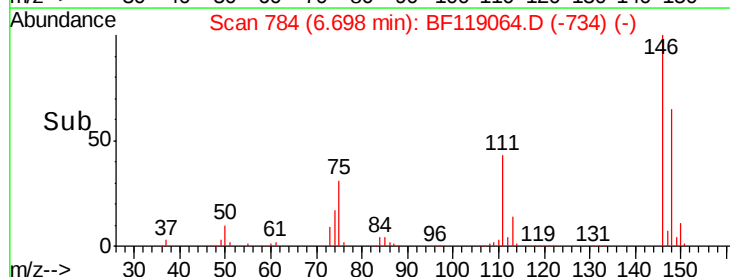
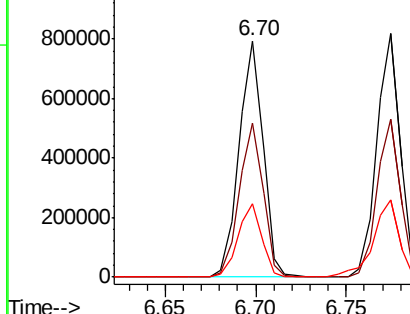


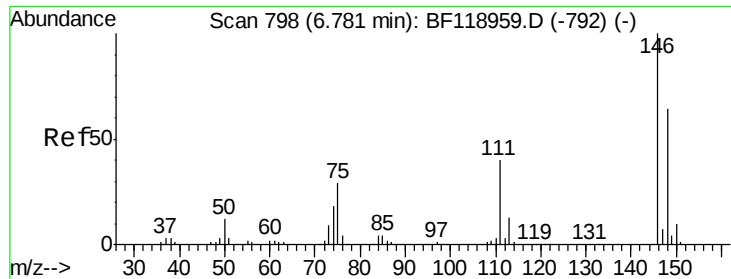
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

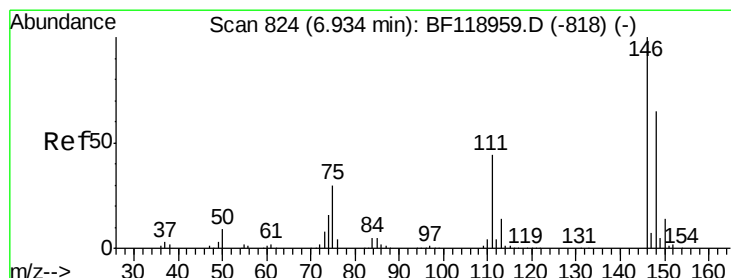
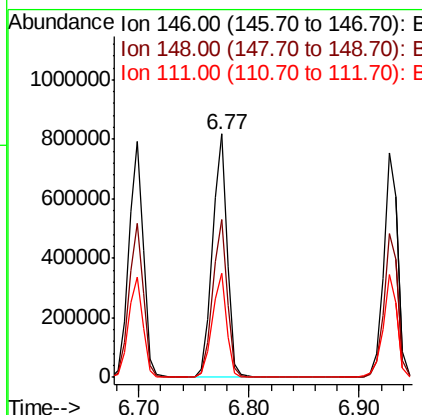
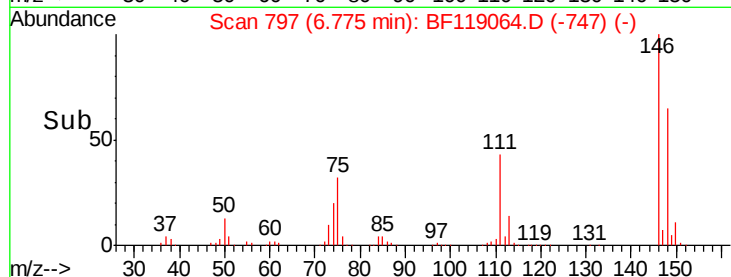
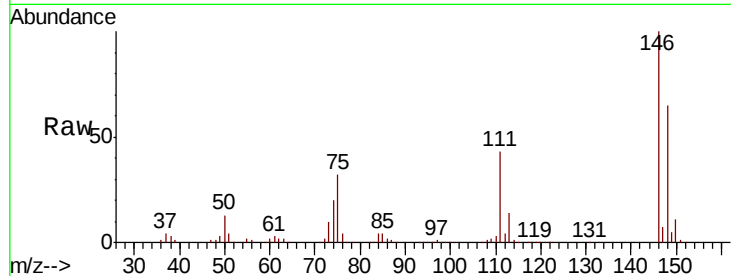




#13
 1,4-Dichlorobenzene
 Concen: 39.216 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

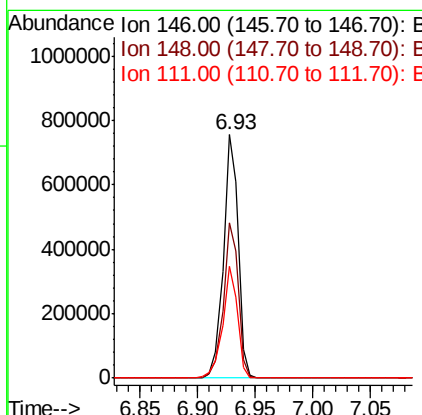
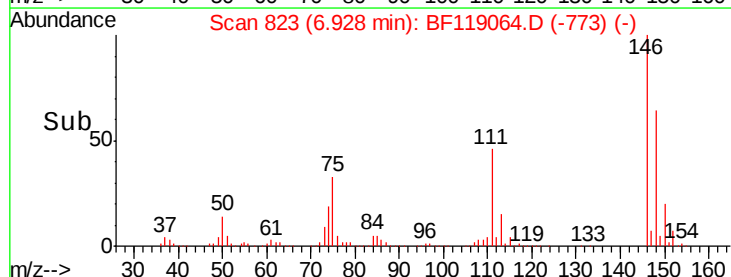
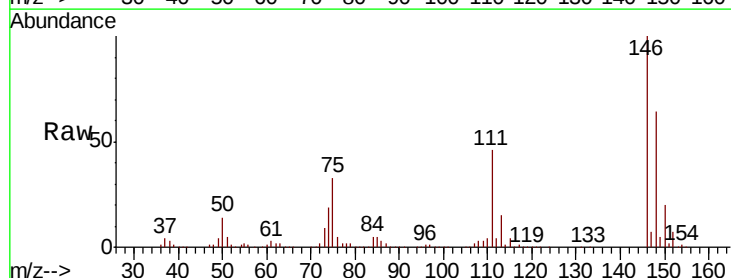
Instrument :
 BNA_F
 ClientSampleId :

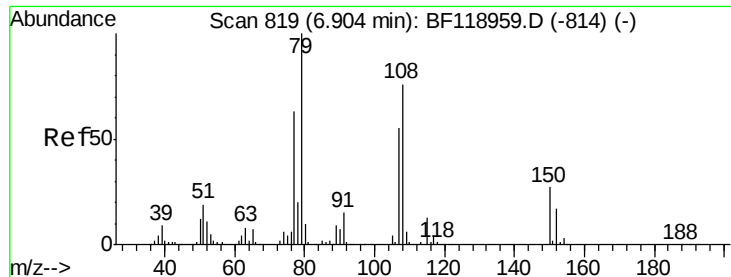
Tot Ion:146 Resp: 736496
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.2
 111 42.8 31.9 47.9



#14
 1,2-Dichlorobenzene
 Concen: 39.113 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

Tgt Ion:146 Resp: 669916
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.1 78.1
 111 45.8 35.5 53.3





#15

Benzyl Alcohol

Concen: 40.450 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampled :

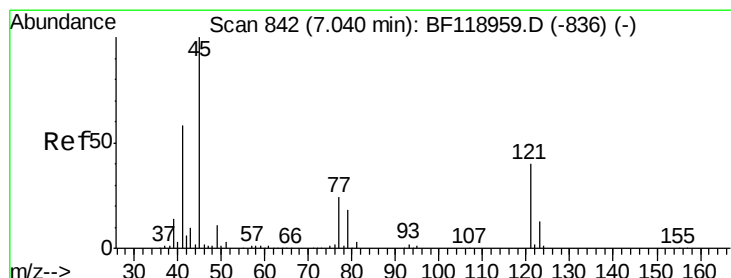
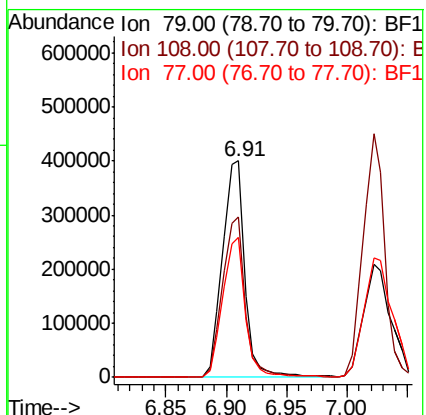
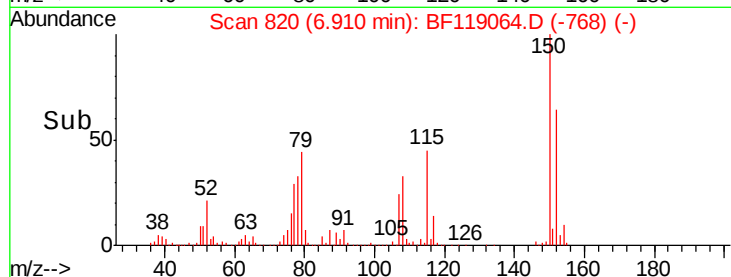
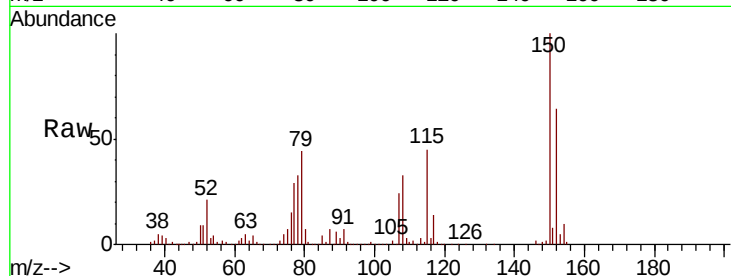
Tot Ion: 79 Resp: 515877

Ion Ratio Lower Upper

79 100

108 74.2 61.1 91.7

77 64.5 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.936 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

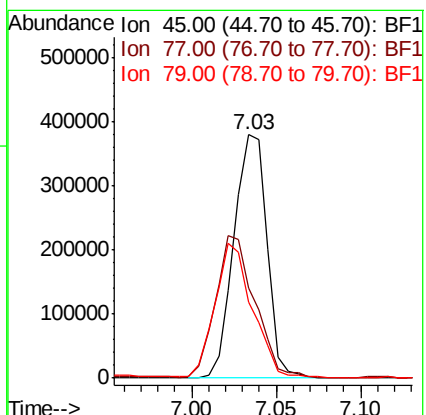
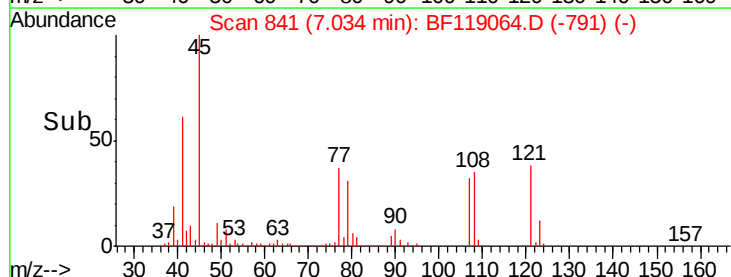
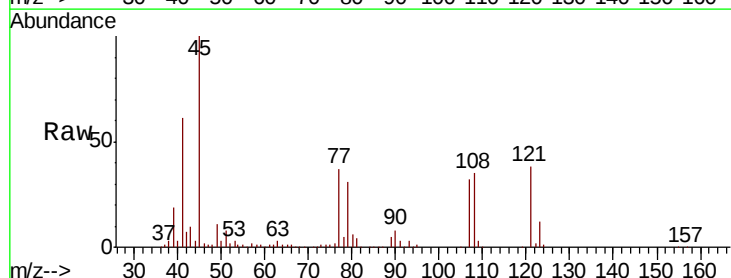
Tgt Ion: 45 Resp: 517644

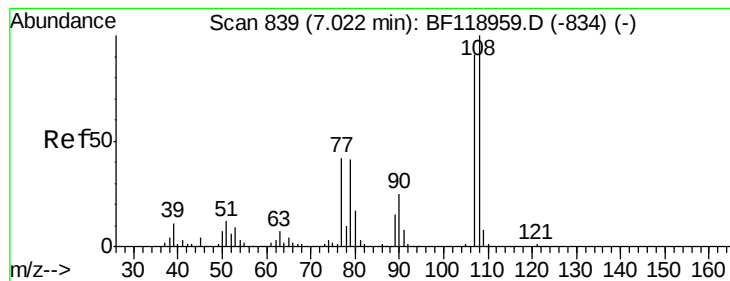
Ion Ratio Lower Upper

45 100

77 37.0 6.1 46.1

79 31.2 0.5 40.5





#17

2-Methylphenol

Concen: 39.672 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 503636

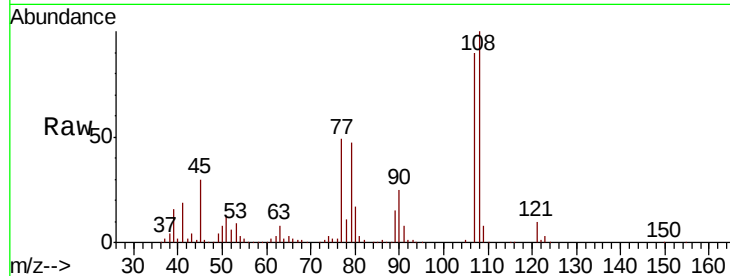
Ion Ratio Lower Upper

107 100

108 111.4 87.7 131.5

77 54.8 36.8 55.2

79 51.9 36.4 54.6

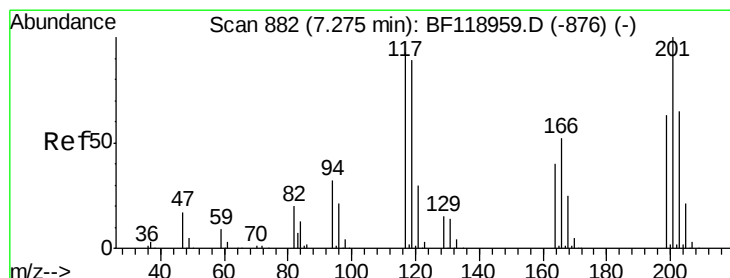
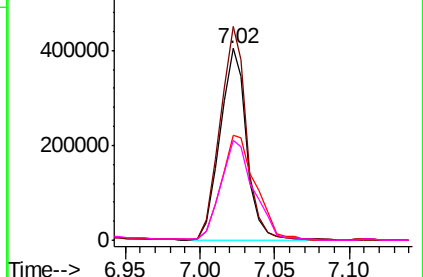
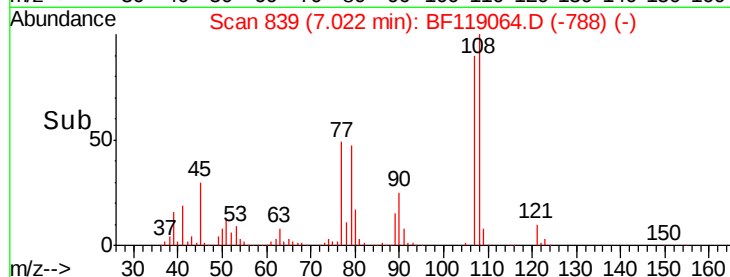


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.712 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

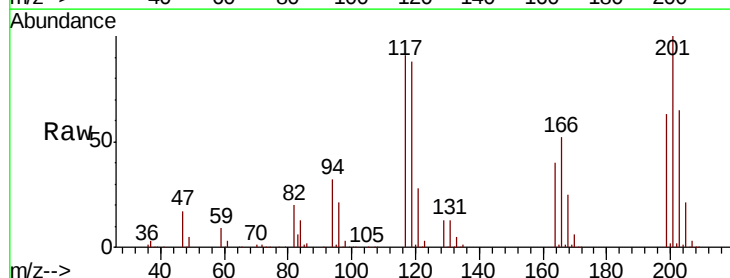
Tgt Ion:117 Resp: 273542

Ion Ratio Lower Upper

117 100

119 96.1 77.0 115.6

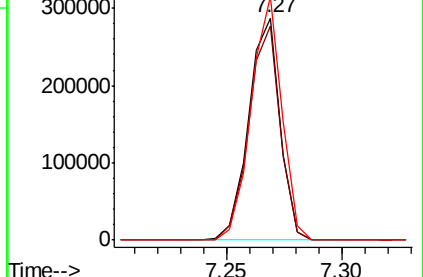
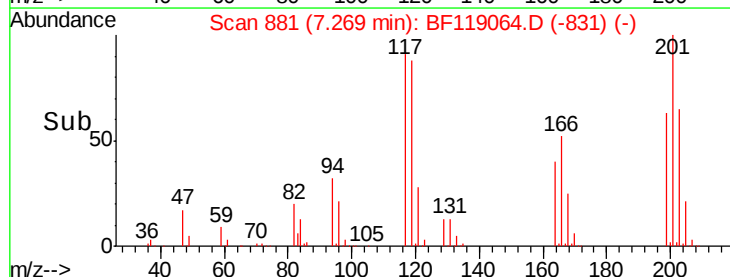
201 109.6 86.4 129.6

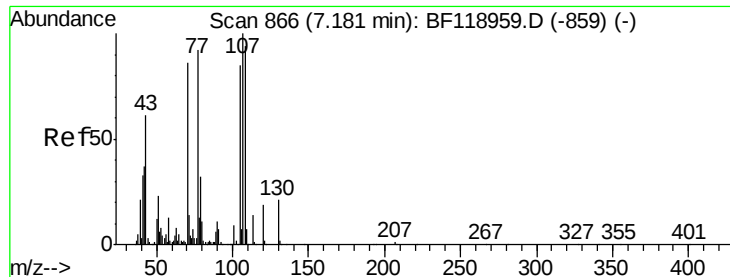


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

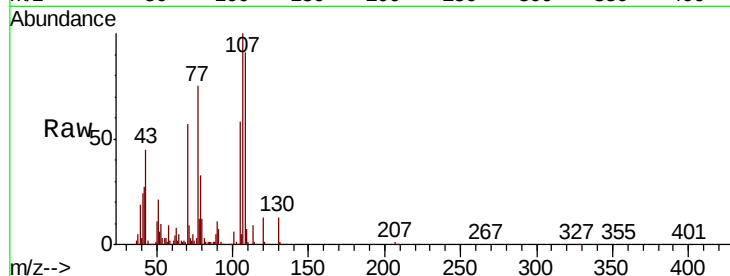




#19
n-Nitroso-di-n-propylamine
Concen: 41.186 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	423484
Ion	Ratio	Lower	Upper
70	100		
42	47.6	34.6	51.8
101	10.4	8.1	12.1
130	23.1	19.4	29.2



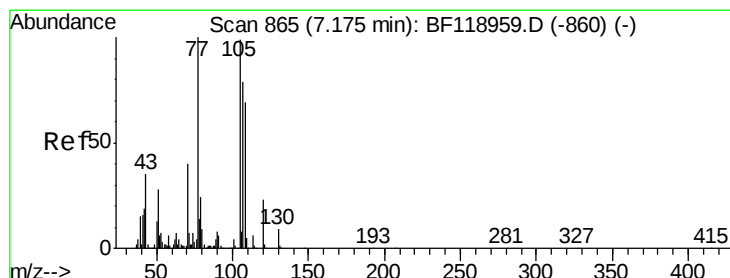
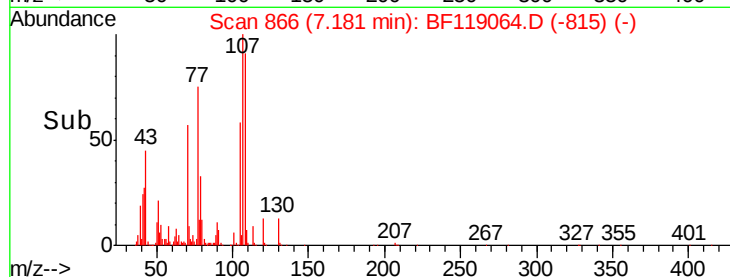
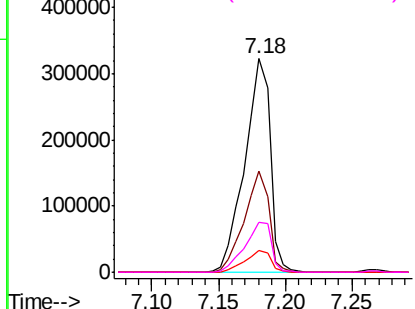
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 37.990 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion:	107	Resp:	590872
Ion	Ratio	Lower	Upper
107	100		
108	90.6	67.0	107.0
77	75.5	106.2	146.2#
79	32.6	10.0	50.0

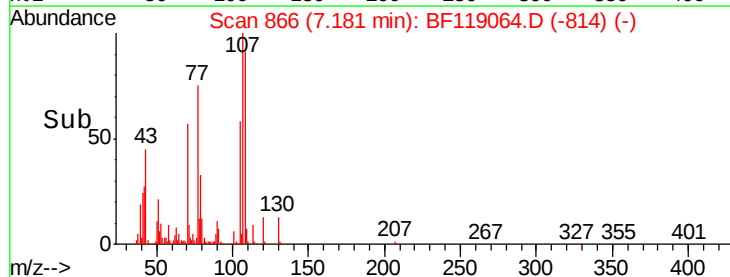
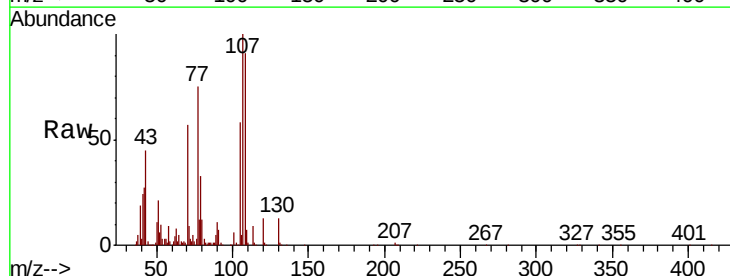
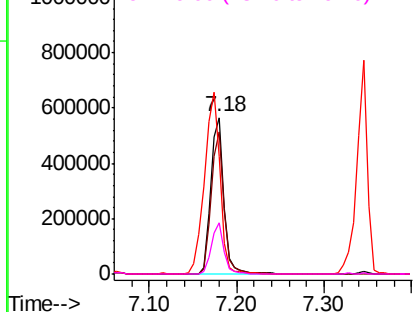
Abundance

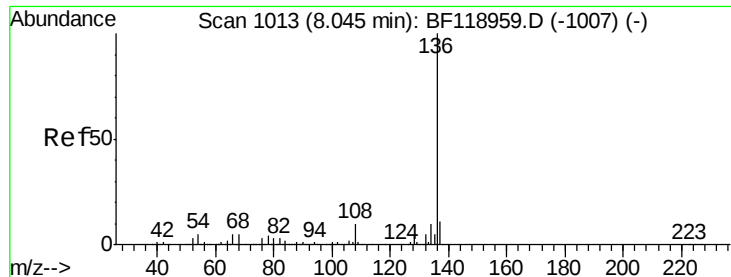
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

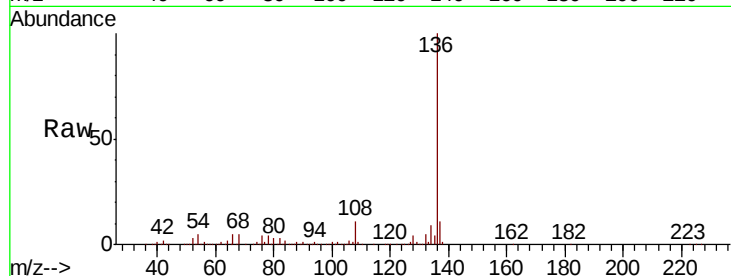




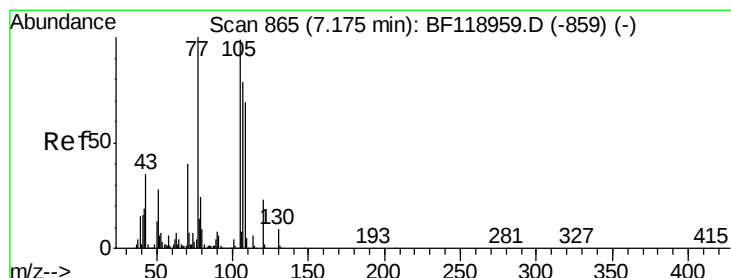
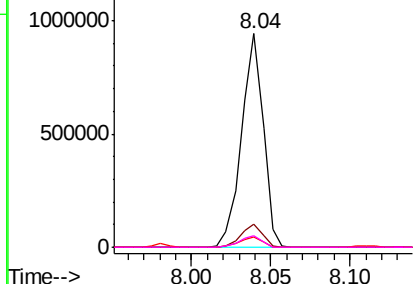
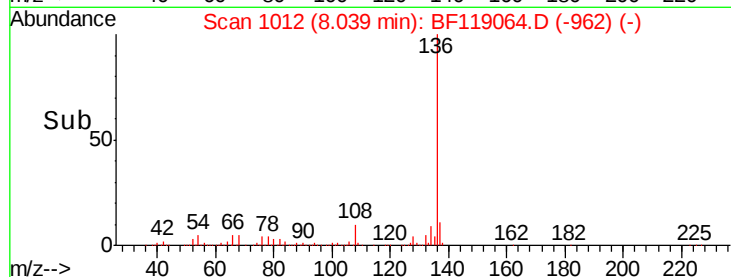
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	895305
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	5.1	3.8 5.6
68	5.2	4.2 6.2

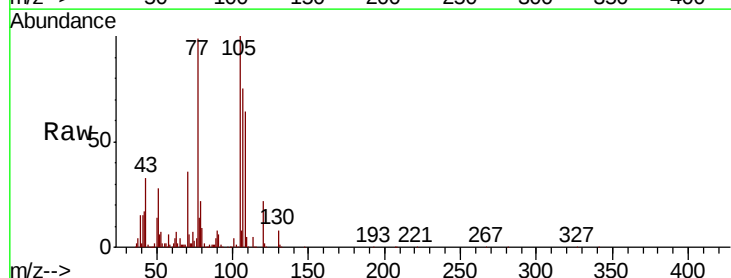


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

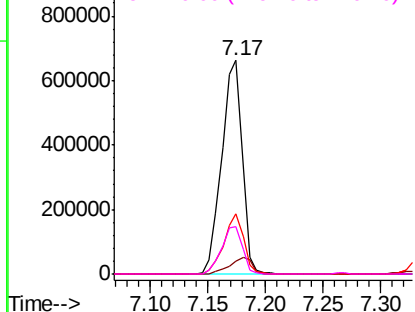
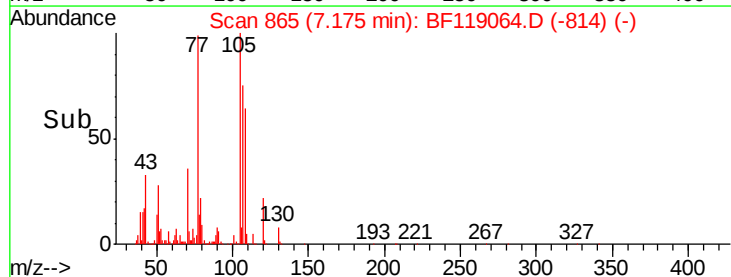


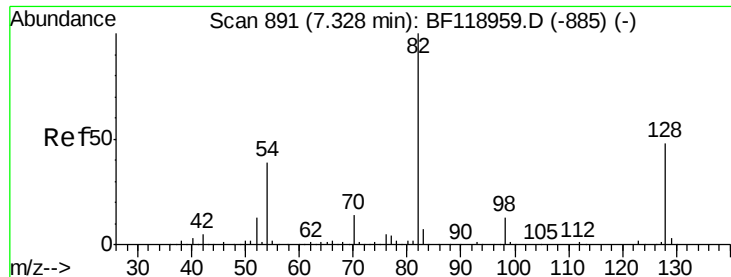
#22
Acetophenone
Concen: 39.405 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion:105	Resp:	816274
Ion Ratio	Lower	Upper
105	100	
71	6.0	5.4 8.0
51	28.5	22.5 33.7
120	22.3	18.4 27.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E



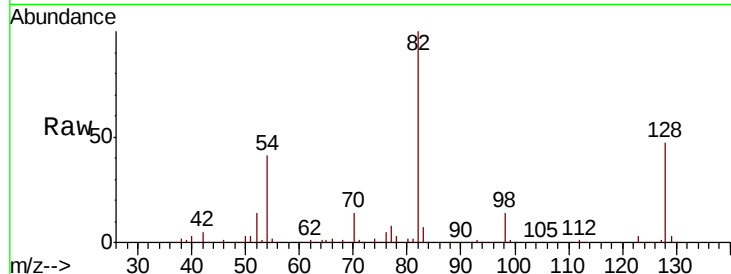


#23
 Nitrobenzene-d5
 Concen: 78.565 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

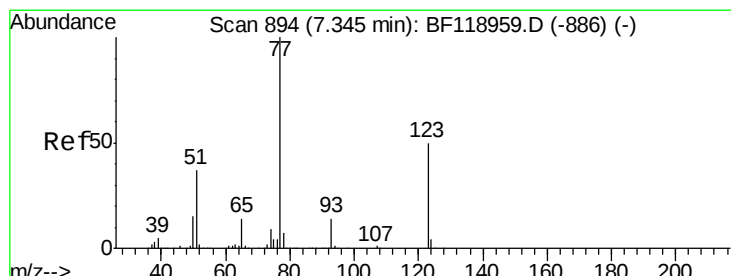
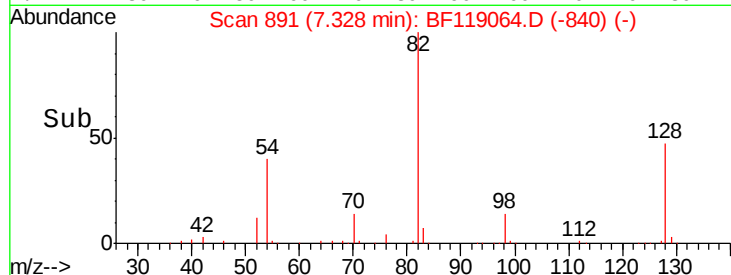
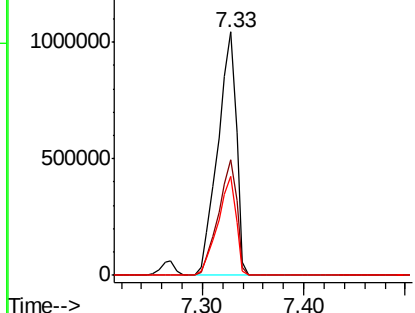
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1332186

Ion	Ratio	Lower	Upper
82	100		
128	47.2	38.2	57.2
54	40.8	31.3	46.9



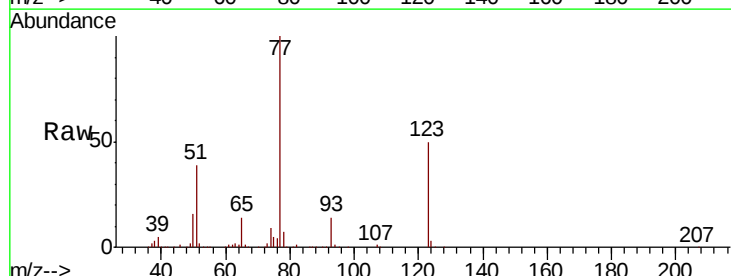
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



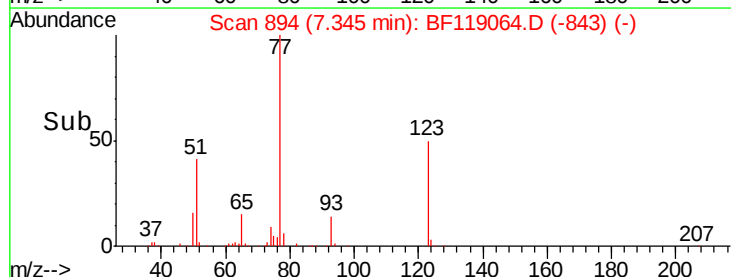
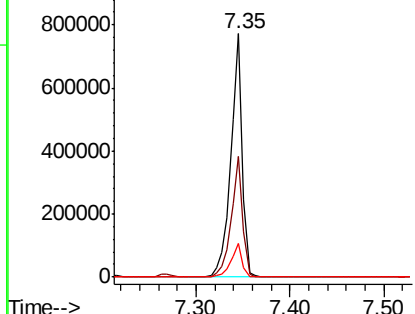
#24
 Nitrobenzene
 Concen: 38.868 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

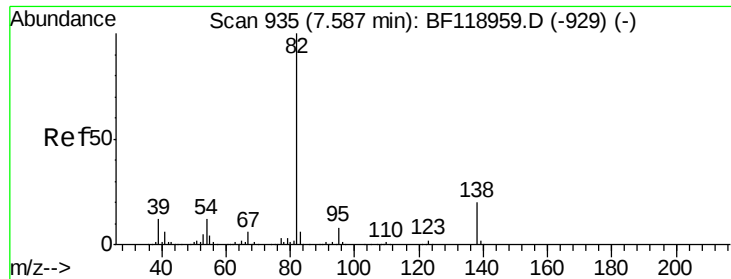
Tgt Ion: 77 Resp: 651748

Ion	Ratio	Lower	Upper
77	100		
123	49.8	40.1	60.1
65	13.8	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.511 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

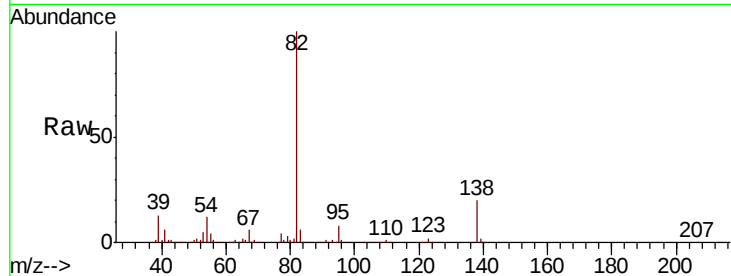
Tot Ion: 82 Resp: 1192982

Ion Ratio Lower Upper

82 100

95 8.0 6.1 9.1

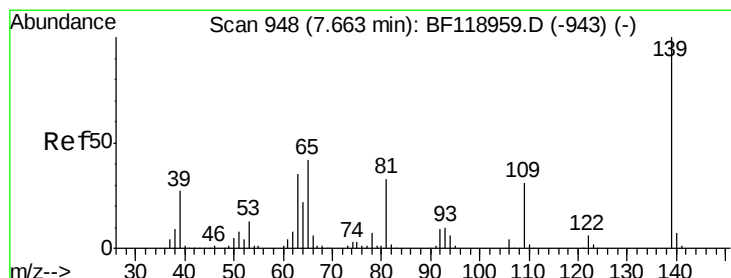
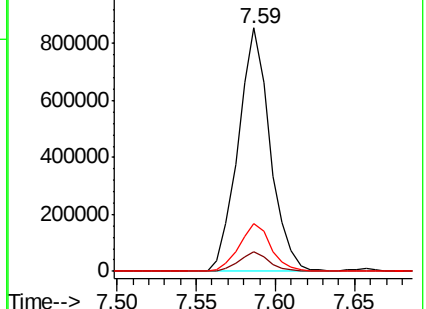
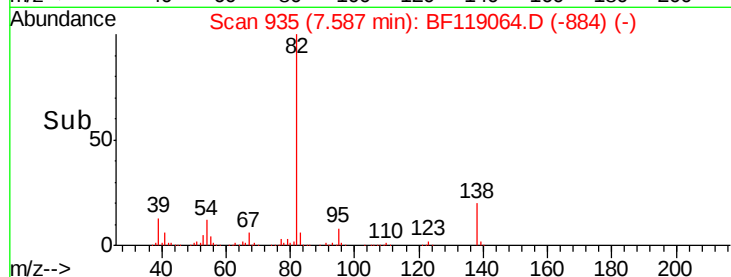
138 19.6 15.8 23.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.986 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

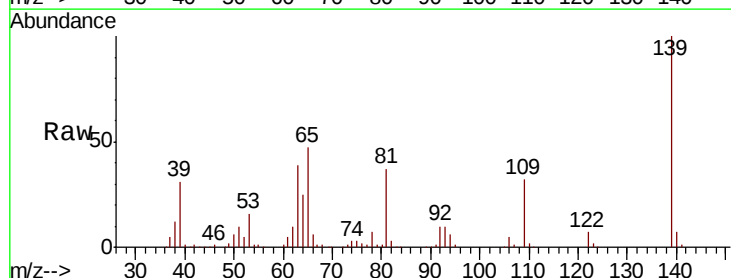
Tgt Ion: 139 Resp: 355259

Ion Ratio Lower Upper

139 100

109 32.2 24.6 36.8

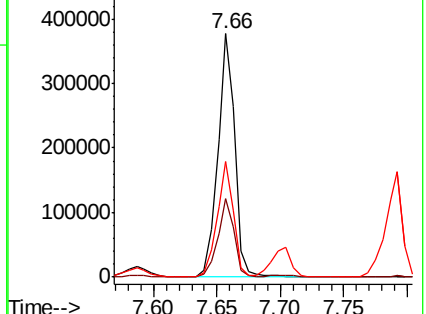
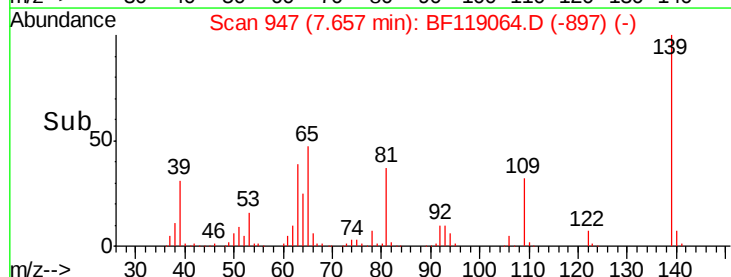
65 47.4 33.6 50.4

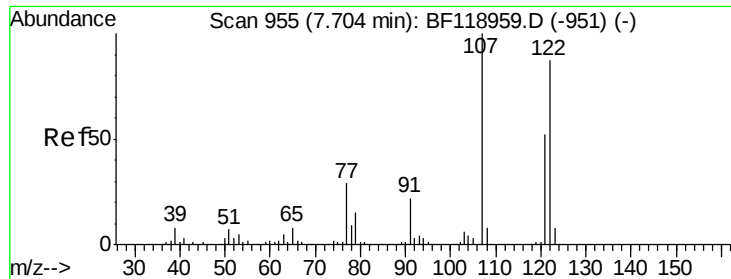


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

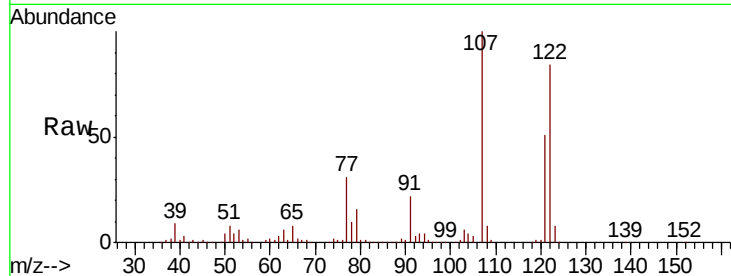




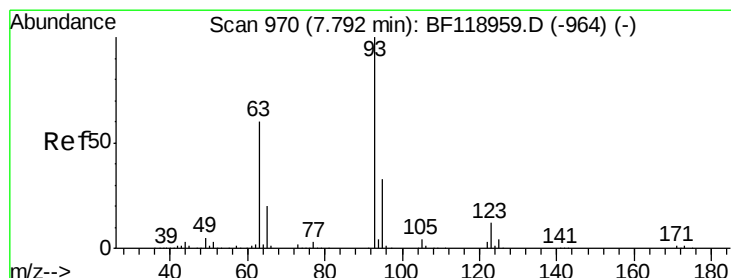
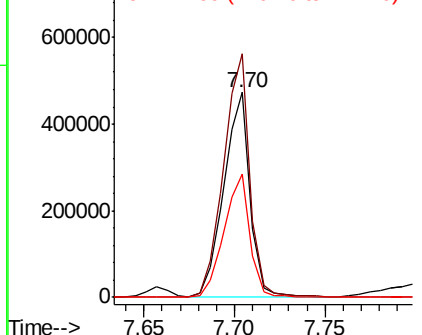
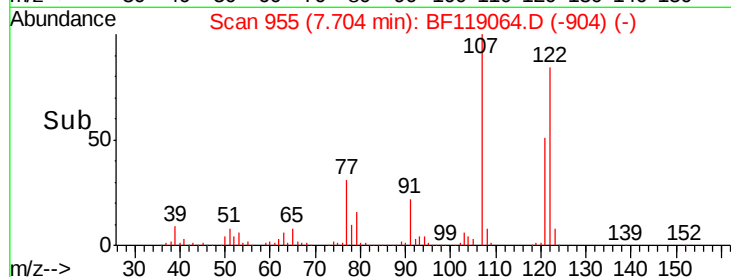
#27
2,4-Dimethylphenol
Concen: 39.345 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 474426
Ion Ratio Lower Upper
122 100
107 118.8 91.8 137.8
121 60.3 47.4 71.0

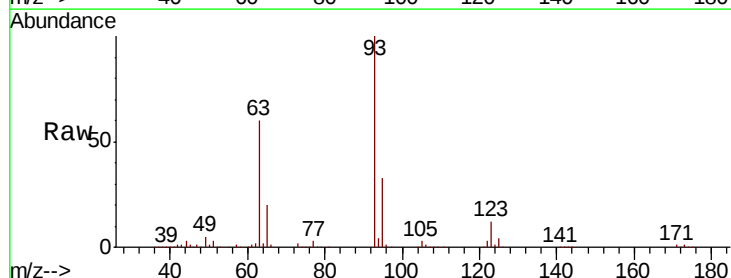


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

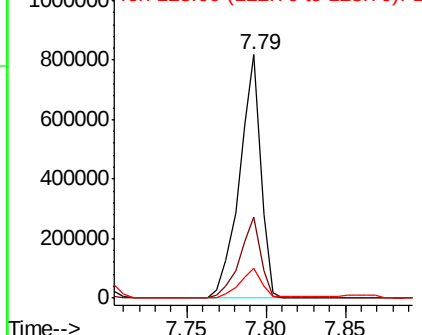
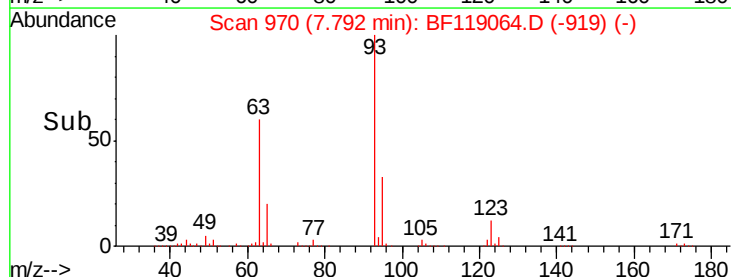


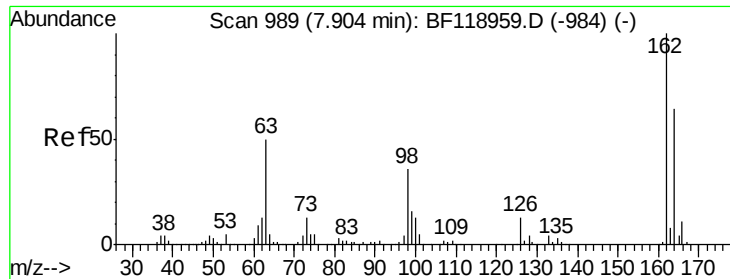
#28
bis(2-Chloroethoxy)methane
Concen: 39.714 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion: 93 Resp: 761235
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 12.5 9.8 14.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

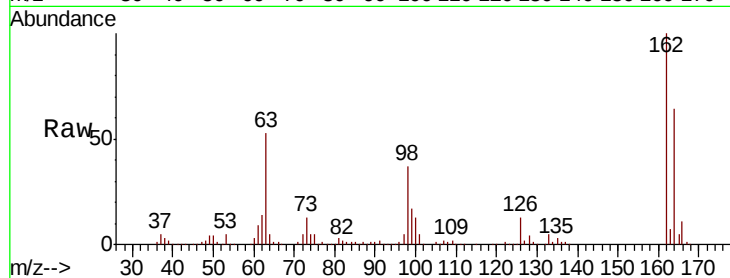




#29
2,4-Dichlorophenol
Concen: 39.443 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.1	84.1
98	37.3	16.4	56.4

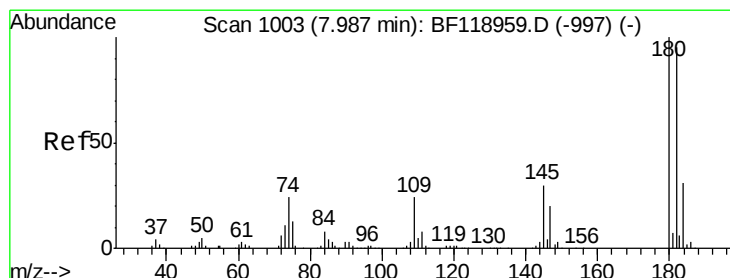
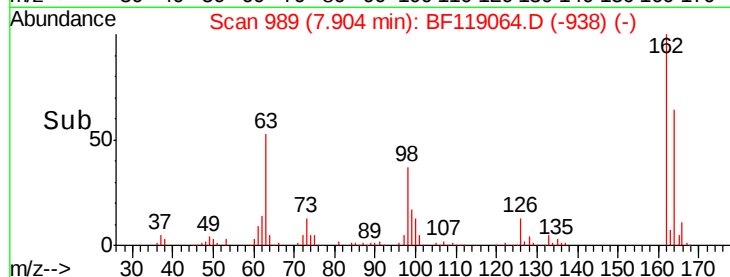
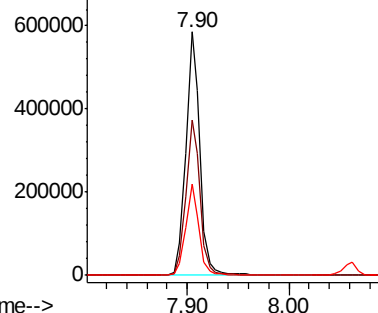


Abundance

Ion 162.00 (161.70 to 162.70): E

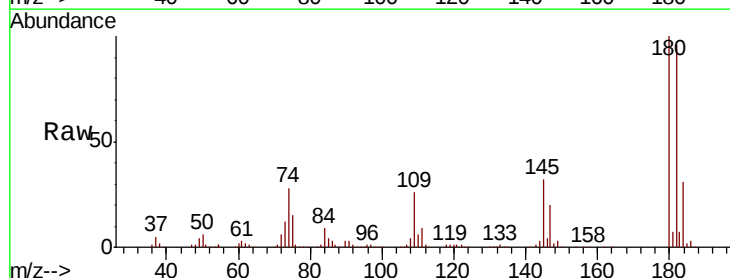
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.784 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.8
145	32.4	24.2	36.2

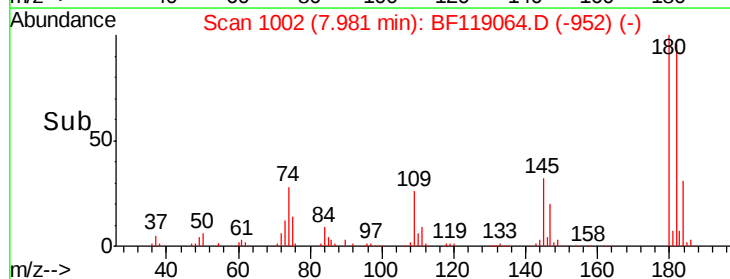
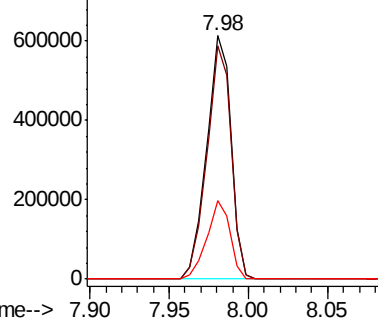


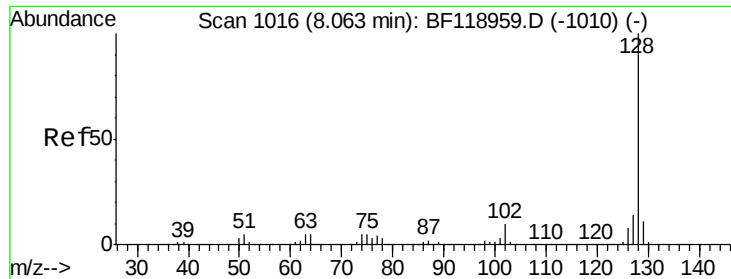
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

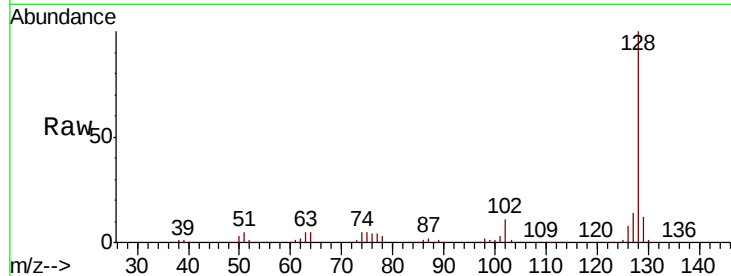




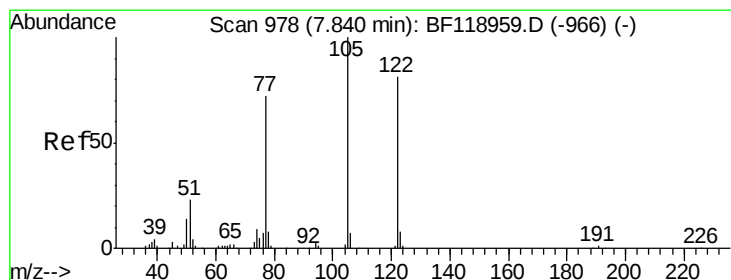
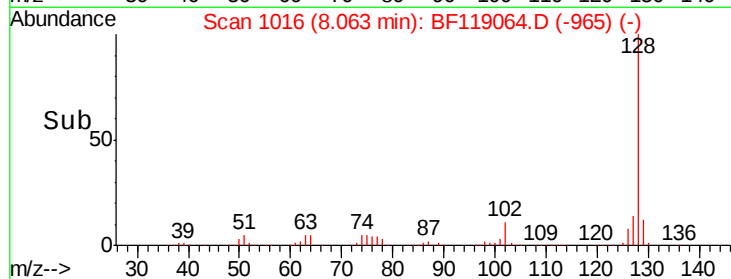
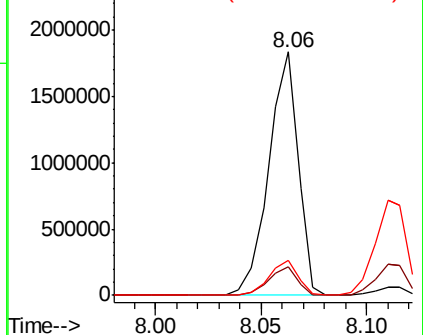
#31
Naphthalene
Concen: 38.369 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1781543
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 14.4 10.9 16.3

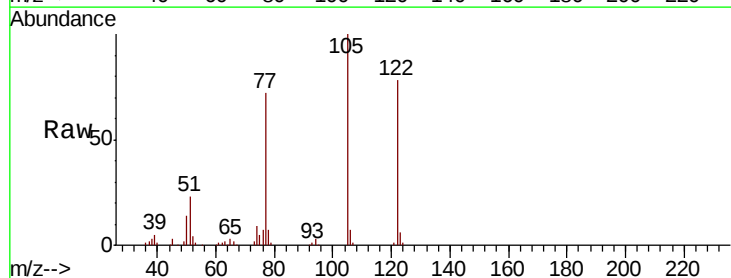


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

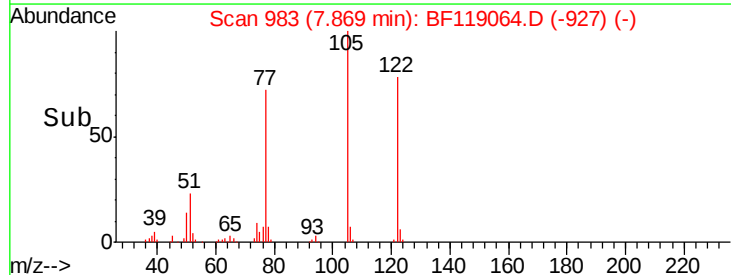
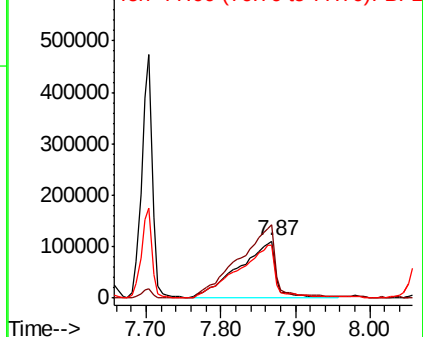


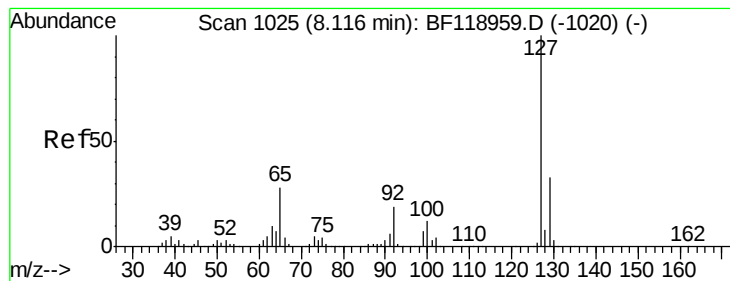
#32
Benzoic acid
Concen: 44.171 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.03 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion:122 Resp: 383191
Ion Ratio Lower Upper
122 100
105 128.8 102.2 142.2
77 92.1 68.6 108.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 39.365 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 786158

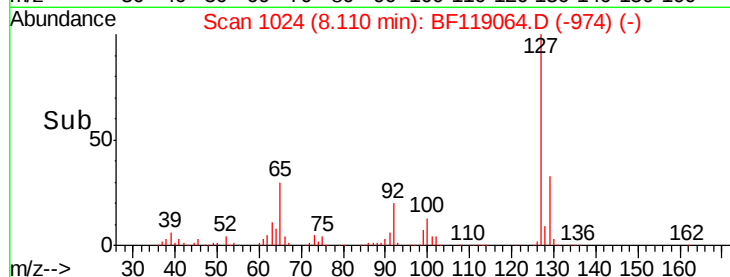
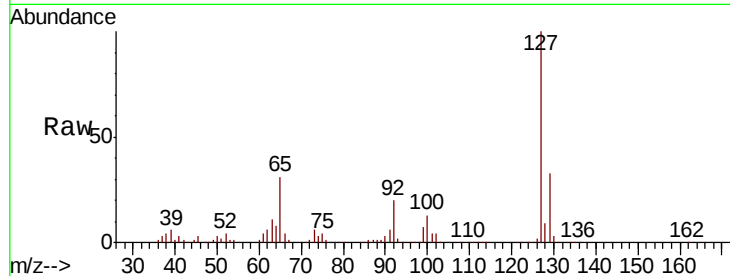
Ion Ratio Lower Upper

127 100

129 32.6 26.2 39.2

65 30.7 22.0 33.0

92 20.4 15.5 23.3

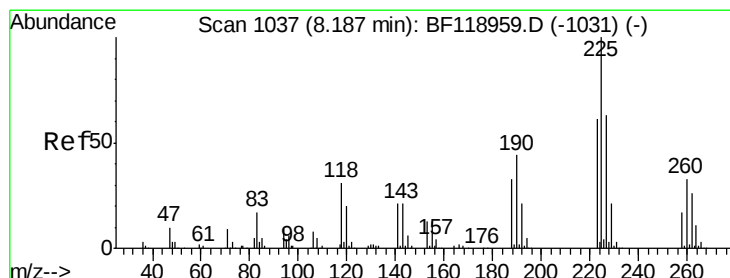
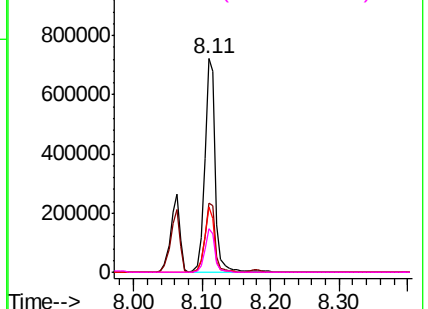


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.802 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

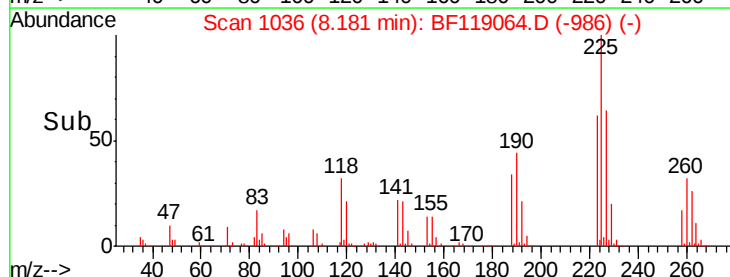
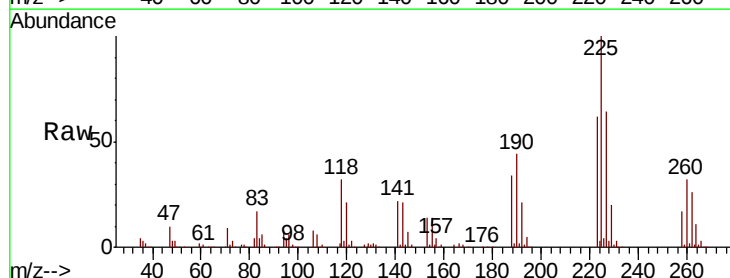
Tgt Ion:225 Resp: 417273

Ion Ratio Lower Upper

225 100

223 62.2 48.9 73.3

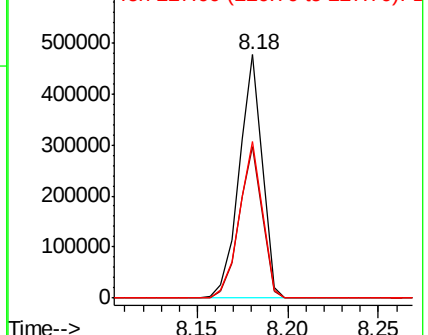
227 64.2 50.4 75.6

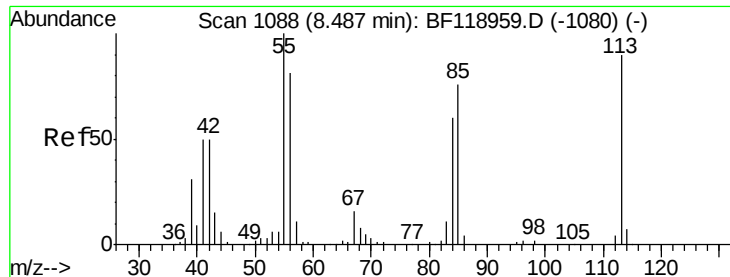


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

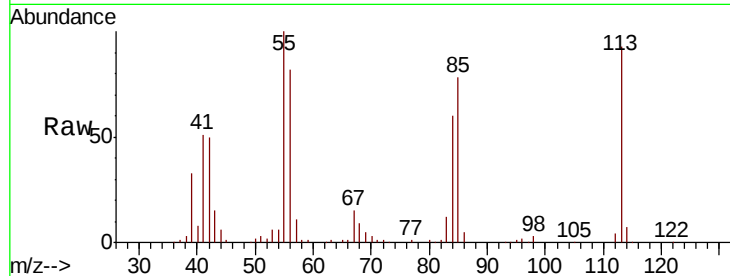




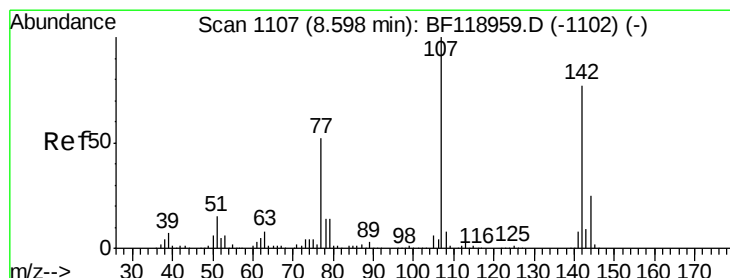
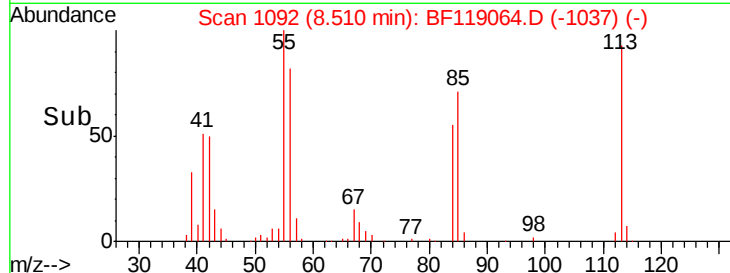
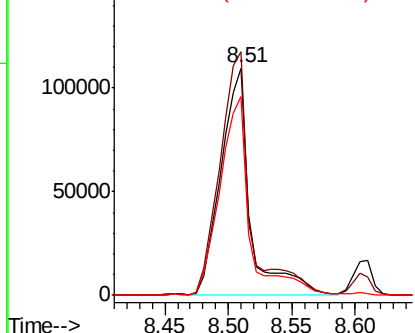
#35
Caprolactam
Concen: 40.743 ng
RT: 8.51 min Scan# 1092
Delta R.T. 0.02 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 178084
Ion Ratio Lower Upper
113 100
55 107.3 90.8 130.8
56 87.7 70.0 110.0

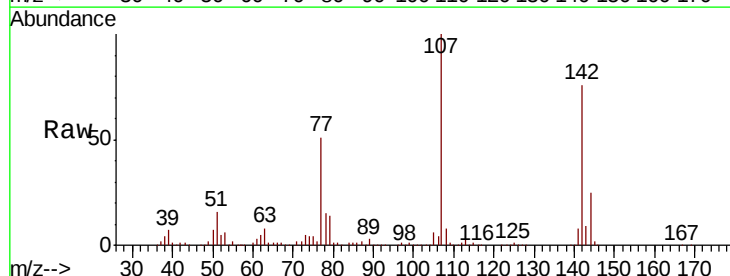


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

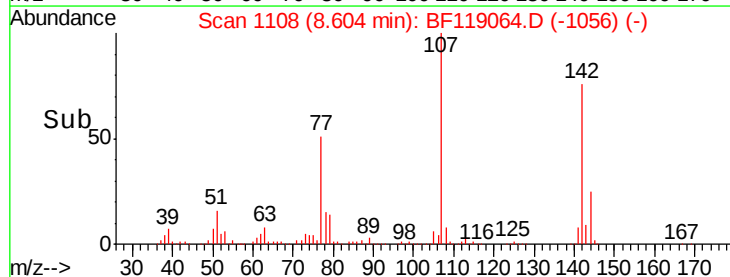
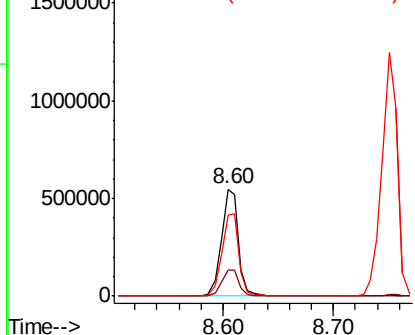


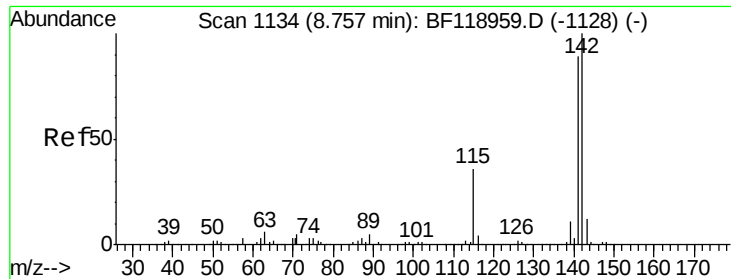
#36
4-Chloro-3-methylphenol
Concen: 40.589 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion:107 Resp: 583116
Ion Ratio Lower Upper
107 100
144 24.9 19.8 29.8
142 76.0 61.3 91.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

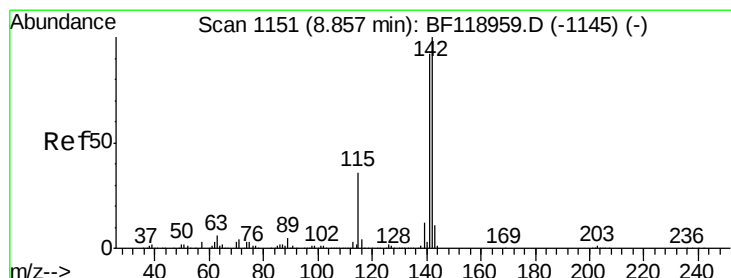
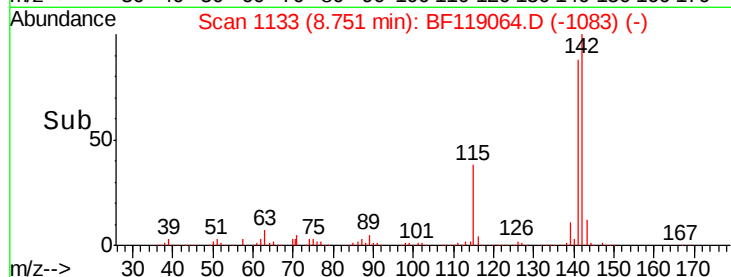
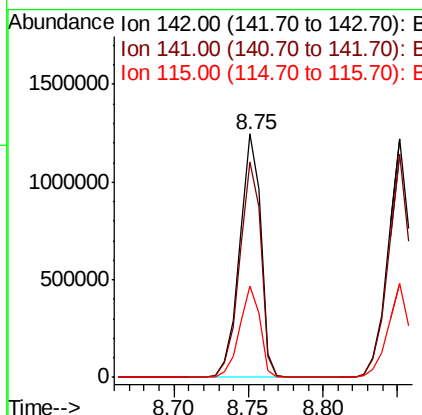
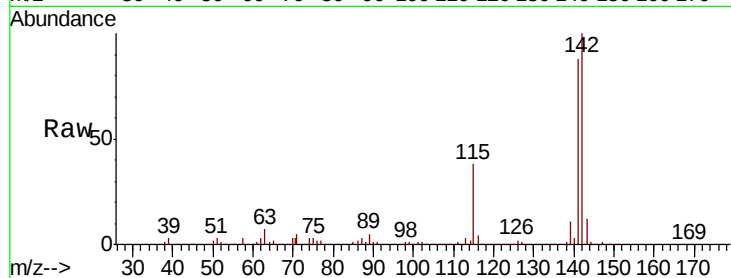




#37
2-Methylnaphthalene
Concen: 39.399 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

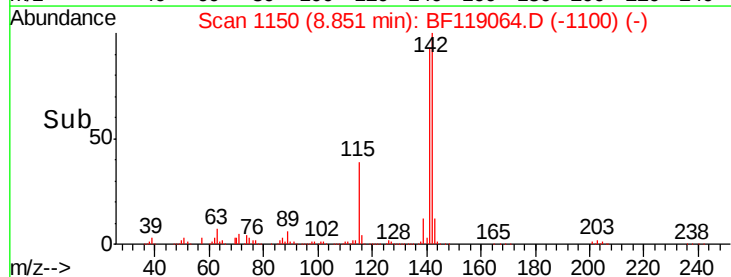
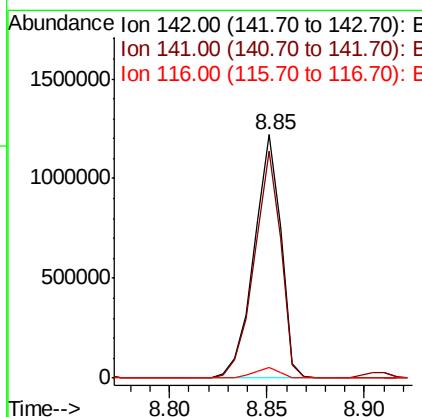
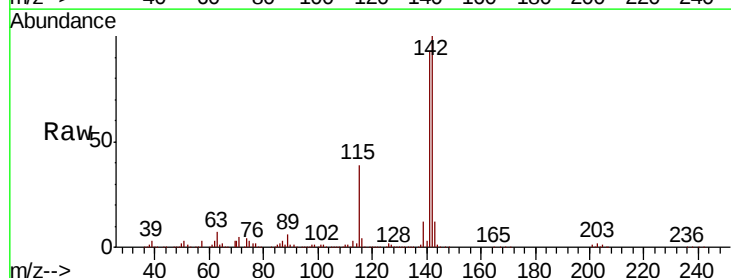
Instrument :
BNA_F
ClientSampleId :

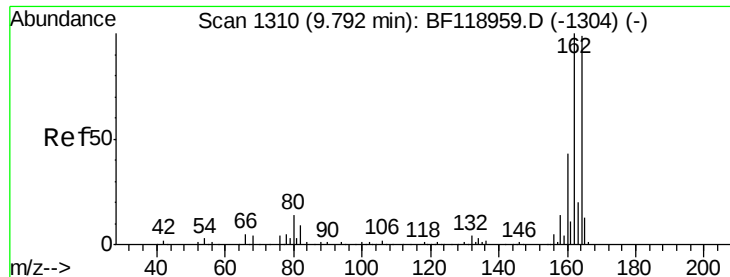
Tot Ion:142 Resp: 1231110
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.4
115 37.7 28.6 42.8



#38
1-Methylnaphthalene
Concen: 39.379 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion:142 Resp: 1157223
Ion Ratio Lower Upper
142 100
141 93.4 73.7 110.5
116 4.1 3.0 4.6

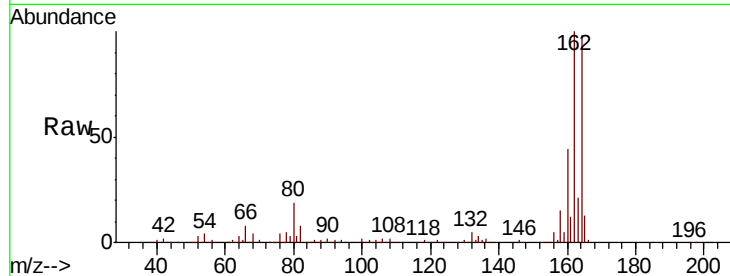




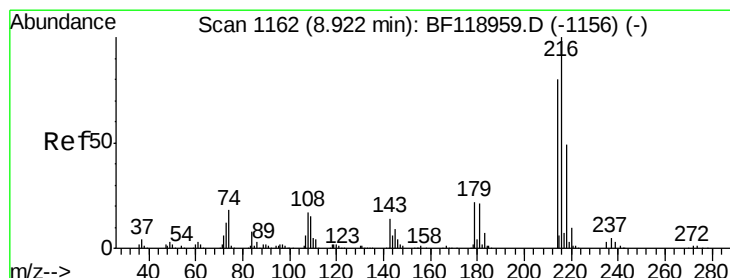
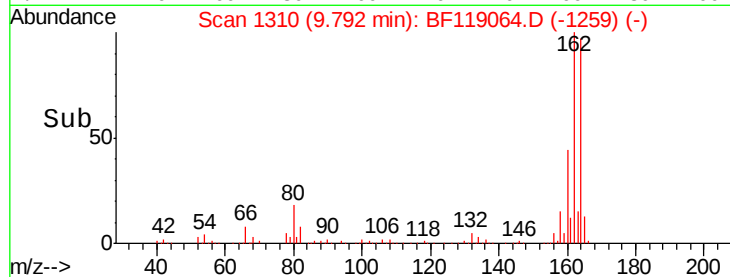
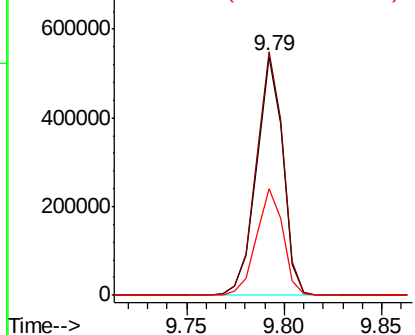
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.2	121.8
160	44.7	35.2	52.8



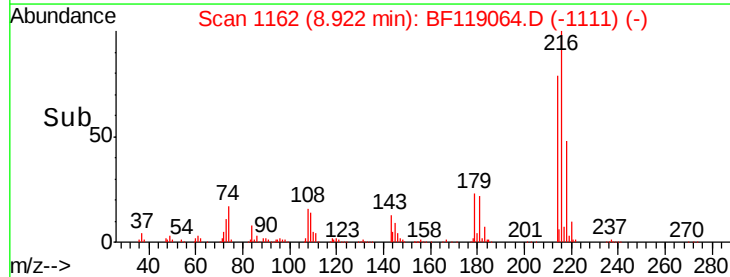
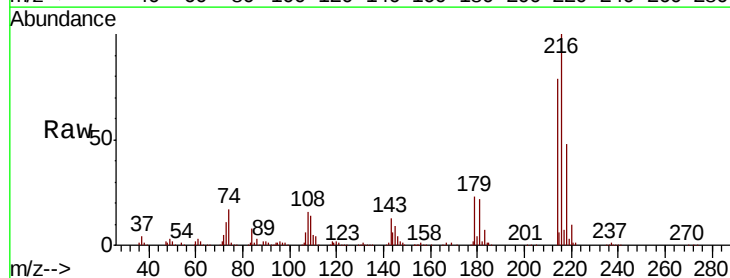
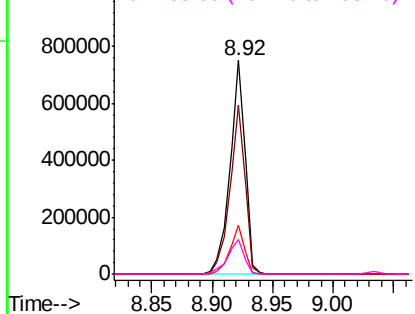
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

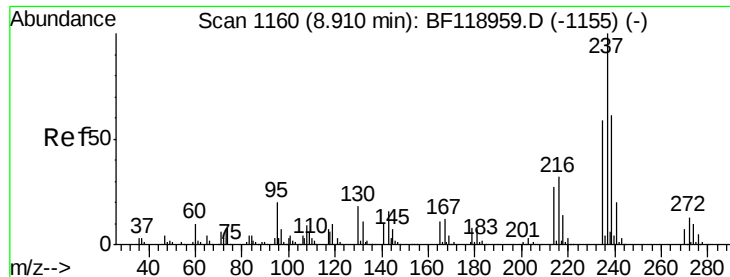


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.455 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.1	94.7
179	22.0	17.2	25.8
108	17.5	13.4	20.0

Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.886 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

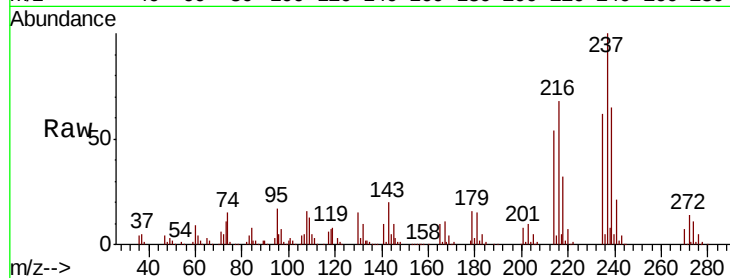
Tot Ion:237 Resp: 220372

Ion Ratio Lower Upper

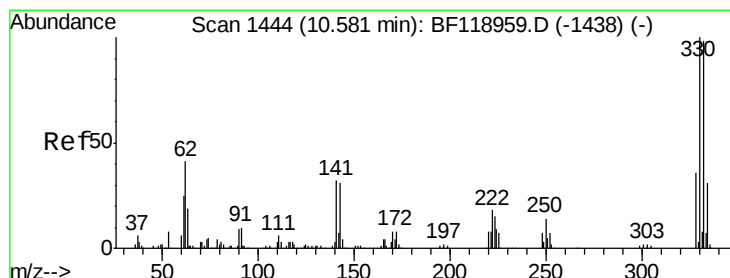
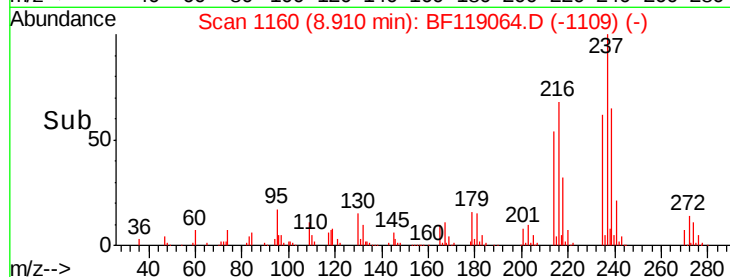
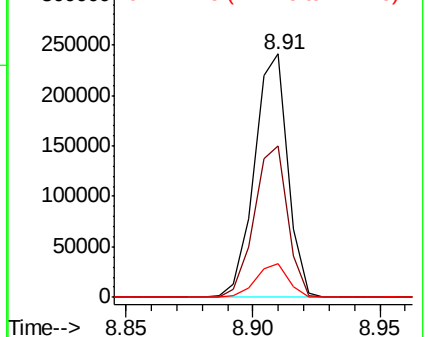
237 100

235 62.1 39.4 79.4

272 13.9 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 81.708 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

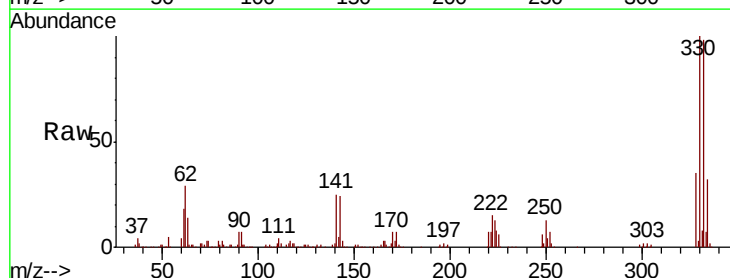
Tgt Ion:330 Resp: 537899

Ion Ratio Lower Upper

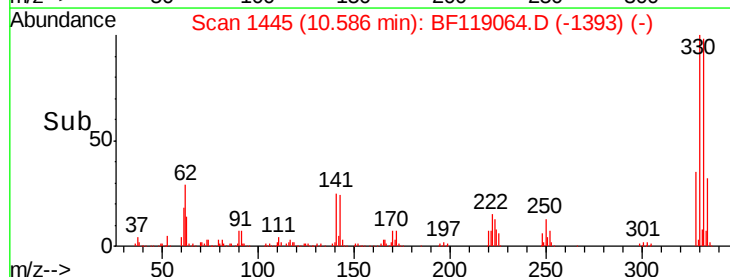
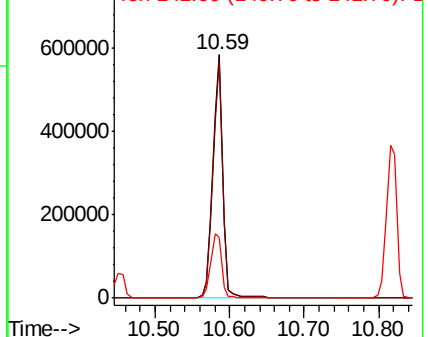
330 100

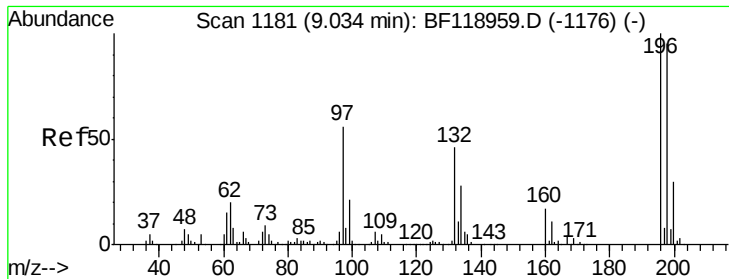
332 96.9 77.1 115.7

141 29.0 23.0 34.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

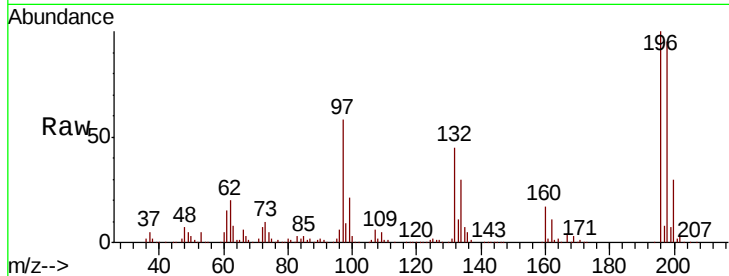




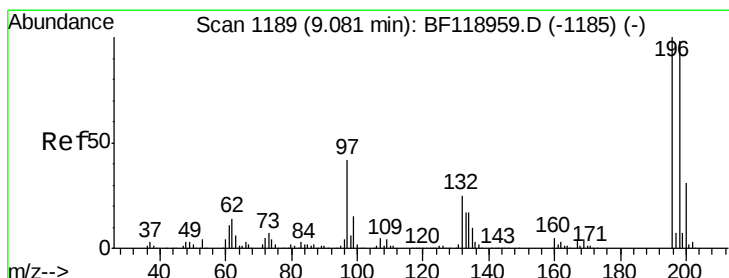
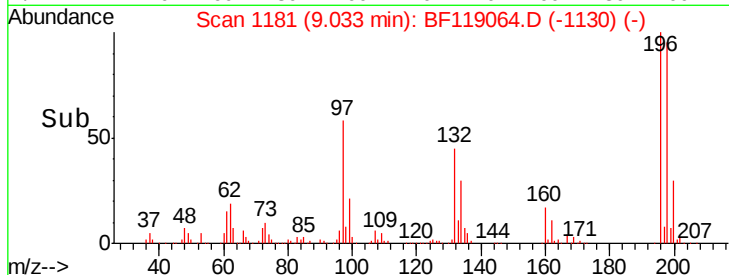
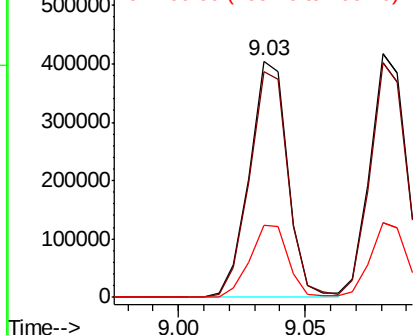
#43
 2,4,6-Trichlorophenol
 Concen: 40.047 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 429092
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.8 113.6
 200 30.4 24.1 36.1

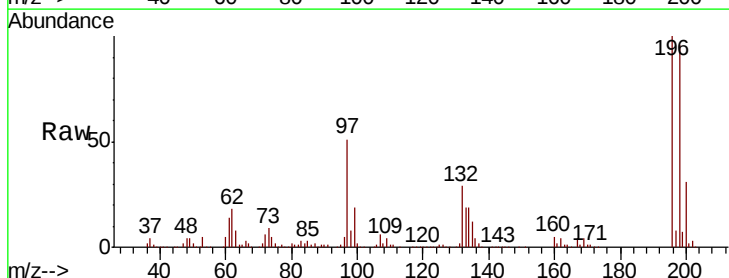


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

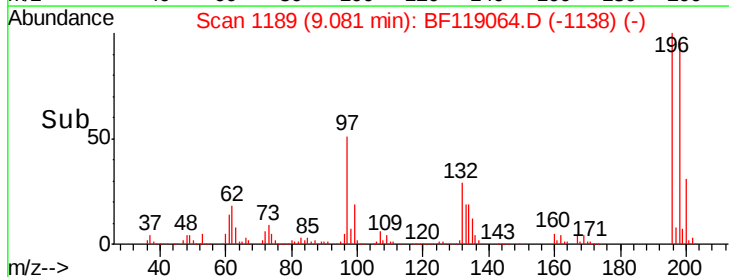
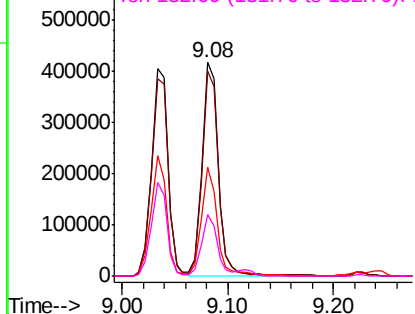


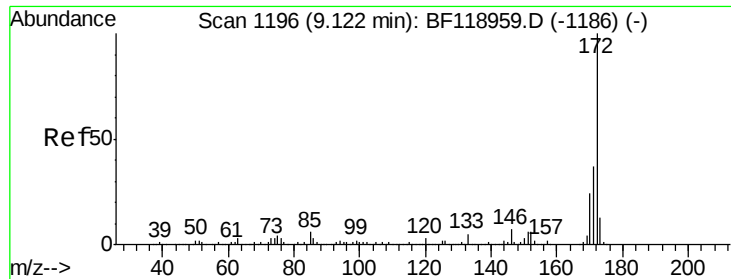
#44
 2,4,5-Trichlorophenol
 Concen: 39.101 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

Tgt Ion:196 Resp: 439635
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.4 117.6
 97 51.0 33.4 50.0#
 132 28.7 20.6 30.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

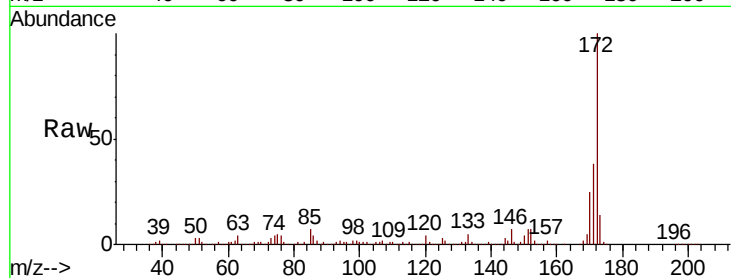




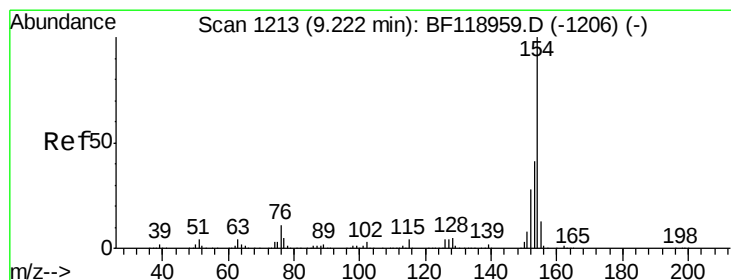
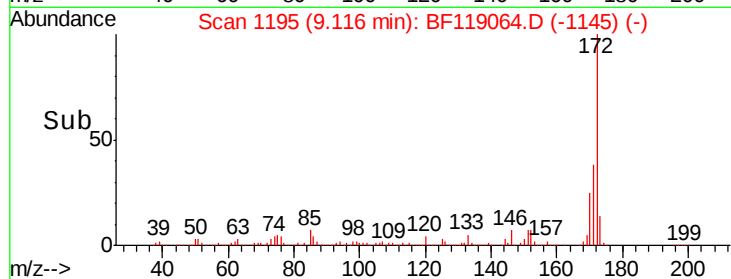
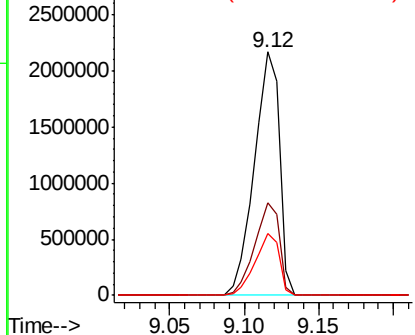
#45
 2-Fluorobiphenyl
 Concen: 73.457 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2509308
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.4 44.2
 170 25.2 19.6 29.4

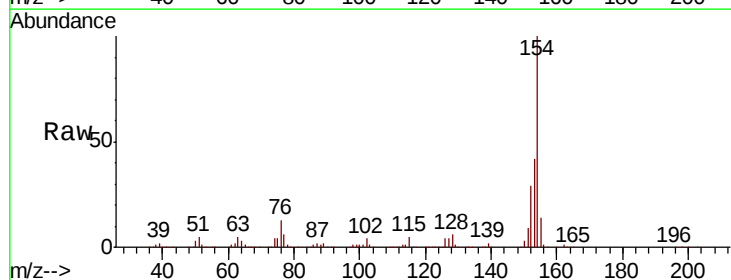


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

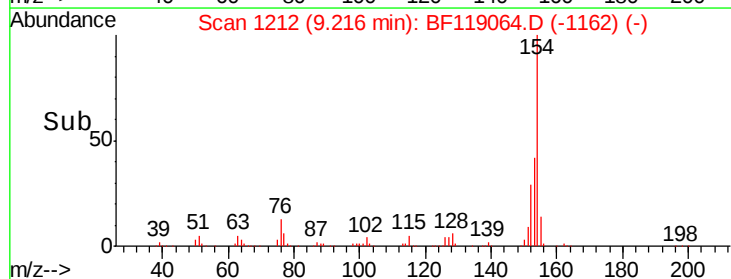
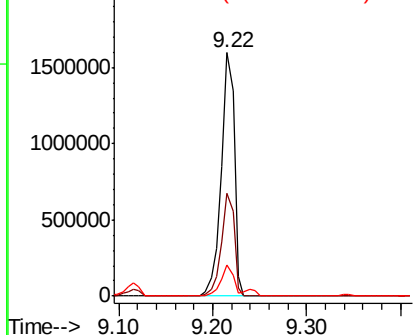


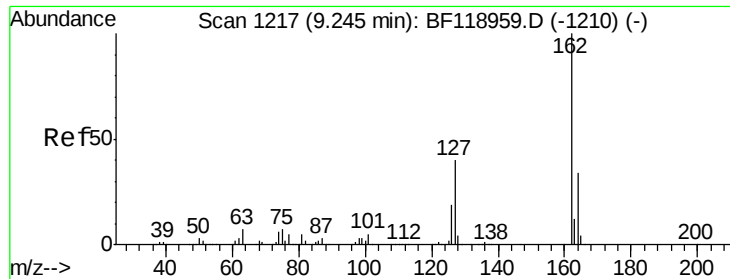
#46
 1,1'-Biphenyl
 Concen: 38.244 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

Tgt Ion:154 Resp: 1555445
 Ion Ratio Lower Upper
 154 100
 153 42.3 21.2 61.2
 76 13.0 0.0 31.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 38.441 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

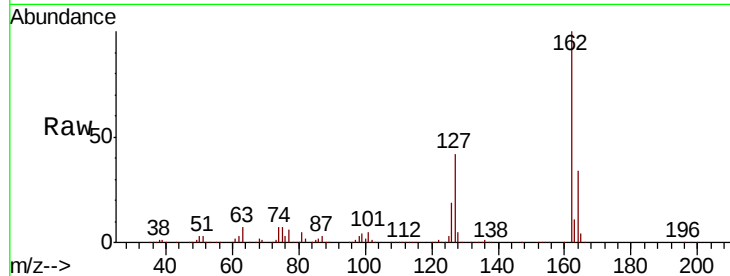
Tot Ion:162 Resp: 1259935

Ion Ratio Lower Upper

162 100

127 41.7 31.9 47.9

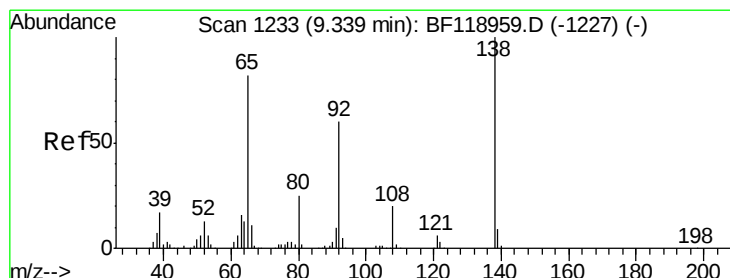
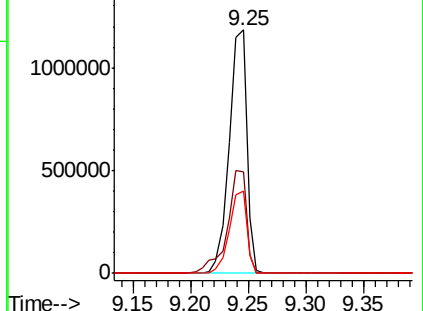
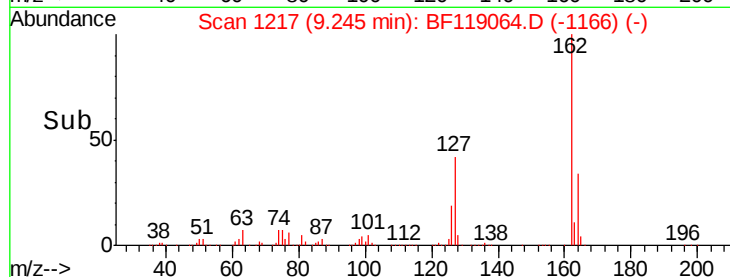
164 33.9 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.463 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

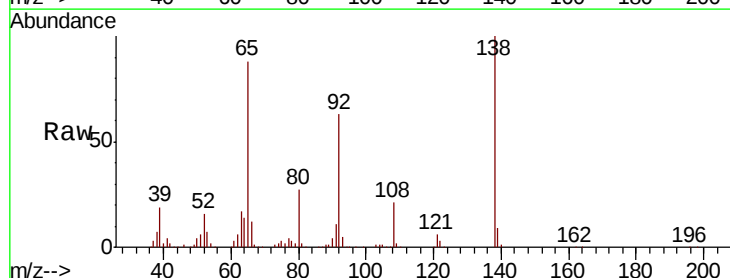
Tgt Ion: 65 Resp: 369899

Ion Ratio Lower Upper

65 100

92 71.5 58.6 87.8

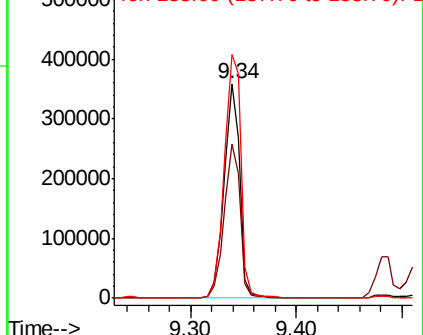
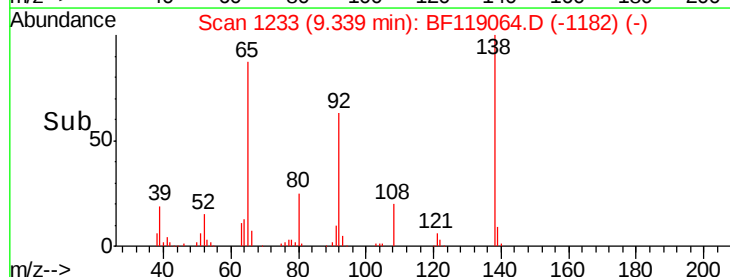
138 113.5 97.5 146.3

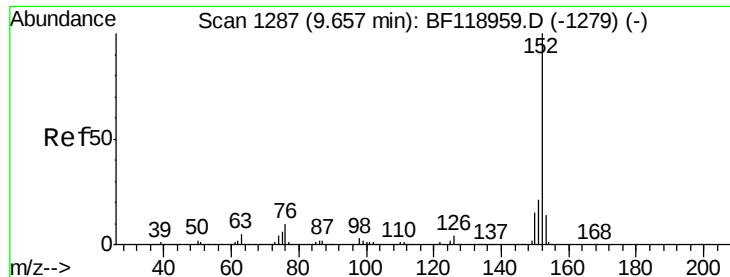


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.047 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampled :

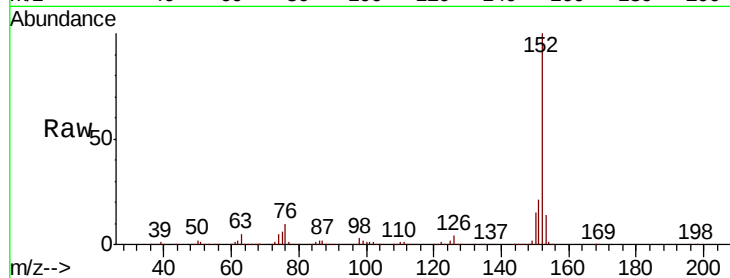
Tot Ion:152 Resp: 1801042

Ion Ratio Lower Upper

152 100

151 21.1 16.7 25.1

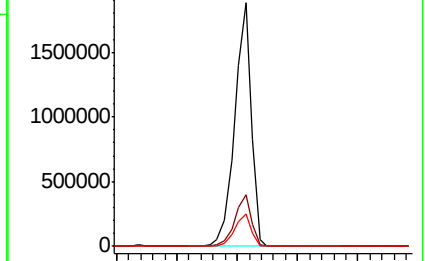
153 13.6 10.9 16.3



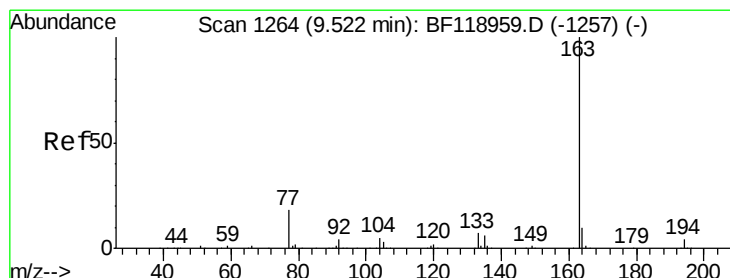
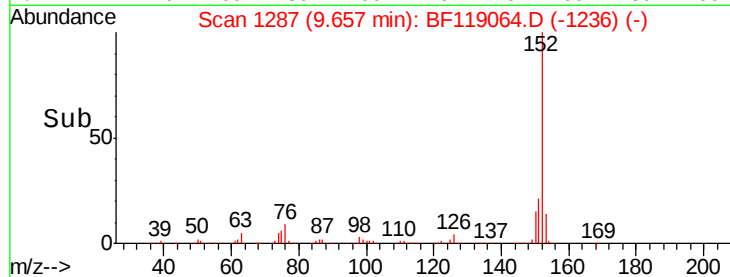
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 9.55 9.60 9.65 9.70 9.75



#50

Dimethylphthalate

Concen: 40.734 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

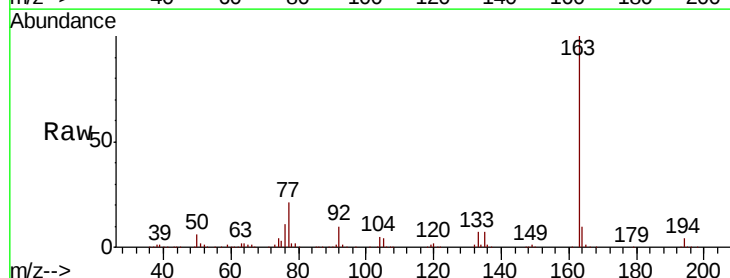
Tgt Ion:163 Resp: 1567489

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

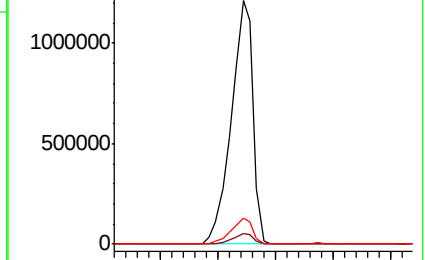
164 10.5 8.2 12.2



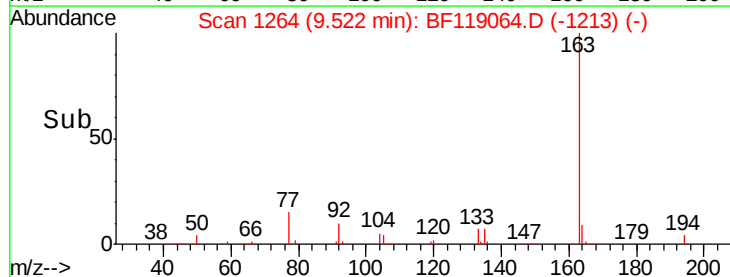
Abundance Ion 163.00 (162.70 to 163.70): E

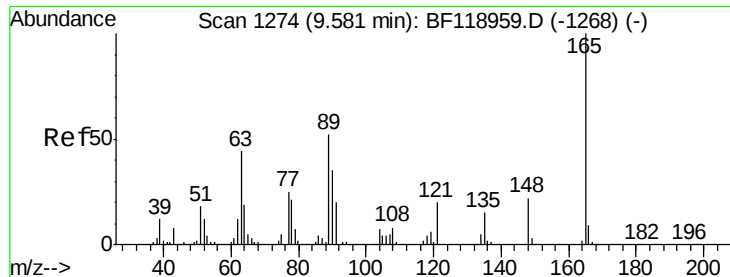
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 9.45 9.50 9.55 9.60 9.65





#51

2,6-Dinitrotoluene

Concen: 39.872 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

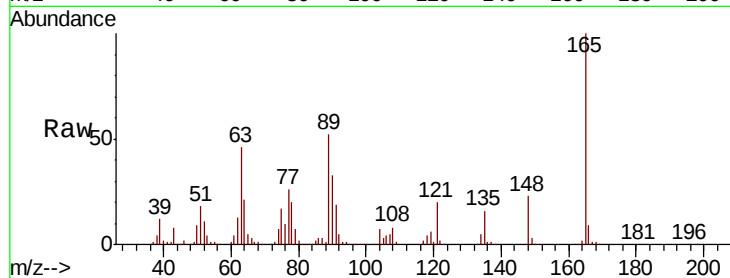
Tot Ion:165 Resp: 340887

Ion Ratio Lower Upper

165 100

63 46.1 37.9 56.9

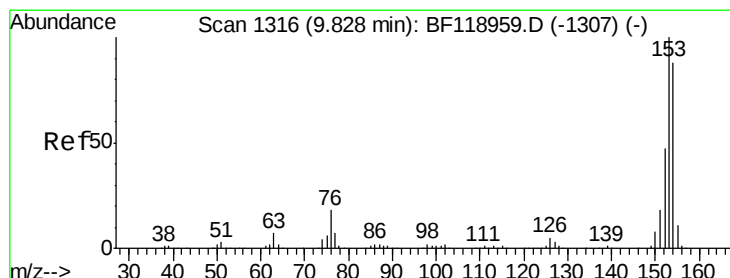
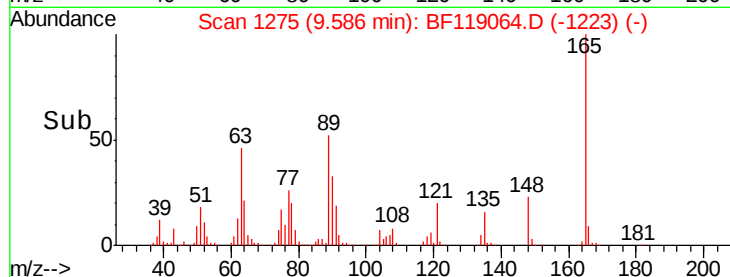
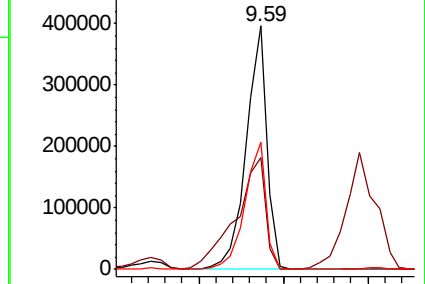
89 52.1 41.4 62.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.369 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

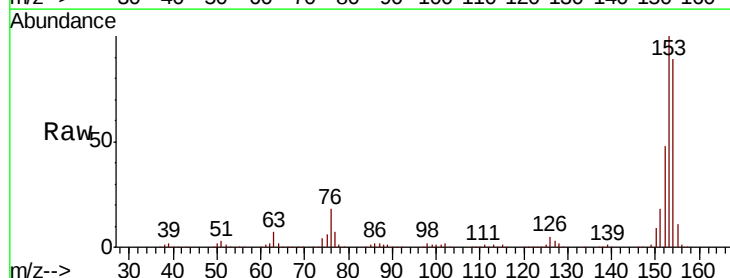
Tgt Ion:154 Resp: 1095181

Ion Ratio Lower Upper

154 100

153 112.6 90.4 135.6

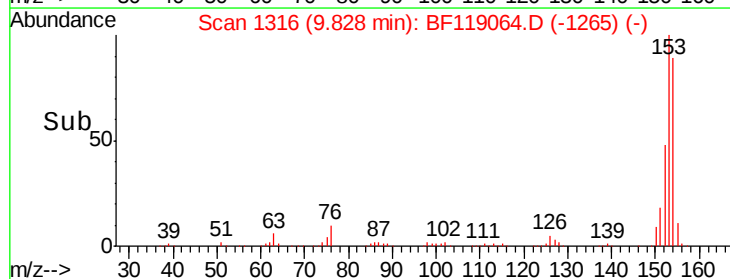
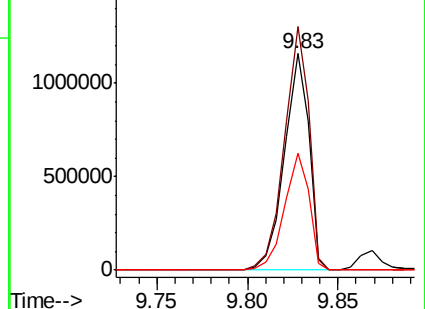
152 54.1 42.9 64.3

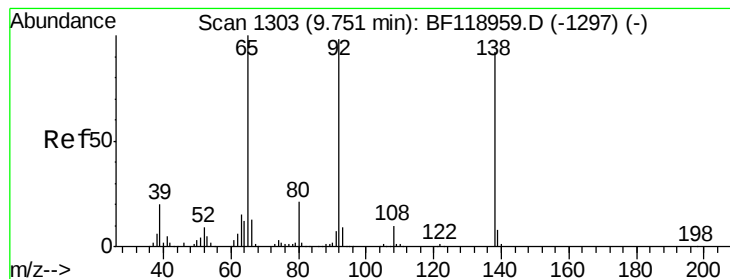


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 39.137 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

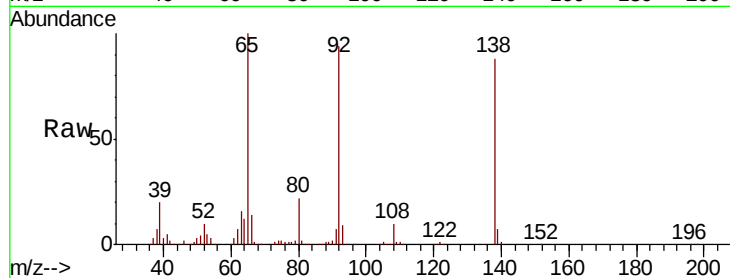
Tot Ion:138 Resp: 370944

Ion Ratio Lower Upper

138 100

108 11.3 8.6 13.0

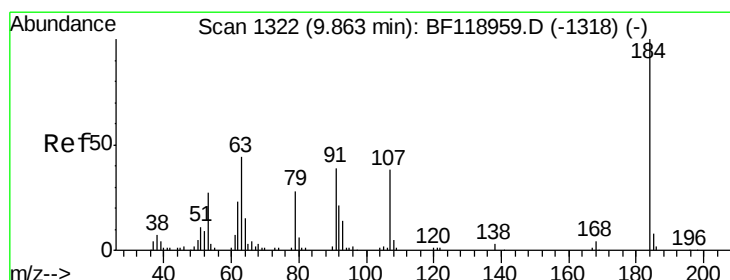
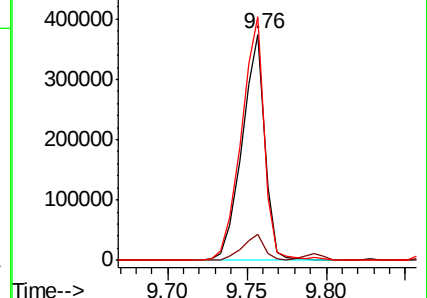
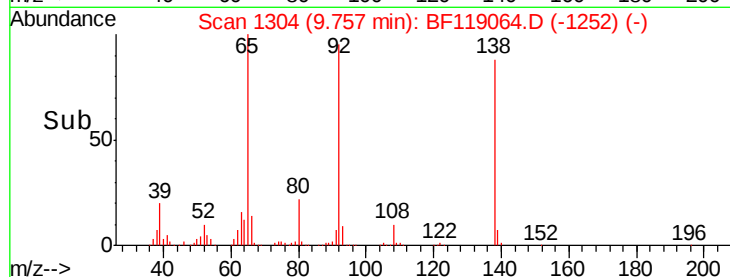
92 107.7 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 43.242 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

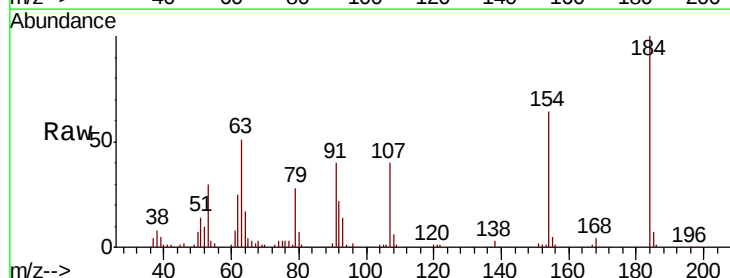
Tgt Ion:184 Resp: 163936

Ion Ratio Lower Upper

184 100

63 51.3 37.8 56.6

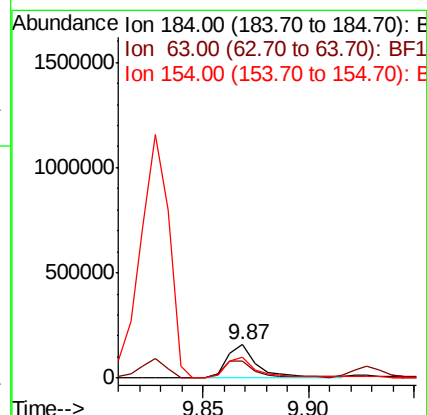
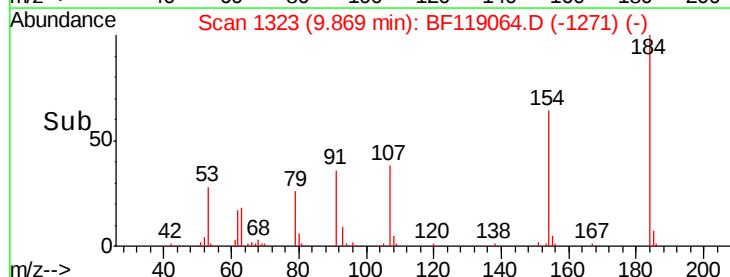
154 64.1 47.6 71.4

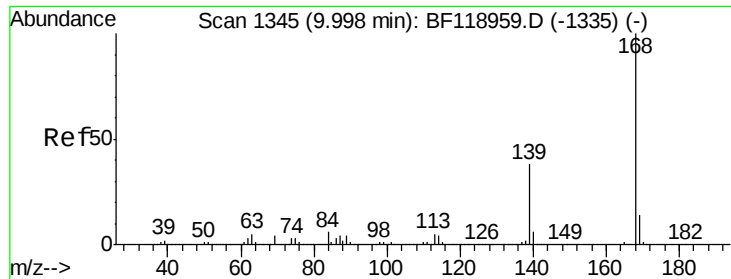


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

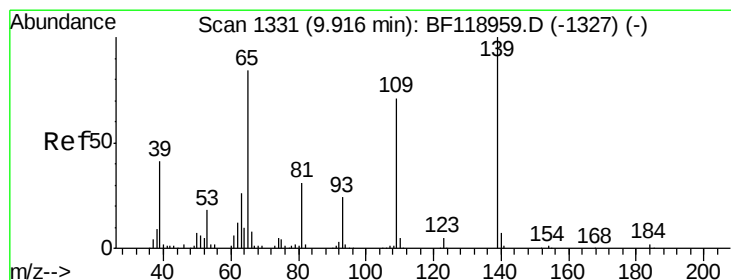
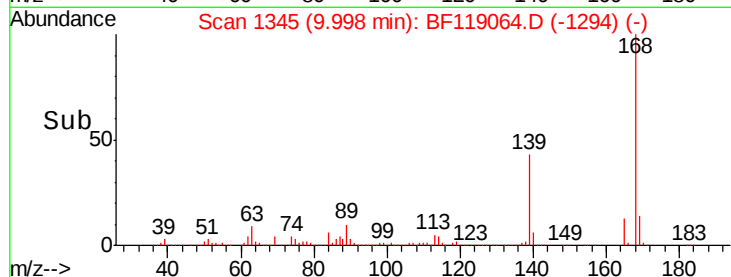
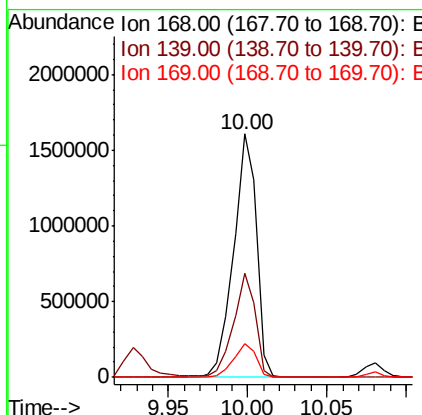
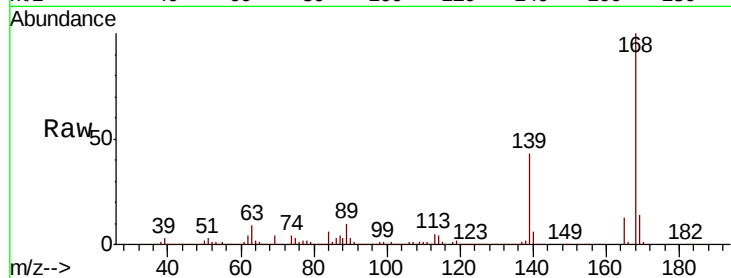




#55
Dibenzofuran
Concen: 37.764 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

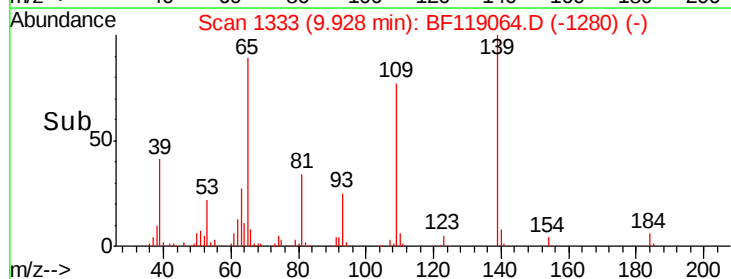
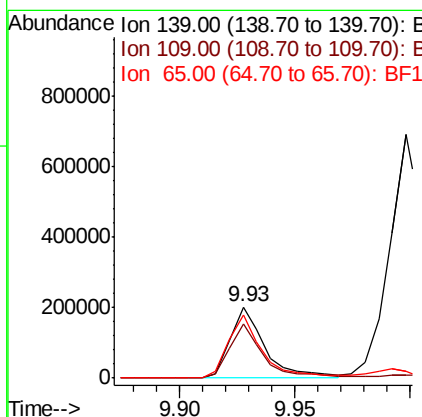
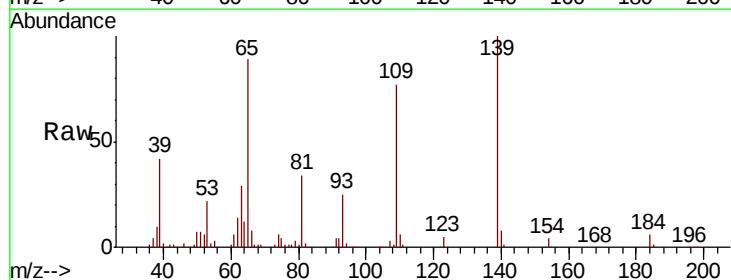
Instrument :
BNA_F
ClientSampleId :

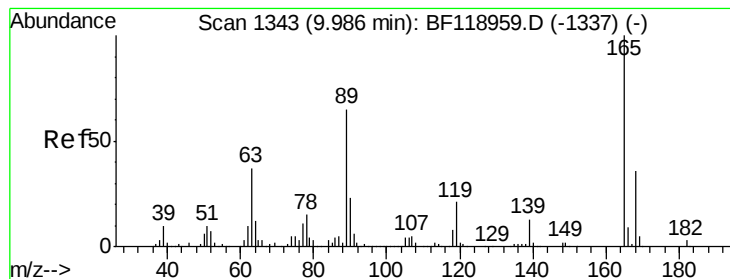
Tot Ion:168 Resp: 1608923
Ion Ratio Lower Upper
168 100
139 42.9 31.7 47.5
169 13.9 11.0 16.4



#56
4-Nitrophenol
Concen: 36.935 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion:139 Resp: 210330
Ion Ratio Lower Upper
139 100
109 76.5 51.1 91.1
65 88.9 64.7 104.7





#57

2,4-Dinitrotoluene

Concen: 38.745 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 429364

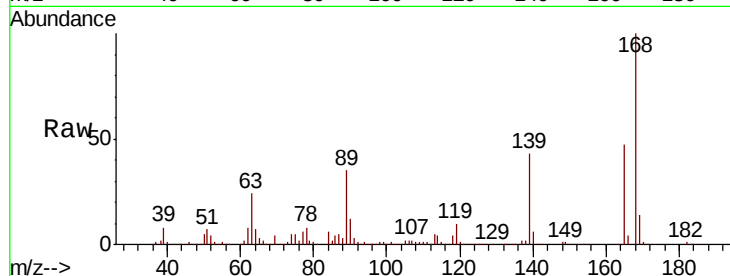
Ion Ratio Lower Upper

165 100

63 50.7 29.8 44.8#

89 73.4 51.9 77.9

182 3.1 2.3 3.5

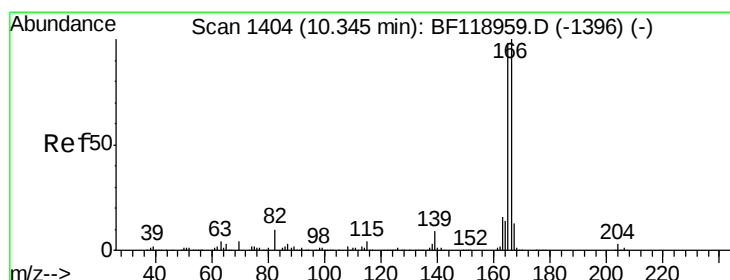
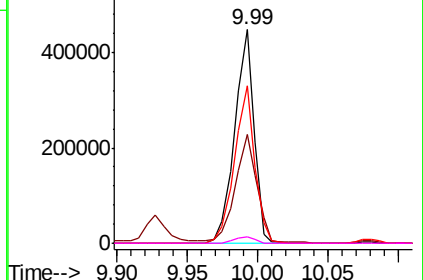
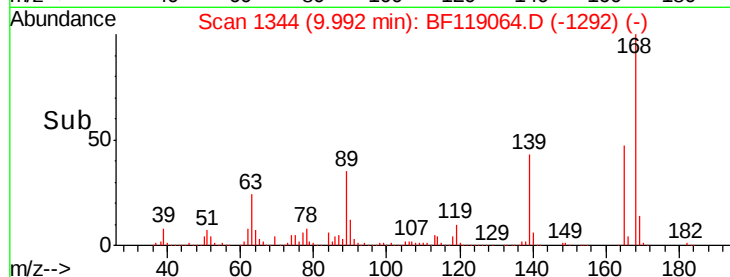


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.632 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

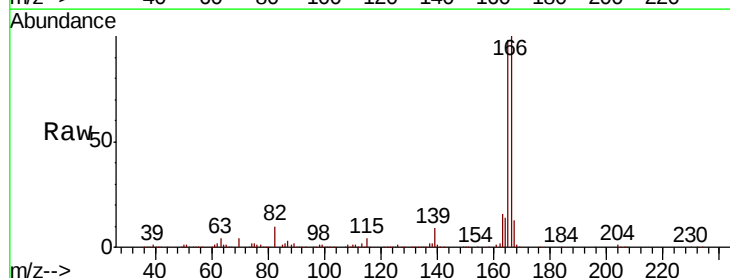
Tgt Ion:166 Resp: 1278955

Ion Ratio Lower Upper

166 100

165 98.5 78.2 117.4

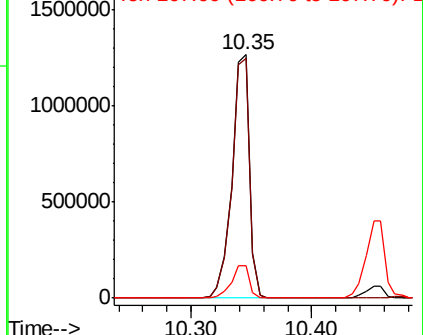
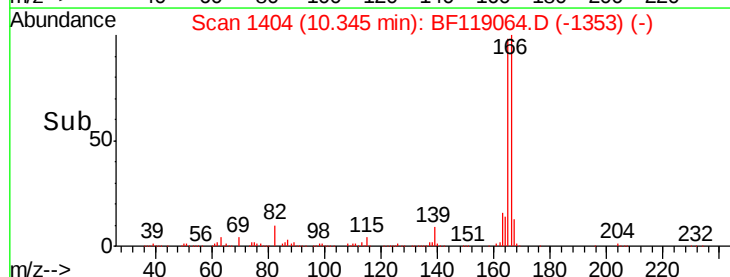
167 13.3 10.6 16.0

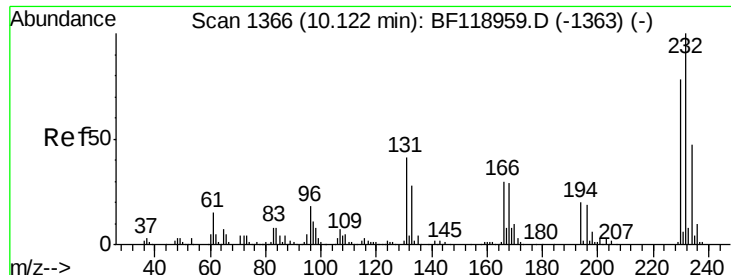


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

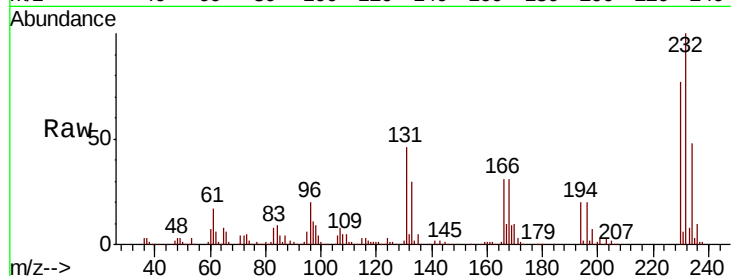




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.581 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.5	34.0	51.0
130	2.4	1.6	2.4
166	29.7	23.6	35.4



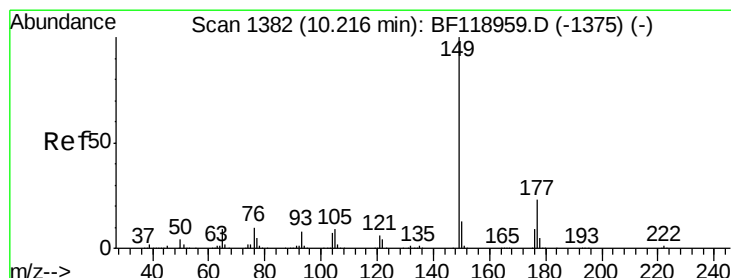
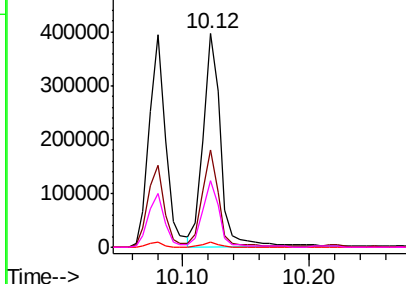
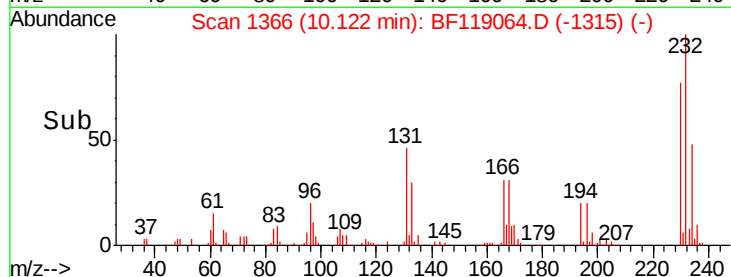
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

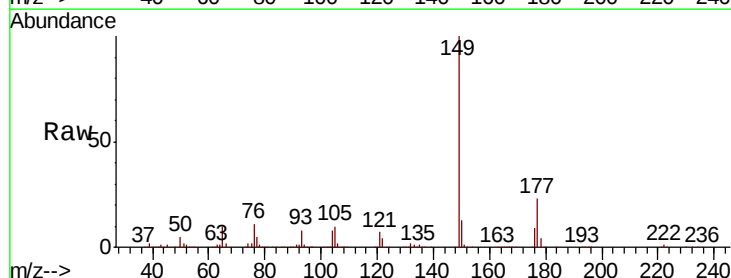
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.221 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.1	27.1
150	13.2	10.4	15.6

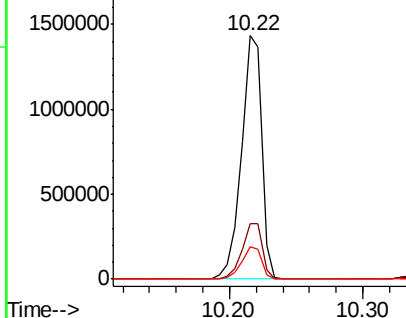
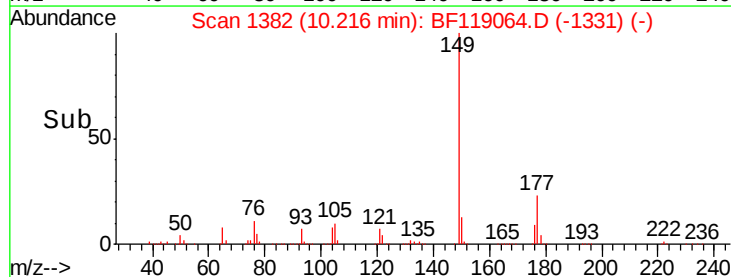


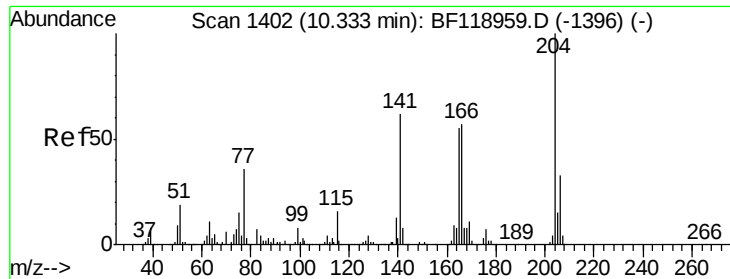
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

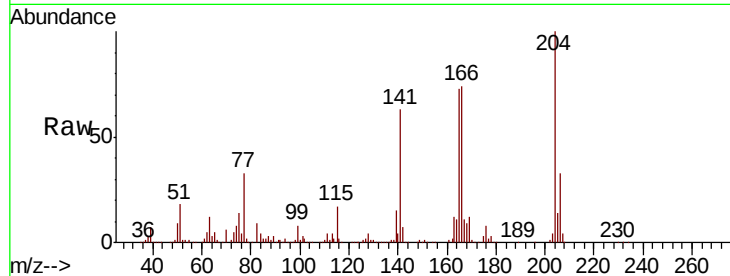




#61
4-Chlorophenyl-phenylether
Concen: 39.219 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	62.7	49.5	74.3

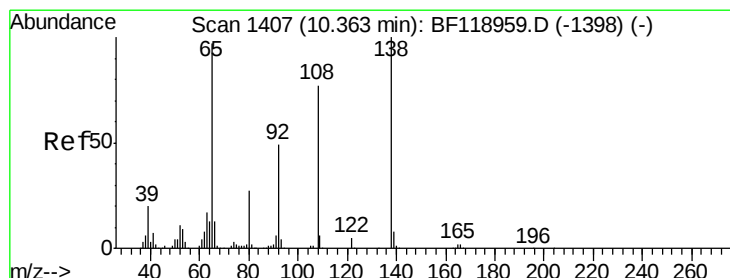
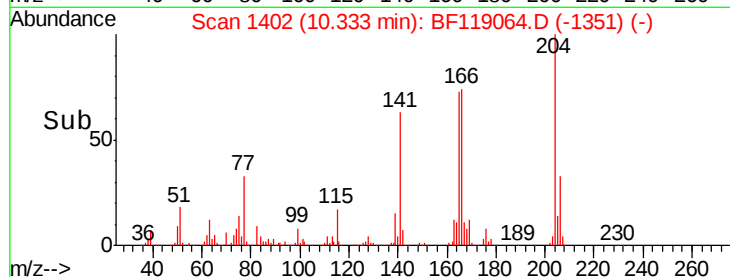
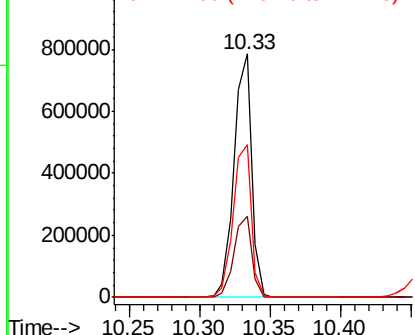


Abundance

Ion 204.00 (203.70 to 204.70): E

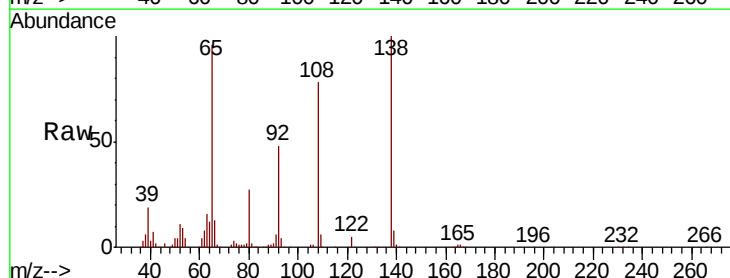
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.447 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	28.7	68.7
108	77.9	56.8	96.8

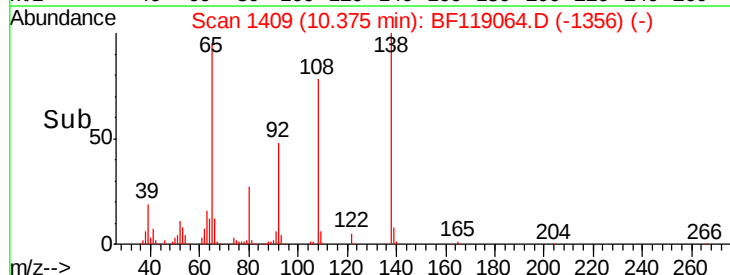
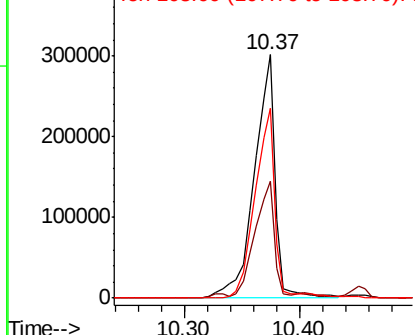


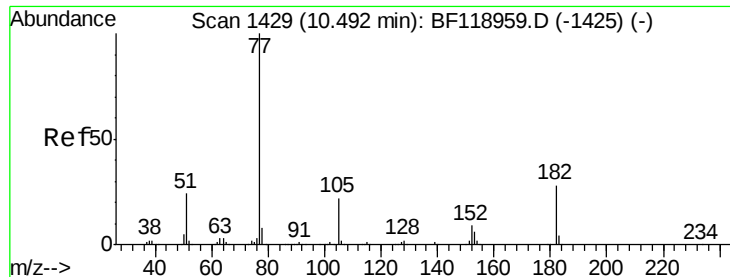
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

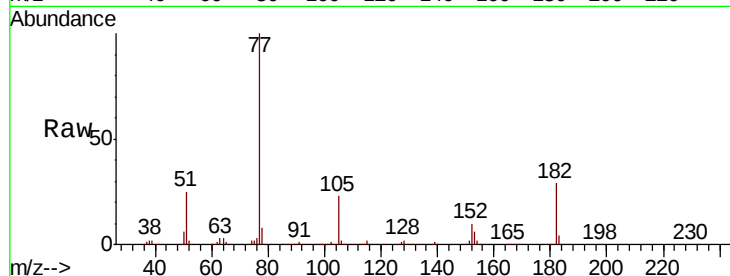




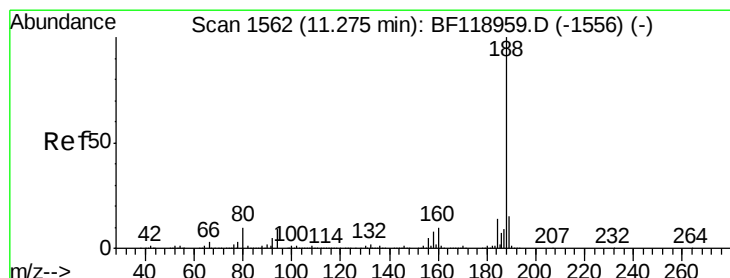
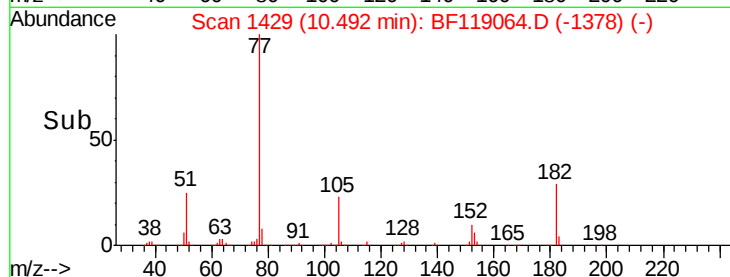
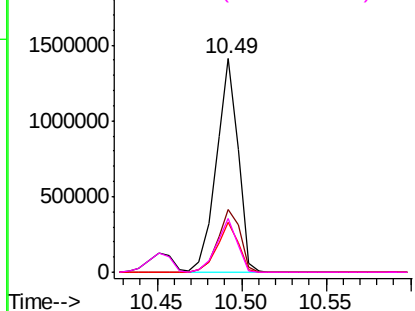
#63
Azobenzene
Concen: 40.018 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1261409
Ion Ratio Lower Upper
77 100
182 29.2 8.2 48.2
105 23.2 2.3 42.3
51 25.4 3.6 43.6

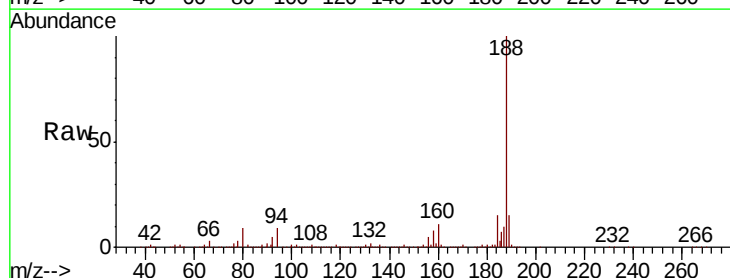


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

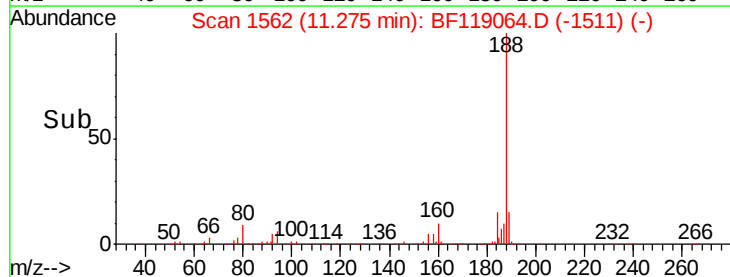
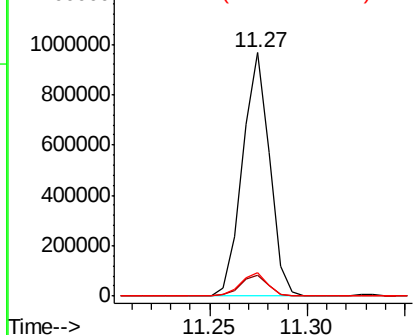


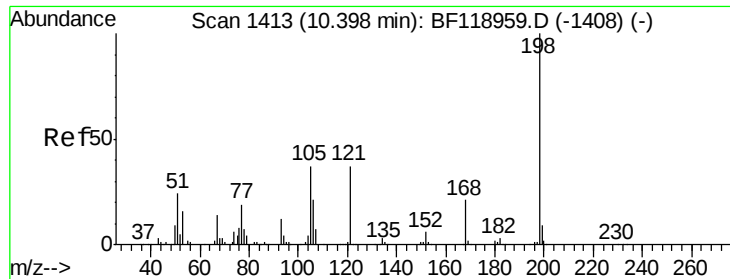
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion: 188 Resp: 929486
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.5 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

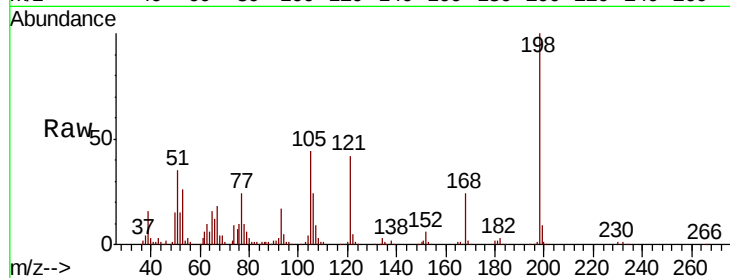




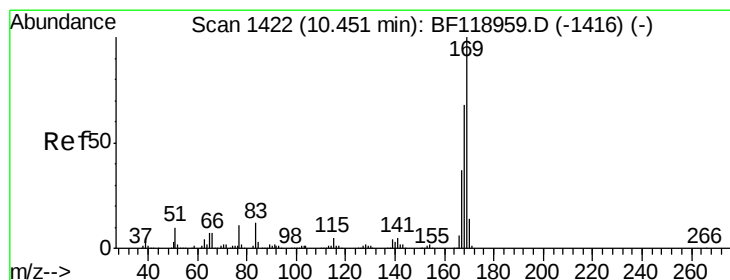
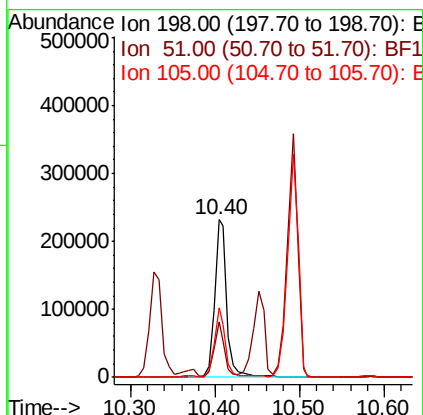
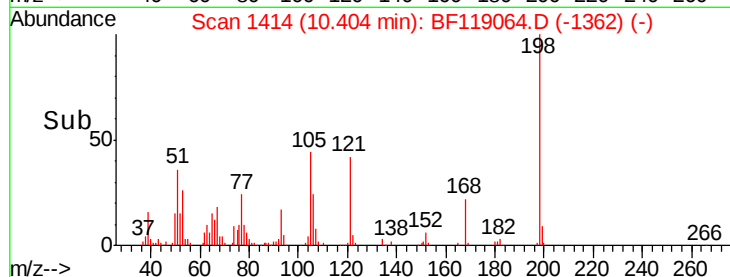
#65
4,6-Dinitro-2-methylphenol
Concen: 43.168 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 242798
Ion Ratio Lower Upper
198 100
51 35.4 7.1 47.1
105 43.9 18.3 58.3

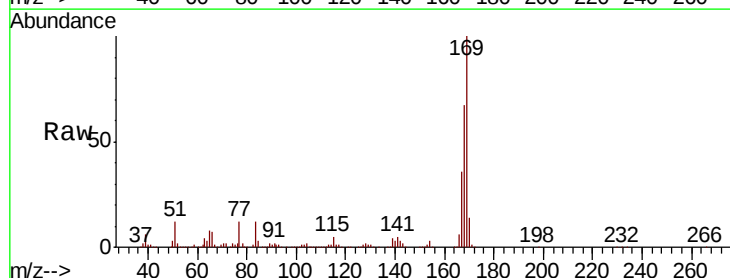


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

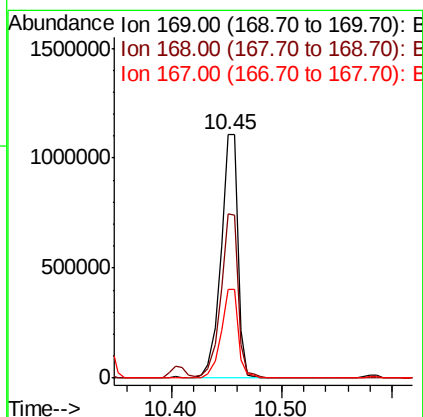
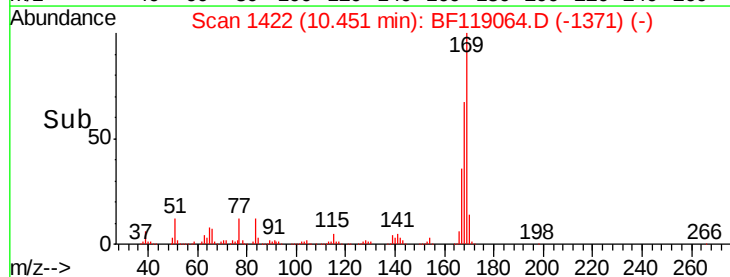


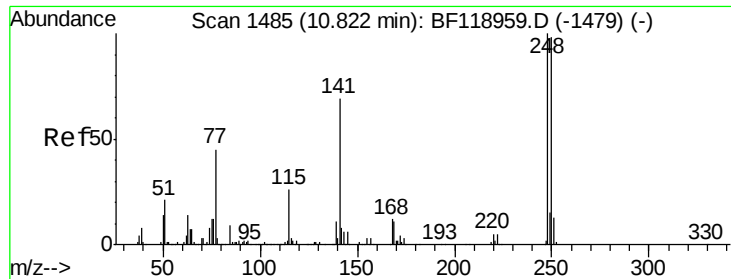
#66
n-Nitrosodiphenylamine
Concen: 39.009 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion:169 Resp: 1187229
Ion Ratio Lower Upper
169 100
168 67.5 54.2 81.2
167 36.5 29.4 44.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

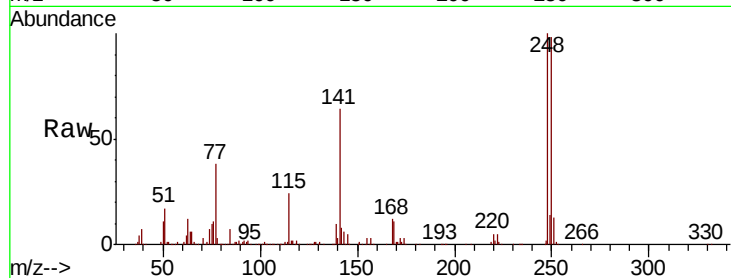




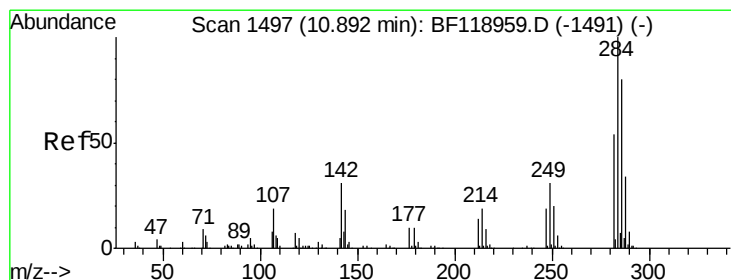
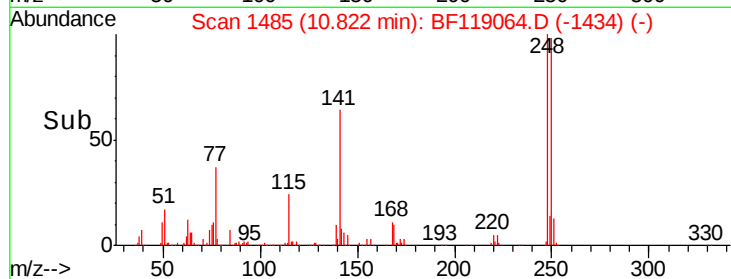
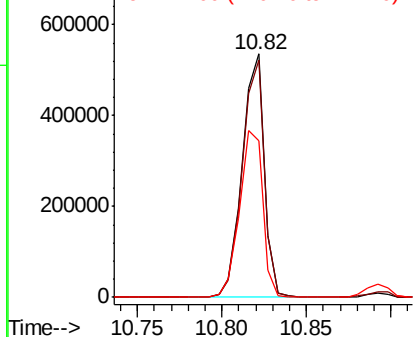
#67
4-Bromophenyl-phenylether
Concen: 40.486 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.8	118.2
141	64.3	55.3	82.9

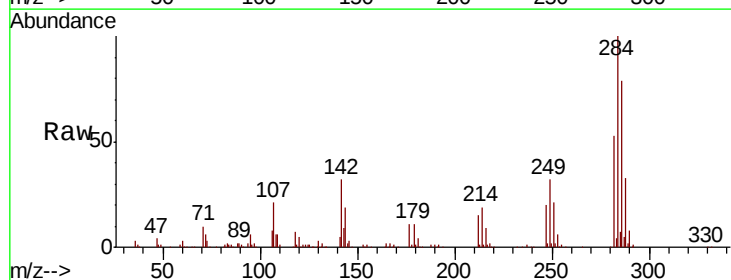


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

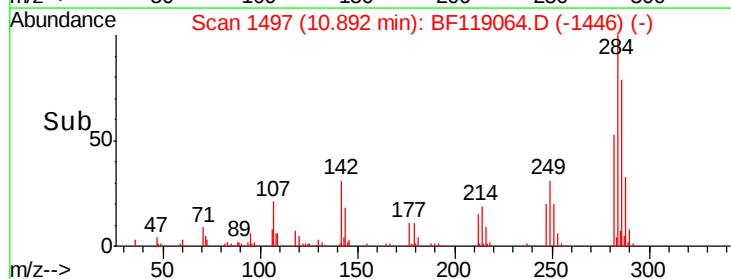
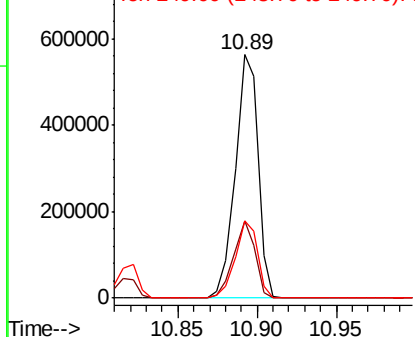


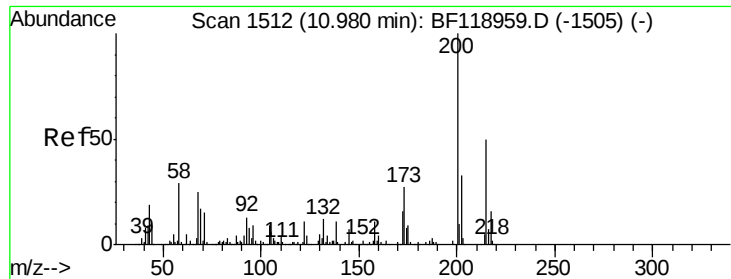
#68
Hexachlorobenzene
Concen: 40.065 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.0	37.6
249	31.6	25.0	37.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

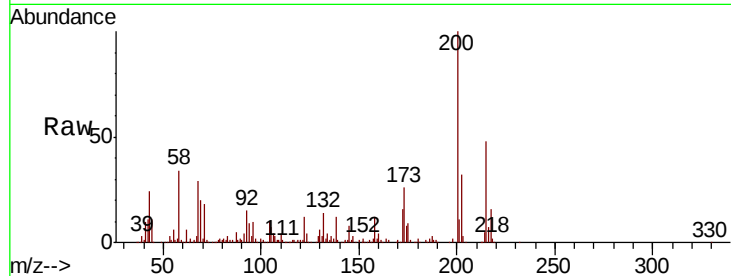




#69
Atrazine
Concen: 37.450 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.9	46.9
215	47.9	29.7	69.7

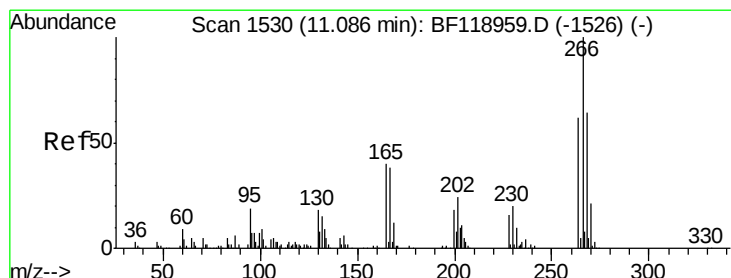
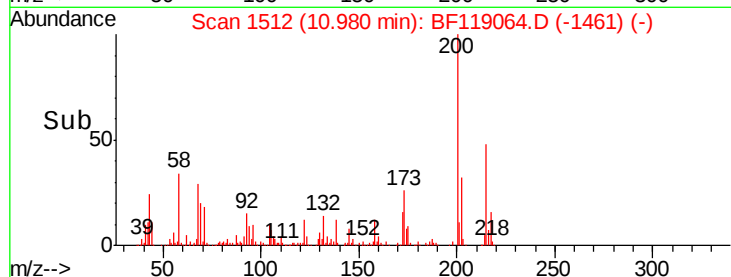
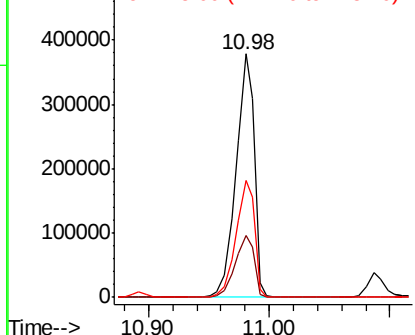


Abundance

Ion 200.00 (199.70 to 200.70): E

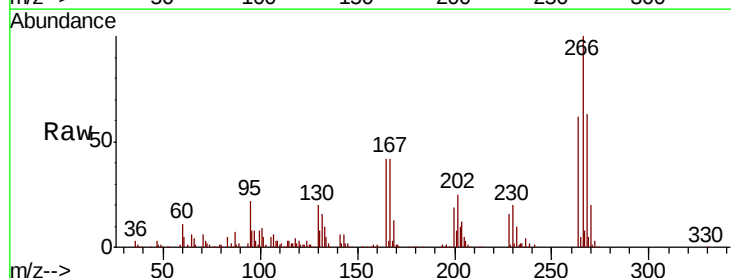
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 42.185 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.4	77.0
264	62.2	49.5	74.3

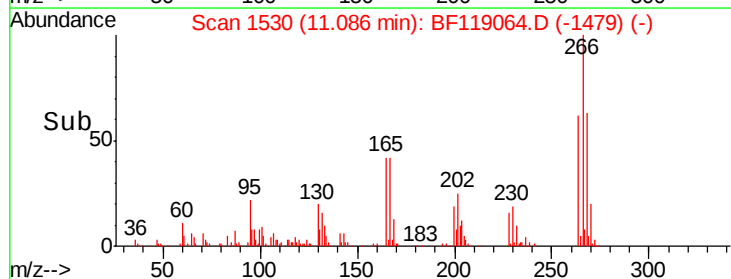
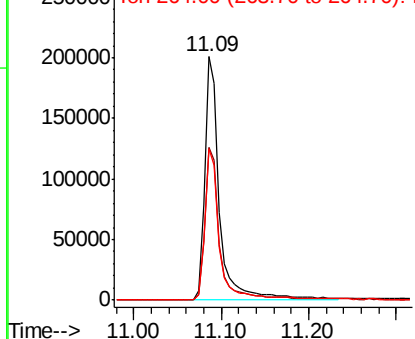


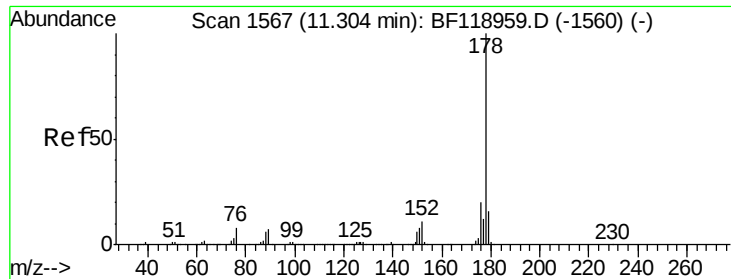
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.927 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampled :

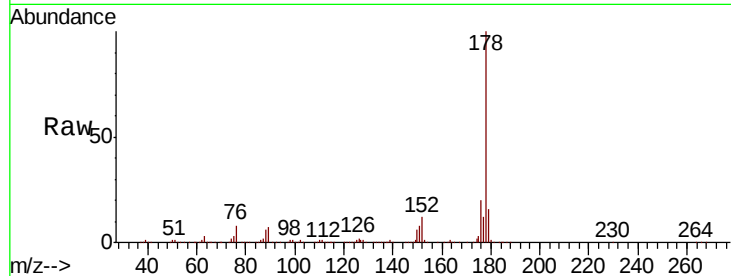
Tot Ion:178 Resp: 1922505

Ion Ratio Lower Upper

178 100

176 20.4 15.6 23.4

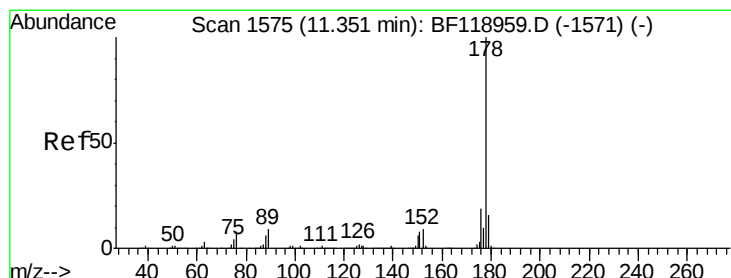
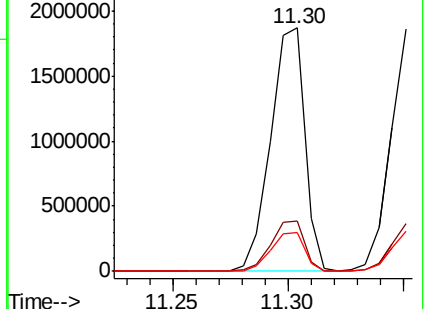
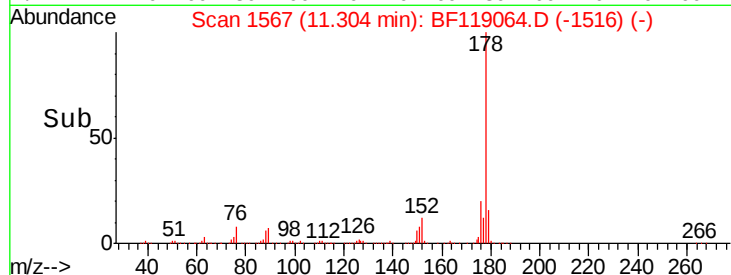
179 15.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.471 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

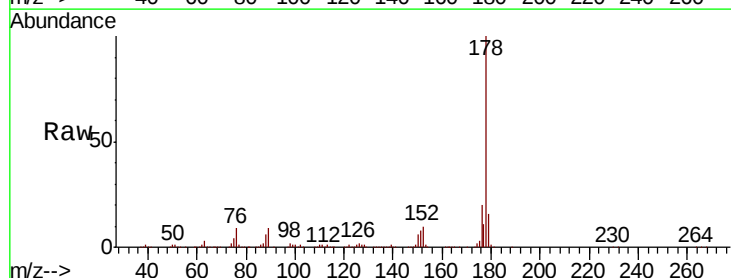
Tgt Ion:178 Resp: 1948470

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

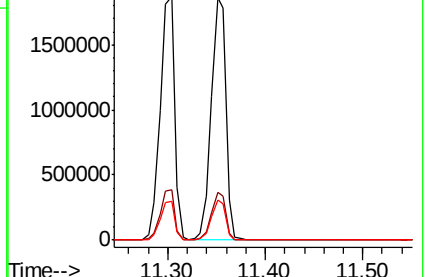
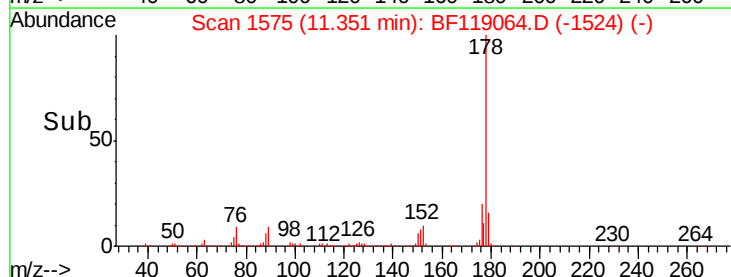
179 16.5 12.8 19.2

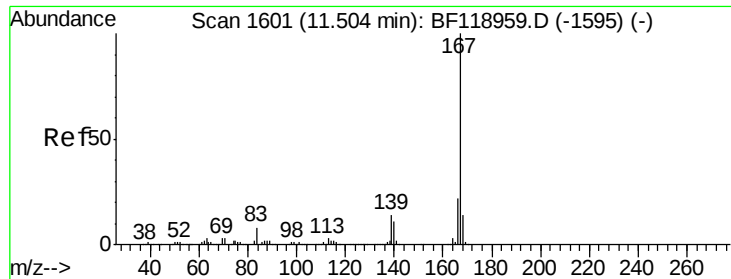


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.584 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

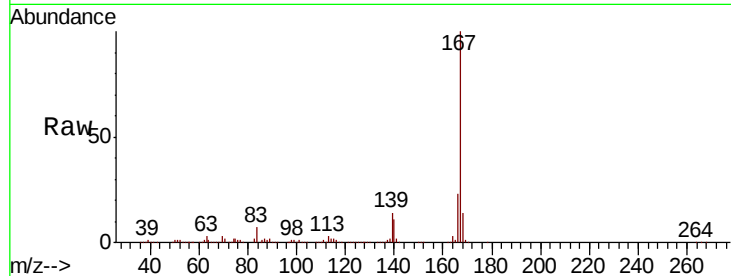
Tot Ion:167 Resp: 1740949

Ion Ratio Lower Upper

167 100

166 22.6 17.8 26.6

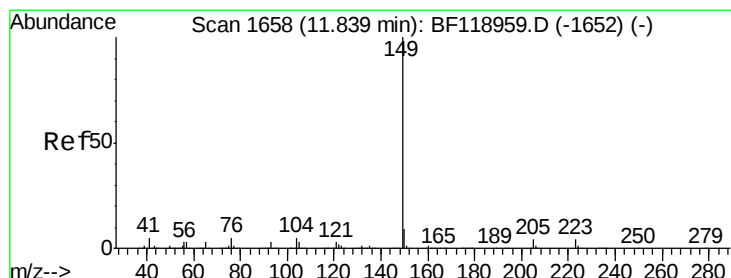
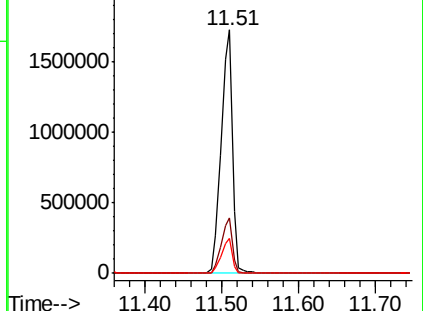
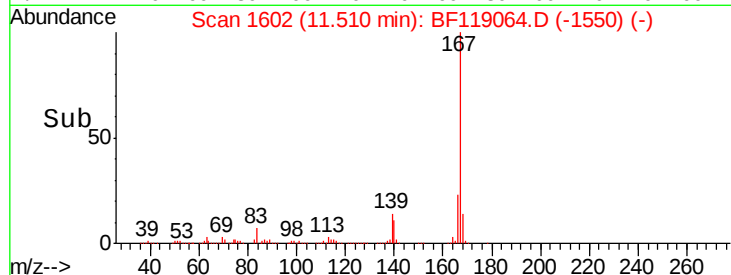
139 14.1 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.002 ng

RT: 11.84 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

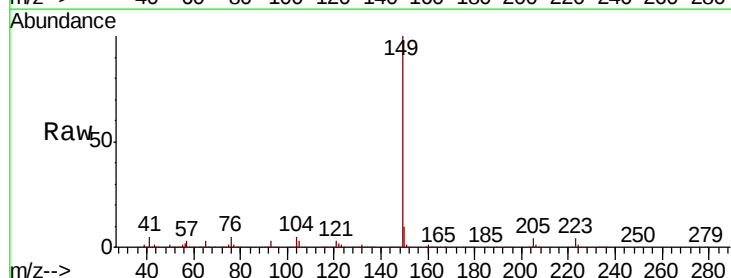
Tgt Ion:149 Resp: 2295057

Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

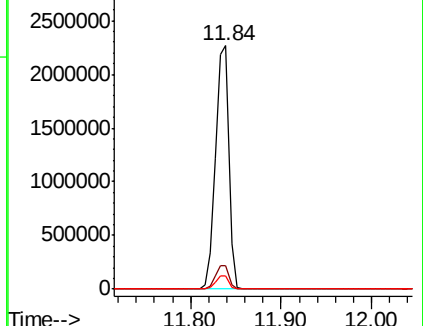
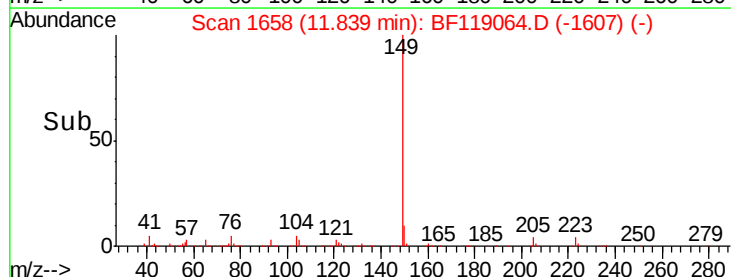
104 5.3 4.0 6.0

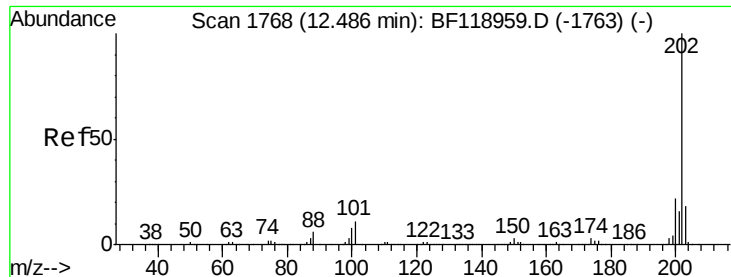


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.544 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampled :

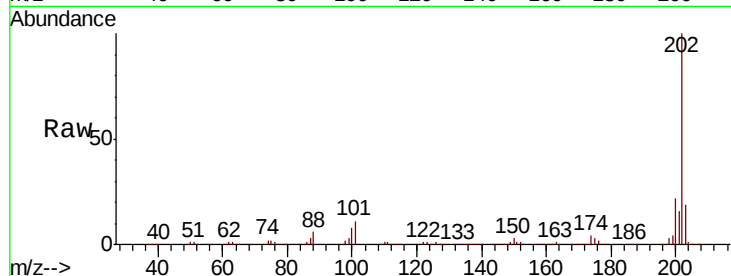
Tot Ion:202 Resp: 2073885

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.1

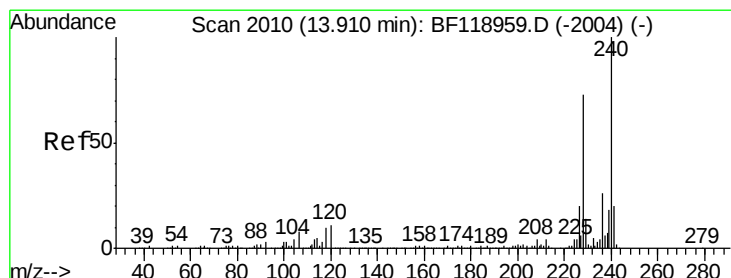
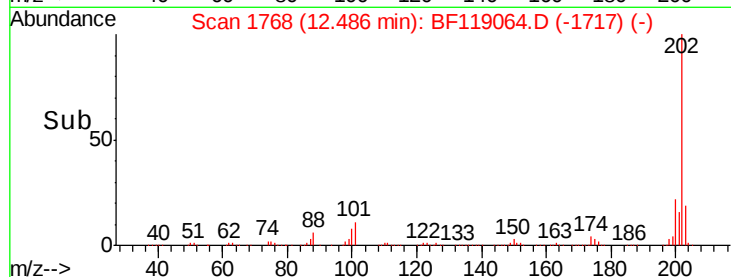
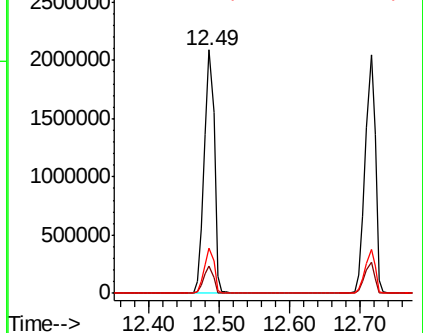
203 18.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

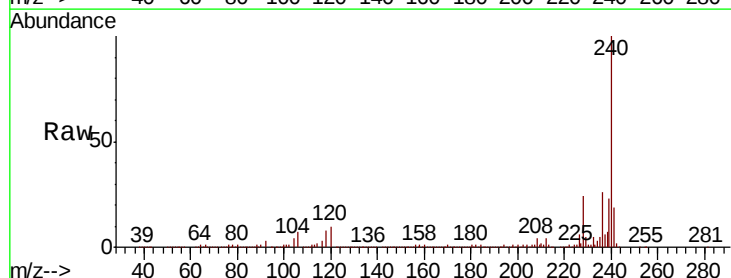
Tgt Ion:240 Resp: 675068

Ion Ratio Lower Upper

240 100

120 9.5 8.9 13.3

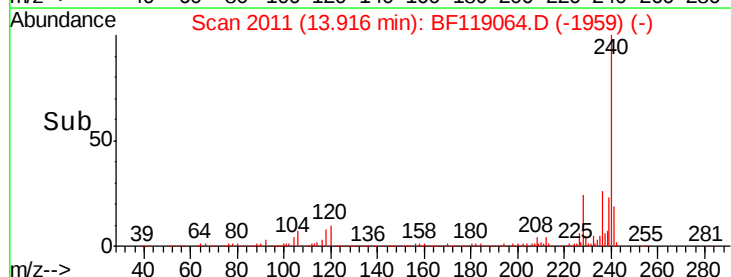
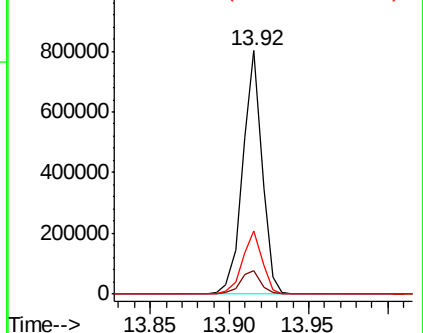
236 26.1 20.6 30.8

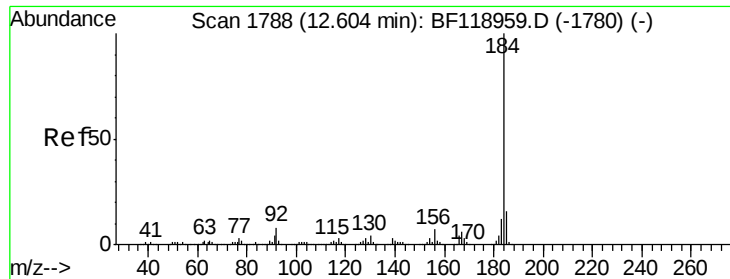


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.960 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampled :

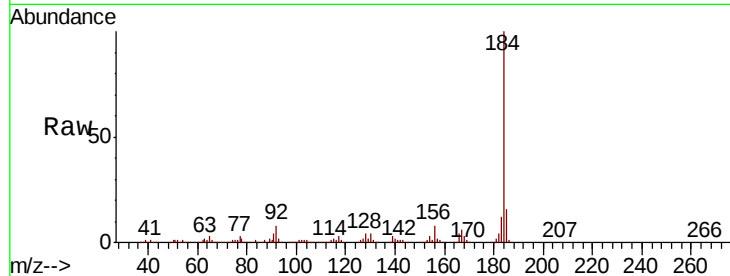
Tot Ion:184 Resp: 877431

Ion Ratio Lower Upper

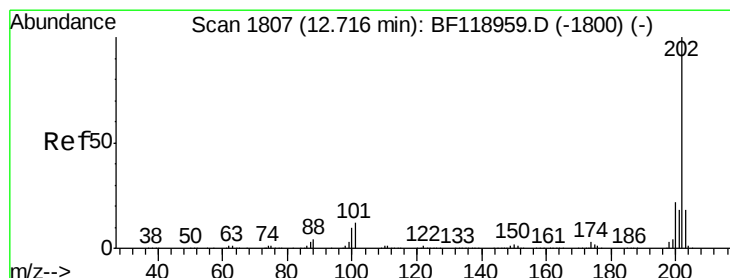
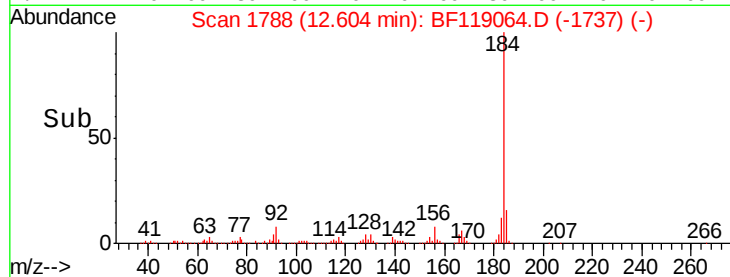
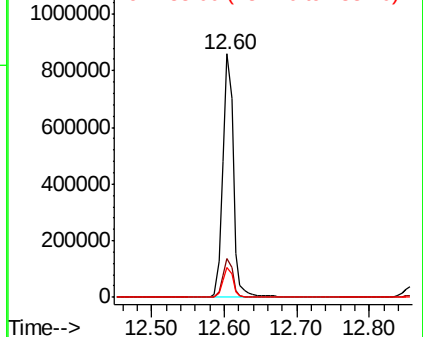
184 100

185 15.9 12.6 19.0

183 12.4 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.856 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

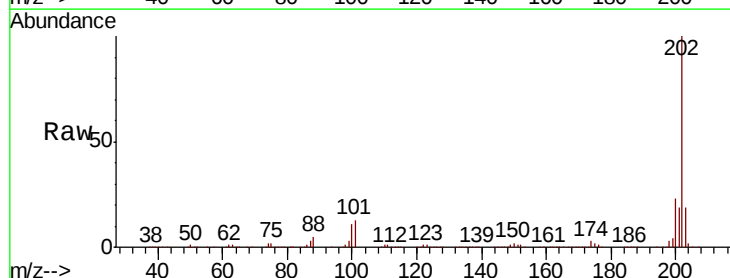
Tgt Ion:202 Resp: 2052080

Ion Ratio Lower Upper

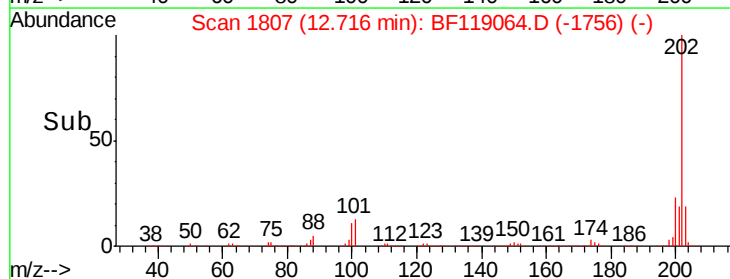
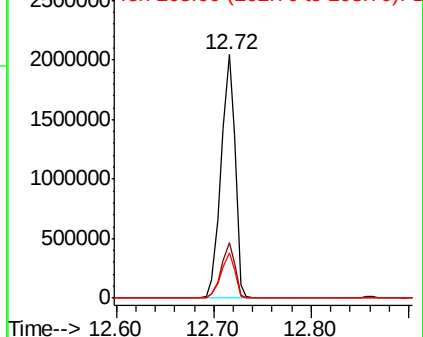
202 100

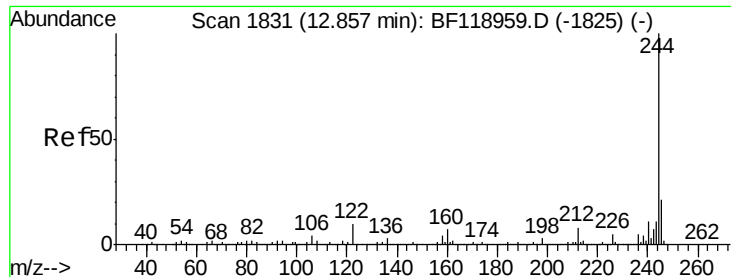
200 23.0 17.4 26.0

203 18.6 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.509 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

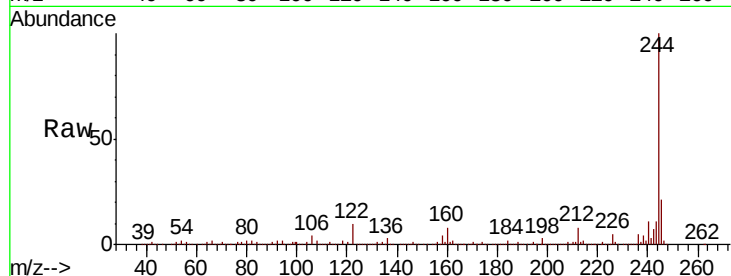
Tot Ion:244 Resp: 3078344

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

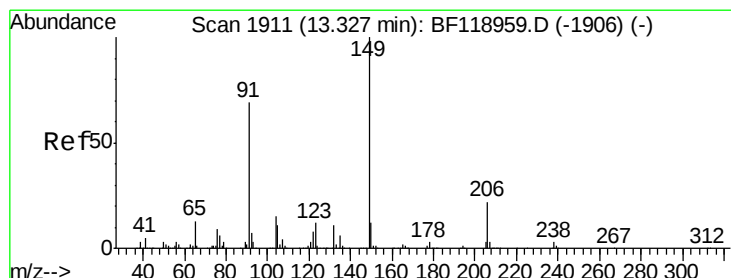
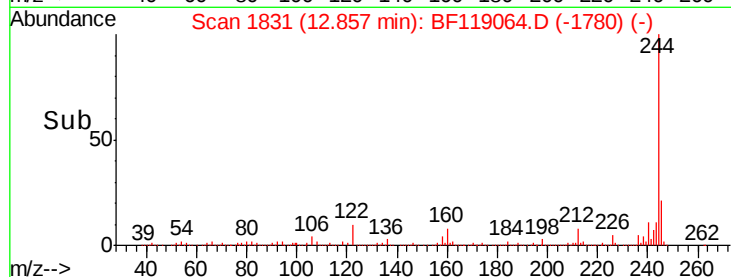
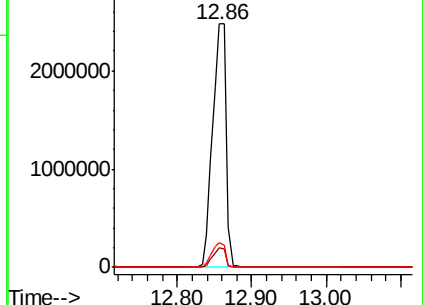
122 10.4 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.820 ng

RT: 13.33 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

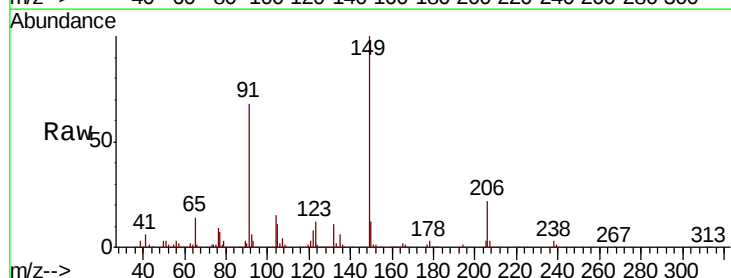
Tgt Ion:149 Resp: 999720

Ion Ratio Lower Upper

149 100

91 68.4 55.4 83.2

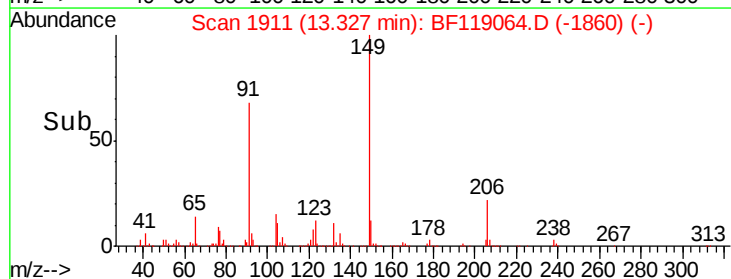
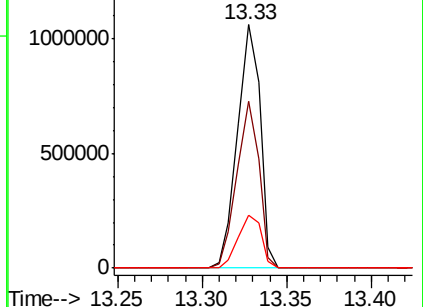
206 21.7 17.7 26.5

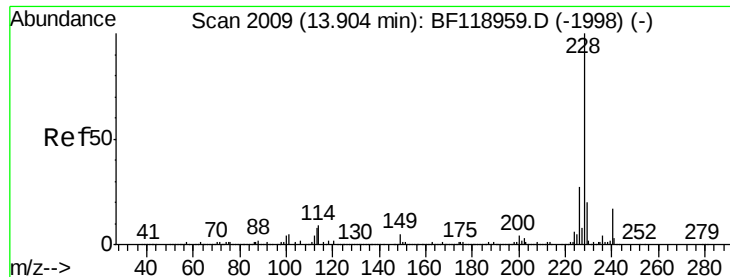


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.953 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

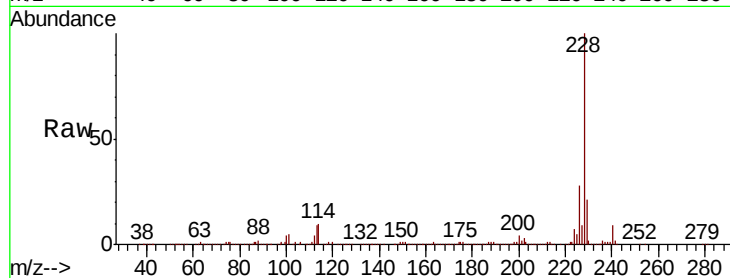
Tot Ion:228 Resp: 1791713

Ion Ratio Lower Upper

228 100

226 28.3 21.8 32.8

229 20.6 16.0 24.0

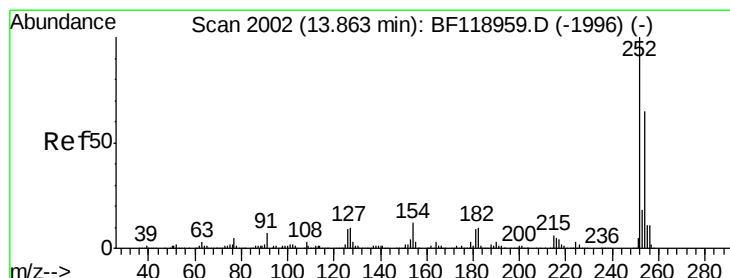
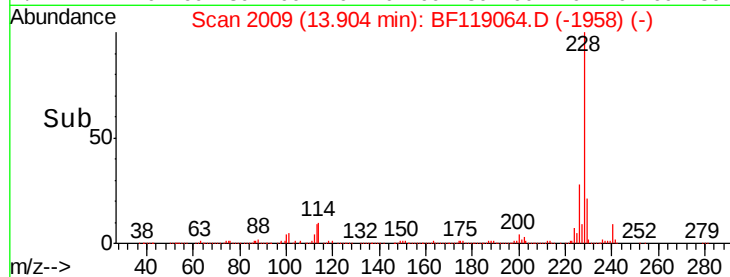
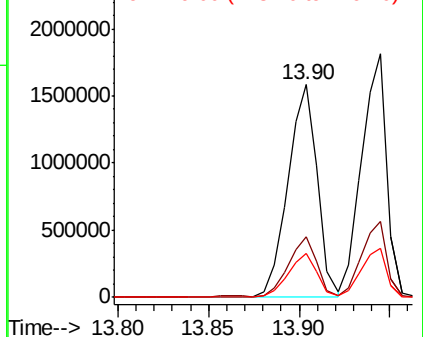


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.258 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

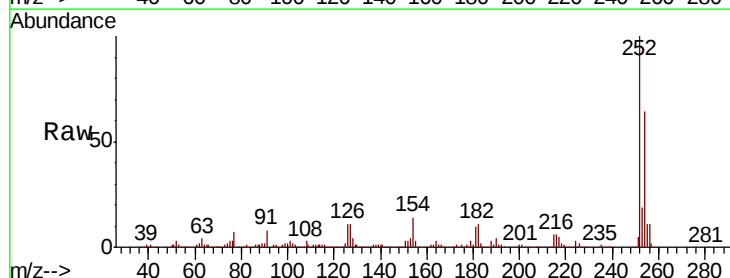
Tgt Ion:252 Resp: 719034

Ion Ratio Lower Upper

252 100

254 64.2 52.1 78.1

126 10.5 7.3 10.9

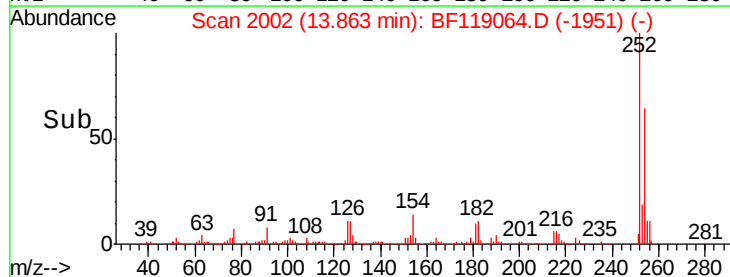
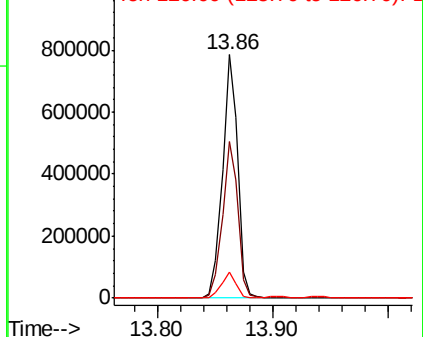


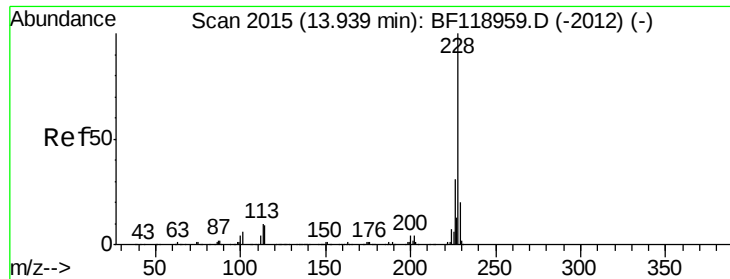
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

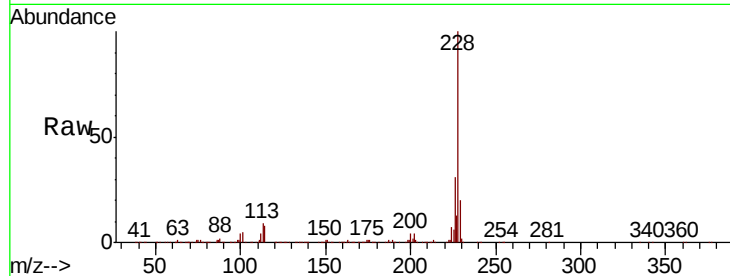




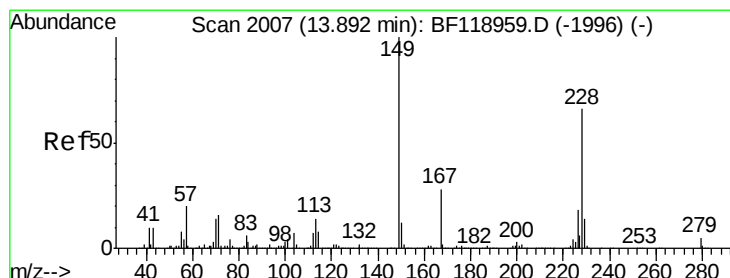
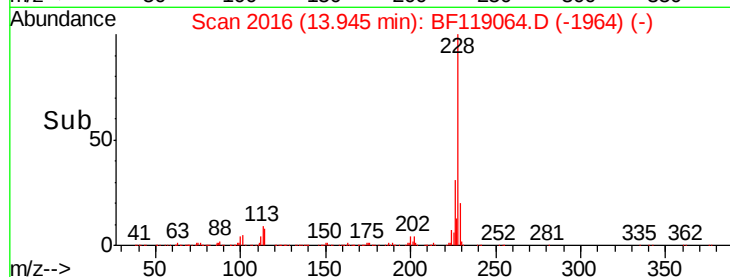
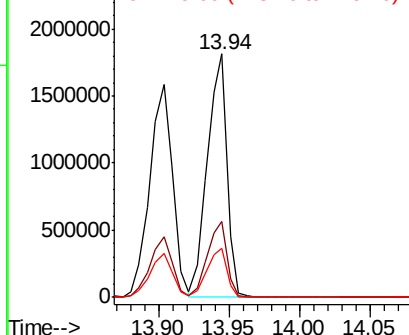
#83
 Chrvsene
 Concen: 38.167 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1749287
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.6 37.0
 229 20.4 16.2 24.2

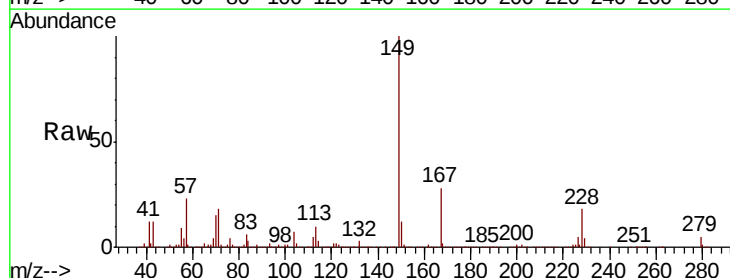


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

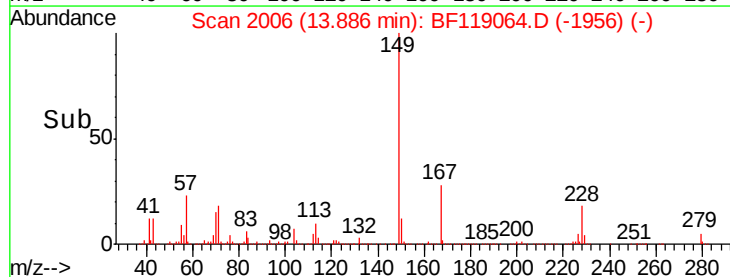
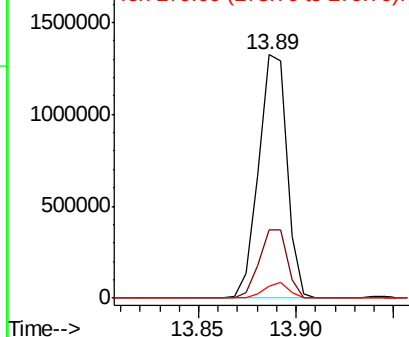


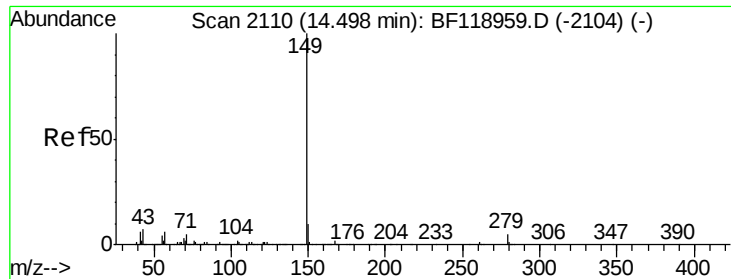
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.468 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

Tgt Ion:149 Resp: 1339337
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.3 33.5
 279 5.0 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.522 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Instrument :

BNA_F

ClientSampleId :

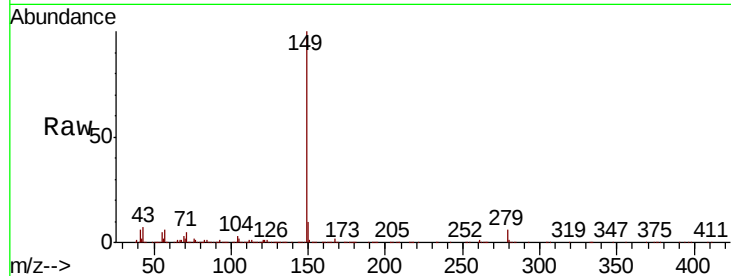
Tot Ion:149 Resp: 2136414

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

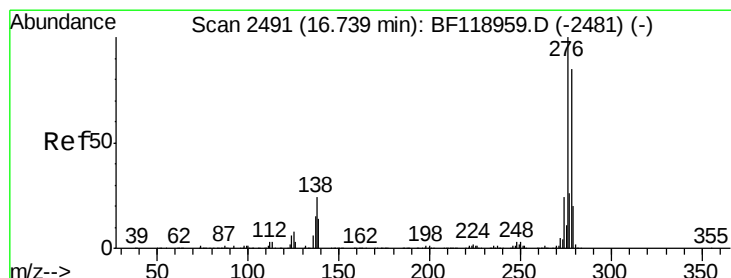
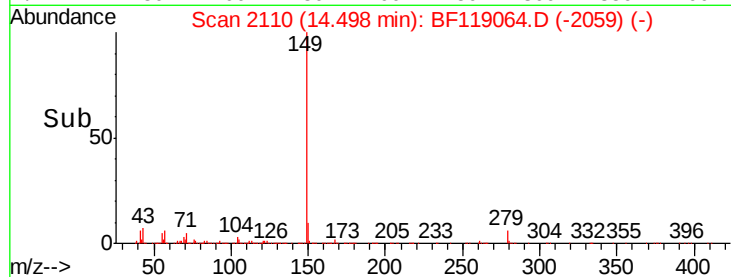
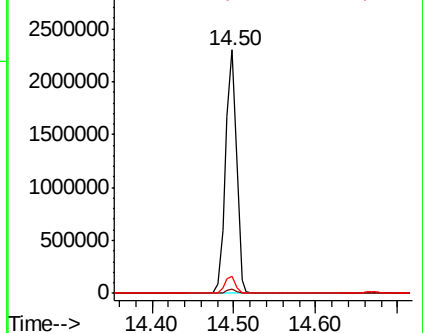
43 7.1 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.164 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.02 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

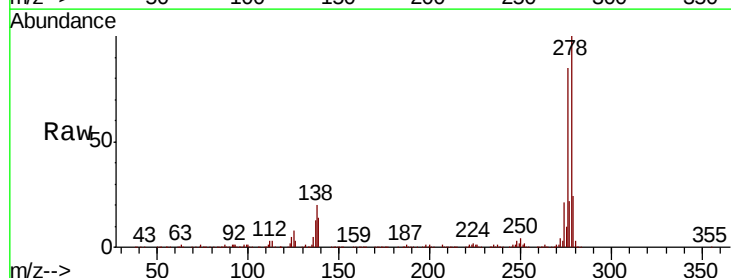
Tgt Ion:276 Resp: 1604886

Ion Ratio Lower Upper

276 100

138 21.6 18.7 28.1

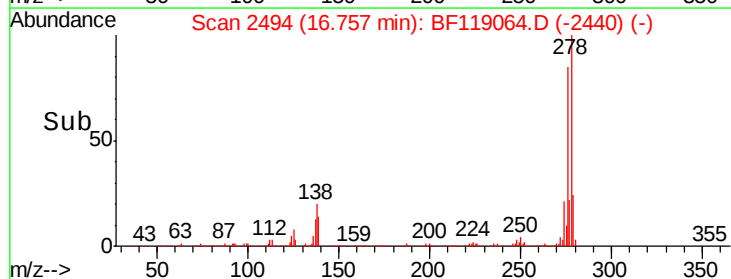
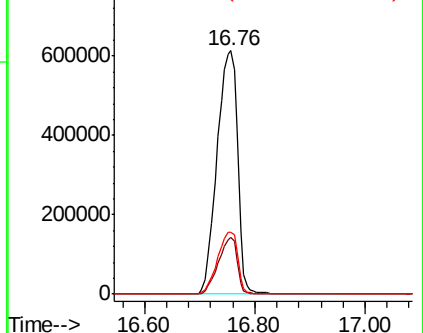
277 25.2 20.3 30.5

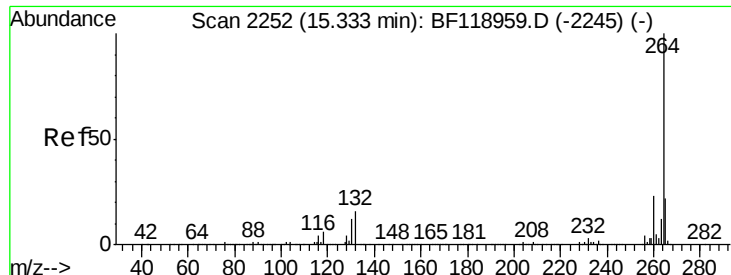


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

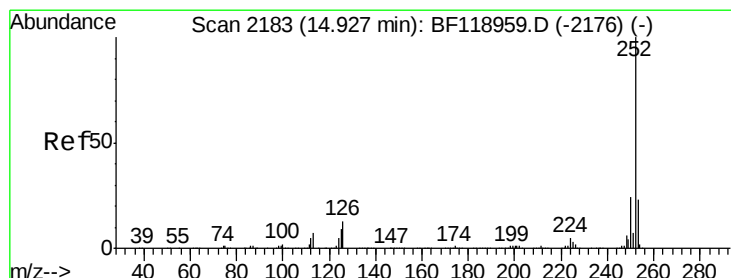
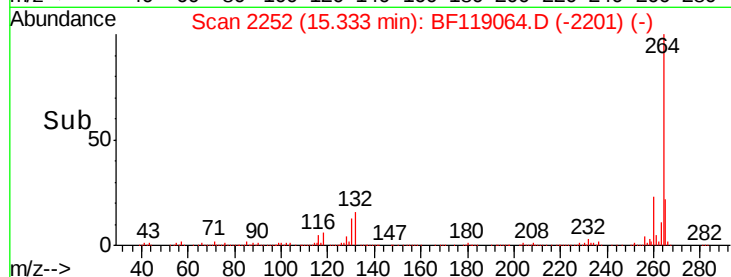
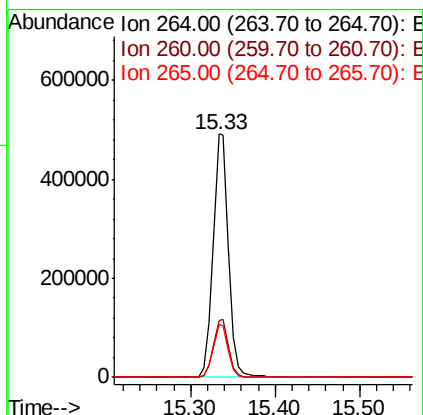
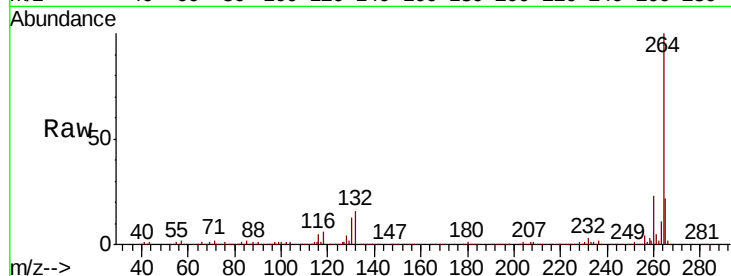




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

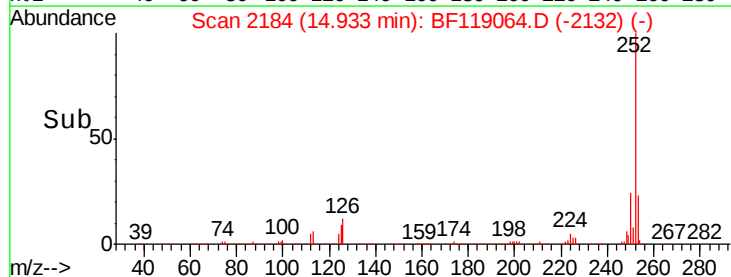
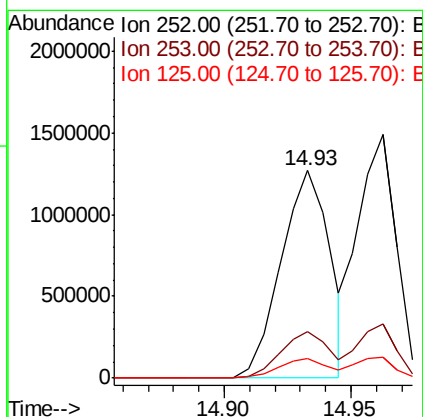
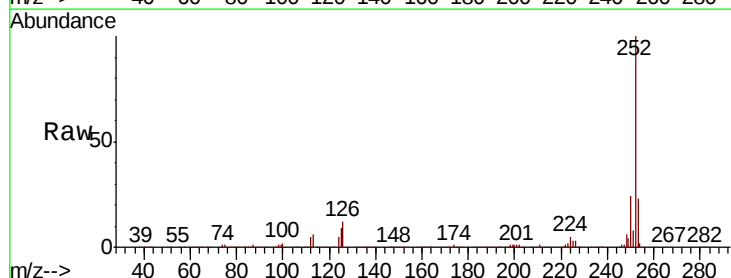
Instrument :
BNA_F
ClientSampleId :

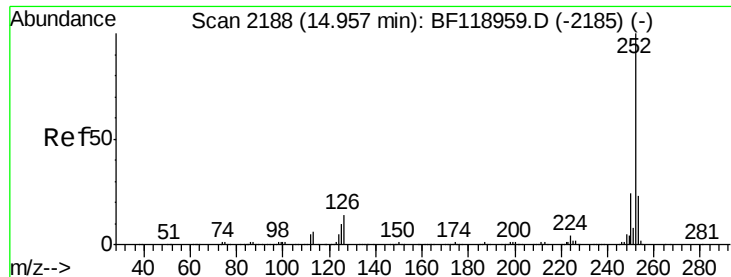
Tot Ion:264 Resp: 639227
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.8 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 40.370 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion:252 Resp: 1700945
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.5 7.4 11.0

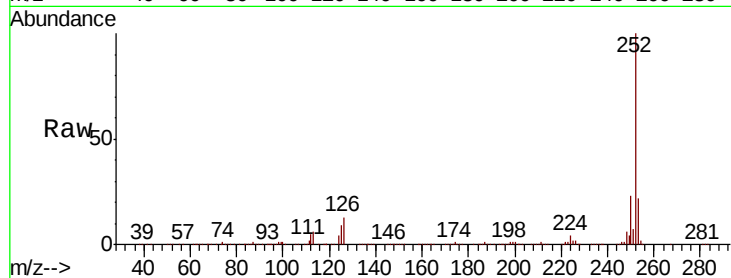




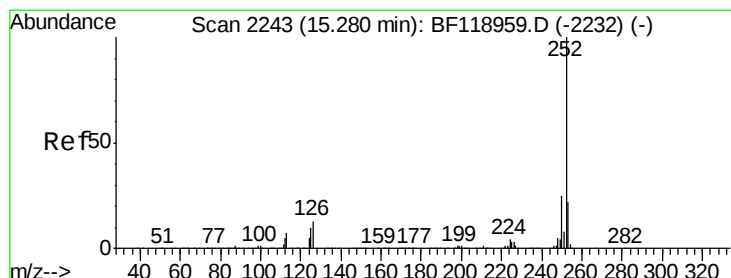
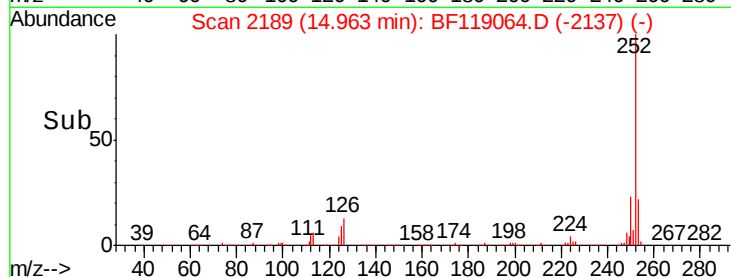
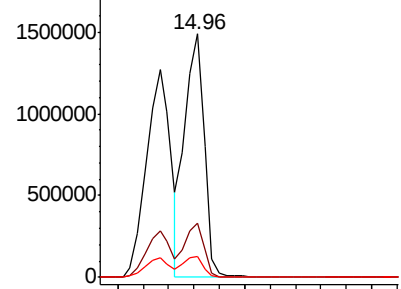
#89
Benzo(k)fluoranthene
Concen: 40.474 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1580380
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 8.8 7.3 10.9

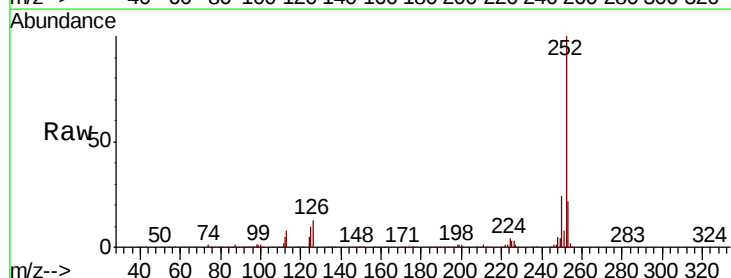


Abundance Ion 252.00 (251.70 to 252.70): E
2000000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

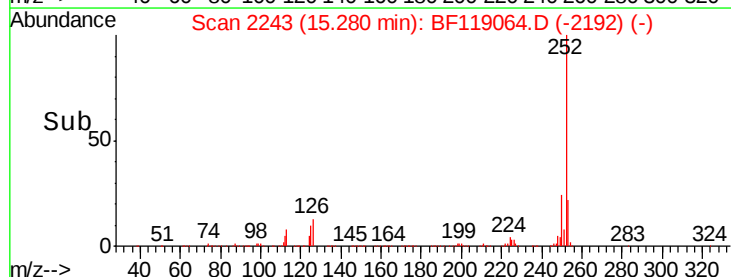
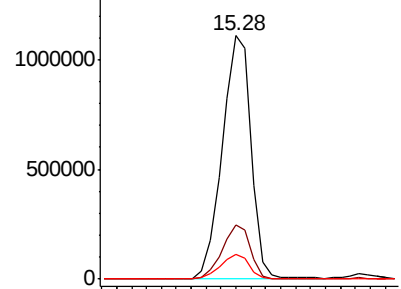


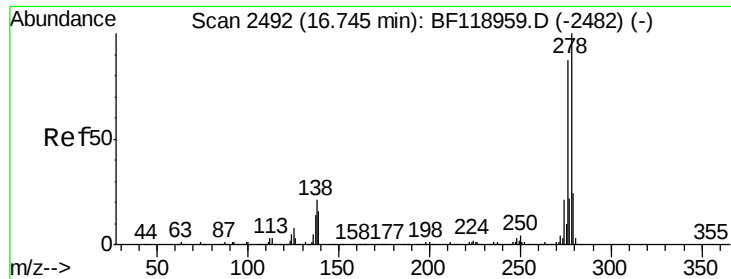
#90
Benzo(a)pyrene
Concen: 39.289 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Tgt Ion:252 Resp: 1494051
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.4 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E
1500000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.458 ng

RT: 16.76 min Scan# 2495

Delta R.T. 0.02 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

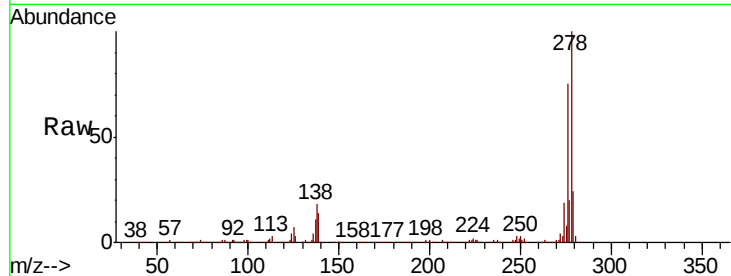
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1320257

Ion	Ratio	Lower	Upper
278	100		
139	13.8	12.6	18.8
279	24.0	19.0	28.6

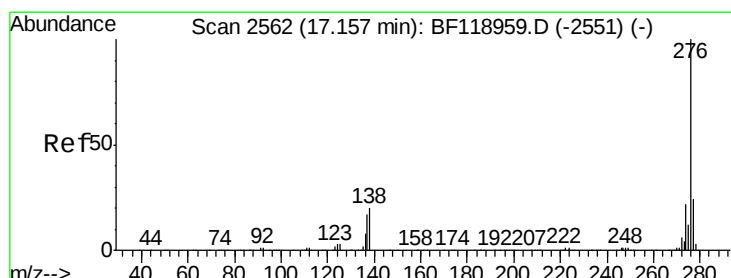
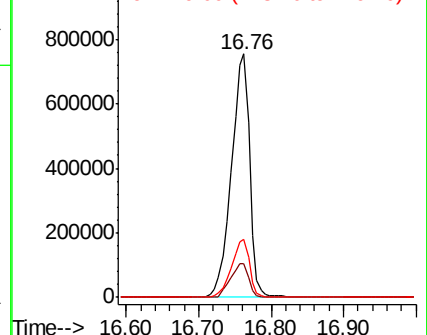
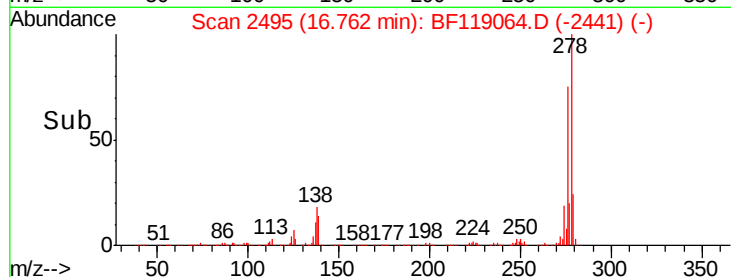


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.391 ng

RT: 17.17 min Scan# 2565

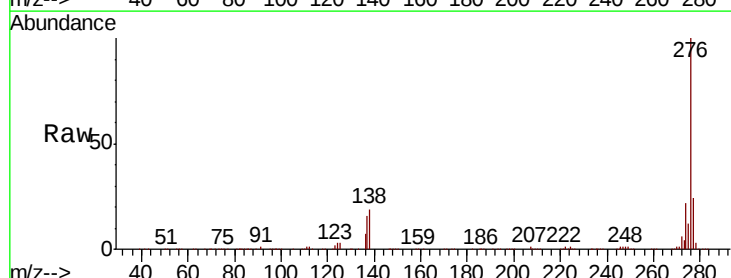
Delta R.T. 0.02 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Tgt Ion:276 Resp: 1269191

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	18.7	16.2	24.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

