

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 :
 SSTDCCC040

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

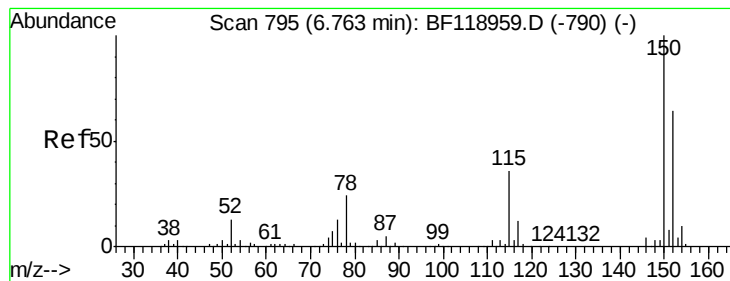
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	220372	40.886	nq	96
43) 2,4,6-Trichlorophenol	9.03	196	429092	40.047	nq	99
44) 2,4,5-Trichlorophenol	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

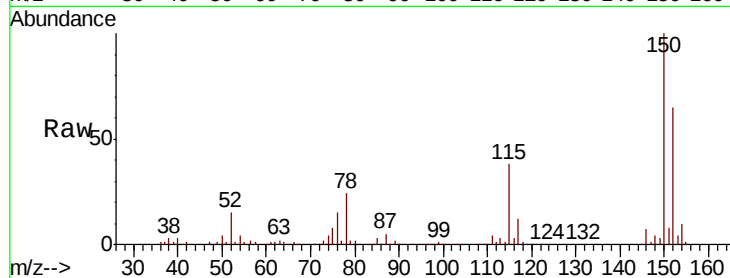


#1

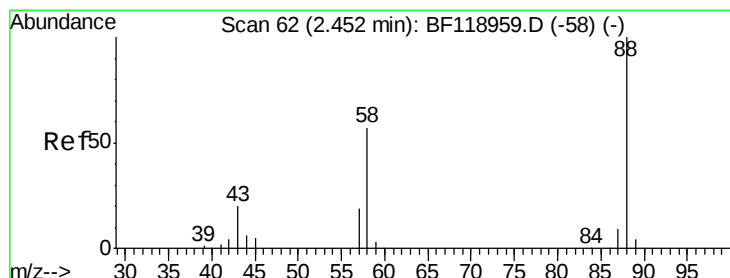
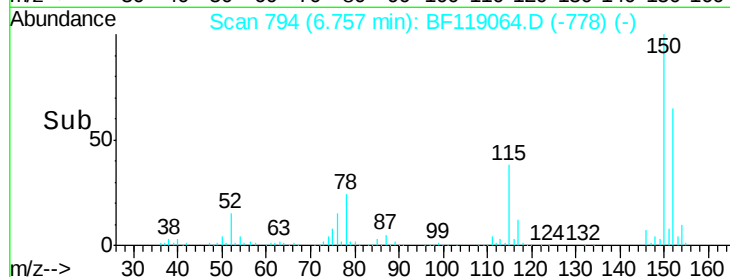
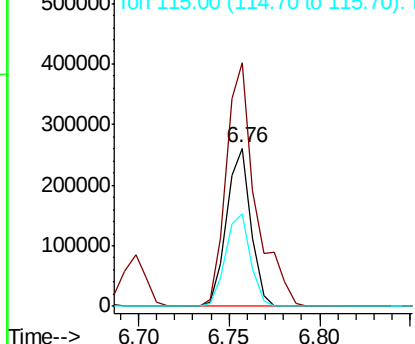
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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



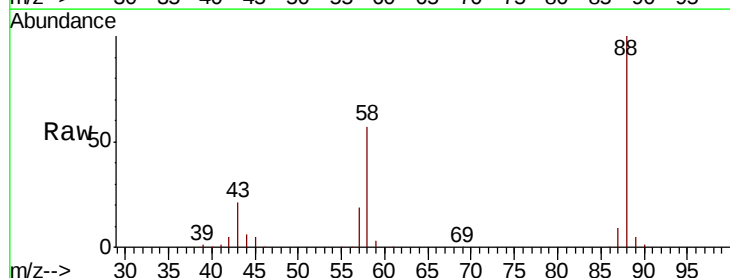
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



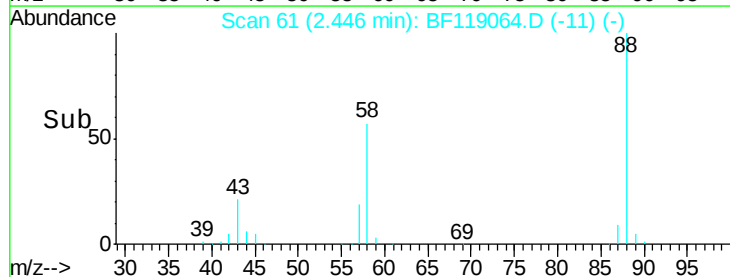
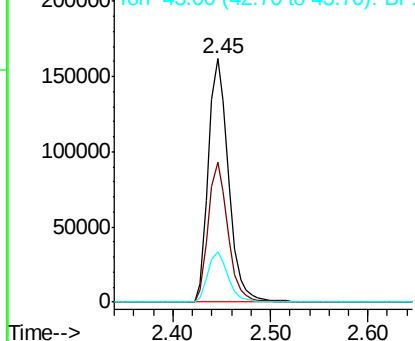
#2

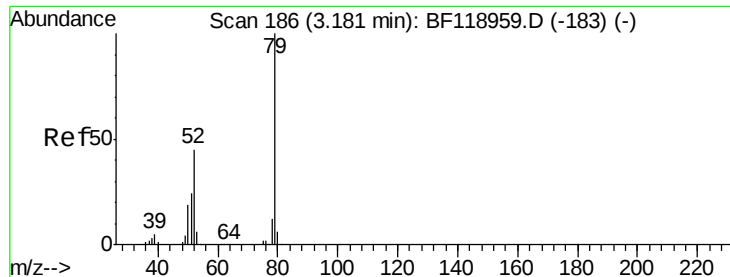
1,4-Dioxane
Concen: 36.162 ng
RT: 2.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

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



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#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 :

SSTDCCC040

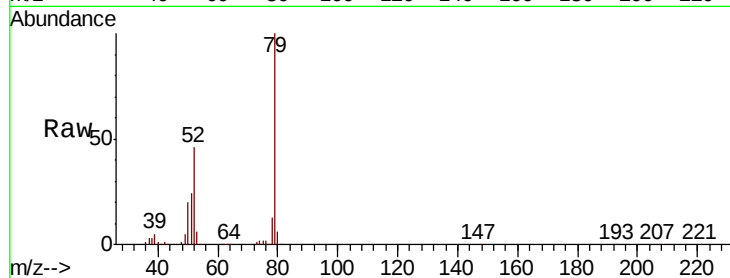
Tot Ion: 79 Resp: 657344

Ion Ratio Lower Upper

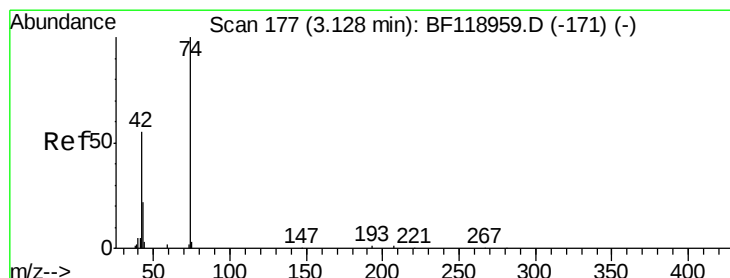
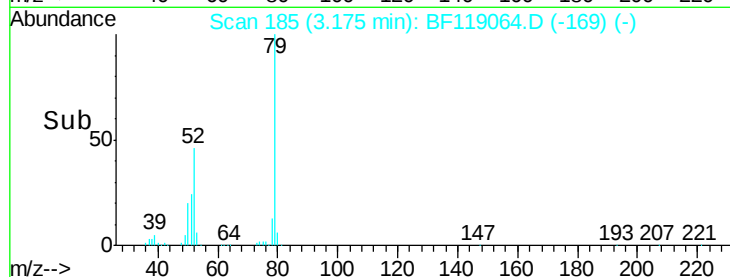
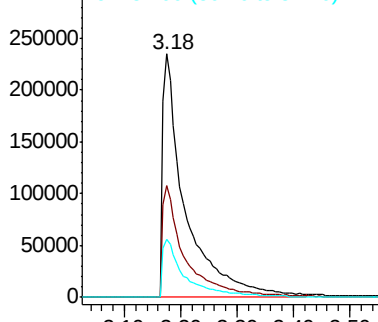
79 100

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

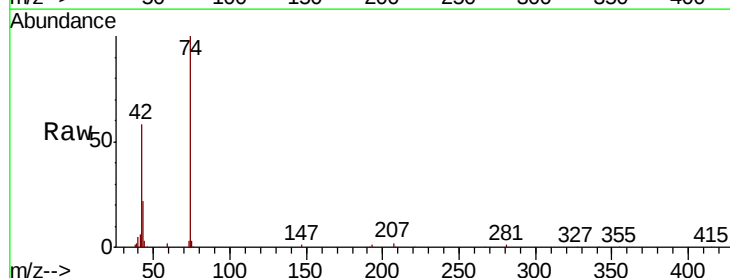
Tgt Ion: 42 Resp: 214624

Ion Ratio Lower Upper

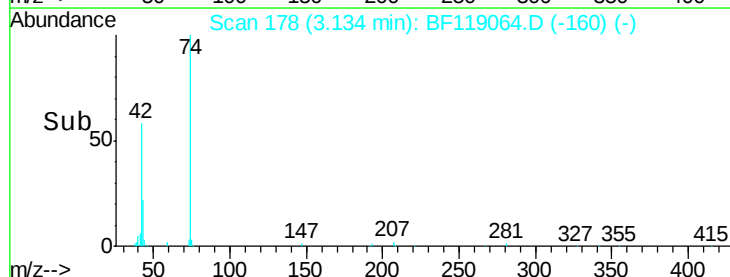
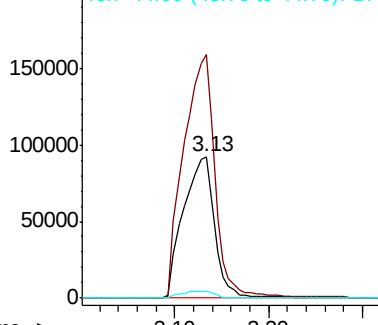
42 100

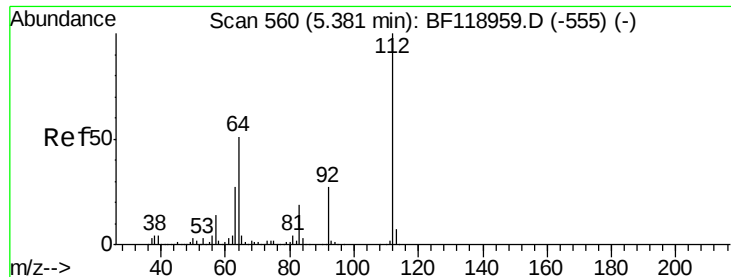
74 172.3 144.4 216.6

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

ClientSampleId :

SSTDCCC040

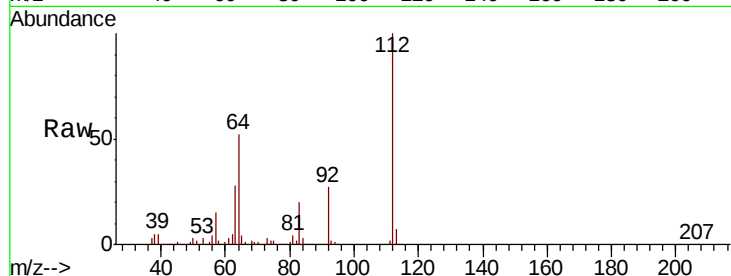
Tot Ion:112 Resp: 1109225

Ion Ratio Lower Upper

112 100

64 52.1 40.4 60.6

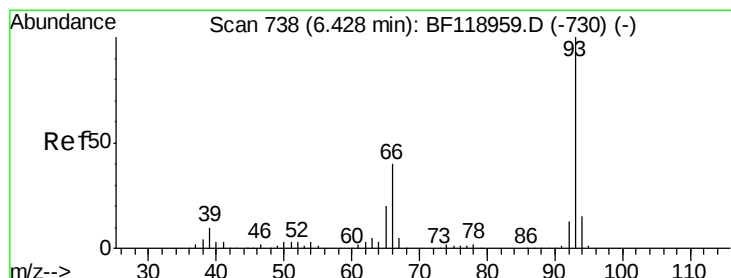
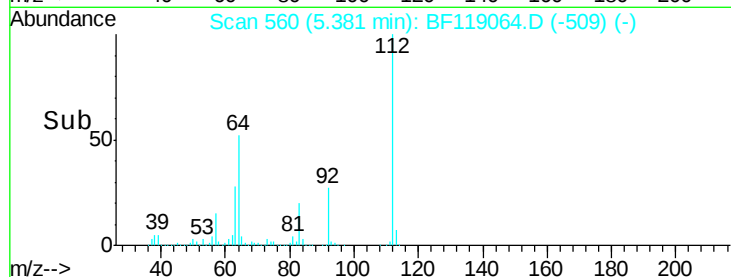
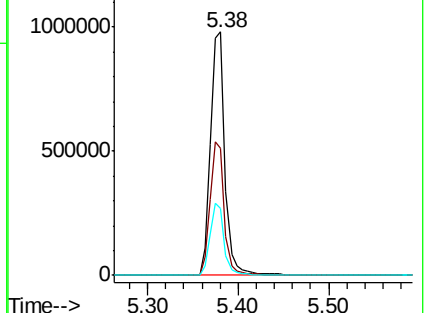
63 27.5 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): BF1

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

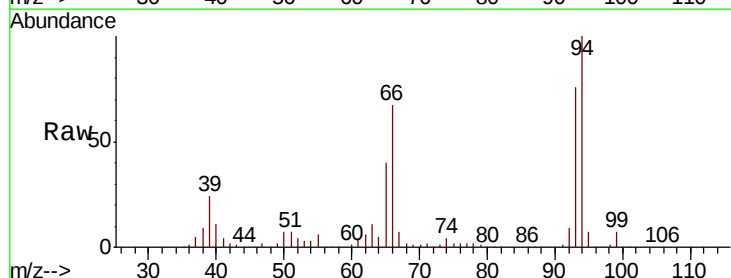
Tgt Ion: 93 Resp: 832734

Ion Ratio Lower Upper

93 100

66 88.7 32.2 48.2#

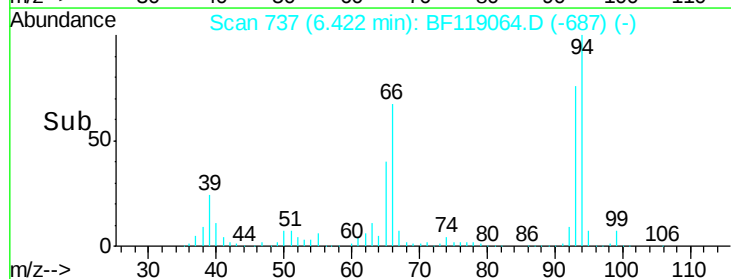
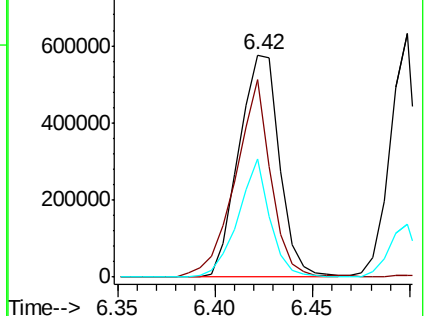
65 53.4 16.1 24.1#

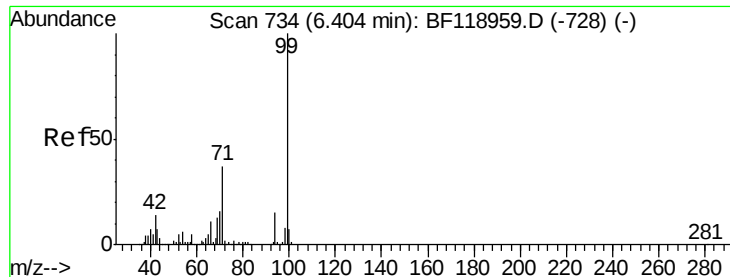


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

ClientSampleId :

SSTDCCC040

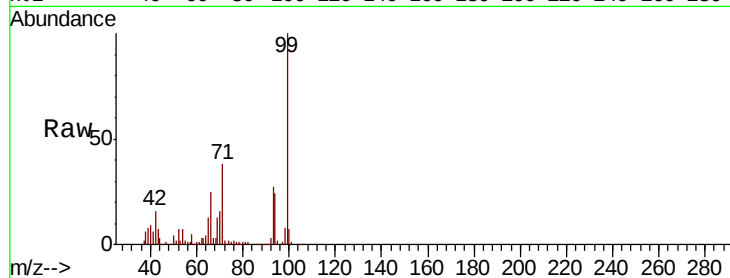
Tot Ion: 99 Resp: 1369513

Ion Ratio Lower Upper

99 100

42 15.6 11.4 17.0

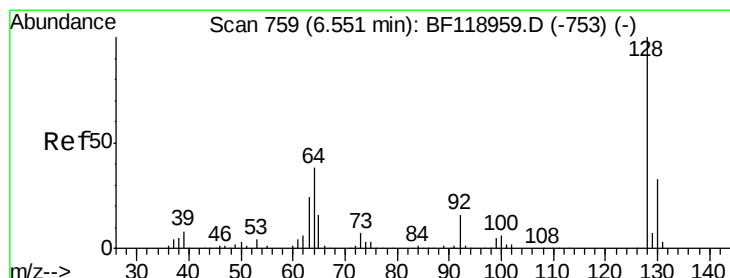
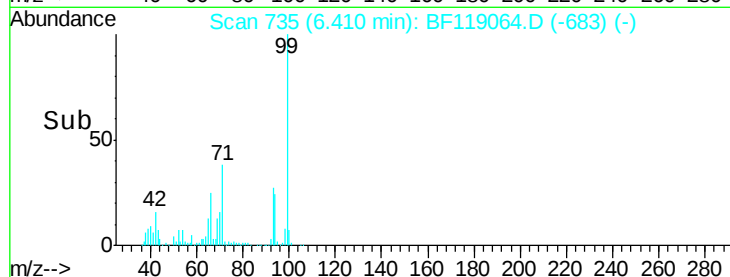
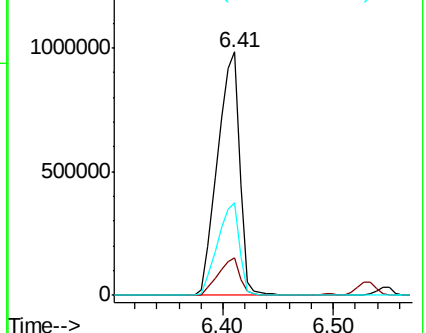
71 38.1 29.8 44.6



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

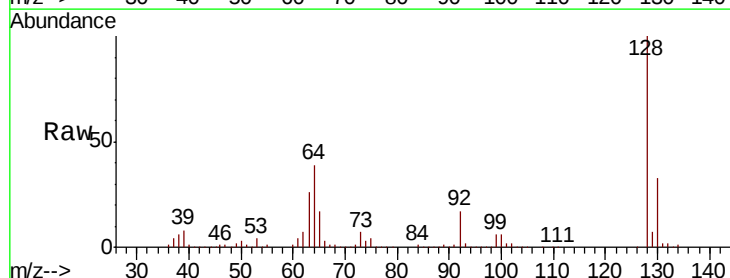
Tgt Ion: 128 Resp: 618803

Ion Ratio Lower Upper

128 100

130 33.1 12.7 52.7

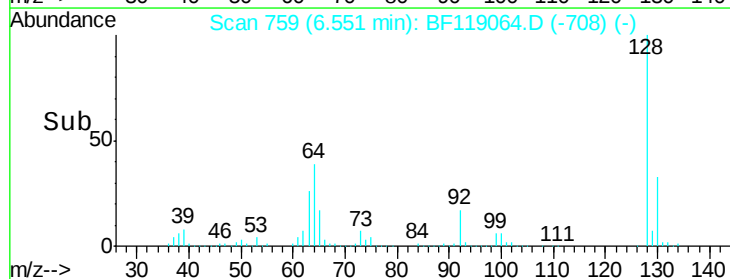
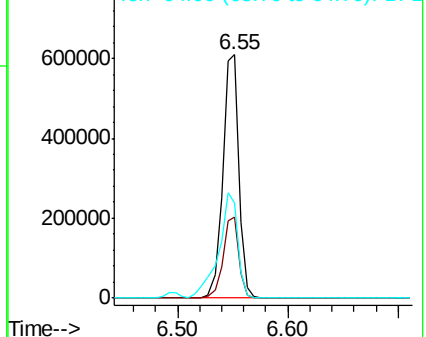
64 39.1 18.7 58.7

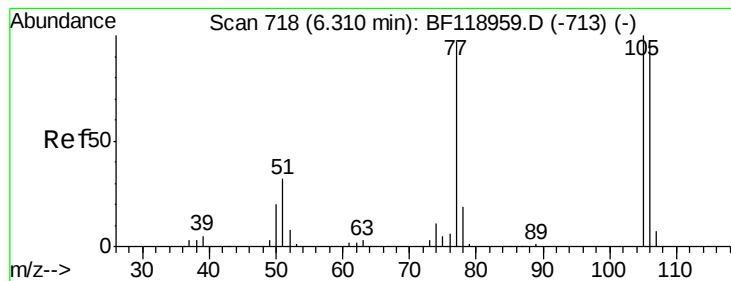


Abundance Ion 128.00 (127.70 to 128.70): E

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 :

SSTDCCC040

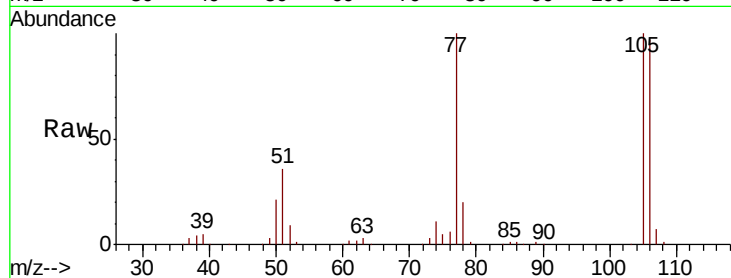
Tot Ion: 77 Resp: 403405

Ion Ratio Lower Upper

77 100

105 99.7 83.0 123.0

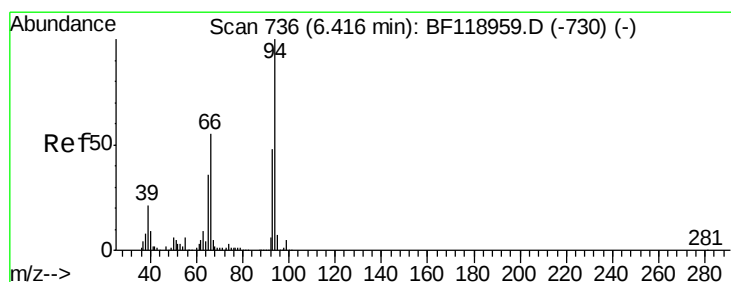
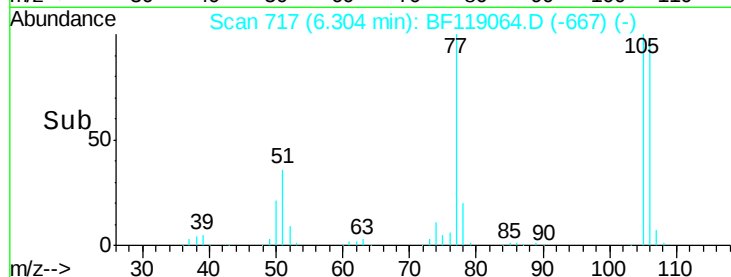
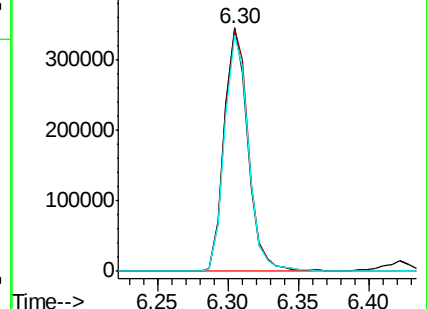
106 96.8 78.3 118.3



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

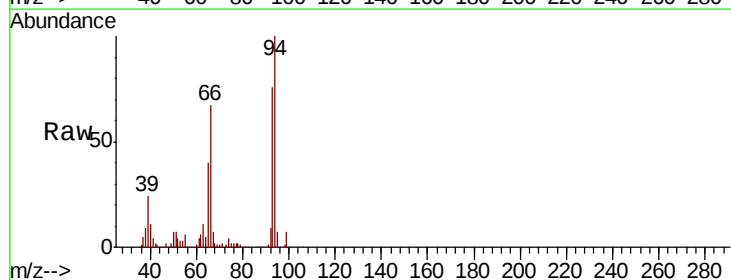
Tgt Ion: 94 Resp: 716436

Ion Ratio Lower Upper

94 100

65 40.3 15.5 55.5

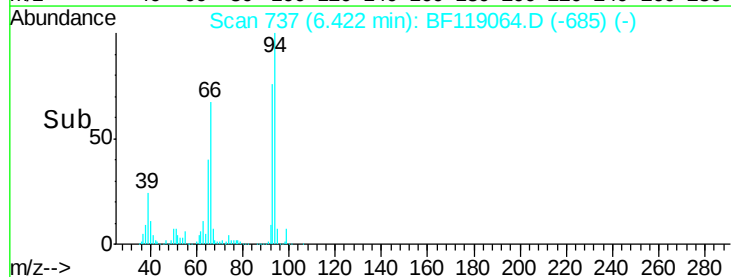
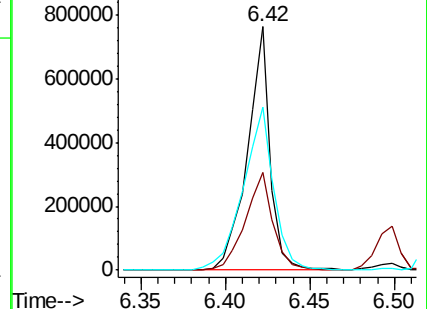
66 67.0 35.6 75.6

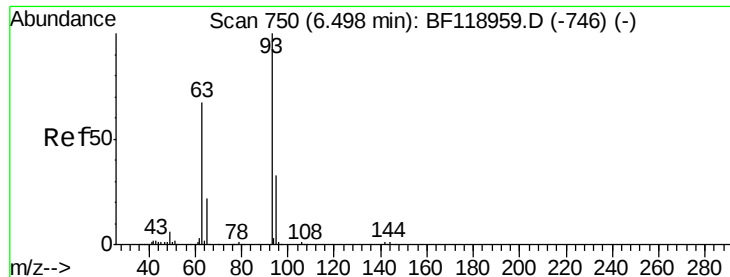


Abundance Ion 94.00 (93.70 to 94.70): BF1

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 :

SSTDCCC040

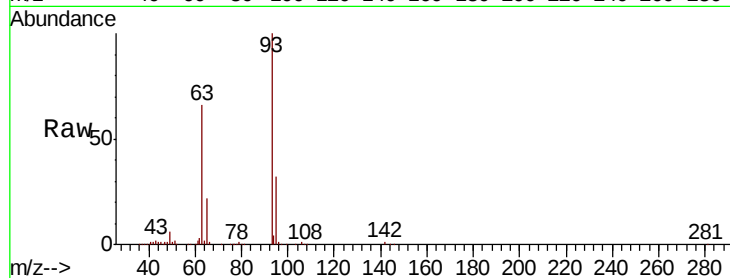
Tot Ion: 93 Resp: 586255

Ion Ratio Lower Upper

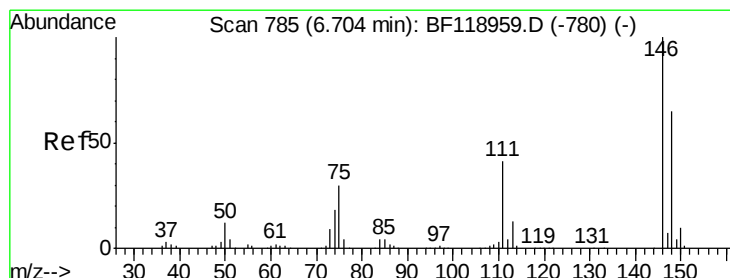
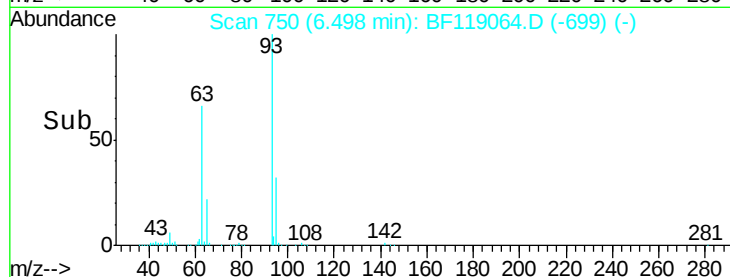
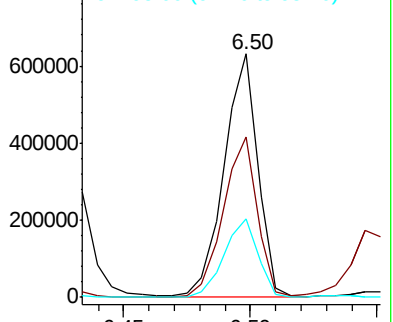
93 100

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

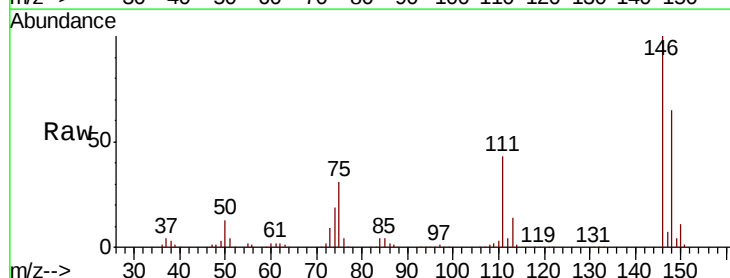
Tgt Ion: 146 Resp: 727204

Ion Ratio Lower Upper

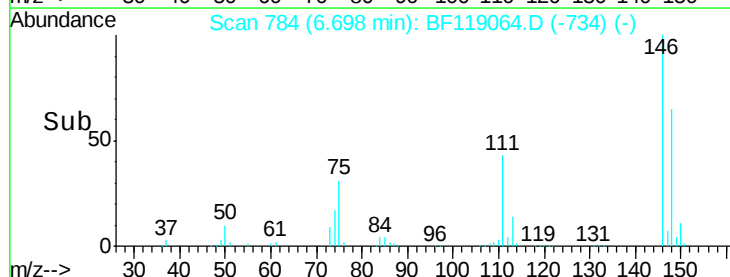
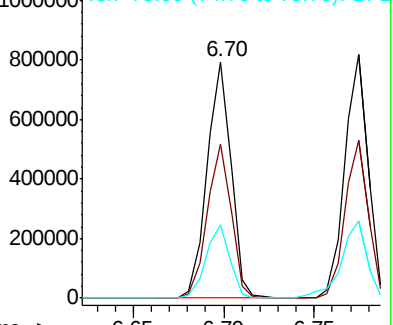
146 100

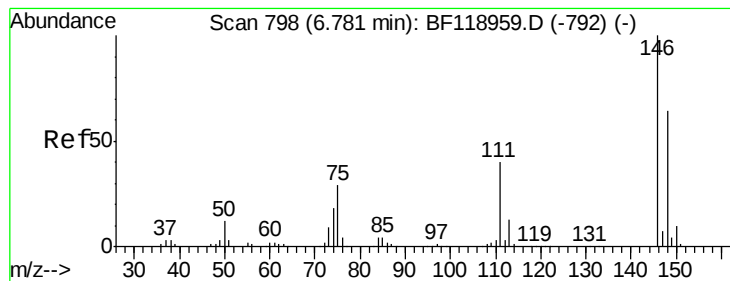
148 65.1 51.7 77.5

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 :

SSTDCCC040

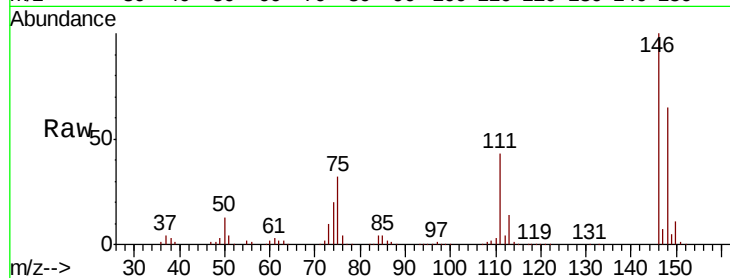
Tot Ion:146 Resp: 736496

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.2

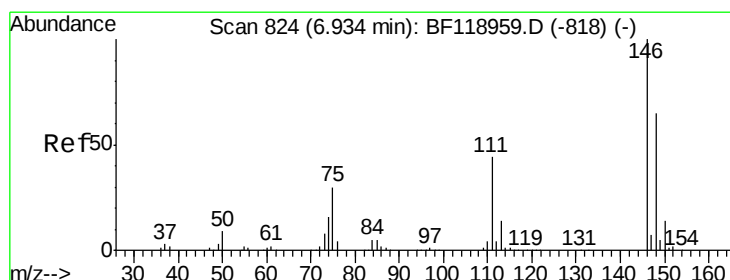
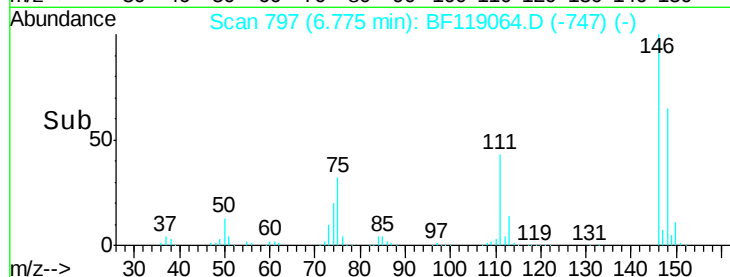
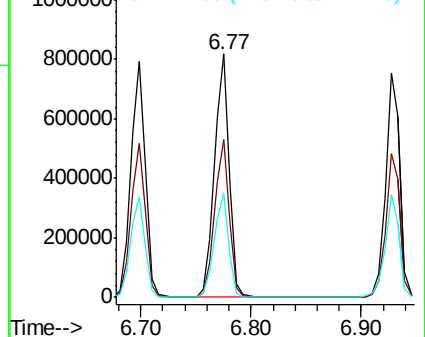
111 42.8 31.9 47.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#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

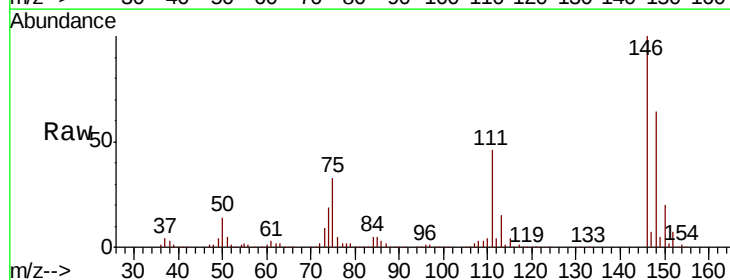
Tgt Ion:146 Resp: 669916

Ion Ratio Lower Upper

146 100

148 64.0 52.1 78.1

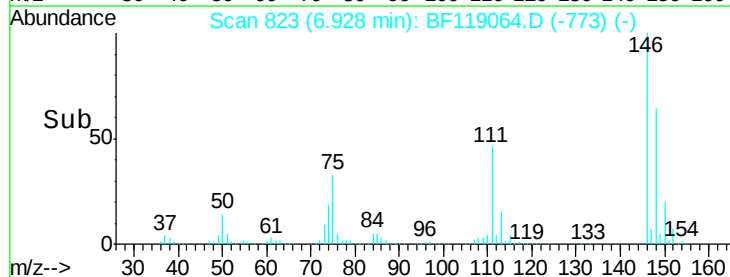
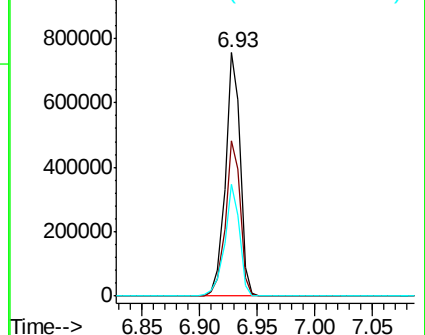
111 45.8 35.5 53.3

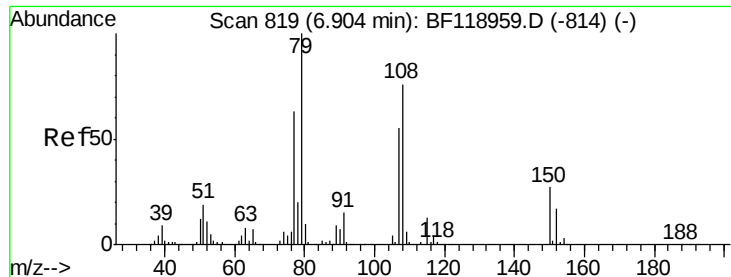


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#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

ClientSampleId :

SSTDCCC040

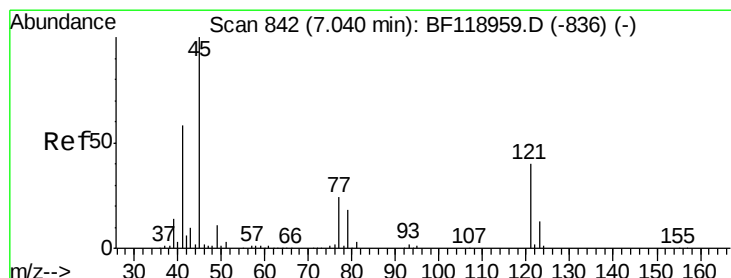
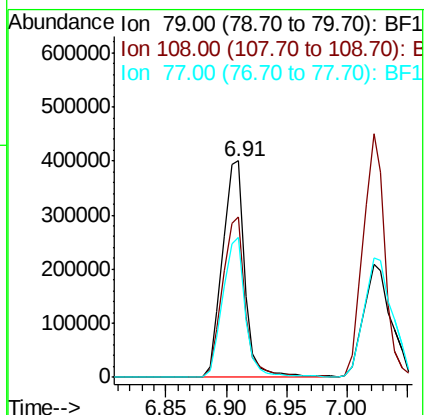
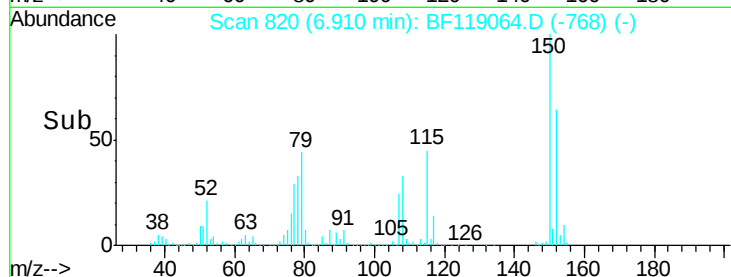
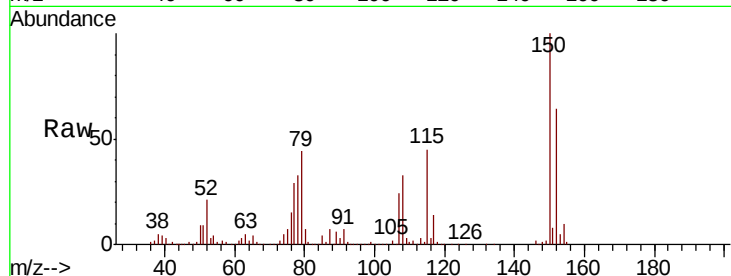
Tot Ion: 79 Resp: 515877

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

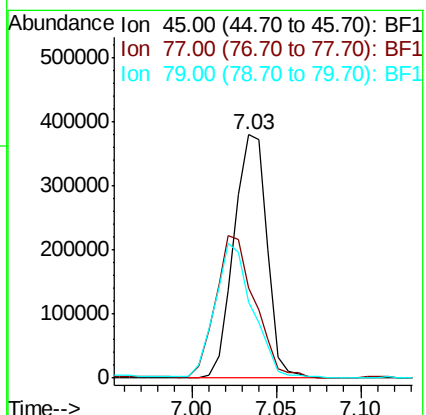
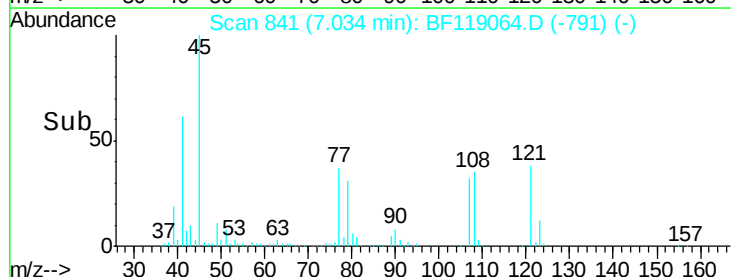
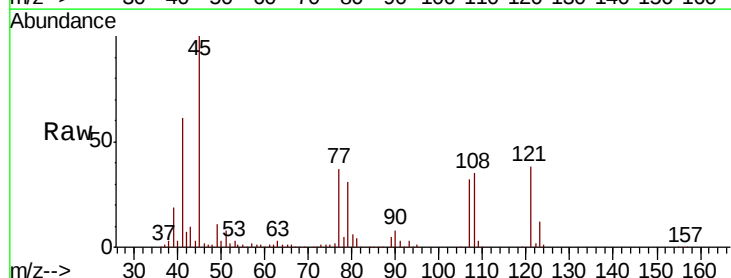
Tgt Ion: 45 Resp: 517644

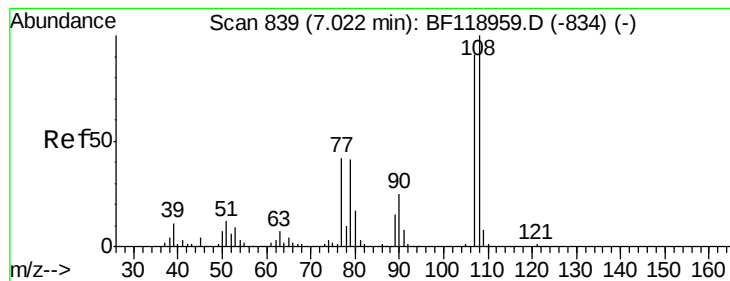
Ion Ratio Lower Upper

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 :

SSTDCCC040

Tot Ion:107 Resp: 503636

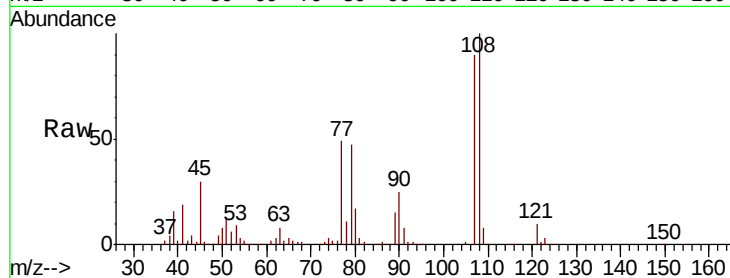
Ion Ratio Lower Upper

107 100

108 111.4 87.7 131.5

77 54.8 36.8 55.2

79 51.9 36.4 54.6

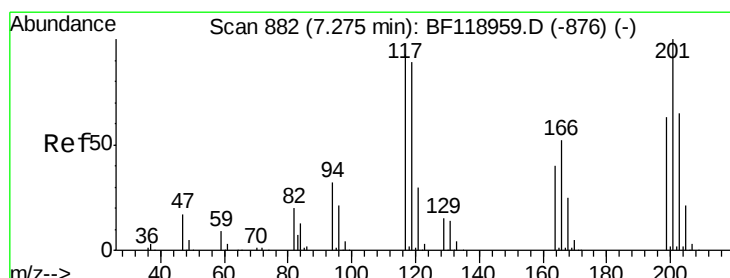
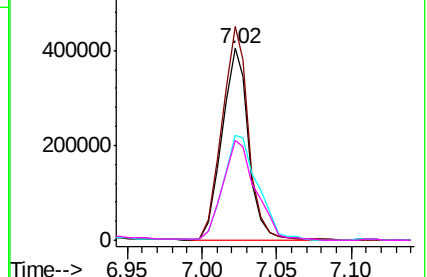
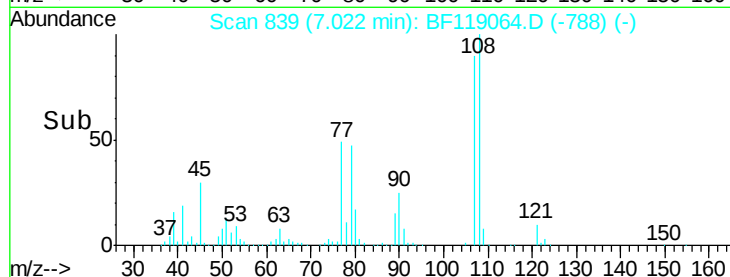


Abundance Ion 107.00 (106.70 to 107.70): E

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

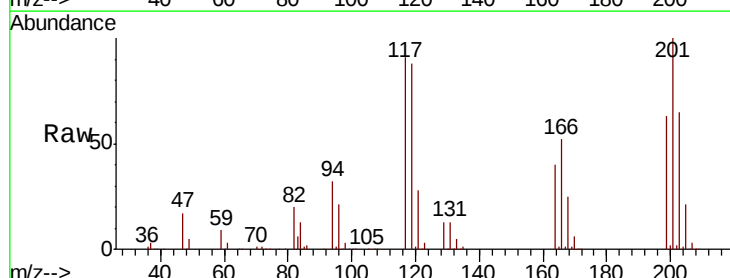
Tgt Ion:117 Resp: 273542

Ion Ratio Lower Upper

117 100

119 96.1 77.0 115.6

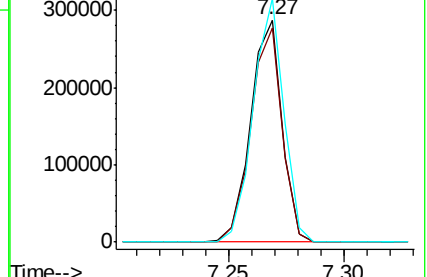
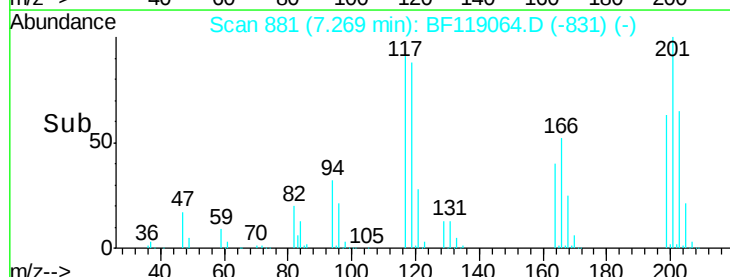
201 109.6 86.4 129.6

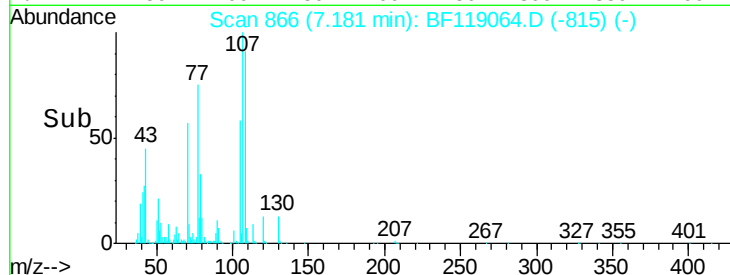
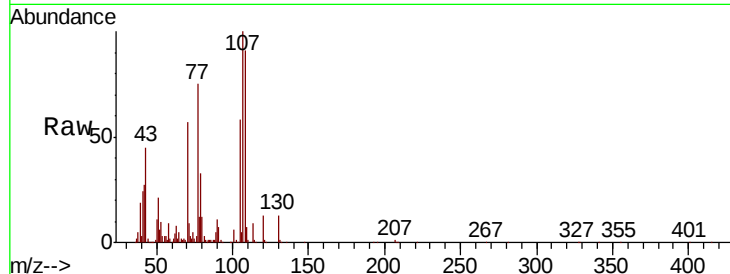
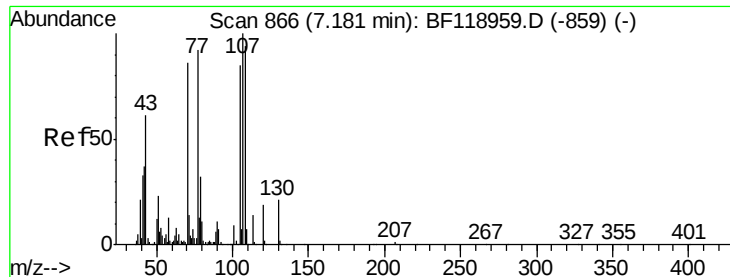


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

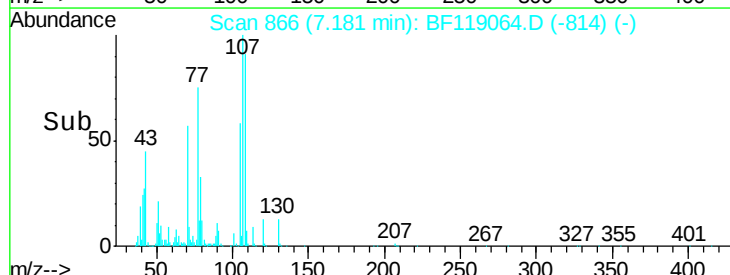
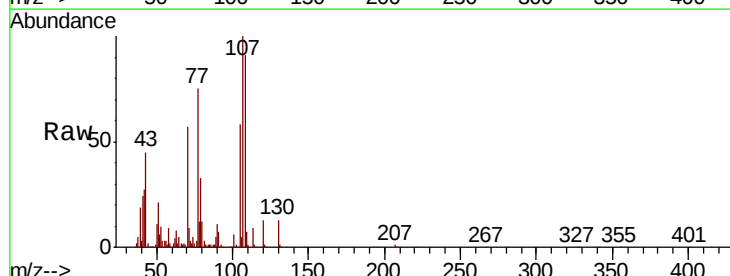
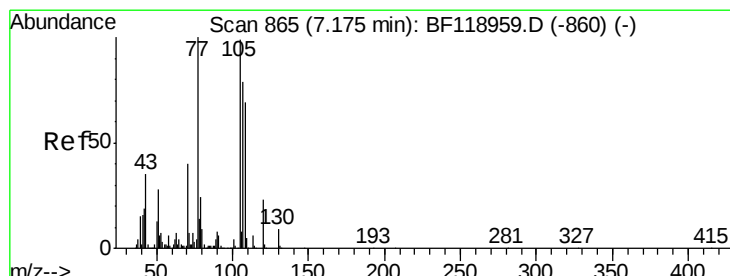
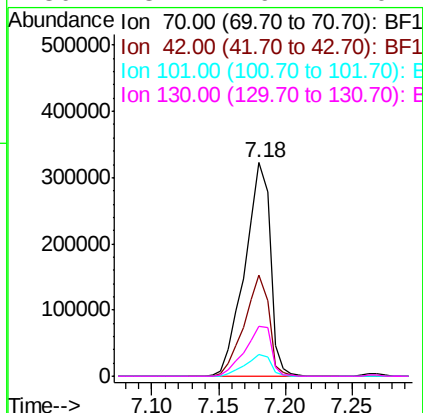




#19
n-Nitroso-di-n-propylamine
Concen: 41.186 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

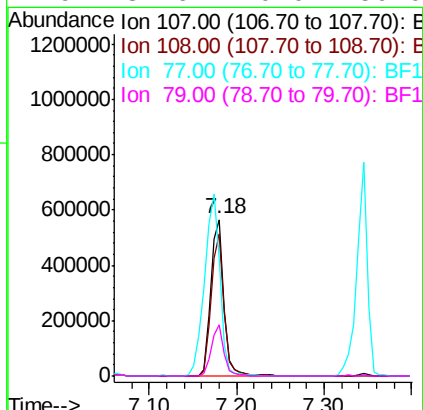
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

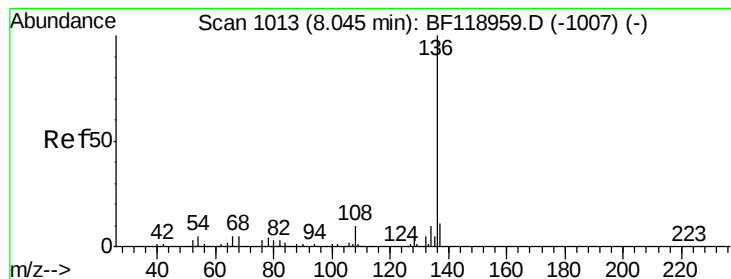
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.6	34.6	51.8
101	10.4	8.1	12.1
130	23.1	19.4	29.2



#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	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





#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

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 895305

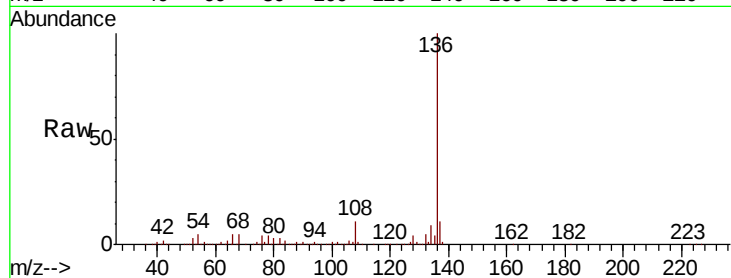
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.1 3.8 5.6

68 5.2 4.2 6.2



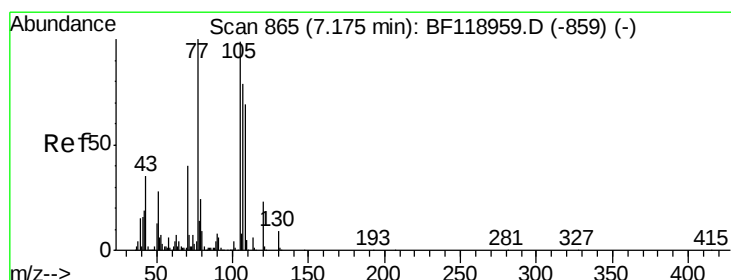
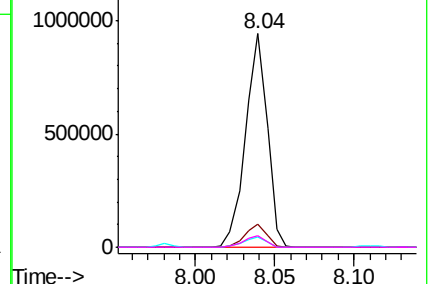
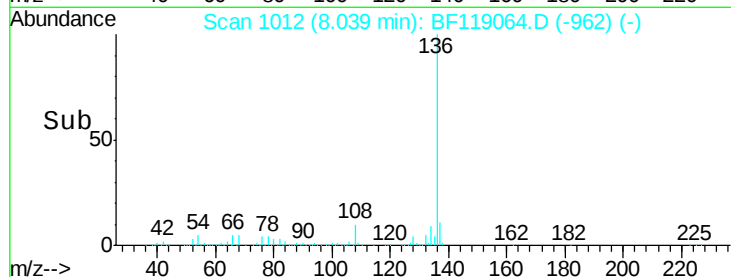
Abundance

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

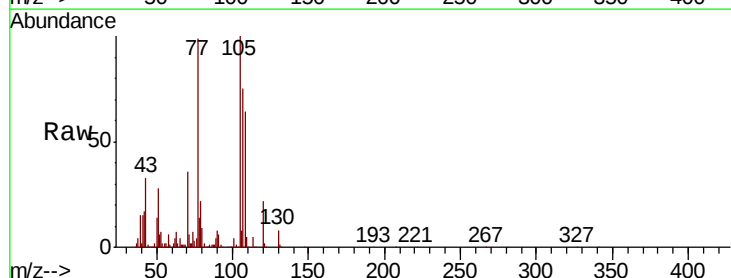
Ion Ratio Lower Upper

105 100

71 6.0 5.4 8.0

51 28.5 22.5 33.7

120 22.3 18.4 27.6



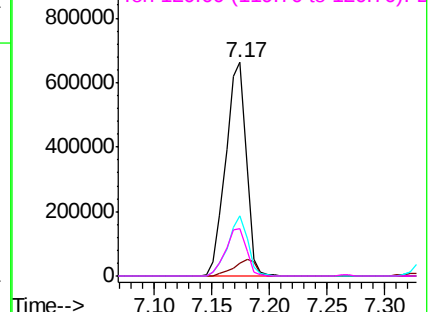
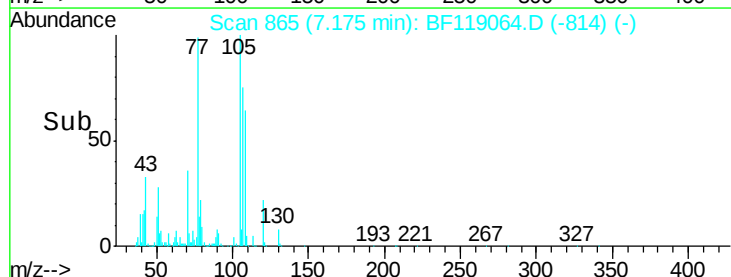
Abundance

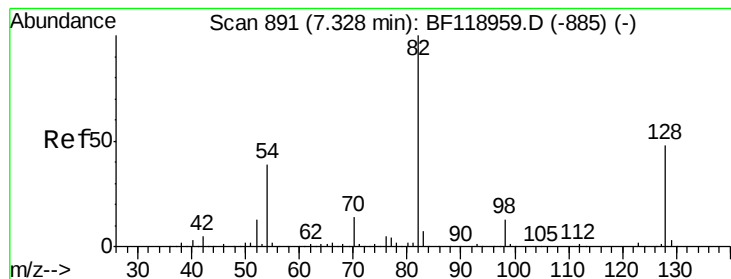
Ion 105.00 (104.70 to 105.70): E

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 :

SSTDCCC040

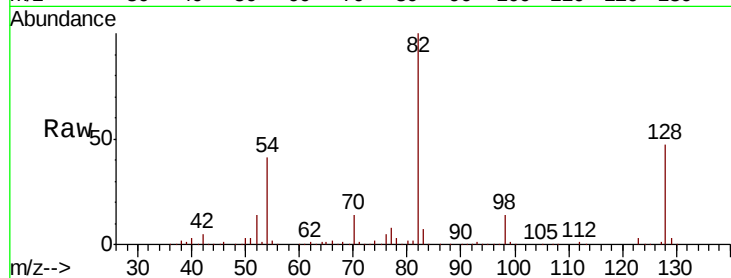
Tot Ion: 82 Resp: 1332186

Ion Ratio Lower Upper

82 100

128 47.2 38.2 57.2

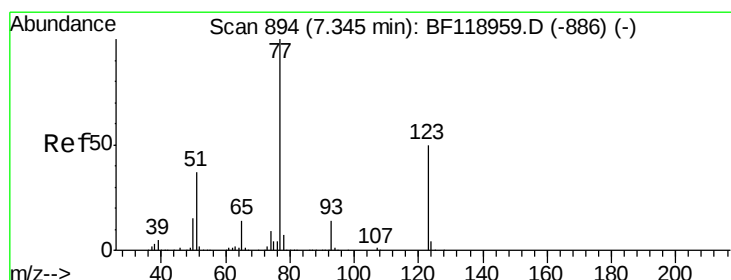
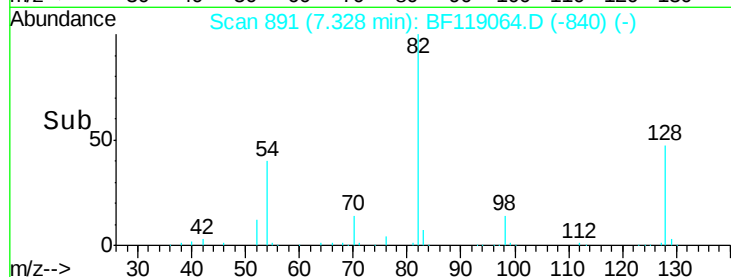
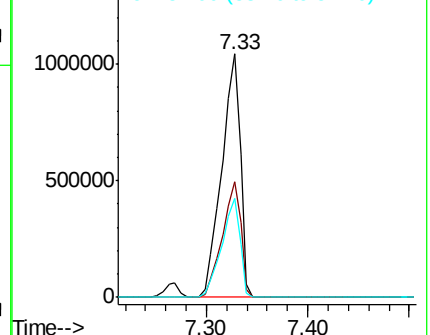
54 40.8 31.3 46.9



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

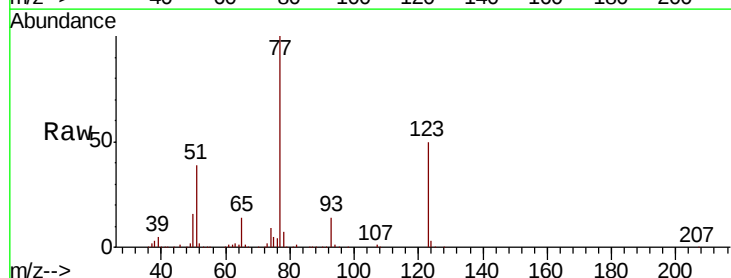
Tgt Ion: 77 Resp: 651748

Ion Ratio Lower Upper

77 100

123 49.8 40.1 60.1

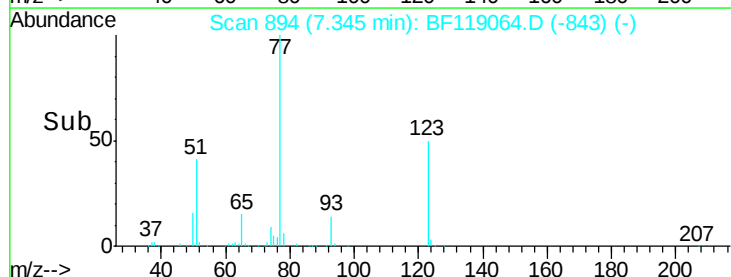
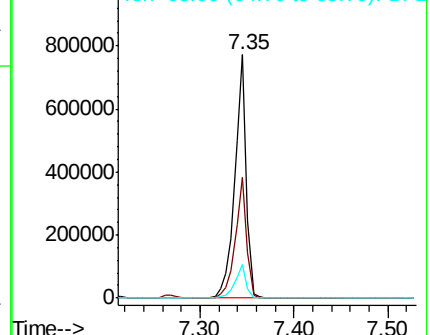
65 13.8 10.9 16.3

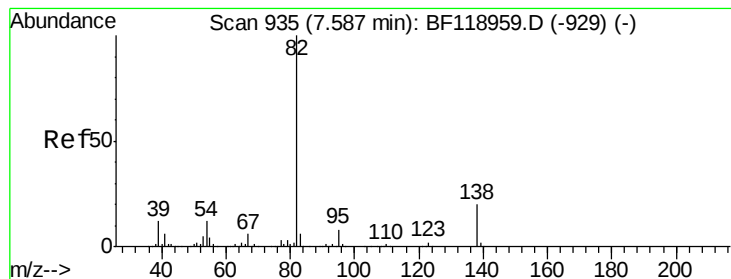


Abundance Ion 77.00 (76.70 to 77.70): BF1

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 :

SSTDCCC040

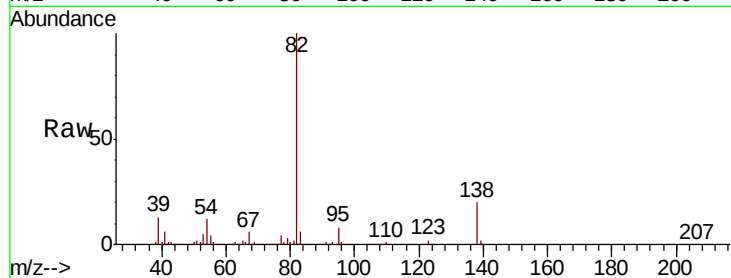
Tot Ion: 82 Resp: 1192982

Ion Ratio Lower Upper

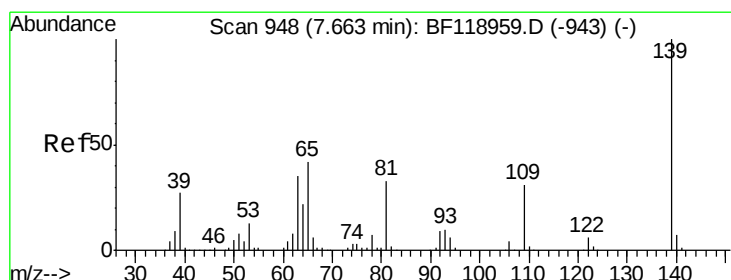
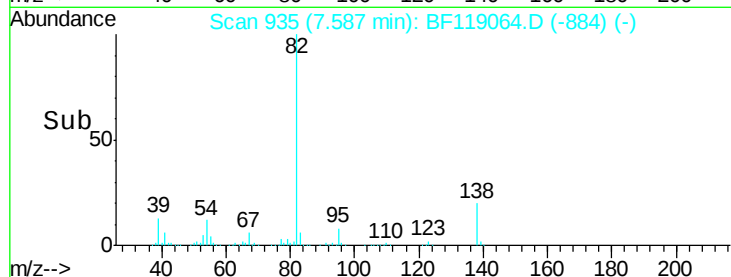
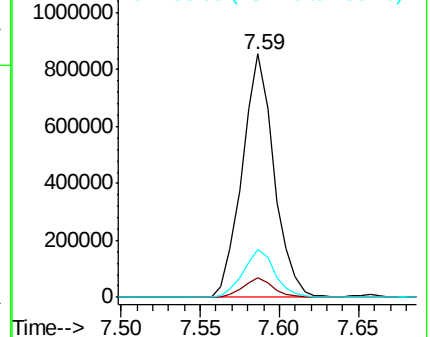
82 100

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

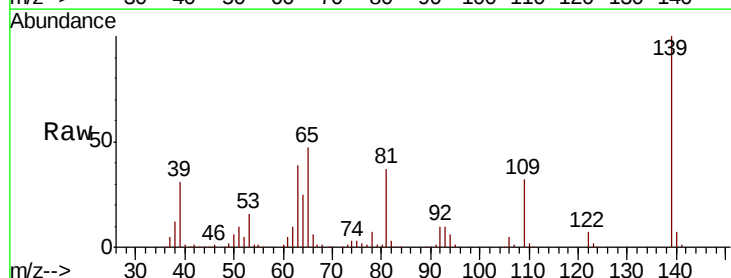
Tgt Ion: 139 Resp: 355259

Ion Ratio Lower Upper

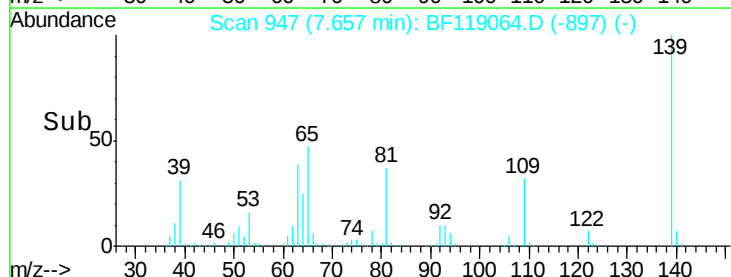
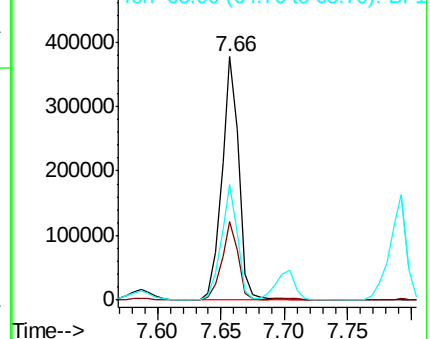
139 100

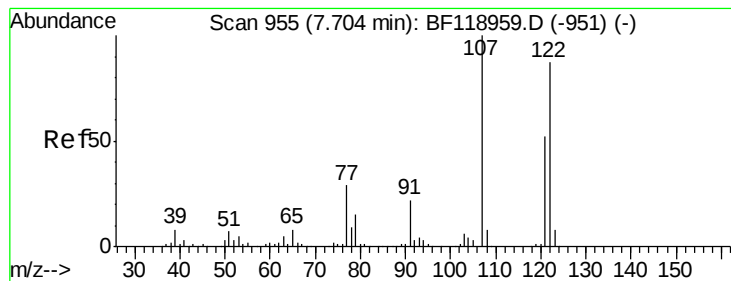
109 32.2 24.6 36.8

65 47.4 33.6 50.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
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 :

SSTDCCC040

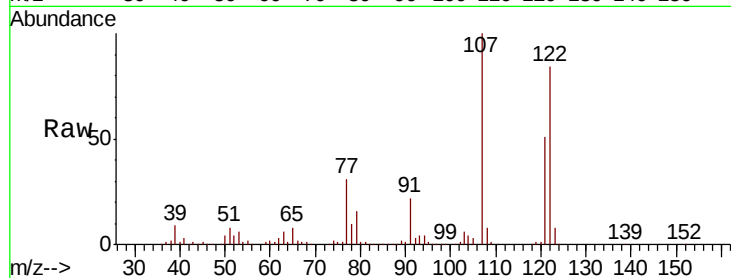
Tot Ion:122 Resp: 474426

Ion Ratio Lower Upper

122 100

107 118.8 91.8 137.8

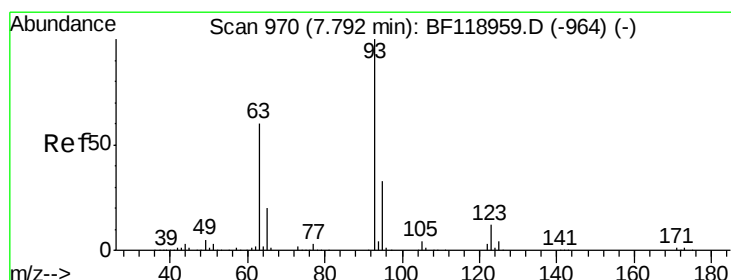
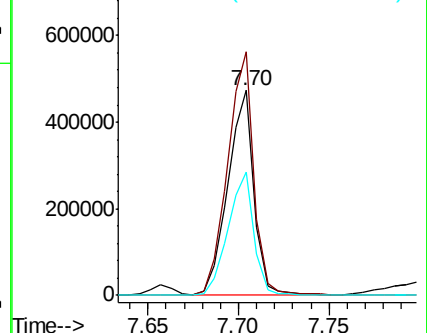
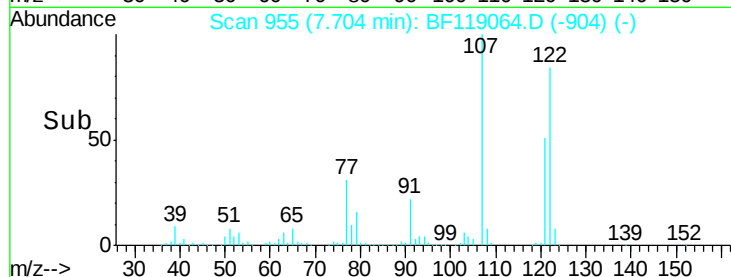
121 60.3 47.4 71.0



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

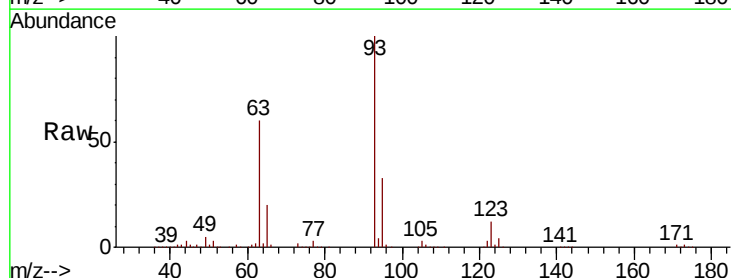
Tgt Ion: 93 Resp: 761235

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

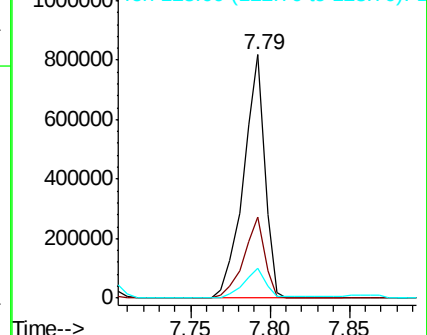
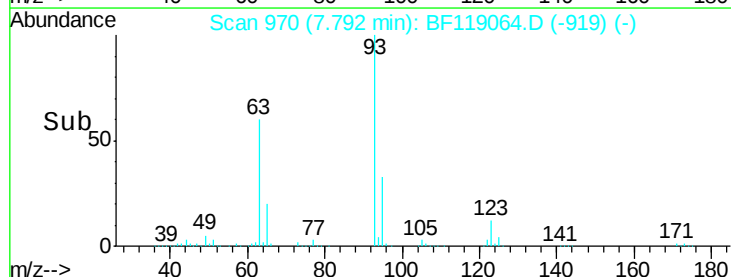
123 12.5 9.8 14.8

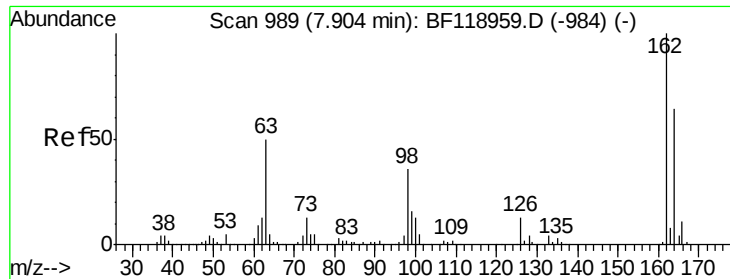


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

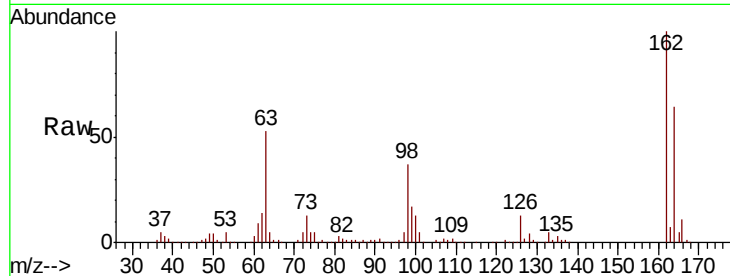




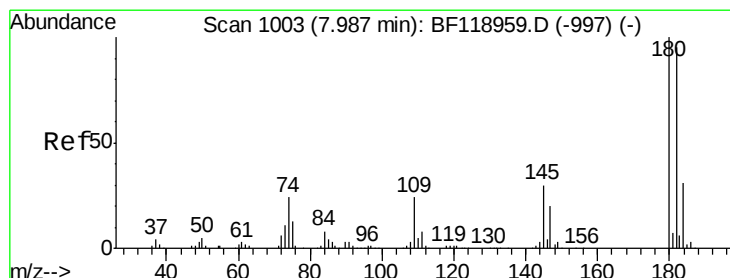
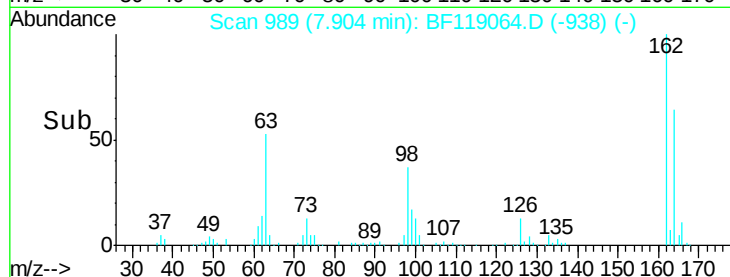
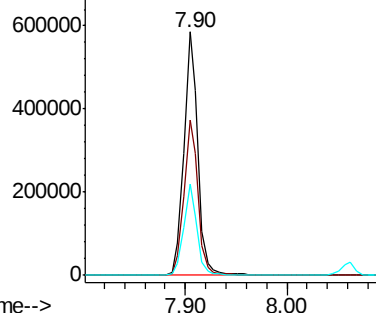
#29
 2,4-Dichlorophenol
 Concen: 39.443 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

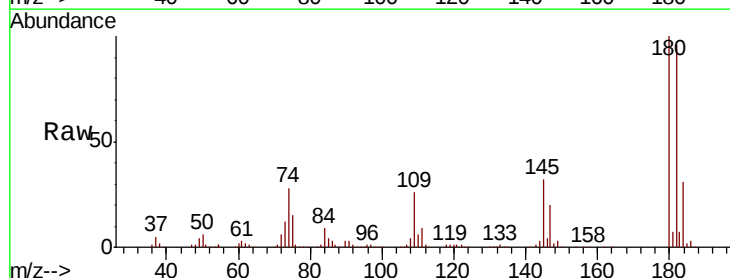


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

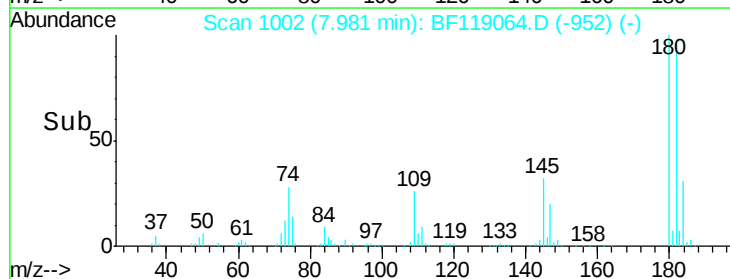
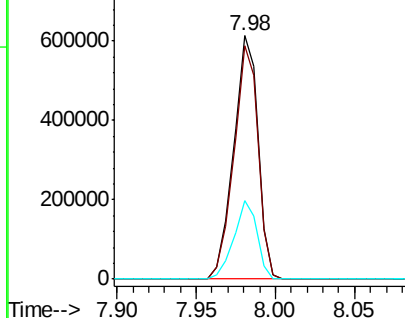


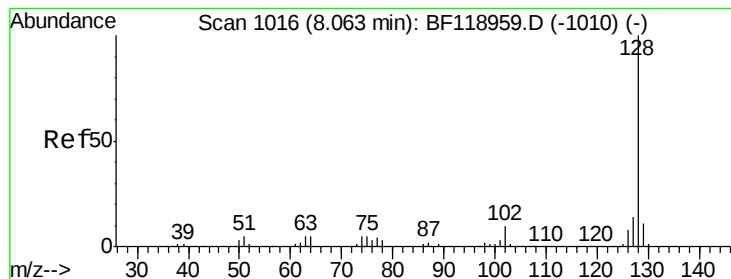
#30
 1,2,4-Trichlorobenzene
 Concen: 38.784 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

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

ClientSampleId :

SSTDCCC040

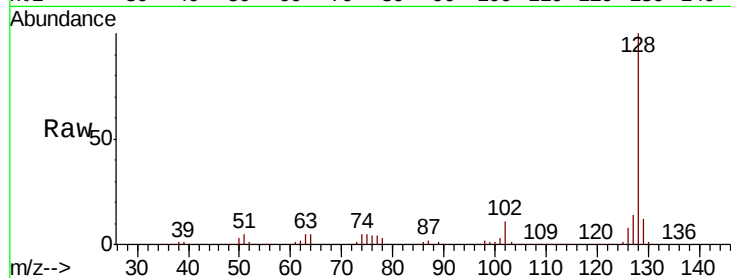
Tot Ion:128 Resp: 1781543

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.4

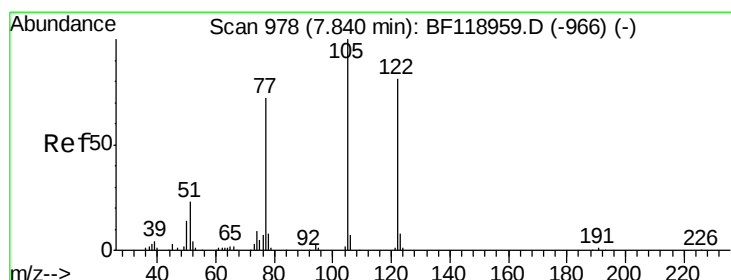
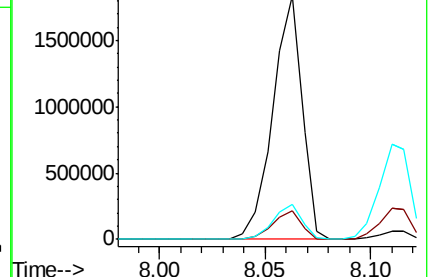
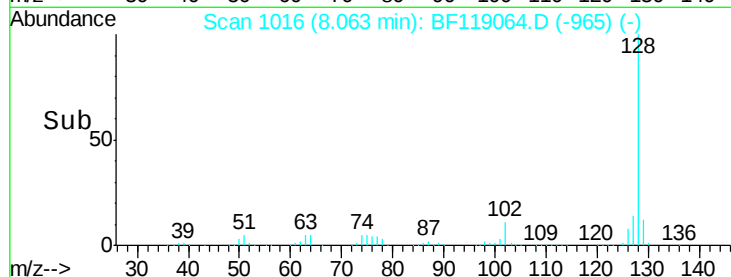
127 14.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

2500000 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

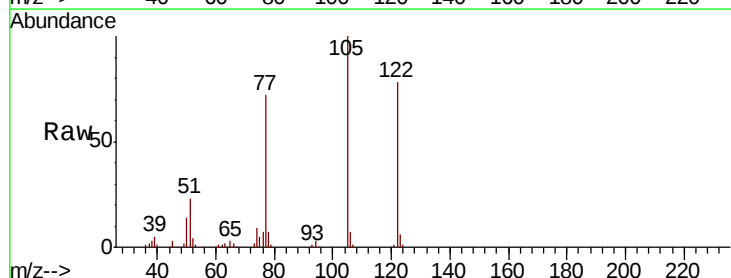
Tgt Ion:122 Resp: 383191

Ion Ratio Lower Upper

122 100

105 128.8 102.2 142.2

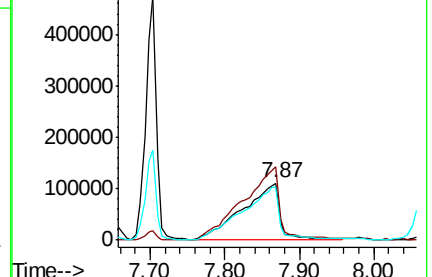
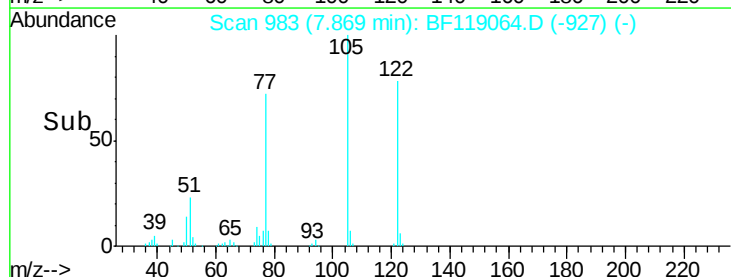
77 92.1 68.6 108.6

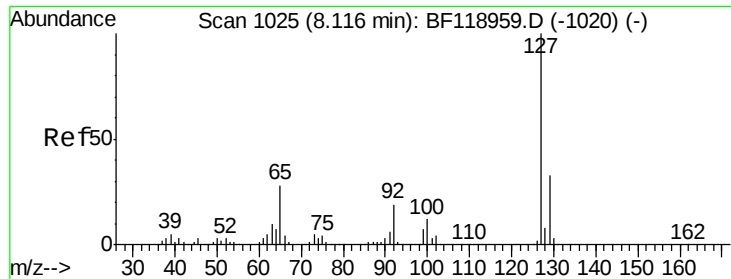


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

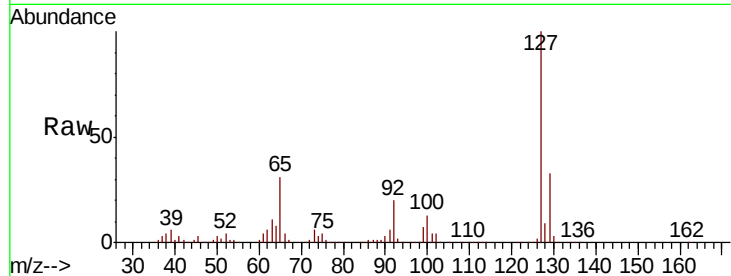




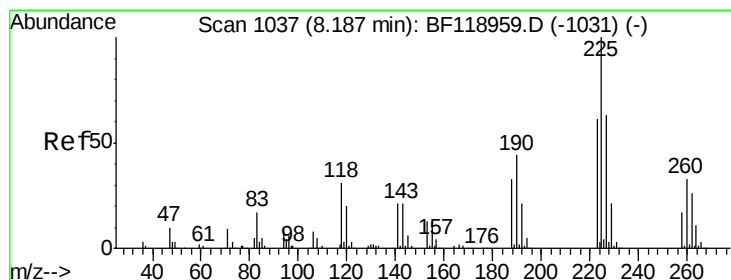
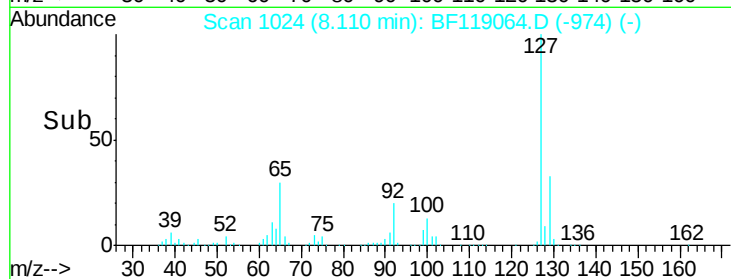
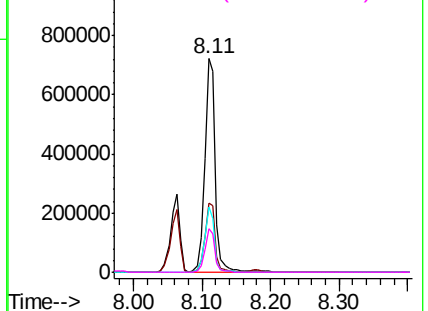
#33
4-Chloroaniline
Concen: 39.365 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

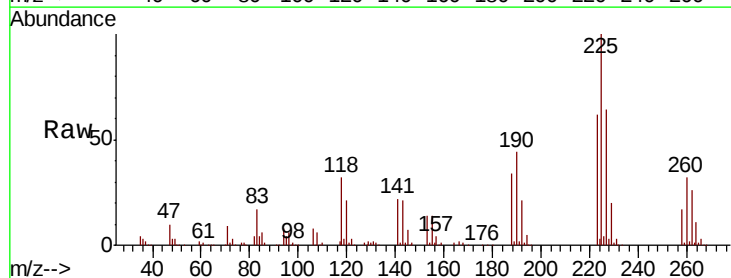


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

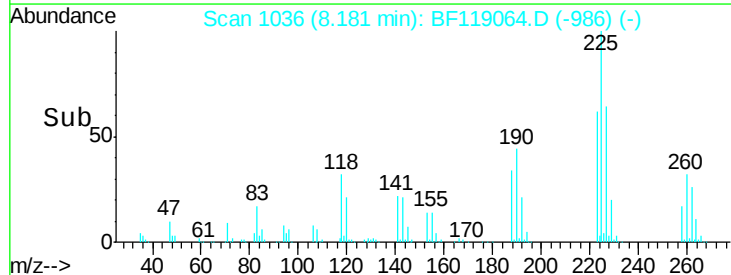
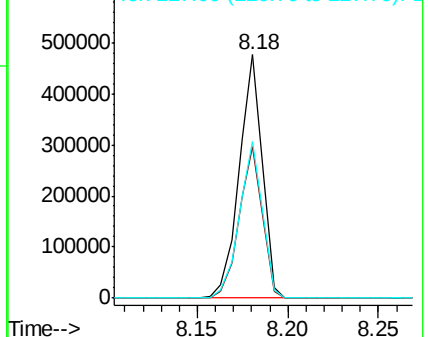


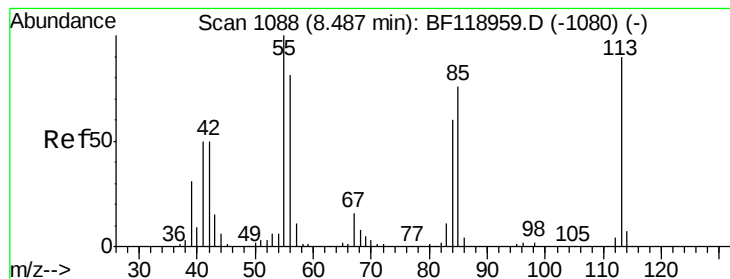
#34
Hexachlorobutadiene
Concen: 39.802 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

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 :

SSTDCCC040

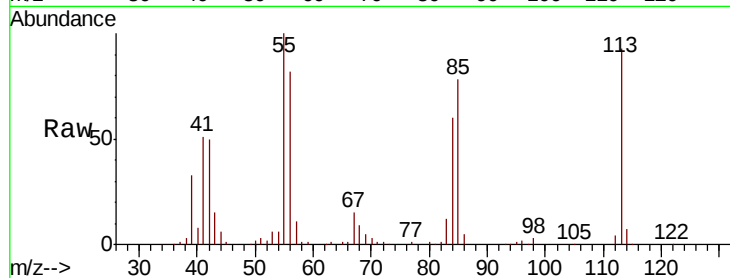
Tot Ion:113 Resp: 178084

Ion Ratio Lower Upper

113 100

55 107.3 90.8 130.8

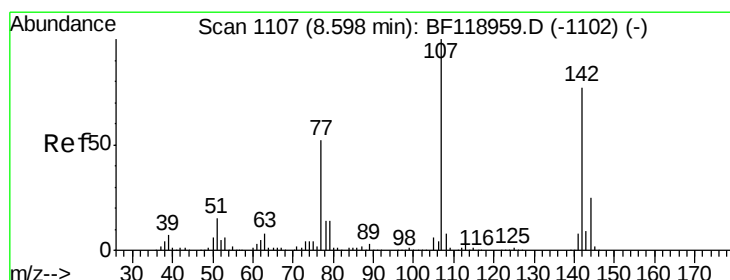
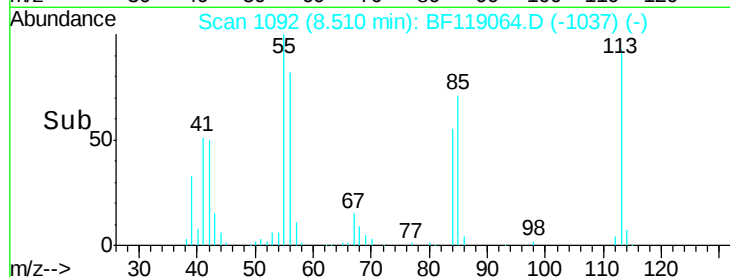
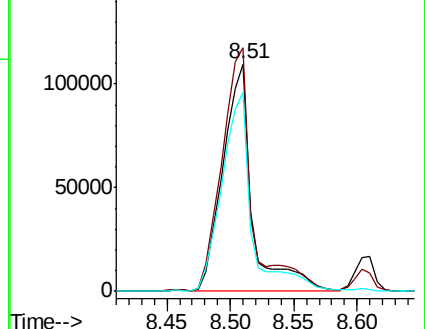
56 87.7 70.0 110.0



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

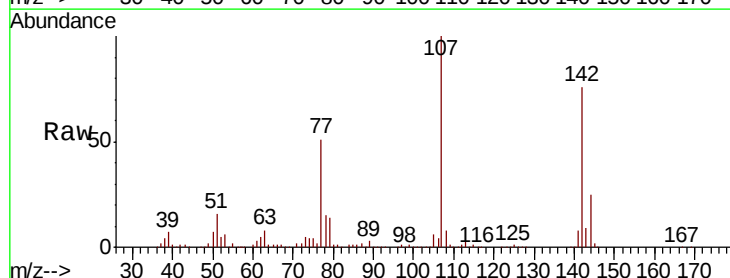
Tgt Ion:107 Resp: 583116

Ion Ratio Lower Upper

107 100

144 24.9 19.8 29.8

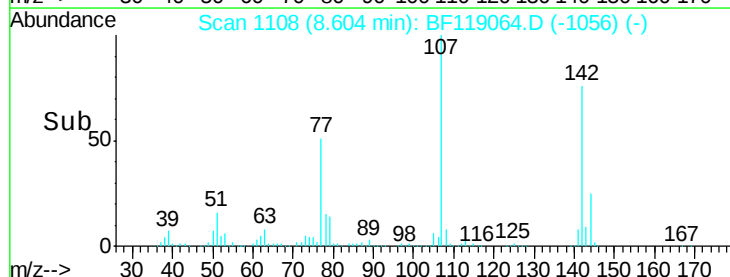
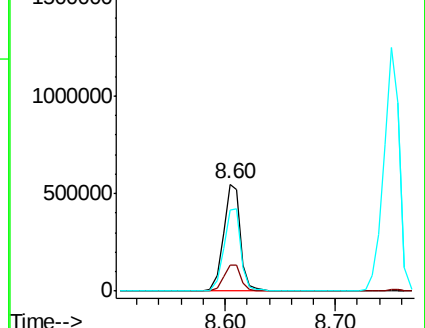
142 76.0 61.3 91.9

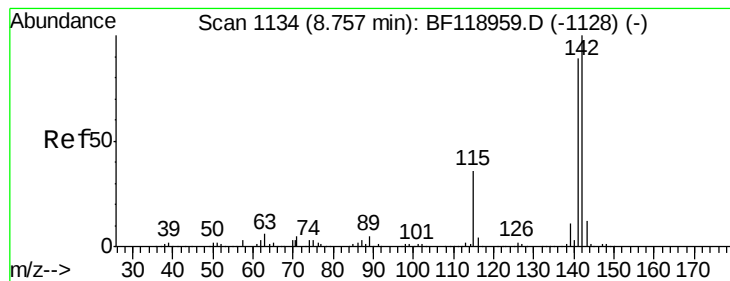


Abundance Ion 107.00 (106.70 to 107.70): E

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 :

SSTDCCC040

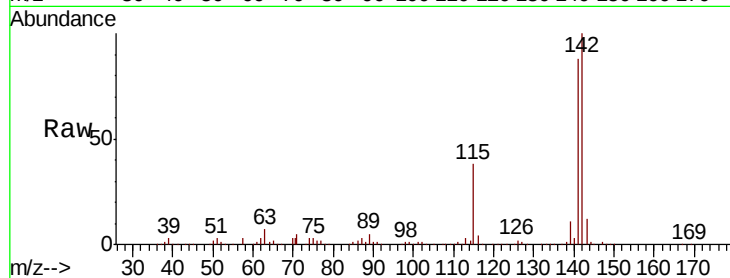
Tot Ion:142 Resp: 1231110

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.4

115 37.7 28.6 42.8



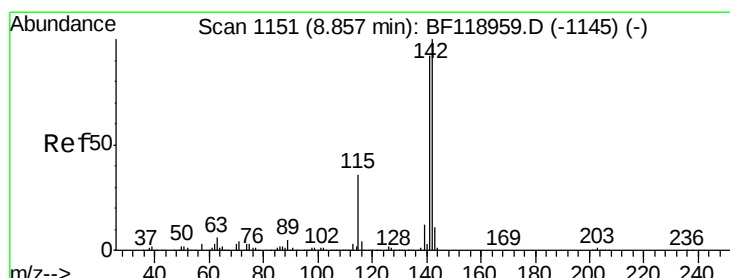
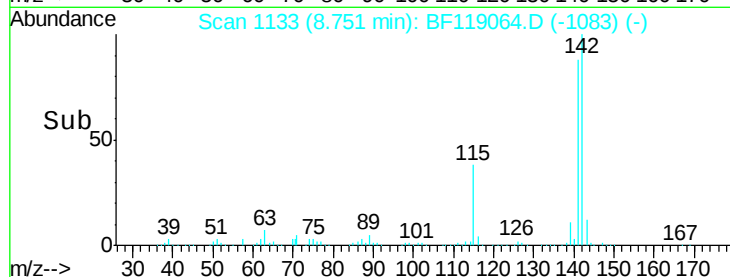
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.75

Time-->



#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

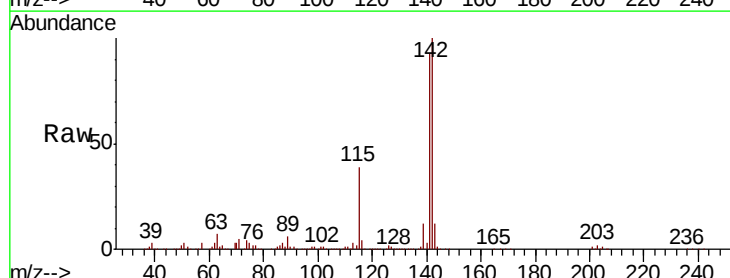
Tgt Ion:142 Resp: 1157223

Ion Ratio Lower Upper

142 100

141 93.4 73.7 110.5

116 4.1 3.0 4.6



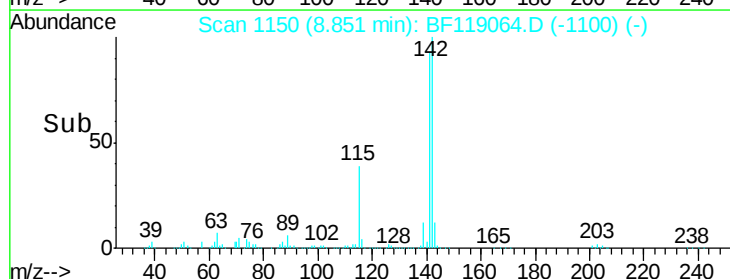
Abundance Ion 142.00 (141.70 to 142.70): E

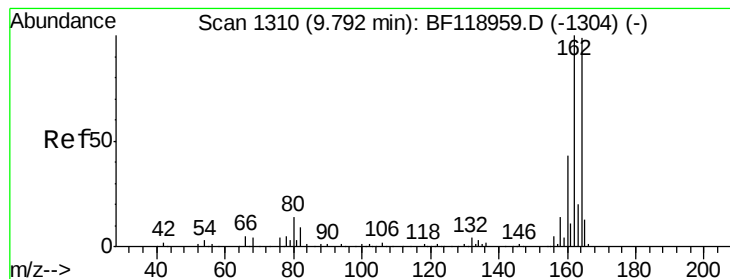
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.85

Time-->





#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 :

SSTDCCC040

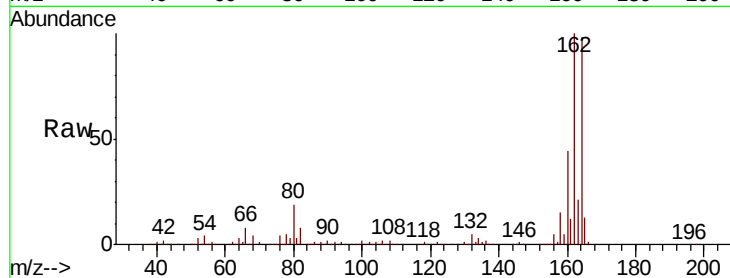
Tot Ion:164 Resp: 503237

Ion Ratio Lower Upper

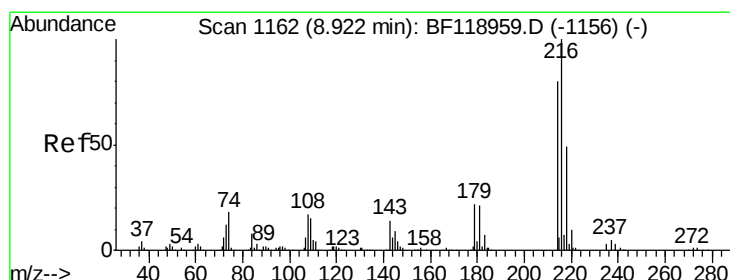
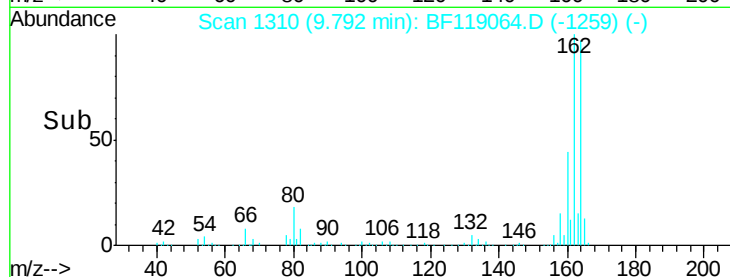
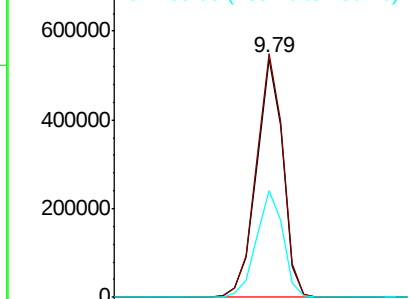
164 100

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:216 Resp: 652460

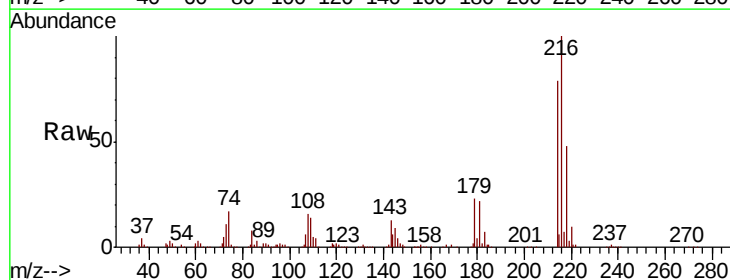
Ion Ratio Lower Upper

216 100

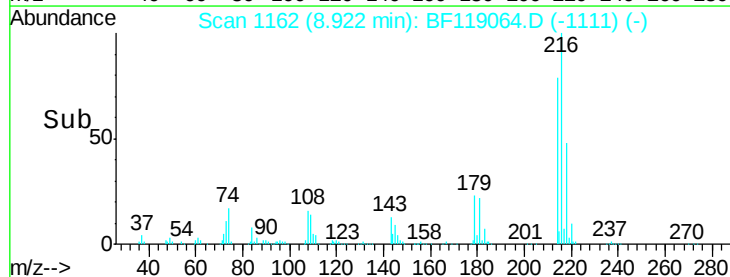
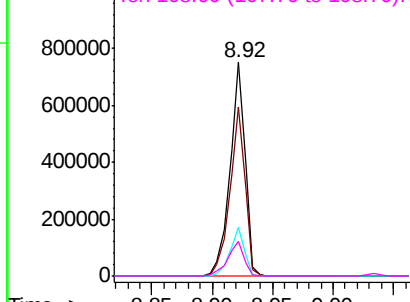
214 79.2 63.1 94.7

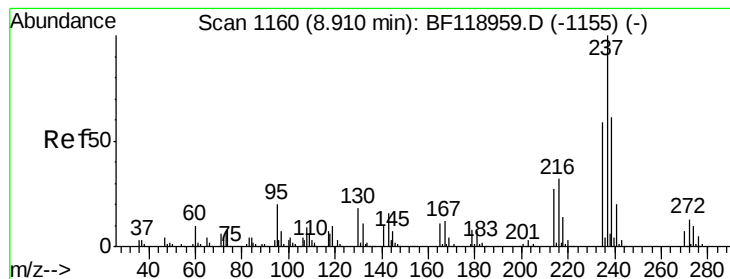
179 22.0 17.2 25.8

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 :

SSTDCCC040

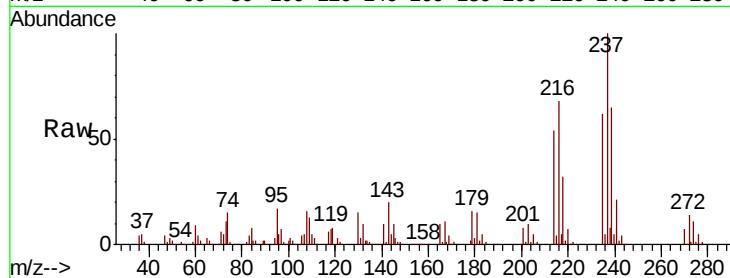
Tot Ion:237 Resp: 220372

Ion Ratio Lower Upper

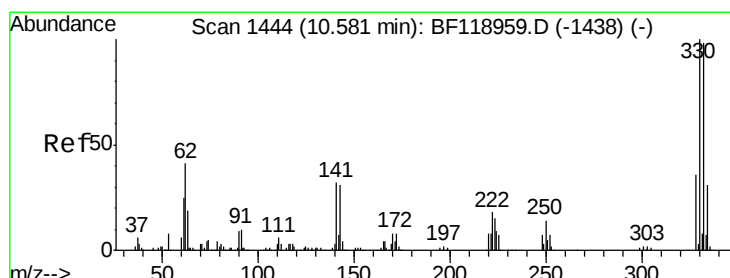
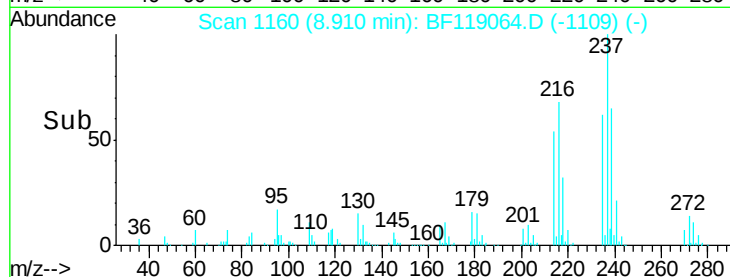
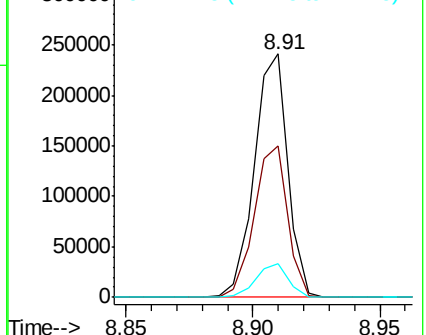
237 100

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

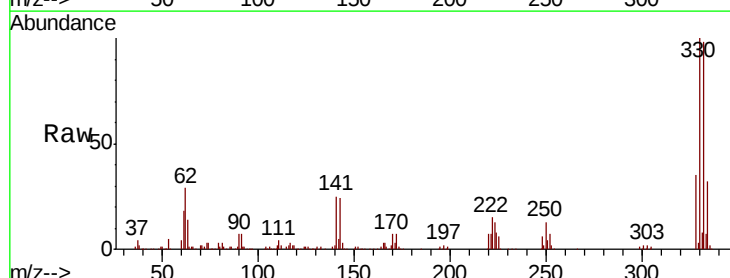
Tgt Ion:330 Resp: 537899

Ion Ratio Lower Upper

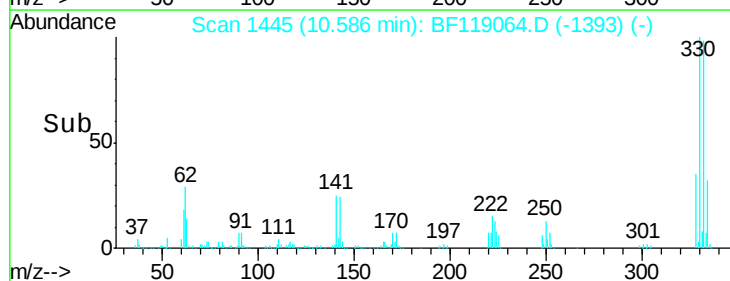
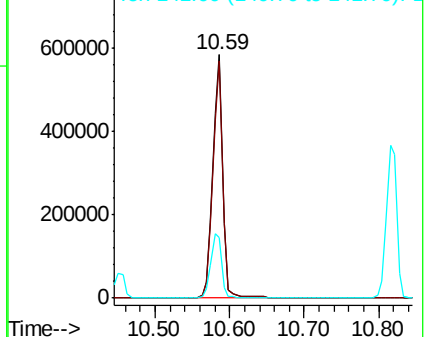
330 100

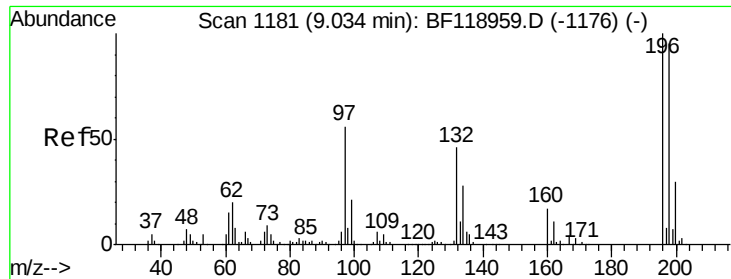
332 96.9 77.1 115.7

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

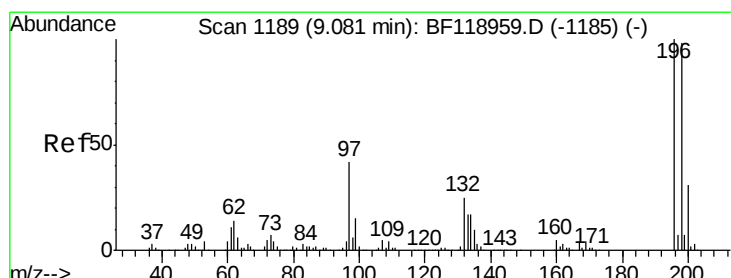
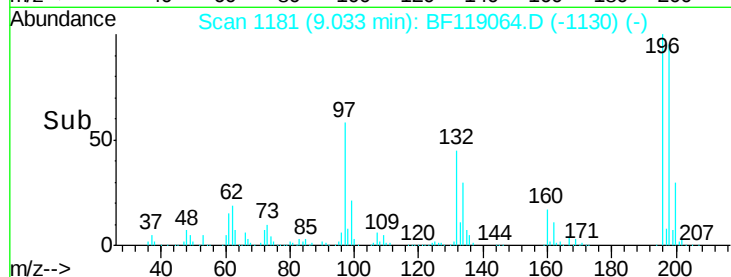
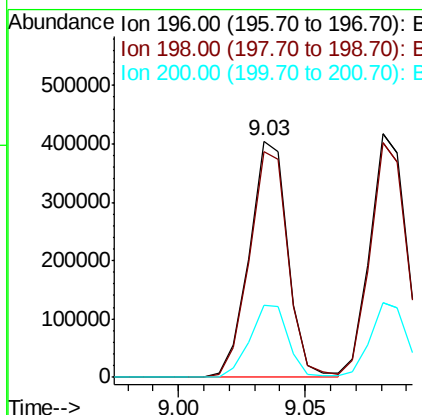
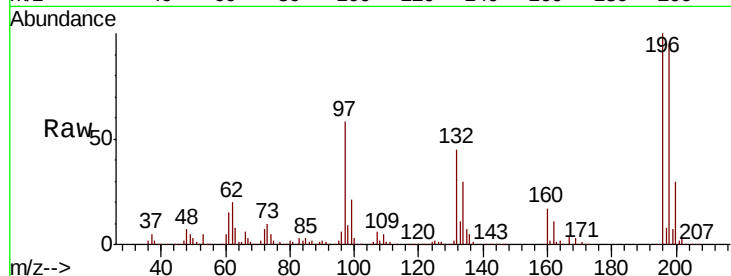




#43
 2,4,6-Trichlorophenol
 Concen: 40.047 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

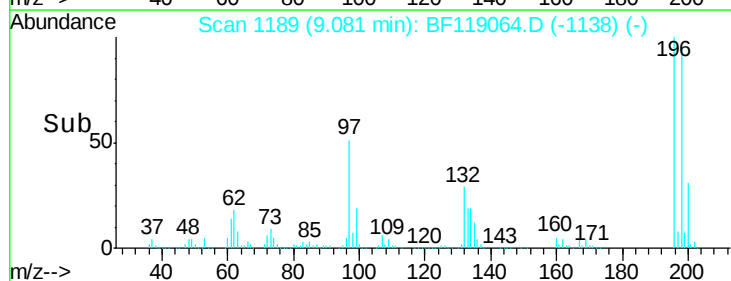
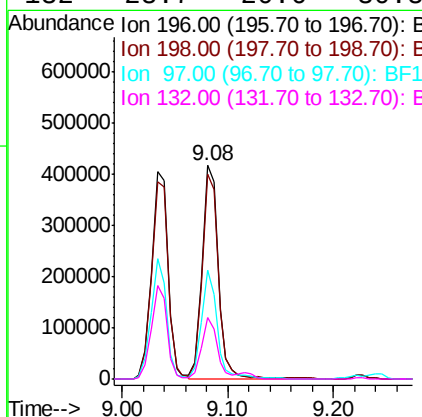
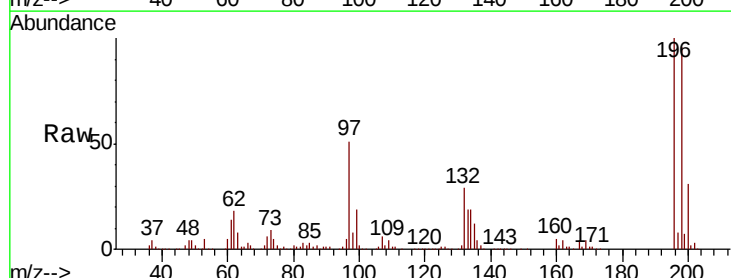
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

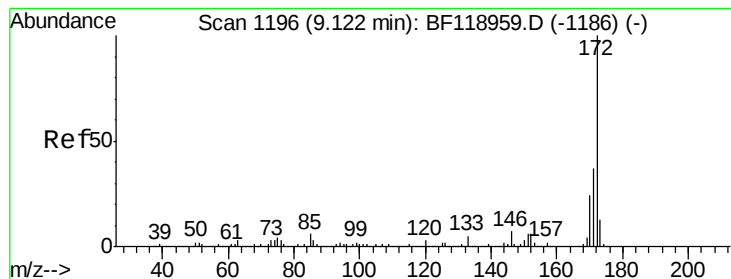
Tot Ion:196 Resp: 429092
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.8 113.6
 200 30.4 24.1 36.1



#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

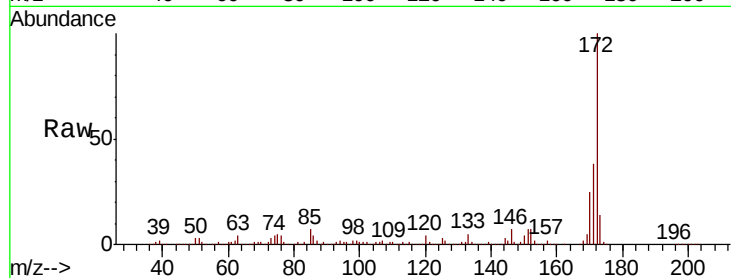




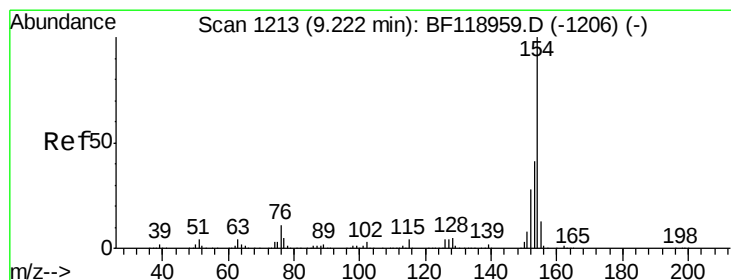
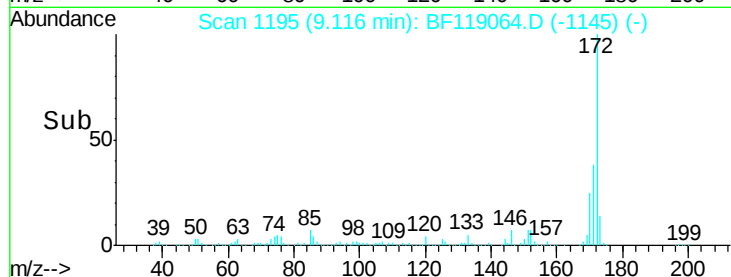
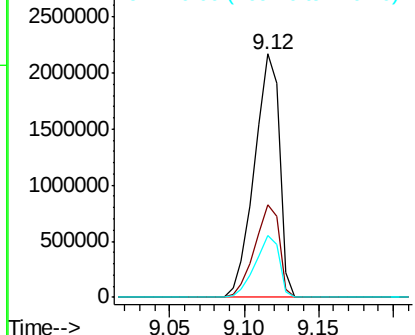
#45
2-Fluorobiphenyl
Concen: 73.457 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

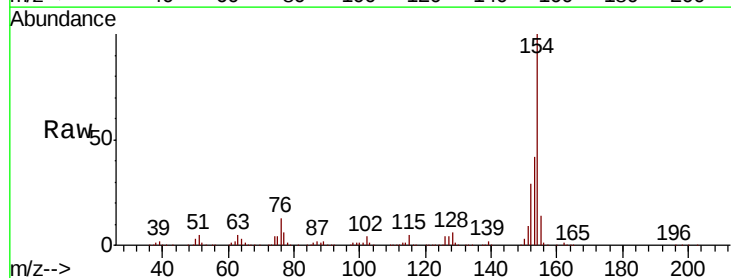


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

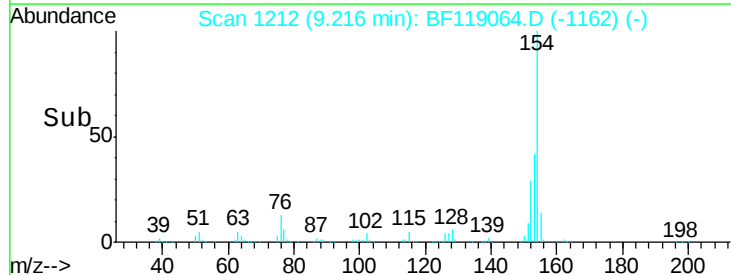
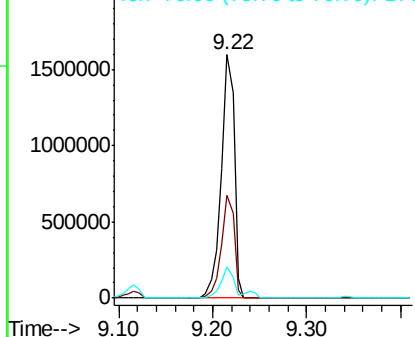


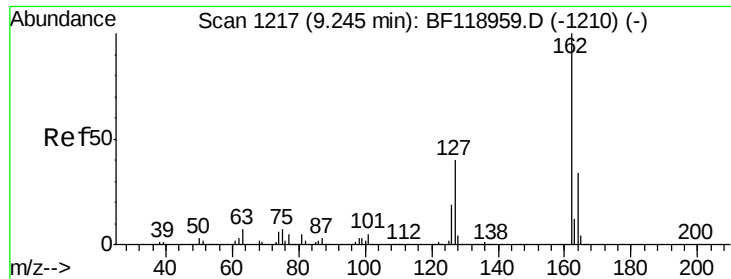
#46
1,1'-Biphenyl
Concen: 38.244 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

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

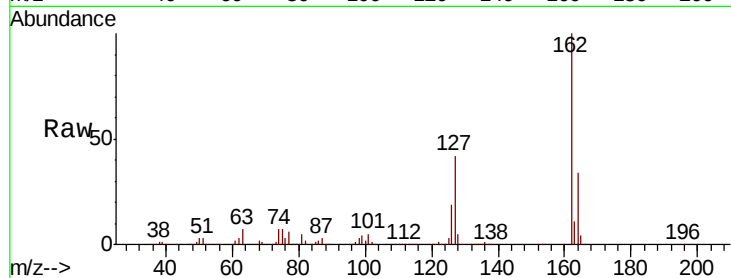




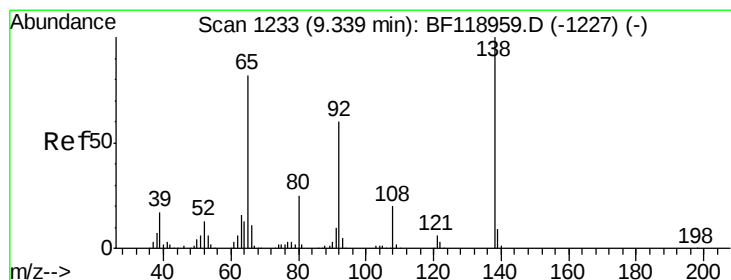
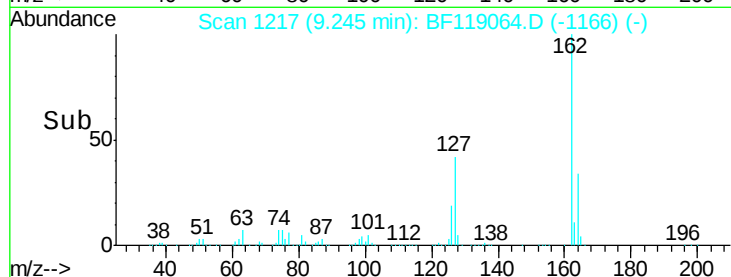
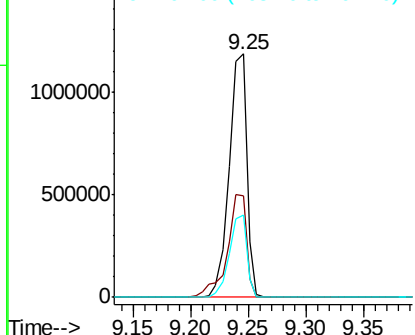
#47
 2-Chloronaphthalene
 Concen: 38.441 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

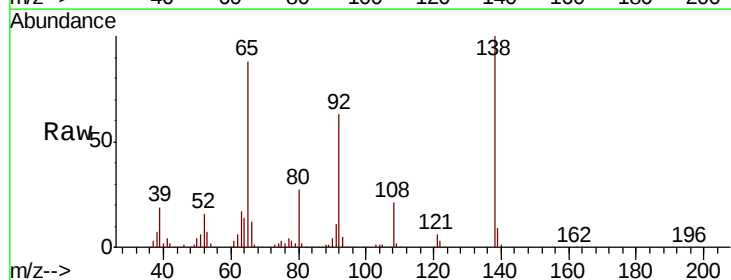


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

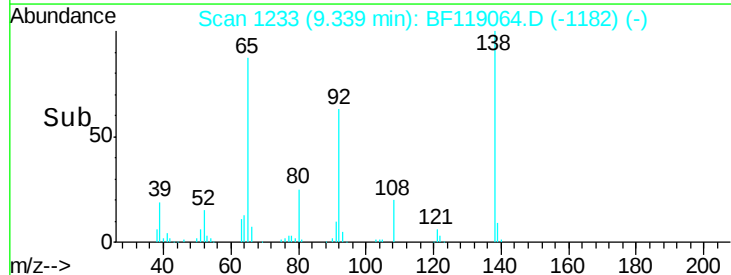
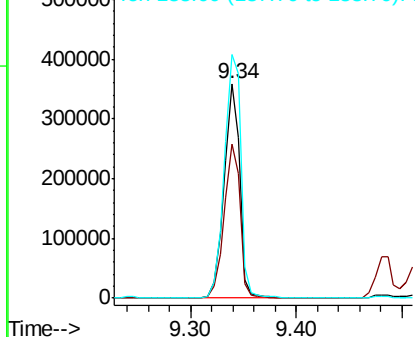


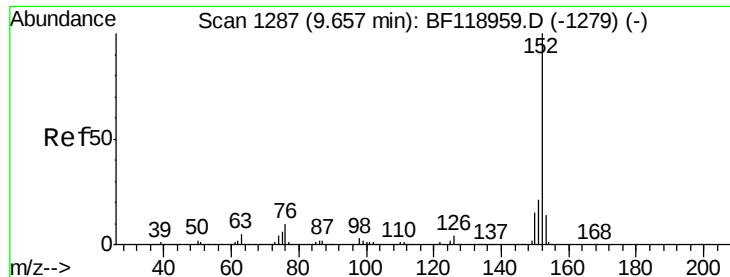
#48
 2-Nitroaniline
 Concen: 40.463 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

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 :

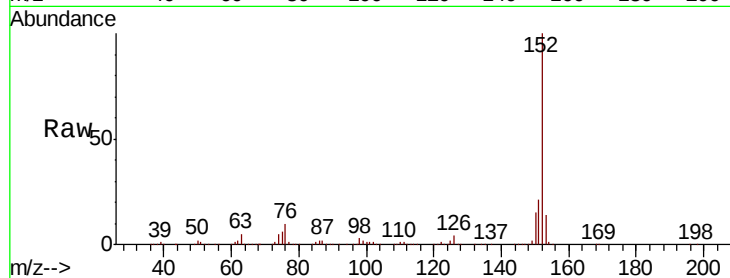
BNA_F

ClientSampleId :

SSTDCCC040

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

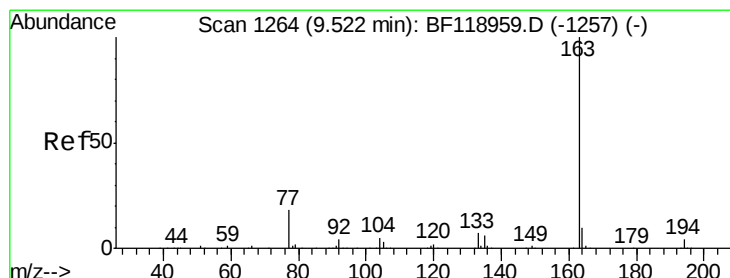
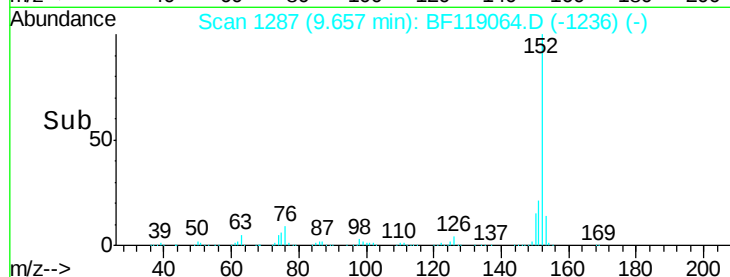
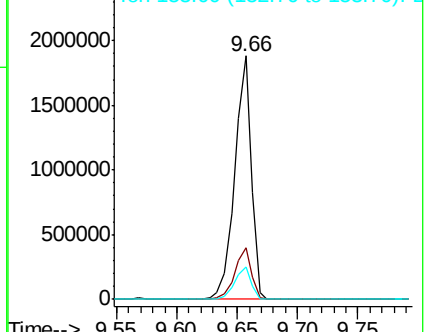


Abundance

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



#50

Dimethylphthalate

Concen: 40.734 ng

RT: 9.52 min Scan# 1264

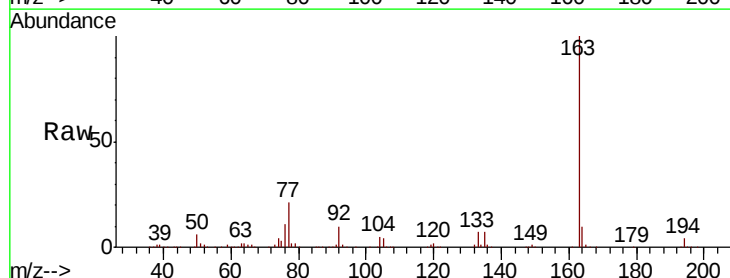
Delta R.T. -0.00 min

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

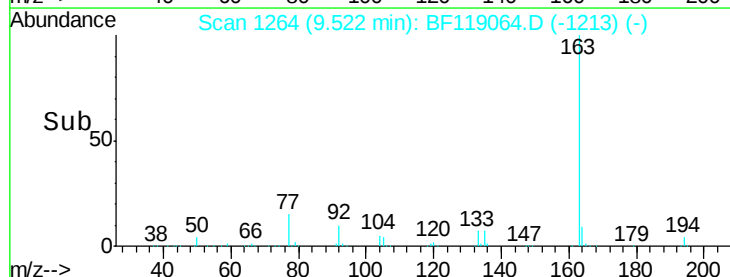
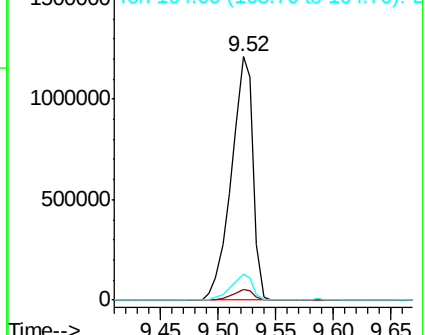


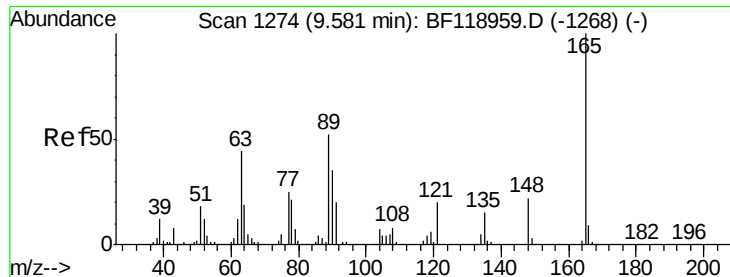
Abundance

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





#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 :

SSTDCCC040

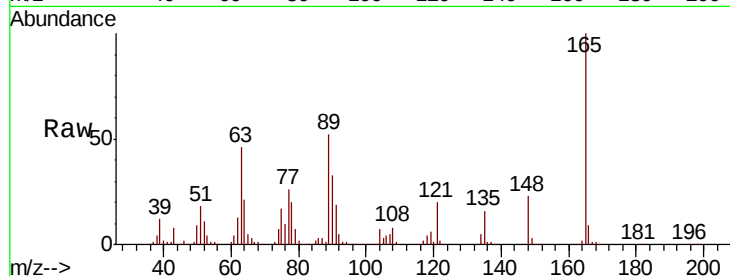
Tot Ion:165 Resp: 340887

Ion Ratio Lower Upper

165 100

63 46.1 37.9 56.9

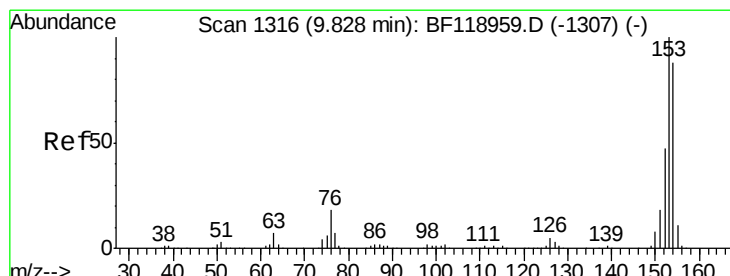
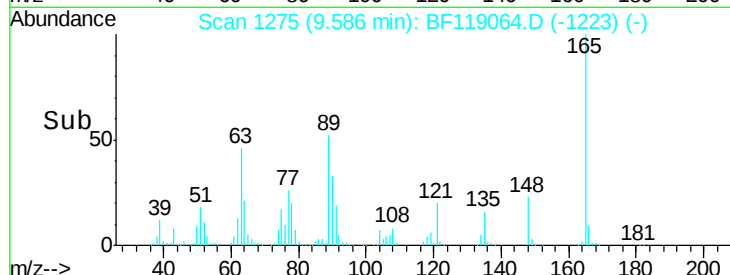
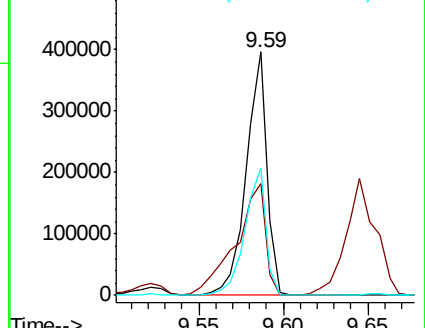
89 52.1 41.4 62.0



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

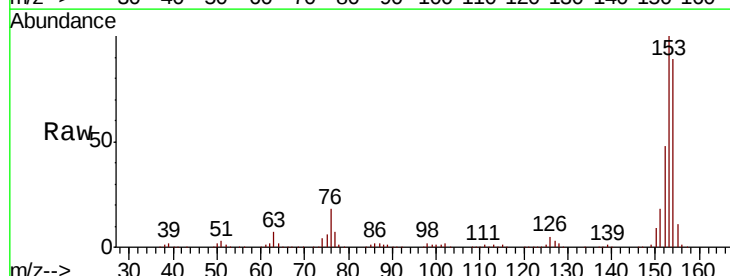
Tgt Ion:154 Resp: 1095181

Ion Ratio Lower Upper

154 100

153 112.6 90.4 135.6

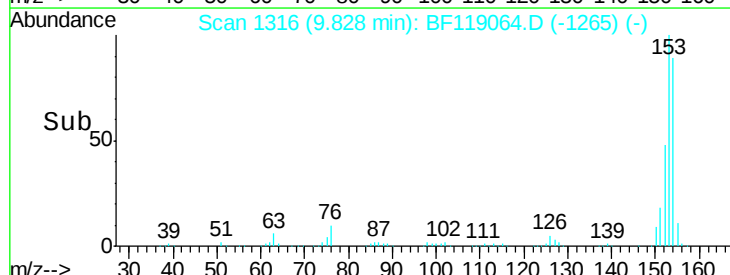
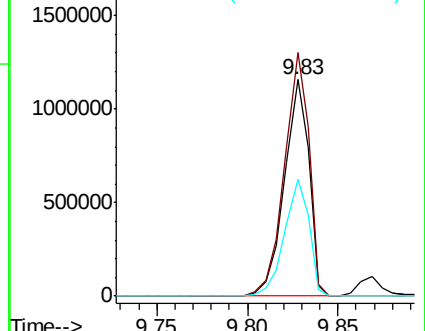
152 54.1 42.9 64.3

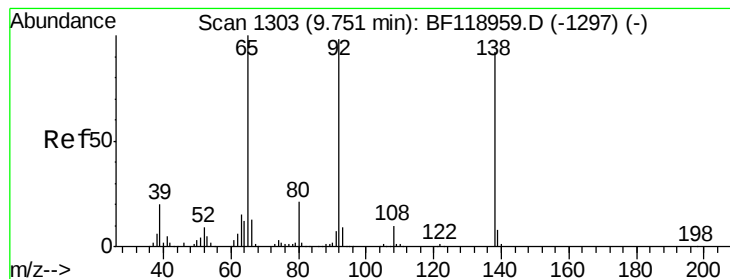


Abundance Ion 154.00 (153.70 to 154.70): E

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 :

SSTDCCC040

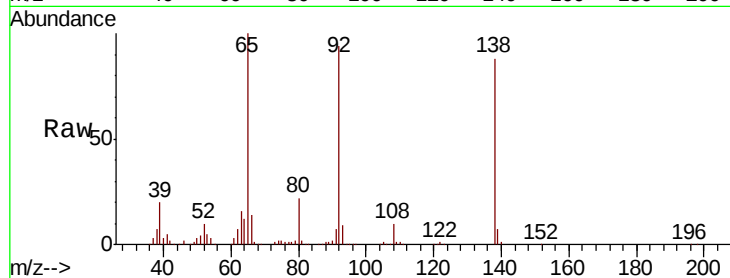
Tot Ion:138 Resp: 370944

Ion Ratio Lower Upper

138 100

108 11.3 8.6 13.0

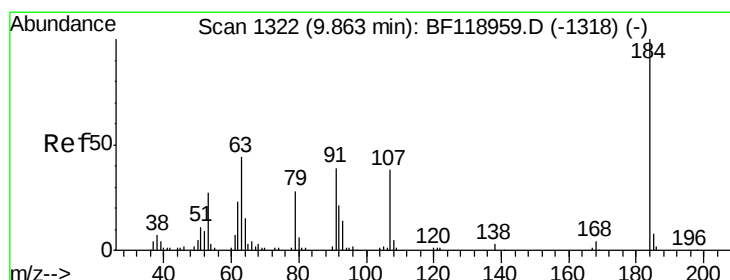
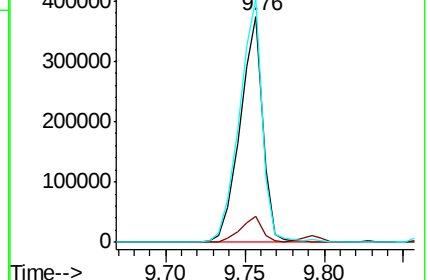
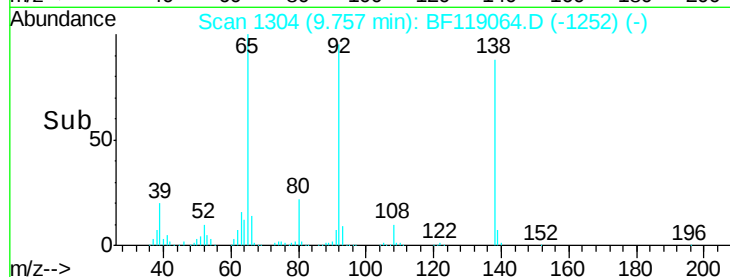
92 107.7 84.6 127.0



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

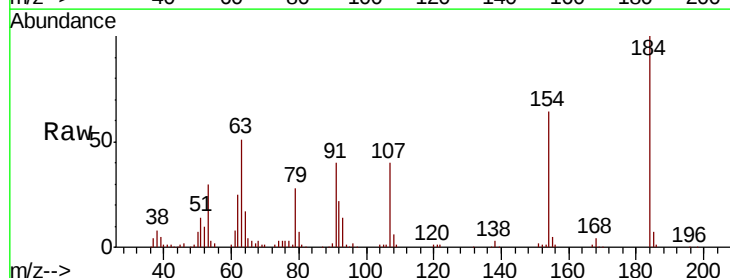
Tgt Ion:184 Resp: 163936

Ion Ratio Lower Upper

184 100

63 51.3 37.8 56.6

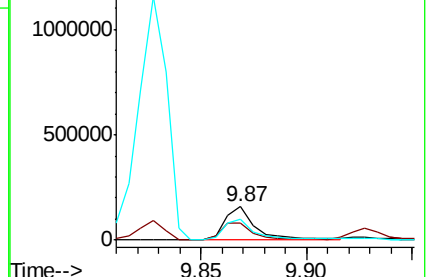
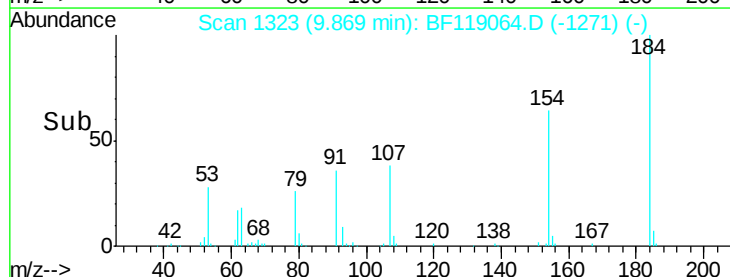
154 64.1 47.6 71.4

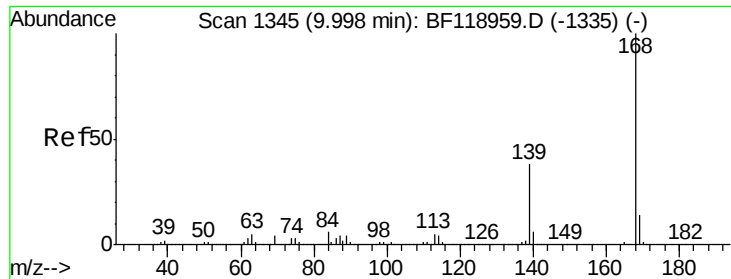


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

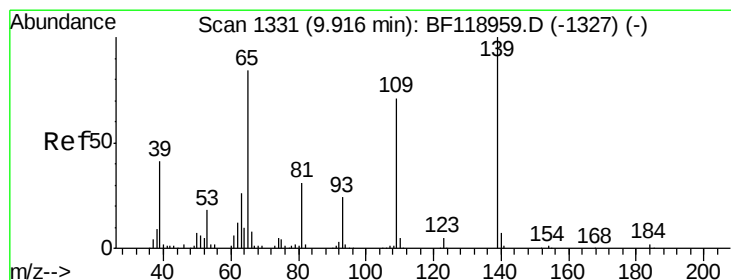
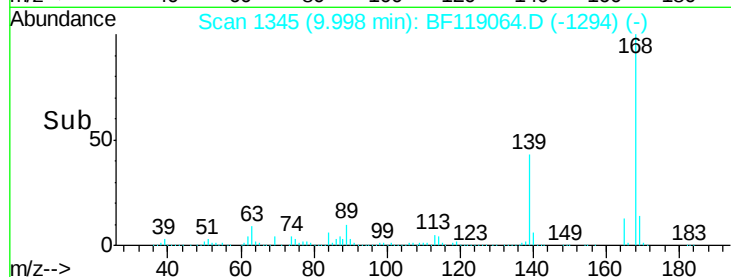
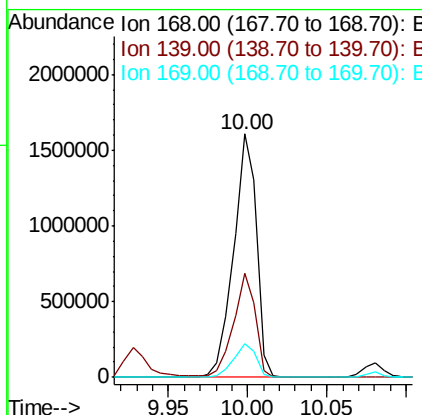
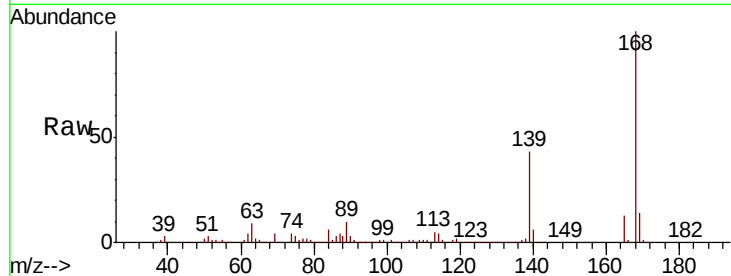




#55
Dibenzenofuran
Concen: 37.764 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

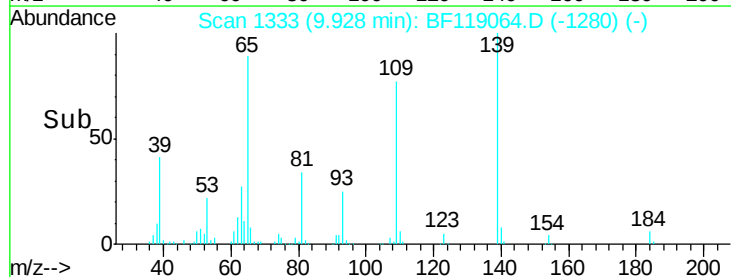
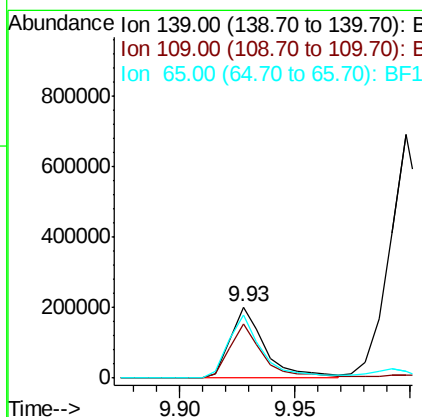
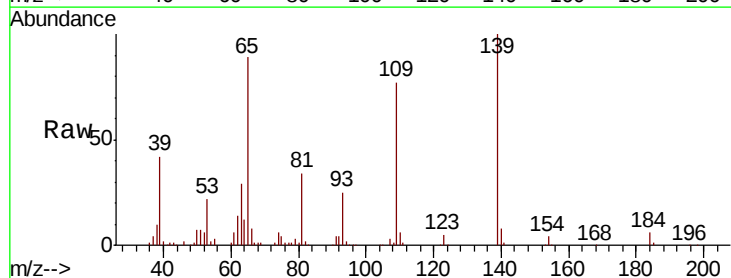
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

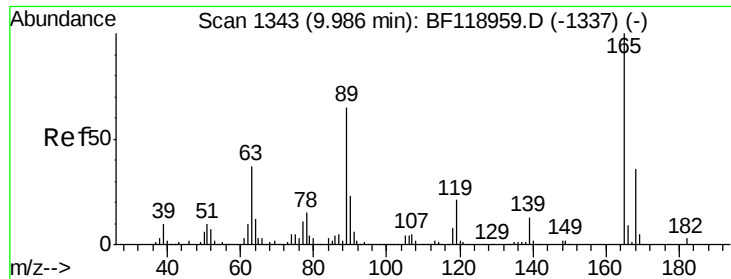
Tot Ion:168 Resp: 1608923
Ion Ratio Lower Upper
168 100
139 42.9 31.7 47.5
169 13.9 11.0 16.4



#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

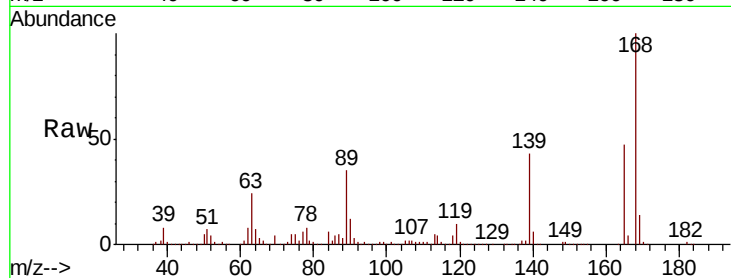




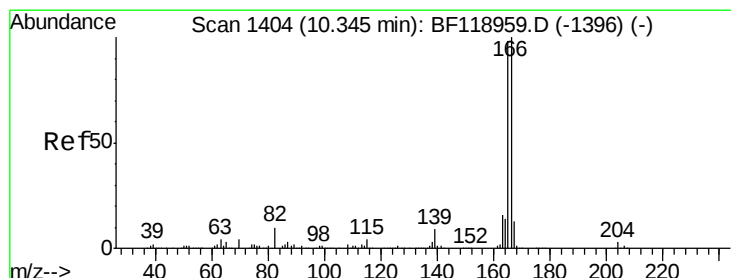
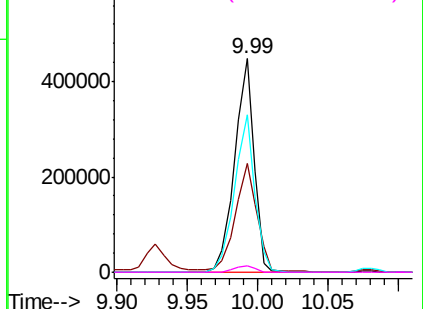
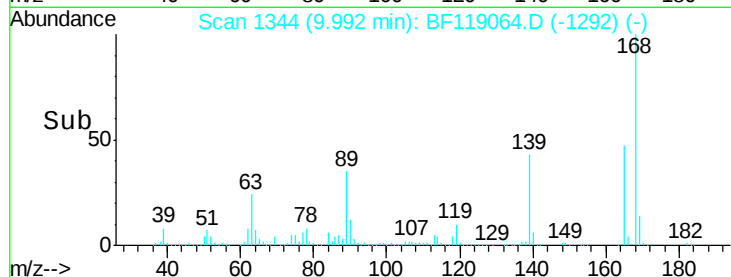
#57
 2,4-Dinitrotoluene
 Concen: 38.745 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot 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

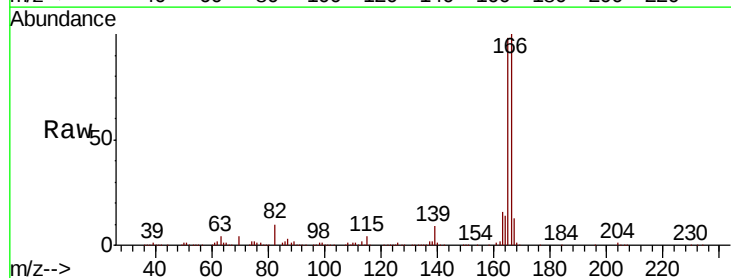


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

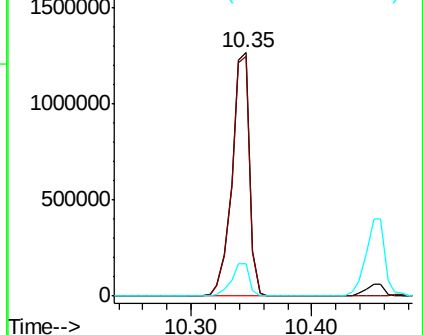
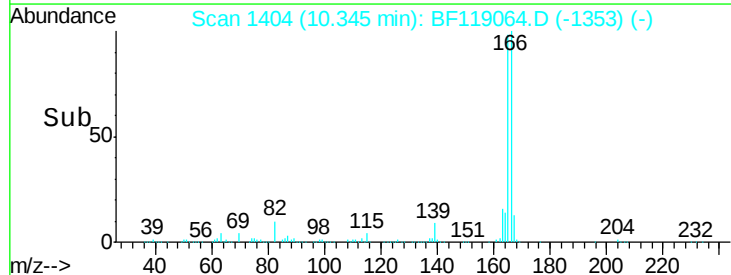


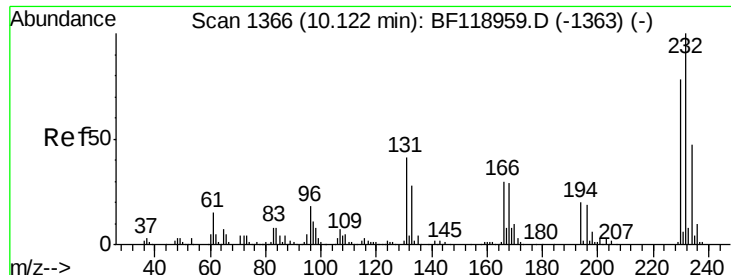
#58
 Fluorene
 Concen: 38.632 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

Tgt Ion	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

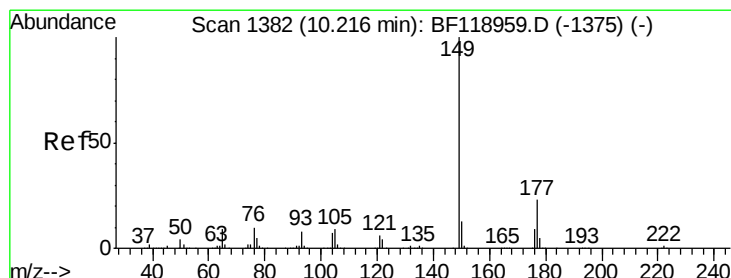
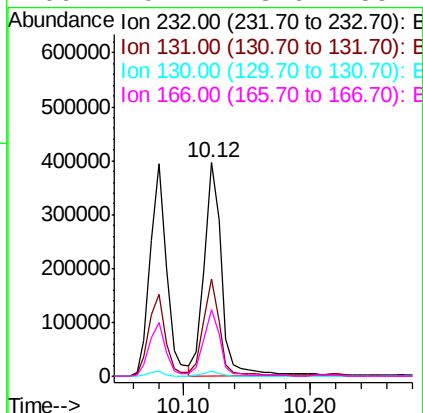
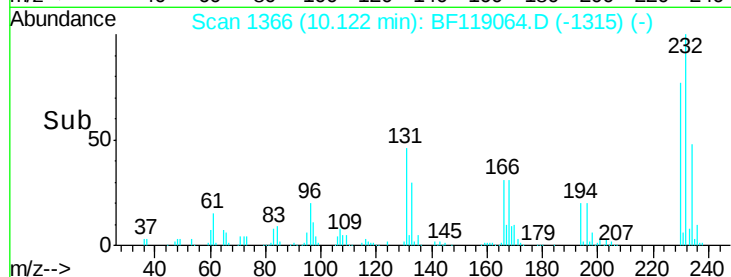
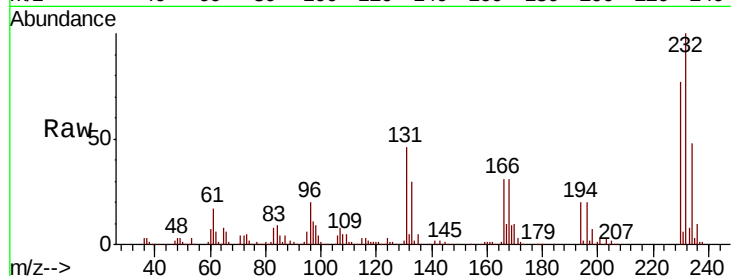




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.581 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

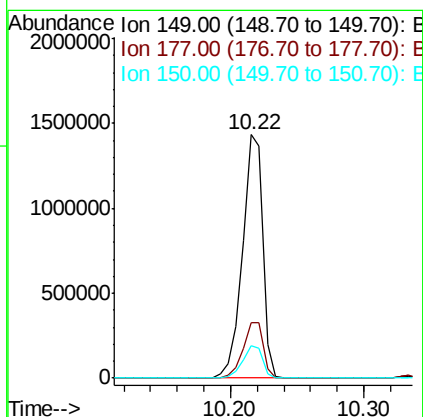
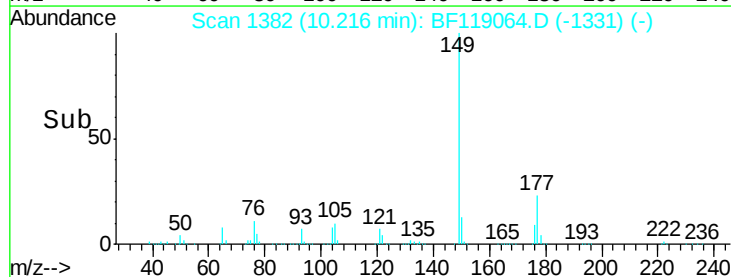
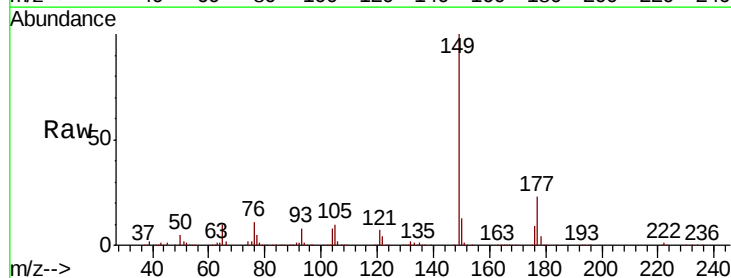
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

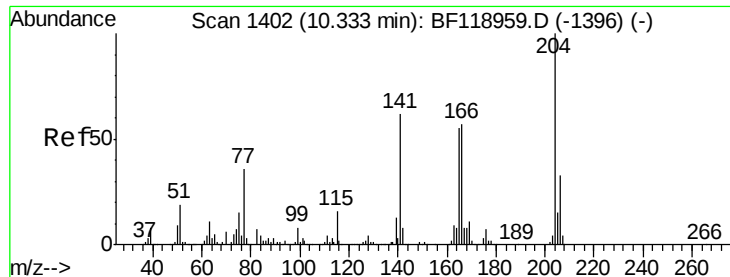
Tot Ion:	232	Resp:	375515
Ion	Ratio	Lower	Upper
232	100		
131	43.5	34.0	51.0
130	2.4	1.6	2.4
166	29.7	23.6	35.4



#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:	149	Resp:	1494847
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.1	27.1
150	13.2	10.4	15.6

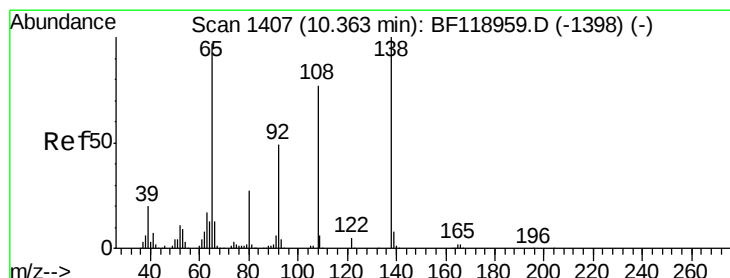
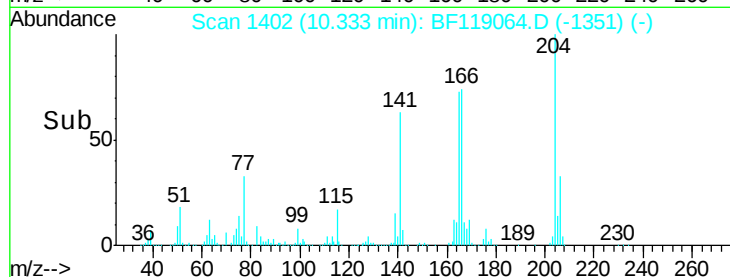
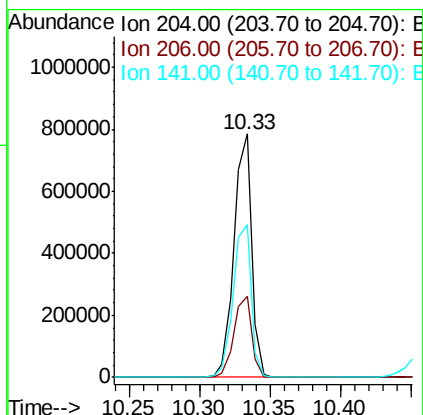
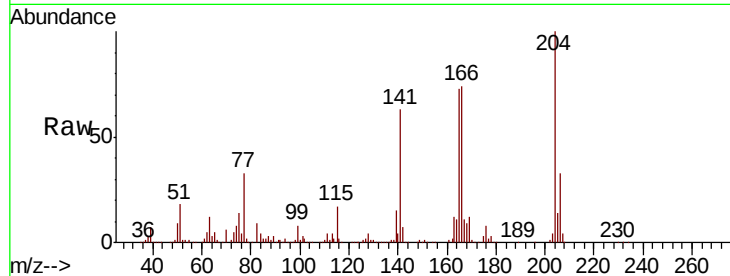




#61
4-Chlorophenyl-phenylether
Concen: 39.219 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

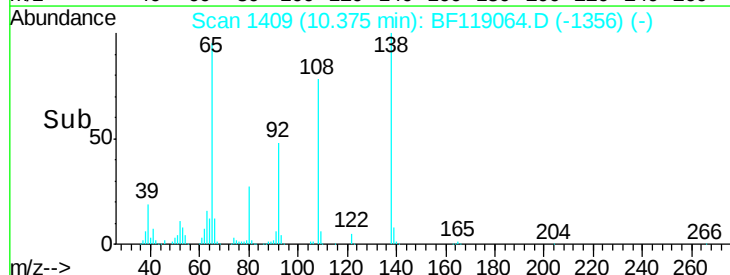
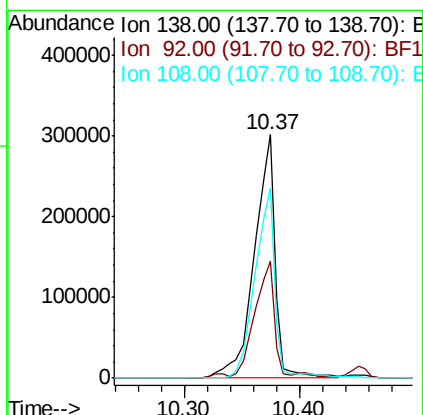
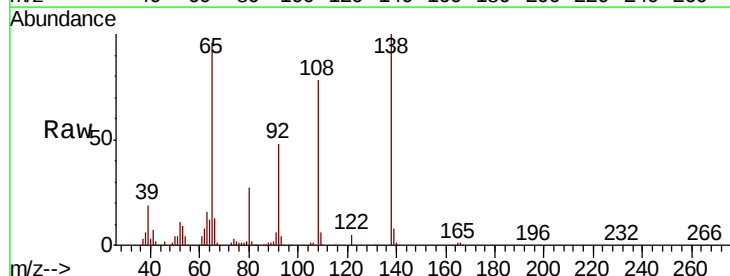
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

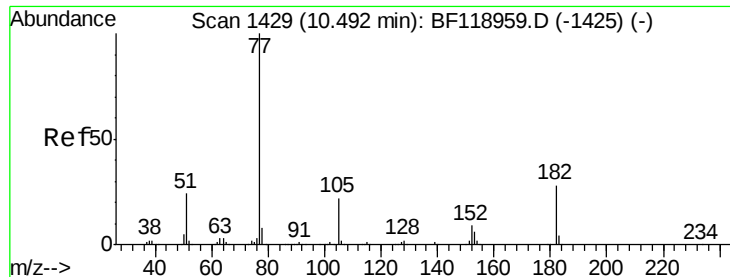
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	62.7	49.5	74.3



#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

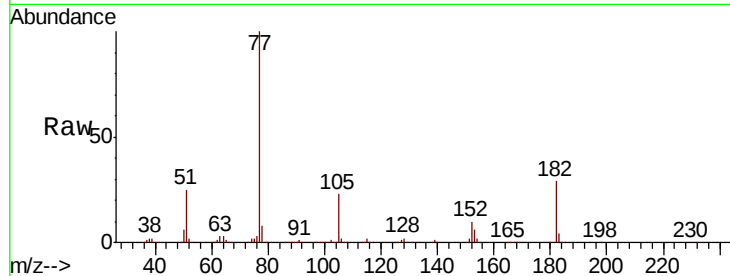




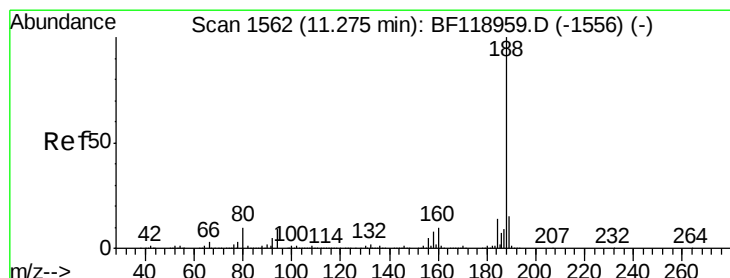
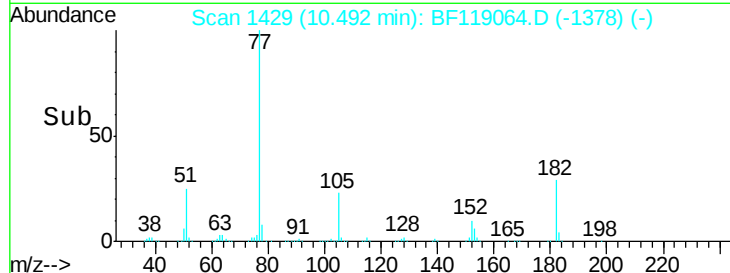
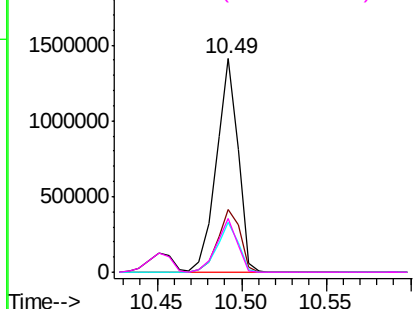
#63
Azobenzene
Concen: 40.018 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

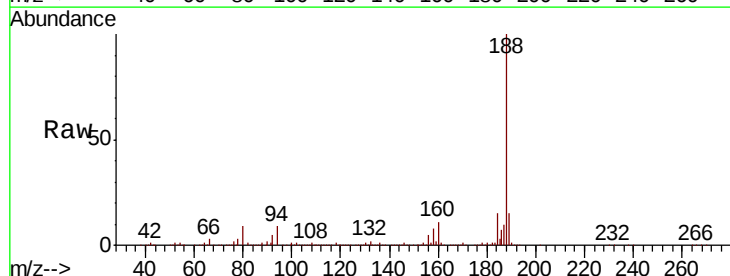


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

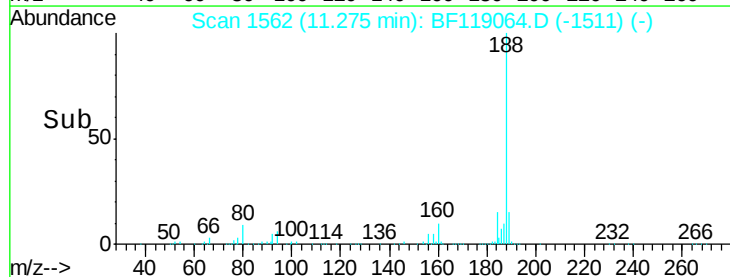
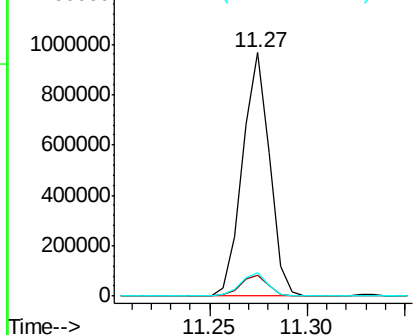


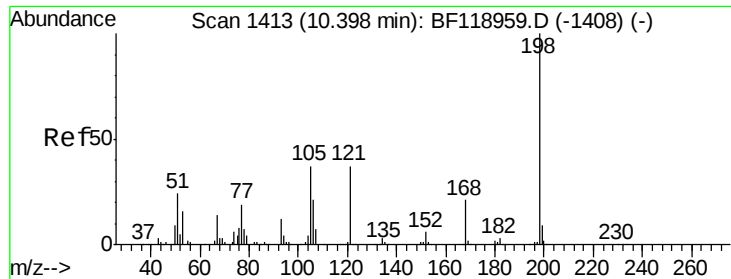
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

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

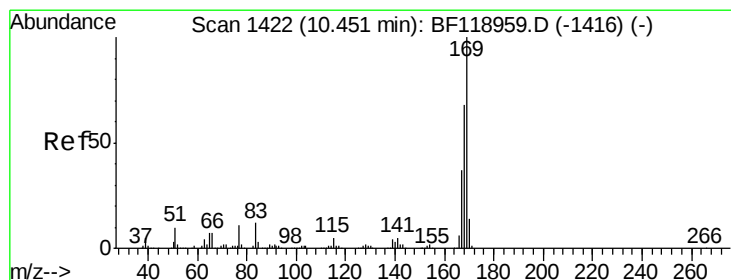
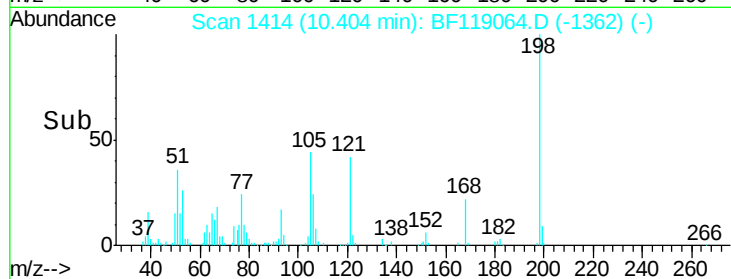
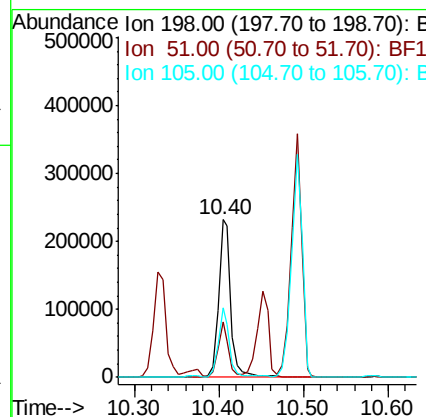
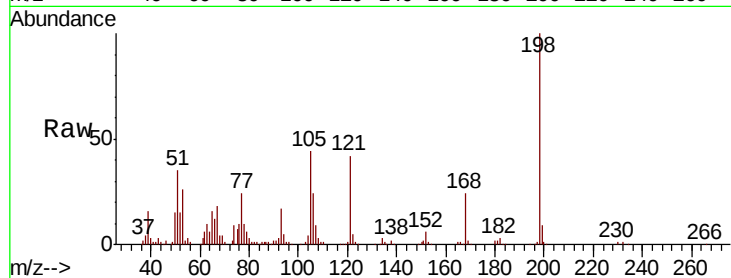




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.168 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

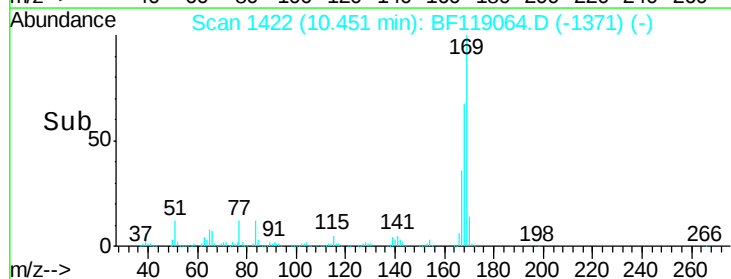
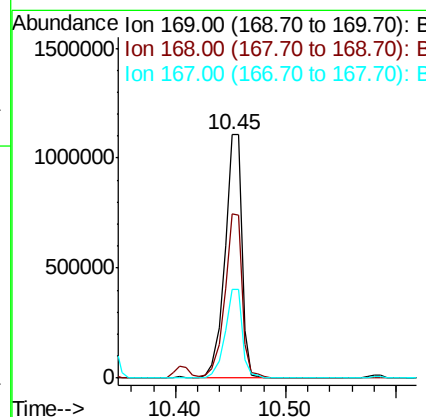
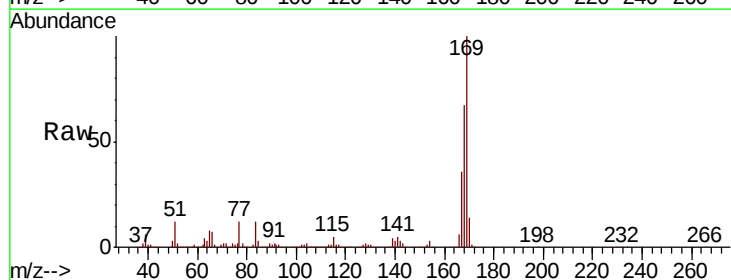
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

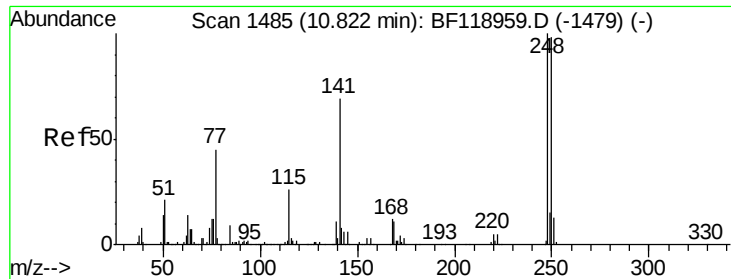
Tot Ion	Ratio	Lower	Upper
198	100		
51	35.4	7.1	47.1
105	43.9	18.3	58.3



#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	Ratio	Lower	Upper
169	100		
168	67.5	54.2	81.2
167	36.5	29.4	44.2

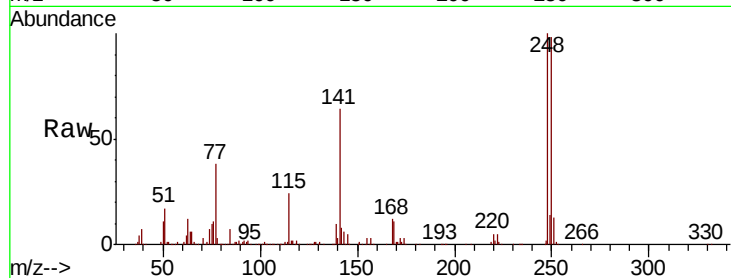




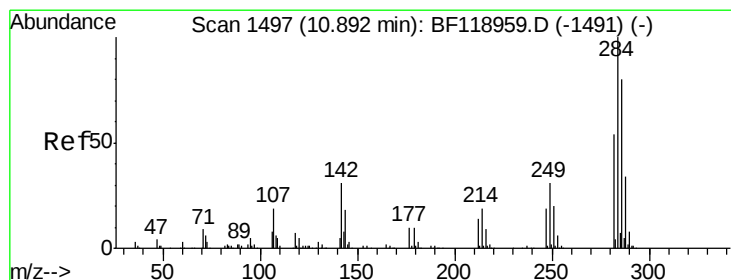
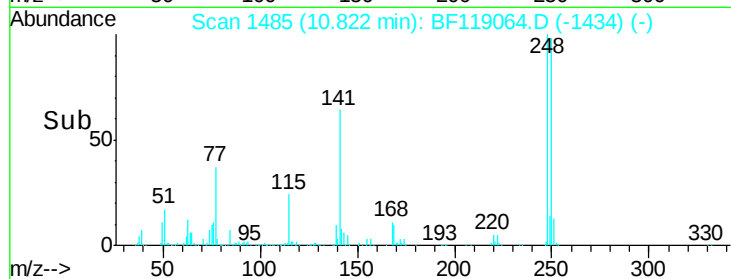
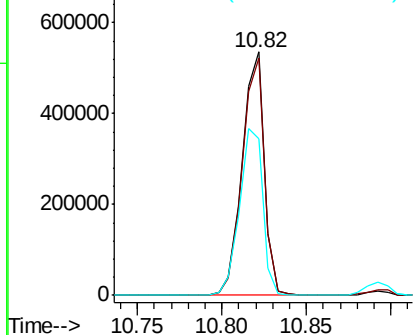
#67
4-Bromophenyl-phenylether
Concen: 40.486 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

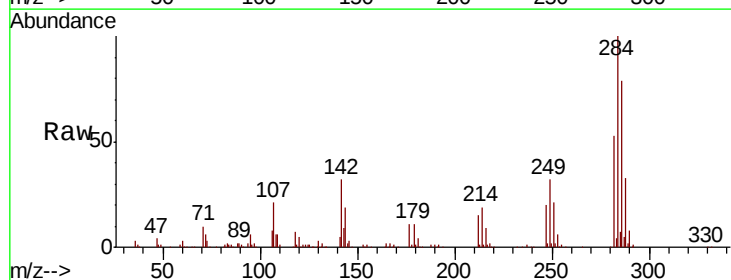


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

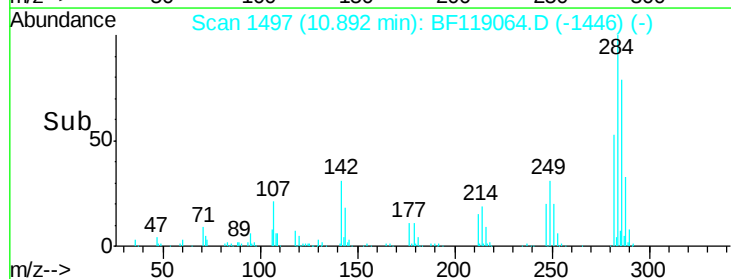
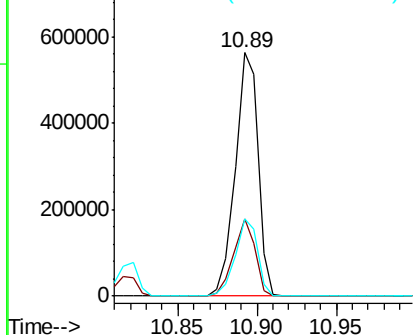


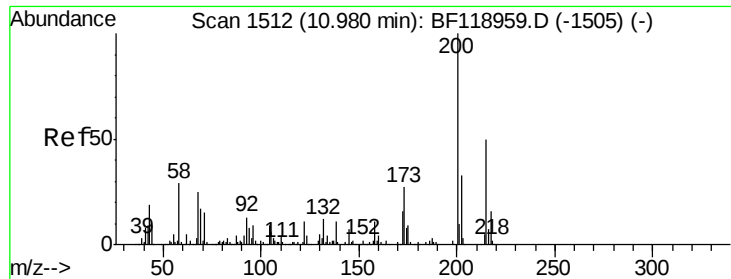
#68
Hexachlorobenzene
Concen: 40.065 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

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

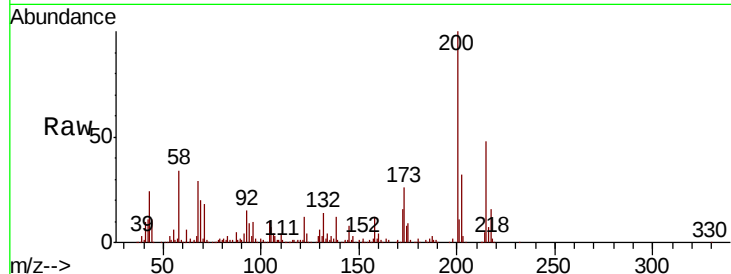




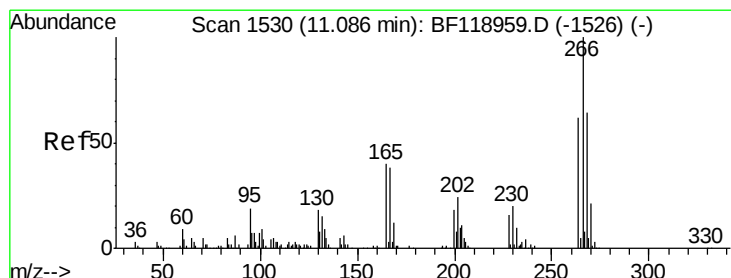
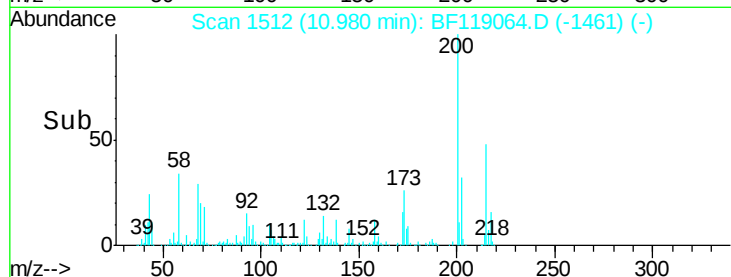
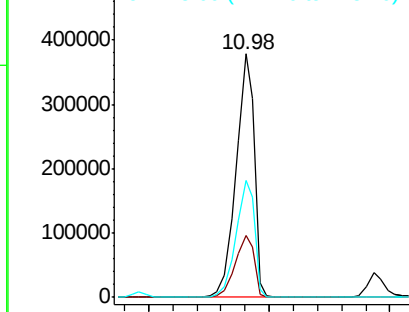
#69
Atrazine
Concen: 37.450 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

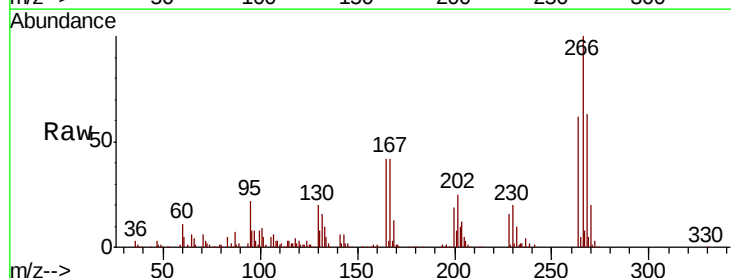


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

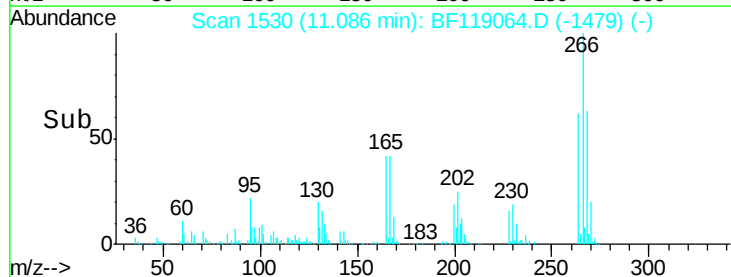
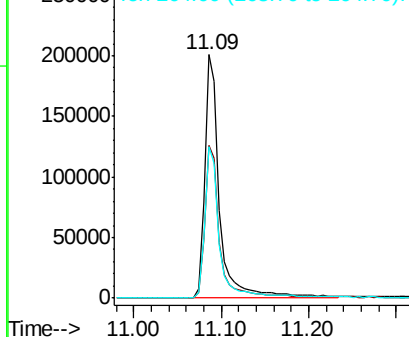


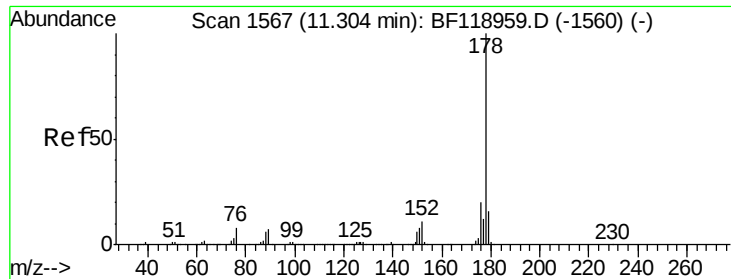
#70
Pentachlorophenol
Concen: 42.185 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

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

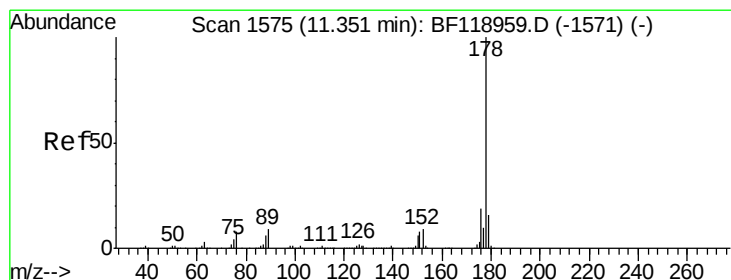
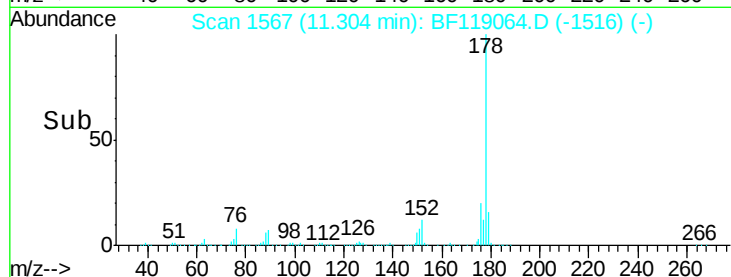
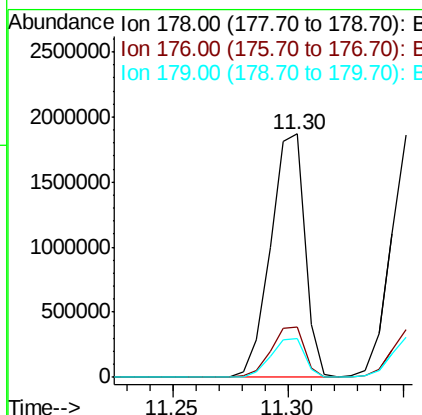
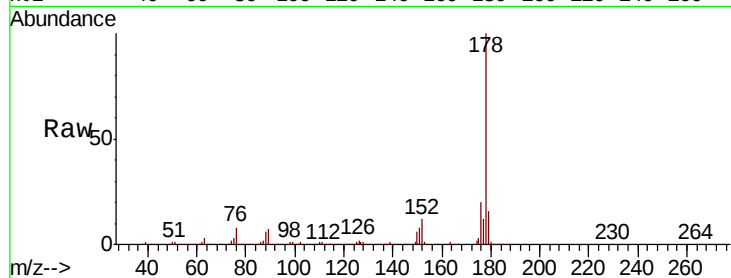




#71
Phenanthrene
Concen: 37.927 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

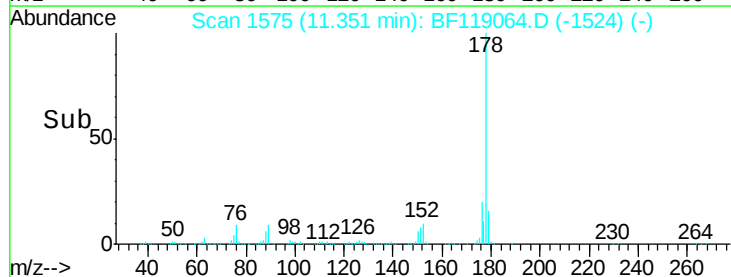
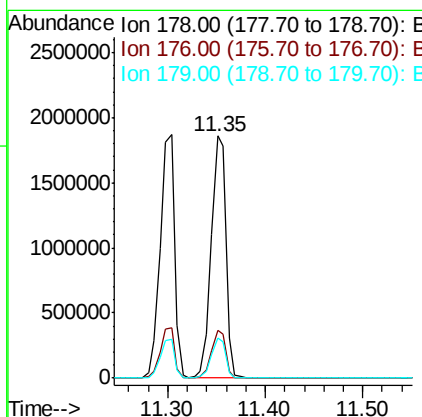
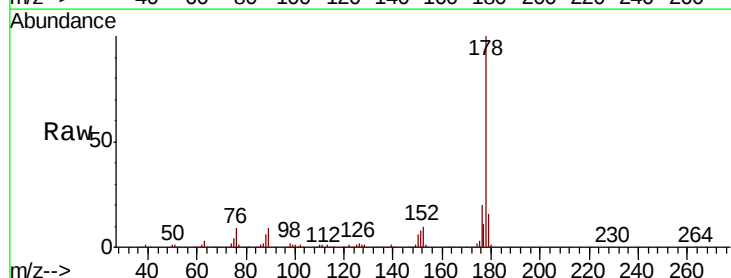
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

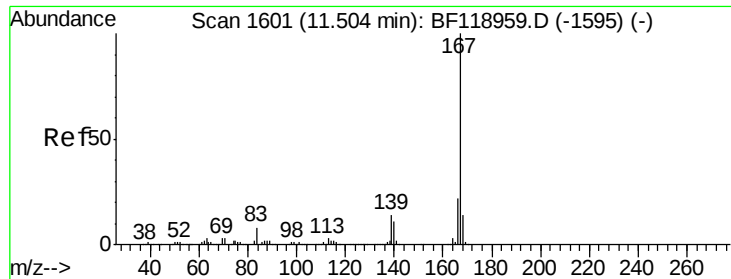
Tot Ion:178 Resp: 1922505
Ion Ratio Lower Upper
178 100
176 20.4 15.6 23.4
179 15.8 12.6 18.8



#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

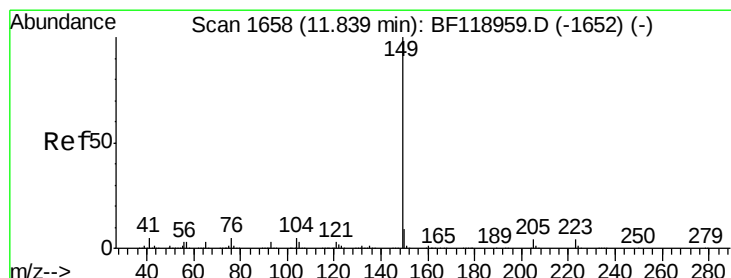
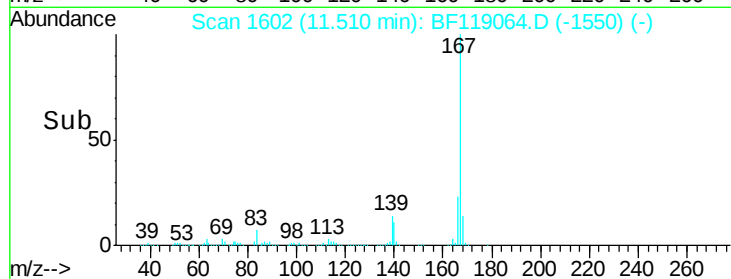
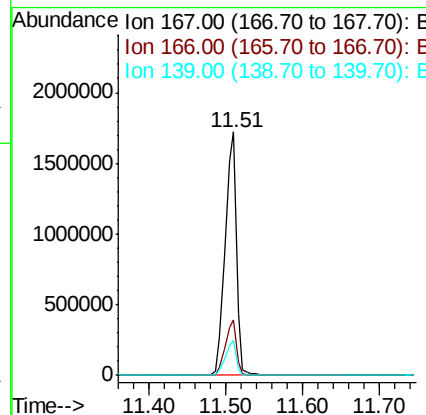
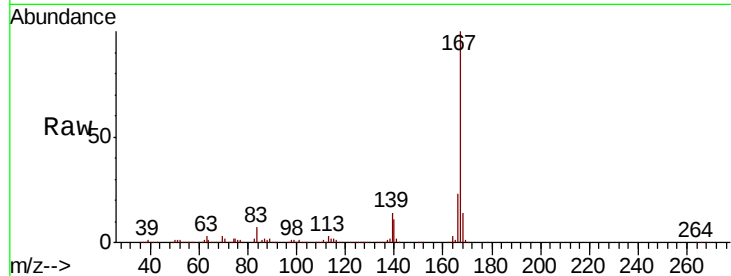




#73
 Carbazole
 Concen: 38.584 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF119064.D
 Acq: 25 Feb 2020 14:40

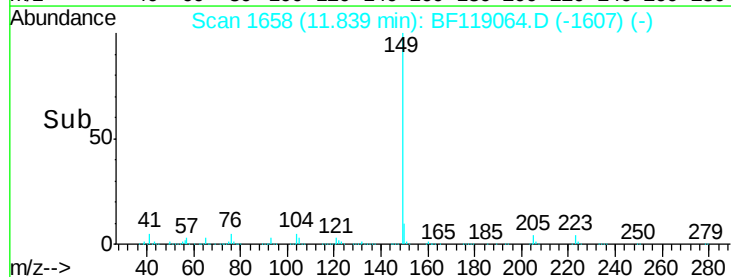
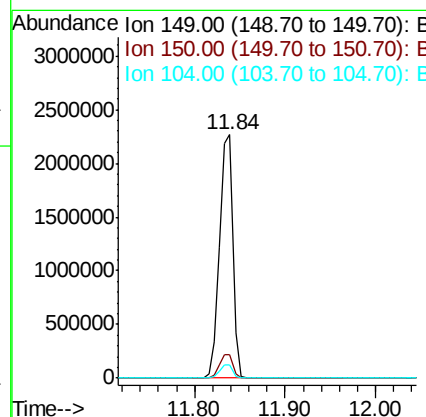
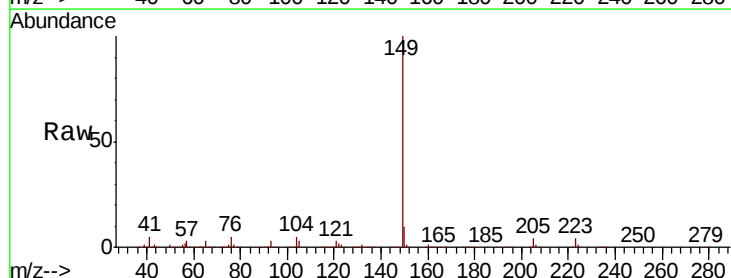
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

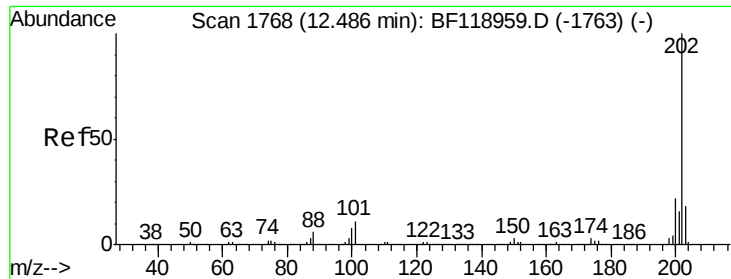
Tot Ion:167 Resp: 1740949
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.8 26.6
 139 14.1 11.2 16.8



#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





#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

ClientSampleId :

SSTDCCC040

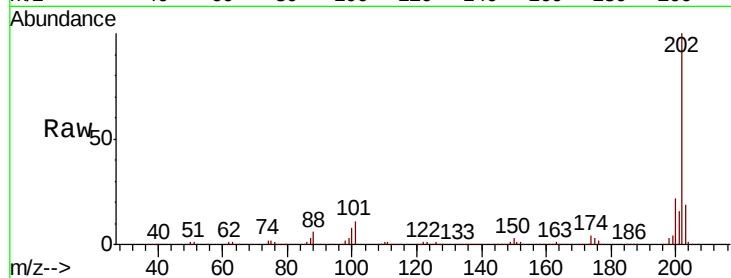
Tot Ion:202 Resp: 2073885

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.1

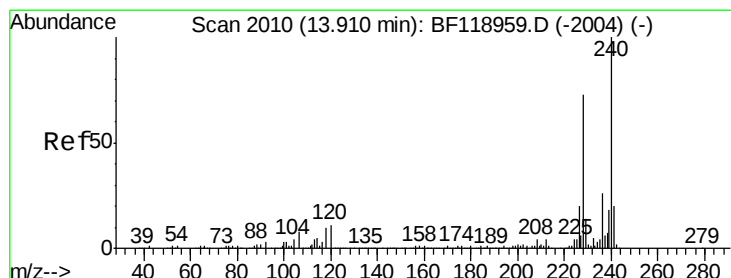
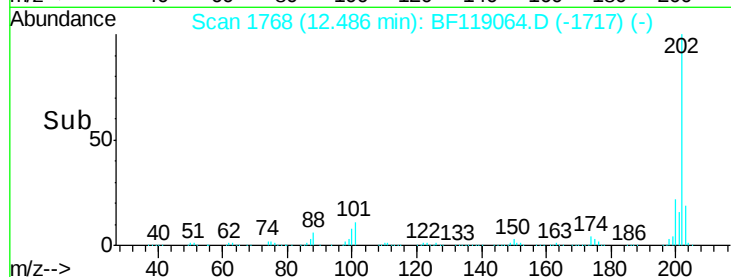
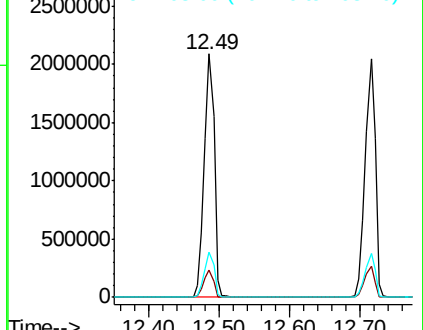
203 18.6 0.0 38.1



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

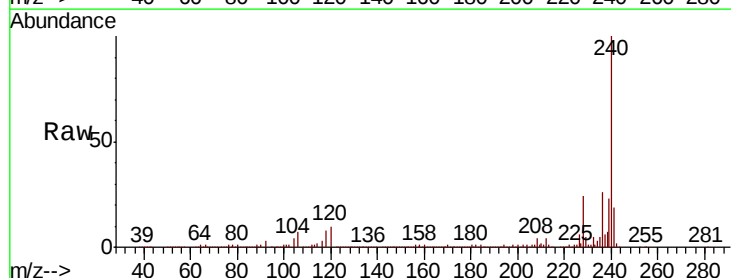
Tgt Ion:240 Resp: 675068

Ion Ratio Lower Upper

240 100

120 9.5 8.9 13.3

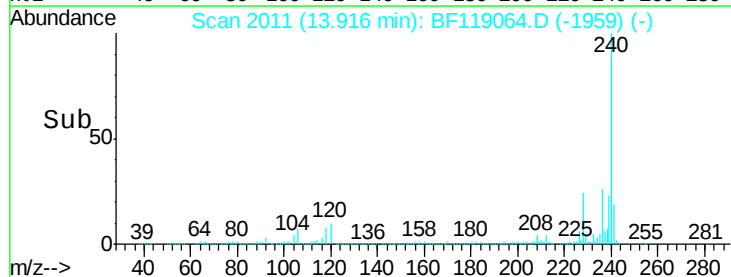
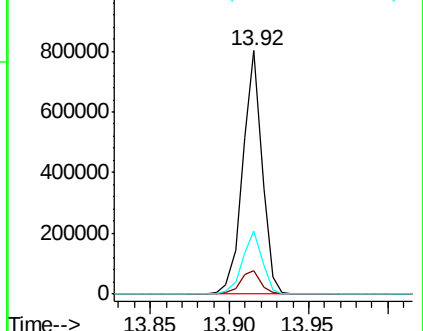
236 26.1 20.6 30.8

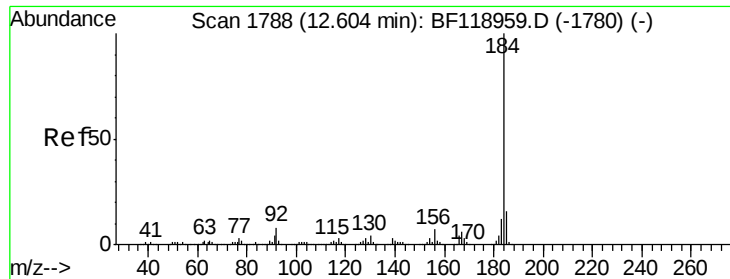


Abundance Ion 240.00 (239.70 to 240.70): E

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

ClientSampleId :

SSTDCCC040

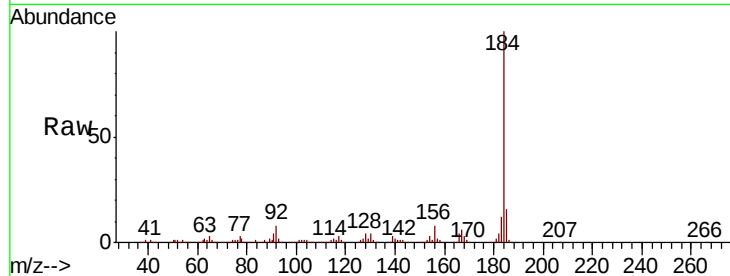
Tot Ion:184 Resp: 877431

Ion Ratio Lower Upper

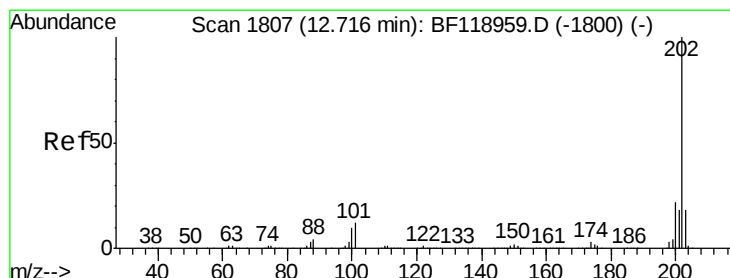
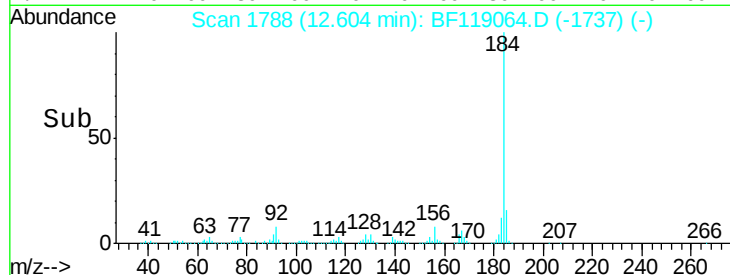
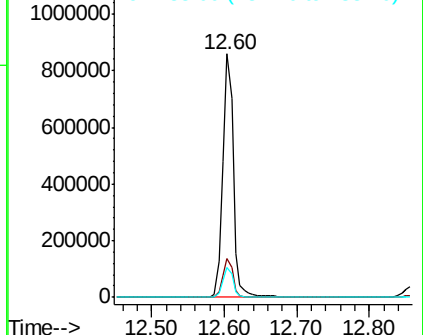
184 100

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

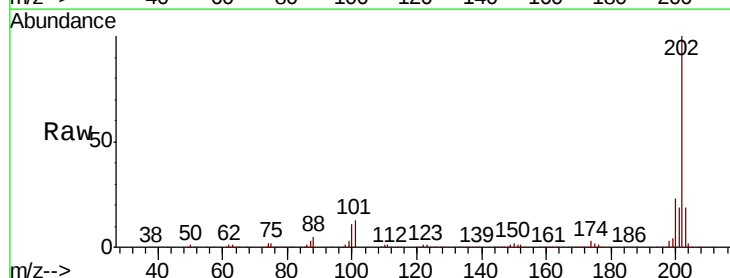
Tgt Ion:202 Resp: 2052080

Ion Ratio Lower Upper

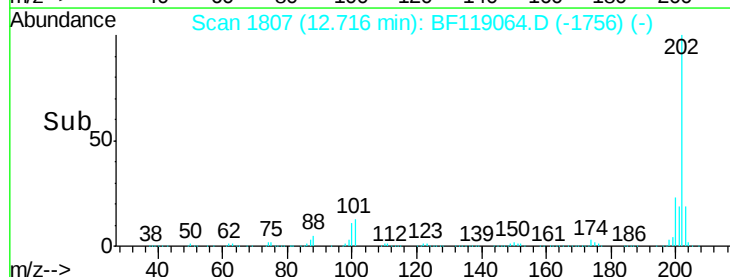
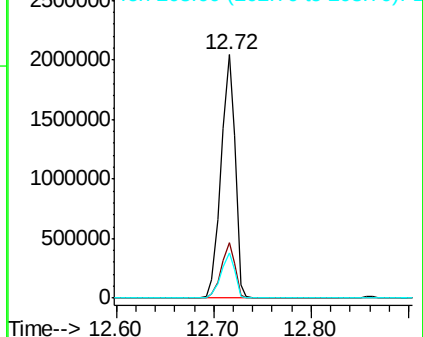
202 100

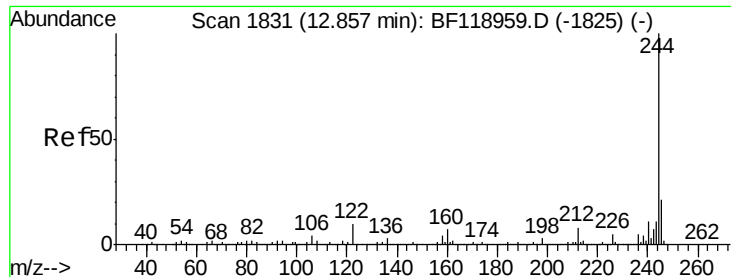
200 23.0 17.4 26.0

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 :

SSTDCCC040

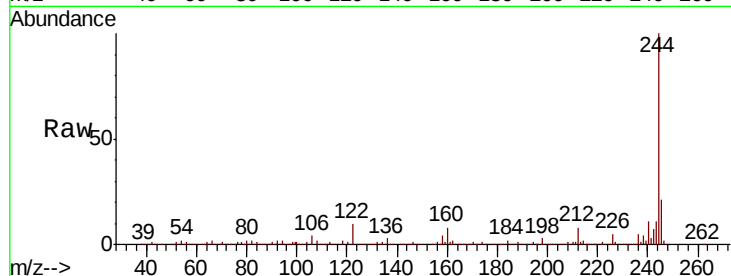
Tot Ion:244 Resp: 3078344

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

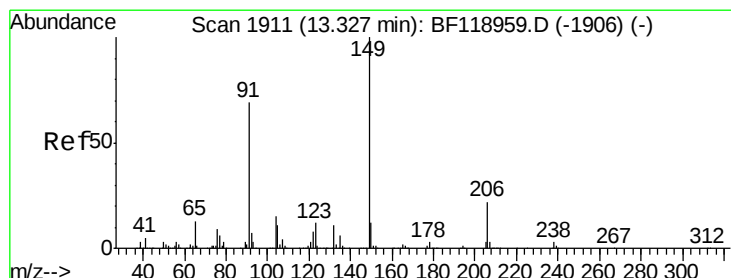
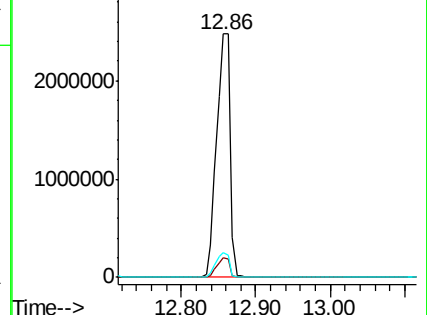
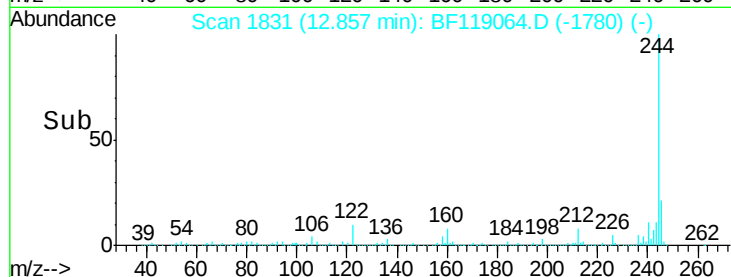
122 10.4 8.4 12.6



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

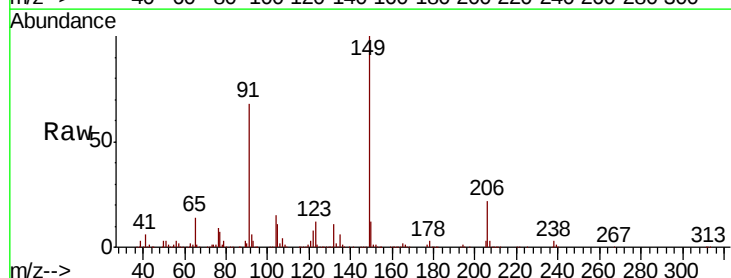
Tgt Ion:149 Resp: 999720

Ion Ratio Lower Upper

149 100

91 68.4 55.4 83.2

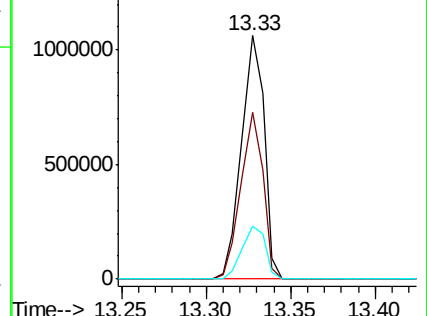
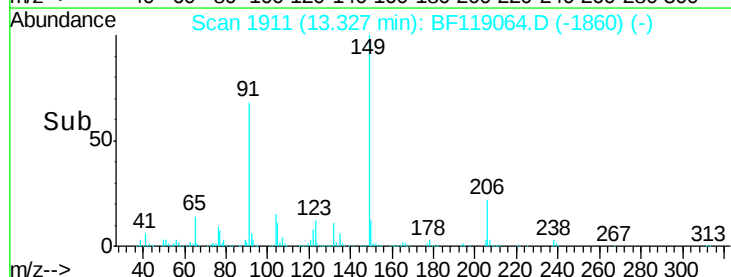
206 21.7 17.7 26.5

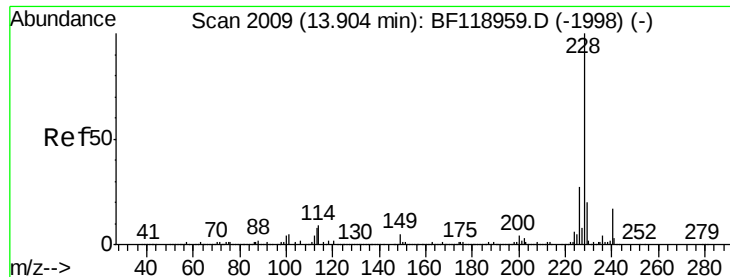


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

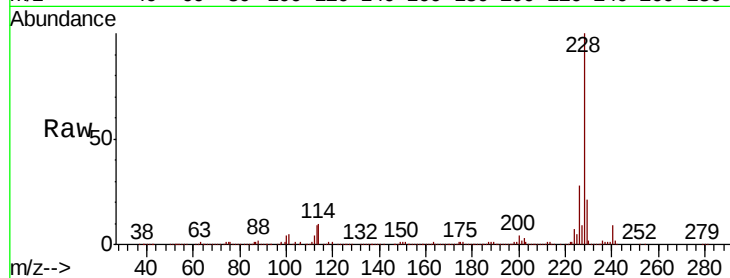
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1791713

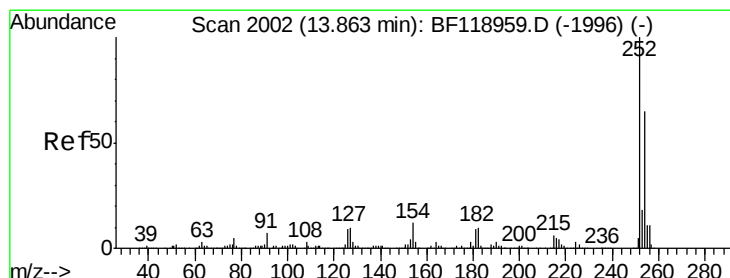
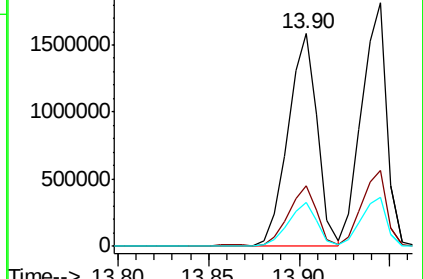
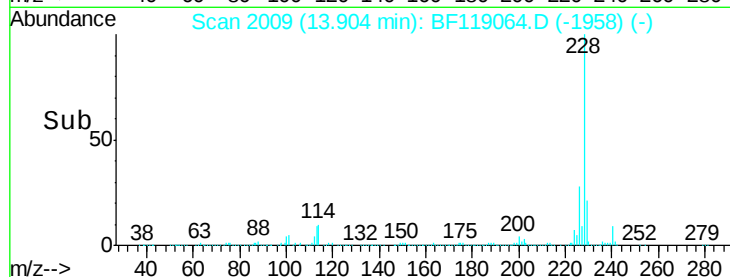
Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.8	32.8
229	20.6	16.0	24.0



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

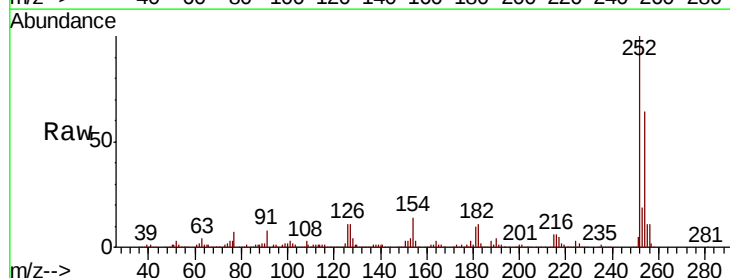
Delta R.T. -0.00 min

Lab File: BF119064.D

Acq: 25 Feb 2020 14:40

Tgt Ion:252 Resp: 719034

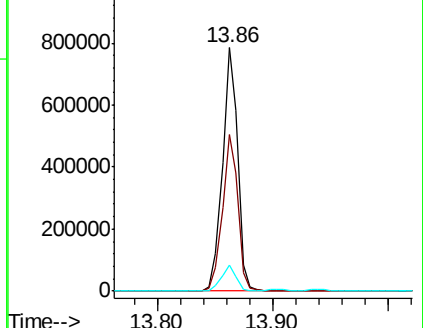
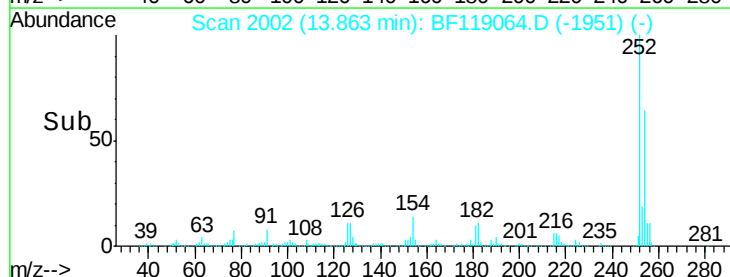
Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.1	78.1
126	10.5	7.3	10.9

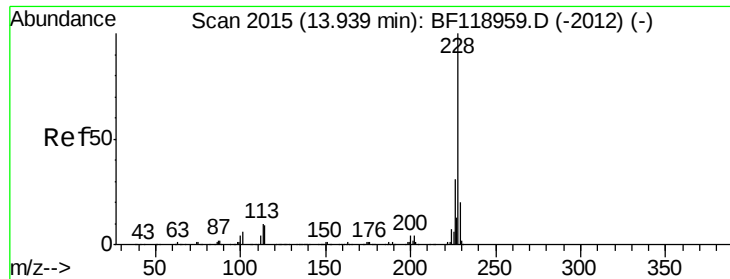


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

SSTDCCC040

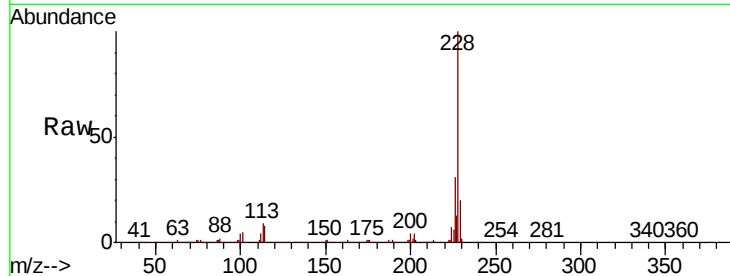
Tot Ion:228 Resp: 1749287

Ion Ratio Lower Upper

228 100

226 31.4 24.6 37.0

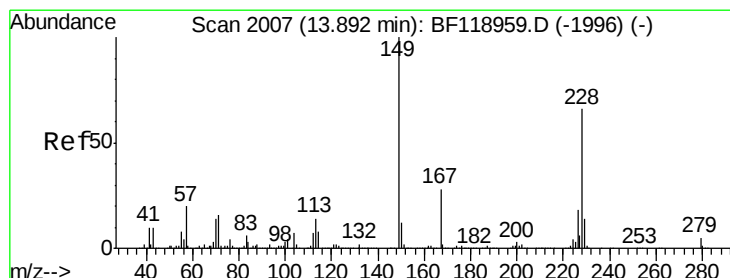
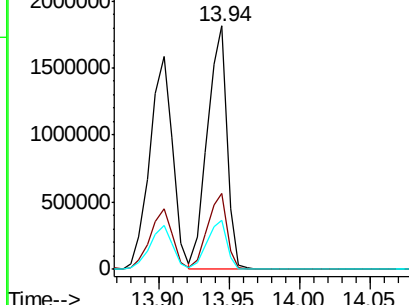
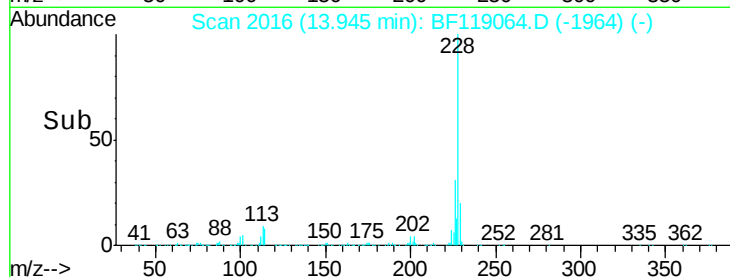
229 20.4 16.2 24.2



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

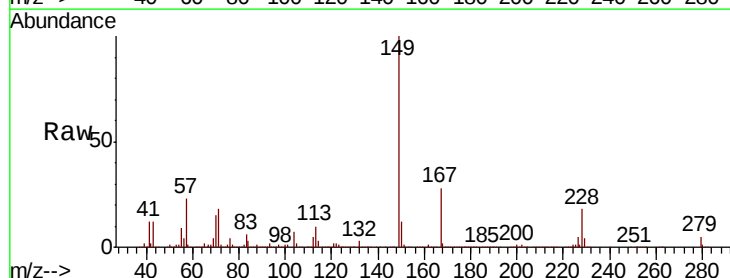
Tgt Ion:149 Resp: 1339337

Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

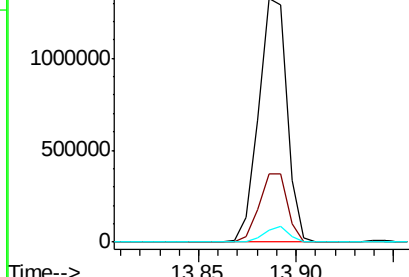
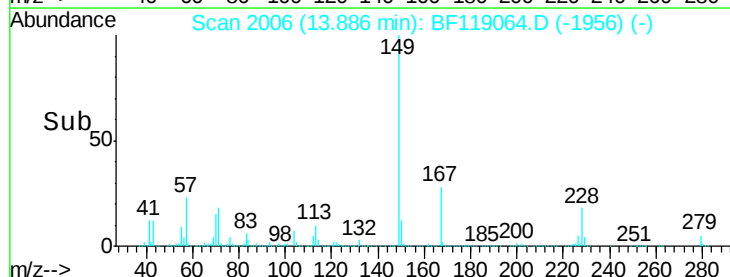
279 5.0 4.2 6.4

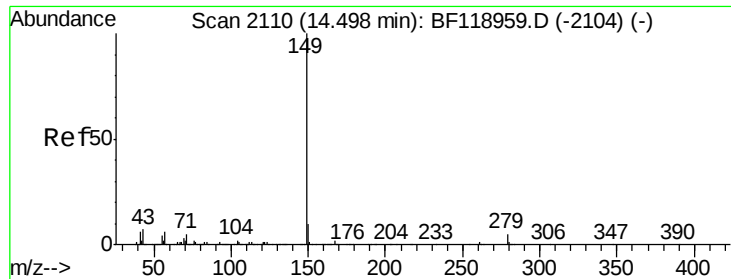


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

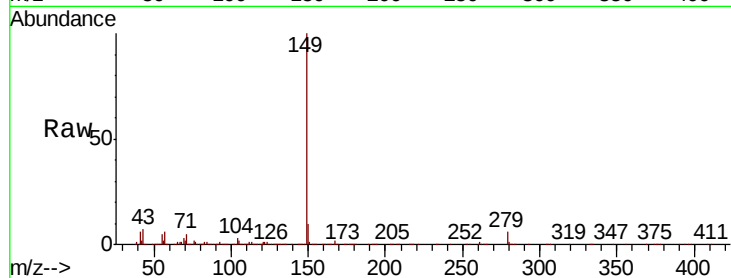




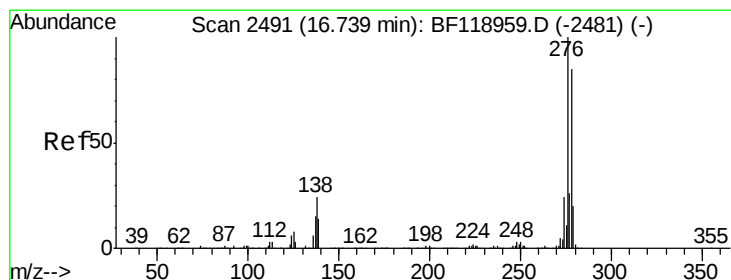
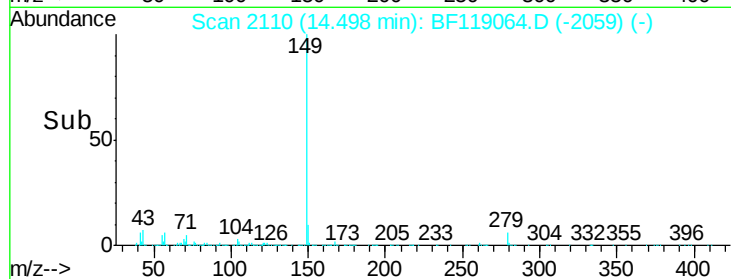
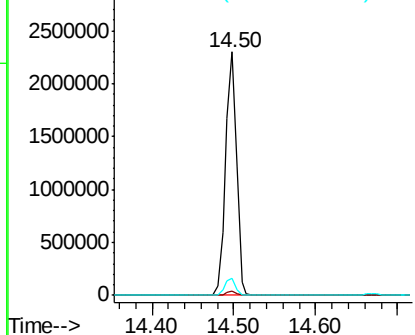
#85
Di-n-octyl phthalate
Concen: 46.522 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

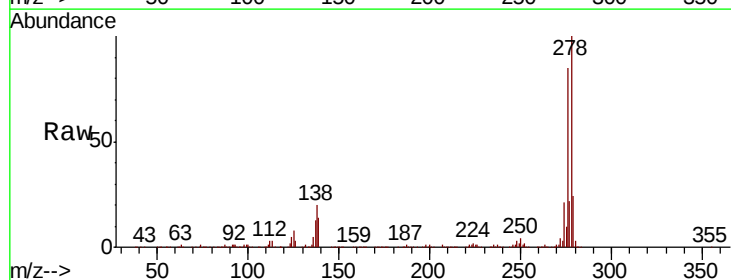


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

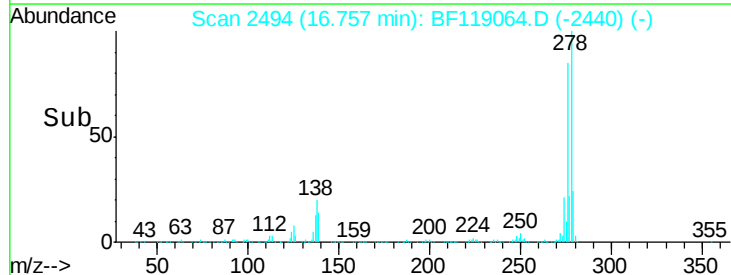
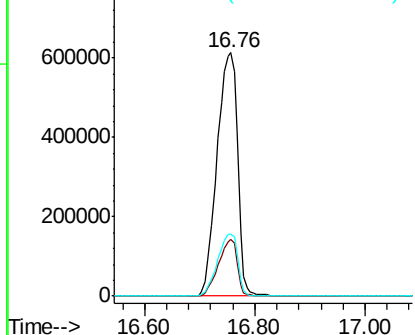


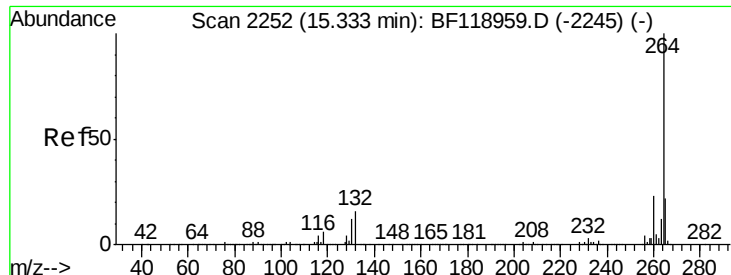
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.164 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.02 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

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



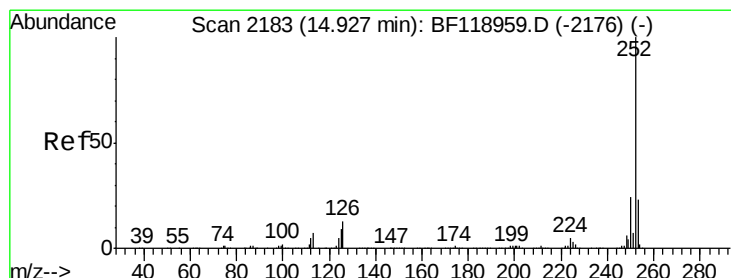
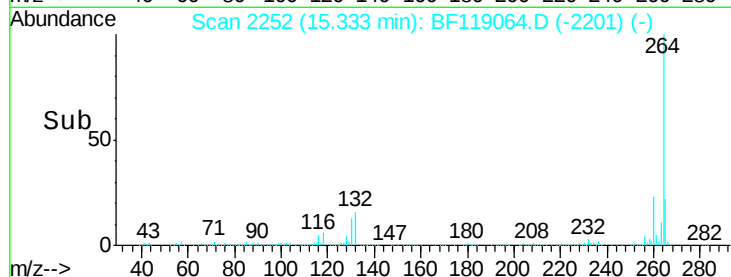
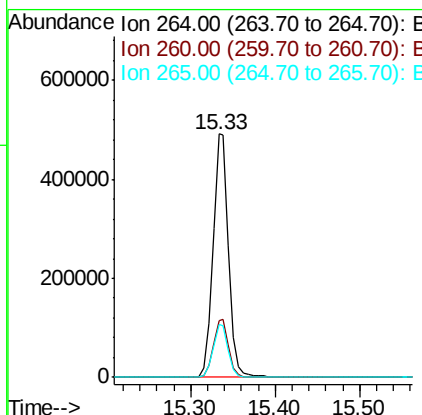
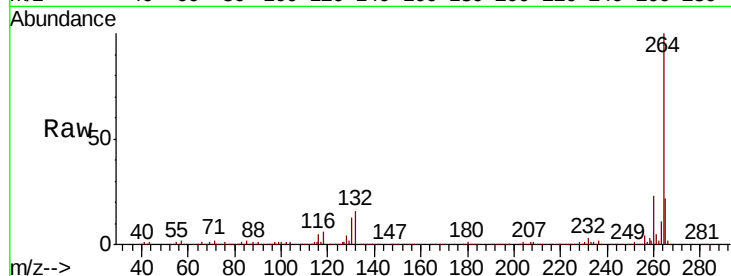


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 639227

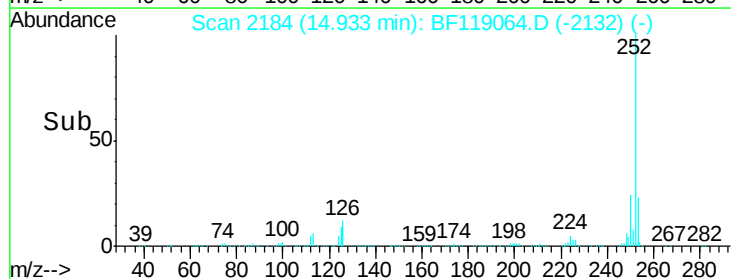
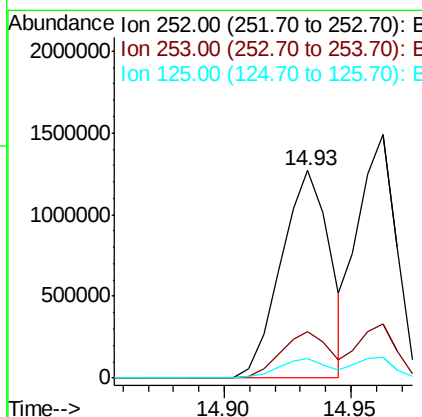
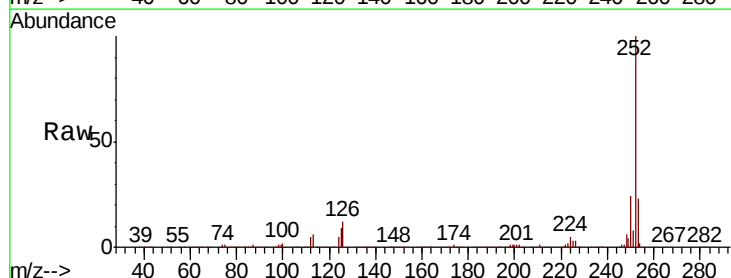
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.8	17.3	25.9

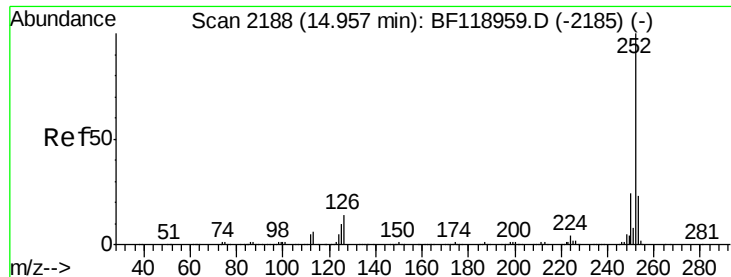


#88
Benzo(b)fluoranthene
Concen: 40.370 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

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

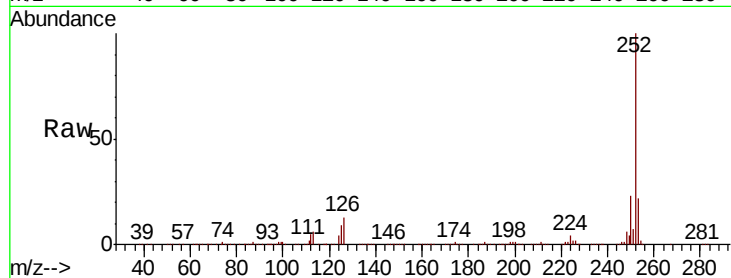




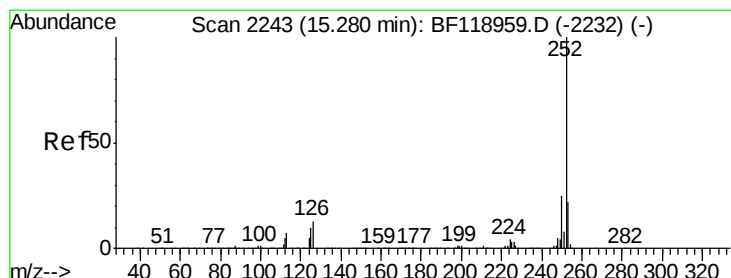
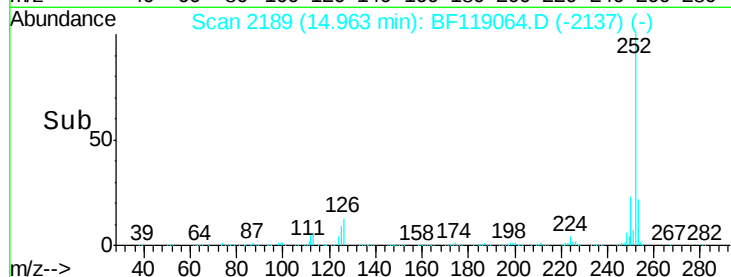
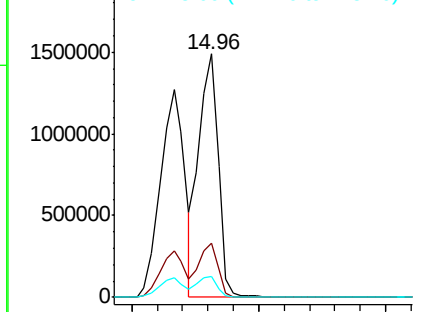
#89
Benzo(k)fluoranthene
Concen: 40.474 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

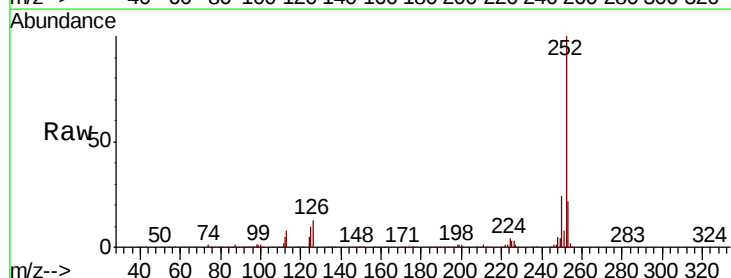


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

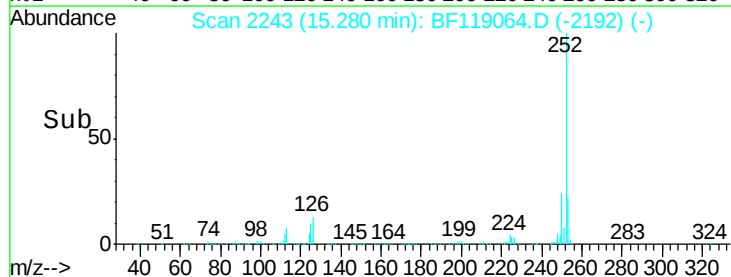
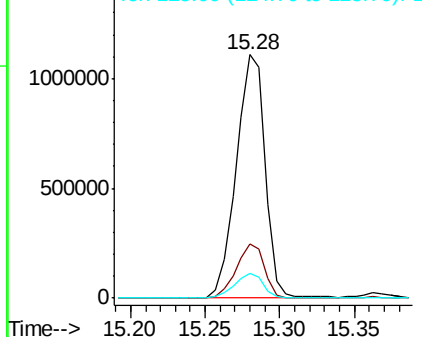


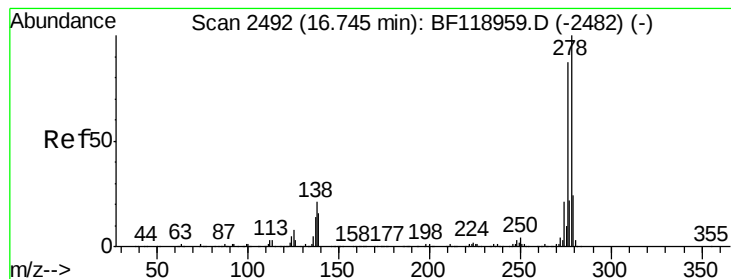
#90
Benzo(a)pyrene
Concen: 39.289 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF119064.D
Acq: 25 Feb 2020 14:40

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
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 :

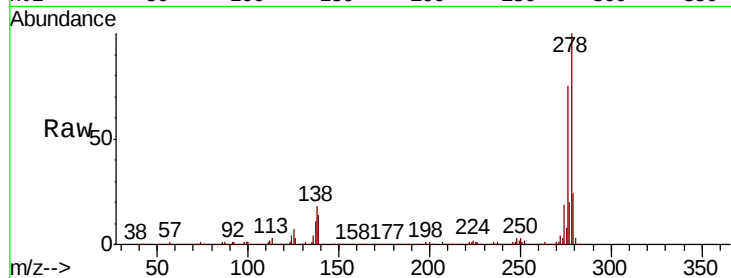
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1320257

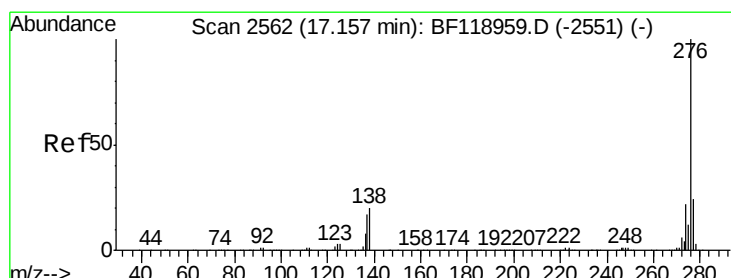
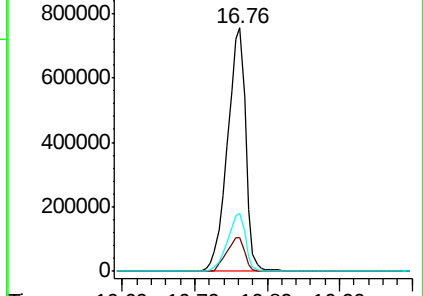
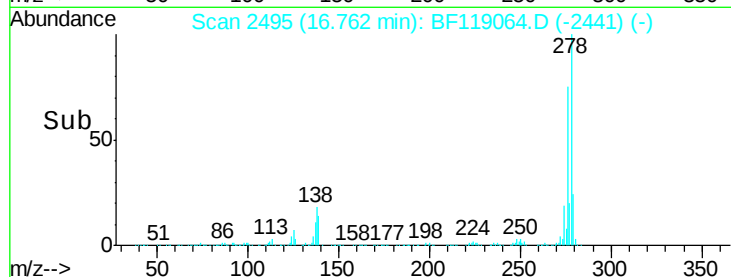
Ion	Ratio	Lower	Upper
278	100		
139	13.8	12.6	18.8
279	24.0	19.0	28.6



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

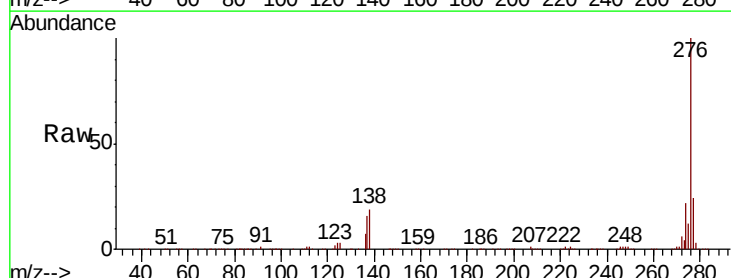
Delta R.T. 0.02 min

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

