

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119312.D
 Acq On : 10 Mar 2020 12:31
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 01:36:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	112983	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	431316	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	242131	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	454196	20.00	ng	0.00
76) Chrysene-d12	13.89	240	343147	20.00	ng	0.00
87) Perylene-d12	15.32	264	329850	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	554172	81.97	ng	0.00
7) Phenol-d6	6.39	99	667698	81.21	ng	0.00
23) Nitrobenzene-d5	7.30	82	655874	80.29	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	242278	76.49	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1269113	77.22	ng	0.00
79) Terphenyl-d14	12.83	244	1603253	80.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	113818	37.812	ng	99
3) Pyridine	3.11	79	307263	37.377	ng	98
4) n-Nitrosodimethylamine	3.06	42	98970	39.743	ng	98
6) Aniline	6.39	93	404614	39.881	ng	# 68
8) 2-Chlorophenol	6.52	128	299356	41.030	ng	99
9) Benzaldehyde	6.28	77	189862	34.562	ng	100
10) Phenol	6.40	94	364177	40.966	ng	91
11) bis(2-Chloroethyl)ether	6.46	93	273900	40.268	ng	97
12) 1,3-Dichlorobenzene	6.67	146	353530	40.428	ng	98
13) 1,4-Dichlorobenzene	6.75	146	358453	40.962	ng	98
14) 1,2-Dichlorobenzene	6.90	146	330910	41.464	ng	98
15) Benzyl Alcohol	6.88	79	253154	42.601	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	235369	39.946	ng	# 28
17) 2-Methylphenol	7.00	107	246031	41.592	ng	# 92
18) Hexachloroethane	7.23	117	128153	40.934	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	210704	43.978	ng	98
20) 3+4-Methylphenols	7.16	107	322018	44.434	ng	88
22) Acetophenone	7.15	105	410425	41.127	ng	# 93
24) Nitrobenzene	7.32	77	335665	41.552	ng	97
25) Isophorone	7.56	82	559917	39.467	ng	99
26) 2-Nitrophenol	7.63	139	167871	39.220	ng	100
27) 2,4-Dimethylphenol	7.68	122	223702	38.509	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	354519	38.392	ng	99
29) 2,4-Dichlorophenol	7.89	162	269267	39.375	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	311131	38.373	ng	98
31) Naphthalene	8.03	128	886032	39.610	ng	99
32) Benzoic acid	7.85	122	134276	33.950	ng	97
33) 4-Chloroaniline	8.09	127	387466	40.273	ng	99
34) Hexachlorobutadiene	8.15	225	198562	39.315	ng	97
35) Caprolactam	8.47	113	62763	29.806	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	283789	41.004	ng	99
37) 2-Methylnaphthalene	8.72	142	589204	39.141	ng	100
38) 1-Methylnaphthalene	8.82	142	560399	39.584	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	313547	38.408	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	86706	35.147	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	189285	36.717	nq	98
44) 2,4,5-Trichlorophenol	9.07	196	183557	33.931	nq	99
46) 1,1'-Biphenyl	9.19	154	768715	39.282	nq	98
47) 2-Chloronaphthalene	9.21	162	618518	39.222	nq	99
48) 2-Nitroaniline	9.32	65	184090	41.853	nq	95
49) Acenaphthylene	9.63	152	878712	38.580	nq	99
50) Dimethylphthalate	9.49	163	722805	39.038	nq	99
51) 2,6-Dinitrotoluene	9.56	165	159955	38.885	nq #	80
52) Acenaphthene	9.80	154	537386	39.129	nq	99
53) 3-Nitroaniline	9.73	138	180932	39.675	nq	94
54) 2,4-Dinitrophenol	9.86	184	63362	36.206	nq #	87
55) Dibenzofuran	9.97	168	800305	39.041	nq	99
56) 4-Nitrophenol	9.93	139	98215	35.845	nq	95
57) 2,4-Dinitrotoluene	9.97	165	208701	39.142	nq	91
58) Fluorene	10.31	166	654950	41.117	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	159957	35.042	nq	97
60) Diethylphthalate	10.19	149	705132	40.412	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	345079	40.928	nq	100
62) 4-Nitroaniline	10.35	138	177216	37.982	nq	96
63) Azobenzene	10.46	77	620222	40.895	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	101535	36.943	nq	91
66) n-Nitrosodiphenylamine	10.42	169	576666	38.775	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	228396	38.470	nq	98
68) Hexachlorobenzene	10.87	284	264566	38.651	nq	97
69) Atrazine	10.95	200	181856	34.998	nq	98
70) Pentachlorophenol	11.07	266	103318	37.470	nq	98
71) Phenanthrene	11.27	178	973252	39.292	nq	98
72) Anthracene	11.33	178	982905	39.715	nq	97
73) Carbazole	11.49	167	884376	40.111	nq	98
74) Di-n-butylphthalate	11.80	149	1097981	41.122	nq	98
75) Fluoranthene	12.46	202	1049011	39.898	nq	100
77) Benzidine	12.59	184	535998	38.408	nq	100
78) Pyrene	12.69	202	1061025	38.507	nq	98
80) Butylbenzylphthalate	13.30	149	471669	40.672	nq	97
81) Benzo(a)anthracene	13.88	228	937221	40.085	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	361317	39.797	nq	99
83) Chrysene	13.92	228	915495	39.297	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	640213	43.698	nq	99
85) Di-n-octyl phthalate	14.46	149	1029933	44.121	nq	100
86) Indeno(1,2,3-cd)pyrene	16.73	276	769274	34.102	nq	99
88) Benzo(b)fluoranthene	14.91	252	921012	42.361	nq	99
89) Benzo(k)fluoranthene	14.94	252	799526	39.681	nq	99
90) Benzo(a)pyrene	15.26	252	769311	39.205	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	638668	36.991	nq	99
92) Benzo(g,h,i)perylene	17.16	276	599046	35.115	nq	99

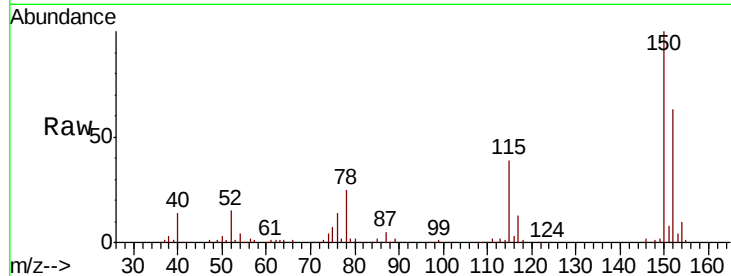
(#) = qualifier out of range (m) = manual integration (+) = signals summed



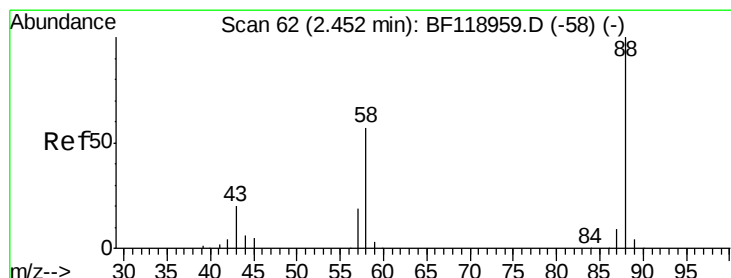
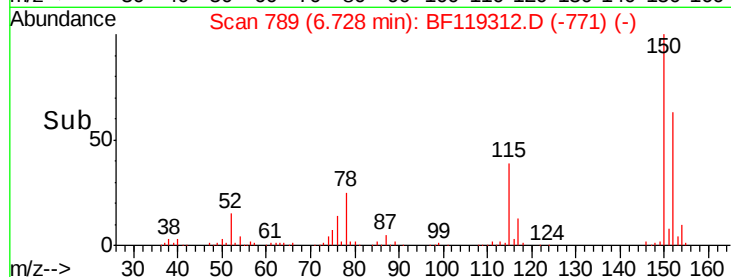
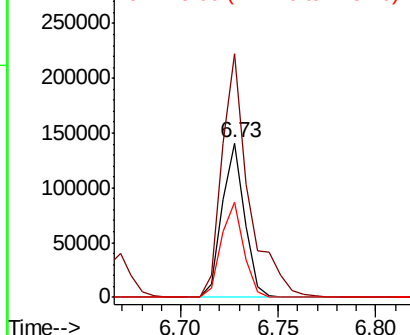
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 112983
 Ion Ratio Lower Upper
 152 100
 150 157.7 123.0 184.6
 115 61.6 49.5 74.3

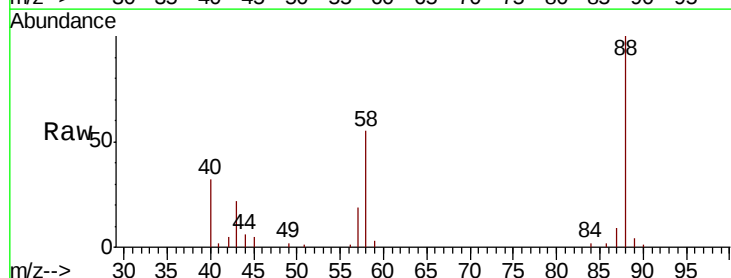


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

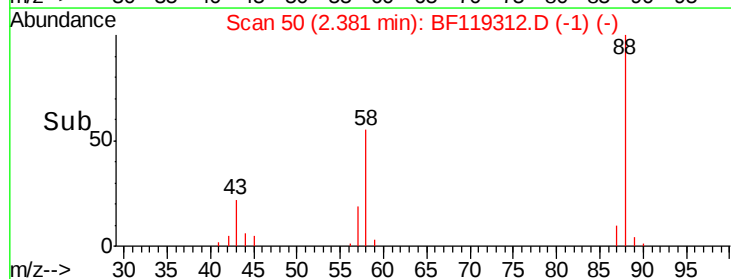
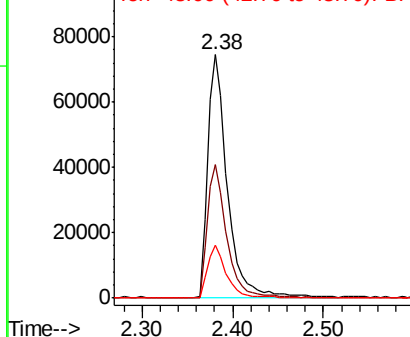


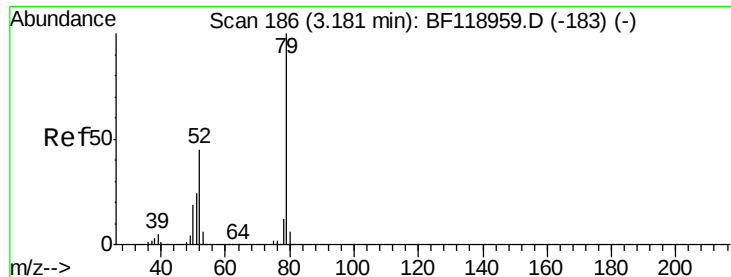
#2
 1,4-Dioxane
 Concen: 37.812 ng
 RT: 2.38 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Tgt Ion: 88 Resp: 113818
 Ion Ratio Lower Upper
 88 100
 58 54.2 43.8 65.6
 43 21.0 16.2 24.4



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

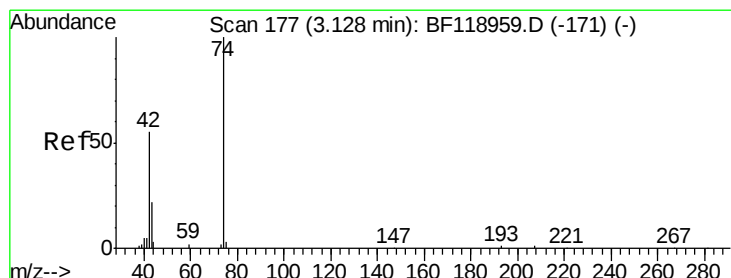
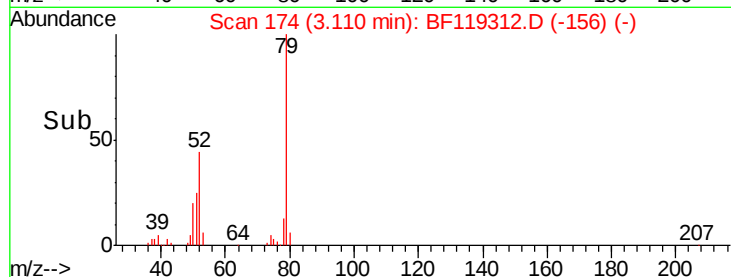
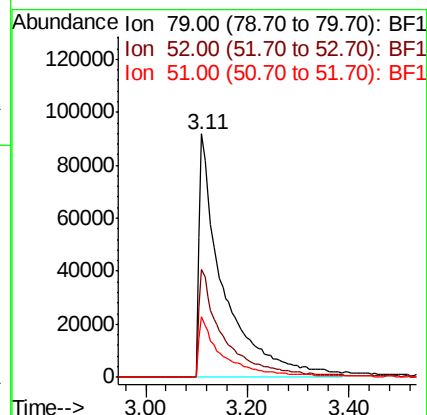
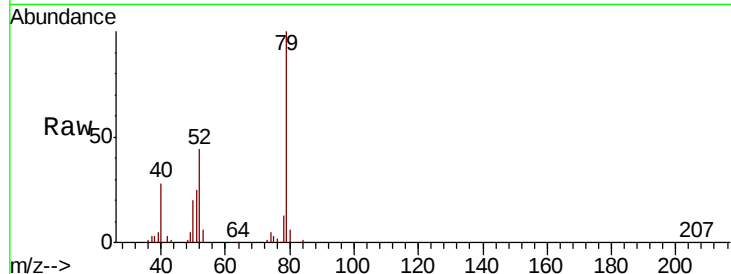




#3
 Pvridine
 Concen: 37.377 ng
 RT: 3.11 min Scan# 174
 Delta R.T. 0.01 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

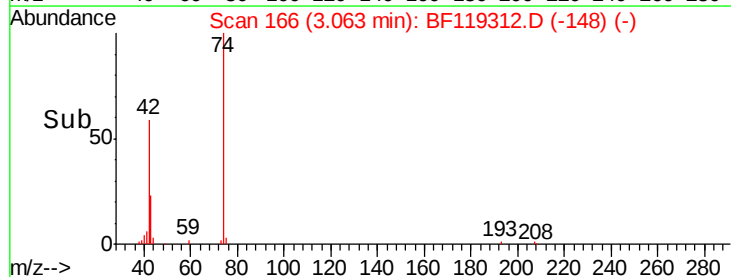
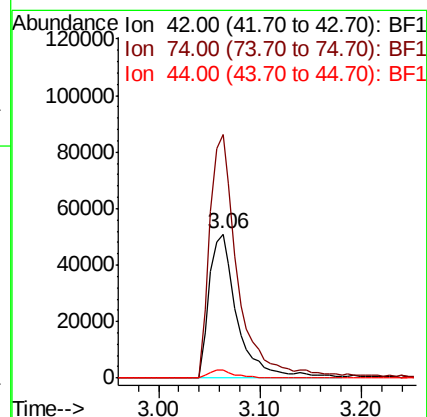
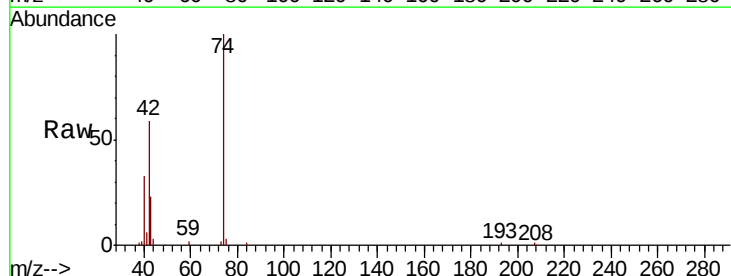
Instrument :
 BNA_F
 ClientSampleId :

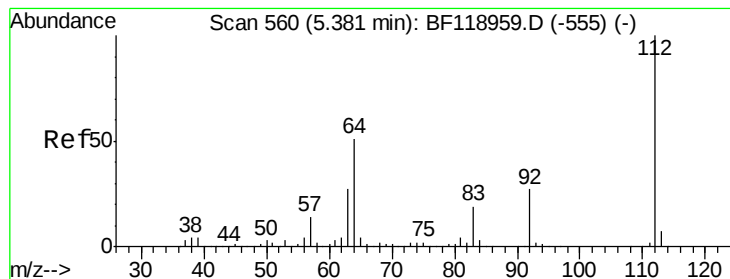
Tot Ion: 79 Resp: 307263
 Ion Ratio Lower Upper
 79 100
 52 44.5 37.4 56.0
 51 24.7 19.8 29.6



#4
 n-Nitrosodimethylamine
 Concen: 39.743 ng
 RT: 3.06 min Scan# 166
 Delta R.T. 0.01 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Tgt Ion: 42 Resp: 98970
 Ion Ratio Lower Upper
 42 100
 74 168.8 137.7 206.5
 44 5.2 4.5 6.7

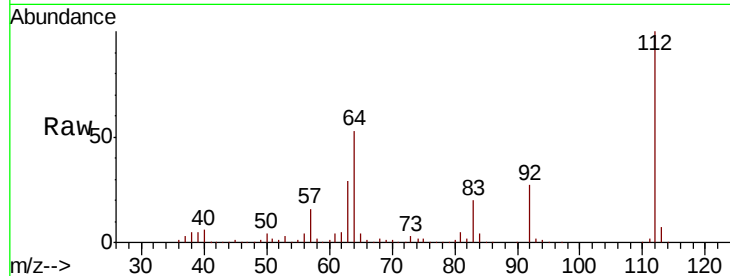




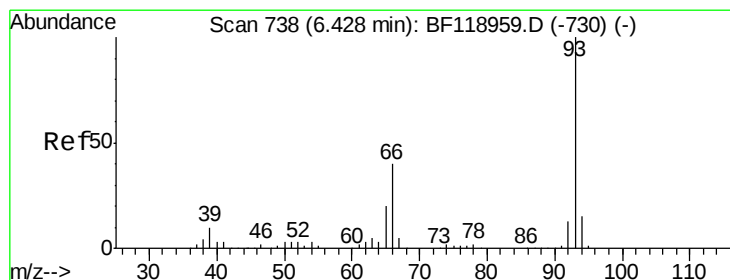
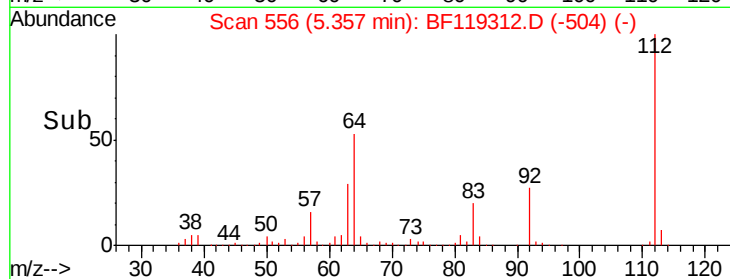
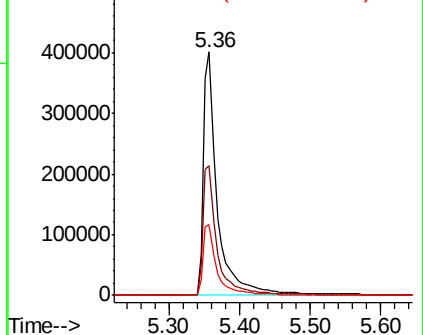
#5
 2-Fluorophenol
 Concen: 81.970 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 112 Resp: 554172
 Ion Ratio Lower Upper
 112 100
 64 53.2 45.0 67.4
 63 28.9 24.2 36.4

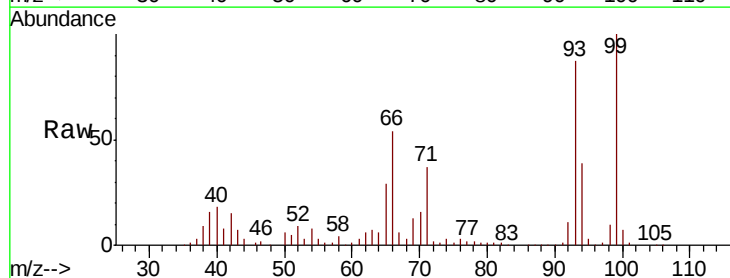


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

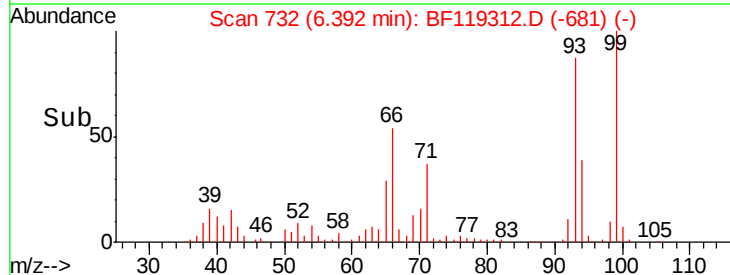
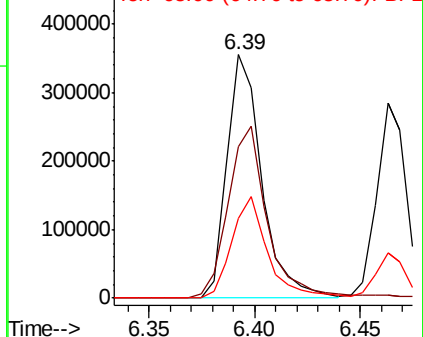


#6
 Aniline
 Concen: 39.881 ng
 RT: 6.39 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Tgt Ion: 93 Resp: 404614
 Ion Ratio Lower Upper
 93 100
 66 62.4 74.5 111.7#
 65 32.9 45.3 67.9#



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: 81.206 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampleId :

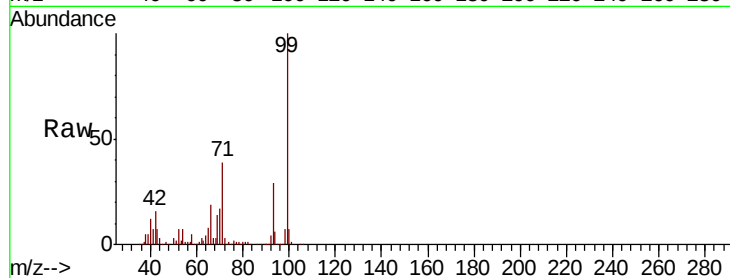
Tot Ion: 99 Resp: 667698

Ion Ratio Lower Upper

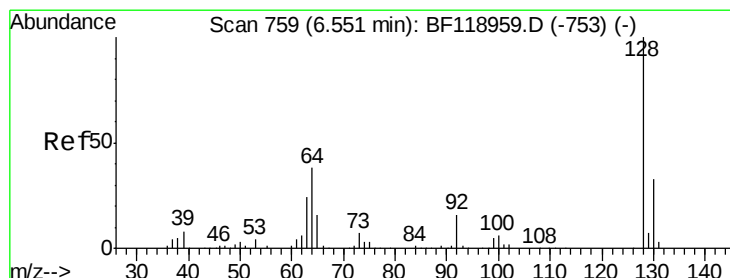
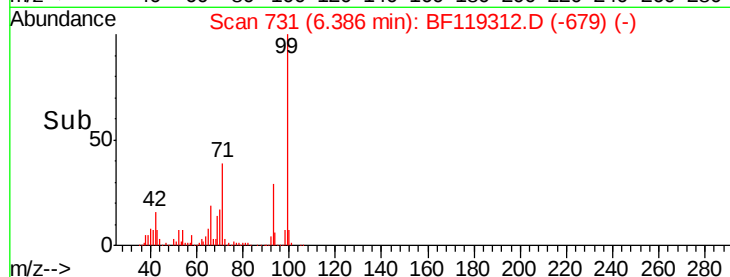
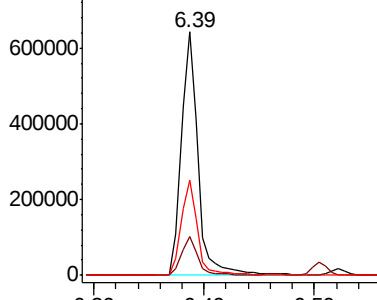
99 100

42 15.9 12.6 18.8

71 39.2 31.0 46.4



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: 41.030 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

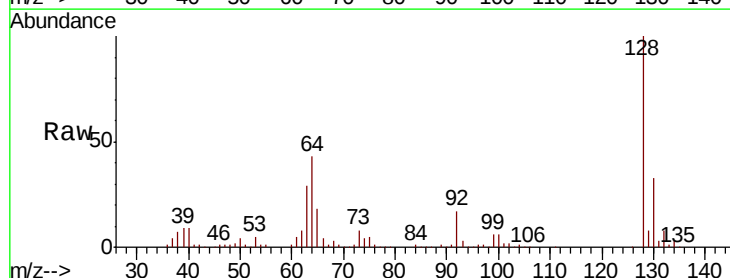
Tgt Ion: 128 Resp: 299356

Ion Ratio Lower Upper

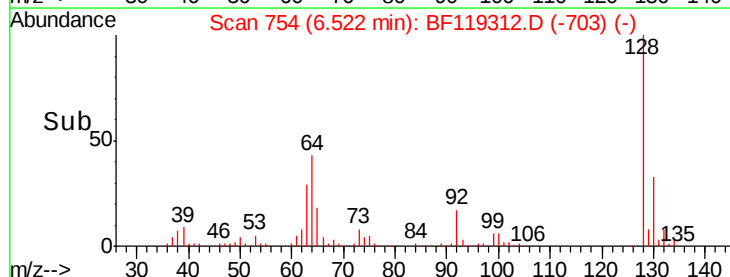
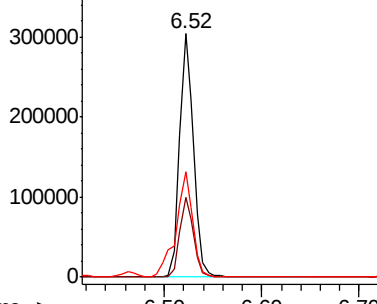
128 100

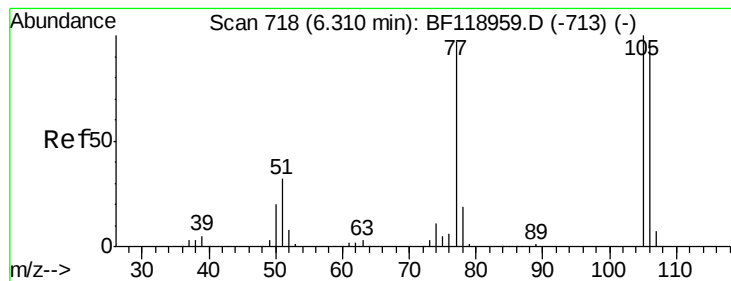
130 32.8 12.7 52.7

64 43.4 22.3 62.3



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: 34.562 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampled :

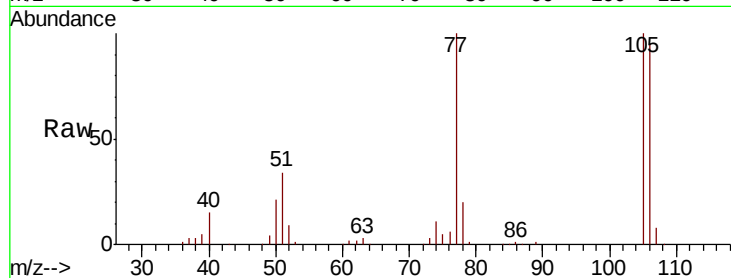
Tot Ion: 77 Resp: 189862

Ion Ratio Lower Upper

77 100

105 100.2 80.1 120.1

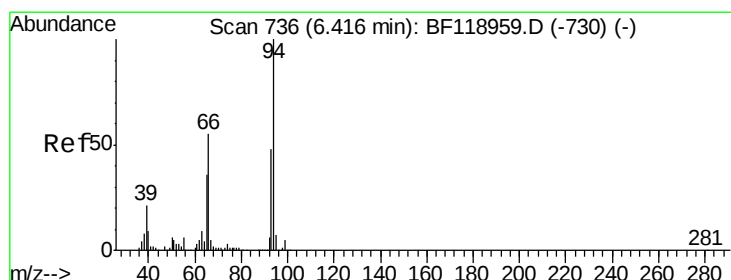
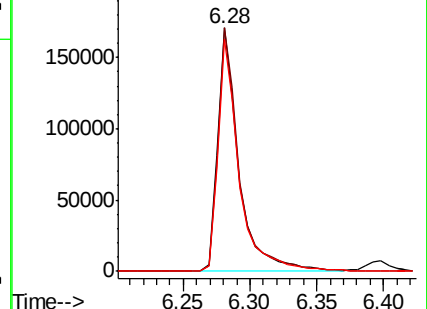
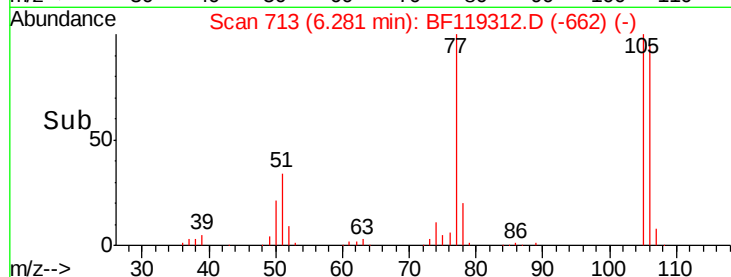
106 95.4 75.9 115.9



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: 40.966 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

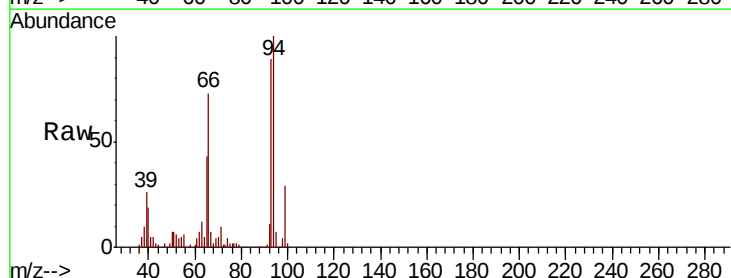
Tgt Ion: 94 Resp: 364177

Ion Ratio Lower Upper

94 100

65 43.0 19.2 59.2

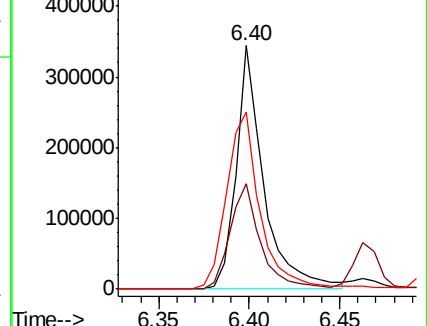
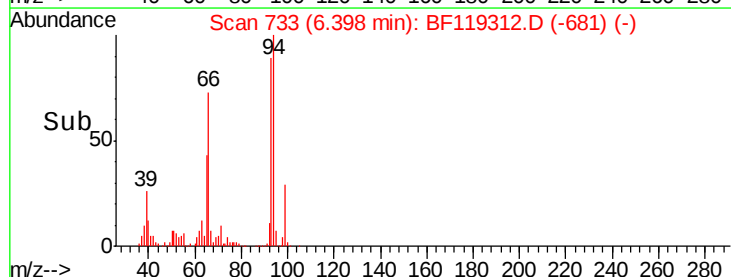
66 72.8 44.4 84.4

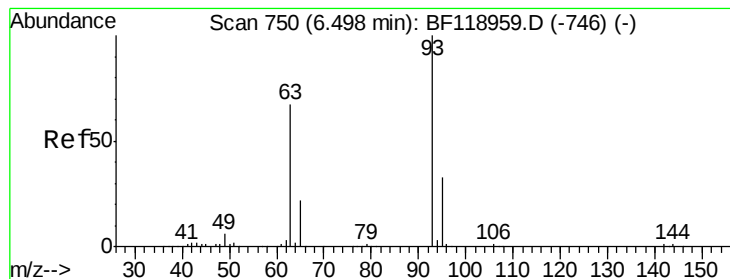


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.268 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampleId :

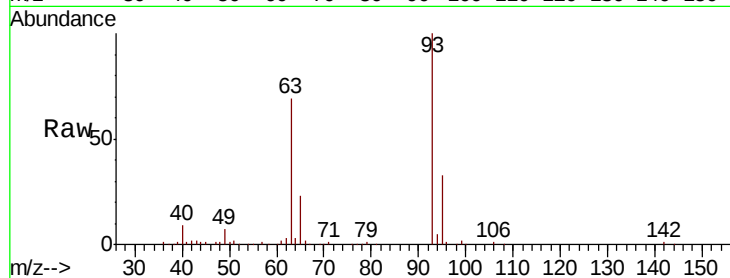
Tot Ion: 93 Resp: 273900

Ion Ratio Lower Upper

93 100

63 68.6 45.4 85.4

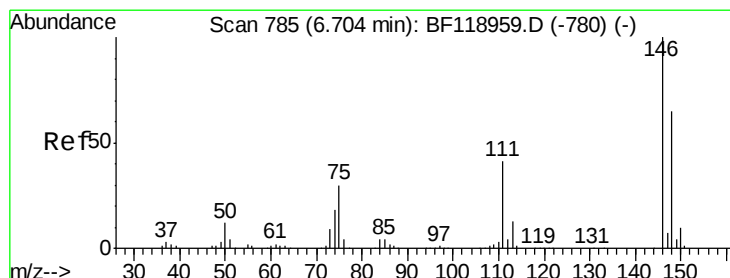
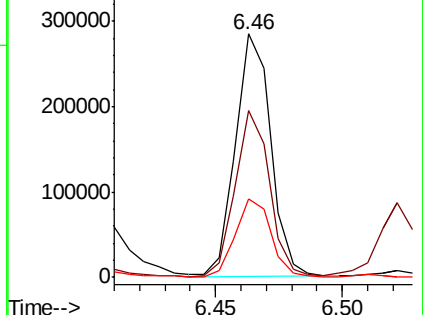
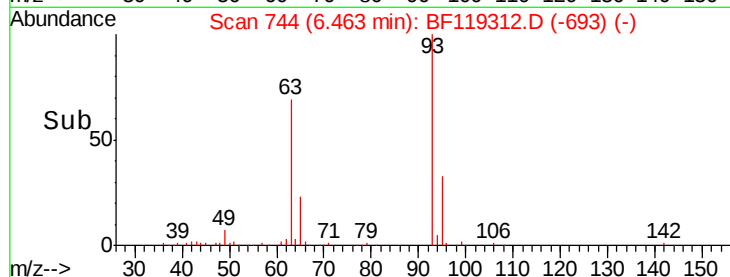
95 32.5 13.5 53.5



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: 40.428 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

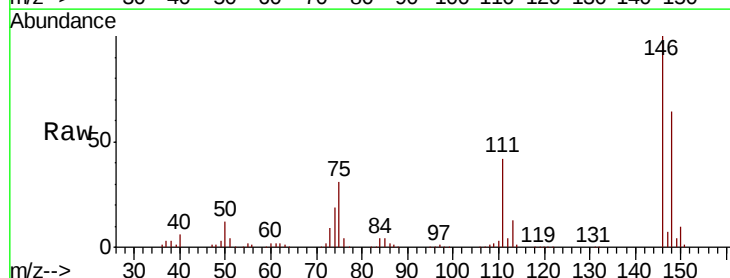
Tgt Ion: 146 Resp: 353530

Ion Ratio Lower Upper

146 100

148 63.7 52.5 78.7

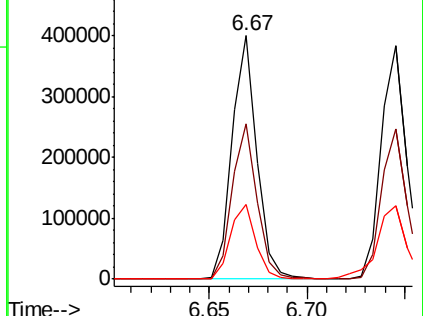
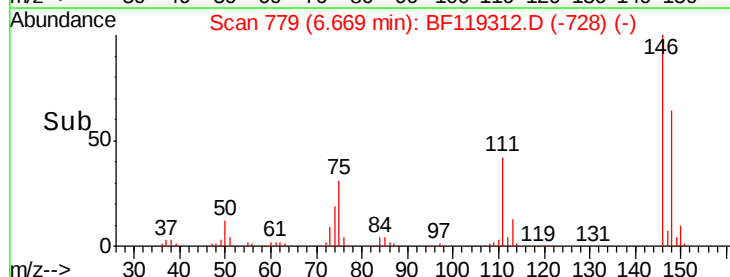
75 30.6 23.6 35.4

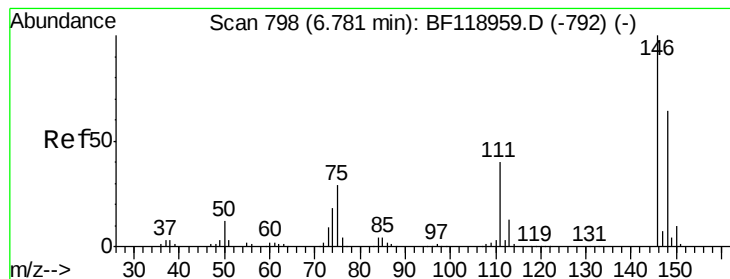


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.962 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampleId :

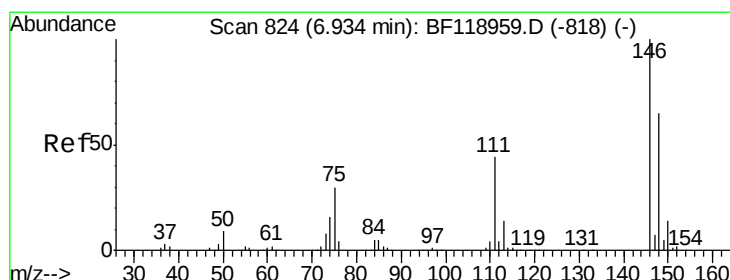
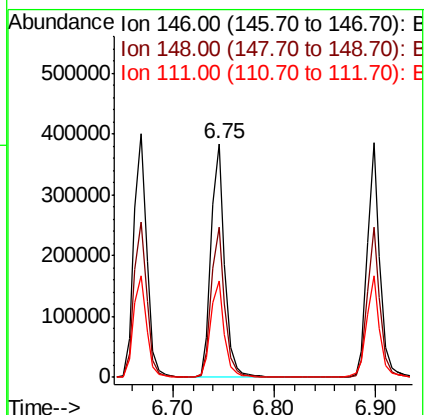
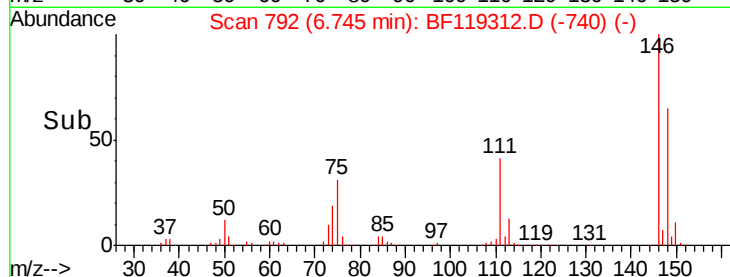
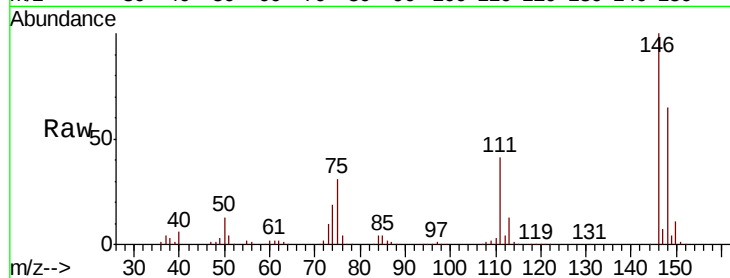
Tot Ion:146 Resp: 358453

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

111 41.4 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 41.464 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

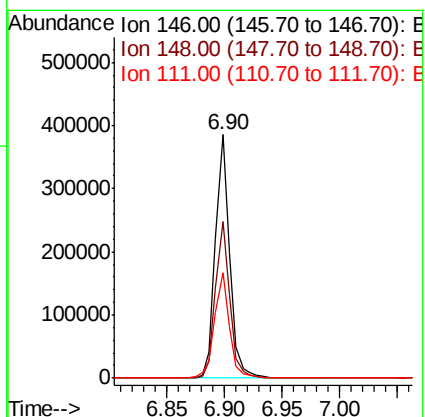
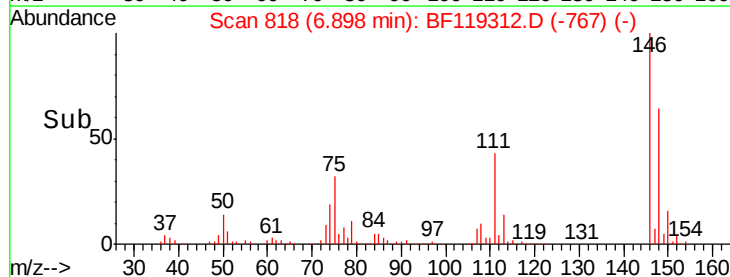
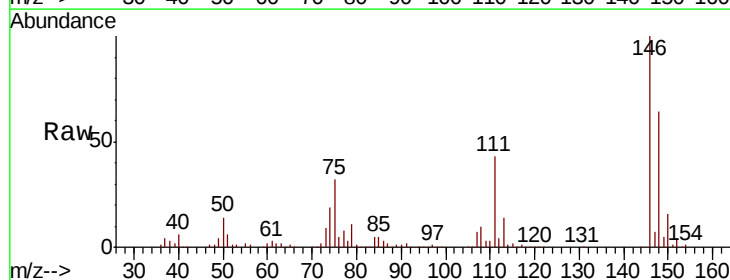
Tgt Ion:146 Resp: 330910

Ion Ratio Lower Upper

146 100

148 64.1 51.9 77.9

111 43.4 36.2 54.2





#15

Benzyl Alcohol

Concen: 42.601 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampled :

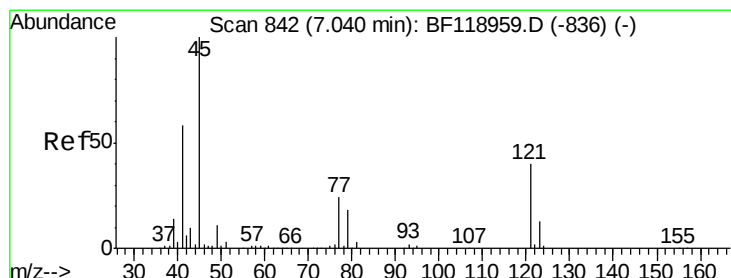
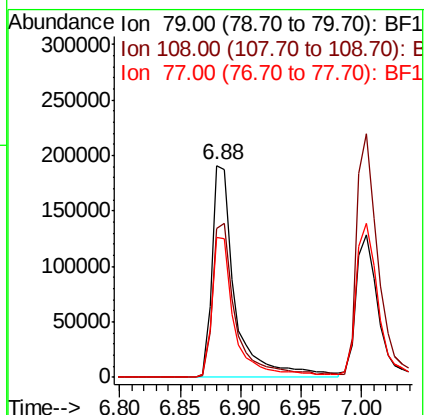
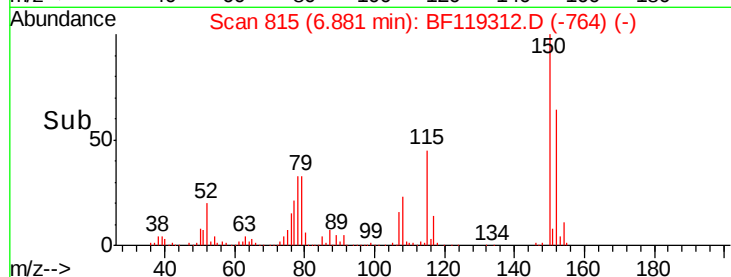
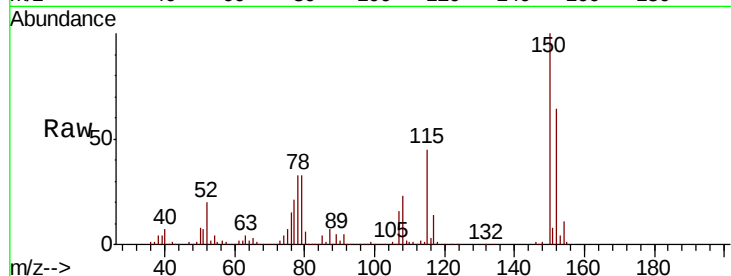
Tot Ion: 79 Resp: 253154

Ion Ratio Lower Upper

79 100

108 70.2 58.2 87.2

77 66.0 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.946 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

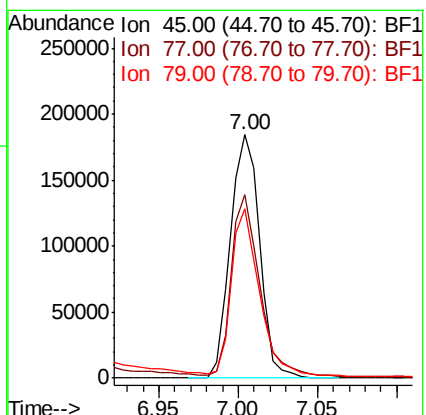
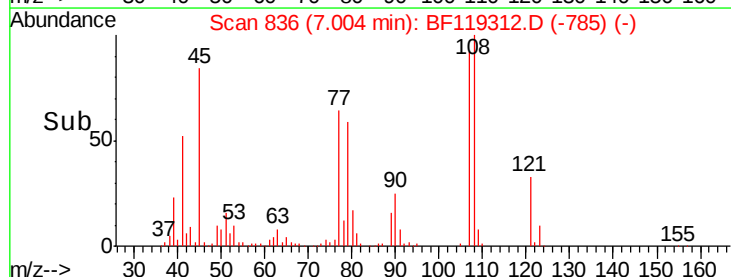
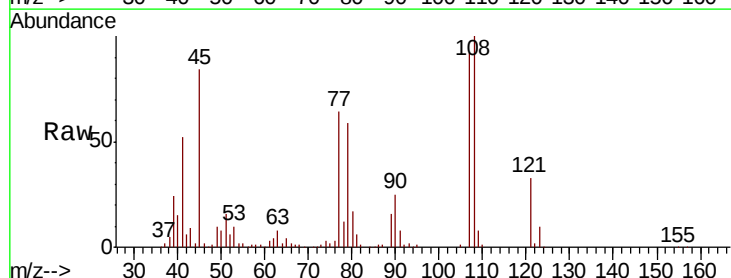
Tgt Ion: 45 Resp: 235369

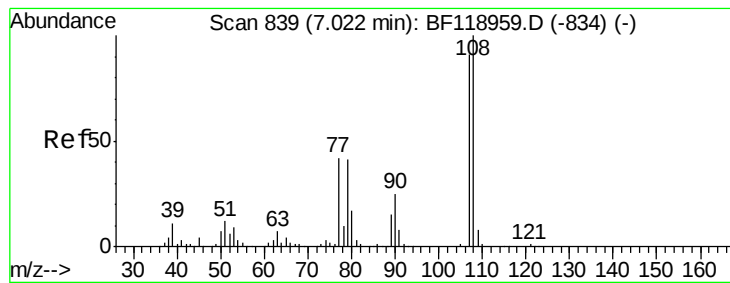
Ion Ratio Lower Upper

45 100

77 75.6 15.0 55.0#

79 69.8 9.4 49.4#

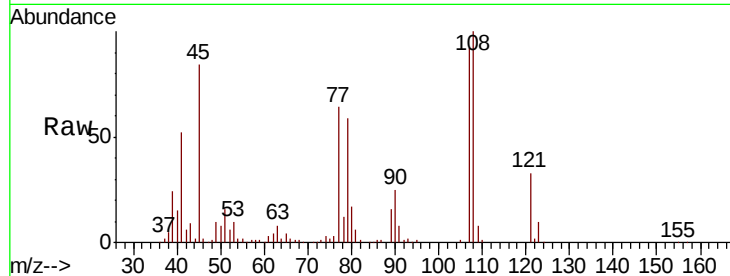




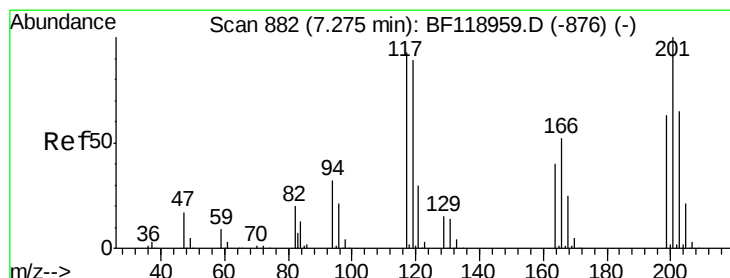
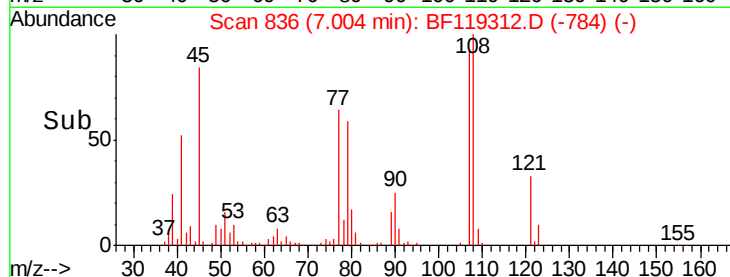
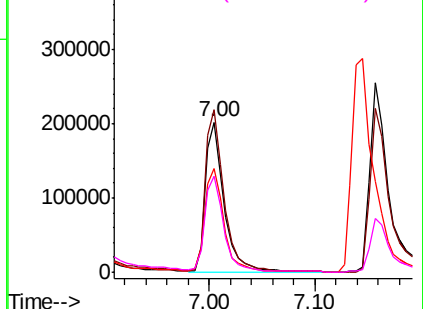
#17
2-Methylphenol
Concen: 41.592 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 246031
Ion Ratio Lower Upper
107 100
108 108.7 87.9 131.9
77 69.1 45.3 67.9#
79 63.7 43.0 64.4

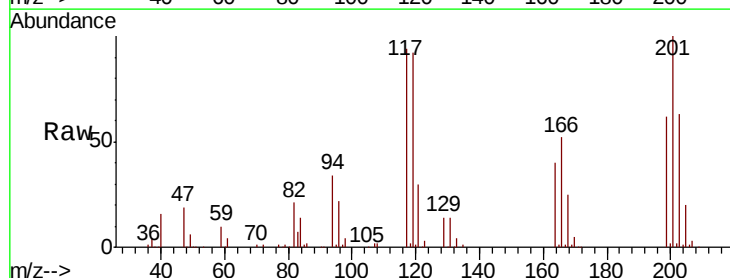


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

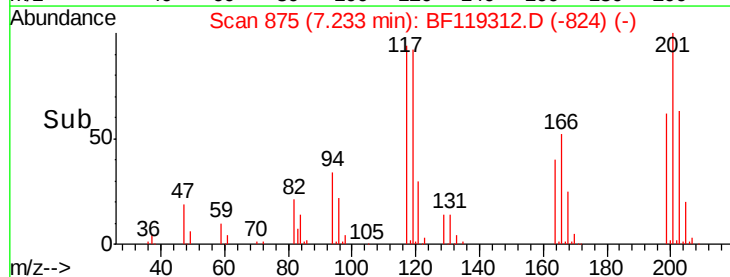
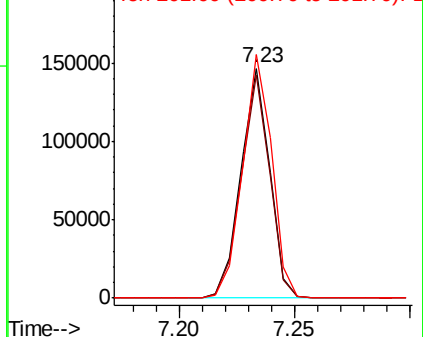


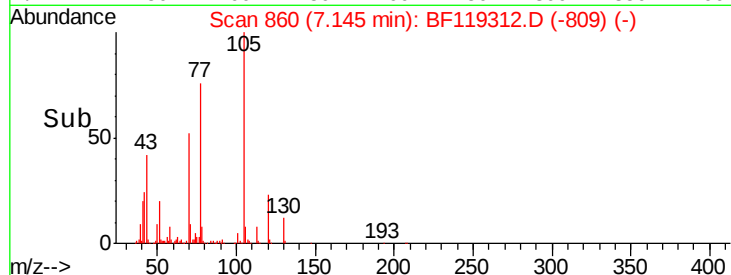
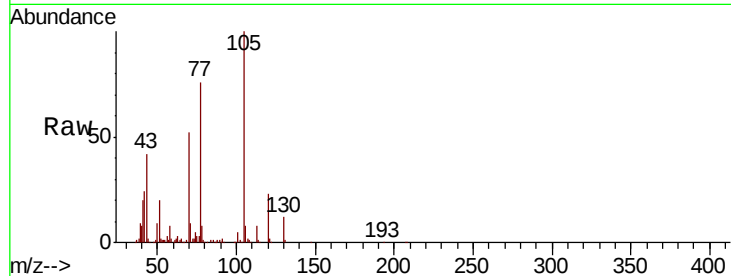
#18
Hexachloroethane
Concen: 40.934 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Tgt Ion:117 Resp: 128153
Ion Ratio Lower Upper
117 100
119 97.2 77.5 116.3
201 106.1 82.6 123.8



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

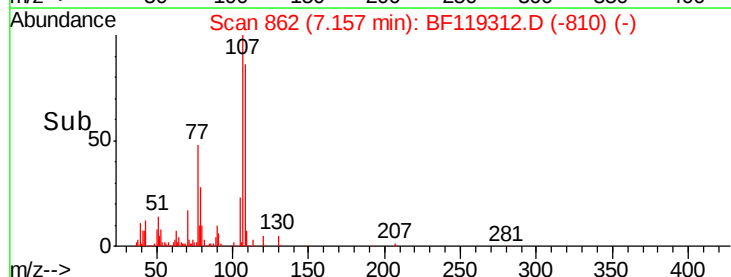
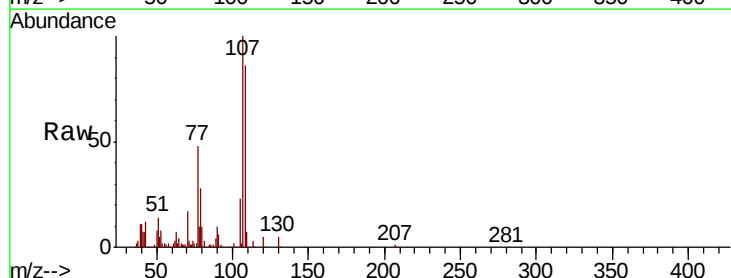
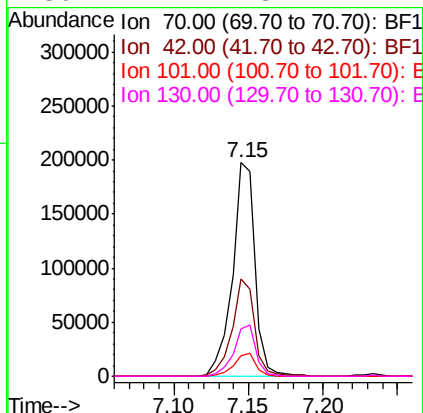




#19
n-Nitroso-di-n-propylamine
Concen: 43.978 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

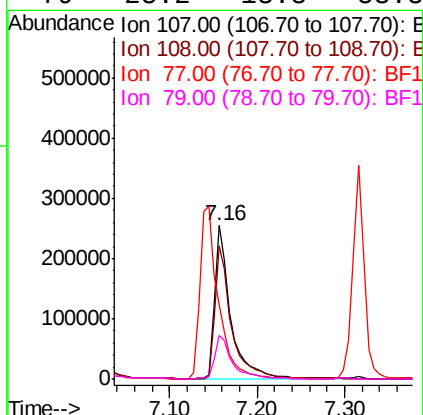
Instrument :
BNA_F
ClientSampleId :

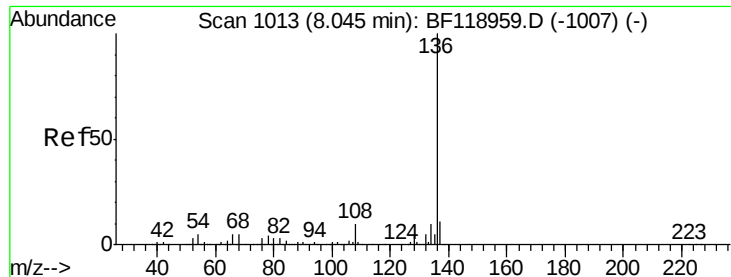
Tot Ion	Ratio	Lower	Upper
70	100		
42	45.5	38.0	57.0
101	9.5	8.2	12.4
130	22.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 44.434 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	71.5	111.5
77	48.2	45.9	85.9
79	28.2	13.8	53.8

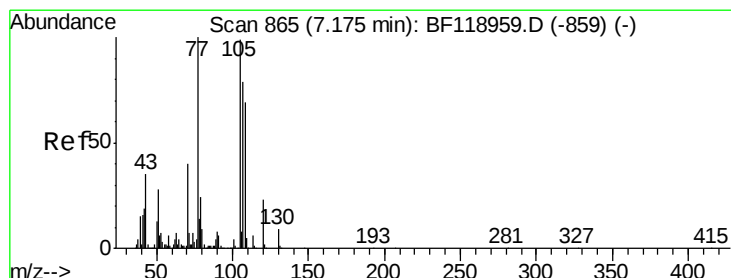
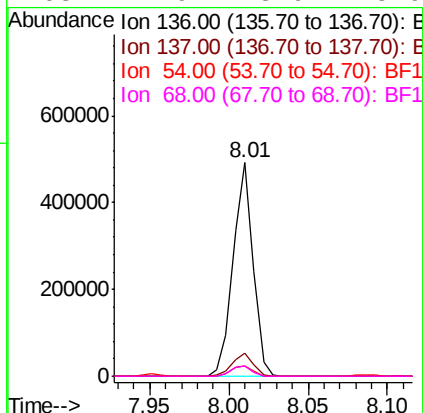
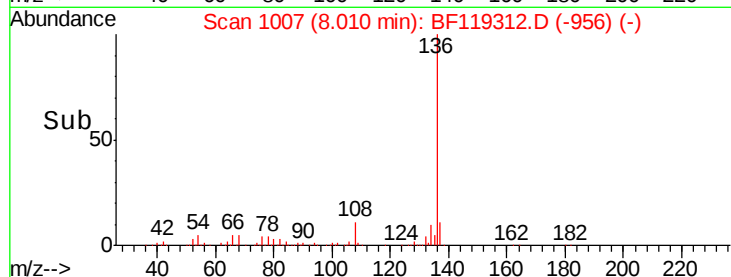
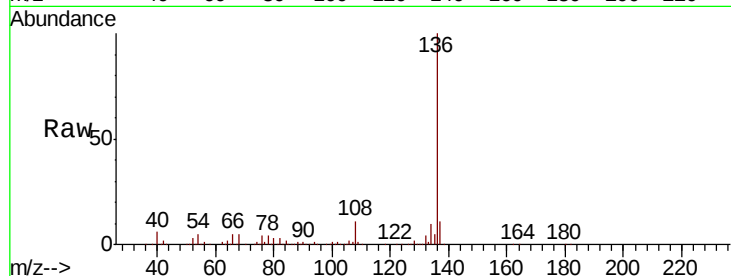




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

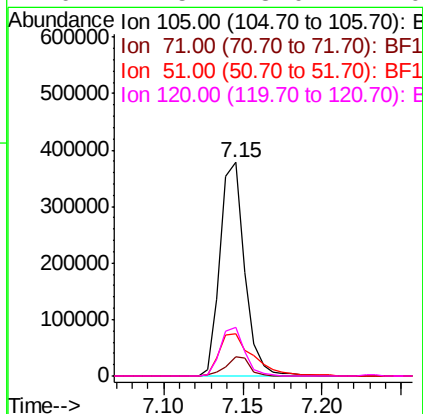
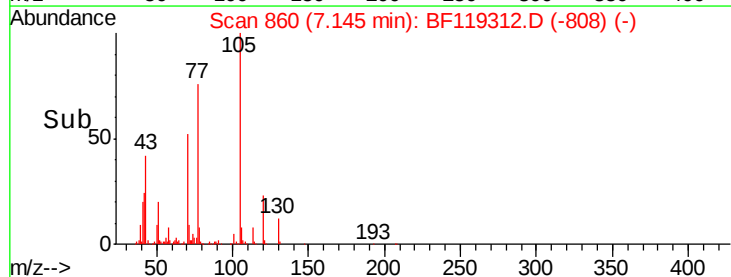
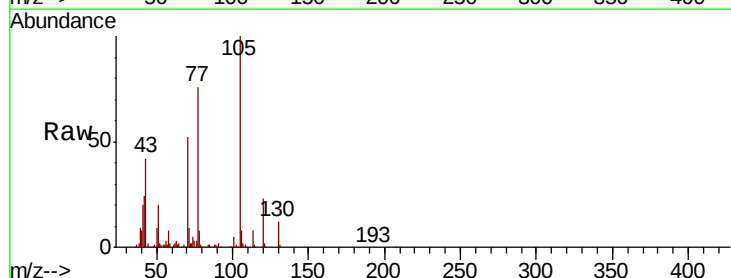
Instrument :
BNA_F
ClientSampleId :

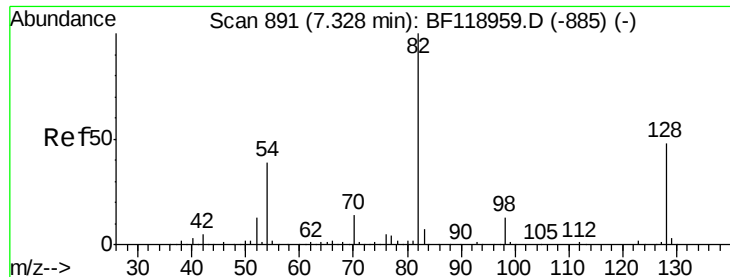
Tot Ion:136	Resp:	431316
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	4.7	3.8 5.6
68	4.9	3.9 5.9



#22
Acetophenone
Concen: 41.127 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Tgt Ion:105	Resp:	410425
Ion Ratio	Lower	Upper
105	100	
71	9.0	3.0 4.4#
51	19.7	20.1 30.1#
120	22.5	18.0 27.0

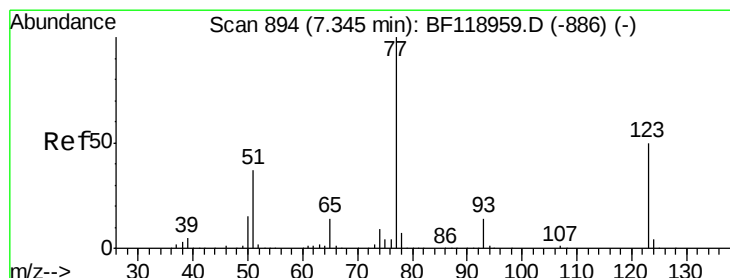
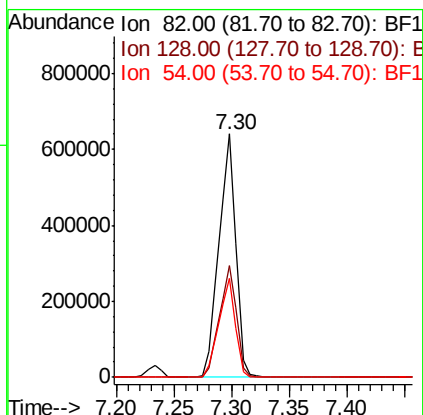
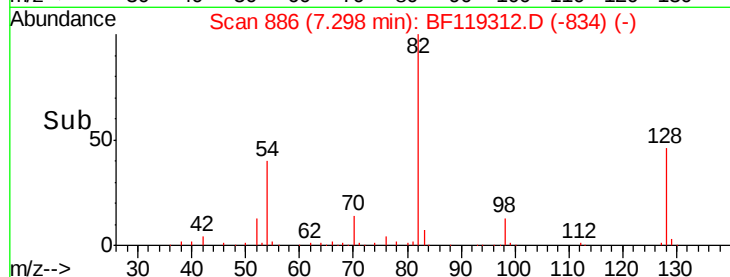
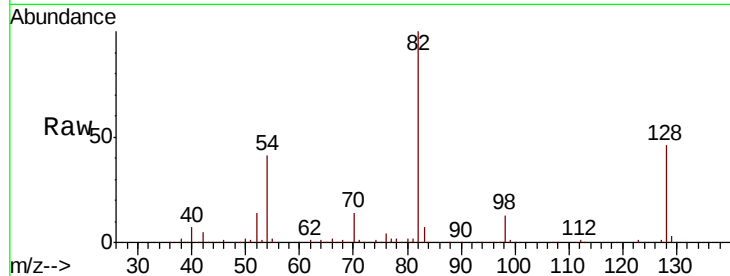




#23
 Nitrobenzene-d5
 Concen: 80.290 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

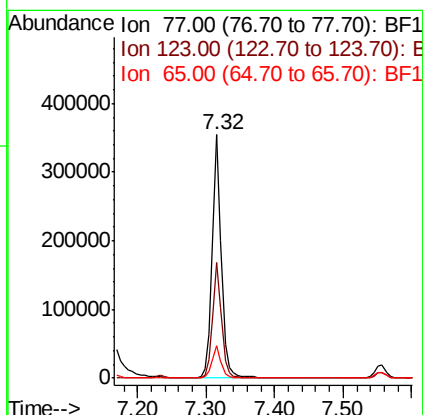
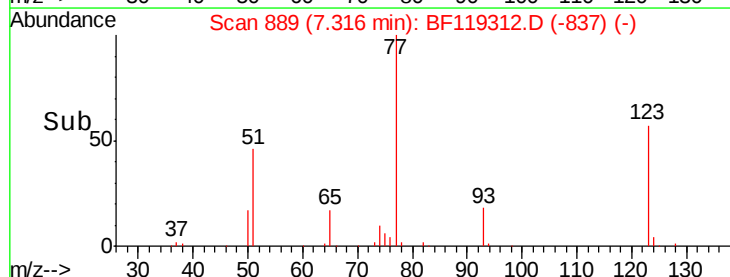
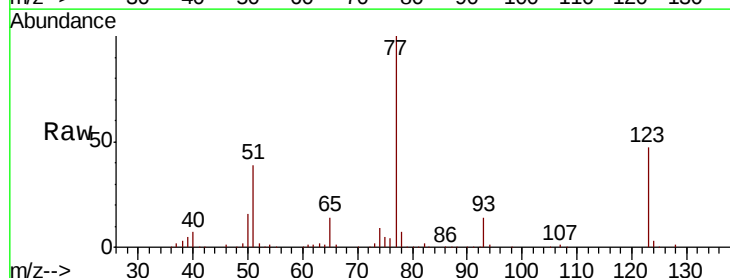
Instrument :
 BNA_F
 ClientSampled :

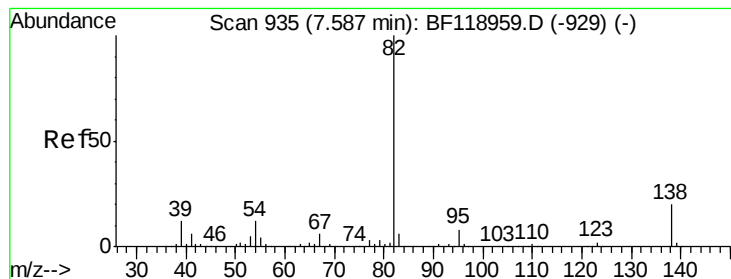
Tot Ion: 82 Resp: 655874
 Ion Ratio Lower Upper
 82 100
 128 45.7 37.9 56.9
 54 40.5 33.4 50.2



#24
 Nitrobenzene
 Concen: 41.552 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Tgt Ion: 77 Resp: 335665
 Ion Ratio Lower Upper
 77 100
 123 47.3 40.2 60.2
 65 13.5 10.8 16.2





#25

Isophorone

Concen: 39.467 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampleId :

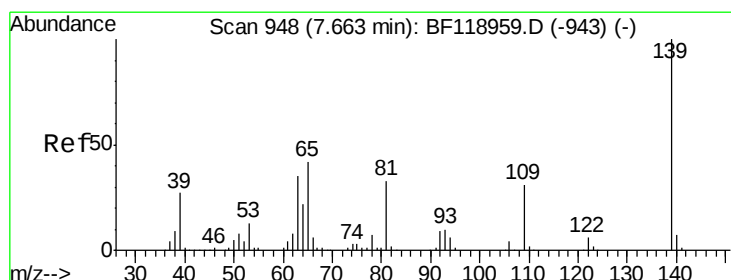
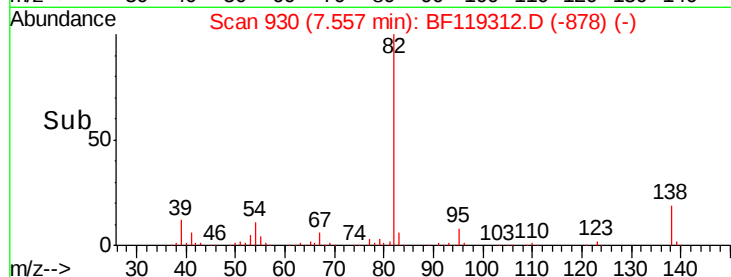
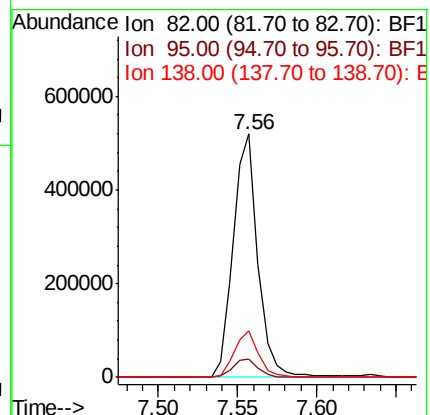
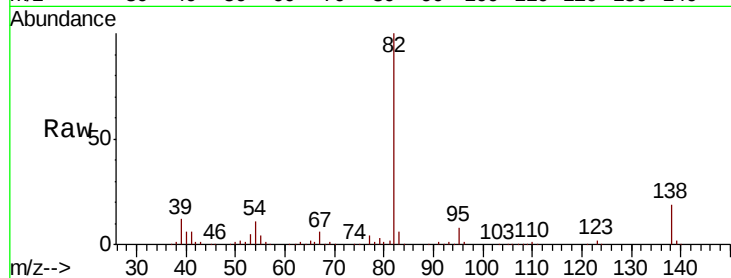
Tot Ion: 82 Resp: 559917

Ion Ratio Lower Upper

82 100

95 7.6 6.4 9.6

138 19.0 15.7 23.5



#26

2-Nitrophenol

Concen: 39.220 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

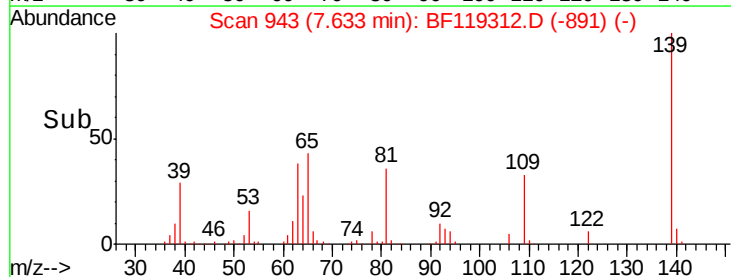
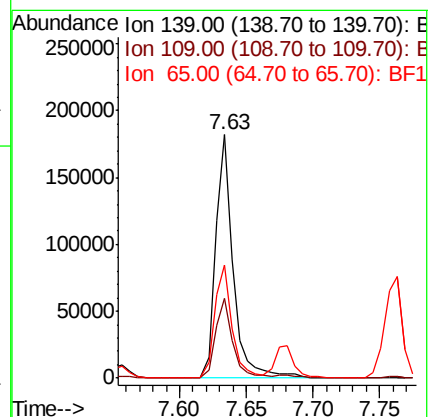
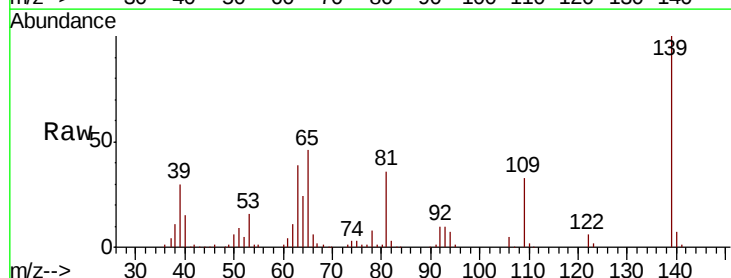
Tgt Ion: 139 Resp: 167871

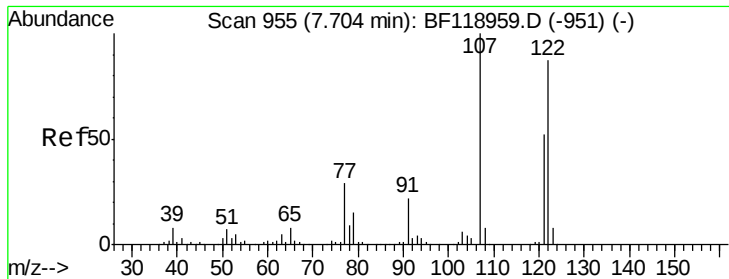
Ion Ratio Lower Upper

139 100

109 32.5 25.7 38.5

65 46.3 37.1 55.7

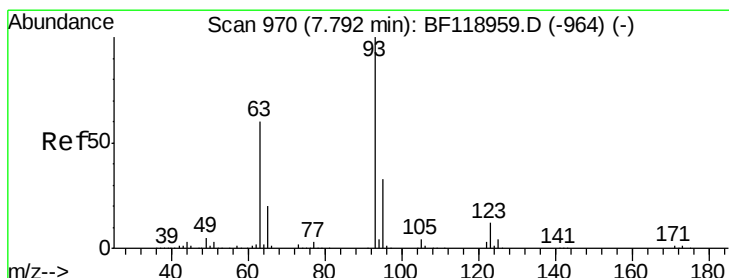
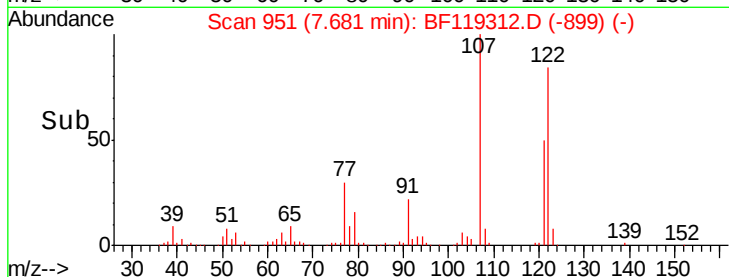
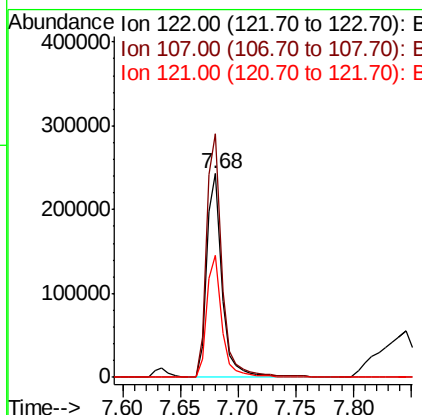
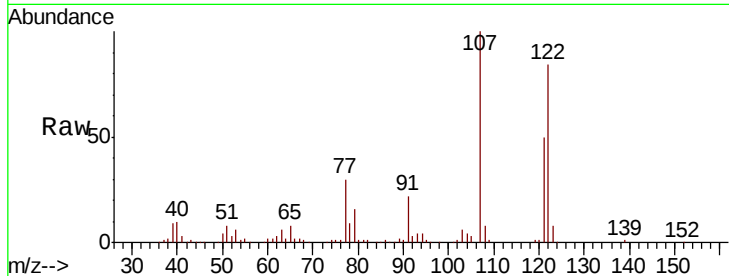




#27
 2,4-Dimethylphenol
 Concen: 38.509 ng
 RT: 7.68 min Scan# 951
 Delta R.T. 0.01 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

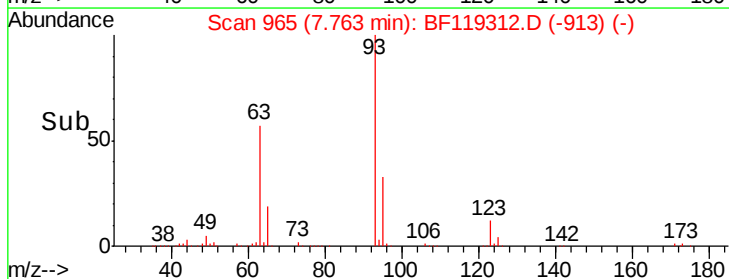
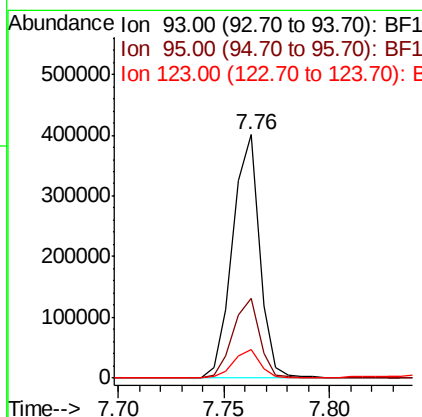
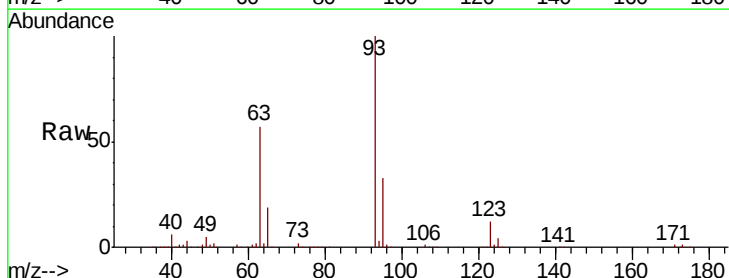
Instrument :
 BNA_F
 ClientSampleId :

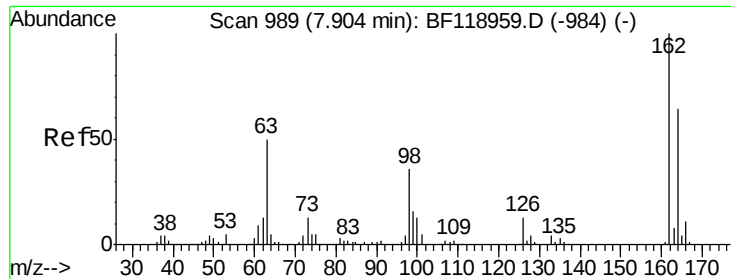
Tot Ion:122 Resp: 223702
 Ion Ratio Lower Upper
 122 100
 107 119.6 93.8 140.6
 121 60.0 48.2 72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.392 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Tgt Ion: 93 Resp: 354519
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 11.9 10.2 15.2

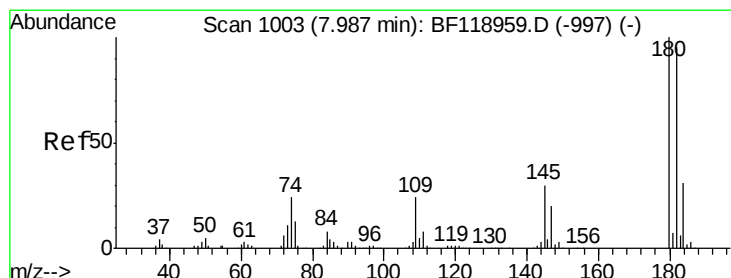
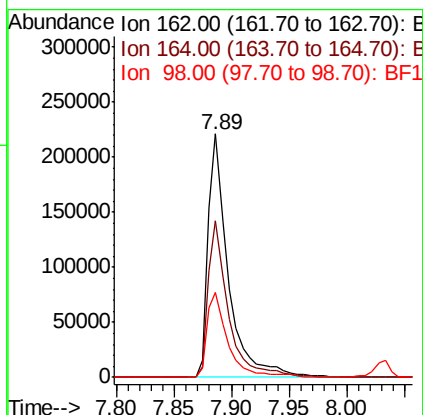
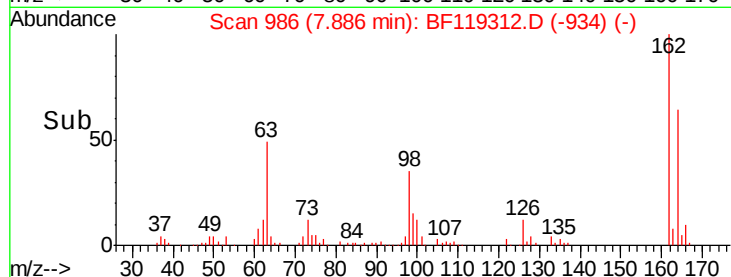
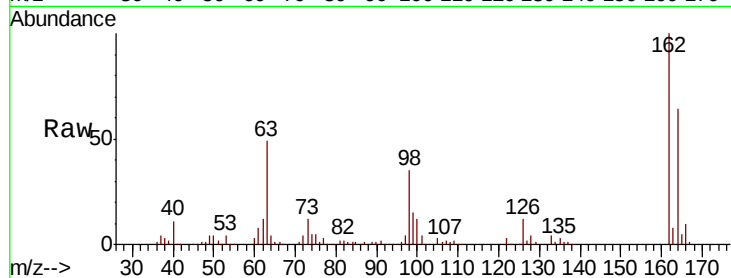




#29
2,4-Dichlorophenol
Concen: 39.375 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

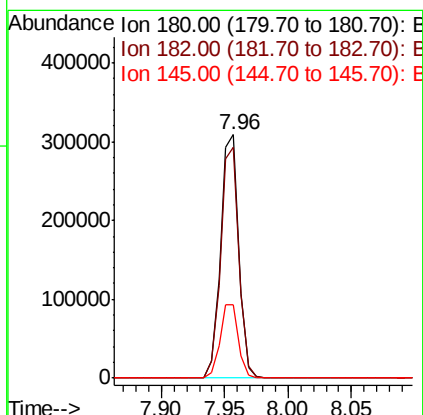
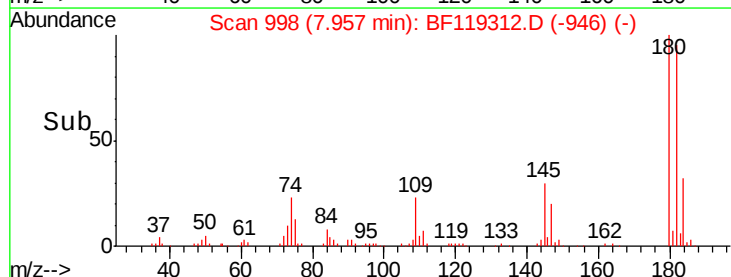
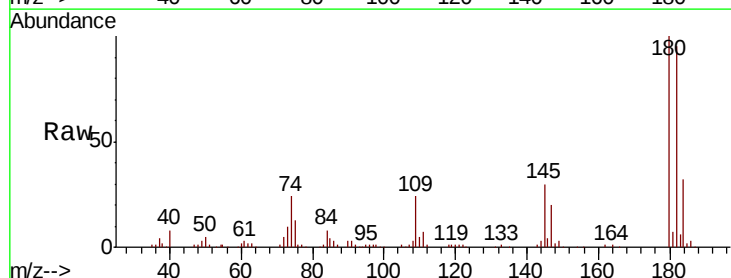
Instrument :
BNA_F
ClientSampled :

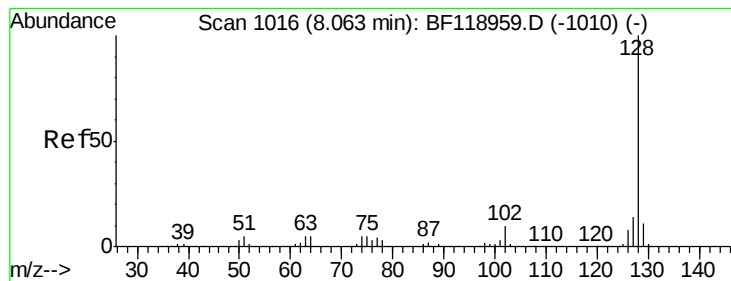
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.2	85.2
98	35.1	17.4	57.4



#30
1,2,4-Trichlorobenzene
Concen: 38.373 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.8	116.6
145	30.1	25.2	37.8





#31

Naphthalene

Concen: 39.610 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampleId :

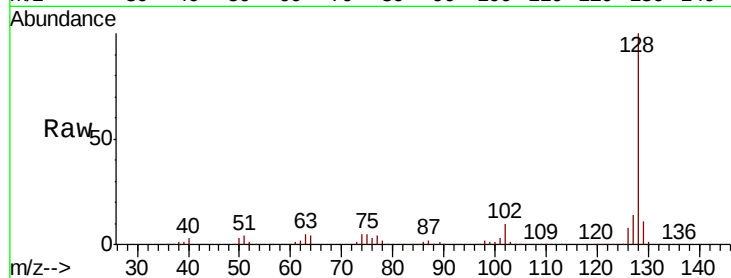
Tot Ion:128 Resp: 886032

Ion Ratio Lower Upper

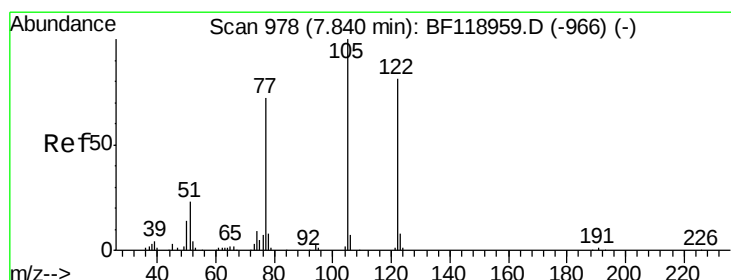
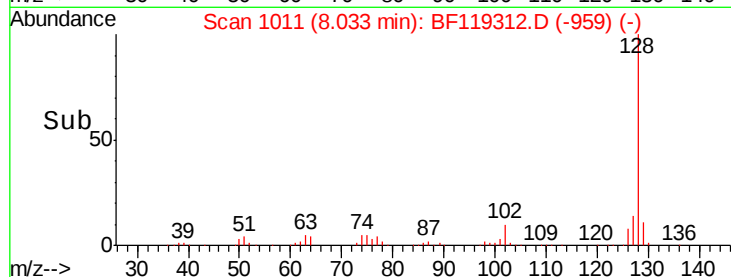
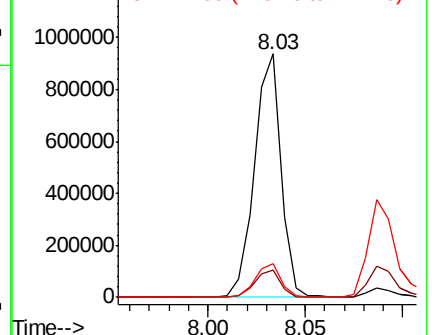
128 100

129 11.2 9.4 14.2

127 13.8 11.4 17.2



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



#32

Benzoic acid

Concen: 33.950 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

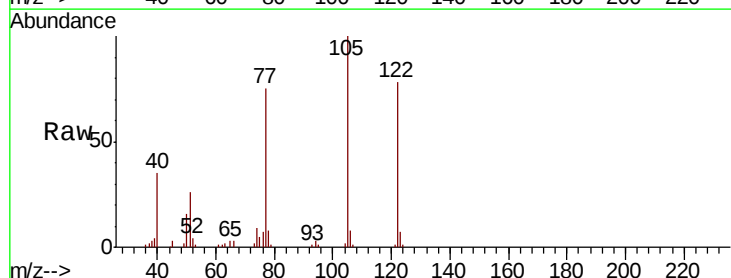
Tgt Ion:122 Resp: 134276

Ion Ratio Lower Upper

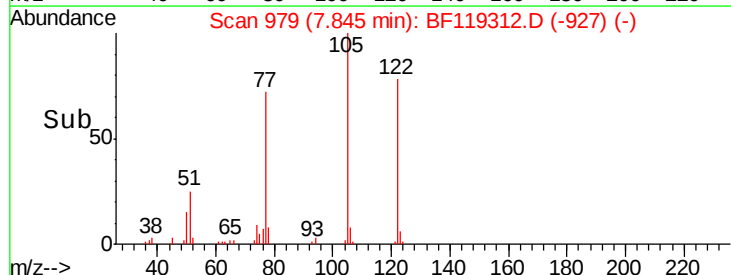
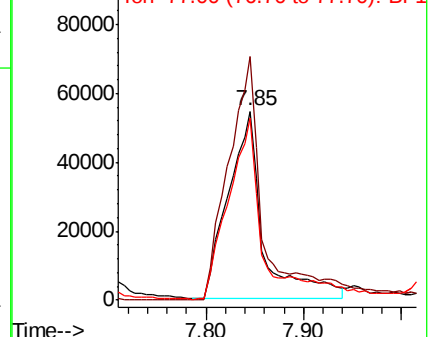
122 100

105 128.8 106.3 146.3

77 96.3 73.1 113.1



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

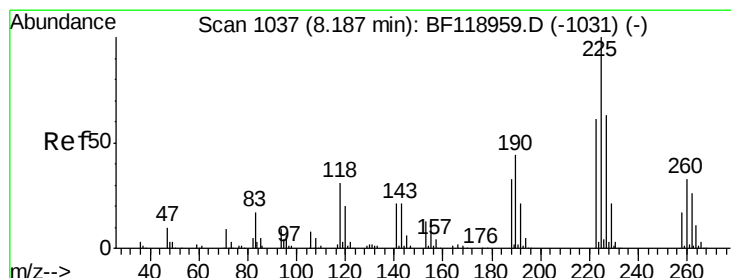
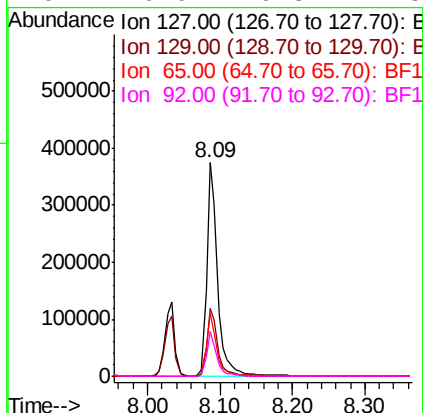
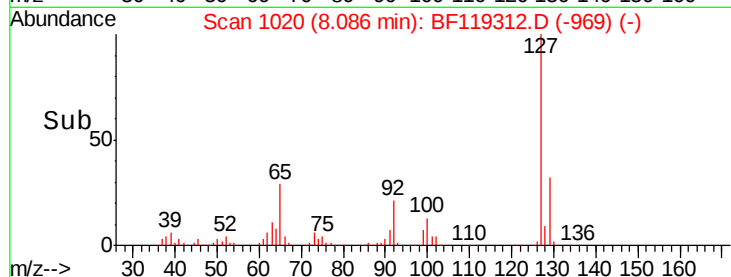
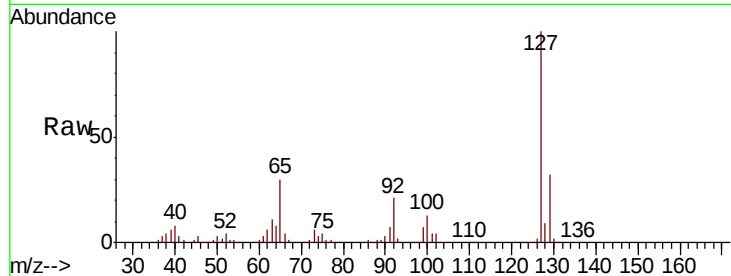




#33
4-Chloroaniline
Concen: 40.273 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

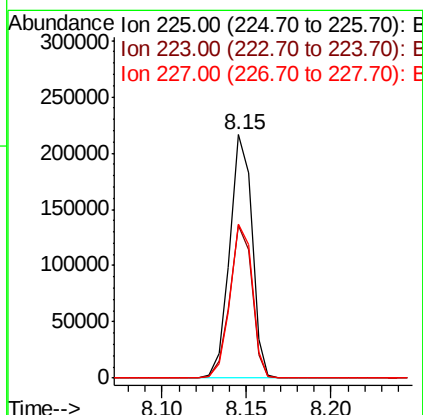
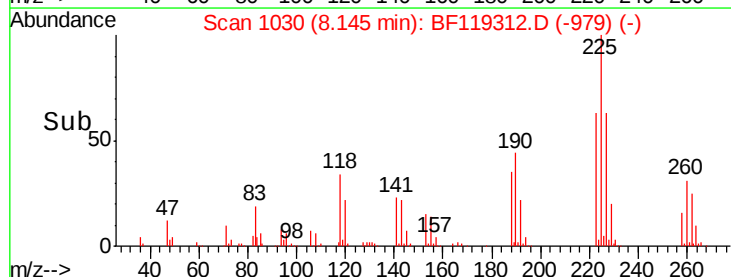
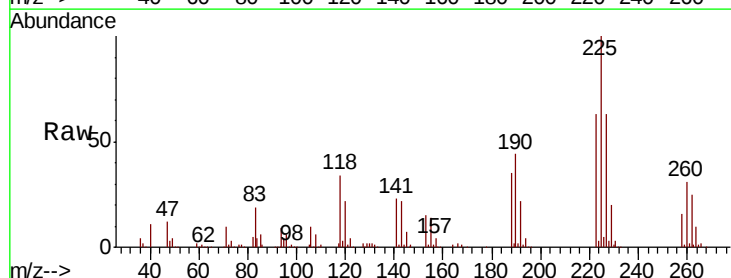
Instrument :
BNA_F
ClientSampled :

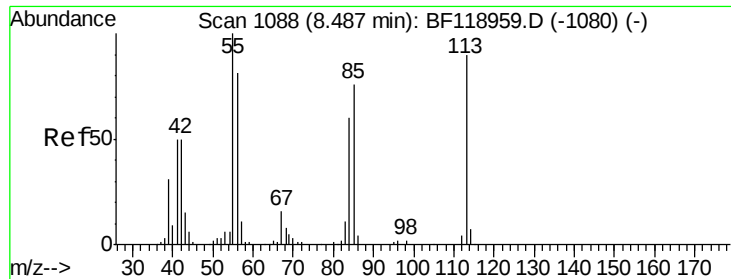
Tot Ion:	127	Resp:	387466
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	29.7	23.9	35.9
92	20.9	16.3	24.5



#34
Hexachlorobutadiene
Concen: 39.315 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Tgt Ion:	225	Resp:	198562
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.2
227	63.1	52.9	79.3

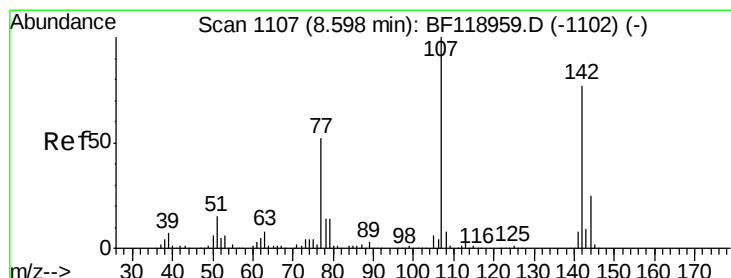
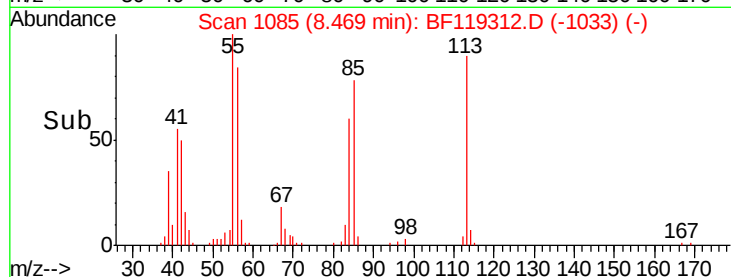
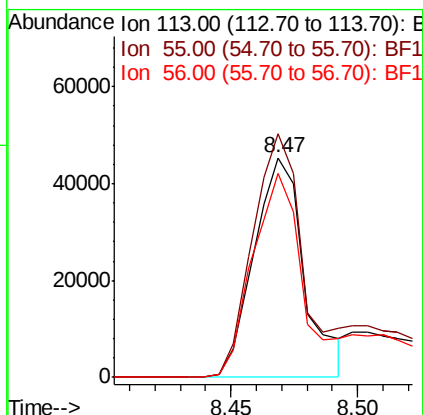
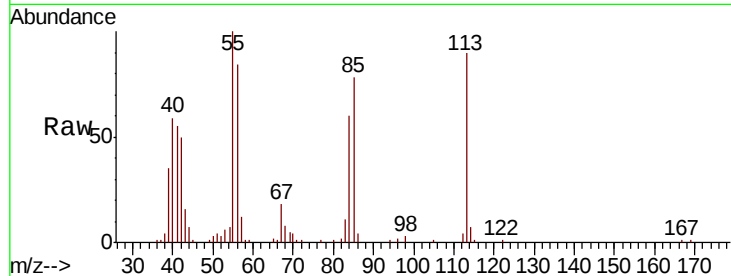




#35
 Caprolactam
 Concen: 29.806 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

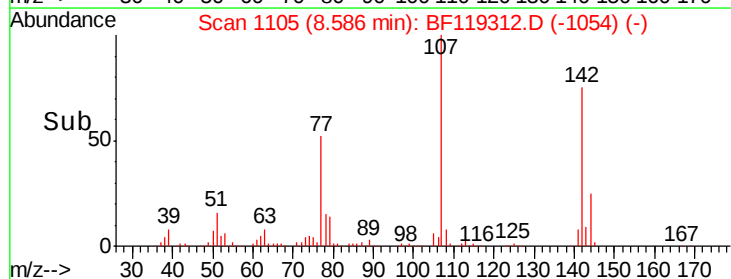
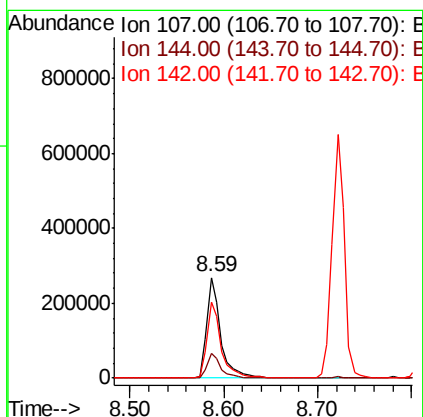
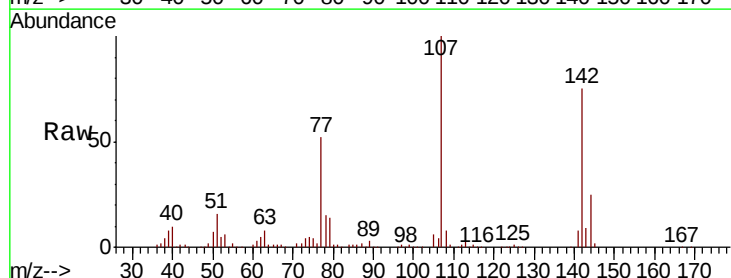
Instrument :
 BNA_F
 ClientSampleId :

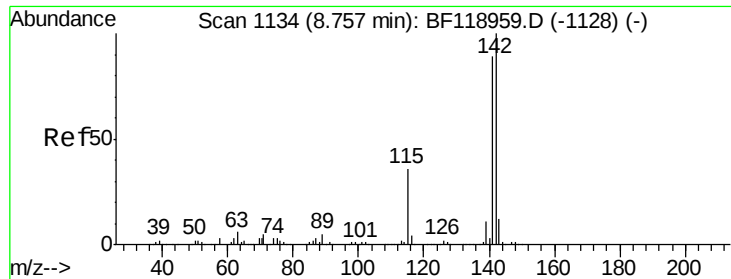
Tot Ion:113 Resp: 62763
 Ion Ratio Lower Upper
 113 100
 55 110.8 95.7 135.7
 56 92.6 73.1 113.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.004 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Tgt Ion:107 Resp: 283789
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.1 30.1
 142 75.4 61.4 92.2

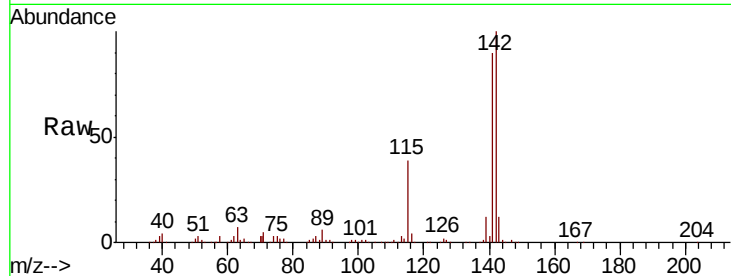




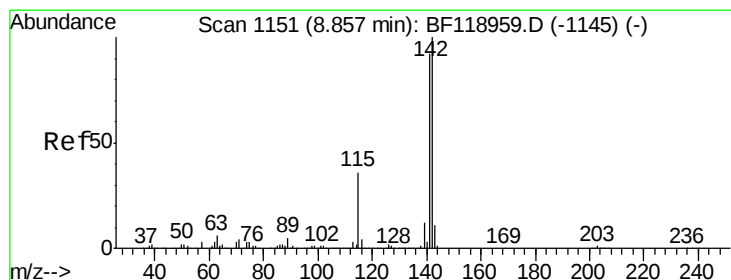
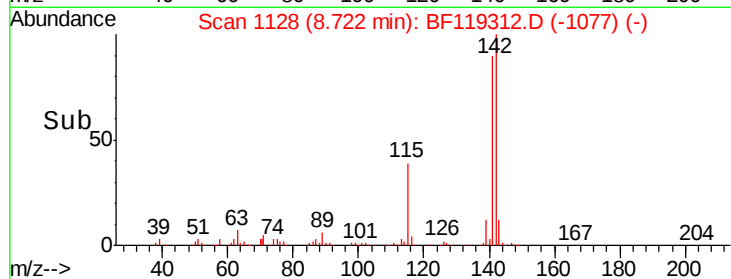
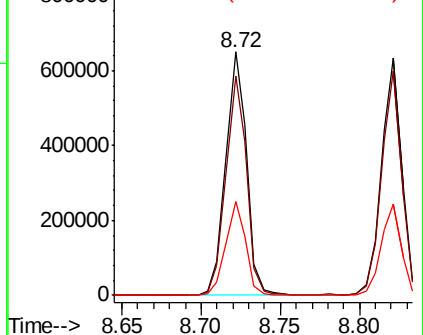
#37
 2-Methylnaphthalene
 Concen: 39.141 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 589204
 Ion Ratio Lower Upper
 142 100
 141 90.3 72.3 108.5
 115 38.6 30.6 45.8

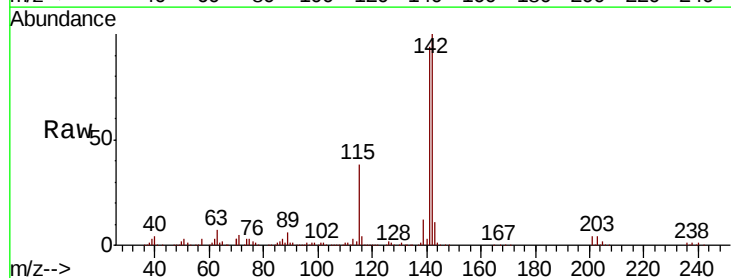


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

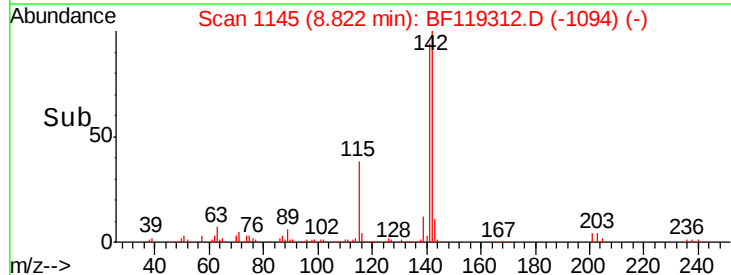
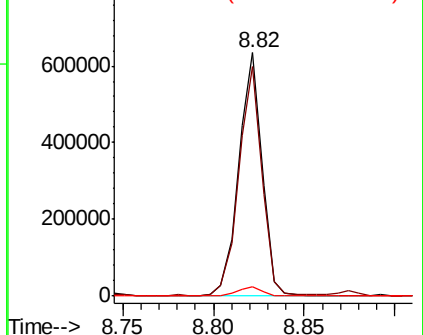


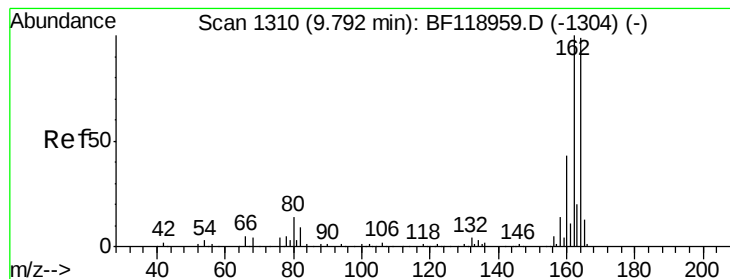
#38
 1-Methylnaphthalene
 Concen: 39.584 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Tgt Ion:142 Resp: 560399
 Ion Ratio Lower Upper
 142 100
 141 94.3 75.8 113.6
 116 4.1 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampleId :

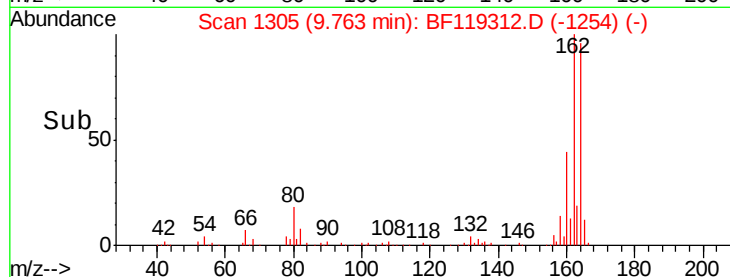
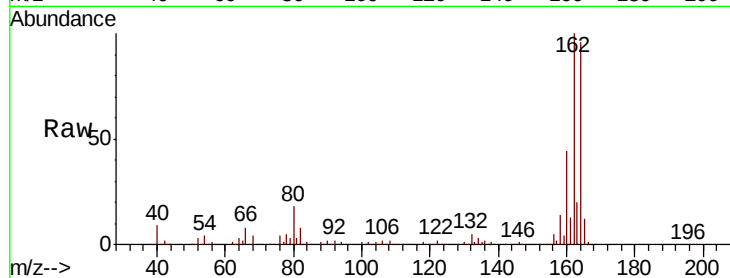
Tot Ion:164 Resp: 242131

Ion Ratio Lower Upper

164 100

162 104.2 81.8 122.8

160 45.3 36.0 54.0

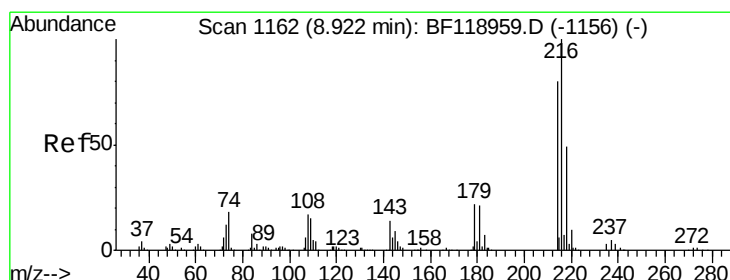
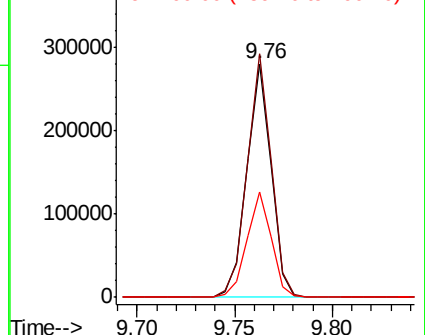


Abundance

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: 38.408 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Tgt Ion:216 Resp: 313547

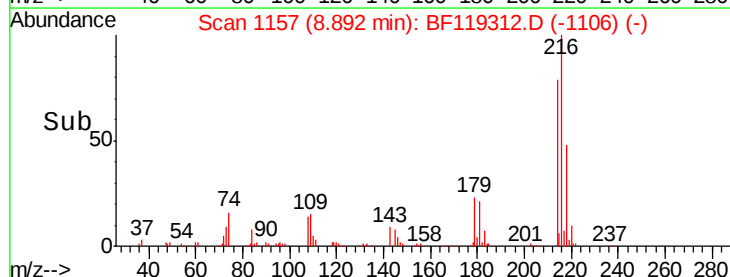
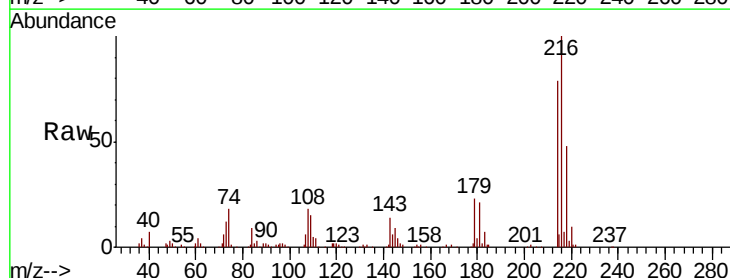
Ion Ratio Lower Upper

216 100

214 78.2 63.3 94.9

179 21.6 17.7 26.5

108 17.6 13.9 20.9



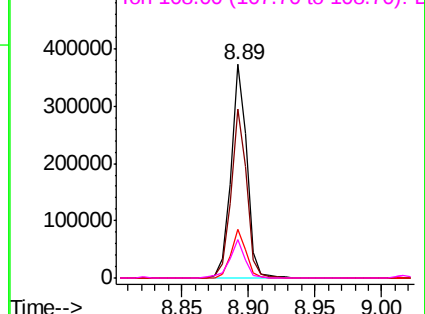
Abundance

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: 35.147 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampleId :

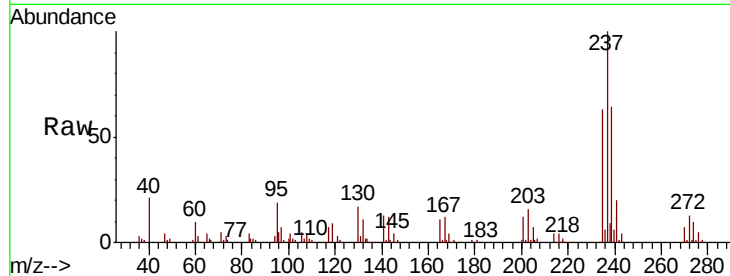
Tot Ion:237 Resp: 86706

Ion Ratio Lower Upper

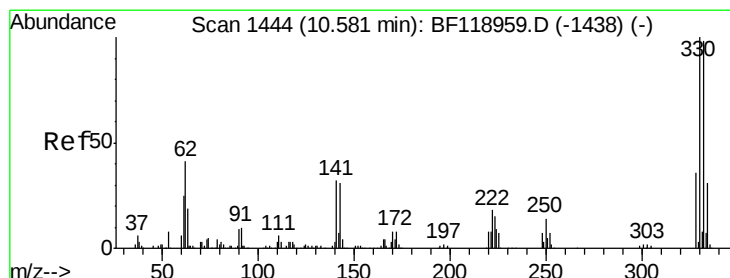
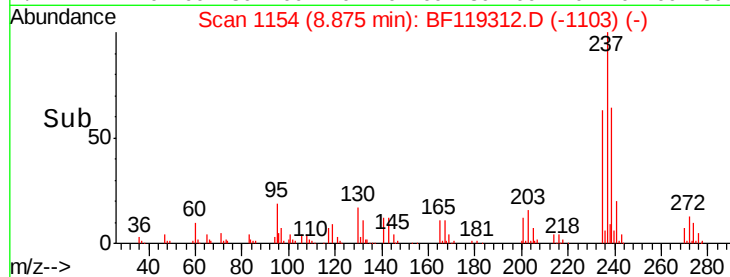
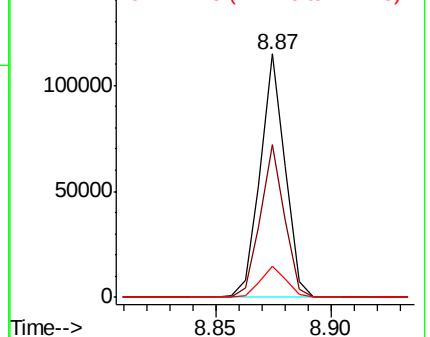
237 100

235 62.6 42.3 82.3

272 13.0 0.0 33.5



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: 76.489 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

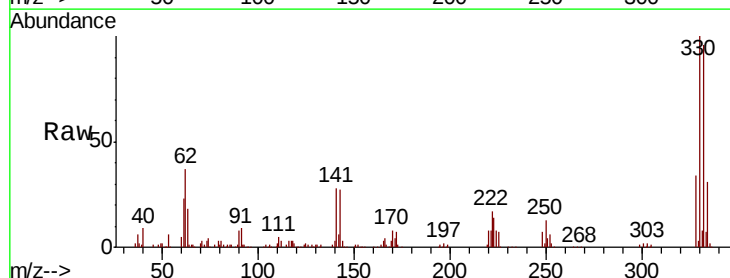
Tgt Ion:330 Resp: 242278

Ion Ratio Lower Upper

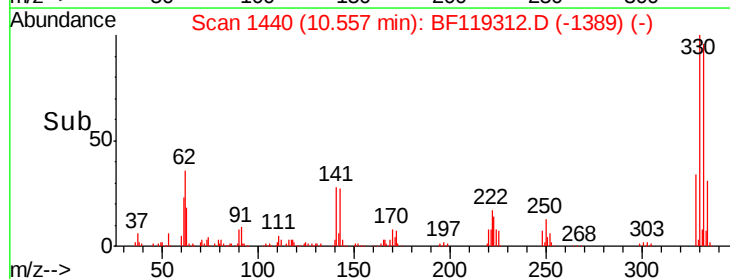
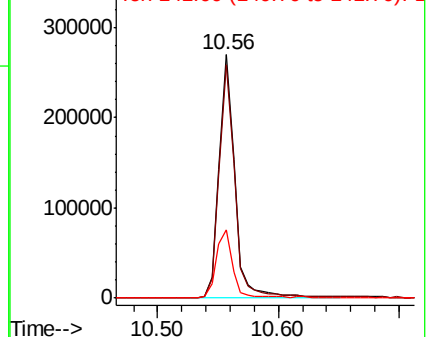
330 100

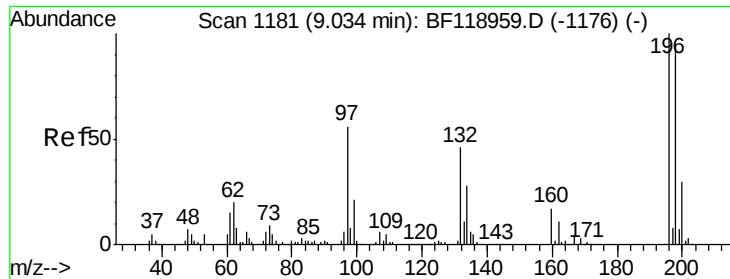
332 98.1 76.0 114.0

141 29.5 22.9 34.3



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

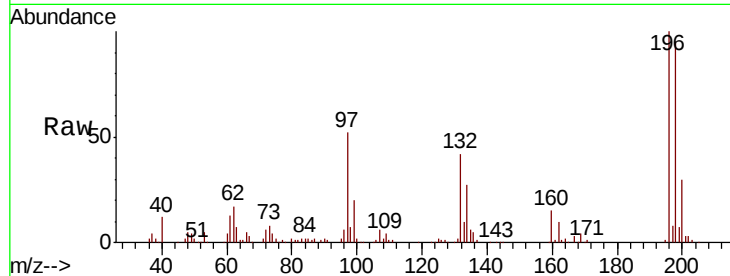




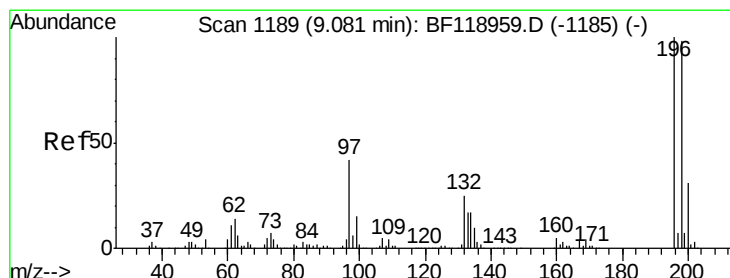
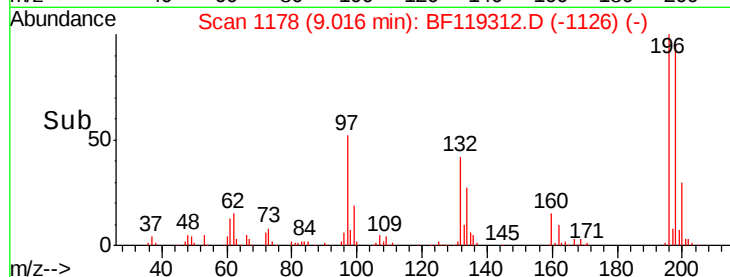
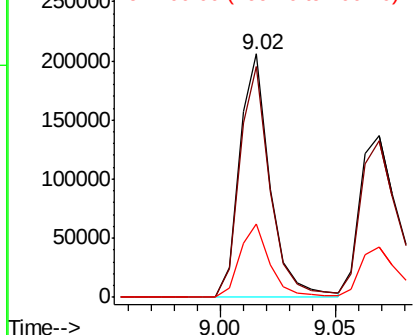
#43
 2,4,6-Trichlorophenol
 Concen: 36.717 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 189285
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.1 115.7
 200 30.2 25.0 37.6

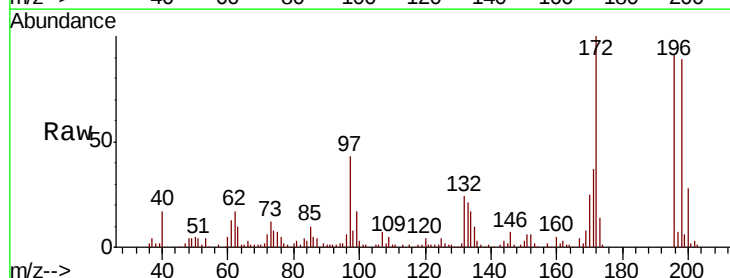


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

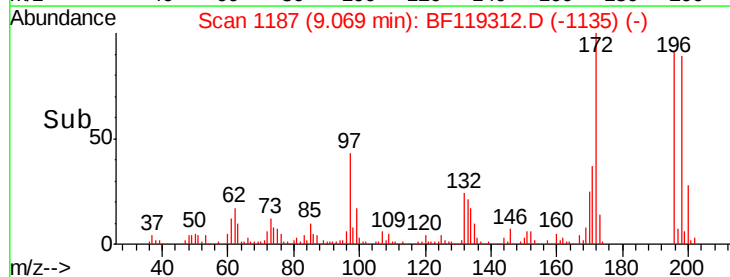
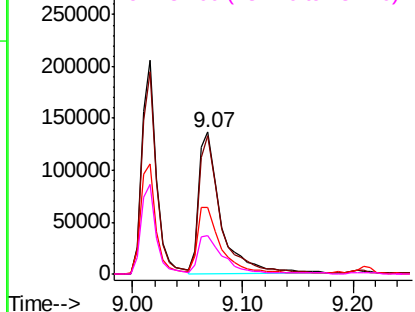


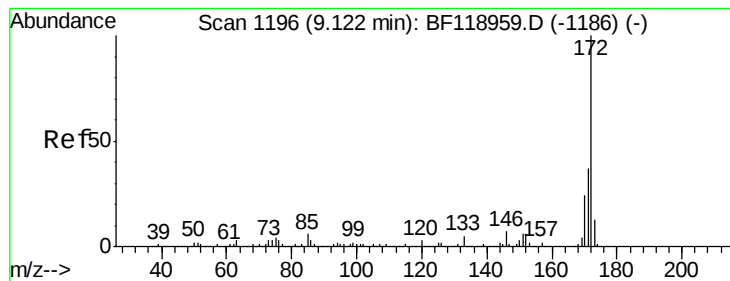
#44
 2,4,5-Trichlorophenol
 Concen: 33.931 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Tgt Ion:196 Resp: 183557
 Ion Ratio Lower Upper
 196 100
 198 97.3 76.8 115.2
 97 47.4 38.5 57.7
 132 26.8 22.2 33.4



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





#45

2-Fluorobiphenyl

Concen: 77.215 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampleId :

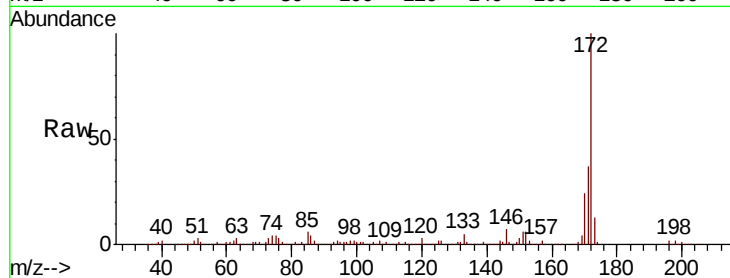
Tot Ion:172 Resp: 1269113

Ion Ratio Lower Upper

172 100

171 37.2 30.6 45.8

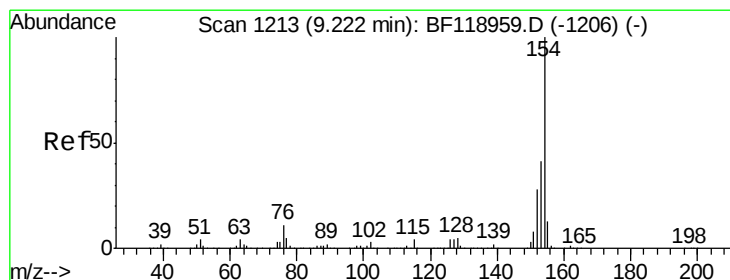
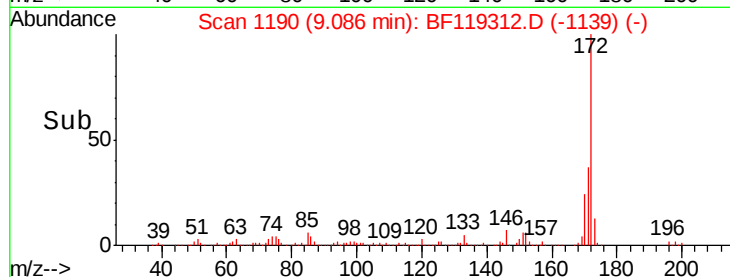
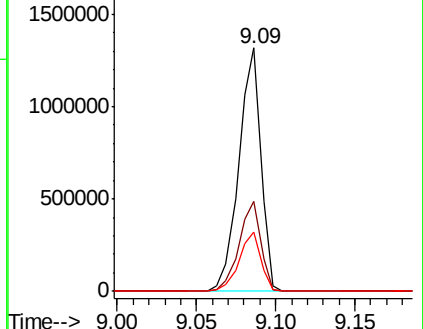
170 24.1 20.2 30.2



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: 39.282 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

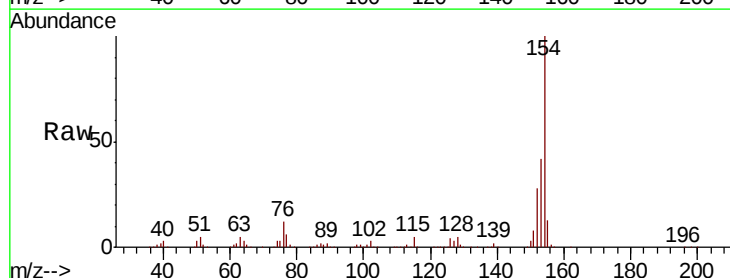
Tgt Ion:154 Resp: 768715

Ion Ratio Lower Upper

154 100

153 41.6 22.8 62.8

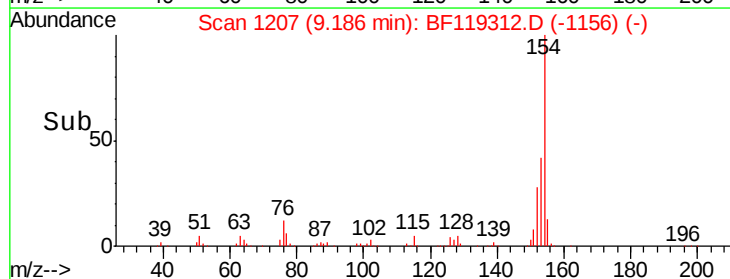
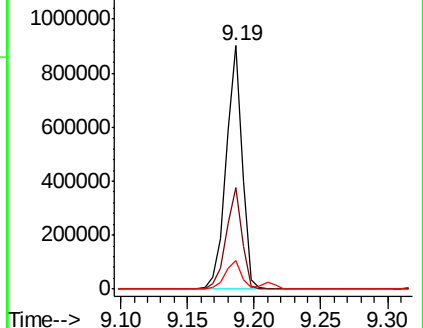
76 11.6 0.0 32.2

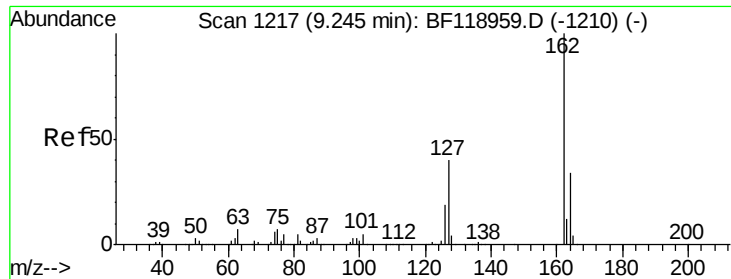


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

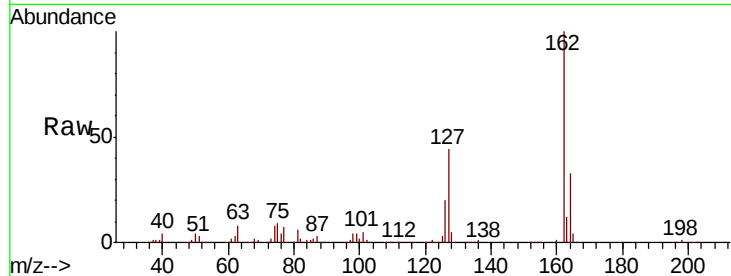




#47
 2-Chloronaphthalene
 Concen: 39.222 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.8	35.0	52.4
164	33.4	27.2	40.8

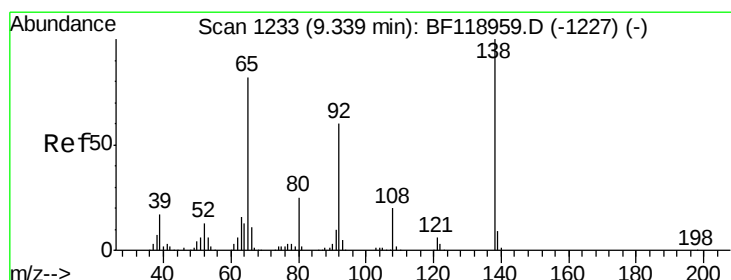
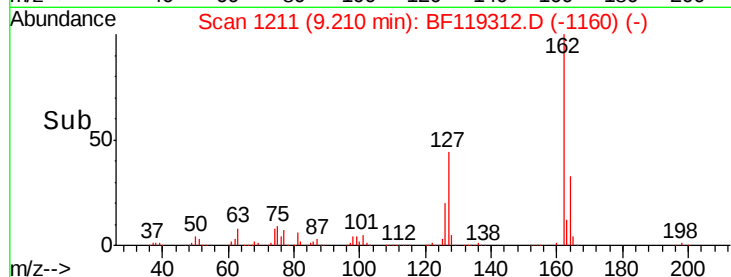
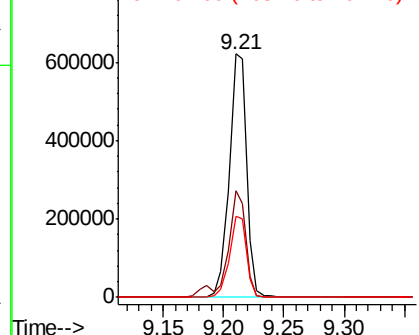


Abundance

Ion 162.00 (161.70 to 162.70): E

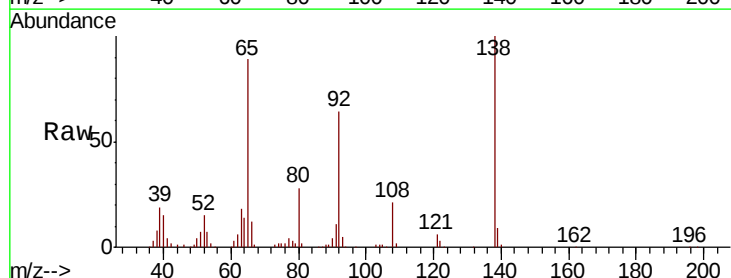
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 41.853 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	58.2	87.2
138	111.8	95.6	143.4

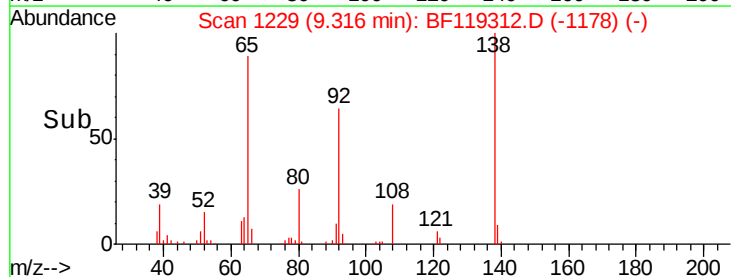
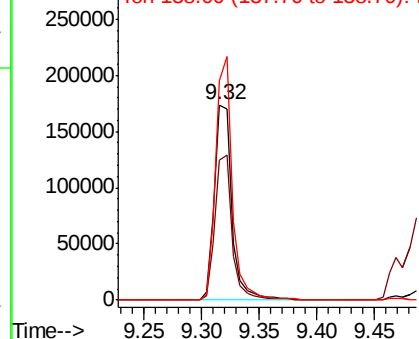


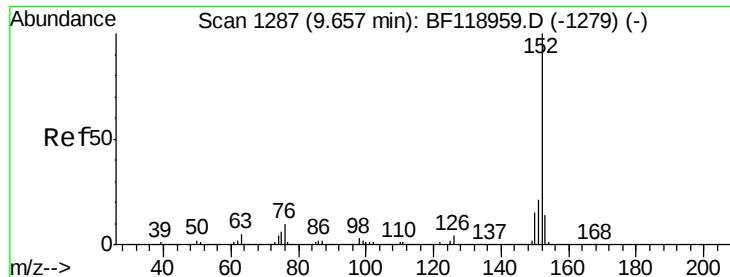
Abundance

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: 38.580 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampleId :

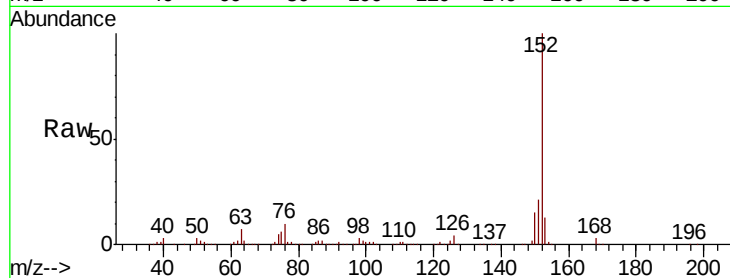
Tot Ion:152 Resp: 878712

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

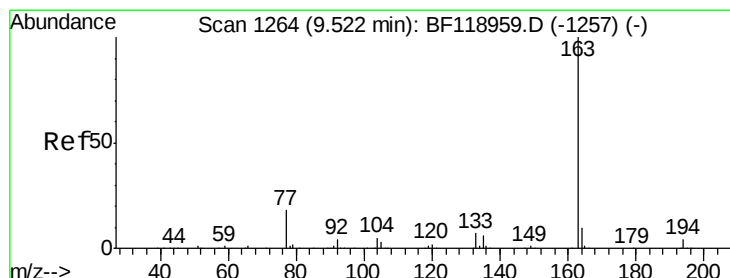
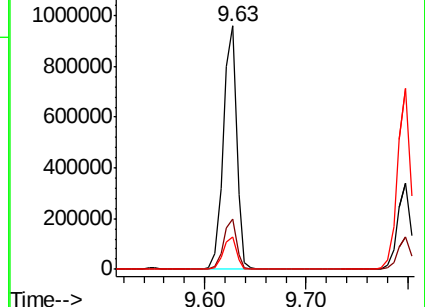
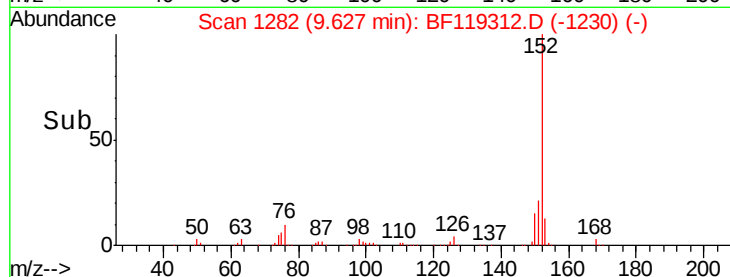
153 13.2 11.0 16.6



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: 39.038 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

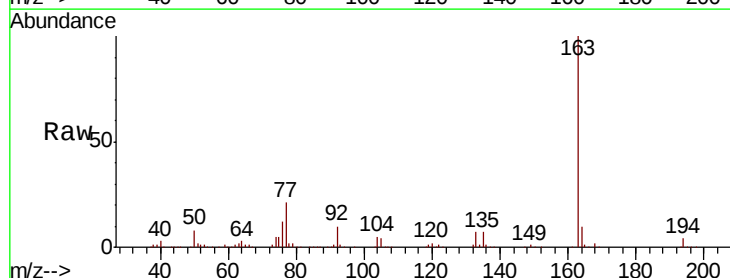
Tgt Ion:163 Resp: 722805

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

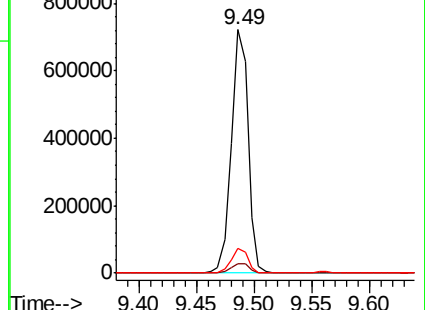
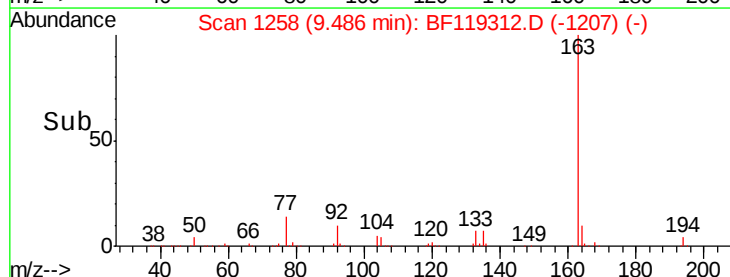
164 10.0 8.4 12.6



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

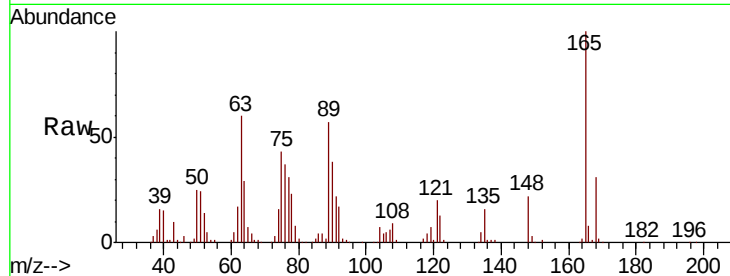




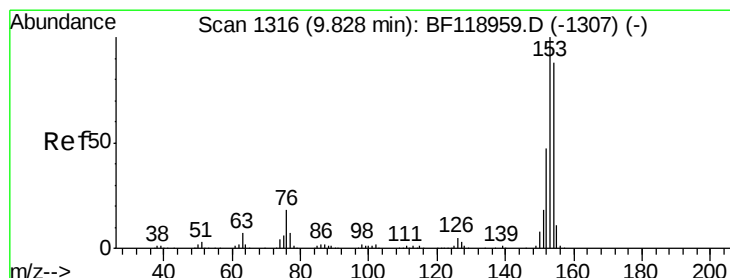
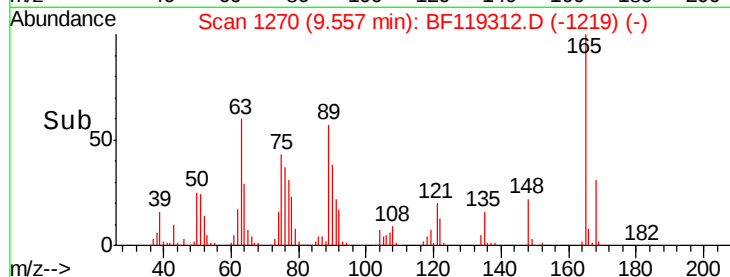
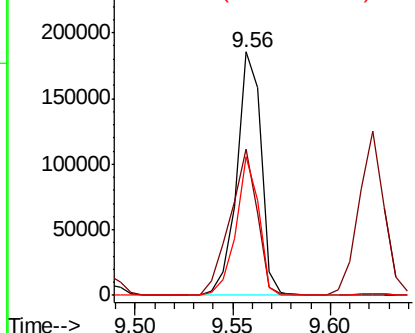
#51
 2,6-Dinitrotoluene
 Concen: 38.885 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 159955
 Ion Ratio Lower Upper
 165 100
 63 60.1 34.3 51.5#
 89 56.8 38.3 57.5

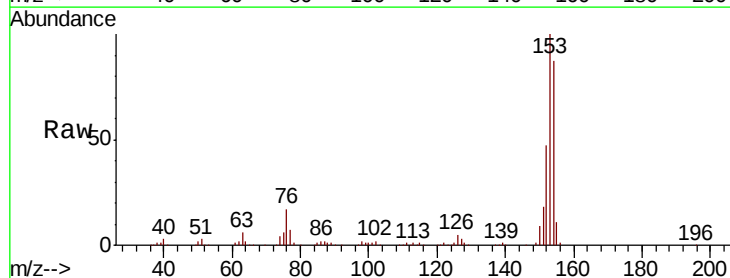


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

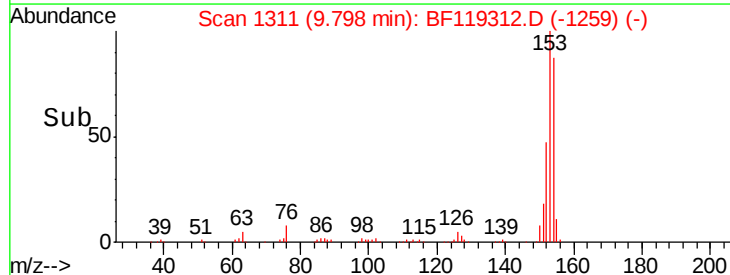
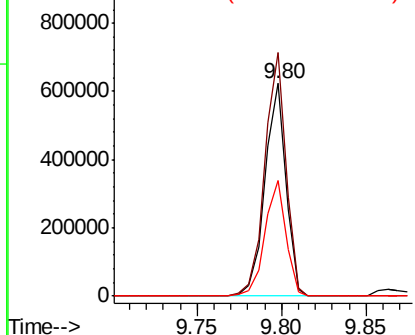


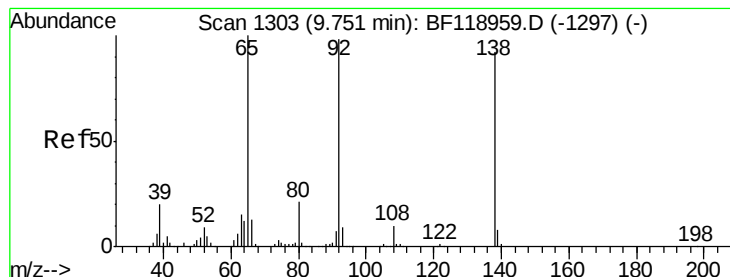
#52
 Acenaphthene
 Concen: 39.129 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Tgt Ion:154 Resp: 537386
 Ion Ratio Lower Upper
 154 100
 153 114.6 90.3 135.5
 152 54.4 43.8 65.8



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: 39.675 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampled :

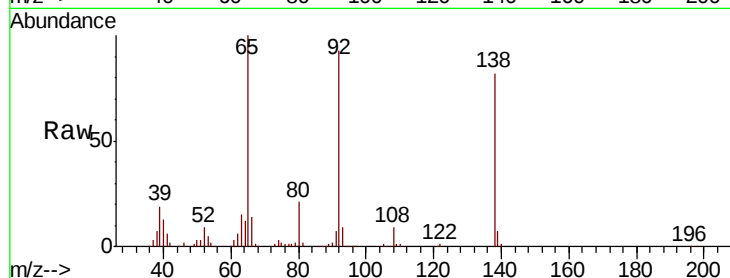
Tot Ion:138 Resp: 180932

Ion Ratio Lower Upper

138 100

108 11.5 8.8 13.2

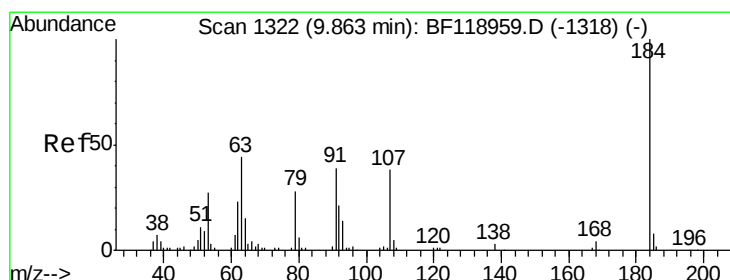
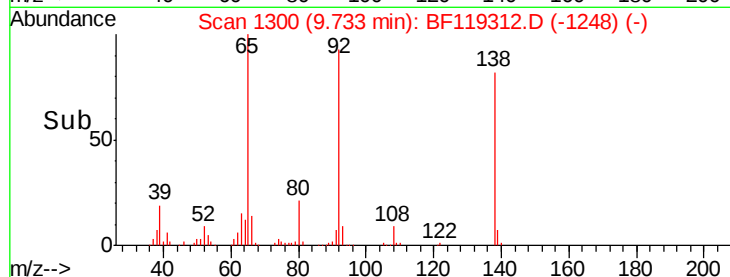
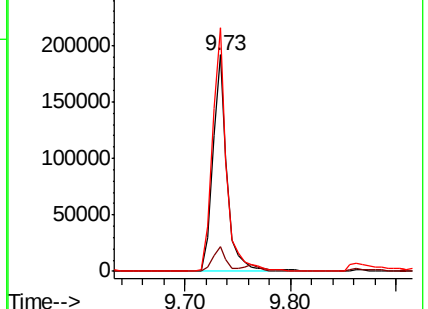
92 112.6 84.8 127.2



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: 36.206 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

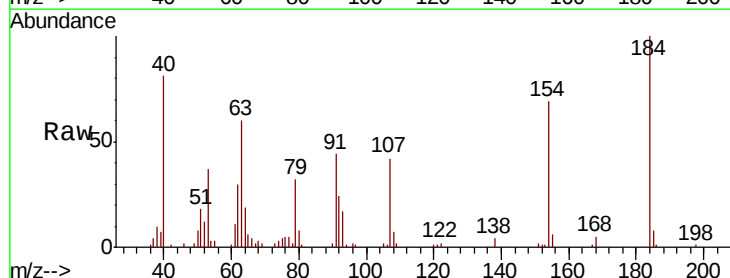
Tgt Ion:184 Resp: 63362

Ion Ratio Lower Upper

184 100

63 60.4 38.7 58.1#

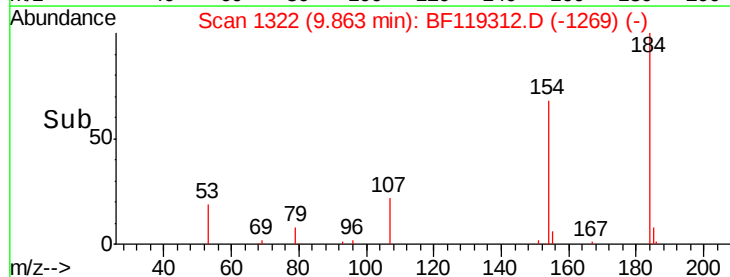
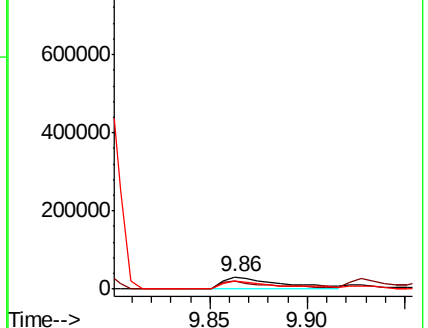
154 69.1 49.7 74.5

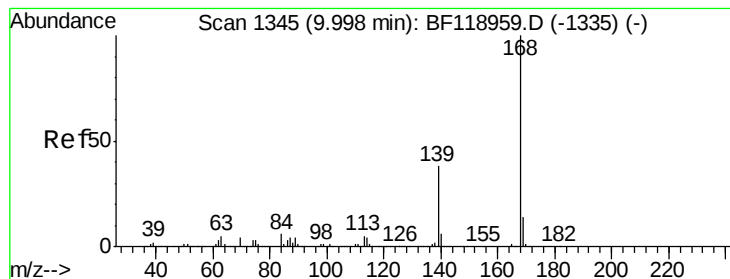


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.041 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampleId :

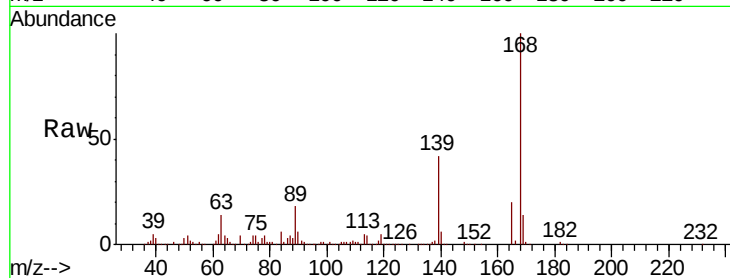
Tot Ion:168 Resp: 800305

Ion Ratio Lower Upper

168 100

139 42.0 34.0 51.0

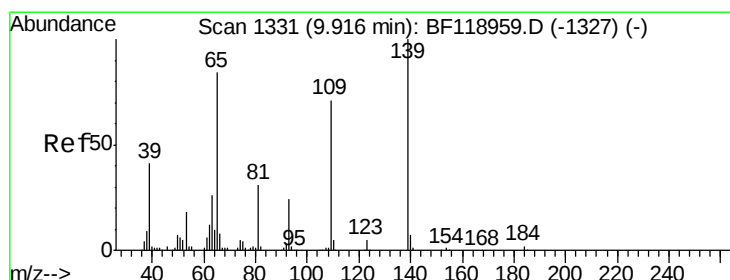
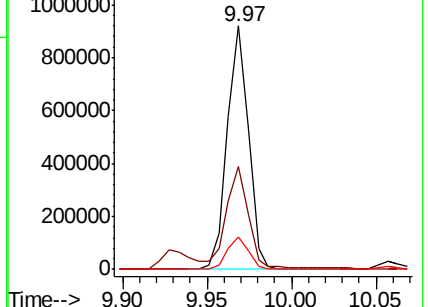
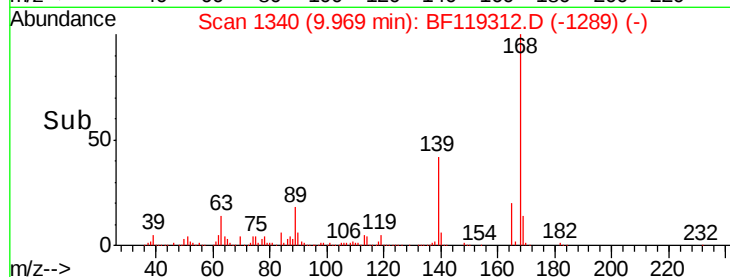
169 13.5 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 35.845 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

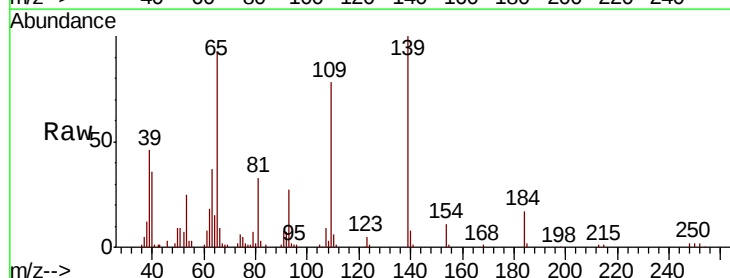
Tgt Ion:139 Resp: 98215

Ion Ratio Lower Upper

139 100

109 77.9 56.7 96.7

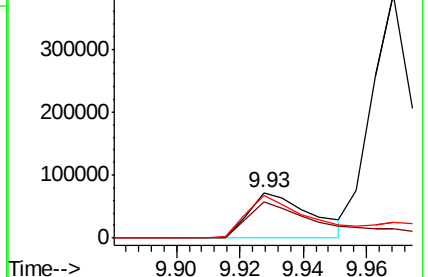
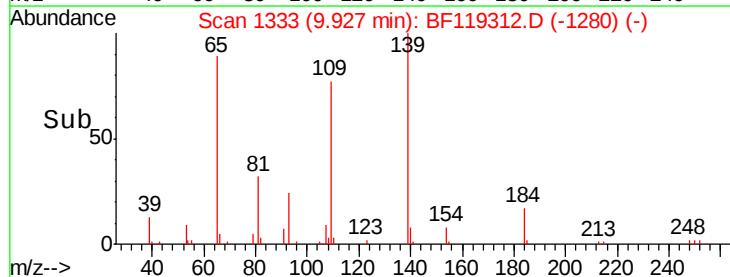
65 93.3 65.0 105.0

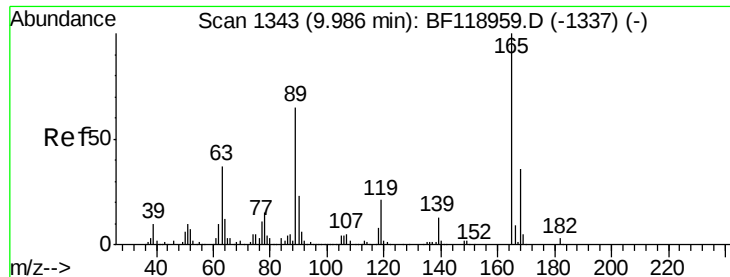


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

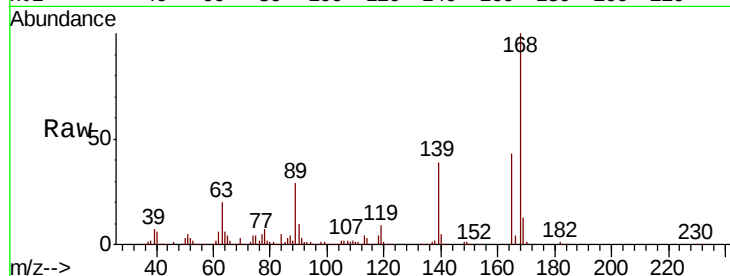




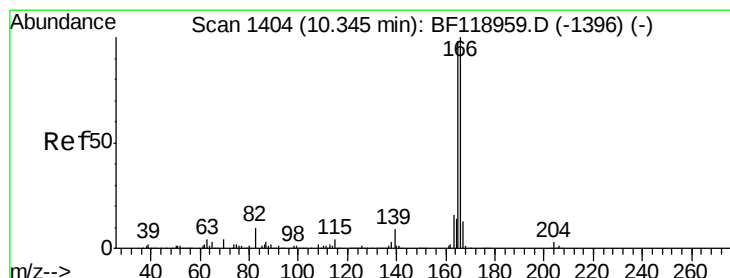
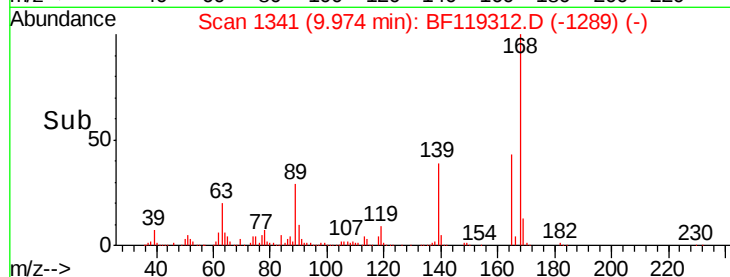
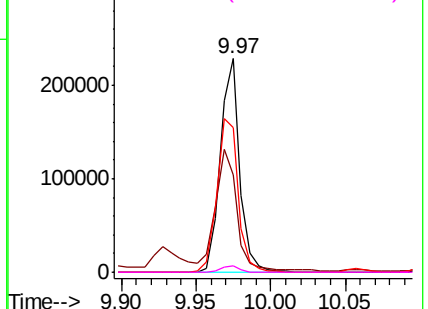
#57
 2,4-Dinitrotoluene
 Concen: 39.142 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 208701
 Ion Ratio Lower Upper
 165 100
 63 45.6 42.3 63.5
 89 67.7 60.2 90.4
 182 2.8 2.3 3.5

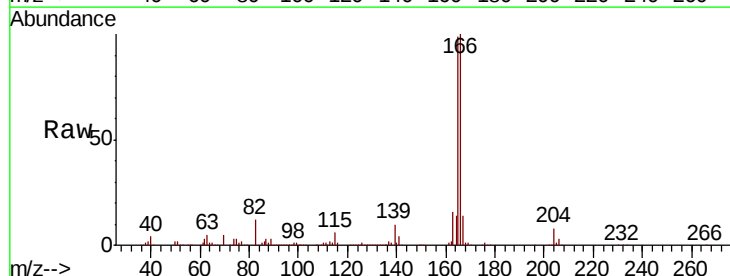


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

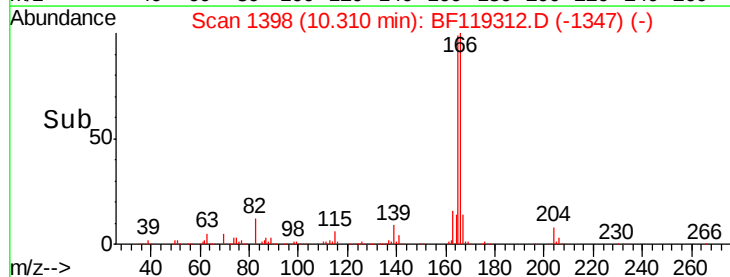
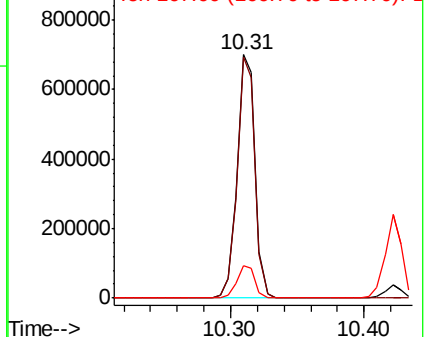


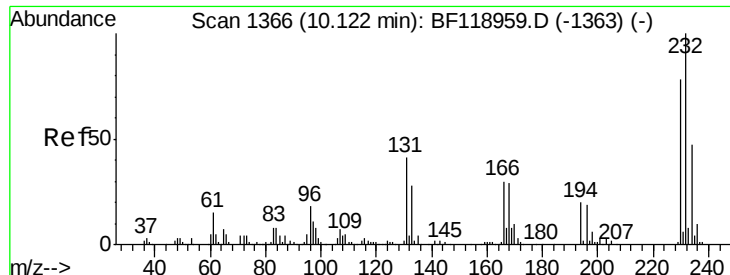
#58
 Fluorene
 Concen: 41.117 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Tgt Ion:166 Resp: 654950
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.5 117.7
 167 13.5 11.0 16.4



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

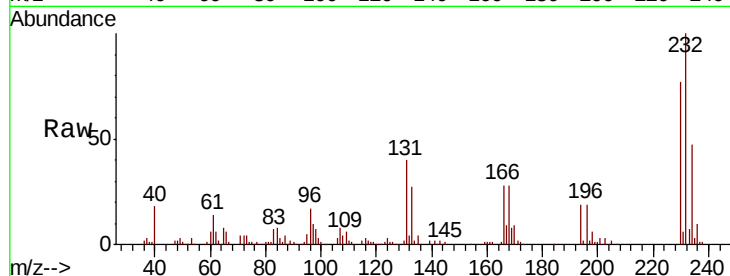




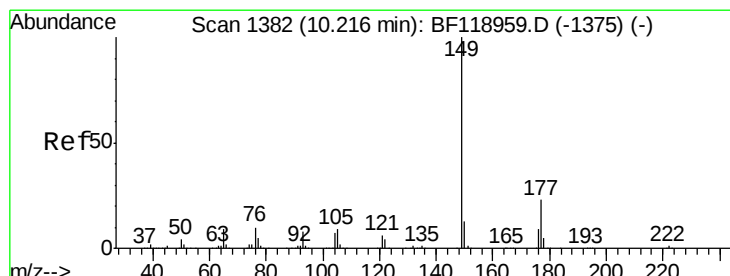
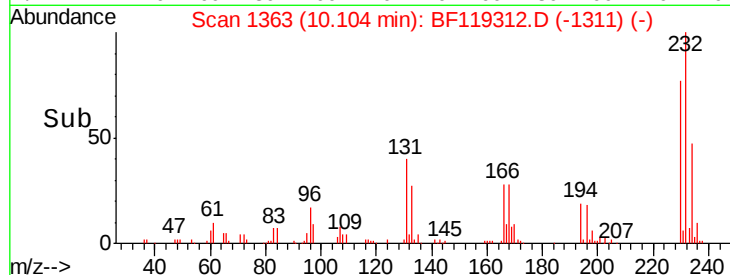
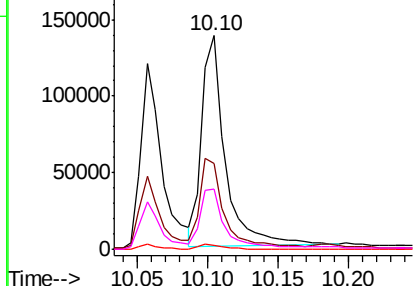
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.042 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 159957
Ion Ratio Lower Upper
232 100
131 45.2 33.8 50.8
130 2.5 1.8 2.6
166 28.7 23.0 34.4

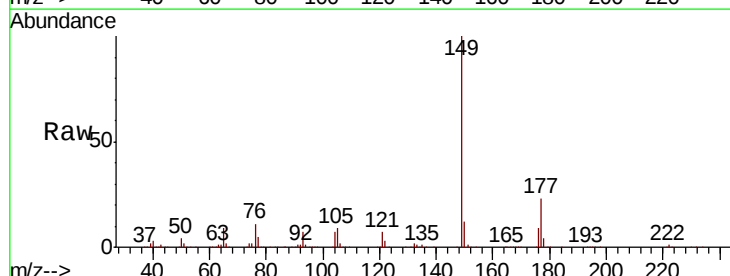


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

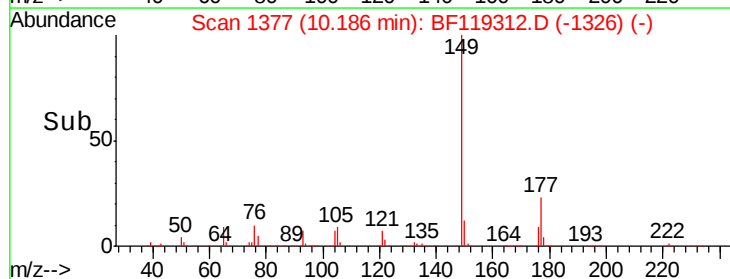
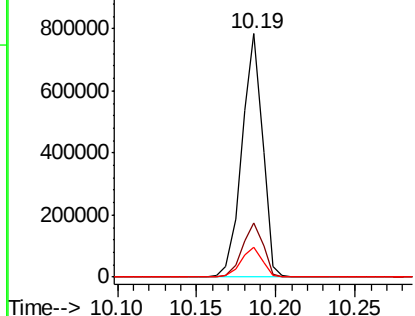


#60
Diethylphthalate
Concen: 40.412 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Tgt Ion:149 Resp: 705132
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.2
150 12.5 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

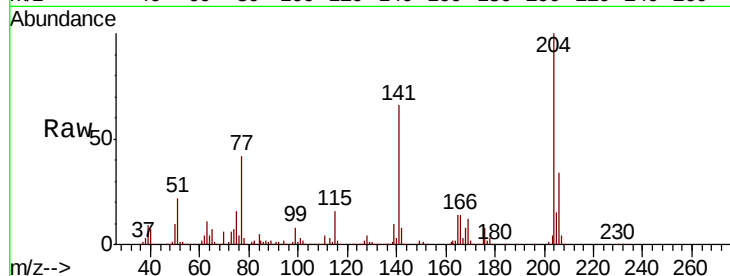




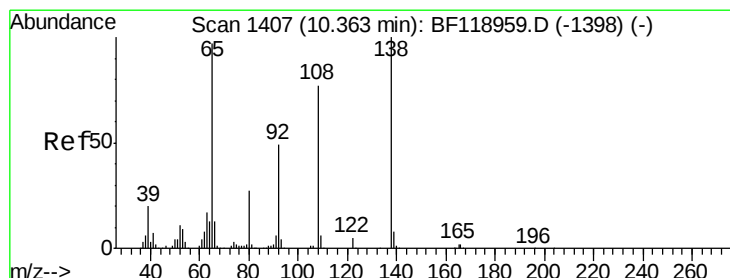
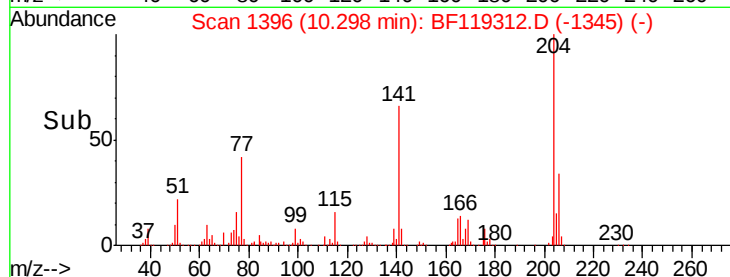
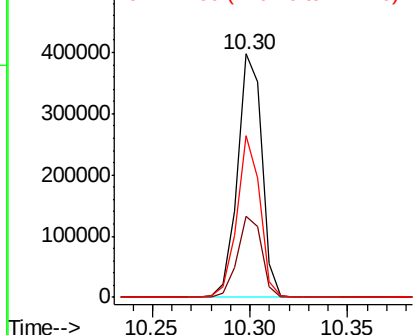
#61
4-Chlorophenyl-phenylether
Concen: 40.928 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 345079
Ion Ratio Lower Upper
204 100
206 33.5 27.1 40.7
141 66.3 52.9 79.3

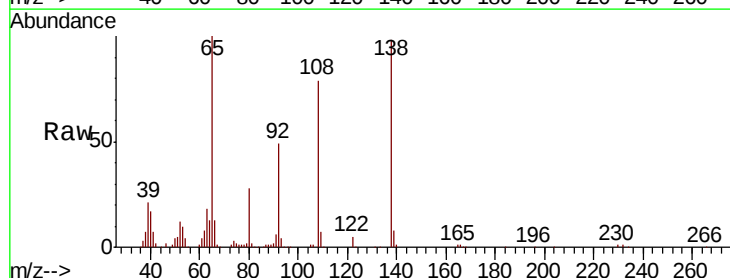


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

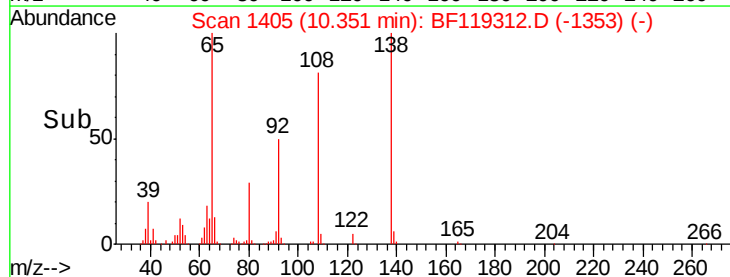
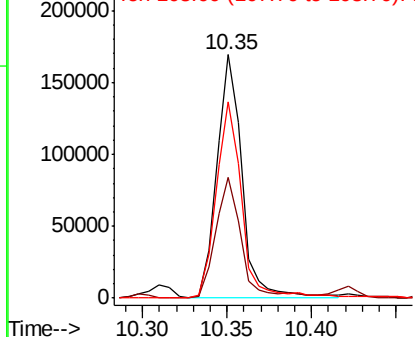


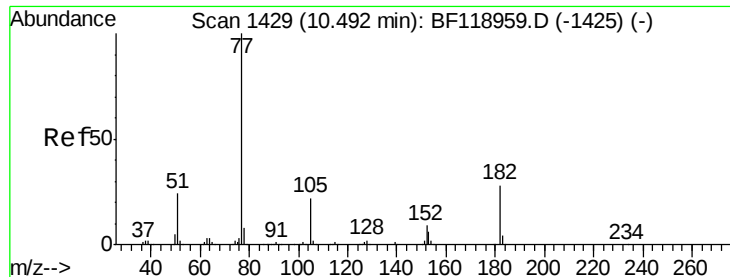
#62
4-Nitroaniline
Concen: 37.982 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Tgt Ion:138 Resp: 177216
Ion Ratio Lower Upper
138 100
92 49.8 27.3 67.3
108 80.7 57.0 97.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.895 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 620222

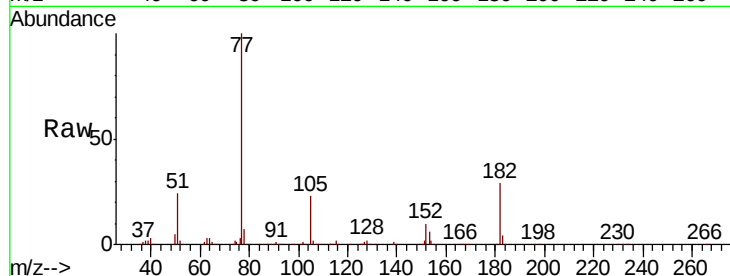
Ion Ratio Lower Upper

77 100

182 29.2 11.4 51.4

105 22.8 3.4 43.4

51 24.4 5.1 45.1

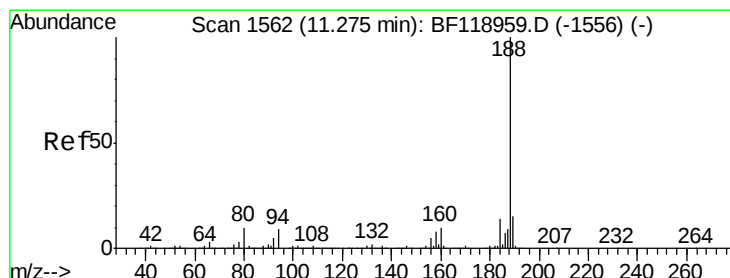
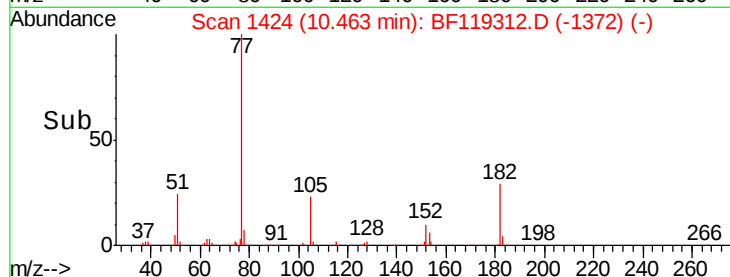
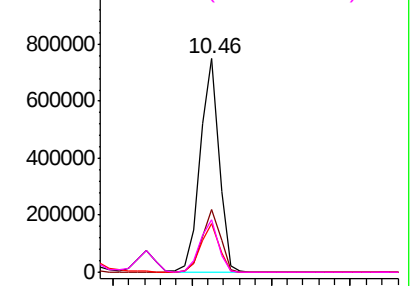


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

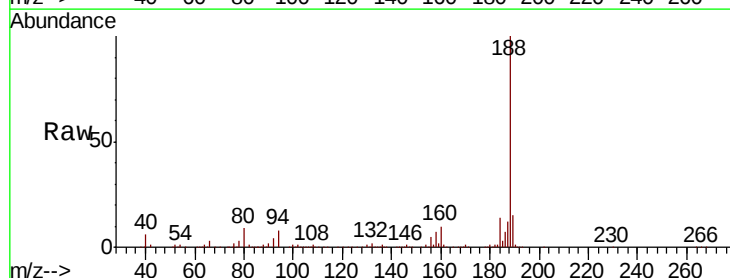
Tgt Ion: 188 Resp: 454196

Ion Ratio Lower Upper

188 100

94 7.5 7.1 10.7

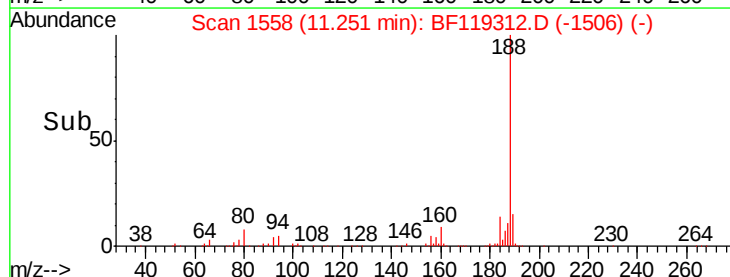
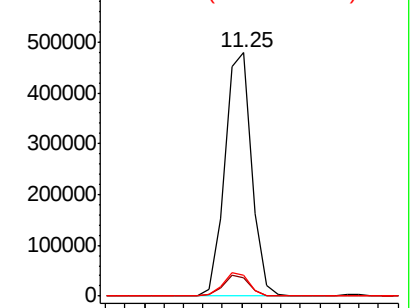
80 8.5 7.8 11.8

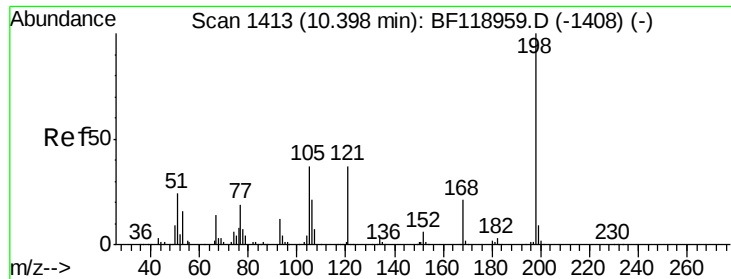


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

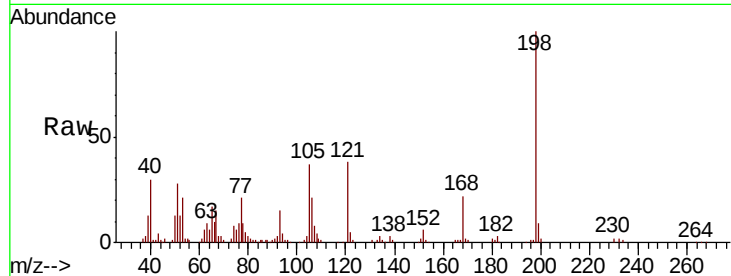




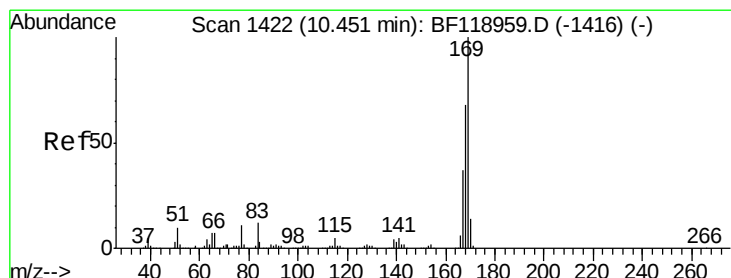
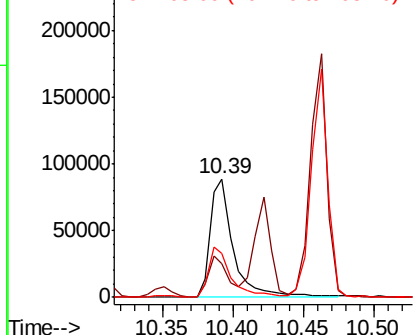
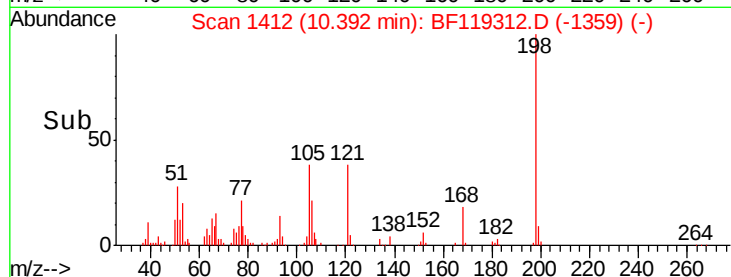
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.943 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	198	Resp	101535
Ion Ratio	100	Lower	Upper
51	28.2	14.2	54.2
105	37.3	22.7	62.7

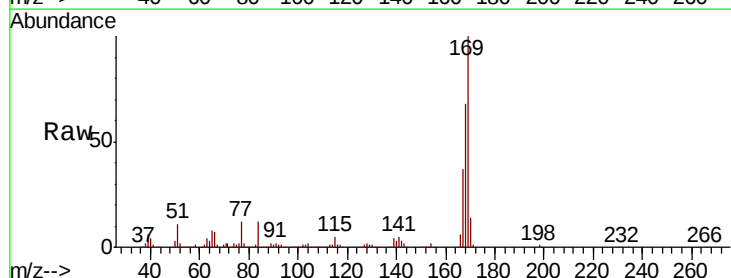


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

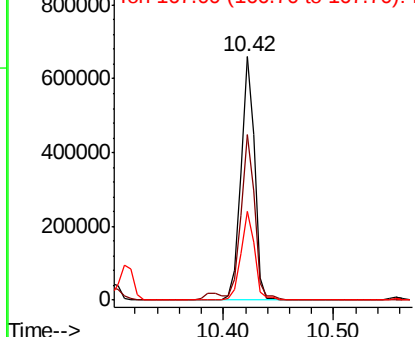
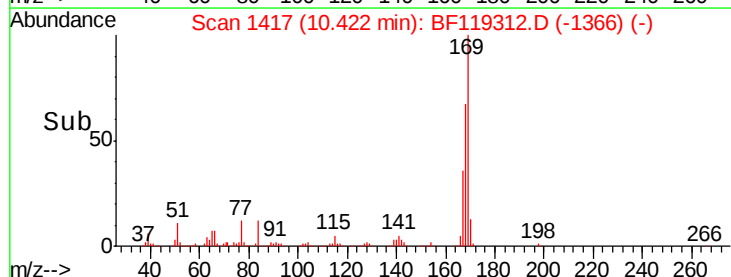


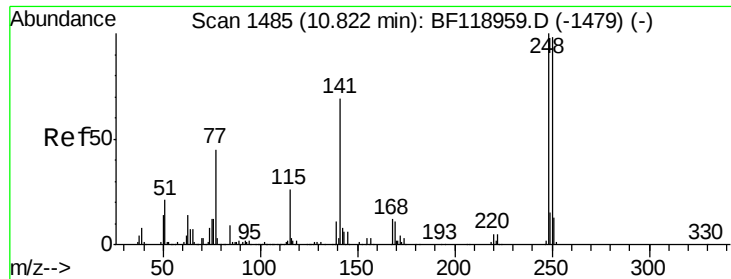
#66
 n-Nitrosodiphenylamine
 Concen: 38.775 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Tgt Ion	169	Resp	576666
Ion Ratio	100	Lower	Upper
168	67.8	54.1	81.1
167	36.6	29.4	44.0



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

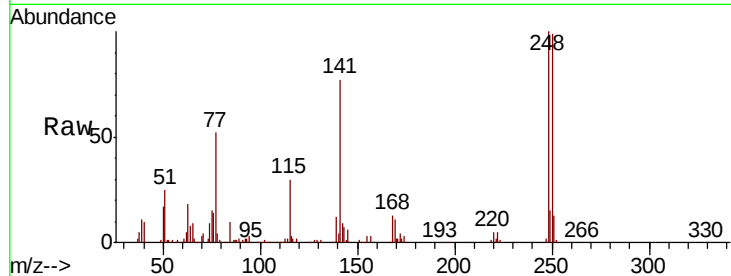




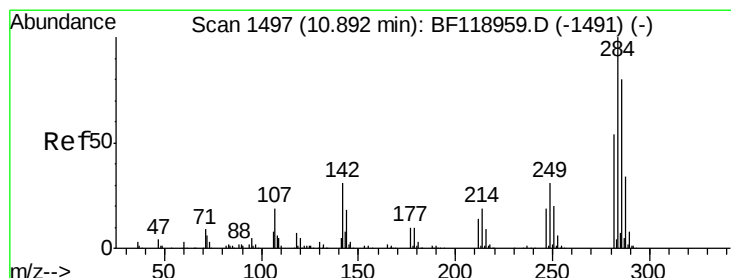
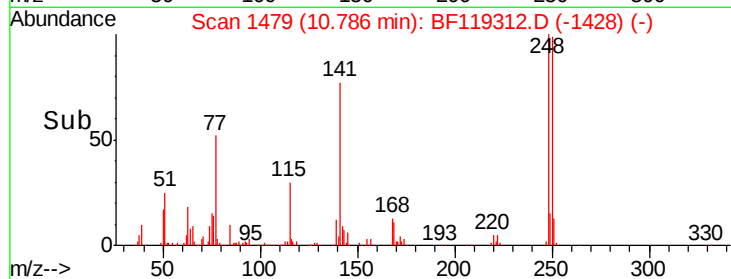
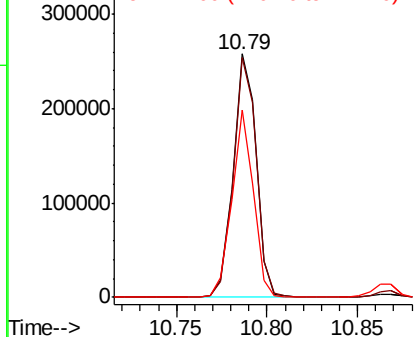
#67
4-Bromophenyl-phenylether
Concen: 38.470 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 228396
Ion Ratio Lower Upper
248 100
250 98.6 76.7 115.1
141 76.8 60.7 91.1

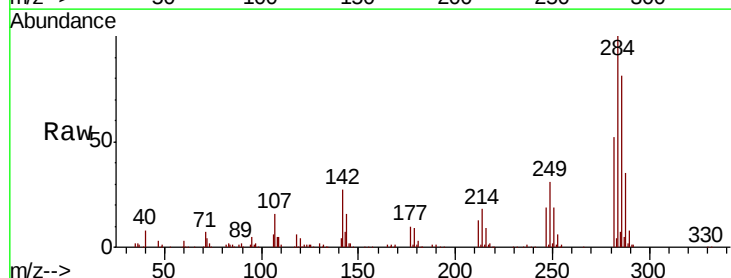


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

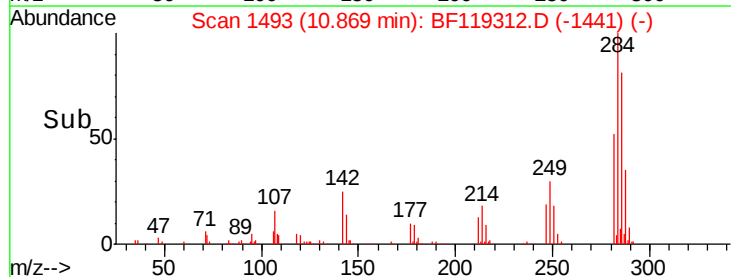
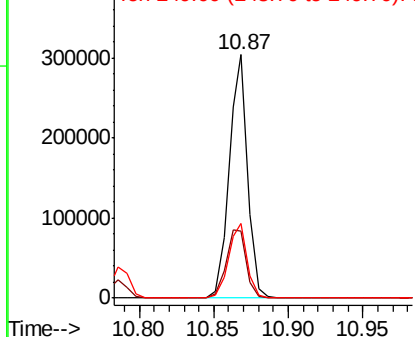


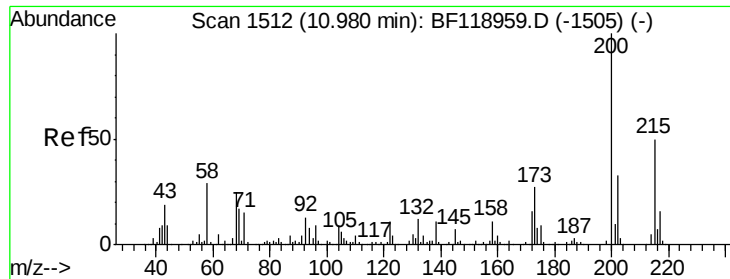
#68
Hexachlorobenzene
Concen: 38.651 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Tgt Ion:284 Resp: 264566
Ion Ratio Lower Upper
284 100
142 27.4 23.7 35.5
249 30.7 25.0 37.6



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: 34.998 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampleId :

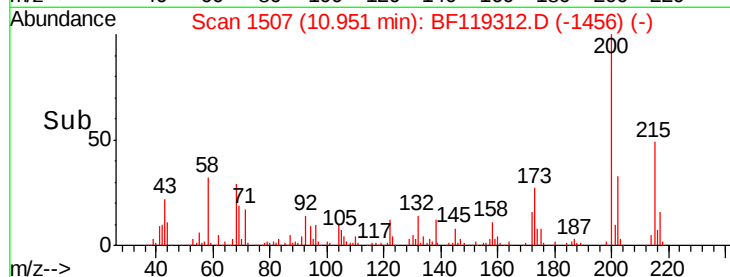
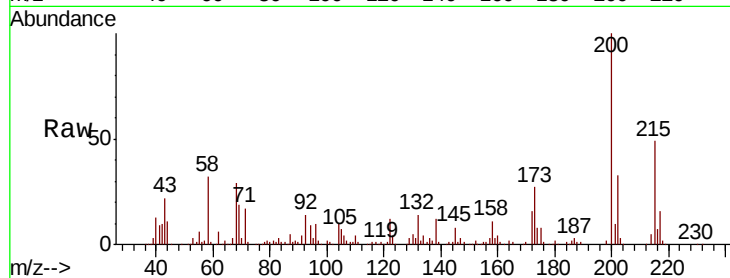
Tot Ion:200 Resp: 181856

Ion Ratio Lower Upper

200 100

173 27.1 6.4 46.4

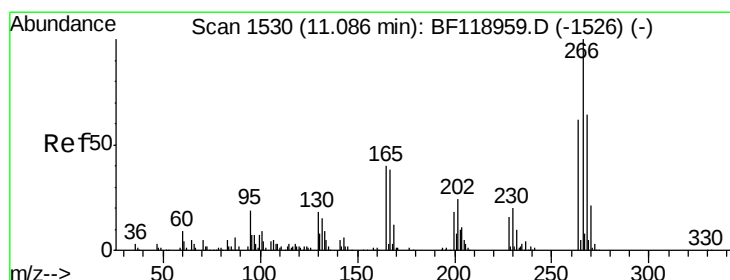
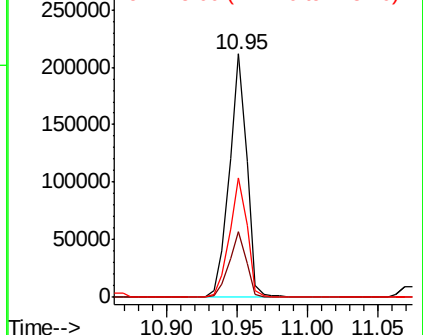
215 49.3 27.4 67.4



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: 37.470 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

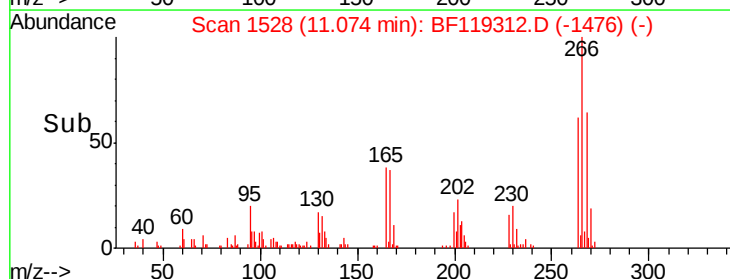
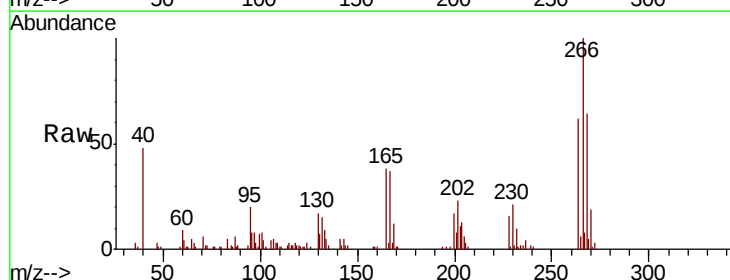
Tgt Ion:266 Resp: 103318

Ion Ratio Lower Upper

266 100

268 64.2 51.9 77.9

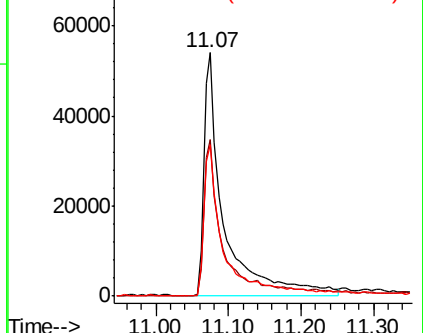
264 62.0 51.0 76.4

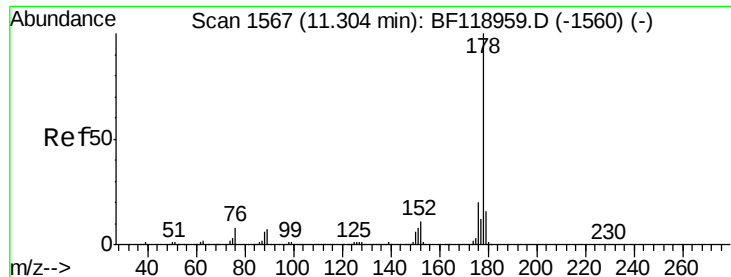


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

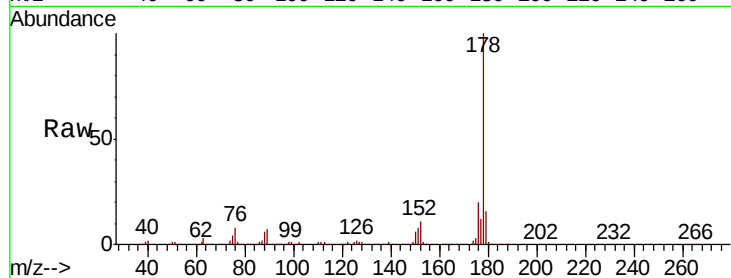




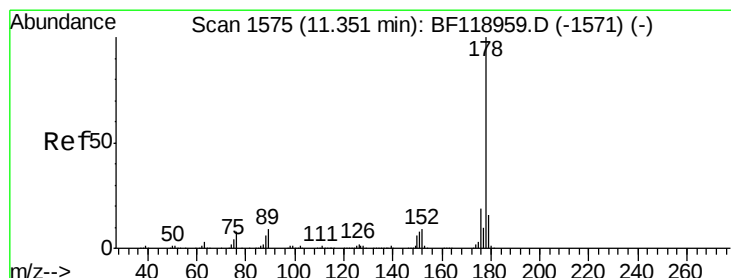
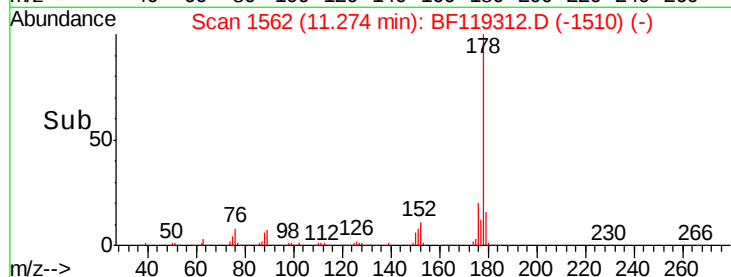
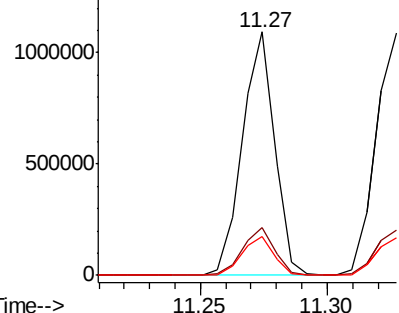
#71
Phenanthrene
Concen: 39.292 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 973252
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 15.7 13.0 19.6

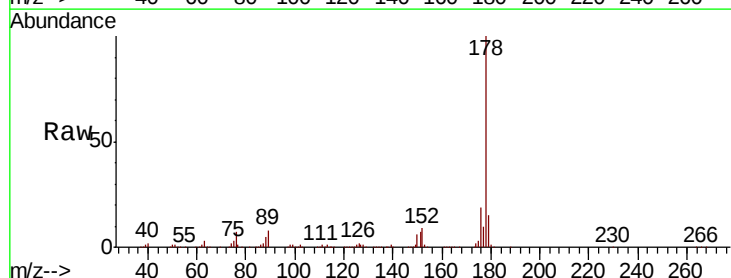


Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

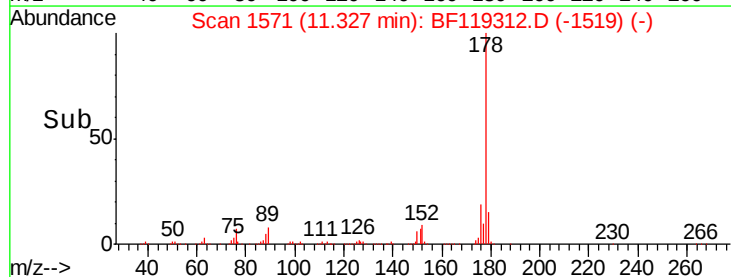
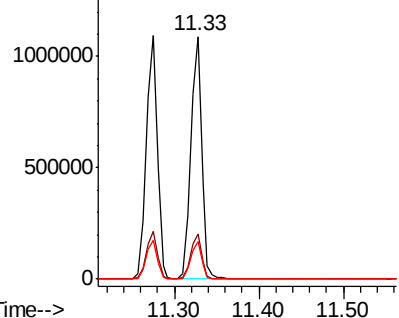


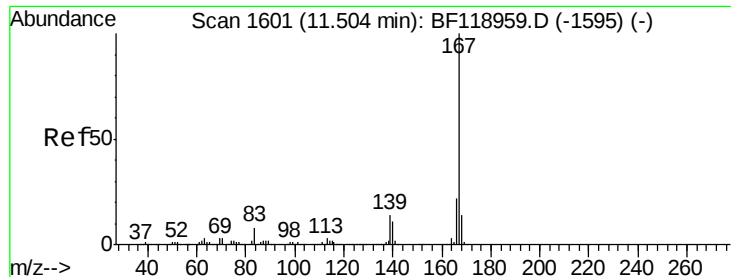
#72
Anthracene
Concen: 39.715 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Tgt Ion:178 Resp: 982905
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 15.4 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

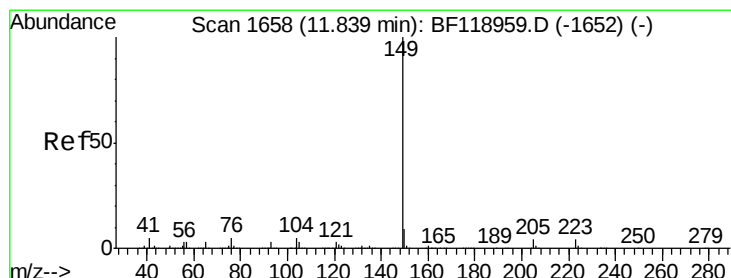
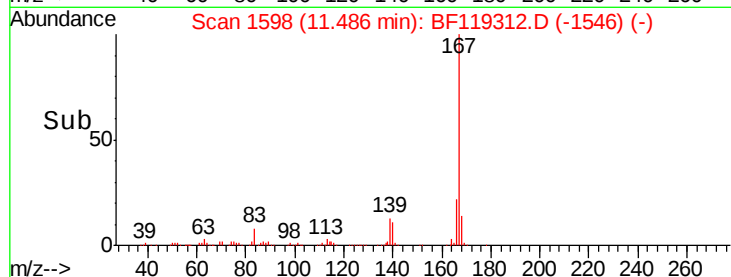
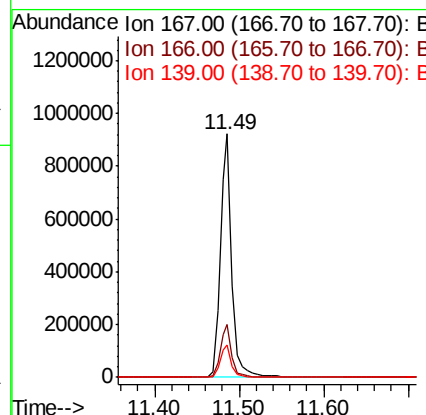
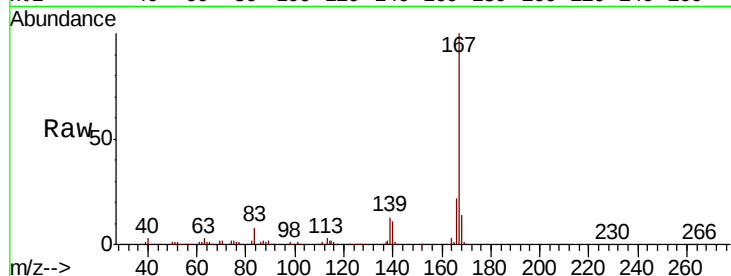




#73
 Carbazole
 Concen: 40.111 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

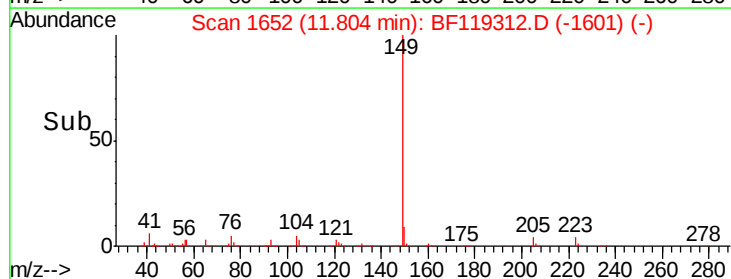
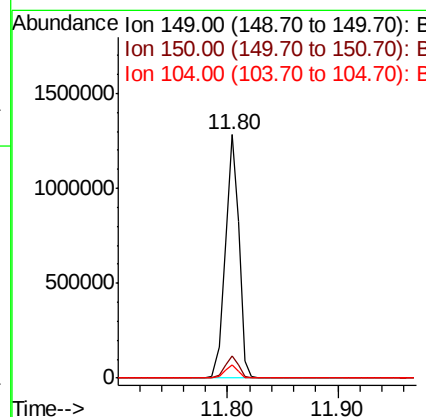
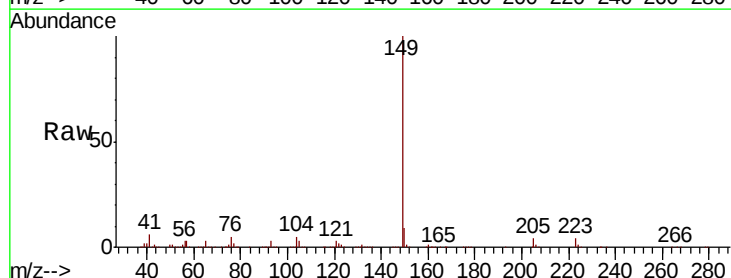
Instrument :
 BNA_F
 ClientSampleId :

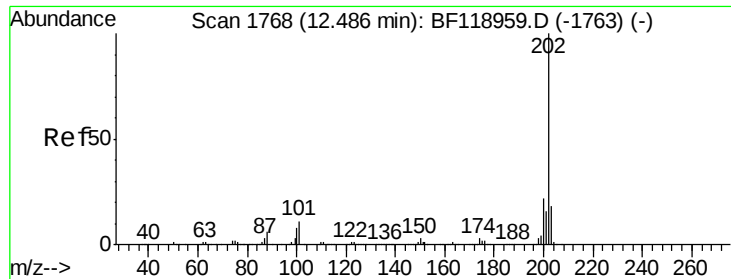
Tot Ion:167 Resp: 884376
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.4
 139 13.4 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 41.122 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Tgt Ion:149 Resp: 1097981
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.9 11.9
 104 5.4 4.6 6.8





#75

Fluoranthene

Concen: 39.898 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampleId :

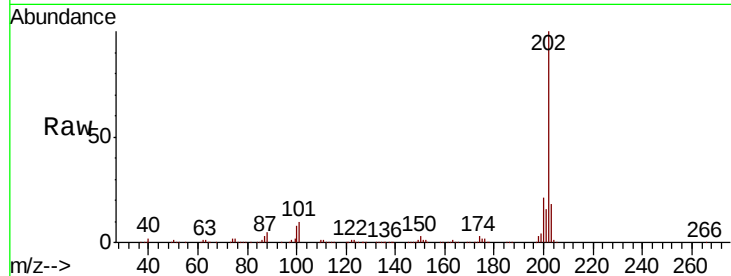
Tot Ion:202 Resp: 1049011

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.3

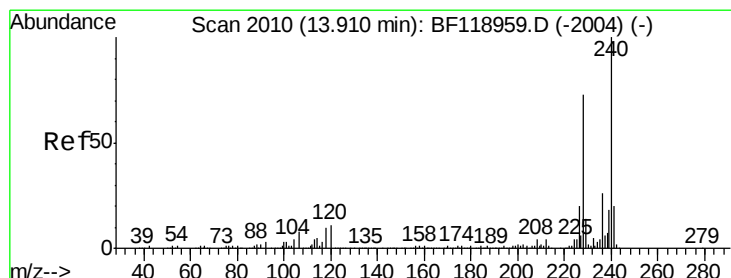
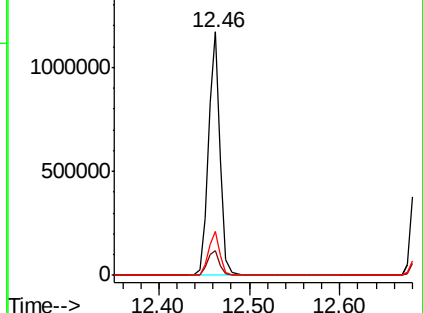
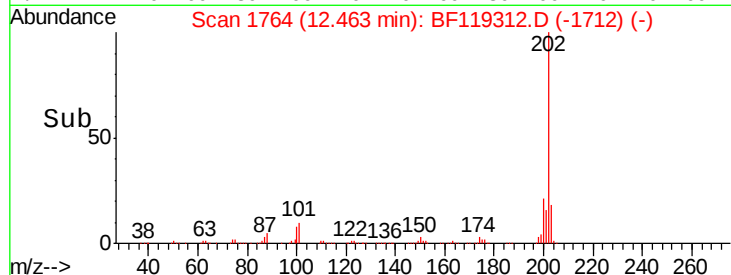
203 18.1 0.0 38.4



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: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

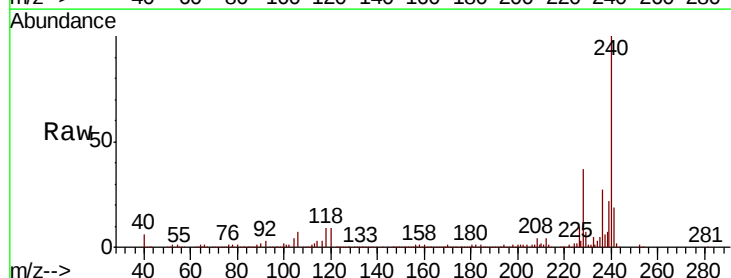
Tgt Ion:240 Resp: 343147

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

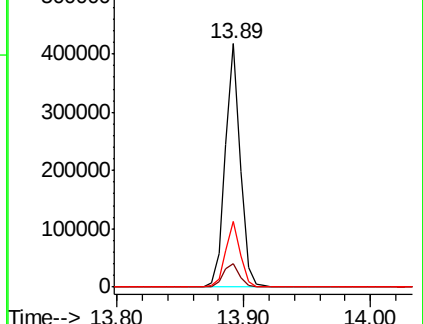
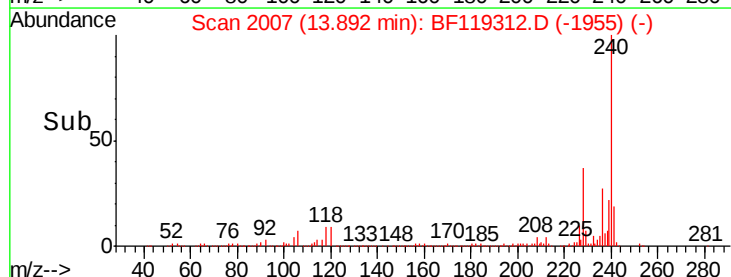
236 27.0 21.0 31.4

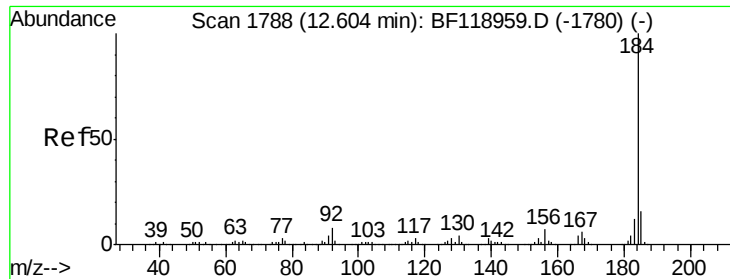


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.408 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

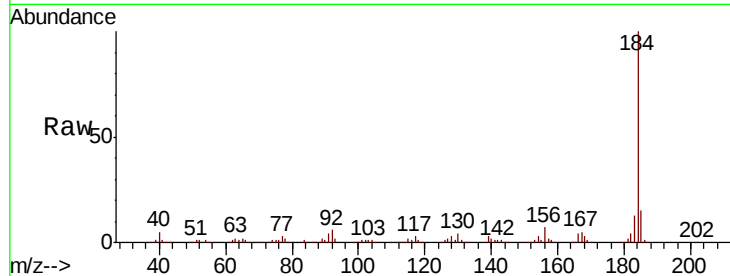
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 535998

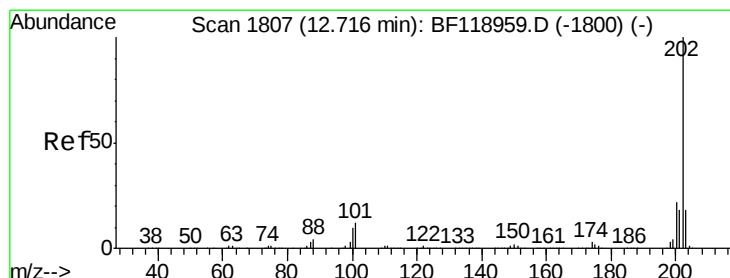
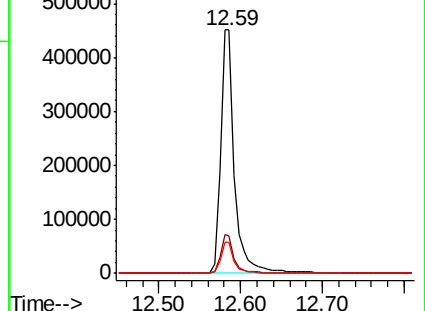
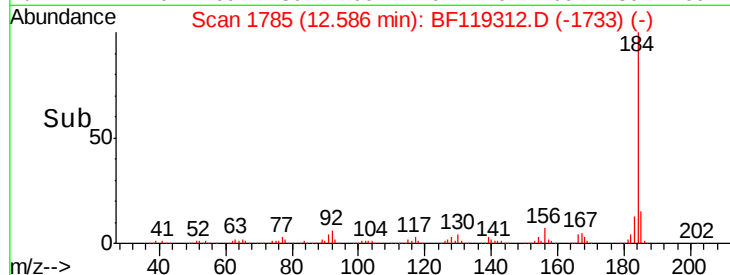
Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.2	18.4
183	12.5	9.9	14.9



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: 38.507 ng

RT: 12.69 min Scan# 1803

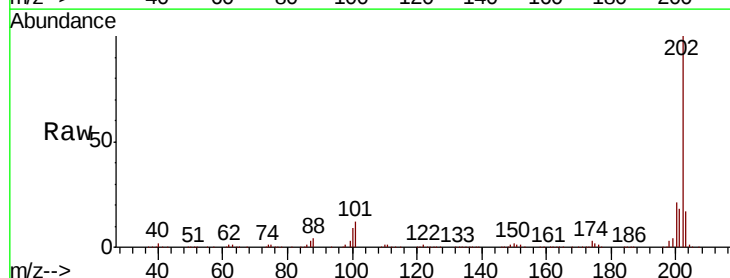
Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Tgt Ion:202 Resp: 1061025

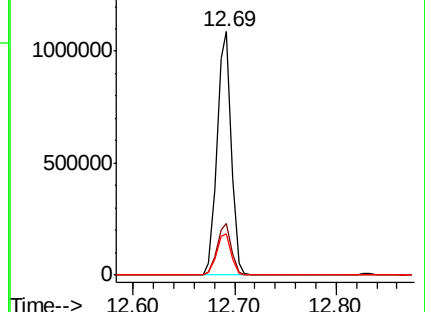
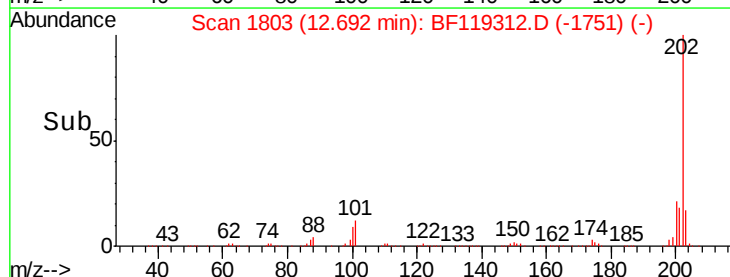
Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.0	27.0
203	17.2	14.6	22.0

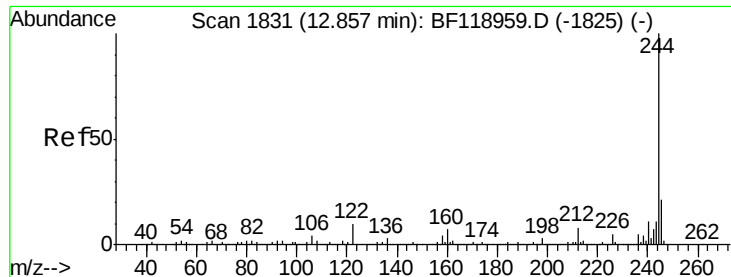


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

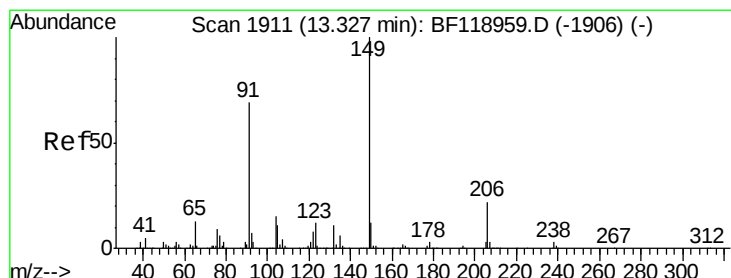
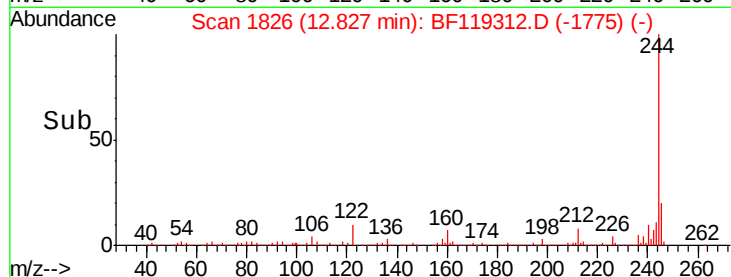
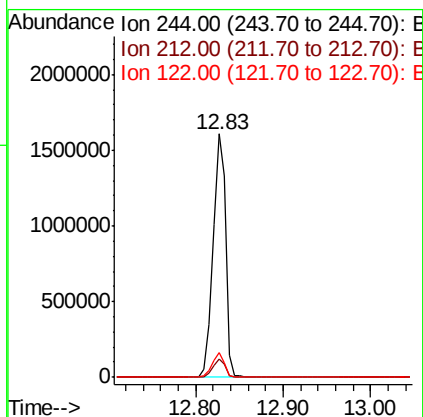
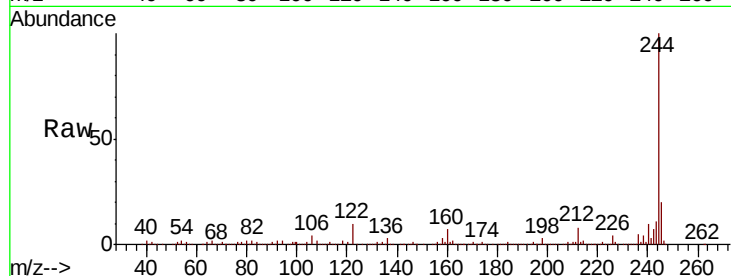




#79
 Terphenyl-d14
 Concen: 80.440 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

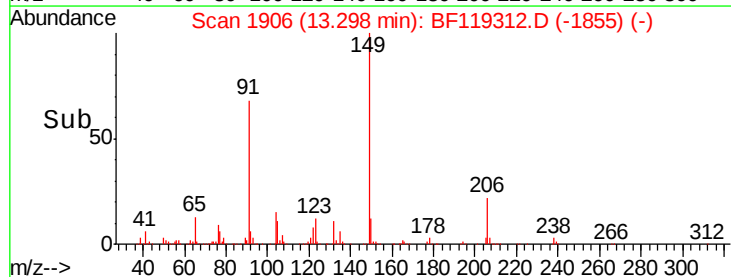
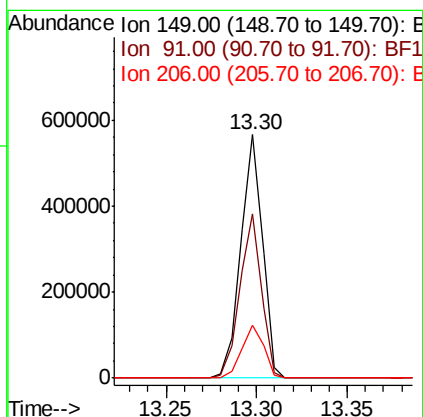
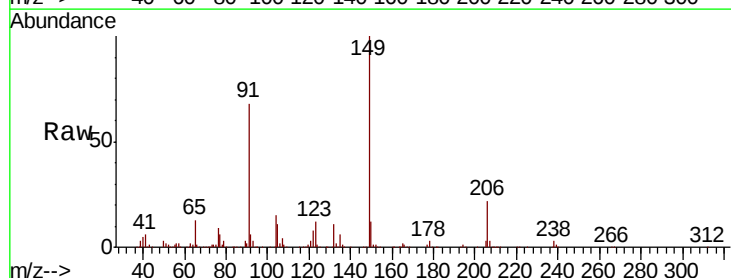
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1603253
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 10.0
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 40.672 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119312.D
 Acq: 10 Mar 2020 12:31

Tgt Ion:149 Resp: 471669
 Ion Ratio Lower Upper
 149 100
 91 67.6 52.3 78.5
 206 21.8 18.5 27.7





#81

Benzo(a)anthracene

Concen: 40.085 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampleId :

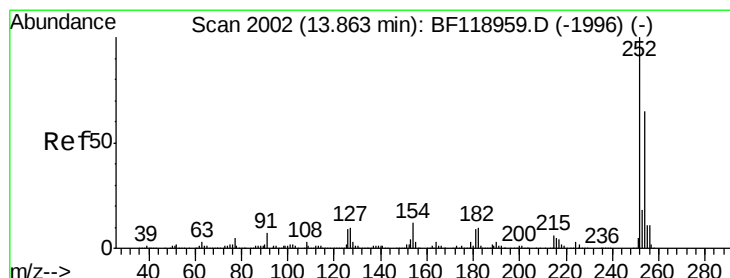
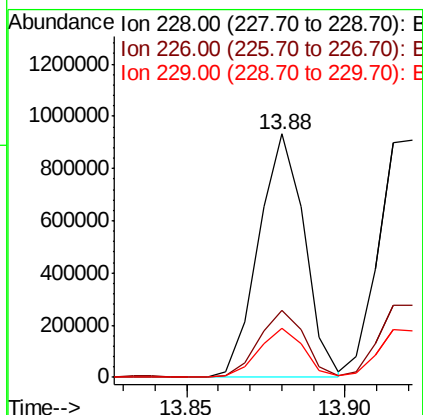
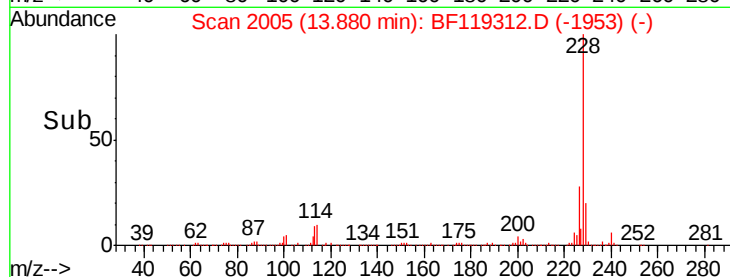
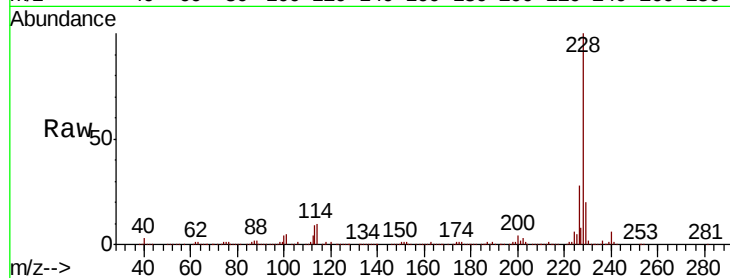
Tot Ion:228 Resp: 937221

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

229 20.3 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 39.797 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

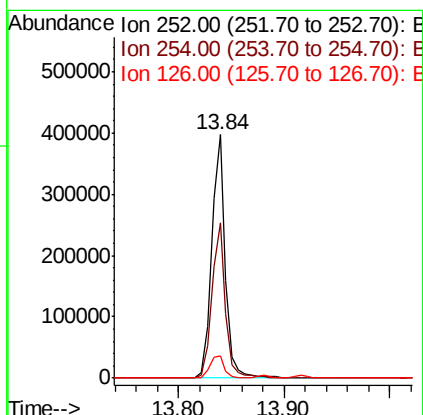
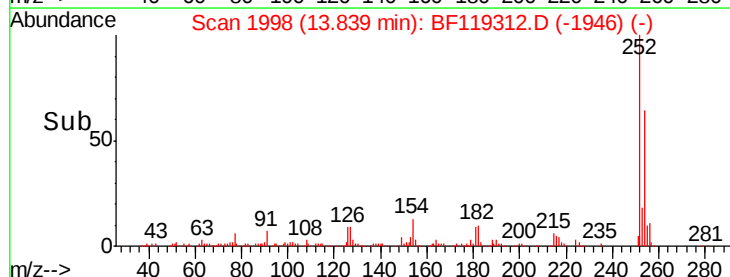
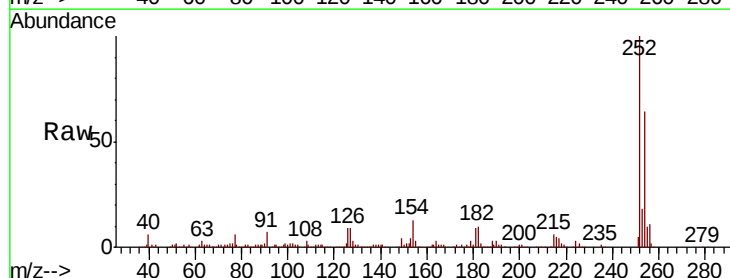
Tgt Ion:252 Resp: 361317

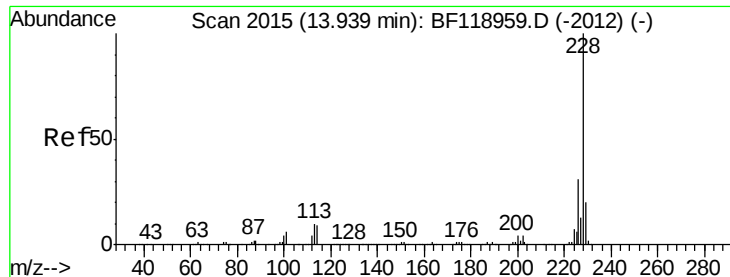
Ion Ratio Lower Upper

252 100

254 63.6 51.6 77.4

126 9.2 7.4 11.0





#83

Chrysene

Concen: 39.297 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampleId :

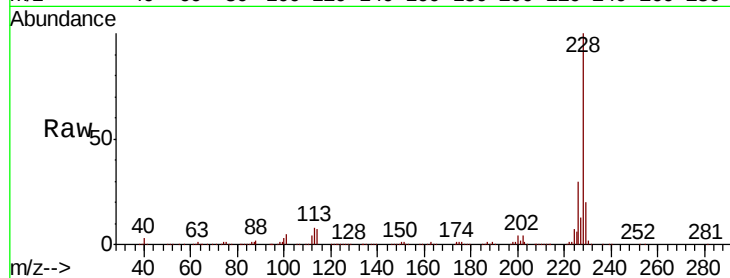
Tot Ion:228 Resp: 915495

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.1	37.7
229	19.5	16.3	24.5

228 100

226 30.3 25.1 37.7

229 19.5 16.3 24.5

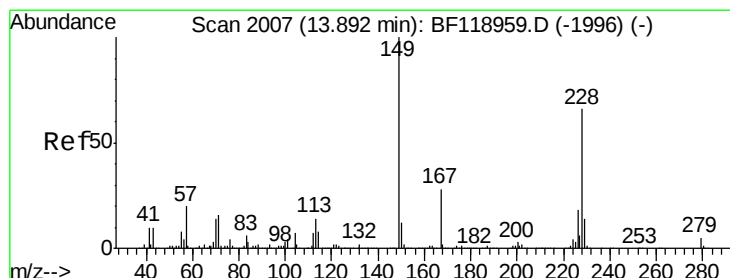
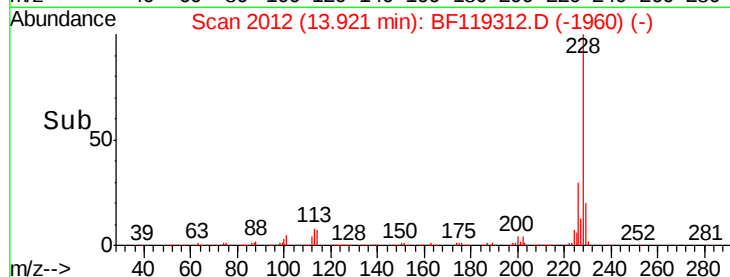
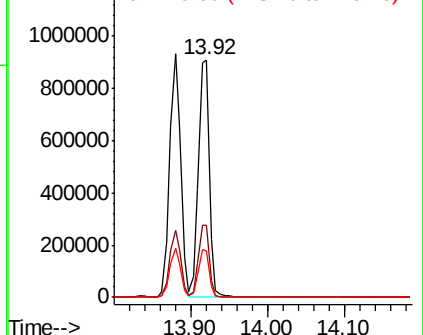


Abundance

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: 43.698 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

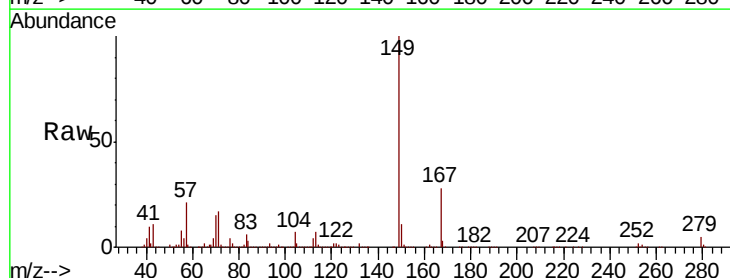
Tgt Ion:149 Resp: 640213

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.8	34.2
279	5.1	4.6	6.8

149 100

167 28.2 22.8 34.2

279 5.1 4.6 6.8

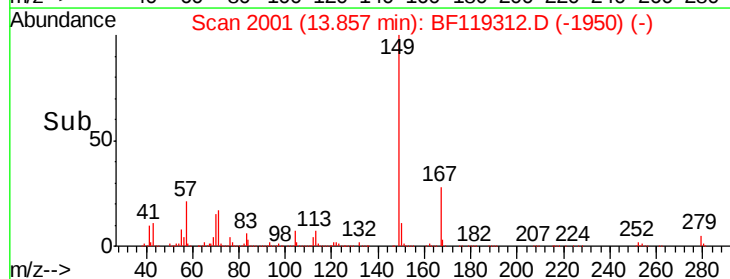
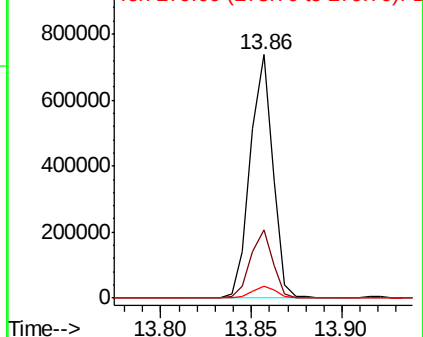


Abundance

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: 44.121 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

Instrument :

BNA_F

ClientSampleId :

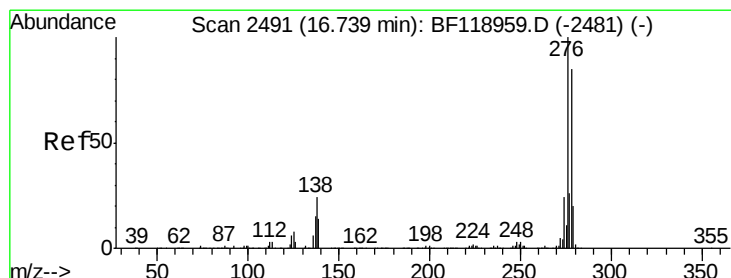
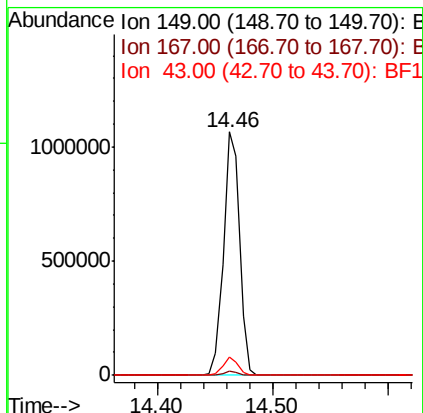
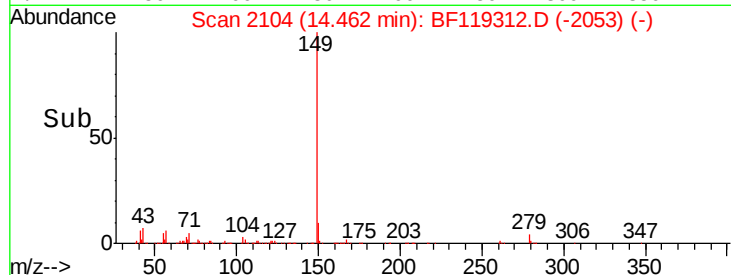
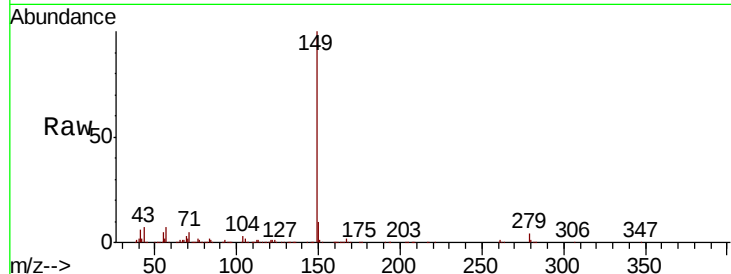
Tot Ion:149 Resp: 1029933

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.0 5.7 8.5



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.102 ng

RT: 16.73 min Scan# 2490

Delta R.T. 0.02 min

Lab File: BF119312.D

Acq: 10 Mar 2020 12:31

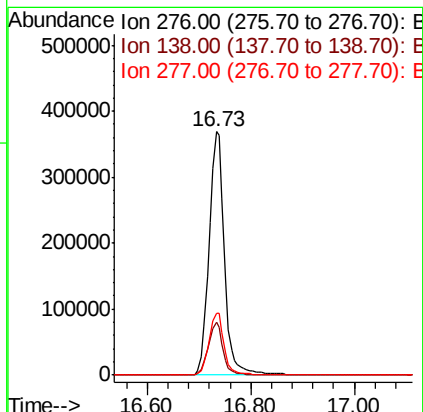
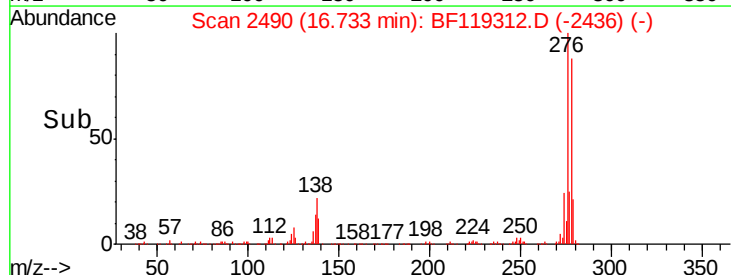
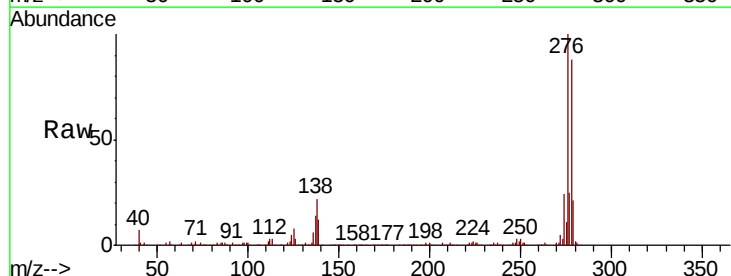
Tgt Ion:276 Resp: 769274

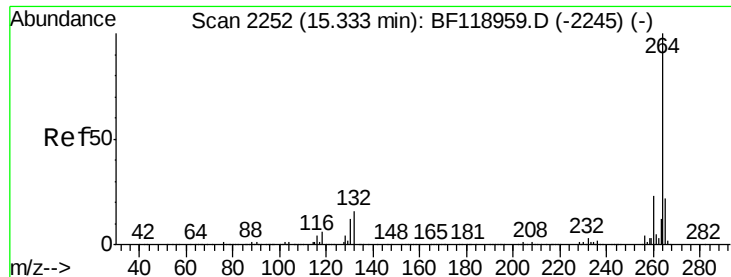
Ion Ratio Lower Upper

276 100

138 21.1 17.4 26.0

277 25.0 20.3 30.5

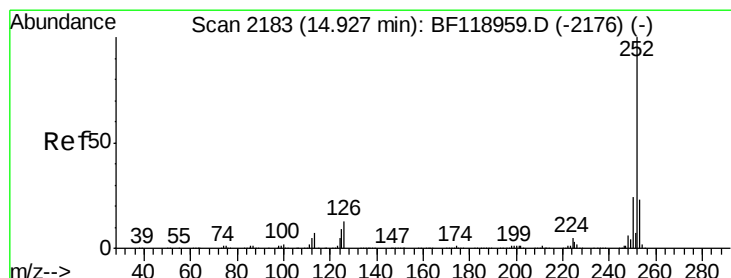
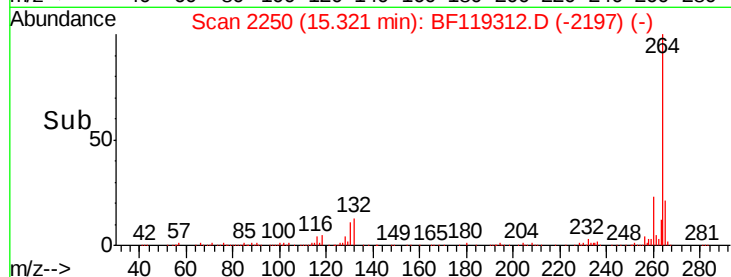
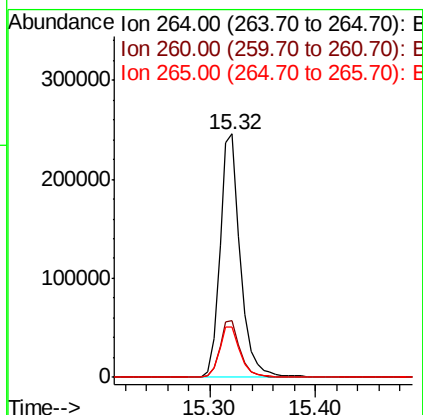
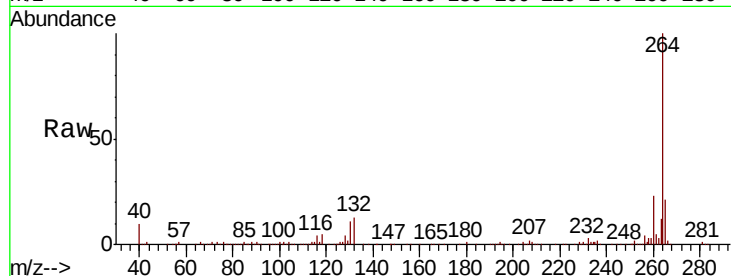




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

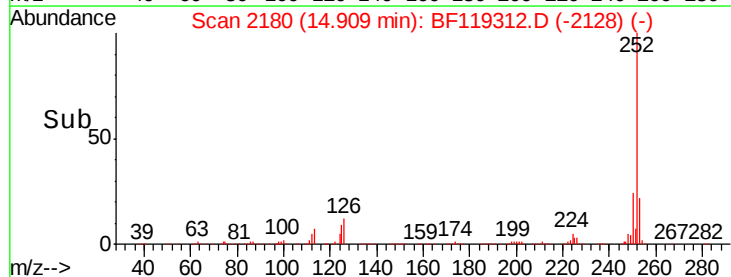
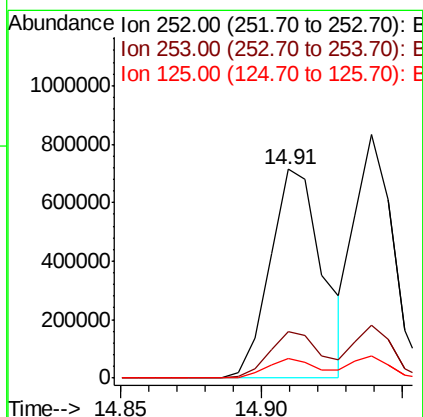
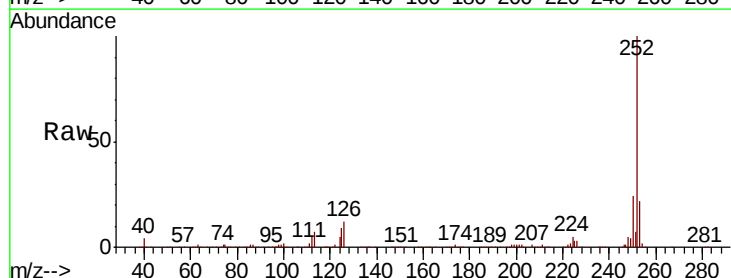
Instrument :
BNA_F
ClientSampleId :

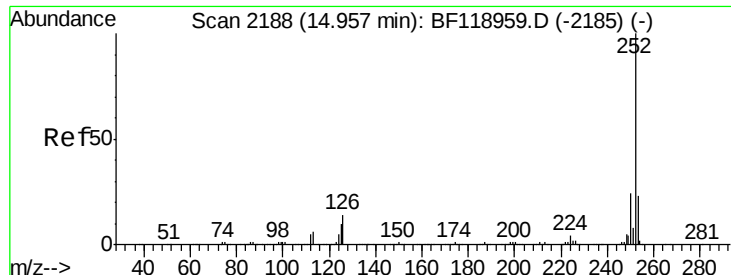
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	20.6	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 42.361 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.3	7.4	11.0

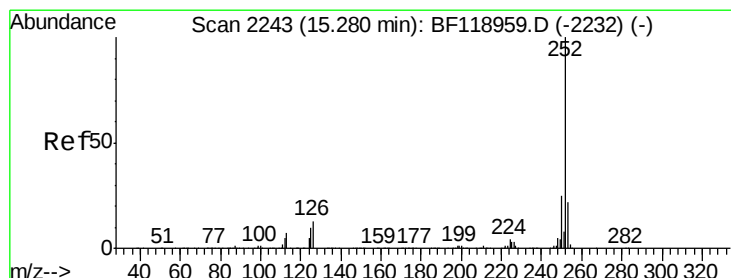
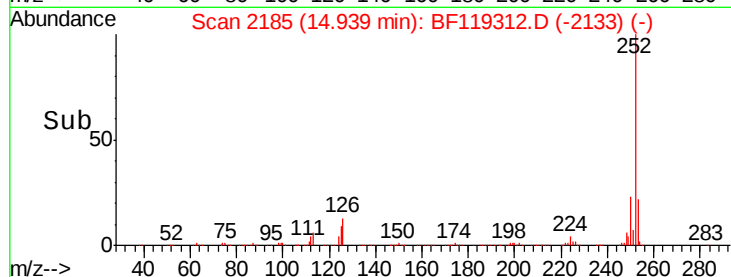
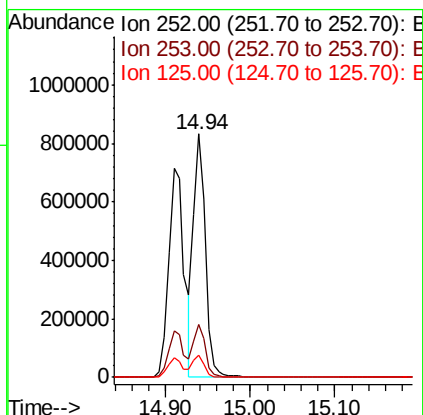
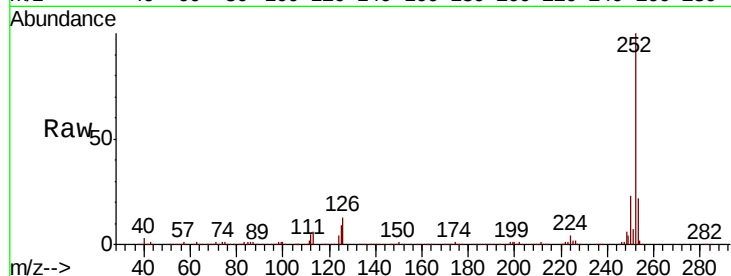




#89
Benzo(k)fluoranthene
Concen: 39.681 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

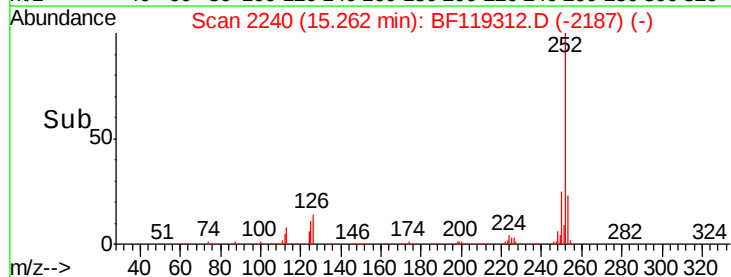
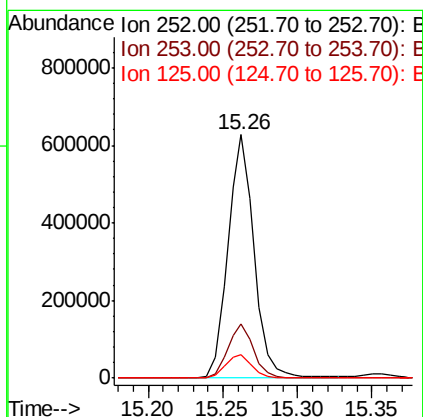
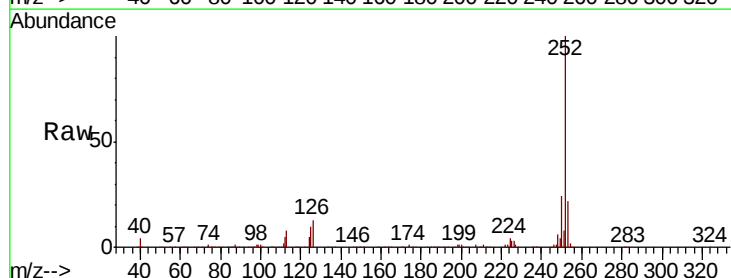
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 799526
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 9.2 7.5 11.3



#90
Benzo(a)pyrene
Concen: 39.205 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Tgt Ion:252 Resp: 769311
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 9.9 8.6 12.8

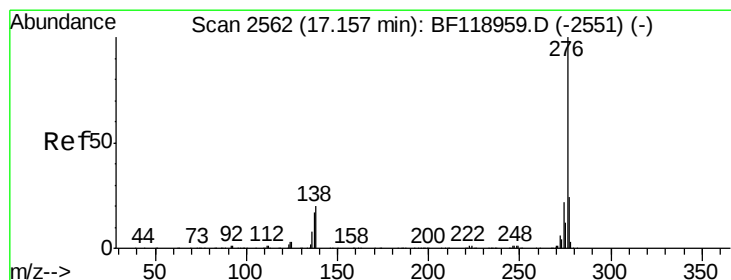
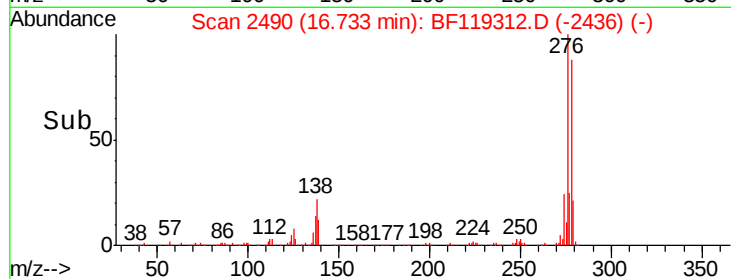
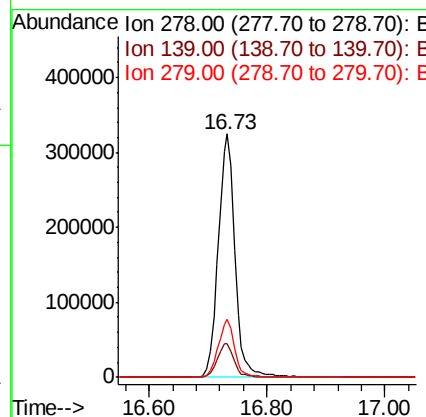
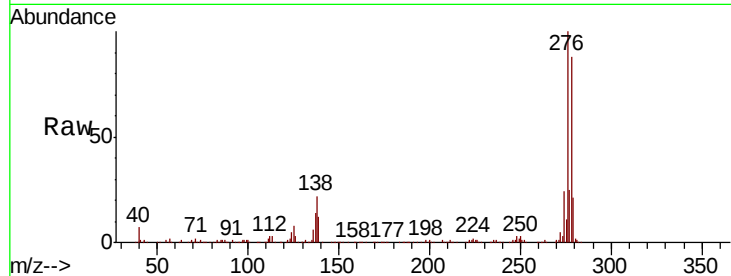




#91
Dibenzo(a,h)anthracene
Concen: 36.991 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 638668
Ion Ratio Lower Upper
278 100
139 13.9 11.0 16.4
279 24.0 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 35.115 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.02 min
Lab File: BF119312.D
Acq: 10 Mar 2020 12:31

Tgt Ion:276 Resp: 599046
Ion Ratio Lower Upper
276 100
277 24.2 18.7 28.1
138 18.1 14.3 21.5

