

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118970.D
 Acq On : 20 Feb 2020 20:44
 Operator : CG/JU
 Sample : L1546-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 02:11:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	213832	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	798592	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	424450	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	703869	20.00	ng	0.00
76) Chrysene-d12	13.90	240	443996	20.00	ng	0.00
87) Perylene-d12	15.33	264	477314	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1340955	104.80	ng	0.01
7) Phenol-d6	6.40	99	1673031	107.51	ng	0.00
23) Nitrobenzene-d5	7.32	82	1123108	74.26	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	548001	98.69	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2085460	72.38	ng	0.00
79) Terphenyl-d14	12.86	244	1915181	74.26	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.41	93	139	0.007	ng	# 1
9) Benzaldehyde	6.31	77	26597	2.558	ng	# 96
10) Phenol	6.41	94	9920	0.590	ng	# 1
11) bis(2-Chloroethyl)ether	6.41	93	139	0.011	ng	# 1
15) Benzyl Alcohol	6.92	79	20710	1.841	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	7.06	45	128	0.011	ng	# 52
17) 2-Methylphenol	6.90	107	693	0.062	ng	# 1
18) Hexachloroethane	7.30	117	217	0.037	ng	# 27
19) n-Nitroso-di-n-propylamine	7.32	70	157178	17.334	ng	# 77
20) 3+4-Methylphenols	6.90	107	693	0.051	ng	# 1
22) Acetophenone	7.17	105	907	0.049	ng	# 44
24) Nitrobenzene	7.32	77	4560	0.305	ng	# 37
25) Isophorone	7.32	82	1114515	42.430	ng	# 63
27) 2,4-Dimethylphenol	7.77	122	2474	0.230	ng	# 3
28) bis(2-Chloroethoxy)methane	8.04	93	152	0.009	ng	# 1
31) Naphthalene	8.06	128	12340	0.298	ng	# 95
32) Benzoic acid	7.85	122	107	6.692	ng	# 58
33) 4-Chloroaniline	8.06	127	1833	0.103	ng	# 33
35) Caprolactam	8.75	113	645	0.165	ng	# 26
36) 4-Chloro-3-methylphenol	8.59	107	225	0.018	ng	# 21
37) 2-Methylnaphthalene	8.75	142	31792	1.141	ng	# 97
38) 1-Methylnaphthalene	8.85	142	53768	2.051	ng	# 100
46) 1,1'-Biphenyl	9.22	154	9902	0.289	ng	# 94
47) 2-Chloronaphthalene	9.29	162	2375	0.086	ng	# 60
48) 2-Nitroaniline	9.31	65	148	0.019	ng	# 1
49) Acenaphthylene	9.65	152	26106	0.654	ng	# 87
50) Dimethylphthalate	9.50	163	107803	3.321	ng	# 99
51) 2,6-Dinitrotoluene	9.79	165	59431	8.242	ng	# 30
52) Acenaphthene	9.82	154	19562	0.813	ng	# 97
53) 3-Nitroaniline	9.77	138	120	0.015	ng	# 1
54) 2,4-Dinitrophenol	10.12	184	113	7.504	ng	# 1
55) Dibenzofuran	9.99	168	7938	0.221	ng	# 26
56) 4-Nitrophenol	9.94	139	1025	0.213	ng	# 82
57) 2,4-Dinitrotoluene	9.99	165	3292	0.352	ng	# 65

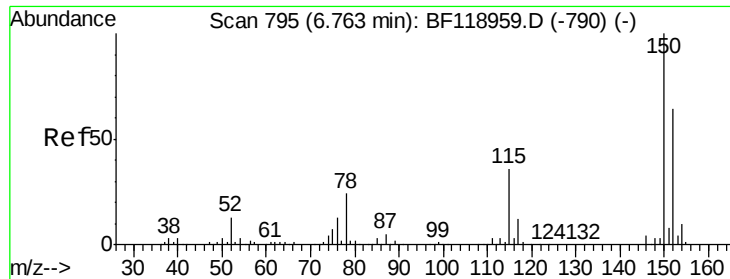
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118970.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	10.33	166	64169	2.298	nq	98
60) Diethylphthalate	10.21	149	1100	0.036	nq #	67
62) 4-Nitroaniline	10.33	138	781	0.095	nq #	18
63) Azobenzene	10.49	77	2184	0.082	nq #	1
65) 4,6-Dinitro-2-methylphenol	10.58	198	1341	0.315	nq #	1
66) n-Nitrosodiphenylamine	10.45	169	10673	0.463	nq	89
67) 4-Bromophenyl-phenylether	10.58	248	35767	3.888	nq #	1
71) Phenanthrene	11.30	178	649196	16.912	nq	99
72) Anthracene	11.34	178	81269	2.119	nq	97
73) Carbazole	11.50	167	4173	0.122	nq #	76
74) Di-n-butylphthalate	11.83	149	3789	0.092	nq #	88
75) Fluoranthene	12.48	202	310794	7.628	nq	98
77) Benzidine	12.59	184	851	0.047	nq #	1
78) Pyrene	12.71	202	476578	13.367	nq	99
80) Butylbenzylphthalate	13.33	149	2365	0.158	nq #	55
81) Benzo(a)anthracene	13.89	228	160429	5.303	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	759	0.065	nq #	1
83) Chrysene	13.93	228	175038	5.807	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	4411	0.233	nq #	87
85) Di-n-octyl phthalate	14.49	149	1070	0.035	nq #	1
86) Indeno(1,2,3-cd)pyrene	16.73	276	55438	1.899	nq	97
88) Benzo(b)fluoranthene	14.93	252	149914	4.765	nq	98
89) Benzo(k)fluoranthene	14.93	252	149914	5.142	nq	98
90) Benzo(a)pyrene	15.27	252	102339	3.604	nq	99
91) Dibenzo(a,h)anthracene	16.74	278	18700	0.748	nq #	81
92) Benzo(g,h,i)perylene	17.15	276	61165	2.478	nq	97

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

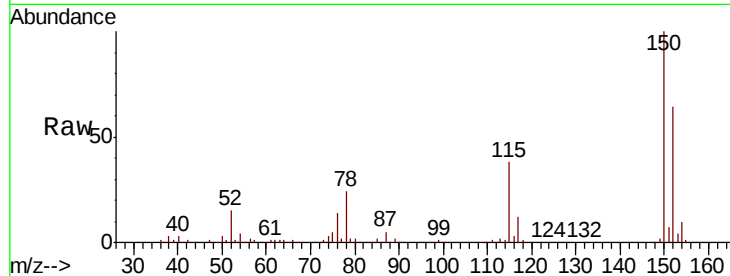


#1

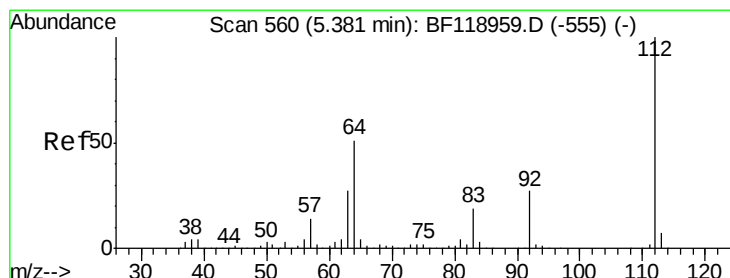
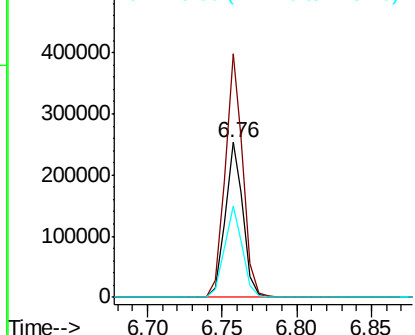
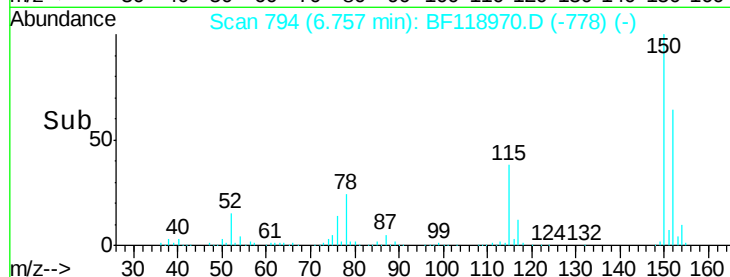
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF118970.D
 Acq: 20 Feb 2020 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 213832
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.3 186.5
 115 58.9 44.6 67.0



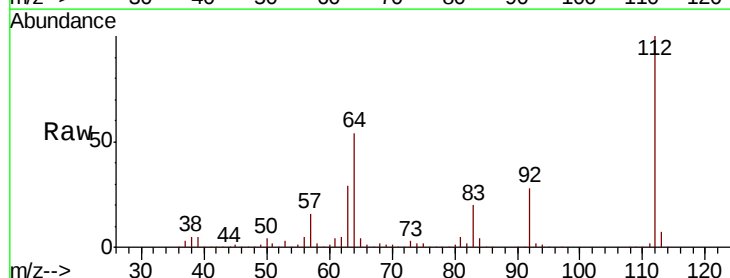
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



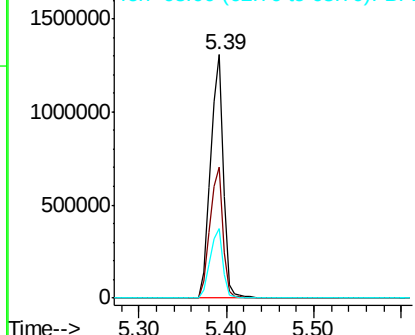
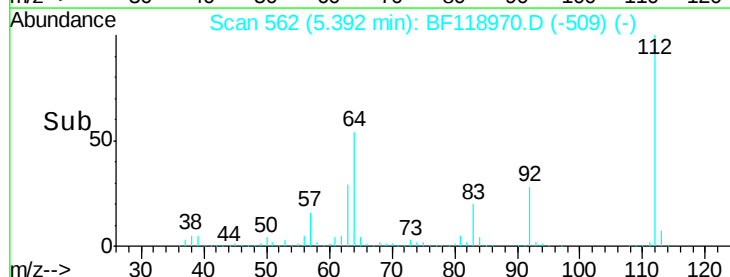
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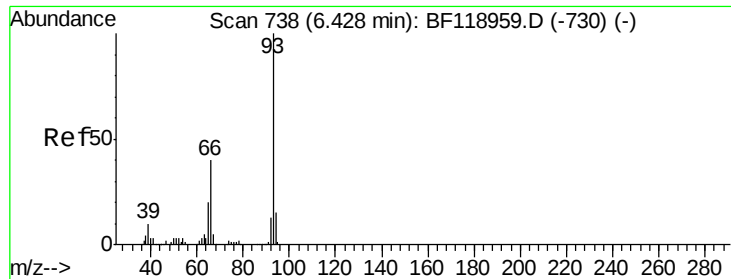
2-Fluorophenol
 Concen: 104.801 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF118970.D
 Acq: 20 Feb 2020 20:44

Tgt Ion:112 Resp: 1340955
 Ion Ratio Lower Upper
 112 100
 64 53.9 40.4 60.6
 63 28.7 21.3 31.9



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





#6

Aniline

Concen: 0.007 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

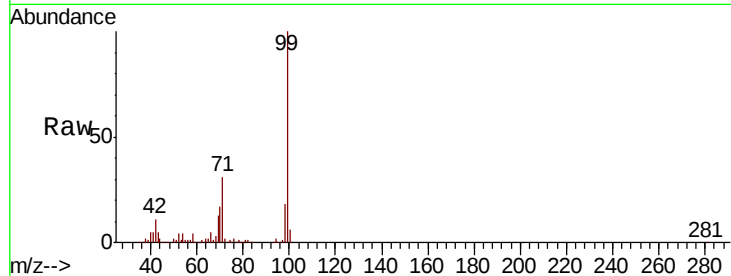
Tot Ion: 93 Resp: 139

Ion Ratio Lower Upper

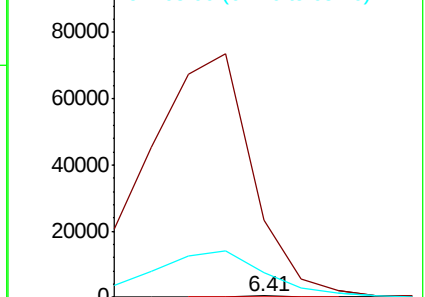
93 100

66 5974.6 32.2 48.2#

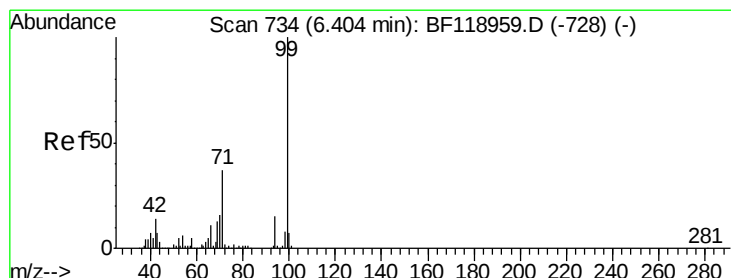
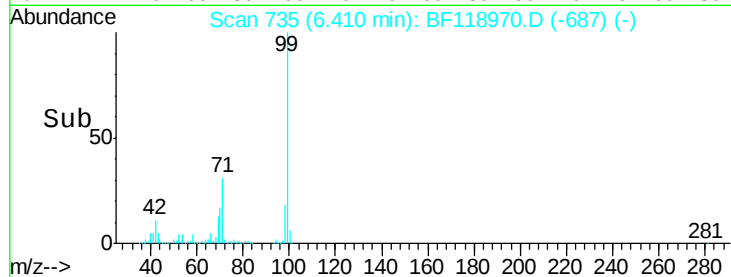
65 1933.1 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



Time-->



#7

Phenol-d6

Concen: 107.511 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

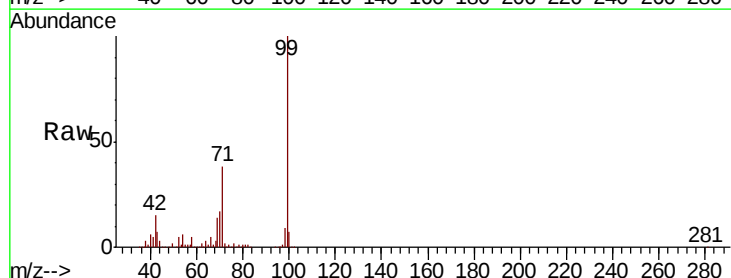
Tgt Ion: 99 Resp: 1673031

Ion Ratio Lower Upper

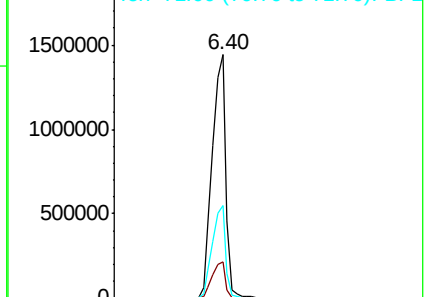
99 100

42 14.9 11.4 17.0

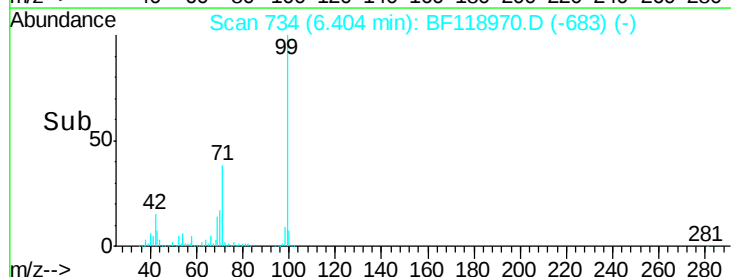
71 38.2 29.8 44.6

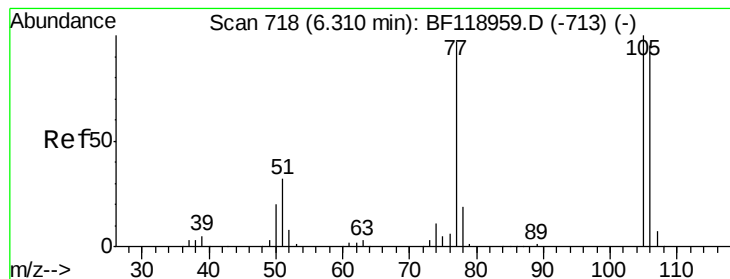


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->





#9

Benzaldehyde

Concen: 2.558 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

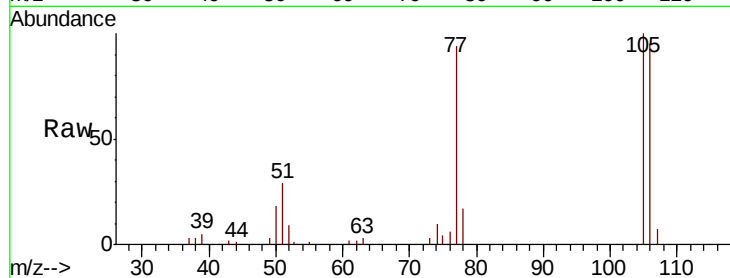
Tot Ion: 77 Resp: 26597

Ion Ratio Lower Upper

77 100

105 106.9 83.0 123.0

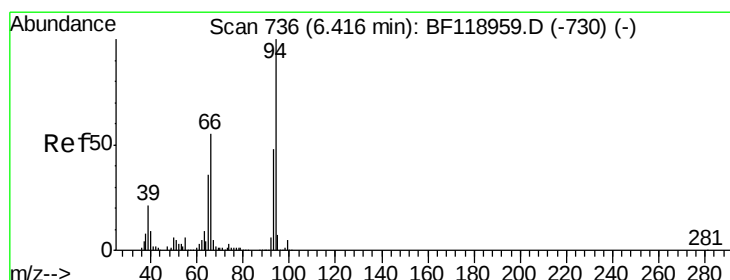
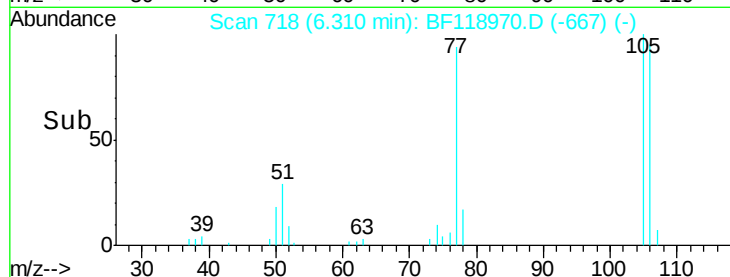
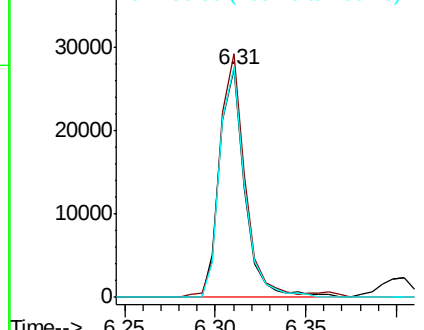
106 101.5 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 0.590 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

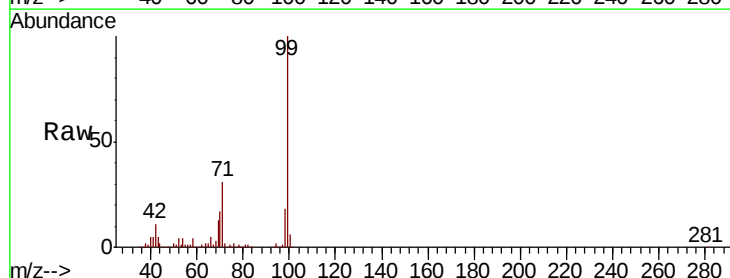
Tgt Ion: 94 Resp: 9920

Ion Ratio Lower Upper

94 100

65 72.9 15.5 55.5#

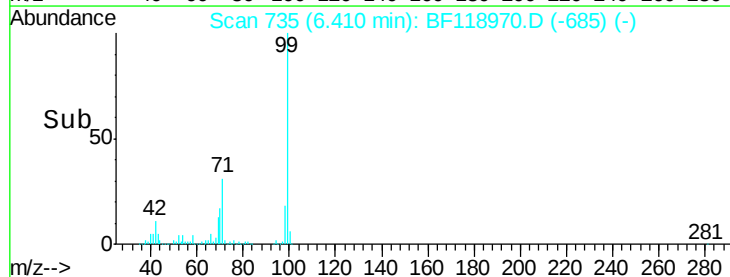
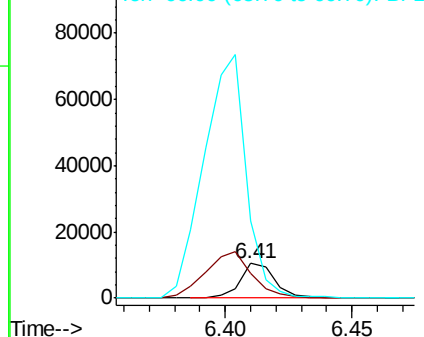
66 225.2 35.6 75.6#

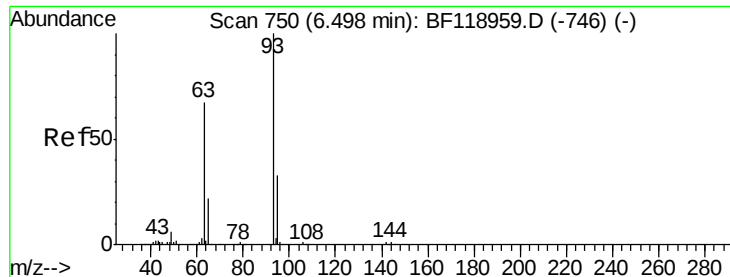


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

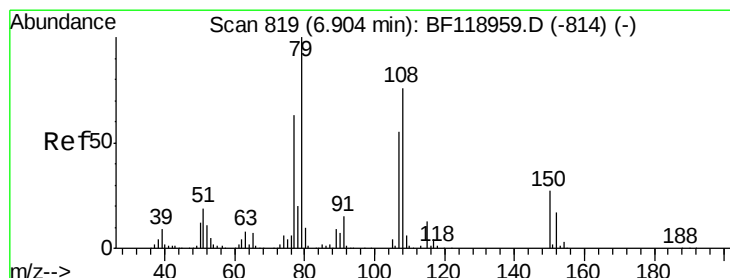
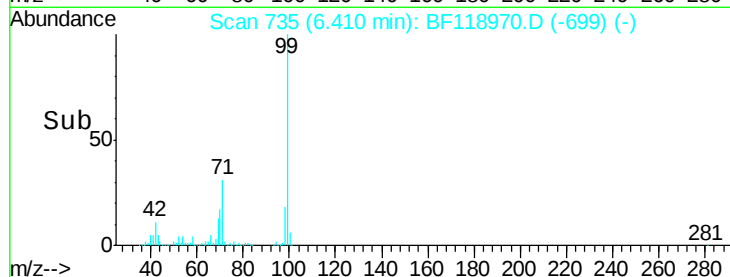
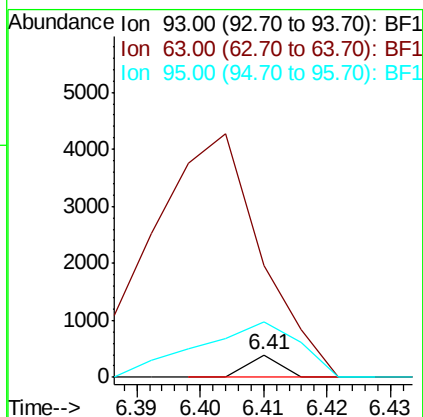
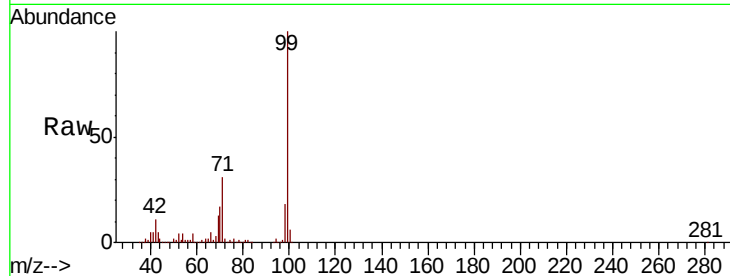




#11
bis(2-Chloroethyl)ether
Concen: 0.011 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.09 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

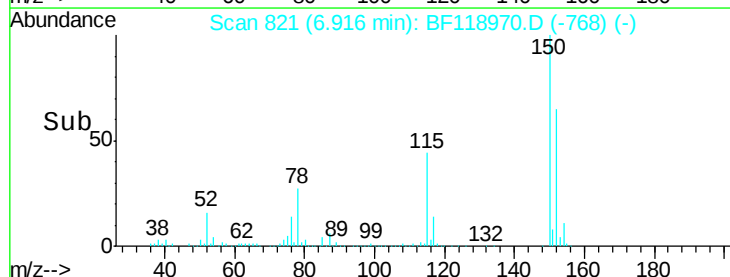
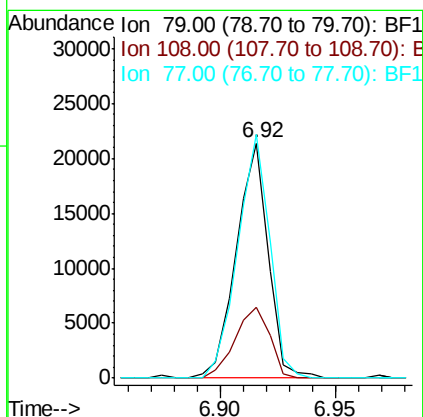
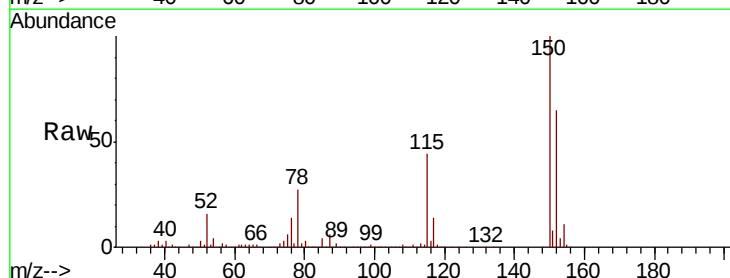
Instrument :
BNA_F
ClientSampled :

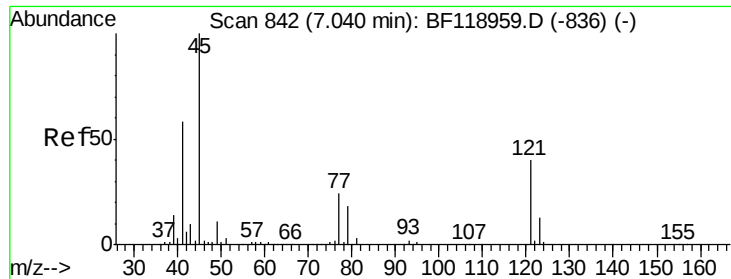
Tot Ion: 93 Resp: 139
Ion Ratio Lower Upper
93 100
63 496.9 46.8 86.8#
95 249.6 12.7 52.7#



#15
Benzyl Alcohol
Concen: 1.841 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

Tgt Ion: 79 Resp: 20710
Ion Ratio Lower Upper
79 100
108 30.1 61.1 91.7#
77 103.5 50.2 75.2#

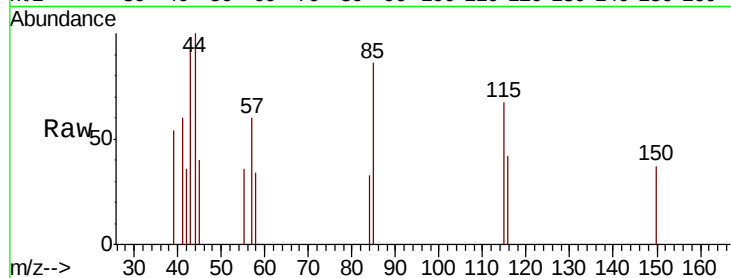




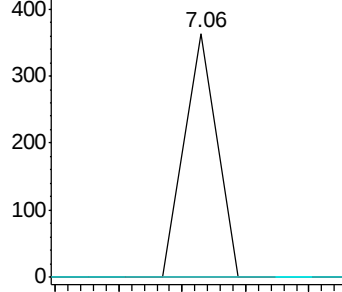
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.011 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.02 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

Instrument :
BNA_F
ClientSampleId :

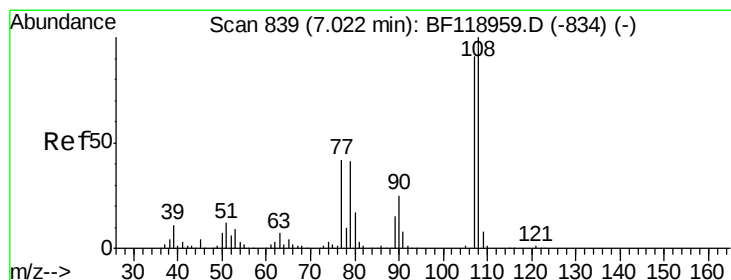
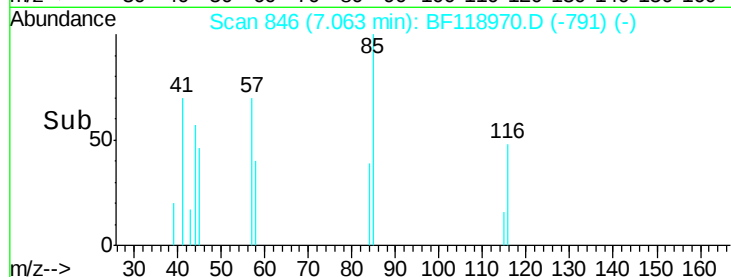
Tot Ion: 45 Resp: 128
Ion Ratio Lower Upper
45 100
77 0.0 6.1 46.1#
79 0.0 0.5 40.5#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

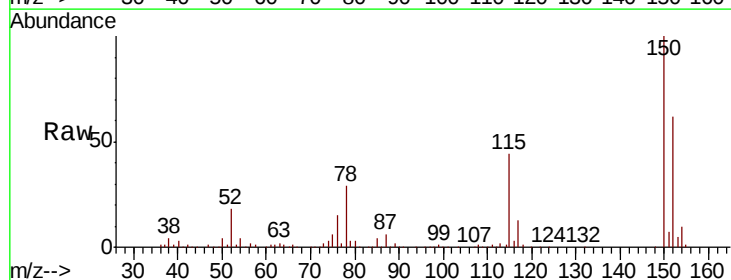


Time-->

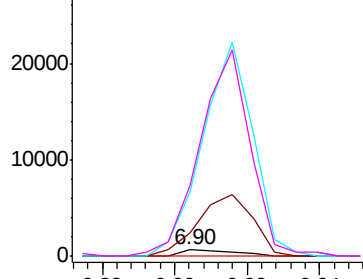


#17
2-Methylphenol
Concen: 0.062 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.12 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

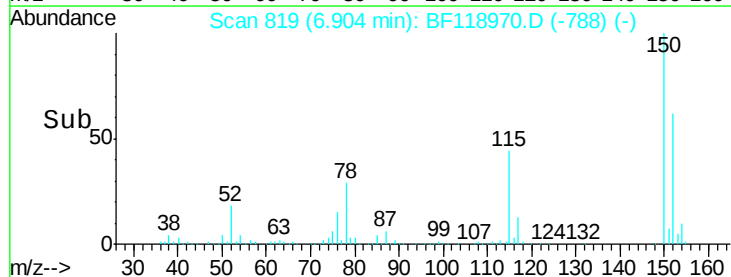
Tgt Ion:107 Resp: 693
Ion Ratio Lower Upper
107 100
108 368.4 87.7 131.5#
77 1035.9 36.8 55.2#
79 1144.6 36.4 54.6#

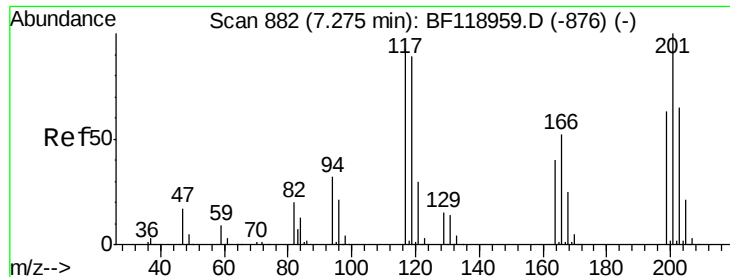


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



Time-->

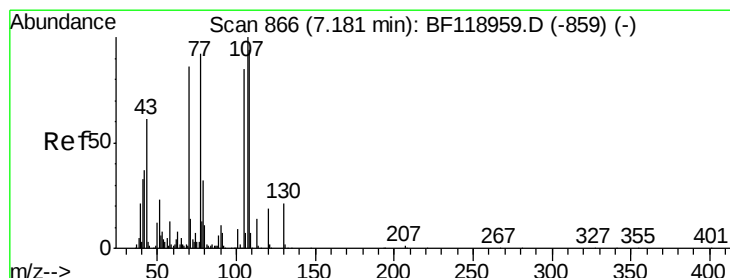
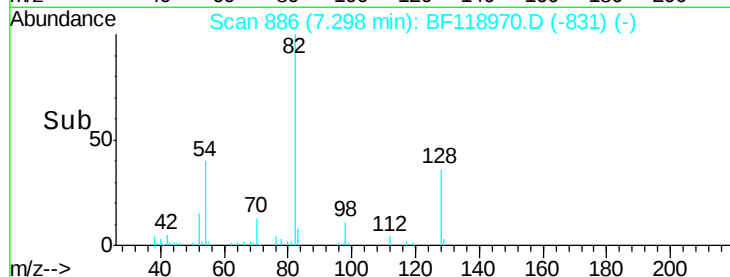
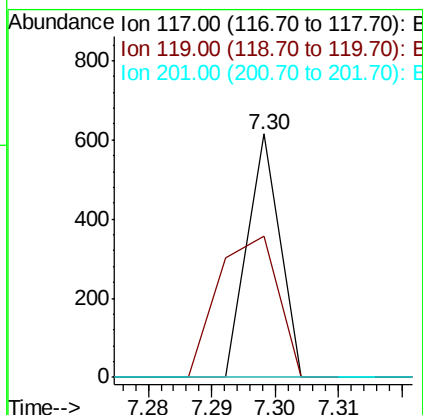
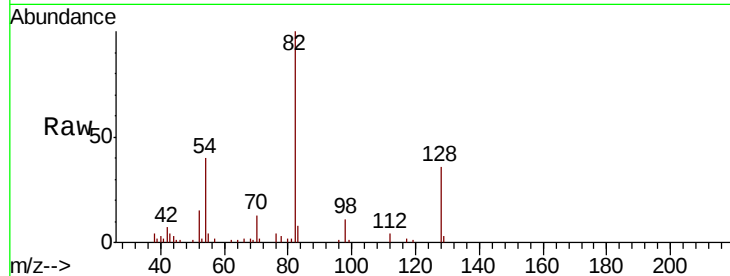




#18
Hexachloroethane
Concen: 0.037 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.02 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

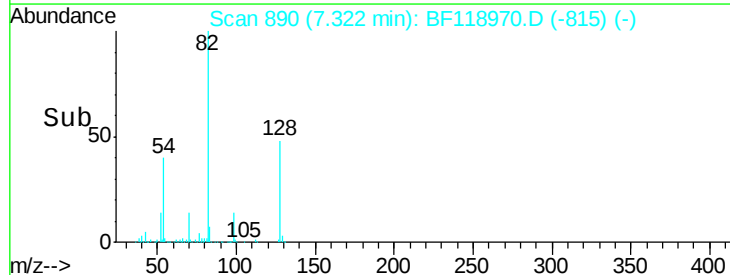
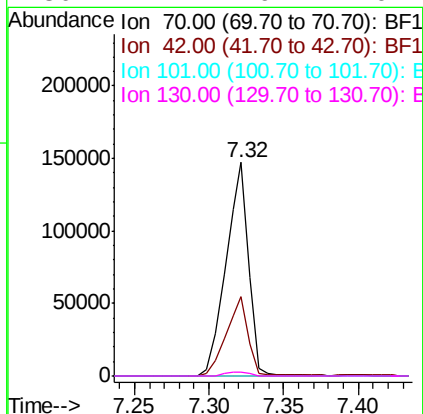
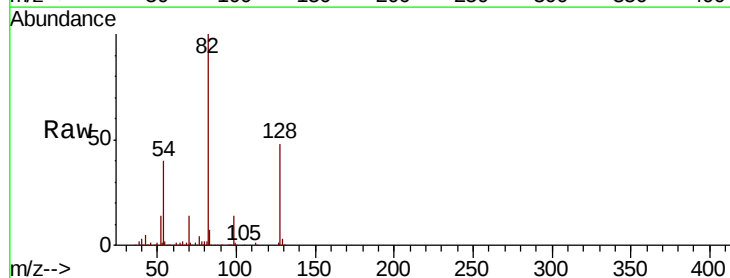
Instrument :
BNA_F
ClientSampleId :

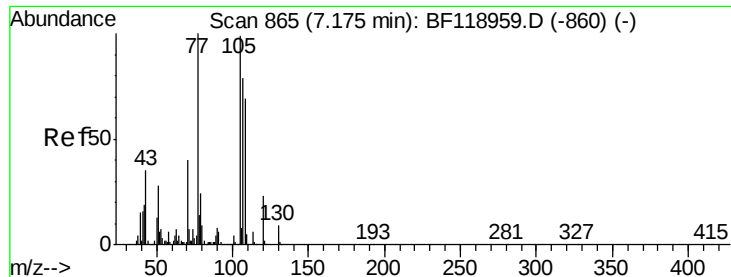
Tot Ion:117 Resp: 217
Ion Ratio Lower Upper
117 100
119 58.0 77.0 115.6#
201 0.0 86.4 129.6#



#19
n-Nitroso-di-n-propylamine
Concen: 17.334 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

Tgt Ion: 70 Resp: 157178
Ion Ratio Lower Upper
70 100
42 37.4 34.6 51.8
101 0.0 8.1 12.1#
130 2.1 19.4 29.2#





#20

3+4-Methylphenols

Concen: 0.051 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.27 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

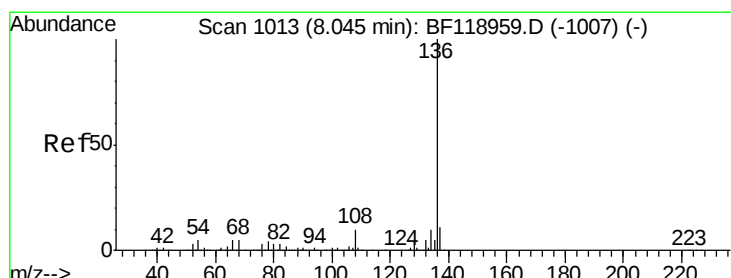
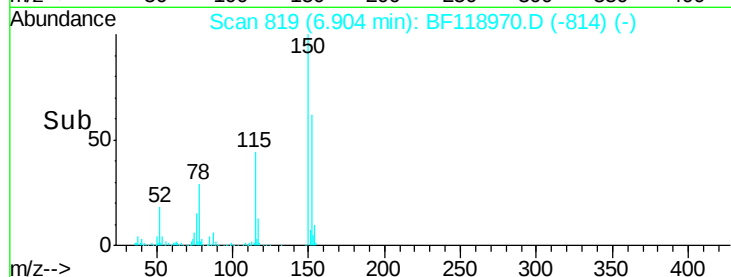
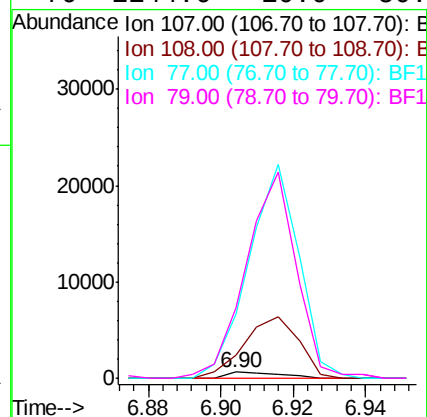
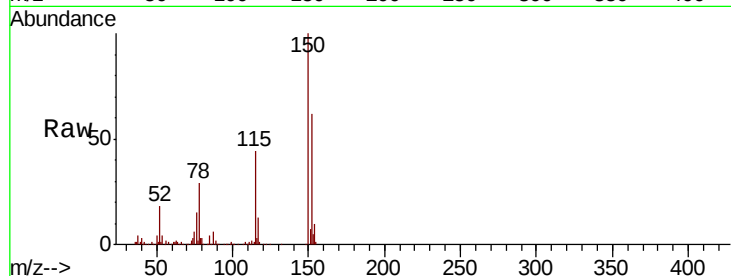
Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 693

Ion	Ratio	Lower	Upper
107	100		
108	368.4	67.0	107.0#
77	1035.9	106.2	146.2#
79	1144.6	10.0	50.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

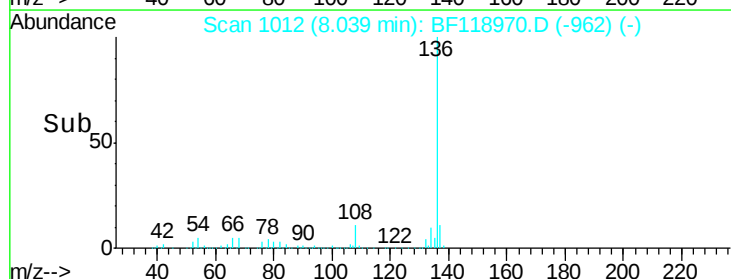
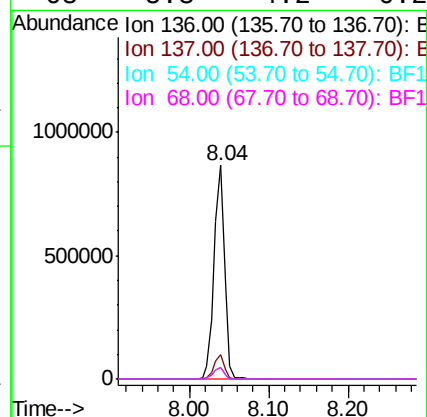
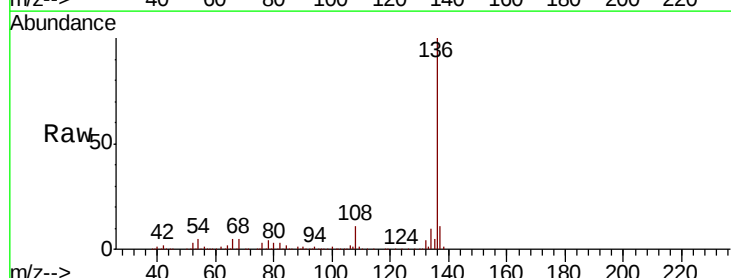
Delta R.T. -0.01 min

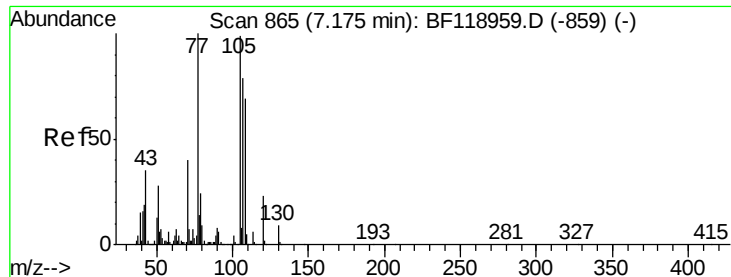
Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Tgt Ion:136 Resp: 798592

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.2	3.8	5.6
68	5.3	4.2	6.2

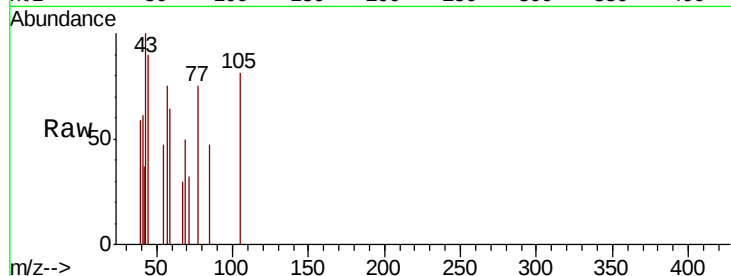




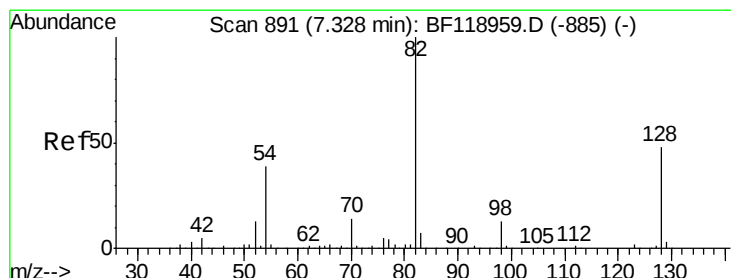
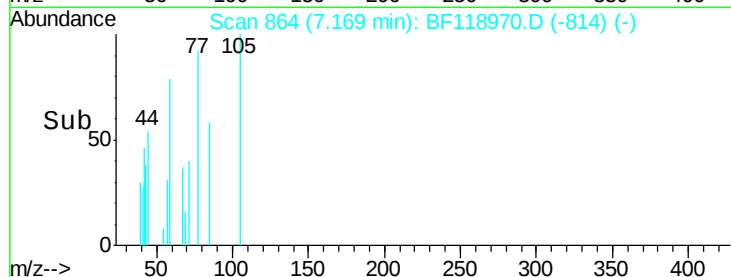
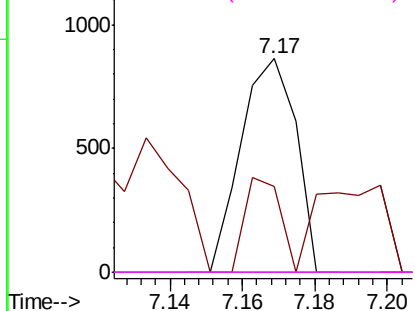
#22
Acetophenone
Concen: 0.049 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:105 Resp: 907
Ion Ratio Lower Upper
105 100
71 40.0 5.4 8.0#
51 0.0 22.5 33.7#
120 0.0 18.4 27.6#

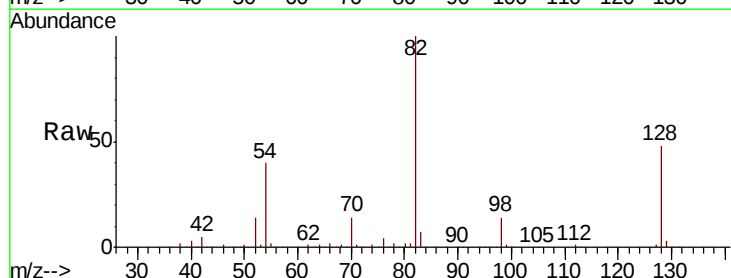


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

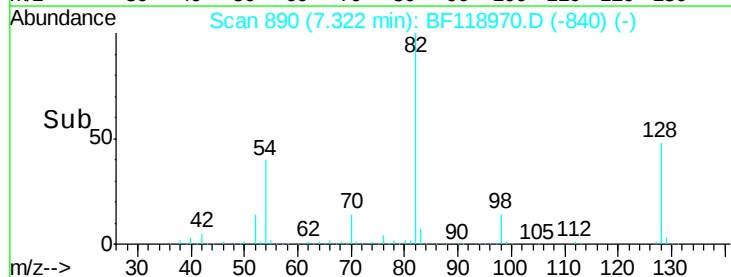
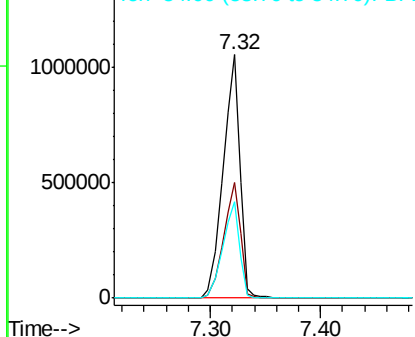


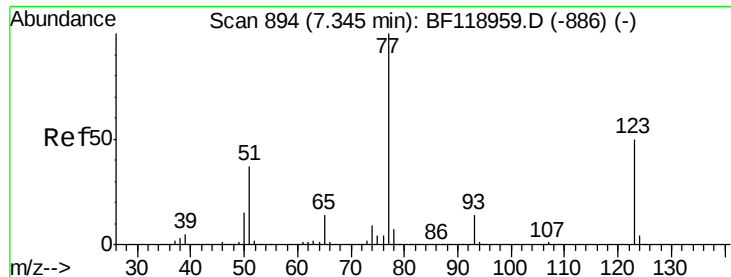
#23
Nitrobenzene-d5
Concen: 74.256 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

Tgt Ion: 82 Resp: 1123108
Ion Ratio Lower Upper
82 100
128 47.7 38.2 57.2
54 39.6 31.3 46.9



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





#24

Nitrobenzene

Concen: 0.305 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Instrument :

BNA_F

ClientSampled :

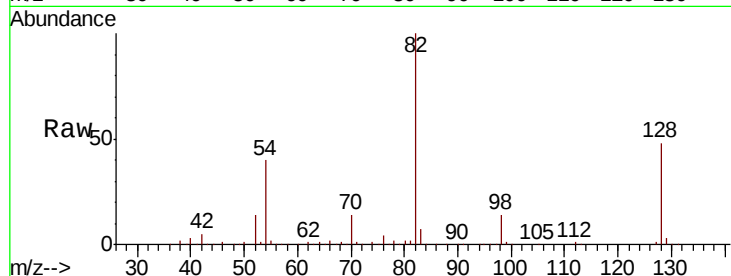
Tot Ion: 77 Resp: 4560

Ion Ratio Lower Upper

77 100

123 0.0 40.1 60.1#

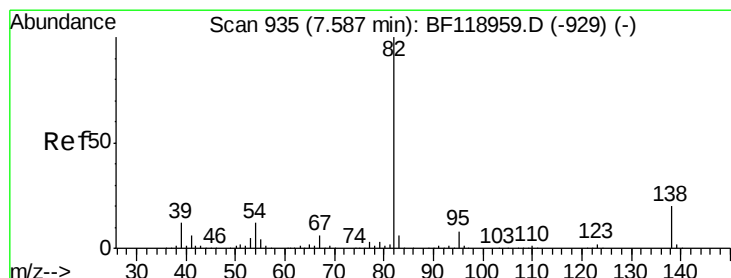
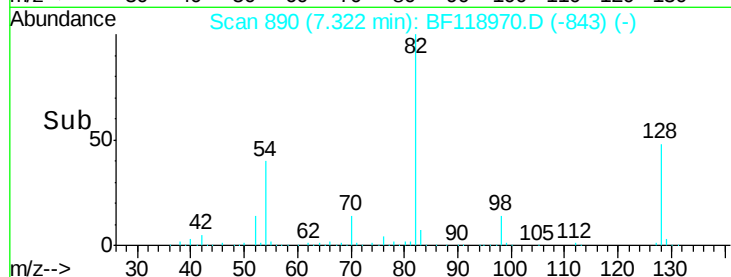
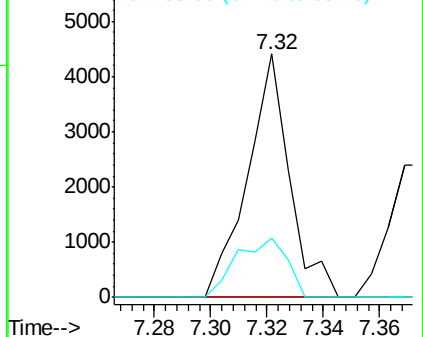
65 24.5 10.9 16.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 42.430 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.26 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

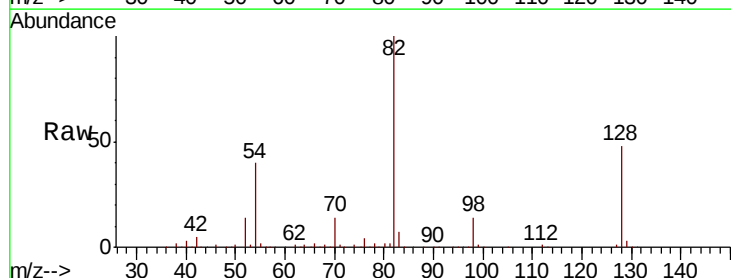
Tgt Ion: 82 Resp: 1114515

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

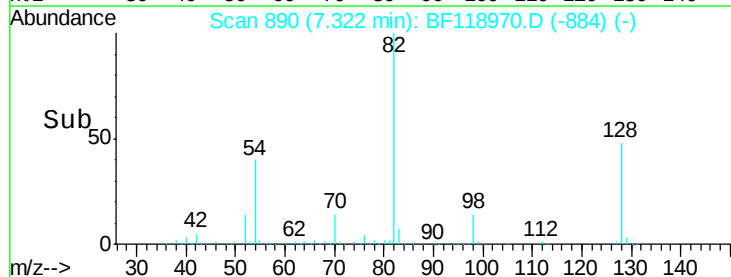
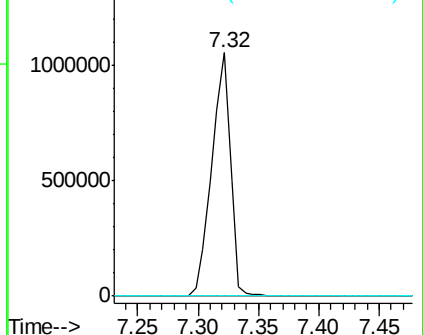
138 0.0 15.8 23.6#

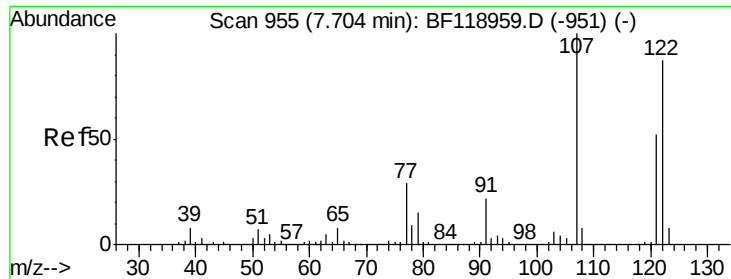


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

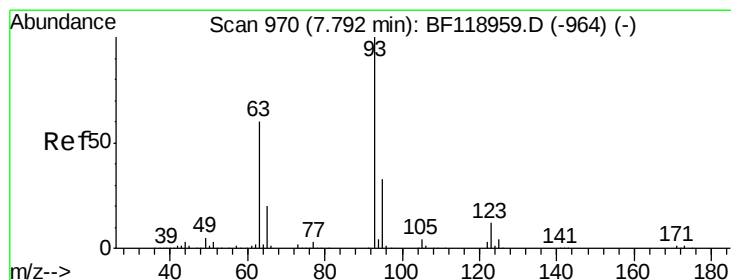
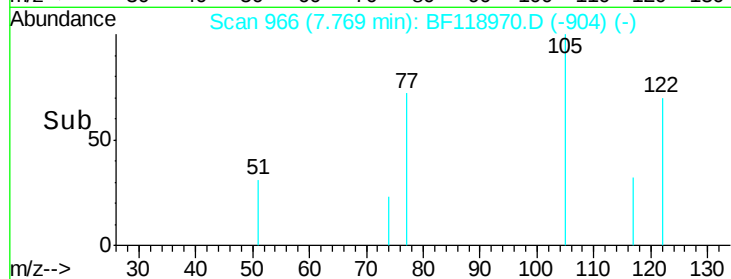
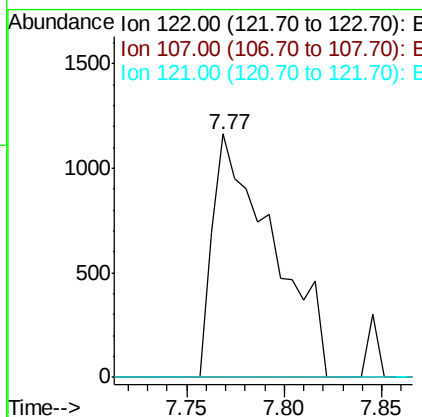
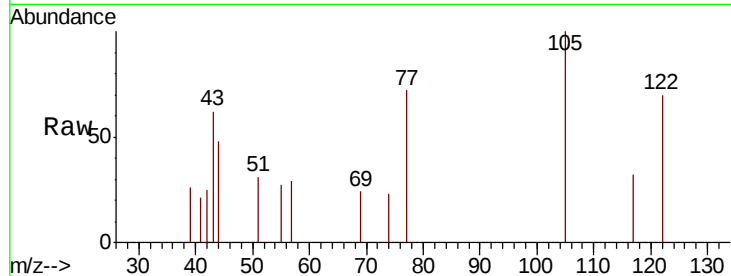




#27
 2,4-Dimethylphenol
 Concen: 0.230 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.06 min
 Lab File: BF118970.D
 Acq: 20 Feb 2020 20:44

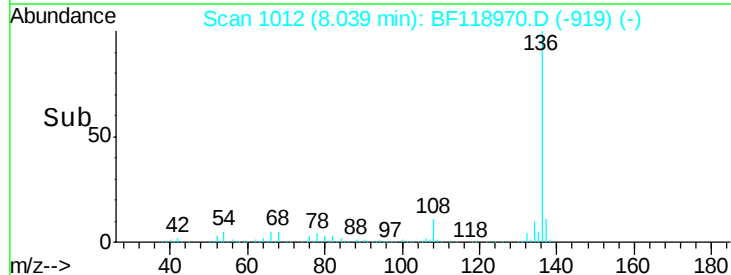
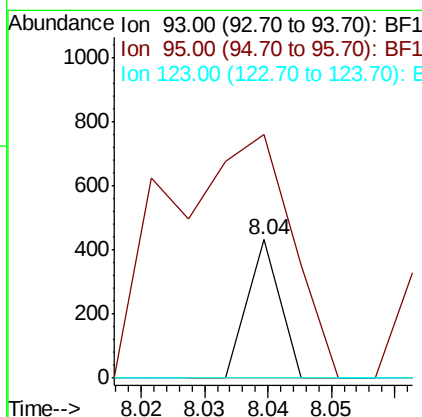
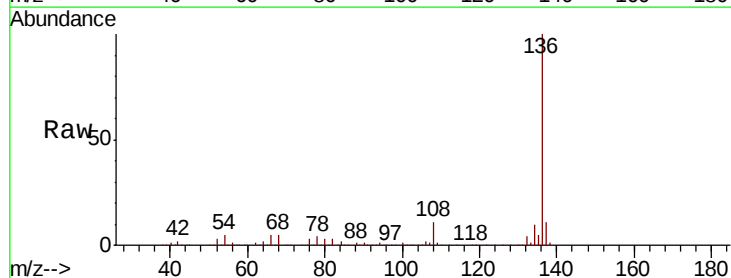
Instrument :
 BNA_F
 ClientSampleId :

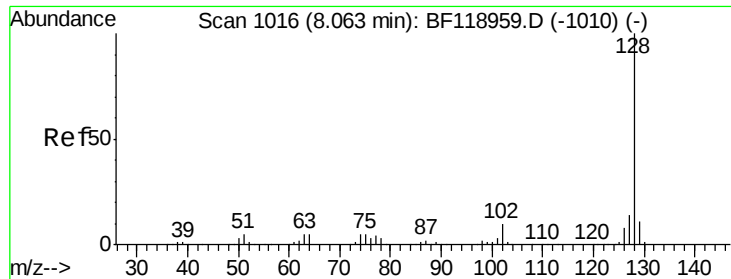
Tot Ion:122 Resp: 2474
 Ion Ratio Lower Upper
 122 100
 107 0.0 91.8 137.8#
 121 0.0 47.4 71.0#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.009 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.25 min
 Lab File: BF118970.D
 Acq: 20 Feb 2020 20:44

Tgt Ion: 93 Resp: 152
 Ion Ratio Lower Upper
 93 100
 95 176.3 26.3 39.5#
 123 0.0 9.8 14.8#

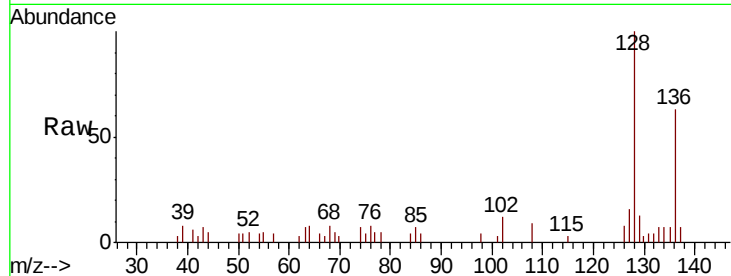




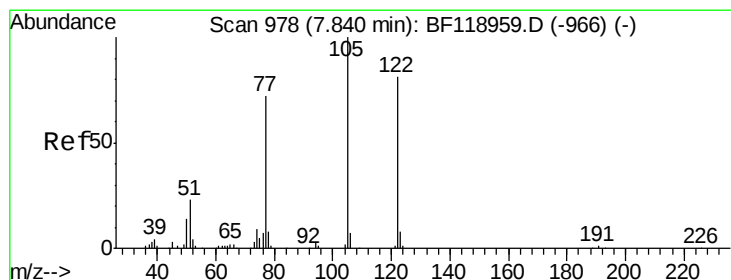
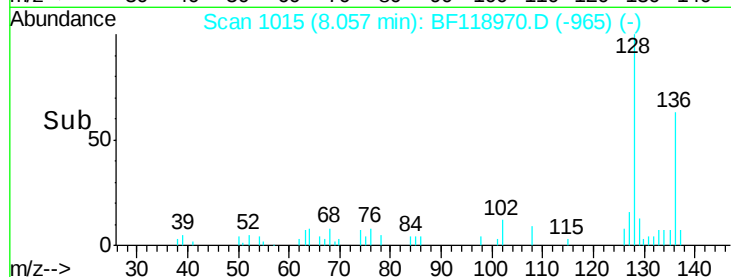
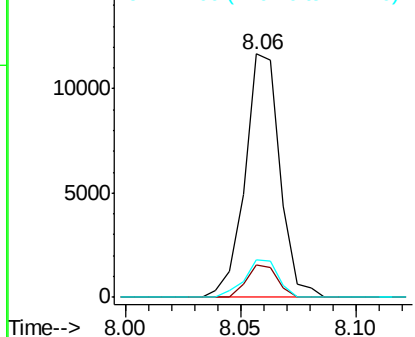
#31
Naphthalene
Concen: 0.298 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 12340
Ion Ratio Lower Upper
128 100
129 13.2 9.0 13.4
127 15.6 10.9 16.3

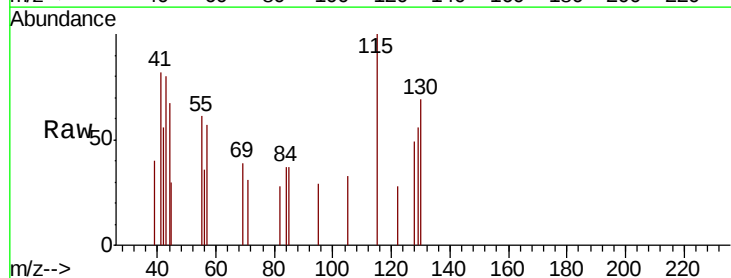


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

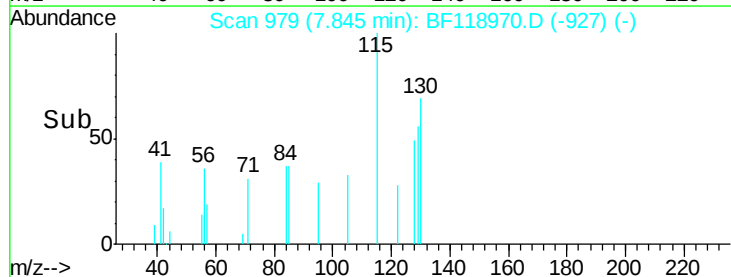
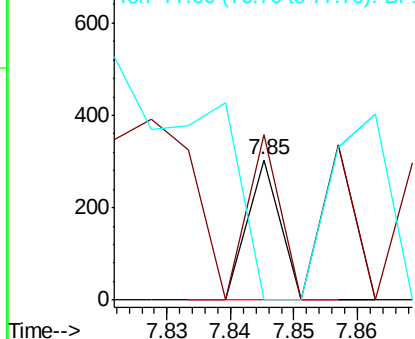


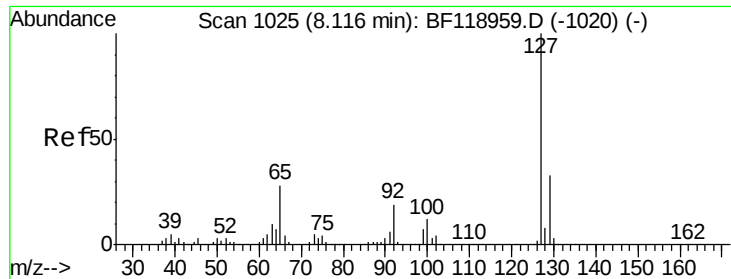
#32
Benzoic acid
Concen: 6.692 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

Tgt Ion:122 Resp: 107
Ion Ratio Lower Upper
122 100
105 117.8 102.2 142.2
77 0.0 68.6 108.6#



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

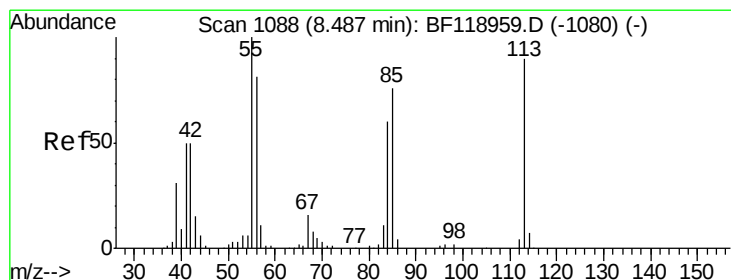
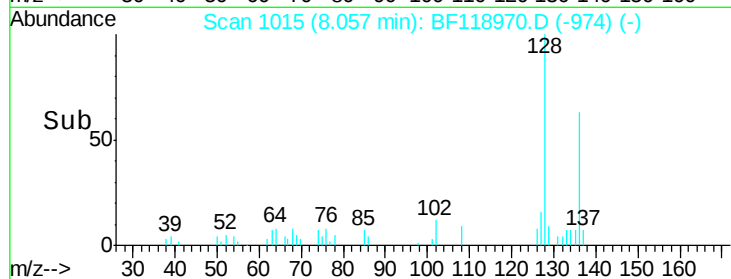
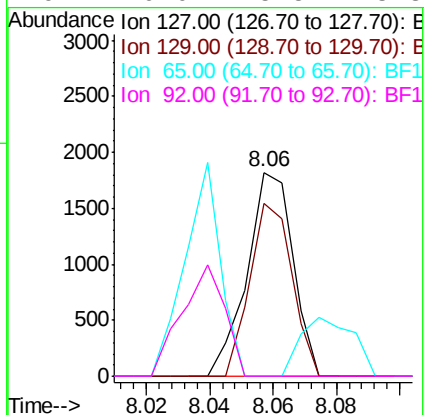
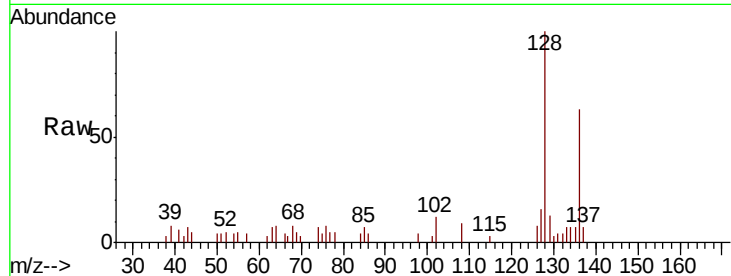




#33
4-Chloroaniline
Concen: 0.103 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.06 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

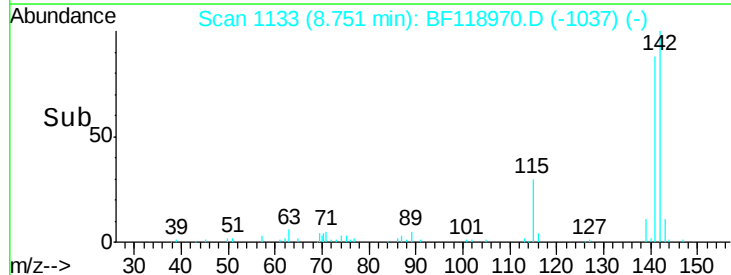
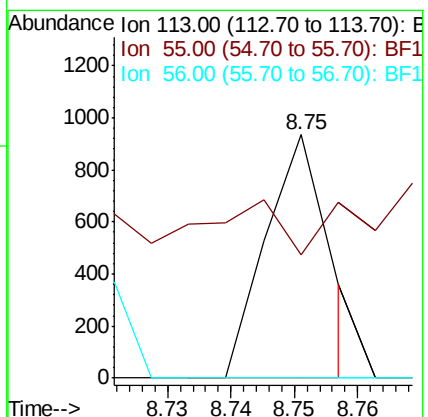
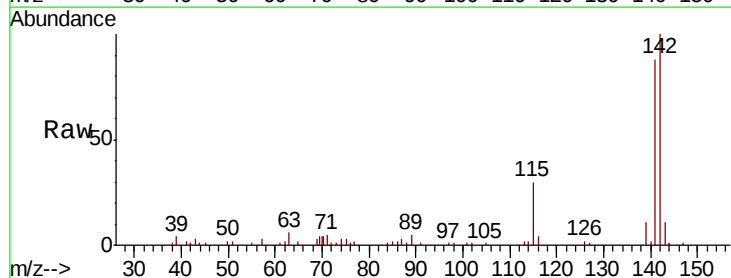
Instrument :
BNA_F
ClientSampleId :

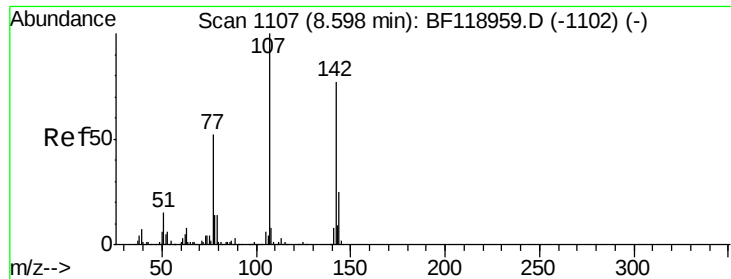
Tot Ion:127	Resp:	1833
Ion Ratio	Lower	Upper
127	100	
129	84.8	26.2 39.2#
65	0.0	22.0 33.0#
92	0.0	15.5 23.3#



#35
Caprolactam
Concen: 0.165 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.26 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

Tgt Ion:113	Resp:	645
Ion Ratio	Lower	Upper
113	100	
55	50.5	90.8 130.8#
56	0.0	70.0 110.0#

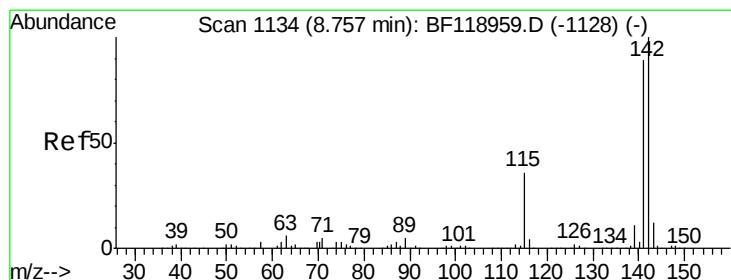
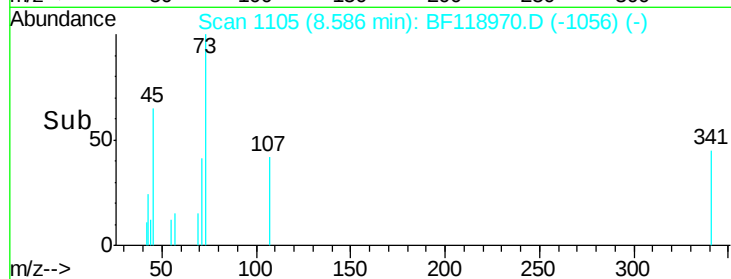
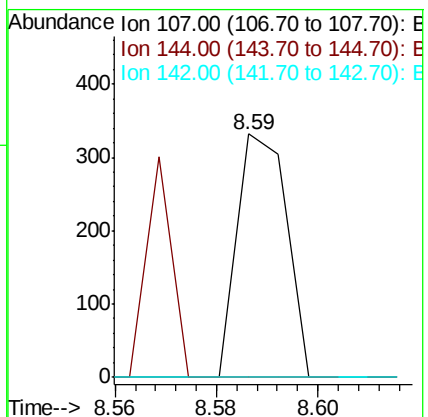
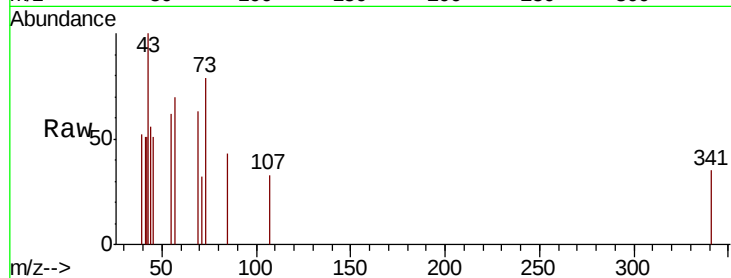




#36
4-Chloro-3-methylphenol
Concen: 0.018 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

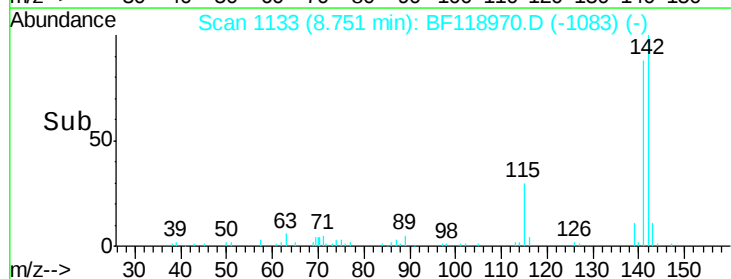
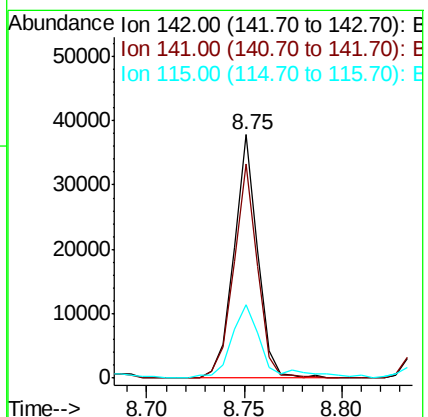
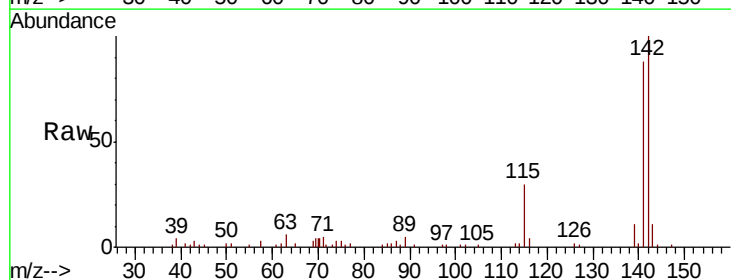
Instrument :
BNA_F
ClientSampleId :

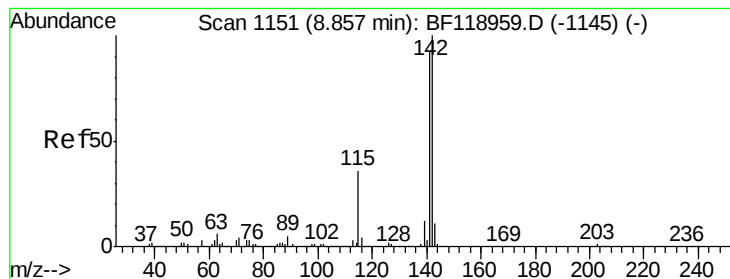
Tot Ion:107 Resp: 225
Ion Ratio Lower Upper
107 100
144 0.0 19.8 29.8#
142 0.0 61.3 91.9#



#37
2-Methylnaphthalene
Concen: 1.141 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

Tgt Ion:142 Resp: 31792
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.4
115 30.4 28.6 42.8





#38

1-Methylnaphthalene

Concen: 2.051 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

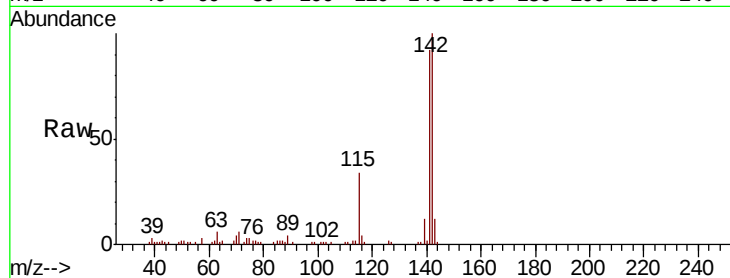
Tot Ion:142 Resp: 53768

Ion Ratio Lower Upper

142 100

141 91.8 73.7 110.5

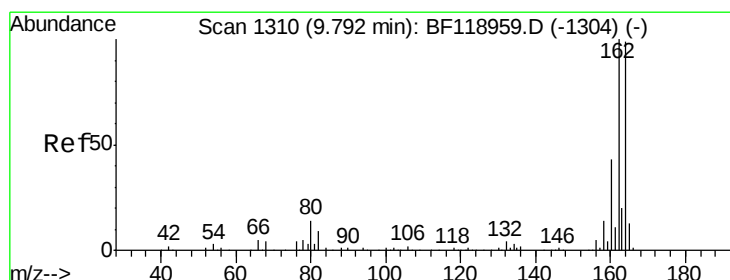
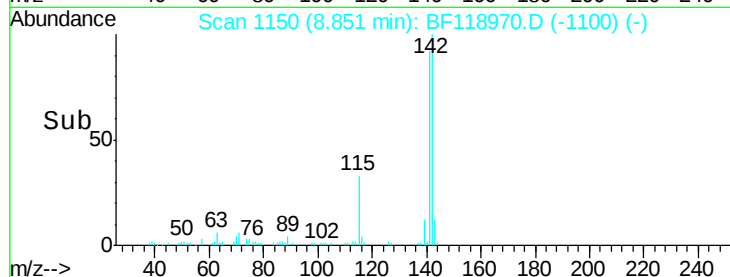
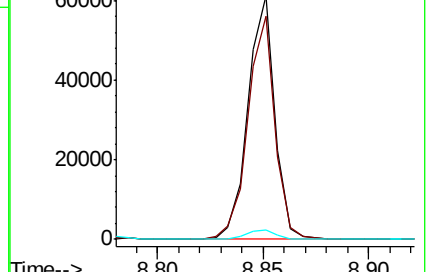
116 4.1 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

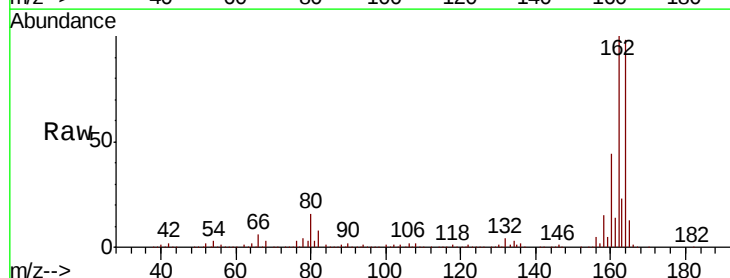
Tgt Ion:164 Resp: 424450

Ion Ratio Lower Upper

164 100

162 102.2 81.2 121.8

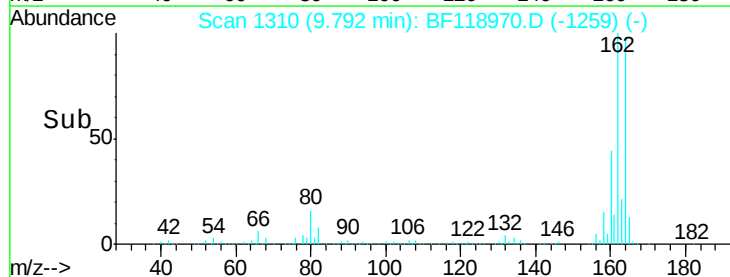
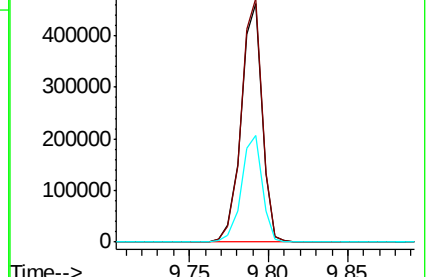
160 44.9 35.2 52.8

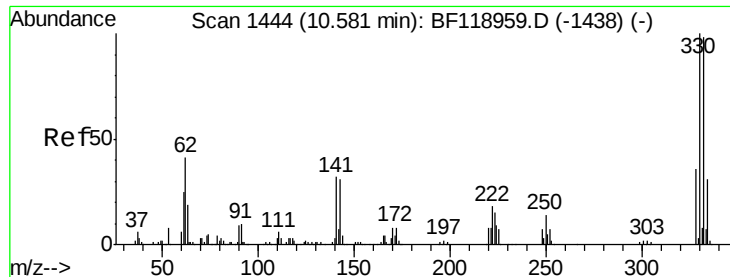


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

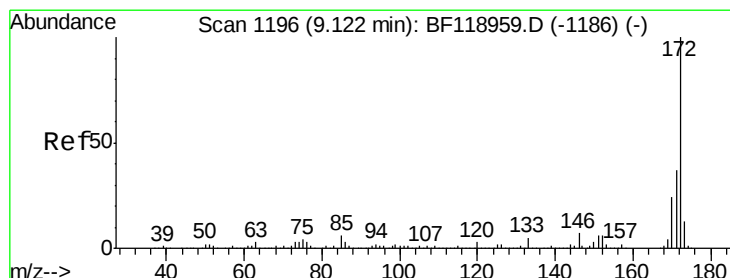
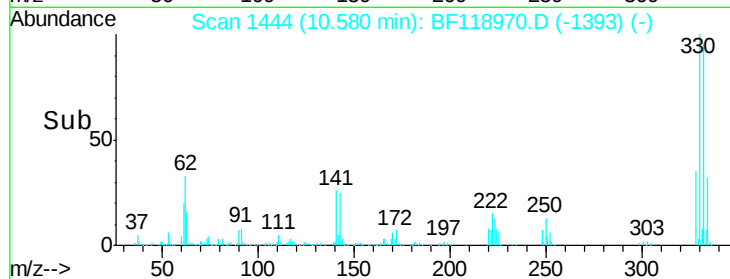
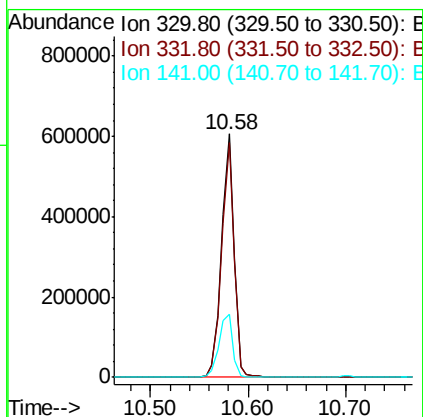
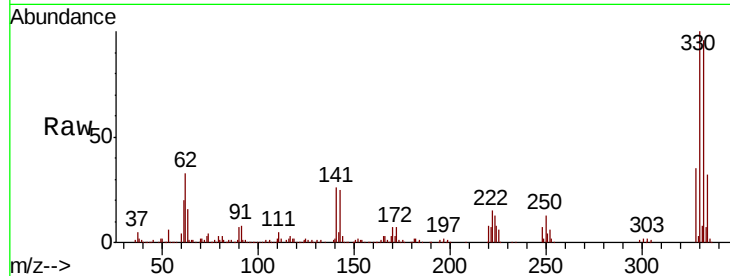




#42
 2,4,6-Tribromophenol
 Concen: 98.694 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF118970.D
 Acq: 20 Feb 2020 20:44

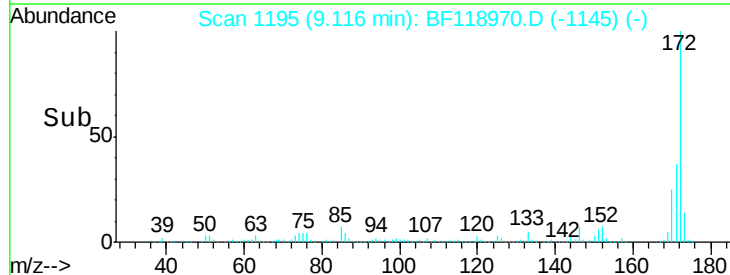
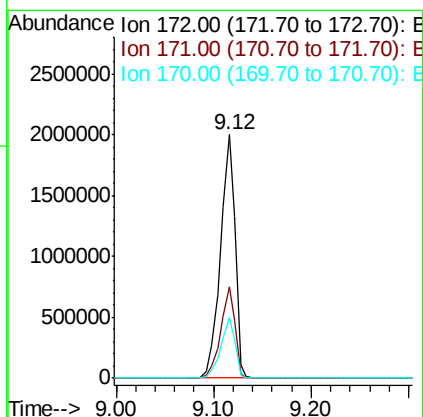
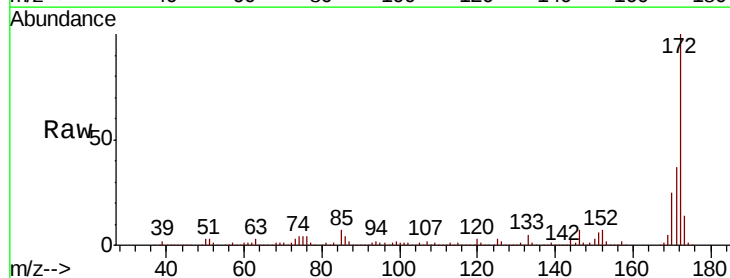
Instrument :
 BNA_F
 ClientSampleId :

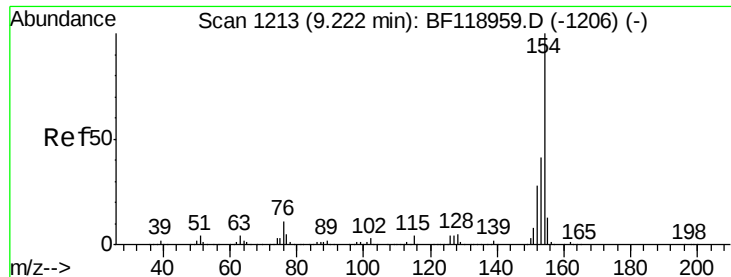
Tot Ion:330 Resp: 548001
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 28.5 23.0 34.6



#45
 2-Fluorobiphenyl
 Concen: 72.382 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF118970.D
 Acq: 20 Feb 2020 20:44

Tgt Ion:172 Resp: 2085460
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.4 44.2
 170 25.0 19.6 29.4

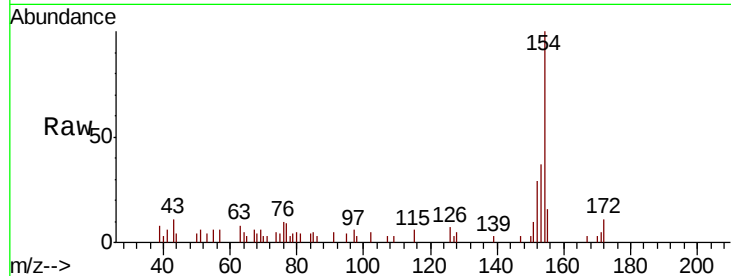




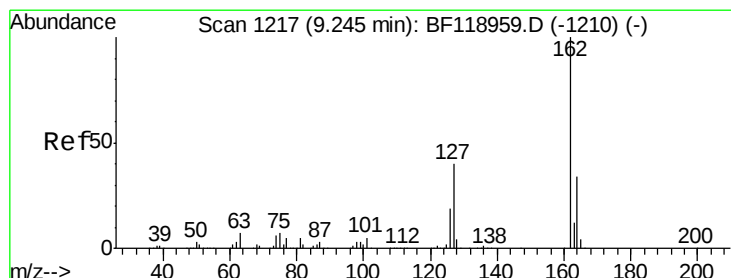
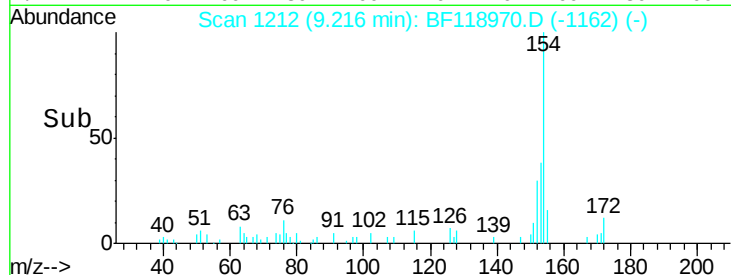
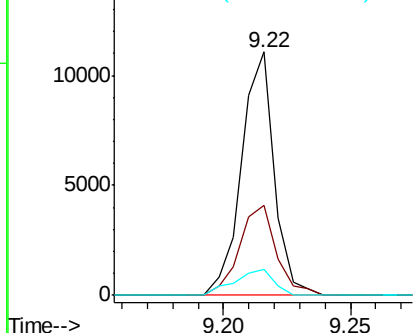
#46
 1,1'-Biphenyl
 Concen: 0.289 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118970.D
 Acq: 20 Feb 2020 20:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 9902
 Ion Ratio Lower Upper
 154 100
 153 37.0 21.2 61.2
 76 10.5 0.0 31.1

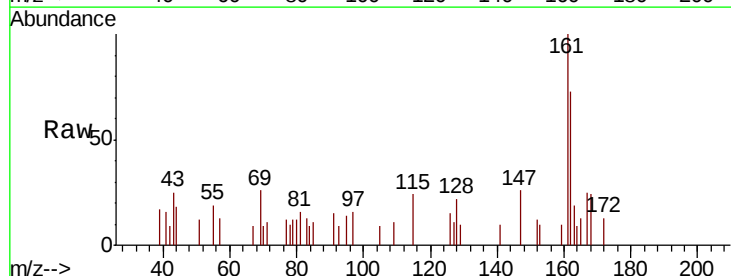


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

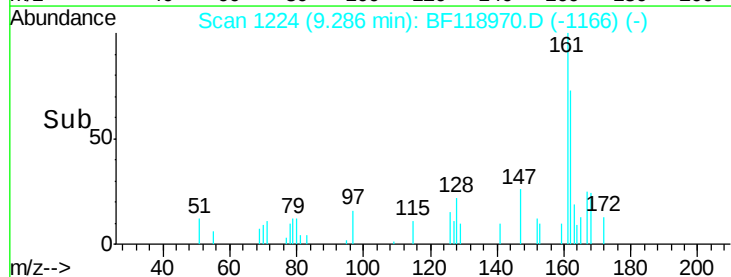
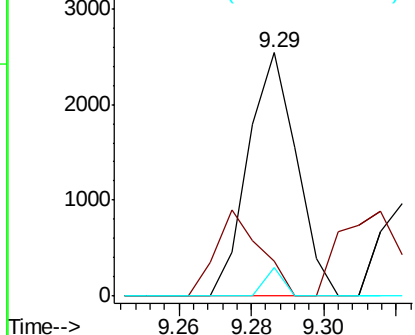


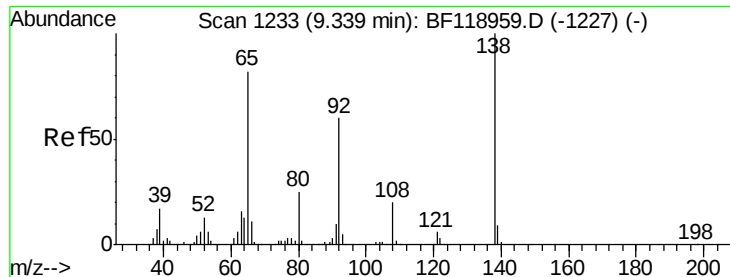
#47
 2-Chloronaphthalene
 Concen: 0.086 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.04 min
 Lab File: BF118970.D
 Acq: 20 Feb 2020 20:44

Tgt Ion:162 Resp: 2375
 Ion Ratio Lower Upper
 162 100
 127 14.4 31.9 47.9#
 164 11.8 26.8 40.2#



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

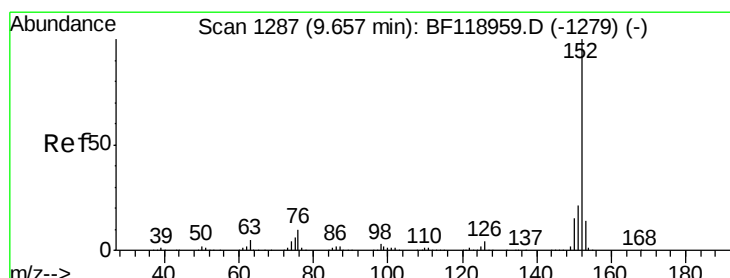
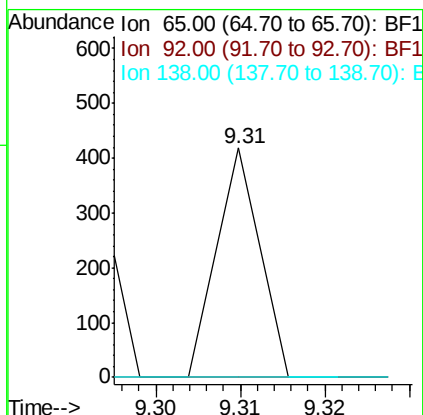
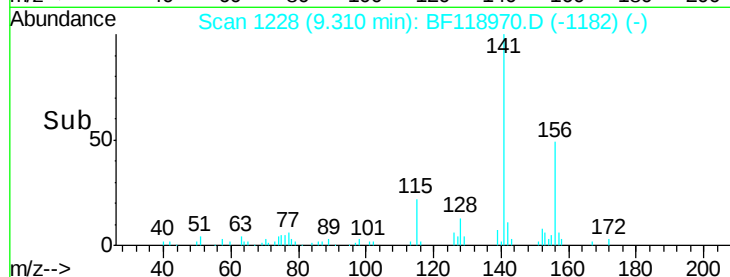
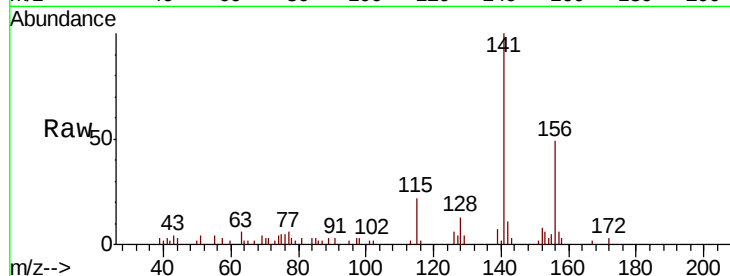




#48
2-Nitroaniline
Concen: 0.019 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.03 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

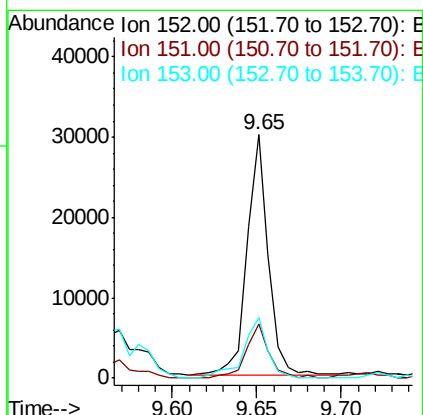
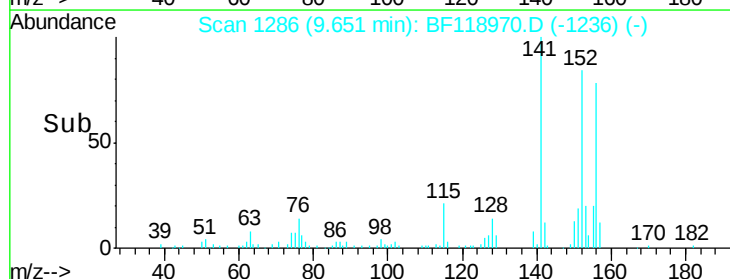
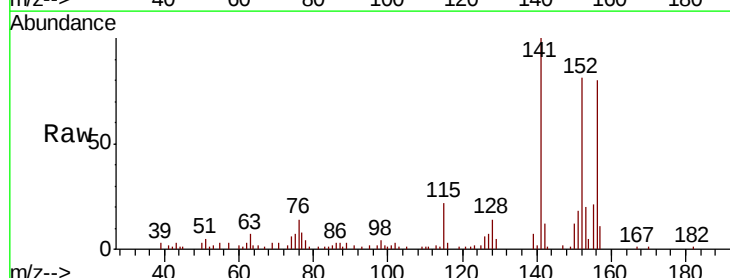
Instrument :
BNA_F
ClientSampleId :

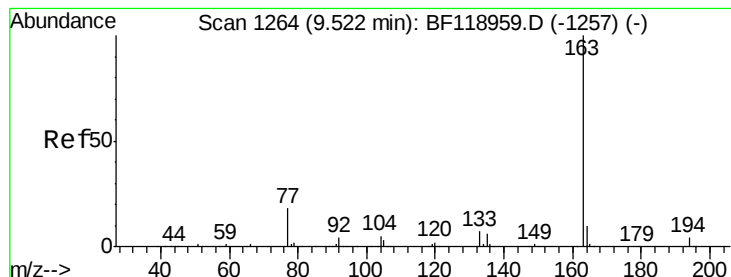
Tot Ion: 65 Resp: 148
Ion Ratio Lower Upper
65 100
92 0.0 58.6 87.8#
138 0.0 97.5 146.3#



#49
Acenaphthylene
Concen: 0.654 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

Tgt Ion: 152 Resp: 26106
Ion Ratio Lower Upper
152 100
151 22.5 16.7 25.1
153 25.1 10.9 16.3#





#50

Dimethylphthalate

Concen: 3.321 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

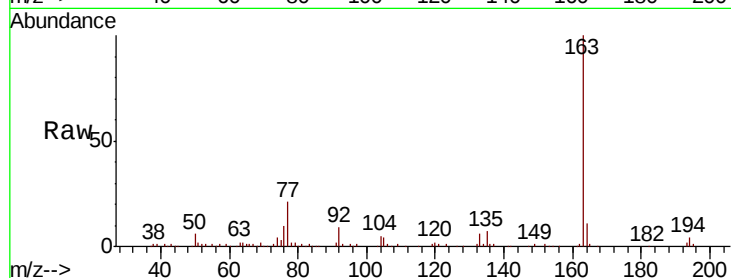
Tot Ion:163 Resp: 107803

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

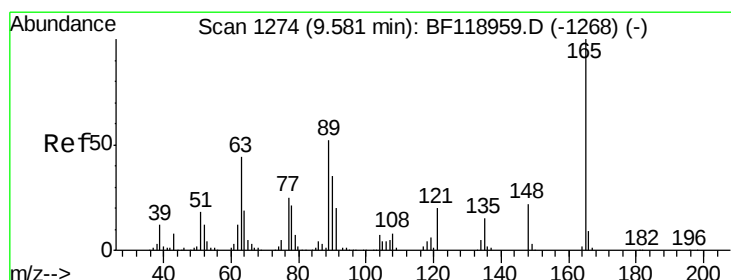
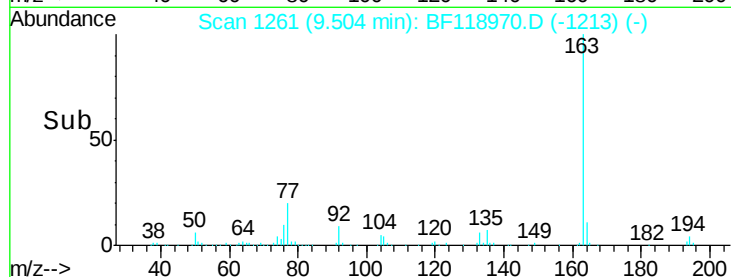
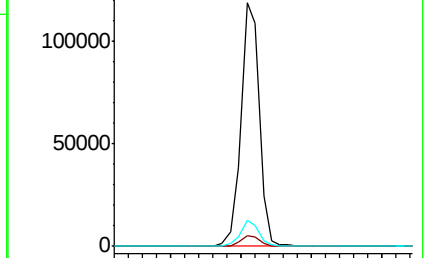
164 10.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.242 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.21 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

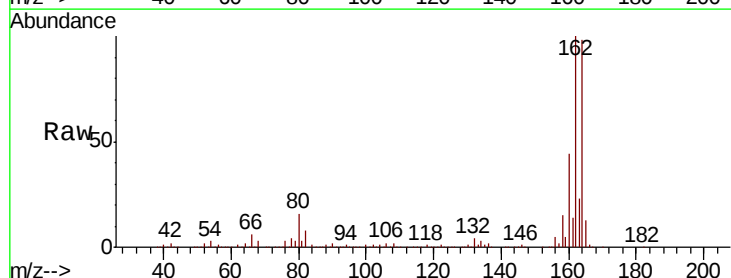
Tgt Ion:165 Resp: 59431

Ion Ratio Lower Upper

165 100

63 1.4 37.9 56.9#

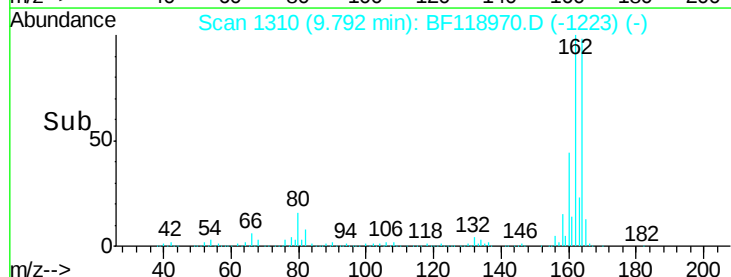
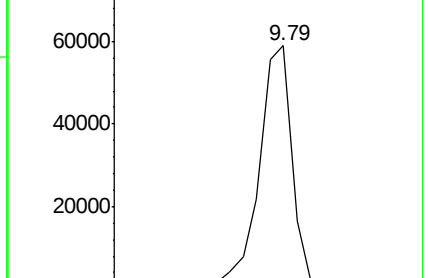
89 1.9 41.4 62.0#

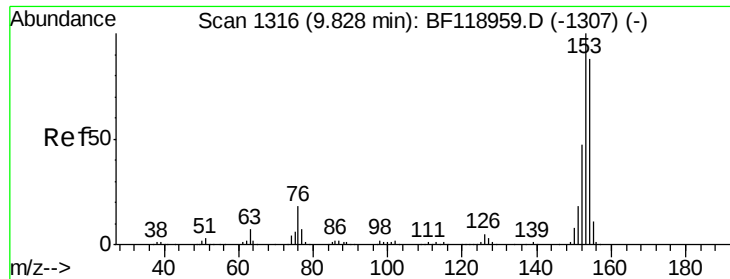


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.813 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

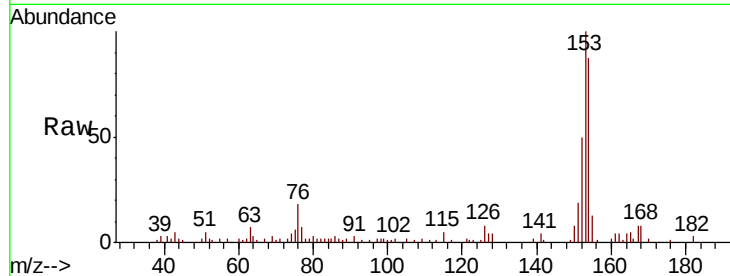
Tot Ion:154 Resp: 19562

Ion Ratio Lower Upper

154 100

153 114.8 90.4 135.6

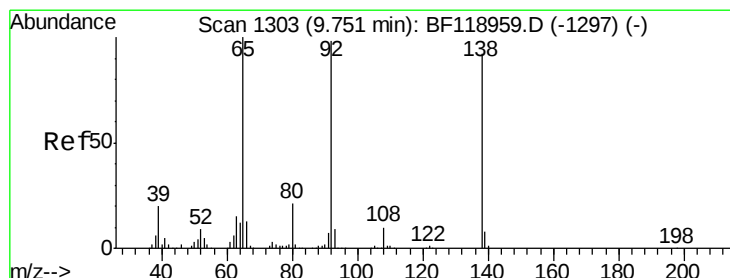
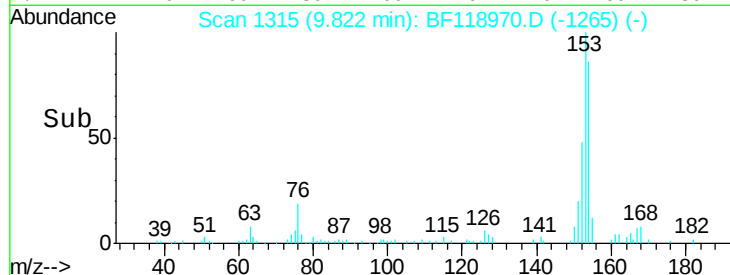
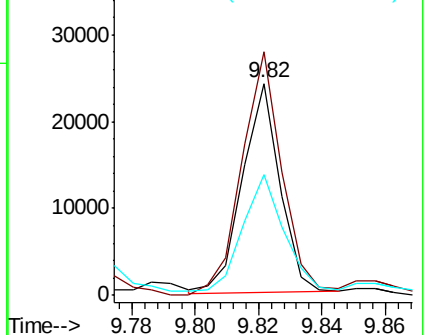
152 57.2 42.9 64.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 0.015 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

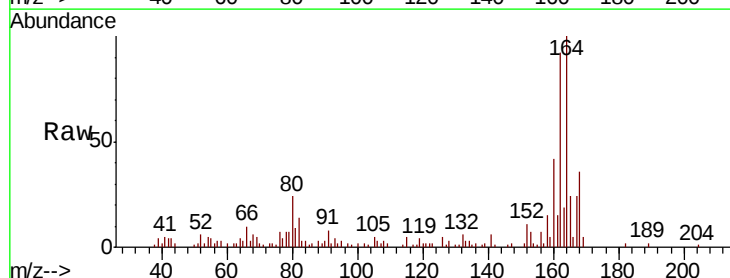
Tgt Ion:138 Resp: 120

Ion Ratio Lower Upper

138 100

108 299.4 8.6 13.0#

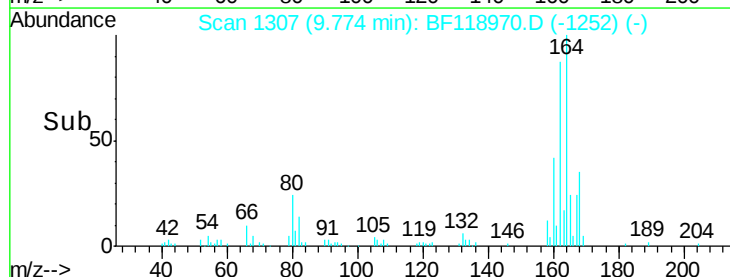
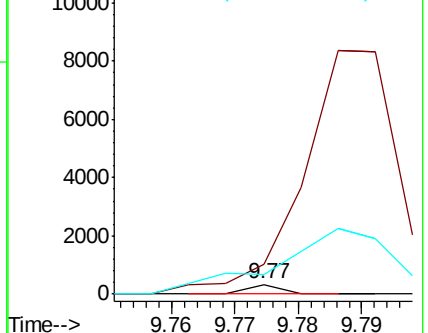
92 201.5 84.6 127.0#

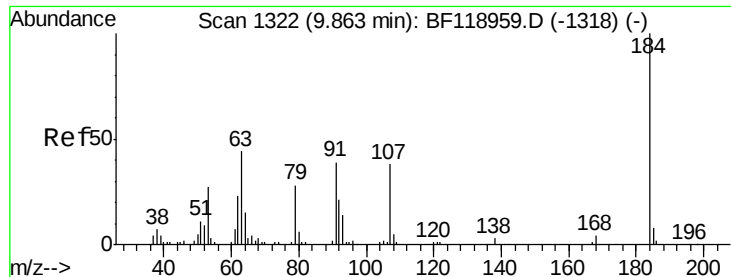


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 7.504 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.25 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

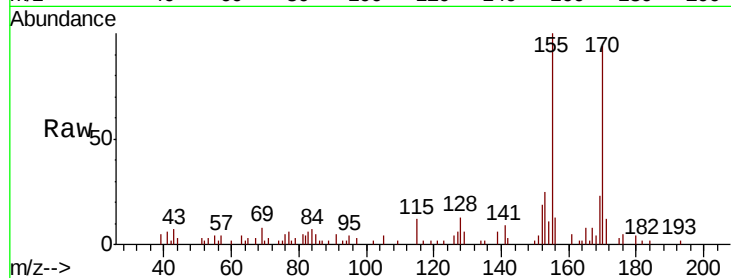
Tot Ion:184 Resp: 113

Ion Ratio Lower Upper

184 100

63 199.1 37.8 56.6#

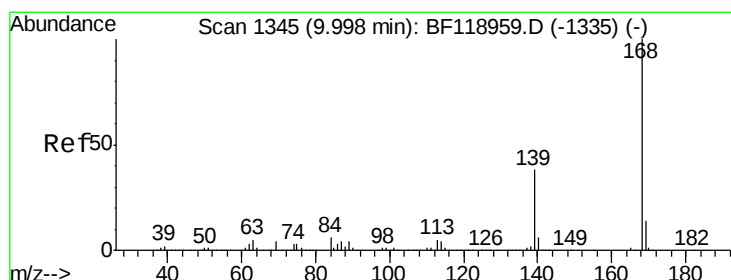
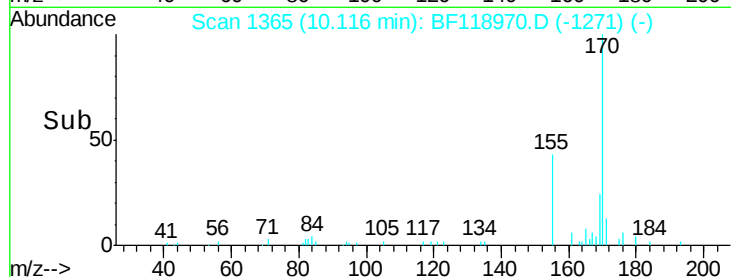
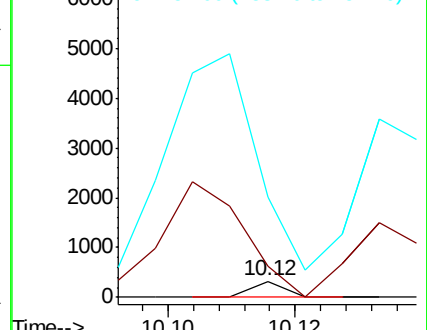
154 633.9 47.6 71.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 0.221 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

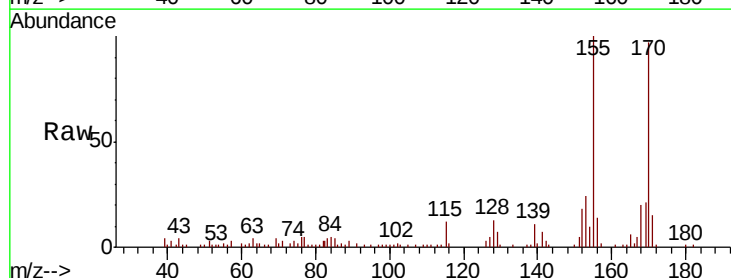
Tgt Ion:168 Resp: 7938

Ion Ratio Lower Upper

168 100

139 53.2 31.7 47.5#

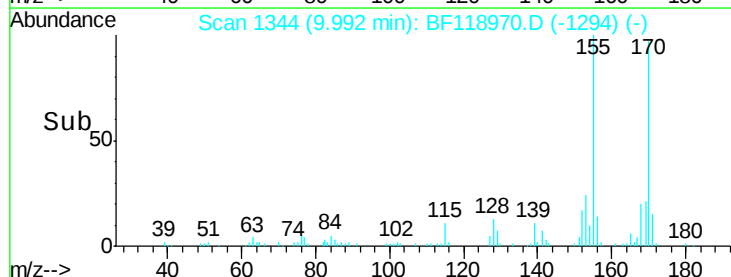
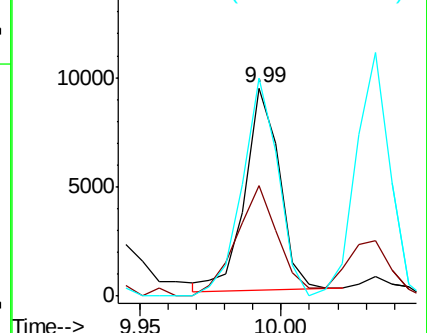
169 104.8 11.0 16.4#

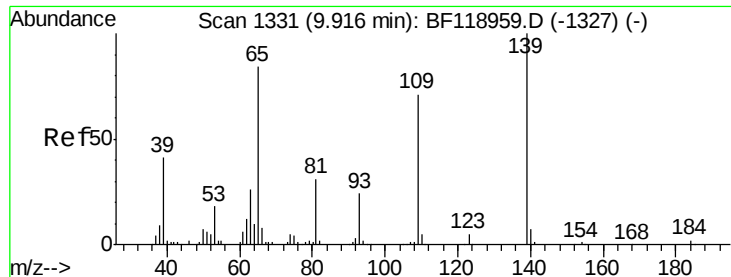


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

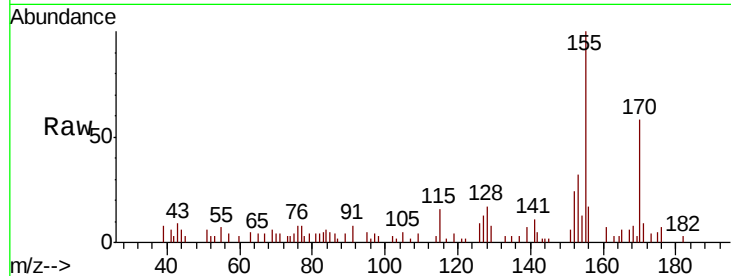




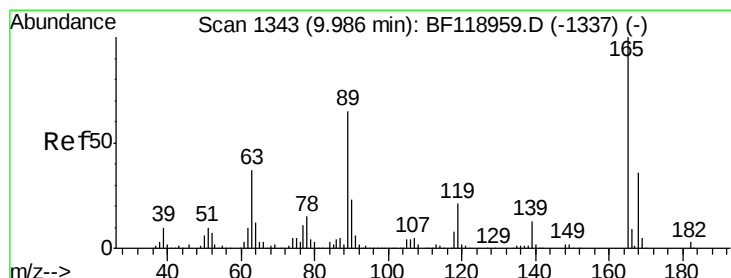
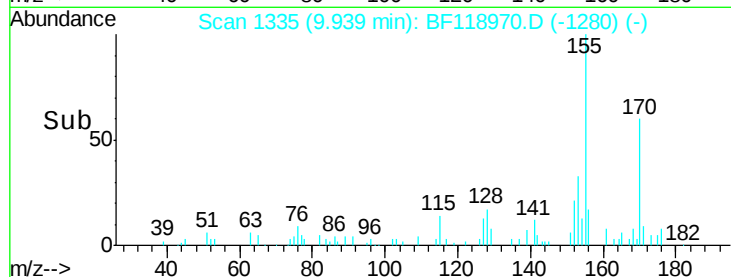
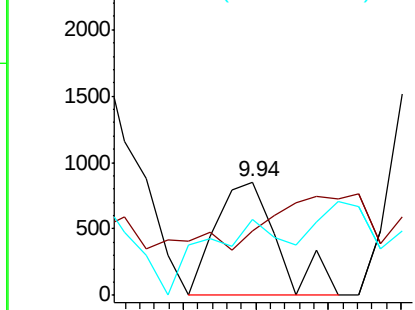
#56
4-Nitrophenol
Concen: 0.213 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 1025
Ion Ratio Lower Upper
139 100
109 57.1 51.1 91.1
65 67.1 64.7 104.7

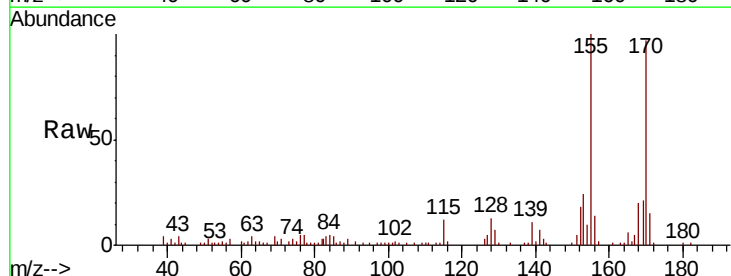


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

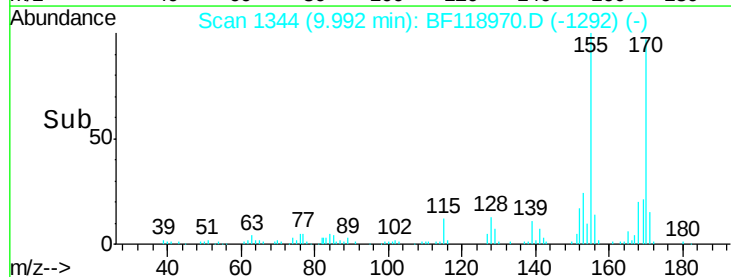
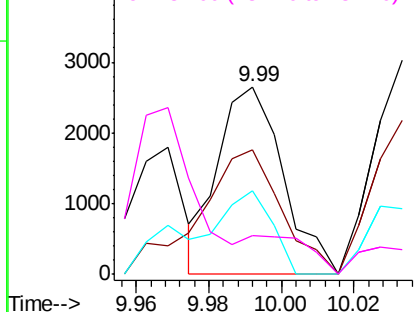


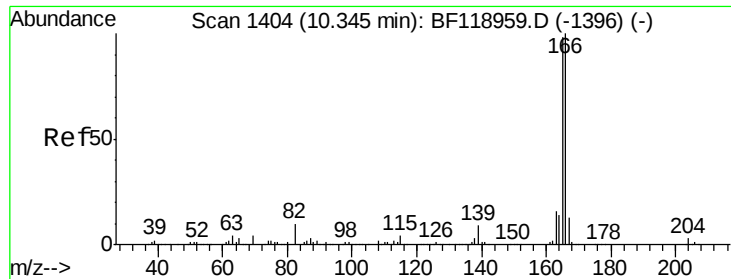
#57
2,4-Dinitrotoluene
Concen: 0.352 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

Tgt Ion:165 Resp: 3292
Ion Ratio Lower Upper
165 100
63 66.7 29.8 44.8#
89 44.7 51.9 77.9#
182 20.2 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

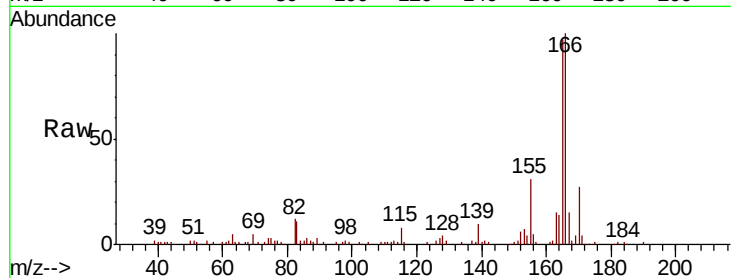




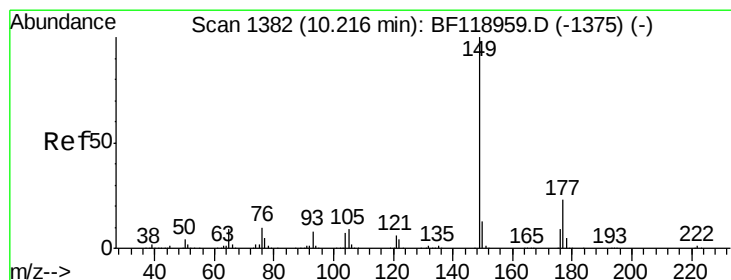
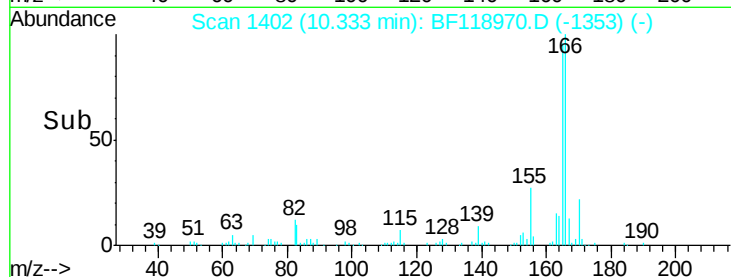
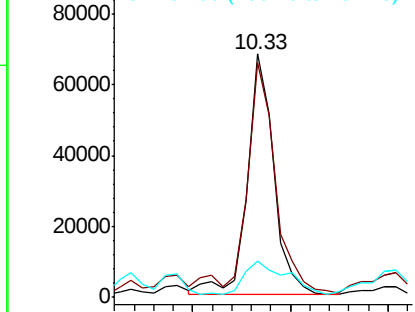
#58
 Fluorene
 Concen: 2.298 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118970.D
 Acq: 20 Feb 2020 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 64169
 Ion Ratio Lower Upper
 166 100
 165 96.5 78.2 117.4
 167 15.1 10.6 16.0

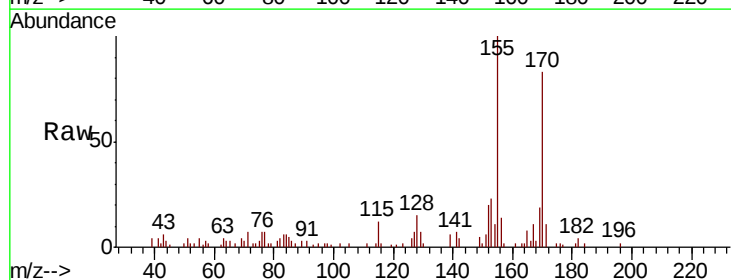


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

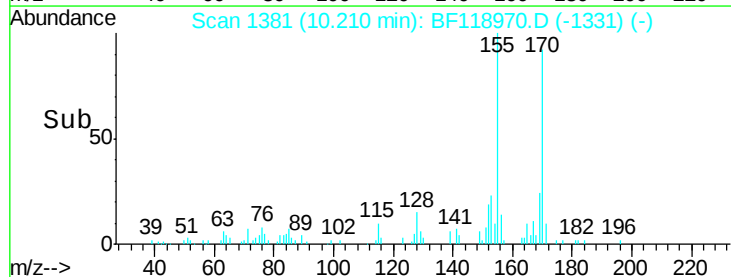
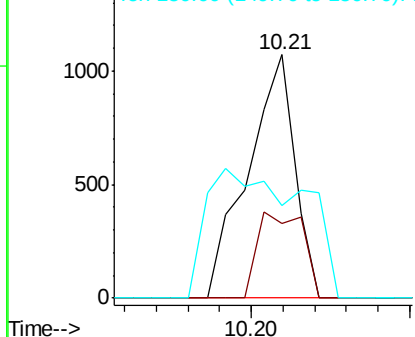


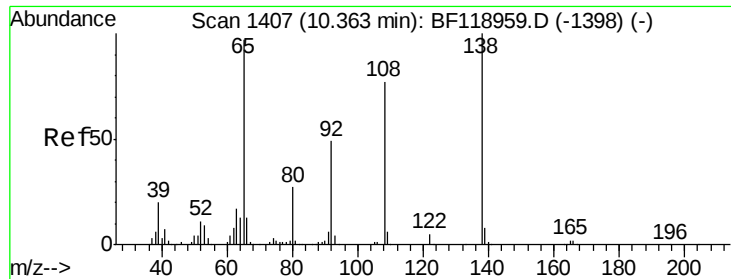
#60
 Diethylphthalate
 Concen: 0.036 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF118970.D
 Acq: 20 Feb 2020 20:44

Tgt Ion:149 Resp: 1100
 Ion Ratio Lower Upper
 149 100
 177 30.5 18.1 27.1#
 150 38.0 10.4 15.6#



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

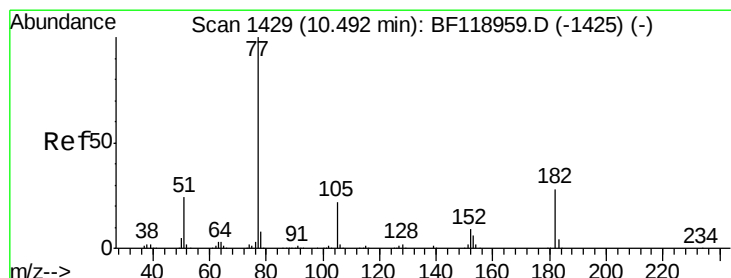
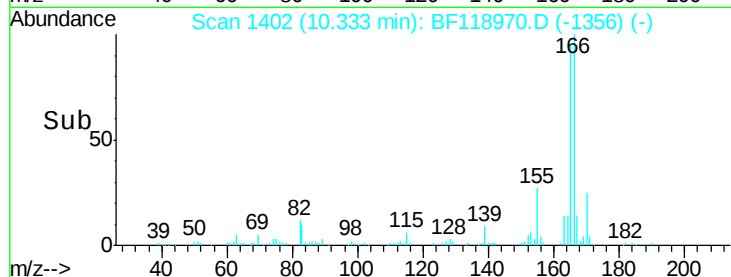
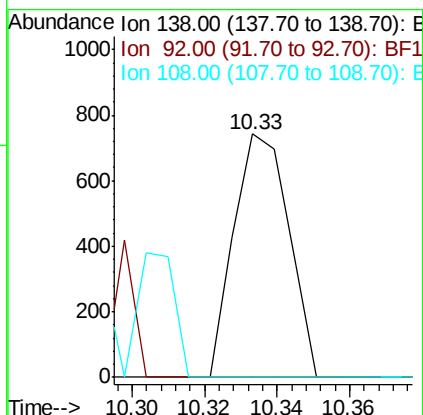
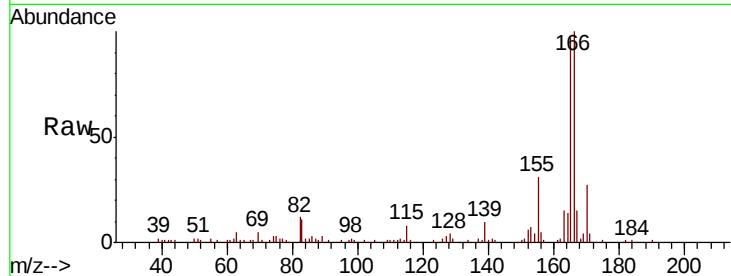




#62
4-Nitroaniline
Concen: 0.095 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.03 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

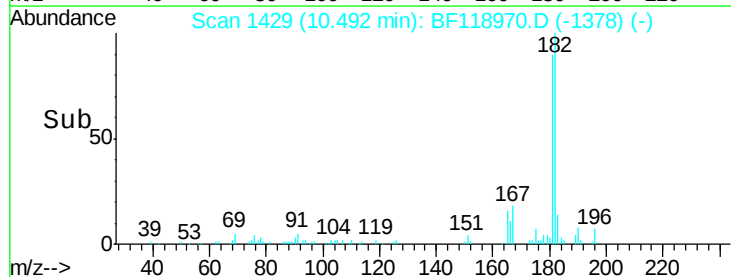
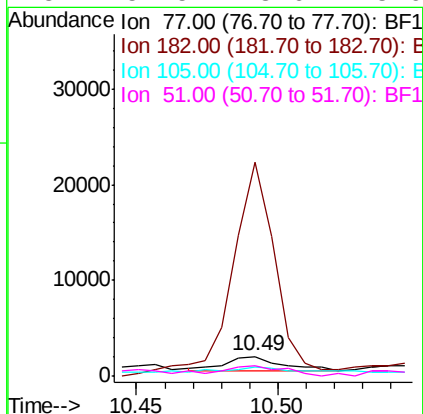
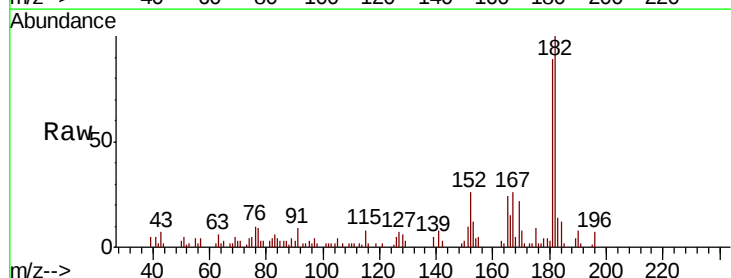
Instrument :
BNA_F
ClientSampled :

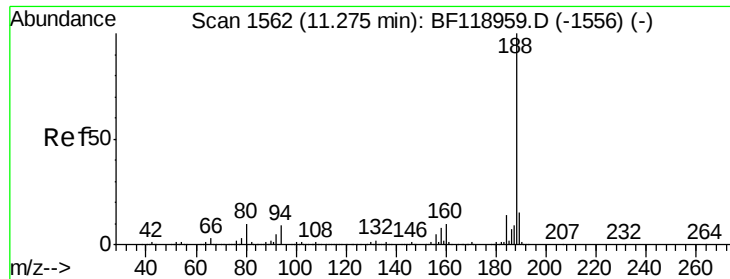
Tot Ion:138 Resp: 781
Ion Ratio Lower Upper
138 100
92 0.0 28.7 68.7#
108 0.0 56.8 96.8#



#63
Azobenzene
Concen: 0.082 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

Tgt Ion: 77 Resp: 2184
Ion Ratio Lower Upper
77 100
182 1088.0 8.2 48.2#
105 47.2 2.3 42.3#
51 54.5 3.6 43.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

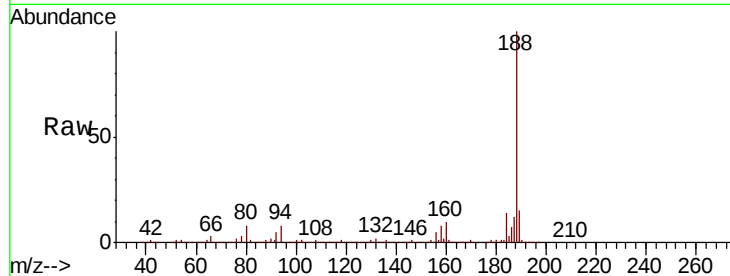
Tot Ion:188 Resp: 703869

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

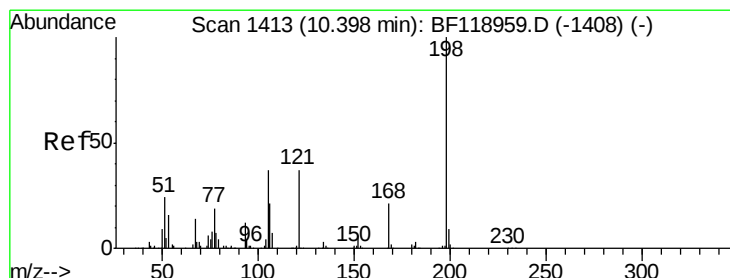
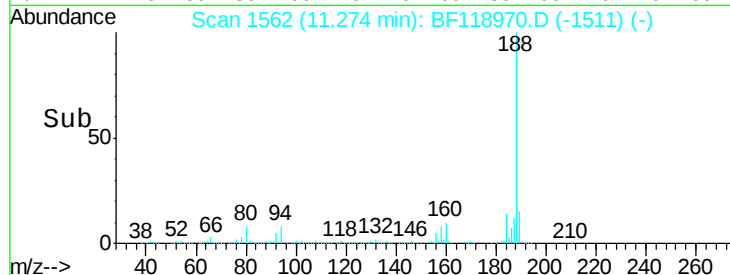
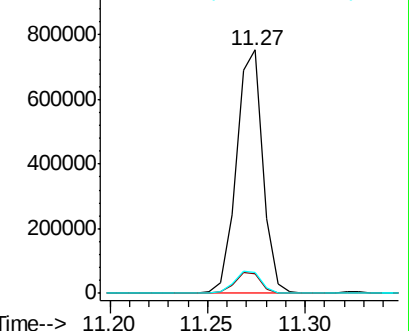
80 8.4 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 0.315 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.18 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

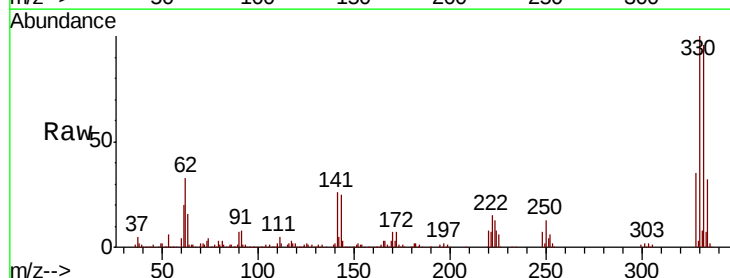
Tgt Ion:198 Resp: 1341

Ion Ratio Lower Upper

198 100

51 170.6 7.1 47.1#

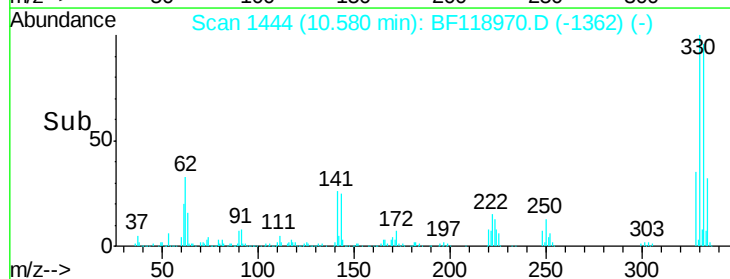
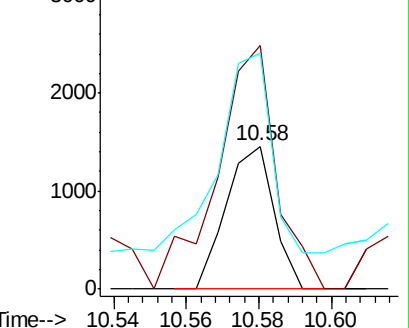
105 165.2 18.3 58.3#

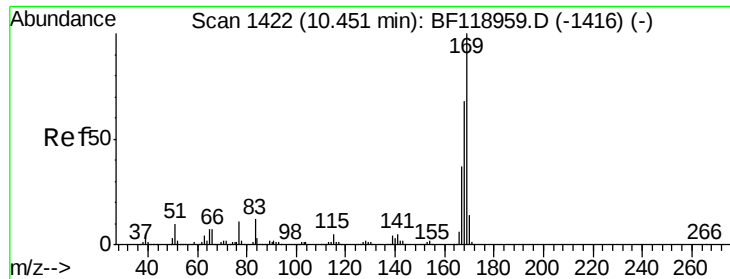


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

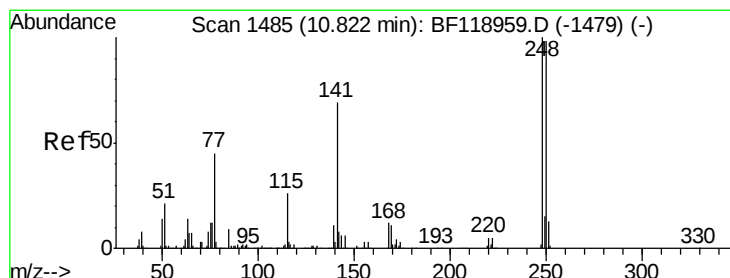
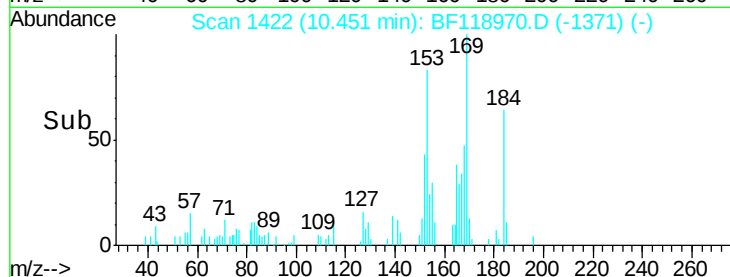
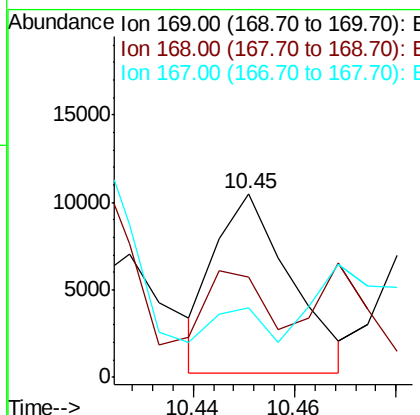
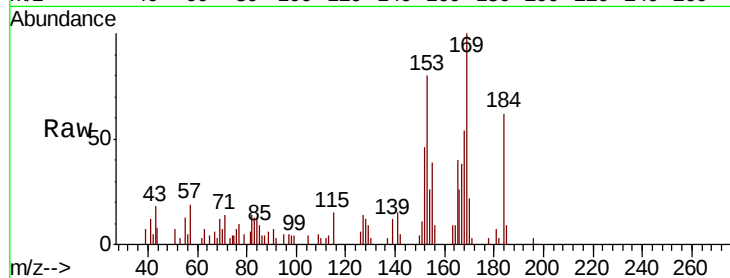




#66
 n-Nitrosodiphenylamine
 Concen: 0.463 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF118970.D
 Acq: 20 Feb 2020 20:44

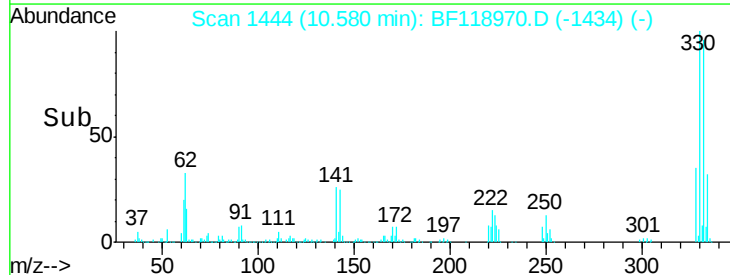
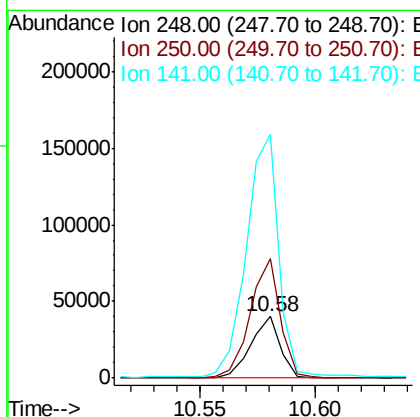
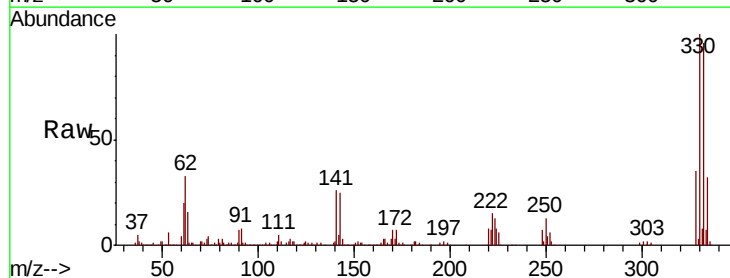
Instrument :
 BNA_F
 ClientSampleId :

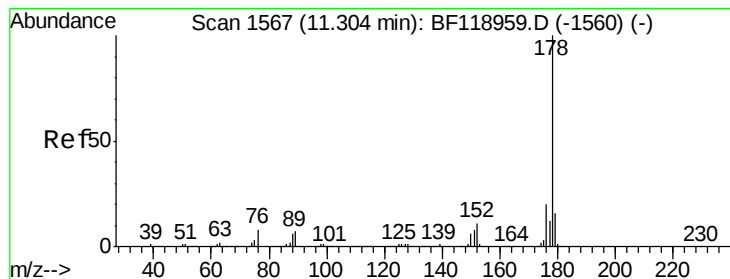
Tot Ion:169 Resp: 10673
 Ion Ratio Lower Upper
 169 100
 168 54.3 54.2 81.2
 167 37.8 29.4 44.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.888 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.24 min
 Lab File: BF118970.D
 Acq: 20 Feb 2020 20:44

Tgt Ion:248 Resp: 35767
 Ion Ratio Lower Upper
 248 100
 250 194.9 78.8 118.2#
 141 396.3 55.3 82.9#





#71

Phenanthrene

Concen: 16.912 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

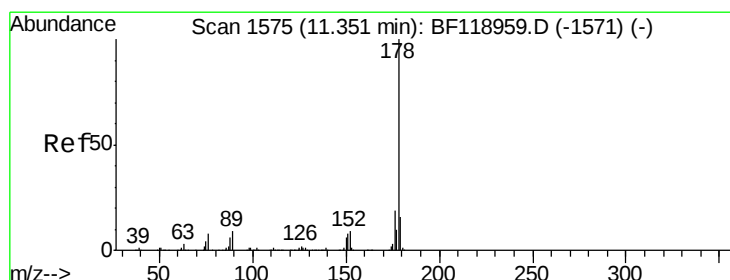
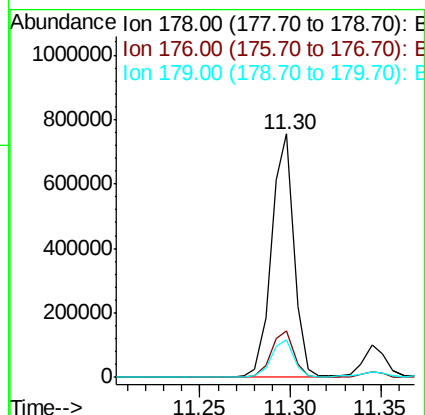
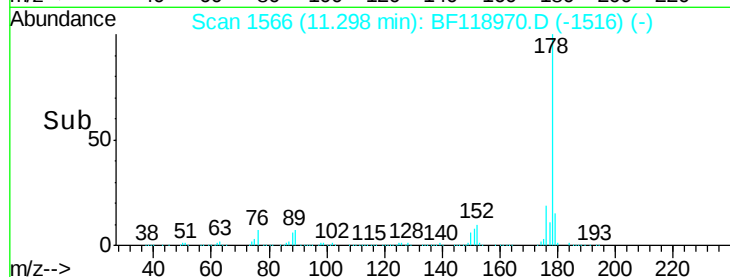
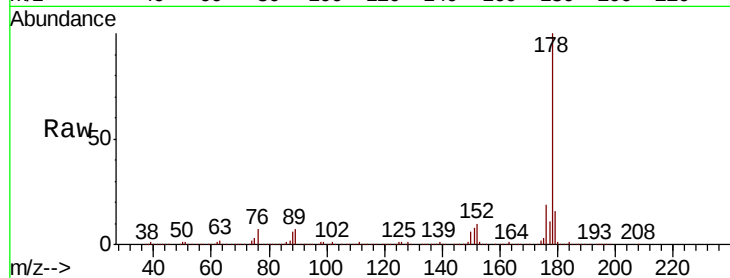
Tot Ion:178 Resp: 649196

Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

179 15.6 12.6 18.8



#72

Anthracene

Concen: 2.119 ng

RT: 11.34 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

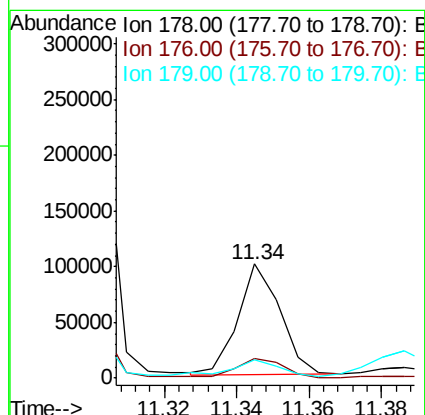
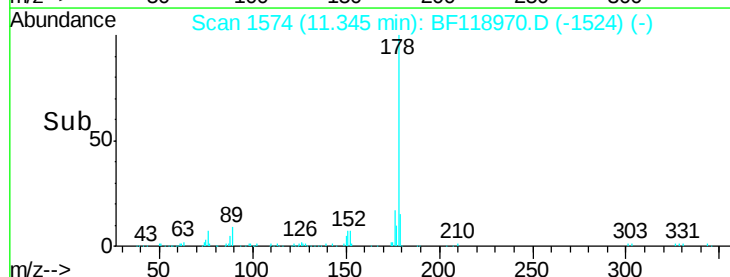
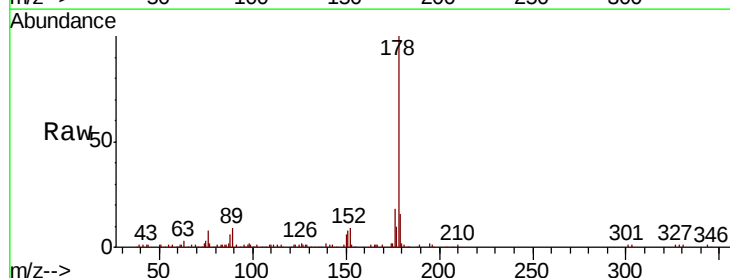
Tgt Ion:178 Resp: 81269

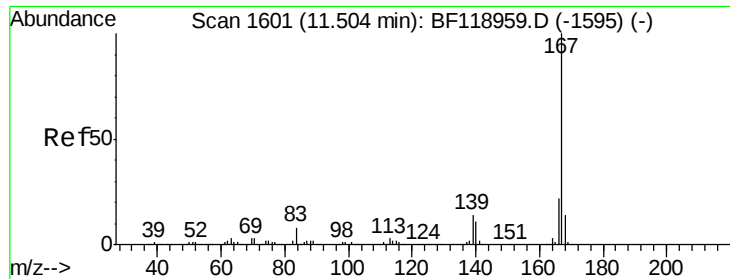
Ion Ratio Lower Upper

178 100

176 17.5 15.4 23.2

179 15.6 12.8 19.2





#73

Carbazole

Concen: 0.122 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

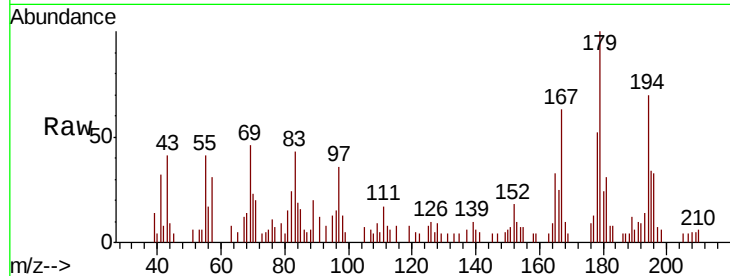
Tot Ion:167 Resp: 4173

Ion Ratio Lower Upper

167 100

166 39.5 17.8 26.6#

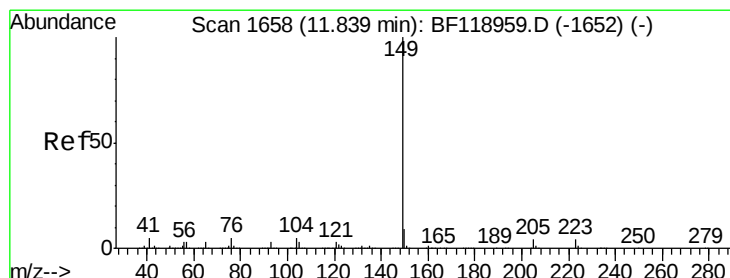
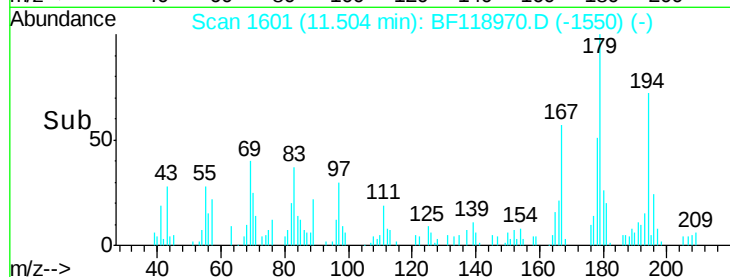
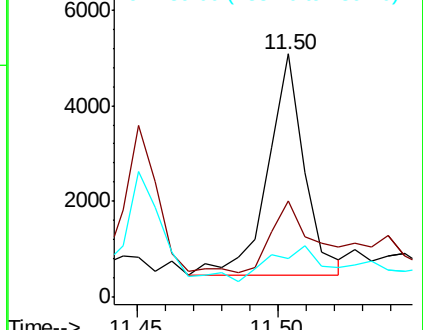
139 16.1 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.092 ng

RT: 11.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

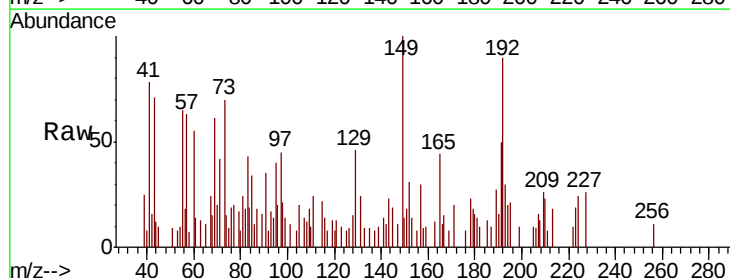
Tgt Ion:149 Resp: 3789

Ion Ratio Lower Upper

149 100

150 14.4 7.5 11.3#

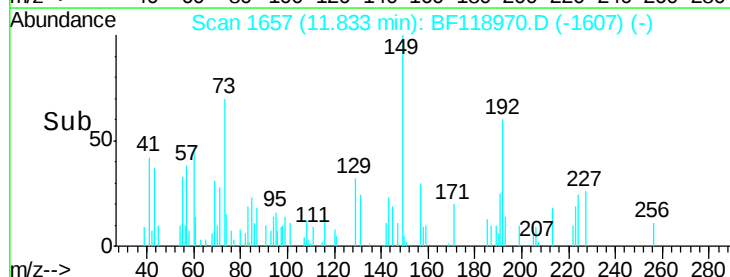
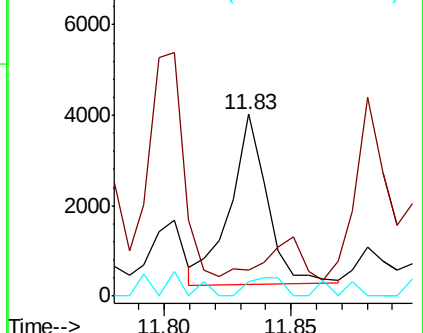
104 8.2 4.0 6.0#

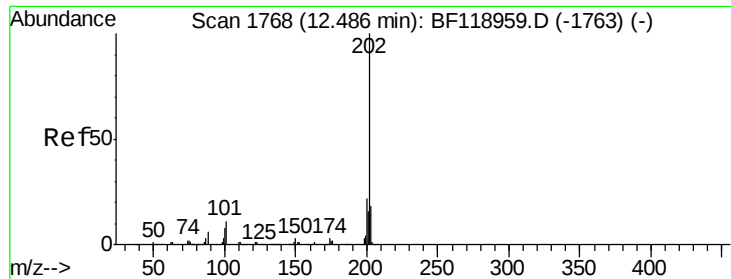


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 7.628 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

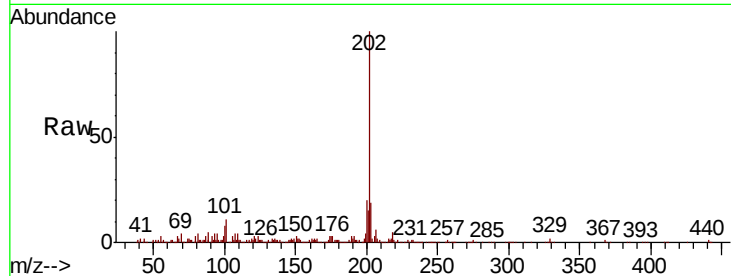
Tot Ion:202 Resp: 310794

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.1

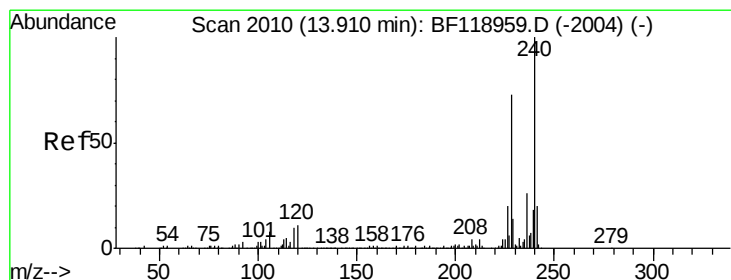
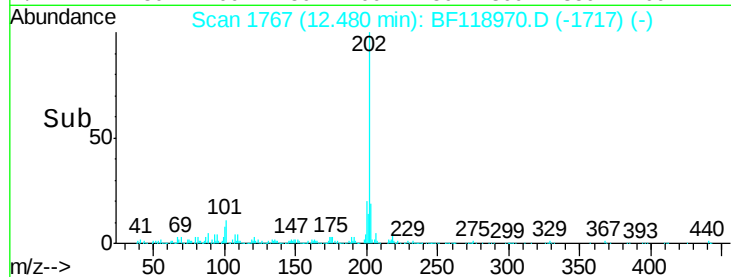
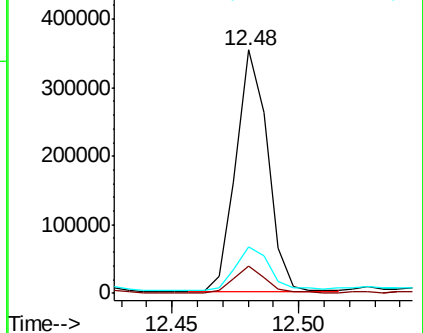
203 19.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

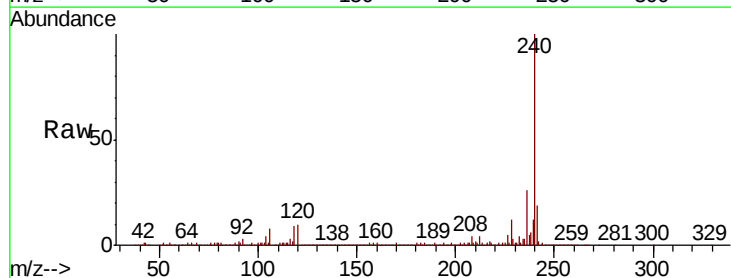
Tgt Ion:240 Resp: 443996

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

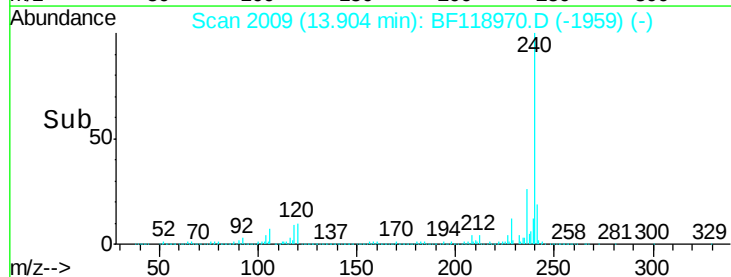
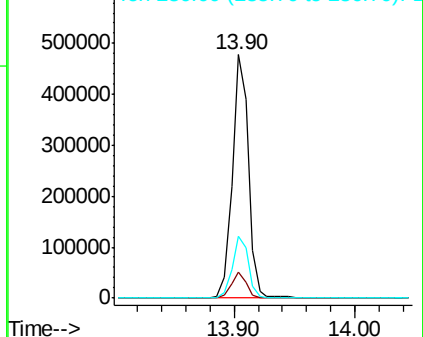
236 25.7 20.6 30.8

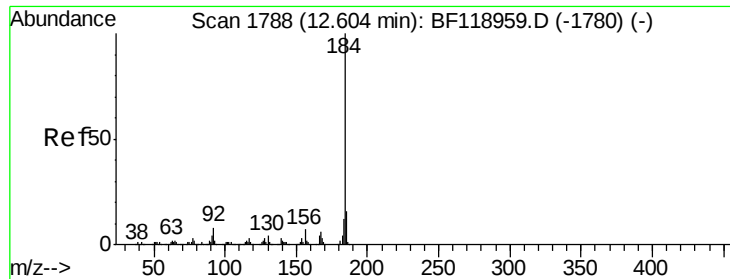


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.047 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

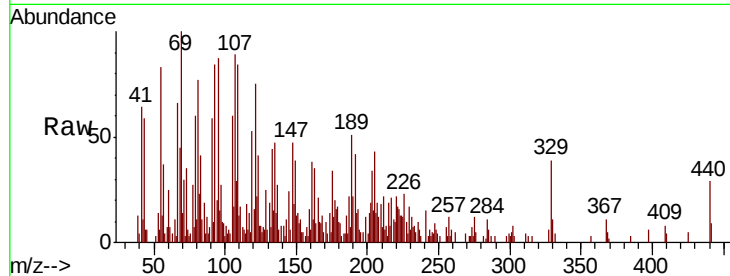
Tot Ion:184 Resp: 851

Ion Ratio Lower Upper

184 100

185 295.1 12.6 19.0#

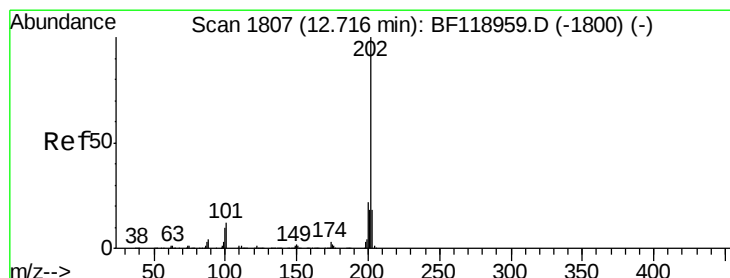
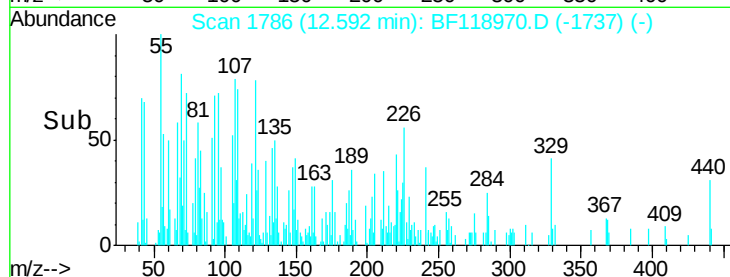
183 90.0 9.9 14.9#



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: 13.367 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

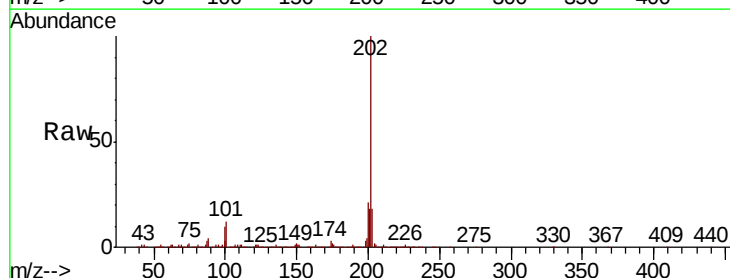
Tgt Ion:202 Resp: 476578

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.0

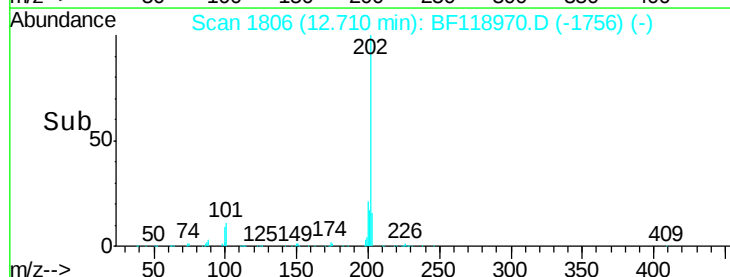
203 18.0 14.5 21.7

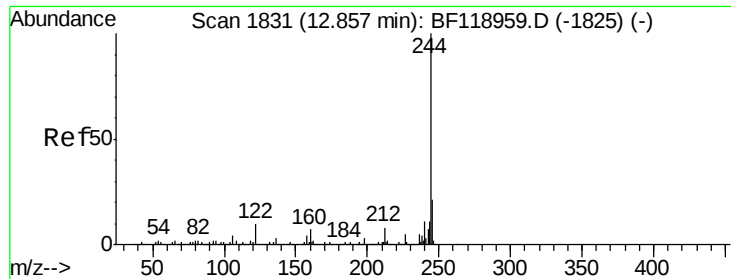


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

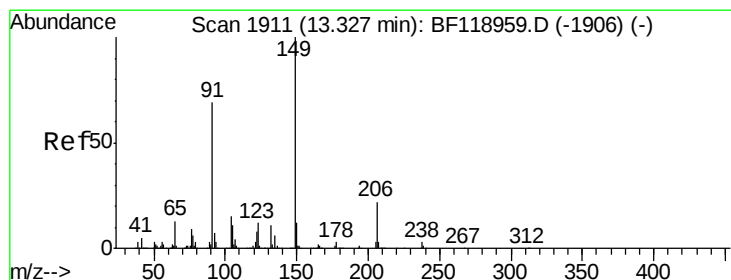
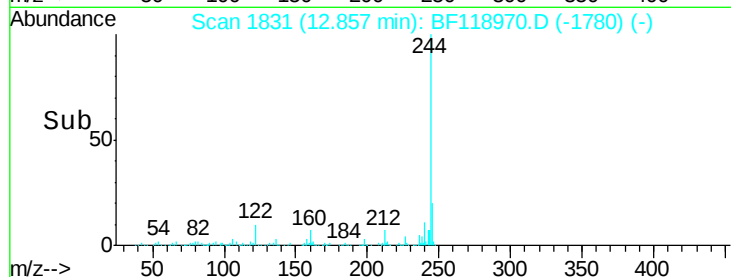
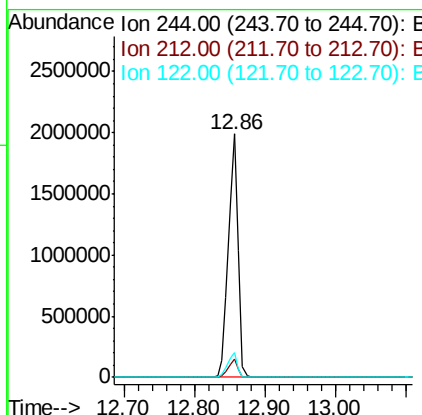
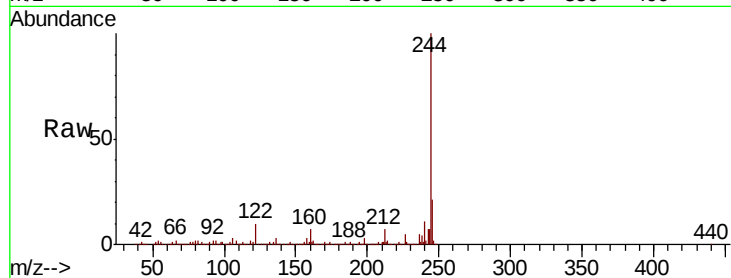




#79
 Terphenyl-d14
 Concen: 74.265 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF118970.D
 Acq: 20 Feb 2020 20:44

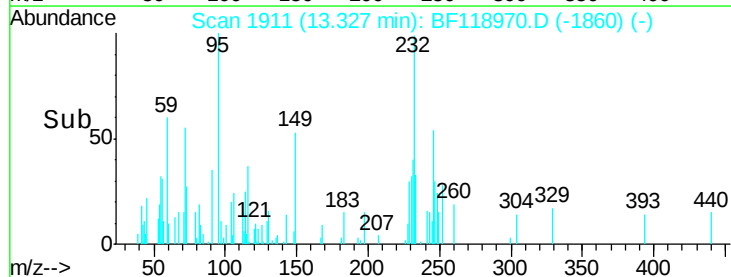
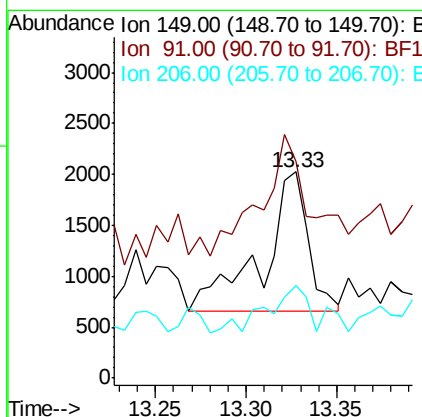
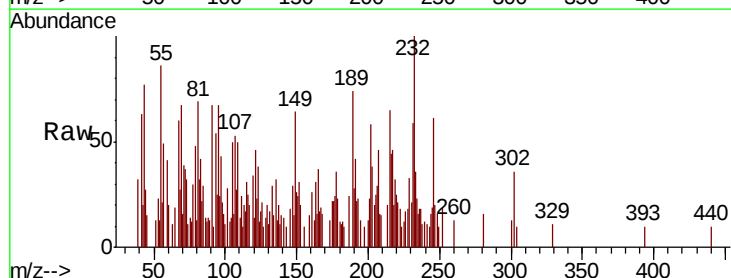
Instrument :
 BNA_F
 ClientSampleId :

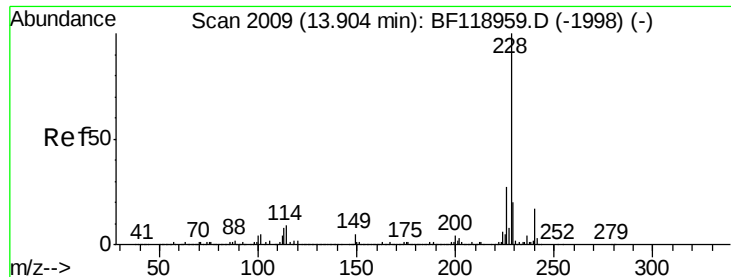
Tot Ion:244 Resp: 1915181
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 10.1 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 0.158 ng
 RT: 13.33 min Scan# 1911
 Delta R.T. -0.00 min
 Lab File: BF118970.D
 Acq: 20 Feb 2020 20:44

Tgt Ion:149 Resp: 2365
 Ion Ratio Lower Upper
 149 100
 91 105.0 55.4 83.2#
 206 44.9 17.7 26.5#





#81

Benzo(a)anthracene

Concen: 5.303 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

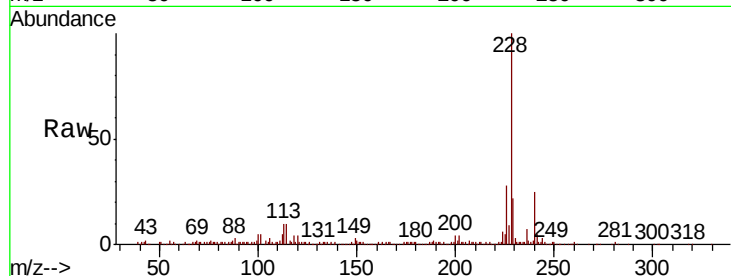
Tot Ion:228 Resp: 160429

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

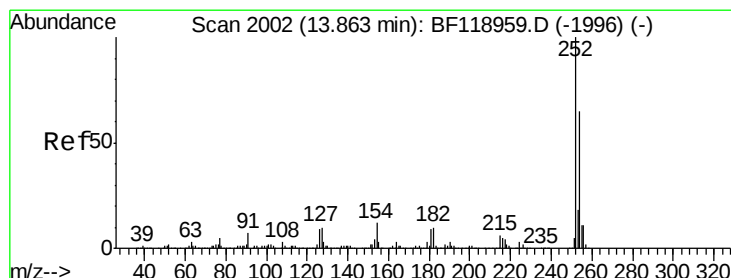
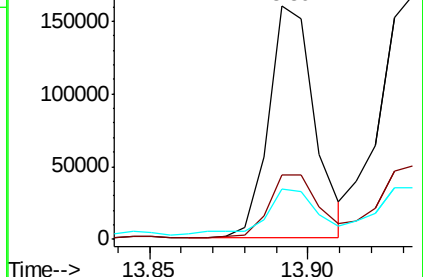
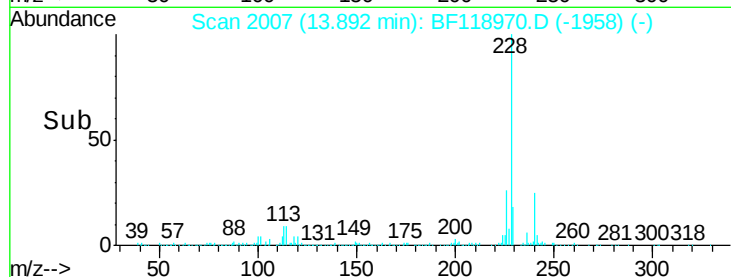
229 21.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.065 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

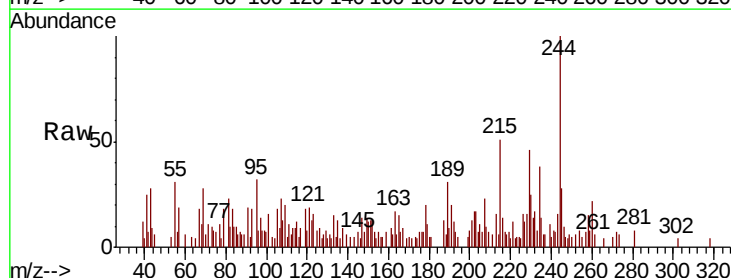
Tgt Ion:252 Resp: 759

Ion Ratio Lower Upper

252 100

254 116.4 52.1 78.1#

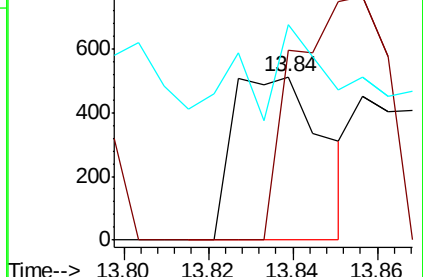
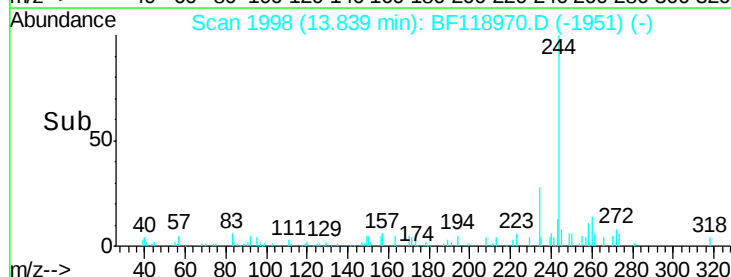
126 132.0 7.3 10.9#

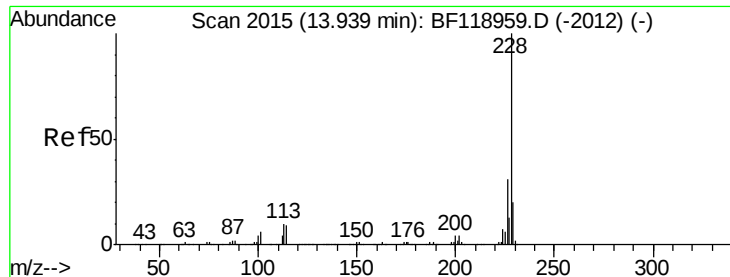


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

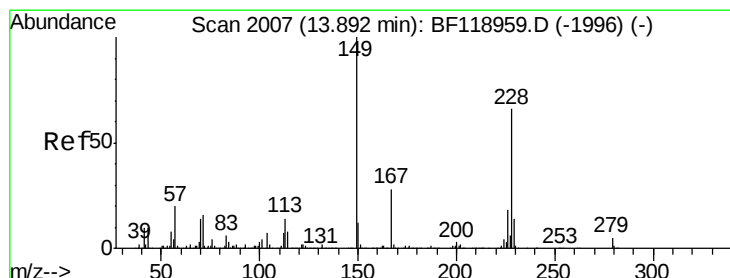
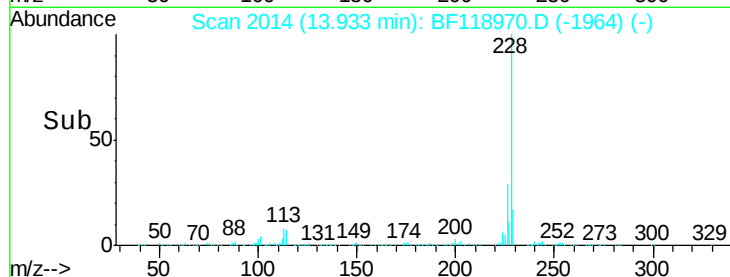
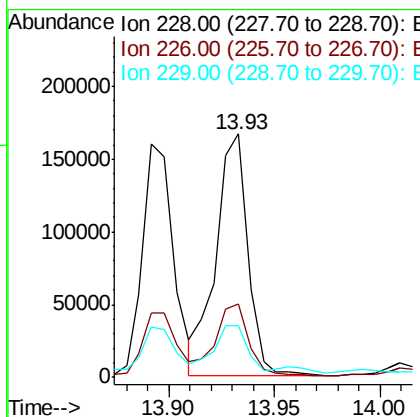
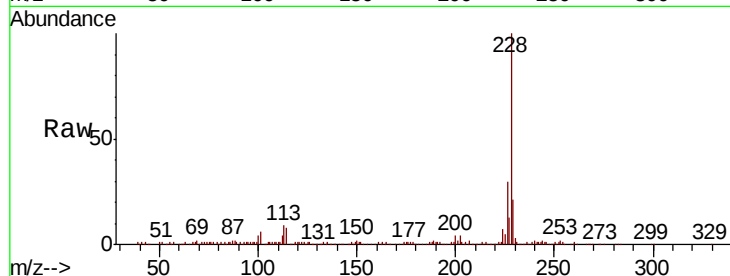




#83
 Chrvsene
 Concen: 5.807 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF118970.D
 Acq: 20 Feb 2020 20:44

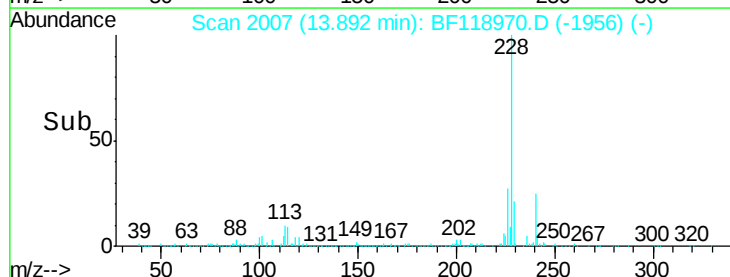
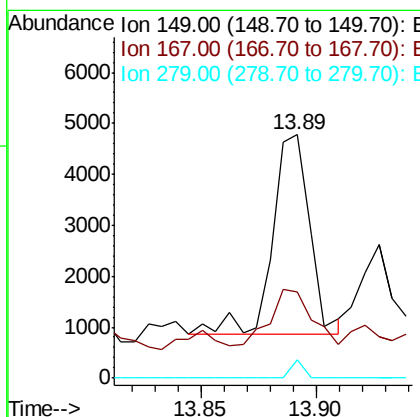
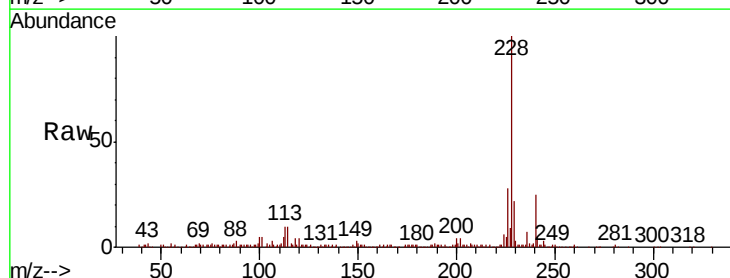
Instrument :
 BNA_F
 ClientSampleId :

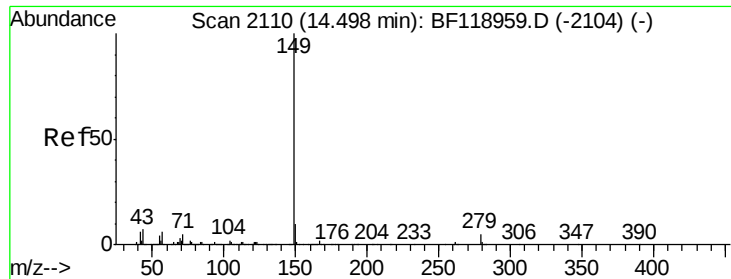
Tot Ion:228 Resp: 175038
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.6 37.0
 229 21.2 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.233 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BF118970.D
 Acq: 20 Feb 2020 20:44

Tgt Ion:149 Resp: 4411
 Ion Ratio Lower Upper
 149 100
 167 35.6 22.3 33.5#
 279 7.7 4.2 6.4#





#85

Di-n-octyl phthalate

Concen: 0.035 ng

RT: 14.49 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Instrument :

BNA_F

ClientSampled :

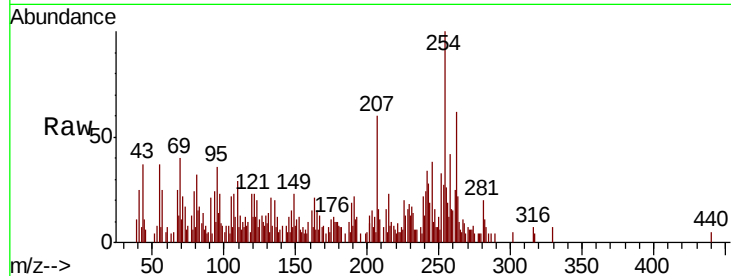
Tot Ion:149 Resp: 1070

Ion Ratio Lower Upper

149 100

167 40.0 1.3 1.9#

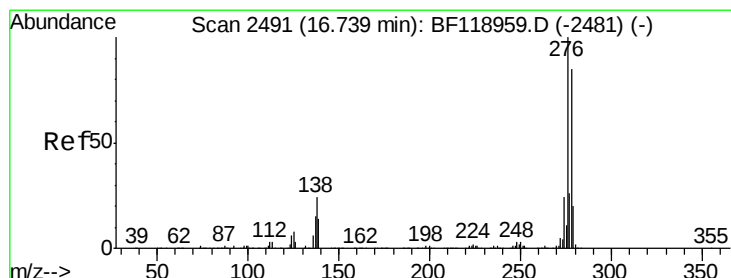
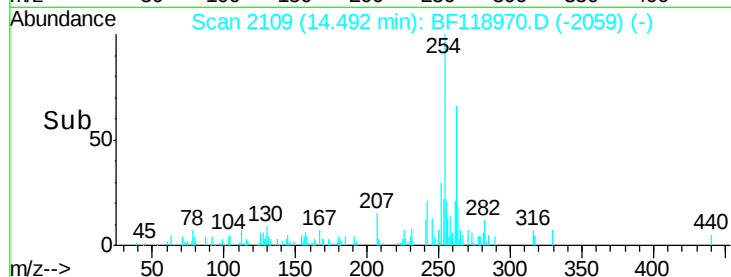
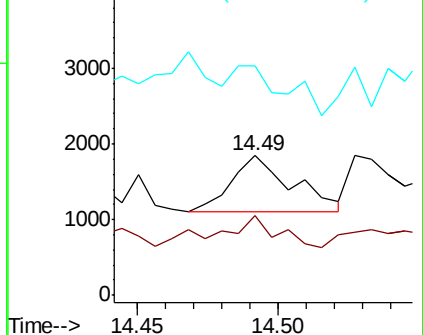
43 79.0 5.2 7.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 1.899 ng

RT: 16.73 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

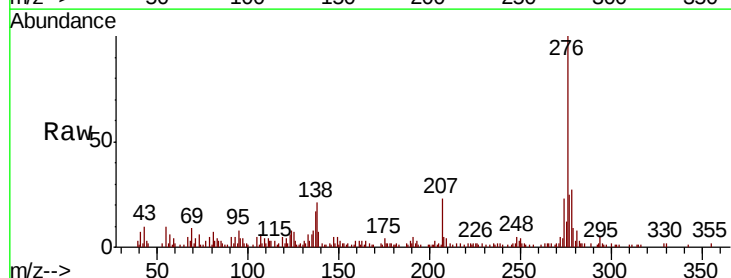
Tgt Ion:276 Resp: 55438

Ion Ratio Lower Upper

276 100

138 20.2 18.7 28.1

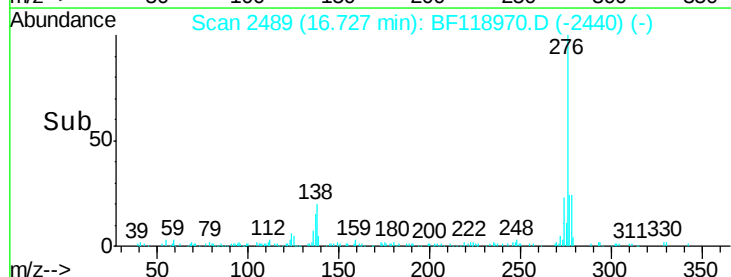
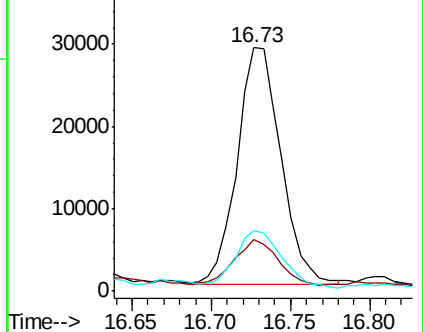
277 25.2 20.3 30.5

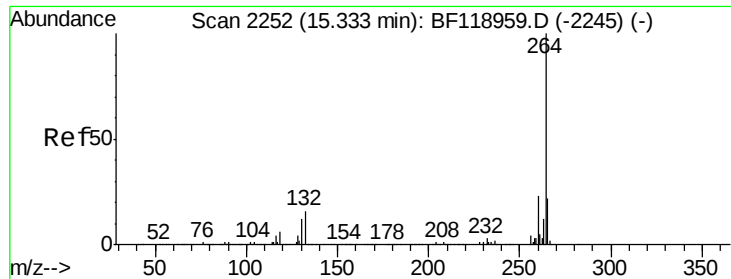


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

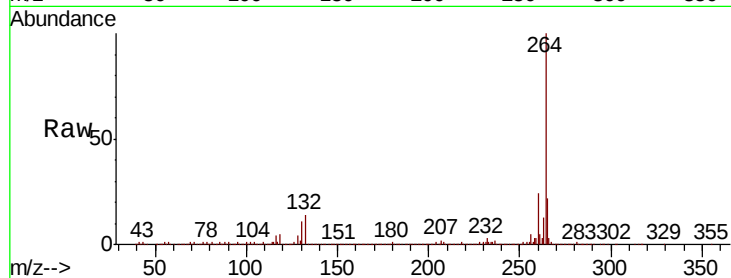
Tot Ion:264 Resp: 477314

Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 21.9 17.3 25.9

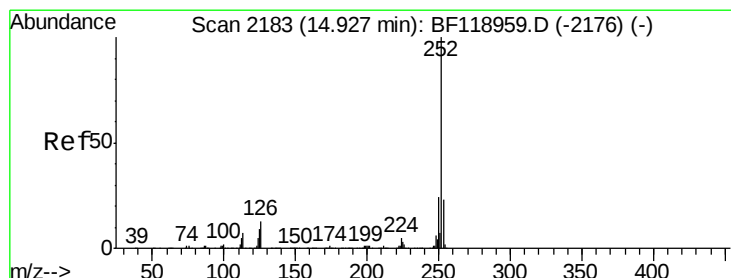
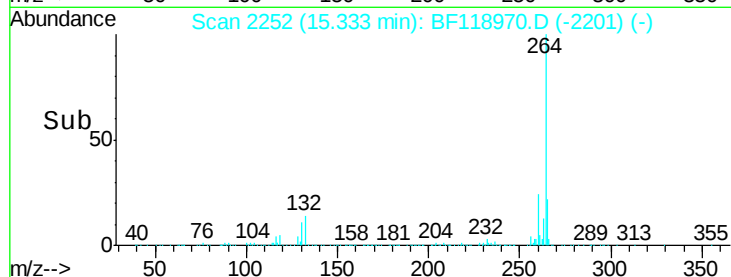
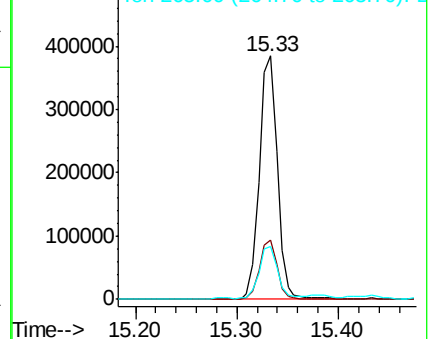


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 4.765 ng

RT: 14.93 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

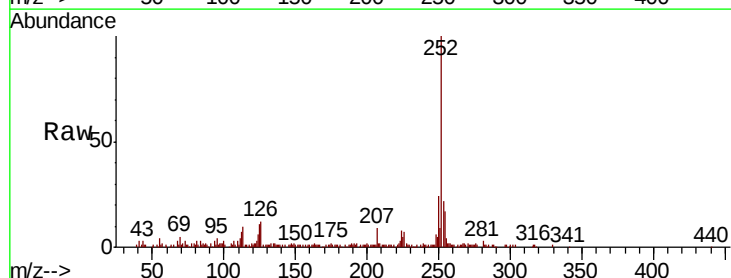
Tgt Ion:252 Resp: 149914

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

125 10.8 7.4 11.0

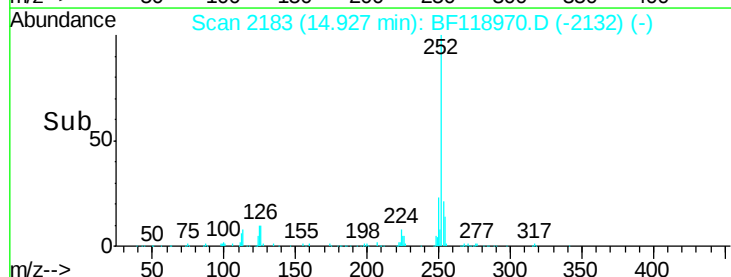
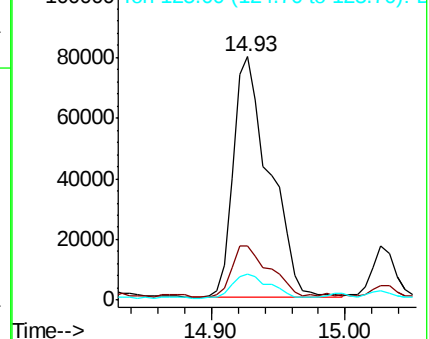


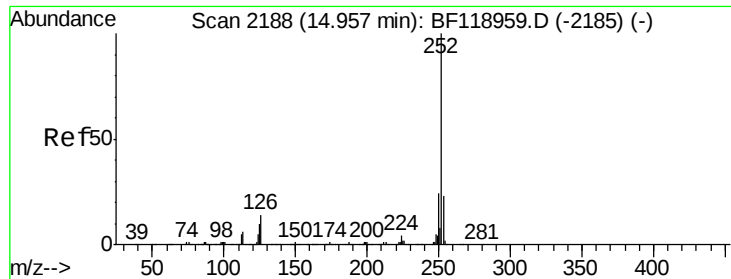
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

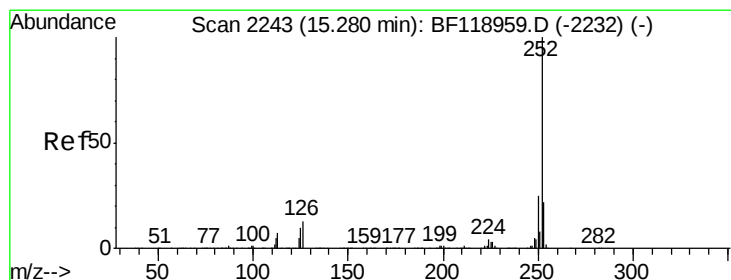
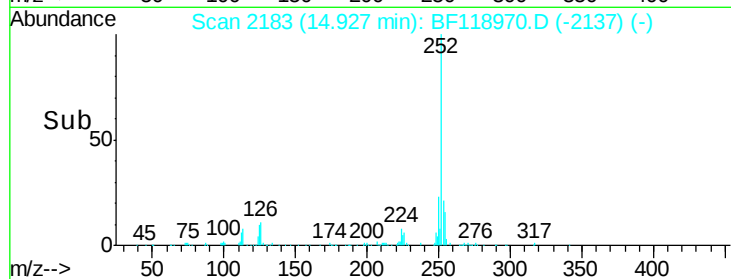
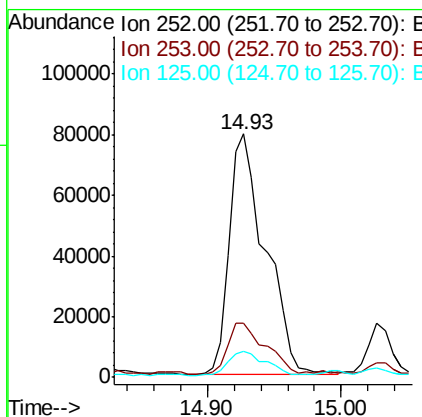
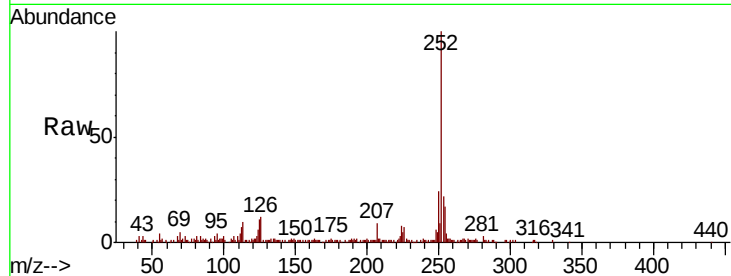




#89
Benzo(k)fluoranthene
Concen: 5.142 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.03 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

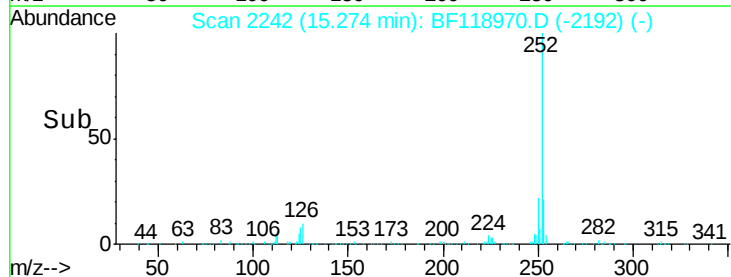
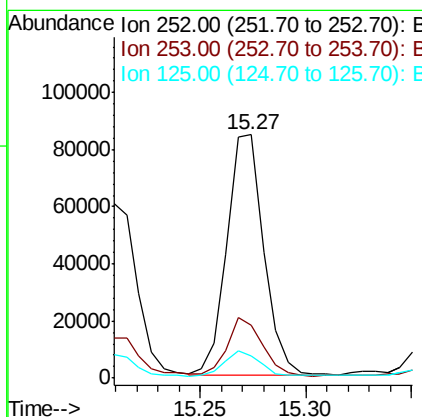
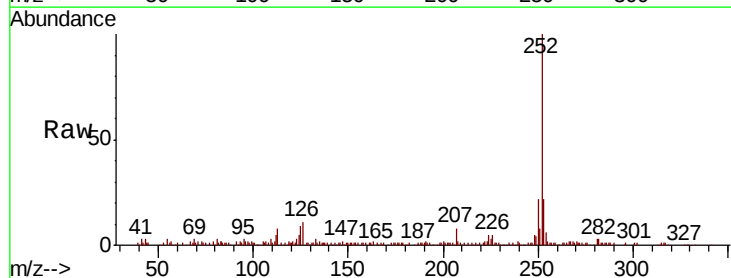
Instrument :
BNA_F
ClientSampleId :

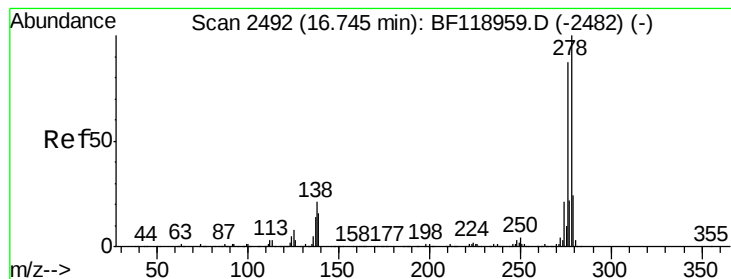
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.8	7.3	10.9



#90
Benzo(a)pyrene
Concen: 3.604 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF118970.D
Acq: 20 Feb 2020 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.0	7.8	11.6





#91

Dibenzo(a,h)anthracene

Concen: 0.748 ng

RT: 16.74 min Scan# 2491

Delta R.T. -0.01 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

Instrument :

BNA_F

ClientSampleId :

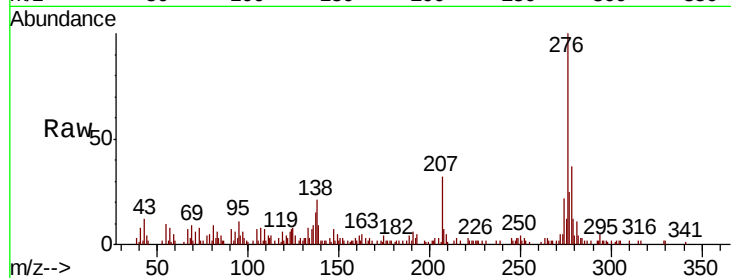
Tot Ion:278 Resp: 18700

Ion Ratio Lower Upper

278 100

139 23.8 12.6 18.8#

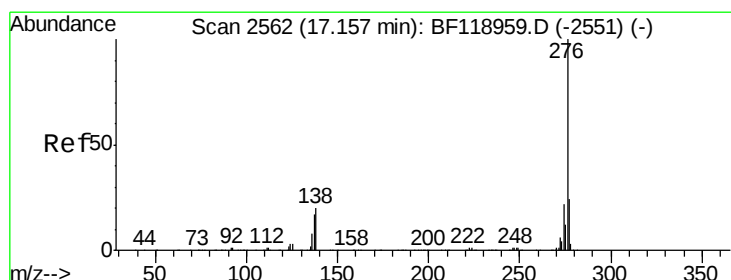
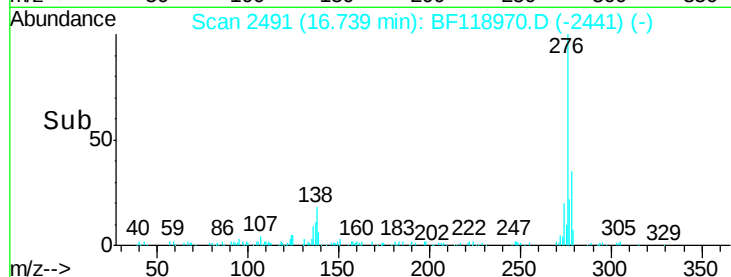
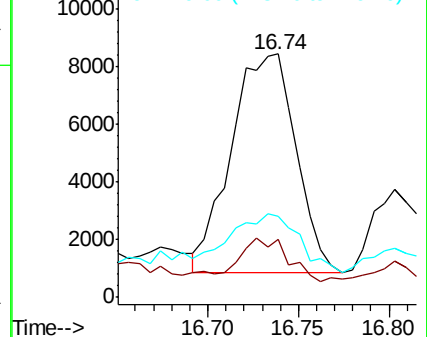
279 33.3 19.0 28.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 2.478 ng

RT: 17.15 min Scan# 2561

Delta R.T. -0.01 min

Lab File: BF118970.D

Acq: 20 Feb 2020 20:44

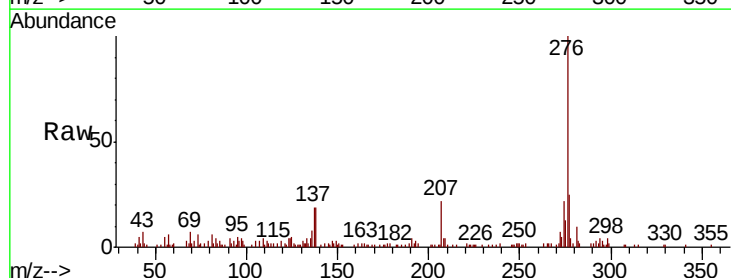
Tgt Ion:276 Resp: 61165

Ion Ratio Lower Upper

276 100

277 25.3 19.2 28.8

138 19.0 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

