

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118141.D
 Acq On : 7 Dec 2019 20:49
 Operator : JU
 Sample : K6147-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 05:46:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	135170	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	537847	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	276157	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	451773	20.00	ng	0.00
76) Chrysene-d12	14.06	240	271632	20.00	ng	0.00
87) Perylene-d12	15.55	264	273897	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	727610	94.28	ng	0.00
7) Phenol-d6	6.50	99	942193	100.94	ng	0.00
23) Nitrobenzene-d5	7.43	82	558429	58.41	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	279438	83.29	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1130274	62.28	ng	0.00
79) Terphenyl-d14	13.00	244	953030	60.33	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.51	93	1535	0.129	ng	# 1
8) 2-Chlorophenol	6.65	128	110	0.013	ng	# 1
9) Benzaldehyde	6.50	77	1876	Below Cal		# 1
10) Phenol	6.51	94	53714	5.046	ng	# 93
11) bis(2-Chloroethyl)ether	6.57	93	7962	1.034	ng	# 26
12) 1,3-Dichlorobenzene	6.89	146	1211	0.119	ng	# 84
13) 1,4-Dichlorobenzene	6.89	146	1211	0.118	ng	# 82
14) 1,2-Dichlorobenzene	6.89	146	1211	0.126	ng	# 83
15) Benzyl Alcohol	7.02	79	10084	1.384	ng	# 49
17) 2-Methylphenol	7.29	107	224	0.032	ng	# 9
18) Hexachloroethane	7.13	117	239	0.063	ng	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	77670	13.693	ng	# 75
20) 3+4-Methylphenols	7.29	107	224	0.026	ng	# 44
22) Acetophenone	7.27	105	1050	0.081	ng	# 49
24) Nitrobenzene	7.43	77	1731	0.184	ng	# 31
25) Isophorone	7.43	82	555776	34.293	ng	# 62
27) 2,4-Dimethylphenol	7.89	122	610	0.091	ng	# 3
31) Naphthalene	8.17	128	10798	0.400	ng	# 98
32) Benzoic acid	7.89	122	610	0.101	ng	# 82
33) 4-Chloroaniline	8.17	127	1337	0.115	ng	# 27
37) 2-Methylnaphthalene	8.87	142	6345	0.347	ng	# 86
38) 1-Methylnaphthalene	8.97	142	4557	0.265	ng	# 95
46) 1,1'-Biphenyl	9.33	154	5322	0.244	ng	# 98
47) 2-Chloronaphthalene	9.62	162	253	0.014	ng	# 1
48) 2-Nitroaniline	9.62	65	1119	0.224	ng	# 1
49) Acenaphthylene	9.77	152	40468	1.566	ng	# 99
50) Dimethylphthalate	9.62	163	127541	6.253	ng	# 100
51) 2,6-Dinitrotoluene	9.92	165	36125	8.145	ng	# 27
52) Acenaphthene	9.95	154	41526	2.633	ng	# 98
53) 3-Nitroaniline	10.12	138	252	0.048	ng	# 4
55) Dibenzofuran	10.12	168	19979	0.864	ng	# 90
56) 4-Nitrophenol	9.95	139	379	0.105	ng	# 7
57) 2,4-Dinitrotoluene	9.92	165	36125	6.102	ng	# 25
58) Fluorene	10.46	166	34235	1.864	ng	# 97

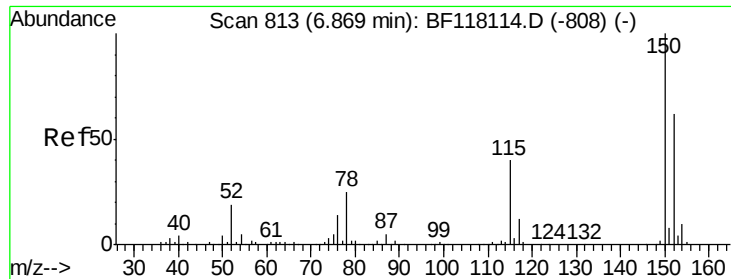
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Diethylphthalate	10.33	149	695	0.035	ng	# 59
62) 4-Nitroaniline	10.46	138	242	0.044	ng	# 17
63) Azobenzene	10.63	77	906	0.053	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.70	198	616	0.247	ng	# 1
66) n-Nitrosodiphenylamine	10.57	169	654	0.046	ng	# 1
67) 4-Bromophenyl-phenylether	10.71	248	16981	3.293	ng	# 1
71) Phenanthrene	11.43	178	423008	17.614	ng	99
72) Anthracene	11.48	178	210858	8.801	ng	99
73) Carbazole	11.64	167	32156	1.496	ng	96
74) Di-n-butylphthalate	11.96	149	3941	0.146	ng	# 93
75) Fluoranthene	12.63	202	1101337	44.854	ng	98
77) Benzidine	13.00	184	14138	1.977	ng	96
78) Pyrene	12.86	202	911116	42.564	ng	99
80) Butylbenzylphthalate	13.47	149	3208	0.331	ng	# 78
81) Benzo(a)anthracene	14.05	228	475071	25.293	ng	97
82) 3,3'-Dichlorobenzidine	14.03	252	1318	0.214	ng	# 1
83) Chrysene	14.09	228	460956	25.692	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	10059	0.787	ng	# 91
85) Di-n-octyl phthalate	14.63	149	331	0.017	ng	# 10
86) Indeno(1,2,3-cd)pyrene	17.05	276	182714	12.103	ng	95
88) Benzo(b)fluoranthene	15.12	252	728224	40.201	ng	99
89) Benzo(k)fluoranthene	15.12	252	728224	41.847	ng	# 98
90) Benzo(a)pyrene	15.49	252	342200	21.389	ng	98
91) Dibenzo(a,h)anthracene	17.29	278	31826	2.319	ng	93
92) Benzo(g,h,i)perylene	17.51	276	157248	11.925	ng	96

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

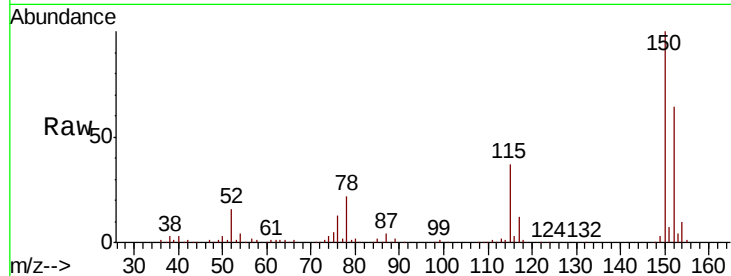


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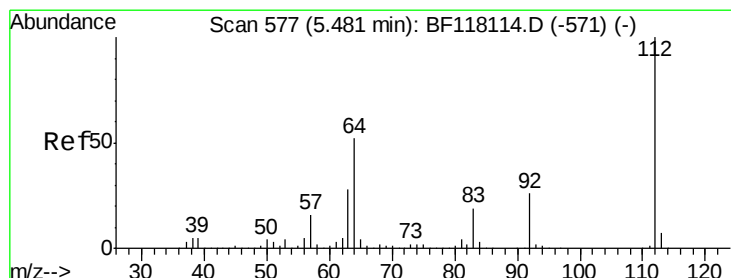
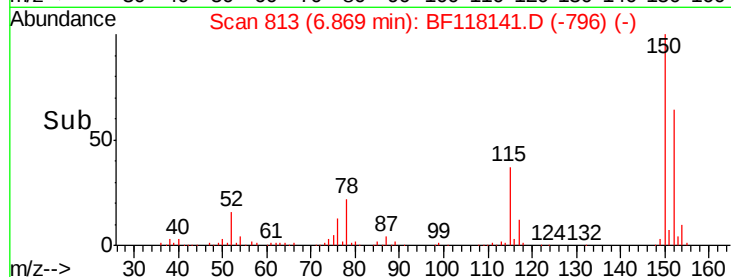
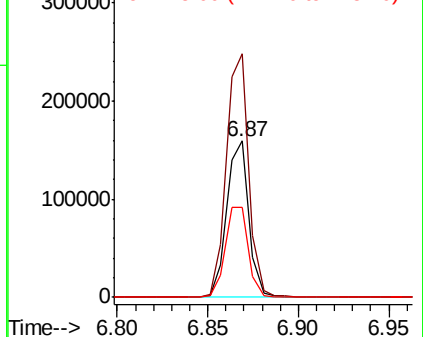
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135170
Ion Ratio Lower Upper
152 100
150 156.0 128.3 192.5
115 57.3 51.1 76.7



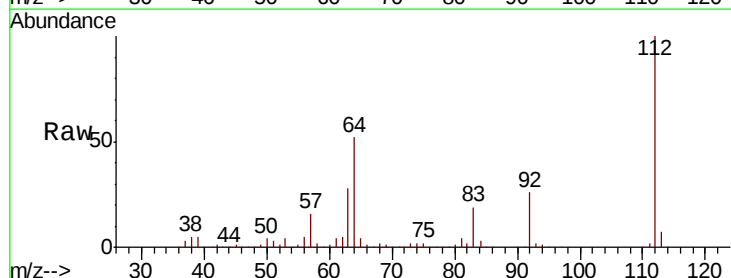
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



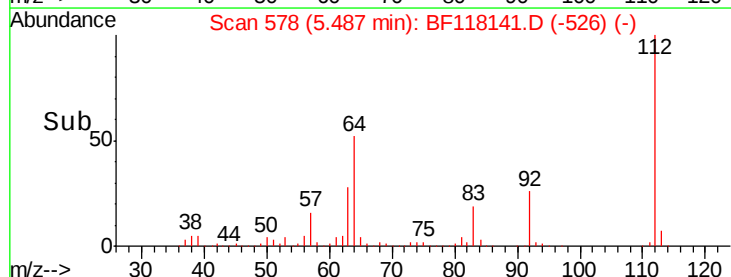
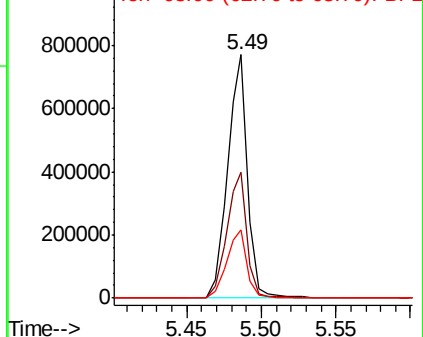
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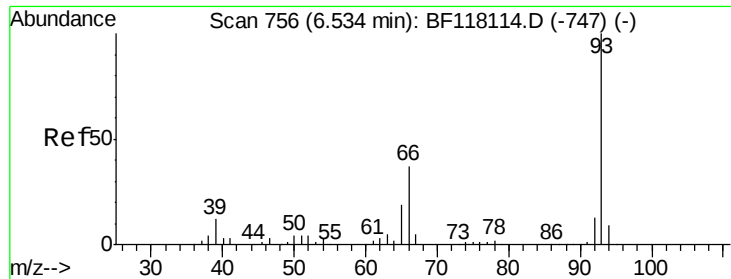
2-Fluorophenol
Concen: 94.280 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion:112 Resp: 727610
Ion Ratio Lower Upper
112 100
64 51.8 41.3 61.9
63 28.3 22.4 33.6



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: 0.129 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

Instrument :

BNA_F

ClientSampleId :

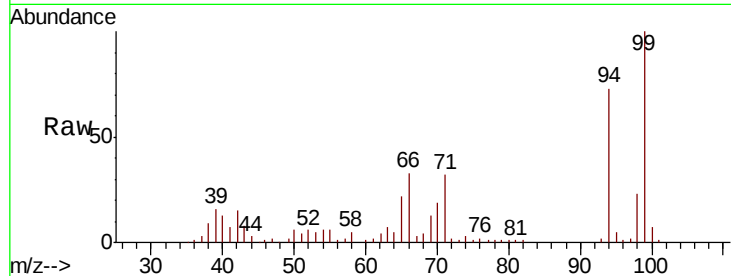
Tot Ion: 93 Resp: 1535

Ion Ratio Lower Upper

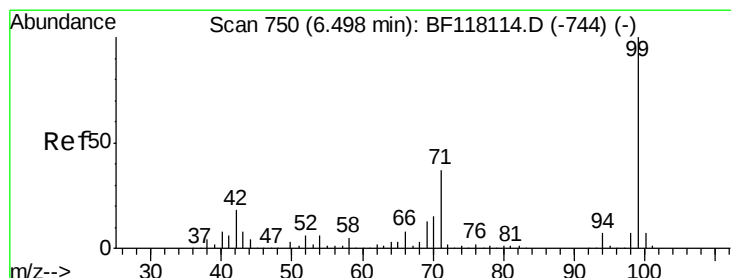
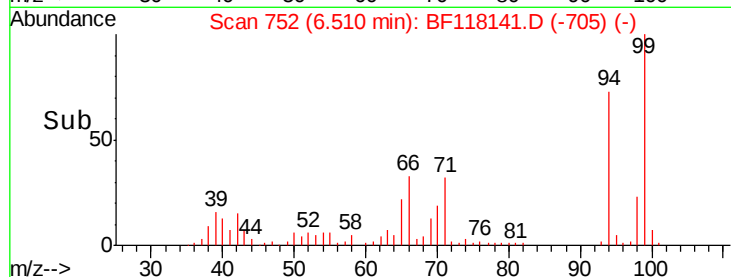
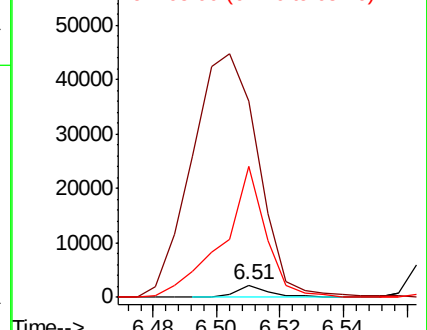
93 100

66 1625.5 30.2 45.2#

65 1079.4 15.5 23.3#



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: 100.936 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

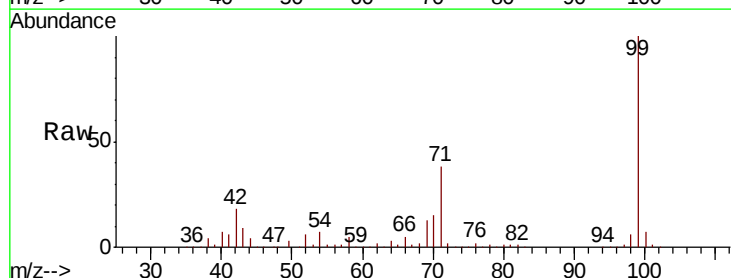
Tgt Ion: 99 Resp: 942193

Ion Ratio Lower Upper

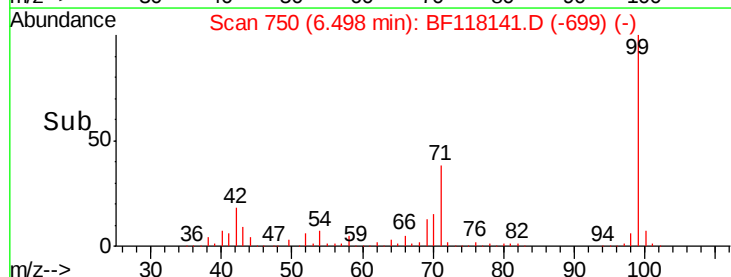
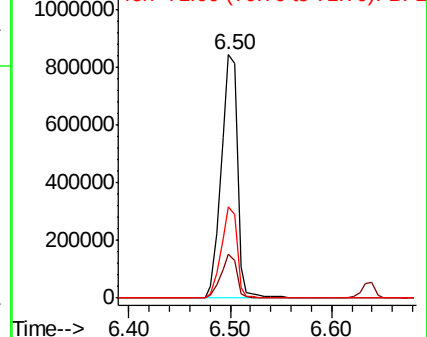
99 100

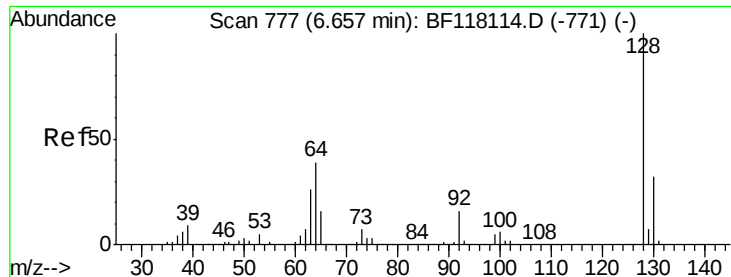
42 18.0 14.1 21.1

71 37.6 29.7 44.5



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

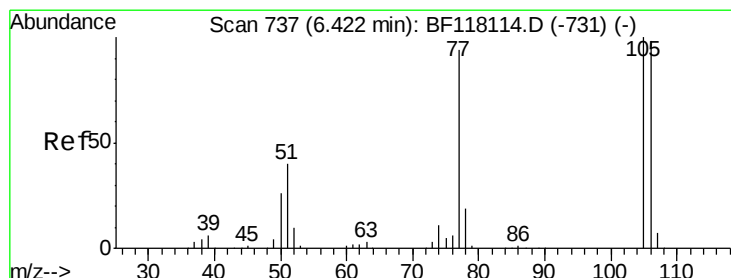
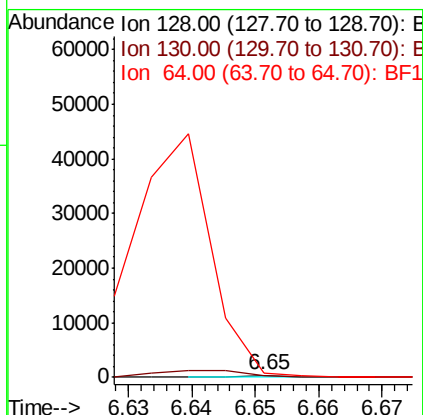
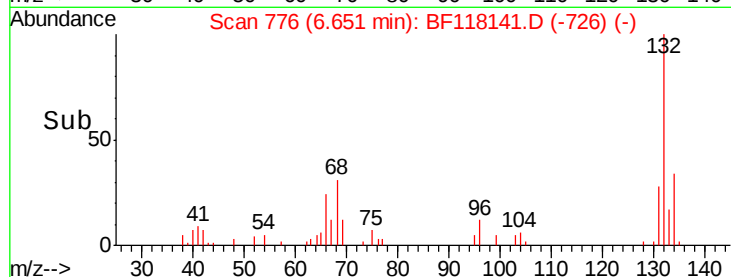
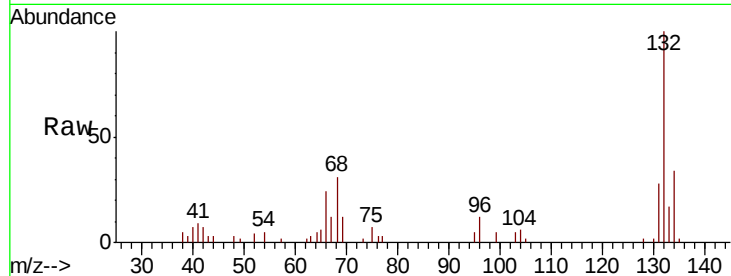




#8
2-Chlorophenol
Concen: 0.013 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

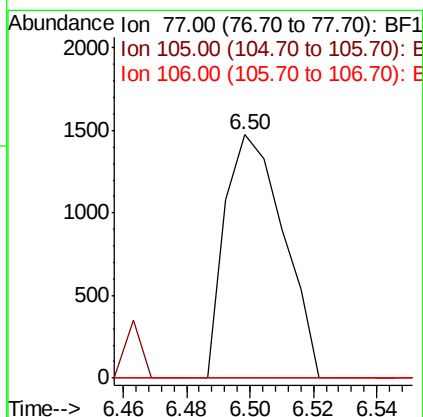
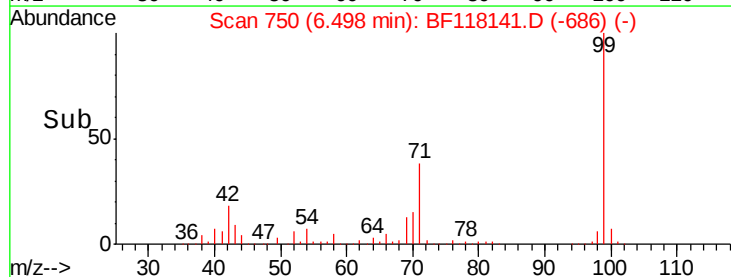
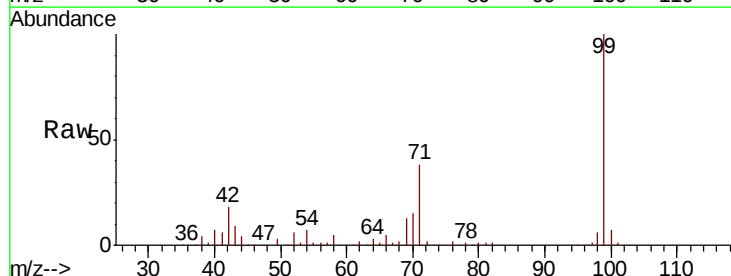
Instrument :
BNA_F
ClientSampled :

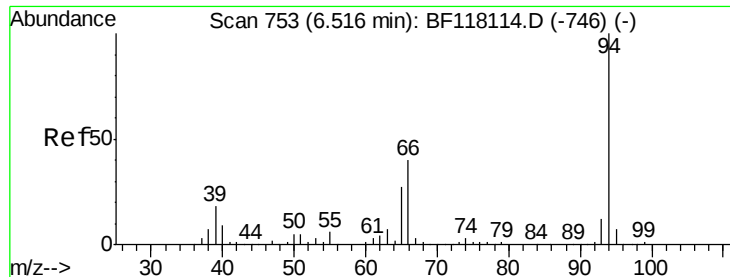
Tot Ion:128 Resp: 110
Ion Ratio Lower Upper
128 100
130 125.4 12.1 52.1#
64 263.7 19.3 59.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.50 min Scan# 750
Delta R.T. 0.08 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion: 77 Resp: 1876
Ion Ratio Lower Upper
77 100
105 0.0 86.4 126.4#
106 0.0 83.8 123.8#

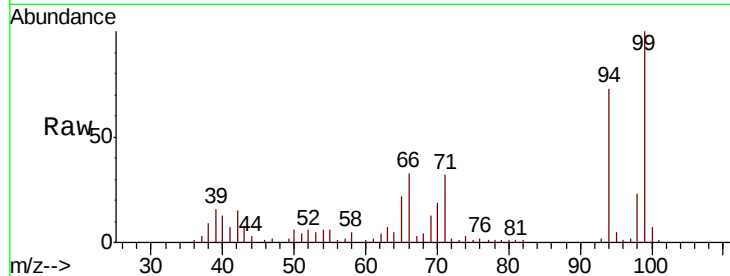




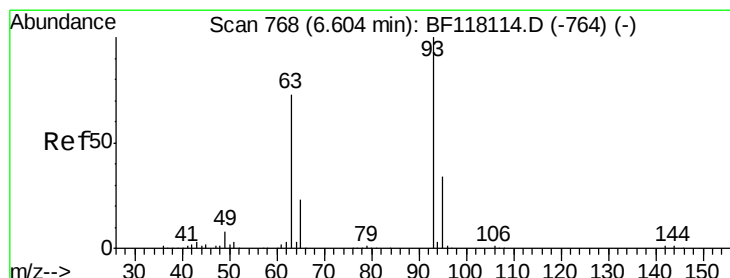
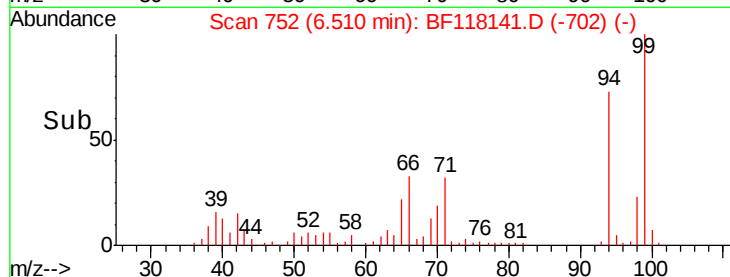
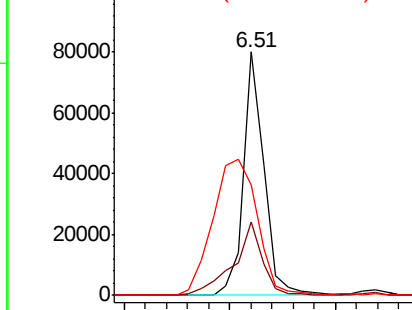
#10
Phenol
Concen: 5.046 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Instrument :
BNA_F
ClientSampled :

Tot Ion: 94 Resp: 53714
Ion Ratio Lower Upper
94 100
65 30.0 7.3 47.3
66 45.1 20.2 60.2

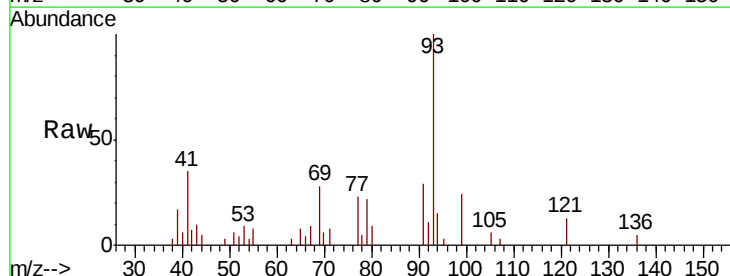


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

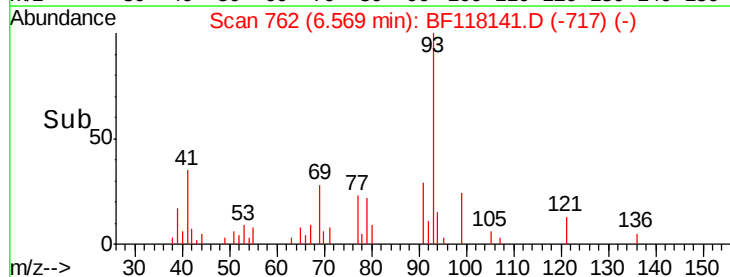
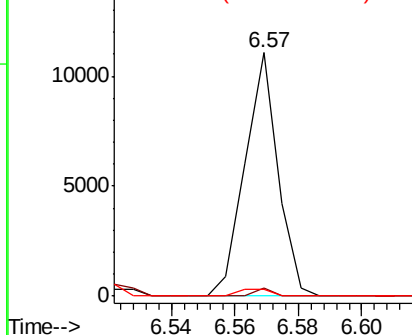


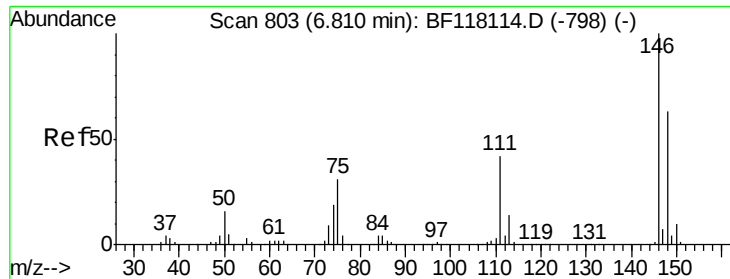
#11
bis(2-Chloroethyl)ether
Concen: 1.034 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.04 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion: 93 Resp: 7962
Ion Ratio Lower Upper
93 100
63 3.1 53.2 93.2#
95 2.9 13.8 53.8#



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

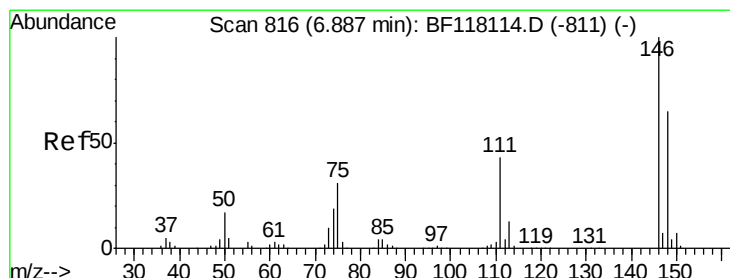
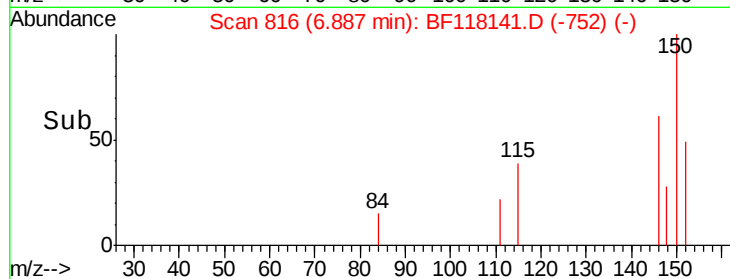
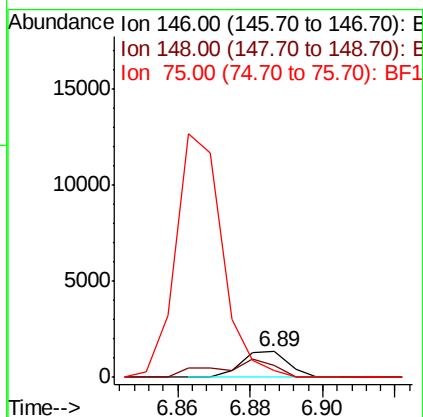
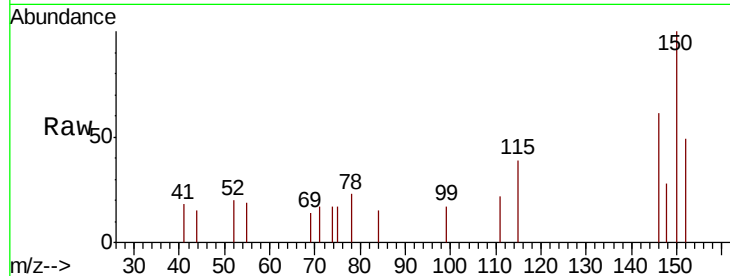




#12
 1,3-Dichlorobenzene
 Concen: 0.119 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.08 min
 Lab File: BF118141.D
 Acq: 7 Dec 2019 20:49

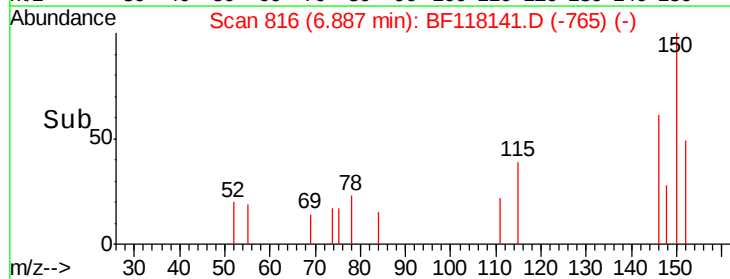
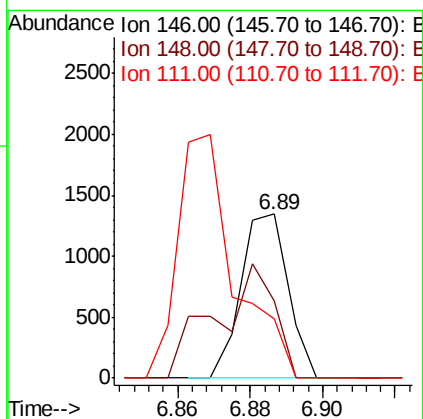
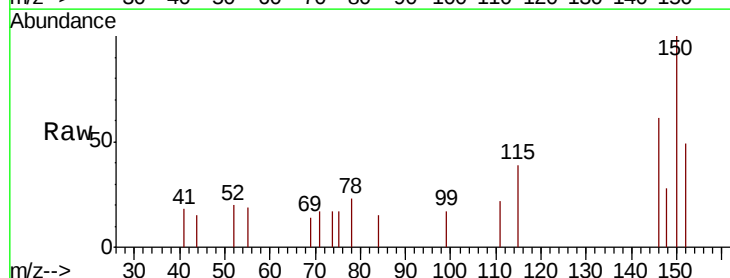
Instrument :
 BNA_F
 ClientSampleId :

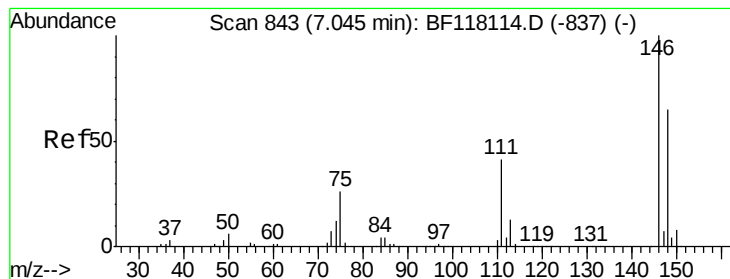
Tot Ion:146 Resp: 1211
 Ion Ratio Lower Upper
 146 100
 148 46.8 50.2 75.4#
 75 27.5 24.6 37.0



#13
 1,4-Dichlorobenzene
 Concen: 0.118 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF118141.D
 Acq: 7 Dec 2019 20:49

Tgt Ion:146 Resp: 1211
 Ion Ratio Lower Upper
 146 100
 148 46.8 52.1 78.1#
 111 36.3 34.6 52.0





#14

1,2-Dichlorobenzene

Concen: 0.126 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.16 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

Instrument :

BNA_F

ClientSampled :

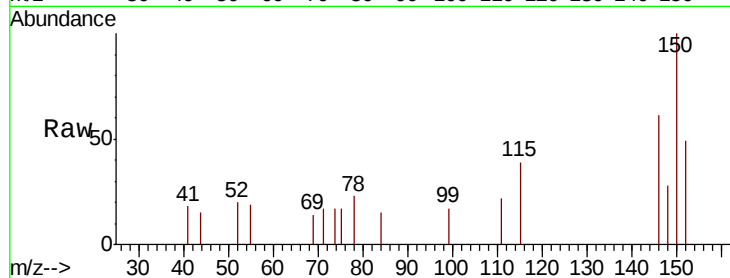
Tot Ion:146 Resp: 1211

Ion Ratio Lower Upper

146 100

148 46.8 52.2 78.2#

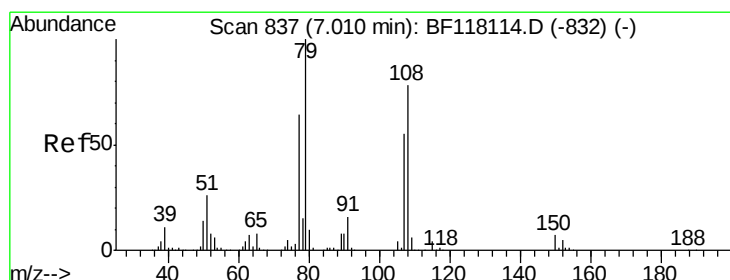
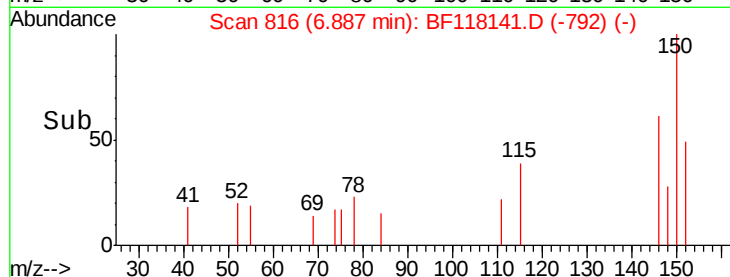
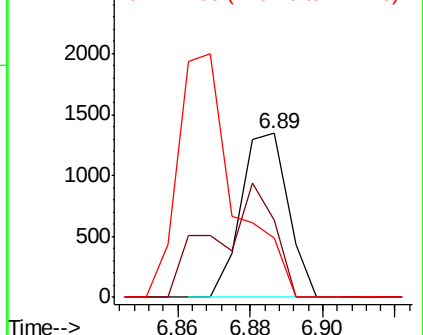
111 36.3 33.1 49.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.384 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

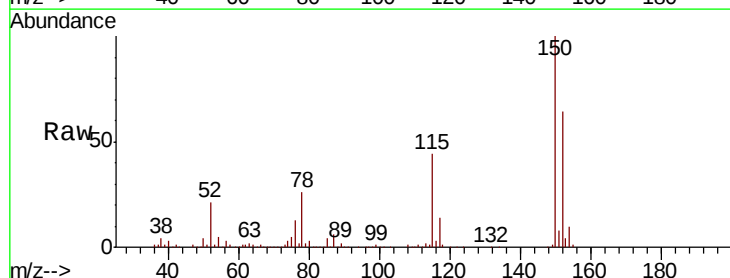
Tgt Ion: 79 Resp: 10084

Ion Ratio Lower Upper

79 100

108 33.1 62.7 94.1#

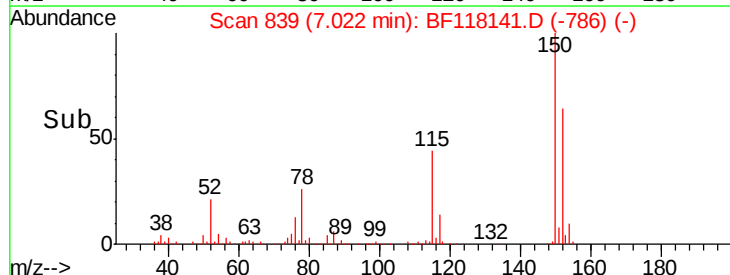
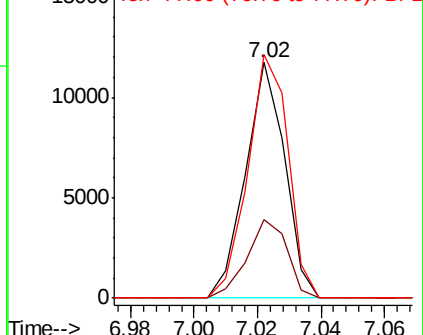
77 103.2 51.4 77.2#

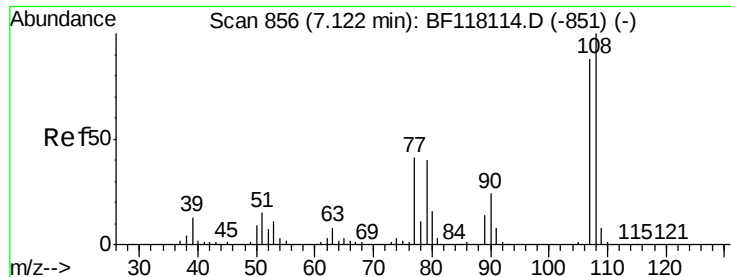


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1





#17

2-Methylphenol

Concen: 0.032 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.16 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 224

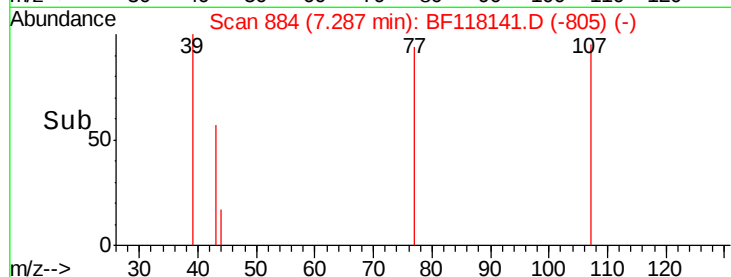
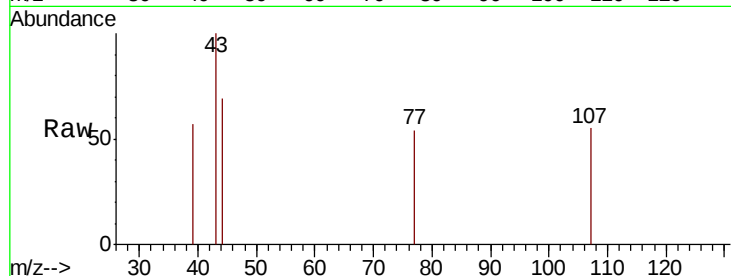
Ion Ratio Lower Upper

107 100

108 0.0 91.1 136.7#

77 98.8 37.8 56.6#

79 0.0 37.0 55.6#



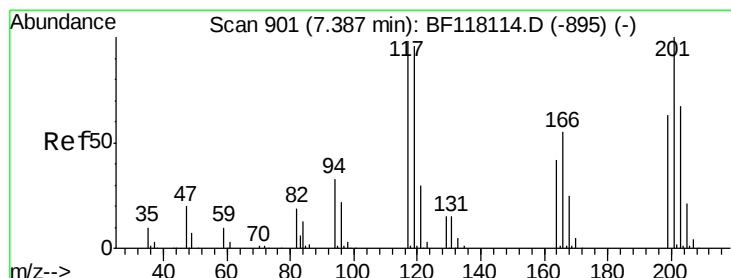
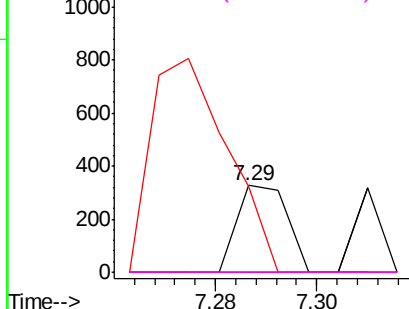
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 0.063 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.26 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

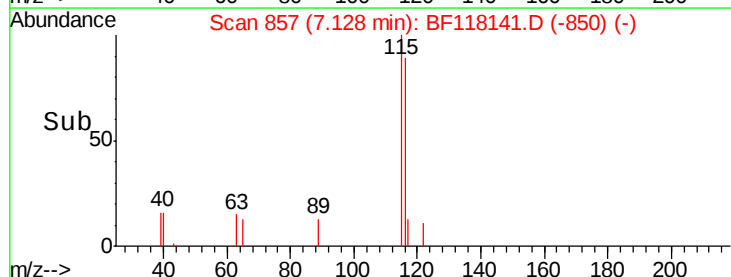
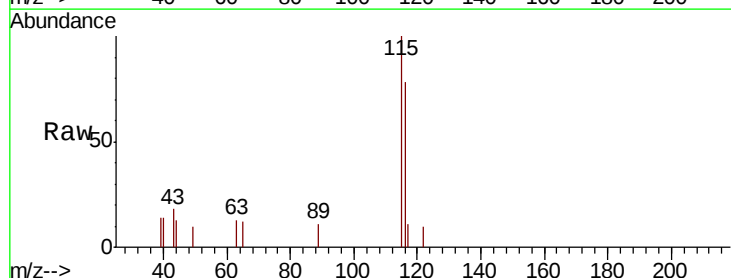
Tgt Ion:117 Resp: 239

Ion Ratio Lower Upper

117 100

119 0.0 78.2 117.4#

201 0.0 81.6 122.4#

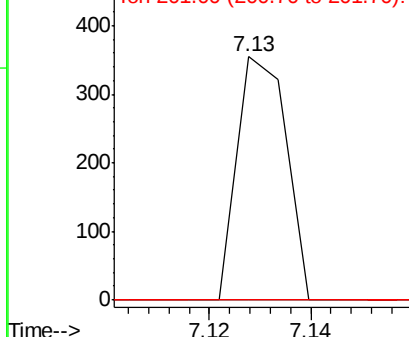


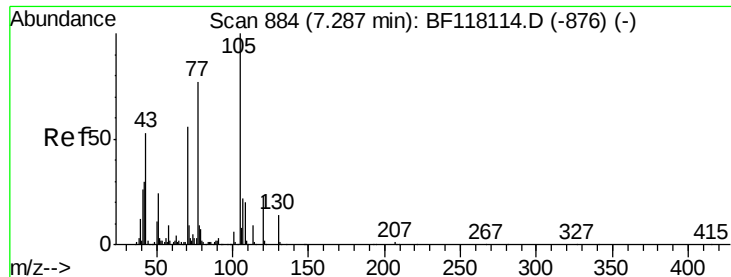
Abundance

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

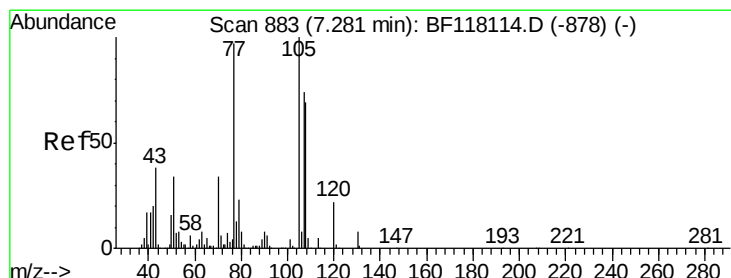
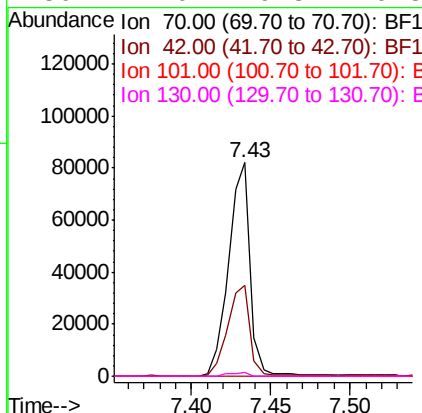
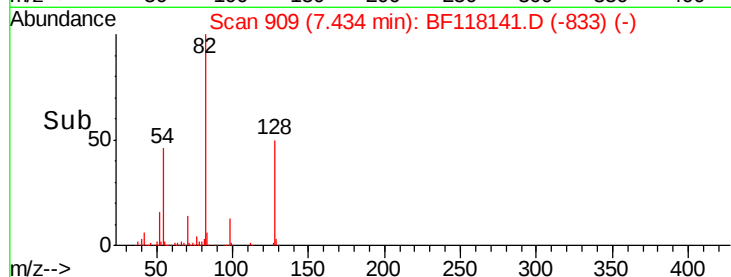
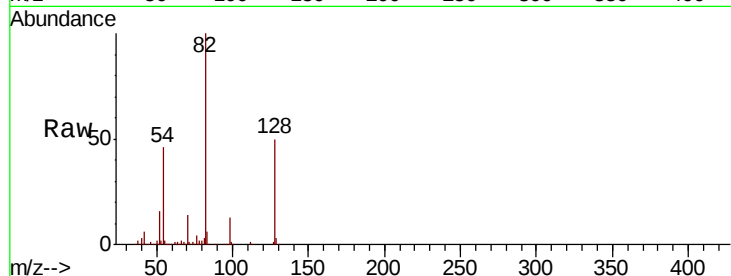




#19
n-Nitroso-di-n-propylamine
Concen: 13.693 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

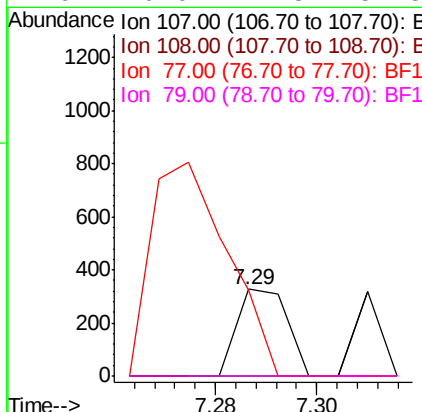
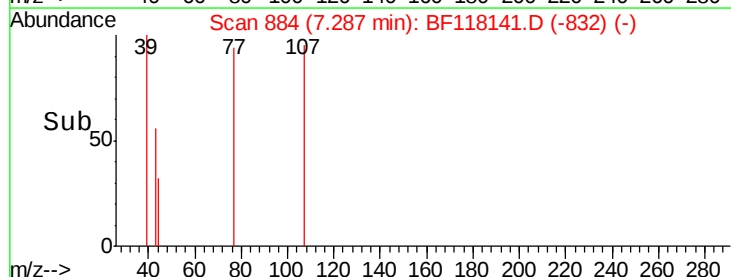
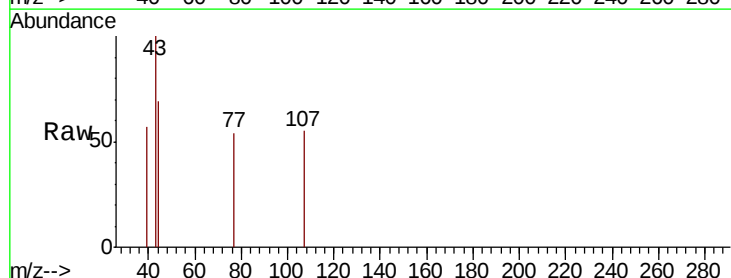
Instrument :
BNA_F
ClientSampleId :

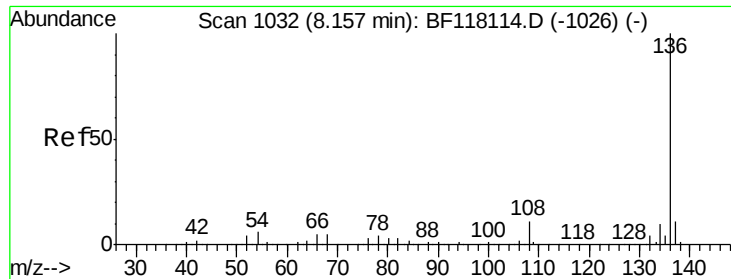
Tot Ion: 70 Resp: 77670
Ion Ratio Lower Upper
70 100
42 42.6 43.2 64.8#
101 0.0 8.1 12.1#
130 2.0 19.8 29.8#



#20
3+4-Methylphenols
Concen: 0.026 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion: 107 Resp: 224
Ion Ratio Lower Upper
107 100
108 0.0 73.2 113.2#
77 98.8 110.9 150.9#
79 0.0 11.5 51.5#

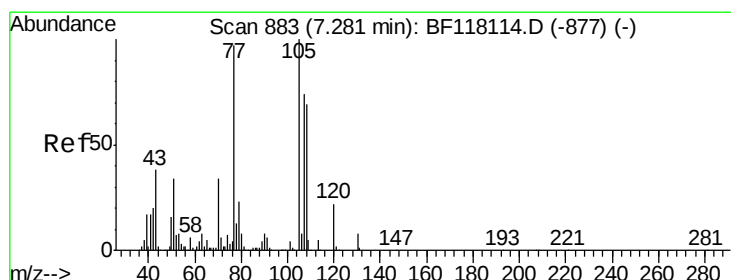
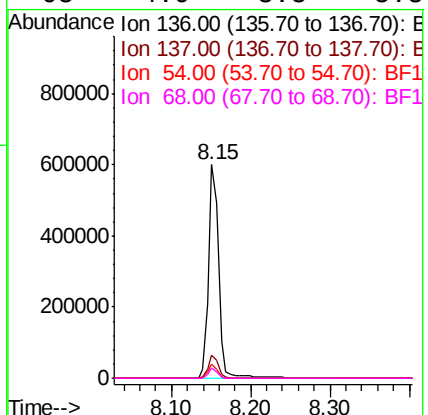
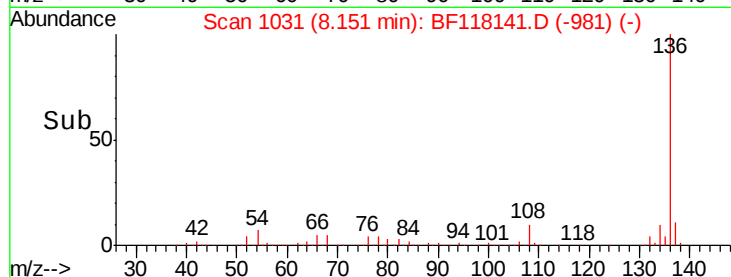
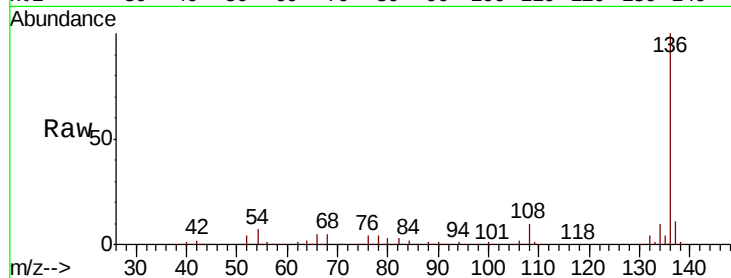




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

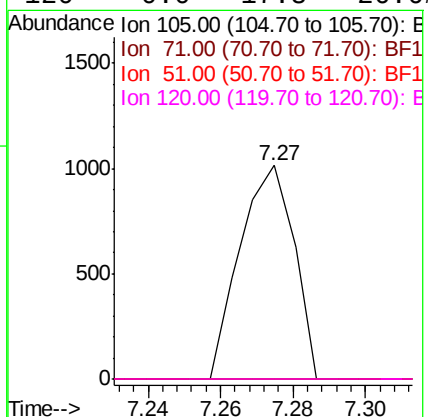
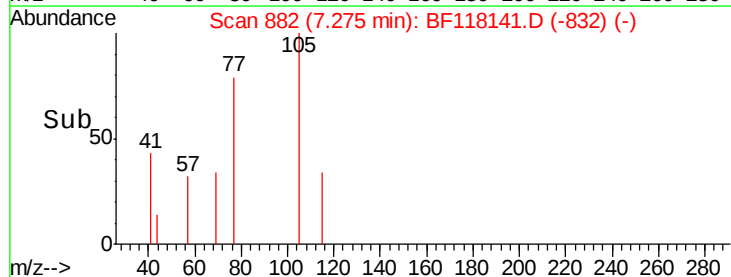
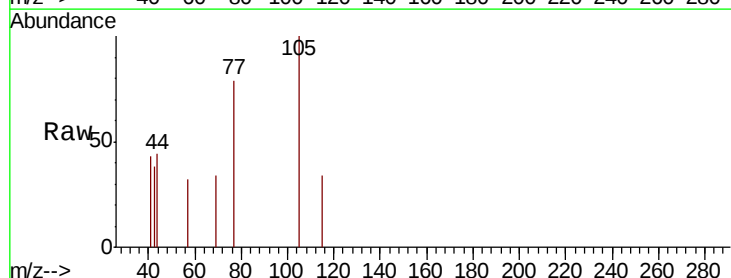
Instrument :
BNA_F
ClientSampleId :

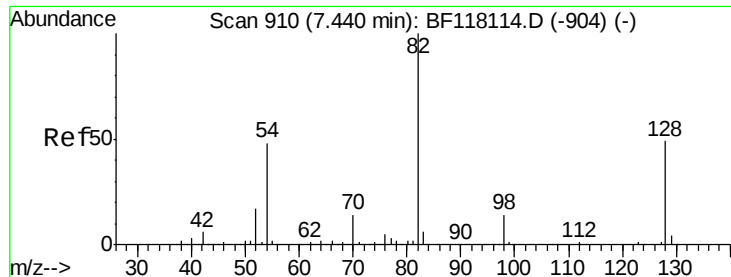
Tot Ion:136	Resp:	537847
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	6.6	5.0 7.6
68	4.9	3.8 5.8



#22
Acetophenone
Concen: 0.081 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion:105	Resp:	1050
Ion Ratio	Lower	Upper
105	100	
71	0.0	4.7 7.1#
51	0.0	27.1 40.7#
120	0.0	17.8 26.6#

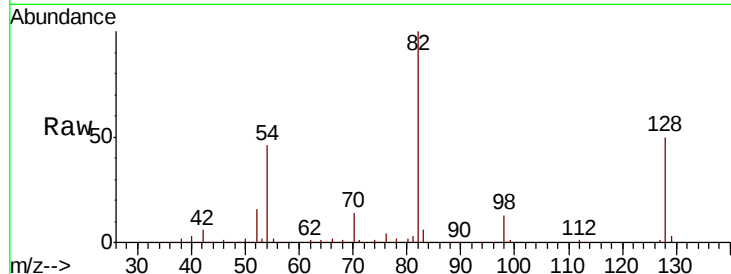




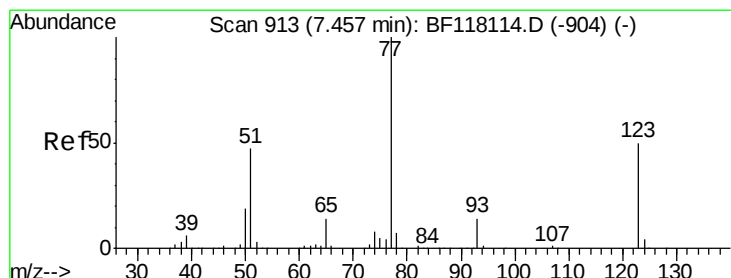
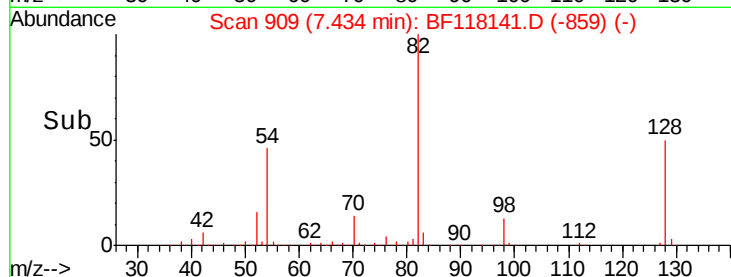
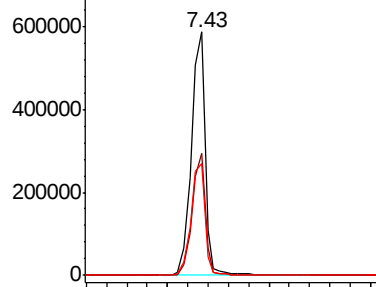
#23
Nitrobenzene-d5
Concen: 58.411 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 558429
Ion Ratio Lower Upper
82 100
128 50.0 39.1 58.7
54 45.7 38.2 57.2

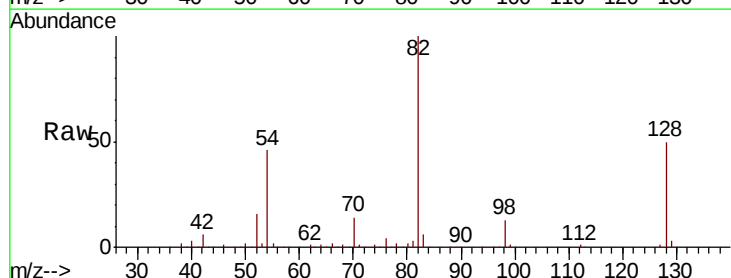


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

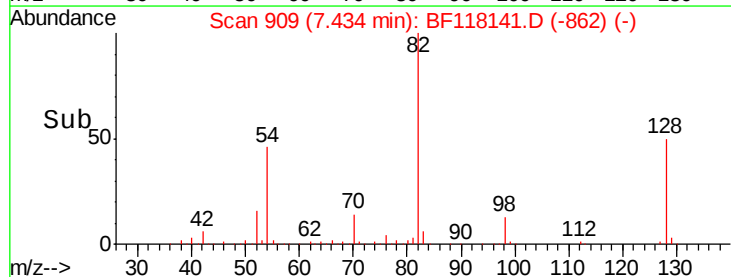
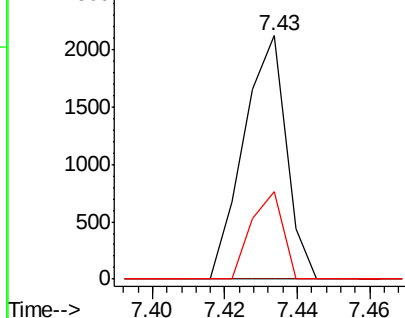


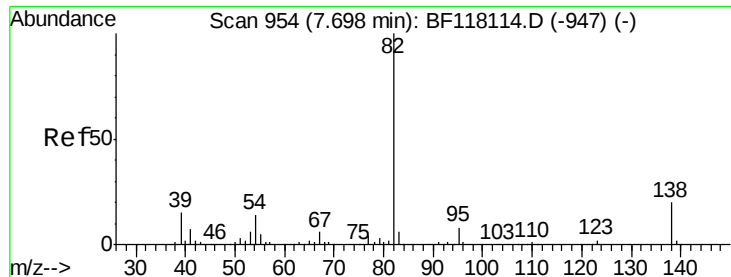
#24
Nitrobenzene
Concen: 0.184 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion: 77 Resp: 1731
Ion Ratio Lower Upper
77 100
123 0.0 40.1 60.1#
65 36.1 10.9 16.3#



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





#25

Isophorone

Concen: 34.293 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

Instrument :

BNA_F

ClientSampleId :

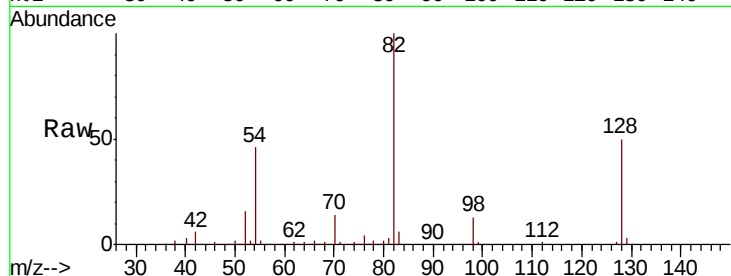
Tot Ion: 82 Resp: 555776

Ion Ratio Lower Upper

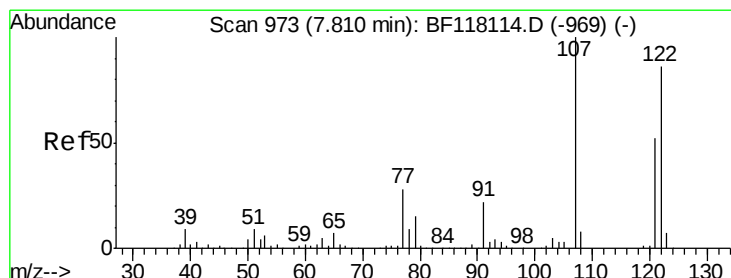
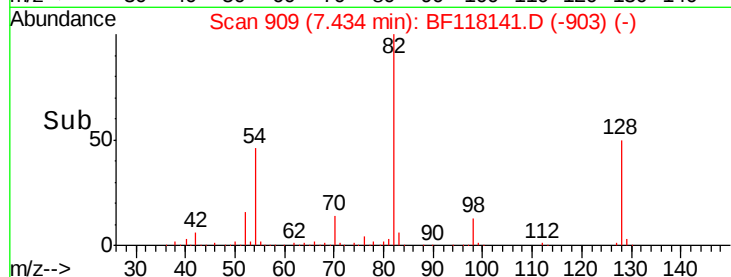
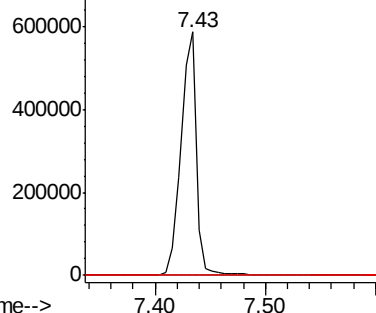
82 100

95 0.0 6.3 9.5#

138 0.0 16.3 24.5#



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): E



#27

2,4-Dimethylphenol

Concen: 0.091 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.08 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

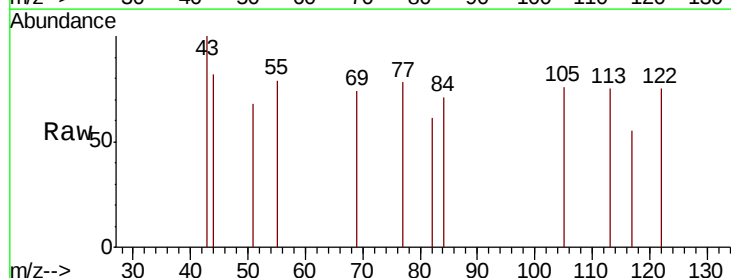
Tgt Ion: 122 Resp: 610

Ion Ratio Lower Upper

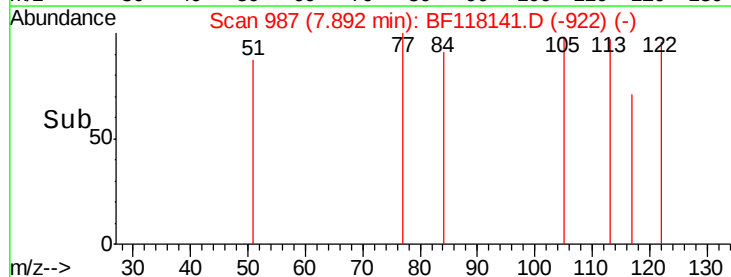
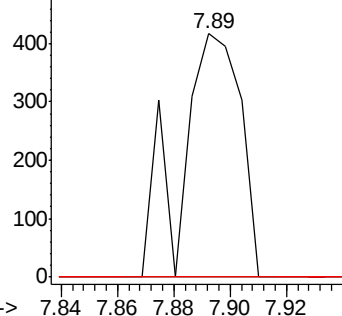
122 100

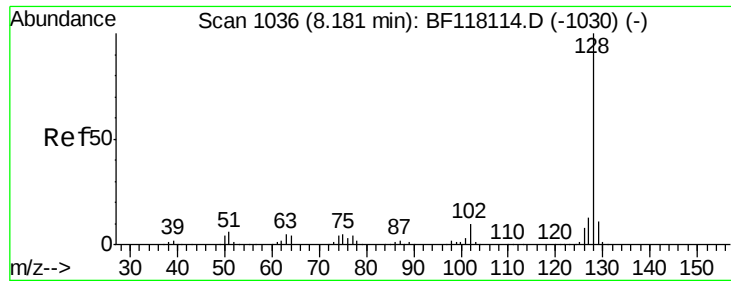
107 0.0 92.9 139.3#

121 0.0 48.3 72.5#



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

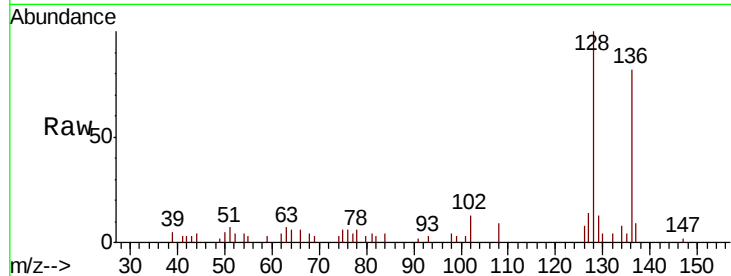




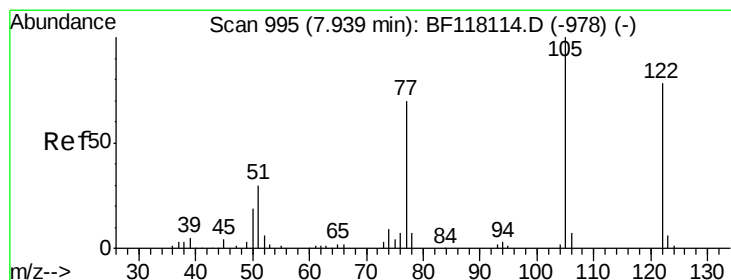
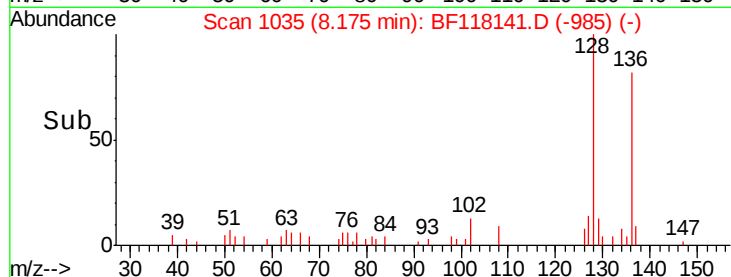
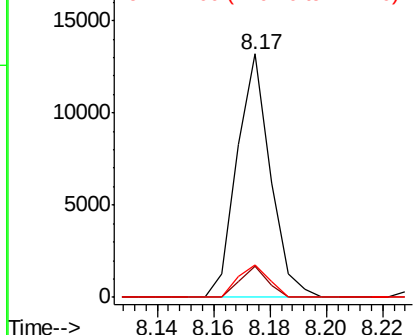
#31
Naphthalene
Concen: 0.400 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 10798
Ion Ratio Lower Upper
128 100
129 12.7 9.1 13.7
127 13.5 10.6 16.0

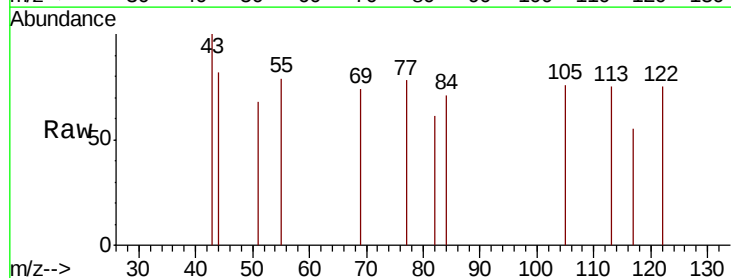


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

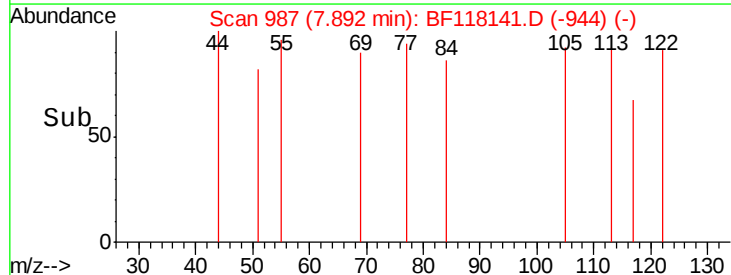
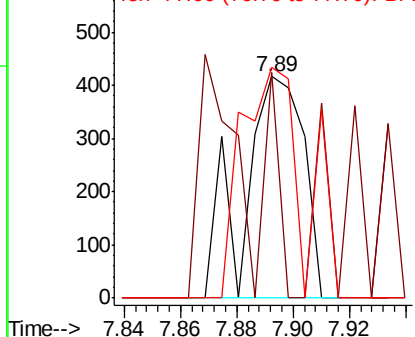


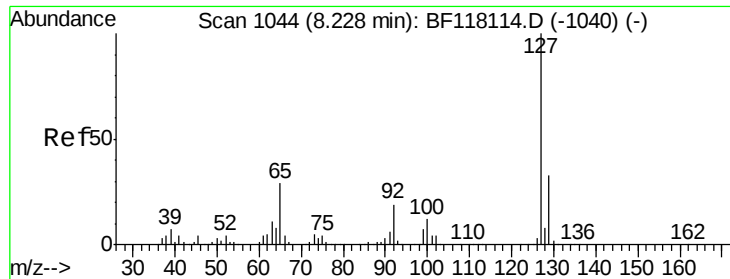
#32
Benzoic acid
Concen: 0.101 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.05 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion:122 Resp: 610
Ion Ratio Lower Upper
122 100
105 101.7 104.7 144.7#
77 103.8 69.1 109.1



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

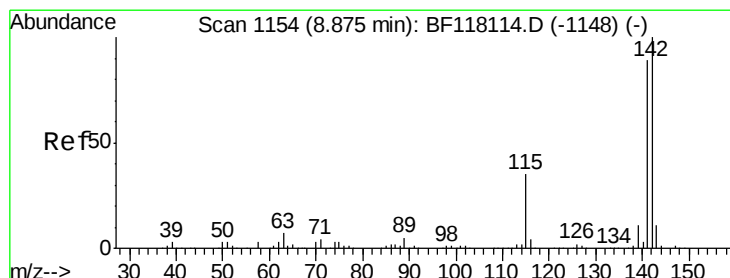
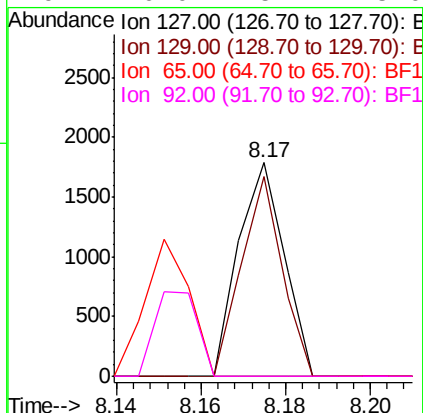
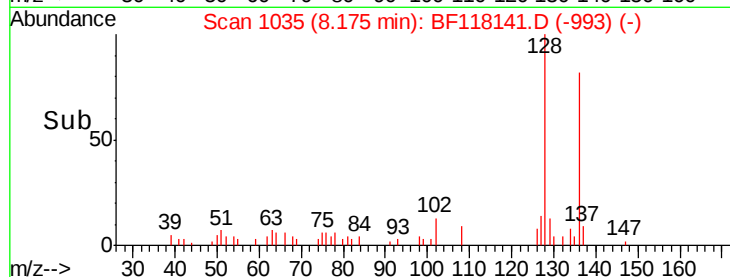
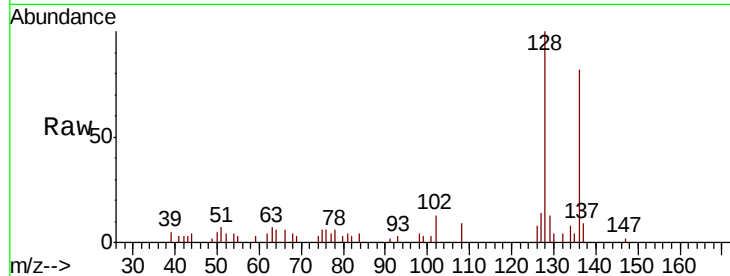




#33
4-Chloroaniline
Concen: 0.115 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

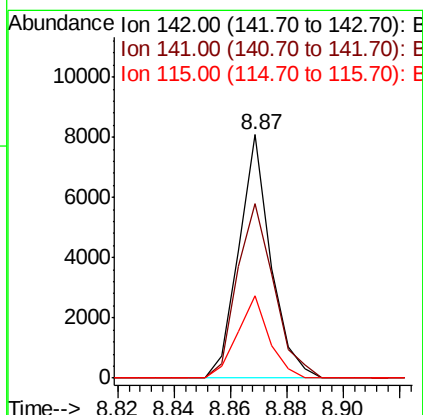
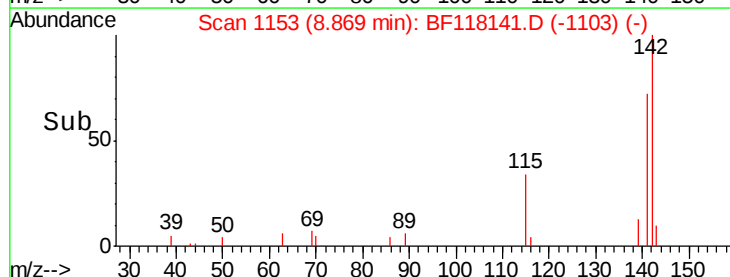
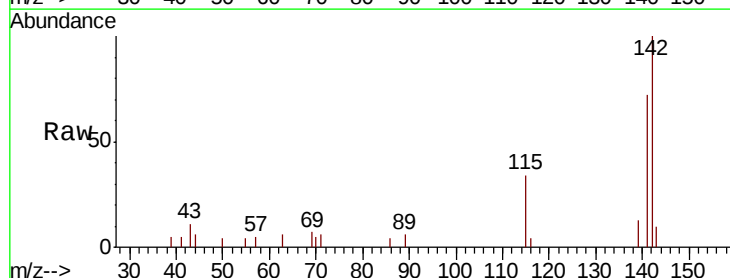
Instrument :
BNA_F
ClientSampled :

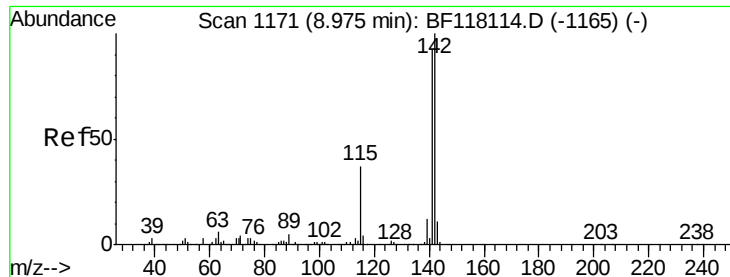
Tot Ion:127	Resp:	1337
Ion Ratio	Lower	Upper
127	100	
129	93.6	26.6 40.0#
65	0.0	23.2 34.8#
92	0.0	15.4 23.0#



#37
2-Methylnaphthalene
Concen: 0.347 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion:142	Resp:	6345
Ion Ratio	Lower	Upper
142	100	
141	71.8	71.4 107.0
115	33.6	28.2 42.4

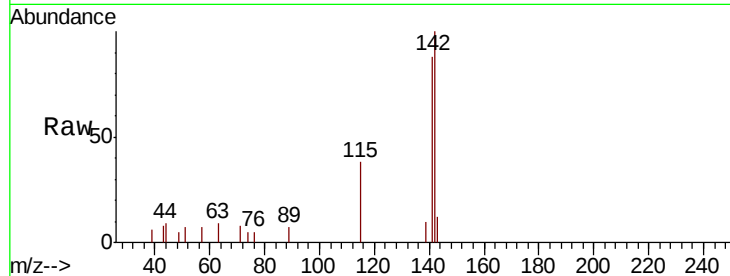




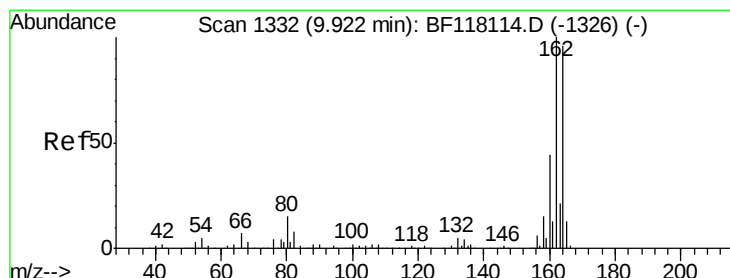
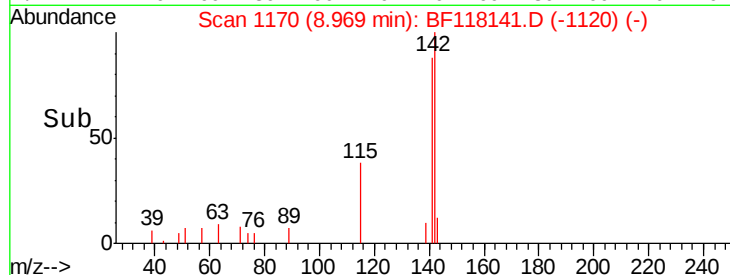
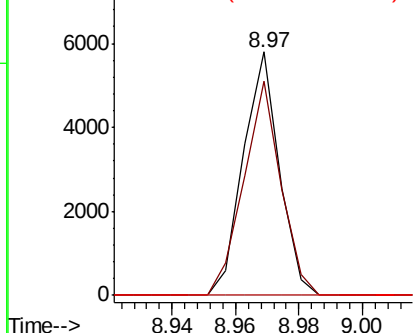
#38
1-Methylnaphthalene
Concen: 0.265 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 4557
Ion Ratio Lower Upper
142 100
141 88.0 74.0 111.0
116 0.0 3.2 4.8#

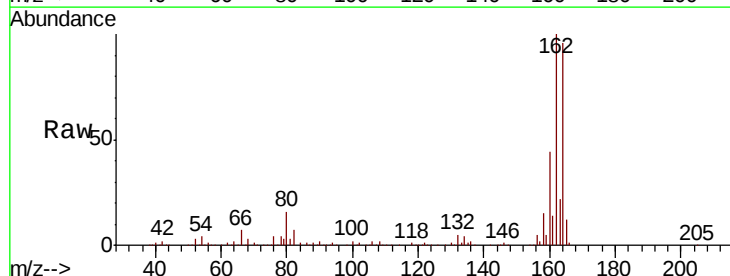


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

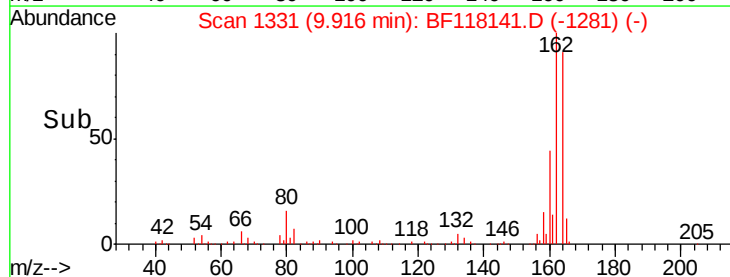
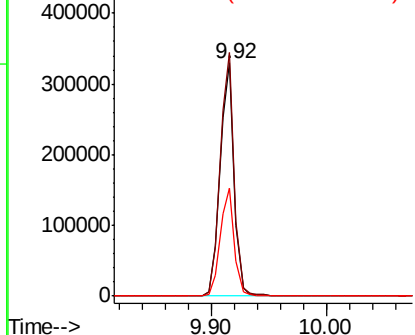


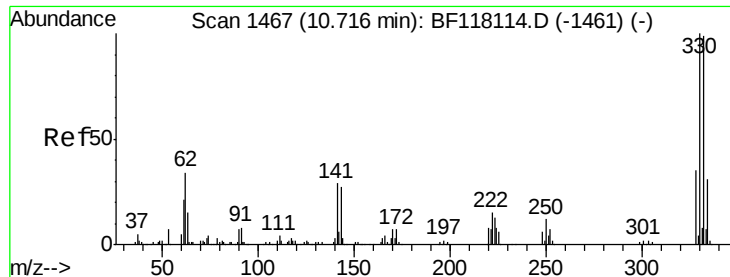
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion:164 Resp: 276157
Ion Ratio Lower Upper
164 100
162 104.6 83.4 125.0
160 46.2 36.6 54.8



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

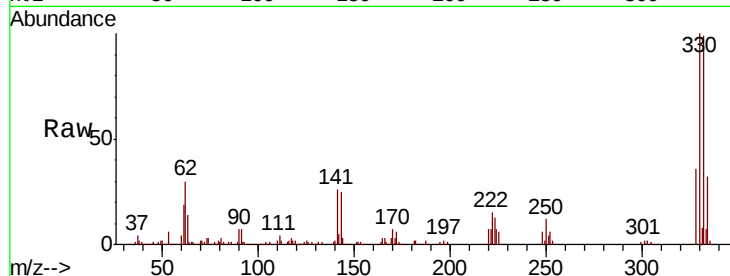




#42
 2,4,6-Tribromophenol
 Concen: 83.295 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118141.D
 Acq: 7 Dec 2019 20:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.1	117.1
141	33.6	26.9	40.3

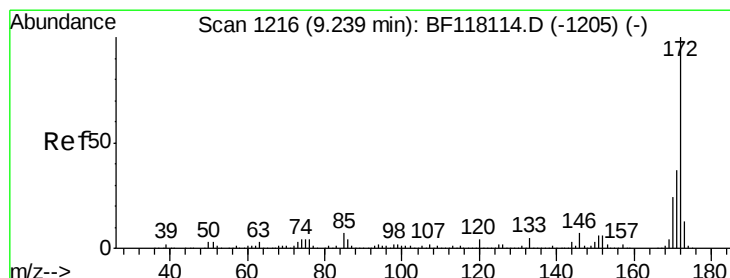
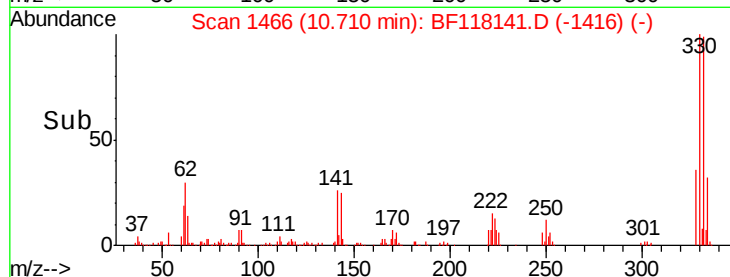
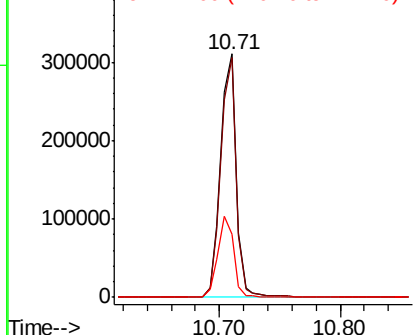


Abundance

Ion 329.80 (329.50 to 330.50): E

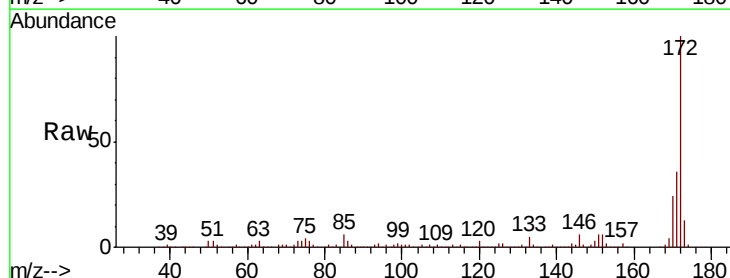
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 62.279 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118141.D
 Acq: 7 Dec 2019 20:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.6	19.4	29.2

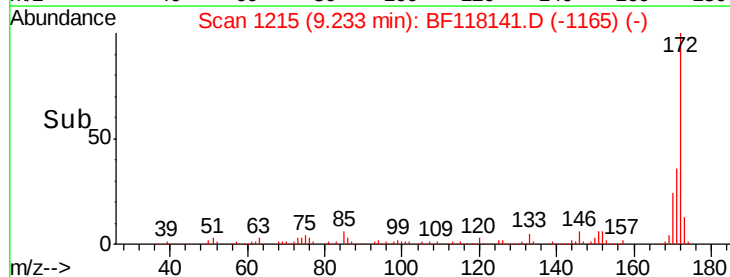
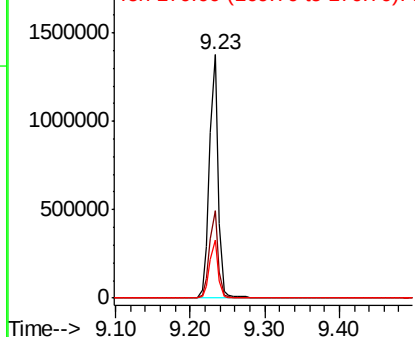


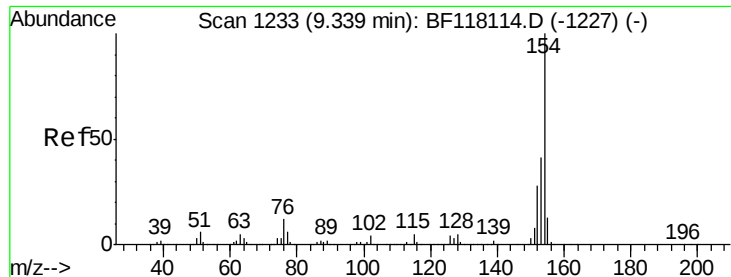
Abundance

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

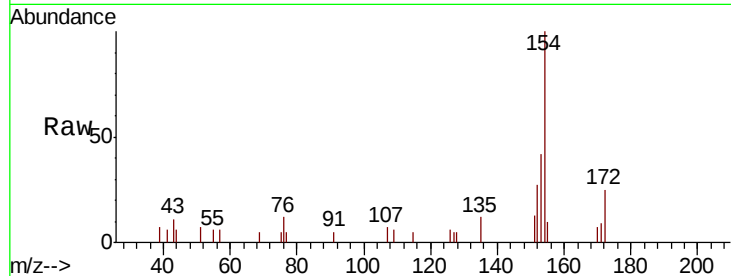




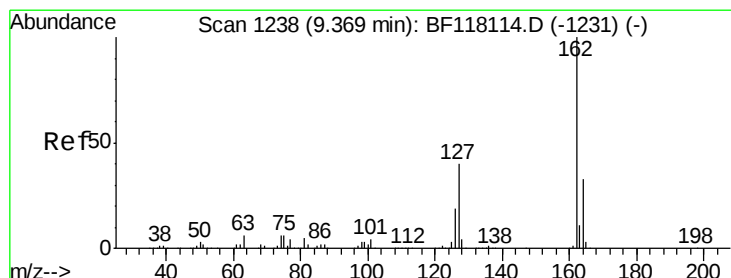
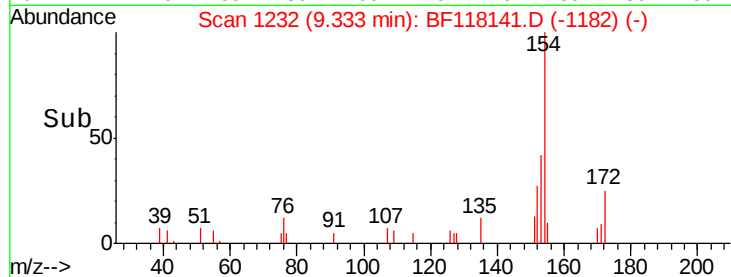
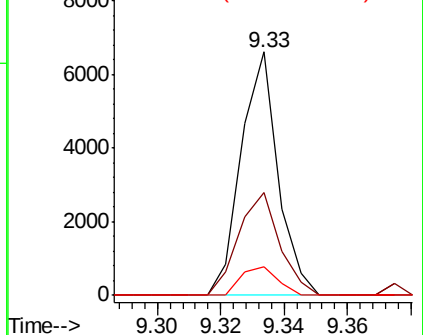
#46
 1,1'-Biphenyl
 Concen: 0.244 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF118141.D
 Acq: 7 Dec 2019 20:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 5322
 Ion Ratio Lower Upper
 154 100
 153 42.4 20.7 60.7
 76 12.0 0.0 31.9

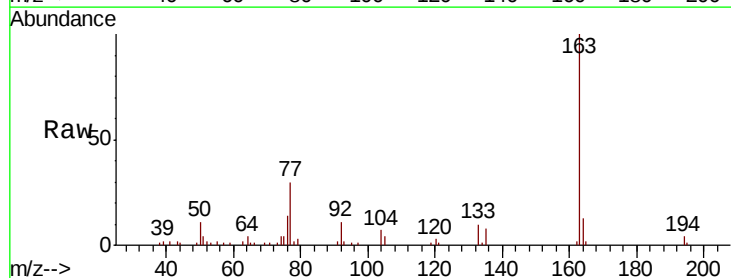


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

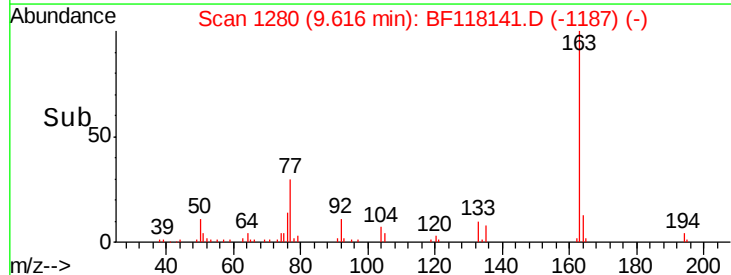
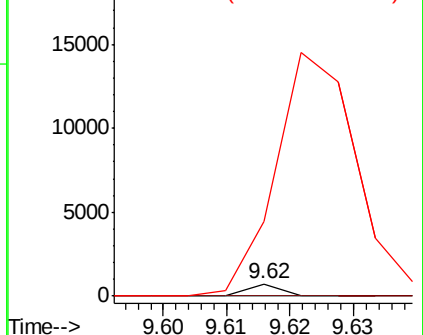


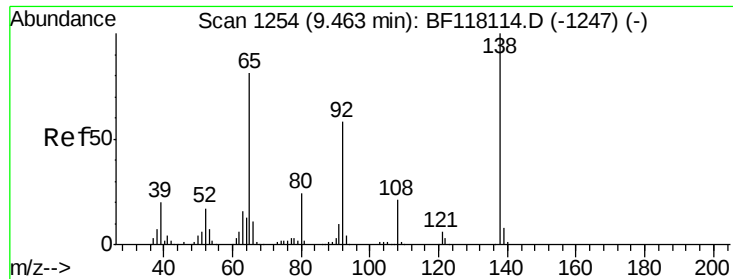
#47
 2-Chloronaphthalene
 Concen: 0.014 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. 0.25 min
 Lab File: BF118141.D
 Acq: 7 Dec 2019 20:49

Tgt Ion:162 Resp: 253
 Ion Ratio Lower Upper
 162 100
 127 0.0 32.0 48.0#
 164 624.9 26.1 39.1#



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

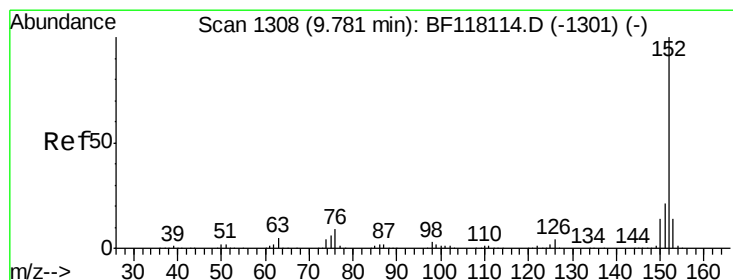
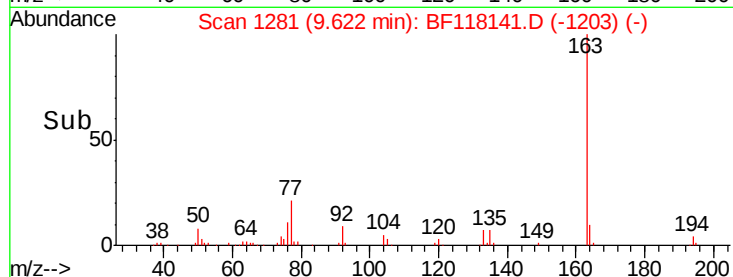
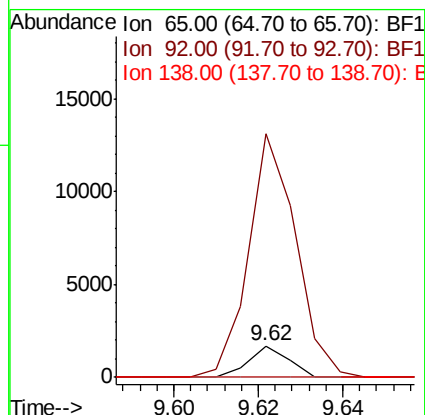
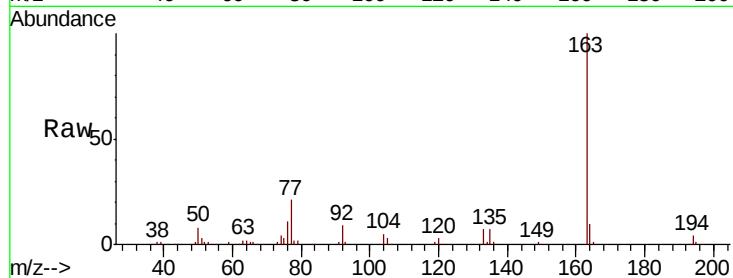




#48
 2-Nitroaniline
 Concen: 0.224 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.16 min
 Lab File: BF118141.D
 Acq: 7 Dec 2019 20:49

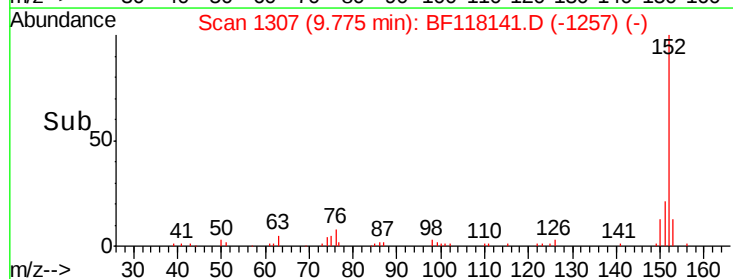
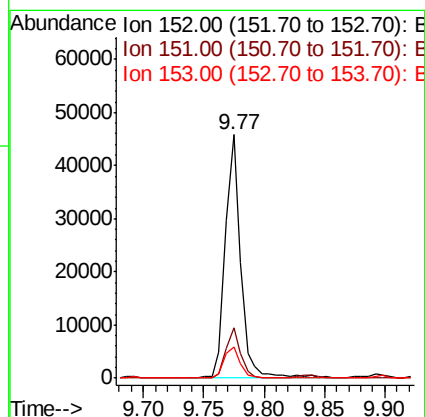
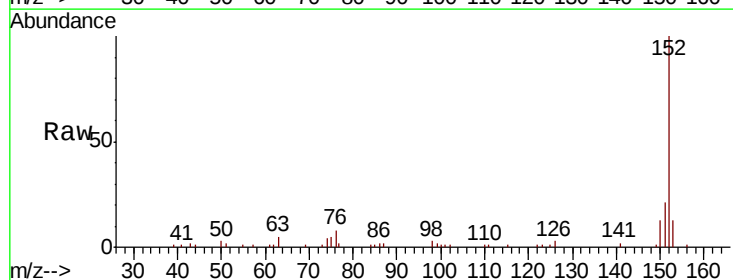
Instrument :
 BNA_F
 ClientSampleId :

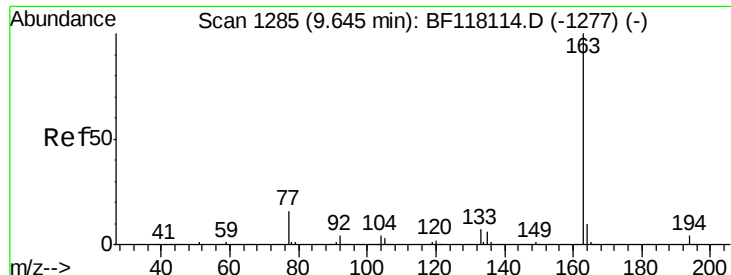
Tot Ion: 65 Resp: 1119
 Ion Ratio Lower Upper
 65 100
 92 771.8 57.8 86.6#
 138 0.0 98.8 148.2#



#49
 Acenaphthylene
 Concen: 1.566 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF118141.D
 Acq: 7 Dec 2019 20:49

Tgt Ion: 152 Resp: 40468
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.4 24.6
 153 13.0 10.8 16.2





#50

Dimethylphthalate

Concen: 6.253 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

Instrument :

BNA_F

ClientSampleId :

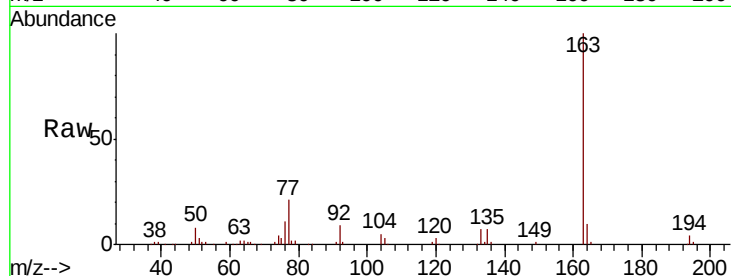
Tot Ion:163 Resp: 127541

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

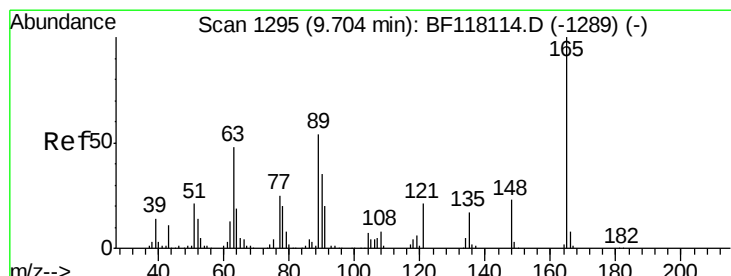
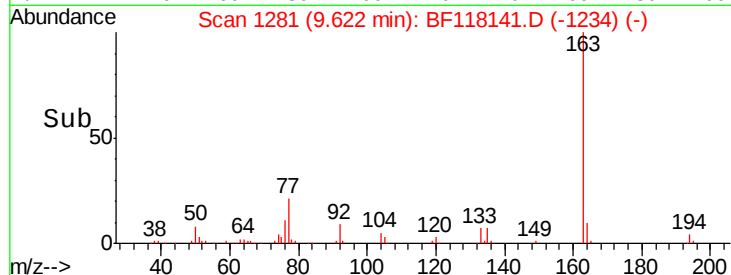
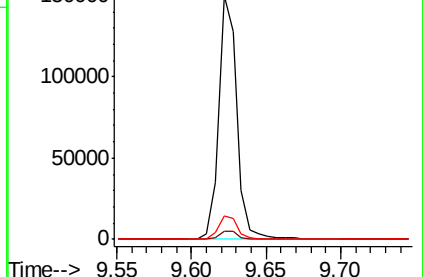
164 9.7 7.7 11.5



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: 8.145 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

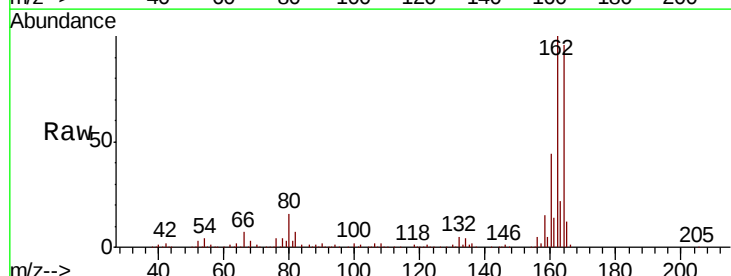
Tgt Ion:165 Resp: 36125

Ion Ratio Lower Upper

165 100

63 1.1 41.4 62.0#

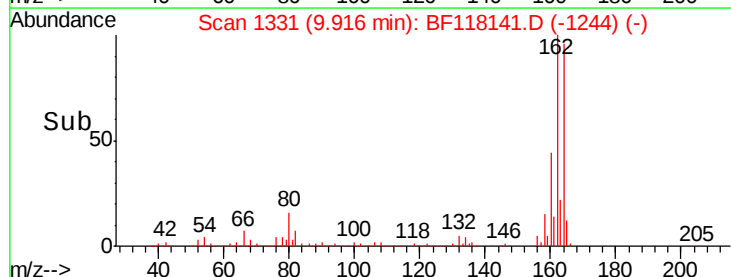
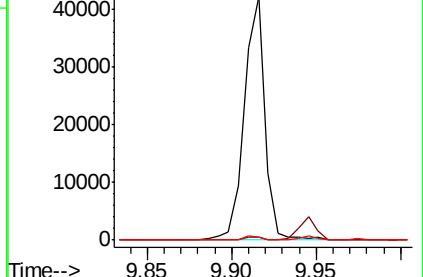
89 1.1 42.9 64.3#

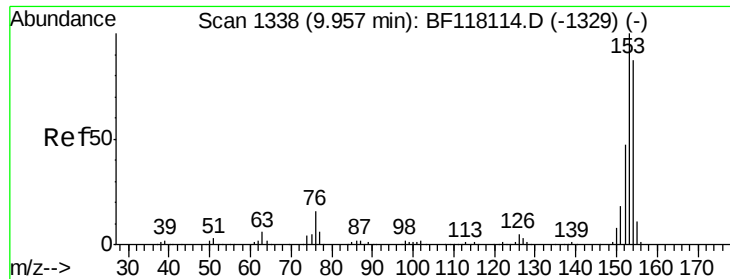


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 2.633 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

Instrument :

BNA_F

ClientSampleId :

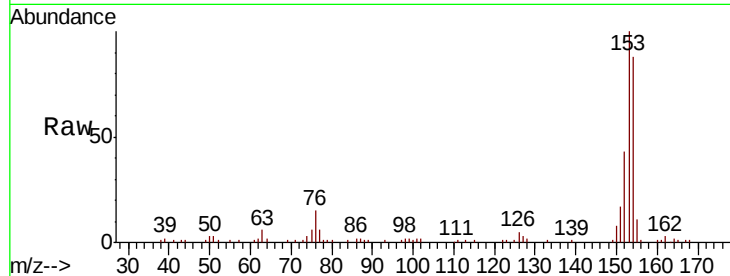
Tot Ion:154 Resp: 41526

Ion Ratio Lower Upper

154 100

153 114.1 91.8 137.6

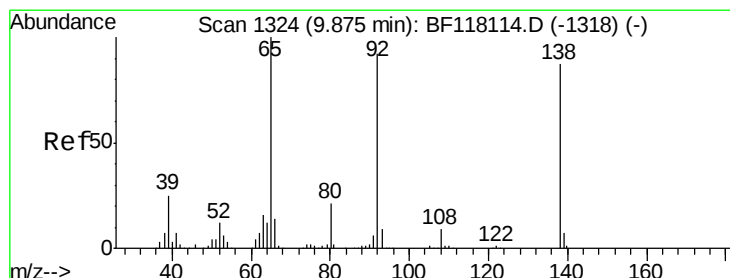
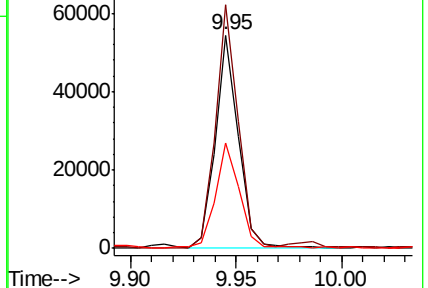
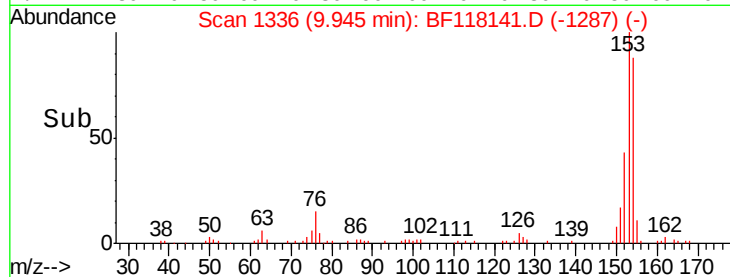
152 49.6 43.3 64.9



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: 0.048 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.24 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

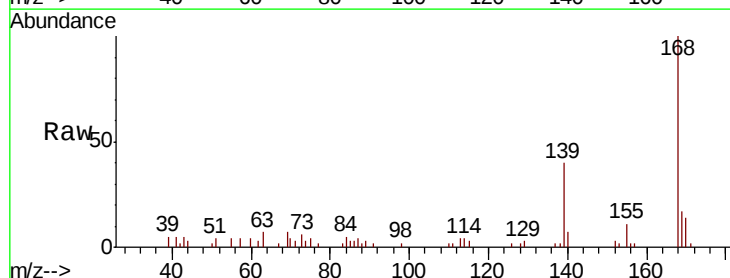
Tgt Ion:138 Resp: 252

Ion Ratio Lower Upper

138 100

108 0.0 8.2 12.4#

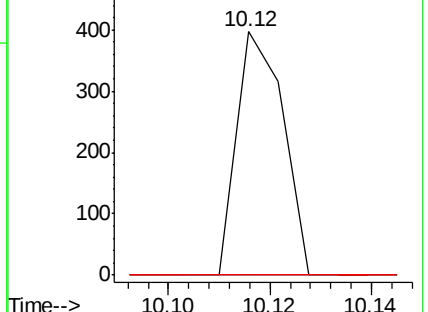
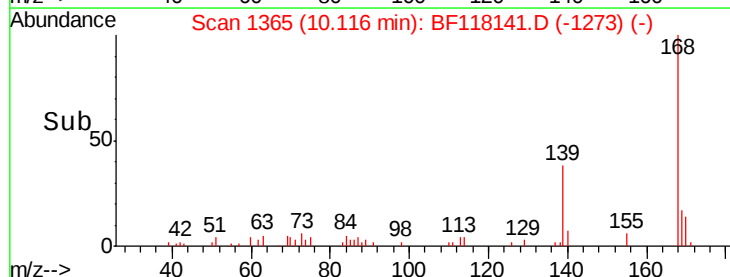
92 0.0 84.9 127.3#

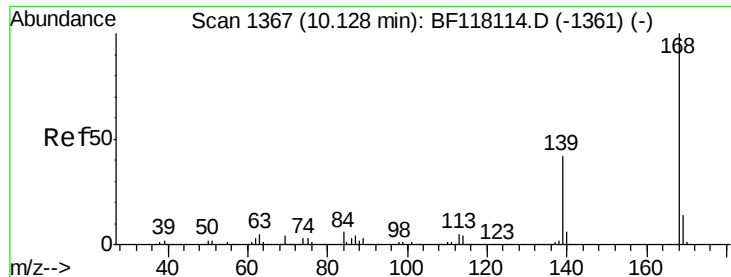


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

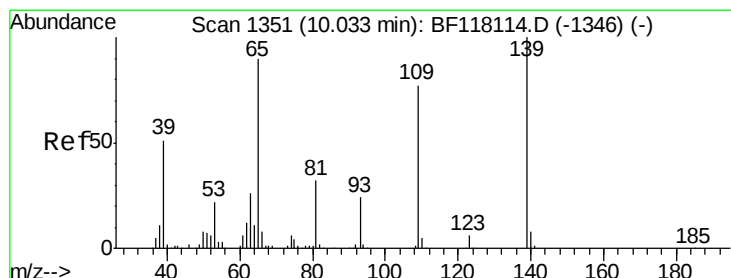
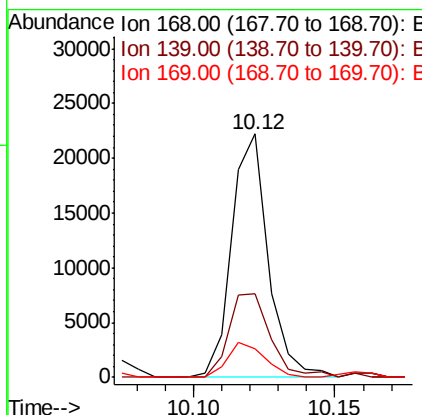
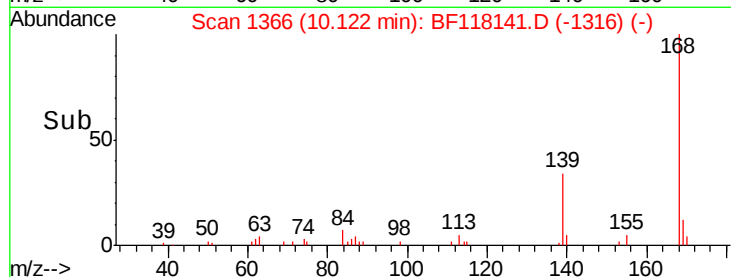
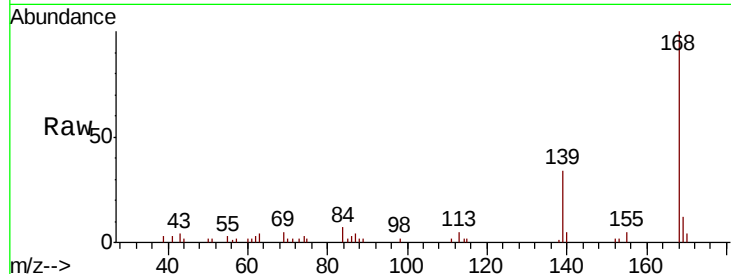




#55
Dibenzofuran
Concen: 0.864 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

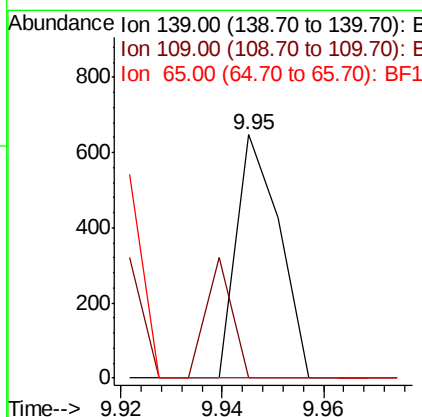
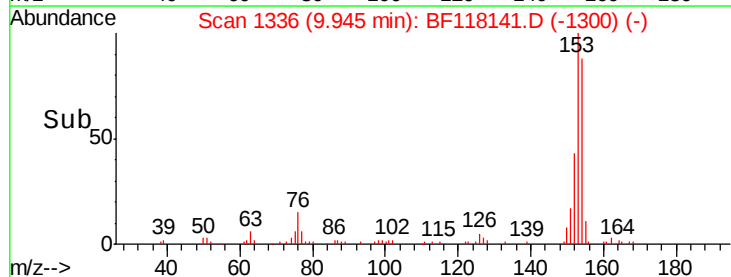
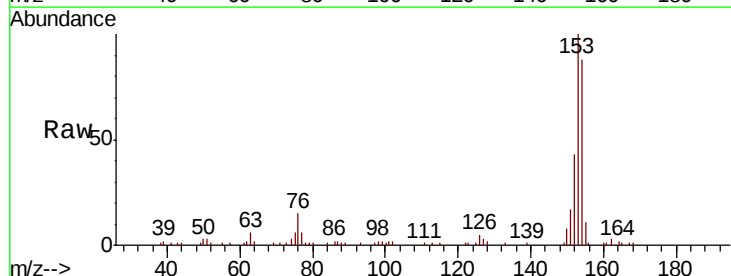
Instrument :
BNA_F
ClientSampleId :

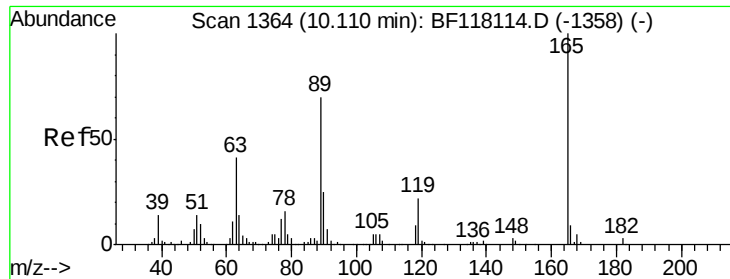
Tot Ion:168 Resp: 19979
Ion Ratio Lower Upper
168 100
139 34.3 33.4 50.0
169 11.7 11.0 16.6



#56
4-Nitrophenol
Concen: 0.105 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.09 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion:139 Resp: 379
Ion Ratio Lower Upper
139 100
109 0.0 57.3 97.3#
65 0.0 70.2 110.2#

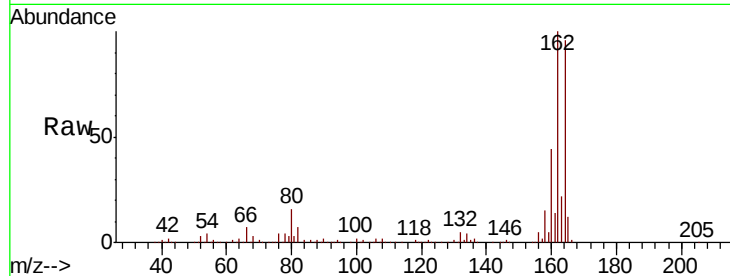




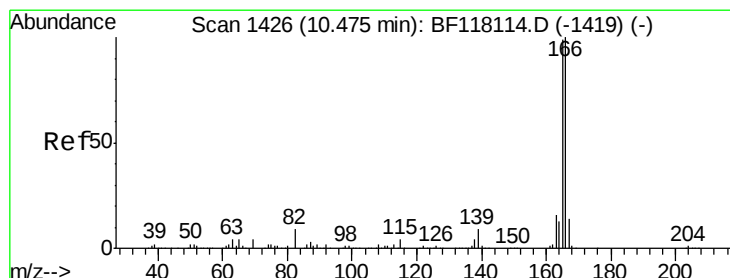
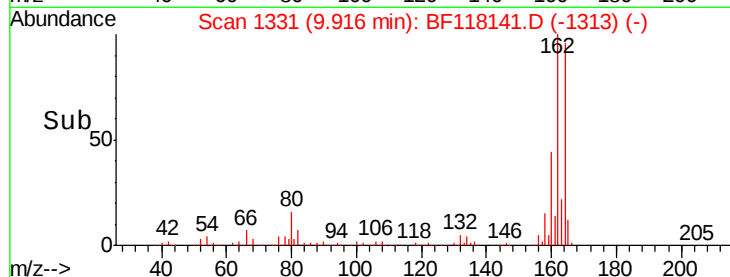
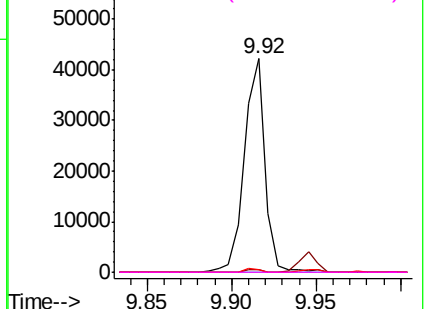
#57
 2,4-Dinitrotoluene
 Concen: 6.102 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118141.D
 Acq: 7 Dec 2019 20:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	36125
Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.6	49.0#
89	1.1	56.1	84.1#
182	0.0	2.1	3.1#

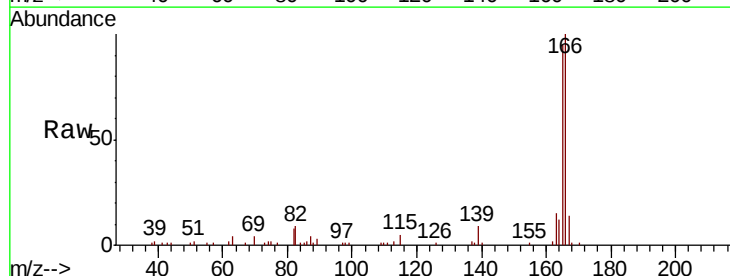


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

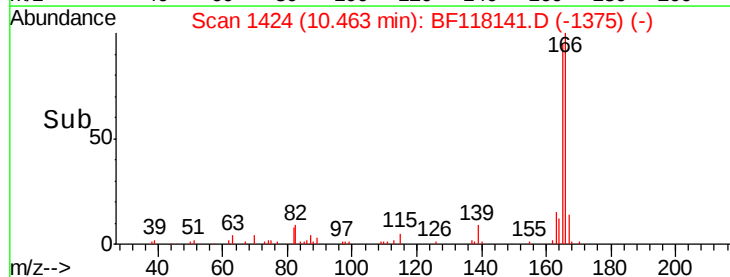
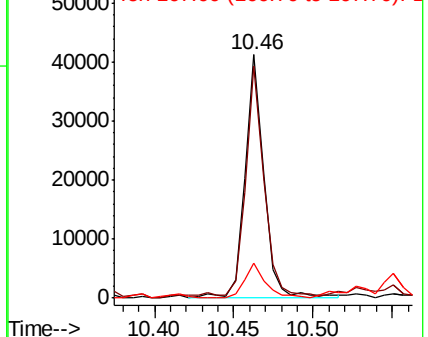


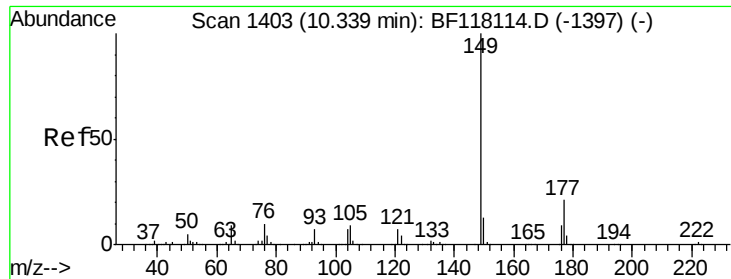
#58
 Fluorene
 Concen: 1.864 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF118141.D
 Acq: 7 Dec 2019 20:49

Tgt Ion:	166	Resp:	34235
Ion	Ratio	Lower	Upper
166	100		
165	95.2	79.0	118.4
167	14.1	10.9	16.3



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

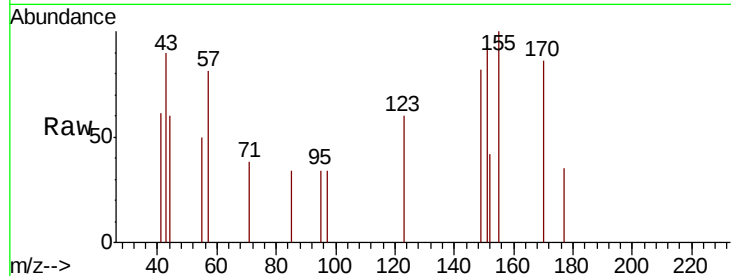




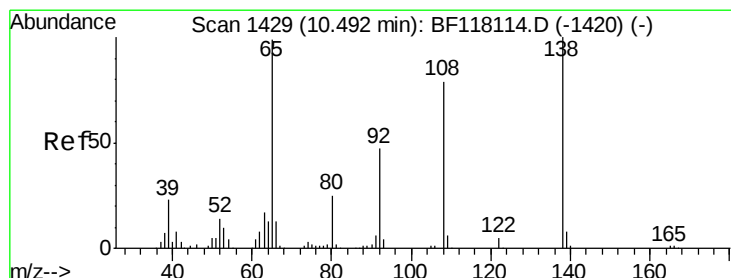
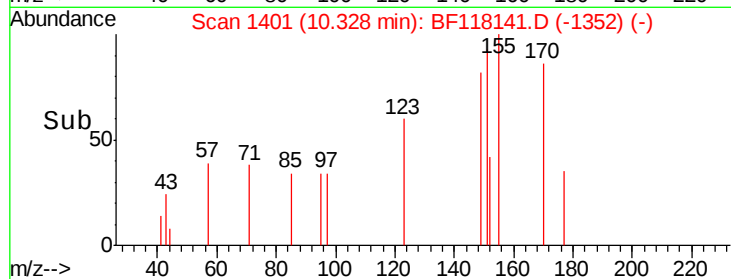
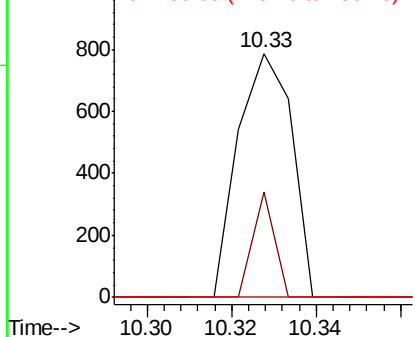
#60
Diethylphthalate
Concen: 0.035 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 695
Ion Ratio Lower Upper
149 100
177 43.0 17.0 25.4#
150 0.0 10.1 15.1#

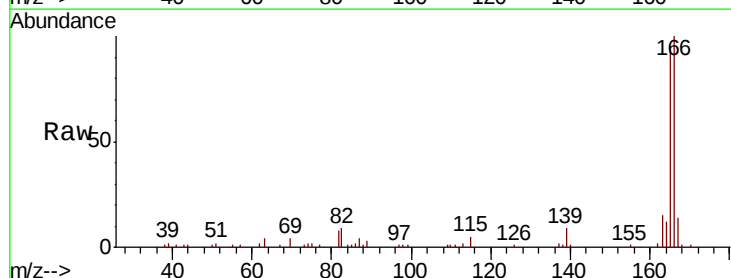


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

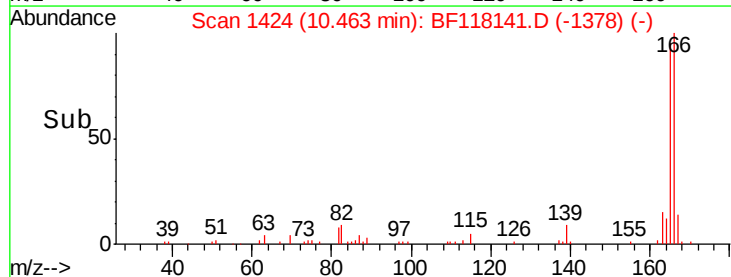
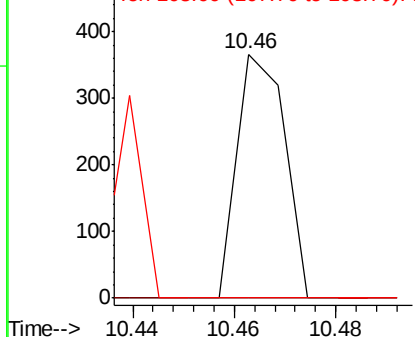


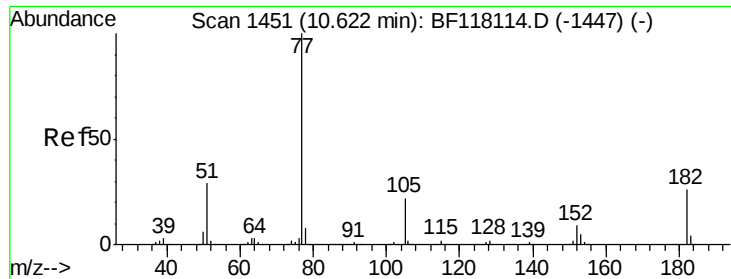
#62
4-Nitroaniline
Concen: 0.044 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.03 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion:138 Resp: 242
Ion Ratio Lower Upper
138 100
92 0.0 27.1 67.1#
108 0.0 59.0 99.0#



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

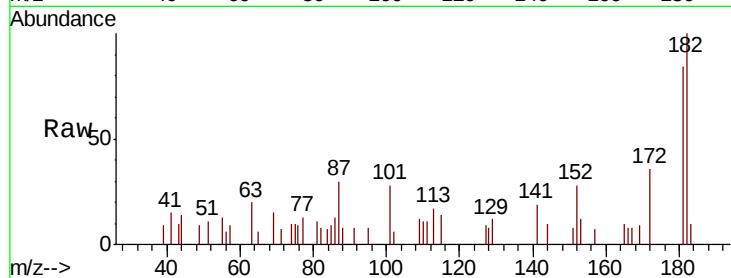




#63
Azobenzene
Concen: 0.053 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	741.8	5.7	45.7#
105	0.0	2.2	42.2#
51	81.5	9.6	49.6#



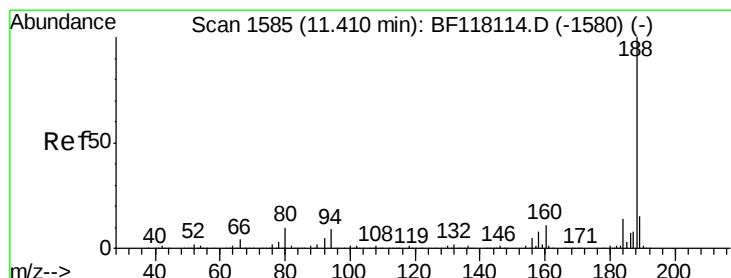
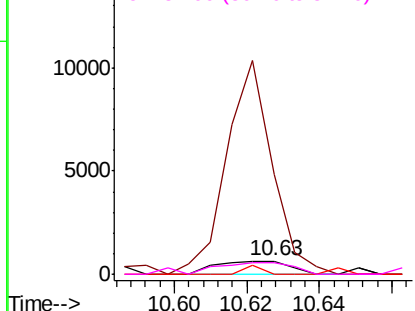
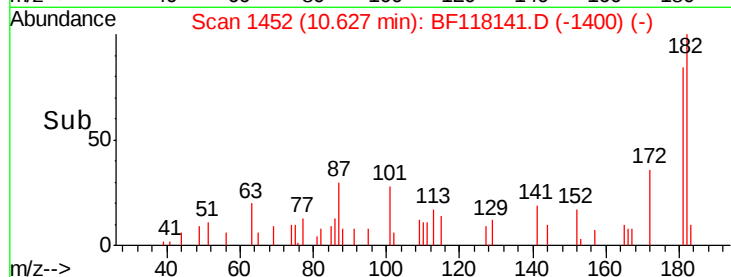
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

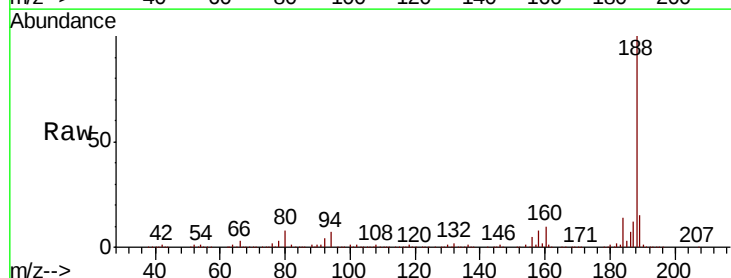
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	7.1	10.7
80	7.6	7.9	11.9#

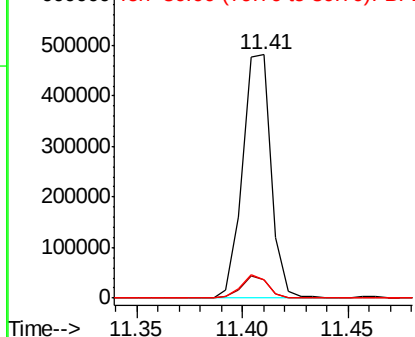
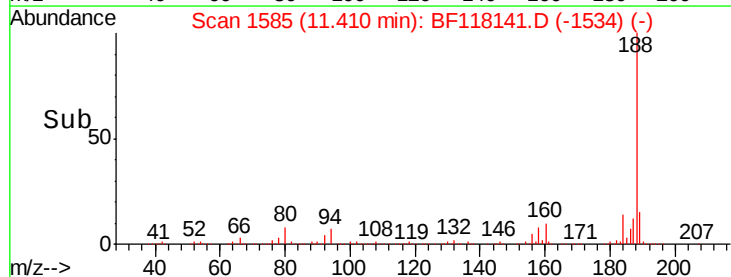


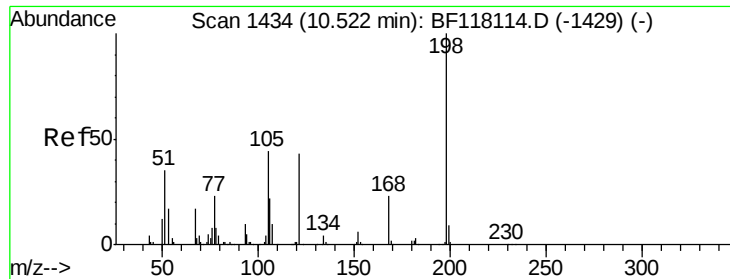
Abundance

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: 0.247 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.18 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

Instrument :

BNA_F

ClientSampled :

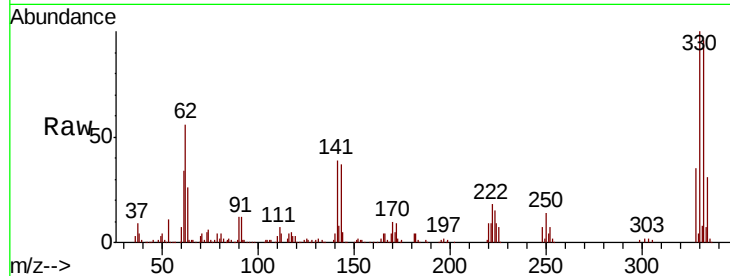
Tot Ion:198 Resp: 616

Ion Ratio Lower Upper

198 100

51 233.0 22.0 62.0#

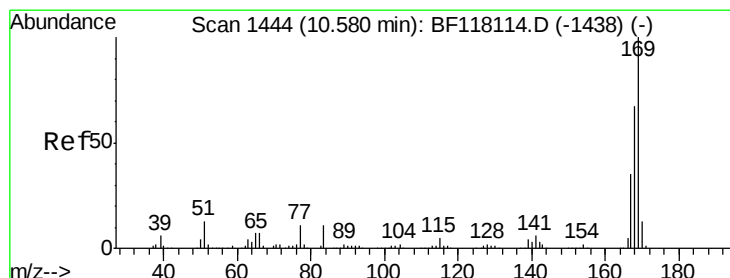
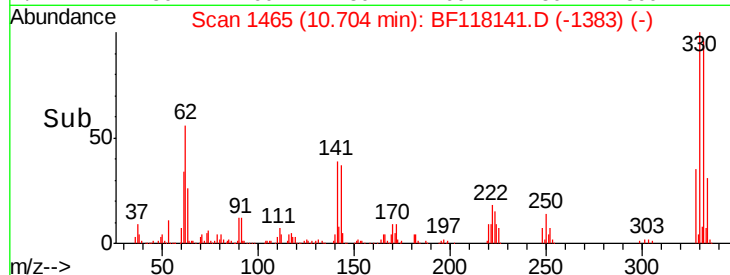
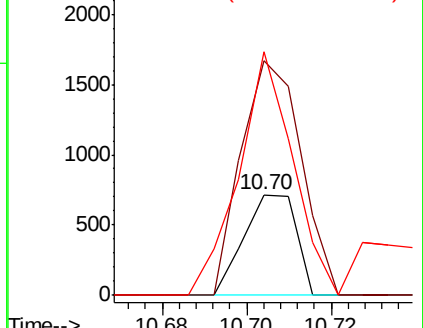
105 241.9 25.6 65.6#



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: 0.046 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

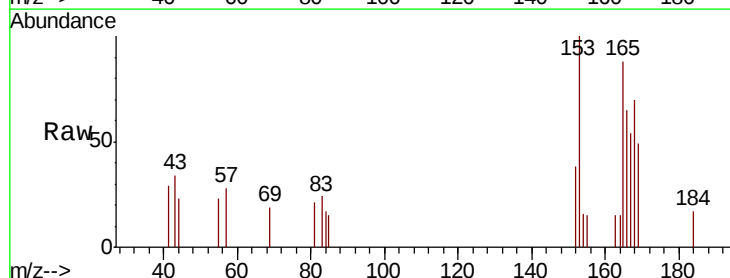
Tgt Ion:169 Resp: 654

Ion Ratio Lower Upper

169 100

168 144.0 53.4 80.2#

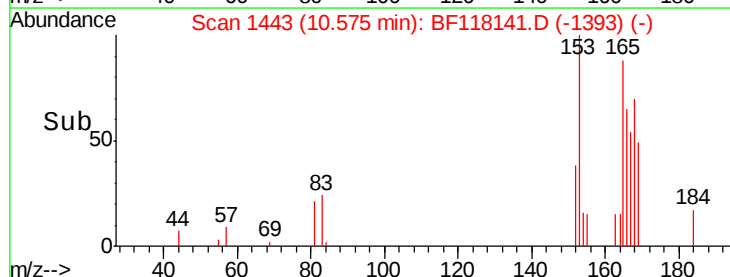
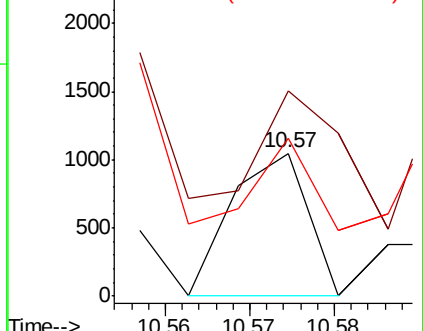
167 110.9 28.4 42.6#

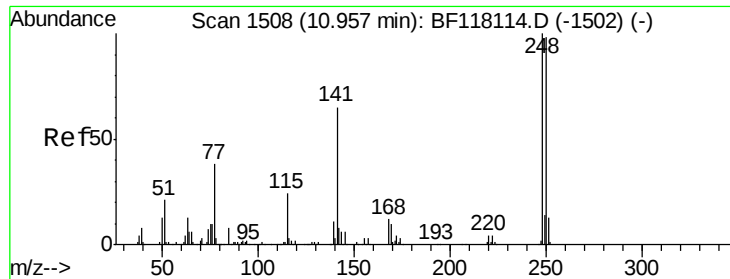


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

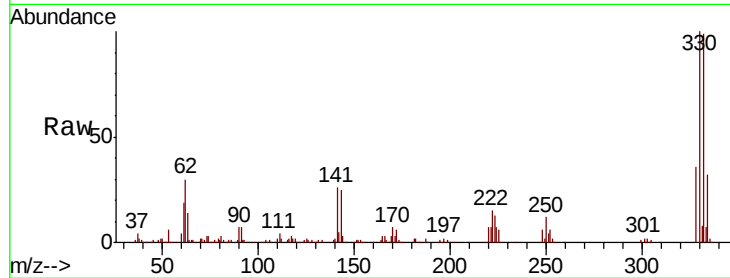




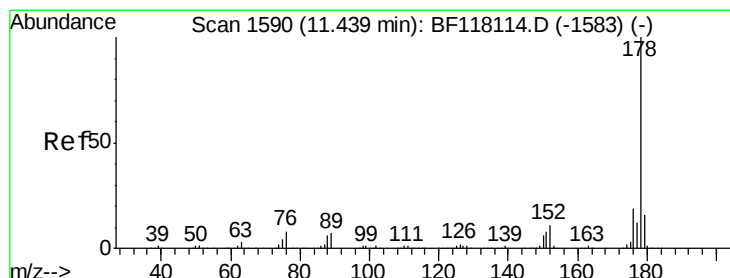
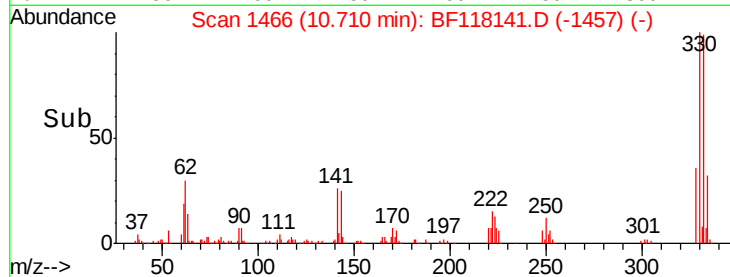
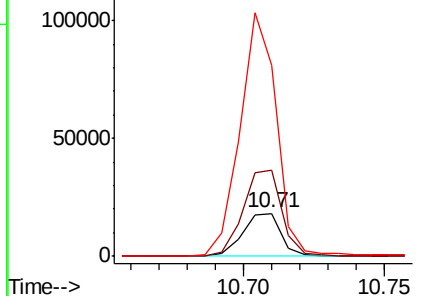
#67
 4-Bromophenyl-phenylether
 Concen: 3.293 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF118141.D
 Acq: 7 Dec 2019 20:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 16981
 Ion Ratio Lower Upper
 248 100
 250 199.9 78.3 117.5#
 141 441.4 52.2 78.4#

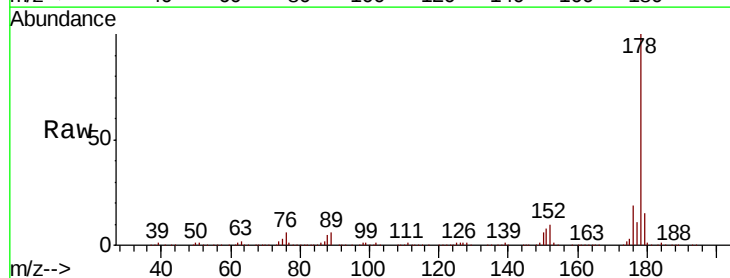


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

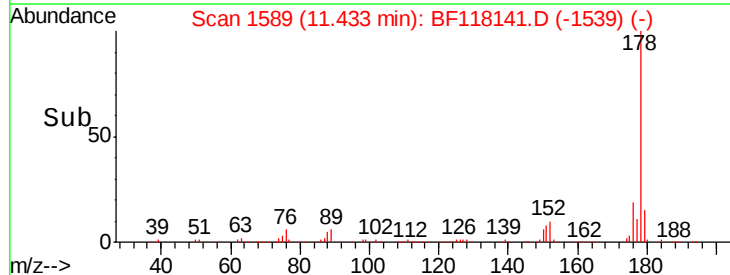
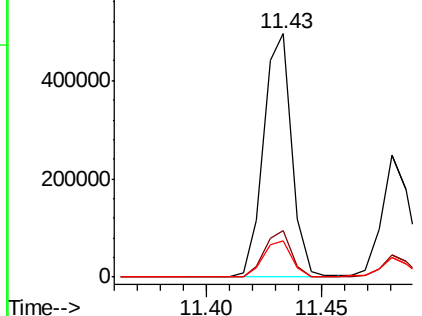


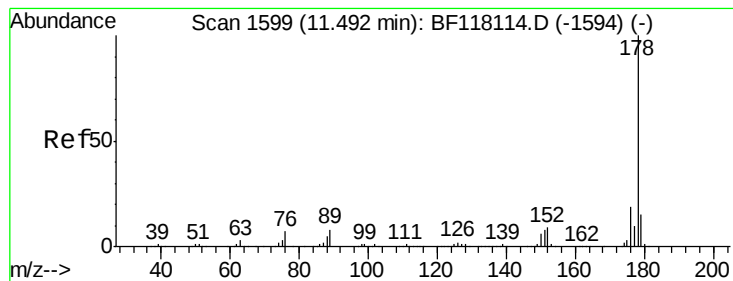
#71
 Phenanthrene
 Concen: 17.614 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF118141.D
 Acq: 7 Dec 2019 20:49

Tgt Ion:178 Resp: 423008
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 15.1 12.6 18.8



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





#72

Anthracene

Concen: 8.801 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

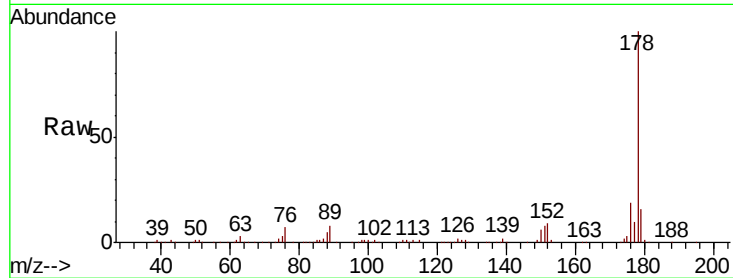
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 210858

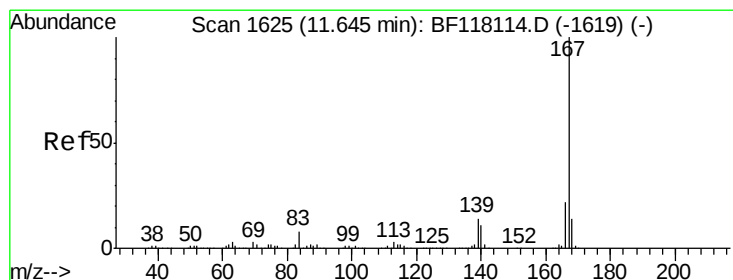
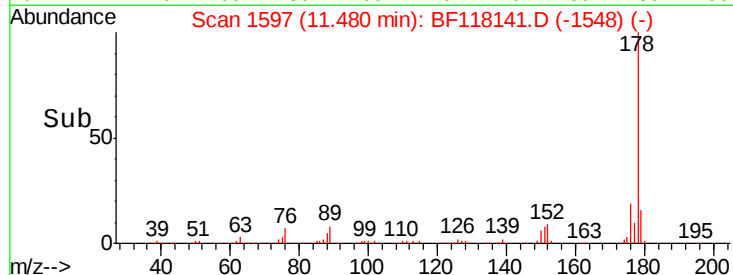
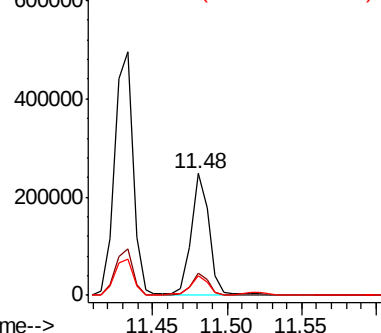
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.9	12.2	18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 1.496 ng

RT: 11.64 min Scan# 1624

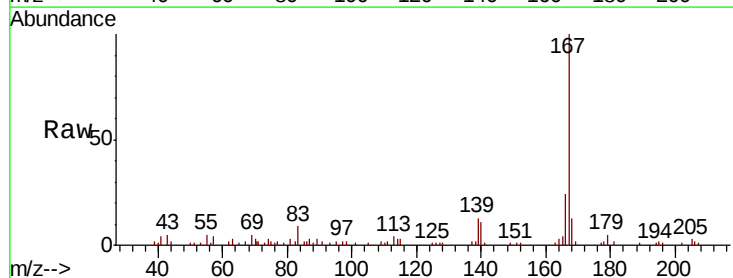
Delta R.T. -0.01 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

Tgt Ion:167 Resp: 32156

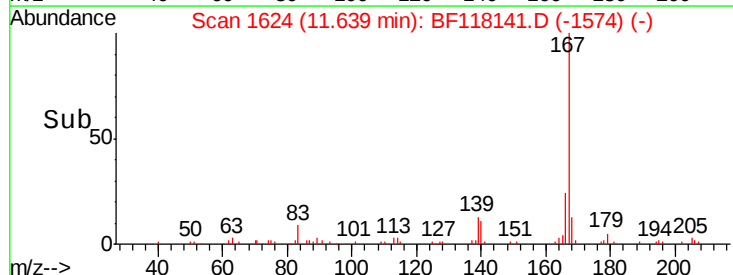
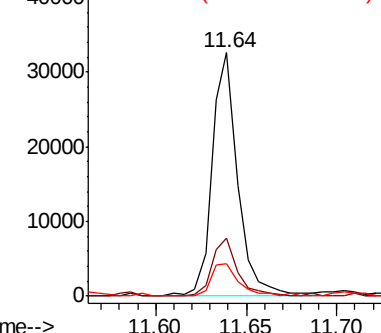
Ion	Ratio	Lower	Upper
167	100		
166	23.8	17.4	26.2
139	13.1	11.4	17.0

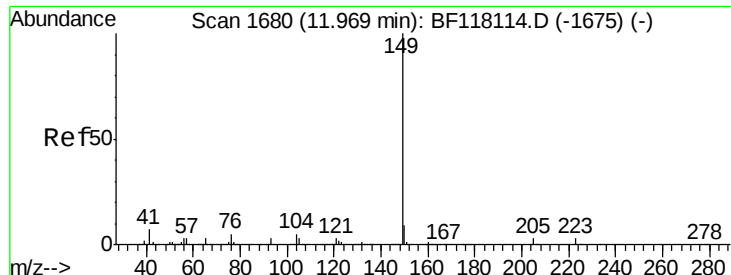


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.146 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

Instrument :

BNA_F

ClientSampled :

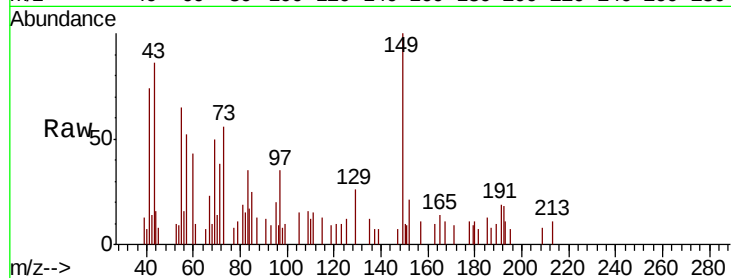
Tot Ion:149 Resp: 3941

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.2

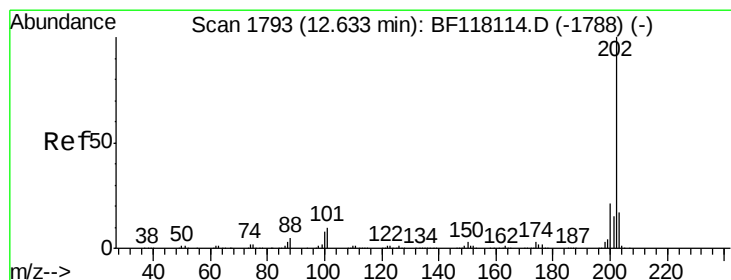
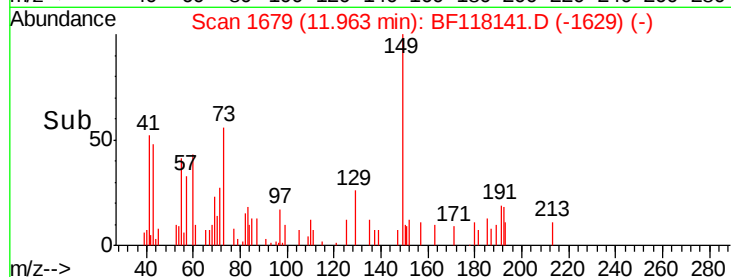
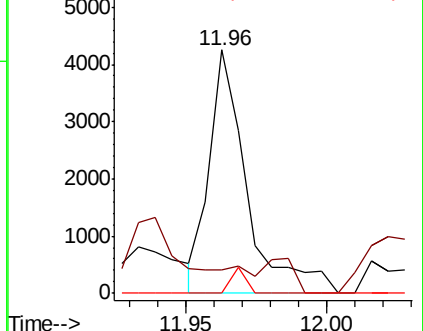
104 0.0 4.3 6.5#



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: 44.854 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

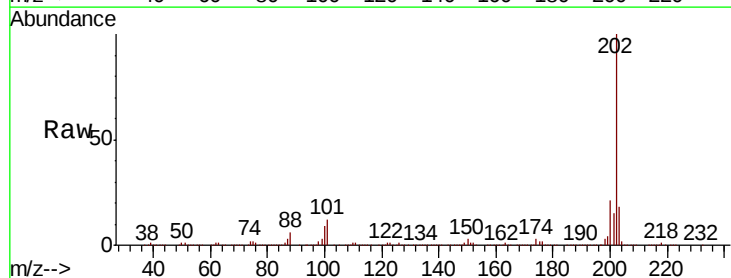
Tgt Ion:202 Resp: 1101337

Ion Ratio Lower Upper

202 100

101 11.8 0.0 30.4

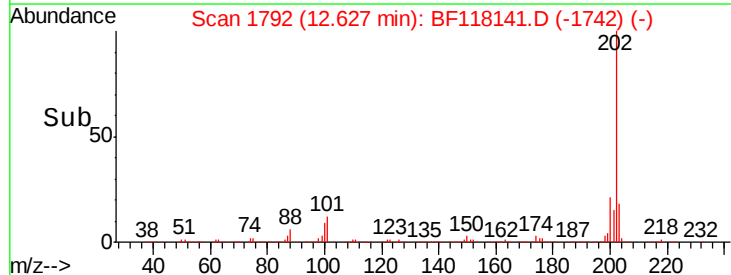
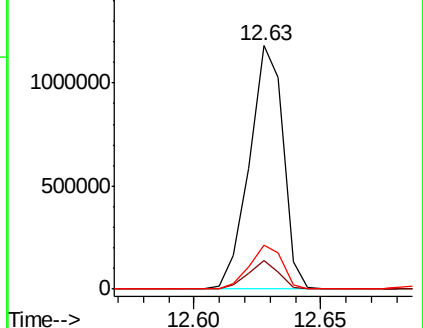
203 17.9 0.0 37.2

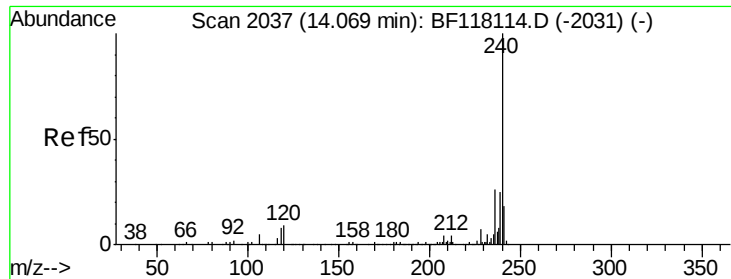


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

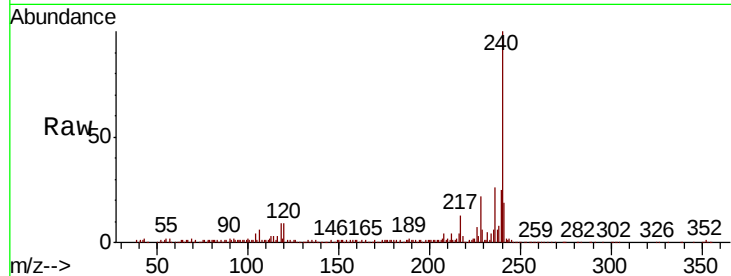




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.1	10.7
236	26.3	21.0	31.6

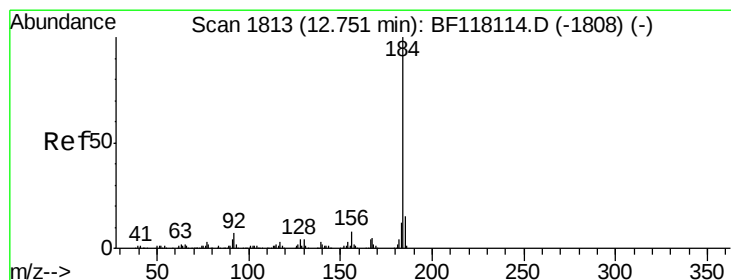
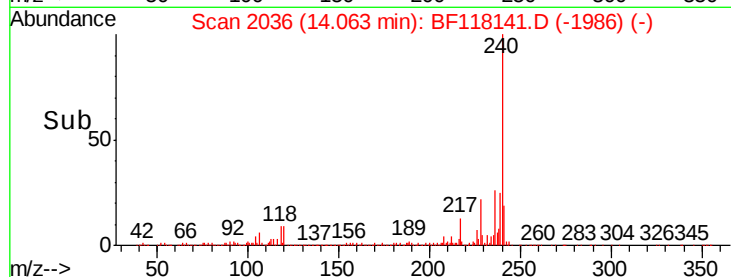
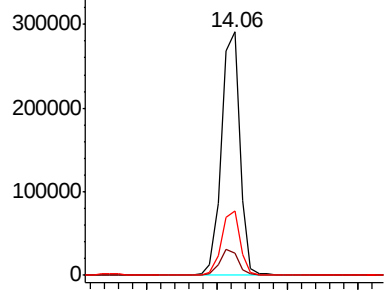


Abundance

Ion 240.00 (239.70 to 240.70): E

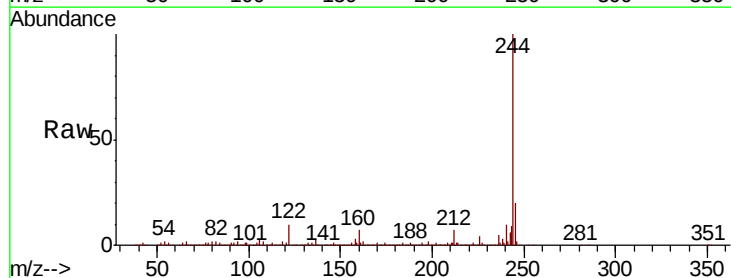
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77
Benzidine
Concen: 1.977 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.25 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.3	18.5
183	10.2	9.9	14.9

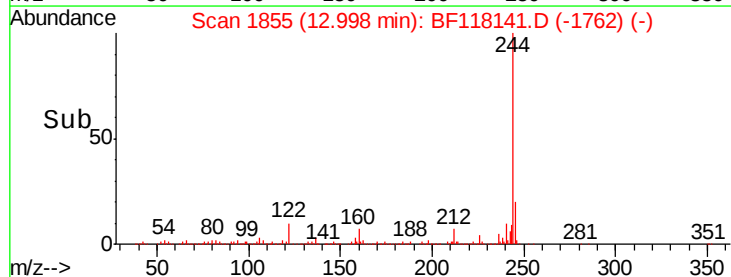
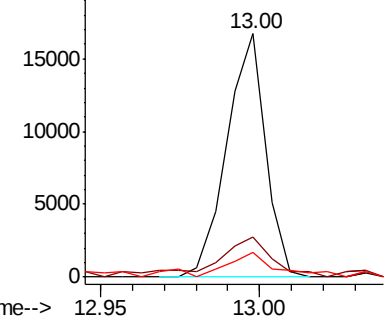


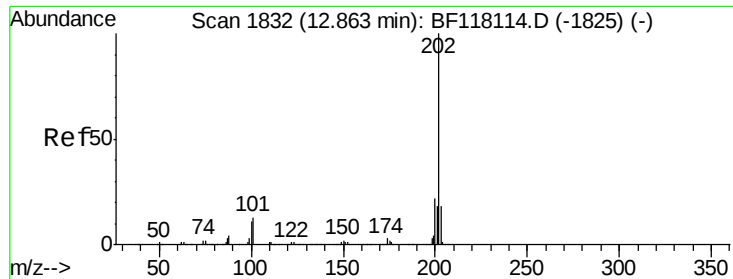
Abundance

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

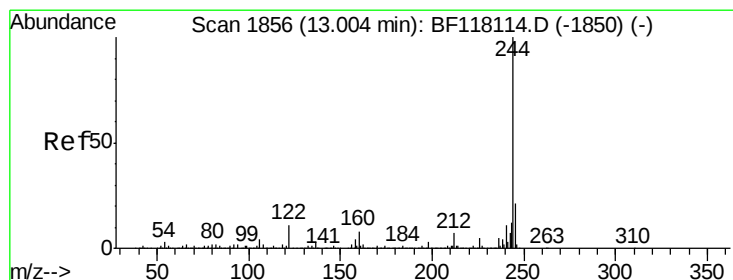
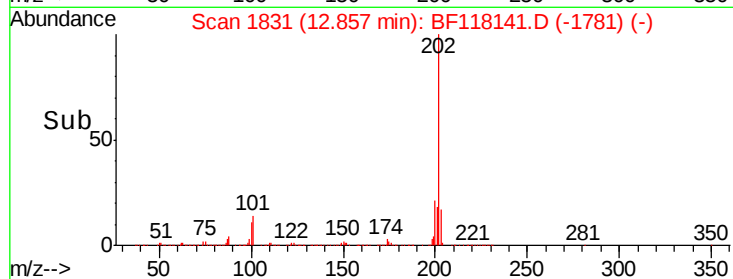
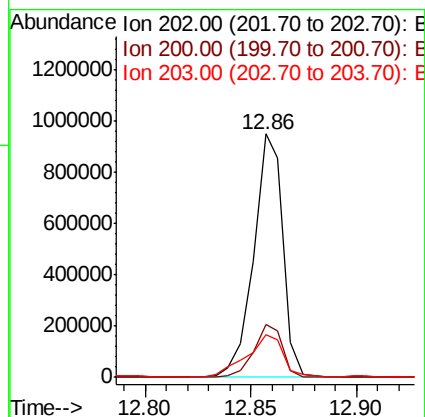
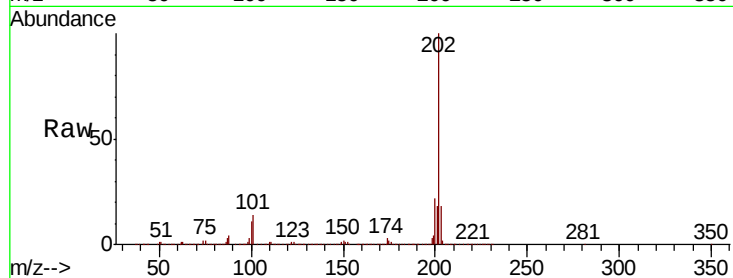




#78
Pvrene
Concen: 42.564 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

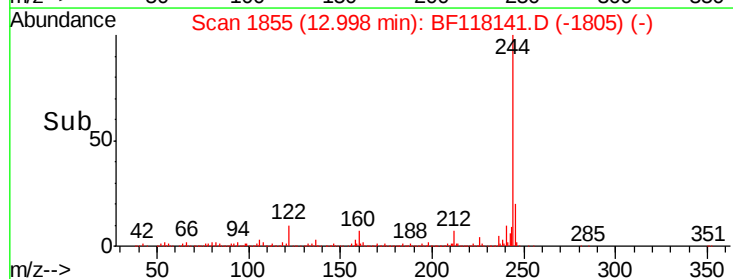
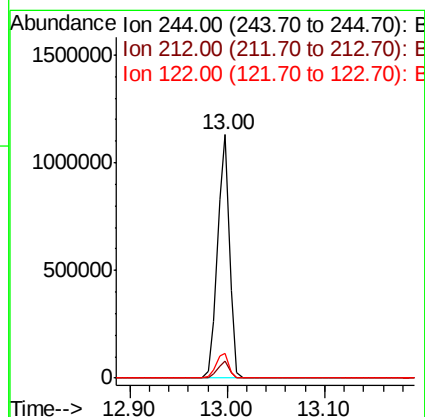
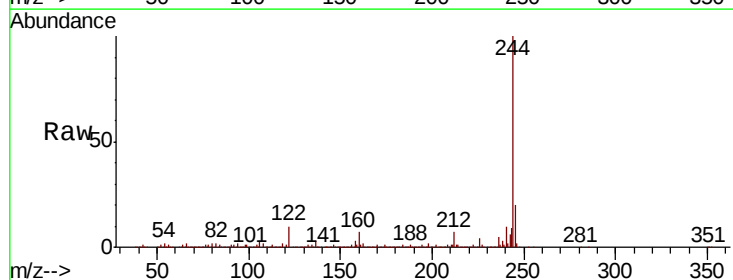
Instrument :
BNA_F
ClientSampleId :

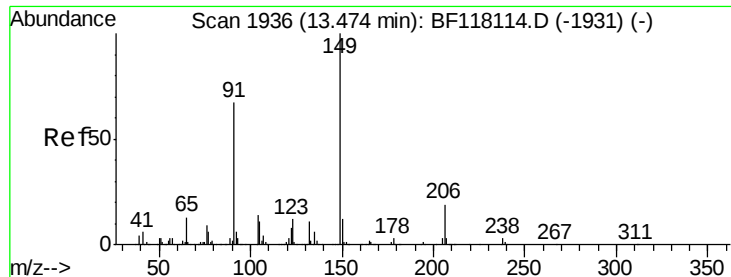
Tot Ion:202 Resp: 911116
Ion Ratio Lower Upper
202 100
200 21.5 17.5 26.3
203 17.8 14.6 21.8



#79
Terphenyl-d14
Concen: 60.334 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion:244 Resp: 953030
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.0 9.0 13.6

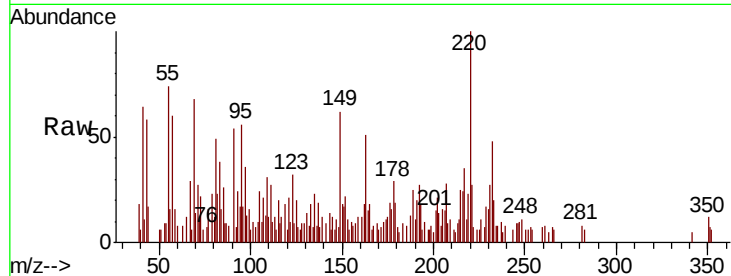




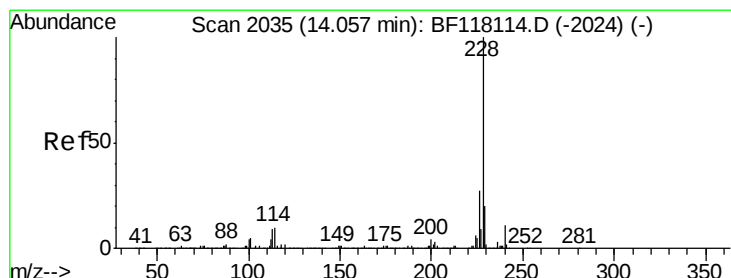
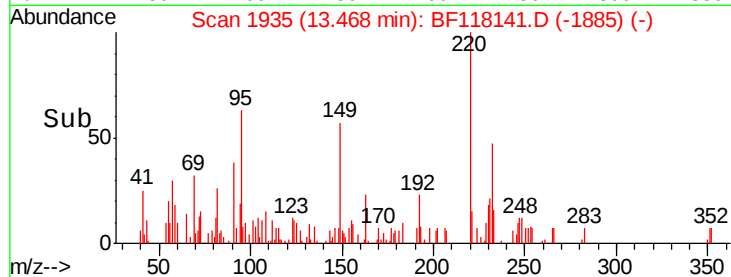
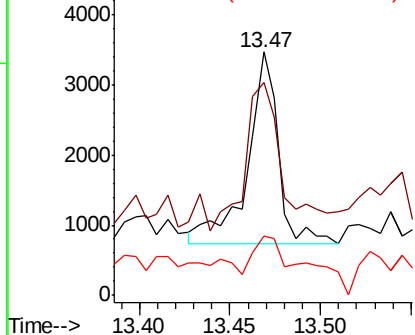
#80
Butylbenzylphthalate
Concen: 0.331 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 3208
Ion Ratio Lower Upper
149 100
91 87.4 53.9 80.9#
206 24.3 15.2 22.8#

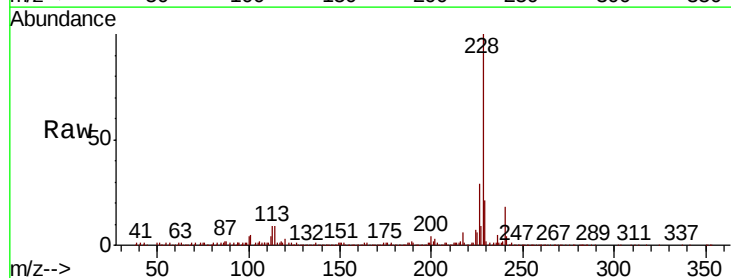


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

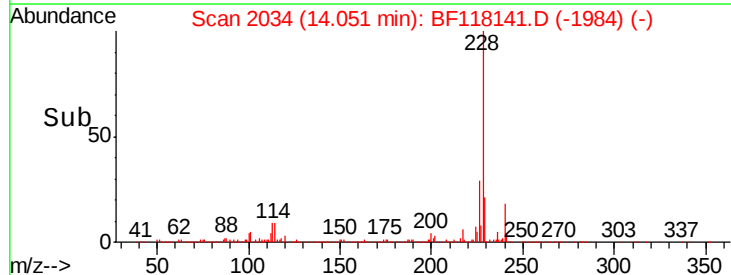
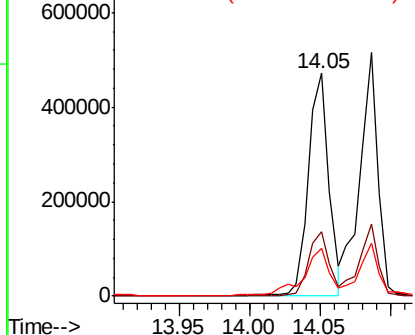


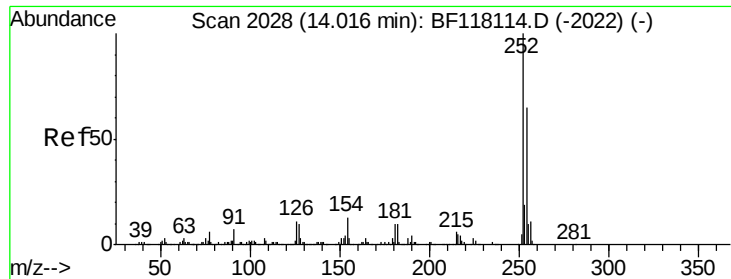
#81
Benzo(a)anthracene
Concen: 25.293 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion:228 Resp: 475071
Ion Ratio Lower Upper
228 100
226 28.8 21.8 32.8
229 21.2 15.8 23.8



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

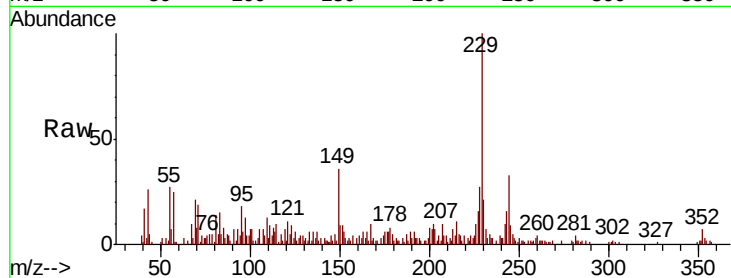




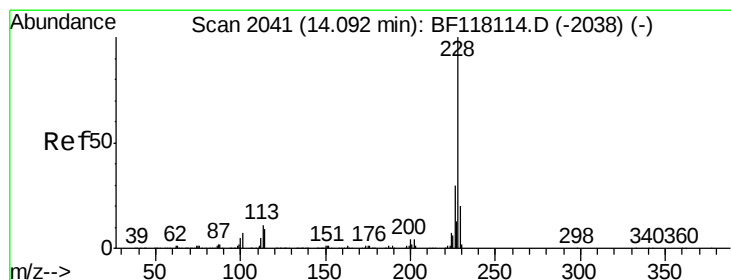
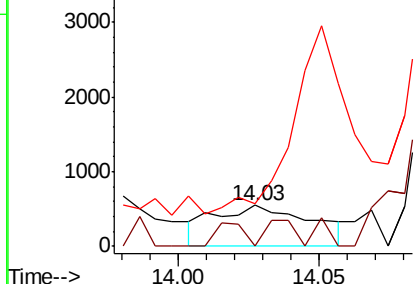
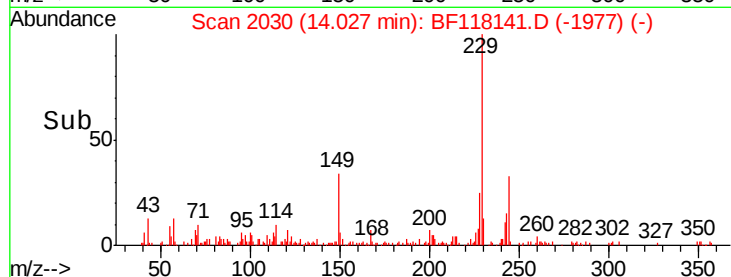
#82
 3,3'-Dichlorobenzidine
 Concen: 0.214 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF118141.D
 Acq: 7 Dec 2019 20:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 1318
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.2 78.4#
 126 102.9 8.6 13.0#

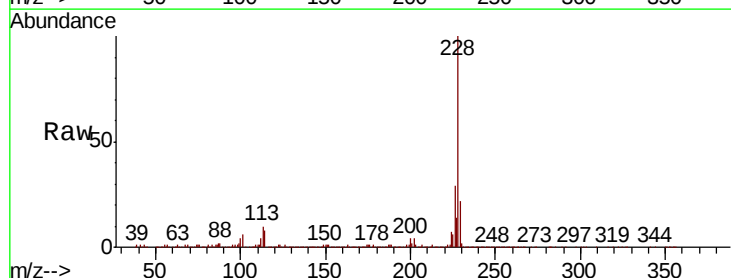


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

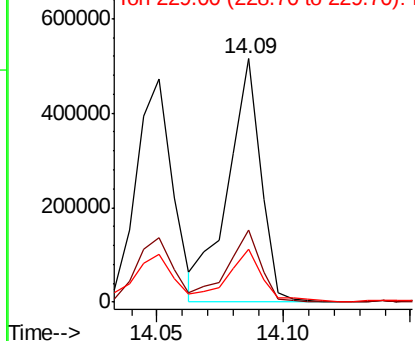
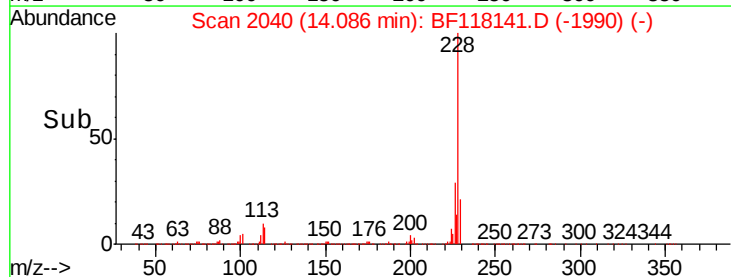


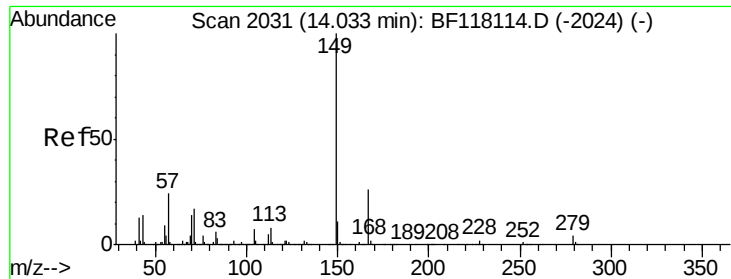
#83
 Chrysene
 Concen: 25.692 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF118141.D
 Acq: 7 Dec 2019 20:49

Tgt Ion:228 Resp: 460956
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.8 35.8
 229 21.6 15.7 23.5



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: 0.787 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

Instrument :

BNA_F

ClientSampleId :

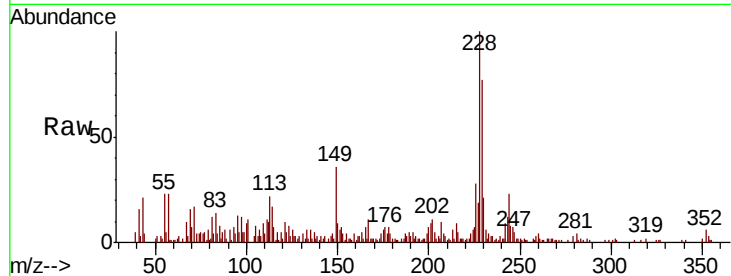
Tot Ion:149 Resp: 10059

Ion Ratio Lower Upper

149 100

167 30.2 20.8 31.2

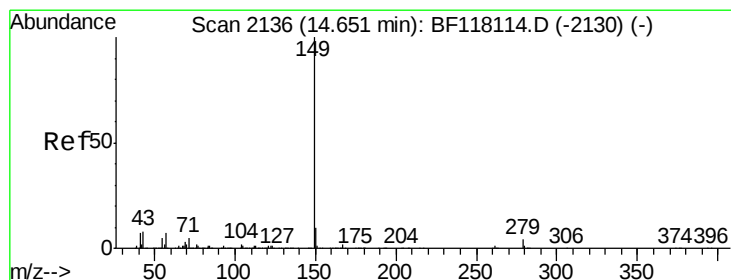
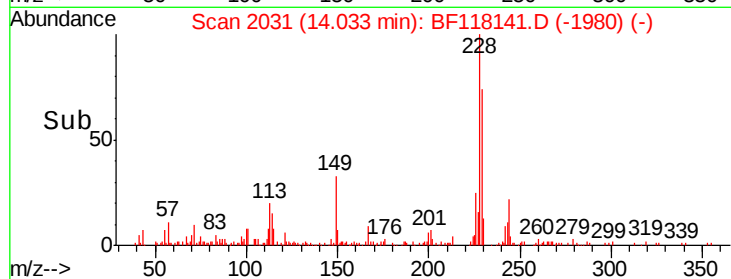
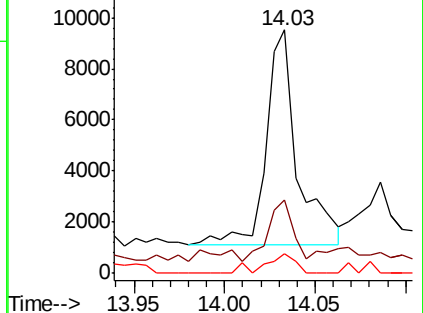
279 8.0 2.9 4.3#



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: 0.017 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

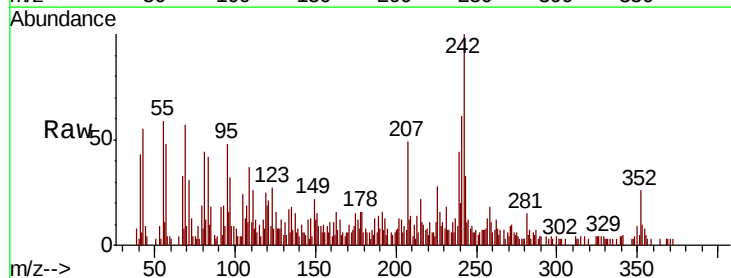
Tgt Ion:149 Resp: 331

Ion Ratio Lower Upper

149 100

167 162.8 1.3 1.9#

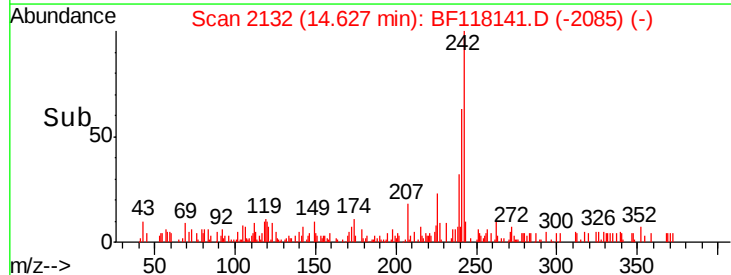
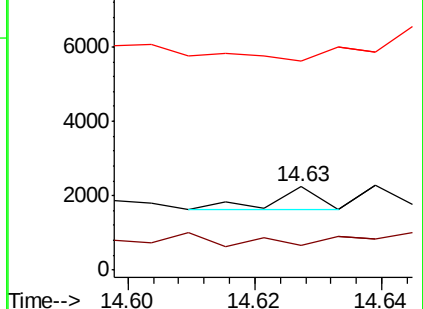
43 0.0 6.5 9.7#

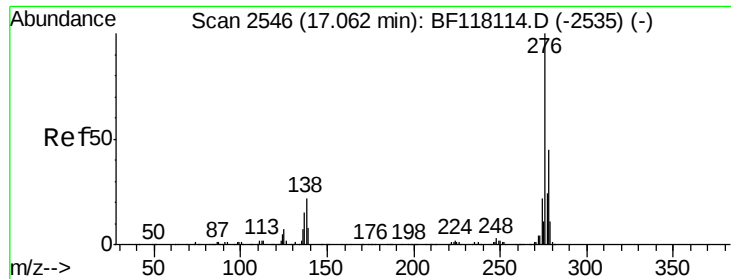


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

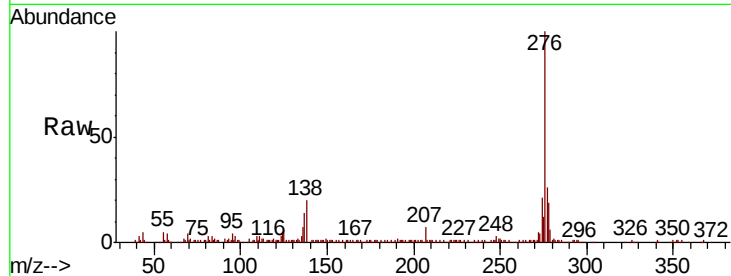




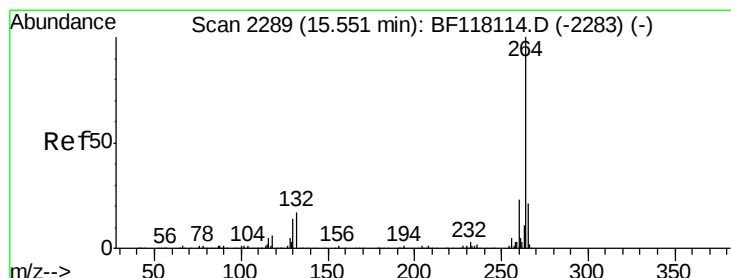
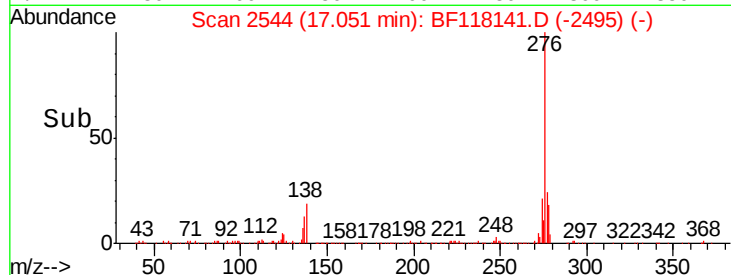
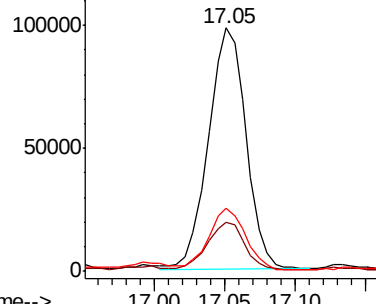
#86
Indeno(1,2,3-cd)pyrene
Concen: 12.103 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	18.9	28.3
277	24.7	20.4	30.6

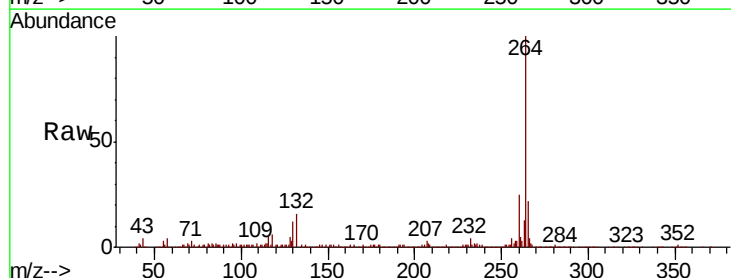


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

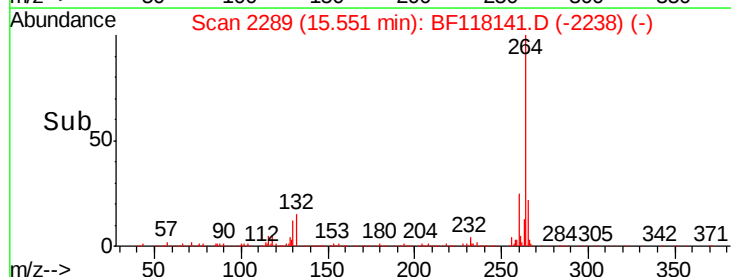
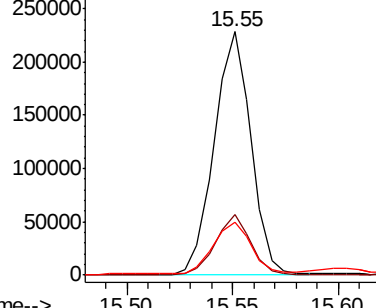


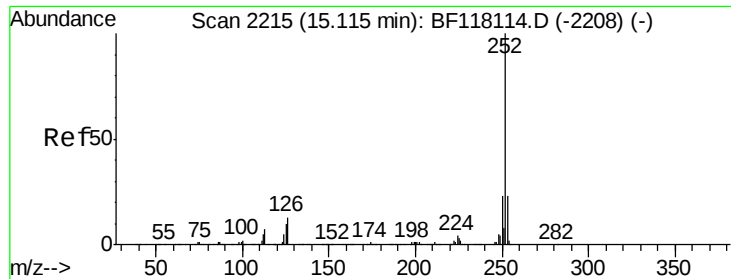
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	28.0
265	21.8	16.8	25.2



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

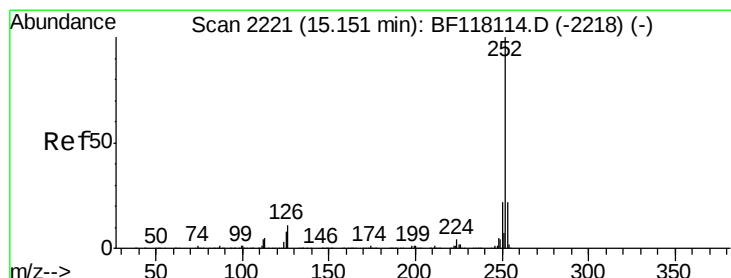
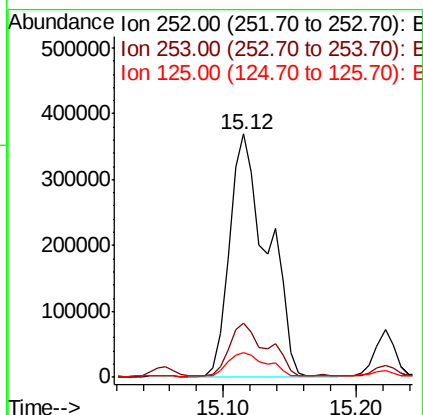
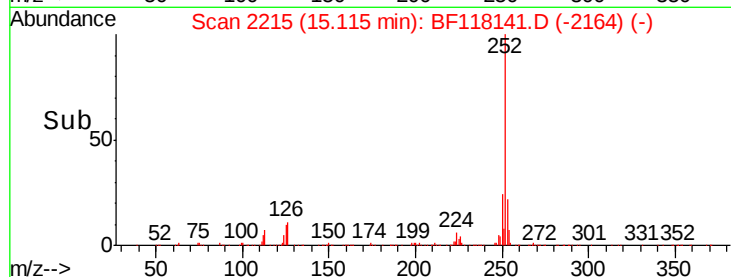
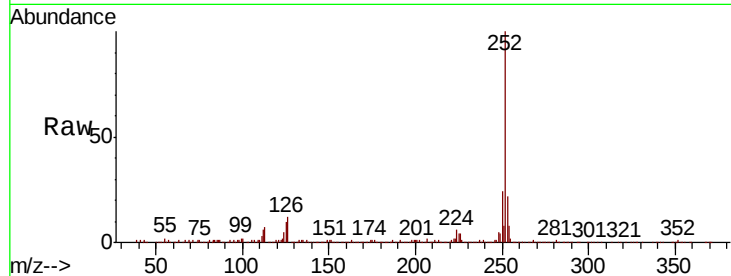




#88
Benzo(b)fluoranthene
Concen: 40.201 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

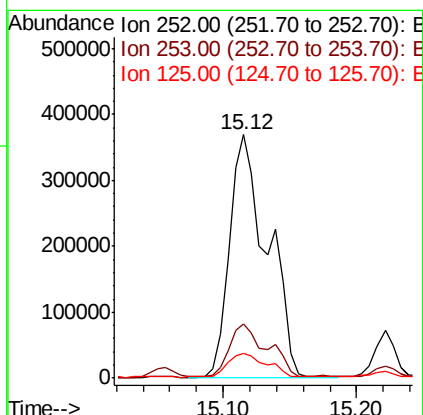
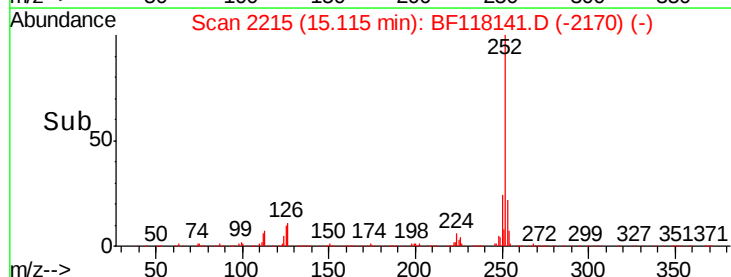
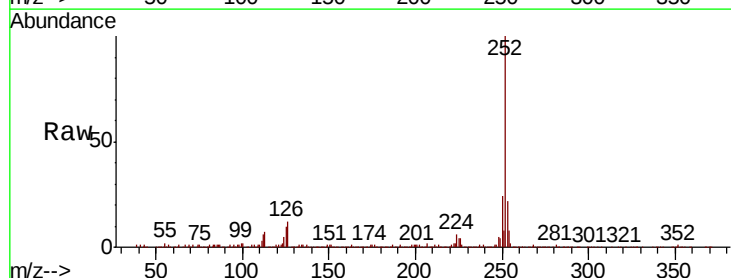
Instrument :
BNA_F
ClientSampleId :

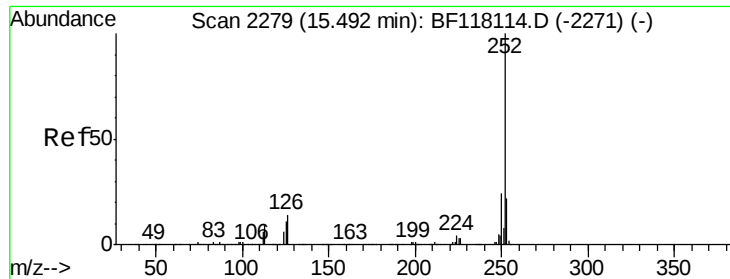
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.4	8.3	12.5



#89
Benzo(k)fluoranthene
Concen: 41.847 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.04 min
Lab File: BF118141.D
Acq: 7 Dec 2019 20:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.4	6.7	10.1#





#90

Benzo(a)pyrene

Concen: 21.389 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

Instrument :

BNA_F

ClientSampleId :

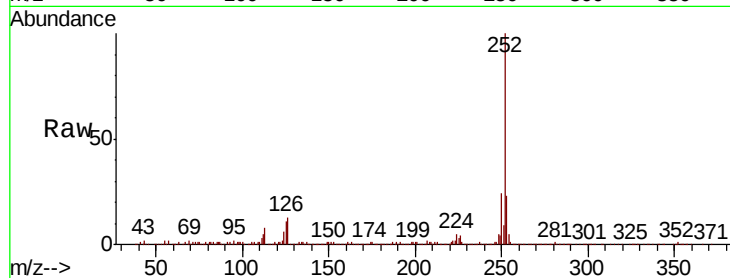
Tot Ion:252 Resp: 342200

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

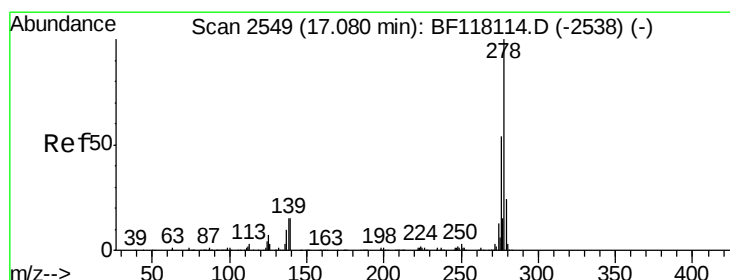
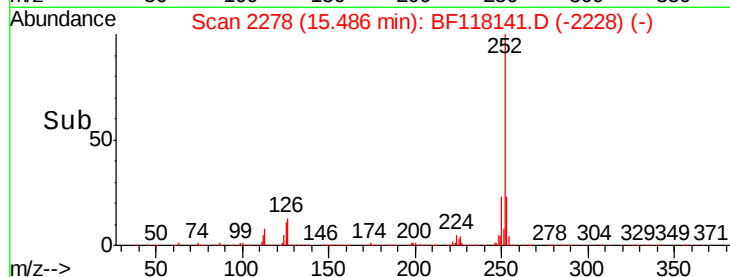
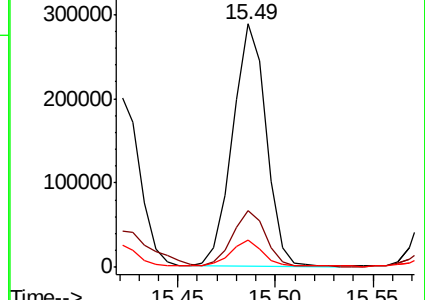
125 11.3 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 2.319 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.21 min

Lab File: BF118141.D

Acq: 7 Dec 2019 20:49

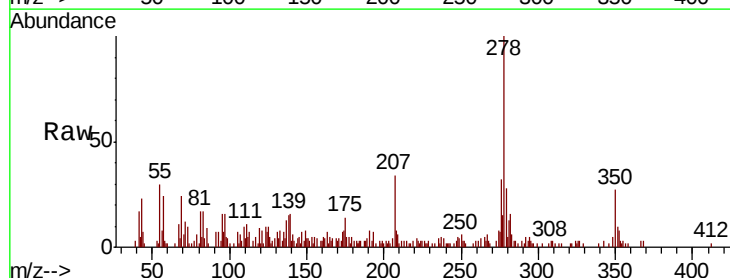
Tgt Ion:278 Resp: 31826

Ion Ratio Lower Upper

278 100

139 16.2 11.7 17.5

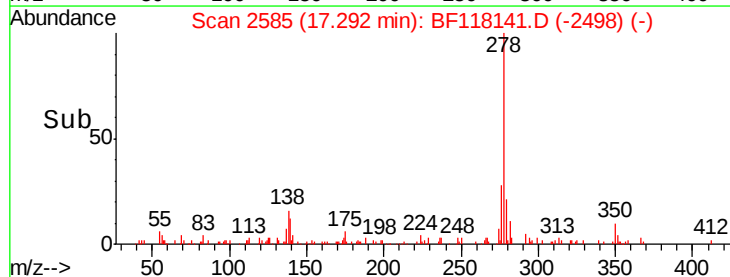
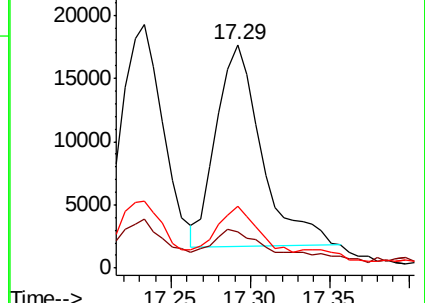
279 27.8 19.0 28.4

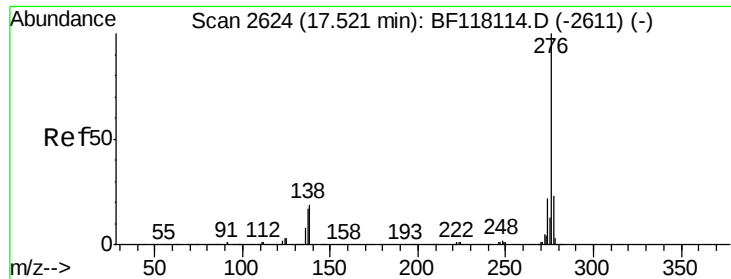


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 11.925 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BF118141.D
 Acq: 7 Dec 2019 20:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.2	27.4
138	21.3	15.5	23.3

