

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118134.D
 Acq On : 7 Dec 2019 17:35
 Operator : JU
 Sample : K6147-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 05:44:45 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	6.86	152	124686	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	497774	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	269145	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	472723	20.00	ng	0.00
76) Chrysene-d12	14.06	240	271538	20.00	ng	-0.01
87) Perylene-d12	15.54	264	298540	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	677513	95.17	ng	0.00
7) Phenol-d6	6.49	99	885279	102.81	ng	0.00
23) Nitrobenzene-d5	7.43	82	529855	59.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	299315	91.54	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1108308	62.66	ng	0.00
79) Terphenyl-d14	13.00	244	1066188	67.52	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.53	93	153	0.014	ng	# 51
9) Benzaldehyde	6.42	77	820	Below Cal		# 69
10) Phenol	6.50	94	13619	1.387	ng	# 78
11) bis(2-Chloroethyl)ether	6.57	93	1180	0.166	ng	# 22
12) 1,3-Dichlorobenzene	6.88	146	647	0.069	ng	# 81
13) 1,4-Dichlorobenzene	6.88	146	647	0.069	ng	# 94
14) 1,2-Dichlorobenzene	6.88	146	647	0.073	ng	# 93
15) Benzyl Alcohol	7.02	79	9622	1.432	ng	# 50
17) 2-Methylphenol	7.12	107	15819	2.478	ng	# 95
18) Hexachloroethane	7.48	117	128	0.037	ng	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	72006	13.762	ng	# 77
20) 3+4-Methylphenols	7.29	107	851	0.106	ng	# 72
22) Acetophenone	7.27	105	1662	0.139	ng	# 94
24) Nitrobenzene	7.43	77	1841	0.212	ng	# 33
25) Isophorone	7.43	82	523565	34.906	ng	# 62
27) 2,4-Dimethylphenol	7.87	122	563	0.091	ng	# 3
31) Naphthalene	8.17	128	21182	0.847	ng	# 98
32) Benzoic acid	7.87	122	563	0.101	ng	# 97
33) 4-Chloroaniline	8.17	127	2553	0.237	ng	# 36
35) Caprolactam	8.86	113	399	0.179	ng	# 23
37) 2-Methylnaphthalene	8.87	142	9908	0.585	ng	# 97
38) 1-Methylnaphthalene	8.87	142	9908	0.623	ng	# 99
46) 1,1'-Biphenyl	9.33	154	6080	0.286	ng	# 97
47) 2-Chloronaphthalene	9.44	162	118	0.007	ng	# 38
48) 2-Nitroaniline	9.57	65	226	0.046	ng	# 1
49) Acenaphthylene	9.77	152	38220	1.518	ng	# 99
50) Dimethylphthalate	9.62	163	127375	6.407	ng	# 100
51) 2,6-Dinitrotoluene	9.62	165	1342	0.310	ng	# 12
52) Acenaphthene	9.95	154	7962	0.518	ng	# 95
53) 3-Nitroaniline	10.12	138	375	0.074	ng	# 4
55) Dibenzofuran	10.12	168	20037	0.890	ng	# 97
56) 4-Nitrophenol	10.12	139	8370	2.371	ng	# 7
57) 2,4-Dinitrotoluene	9.91	165	35486	6.150	ng	# 26
58) Fluorene	10.46	166	35513	1.984	ng	# 99

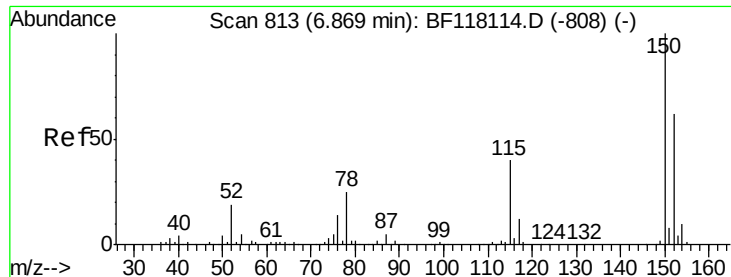
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118134.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Diethylphthalate	10.33	149	446	0.023	ng	# 60
62) 4-Nitroaniline	10.46	138	309	0.058	ng	# 17
63) Azobenzene	10.62	77	1453	0.087	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.70	198	542	0.208	ng	# 1
66) n-Nitrosodiphenylamine	10.57	169	2252	0.153	ng	# 83
67) 4-Bromophenyl-phenylether	10.70	248	18973	3.516	ng	# 1
71) Phenanthrene	11.43	178	465105	18.508	ng	99
72) Anthracene	11.48	178	52795	2.106	ng	98
73) Carbazole	11.63	167	42049	1.870	ng	98
74) Di-n-butylphthalate	11.96	149	6018	0.214	ng	# 84
75) Fluoranthene	12.62	202	552648	21.510	ng	98
77) Benzidine	12.99	184	15067	2.108	ng	# 95
78) Pyrene	12.85	202	464102	21.689	ng	99
80) Butylbenzylphthalate	13.47	149	3057	0.315	ng	# 86
81) Benzo(a)anthracene	14.04	228	193216	10.291	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	264	0.043	ng	# 1
83) Chrysene	14.08	228	195145	10.880	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	15056	1.178	ng	# 97
85) Di-n-octyl phthalate	14.64	149	1058	0.055	ng	# 1
86) Indeno(1,2,3-cd)pyrene	17.04	276	106942	7.087	ng	95
88) Benzo(b)fluoranthene	15.11	252	342068	17.325	ng	99
89) Benzo(k)fluoranthene	15.11	252	342068	18.034	ng	# 98
90) Benzo(a)pyrene	15.48	252	182672	10.475	ng	99
91) Dibenzo(a,h)anthracene	17.05	278	27339	1.828	ng	# 80
92) Benzo(g,h,i)perylene	17.50	276	99604	6.930	ng	96

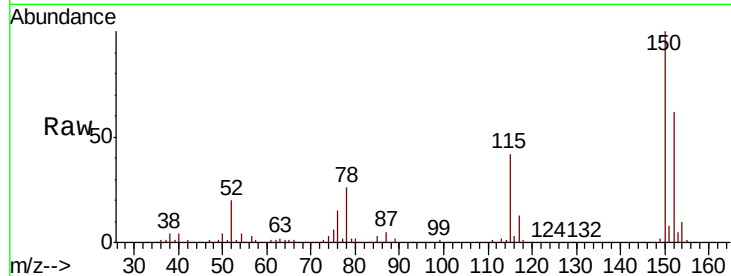
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF118134.D
 Acq: 7 Dec 2019 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	128.3	192.5
115	66.8	51.1	76.7

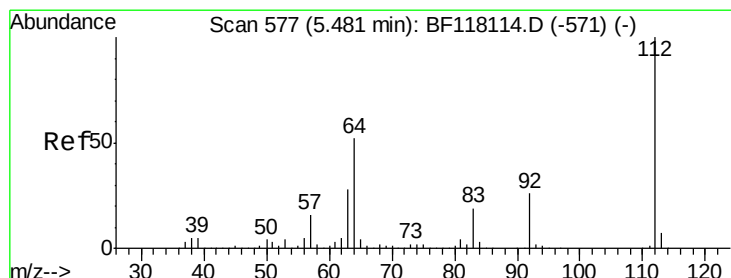
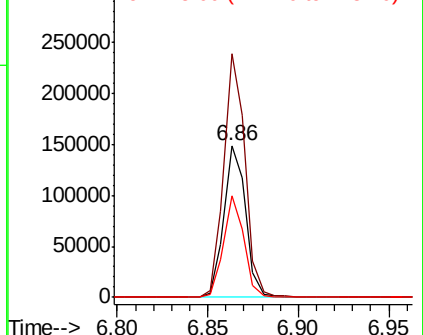
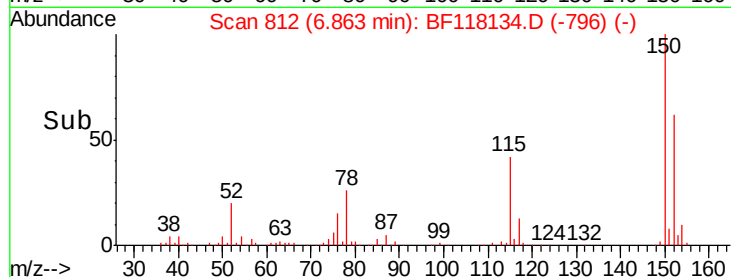


Abundance

Ion 152.00 (151.70 to 152.70): E

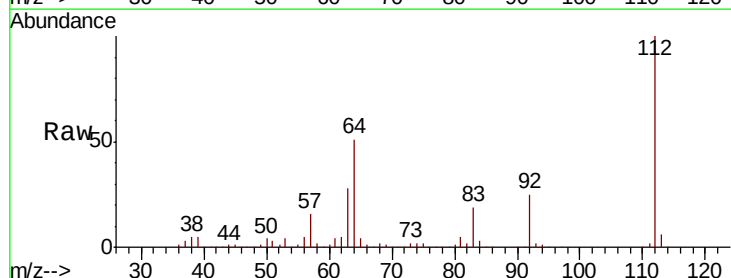
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 95.170 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF118134.D
 Acq: 7 Dec 2019 17:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.8	41.3	61.9
63	27.8	22.4	33.6

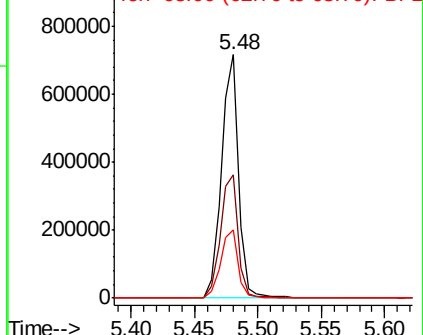
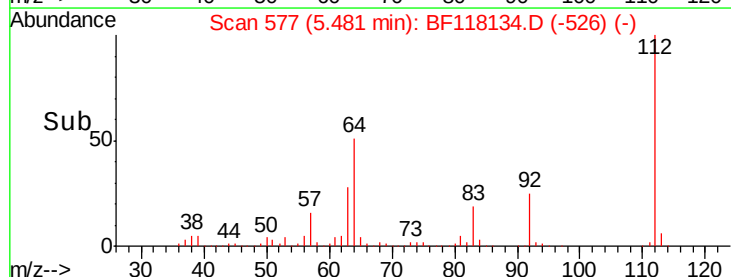


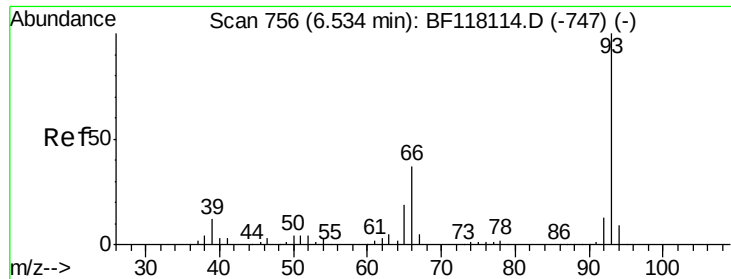
Abundance

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: 0.014 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

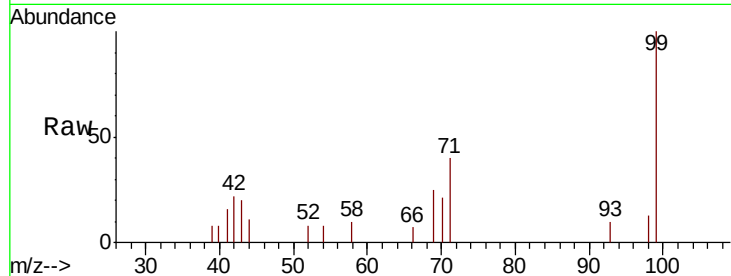
Tot Ion: 93 Resp: 153

Ion Ratio Lower Upper

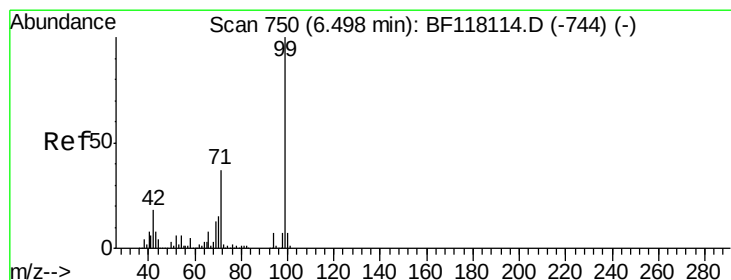
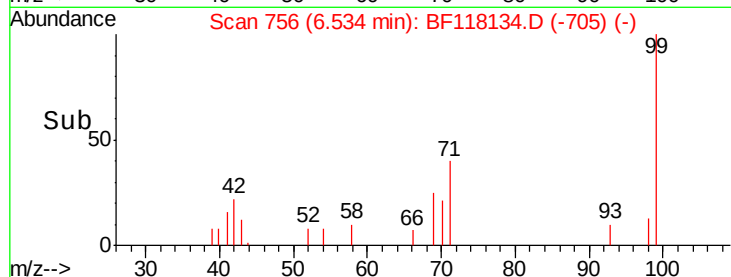
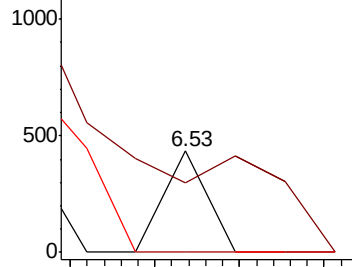
93 100

66 69.5 30.2 45.2#

65 0.0 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: 102.813 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

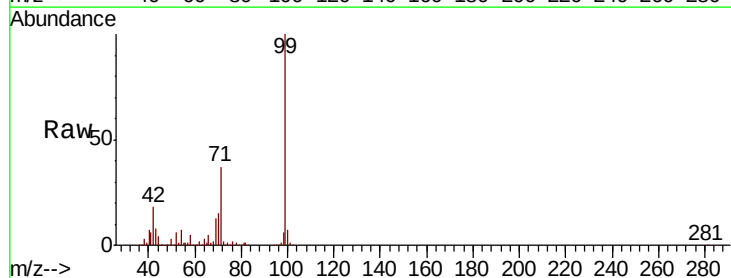
Tgt Ion: 99 Resp: 885279

Ion Ratio Lower Upper

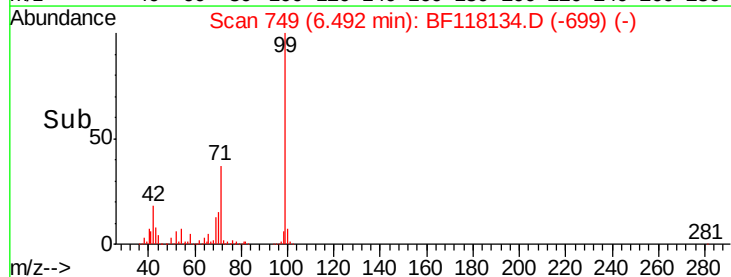
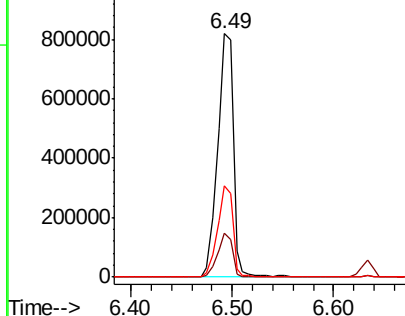
99 100

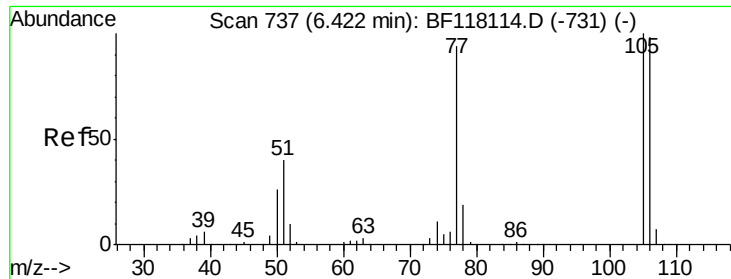
42 17.8 14.1 21.1

71 37.4 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





#9

Benzaldehyde

Concen: Below Cal

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

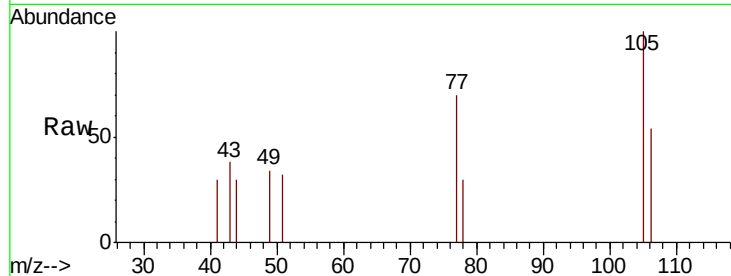
Tot Ion: 77 Resp: 820

Ion Ratio Lower Upper

77 100

105 143.2 86.4 126.4#

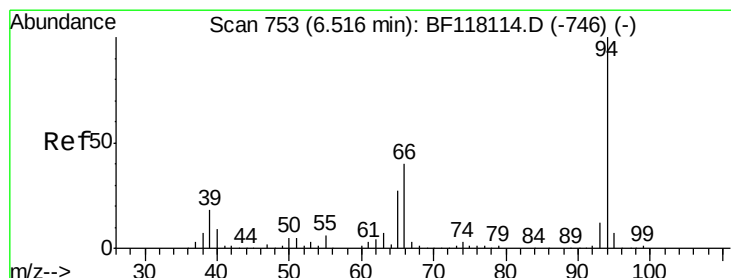
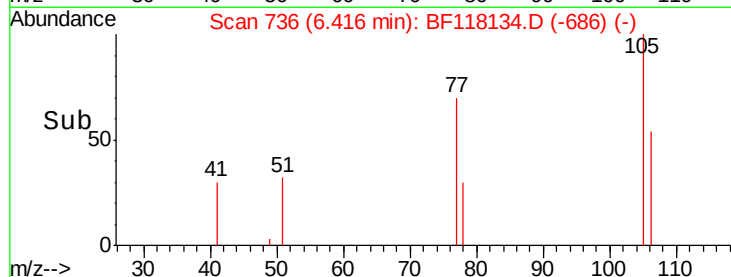
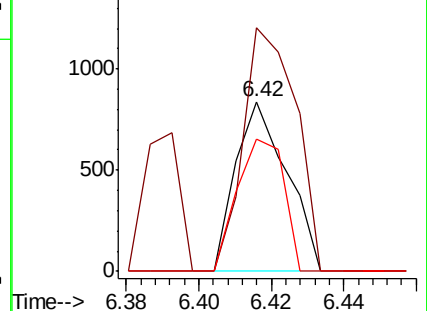
106 77.6 83.8 123.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 1.387 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

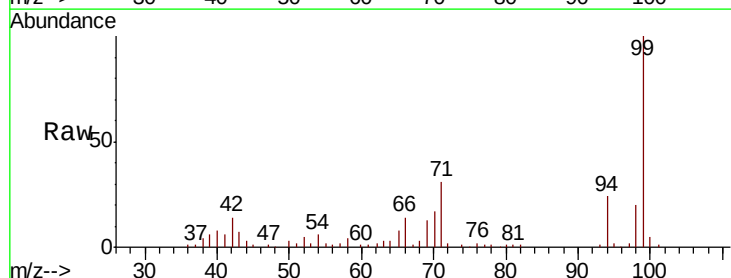
Tgt Ion: 94 Resp: 13619

Ion Ratio Lower Upper

94 100

65 34.1 7.3 47.3

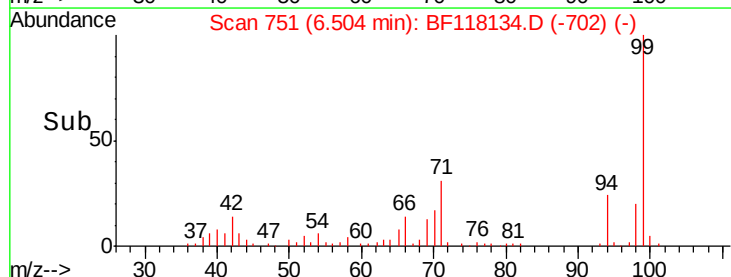
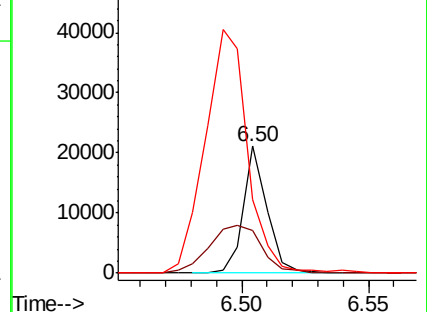
66 57.7 20.2 60.2

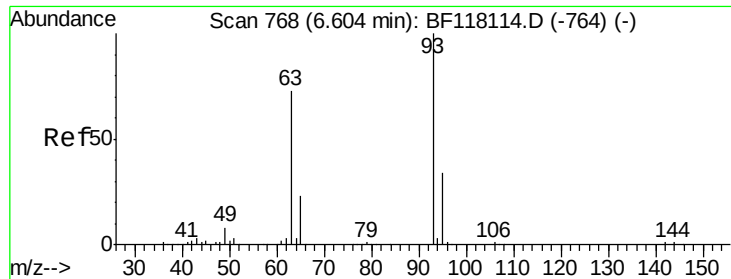


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

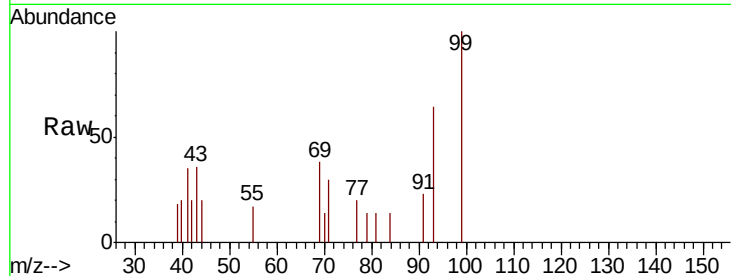




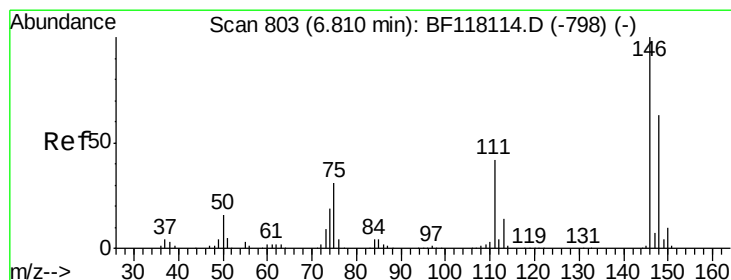
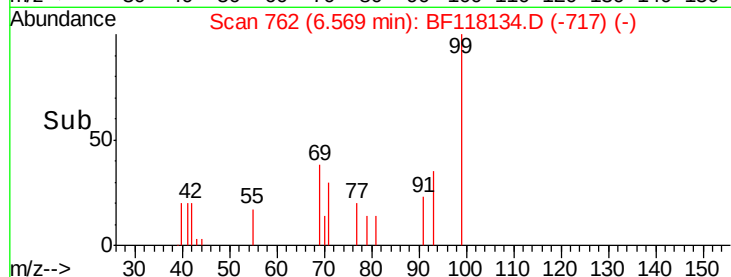
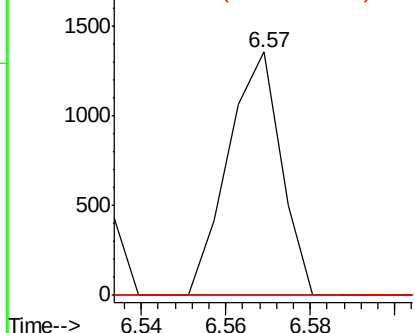
#11
 bis(2-Chloroethyl)ether
 Concen: 0.166 ng
 RT: 6.57 min Scan# 762
 Delta R.T. -0.04 min
 Lab File: BF118134.D
 Acq: 7 Dec 2019 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 1180
 Ion Ratio Lower Upper
 93 100
 63 0.0 53.2 93.2#
 95 0.0 13.8 53.8#

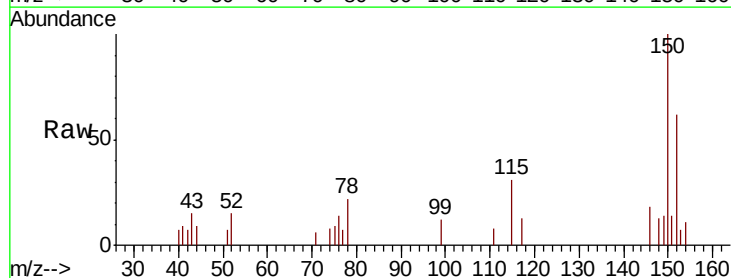


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

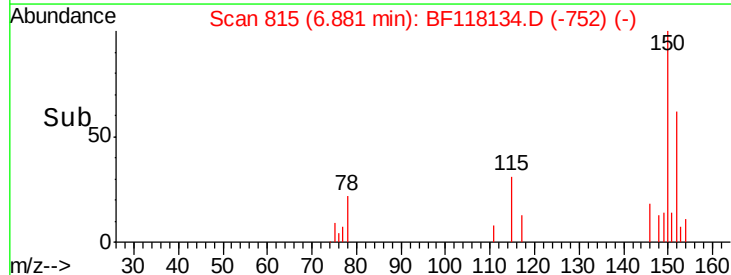
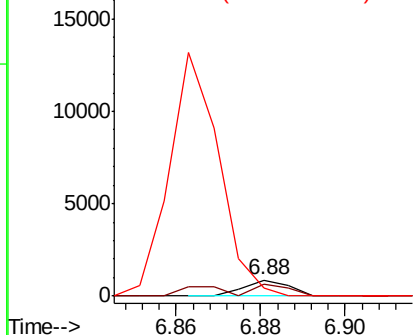


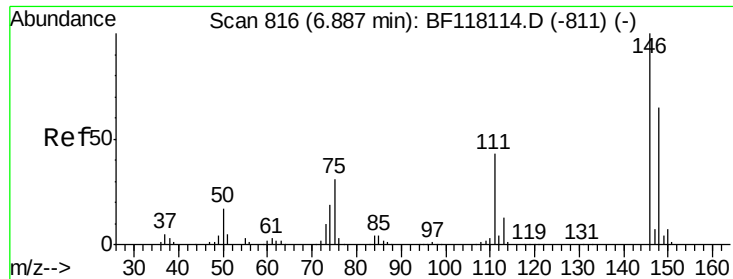
#12
 1,3-Dichlorobenzene
 Concen: 0.069 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.07 min
 Lab File: BF118134.D
 Acq: 7 Dec 2019 17:35

Tgt Ion: 146 Resp: 647
 Ion Ratio Lower Upper
 146 100
 148 73.1 50.2 75.4
 75 48.0 24.6 37.0#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

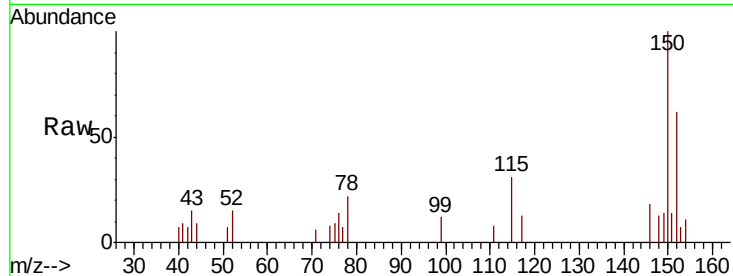




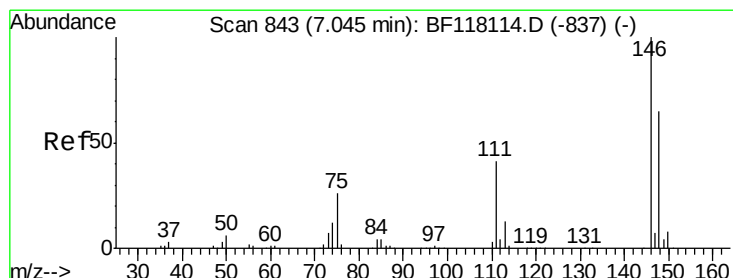
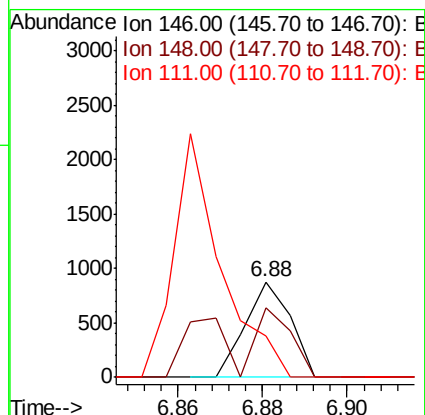
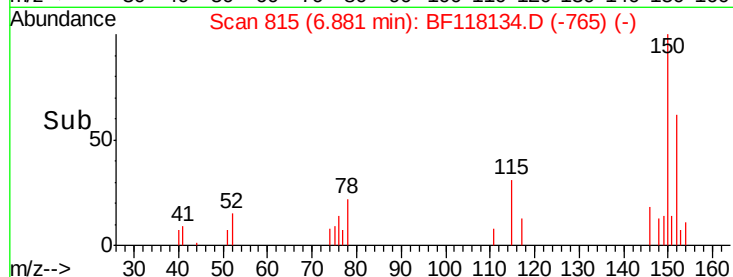
#13
1,4-Dichlorobenzene
Concen: 0.069 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:146 Resp: 647
Ion Ratio Lower Upper
146 100
148 73.1 52.1 78.1
111 42.7 34.6 52.0

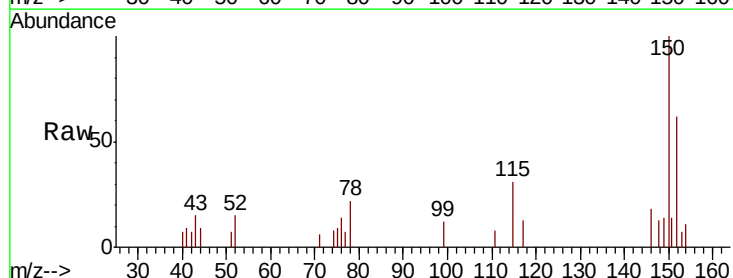


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

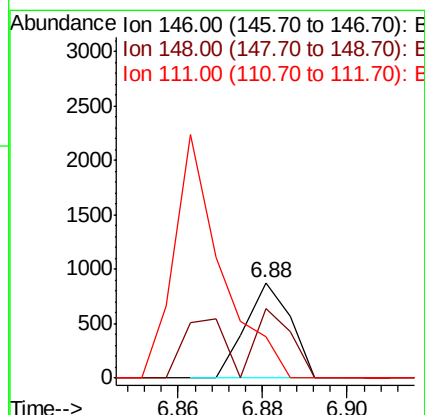
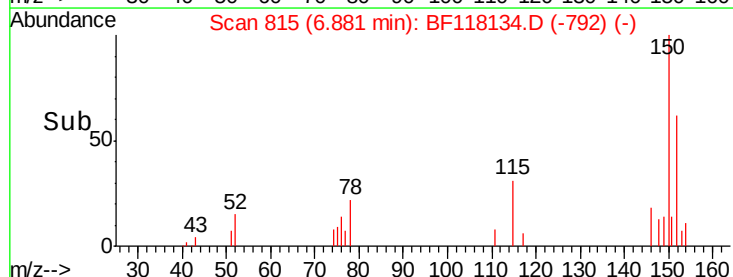


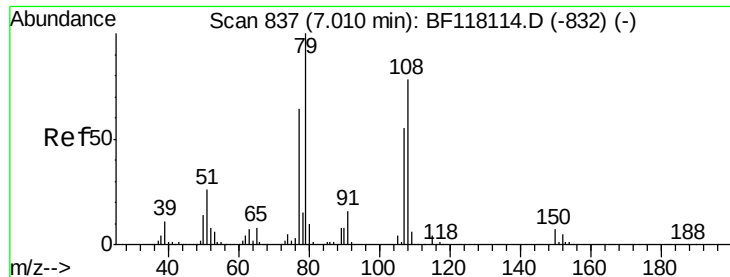
#14
1,2-Dichlorobenzene
Concen: 0.073 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.16 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:146 Resp: 647
Ion Ratio Lower Upper
146 100
148 73.1 52.2 78.2
111 42.7 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

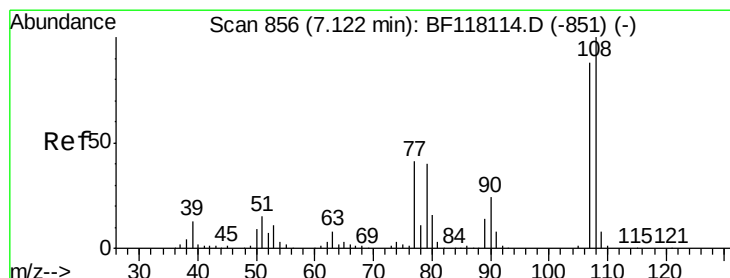
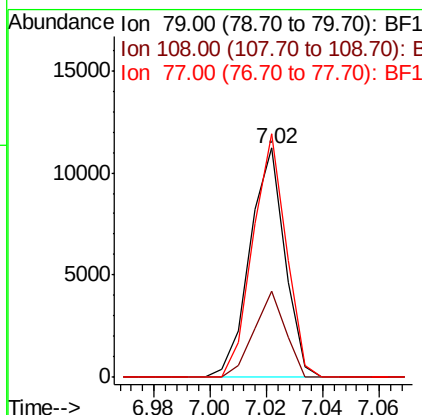
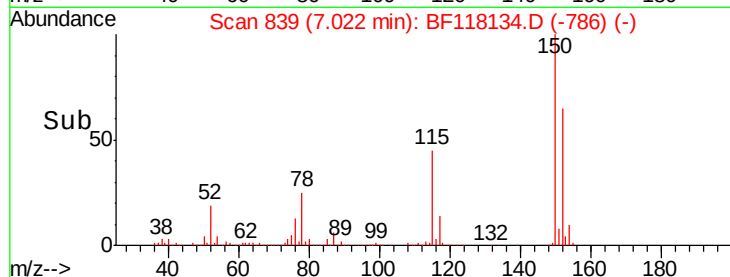
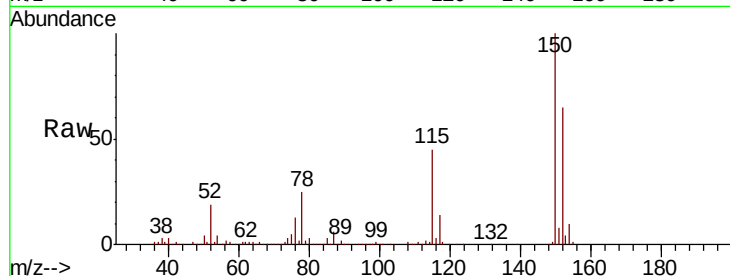




#15
Benzyl Alcohol
Concen: 1.432 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

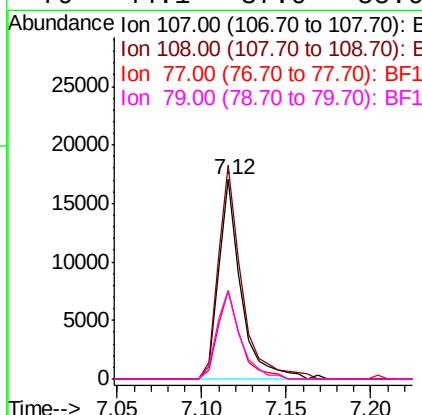
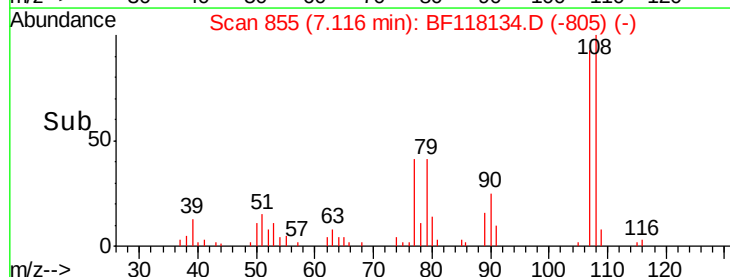
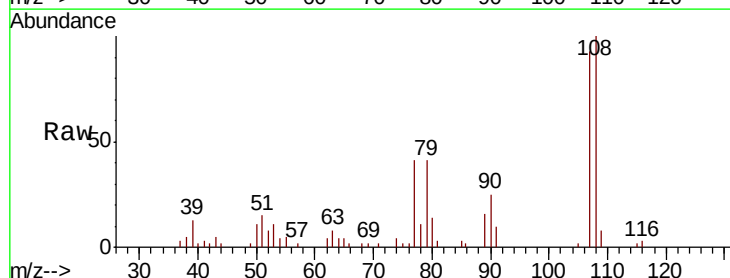
Instrument :
BNA_F
ClientSampleId :

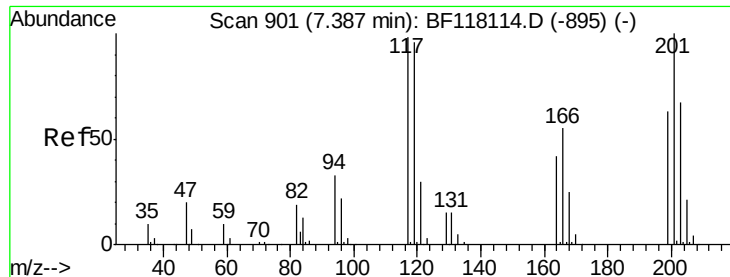
Tot Ion: 79 Resp: 9622
Ion Ratio Lower Upper
79 100
108 37.8 62.7 94.1#
77 106.2 51.4 77.2#



#17
2-Methylphenol
Concen: 2.478 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion: 107 Resp: 15819
Ion Ratio Lower Upper
107 100
108 107.2 91.1 136.7
77 44.5 37.8 56.6
79 44.1 37.0 55.6

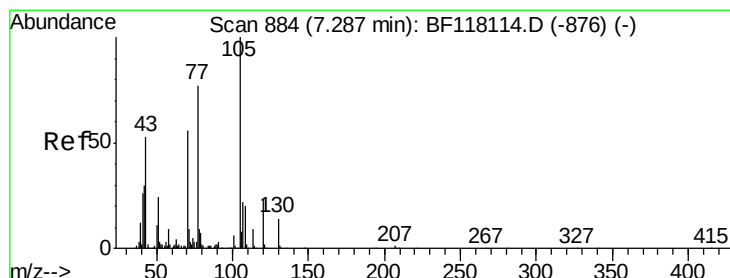
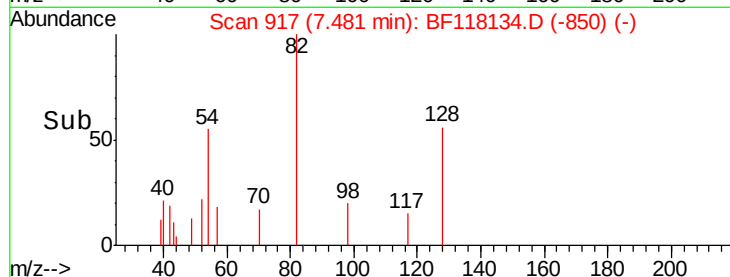
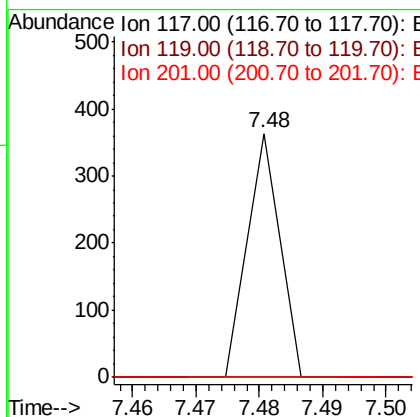
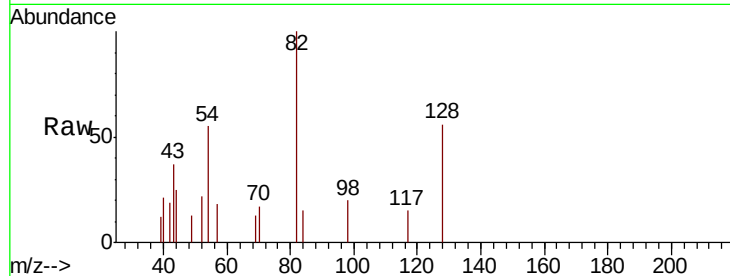




#18
Hexachloroethane
Concen: 0.037 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.09 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

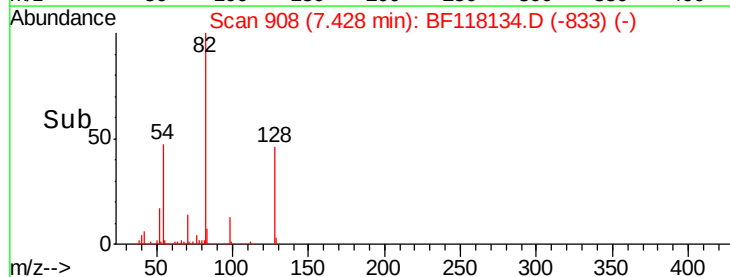
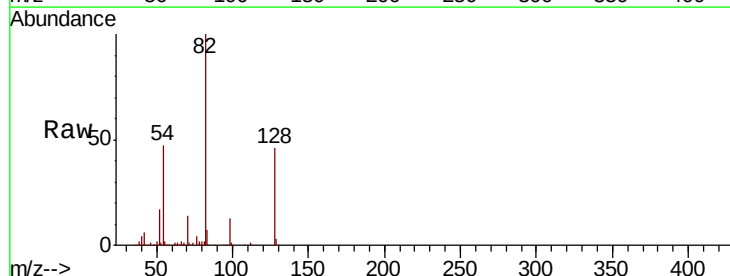
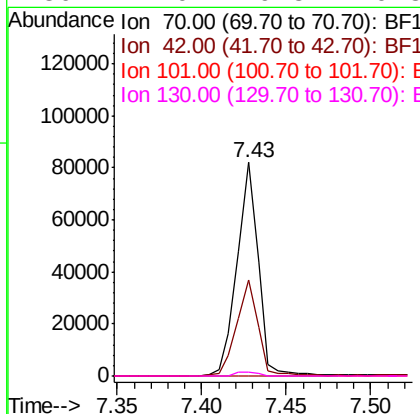
Instrument :
BNA_F
ClientSampleId :

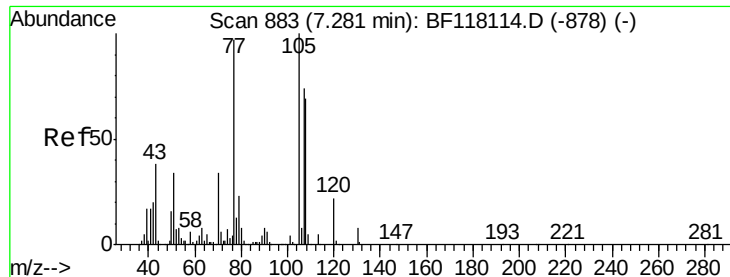
Tot Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.2	117.4#
201	0.0	81.6	122.4#



#19
n-Nitroso-di-n-propylamine
Concen: 13.762 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.1	43.2	64.8
101	0.0	8.1	12.1#
130	2.0	19.8	29.8#





#20

3+4-Methylphenols

Concen: 0.106 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 851

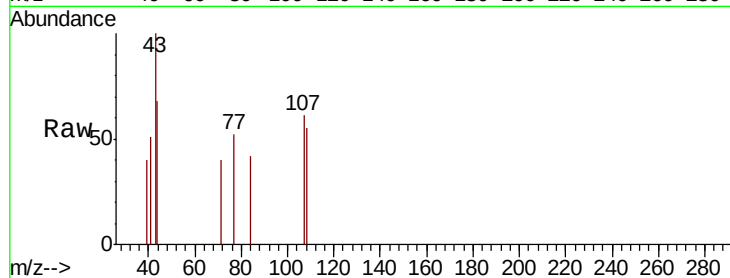
Ion Ratio Lower Upper

107 100

108 89.3 73.2 113.2

77 85.4 110.9 150.9#

79 0.0 11.5 51.5#

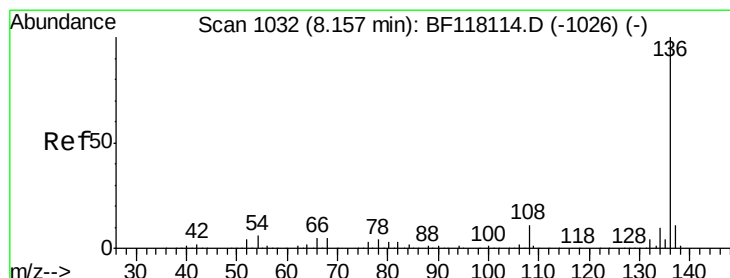
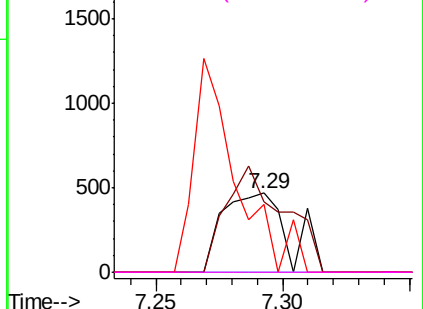
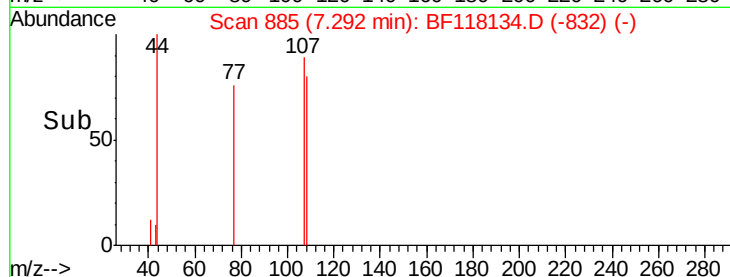


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Tgt Ion:136 Resp: 497774

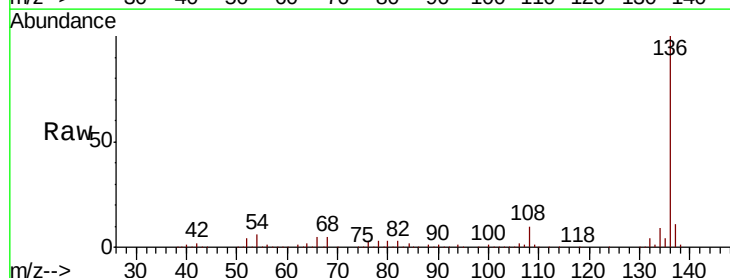
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 6.3 5.0 7.6

68 4.6 3.8 5.8

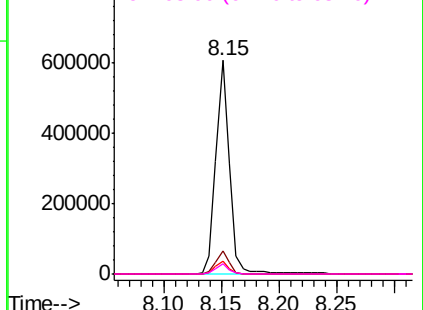
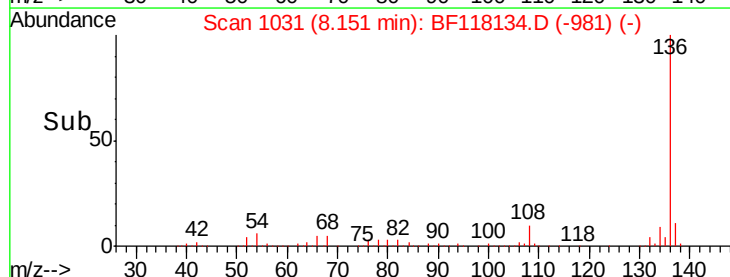


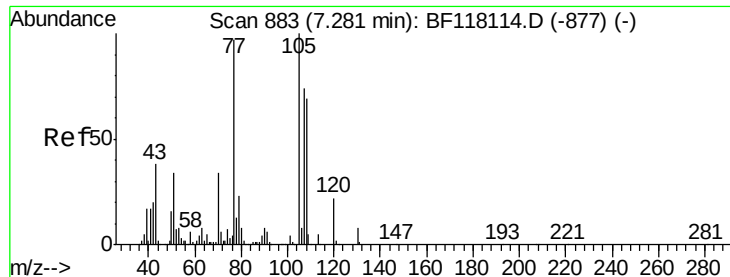
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 0.139 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 1662

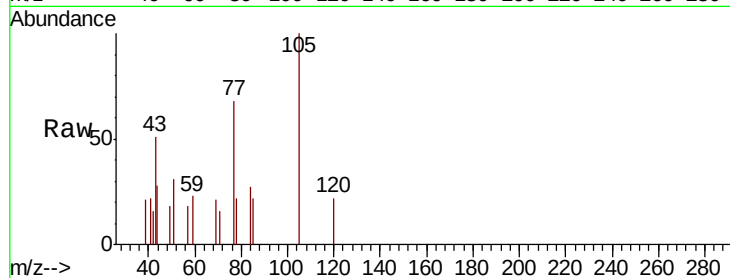
Ion Ratio Lower Upper

105 100

71 16.4 4.7 7.1#

51 31.2 27.1 40.7

120 21.8 17.8 26.6

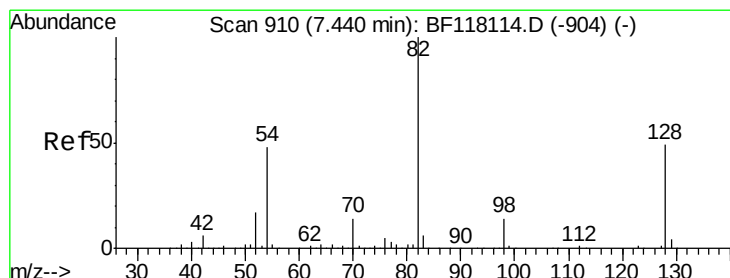
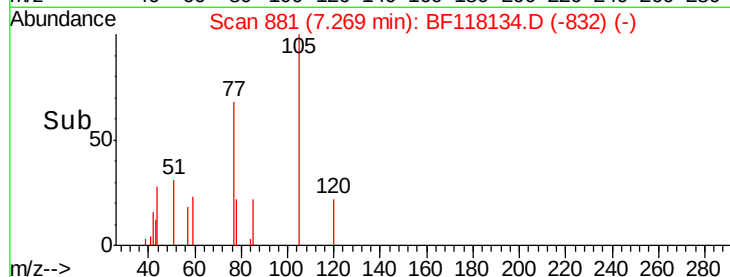
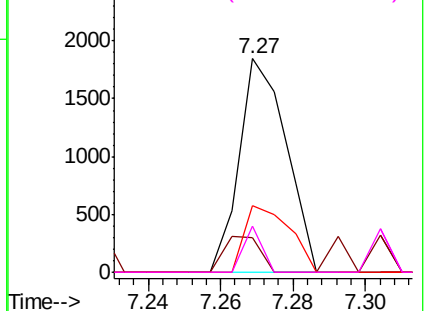


Abundance Ion 105.00 (104.70 to 105.70): E

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: 59.884 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

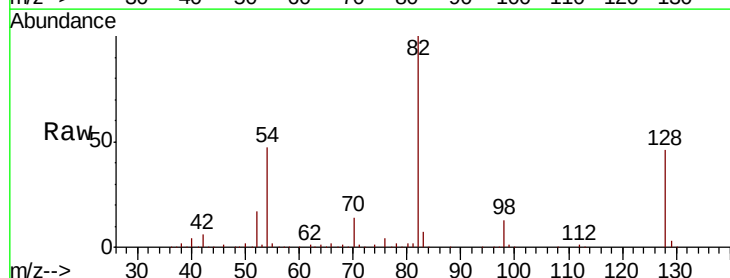
Tgt Ion: 82 Resp: 529855

Ion Ratio Lower Upper

82 100

128 46.3 39.1 58.7

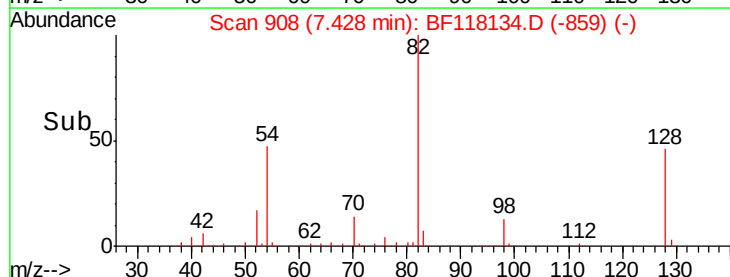
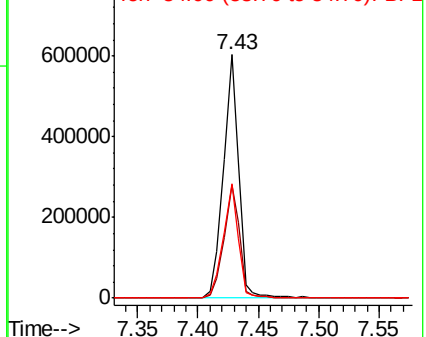
54 46.9 38.2 57.2

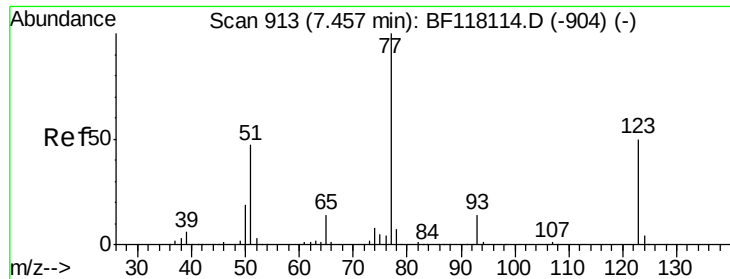


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.212 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Instrument :

BNA_F

ClientSampled :

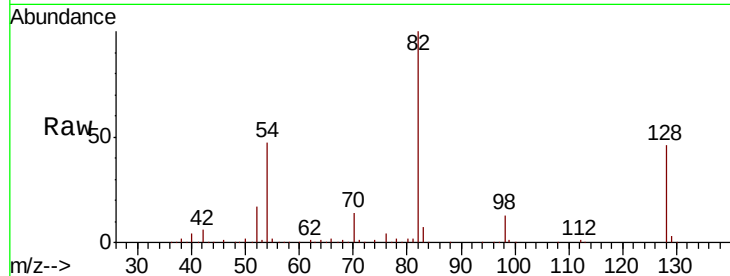
Tot Ion: 77 Resp: 1841

Ion Ratio Lower Upper

77 100

123 0.0 40.1 60.1#

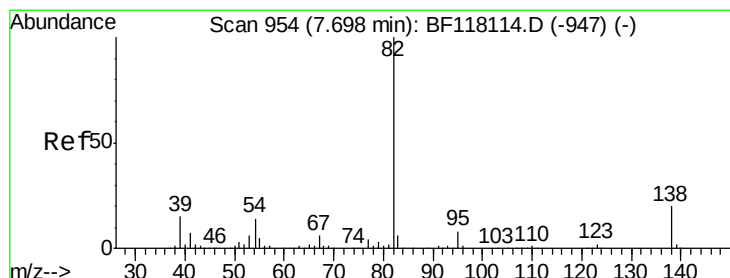
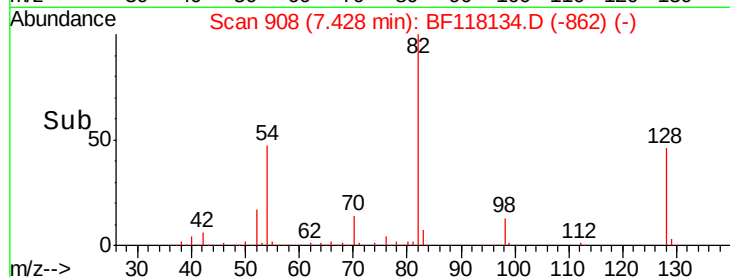
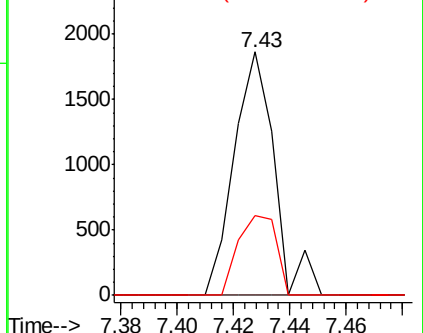
65 32.9 10.9 16.3#



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: 34.906 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.27 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

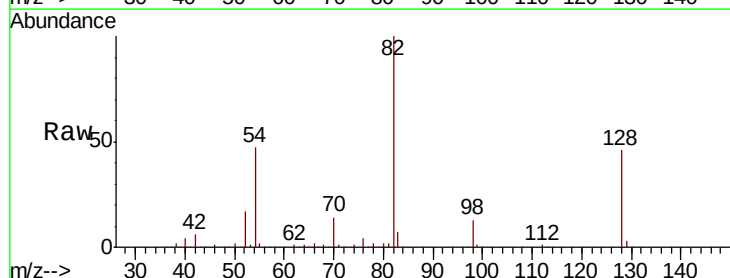
Tgt Ion: 82 Resp: 523565

Ion Ratio Lower Upper

82 100

95 0.0 6.3 9.5#

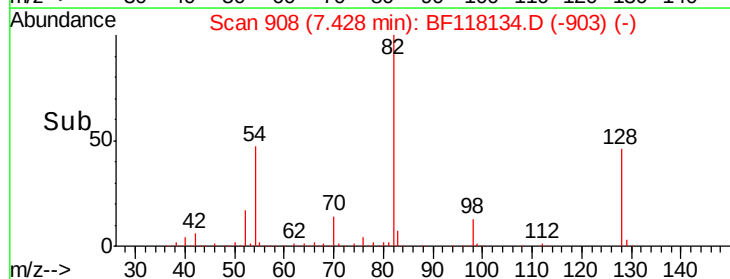
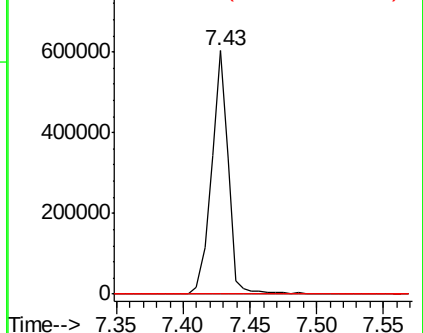
138 0.0 16.3 24.5#

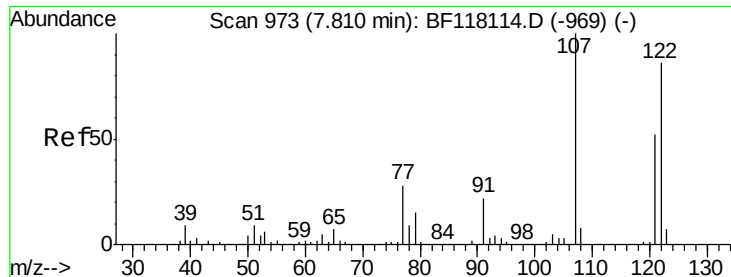


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

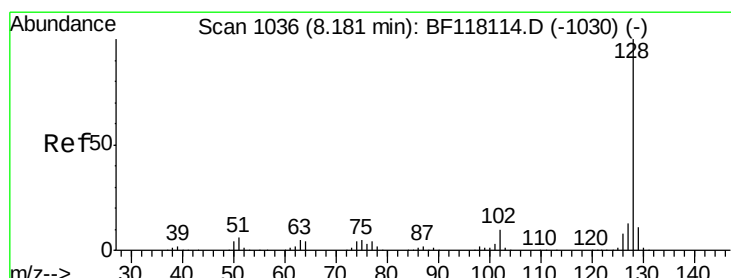
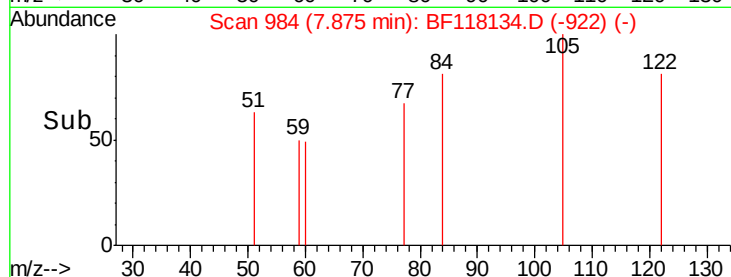
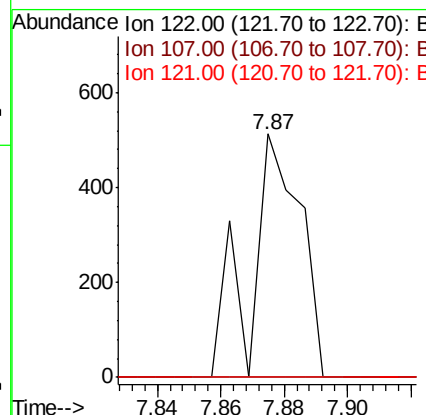
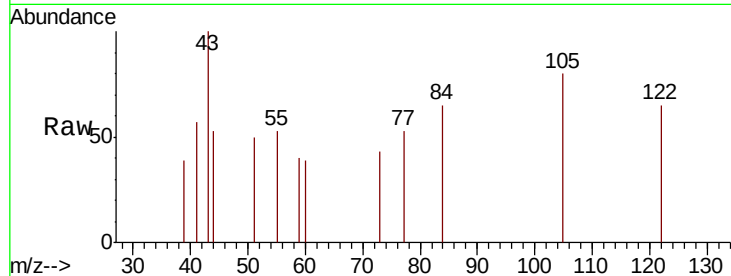




#27
2,4-Dimethylphenol
Concen: 0.091 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.06 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

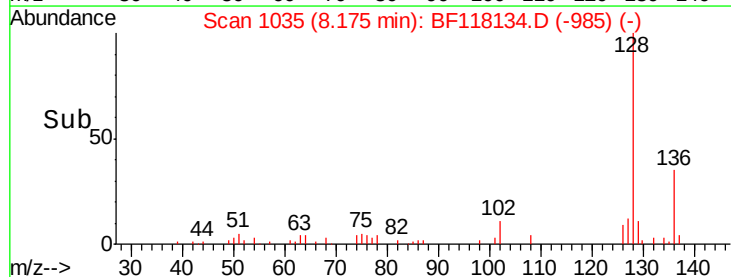
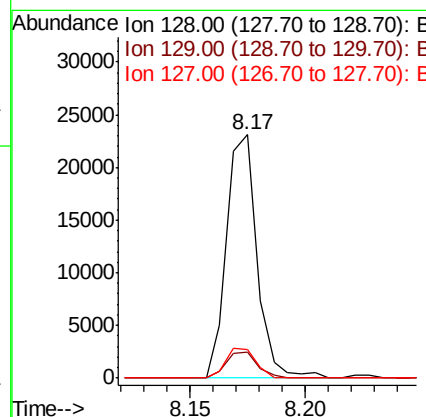
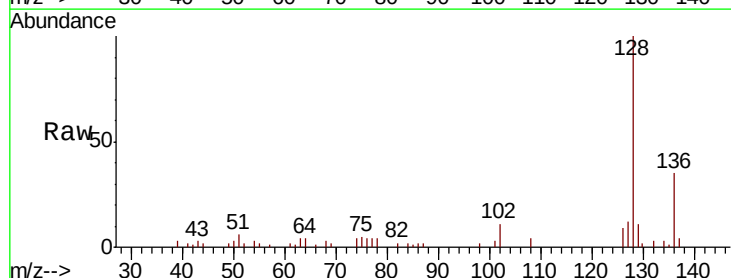
Instrument :
BNA_F
ClientSampled :

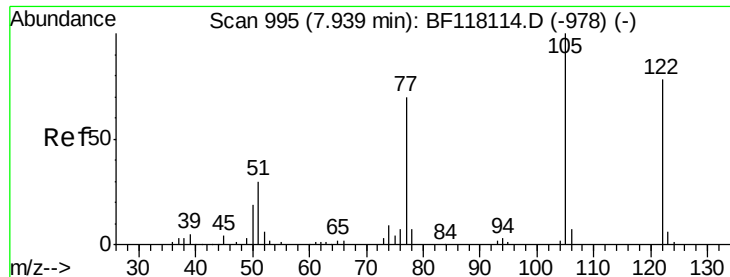
Tot Ion:122 Resp: 563
Ion Ratio Lower Upper
122 100
107 0.0 92.9 139.3#
121 0.0 48.3 72.5#



#31
Naphthalene
Concen: 0.847 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:128 Resp: 21182
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 11.9 10.6 16.0





#32

Benzoic acid

Concen: 0.101 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.06 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Instrument :

BNA_F

ClientSampled :

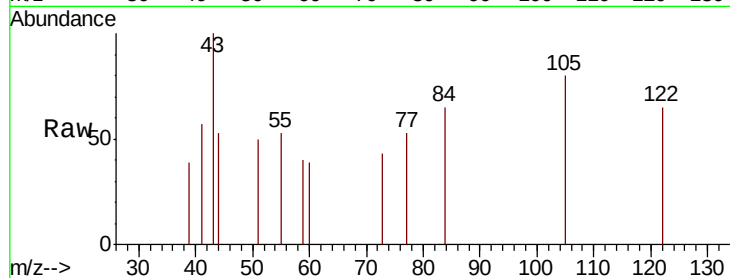
Tot Ion:122 Resp: 563

Ion Ratio Lower Upper

122 100

105 123.8 104.7 144.7

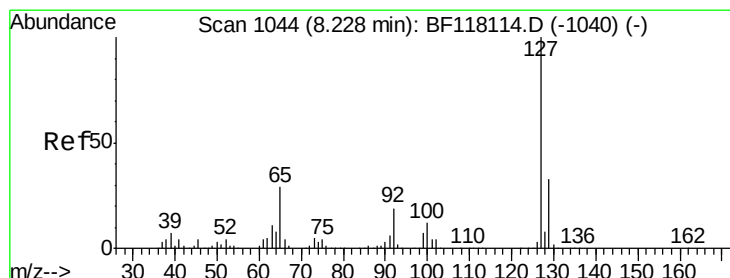
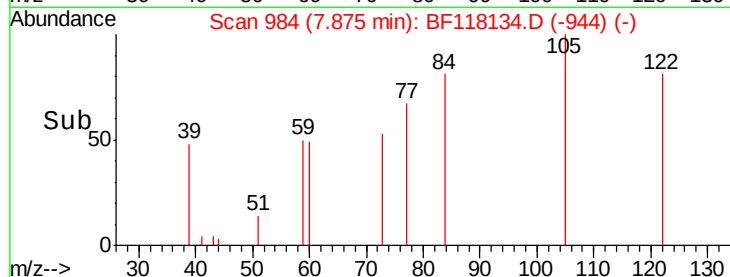
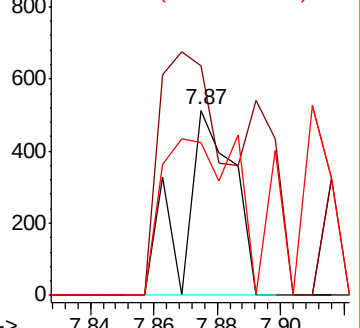
77 82.5 69.1 109.1



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: 0.237 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Tgt Ion:127 Resp: 2553

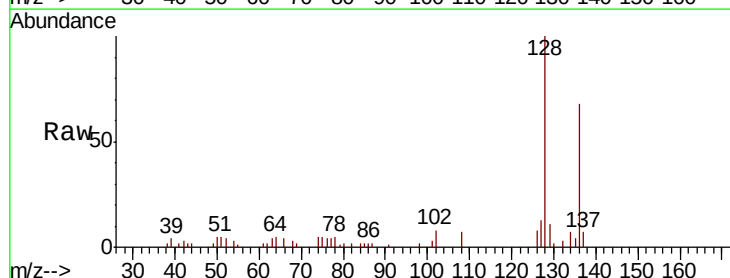
Ion Ratio Lower Upper

127 100

129 81.0 26.6 40.0#

65 0.0 23.2 34.8#

92 0.0 15.4 23.0#

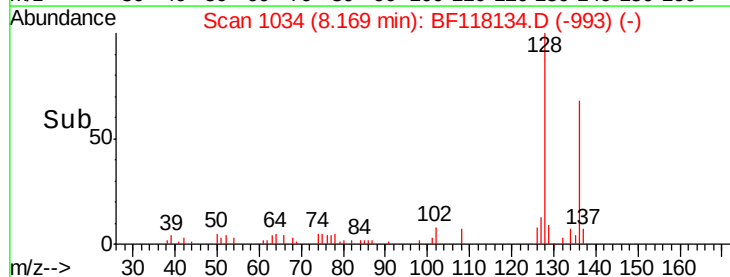
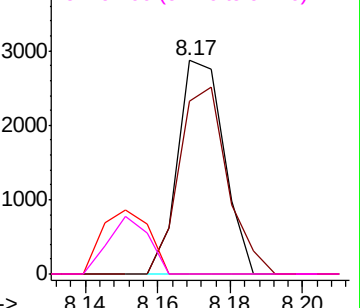


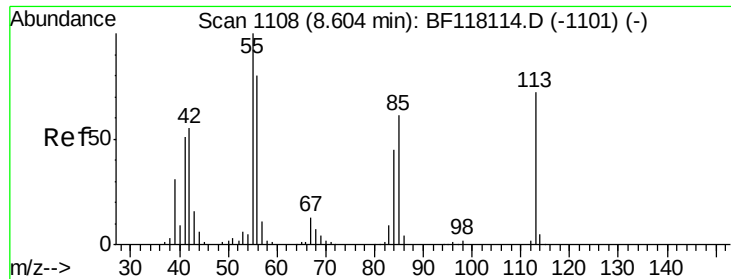
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

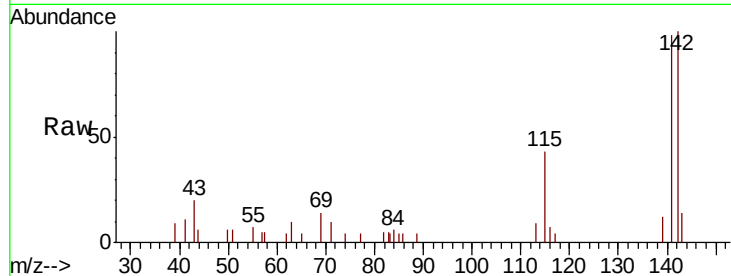




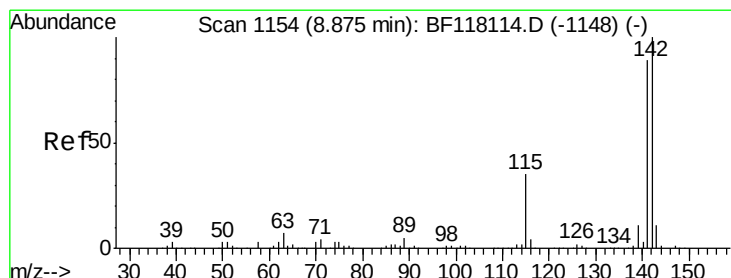
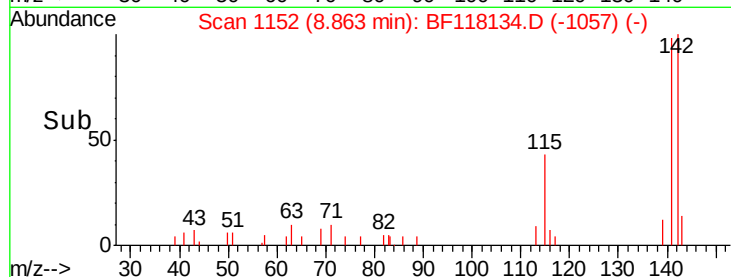
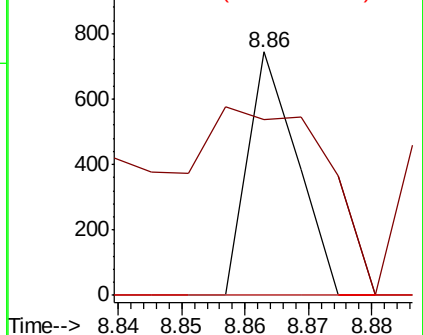
#35
Caprolactam
Concen: 0.179 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.26 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 399
Ion Ratio Lower Upper
113 100
55 72.3 118.9 158.9#
56 0.0 91.4 131.4#

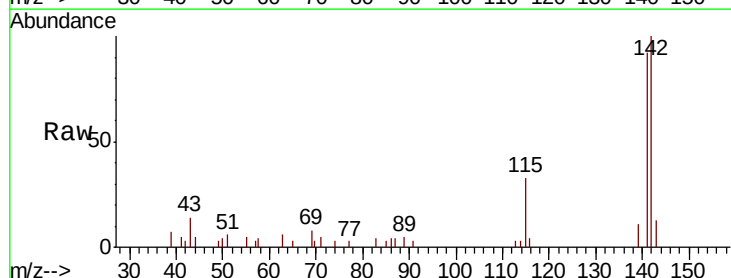


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

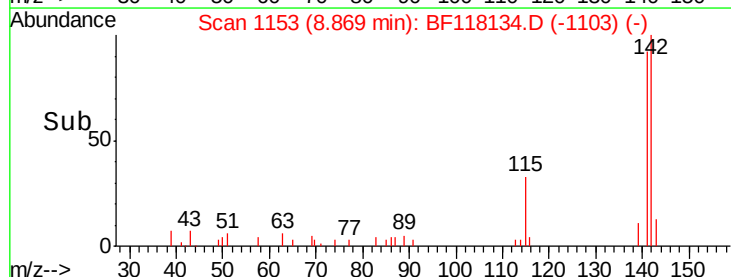
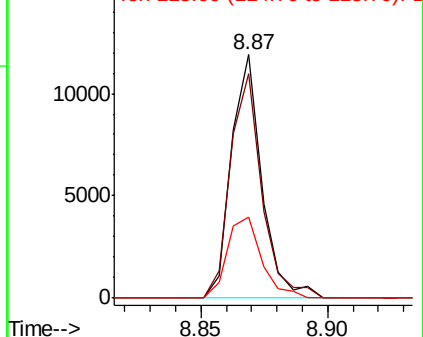


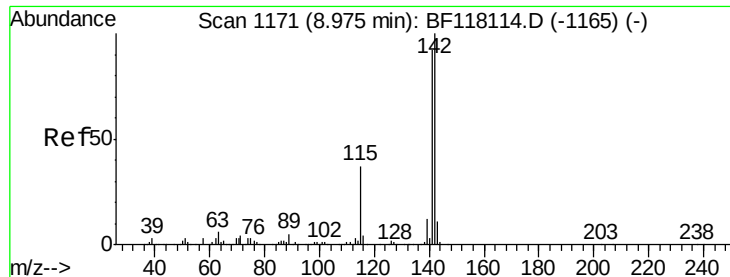
#37
2-Methylnaphthalene
Concen: 0.585 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:142 Resp: 9908
Ion Ratio Lower Upper
142 100
141 91.9 71.4 107.0
115 33.5 28.2 42.4



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

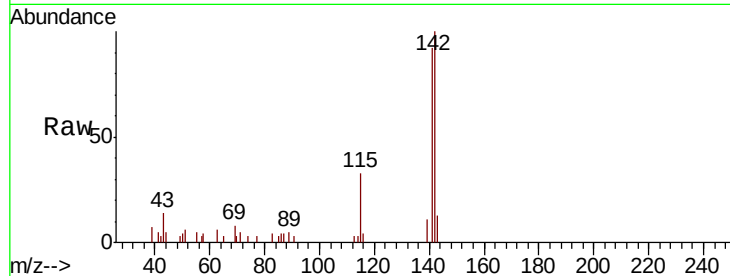




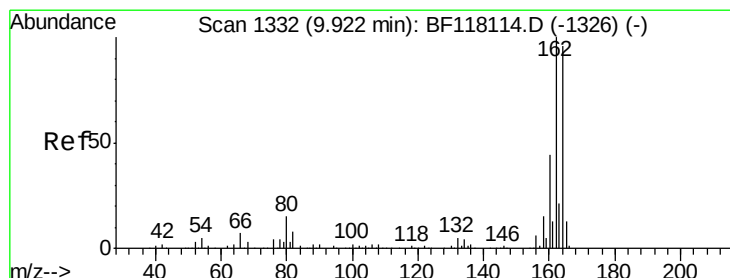
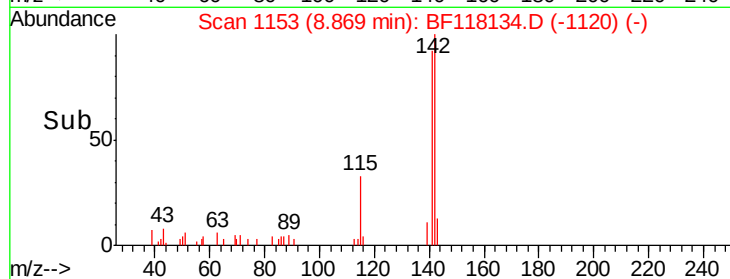
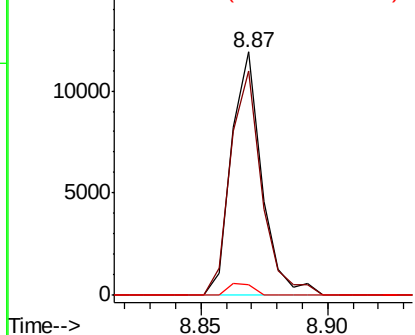
#38
1-Methylnaphthalene
Concen: 0.623 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.11 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 9908
Ion Ratio Lower Upper
142 100
141 91.9 74.0 111.0
116 4.2 3.2 4.8

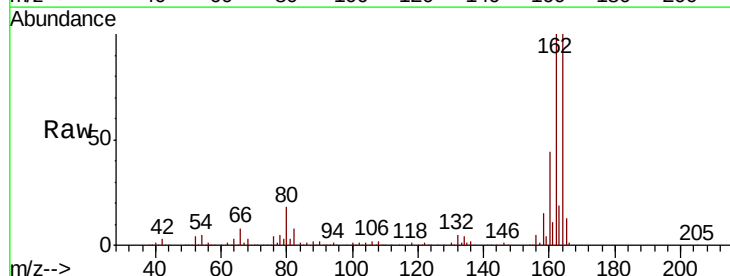


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

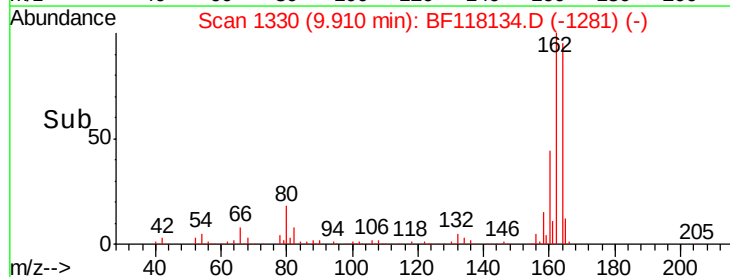
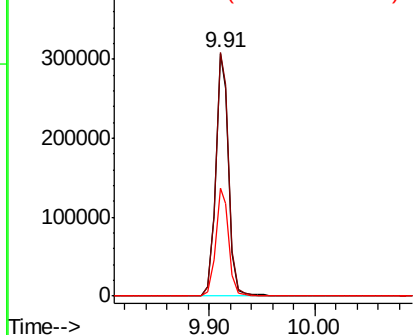


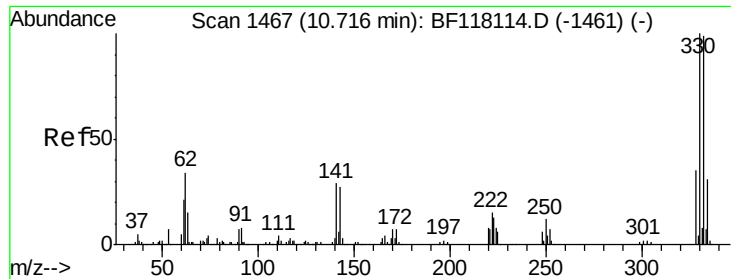
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:164 Resp: 269145
Ion Ratio Lower Upper
164 100
162 100.3 83.4 125.0
160 44.4 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

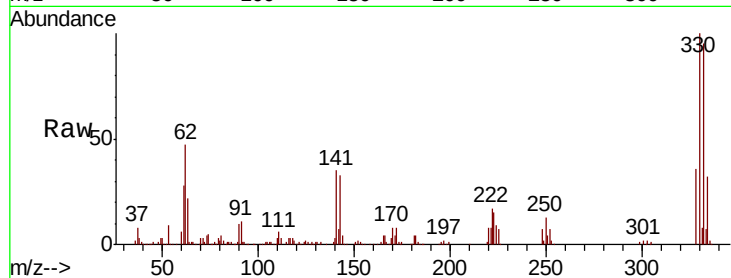




#42
 2,4,6-Tribromophenol
 Concen: 91.544 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118134.D
 Acq: 7 Dec 2019 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.1	117.1
141	33.5	26.9	40.3

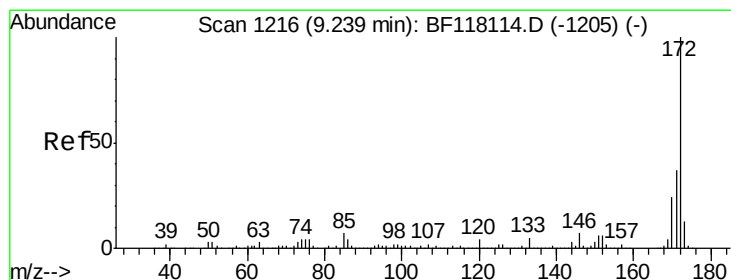
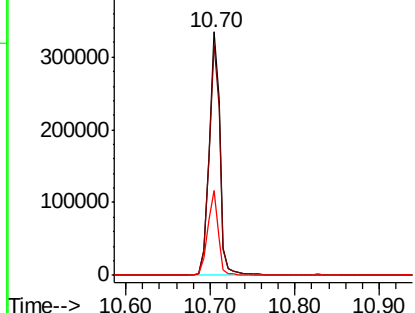
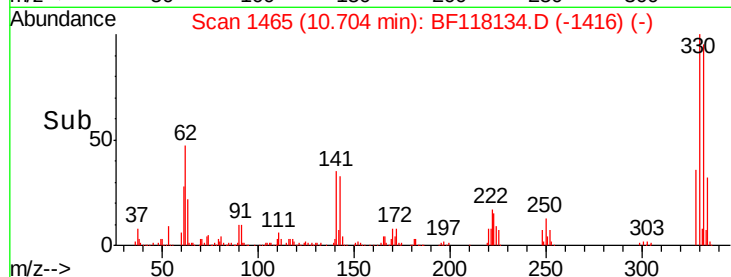


Abundance

Ion 329.80 (329.50 to 330.50): E

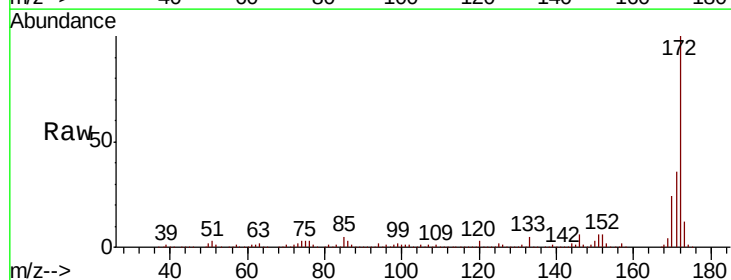
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 62.660 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118134.D
 Acq: 7 Dec 2019 17:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	23.8	19.4	29.2

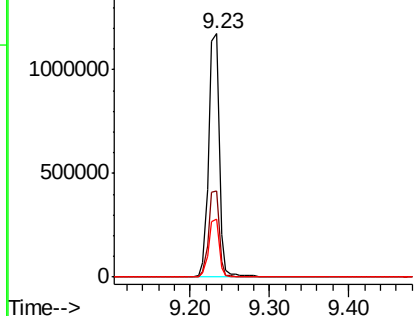
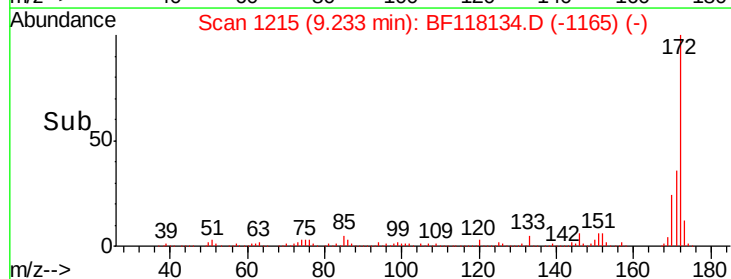


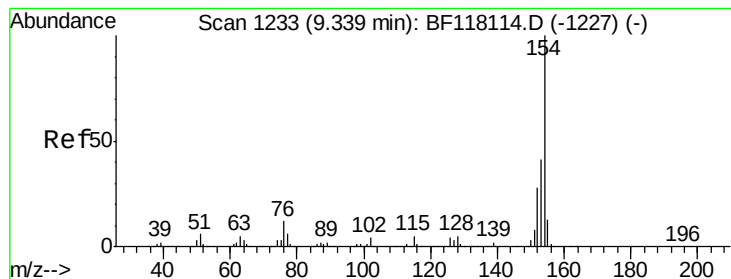
Abundance

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: 0.286 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

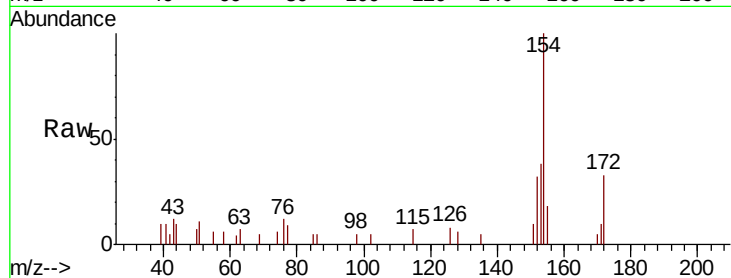
Tot Ion:154 Resp: 6080

Ion Ratio Lower Upper

154 100

153 38.2 20.7 60.7

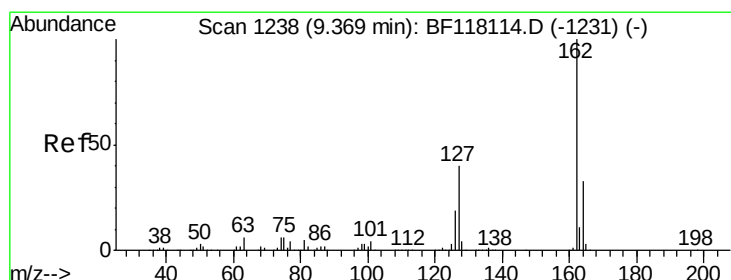
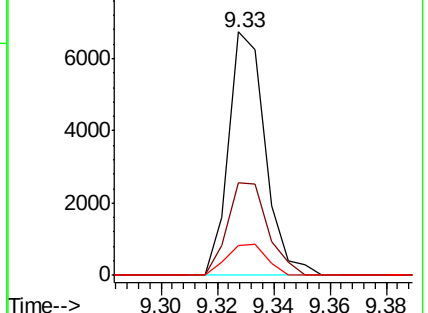
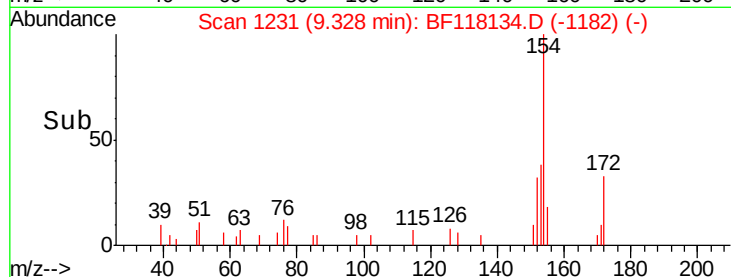
76 12.4 0.0 31.9



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: 0.007 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.07 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

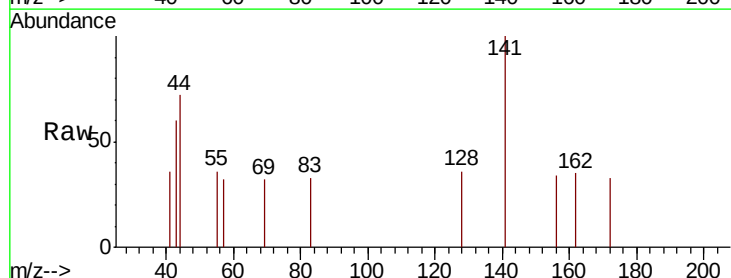
Tgt Ion:162 Resp: 118

Ion Ratio Lower Upper

162 100

127 0.0 32.0 48.0#

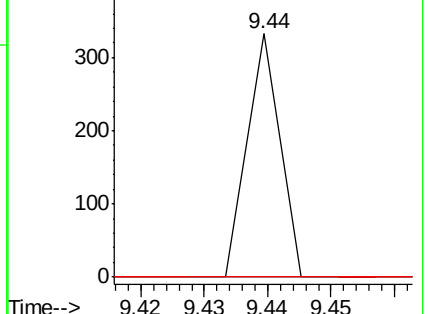
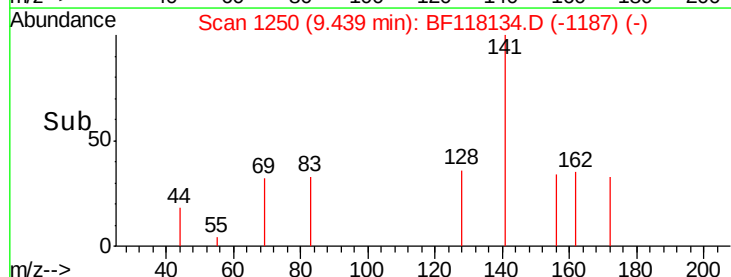
164 0.0 26.1 39.1#

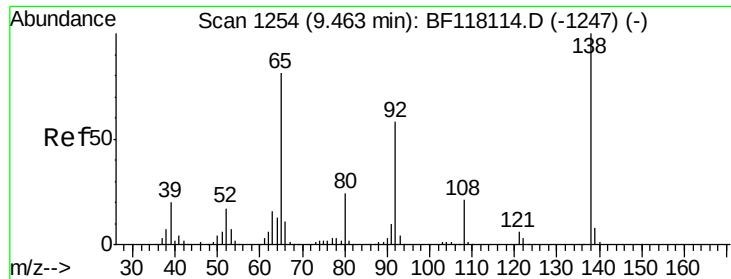


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

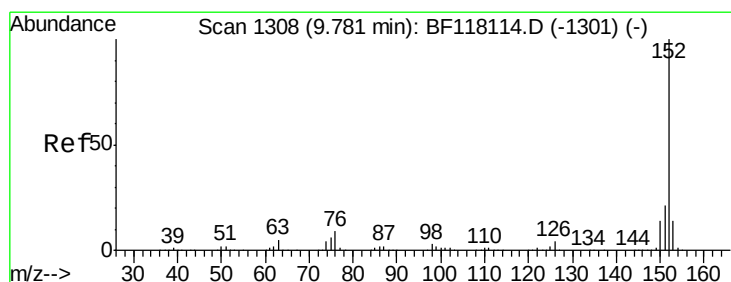
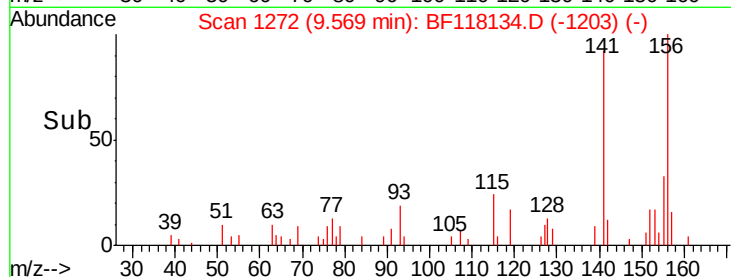
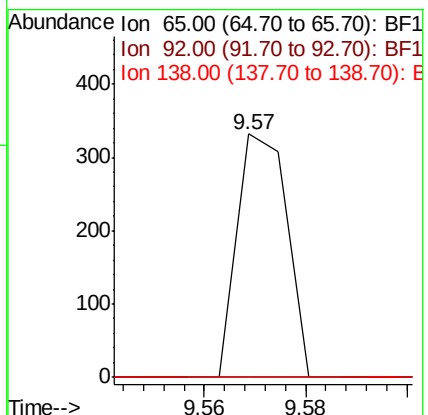
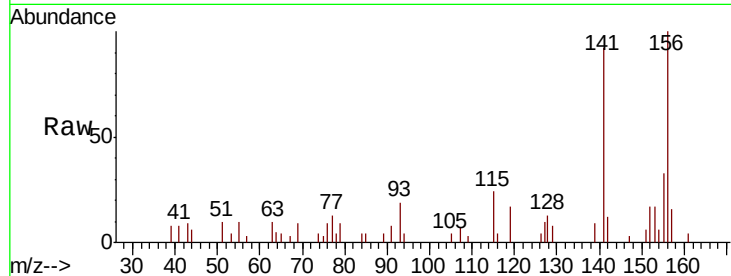




#48
2-Nitroaniline
Concen: 0.046 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.11 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

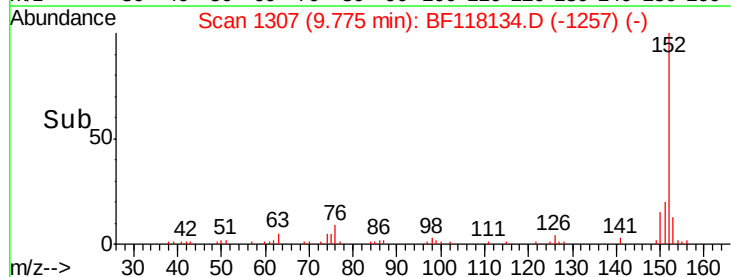
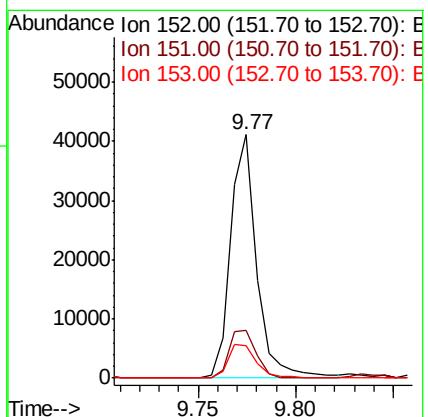
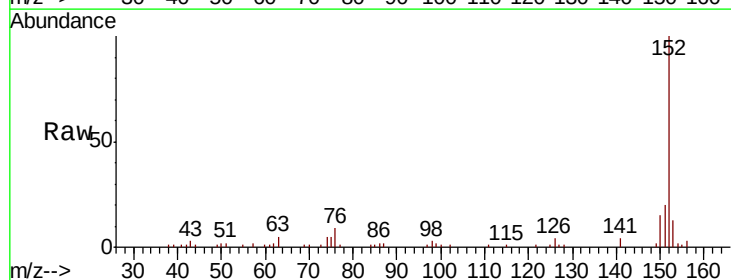
Instrument :
BNA_F
ClientSampleId :

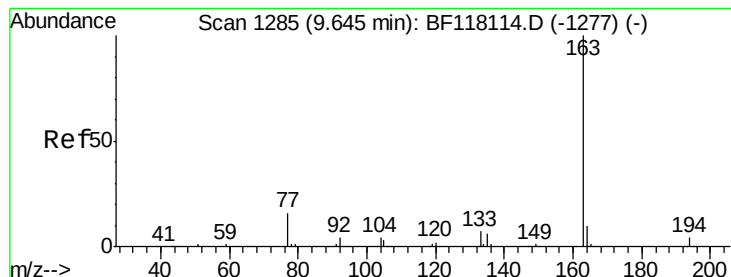
Tot Ion: 65 Resp: 226
Ion Ratio Lower Upper
65 100
92 0.0 57.8 86.6#
138 0.0 98.8 148.2#



#49
Acenaphthylene
Concen: 1.518 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion: 152 Resp: 38220
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 13.1 10.8 16.2





#50

Dimethylphthalate

Concen: 6.407 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

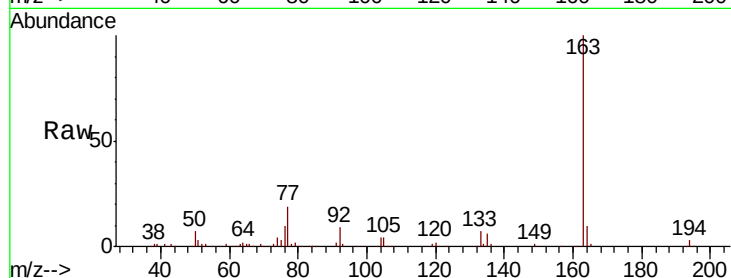
Tot Ion:163 Resp: 127375

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

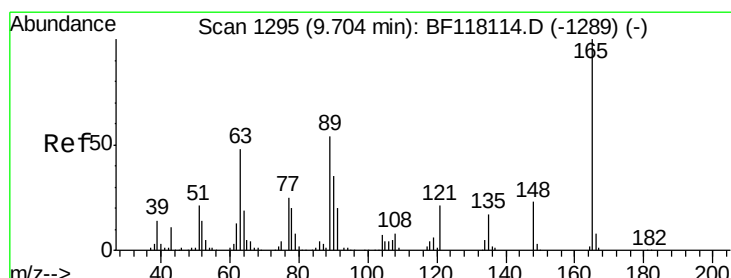
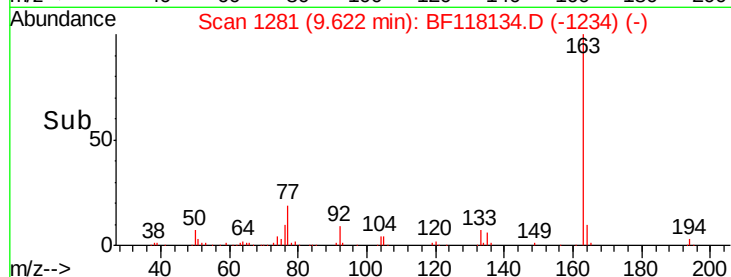
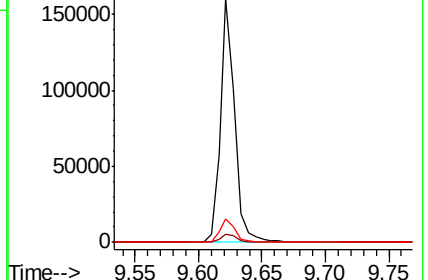
164 9.6 7.7 11.5



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: 0.310 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.08 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

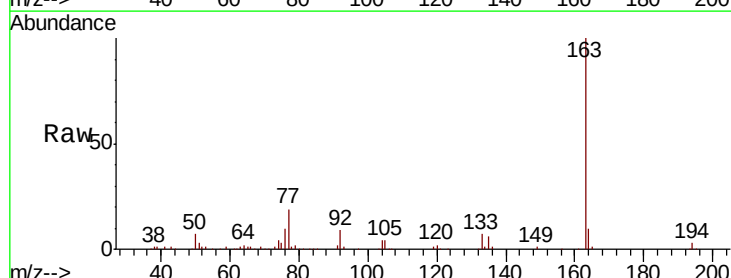
Tgt Ion:165 Resp: 1342

Ion Ratio Lower Upper

165 100

63 122.4 41.4 62.0#

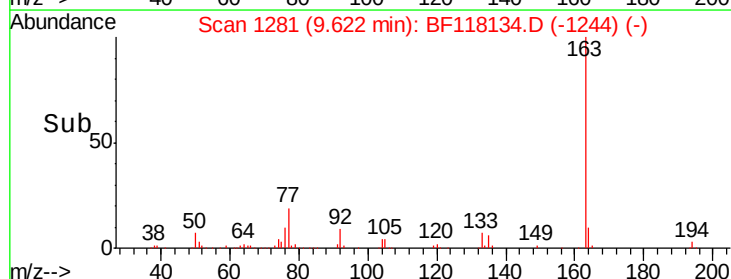
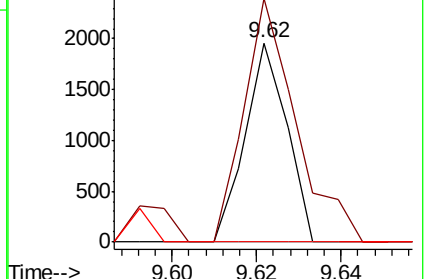
89 0.0 42.9 64.3#

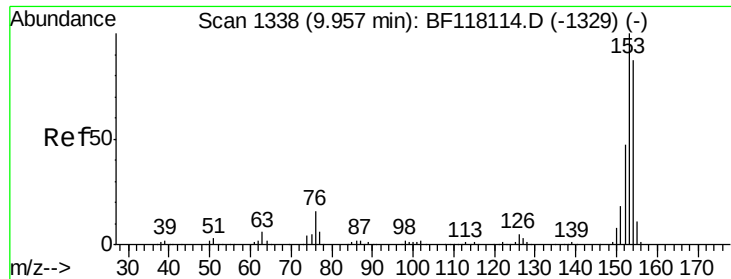


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.518 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

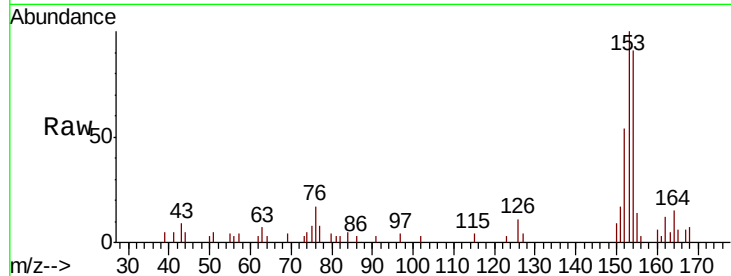
Tot Ion:154 Resp: 7962

Ion Ratio Lower Upper

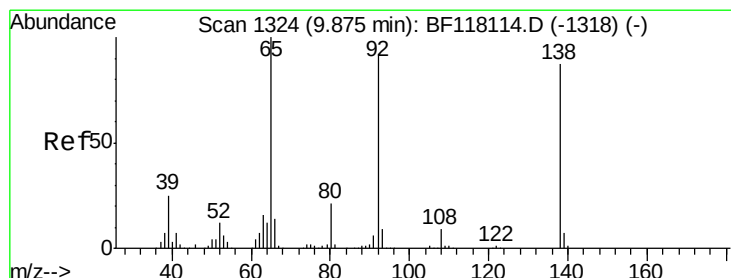
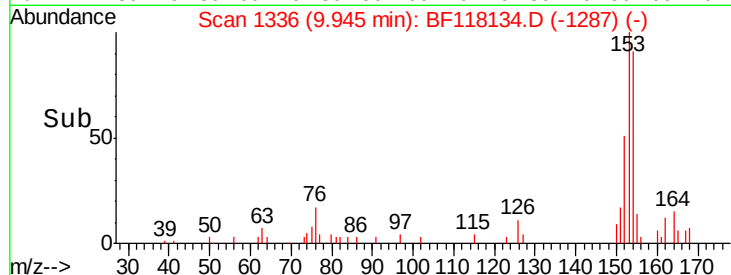
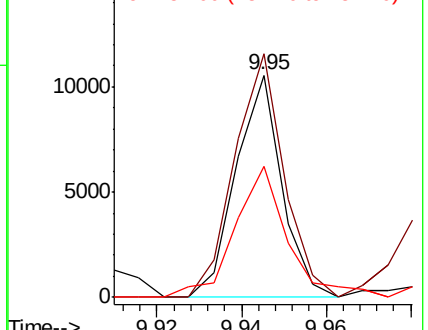
154 100

153 109.6 91.8 137.6

152 59.2 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: 0.074 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.24 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

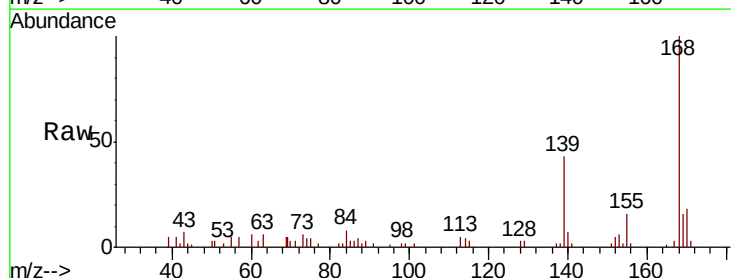
Tgt Ion:138 Resp: 375

Ion Ratio Lower Upper

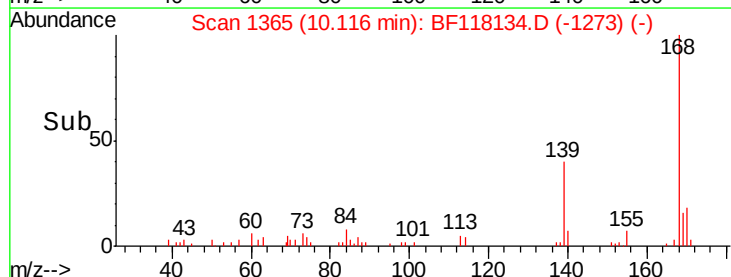
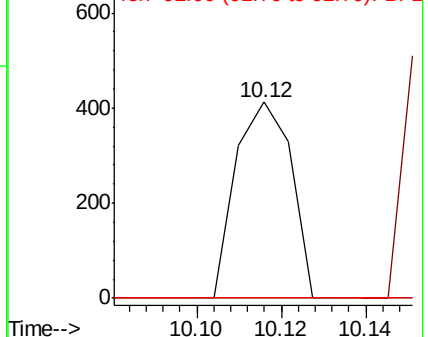
138 100

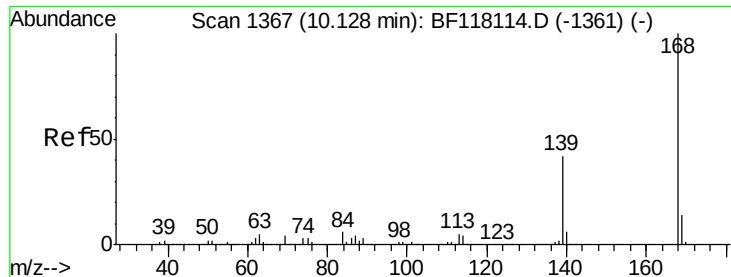
108 0.0 8.2 12.4#

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

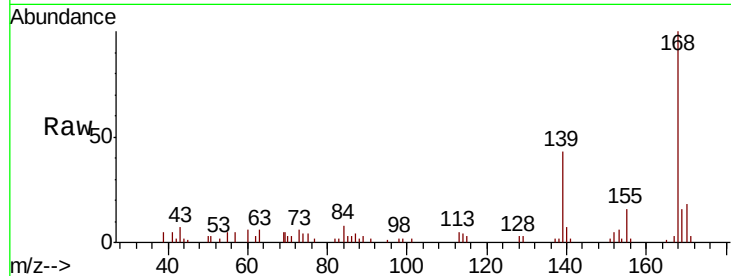




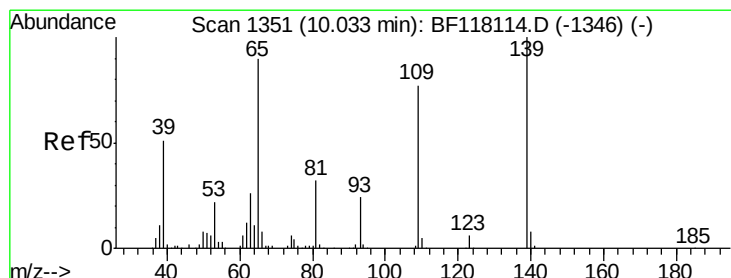
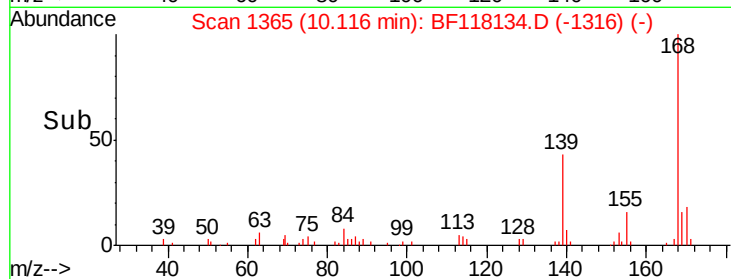
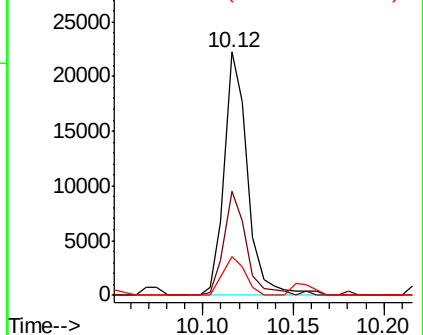
#55
Dibenzenofuran
Concen: 0.890 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 20037
Ion Ratio Lower Upper
168 100
139 43.0 33.4 50.0
169 16.0 11.0 16.6

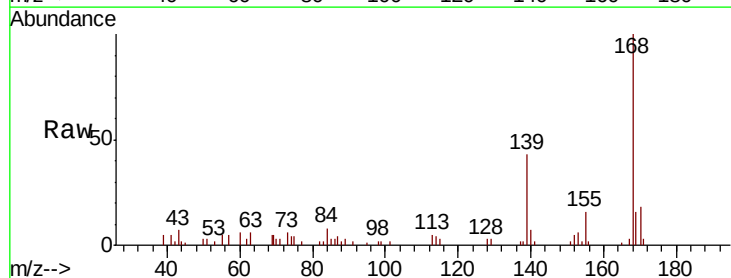


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

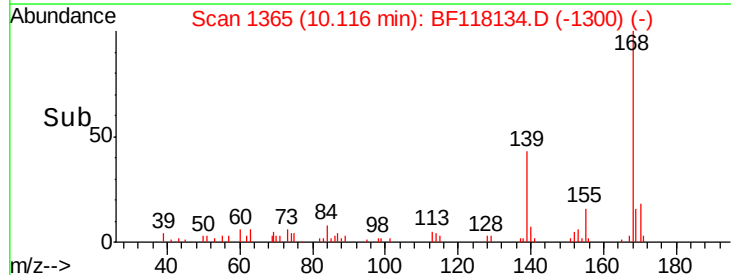
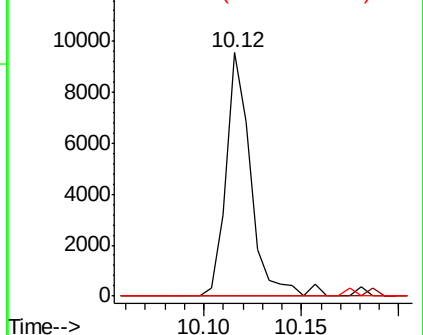


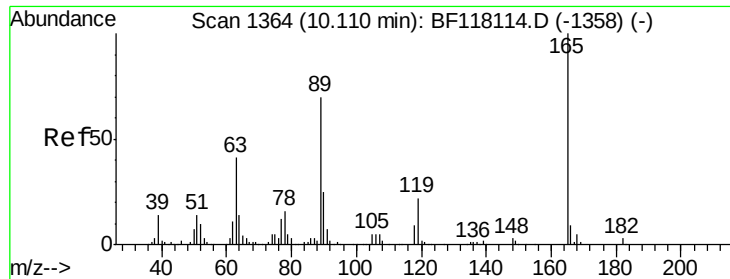
#56
4-Nitrophenol
Concen: 2.371 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.08 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:139 Resp: 8370
Ion Ratio Lower Upper
139 100
109 0.0 57.3 97.3#
65 0.0 70.2 110.2#



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

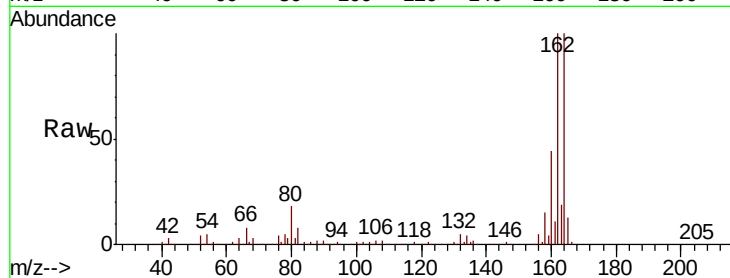




#57
2,4-Dinitrotoluene
Concen: 6.150 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.6	49.0#
89	1.6	56.1	84.1#
182	0.0	2.1	3.1#



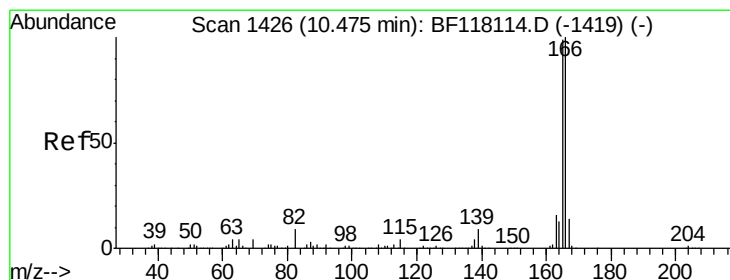
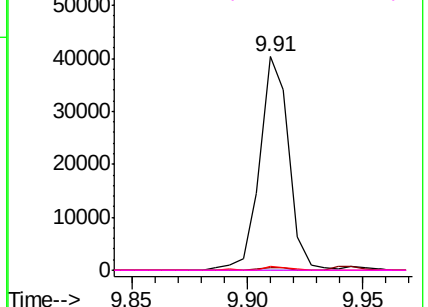
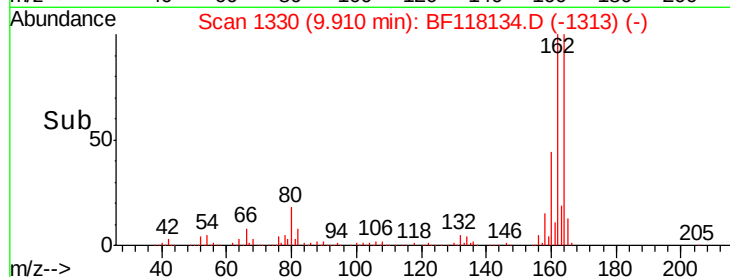
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

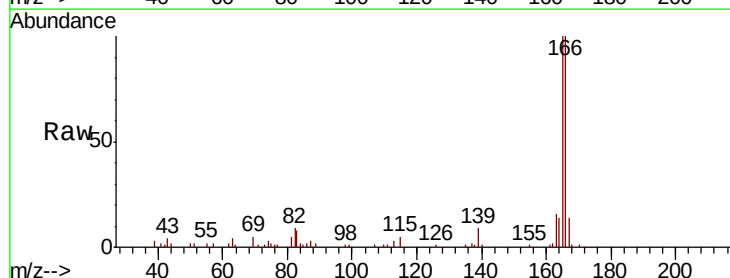
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 1.984 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.0	118.4
167	14.2	10.9	16.3

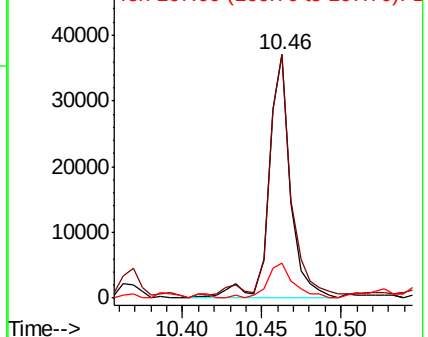
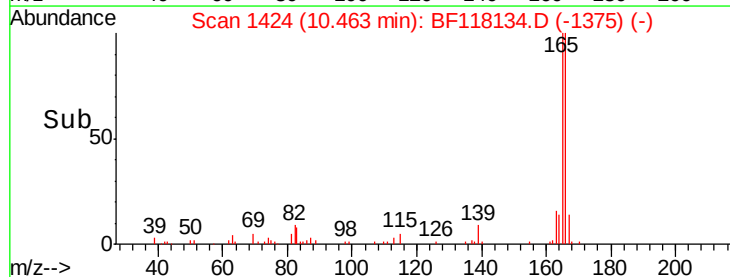


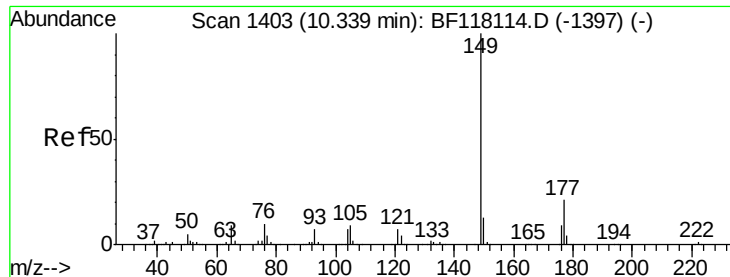
Abundance

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: 0.023 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

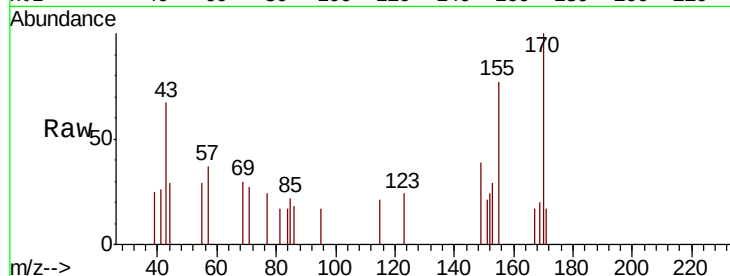
Tot Ion:149 Resp: 446

Ion Ratio Lower Upper

149 100

177 0.0 17.0 25.4#

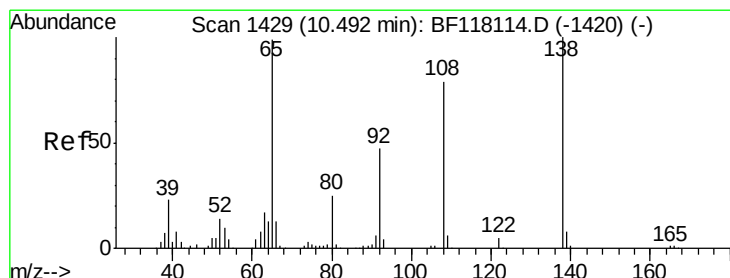
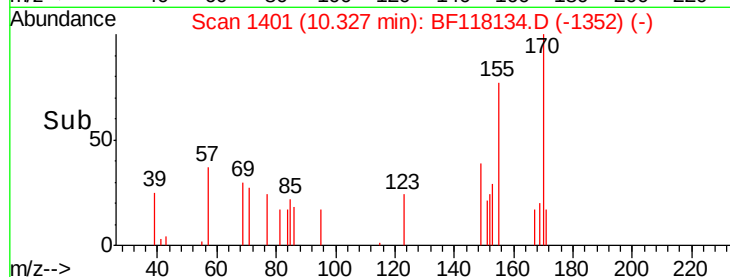
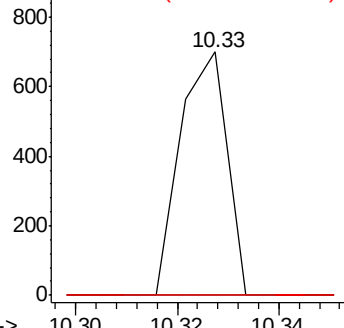
150 0.0 10.1 15.1#



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: 0.058 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.03 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

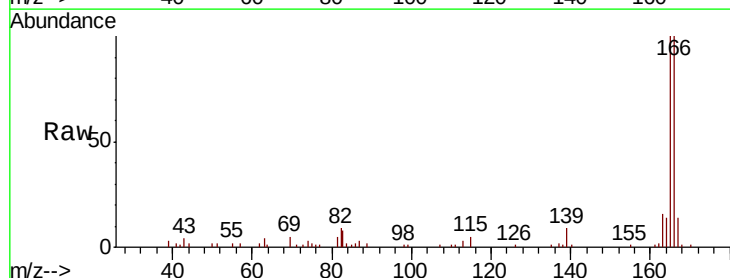
Tgt Ion:138 Resp: 309

Ion Ratio Lower Upper

138 100

92 0.0 27.1 67.1#

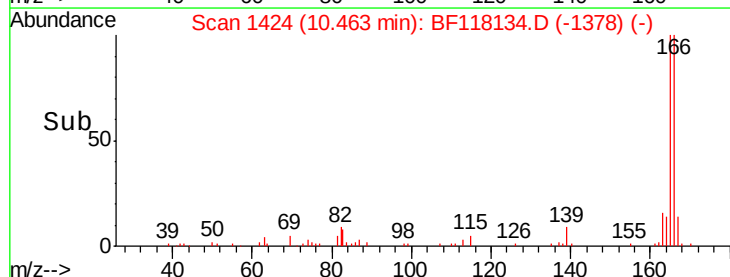
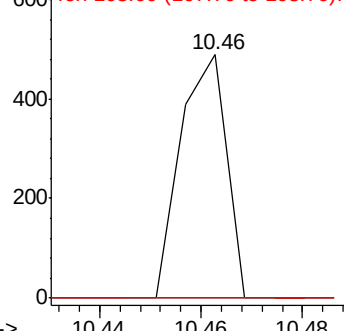
108 0.0 59.0 99.0#

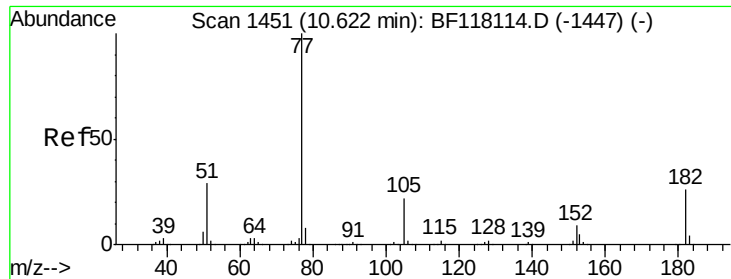


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

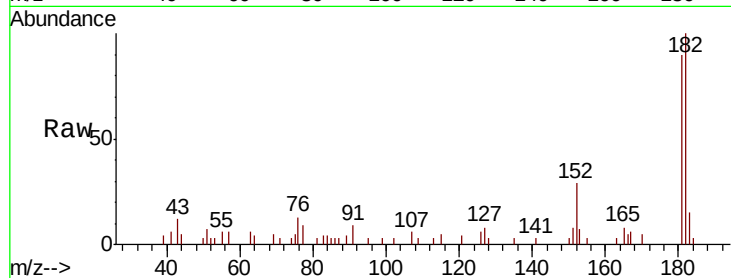




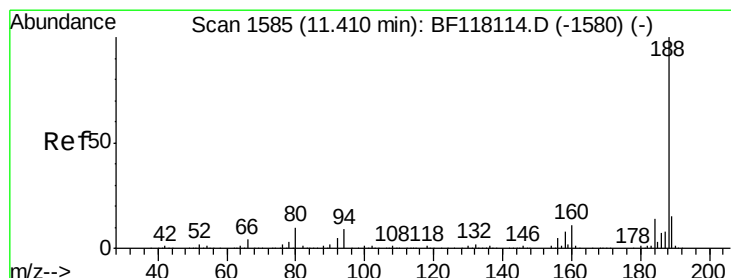
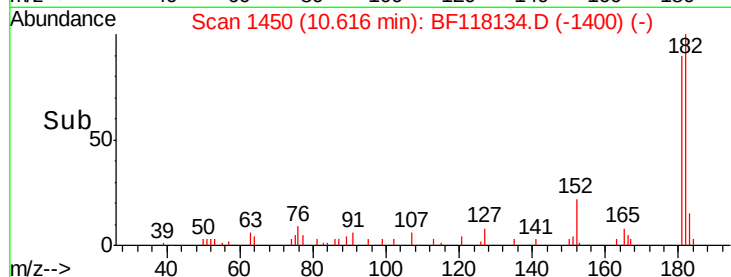
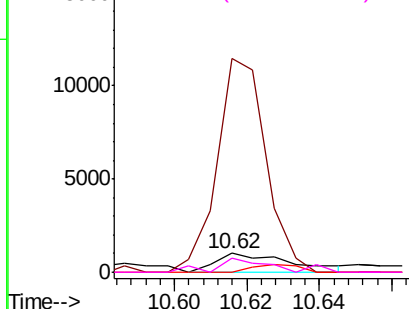
#63
Azobenzene
Concen: 0.087 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1453
Ion Ratio Lower Upper
77 100
182 1148.1 5.7 45.7#
105 0.0 2.2 42.2#
51 79.2 9.6 49.6#

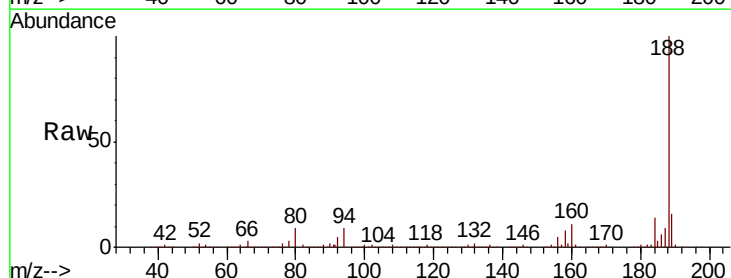


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

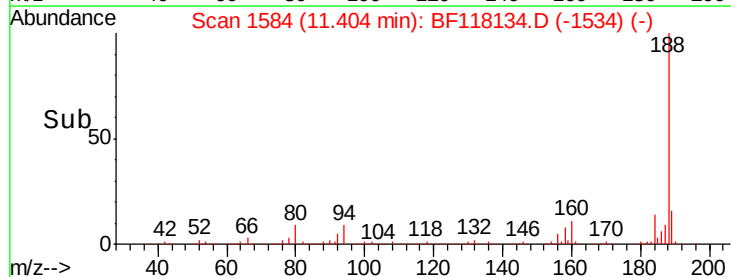
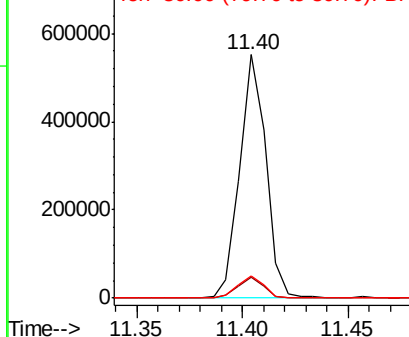


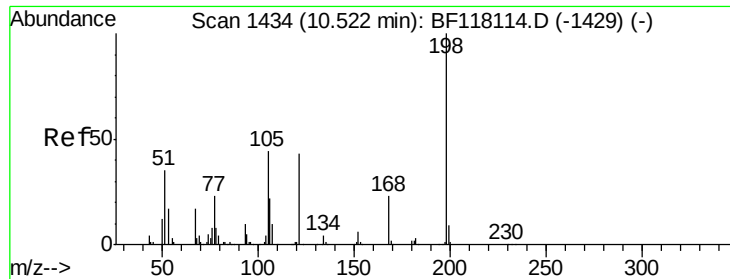
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion: 188 Resp: 472723
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.2 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: 0.208 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.18 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Instrument :

BNA_F

ClientSampled :

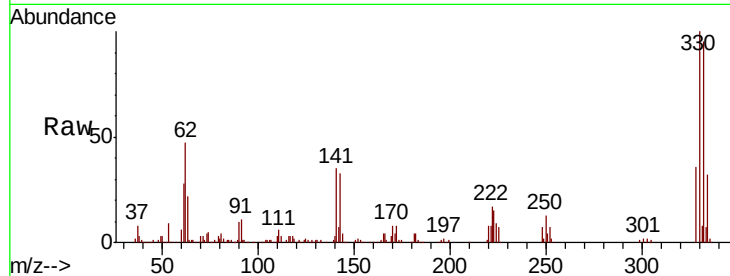
Tot Ion:198 Resp: 542

Ion Ratio Lower Upper

198 100

51 256.4 22.0 62.0#

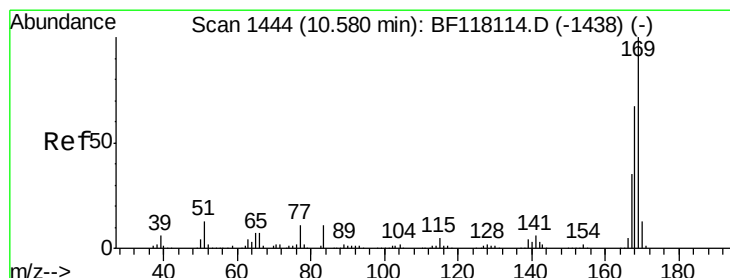
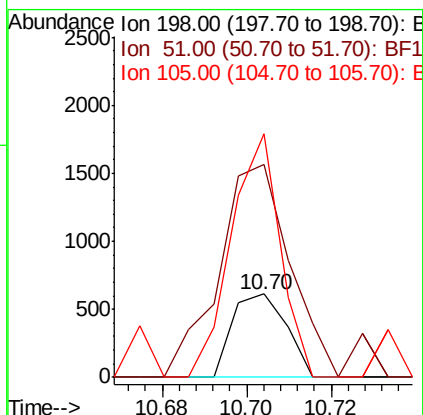
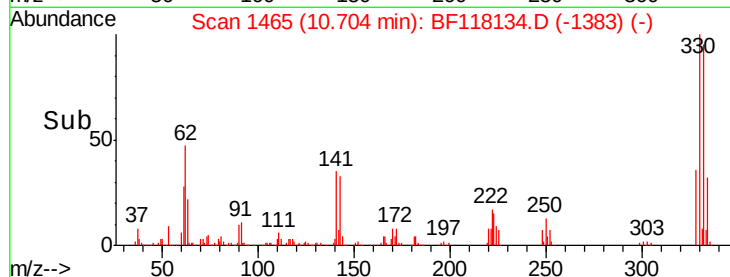
105 292.5 25.6 65.6#



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: 0.153 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

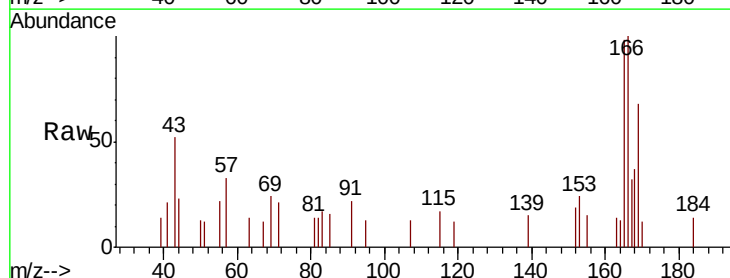
Tgt Ion:169 Resp: 2252

Ion Ratio Lower Upper

169 100

168 54.2 53.4 80.2

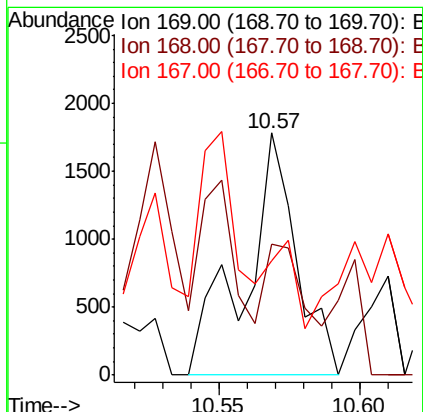
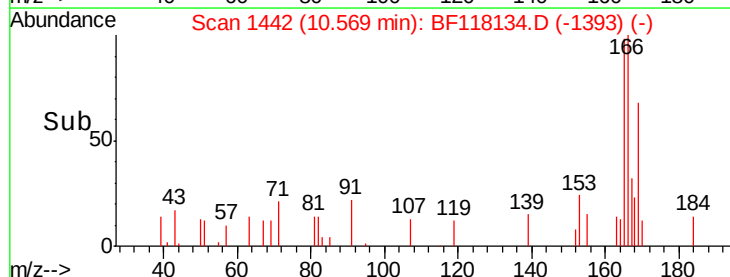
167 47.4 28.4 42.6#

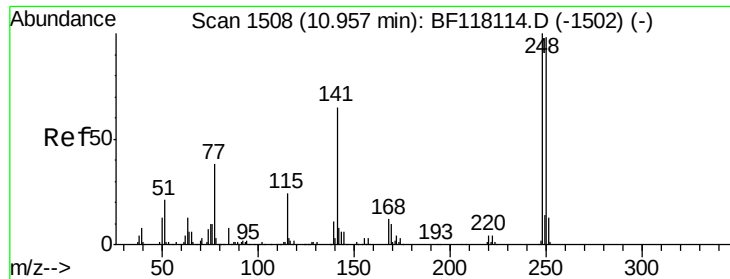


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

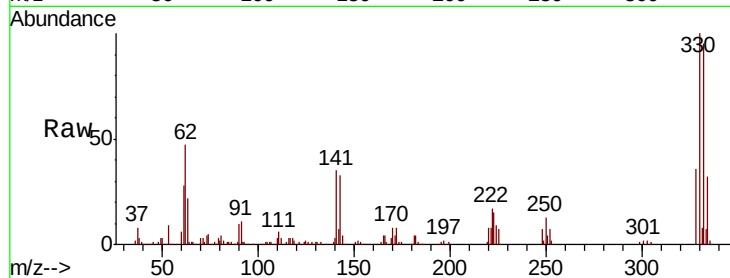




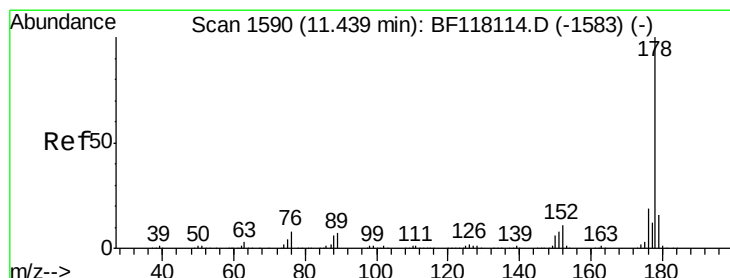
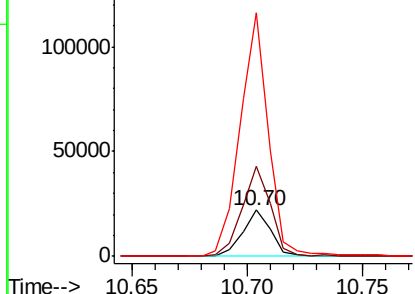
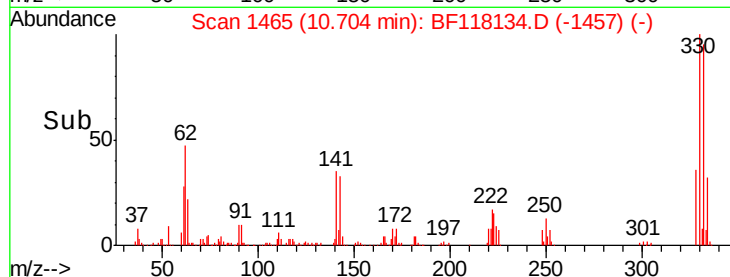
#67
4-Bromophenyl-phenylether
Concen: 3.516 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 18973
Ion Ratio Lower Upper
248 100
250 194.7 78.3 117.5#
141 524.4 52.2 78.4#

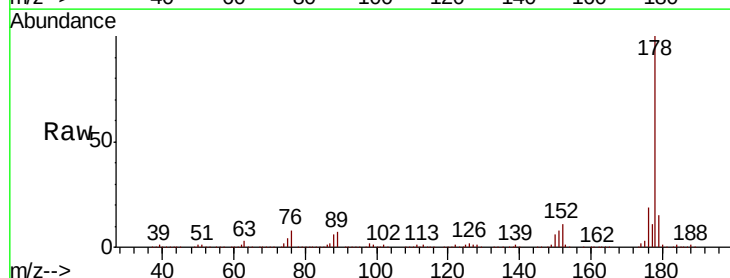


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

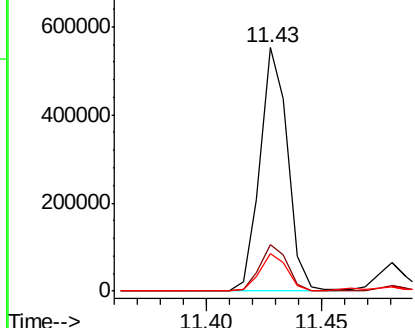
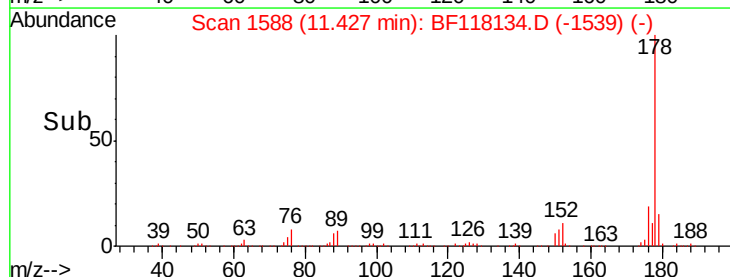


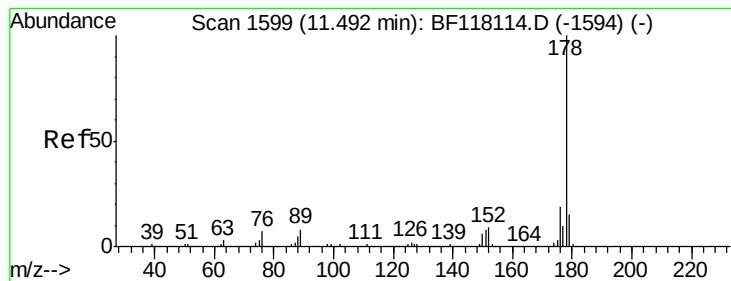
#71
Phenanthrene
Concen: 18.508 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:178 Resp: 465105
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.2 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: 2.106 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

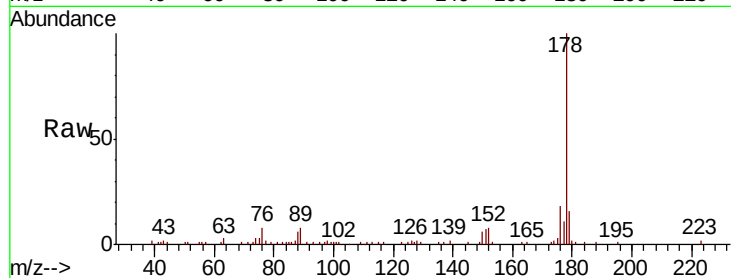
Tot Ion:178 Resp: 52795

Ion Ratio Lower Upper

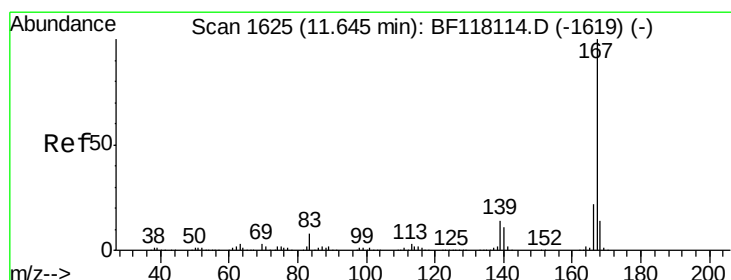
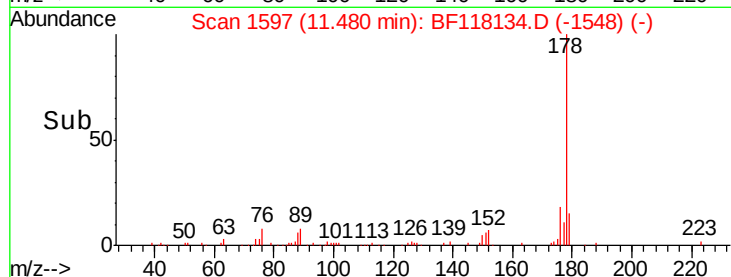
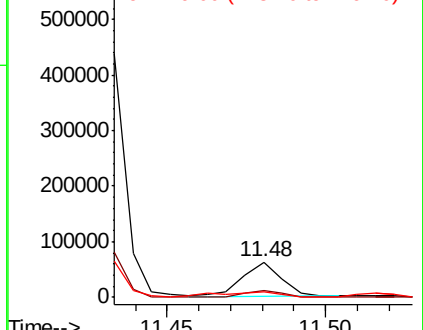
178 100

176 18.4 15.0 22.6

179 16.4 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: 1.870 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

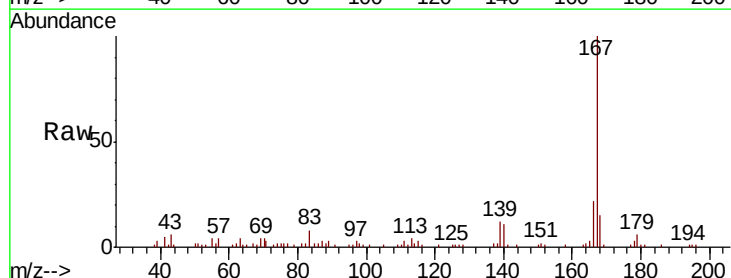
Tgt Ion:167 Resp: 42049

Ion Ratio Lower Upper

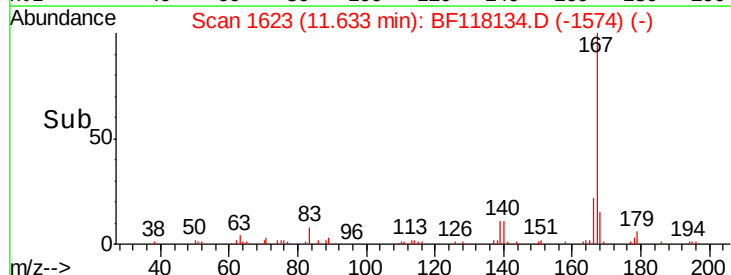
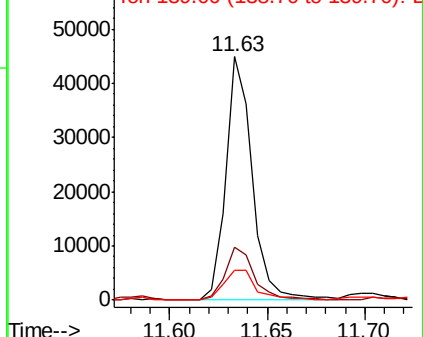
167 100

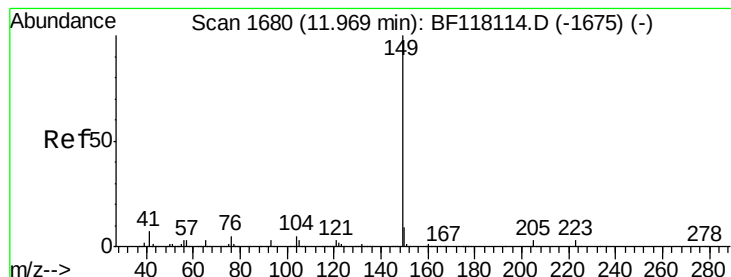
166 21.8 17.4 26.2

139 12.1 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: 0.214 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

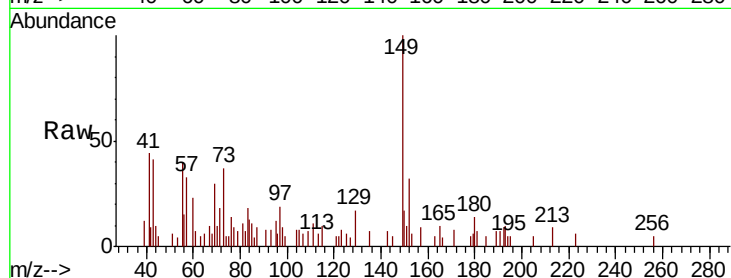
Tot Ion:149 Resp: 6018

Ion Ratio Lower Upper

149 100

150 16.9 7.4 11.2#

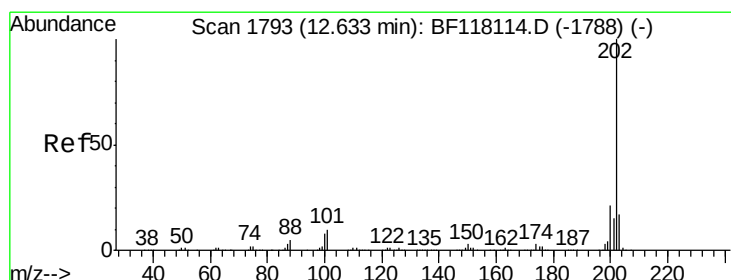
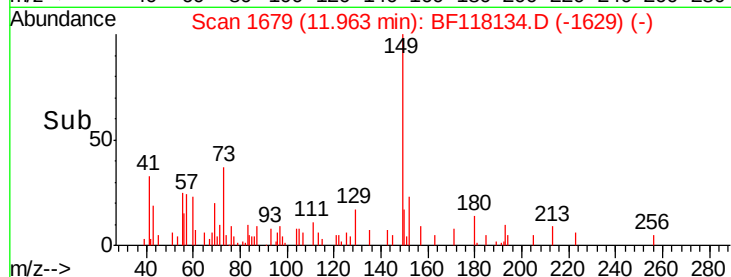
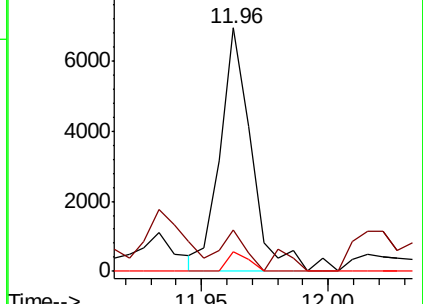
104 8.0 4.3 6.5#



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: 21.510 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

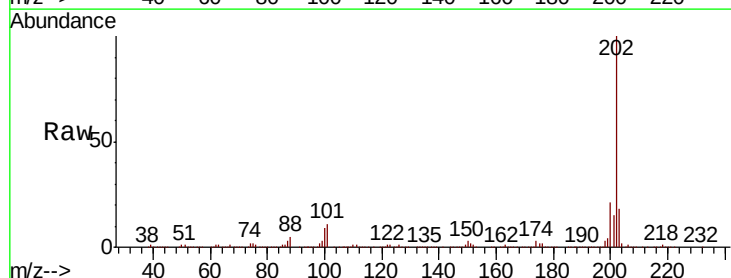
Tgt Ion:202 Resp: 552648

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.4

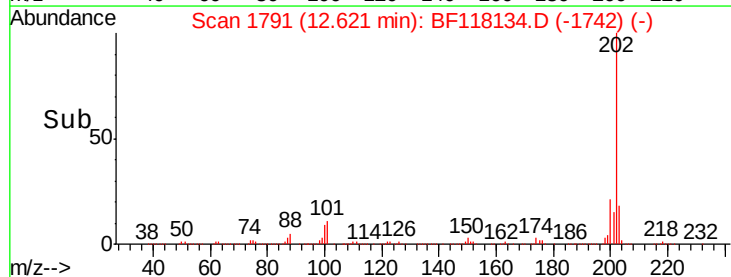
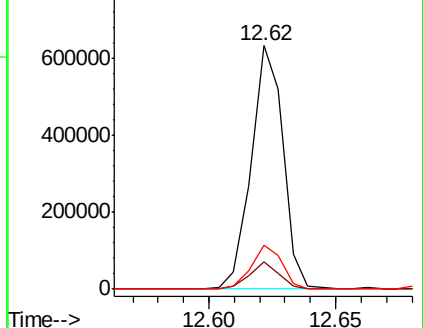
203 17.9 0.0 37.2

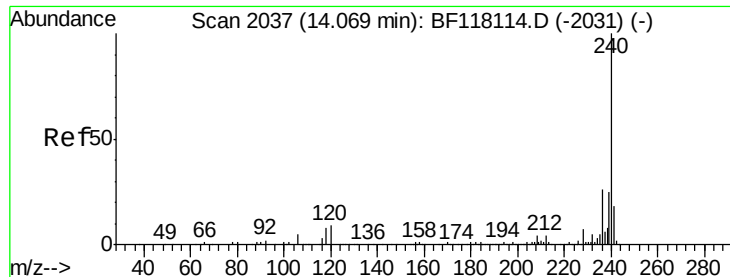


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2035

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

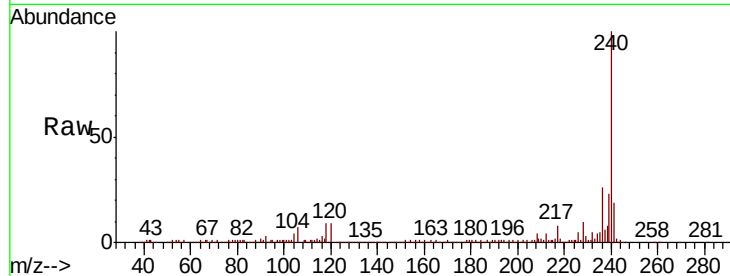
Tot Ion:240 Resp: 271538

Ion Ratio Lower Upper

240 100

120 9.1 7.1 10.7

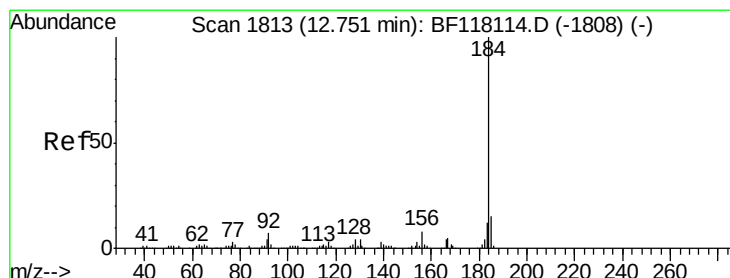
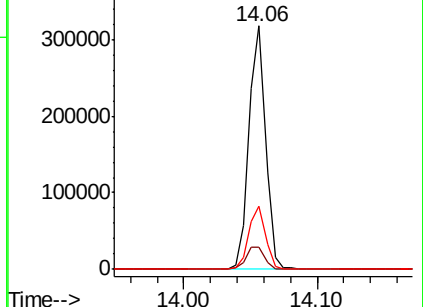
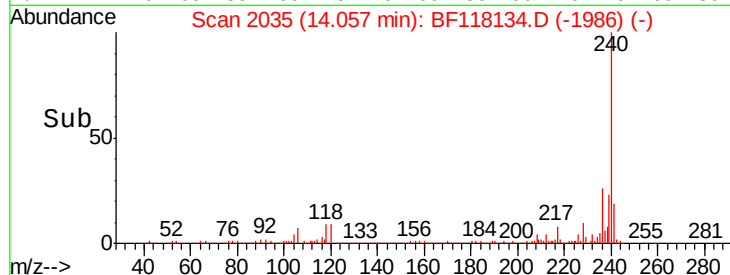
236 26.1 21.0 31.6



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: 2.108 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.24 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

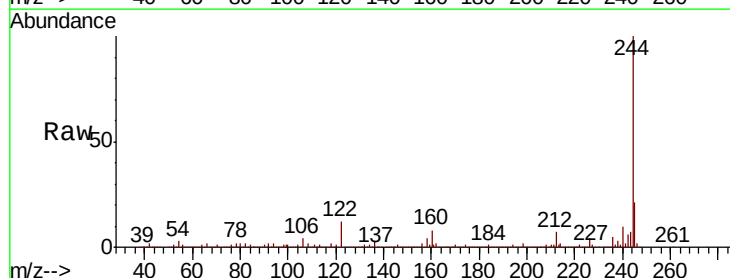
Tgt Ion:184 Resp: 15067

Ion Ratio Lower Upper

184 100

185 14.2 12.3 18.5

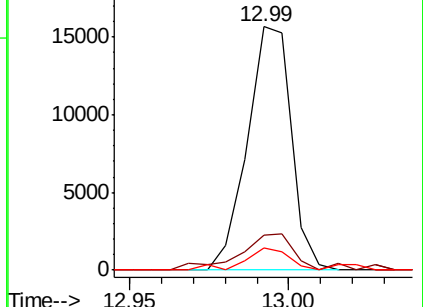
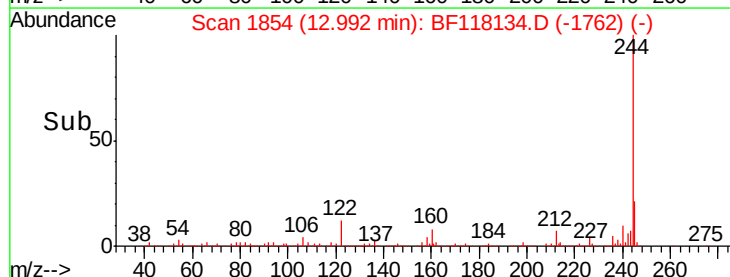
183 9.2 9.9 14.9#

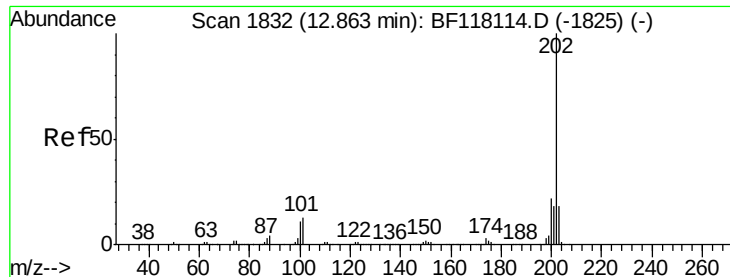


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

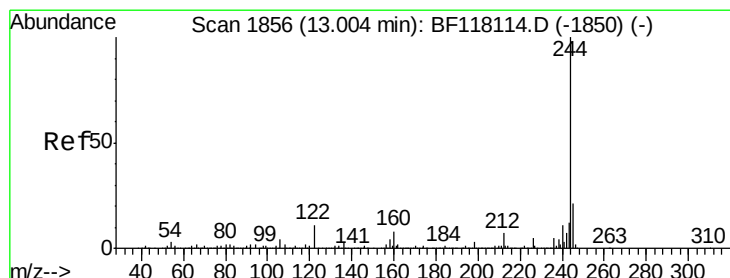
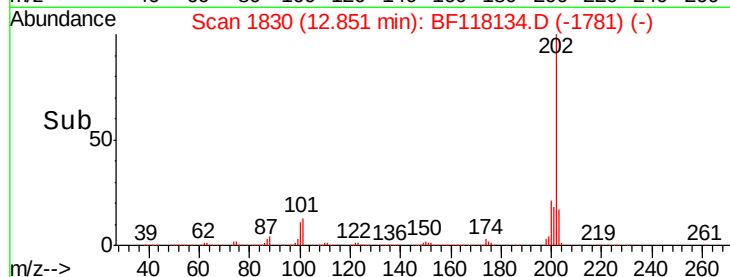
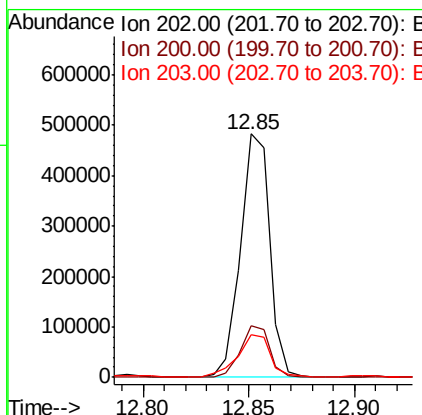
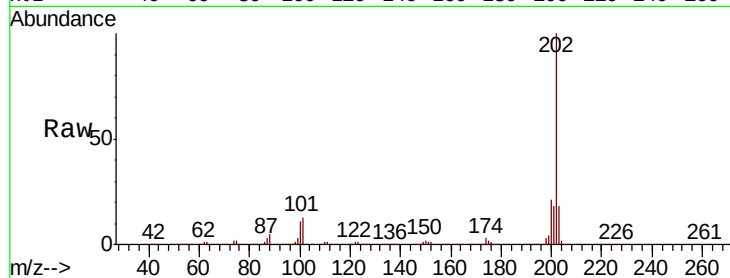




#78
Pvrene
Concen: 21.689 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

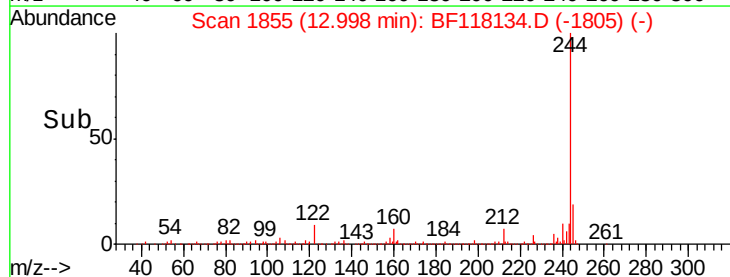
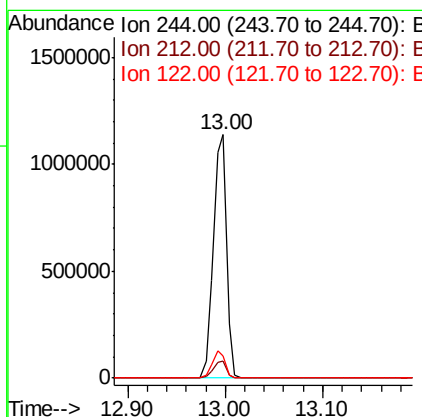
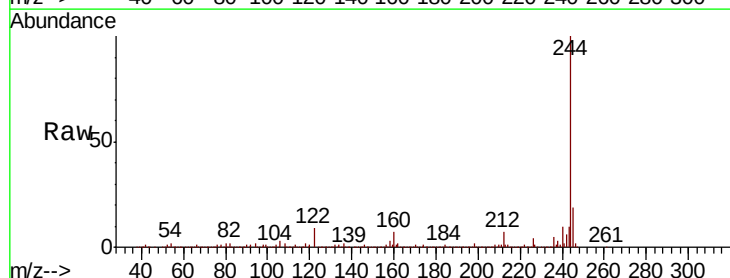
Instrument :
BNA_F
ClientSampleId :

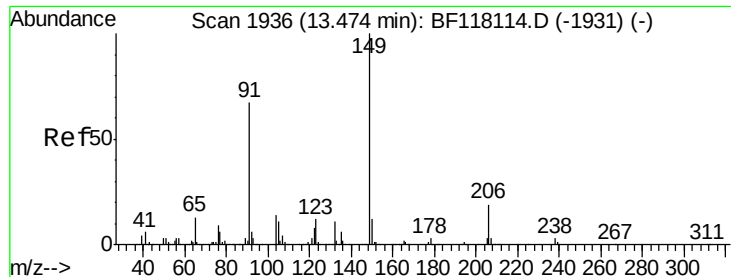
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.5	26.3
203	17.6	14.6	21.8



#79
Terphenyl-d14
Concen: 67.521 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	9.2	9.0	13.6

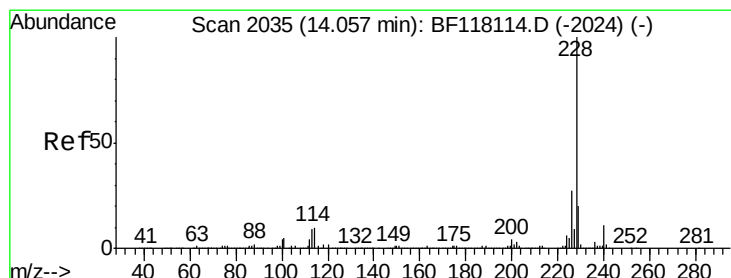
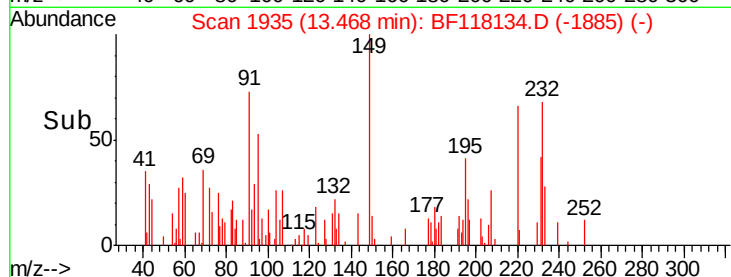
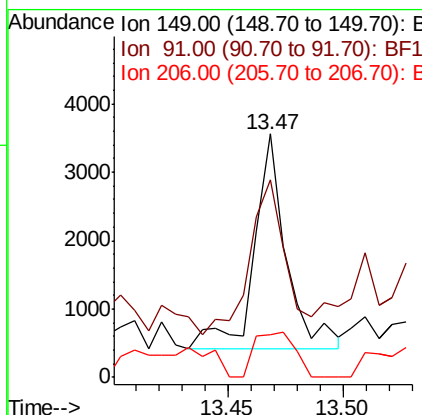
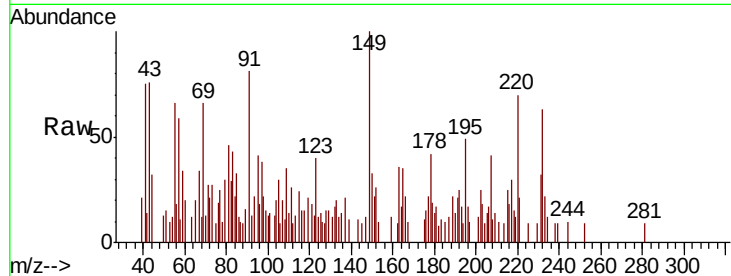




#80
Butylbenzylphthalate
Concen: 0.315 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

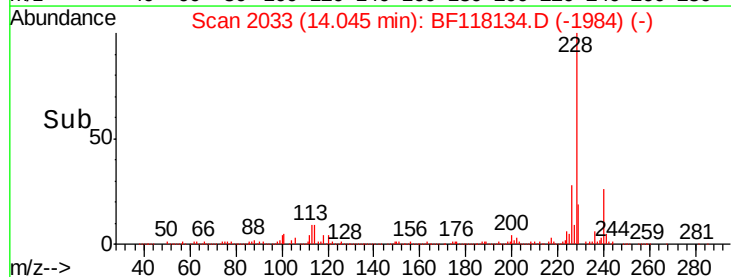
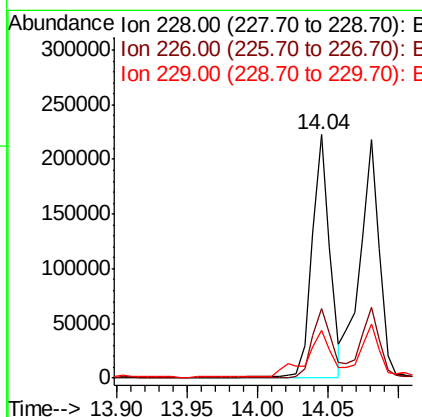
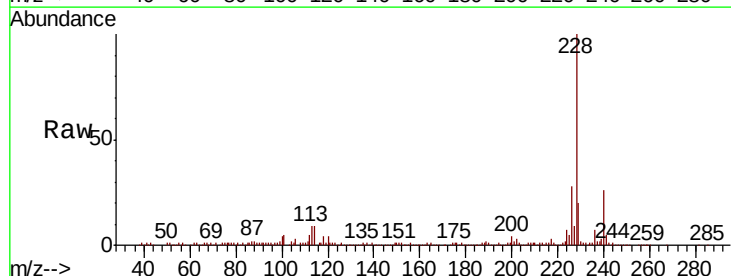
Instrument :
BNA_F
ClientSampled :

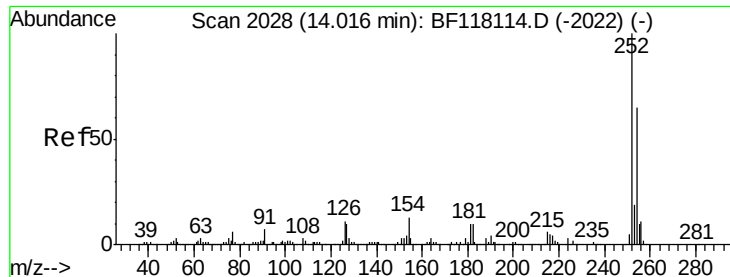
Tot Ion:149 Resp: 3057
Ion Ratio Lower Upper
149 100
91 81.3 53.9 80.9#
206 17.4 15.2 22.8



#81
Benzo(a)anthracene
Concen: 10.291 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion:228 Resp: 193216
Ion Ratio Lower Upper
228 100
226 28.4 21.8 32.8
229 19.8 15.8 23.8

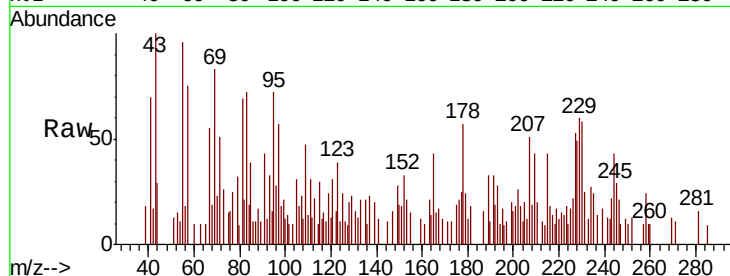




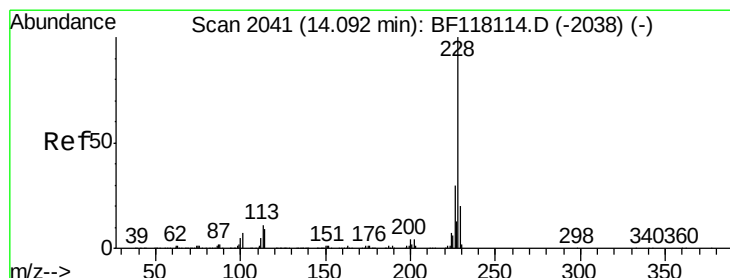
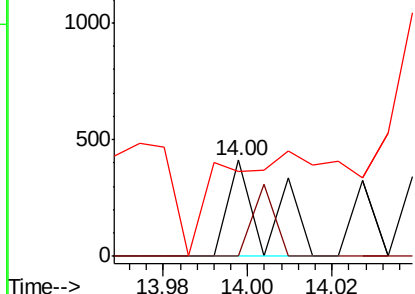
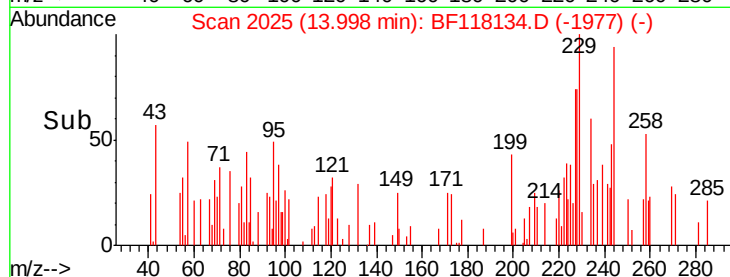
#82
 3,3'-Dichlorobenzidine
 Concen: 0.043 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BF118134.D
 Acq: 7 Dec 2019 17:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.2	78.4#
126	88.8	8.6	13.0#

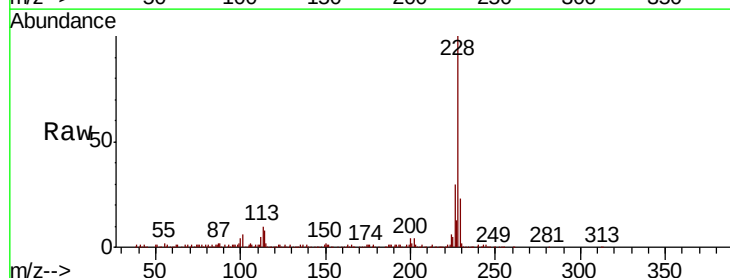


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

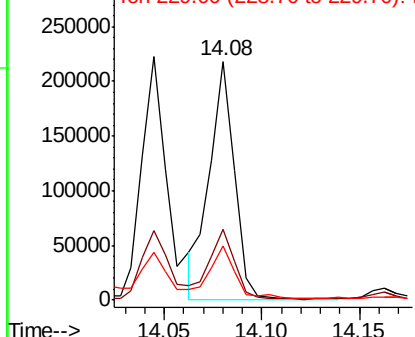
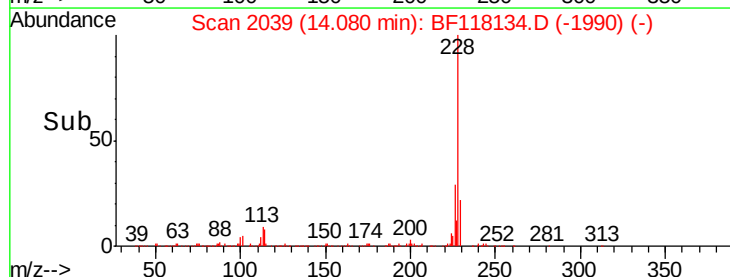


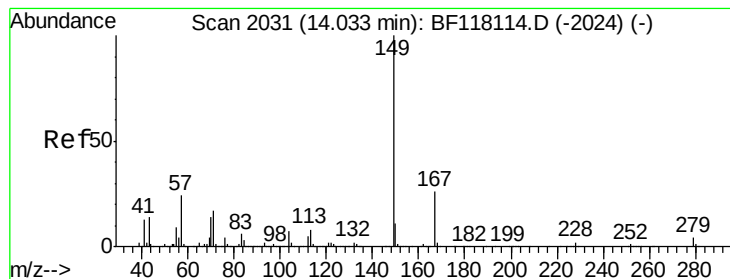
#83
 Chrysene
 Concen: 10.880 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF118134.D
 Acq: 7 Dec 2019 17:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.8
229	22.5	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: 1.178 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

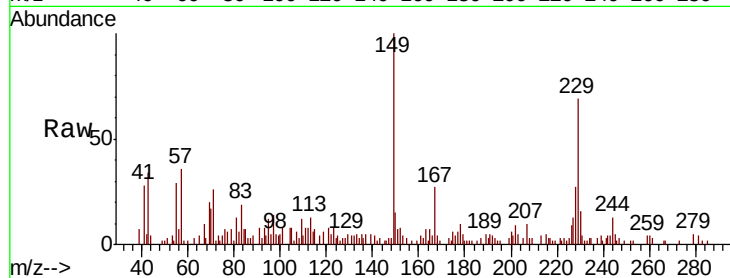
Tot Ion:149 Resp: 15056

Ion Ratio Lower Upper

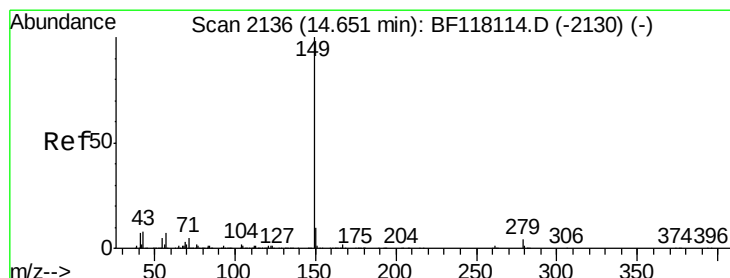
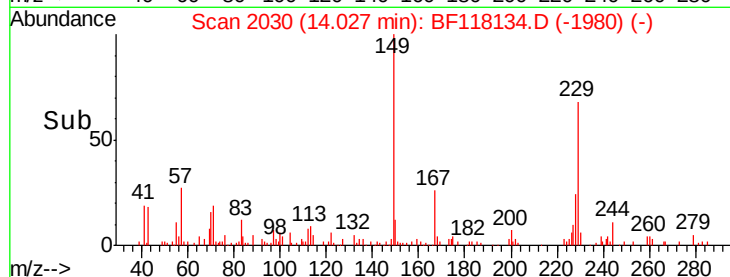
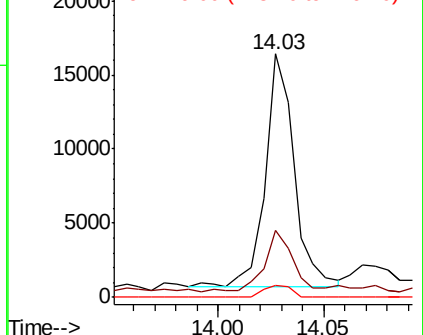
149 100

167 27.3 20.8 31.2

279 4.9 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: 0.055 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

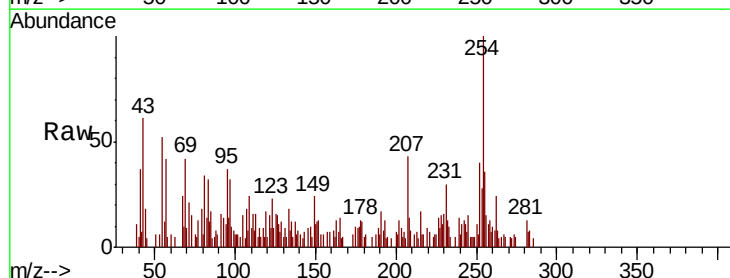
Tgt Ion:149 Resp: 1058

Ion Ratio Lower Upper

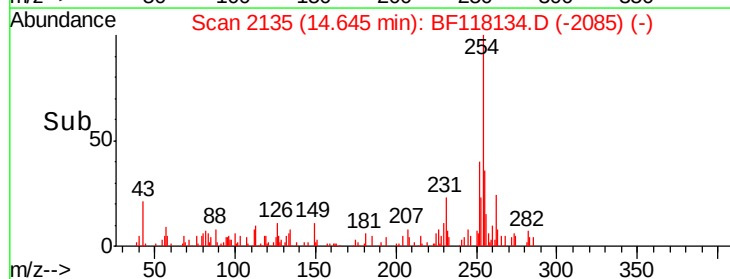
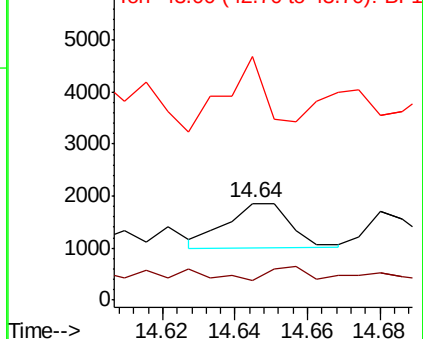
149 100

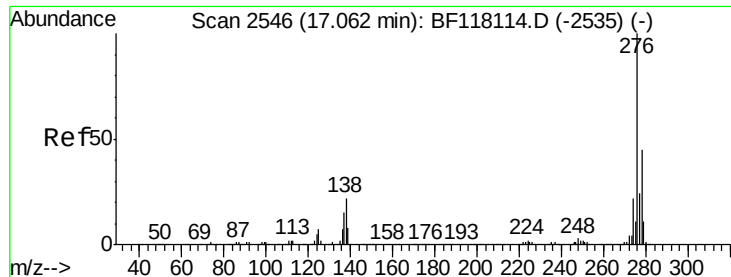
167 21.3 1.3 1.9#

43 109.3 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

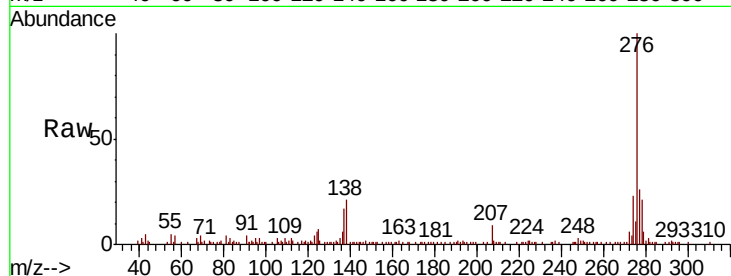




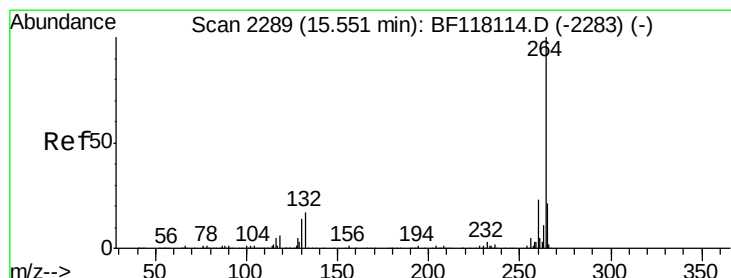
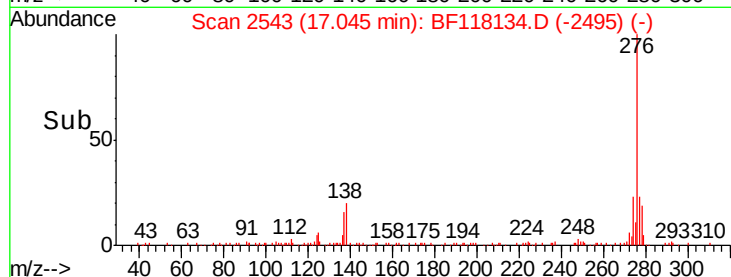
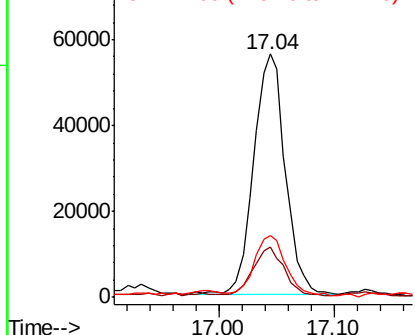
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.087 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.02 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	18.9	28.3
277	25.0	20.4	30.6

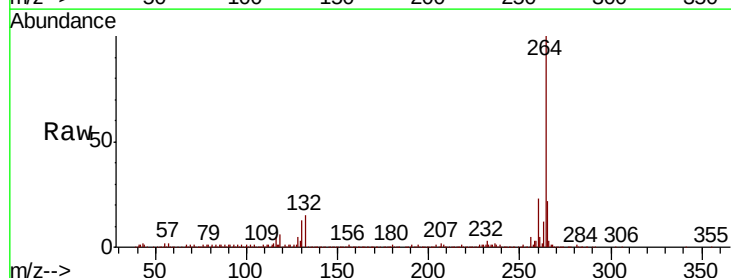


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

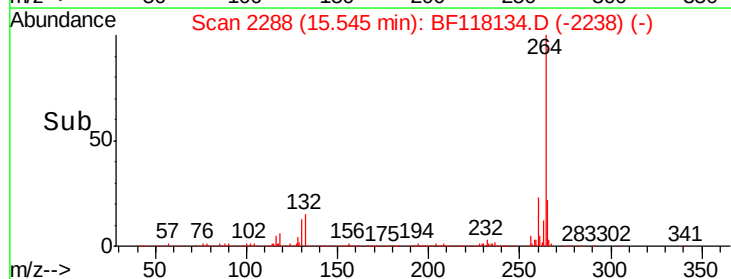
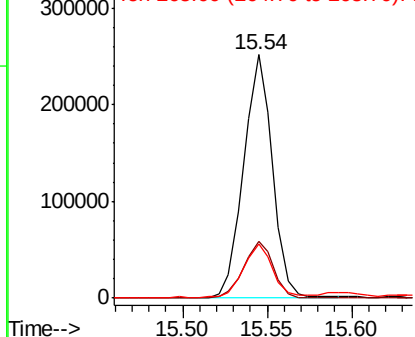


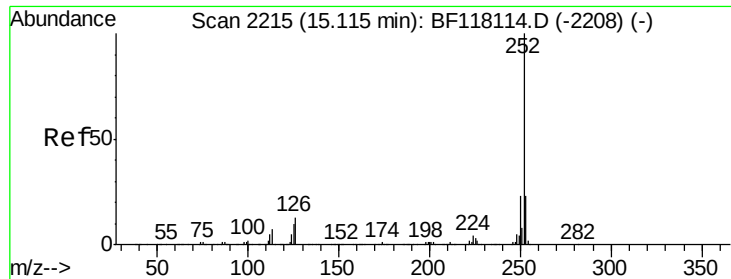
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	22.2	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

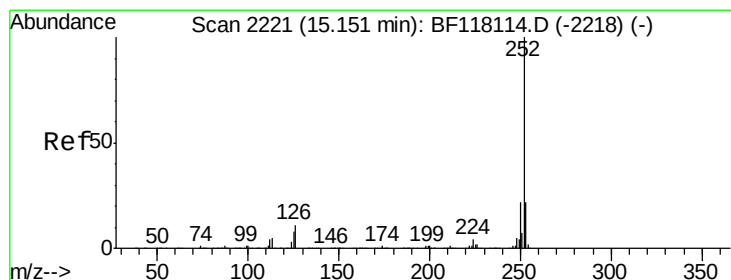
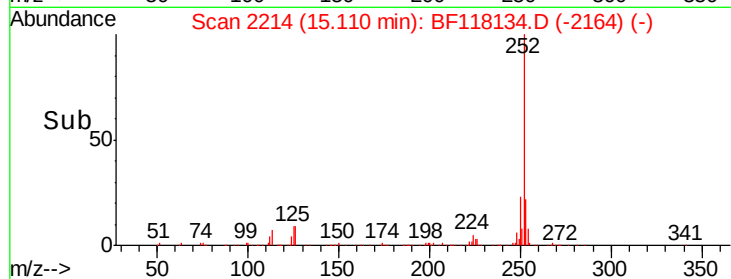
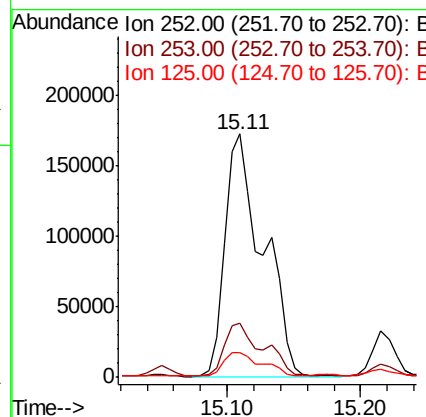
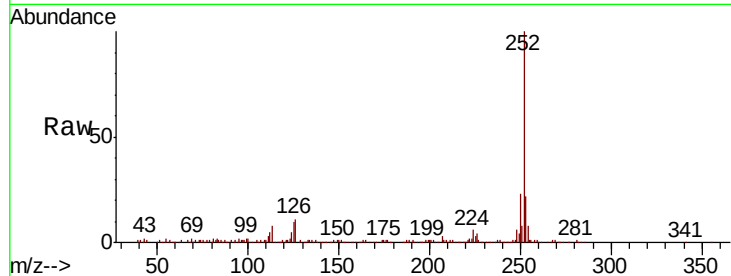




#88
Benzo(b)fluoranthene
Concen: 17.325 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

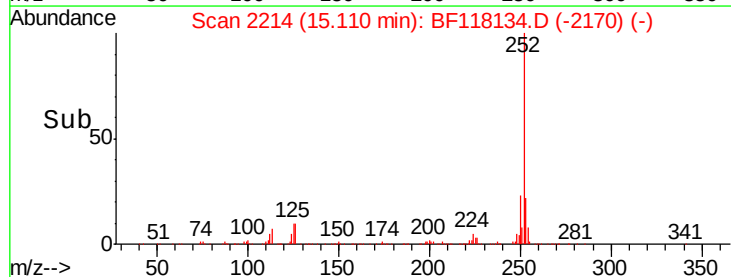
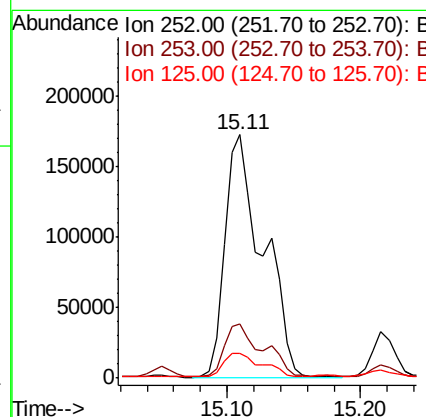
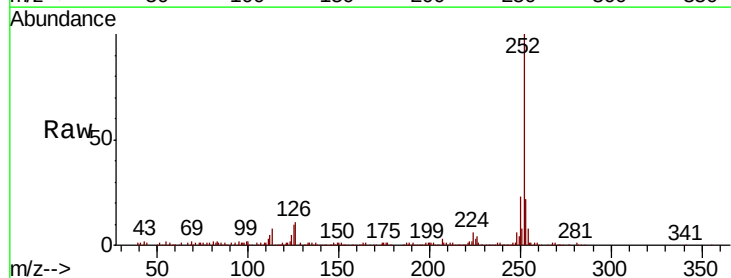
Instrument :
BNA_F
ClientSampleId :

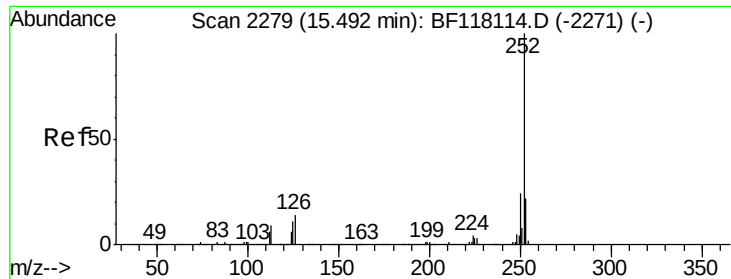
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.3	8.3	12.5



#89
Benzo(k)fluoranthene
Concen: 18.034 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF118134.D
Acq: 7 Dec 2019 17:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.3	6.7	10.1#





#90

Benzo(a)pyrene

Concen: 10.475 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

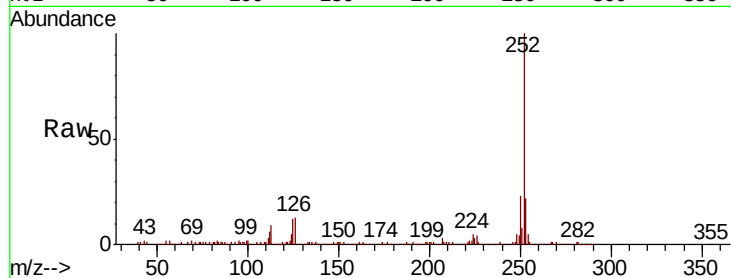
Tot Ion:252 Resp: 182672

Ion Ratio Lower Upper

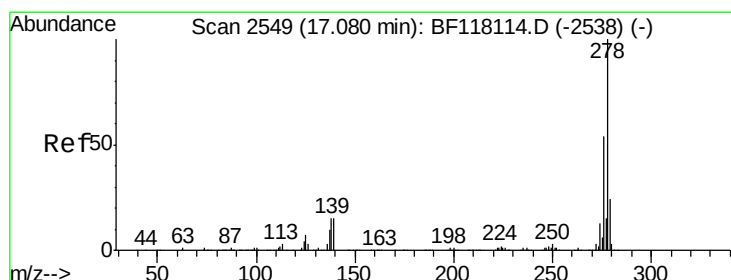
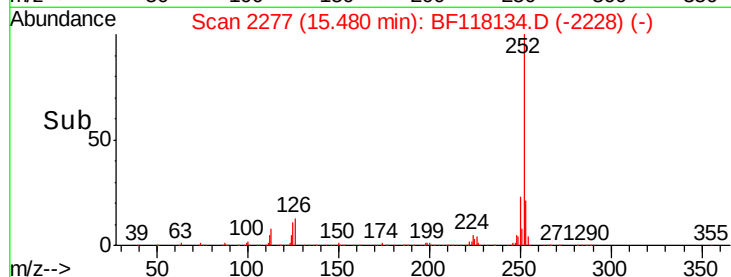
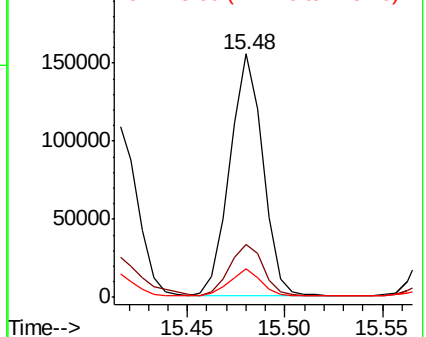
252 100

253 21.7 17.5 26.3

125 11.7 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: 1.828 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.03 min

Lab File: BF118134.D

Acq: 7 Dec 2019 17:35

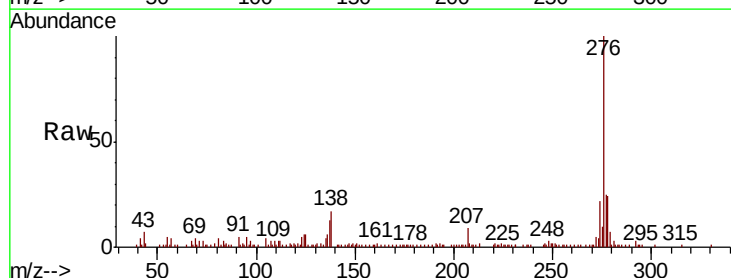
Tgt Ion:278 Resp: 27339

Ion Ratio Lower Upper

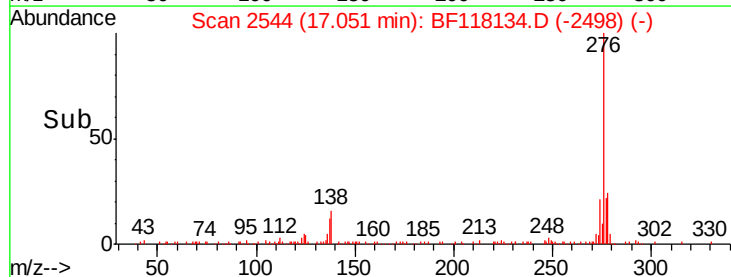
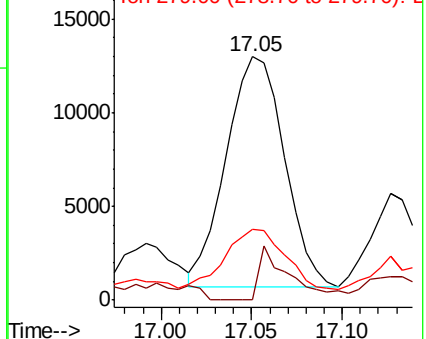
278 100

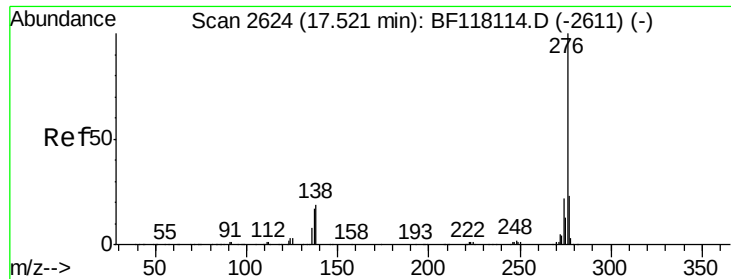
139 0.0 11.7 17.5#

279 28.9 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

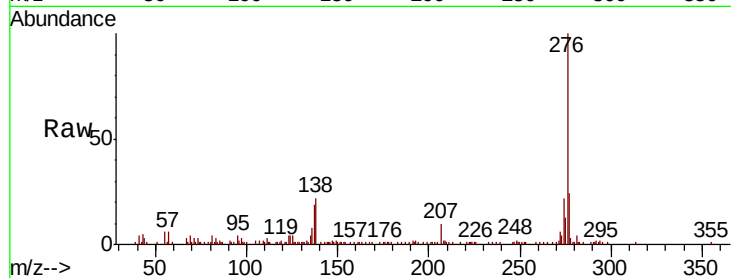




#92
 Benzo(a,h,i)perylene
 Concen: 6.930 ng
 RT: 17.50 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BF118134.D
 Acq: 7 Dec 2019 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.2	27.4
138	21.9	15.5	23.3



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

