

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118078.D
 Acq On : 3 Dec 2019 22:39
 Operator : JU
 Sample : K6024-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 00:37:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144266	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	551008	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	280600	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	474949	20.00	ng	0.00
76) Chrysene-d12	14.08	240	285177	20.00	ng	0.00
87) Perylene-d12	15.58	264	359816	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	830687	101.92	ng	0.00
7) Phenol-d6	6.50	99	1048076	106.62	ng	0.00
23) Nitrobenzene-d5	7.44	82	634416	68.44	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	309427	104.16	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1159514	74.13	ng	0.00
79) Terphenyl-d14	13.01	244	985885	63.18	ng	0.00

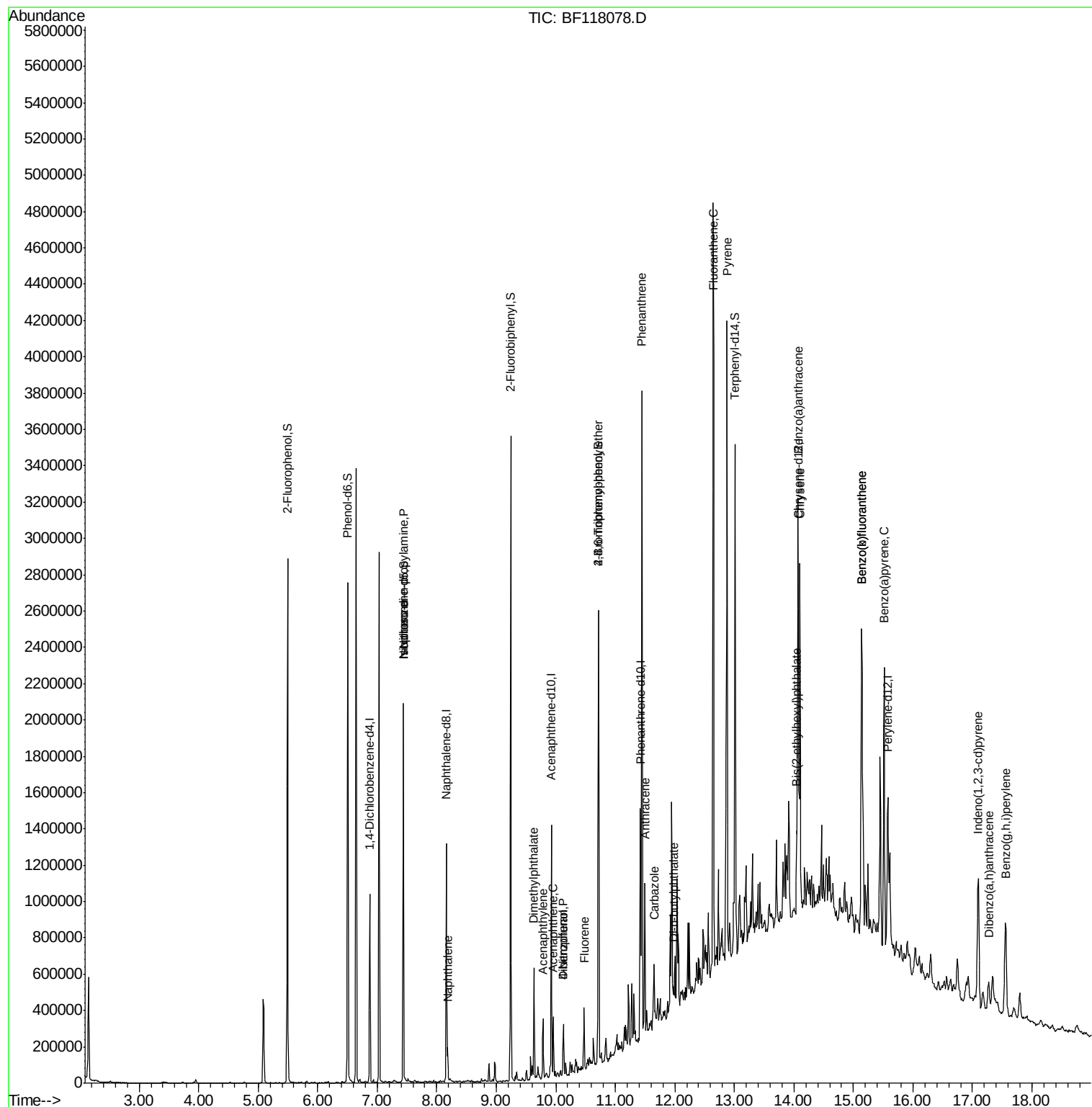
Target Compounds				Qvalue		
9) Benzaldehyde	6.65	77	20638	Below Cal		83
19) n-Nitroso-di-n-propylamine	7.44	70	87530	14.433 ng	#	75
25) Isophorone	7.44	82	634405	37.343 ng	#	63
31) Naphthalene	8.19	128	82116	3.197 ng		99
49) Acenaphthylene	9.79	152	121811	4.879 ng		98
50) Dimethylphthalate	9.63	163	231848	11.783 ng		99
52) Acenaphthene	9.96	154	59994	3.751 ng		98
55) Dibenzofuran	10.13	168	86410	3.901 ng		97
56) 4-Nitrophenol	10.13	139	35226	9.171 ng	#	11
58) Fluorene	10.47	166	80404	4.684 ng		99
67) 4-Bromophenyl-phenylether	10.72	248	19885	3.880 ng	#	1
71) Phenanthrene	11.45	178	1403260	58.766 ng		99
72) Anthracene	11.50	178	323957	13.683 ng		99
73) Carbazole	11.65	167	125487	6.065 ng		100
74) Di-n-butylphthalate	11.98	149	55038	2.137 ng		97
75) Fluoranthene	12.64	202	1795568	90.119 ng		98
78) Pyrene	12.88	202	1612345	69.960 ng		99
81) Benzo(a)anthracene	14.07	228	791131	41.981 ng		97
83) Chrysene	14.10	228	723637	39.628 ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	100176	8.348 ng		99
86) Indeno(1,2,3-cd)pyrene	17.10	276	503654	32.407 ng		94
88) Benzo(b)fluoranthene	15.14	252	1329090	56.854 ng		98
89) Benzo(k)fluoranthene	15.14	252	1329090	60.340 ng		97
90) Benzo(a)pyrene	15.52	252	769339	37.425 ng		96
91) Dibenzo(a,h)anthracene	17.27	278	104265	5.893 ng		94
92) Benzo(g,h,i)perylene	17.56	276	448146	25.429 ng		100

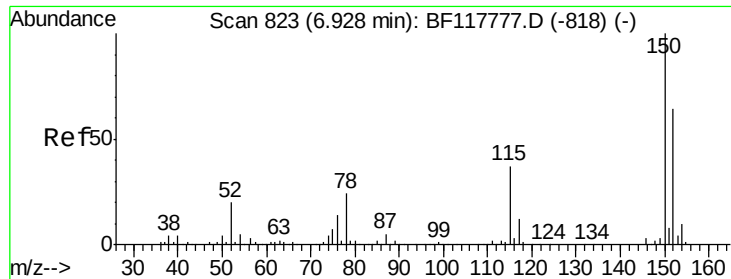
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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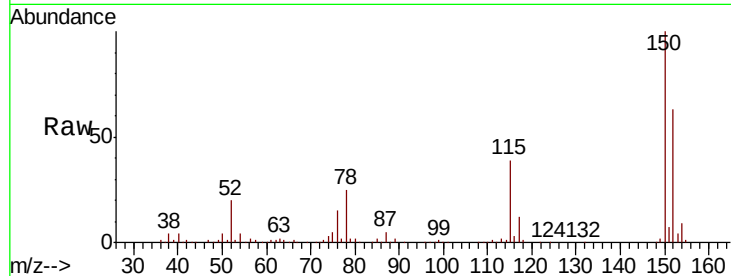


#1

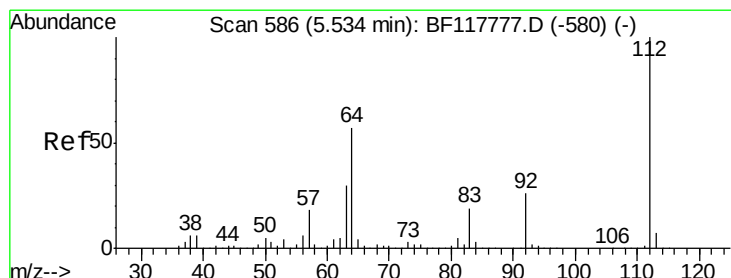
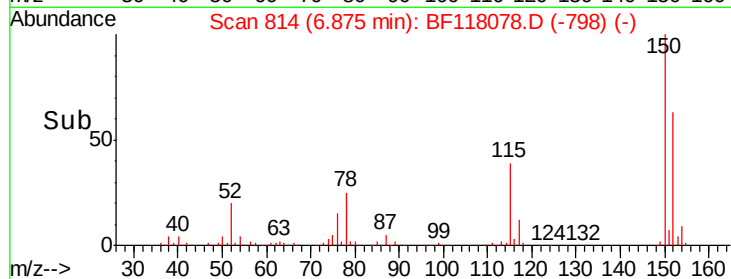
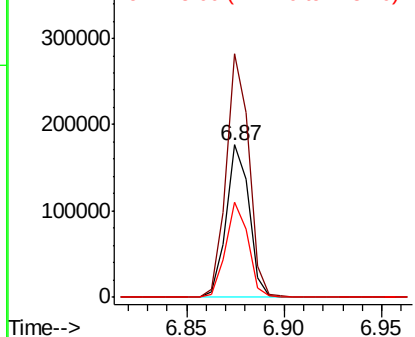
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144266
Ion Ratio Lower Upper
152 100
150 159.9 121.4 182.2
115 62.6 48.8 73.2



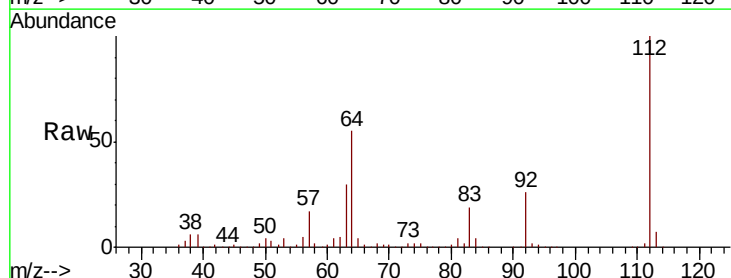
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



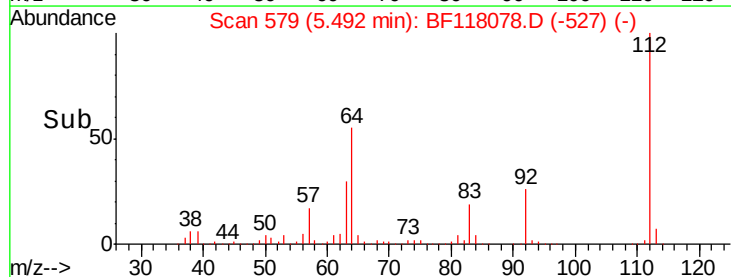
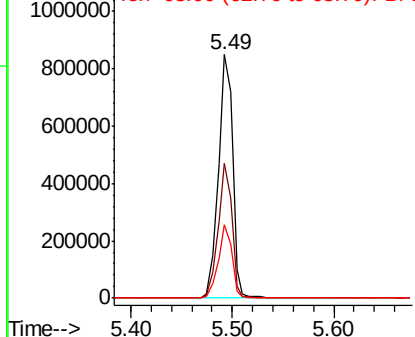
#5

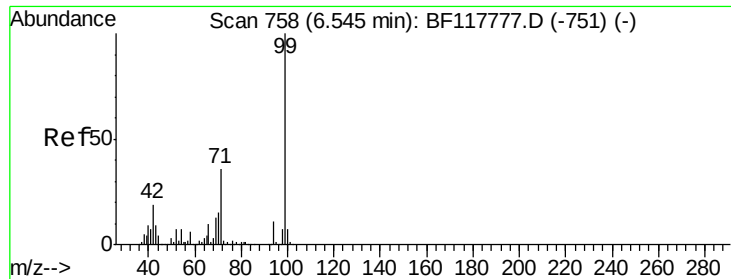
2-Fluorophenol
Concen: 101.923 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Tgt Ion:112 Resp: 830687
Ion Ratio Lower Upper
112 100
64 55.1 45.1 67.7
63 30.1 24.6 37.0



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





#7

Phenol-d6

Concen: 106.616 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118078.D

Acq: 3 Dec 2019 22:39

Instrument :

BNA_F

ClientSampleId :

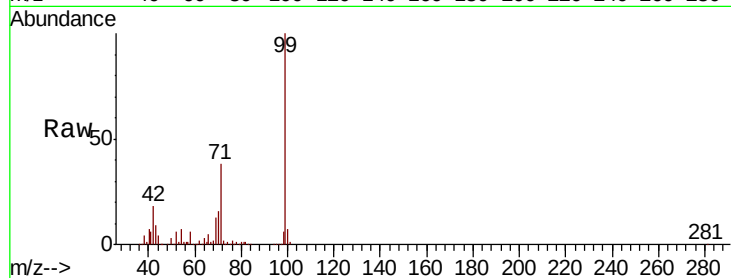
Tot Ion: 99 Resp: 1048076

Ion Ratio Lower Upper

99 100

42 17.9 14.0 21.0

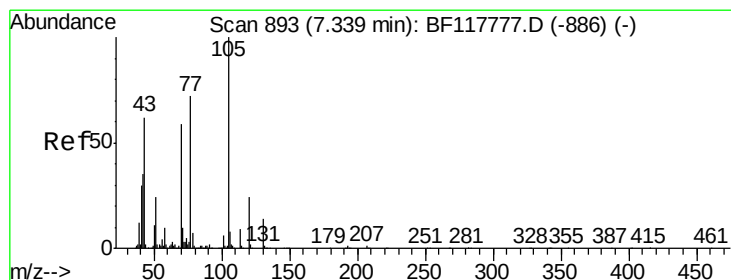
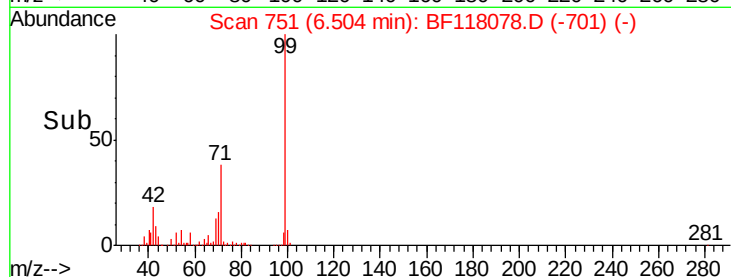
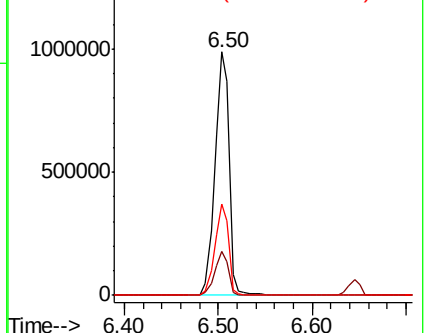
71 37.6 29.2 43.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.433 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF118078.D

Acq: 3 Dec 2019 22:39

Tgt Ion: 70 Resp: 87530

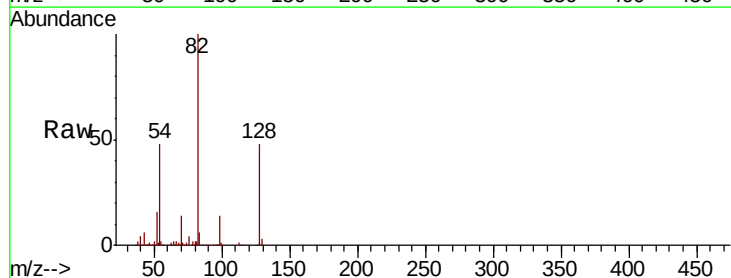
Ion Ratio Lower Upper

70 100

42 45.4 46.0 69.0#

101 0.0 8.8 13.2#

130 2.4 19.8 29.6#

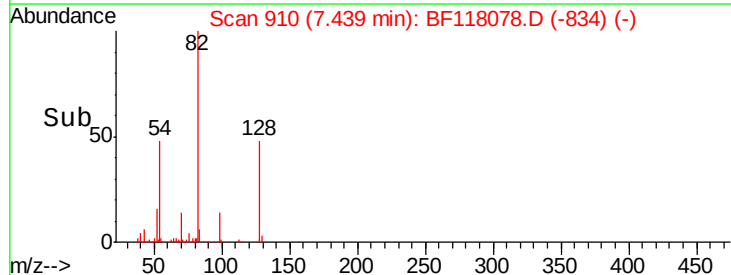
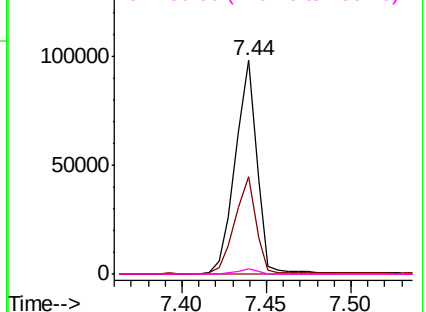


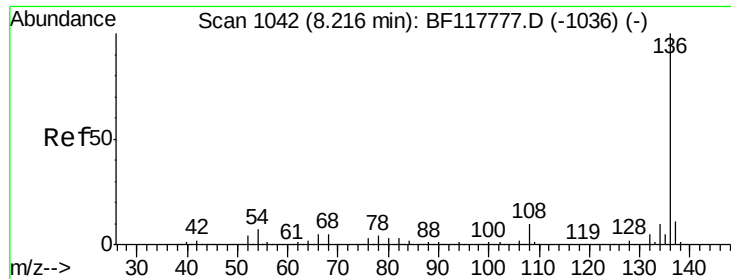
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

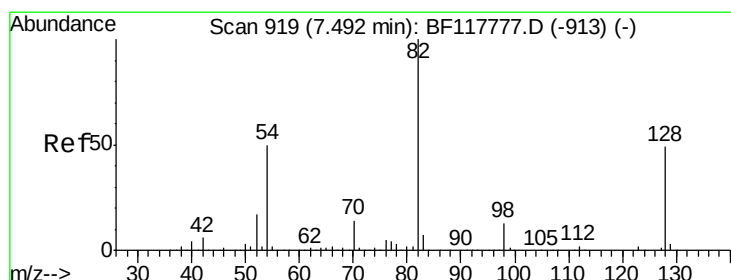
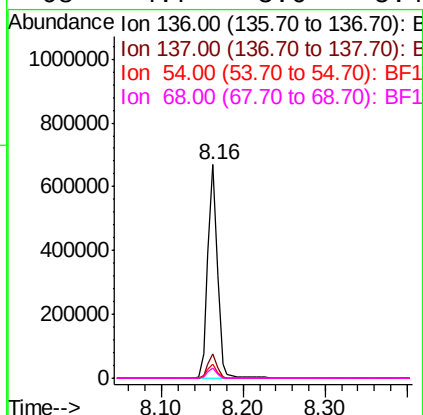
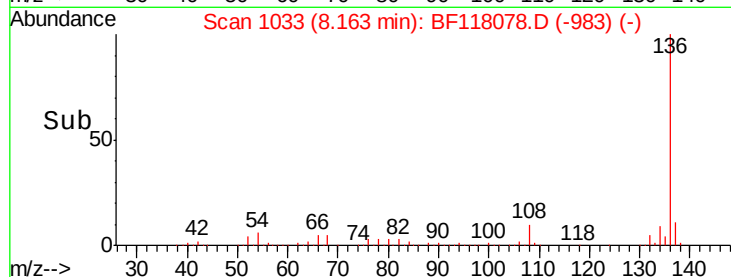
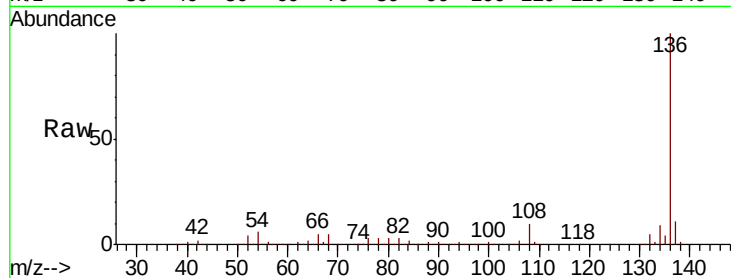




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

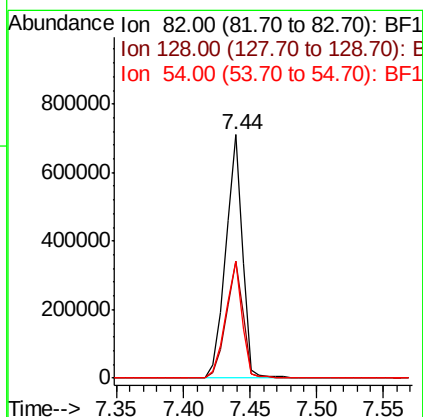
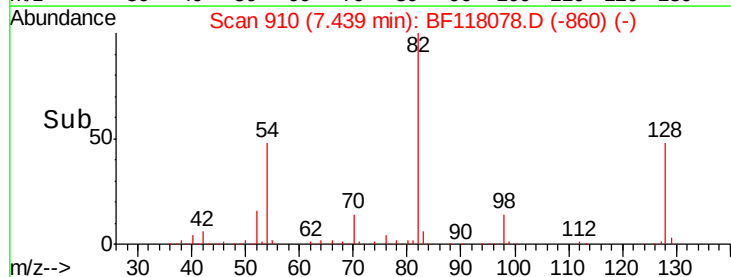
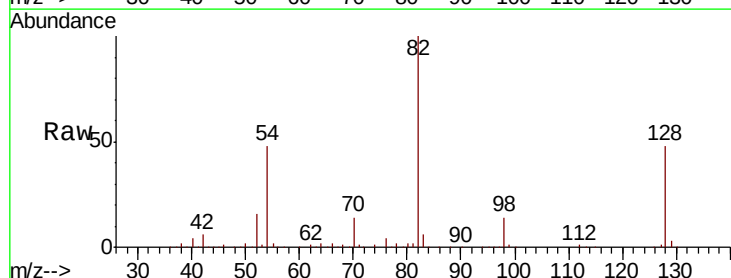
Instrument :
BNA_F
ClientSampled :

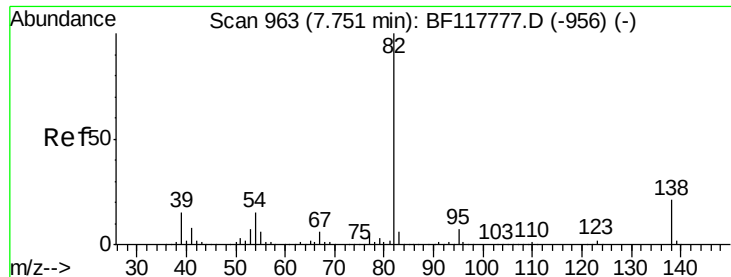
Tot Ion:136	Resp:	551008
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.1 13.7
54	6.5	4.9 7.3
68	4.7	3.6 5.4



#23
Nitrobenzene-d5
Concen: 68.444 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Tgt Ion: 82	Resp:	634416
Ion	Ratio	Lower Upper
82	100	
128	48.0	38.2 57.4
54	48.0	39.0 58.4





#25

Isophorone

Concen: 37.343 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF118078.D

Acq: 3 Dec 2019 22:39

Instrument :

BNA_F

ClientSampled :

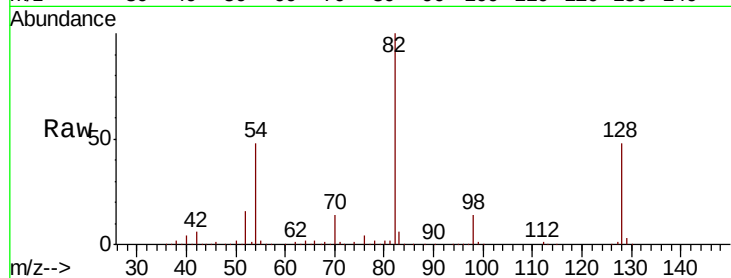
Tot Ion: 82 Resp: 634405

Ion Ratio Lower Upper

82 100

95 0.1 6.2 9.2#

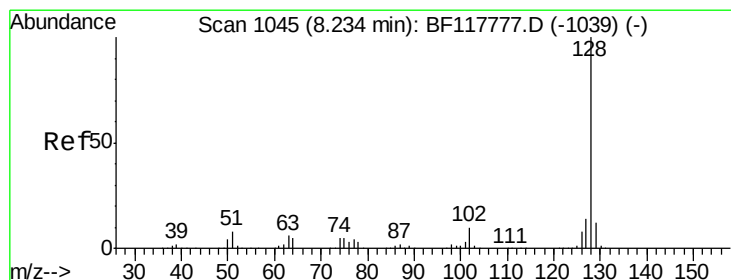
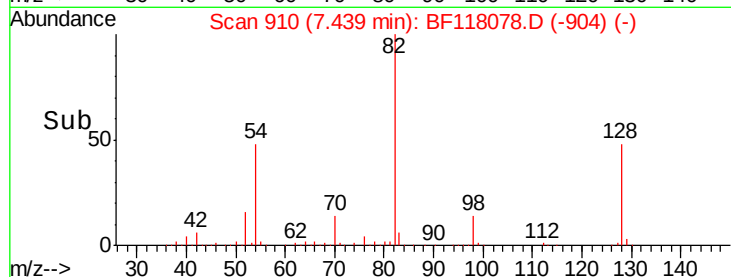
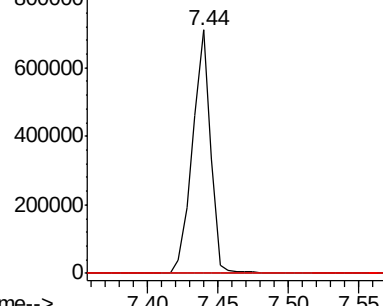
138 0.0 15.9 23.9#



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



#31

Naphthalene

Concen: 3.197 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118078.D

Acq: 3 Dec 2019 22:39

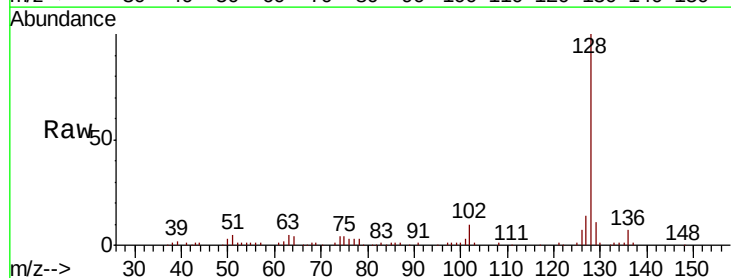
Tgt Ion: 128 Resp: 82116

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

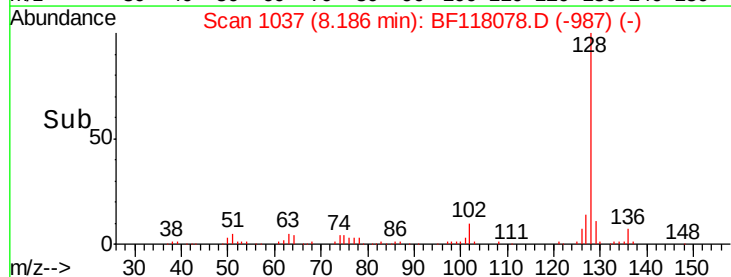
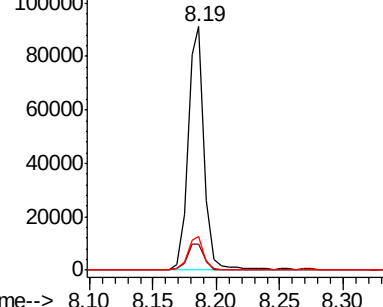
127 14.0 10.6 16.0

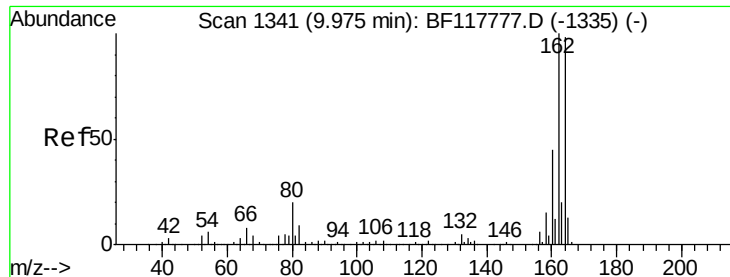


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

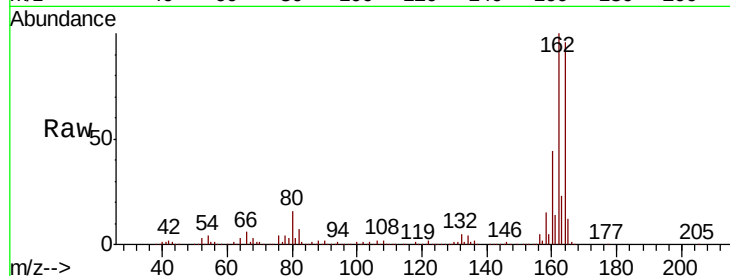




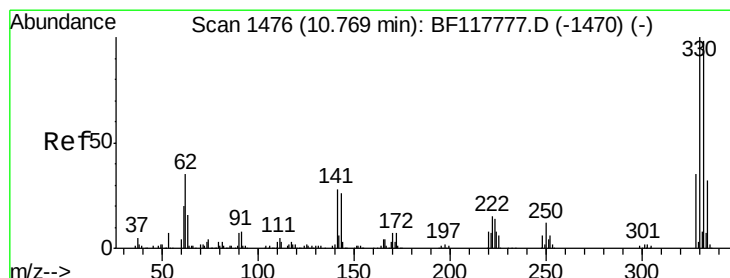
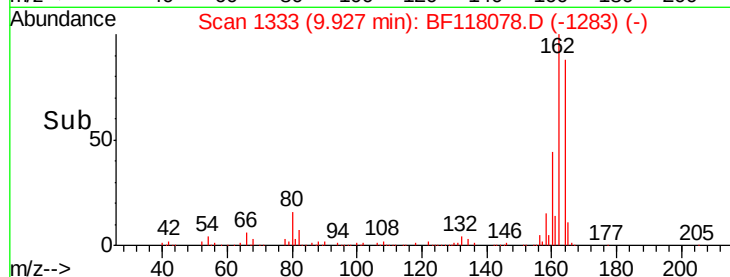
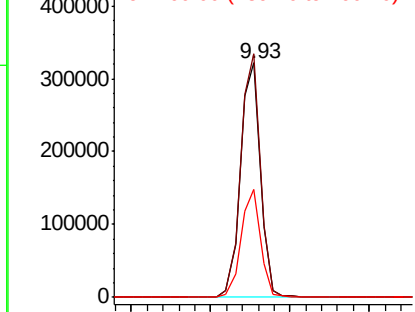
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF118078.D
 Acq: 3 Dec 2019 22:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 280600
 Ion Ratio Lower Upper
 164 100
 162 103.8 81.8 122.8
 160 46.0 35.9 53.9

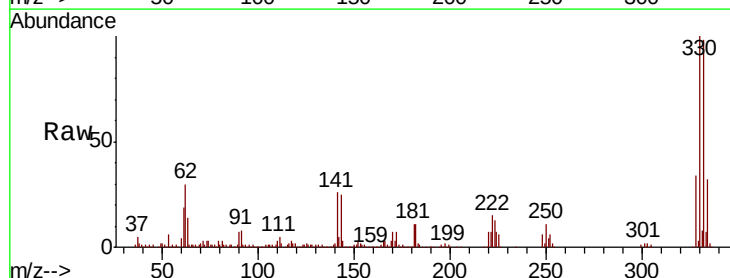


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

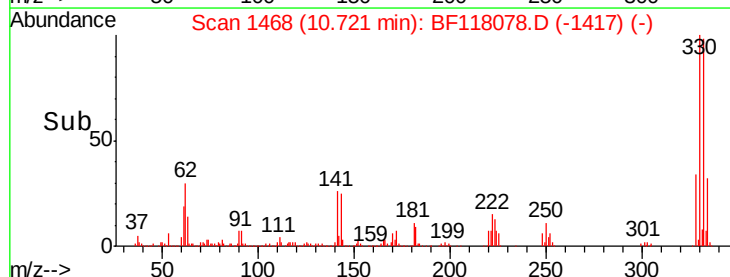
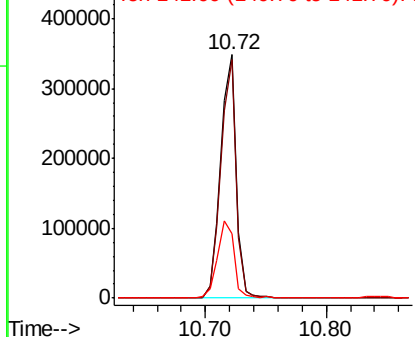


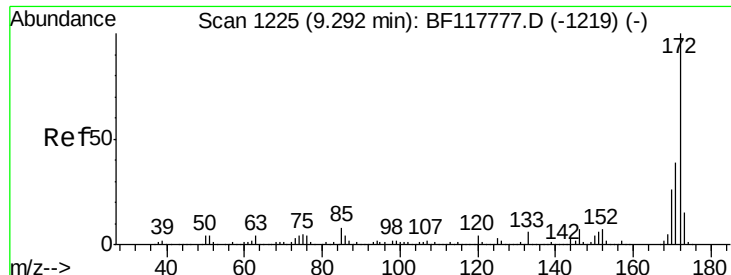
#42
 2,4,6-Tribromophenol
 Concen: 104.160 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF118078.D
 Acq: 3 Dec 2019 22:39

Tgt Ion:330 Resp: 309427
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.3 117.5
 141 33.1 26.4 39.6



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

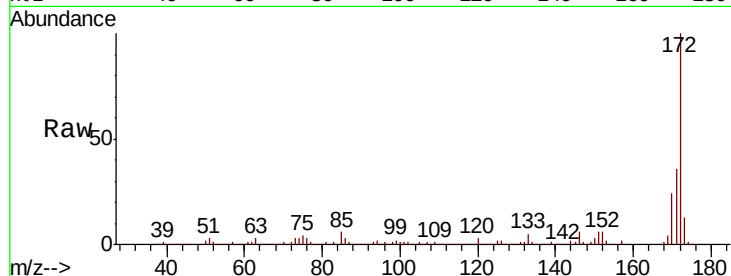




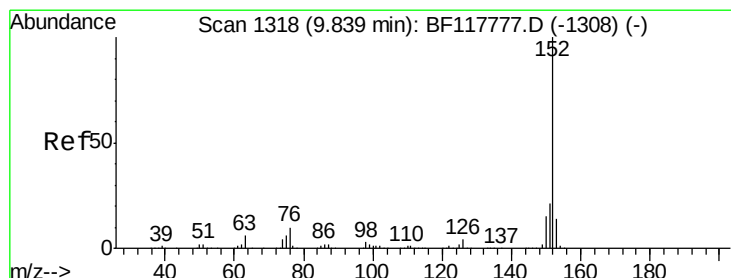
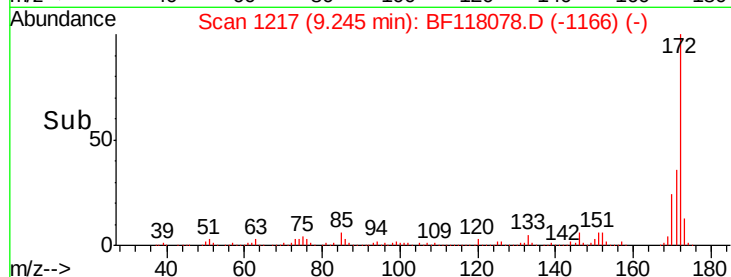
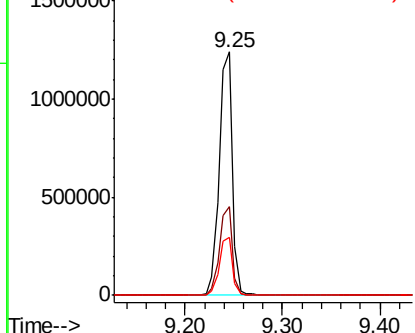
#45
2-Fluorobiphenyl
Concen: 74.134 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1159514
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 24.1 19.3 28.9

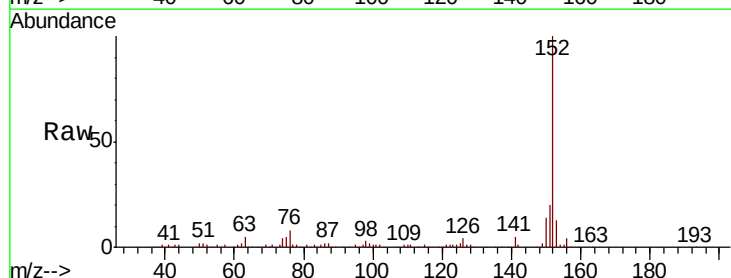


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

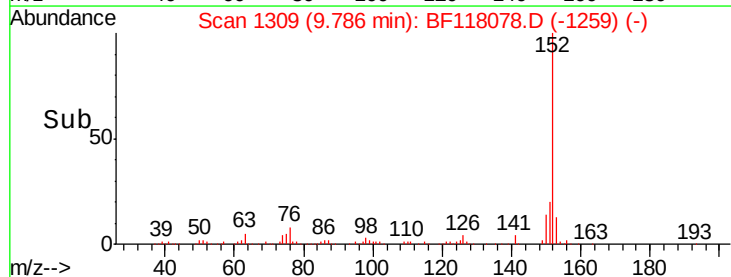
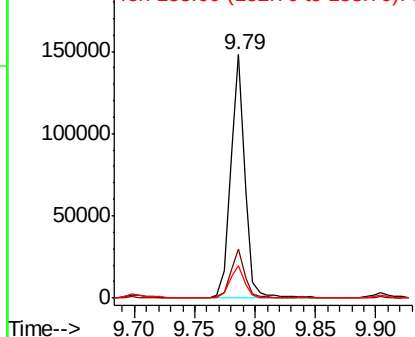


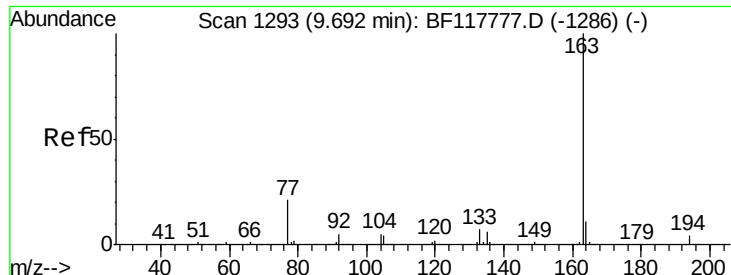
#49
Acenaphthylene
Concen: 4.879 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Tgt Ion:152 Resp: 121811
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1
153 13.2 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

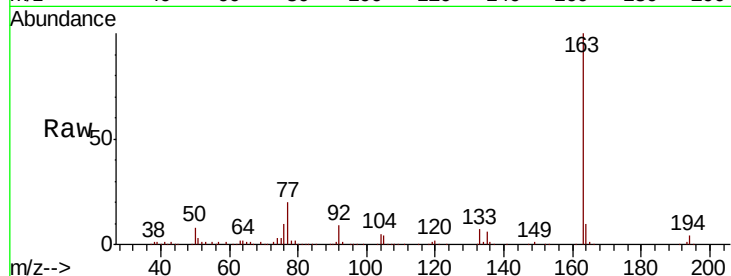




#50
Dimethylphthalate
Concen: 11.783 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.4	7.9	11.9

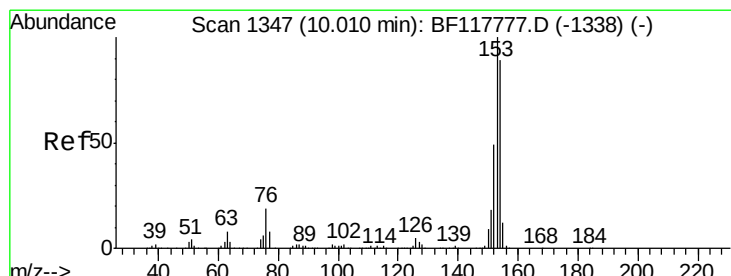
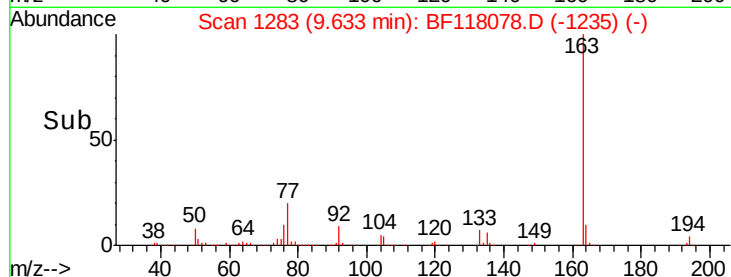
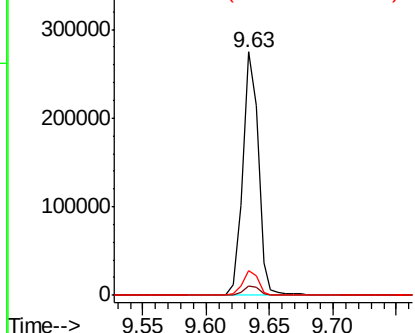


Abundance

Ion 163.00 (162.70 to 163.70): E

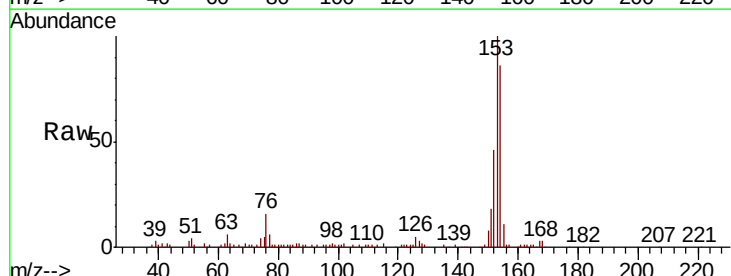
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#52
Acenaphthene
Concen: 3.751 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.2	136.8
152	52.9	43.6	65.4

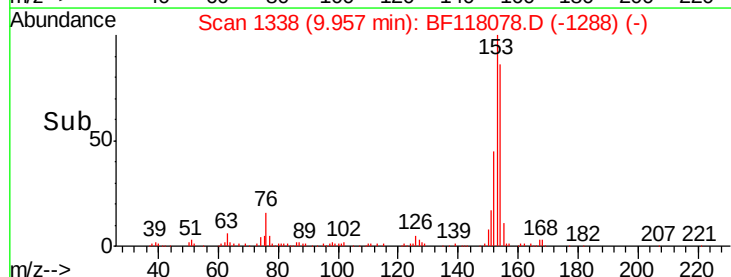
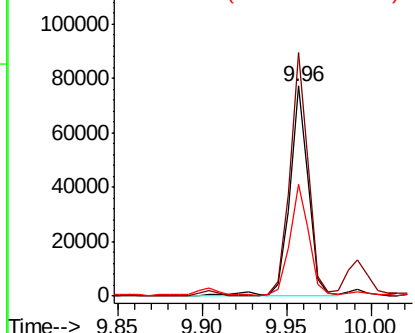


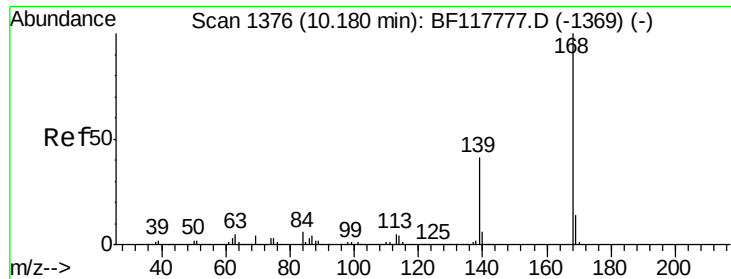
Abundance

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





#55

Dibenzofuran

Concen: 3.901 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF118078.D

Acq: 3 Dec 2019 22:39

Instrument :

BNA_F

ClientSampleId :

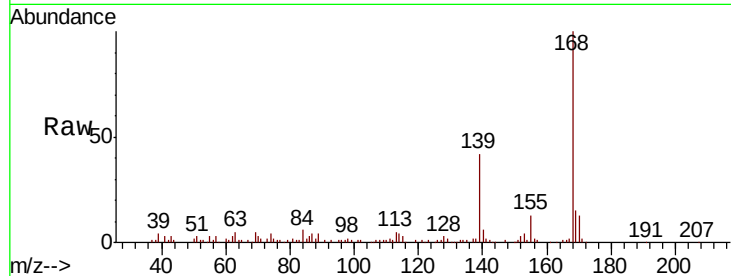
Tot Ion:168 Resp: 86410

Ion Ratio Lower Upper

168 100

139 41.8 32.5 48.7

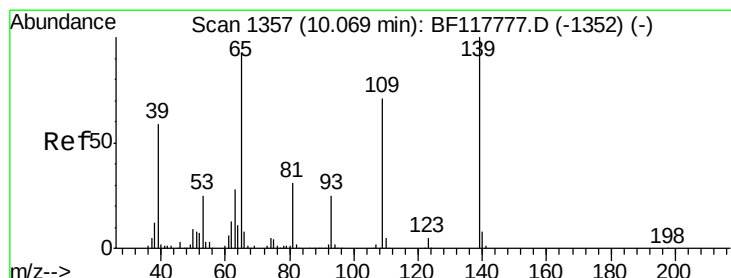
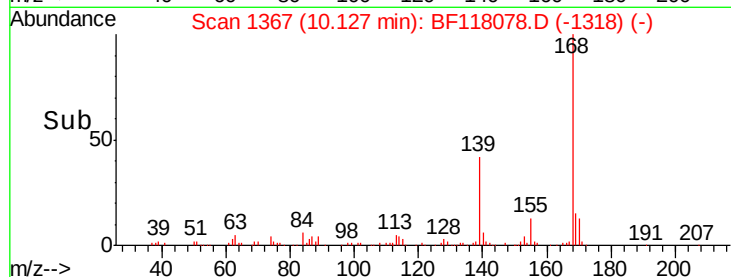
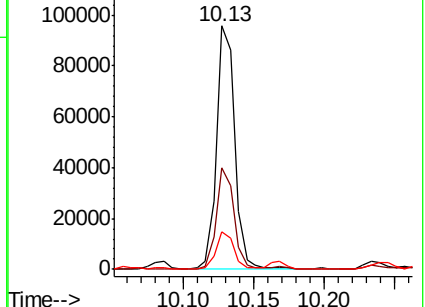
169 15.4 10.8 16.2



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: 9.171 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.09 min

Lab File: BF118078.D

Acq: 3 Dec 2019 22:39

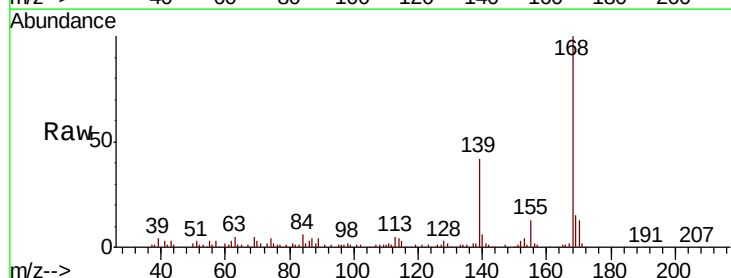
Tgt Ion:139 Resp: 35226

Ion Ratio Lower Upper

139 100

109 3.4 55.2 95.2#

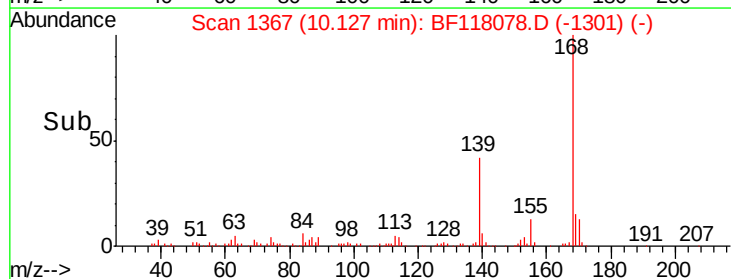
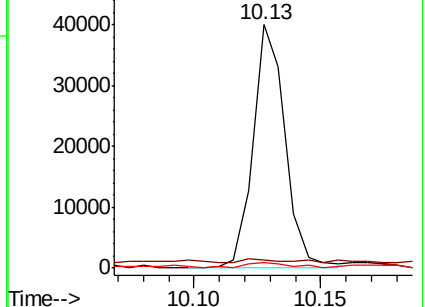
65 2.4 68.7 108.7#

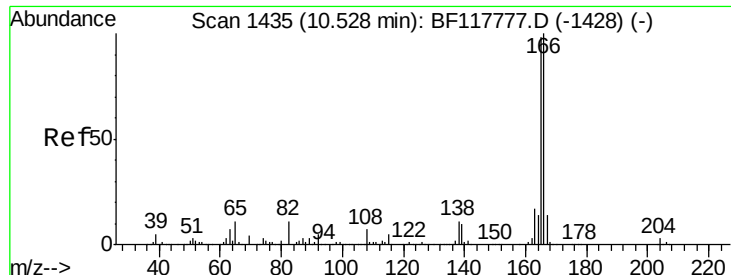


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

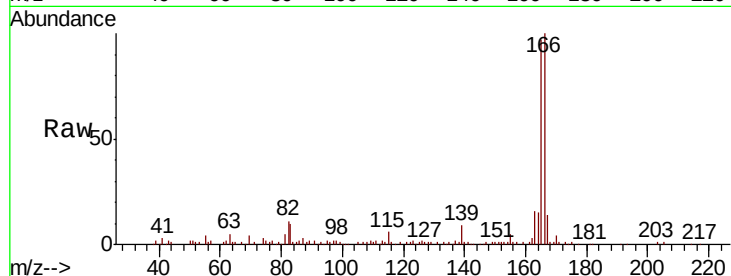




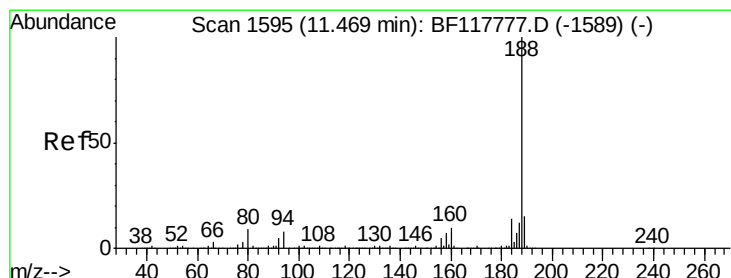
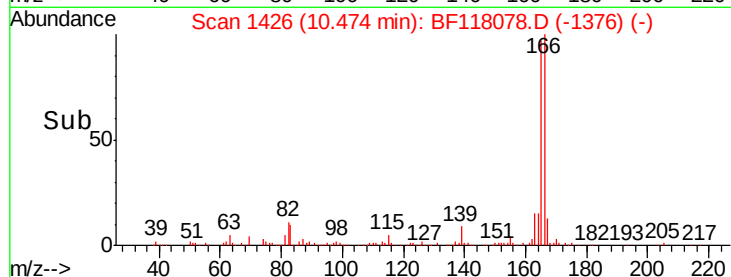
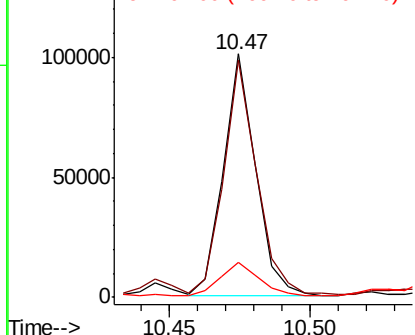
#58
 Fluorene
 Concen: 4.684 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF118078.D
 Acq: 3 Dec 2019 22:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 80404
 Ion Ratio Lower Upper
 166 100
 165 97.2 77.4 116.2
 167 14.2 10.7 16.1

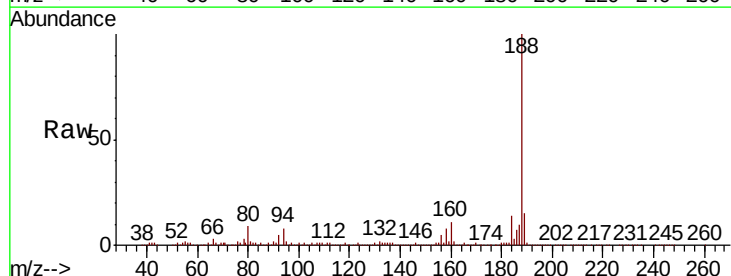


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

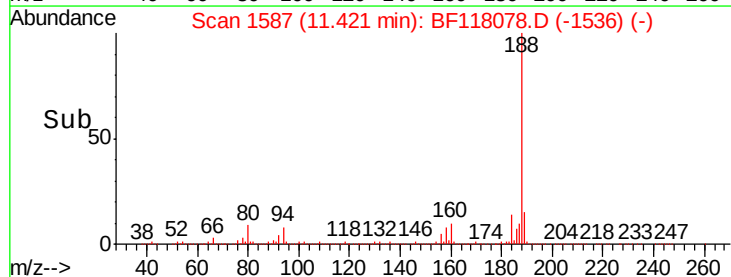
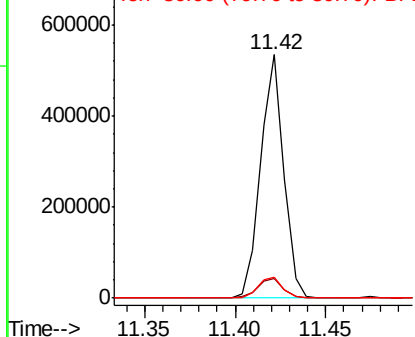


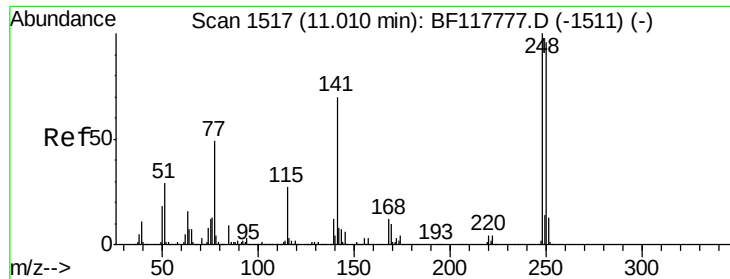
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF118078.D
 Acq: 3 Dec 2019 22:39

Tgt Ion:188 Resp: 474949
 Ion Ratio Lower Upper
 188 100
 94 8.2 7.0 10.6
 80 8.7 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

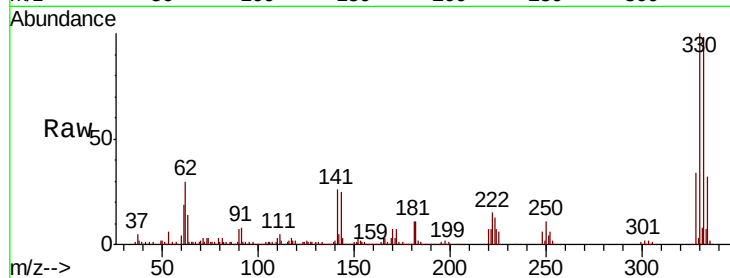




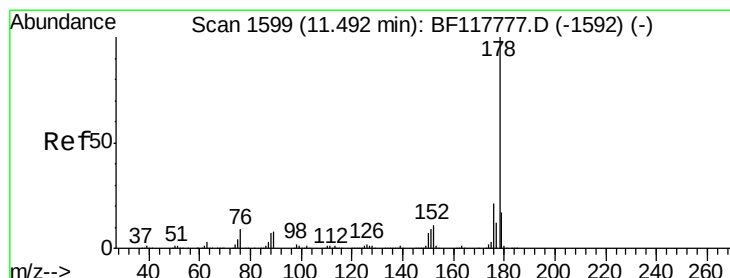
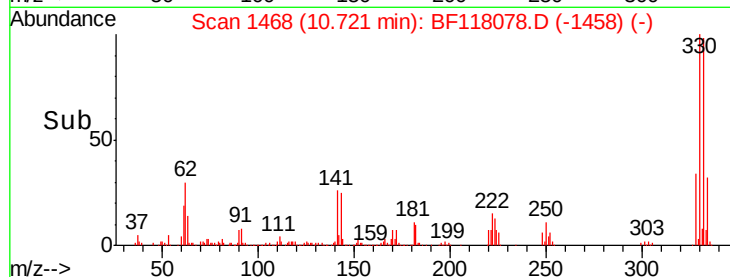
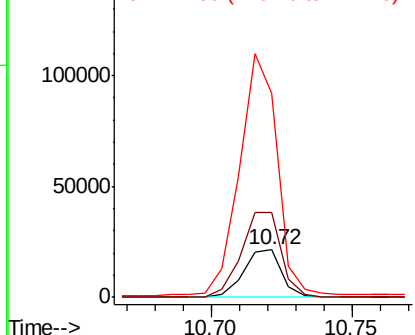
#67
4-Bromophenyl-phenylether
Concen: 3.880 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 19885
Ion Ratio Lower Upper
248 100
250 180.5 78.0 117.0#
141 430.3 64.0 96.0#

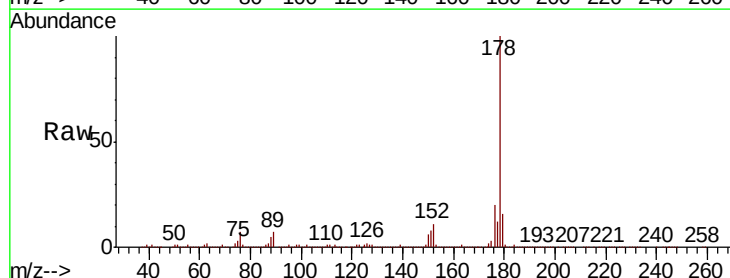


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

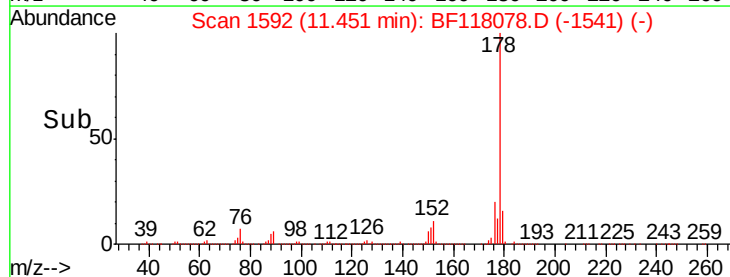
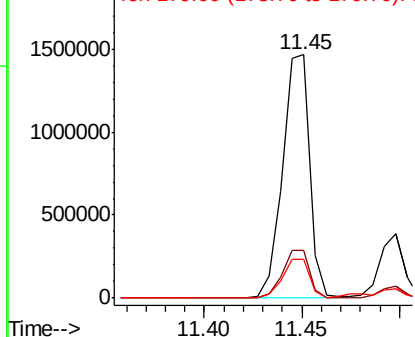


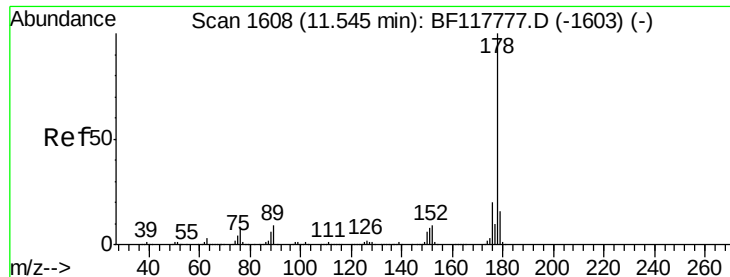
#71
Phenanthrene
Concen: 58.766 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Tgt Ion:178 Resp: 1403260
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.9 12.3 18.5



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

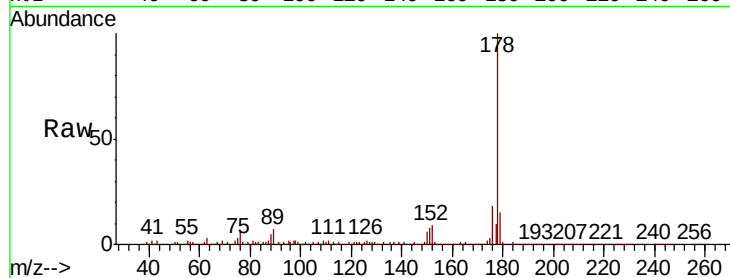




#72
 Anthracene
 Concen: 13.683 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF118078.D
 Acq: 3 Dec 2019 22:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.4	12.8	19.2

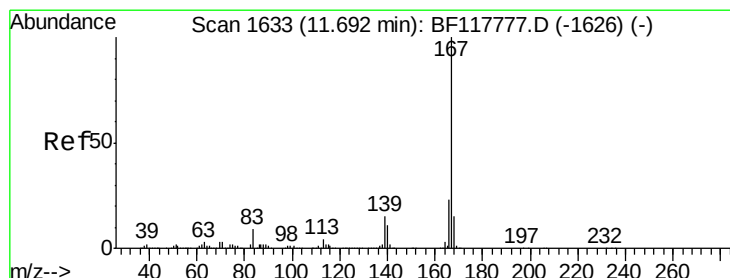
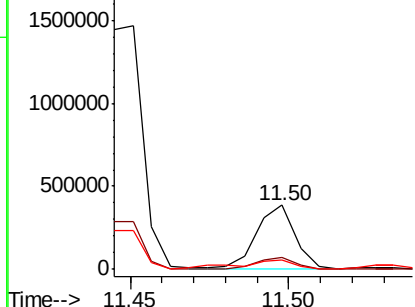
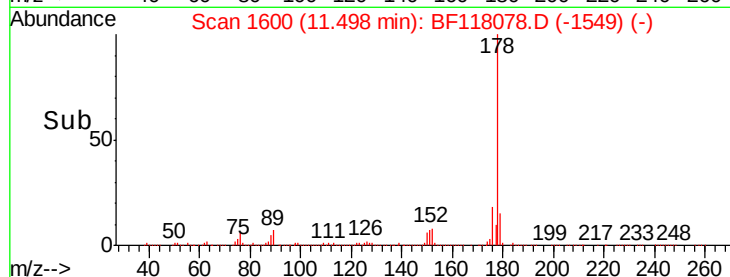


Abundance

Ion 178.00 (177.70 to 178.70): E

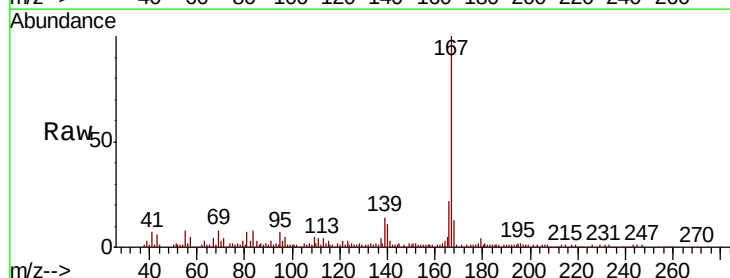
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73
 Carbazole
 Concen: 6.065 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BF118078.D
 Acq: 3 Dec 2019 22:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	14.0	11.5	17.3

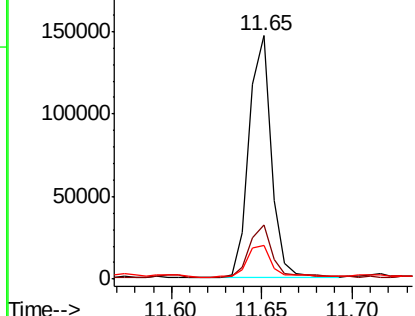
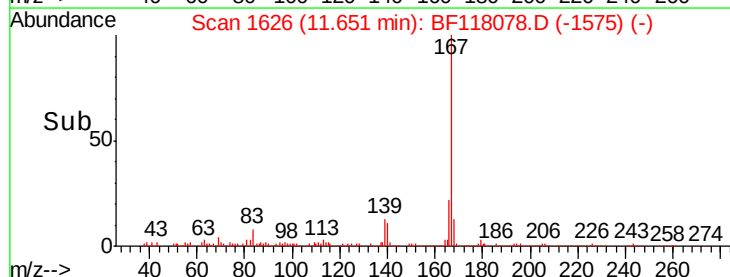


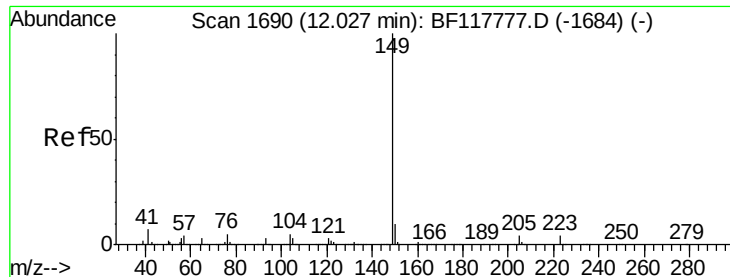
Abundance

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

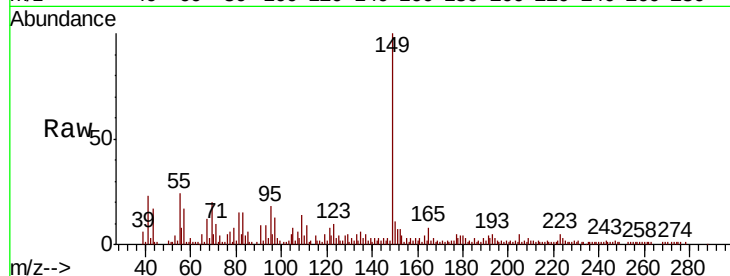




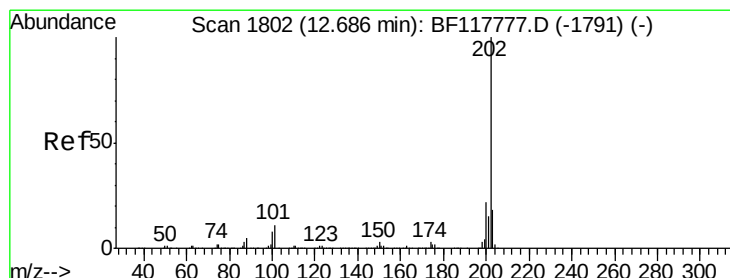
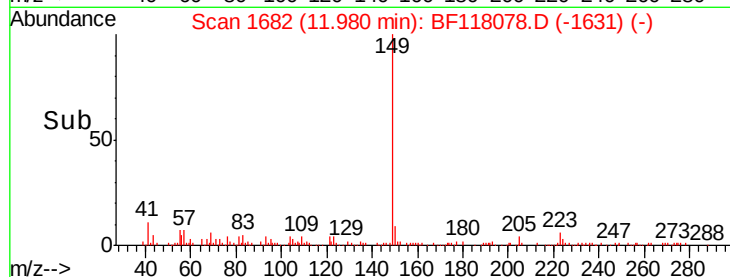
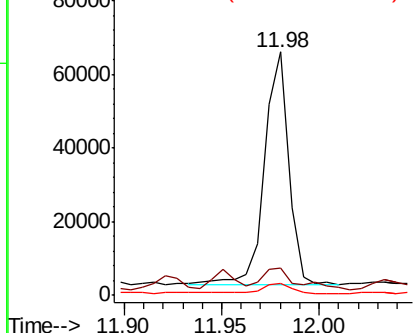
#74
Di-n-butylphthalate
Concen: 2.137 ng
RT: 11.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 55038
Ion Ratio Lower Upper
149 100
150 11.1 7.5 11.3
104 5.1 4.2 6.4

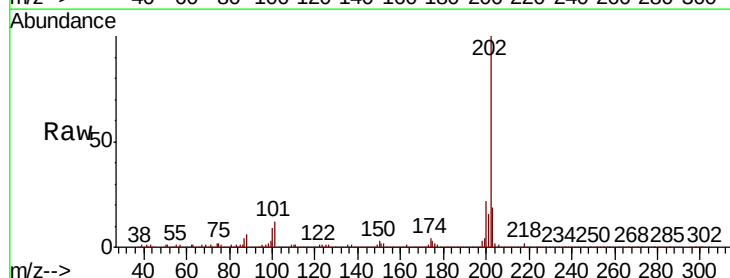


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

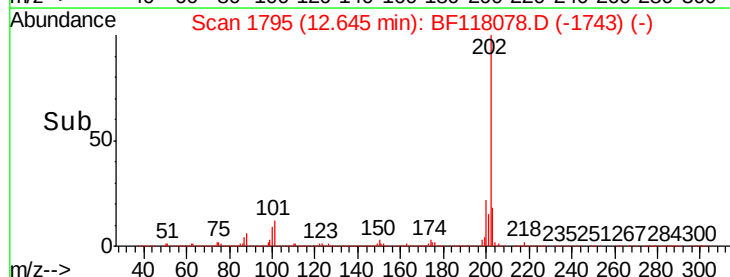
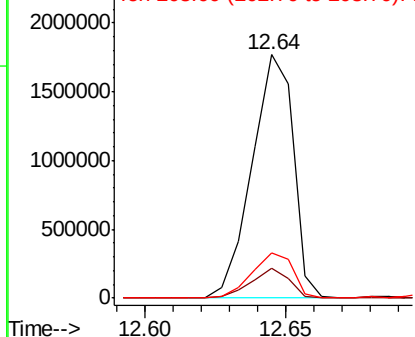


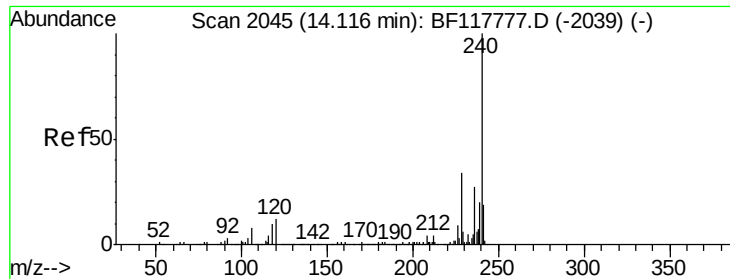
#75
Fluoranthene
Concen: 90.119 ng
RT: 12.64 min Scan# 1795
Delta R.T. 0.01 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Tgt Ion:202 Resp: 1795568
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.5
203 18.5 0.0 37.6



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

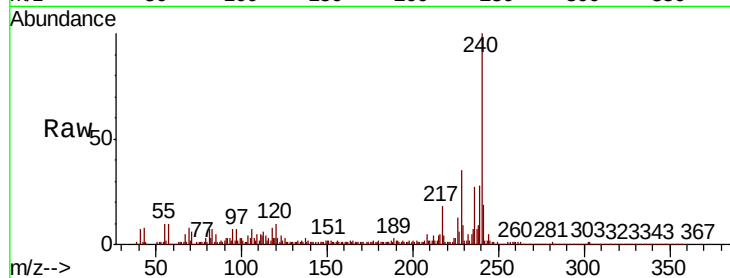




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	27.1	20.6	31.0

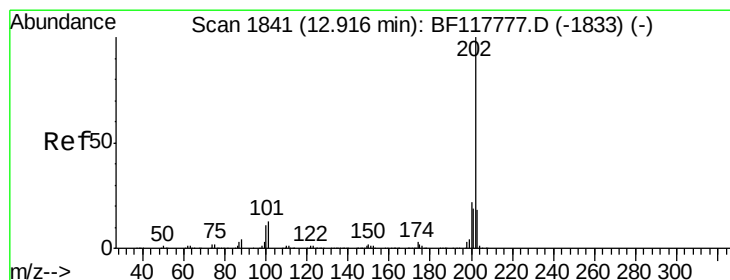
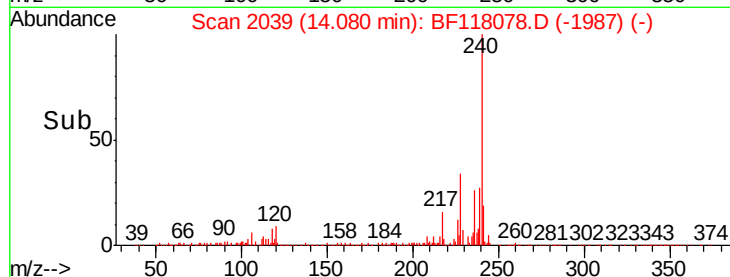
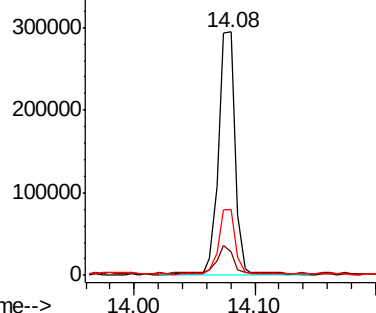


Abundance

Ion 240.00 (239.70 to 240.70): E

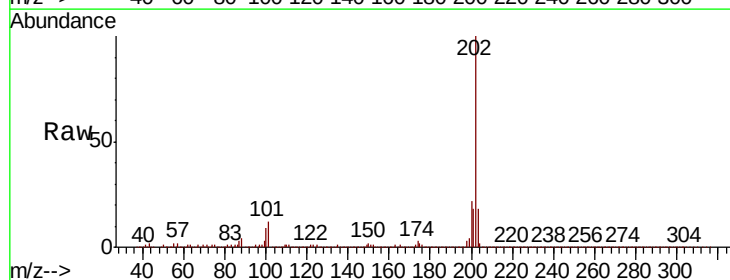
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 69.960 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.6
203	18.2	14.2	21.4

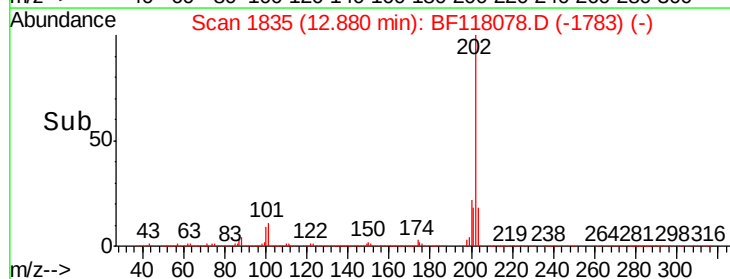
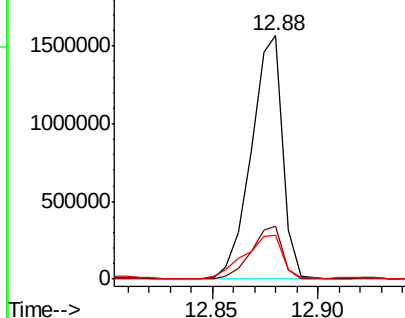


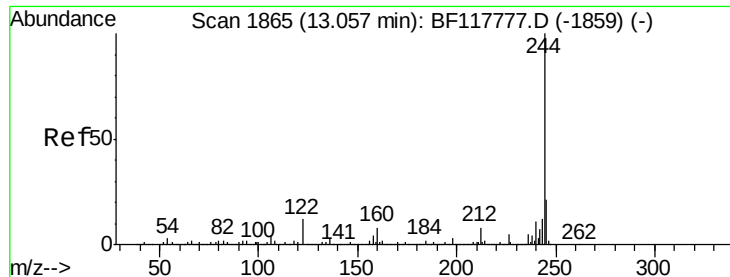
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.182 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BF118078.D

Acq: 3 Dec 2019 22:39

Instrument :

BNA_F

ClientSampleId :

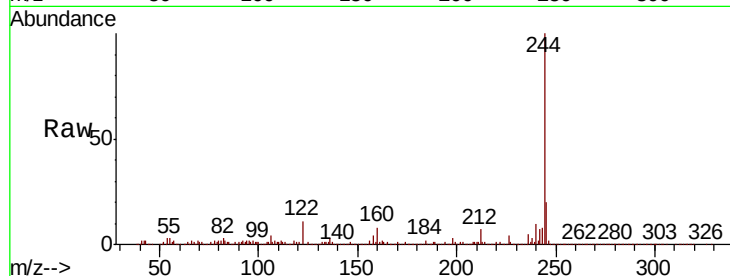
Tot Ion:244 Resp: 985885

Ion Ratio Lower Upper

244 100

212 7.0 5.2 7.8

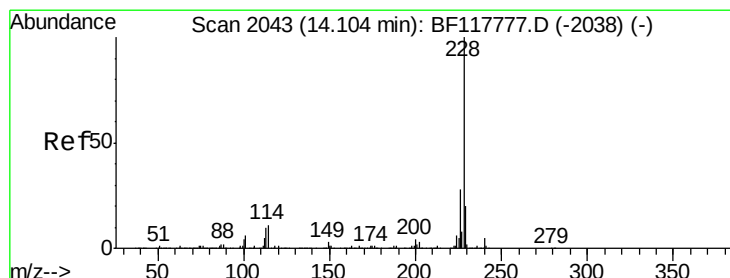
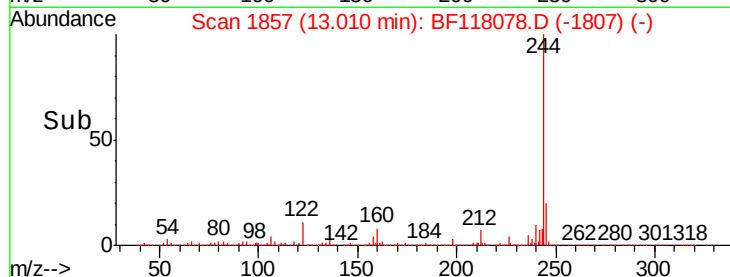
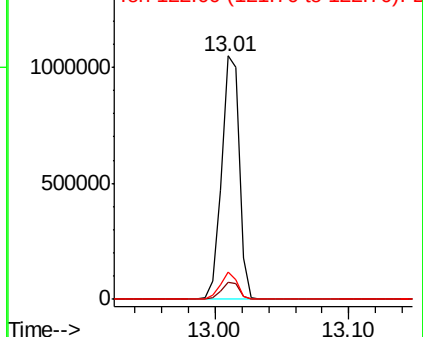
122 11.2 7.2 10.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 41.981 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF118078.D

Acq: 3 Dec 2019 22:39

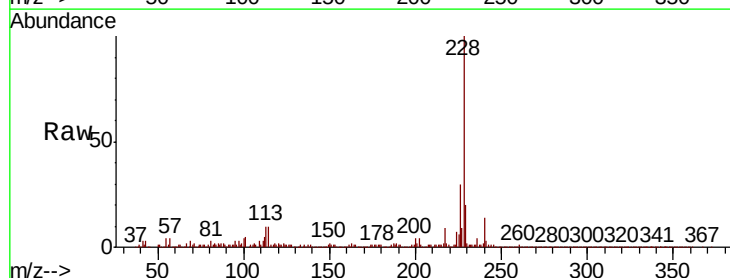
Tgt Ion:228 Resp: 791131

Ion Ratio Lower Upper

228 100

226 30.1 21.9 32.9

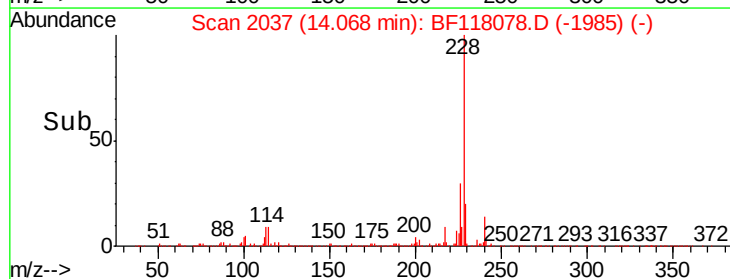
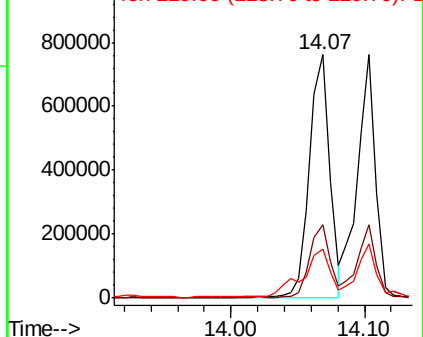
229 20.3 16.2 24.2

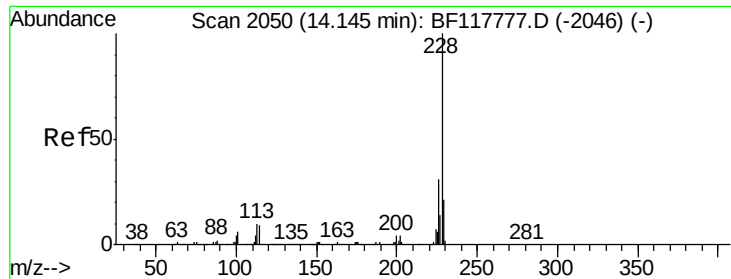


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

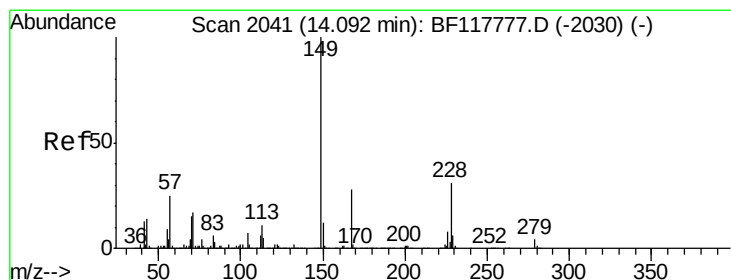
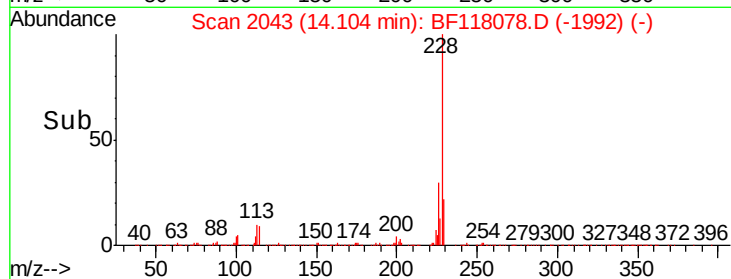
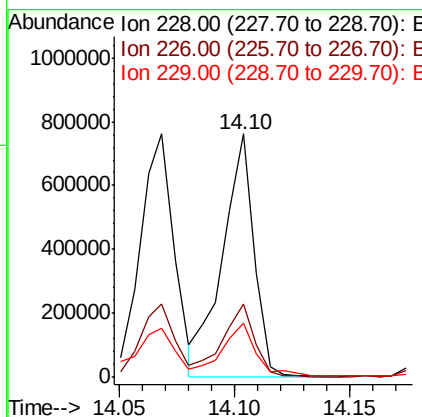
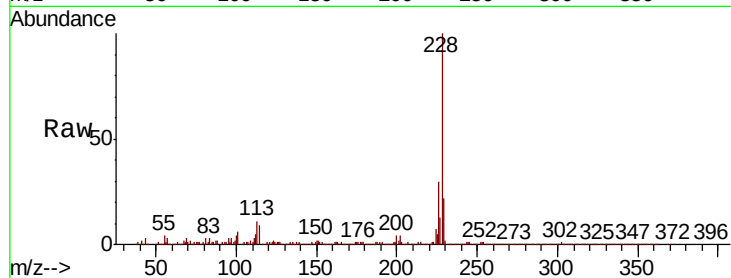




#83
 Chrysene
 Concen: 39.628 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF118078.D
 Acq: 3 Dec 2019 22:39

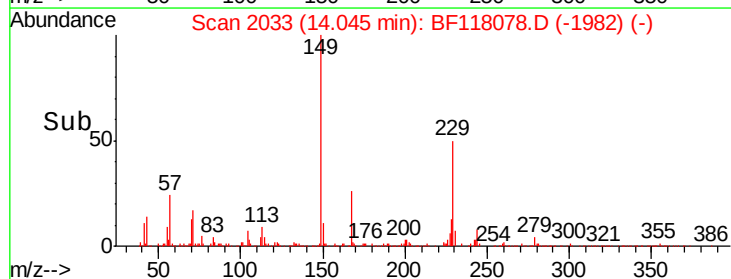
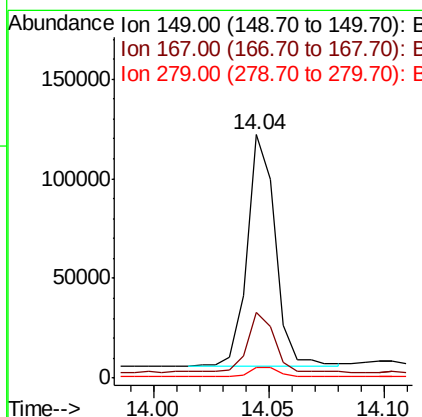
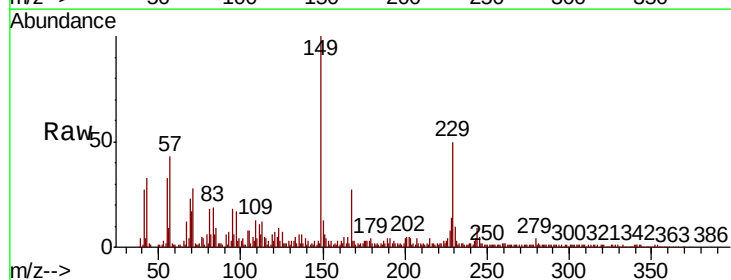
Instrument :
 BNA_F
 ClientSampled :

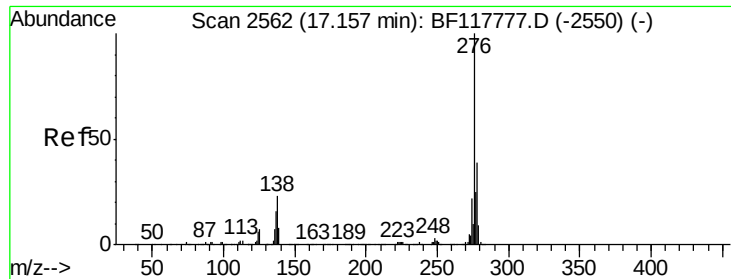
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.6	35.4
229	22.5	16.2	24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.348 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF118078.D
 Acq: 3 Dec 2019 22:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.8	32.8
279	4.3	3.4	5.0

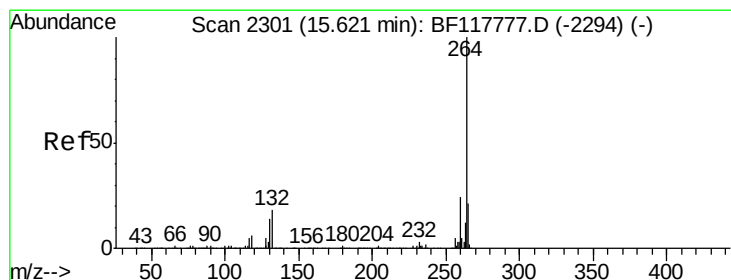
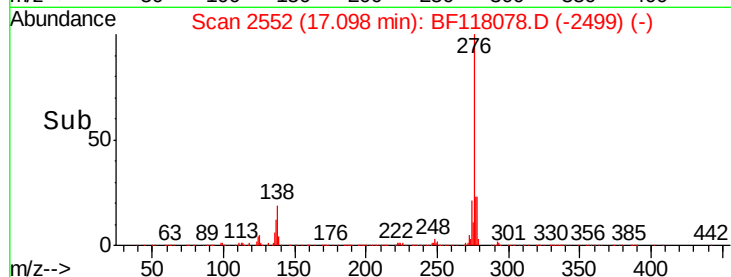
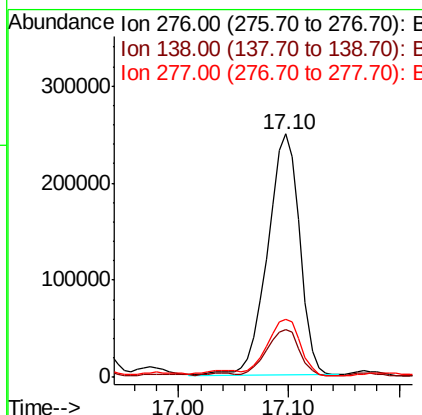
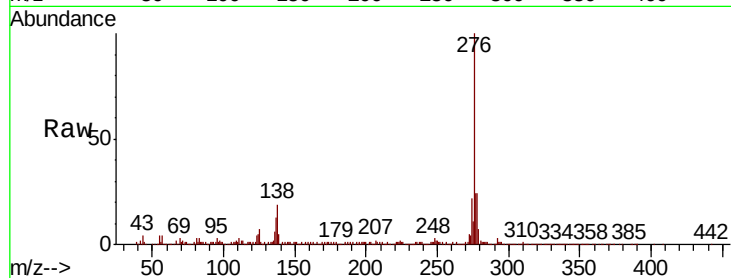




#86
Indeno(1,2,3-cd)pyrene
Concen: 32.407 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

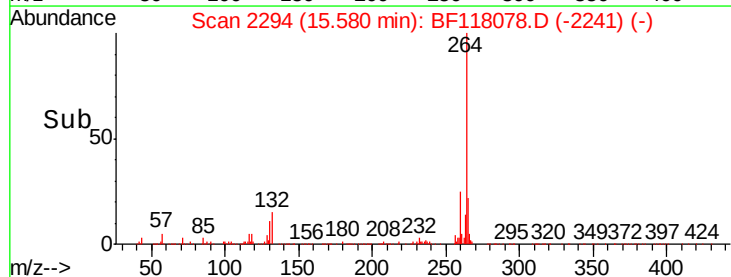
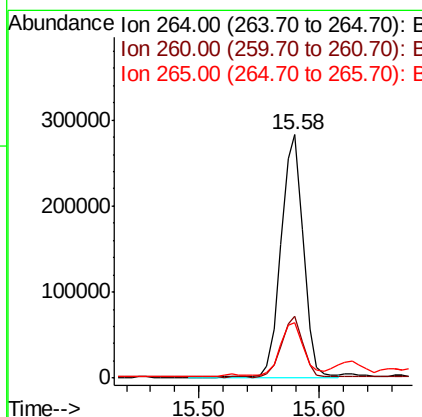
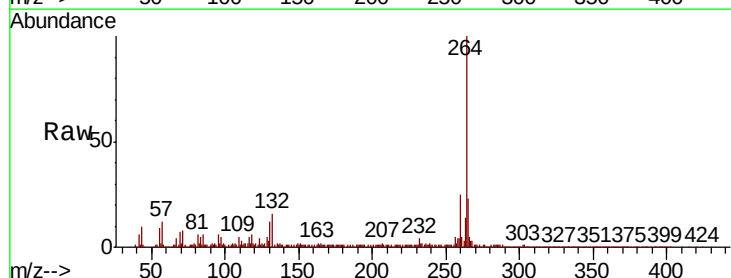
Instrument :
BNA_F
ClientSampleId :

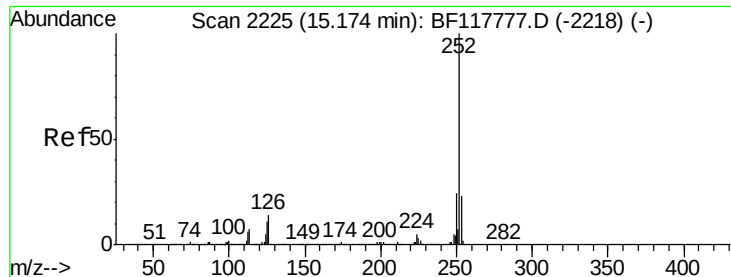
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	19.0	28.6
277	24.4	20.7	31.1



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.0	28.6
265	22.9	16.4	24.6

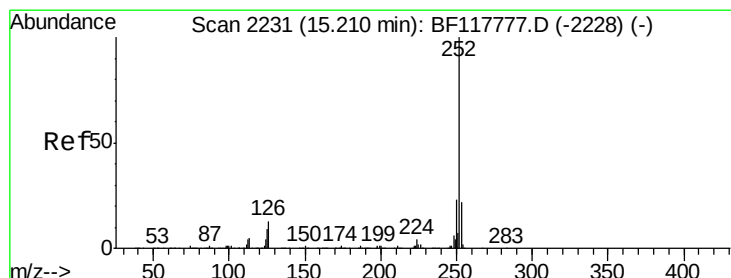
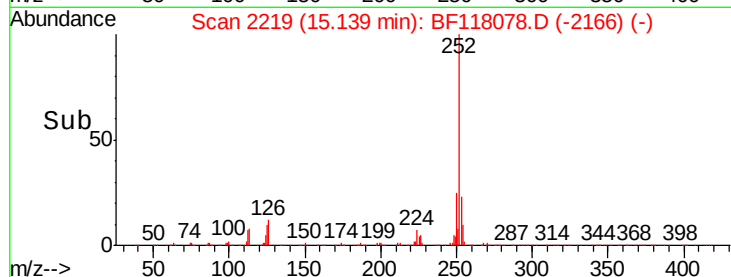
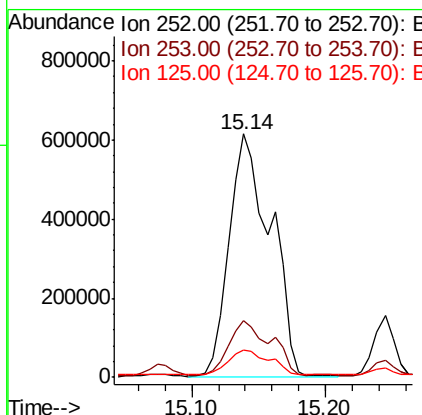
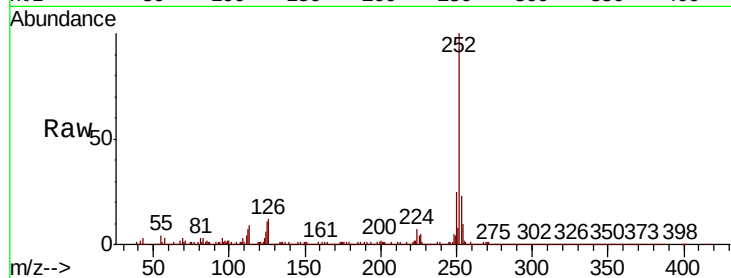




#88
Benzo(b)fluoranthene
Concen: 56.854 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

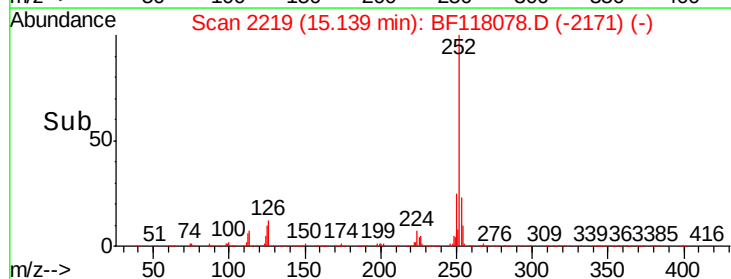
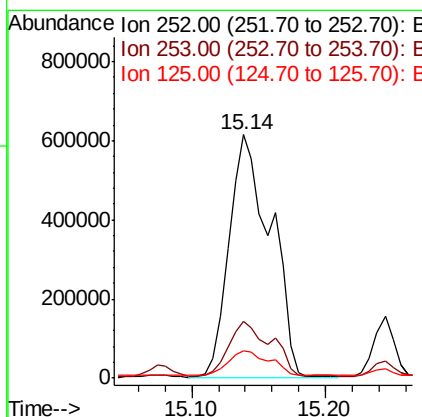
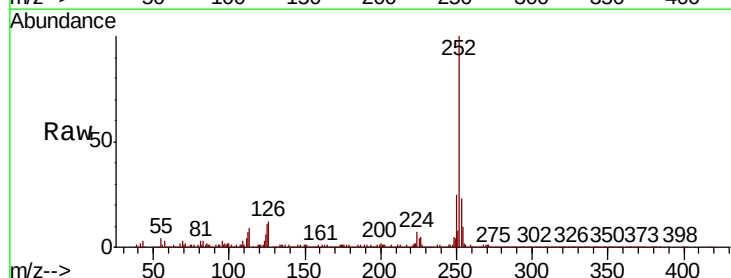
Instrument :
BNA_F
ClientSampleId :

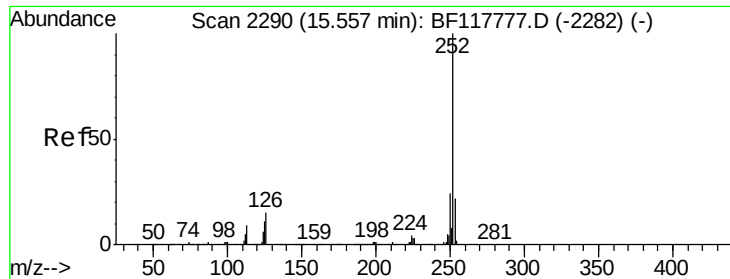
Tot Ion:252 Resp: 1329090
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 11.5 7.7 11.5



#89
Benzo(k)fluoranthene
Concen: 60.340 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Tgt Ion:252 Resp: 1329090
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 11.5 8.5 12.7

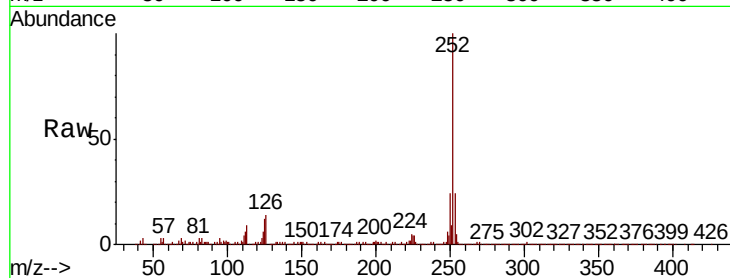




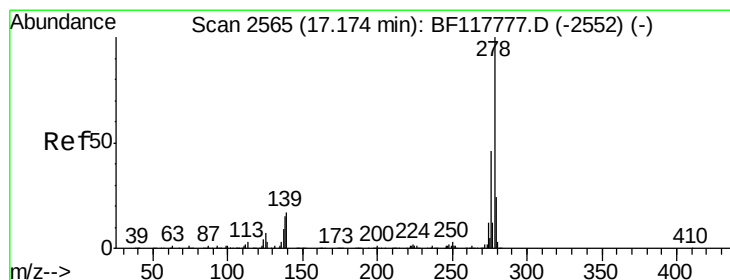
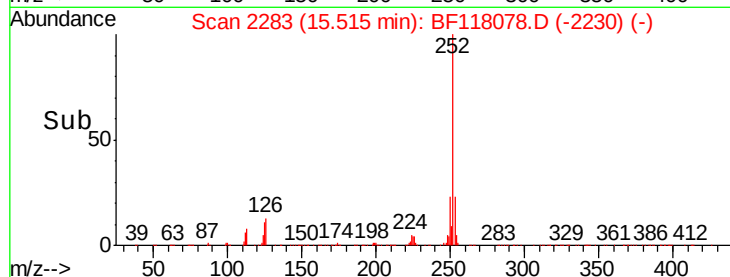
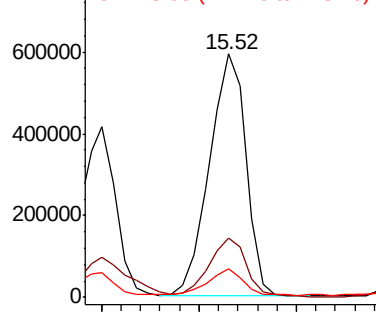
#90
Benzo(a)pyrene
Concen: 37.425 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 769339
Ion Ratio Lower Upper
252 100
253 24.1 17.1 25.7
125 11.8 8.9 13.3

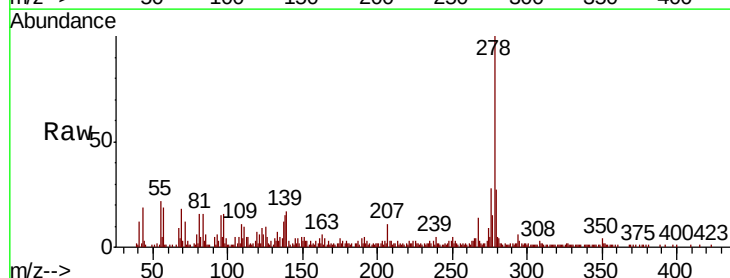


Abundance Ion 252.00 (251.70 to 252.70): E
800000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

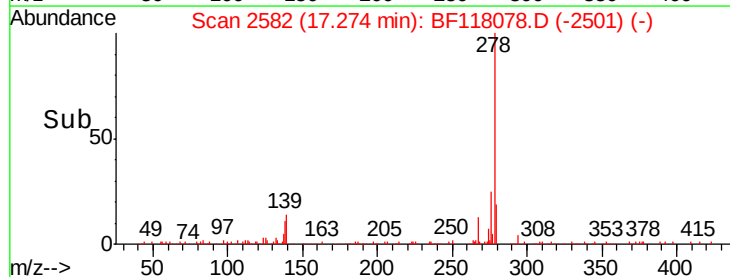
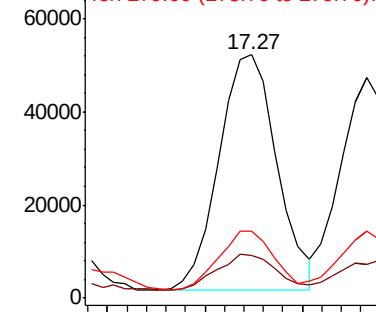


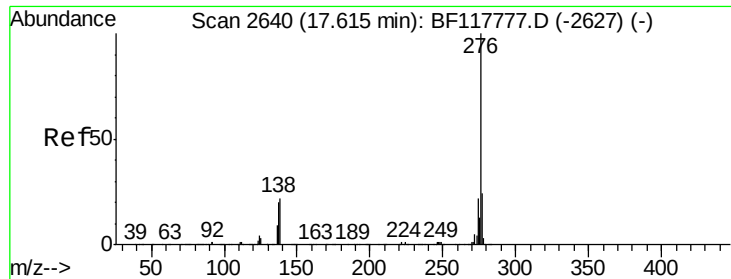
#91
Dibenzo(a,h)anthracene
Concen: 5.893 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.18 min
Lab File: BF118078.D
Acq: 3 Dec 2019 22:39

Tgt Ion:278 Resp: 104265
Ion Ratio Lower Upper
278 100
139 17.5 12.2 18.4
279 27.3 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
60000 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: 25.429 ng
 RT: 17.56 min Scan# 2630
 Delta R.T. 0.02 min
 Lab File: BF118078.D
 Acq: 3 Dec 2019 22:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	20.8	16.6	25.0

