

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118018.D
 Acq On : 26 Nov 2019 20:20
 Operator : JU
 Sample : K5938-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 00:46:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	123773	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	461609	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	247266	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	372746	20.00	ng	0.00
76) Chrysene-d12	14.10	240	254527	20.00	ng	0.01
87) Perylene-d12	15.60	264	190670	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	316823	45.31	ng	0.00
7) Phenol-d6	6.52	99	394665	46.79	ng	0.00
23) Nitrobenzene-d5	7.45	82	228965	29.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.74	330	87187	33.31	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	507694	36.84	ng	0.00
79) Terphenyl-d14	13.03	244	358832	25.77	ng	0.00

Target Compounds

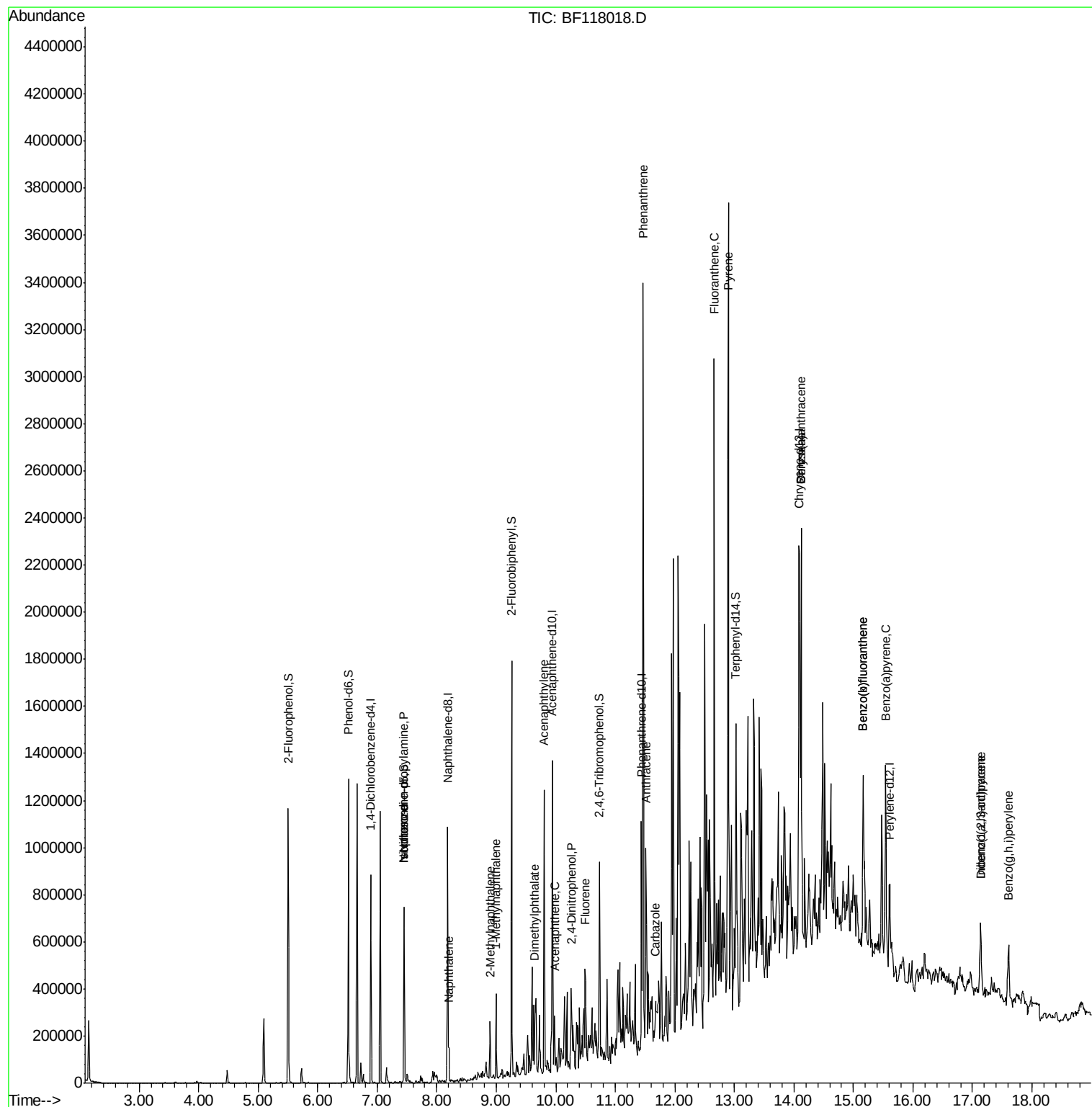
						Qvalue
9) Benzaldehyde	6.44	77	596	Below Cal	#	66
19) n-Nitroso-di-n-propylamine	7.45	70	30555	5.872 ng	#	73
25) Isophorone	7.45	82	228962	16.087 ng	#	62
31) Naphthalene	8.20	128	52745	2.451 ng		98
37) 2-Methylnaphthalene	8.90	142	57918	3.983 ng		97
38) 1-Methylnaphthalene	9.00	142	84615	6.155 ng		99
49) Acenaphthylene	9.80	152	454202	20.643 ng		98
50) Dimethylphthalate	9.65	163	71509	4.124 ng	#	98
52) Acenaphthene	9.98	154	40212	2.853 ng		94
54) 2,4-Dinitrophenol	10.25	184	224	7.329 ng	#	1
58) Fluorene	10.50	166	126016	8.332 ng		98
71) Phenanthrene	11.47	178	1175081	62.703 ng		98
72) Anthracene	11.52	178	303920	16.357 ng		98
73) Carbazole	11.67	167	34065	2.098 ng		93
75) Fluoranthene	12.67	202	1032607	63.622 ng		98
78) Pyrene	12.90	202	1494391	72.650 ng		99
81) Benzo(a)anthracene	14.13	228	694598	41.297 ng		95
83) Chrysene	14.13	228	694598	42.618 ng		98
86) Indeno(1,2,3-cd)pyrene	17.14	276	192540	13.880 ng		95
88) Benzo(b)fluoranthene	15.16	252	554767	44.783 ng		96
89) Benzo(k)fluoranthene	15.16	252	554767	47.529 ng	#	94
90) Benzo(a)pyrene	15.54	252	378605	34.756 ng		98
91) Dibenzo(a,h)anthracene	17.14	278	56702	6.048 ng	#	81
92) Benzo(g,h,i)perylene	17.60	276	213282	22.838 ng		98

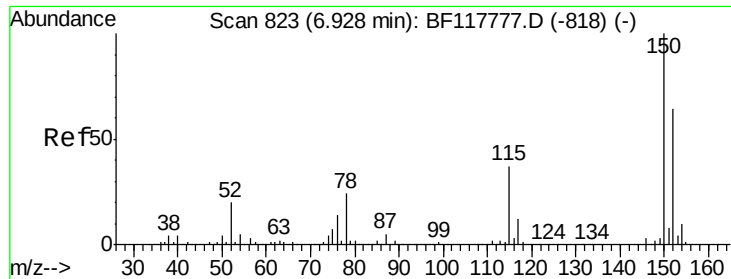
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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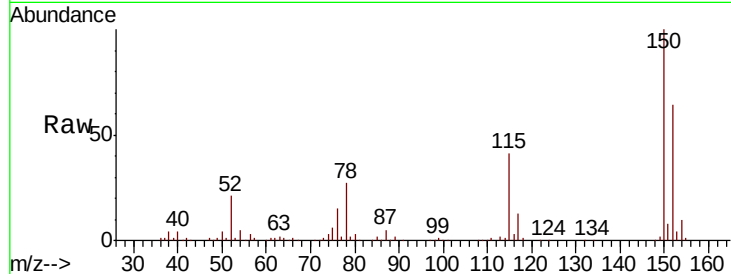


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118018.D
Acq: 26 Nov 2019 20:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.3	187.9
115	63.7	47.0	70.4

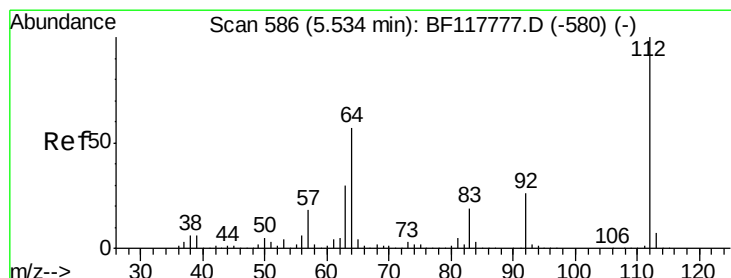
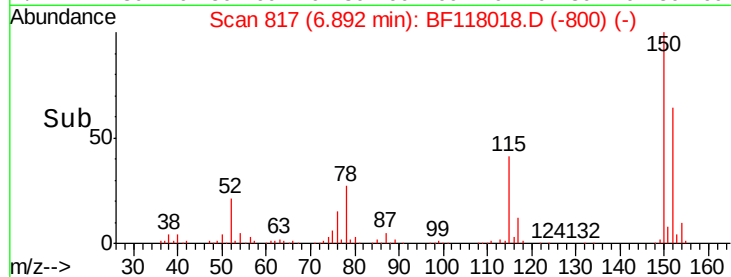
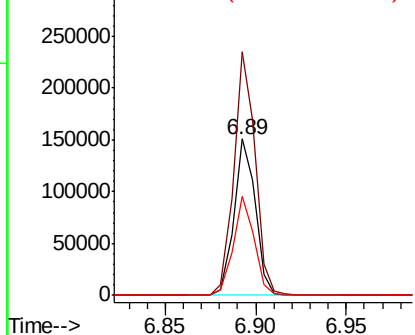


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

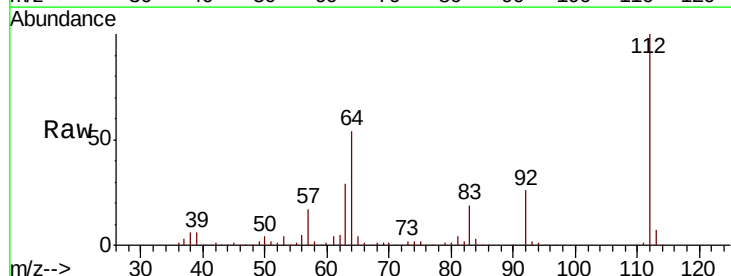
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 45.310 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118018.D
Acq: 26 Nov 2019 20:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	45.6	68.4
63	29.0	24.1	36.1

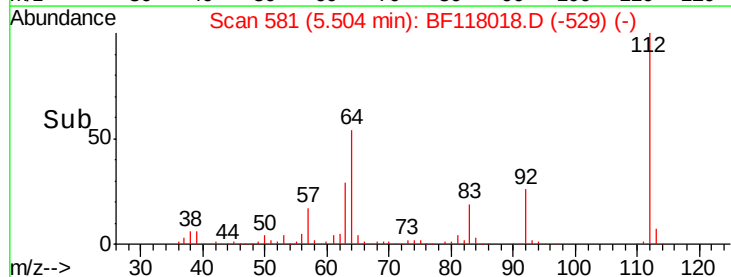
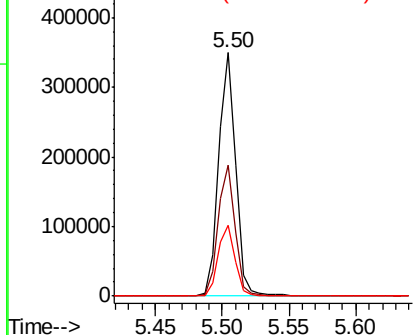


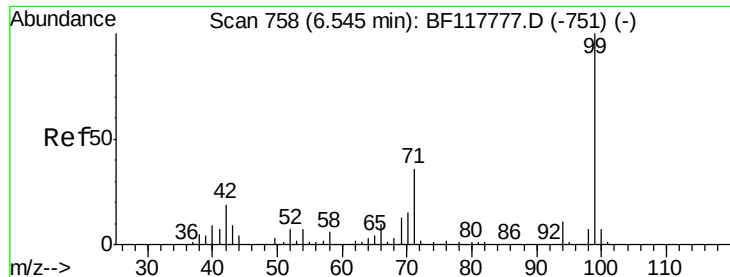
Abundance

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: 46.795 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

Instrument :

BNA_F

ClientSampleId :

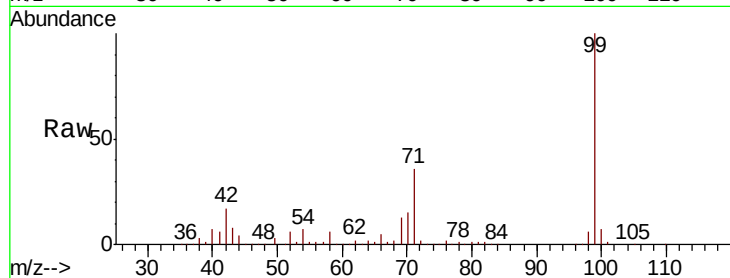
Tot Ion: 99 Resp: 394665

Ion Ratio Lower Upper

99 100

42 17.0 14.9 22.3

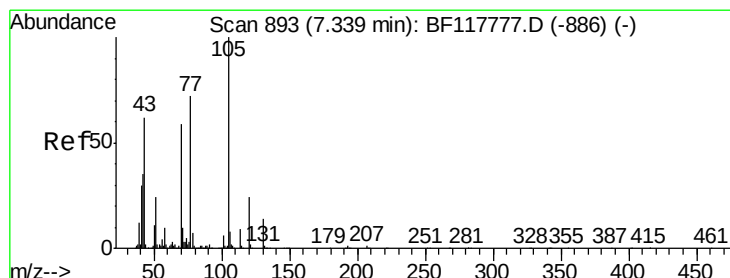
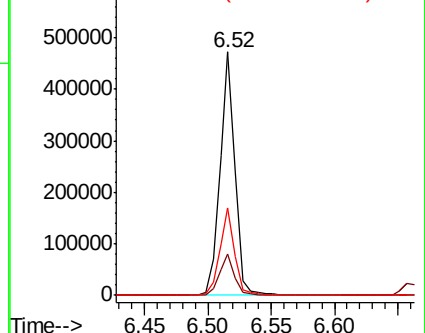
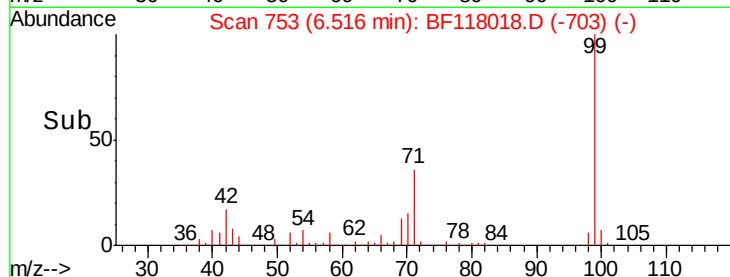
71 35.8 28.6 43.0



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: 5.872 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

Tgt Ion: 70 Resp: 30555

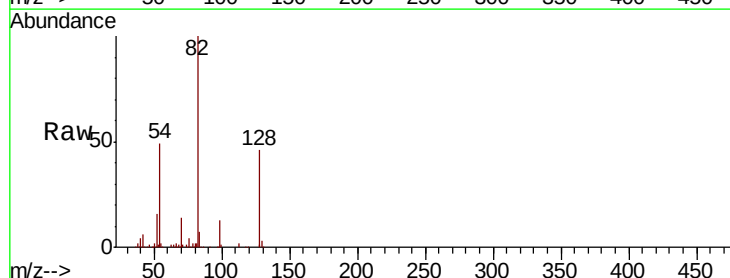
Ion Ratio Lower Upper

70 100

42 44.2 47.4 71.2#

101 0.0 8.4 12.6#

130 2.2 18.8 28.2#

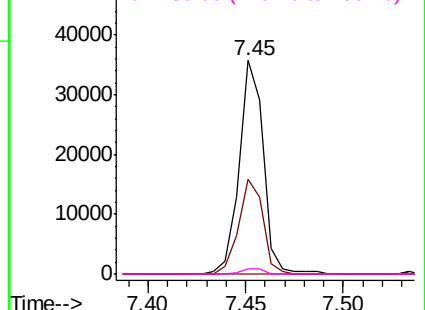
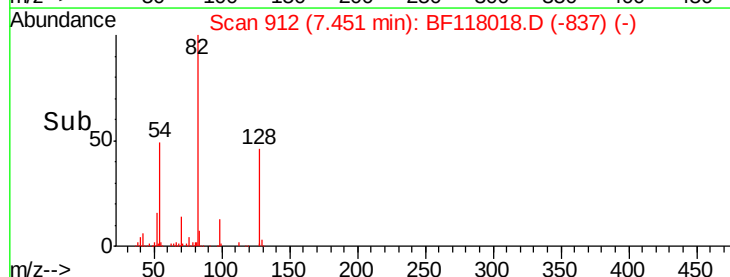


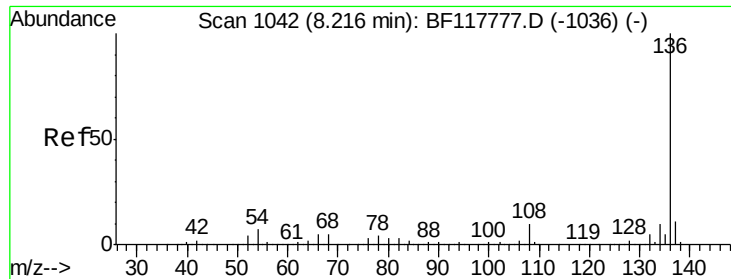
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 461609

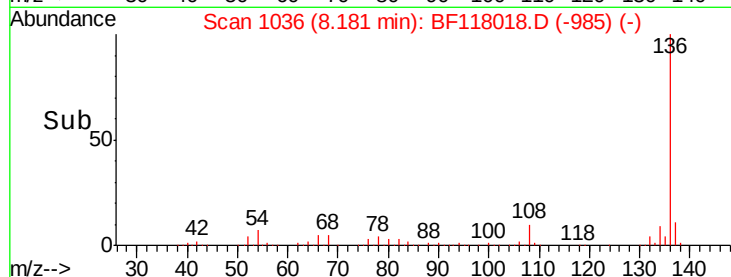
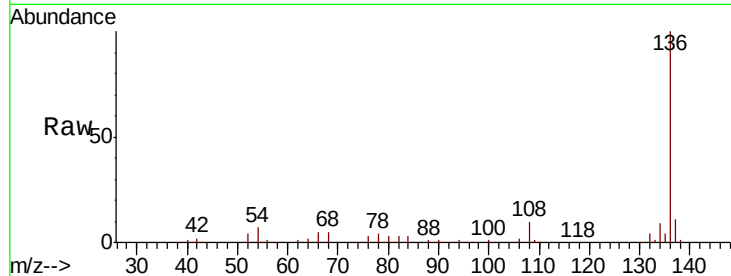
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.0 5.4 8.2

68 5.3 4.3 6.5

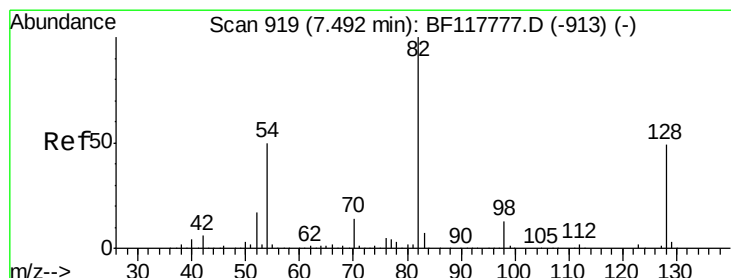
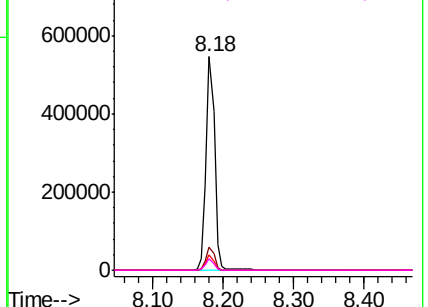


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 29.486 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

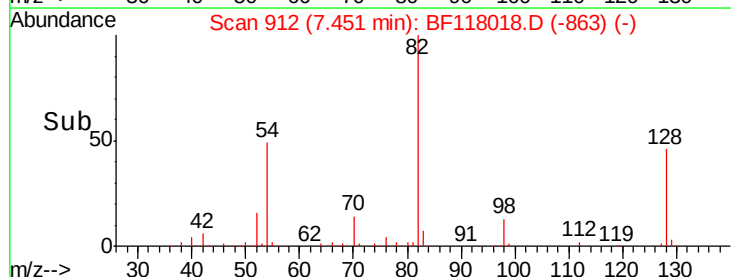
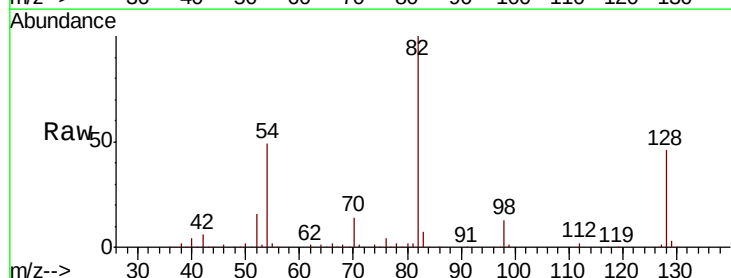
Tgt Ion: 82 Resp: 228965

Ion Ratio Lower Upper

82 100

128 46.1 38.9 58.3

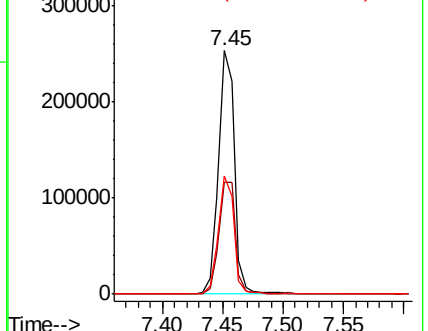
54 48.8 39.8 59.6

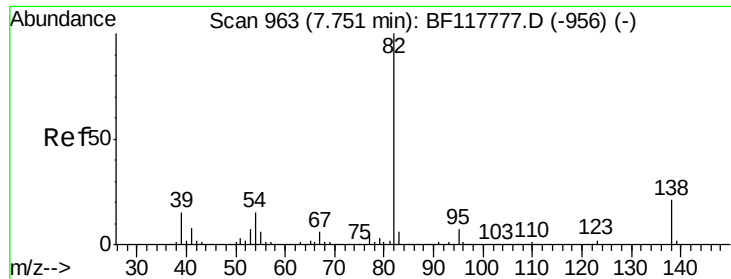


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 16.087 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

Instrument :

BNA_F

ClientSampleId :

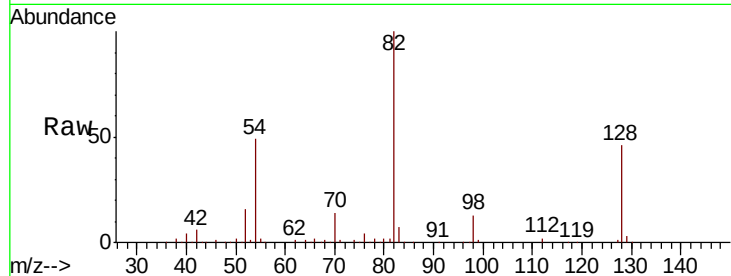
Tot Ion: 82 Resp: 228962

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

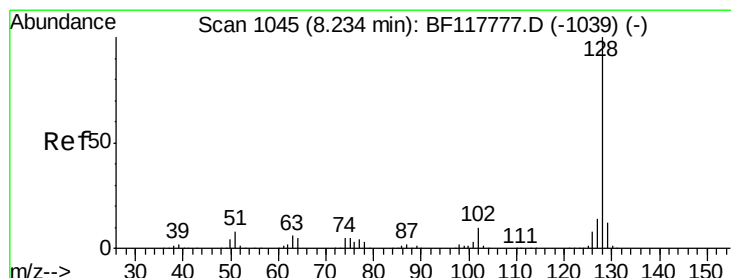
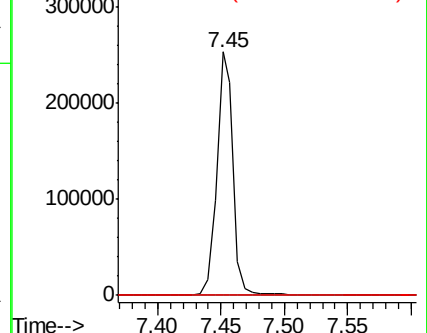
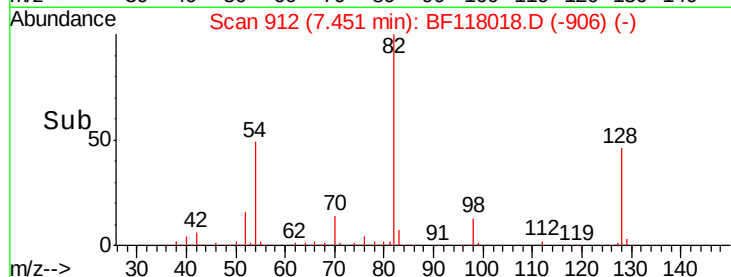
138 0.0 16.5 24.7#



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: 2.451 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

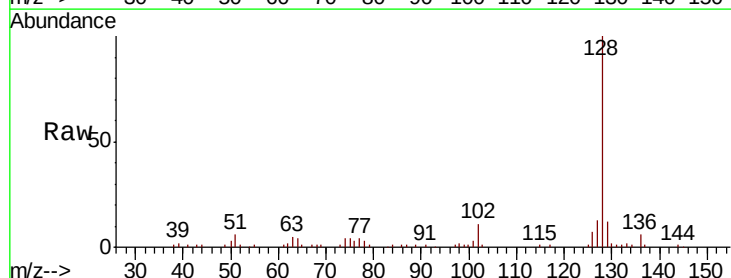
Tgt Ion: 128 Resp: 52745

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

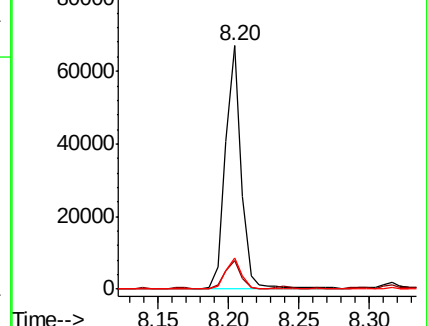
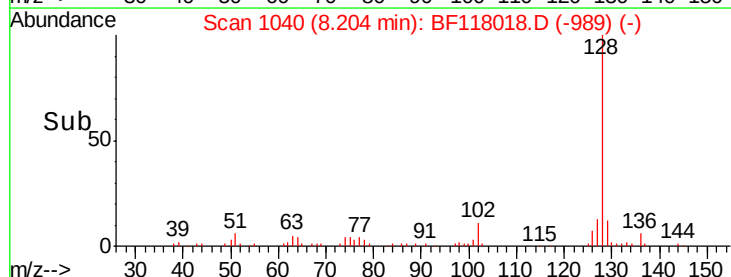
127 12.8 11.3 16.9

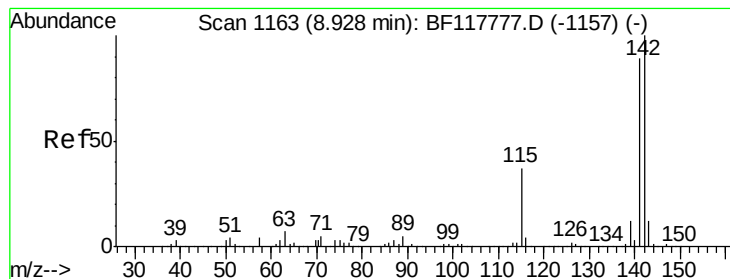


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 3.983 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

Instrument :

BNA_F

ClientSampleId :

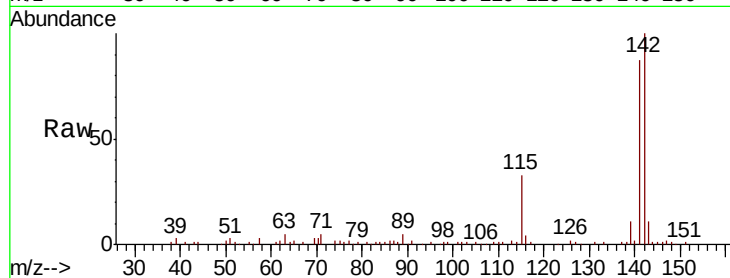
Tot Ion:142 Resp: 57918

Ion Ratio Lower Upper

142 100

141 87.4 71.1 106.7

115 32.9 29.2 43.8

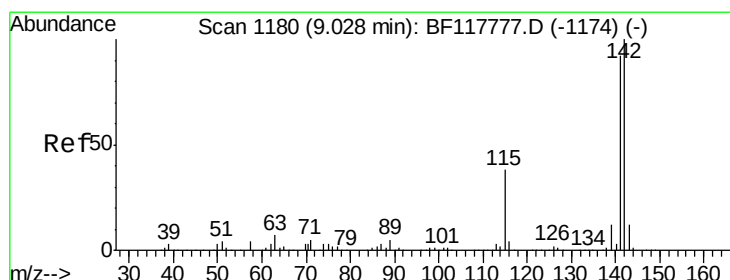
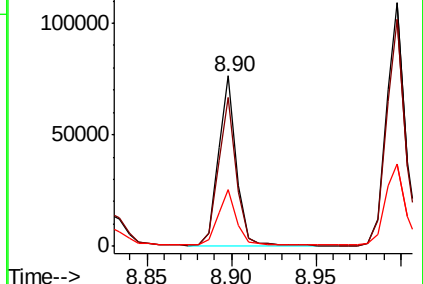
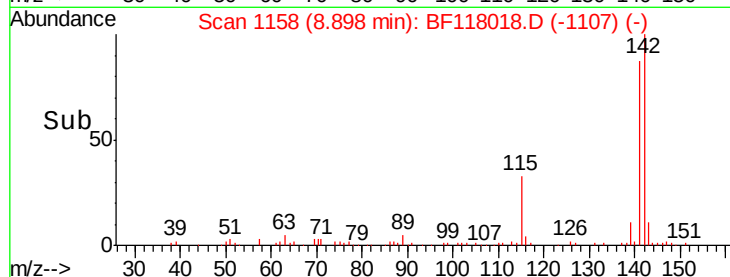


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 6.155 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

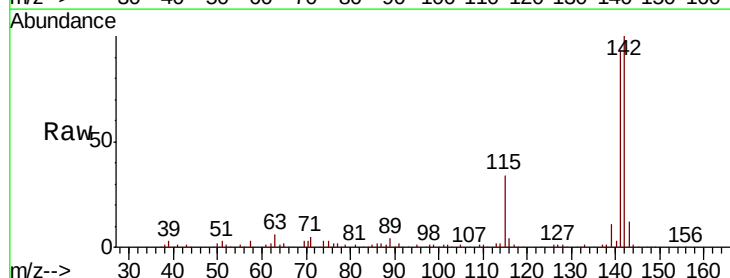
Tgt Ion:142 Resp: 84615

Ion Ratio Lower Upper

142 100

141 93.2 73.5 110.3

116 4.4 3.2 4.8

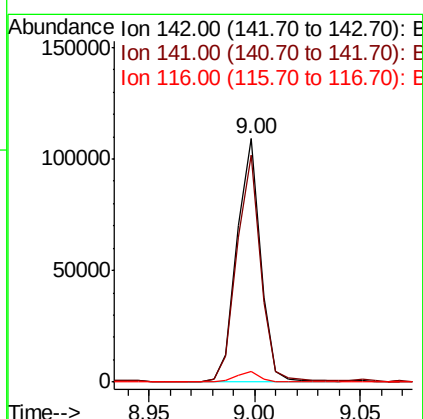
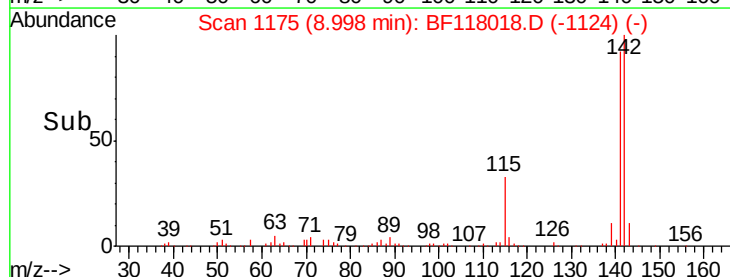


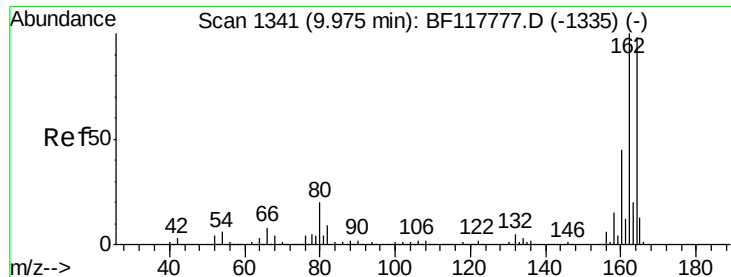
Abundance

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

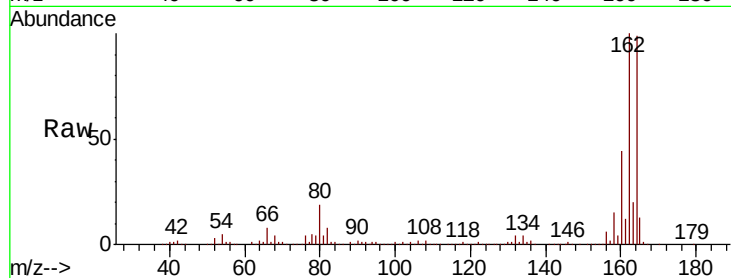




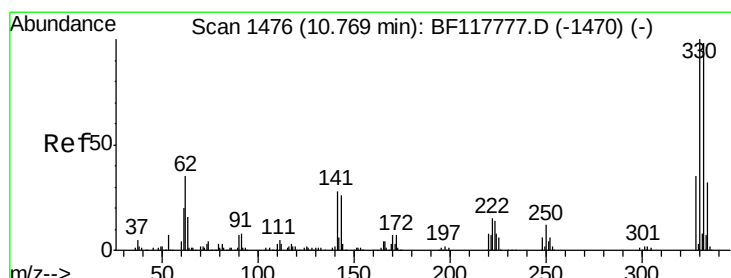
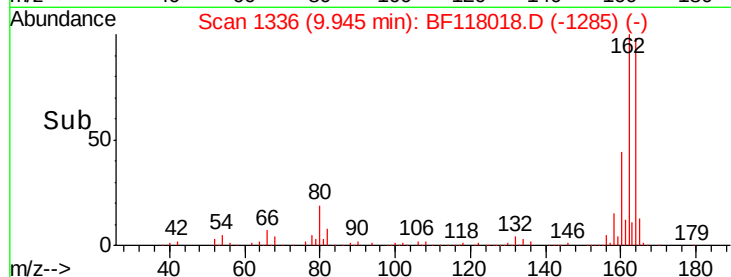
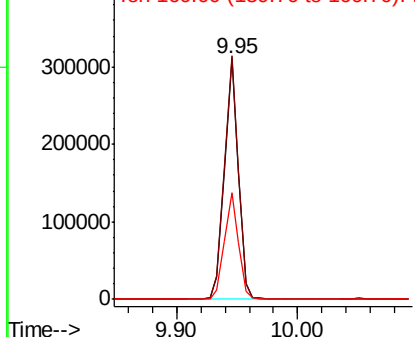
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF118018.D
Acq: 26 Nov 2019 20:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 247266
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 44.2 36.6 55.0

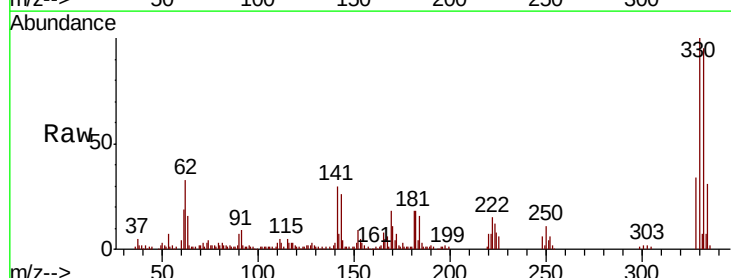


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

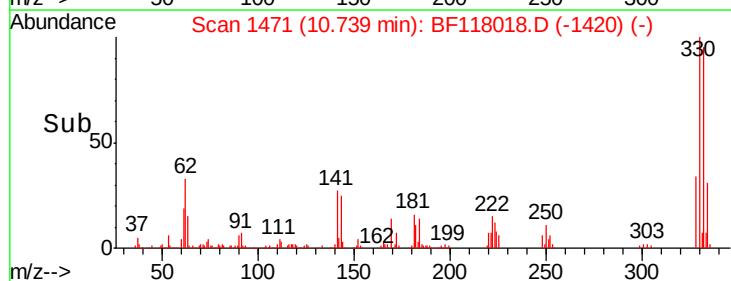
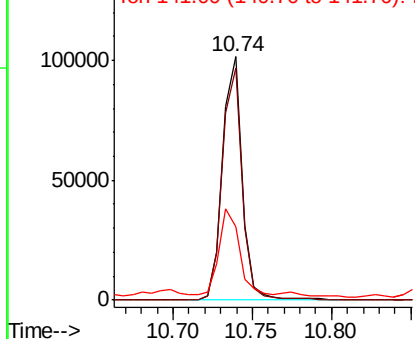


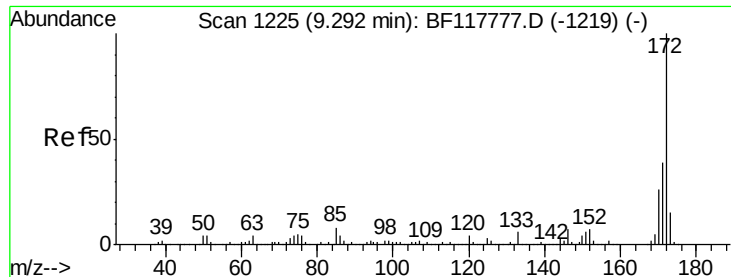
#42
2,4,6-Tribromophenol
Concen: 33.306 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF118018.D
Acq: 26 Nov 2019 20:20

Tgt Ion:330 Resp: 87187
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 38.5 27.7 41.5



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

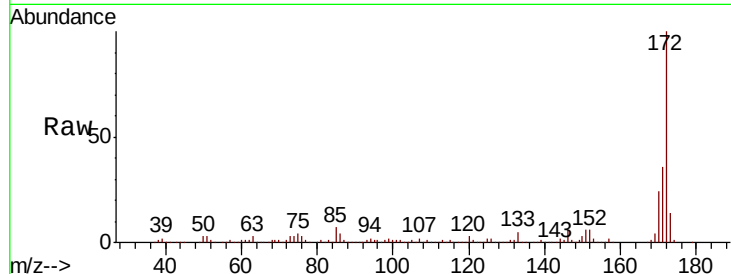




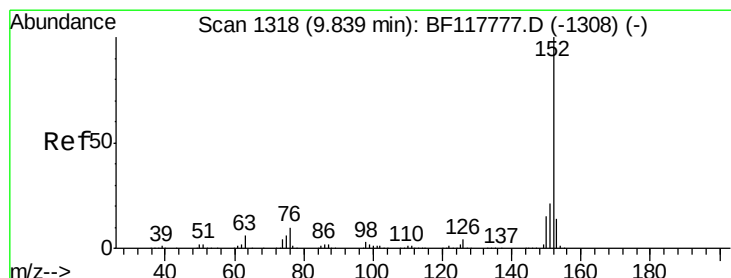
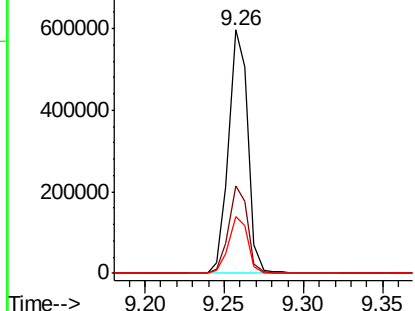
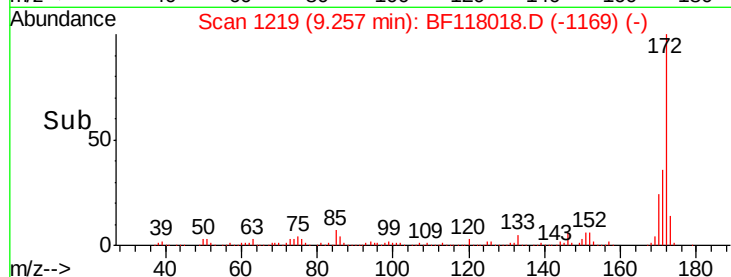
#45
2-Fluorobiphenyl
Concen: 36.836 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF118018.D
Acq: 26 Nov 2019 20:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.9	46.3
170	23.5	21.0	31.4

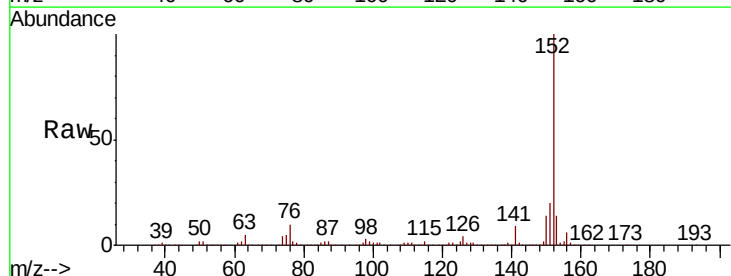


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

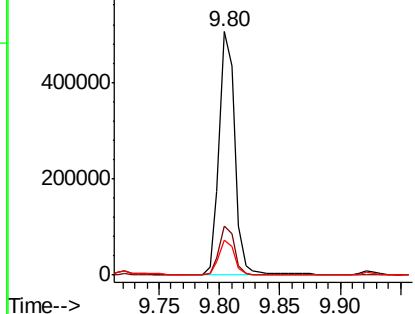
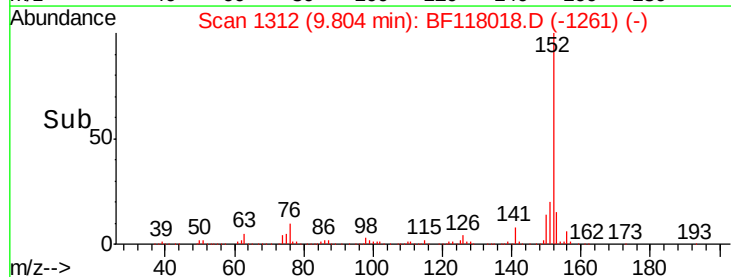


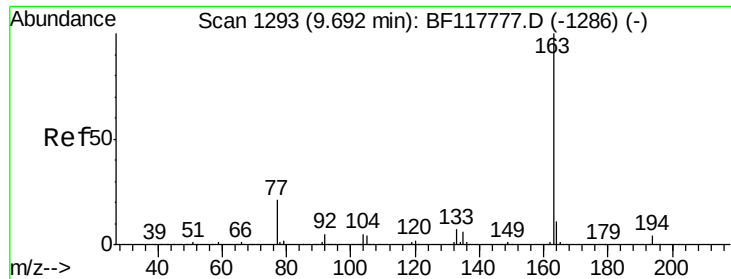
#49
Acenaphthylene
Concen: 20.643 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF118018.D
Acq: 26 Nov 2019 20:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.0	25.6
153	14.5	11.0	16.6



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

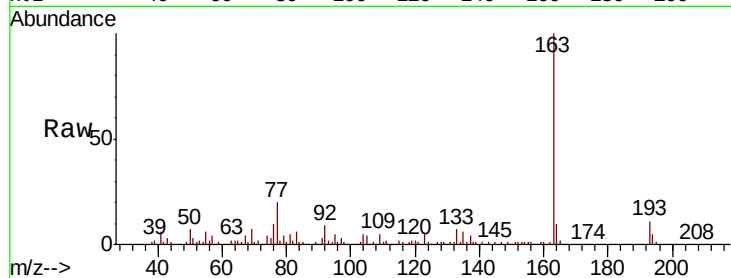




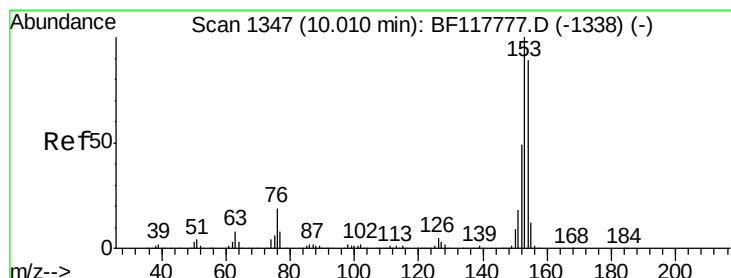
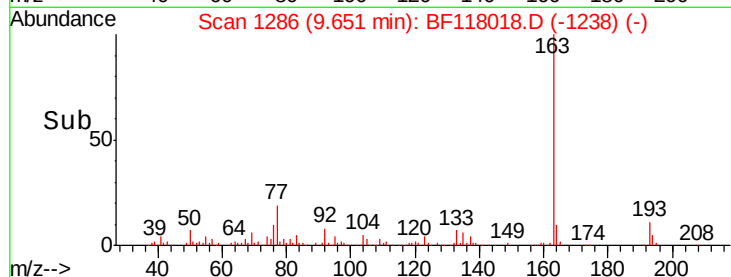
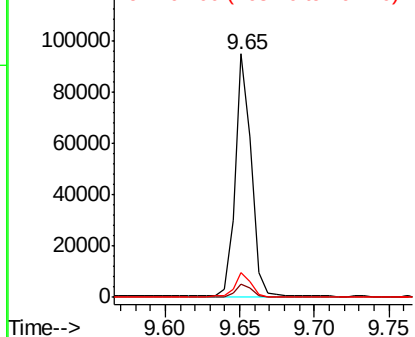
#50
Dimethylphthalate
Concen: 4.124 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF118018.D
Acq: 26 Nov 2019 20:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.3	4.9#
164	10.2	8.7	13.1

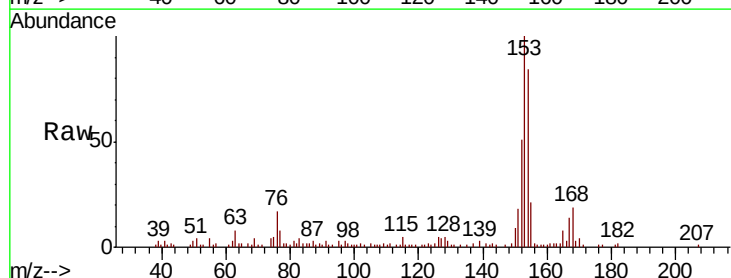


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

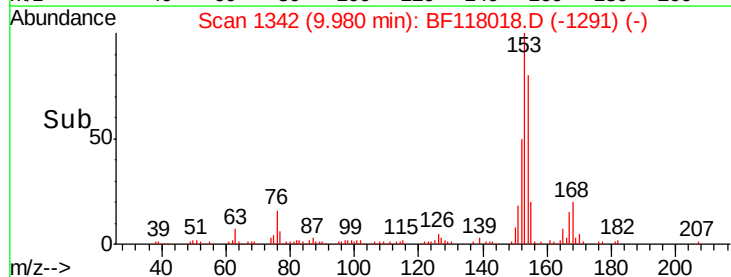
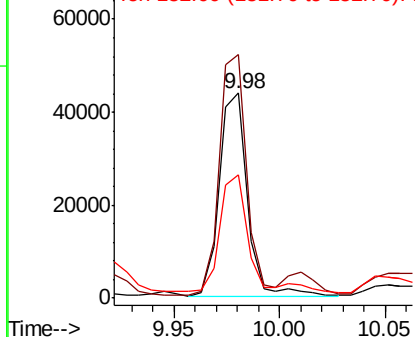


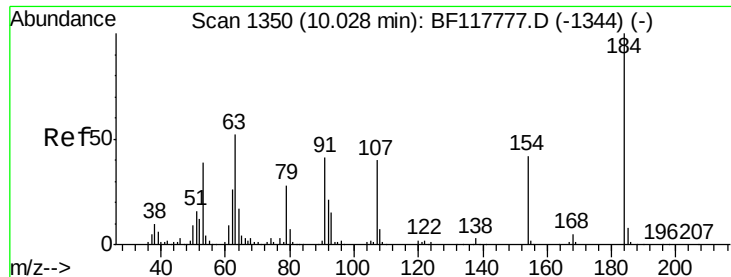
#52
Acenaphthene
Concen: 2.853 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF118018.D
Acq: 26 Nov 2019 20:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.7	90.1	135.1
152	60.1	44.0	66.0



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

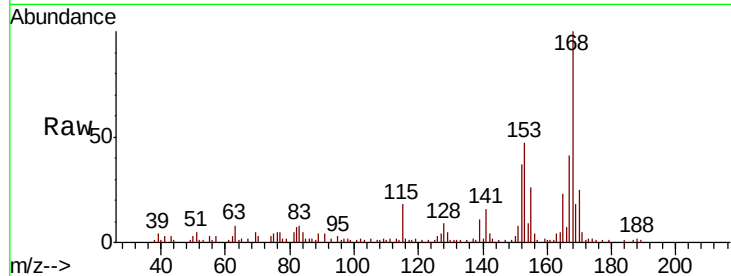




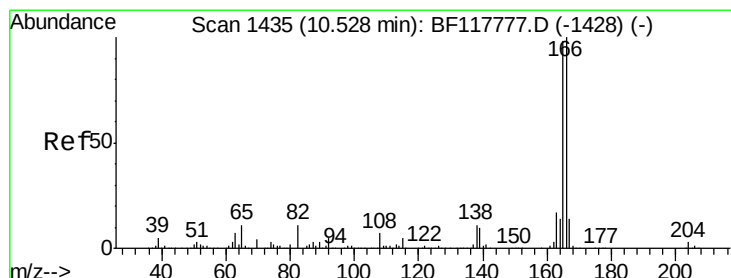
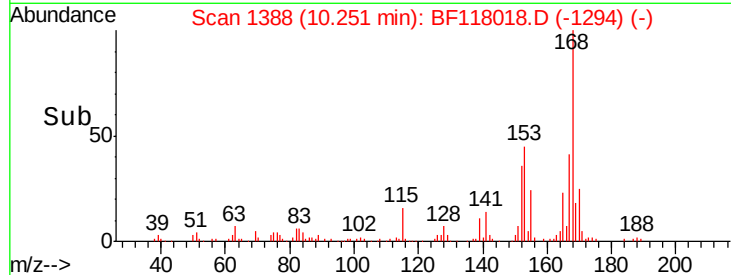
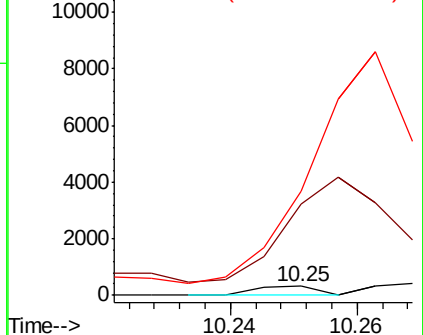
#54
2,4-Dinitrophenol
Concen: 7.329 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.25 min
Lab File: BF118018.D
Acq: 26 Nov 2019 20:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 224
Ion Ratio Lower Upper
184 100
63 980.8 43.0 64.6#
154 1123.2 48.0 72.0#

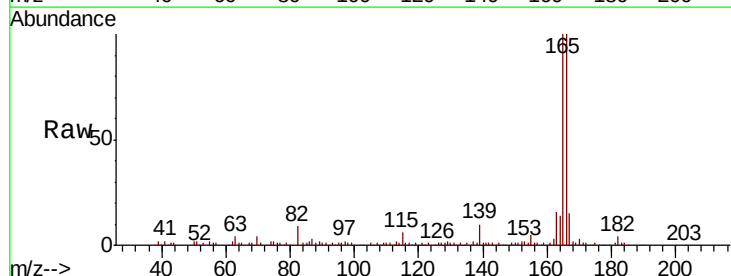


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

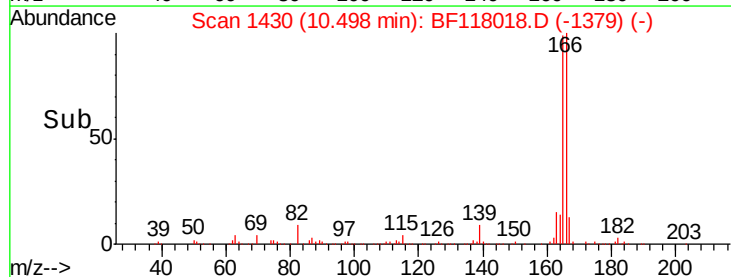
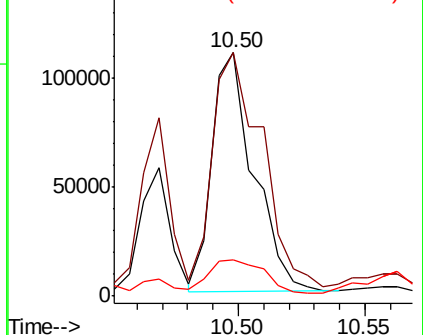


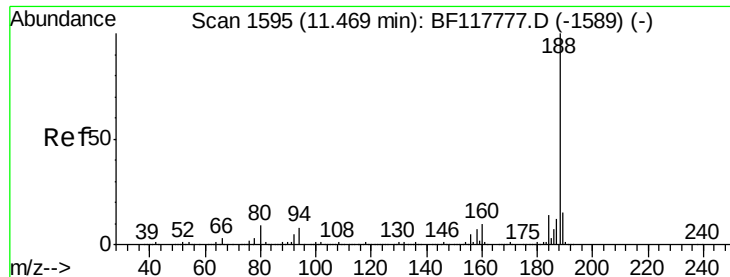
#58
Fluorene
Concen: 8.332 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF118018.D
Acq: 26 Nov 2019 20:20

Tgt Ion:166 Resp: 126016
Ion Ratio Lower Upper
166 100
165 99.8 78.4 117.6
167 14.7 11.0 16.4



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

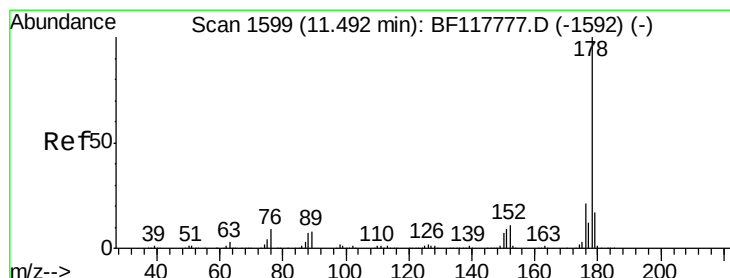
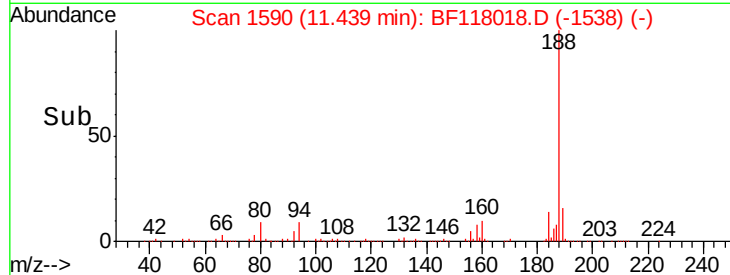
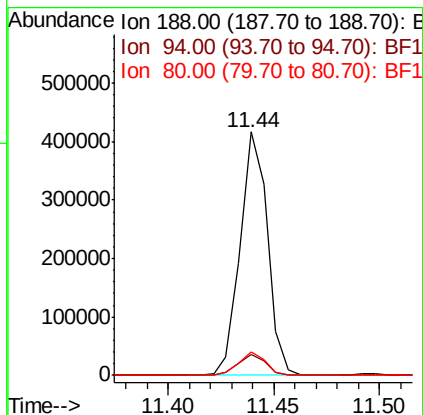
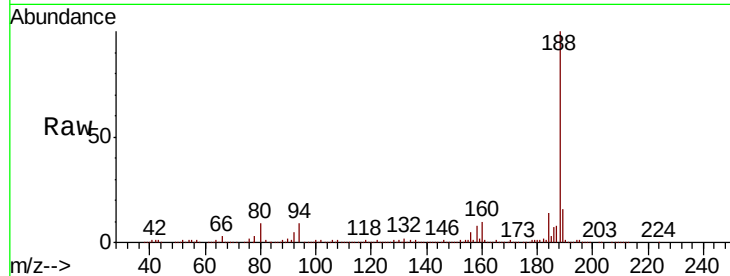




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF118018.D
Acq: 26 Nov 2019 20:20

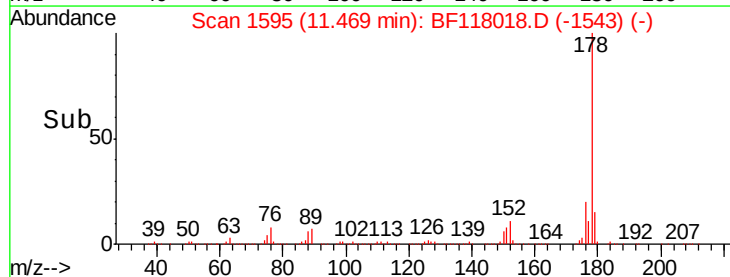
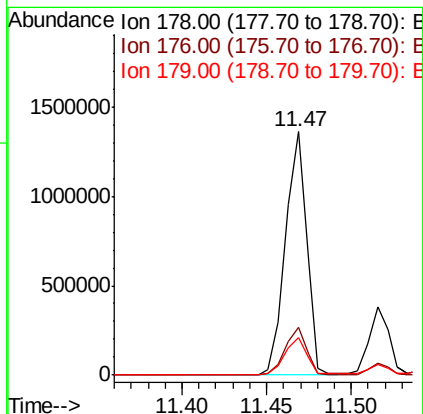
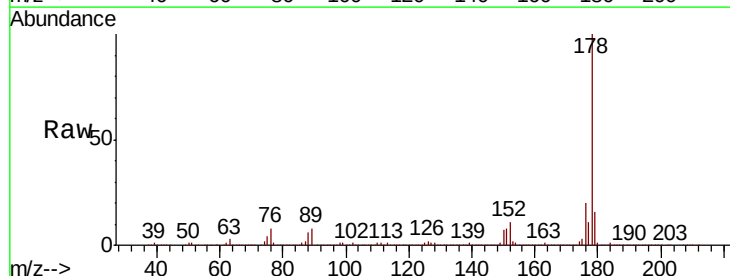
Instrument :
BNA_F
ClientSampled :

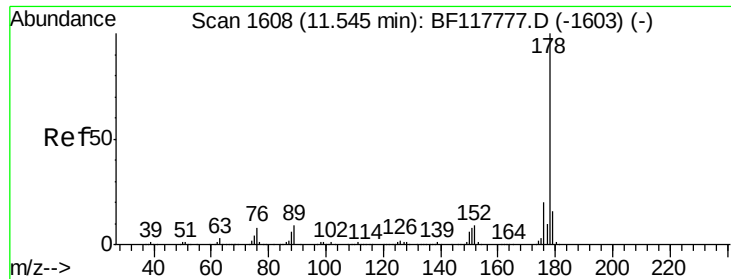
Tot Ion:188 Resp: 372746
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.4 7.2 10.8



#71
Phenanthrene
Concen: 62.703 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.01 min
Lab File: BF118018.D
Acq: 26 Nov 2019 20:20

Tgt Ion:178 Resp: 1175081
Ion Ratio Lower Upper
178 100
176 19.9 16.6 25.0
179 15.7 13.2 19.8

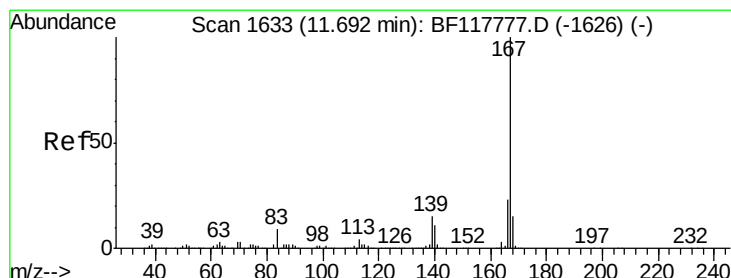
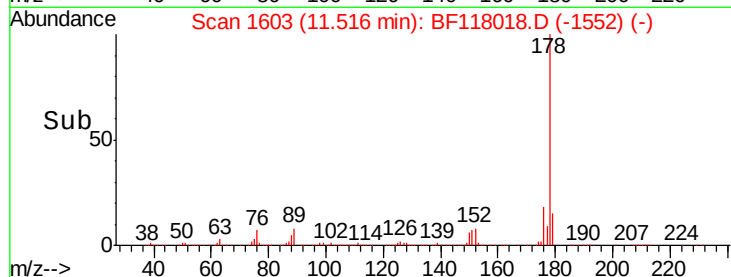
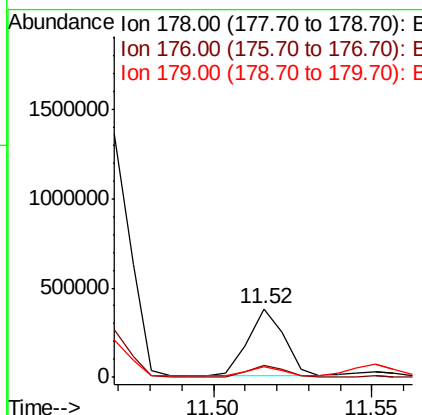
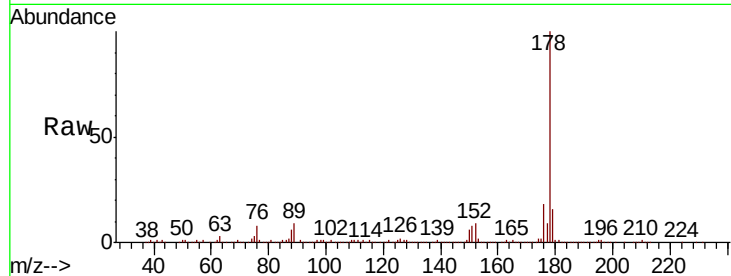




#72
 Anthracene
 Concen: 16.357 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF118018.D
 Acq: 26 Nov 2019 20:20

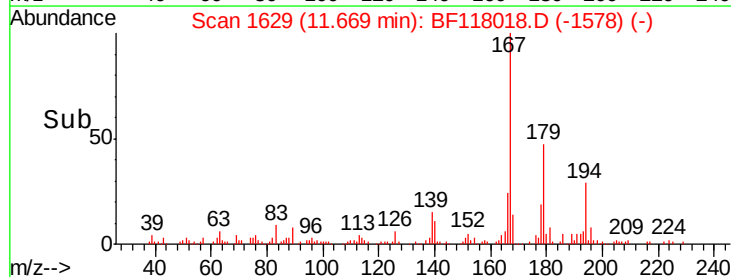
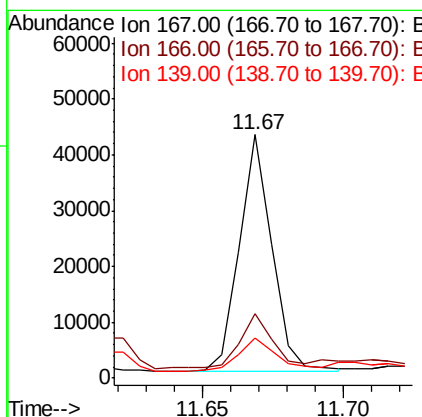
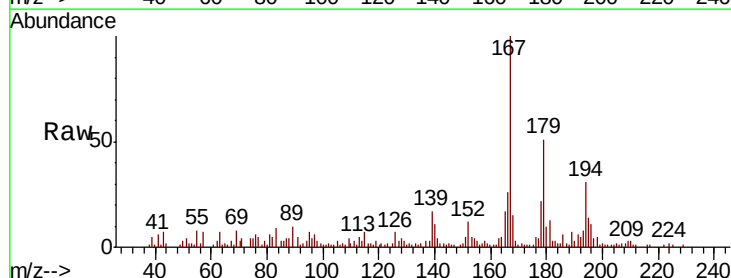
Instrument :
 BNA_F
 ClientSampleId :

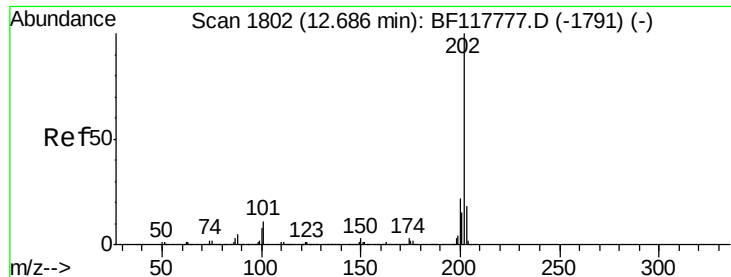
Tot Ion:178 Resp: 303920
 Ion Ratio Lower Upper
 178 100
 176 18.2 16.1 24.1
 179 16.0 13.0 19.4



#73
 Carbazole
 Concen: 2.098 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BF118018.D
 Acq: 26 Nov 2019 20:20

Tgt Ion:167 Resp: 34065
 Ion Ratio Lower Upper
 167 100
 166 26.4 18.0 27.0
 139 16.7 11.7 17.5





#75

Fluoranthene

Concen: 63.622 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.02 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

Instrument :

BNA_F

ClientSampleId :

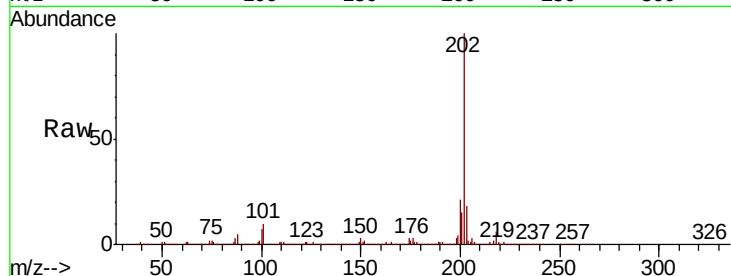
Tot Ion:202 Resp: 1032607

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.1

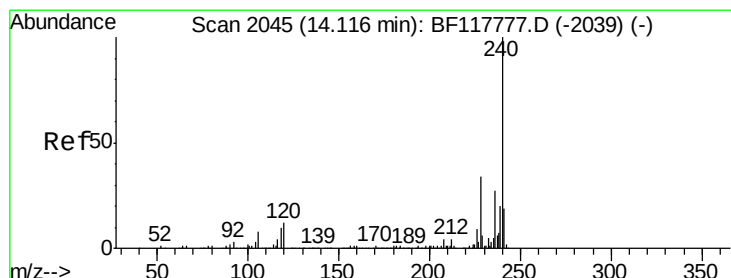
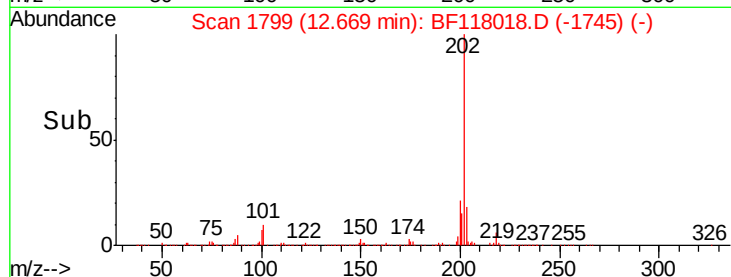
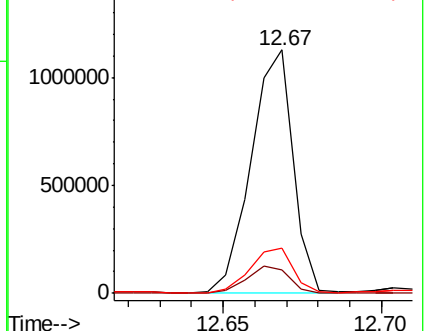
203 18.4 0.0 38.2



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: 14.10 min Scan# 2042

Delta R.T. 0.01 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

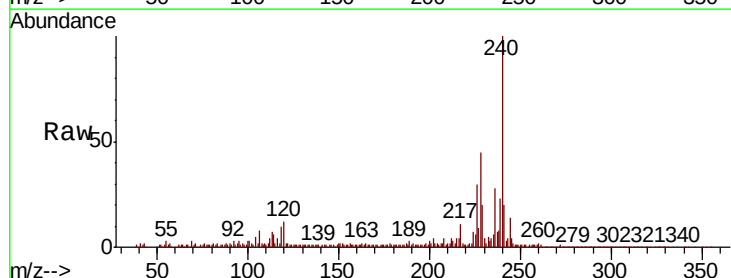
Tgt Ion:240 Resp: 254527

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

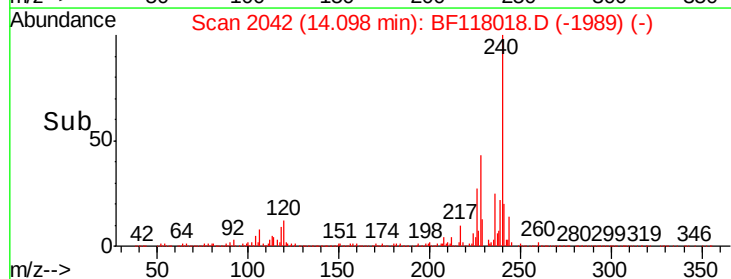
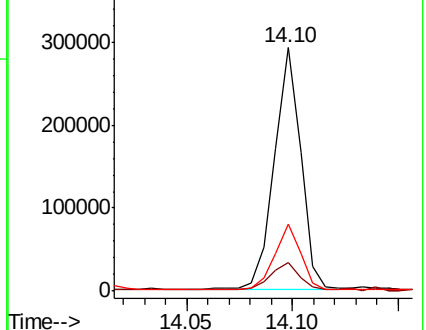
236 27.6 21.3 31.9

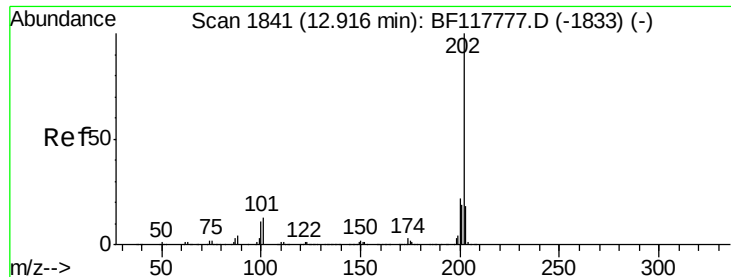


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 72.650 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

Instrument :

BNA_F

ClientSampleId :

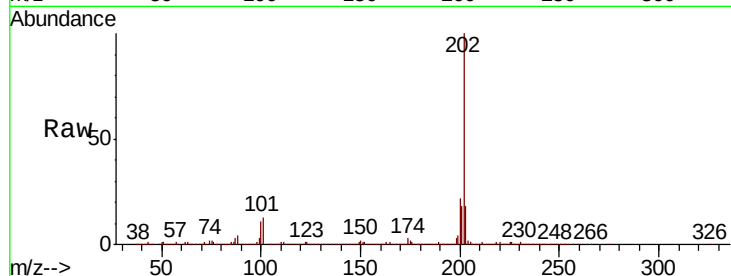
Tot Ion:202 Resp: 1494391

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.8

203 18.2 14.6 22.0

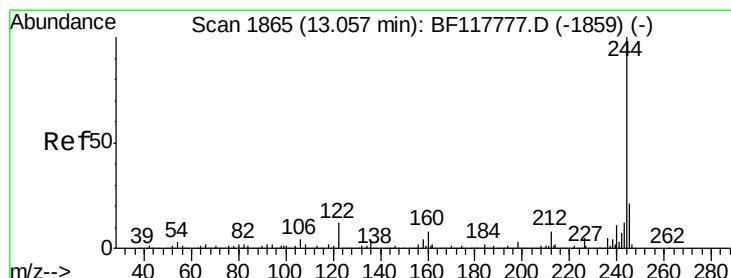
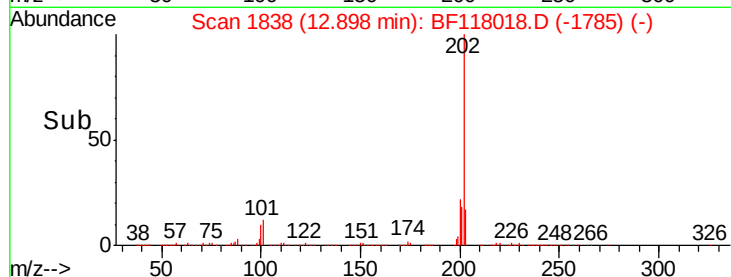
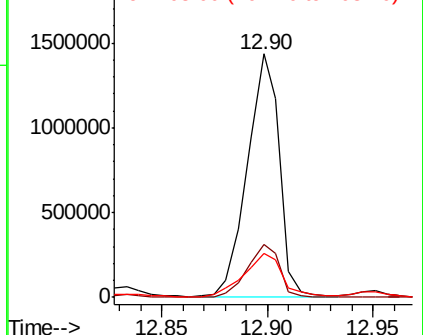


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 25.766 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.01 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

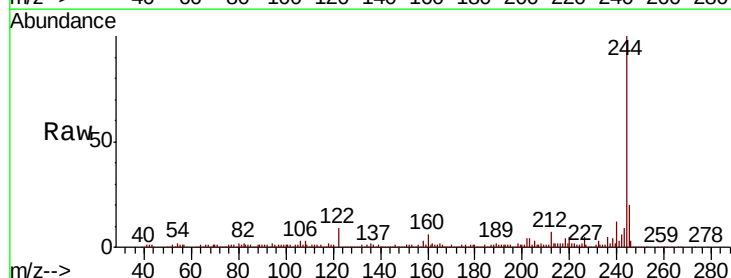
Tgt Ion:244 Resp: 358832

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

122 9.5 9.4 14.2

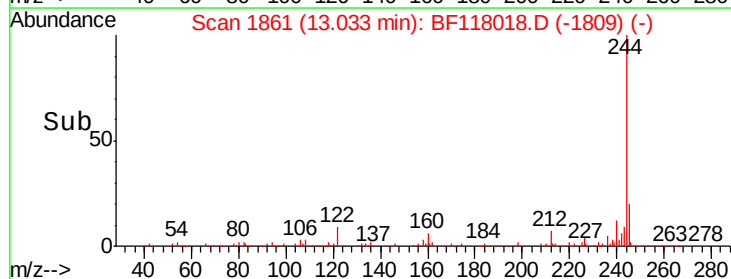
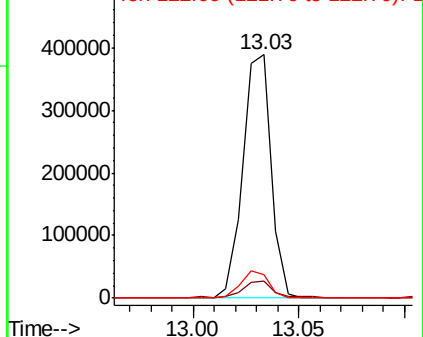


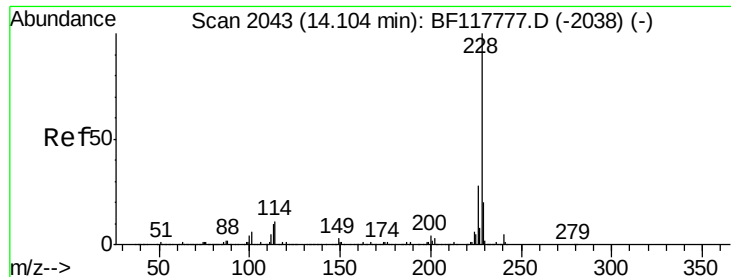
Abundance

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

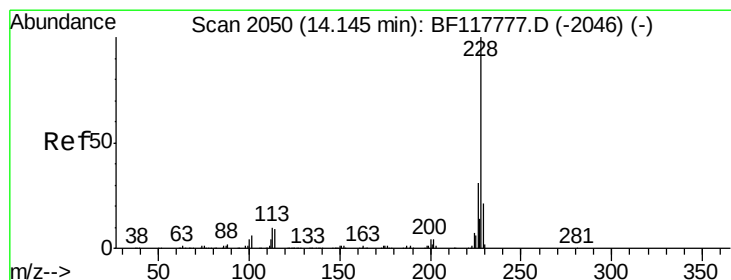
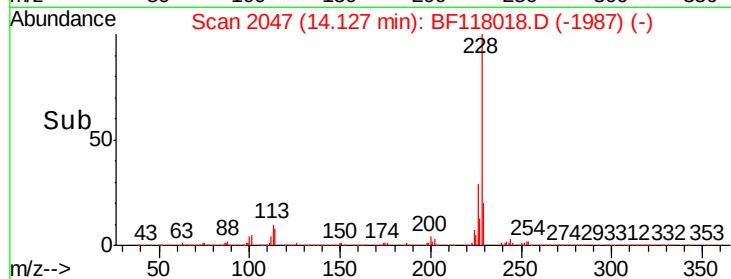
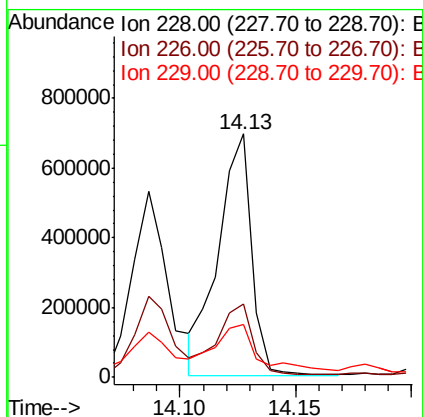
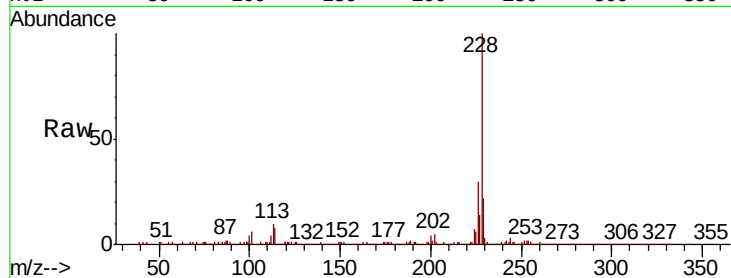




#81
Benzo(a)anthracene
Concen: 41.297 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.05 min
Lab File: BF118018.D
Acq: 26 Nov 2019 20:20

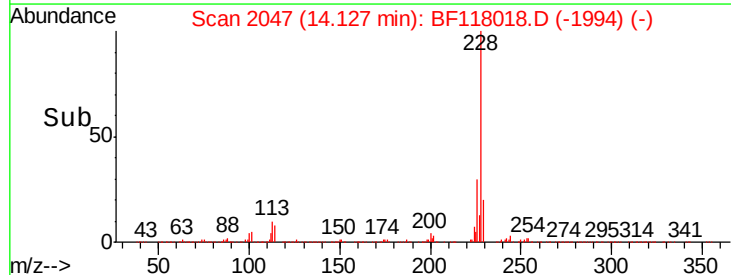
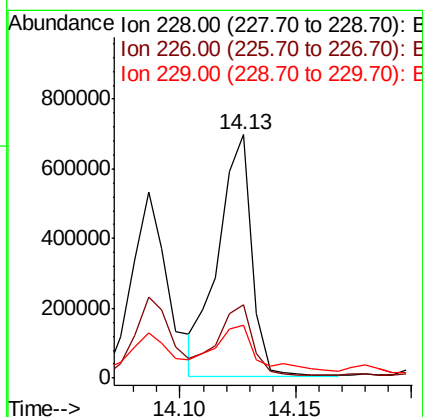
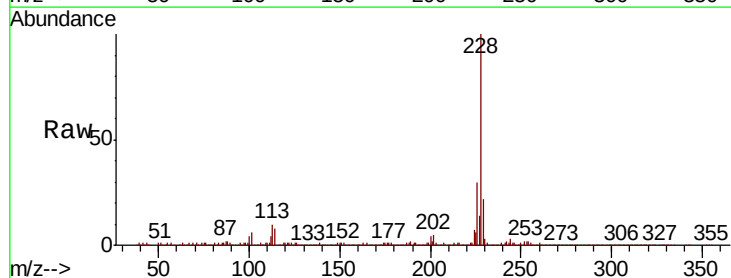
Instrument :
BNA_F
ClientSampled :

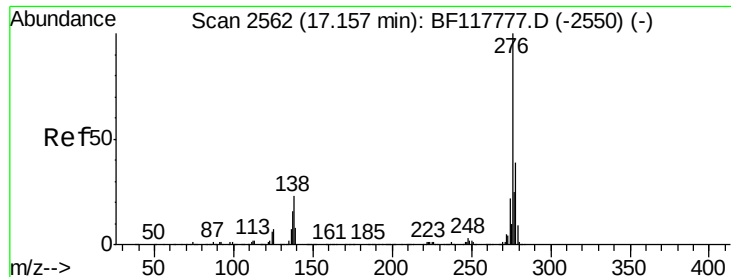
Tot Ion:228 Resp: 694598
Ion Ratio Lower Upper
228 100
226 30.3 22.2 33.2
229 21.9 15.9 23.9



#83
Chrysene
Concen: 42.618 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BF118018.D
Acq: 26 Nov 2019 20:20

Tgt Ion:228 Resp: 694598
Ion Ratio Lower Upper
228 100
226 30.3 25.0 37.4
229 21.9 16.6 25.0





#86

Indeno(1,2,3-cd)pyrene

Concen: 13.880 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.04 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

Instrument :

BNA_F

ClientSampleId :

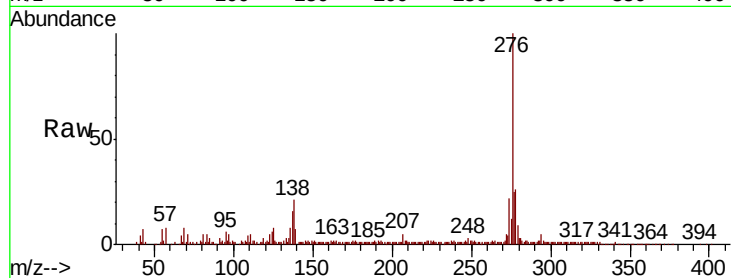
Tot Ion:276 Resp: 192540

Ion Ratio Lower Upper

276 100

138 21.4 20.9 31.3

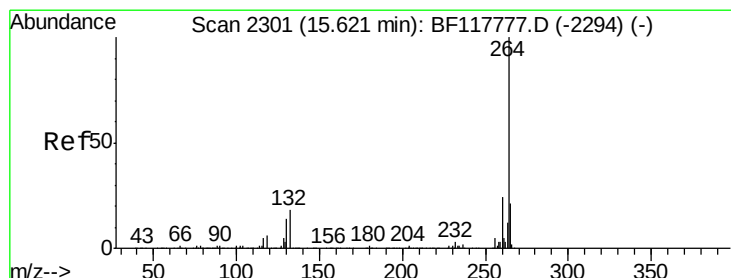
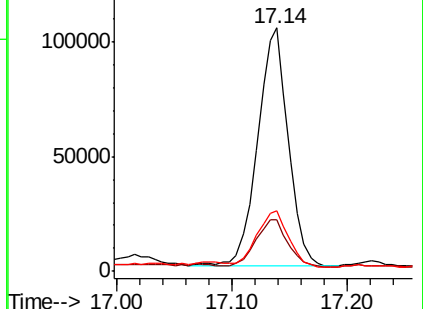
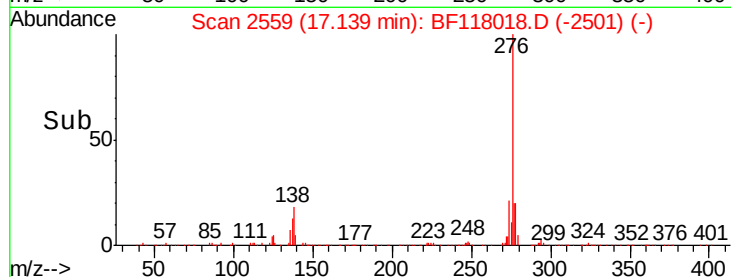
277 25.0 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.02 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

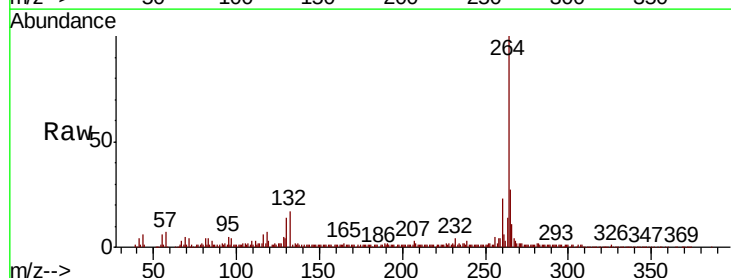
Tgt Ion:264 Resp: 190670

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.0

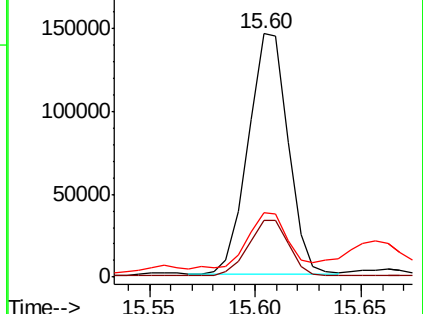
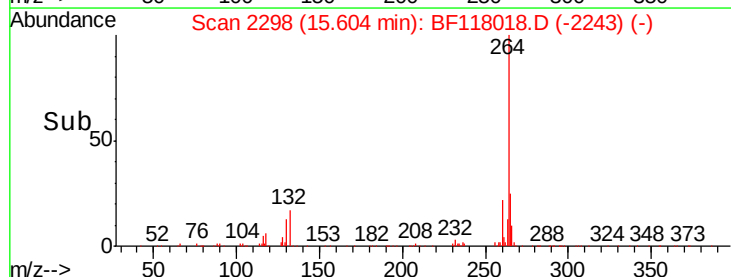
265 26.5 17.1 25.7#

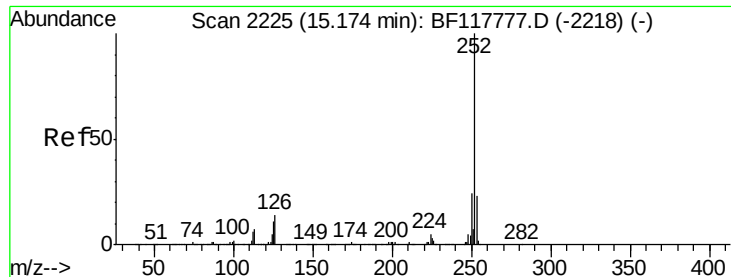


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

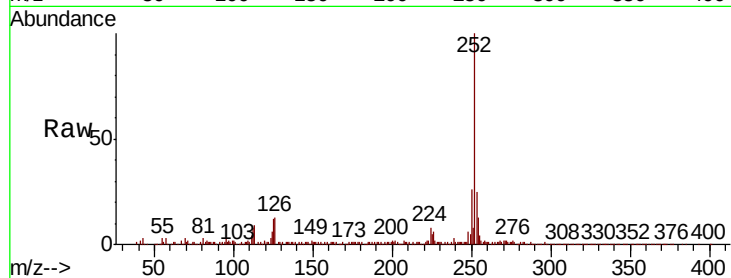




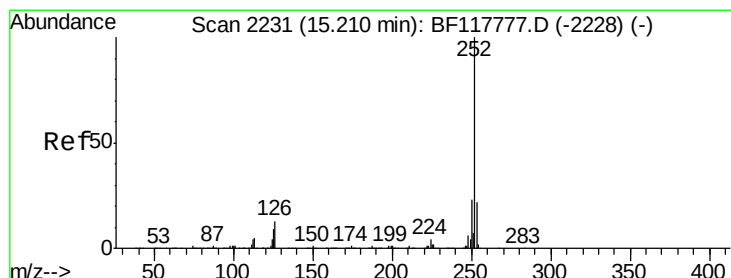
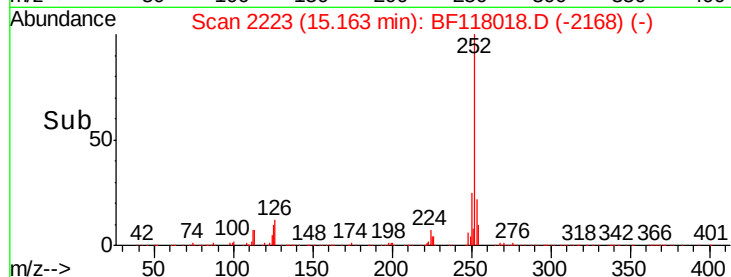
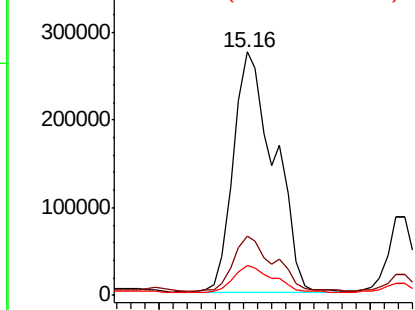
#88
Benzo(b)fluoranthene
Concen: 44.783 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.02 min
Lab File: BF118018.D
Acq: 26 Nov 2019 20:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	12.2	8.6	13.0

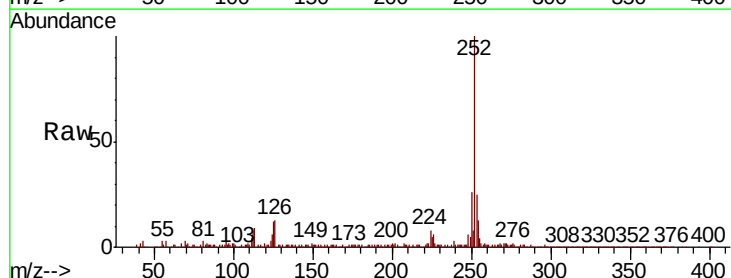


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

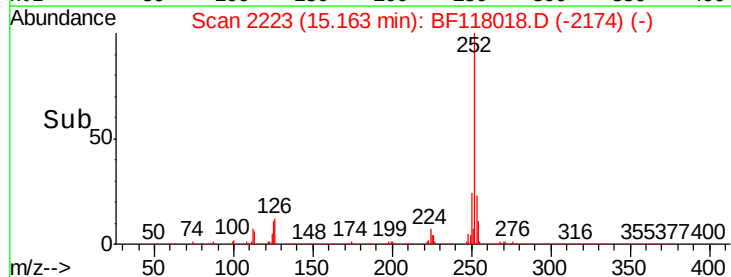
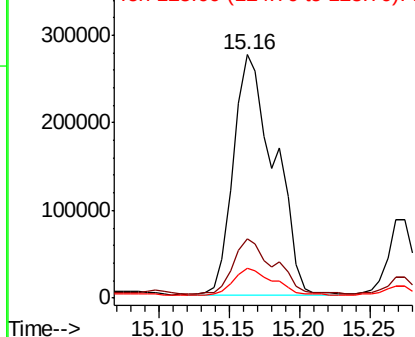


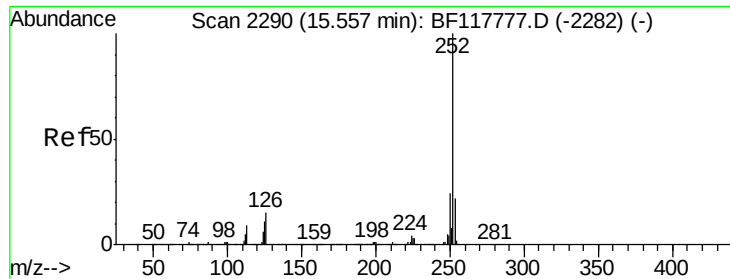
#89
Benzo(k)fluoranthene
Concen: 47.529 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF118018.D
Acq: 26 Nov 2019 20:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	12.2	7.9	11.9#



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





#90

Benzo(a)pyrene

Concen: 34.756 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.02 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

Instrument :

BNA_F

ClientSampleId :

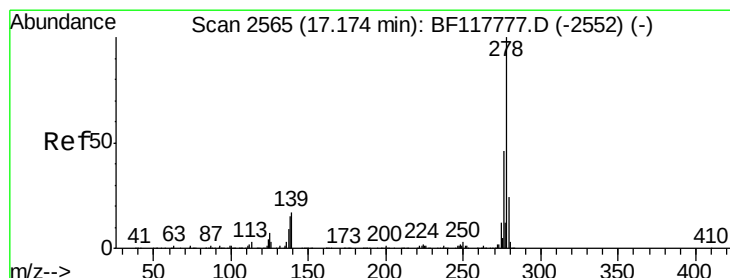
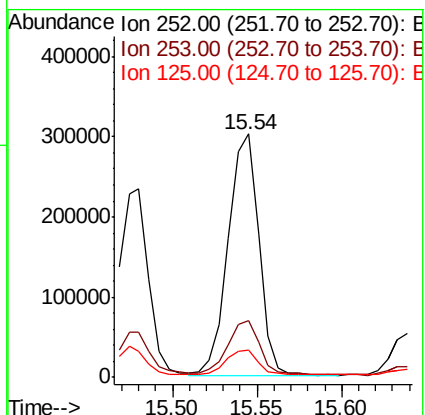
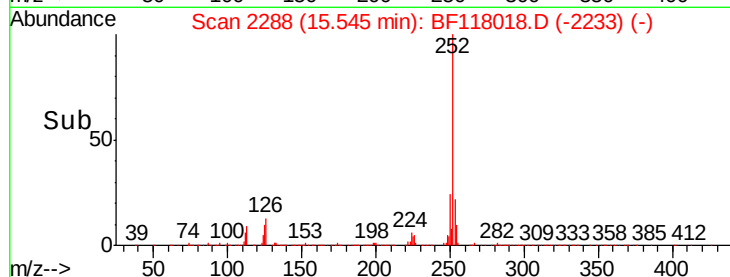
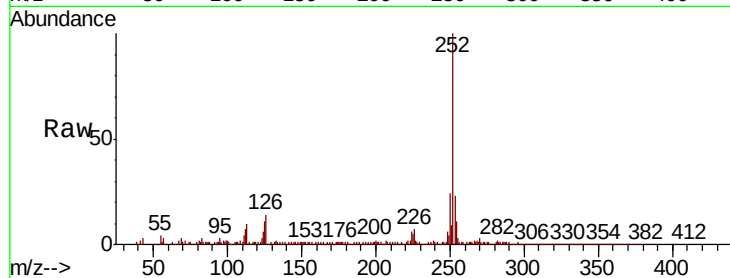
Tot Ion:252 Resp: 378605

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

125 11.1 9.2 13.8



#91

Dibenzo(a,h)anthracene

Concen: 6.048 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.02 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

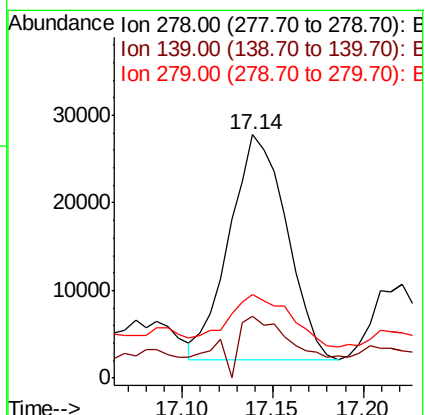
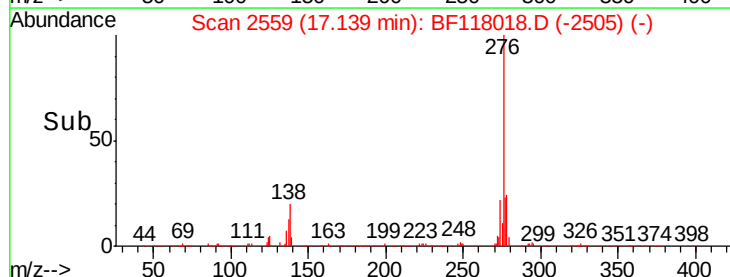
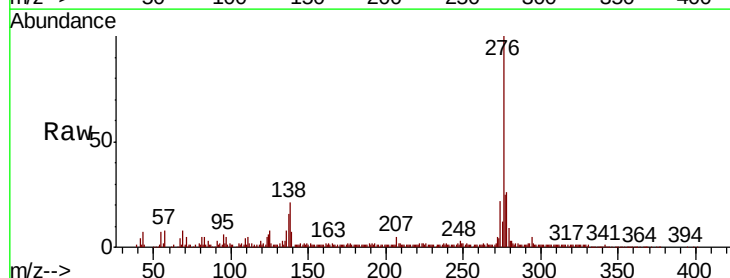
Tgt Ion:278 Resp: 56702

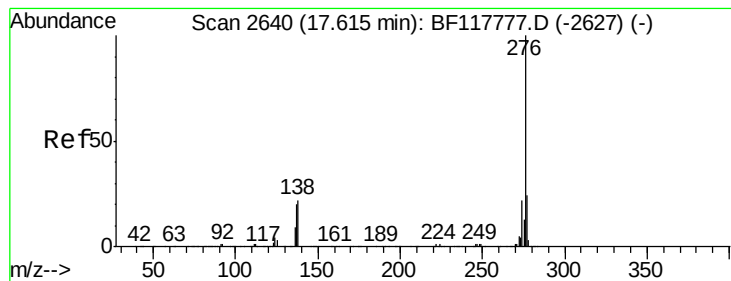
Ion Ratio Lower Upper

278 100

139 25.3 13.8 20.8#

279 34.2 19.6 29.4#





#92

Benzo(a,h,i)perylene

Concen: 22.838 ng

RT: 17.60 min Scan# 2638

Delta R.T. 0.05 min

Lab File: BF118018.D

Acq: 26 Nov 2019 20:20

Instrument :

BNA_F

ClientSampleId :

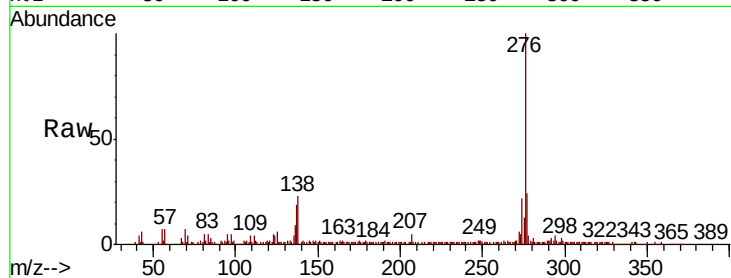
Tot Ion: 276 Resp: 213282

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 22.8 17.4 26.2



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

