

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118877.D
 Acq On : 10 Feb 2020 19:16
 Operator : CG/JU
 Sample : L1470-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-6A-(DUPLICATE)

Quant Time: Feb 11 00:17:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	204965	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	999345	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	455105	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	897962	20.00	ng	0.00
76) Chrysene-d12	13.97	240	629390	20.00	ng	0.00
87) Perylene-d12	15.42	264	855811	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1055901	97.52	ng	0.00
7) Phenol-d6	6.45	99	1269461	94.44	ng	0.00
23) Nitrobenzene-d5	7.37	82	1071712	63.92	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	538075	98.81	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1794240	70.48	ng	-0.01
79) Terphenyl-d14	12.92	244	2275348	74.26	ng	-0.01

Target Compounds

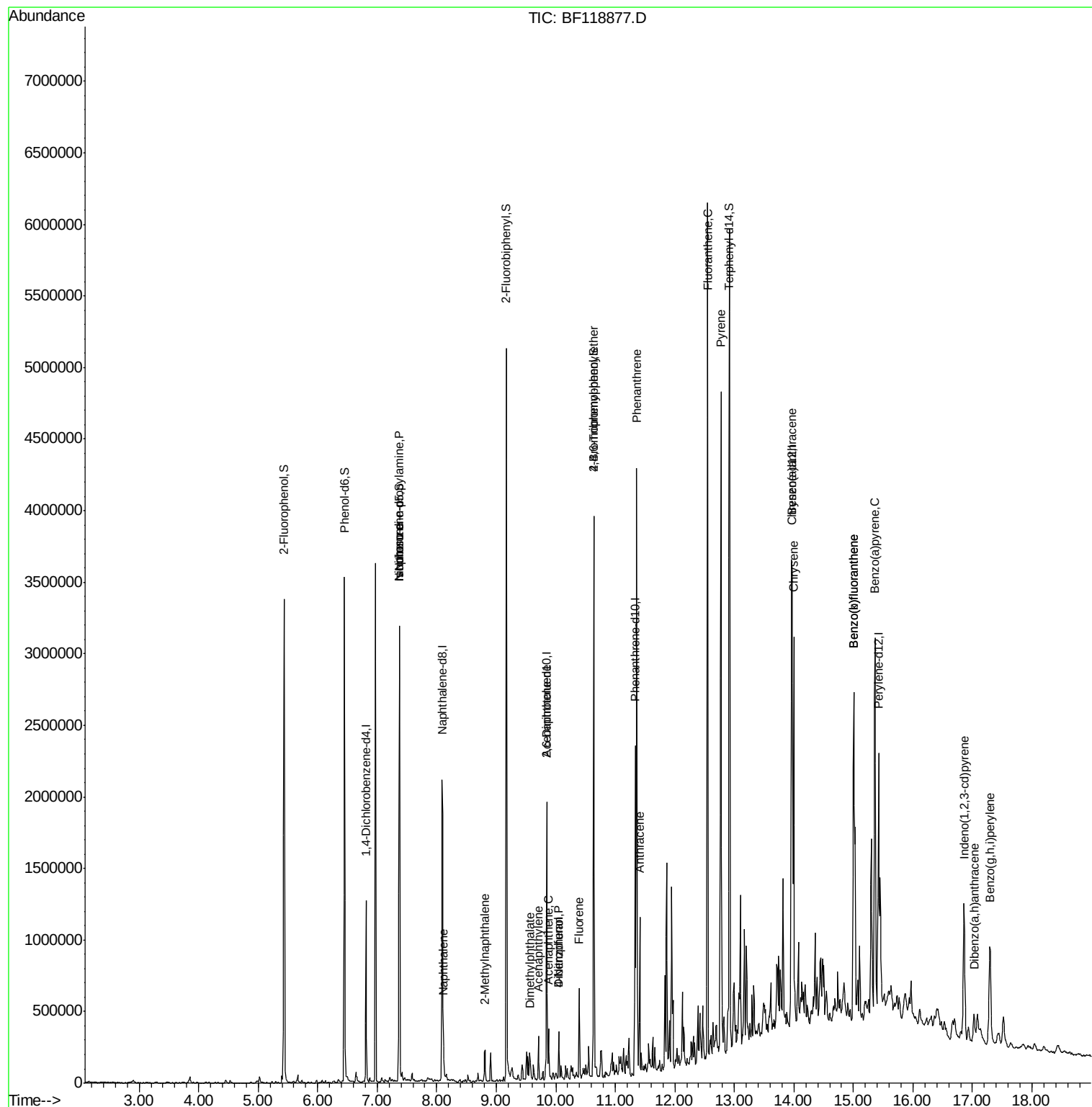
						Qvalue
9) Benzaldehyde	6.36	77	1641	Below Cal	#	85
19) n-Nitroso-di-n-propylamine	7.37	70	144373	17.555 ng	#	76
25) Isophorone	7.37	82	1068722	35.468 ng	#	63
31) Naphthalene	8.12	128	97655	2.137 ng		98
37) 2-Methylnaphthalene	8.81	142	68546	2.162 ng		96
49) Acenaphthylene	9.71	152	117171	3.101 ng		99
50) Dimethylphthalate	9.56	163	69765	2.251 ng		98
51) 2,6-Dinitrotoluene	9.85	165	62936	8.876 ng	#	31
52) Acenaphthene	9.88	154	72991	2.931 ng		97
55) Dibenzofuran	10.05	168	100197	2.784 ng		94
56) 4-Nitrophenol	10.05	139	35641	6.263 ng	#	12
58) Fluorene	10.39	166	171829	6.347 ng		97
67) 4-Bromophenyl-phenylether	10.64	248	34535	3.251 ng	#	1
71) Phenanthrene	11.36	178	1648352	37.309 ng		99
72) Anthracene	11.41	178	447203	10.175 ng		97
75) Fluoranthene	12.55	202	2502885	51.886 ng		99
78) Pyrene	12.78	202	2161718	50.066 ng		99
81) Benzo(a)anthracene	13.96	228	1209323	32.290 ng		98
83) Chrysene	14.00	228	966104	25.702 ng		97
86) Indeno(1,2,3-cd)pyrene	16.86	276	706804	18.715 ng		94
88) Benzo(b)fluoranthene	15.00	252	1822217	34.314 ng		99
89) Benzo(k)fluoranthene	15.00	252	1822217	39.405 ng	#	98
90) Benzo(a)pyrene	15.36	252	1276148	28.080 ng		98
91) Dibenz(a,h)anthracene	17.03	278	146700	3.636 ng		97
92) Benzo(g,h,i)perylene	17.29	276	616462	15.888 ng		99

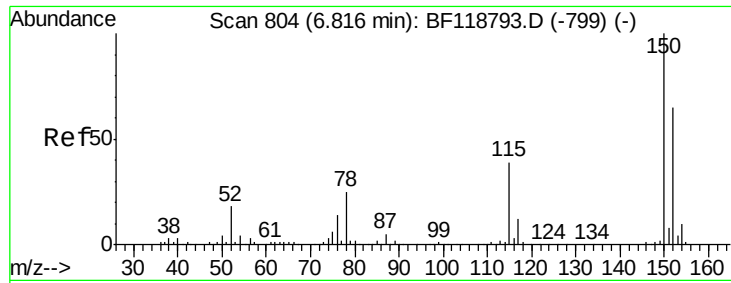
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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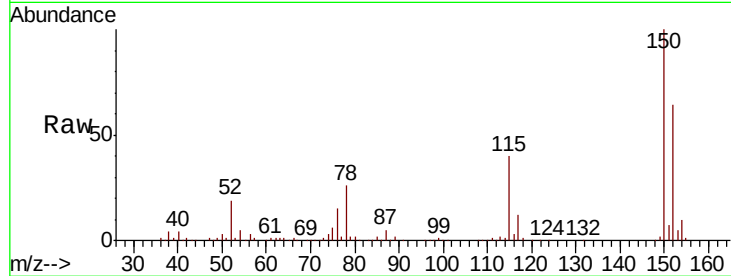


#1

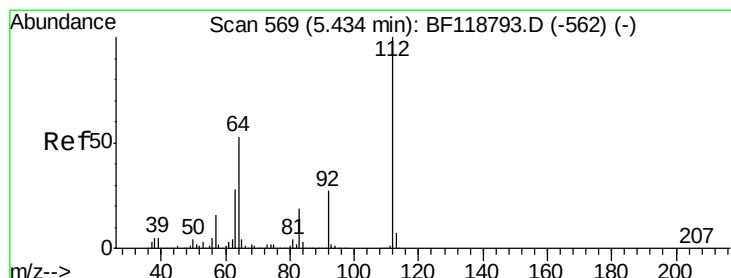
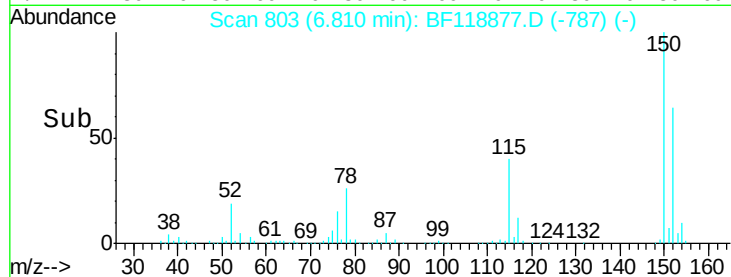
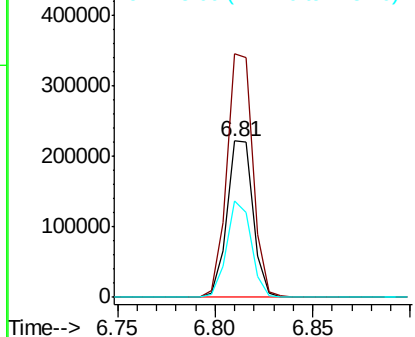
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.6	185.4
115	61.8	48.2	72.2



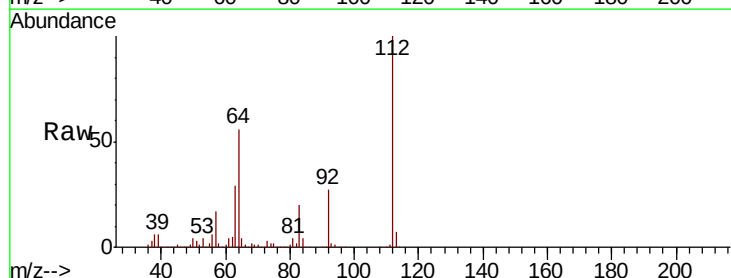
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



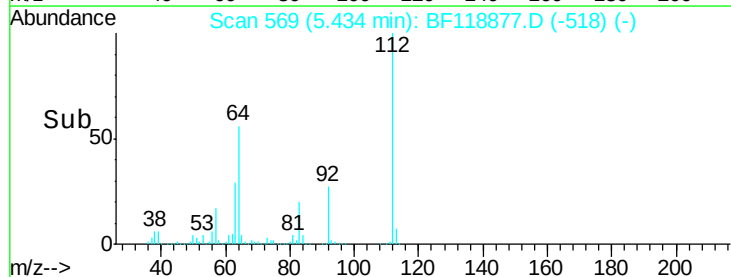
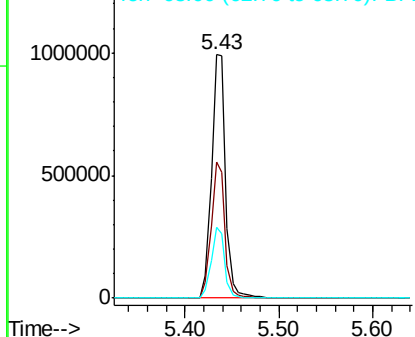
#5

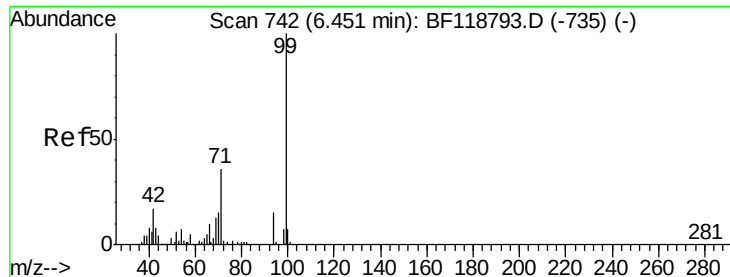
2-Fluorophenol
Concen: 97.516 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	42.6	63.8
63	29.1	22.2	33.4



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: 94.445 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

Instrument :

BNA_F

ClientSampleId :

PE-6A-(DUPLICATE)

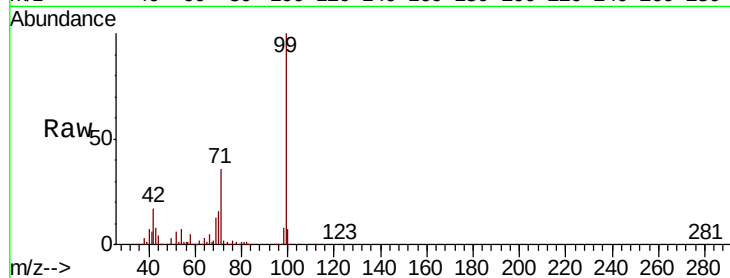
Tot Ion: 99 Resp: 1269461

Ion Ratio Lower Upper

99 100

42 16.7 13.4 20.0

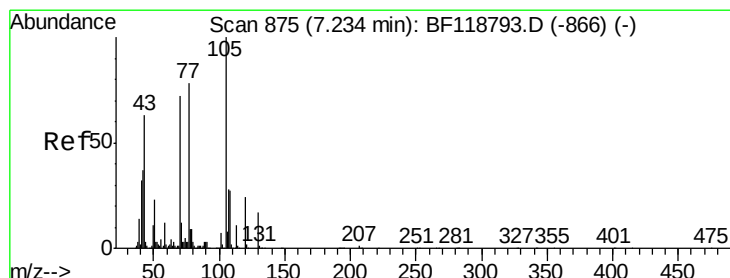
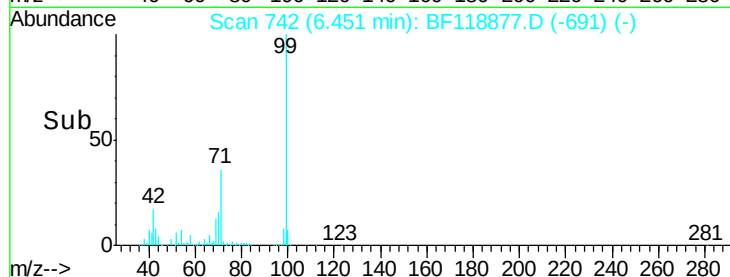
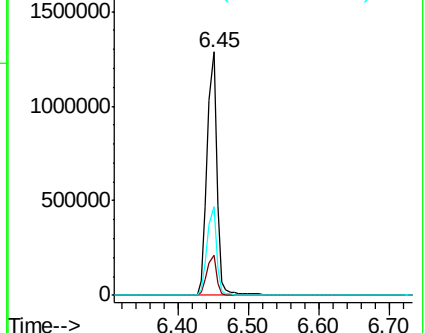
71 36.4 29.0 43.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 17.555 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

Tgt Ion: 70 Resp: 144373

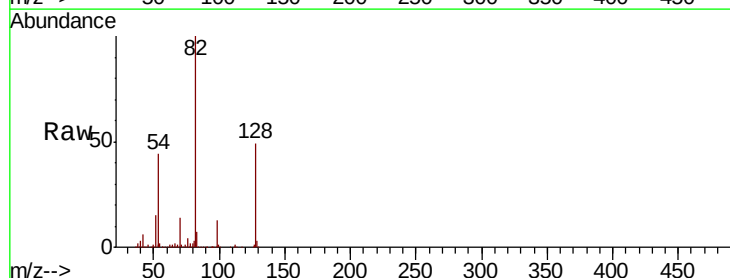
Ion Ratio Lower Upper

70 100

42 41.9 41.5 62.3

101 0.0 8.3 12.5#

130 2.1 19.2 28.8#

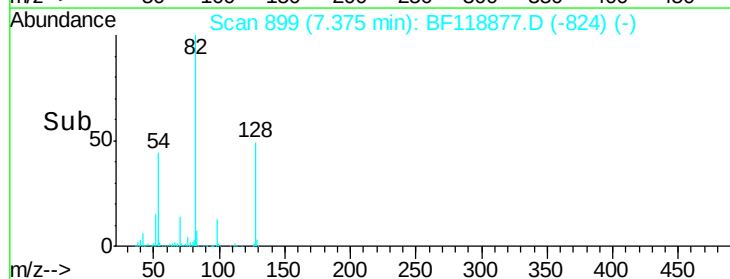
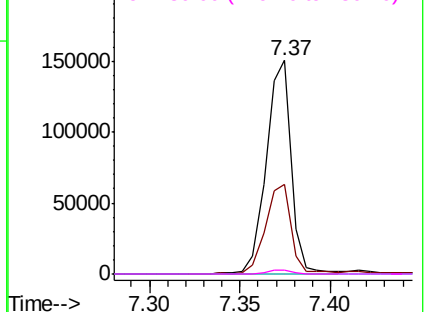


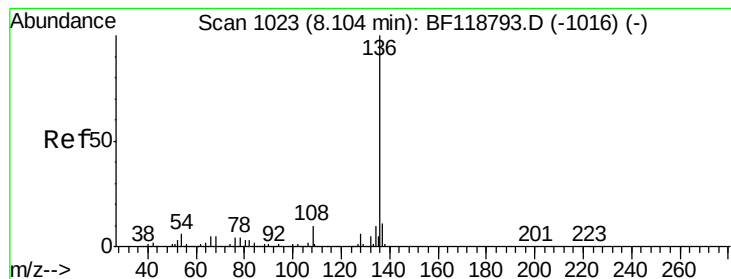
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

Instrument :

BNA_F

ClientSampleId :

PE-6A-(DUPLICATE)

Tot Ion:136 Resp: 999345

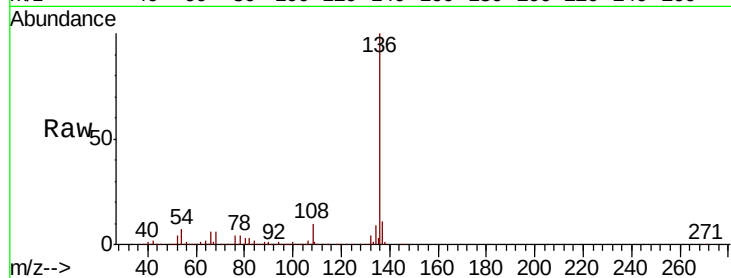
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.3 5.0 7.6

68 6.1 4.2 6.4

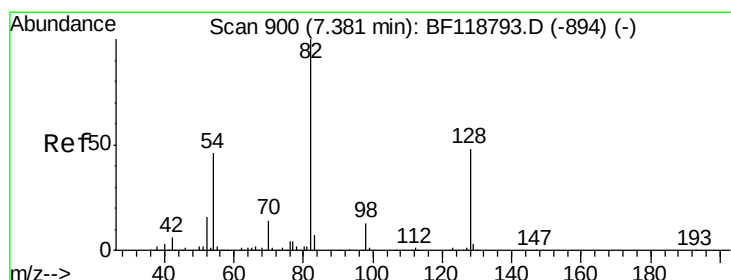
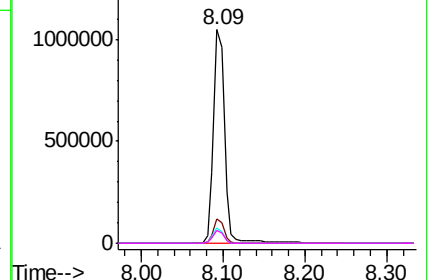
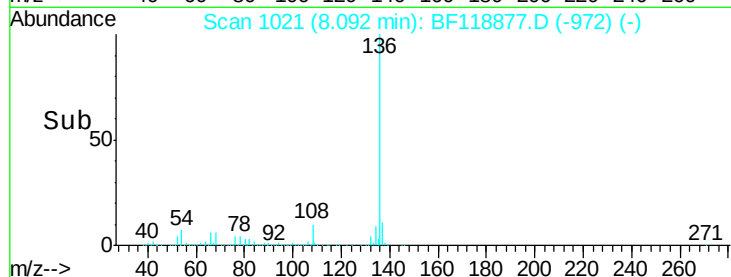


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.921 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

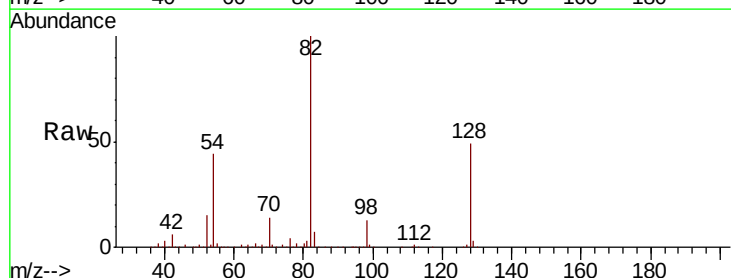
Tgt Ion: 82 Resp: 1071712

Ion Ratio Lower Upper

82 100

128 49.5 38.5 57.7

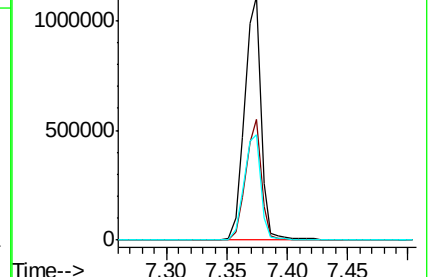
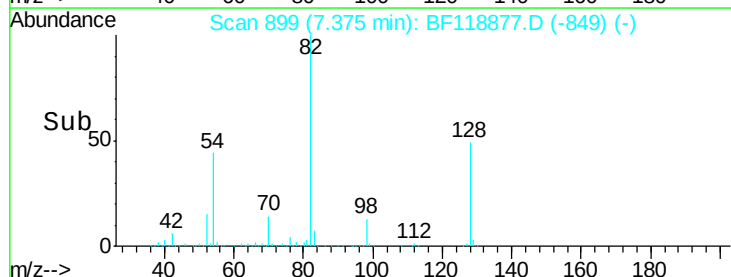
54 43.5 36.7 55.1

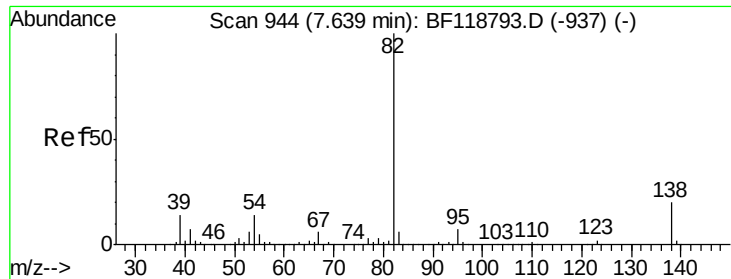


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.468 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

Instrument :

BNA_F

ClientSampleId :

PE-6A-(DUPLICATE)

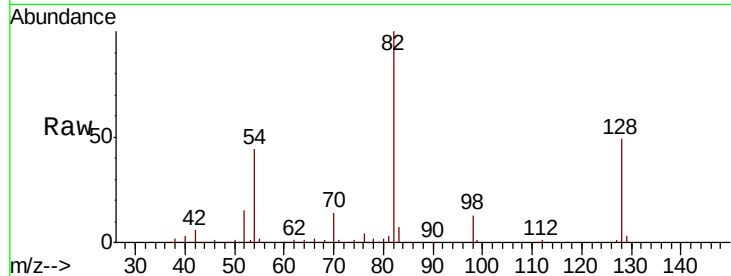
Tot Ion: 82 Resp: 1068722

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

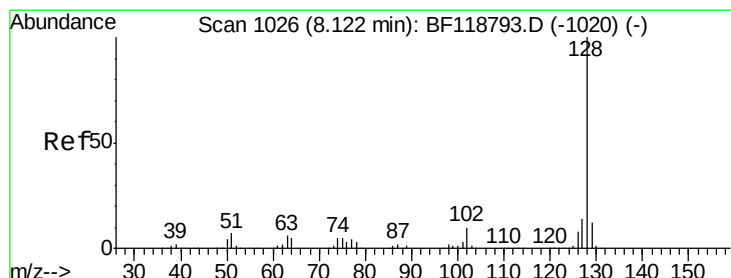
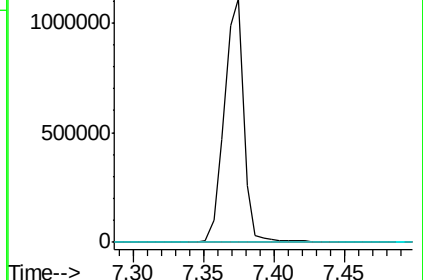
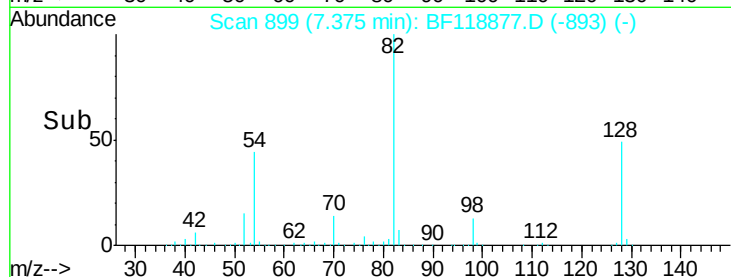
138 0.0 15.7 23.5#



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



#31

Naphthalene

Concen: 2.137 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

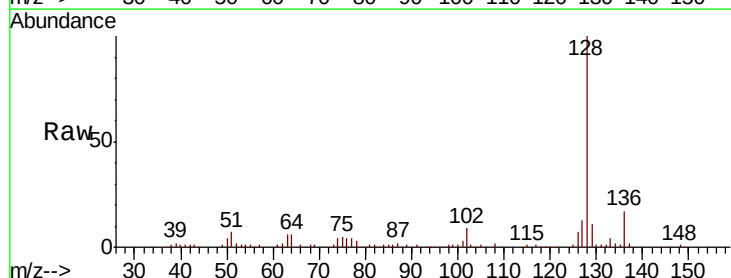
Tgt Ion: 128 Resp: 97655

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

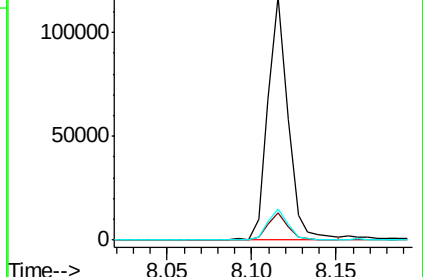
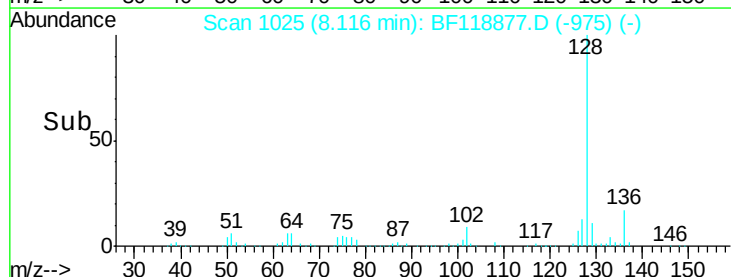
127 13.0 11.3 16.9

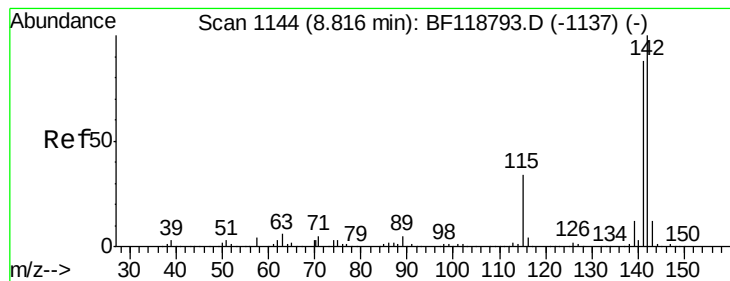


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1





#37

2-Methylnaphthalene

Concen: 2.162 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF118877.D

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BNA_F

ClientSampleId :

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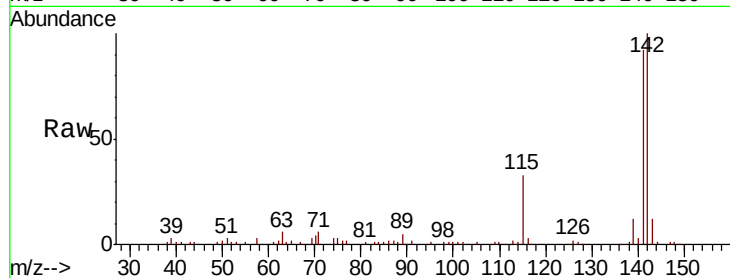
Tot Ion:142 Resp: 68546

Ion Ratio Lower Upper

142 100

141 92.3 70.1 105.1

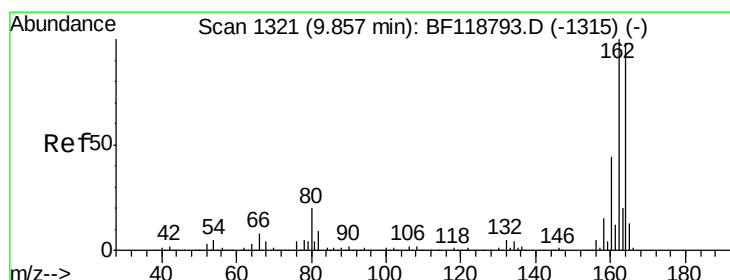
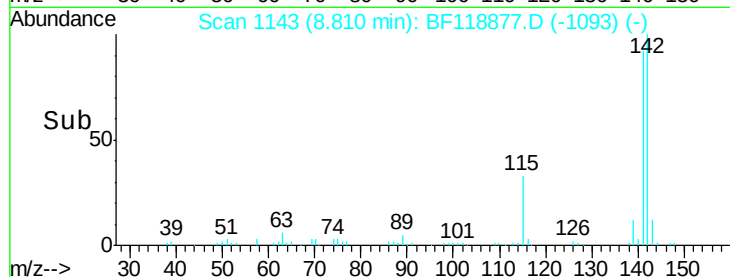
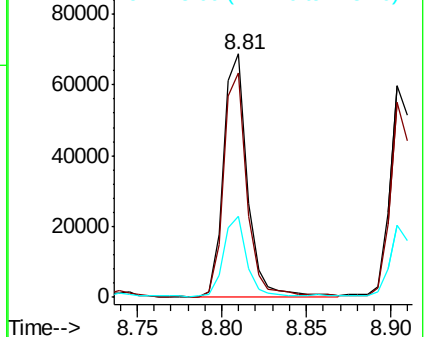
115 33.4 27.3 40.9



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

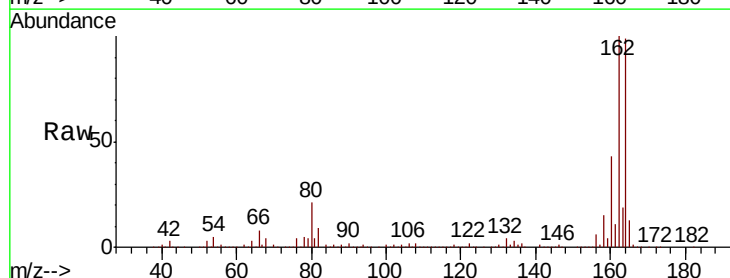
Tgt Ion:164 Resp: 455105

Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.2

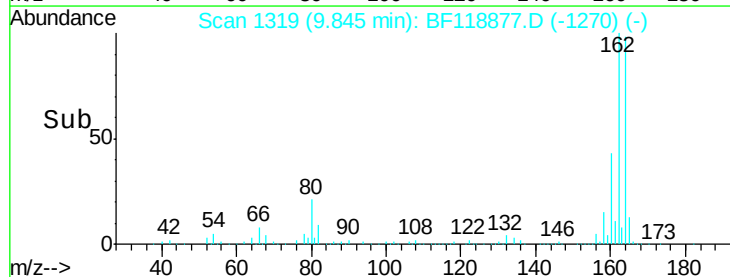
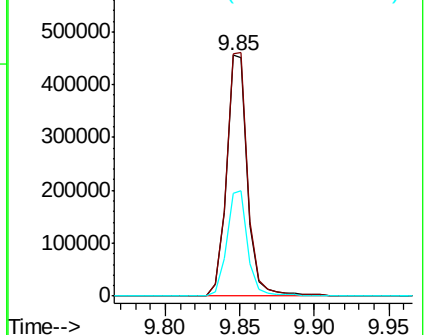
160 42.8 35.6 53.4

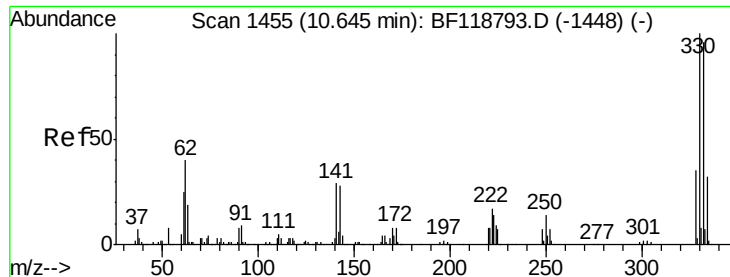


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 98.812 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

Instrument :

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ClientSampleId :

PE-6A-(DUPLICATE)

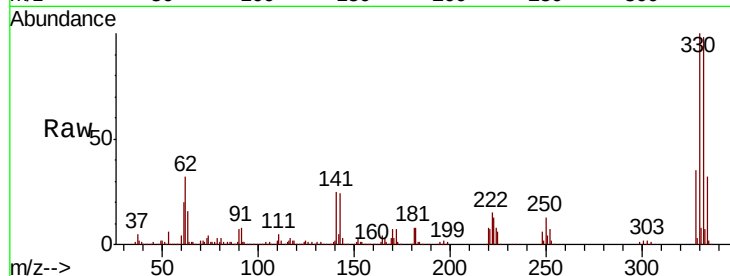
Tot Ion:330 Resp: 538075

Ion Ratio Lower Upper

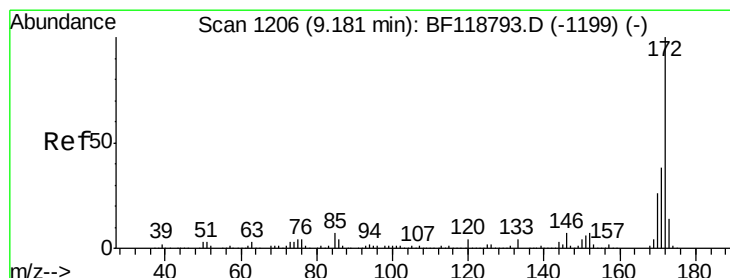
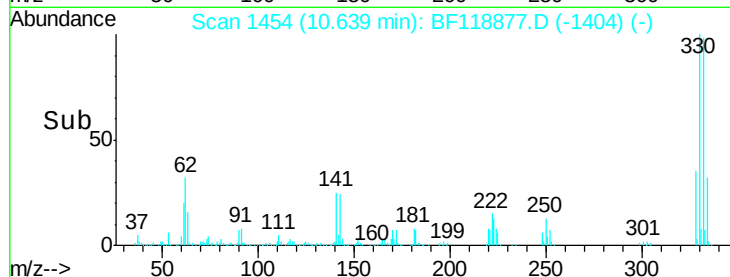
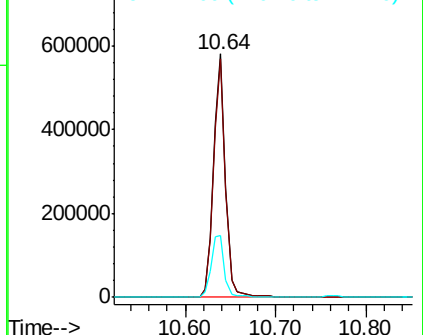
330 100

332 97.6 77.3 115.9

141 27.9 22.4 33.6



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: 70.479 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

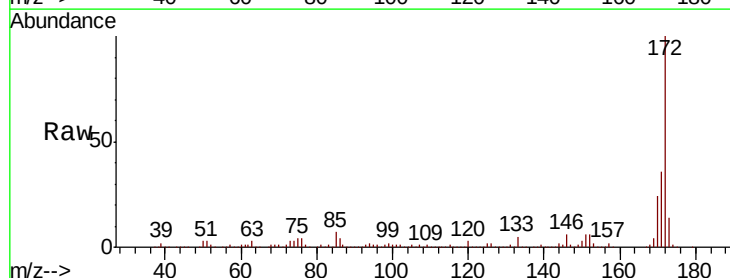
Tgt Ion:172 Resp: 1794240

Ion Ratio Lower Upper

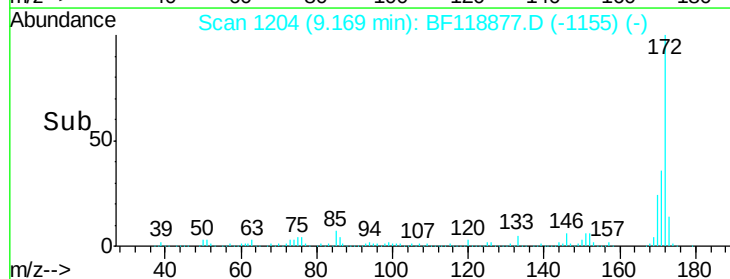
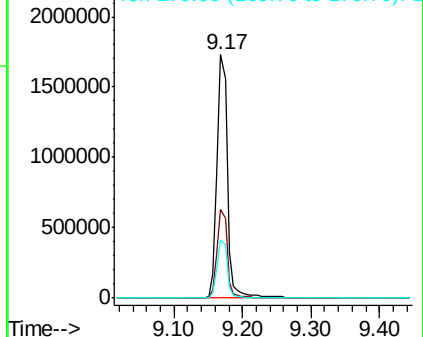
172 100

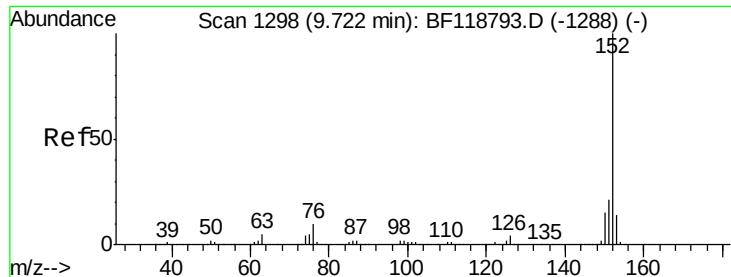
171 36.5 30.8 46.2

170 23.9 20.5 30.7



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: 3.101 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

Instrument :

BNA_F

ClientSampleId :

PE-6A-(DUPLICATE)

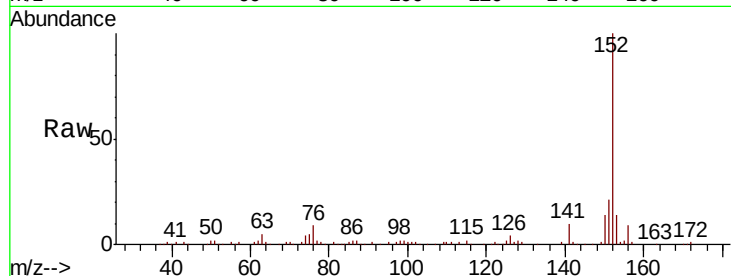
Tot Ion:152 Resp: 117171

Ion Ratio Lower Upper

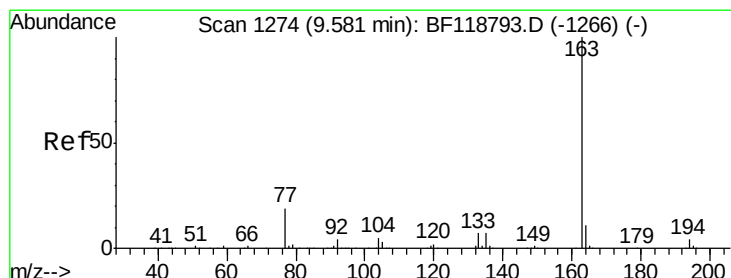
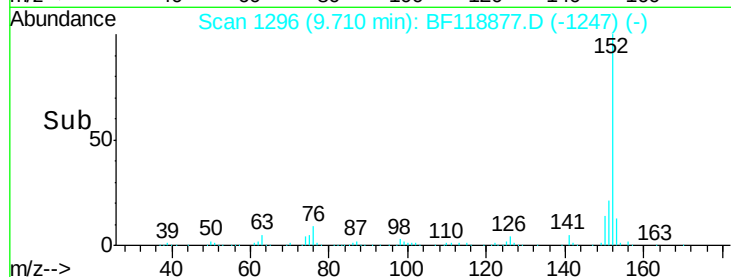
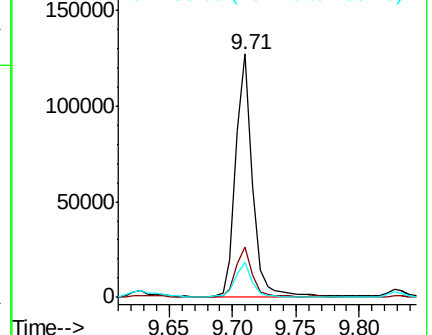
152 100

151 20.9 17.1 25.7

153 14.3 11.0 16.4



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: 2.251 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

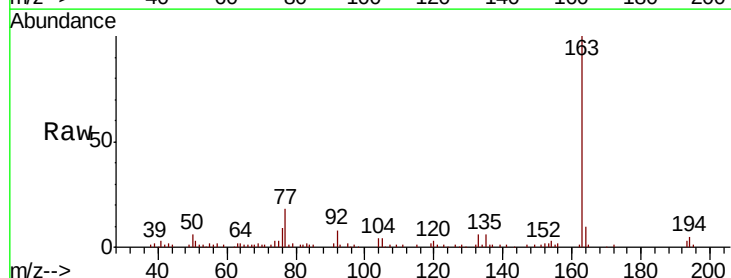
Tgt Ion:163 Resp: 69765

Ion Ratio Lower Upper

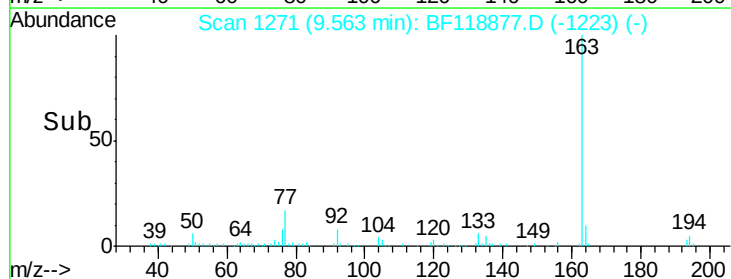
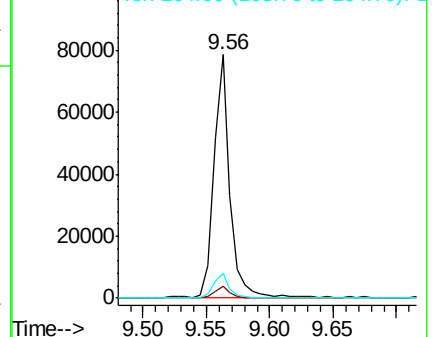
163 100

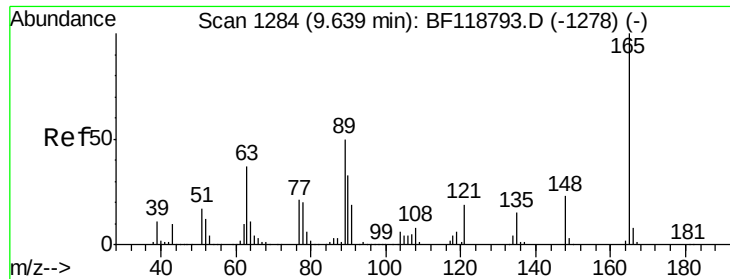
194 4.9 3.6 5.4

164 10.1 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

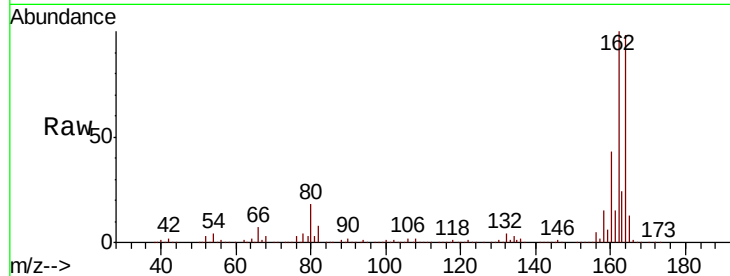




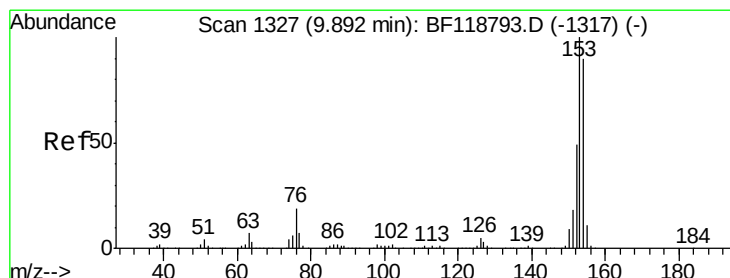
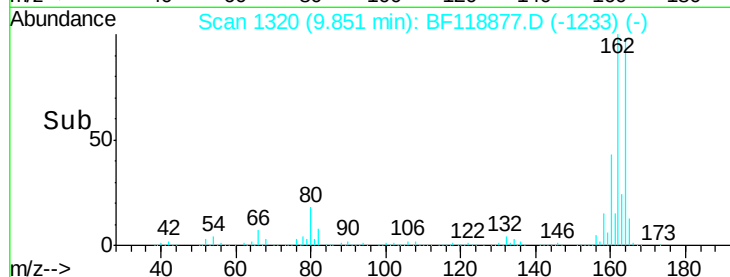
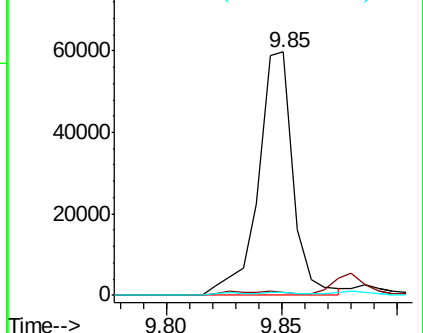
#51
 2,6-Dinitrotoluene
 Concen: 8.876 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.21 min
 Lab File: BF118877.D
 Acq: 10 Feb 2020 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PE-6A-(DUPLICATE)

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	37.4	56.0#
89	1.4	39.7	59.5#

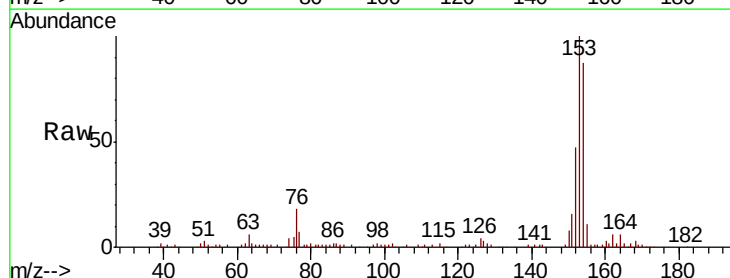


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

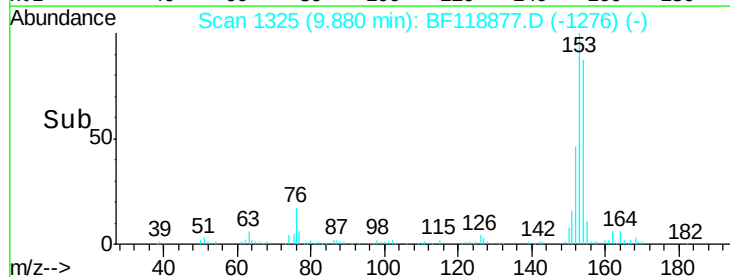
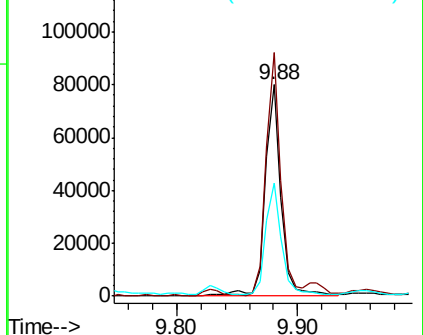


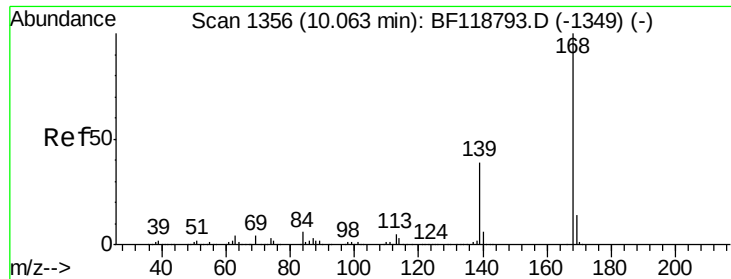
#52
 Acenaphthene
 Concen: 2.931 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF118877.D
 Acq: 10 Feb 2020 19:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.3	89.4	134.0
152	53.7	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

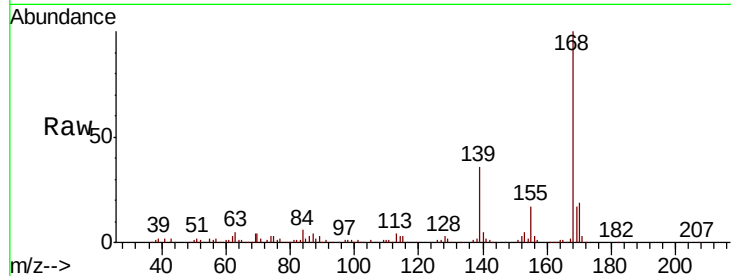




#55
Dibenzofuran
Concen: 2.784 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	31.6	47.4
169	16.5	11.4	17.2

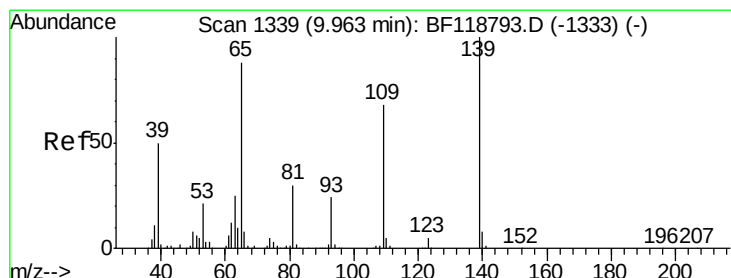
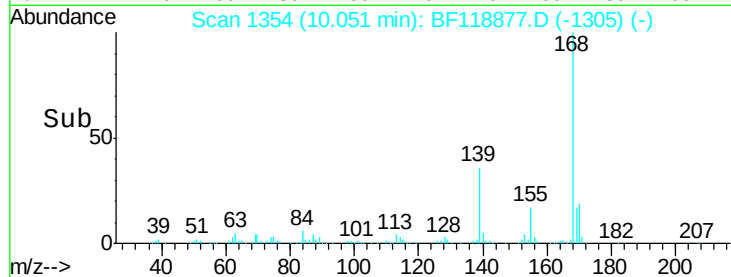
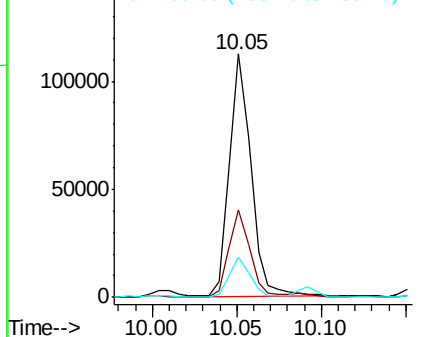


Abundance

Ion 168.00 (167.70 to 168.70): E

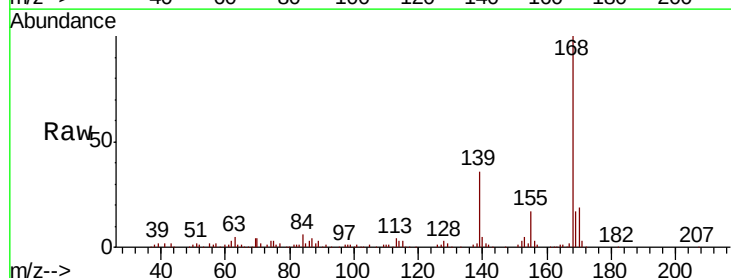
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 6.263 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.09 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	1.6	48.0	88.0#
65	2.5	68.3	108.3#

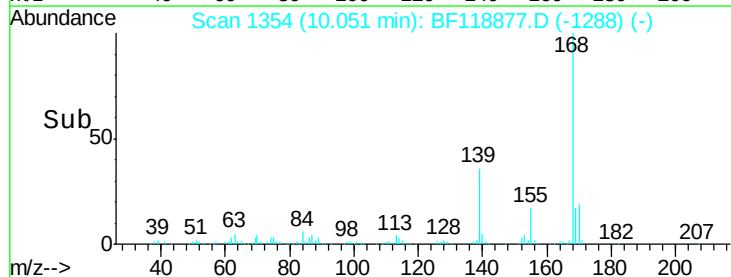
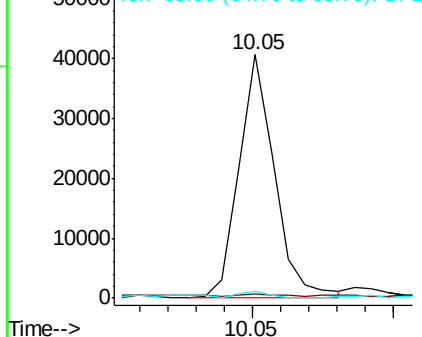


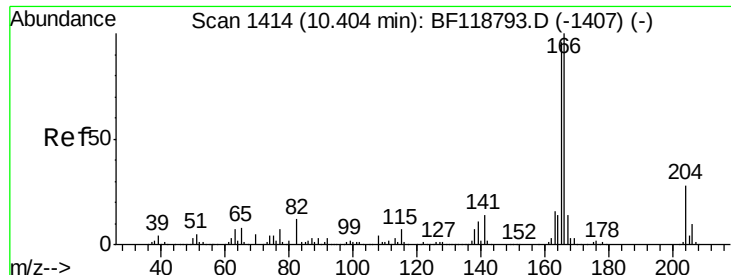
Abundance

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

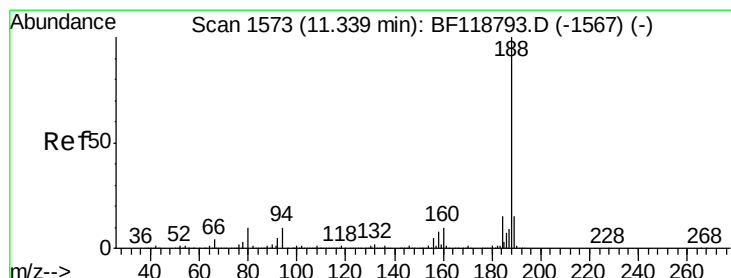
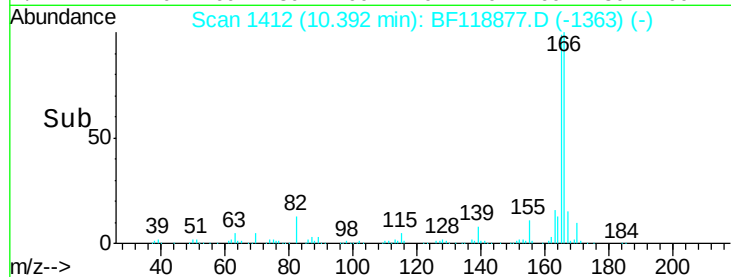
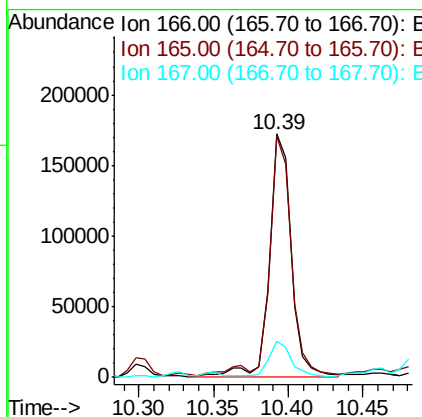
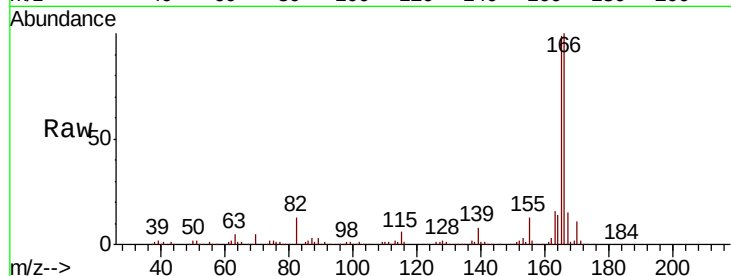




#58
 Fluorene
 Concen: 6.347 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF118877.D
 Acq: 10 Feb 2020 19:16

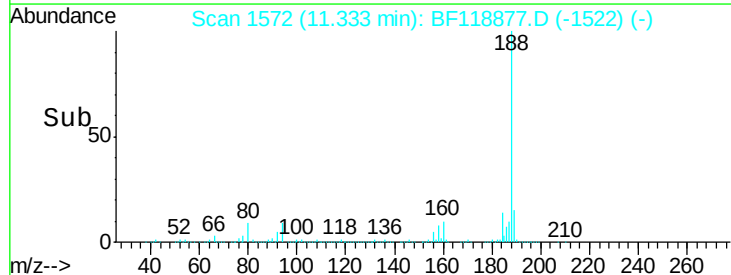
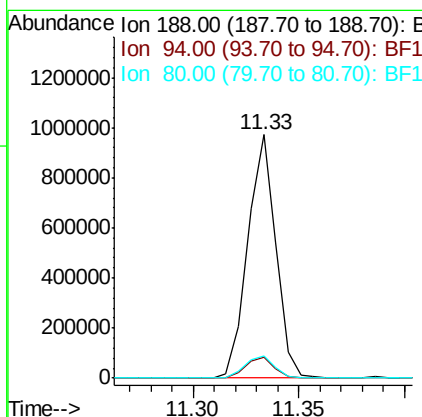
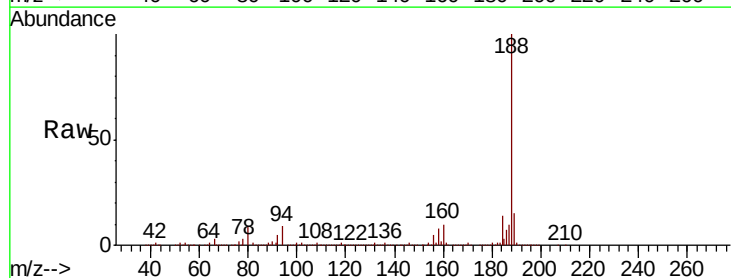
Instrument :
 BNA_F
 ClientSampleId :
 PE-6A-(DUPLICATE)

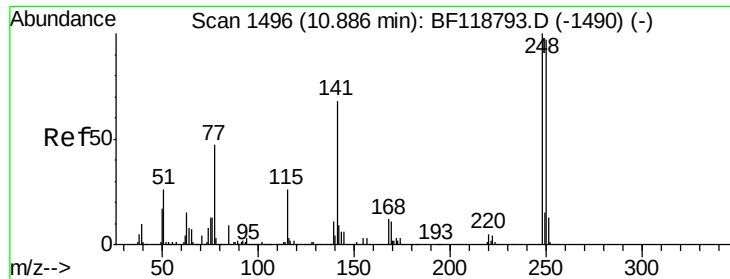
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.0	115.6
167	15.1	11.1	16.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF118877.D
 Acq: 10 Feb 2020 19:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.0	8.4	12.6

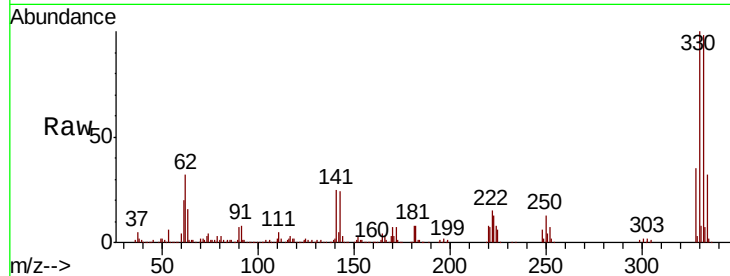




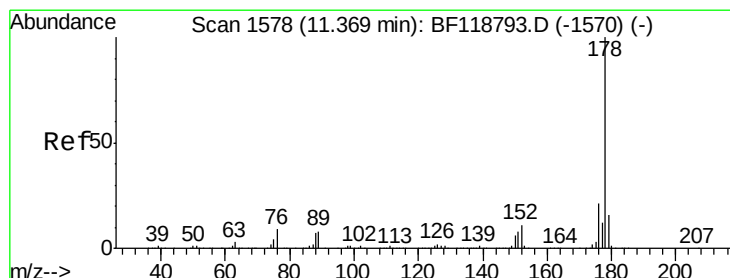
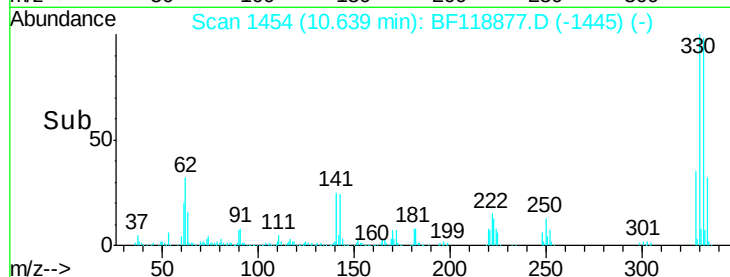
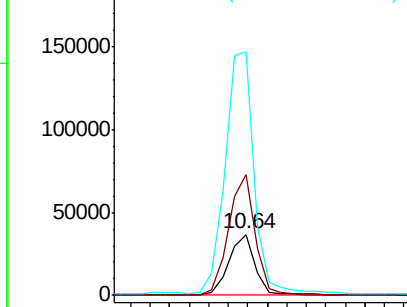
#67
 4-Bromophenyl-phenylether
 Concen: 3.251 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.25 min
 Lab File: BF118877.D
 Acq: 10 Feb 2020 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PE-6A-(DUPLICATE)

Tot Ion:248 Resp: 34535
 Ion Ratio Lower Upper
 248 100
 250 198.1 77.6 116.4#
 141 398.2 54.4 81.6#

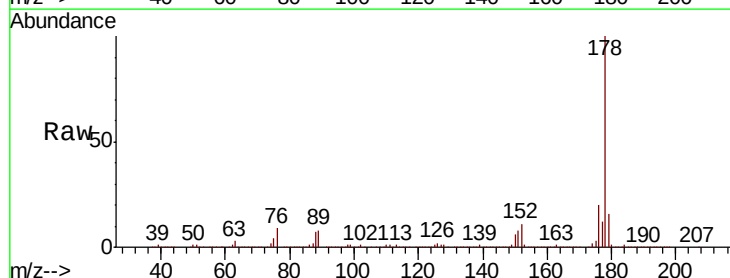


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

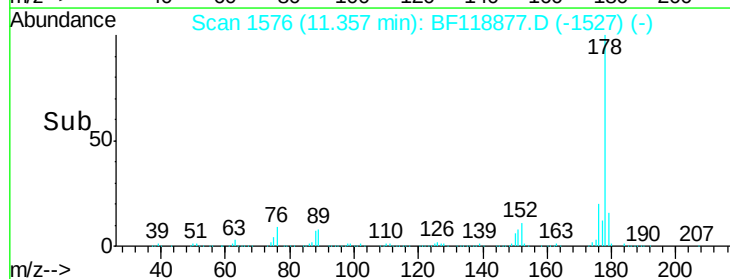
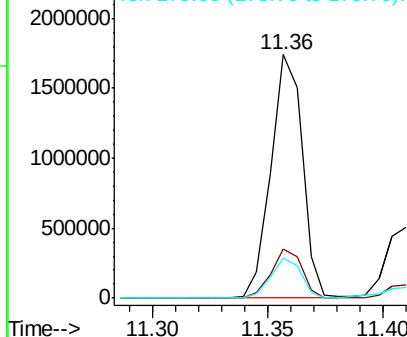


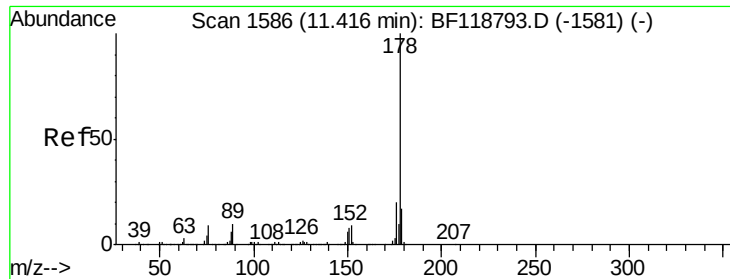
#71
 Phenanthrene
 Concen: 37.309 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF118877.D
 Acq: 10 Feb 2020 19:16

Tgt Ion:178 Resp: 1648352
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 24.8
 179 16.4 13.2 19.8



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

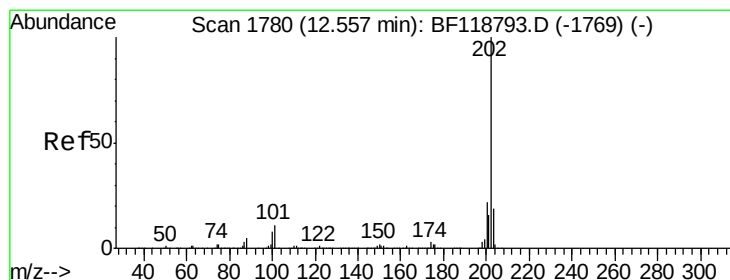
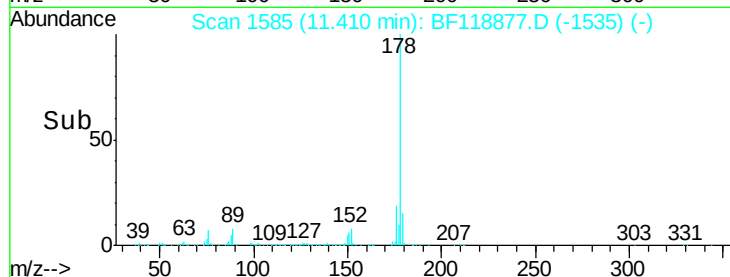
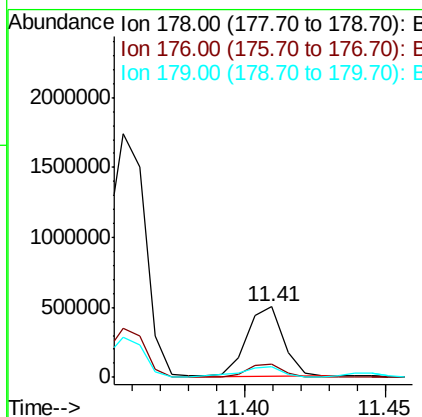
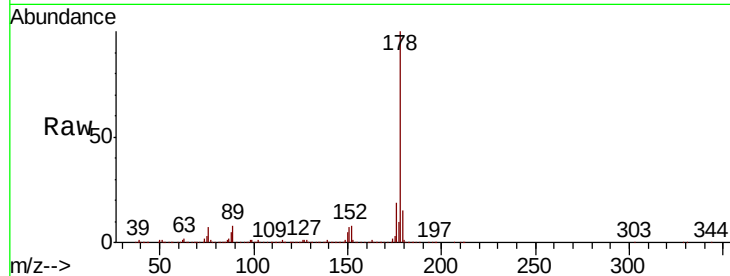




#72
 Anthracene
 Concen: 10.175 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF118877.D
 Acq: 10 Feb 2020 19:16

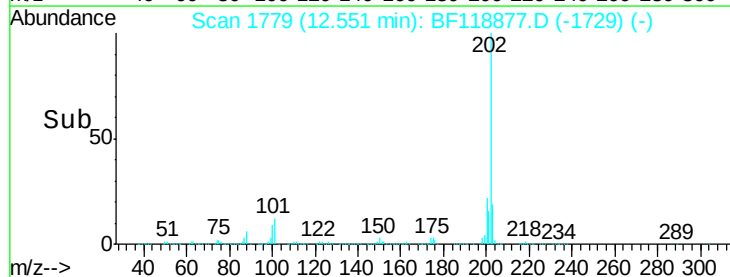
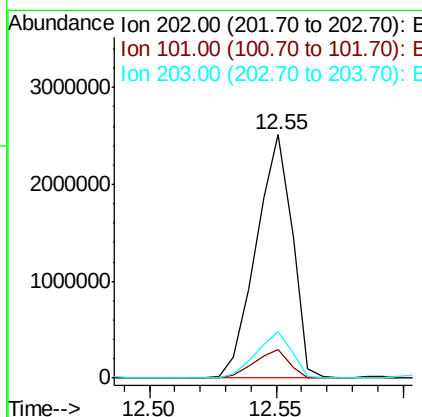
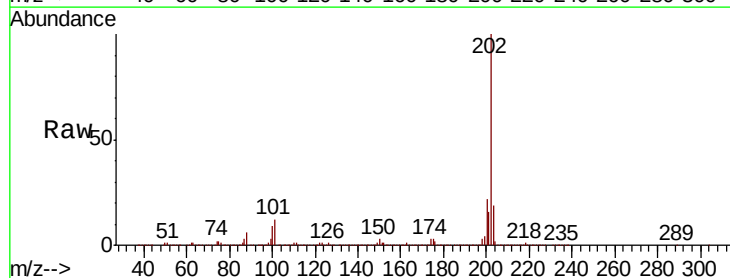
Instrument :
 BNA_F
 ClientSampleId :
 PE-6A-(DUPLICATE)

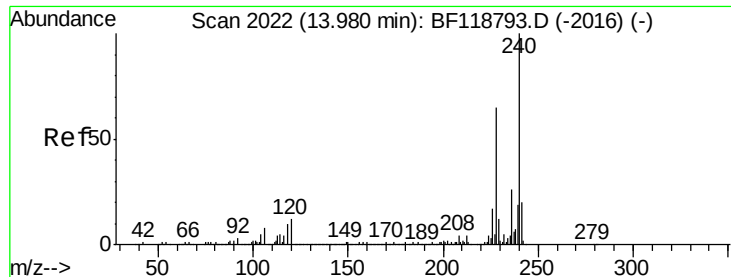
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.2
179	15.1	13.4	20.2



#75
 Fluoranthene
 Concen: 51.886 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BF118877.D
 Acq: 10 Feb 2020 19:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.0
203	19.0	0.0	38.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

Instrument :

BNA_F

ClientSampleId :

PE-6A-(DUPLICATE)

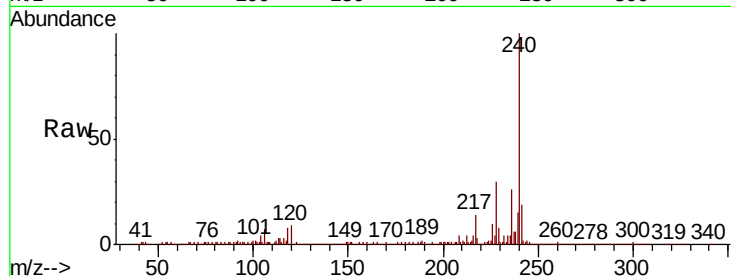
Tot Ion:240 Resp: 629390

Ion Ratio Lower Upper

240 100

120 9.4 9.4 14.0

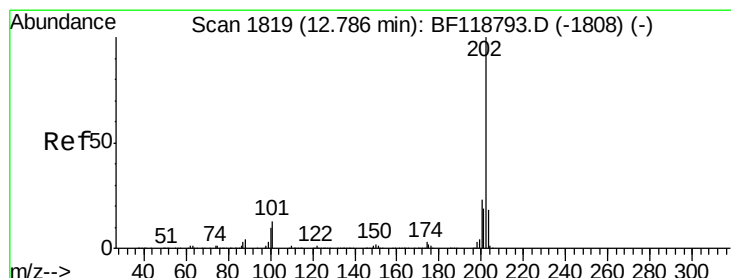
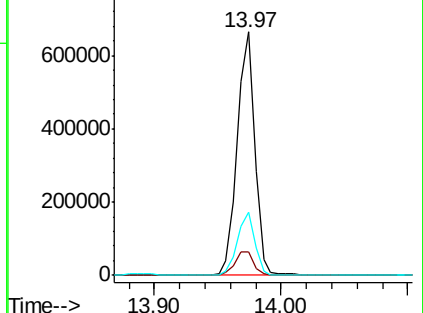
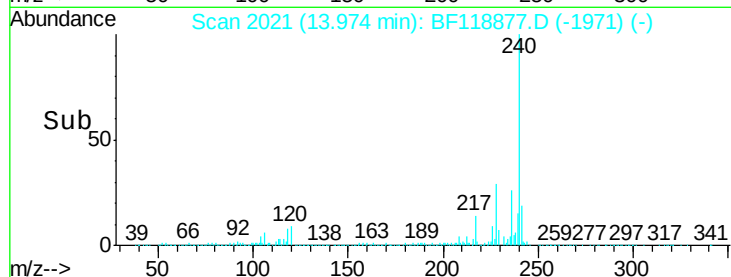
236 26.2 21.0 31.6



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



#78

Pyrene

Concen: 50.066 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

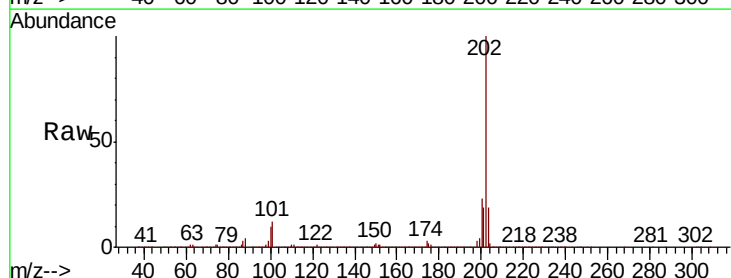
Tgt Ion:202 Resp: 2161718

Ion Ratio Lower Upper

202 100

200 22.5 18.2 27.2

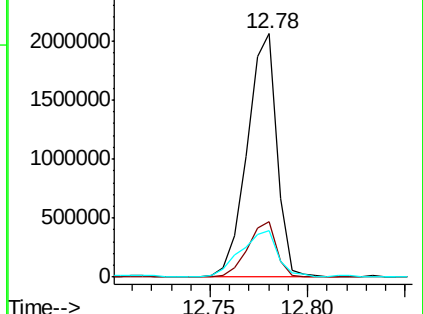
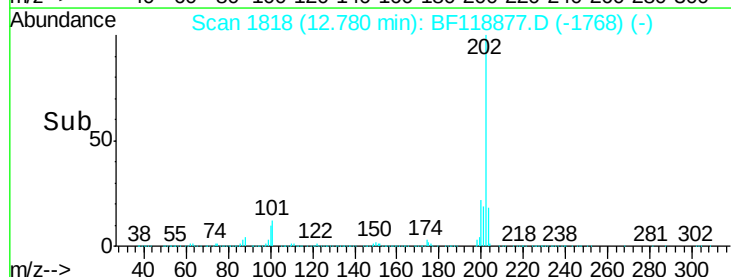
203 19.0 14.8 22.2

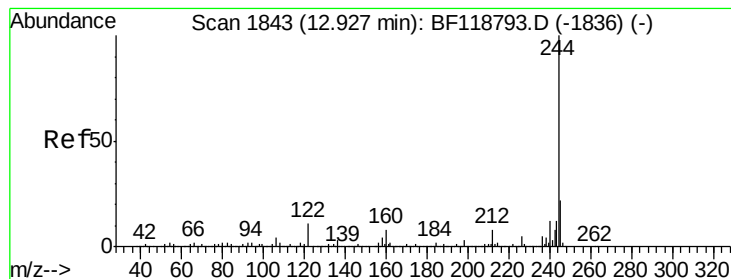


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.257 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

Instrument :

BNA_F

ClientSampleId :

PE-6A-(DUPLICATE)

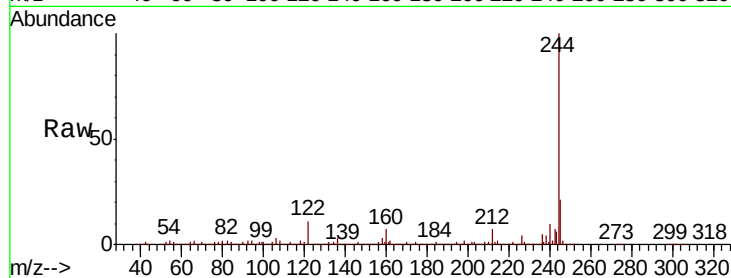
Tot Ion:244 Resp: 2275348

Ion Ratio Lower Upper

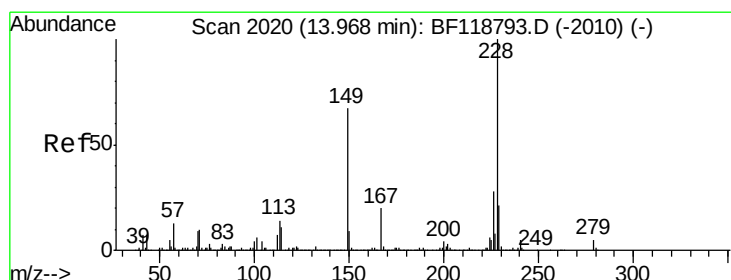
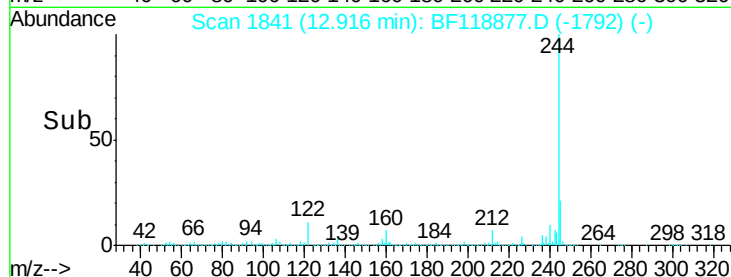
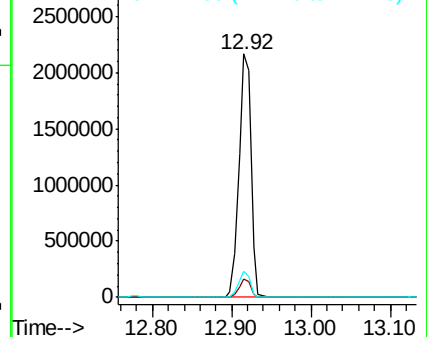
244 100

212 7.4 6.5 9.7

122 10.6 8.9 13.3



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: 32.290 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

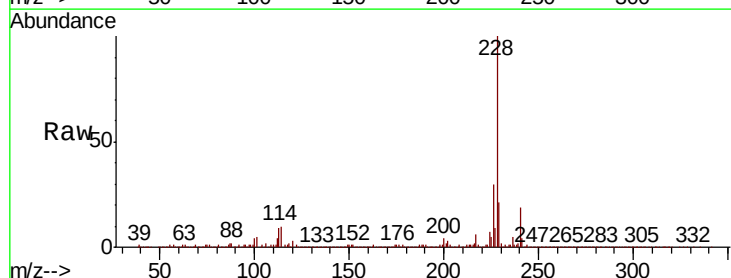
Tgt Ion:228 Resp: 1209323

Ion Ratio Lower Upper

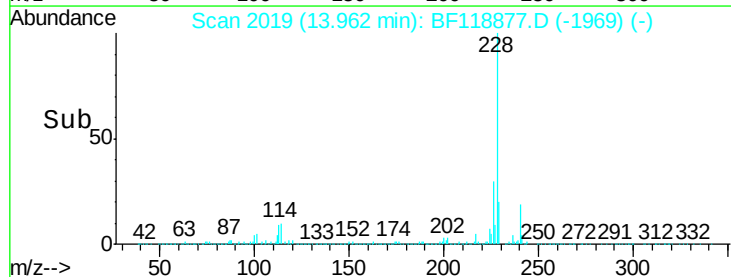
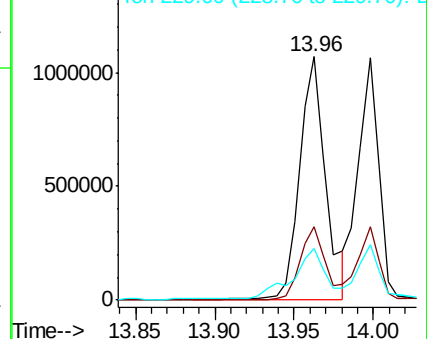
228 100

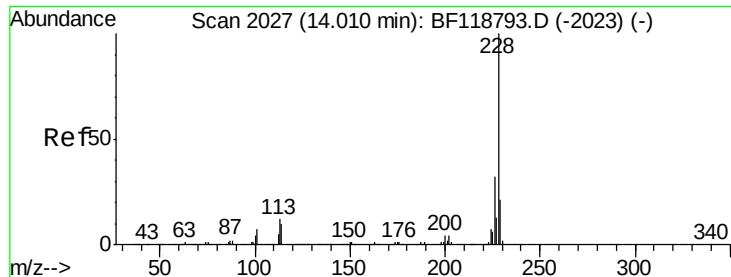
226 30.1 22.7 34.1

229 21.1 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 25.702 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

Instrument :

BNA_F

ClientSampleId :

PE-6A-(DUPLICATE)

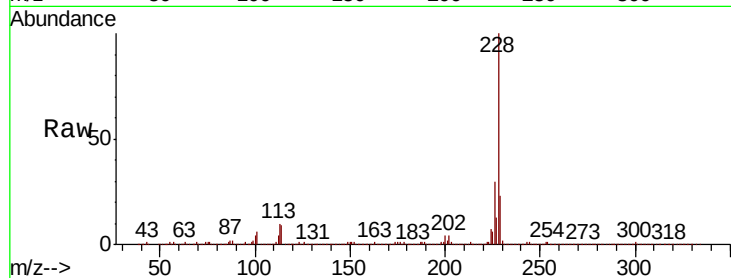
Tot Ion:228 Resp: 966104

Ion Ratio Lower Upper

228 100

226 30.2 25.4 38.0

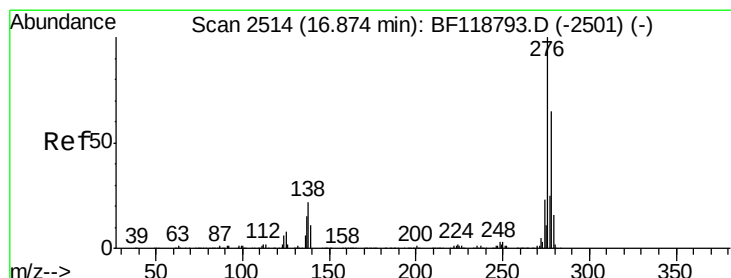
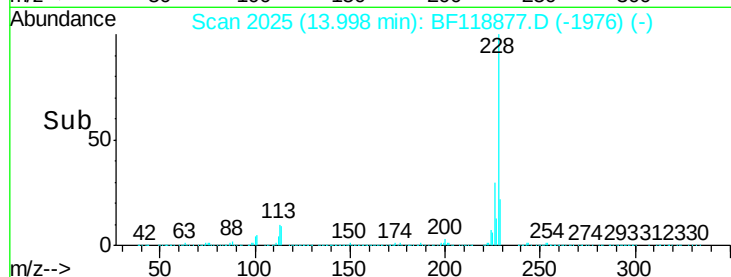
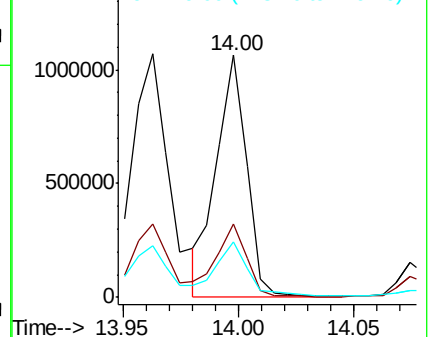
229 22.7 16.9 25.3



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 18.715 ng

RT: 16.86 min Scan# 2511

Delta R.T. -0.02 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

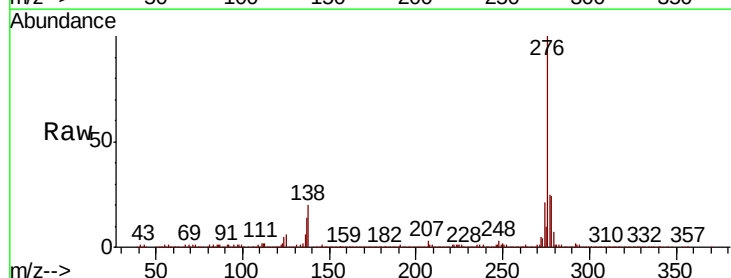
Tgt Ion:276 Resp: 706804

Ion Ratio Lower Upper

276 100

138 18.9 18.3 27.5

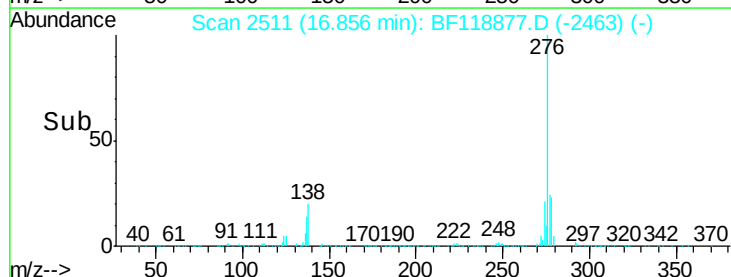
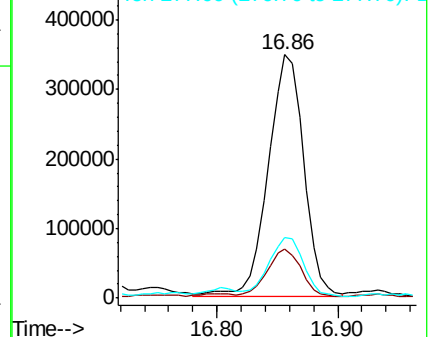
277 23.5 20.2 30.4

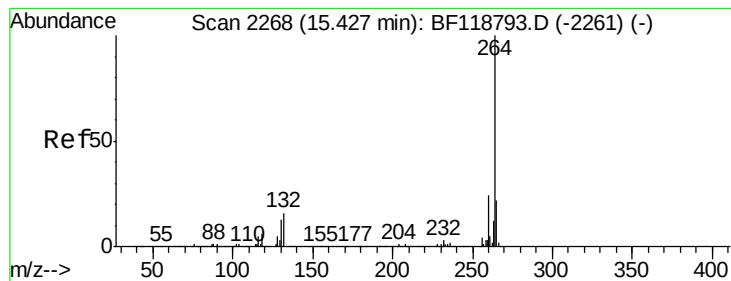


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

Instrument :

BNA_F

ClientSampleId :

PE-6A-(DUPLICATE)

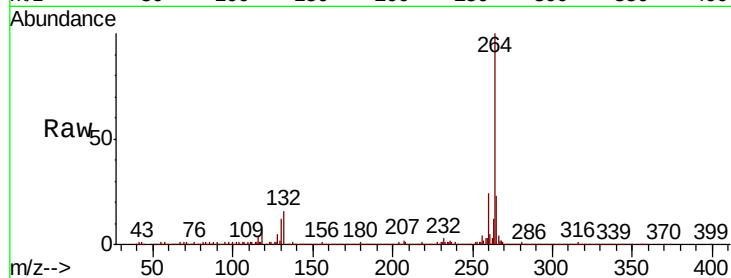
Tot Ion:264 Resp: 855811

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

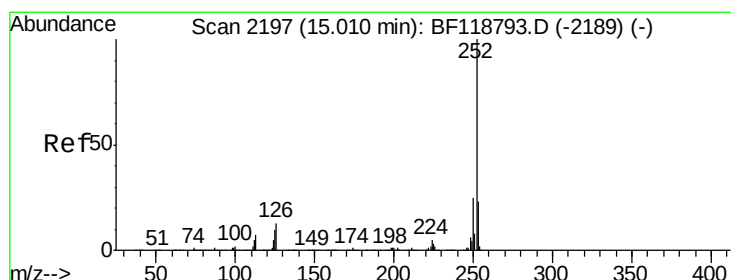
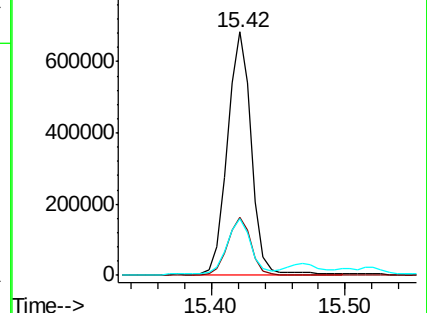
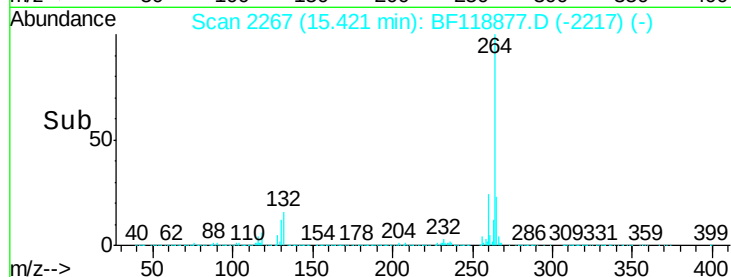
265 23.1 17.2 25.8



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: 34.314 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

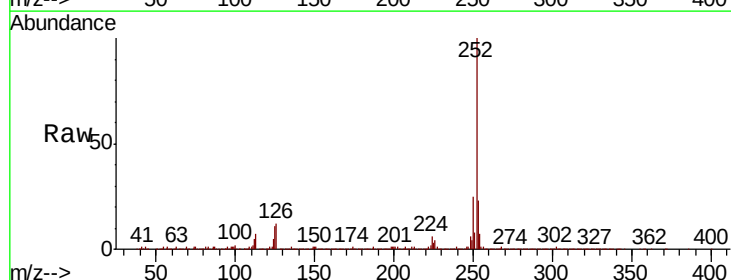
Tgt Ion:252 Resp: 1822217

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

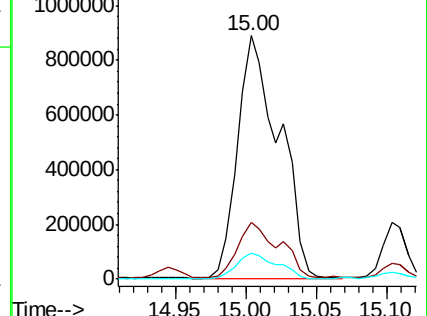
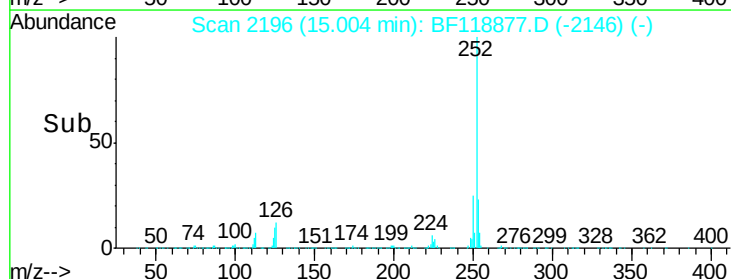
125 10.6 8.1 12.1

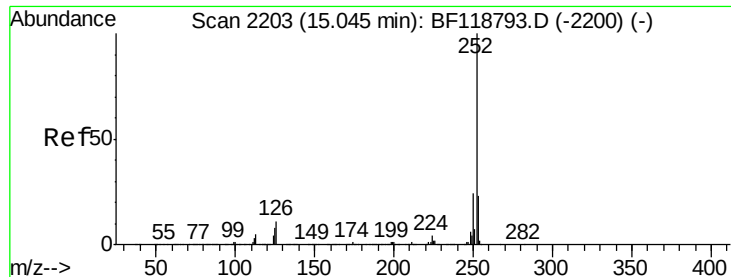


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

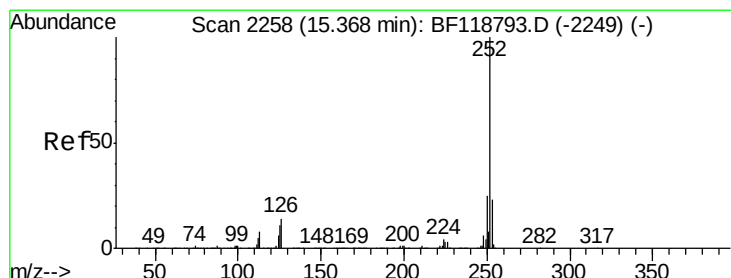
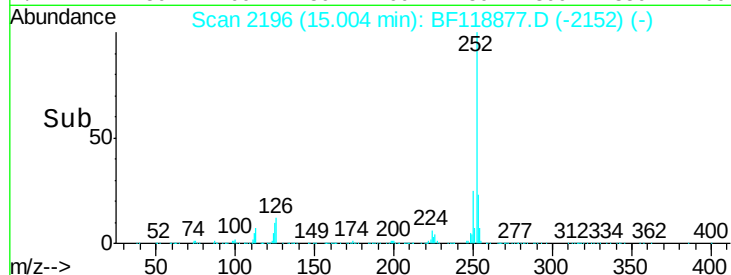
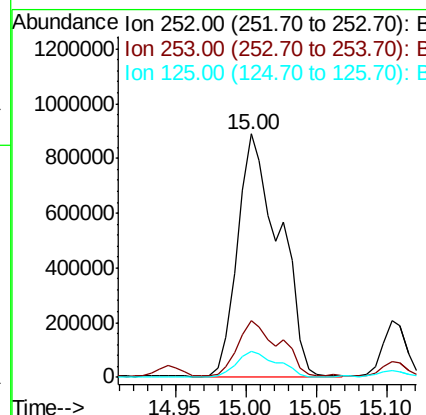
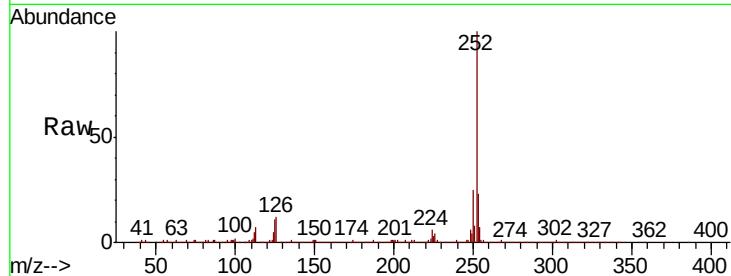




#89
Benzo(k)fluoranthene
Concen: 39.405 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

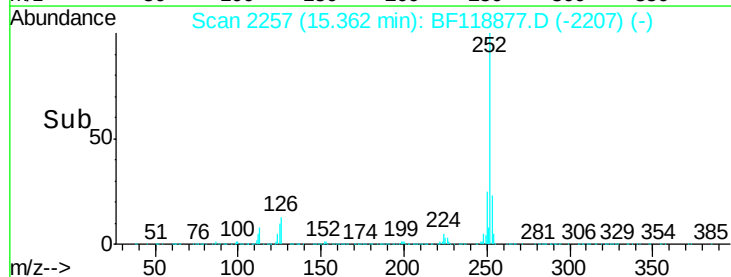
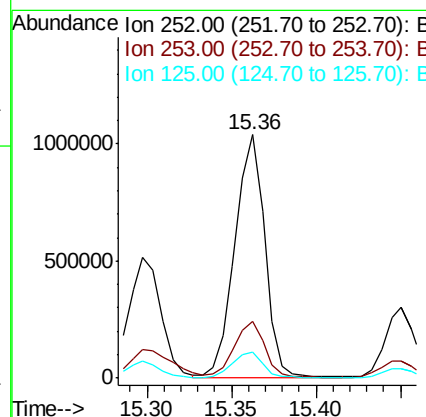
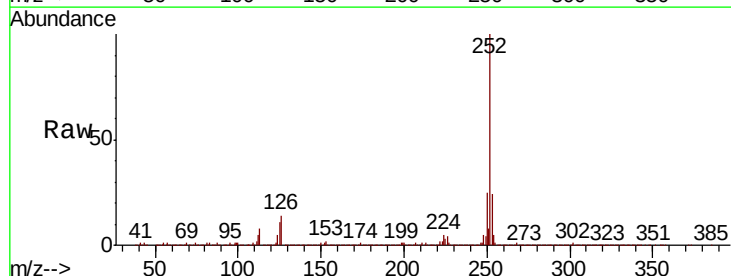
Instrument :
BNA_F
ClientSampleId :
PE-6A-(DUPLICATE)

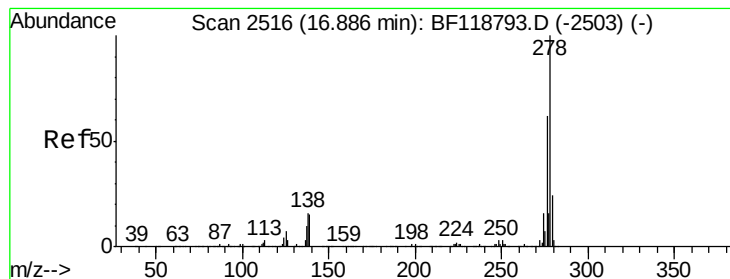
Tot Ion:252 Resp: 1822217
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 10.6 7.0 10.6#



#90
Benzo(a)pyrene
Concen: 28.080 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF118877.D
Acq: 10 Feb 2020 19:16

Tgt Ion:252 Resp: 1276148
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 10.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 3.636 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.14 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

Instrument :

BNA_F

ClientSampleId :

PE-6A-(DUPLICATE)

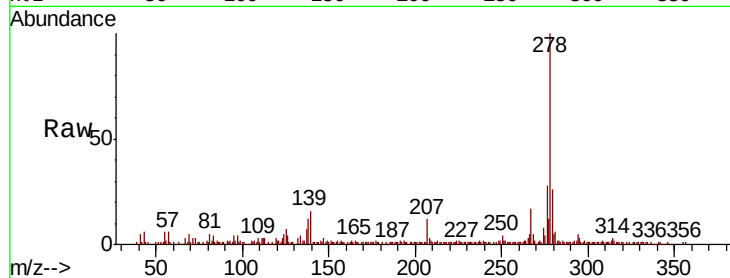
Tot Ion:278 Resp: 146700

Ion Ratio Lower Upper

278 100

139 15.7 12.3 18.5

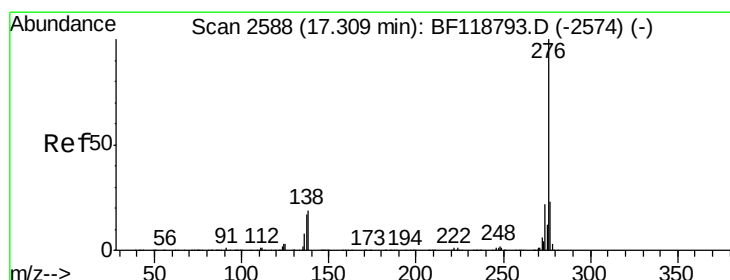
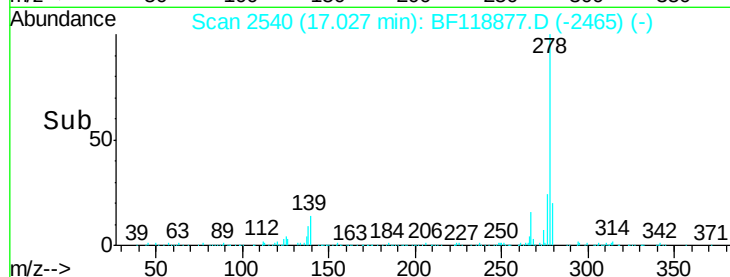
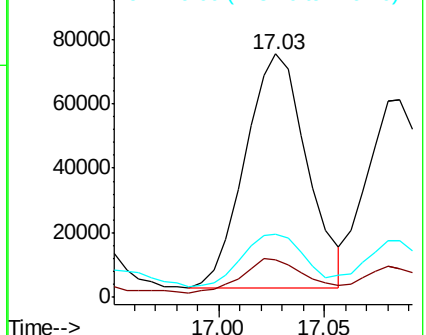
279 25.7 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 15.888 ng

RT: 17.29 min Scan# 2585

Delta R.T. -0.02 min

Lab File: BF118877.D

Acq: 10 Feb 2020 19:16

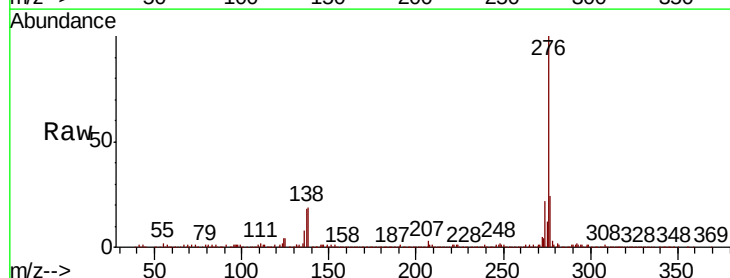
Tgt Ion:276 Resp: 616462

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 19.4 15.4 23.2



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

