

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119176.D
 Acq On : 2 Mar 2020 18:52
 Operator : CG/JU
 Sample : L1369-01 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 07:20:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	122527	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	463442	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	239508	20.00	ng	-0.02
64) Phenanthrene-d10	11.26	188	386720	20.00	ng	0.00
76) Chrysene-d12	13.90	240	301677	20.00	ng	0.00
87) Perylene-d12	15.32	264	299310	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	297870	40.63	ng	-0.01
7) Phenol-d6	6.38	99	357486	40.09	ng	-0.02
23) Nitrobenzene-d5	7.30	82	223633	25.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	99090	31.63	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	448777	27.60	ng	-0.02
79) Terphenyl-d14	12.83	244	462123	26.37	ng	-0.02

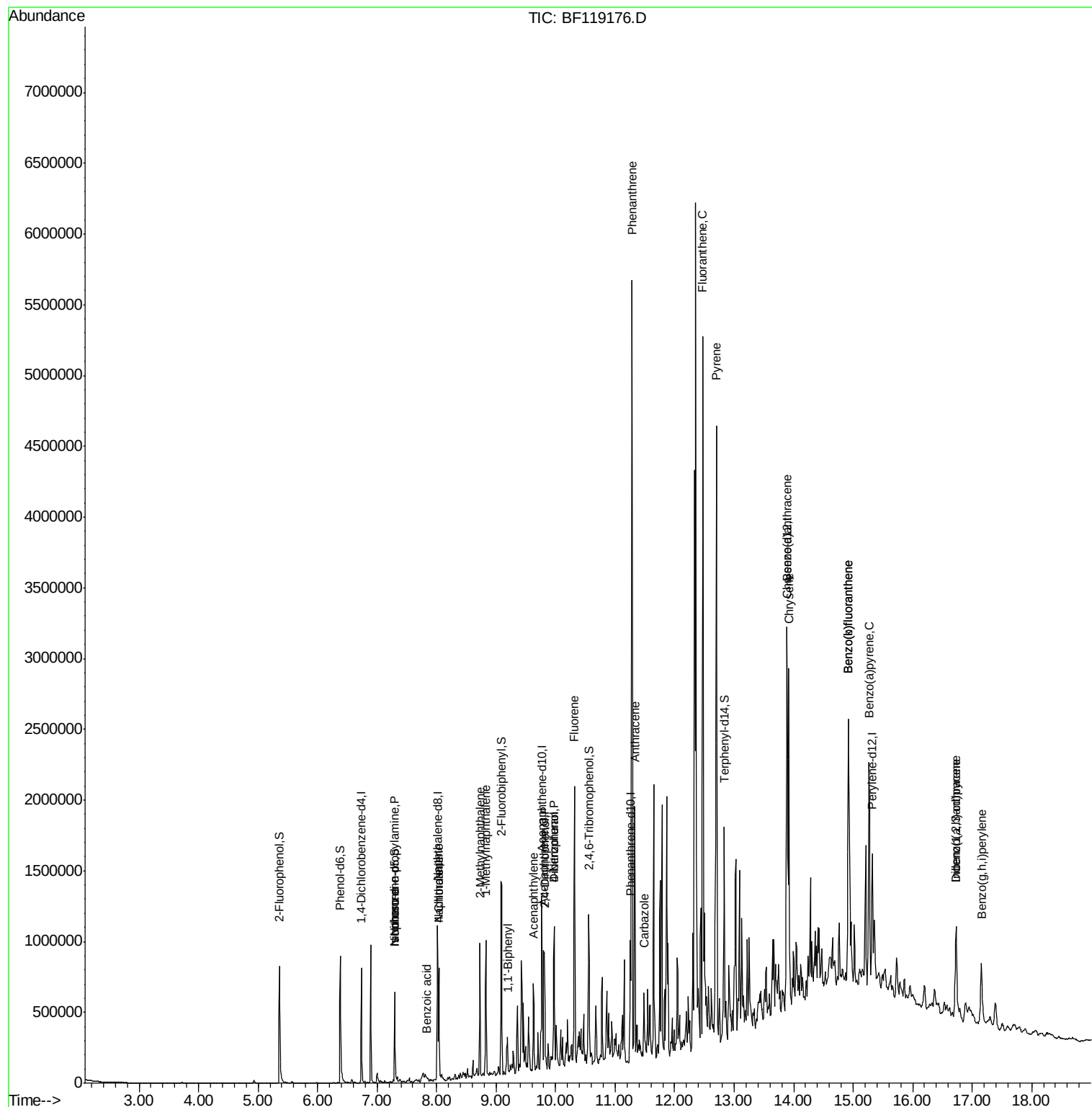
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	32748	6.303	ng	# 72
25) Isophorone	7.30	82	221791	14.550	ng	# 63
31) Naphthalene	8.04	128	355926	14.809	ng	97
32) Benzoic acid	7.83	122	387	6.753	ng	# 1
33) 4-Chloroaniline	8.04	127	45910	4.441	ng	# 35
37) 2-Methylnaphthalene	8.73	142	243661	15.064	ng	99
38) 1-Methylnaphthalene	8.83	142	233886	15.375	ng	99
46) 1,1'-Biphenyl	9.19	154	80019	4.134	ng	96
49) Acenaphthylene	9.63	152	184698	8.198	ng	97
52) Acenaphthene	9.80	154	174878	12.873	ng	97
54) 2,4-Dinitrophenol	9.82	184	1450	8.140	ng	# 1
55) Dibenzofuran	9.97	168	300546	14.822	ng	93
56) 4-Nitrophenol	9.97	139	115882	42.756	ng	# 11
58) Fluorene	10.32	166	522676	33.173	ng	100
71) Phenanthrene	11.29	178	2329973	110.479	ng	100
72) Anthracene	11.33	178	680012	32.270	ng	98
73) Carbazole	11.49	167	151900	8.092	ng	98
75) Fluoranthene	12.47	202	2093948	93.537	ng	98
78) Pyrene	12.70	202	2016514	83.243	ng	100
81) Benzo(a)anthracene	13.89	228	1106145	53.813	ng	96
83) Chrysene	13.92	228	911633	44.510	ng	97
86) Indeno(1,2,3-cd)pyrene	16.73	276	371773	18.746	ng	96
88) Benzo(b)fluoranthene	14.92	252	1443573	73.171	ng	98
89) Benzo(k)fluoranthene	14.92	252	1443573	78.956	ng	98
90) Benzo(a)pyrene	15.27	252	783363	43.995	ng	98
91) Dibenzo(a,h)anthracene	16.73	278	108395	6.919	ng	# 78
92) Benzo(g,h,i)perylene	17.16	276	344258	22.239	ng	97

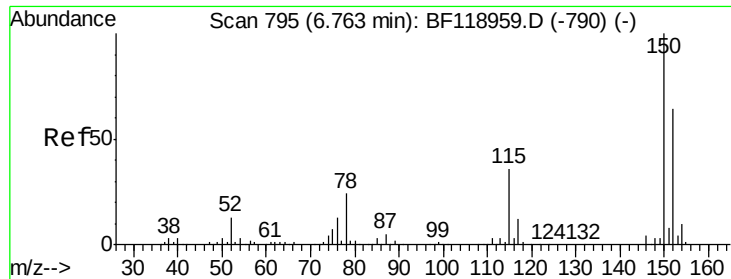
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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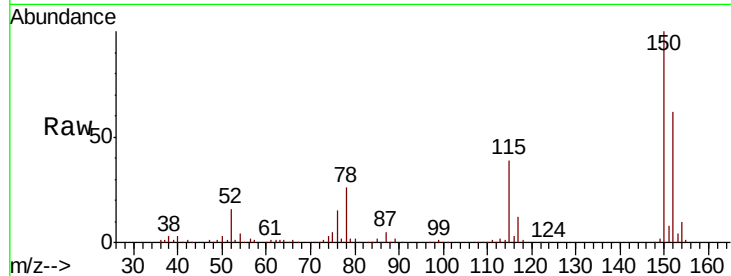


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119176.D
 Acq: 2 Mar 2020 18:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	123.0	184.6
115	63.1	49.5	74.3

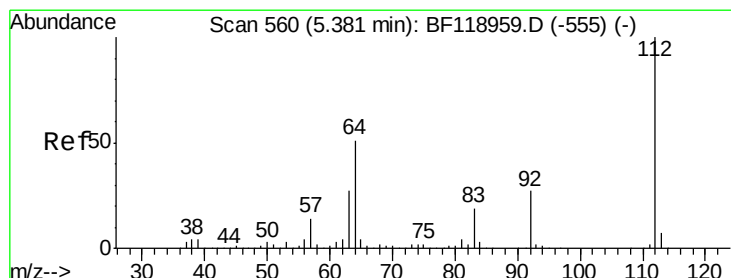
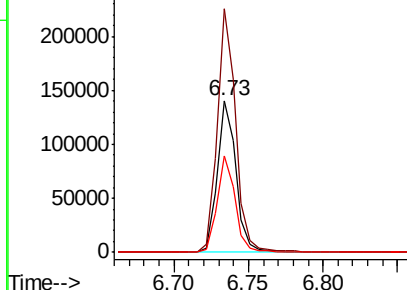
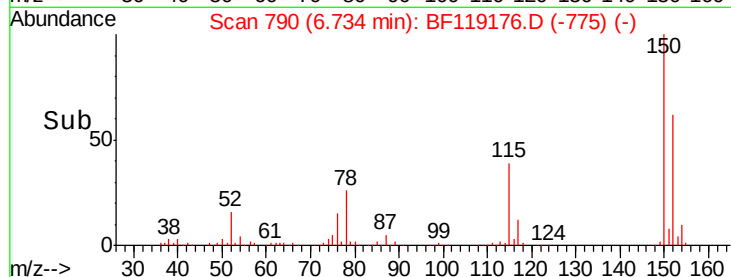


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

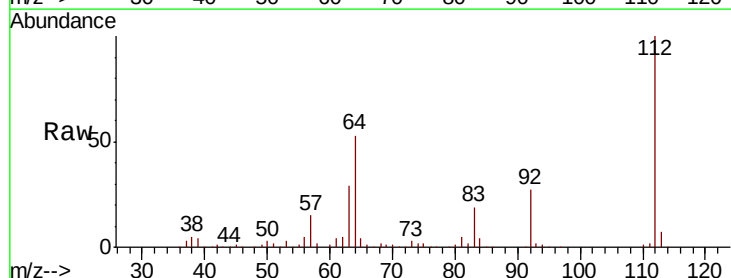
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 40.627 ng
 RT: 5.36 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: BF119176.D
 Acq: 2 Mar 2020 18:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	45.0	67.4
63	28.6	24.2	36.4

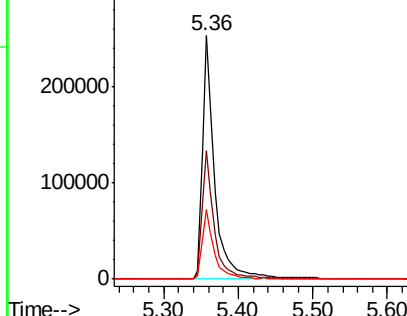
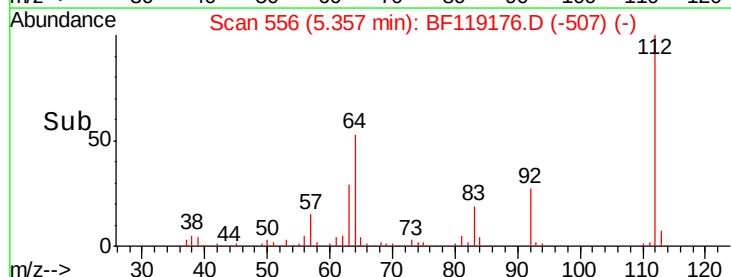


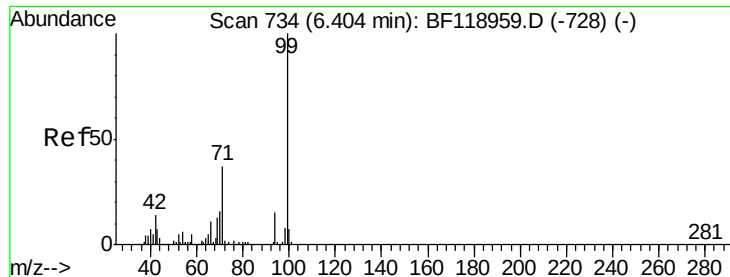
Abundance

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: 40.091 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119176.D

Acq: 2 Mar 2020 18:52

Instrument :

BNA_F

ClientSampled :

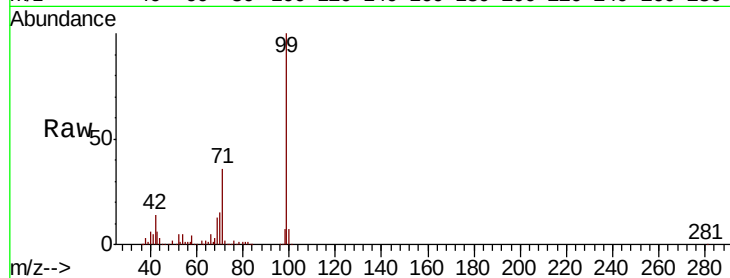
Tot Ion: 99 Resp: 357486

Ion Ratio Lower Upper

99 100

42 13.6 12.6 18.8

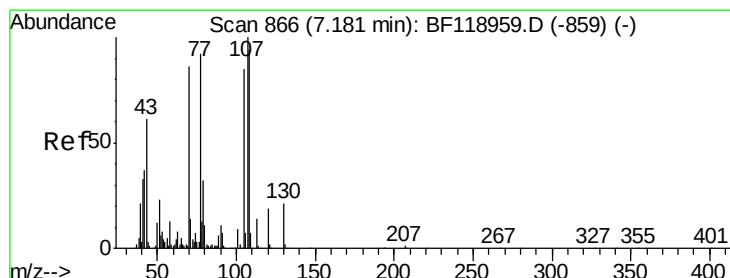
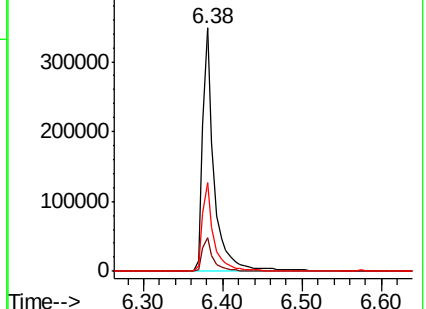
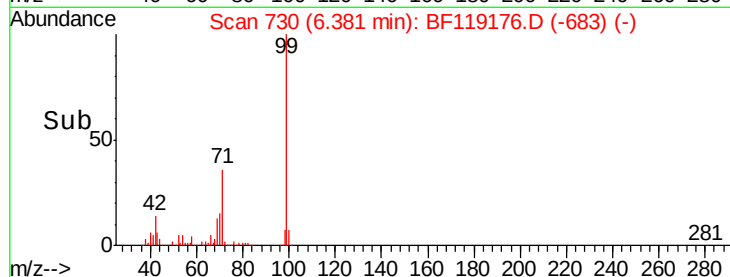
71 36.4 31.0 46.4



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: 6.303 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.12 min

Lab File: BF119176.D

Acq: 2 Mar 2020 18:52

Tgt Ion: 70 Resp: 32748

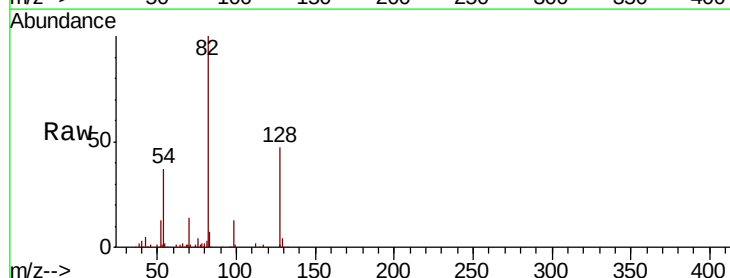
Ion Ratio Lower Upper

70 100

42 33.8 38.0 57.0#

101 0.0 8.2 12.4#

130 2.4 18.2 27.4#

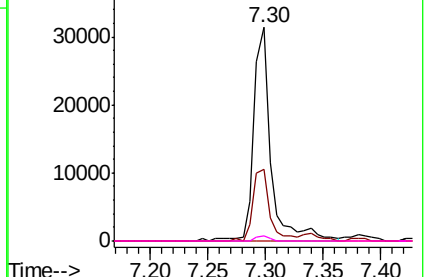
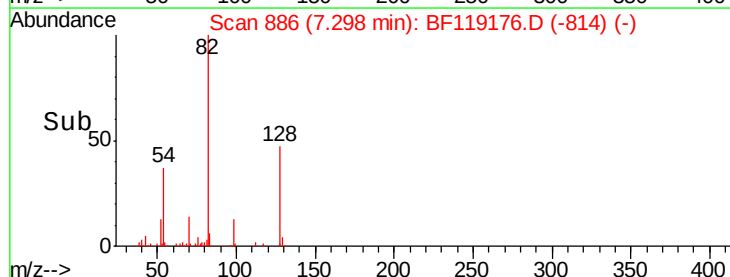


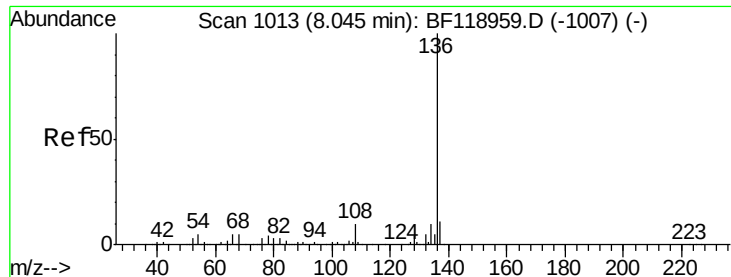
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

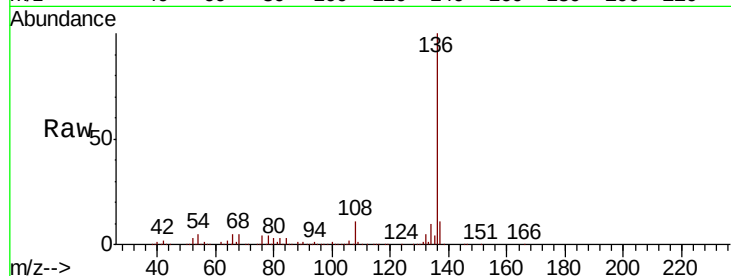




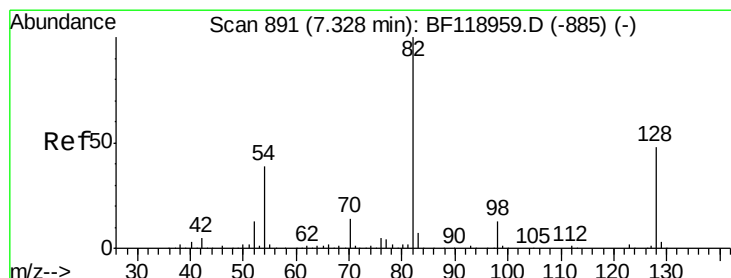
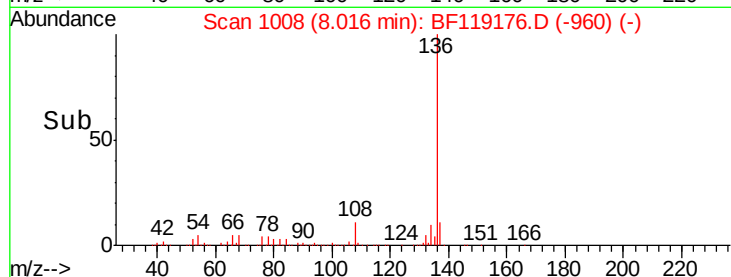
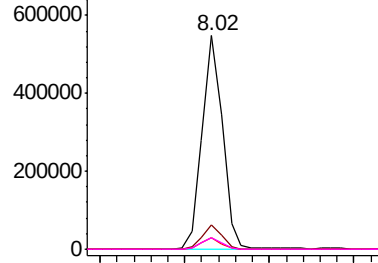
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	463442
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.8 13.2
54	5.3	3.8 5.6
68	5.2	3.9 5.9

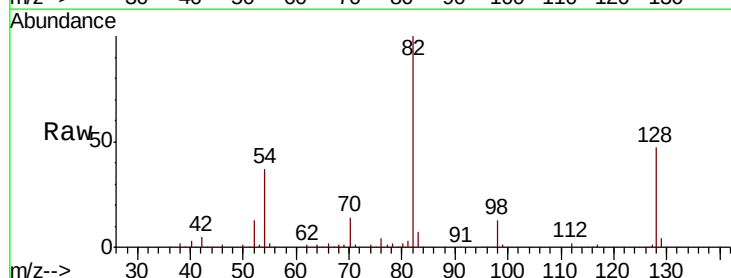


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

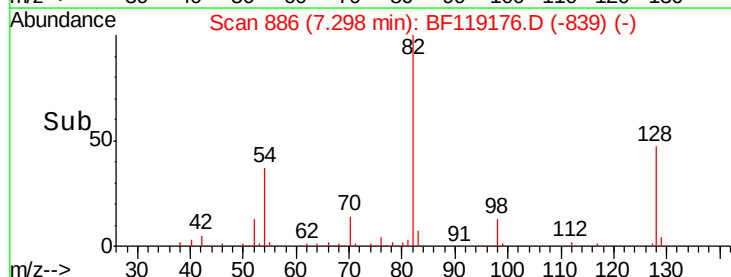
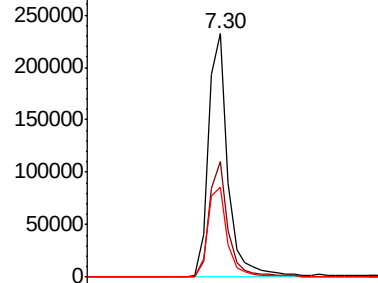


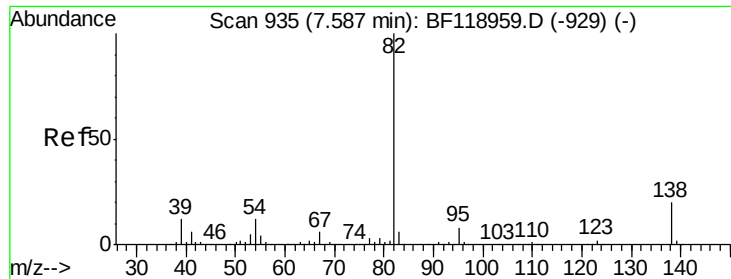
#23
Nitrobenzene-d5
Concen: 25.479 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

Tgt Ion: 82	Resp:	223633
Ion	Ratio	Lower Upper
82	100	
128	47.3	37.9 56.9
54	37.0	33.4 50.2



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

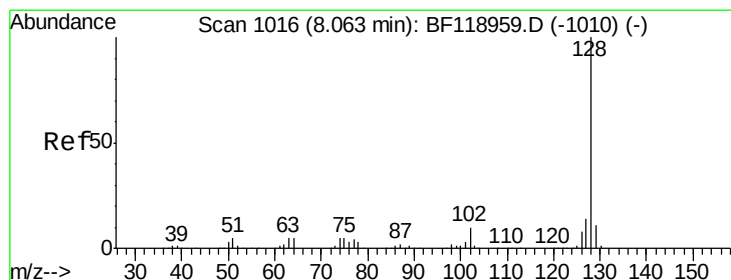
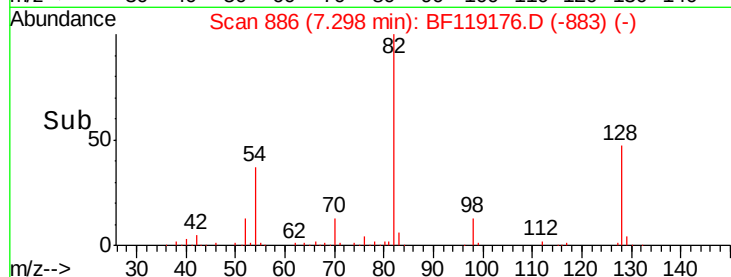
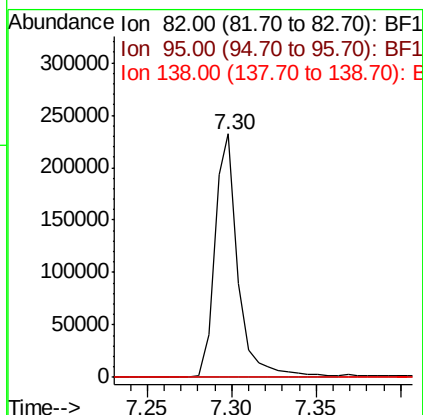
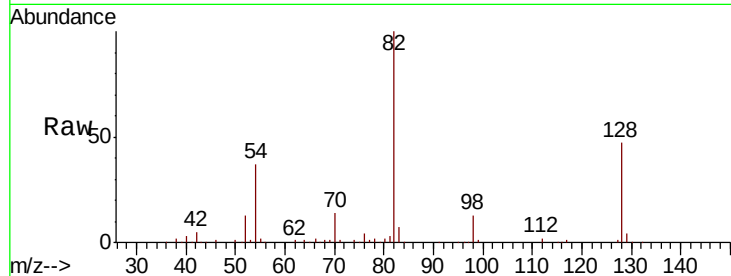




#25
Isophorone
Concen: 14.550 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

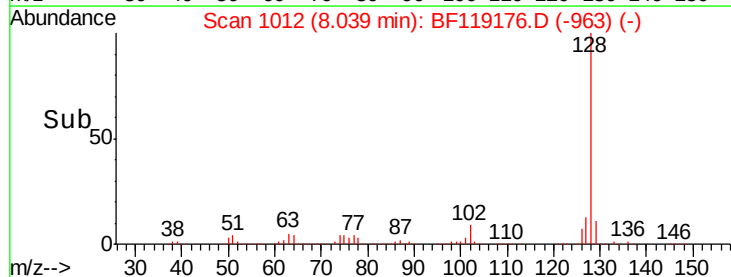
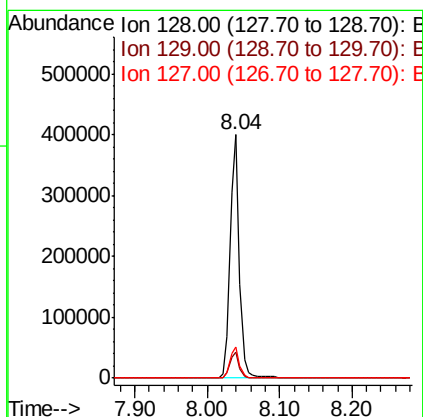
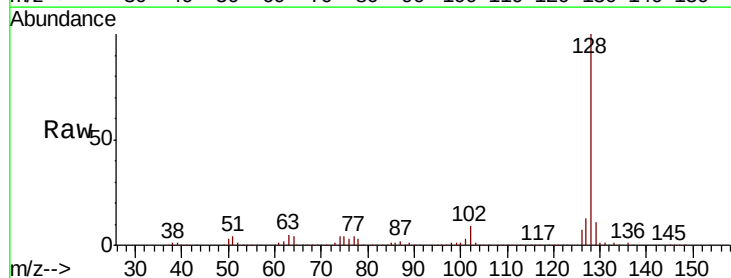
Instrument :
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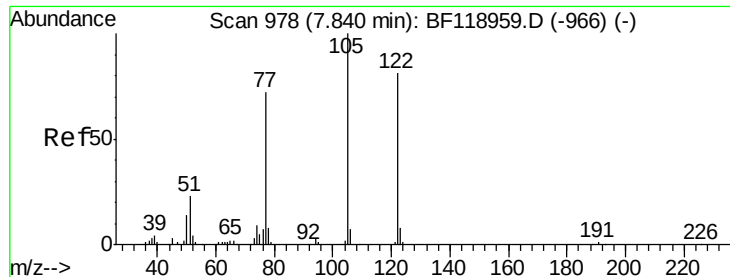
Tot Ion: 82 Resp: 221791
Ion Ratio Lower Upper
82 100
95 0.2 6.4 9.6#
138 0.0 15.7 23.5#



#31
Naphthalene
Concen: 14.809 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

Tgt Ion: 128 Resp: 355926
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 12.9 11.4 17.2

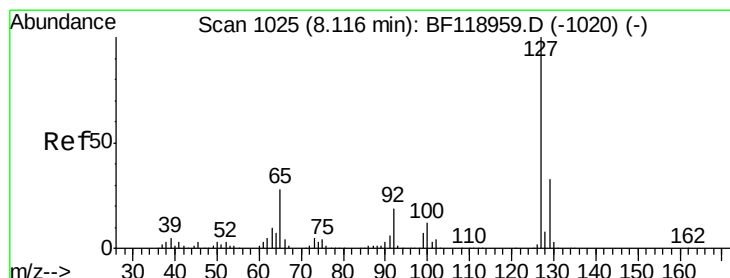
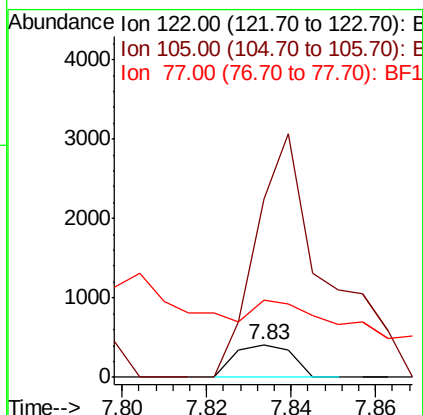
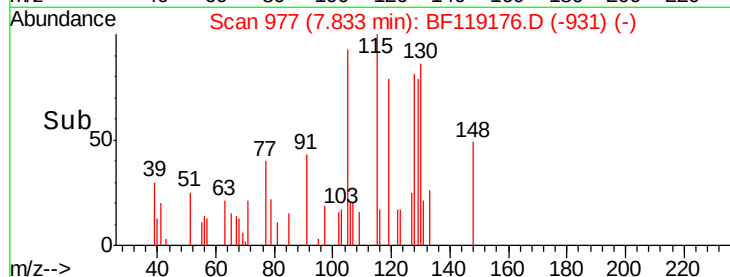
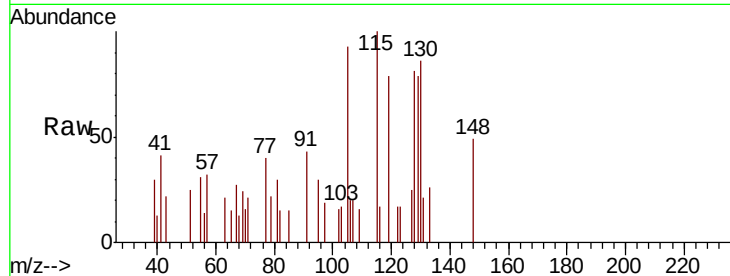




#32
Benzoic acid
Concen: 6.753 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.03 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

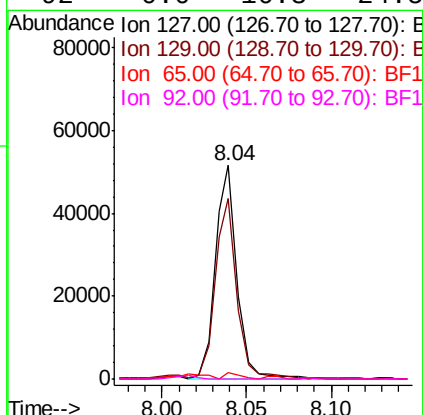
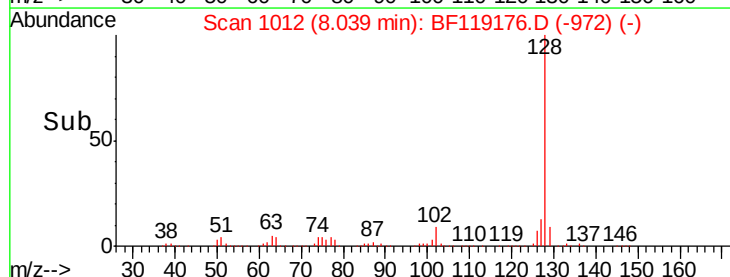
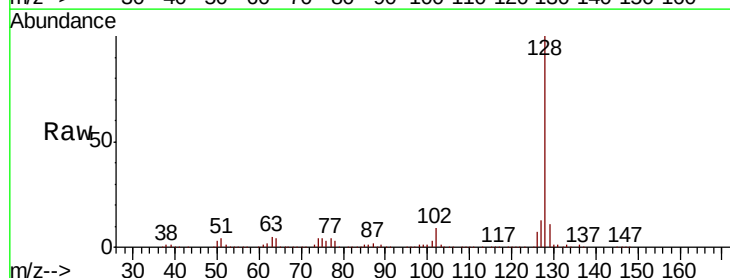
Instrument :
BNA_F
ClientSampleId :

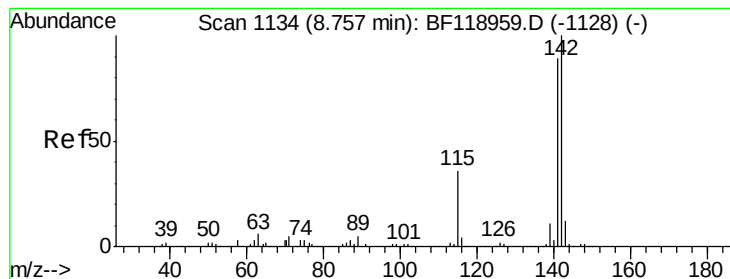
Tot Ion:122 Resp: 387
Ion Ratio Lower Upper
122 100
105 543.5 106.3 146.3#
77 234.3 73.1 113.1#



#33
4-Chloroaniline
Concen: 4.441 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.06 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

Tgt Ion:127 Resp: 45910
Ion Ratio Lower Upper
127 100
129 84.5 25.9 38.9#
65 2.9 23.9 35.9#
92 0.0 16.3 24.5#





#37

2-Methylnaphthalene

Concen: 15.064 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF119176.D

Acq: 2 Mar 2020 18:52

Instrument :

BNA_F

ClientSampleId :

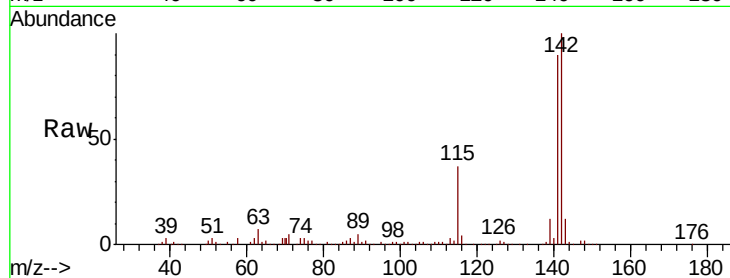
Tot Ion:142 Resp: 243661

Ion Ratio Lower Upper

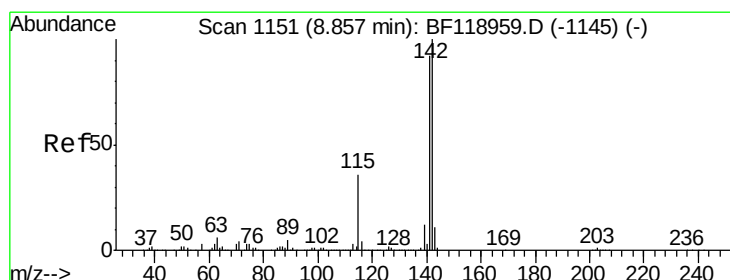
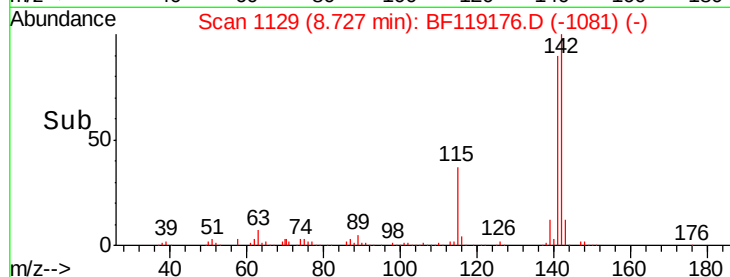
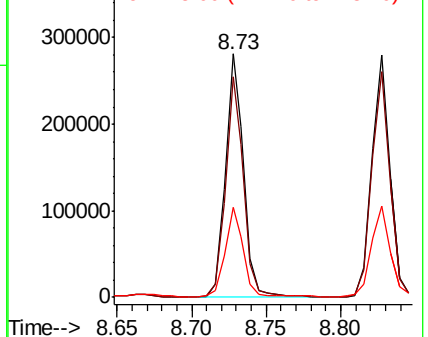
142 100

141 90.5 72.3 108.5

115 36.8 30.6 45.8



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: 15.375 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF119176.D

Acq: 2 Mar 2020 18:52

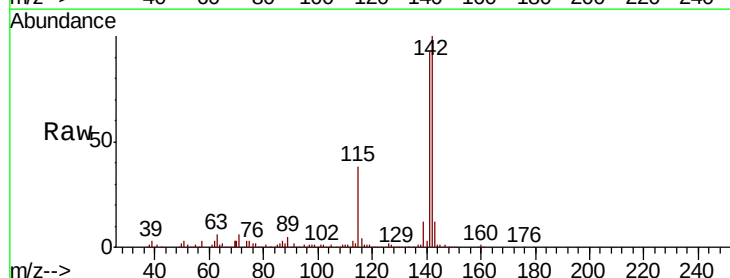
Tgt Ion:142 Resp: 233886

Ion Ratio Lower Upper

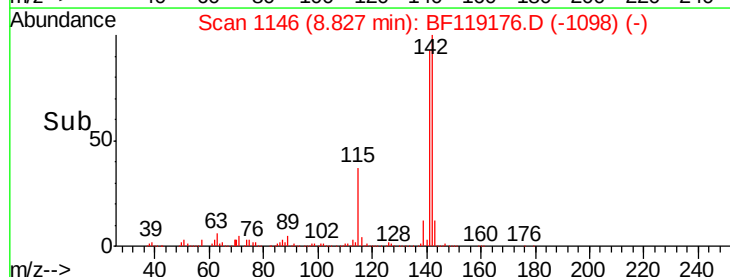
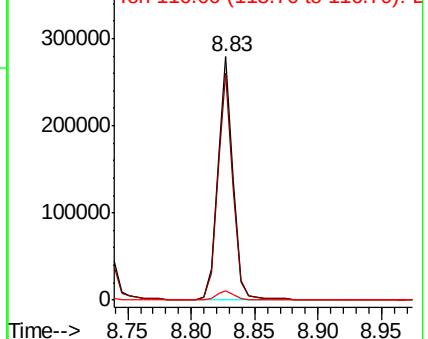
142 100

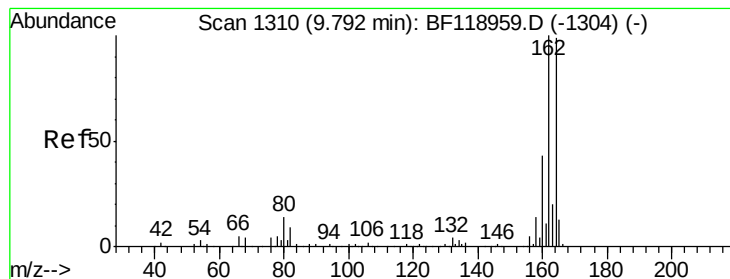
141 93.2 75.8 113.6

116 3.8 3.1 4.7



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: 9.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF119176.D

Acq: 2 Mar 2020 18:52

Instrument :

BNA_F

ClientSampleId :

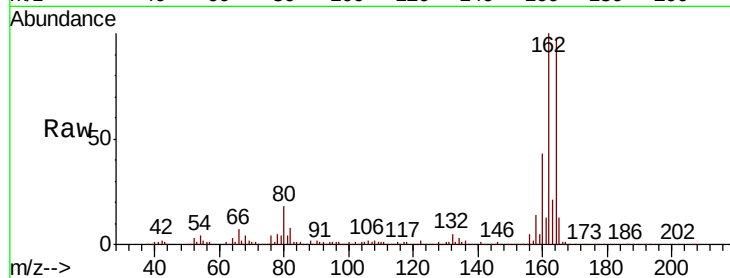
Tot Ion:164 Resp: 239508

Ion Ratio Lower Upper

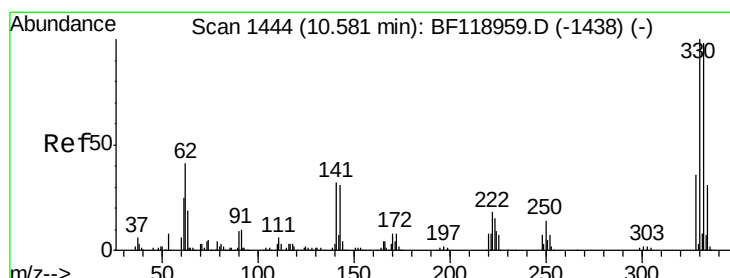
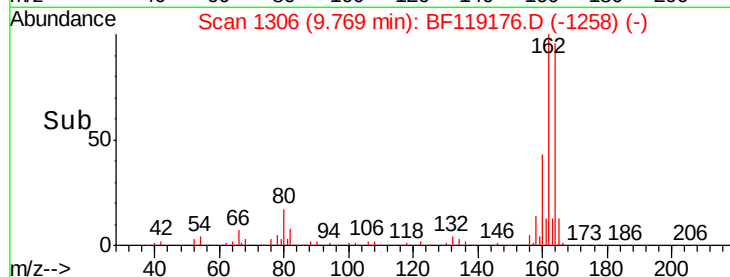
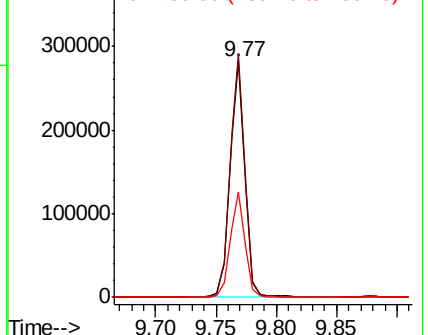
164 100

162 103.4 81.8 122.8

160 44.6 36.0 54.0



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: 31.626 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119176.D

Acq: 2 Mar 2020 18:52

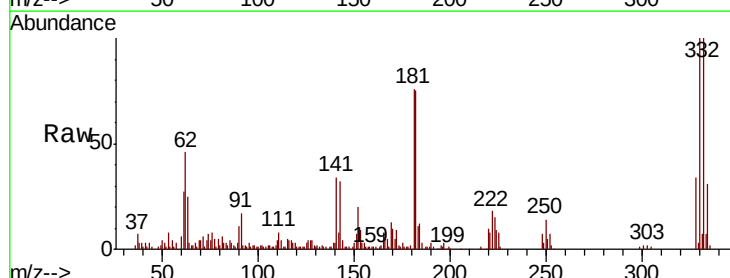
Tgt Ion:330 Resp: 99090

Ion Ratio Lower Upper

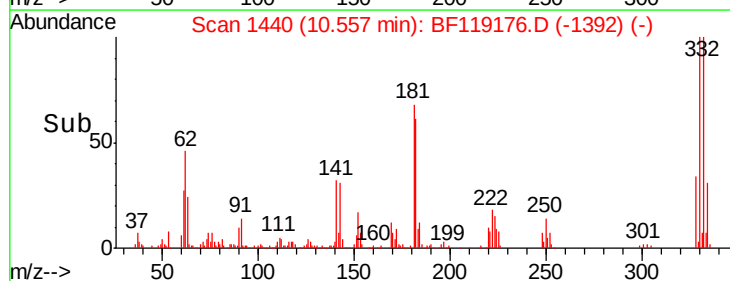
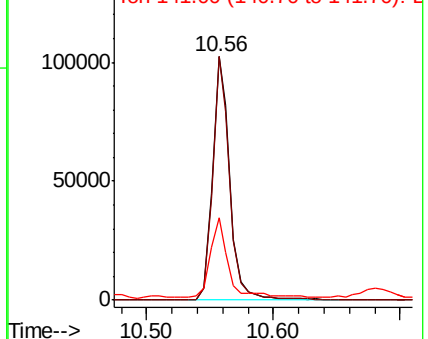
330 100

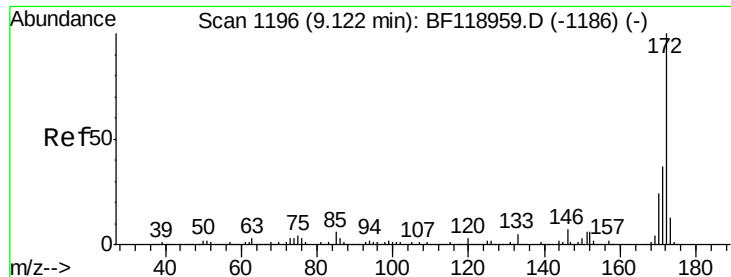
332 97.8 76.0 114.0

141 33.5 22.9 34.3



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

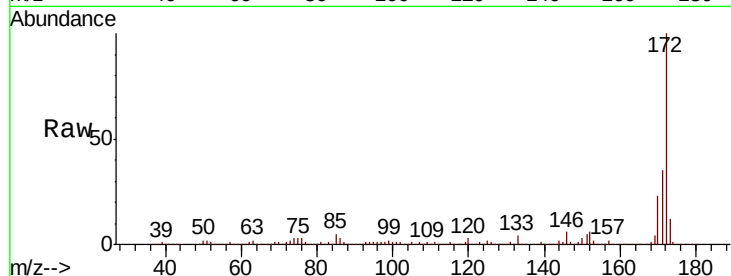




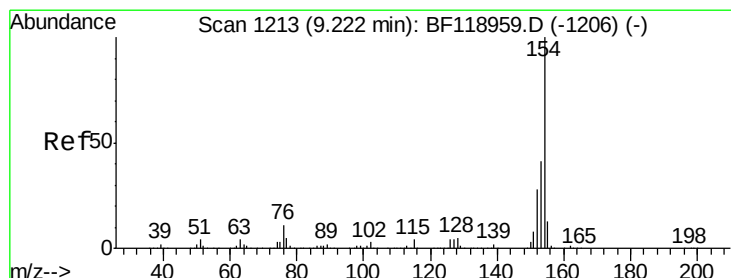
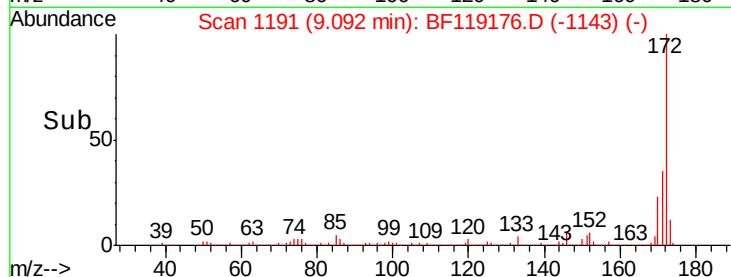
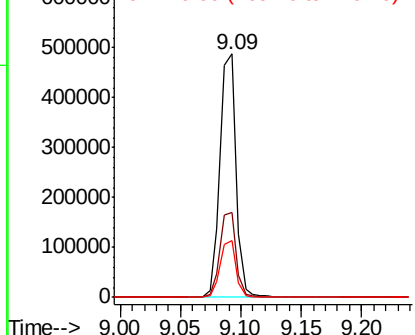
#45
2-Fluorobiphenyl
Concen: 27.603 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 448777
Ion Ratio Lower Upper
172 100
171 34.8 30.6 45.8
170 23.2 20.2 30.2

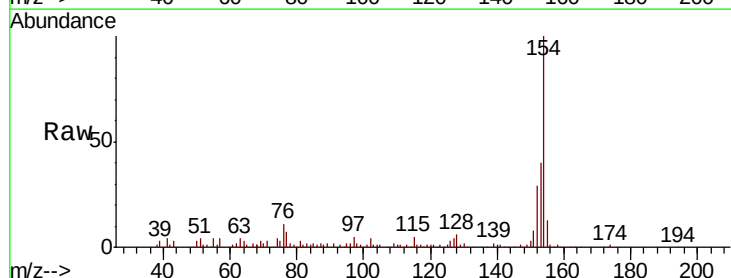


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

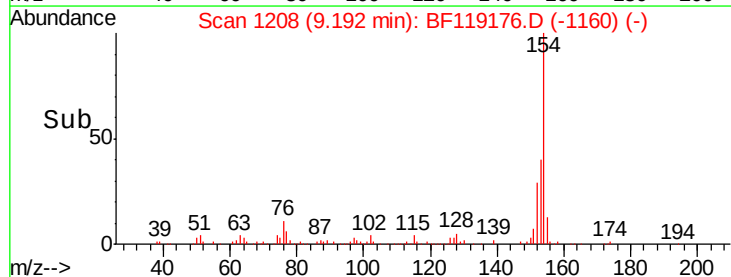
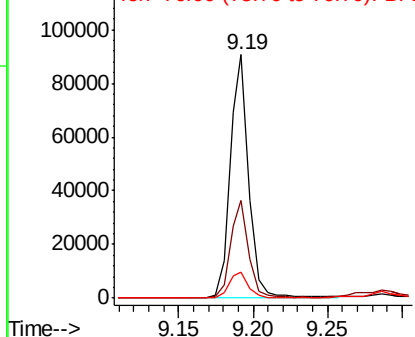


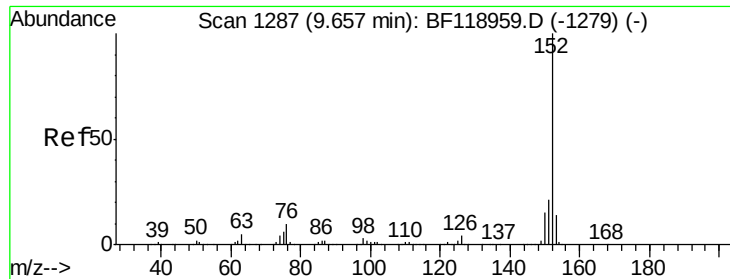
#46
1,1'-Biphenyl
Concen: 4.134 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

Tgt Ion:154 Resp: 80019
Ion Ratio Lower Upper
154 100
153 40.2 22.8 62.8
76 10.7 0.0 32.2



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





#49

Acenaphthylene

Concen: 8.198 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119176.D

Acq: 2 Mar 2020 18:52

Instrument :

BNA_F

ClientSampleId :

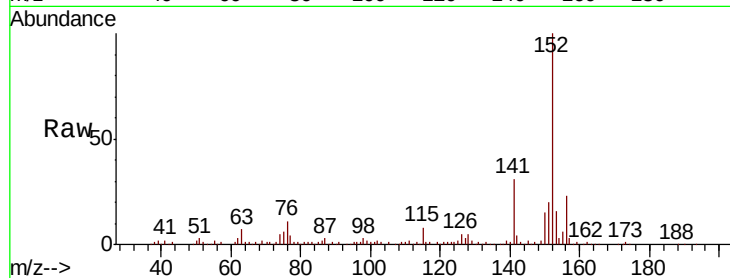
Tot Ion:152 Resp: 184698

Ion Ratio Lower Upper

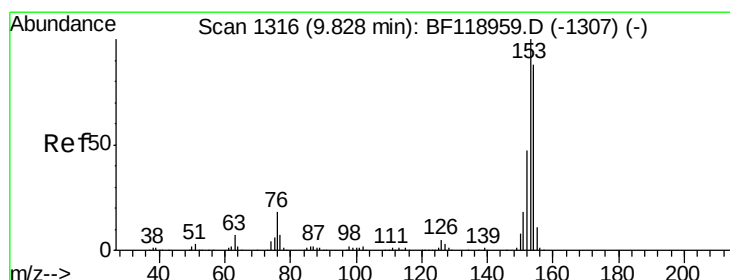
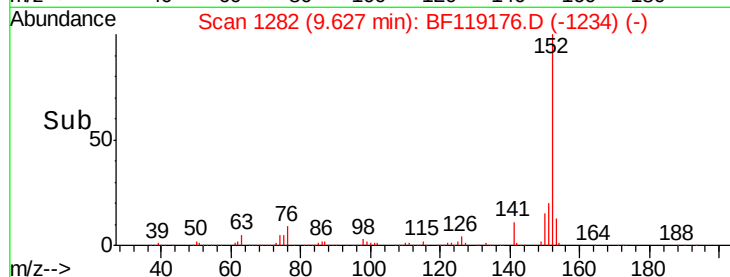
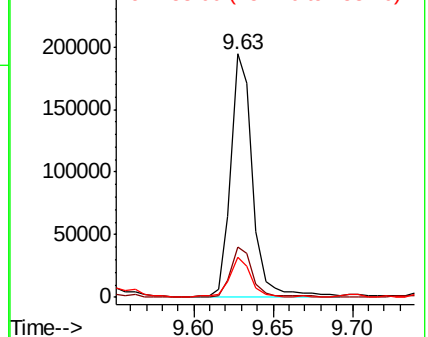
152 100

151 20.5 16.9 25.3

153 16.4 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



#52

Acenaphthene

Concen: 12.873 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF119176.D

Acq: 2 Mar 2020 18:52

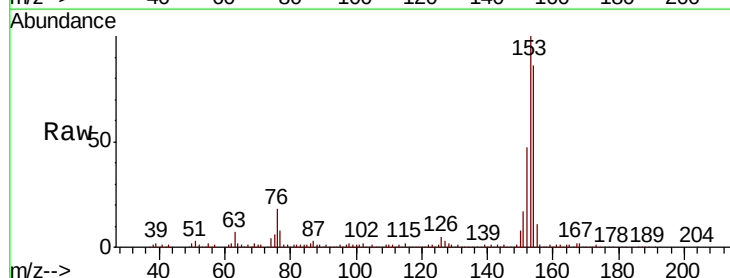
Tgt Ion:154 Resp: 174878

Ion Ratio Lower Upper

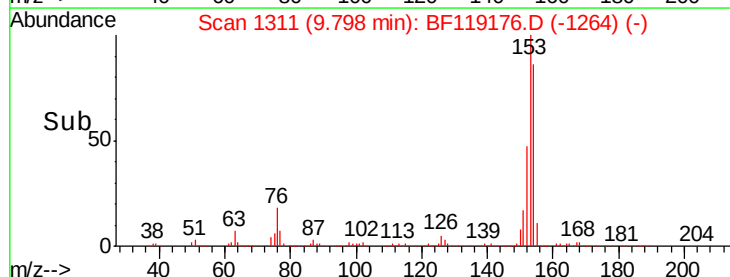
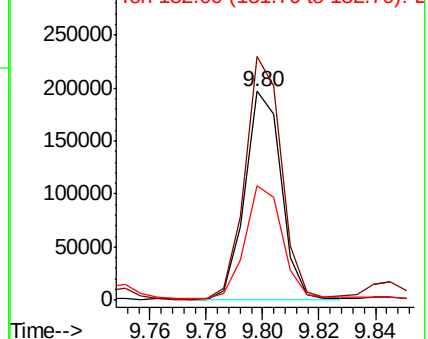
154 100

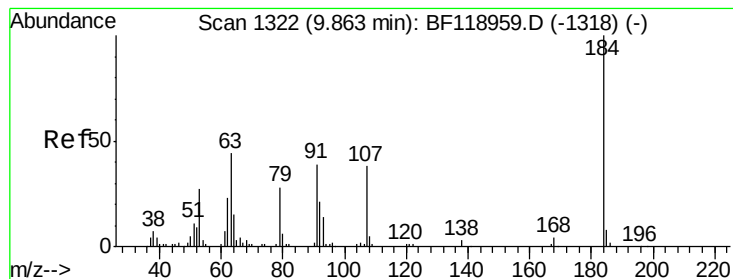
153 116.8 90.3 135.5

152 54.6 43.8 65.8



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: 8.140 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.05 min

Lab File: BF119176.D

Acq: 2 Mar 2020 18:52

Instrument :

BNA_F

ClientSampleId :

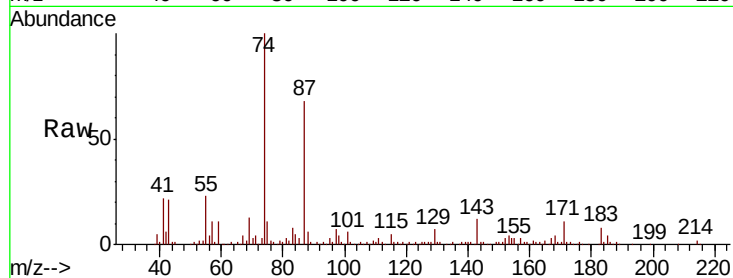
Tot Ion:184 Resp: 1450

Ion Ratio Lower Upper

184 100

63 77.3 38.7 58.1#

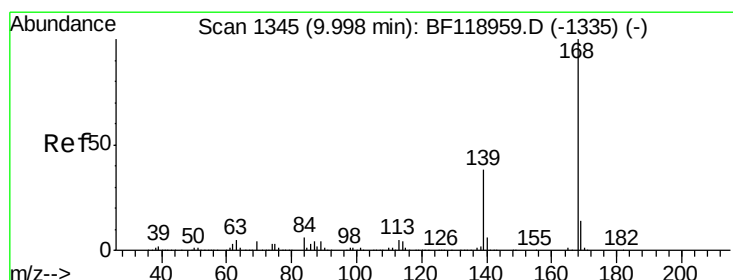
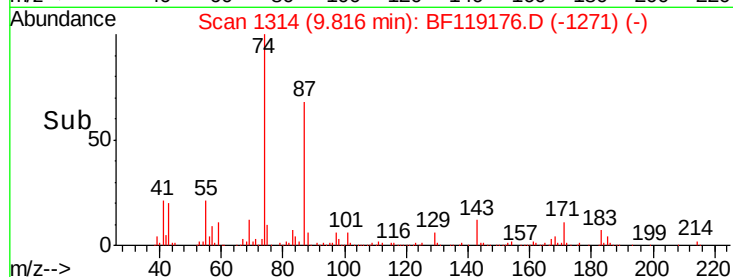
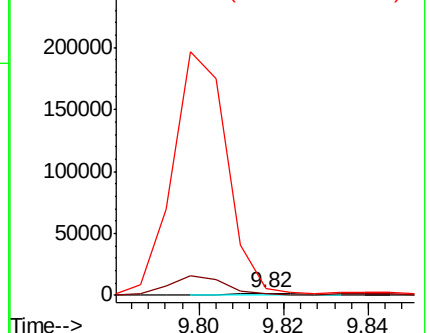
154 309.9 49.7 74.5#



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



#55

Dibenzofuran

Concen: 14.822 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BF119176.D

Acq: 2 Mar 2020 18:52

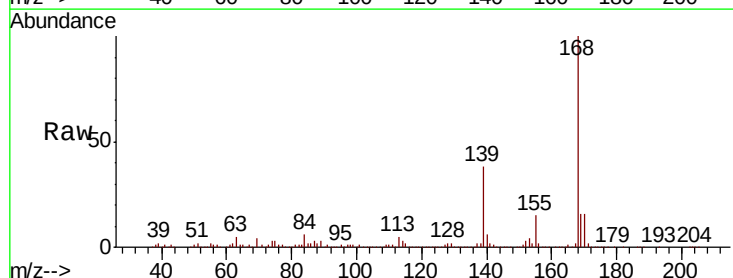
Tgt Ion:168 Resp: 300546

Ion Ratio Lower Upper

168 100

139 38.2 34.0 51.0

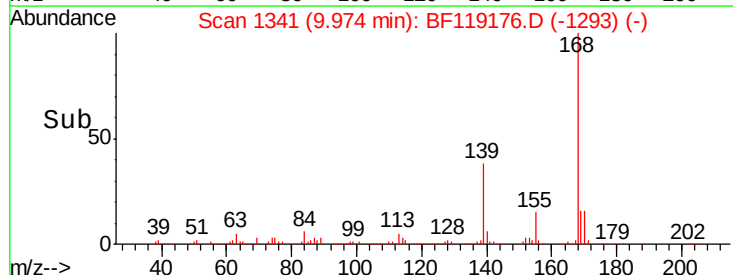
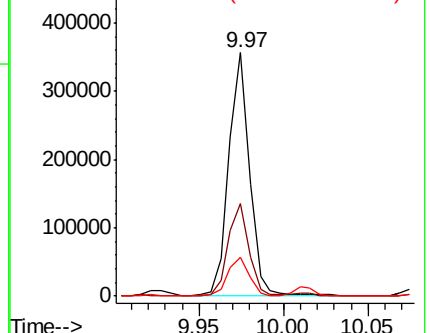
169 16.1 11.0 16.4

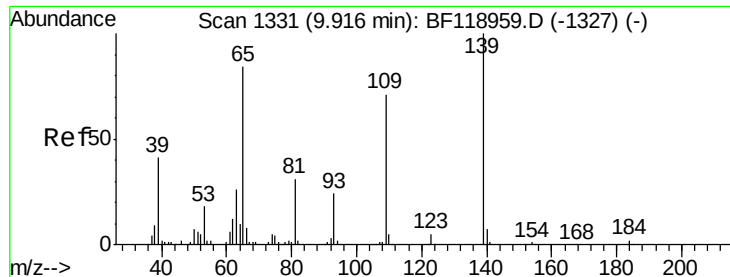


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

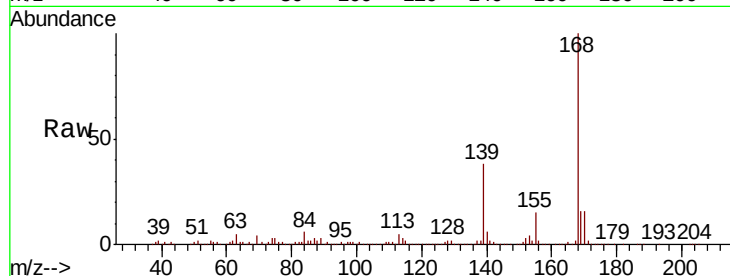




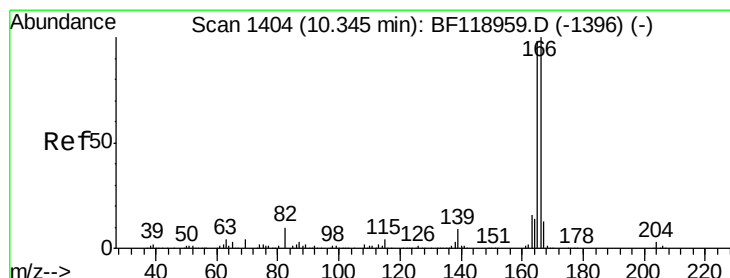
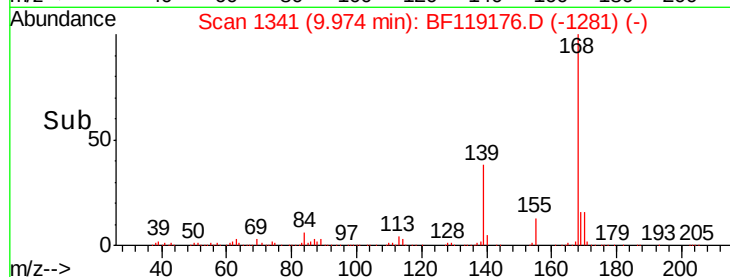
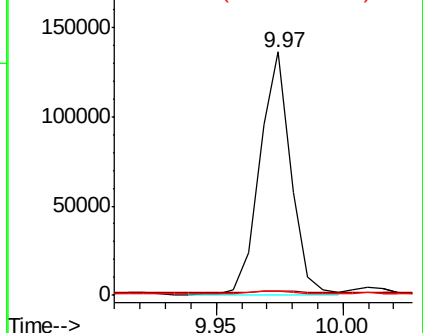
#56
4-Nitrophenol
Concen: 42.756 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.05 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 115882
Ion Ratio Lower Upper
139 100
109 1.9 56.7 96.7#
65 1.9 65.0 105.0#

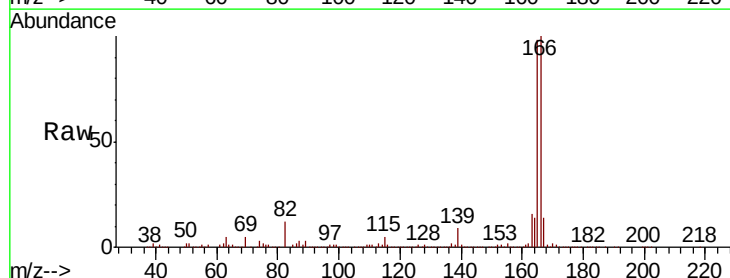


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

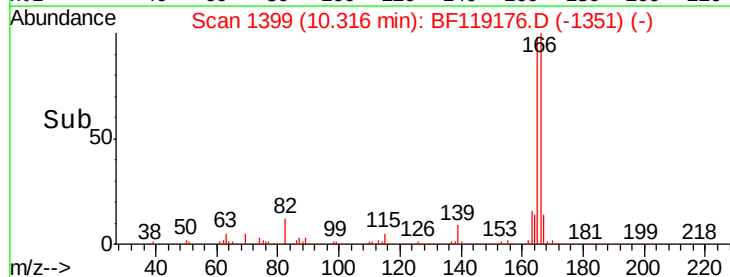
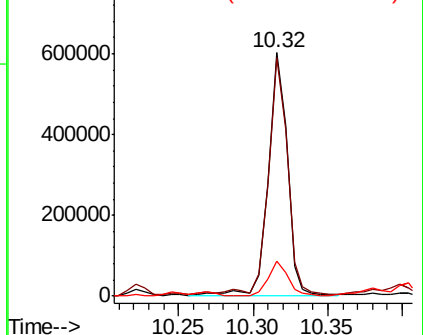


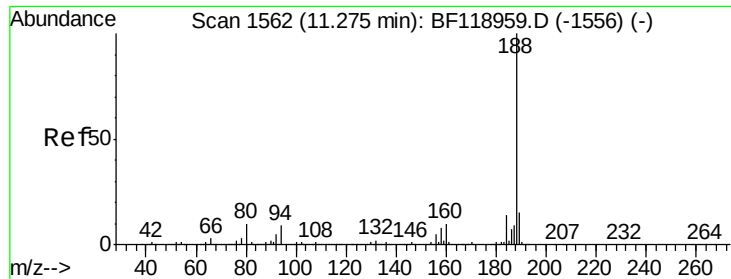
#58
Fluorene
Concen: 33.173 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

Tgt Ion:166 Resp: 522676
Ion Ratio Lower Upper
166 100
165 98.0 78.5 117.7
167 14.2 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

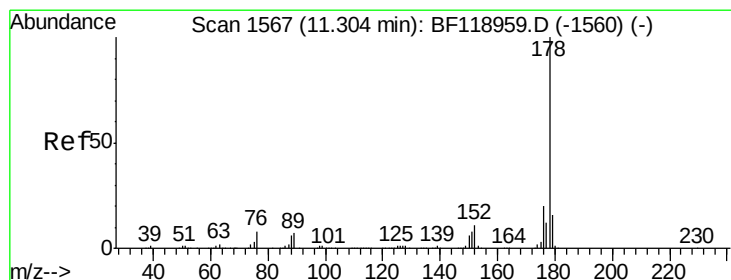
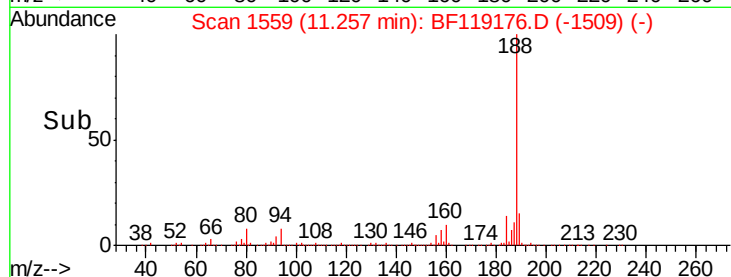
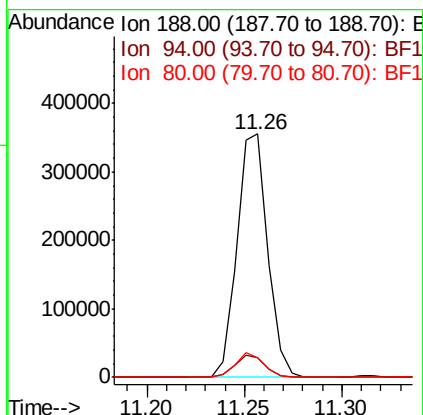
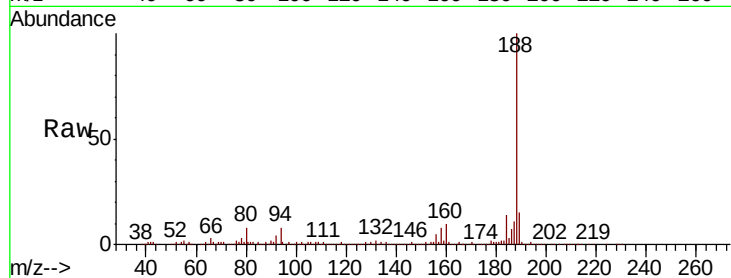




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

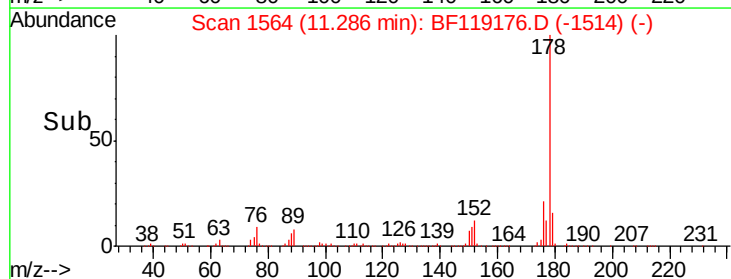
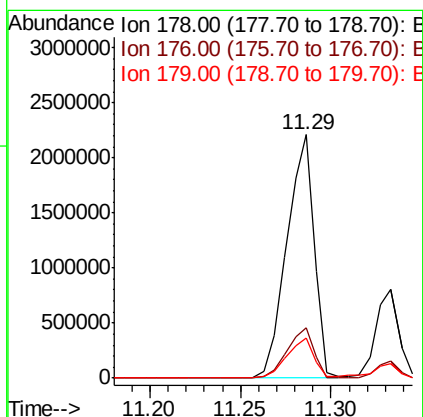
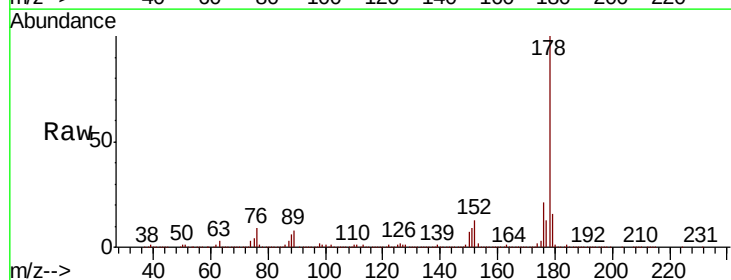
Instrument :
BNA_F
ClientSampleId :

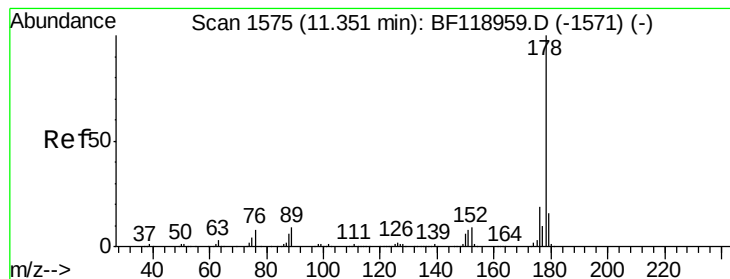
Tot Ion:188 Resp: 386720
Ion Ratio Lower Upper
188 100
94 8.2 7.1 10.7
80 8.2 7.8 11.8



#71
Phenanthrene
Concen: 110.479 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

Tgt Ion:178 Resp: 2329973
Ion Ratio Lower Upper
178 100
176 20.9 16.5 24.7
179 16.4 13.0 19.6





#72

Anthracene

Concen: 32.270 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF119176.D

Acq: 2 Mar 2020 18:52

Instrument :

BNA_F

ClientSampled :

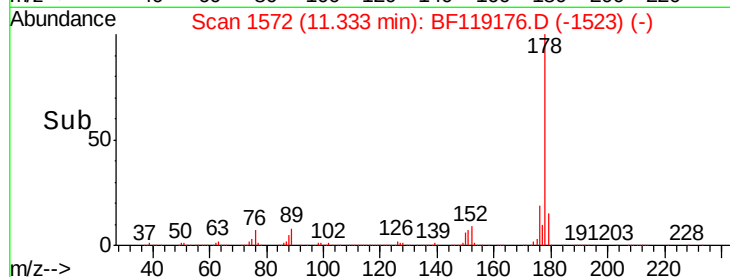
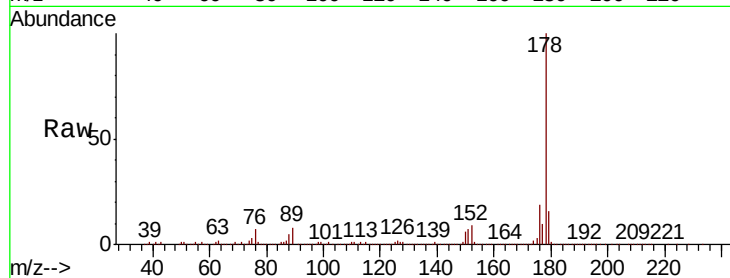
Tot Ion:178 Resp: 680012

Ion Ratio Lower Upper

178 100

176 18.7 16.0 24.0

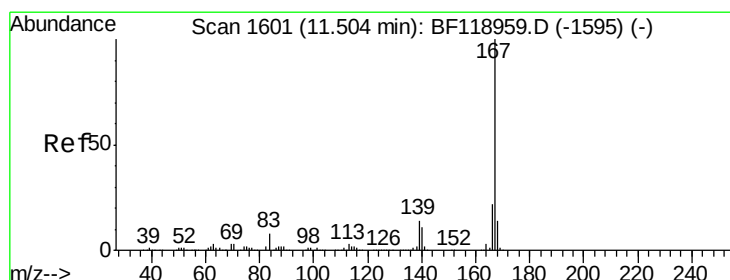
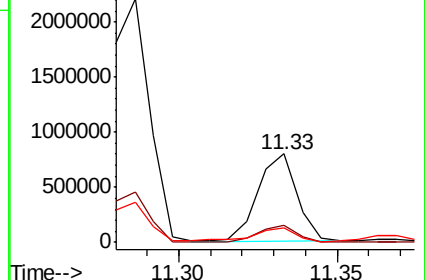
179 15.7 13.1 19.7



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: 8.092 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF119176.D

Acq: 2 Mar 2020 18:52

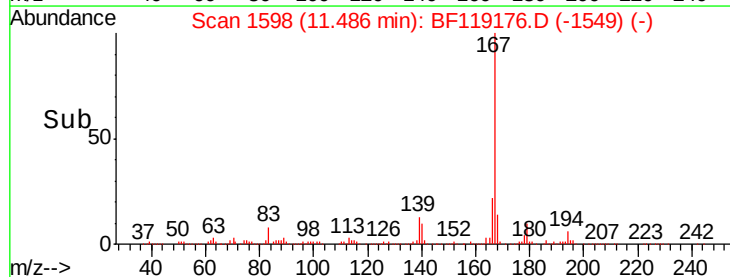
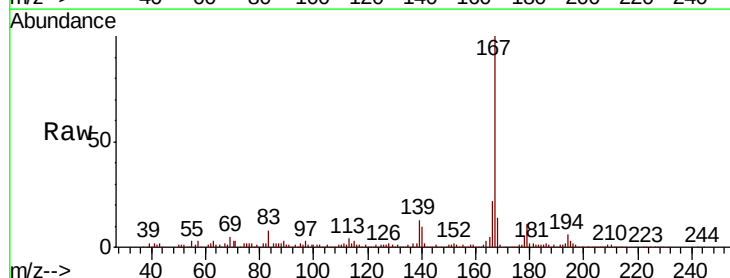
Tgt Ion:167 Resp: 151900

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.4

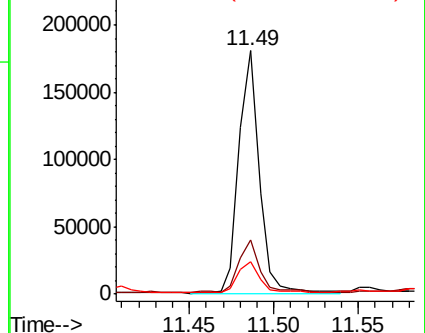
139 13.2 11.7 17.5

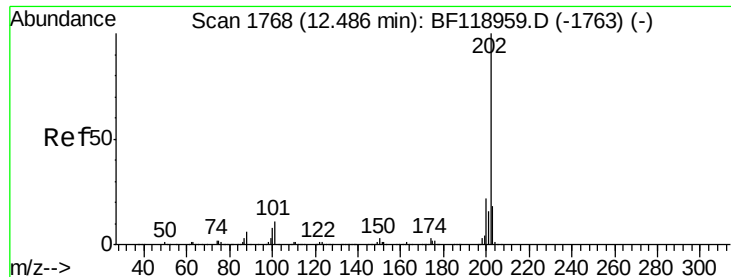


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 93.537 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119176.D

Acq: 2 Mar 2020 18:52

Instrument :

BNA_F

ClientSampled :

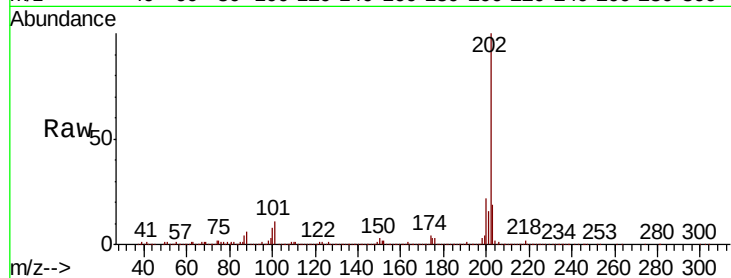
Tot Ion:202 Resp: 2093948

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

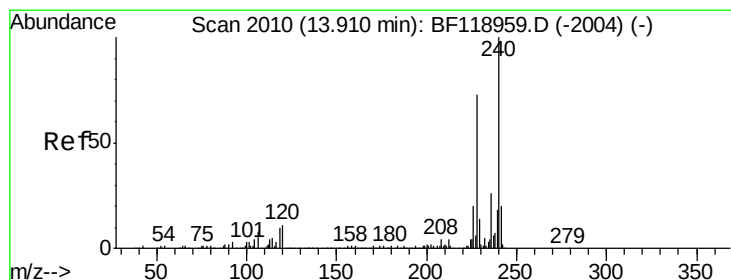
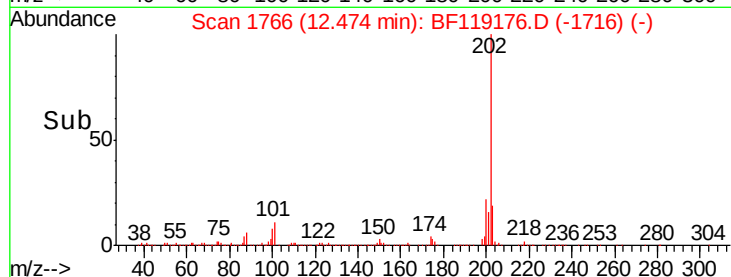
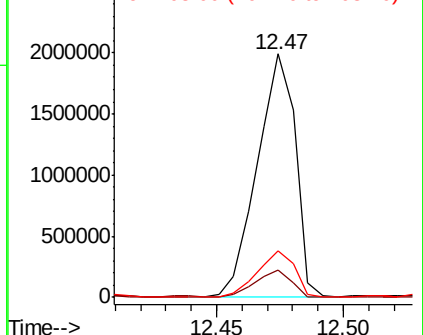
203 18.9 0.0 38.4



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: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119176.D

Acq: 2 Mar 2020 18:52

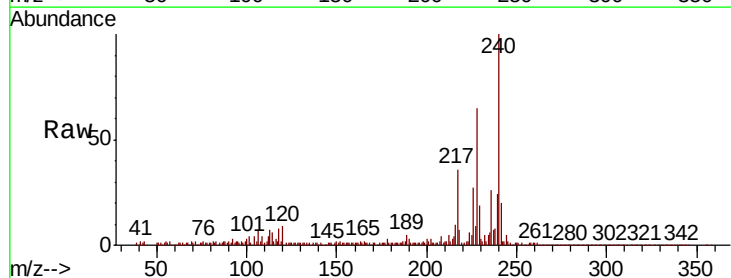
Tgt Ion:240 Resp: 301677

Ion Ratio Lower Upper

240 100

120 9.1 8.4 12.6

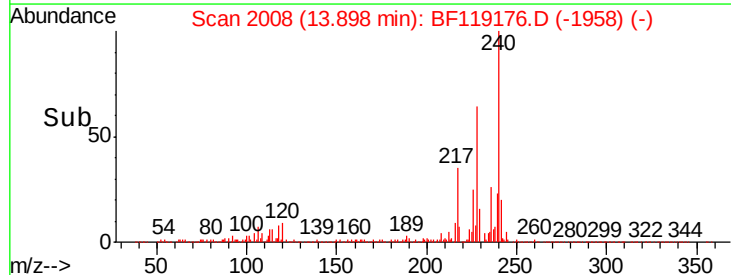
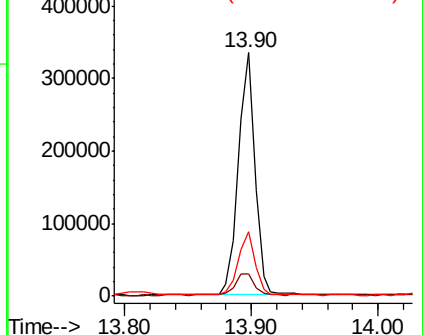
236 26.5 21.0 31.4

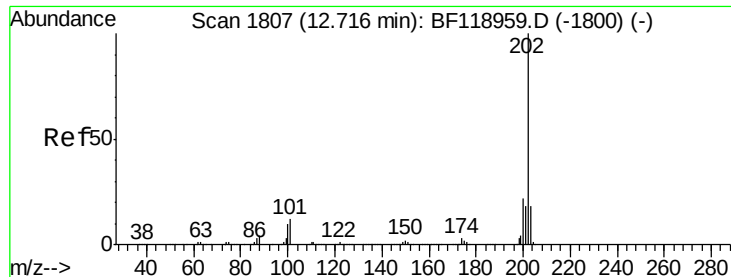


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

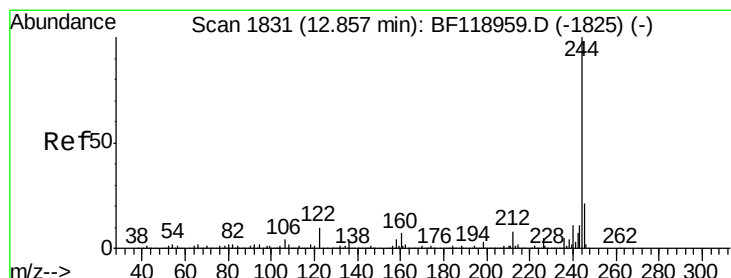
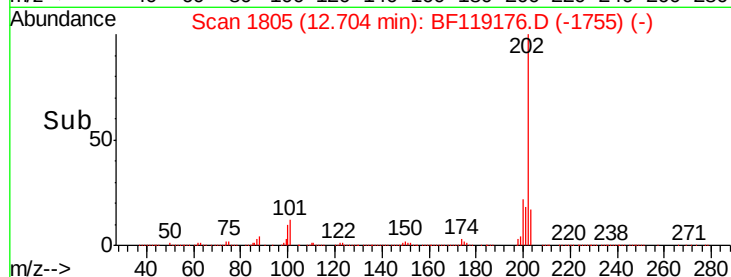
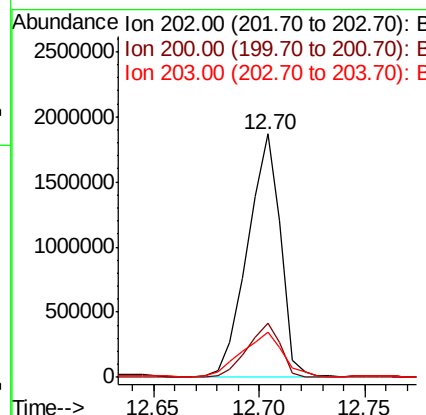
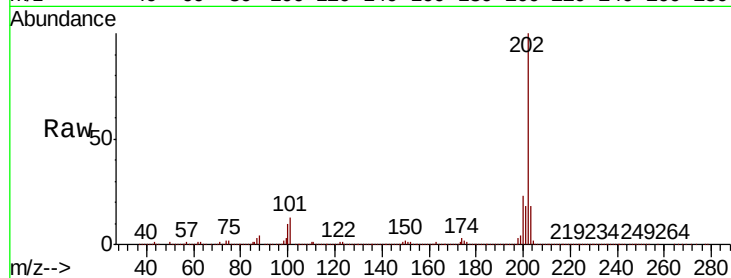




#78
Pvrene
Concen: 83.243 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

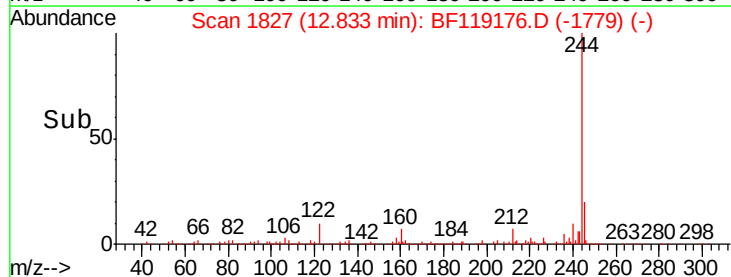
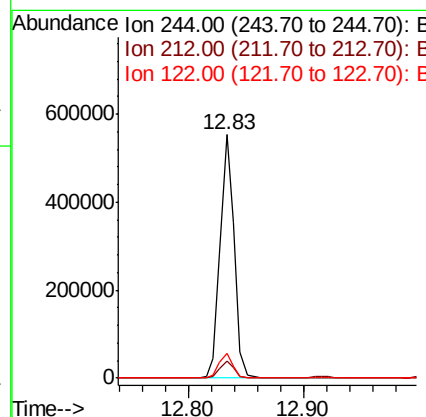
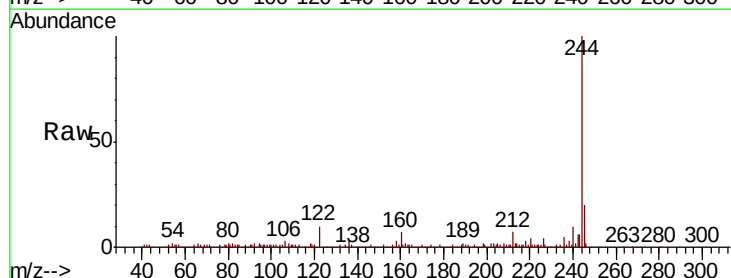
Instrument :
BNA_F
ClientSampleId :

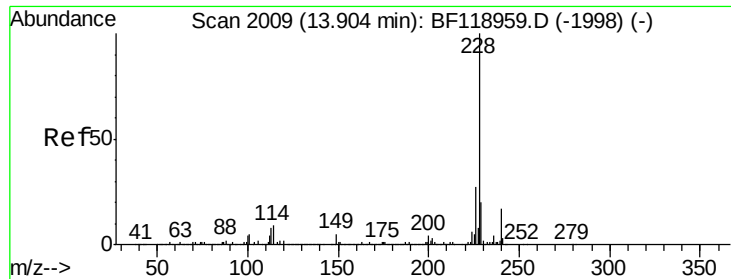
Tot Ion:202 Resp: 2016514
Ion Ratio Lower Upper
202 100
200 22.5 18.0 27.0
203 18.4 14.6 22.0



#79
Terphenyl-d14
Concen: 26.373 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

Tgt Ion:244 Resp: 462123
Ion Ratio Lower Upper
244 100
212 7.0 6.6 10.0
122 10.0 8.2 12.2

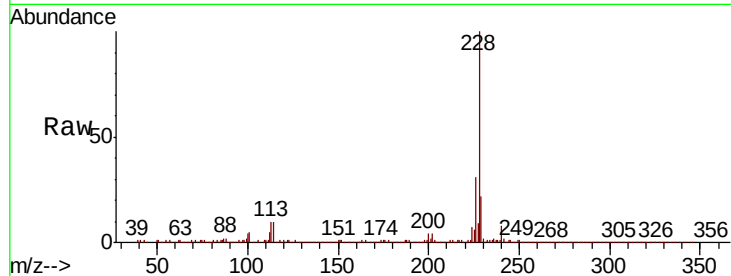




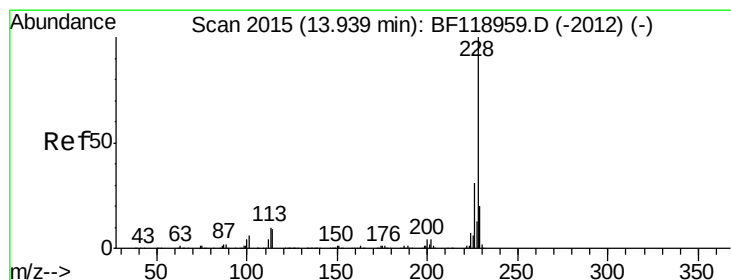
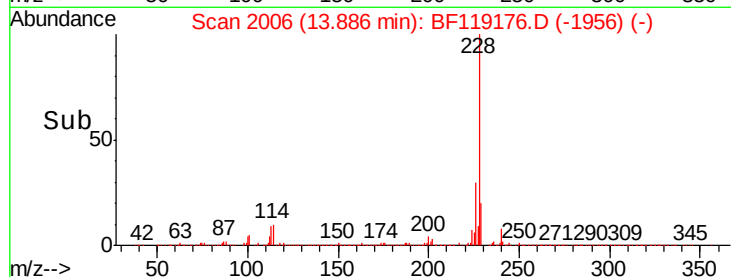
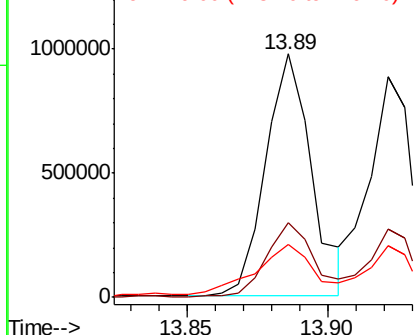
#81
Benzo(a)anthracene
Concen: 53.813 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 1106145
Ion Ratio Lower Upper
228 100
226 30.8 22.6 33.8
229 21.7 16.6 24.8

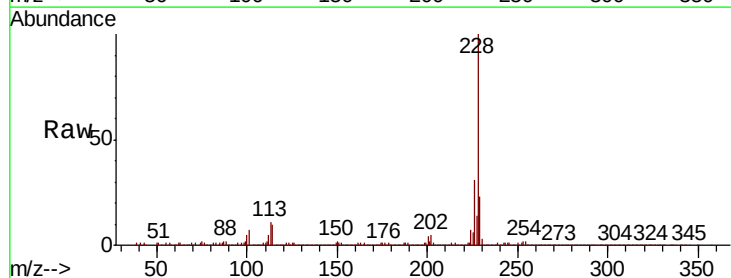


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

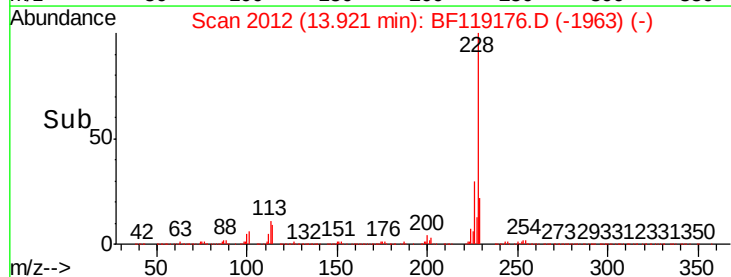
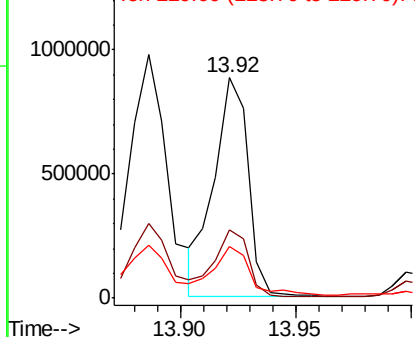


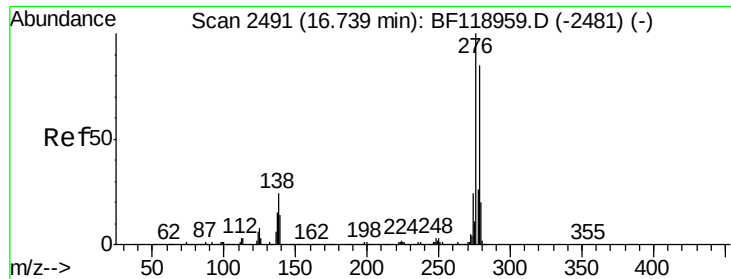
#83
Chrysene
Concen: 44.510 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

Tgt Ion:228 Resp: 911633
Ion Ratio Lower Upper
228 100
226 31.1 25.1 37.7
229 23.3 16.3 24.5



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

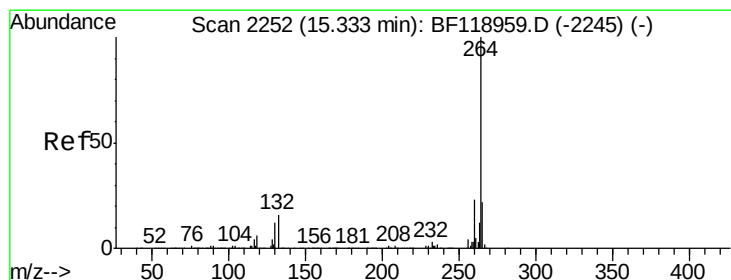
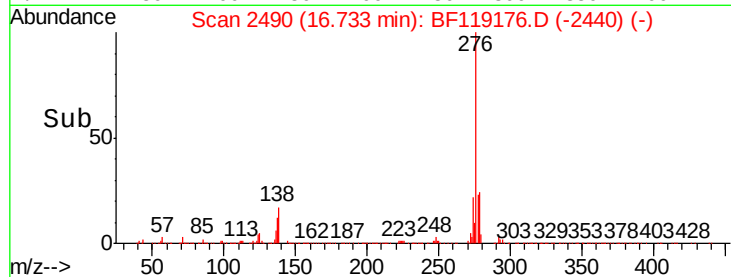
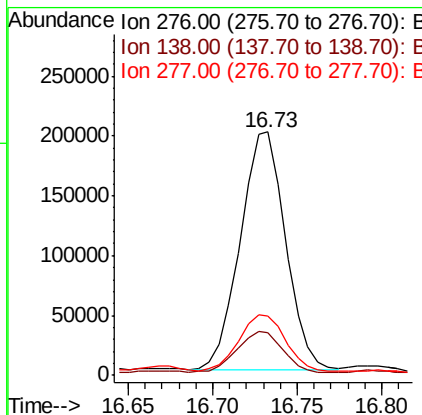
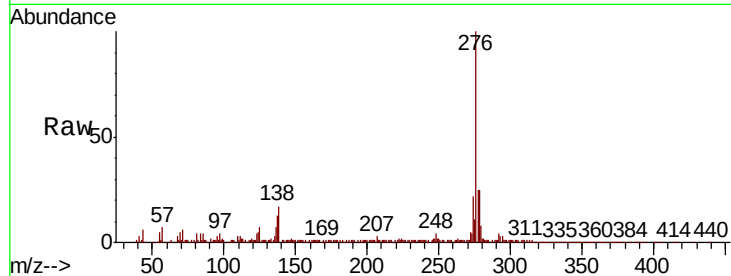




#86
Indeno(1,2,3-cd)pyrene
Concen: 18.746 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

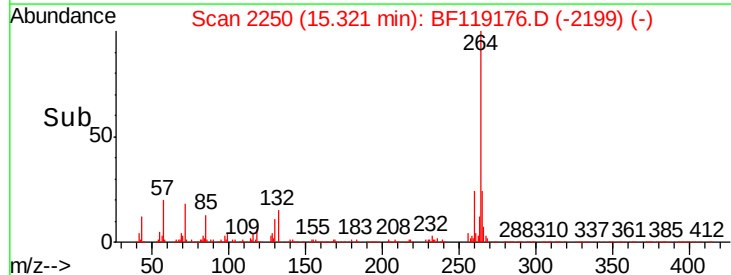
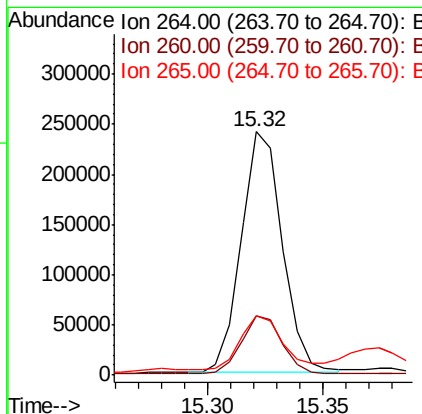
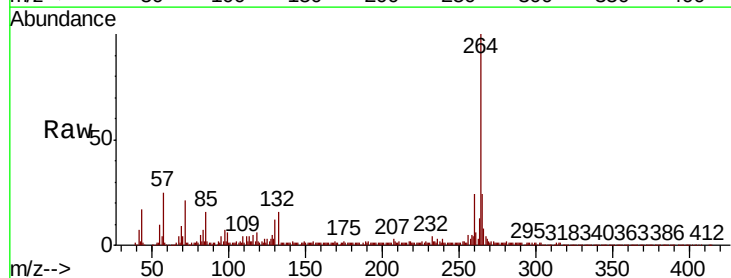
Instrument :
BNA_F
ClientSampled :

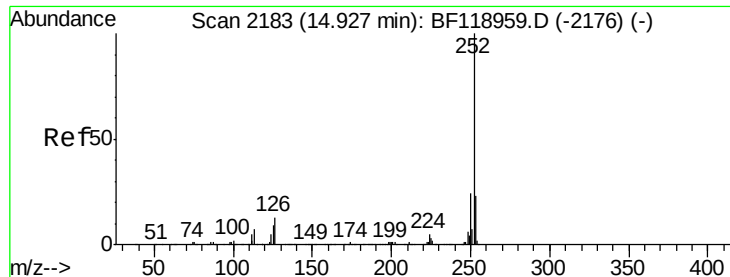
Tot Ion	Ratio	Lower	Upper
276	100		
138	17.6	17.4	26.0
277	25.0	20.3	30.5



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	24.4	17.7	26.5

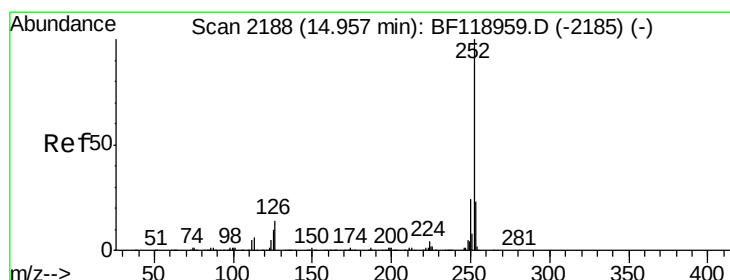
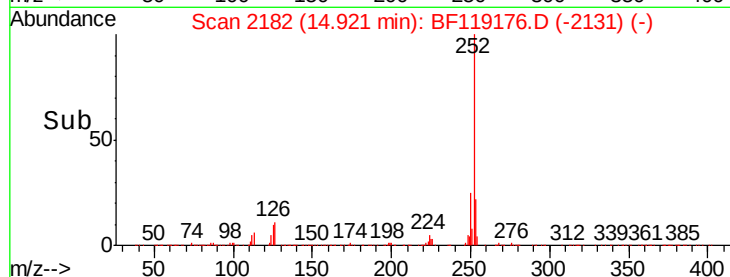
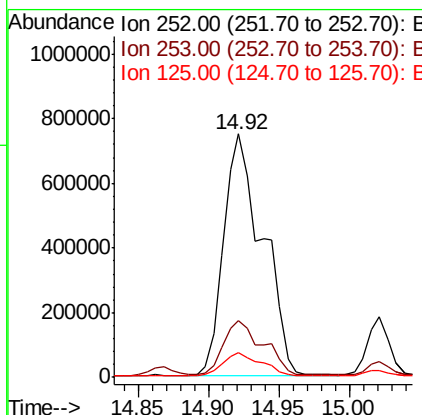
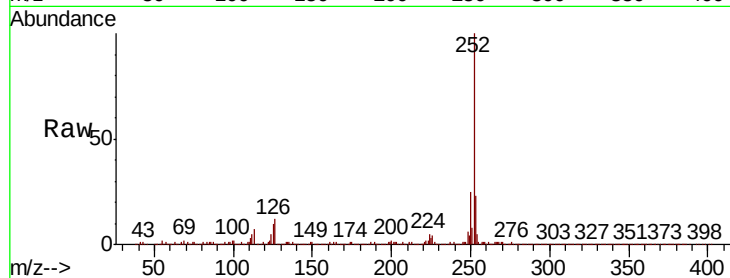




#88
Benzo(b)fluoranthene
Concen: 73.171 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

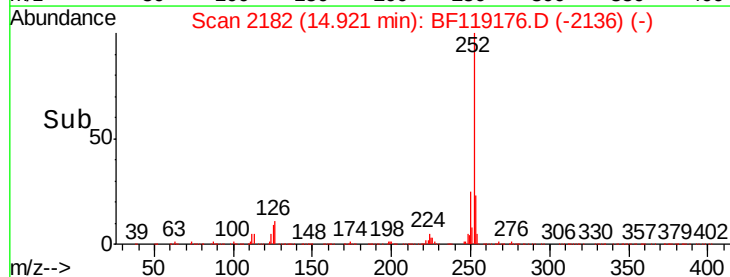
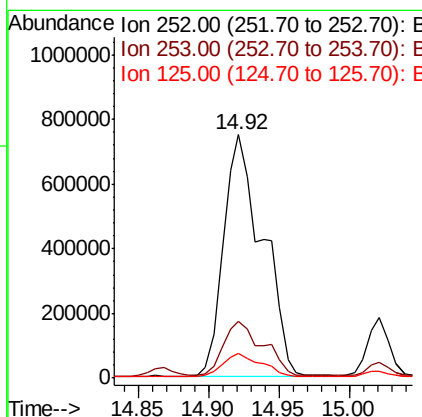
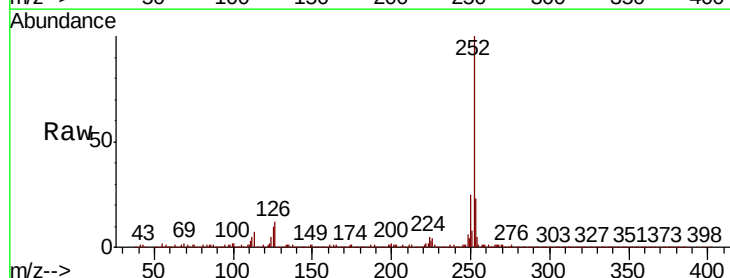
Instrument :
BNA_F
ClientSampleId :

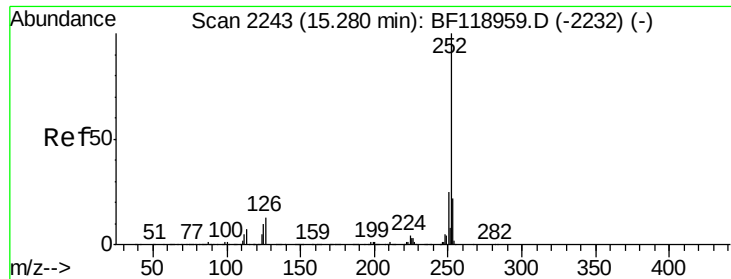
Tot Ion:252 Resp: 1443573
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 10.2 7.4 11.0



#89
Benzo(k)fluoranthene
Concen: 78.956 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.03 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

Tgt Ion:252 Resp: 1443573
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 10.2 7.5 11.3

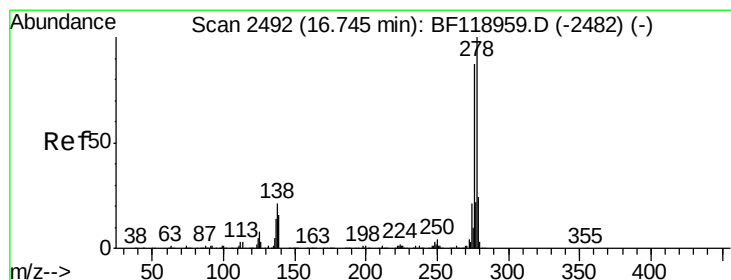
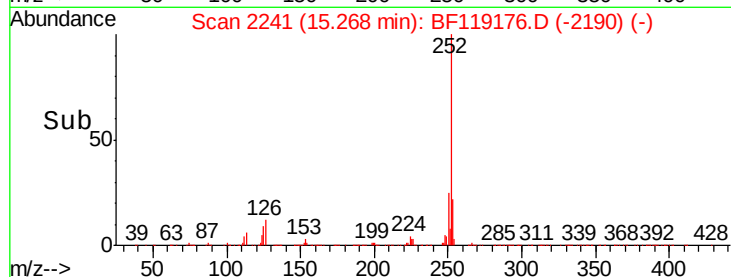
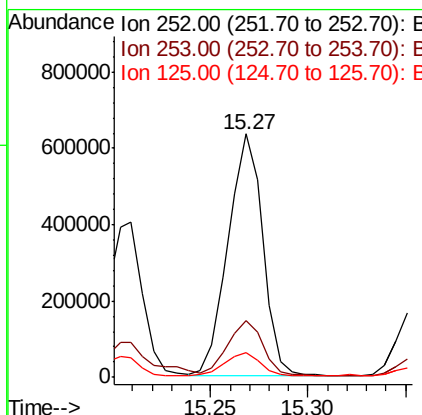
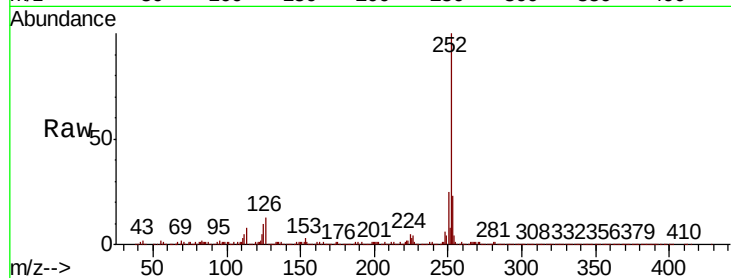




#90
Benzo(a)pyrene
Concen: 43.995 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

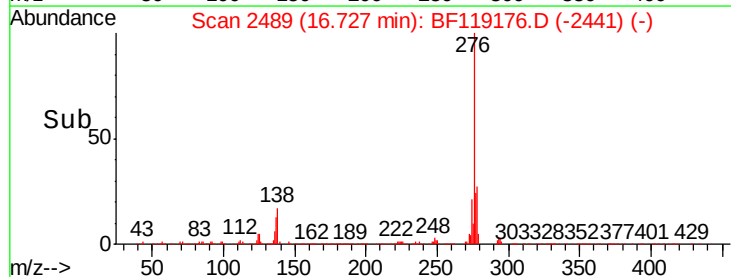
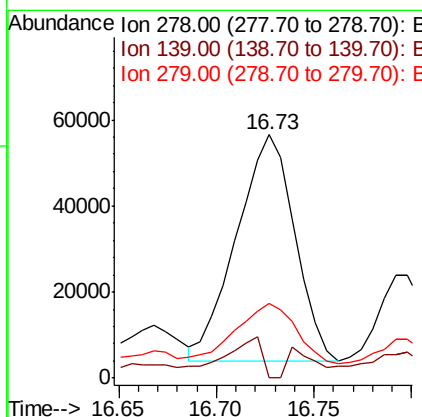
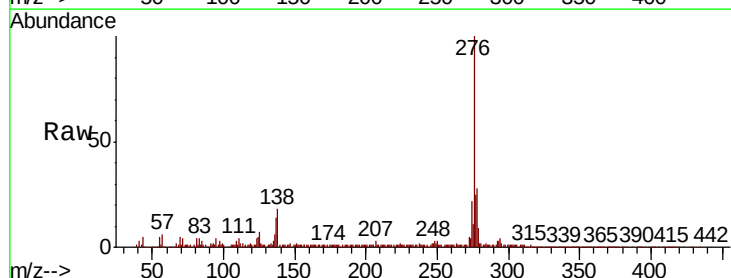
Instrument :
BNA_F
ClientSampleId :

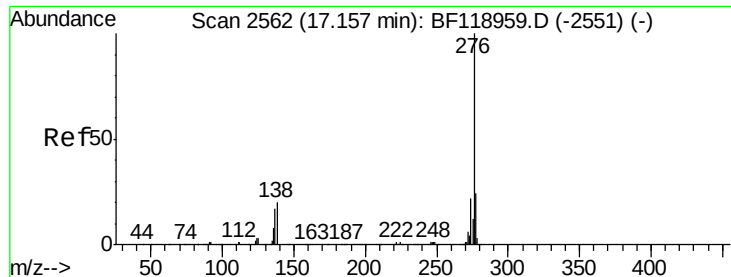
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	10.1	8.6	12.8



#91
Dibenzo(a,h)anthracene
Concen: 6.919 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.02 min
Lab File: BF119176.D
Acq: 2 Mar 2020 18:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.0	16.4#
279	30.7	18.6	28.0#





#92
 Benzo(a,h,i)perylene
 Concen: 22.239 ng
 RT: 17.16 min Scan# 2562
 Delta R.T. -0.00 min
 Lab File: BF119176.D
 Acq: 2 Mar 2020 18:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.7	28.1
138	17.7	14.3	21.5

