

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103275.D
 Acq On : 27 Feb 2018 20:41
 Operator : SJ/JU
 Sample : J1698-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 00:02:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	155988	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	619648	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	240949	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	347730	20.00	ng	0.00
75) Chrysene-d12	14.07	240	199487	20.00	ng	0.01
86) Perylene-d12	15.57	264	188026	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	115368	11.19	ng	0.00
7) Phenol-d6	6.50	99	145729	11.55	ng	0.00
23) Nitrobenzene-d5	7.43	82	84646	7.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	16767	8.22	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	149569	6.55	ng	0.00
78) Terphenyl-d14	12.99	244	83966	10.12	ng	0.00

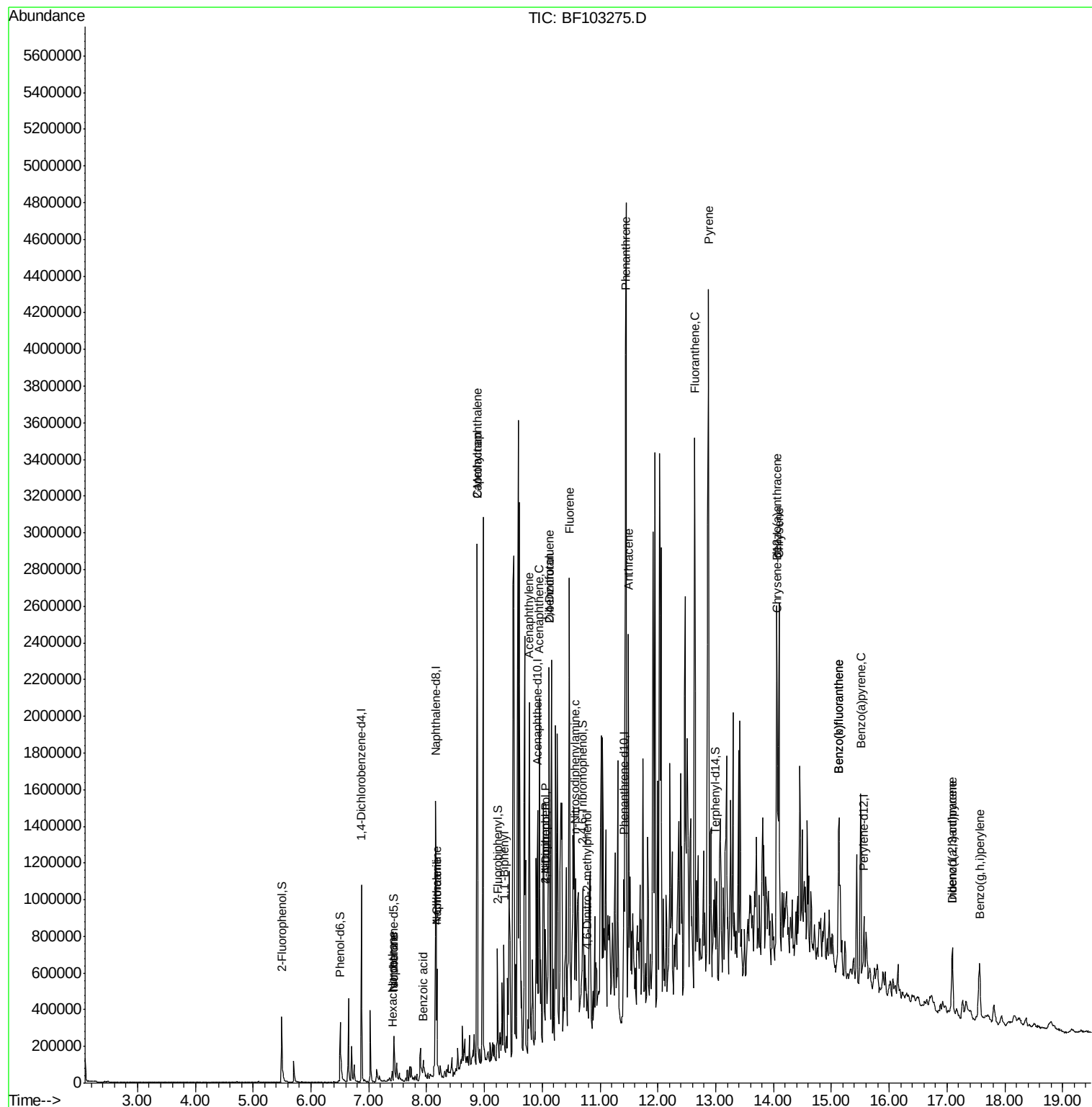
Target Compounds				Qvalue		
9) Benzaldehyde	6.43	77	971	Below Cal	#	1
18) Hexachloroethane	7.40	117	10550	2.36	ng	51
25) Isophorone	7.43	82	84645	3.96	ng	64
31) Naphthalene	8.18	128	228373	7.53	ng	98
32) Benzoic acid	7.95	122	136	6.93	ng	1
33) 4-Chloroaniline	8.18	127	31457	2.40	ng	31
35) Caprolactam	8.87	113	17678	6.11	ng	1
37) 2-Methylnaphthalene	8.87	142	737872	37.63	ng	98
45) 1,1'-Biphenyl	9.33	154	166717	8.26	ng	97
48) Acenaphthylene	9.78	152	223670	9.10	ng	# 85
51) Acenaphthene	9.95	154	304689	21.26	ng	98
53) 2,4-Dinitrophenol	10.05	184	513	9.93	ng	# 1
54) Dibenzofuran	10.12	168	106756	5.43	ng	# 51
55) 4-Nitrophenol	10.06	139	11187	3.51	ng	# 51
56) 2,4-Dinitrotoluene	10.12	165	19216	3.75	ng	# 39
57) Fluorene	10.47	166	673938	40.21	ng	# 99
64) 4,6-Dinitro-2-methylphenol	10.78	198	6315	7.62	ng	86
65) n-Nitrosodiphenylamine	10.57	169	107371	8.87	ng	98
70) Phenanthrene	11.45	178	2478783	129.53	ng	99
71) Anthracene	11.49	178	765054	38.99	ng	99
74) Fluoranthene	12.64	202	1394398	72.51	ng	100
77) Pyrene	12.87	202	2056743	132.24	ng	98
80) Benzo(a)anthracene	14.06	228	856894	66.20	ng	95
82) Chrysene	14.10	228	810942	64.53	ng	97
85) Indeno(1,2,3-cd)pyrene	17.09	276	218558	21.97	ng	97
87) Benzo(b)fluoranthene	15.13	252	706218	57.13	ng	# 93
88) Benzo(k)fluoranthene	15.13	252	706218	60.66	ng	# 96
89) Benzo(a)pyrene	15.51	252	544580	49.33	ng	96
90) Dibenzo(a,h)anthracene	17.09	278	73534	8.62	ng	# 83
91) Benzo(g,h,i)perylene	17.56	276	269560	32.33	ng	96

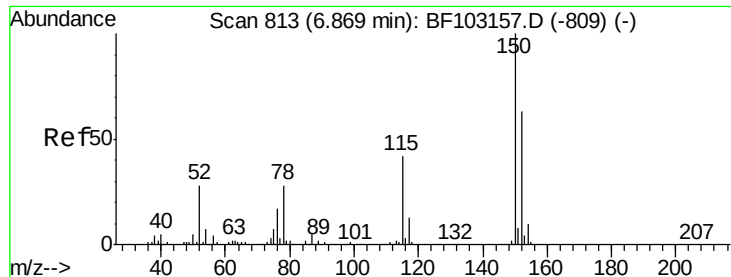
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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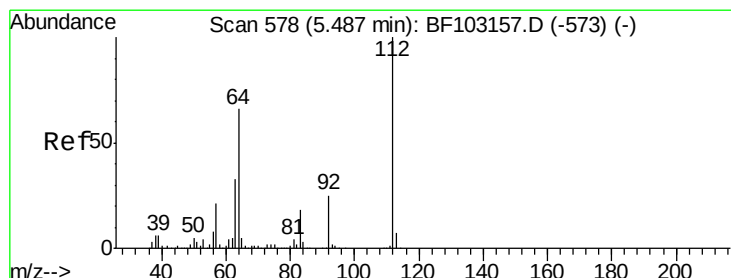
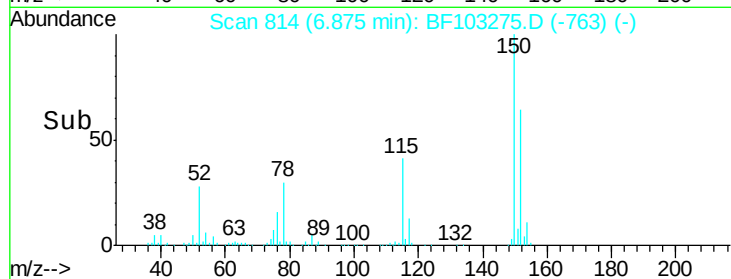
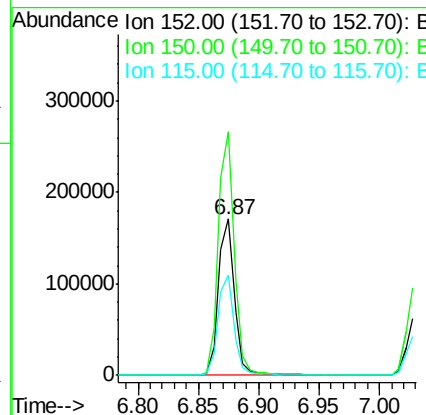
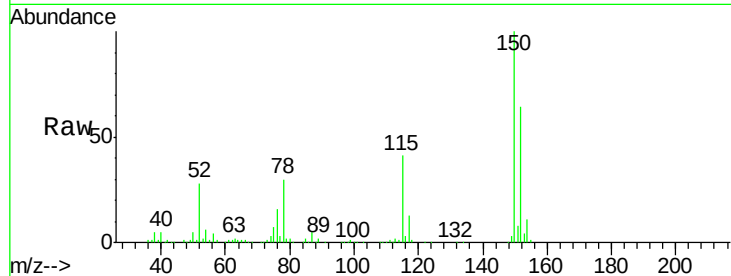


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103275.D
Acq: 27 Feb 2018 20:41

Instrument :
BNA_F
ClientSampleId :

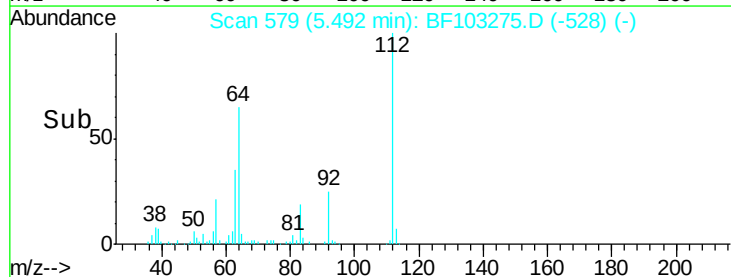
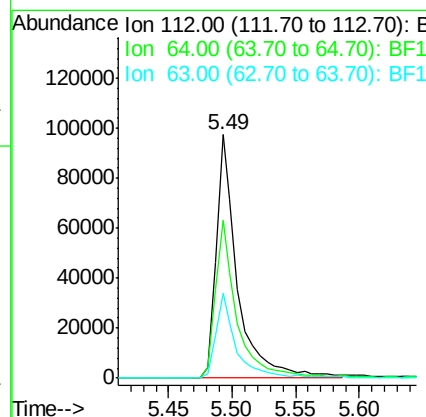
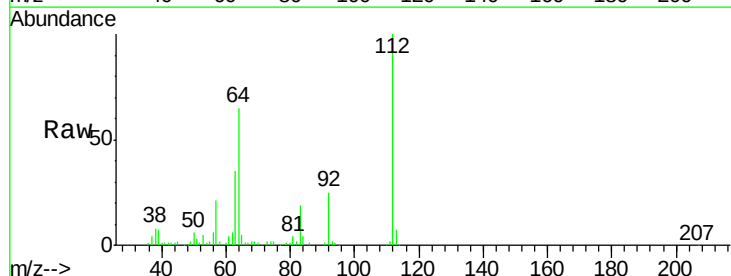
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	63.9	50.1	75.1

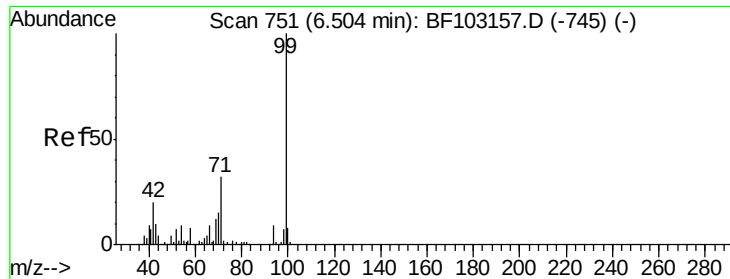


#5

2-Fluorophenol
Concen: 11.19 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF103275.D
Acq: 27 Feb 2018 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	47.9	71.9
63	34.6	23.7	35.5





#7

Phenol-d6

Concen: 11.55 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

Instrument :

BNA_F

ClientSampleId :

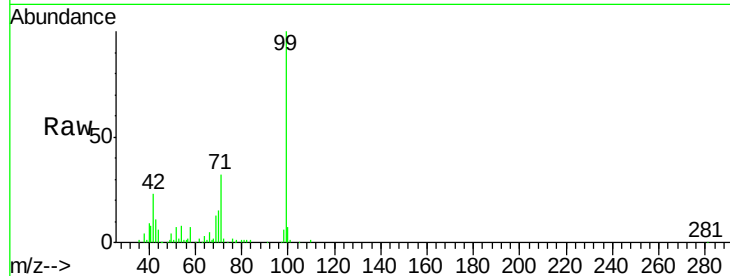
Tot Ion: 99 Resp: 145729

Ion Ratio Lower Upper

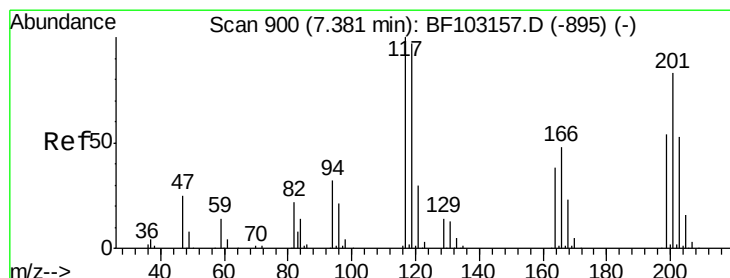
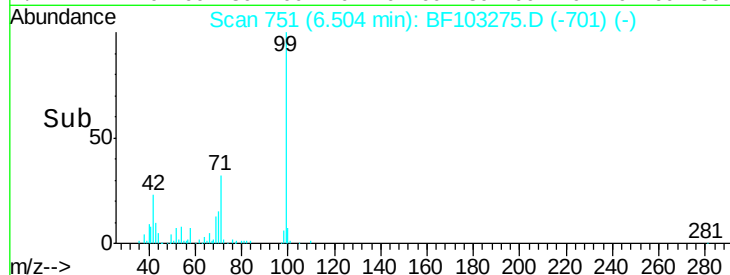
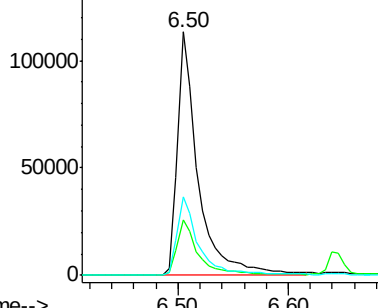
99 100

42 22.7 14.5 21.7#

71 32.0 25.4 38.0



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



#18

Hexachloroethane

Concen: 2.36 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.02 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

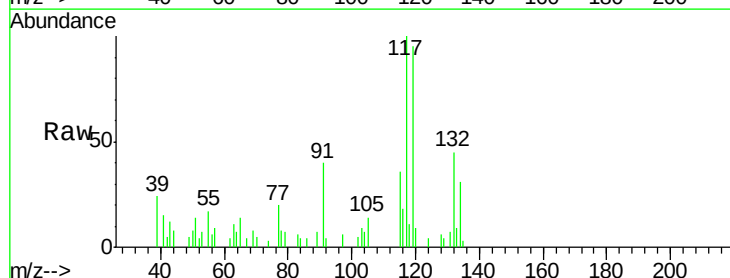
Tgt Ion: 117 Resp: 10550

Ion Ratio Lower Upper

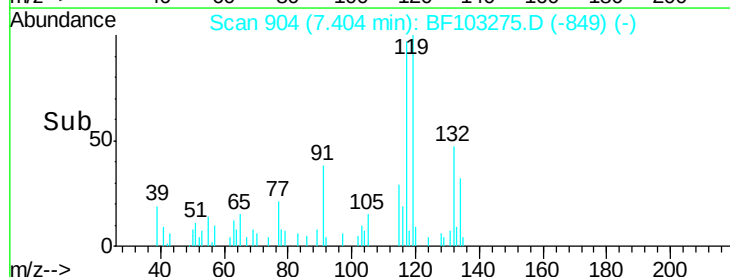
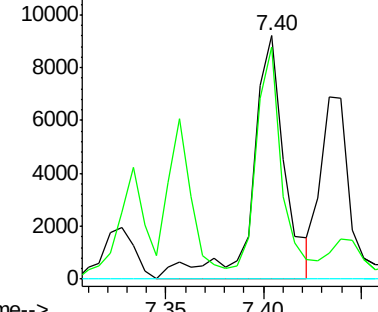
117 100

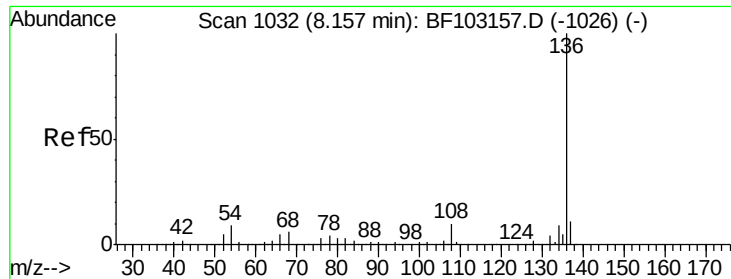
119 95.3 75.8 113.8

201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

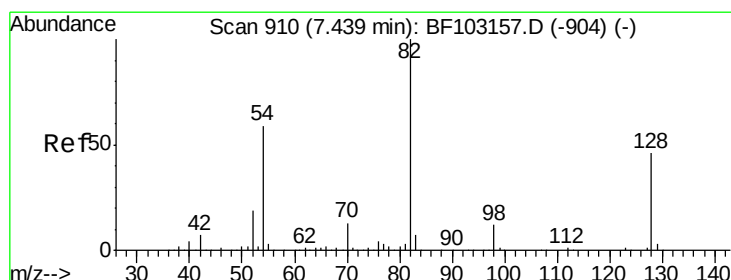
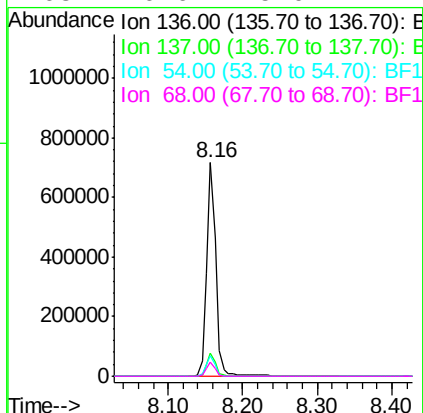
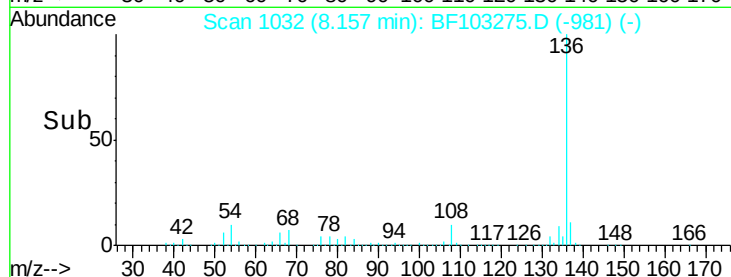
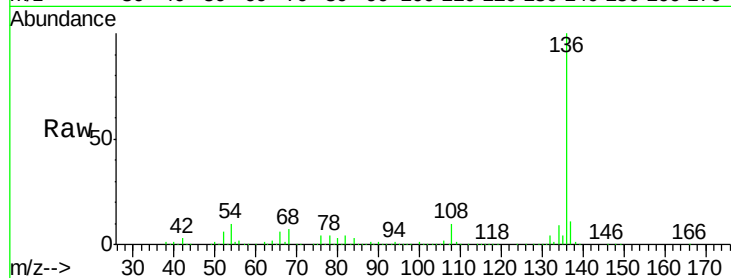




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103275.D
Acq: 27 Feb 2018 20:41

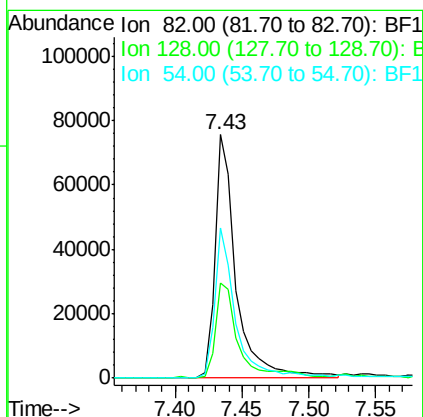
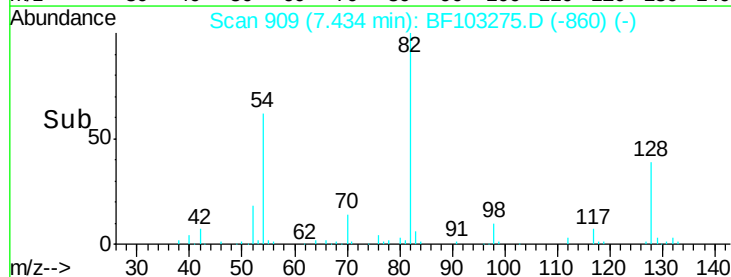
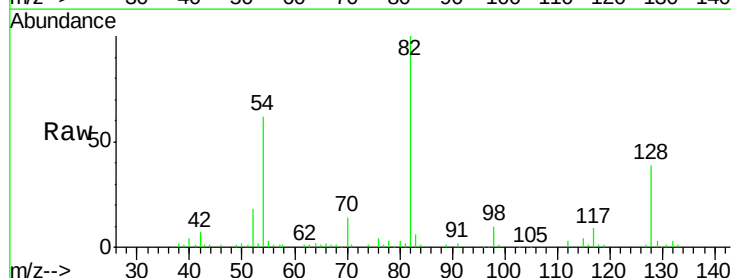
Instrument :
BNA_F
ClientSampleId :

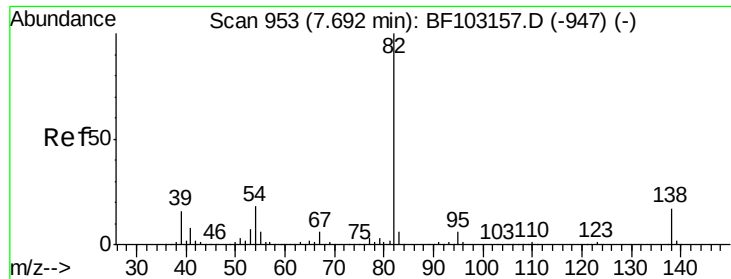
Tot Ion:136	Resp:	619648
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	9.6	6.6 9.8
68	6.6	5.0 7.4



#23
Nitrobenzene-d5
Concen: 7.80 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103275.D
Acq: 27 Feb 2018 20:41

Tgt Ion: 82	Resp:	84646
Ion	Ratio	Lower Upper
82	100	
128	39.3	36.1 54.1
54	61.7	41.4 62.2





#25

Isophorone

Concen: 3.96 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

Instrument :

BNA_F

ClientSampled :

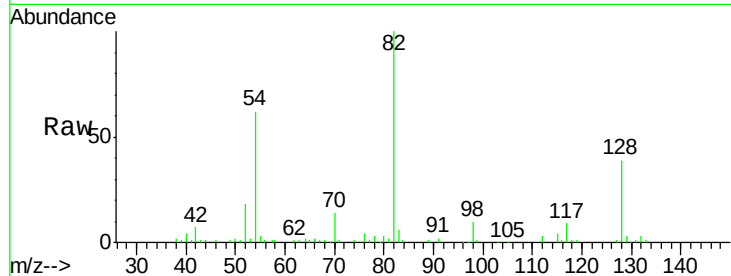
Tot Ion: 82 Resp: 84645

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

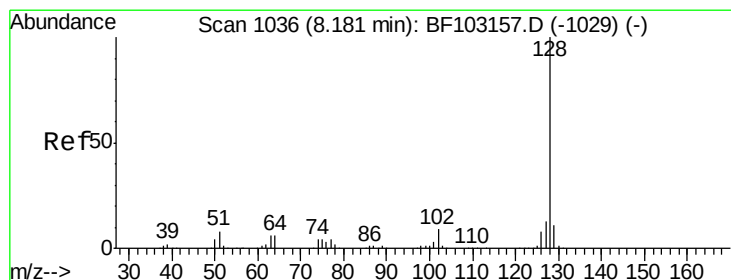
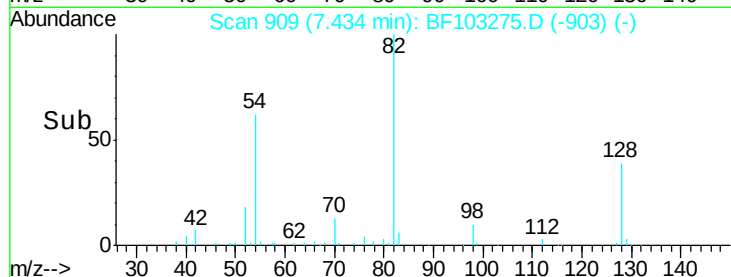
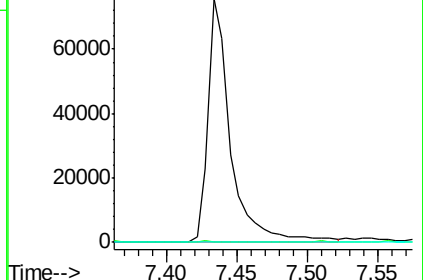
138 0.0 14.9 22.3#



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: 7.53 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

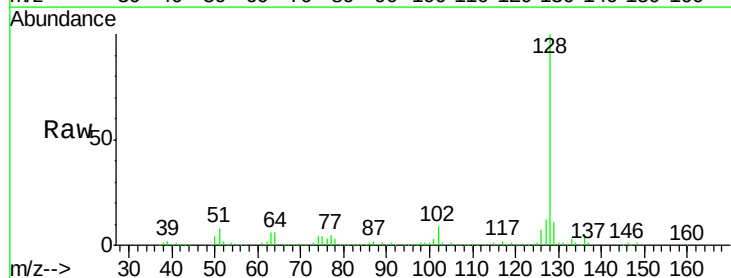
Tgt Ion: 128 Resp: 228373

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

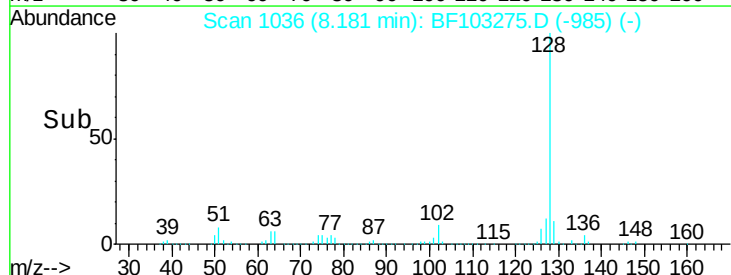
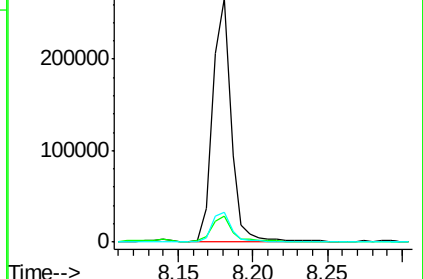
127 12.4 10.9 16.3

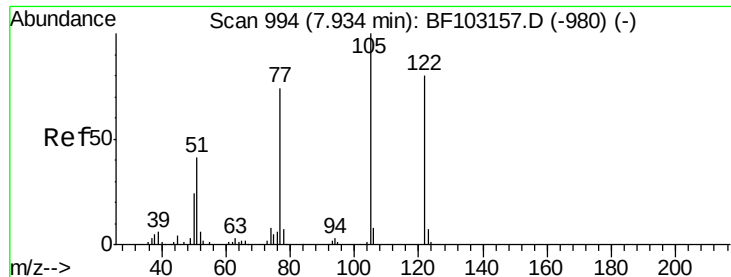


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 6.93 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF103275.D

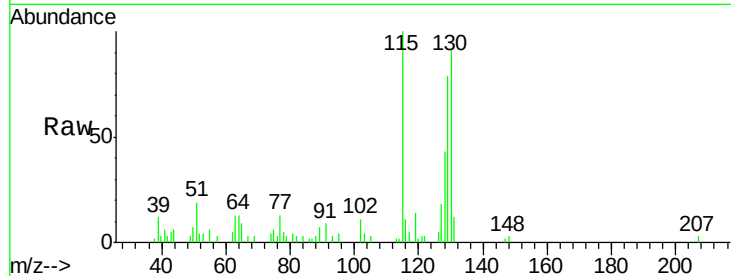
Acq: 27 Feb 2018 20:41

Instrument :

BNA_F

ClientSampleId :

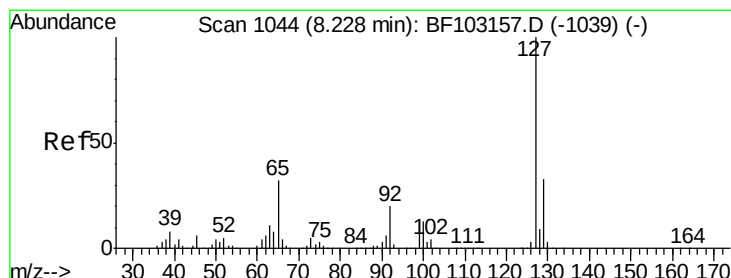
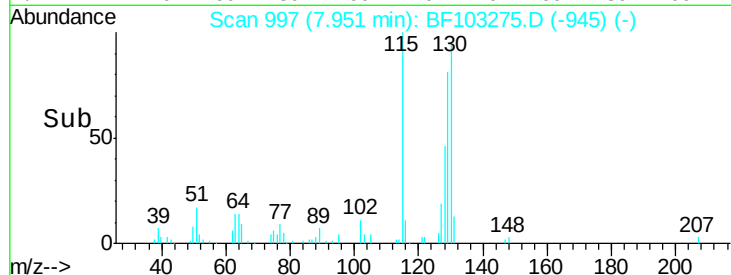
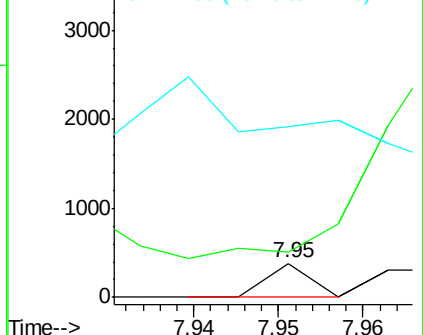
Tot Ion:	122	Resp:	136
Ion	Ratio	Lower	Upper
122	100		
105	134.1	101.1	141.1
77	500.0	70.7	110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 2.40 ng

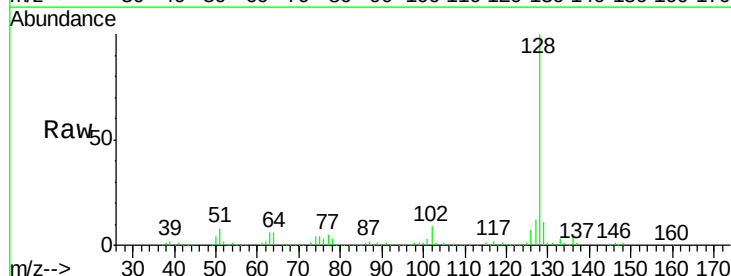
RT: 8.18 min Scan# 1036

Delta R.T. -0.05 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

Tgt Ion:	127	Resp:	31457
Ion	Ratio	Lower	Upper
127	100		
129	87.1	25.9	38.9#
65	0.0	25.0	37.4#
92	1.1	15.2	22.8#

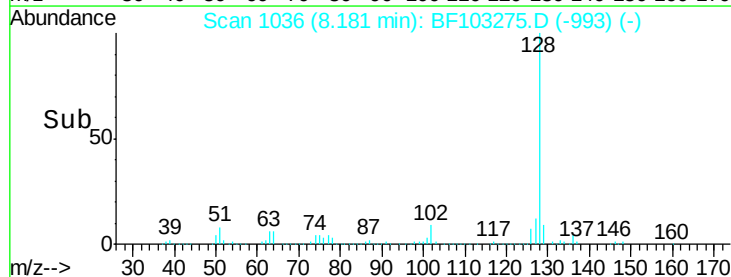
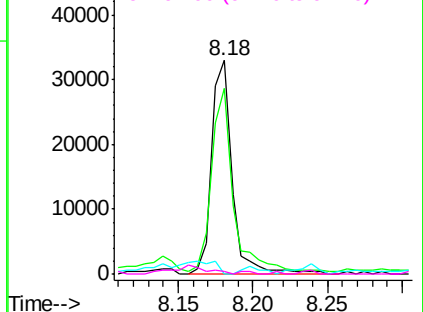


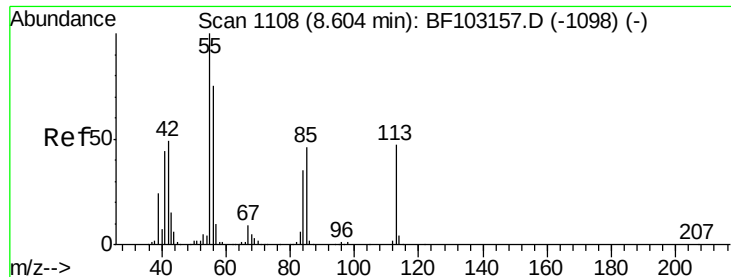
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#35

Caprolactam

Concen: 6.11 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.26 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

Instrument :

BNA_F

ClientSampled :

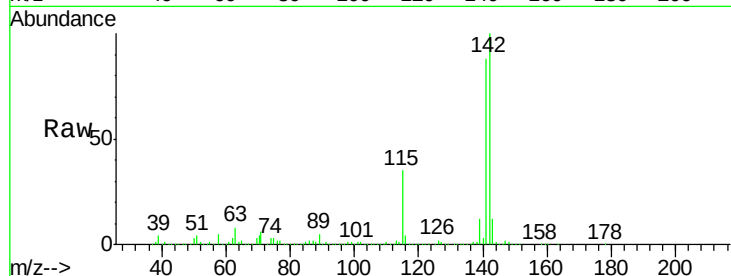
Tot Ion:113 Resp: 17678

Ion Ratio Lower Upper

113 100

55 24.8 163.3 203.3#

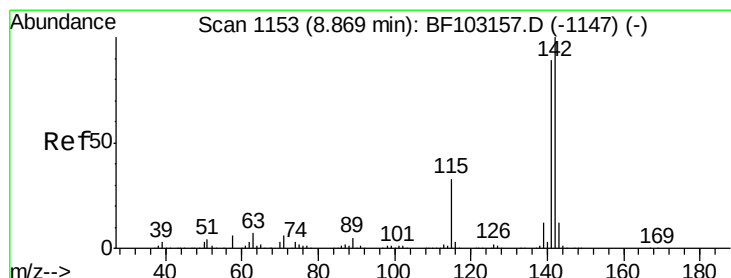
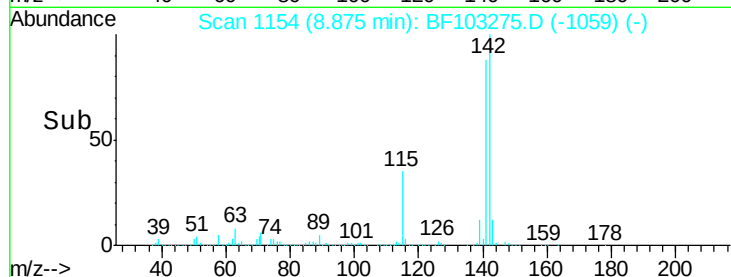
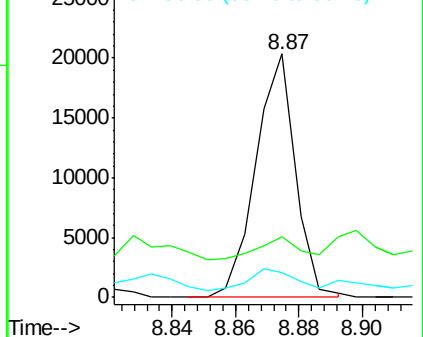
56 10.2 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#37

2-Methylnaphthalene

Concen: 37.63 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

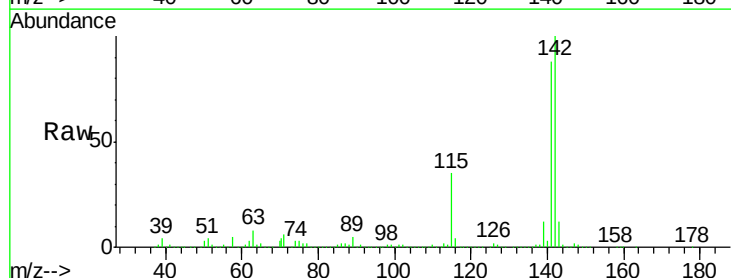
Tgt Ion:142 Resp: 737872

Ion Ratio Lower Upper

142 100

141 87.6 70.8 106.2

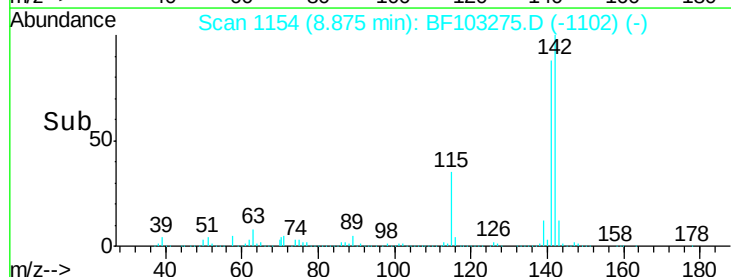
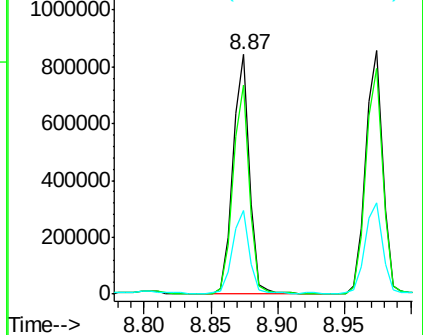
115 35.0 26.1 39.1

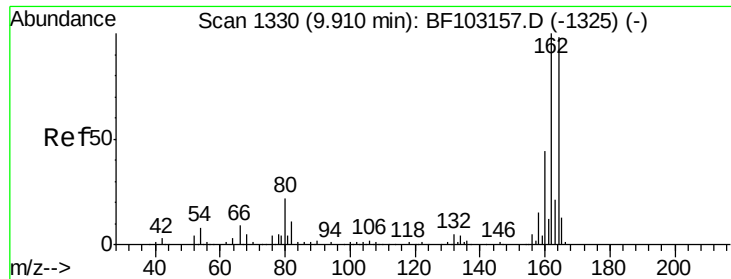


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

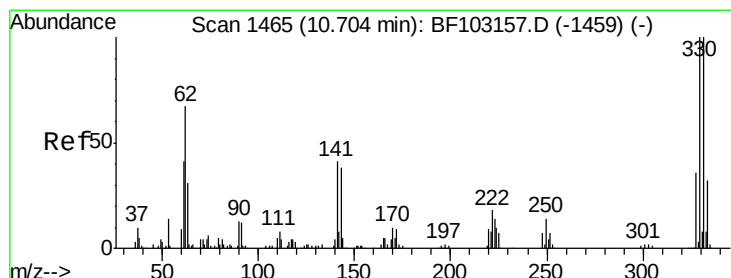
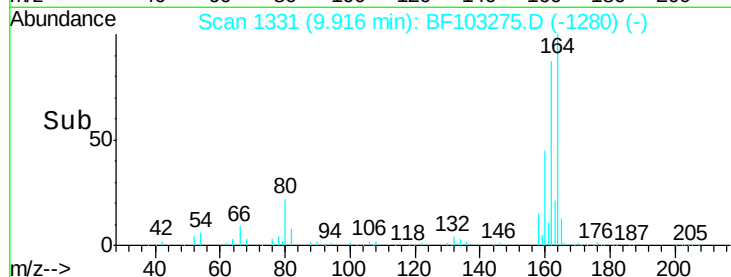
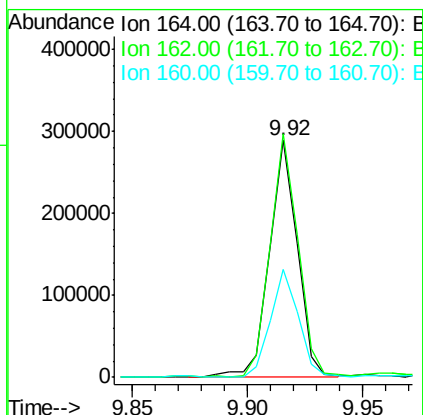
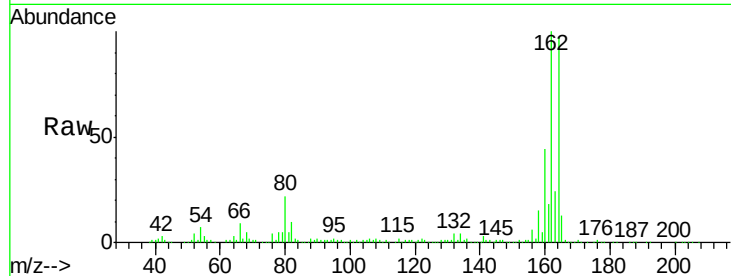




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF103275.D
 Acq: 27 Feb 2018 20:41

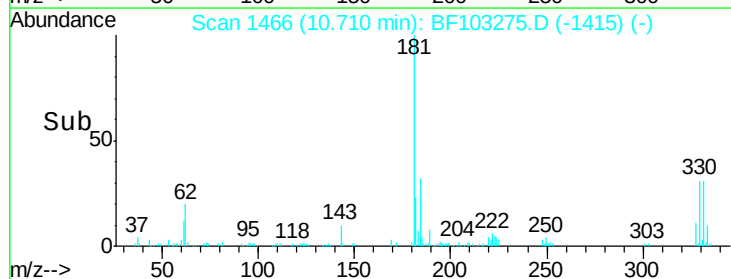
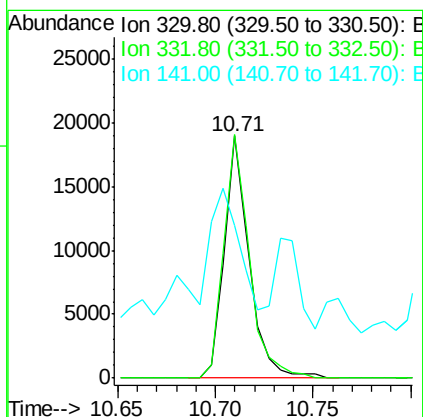
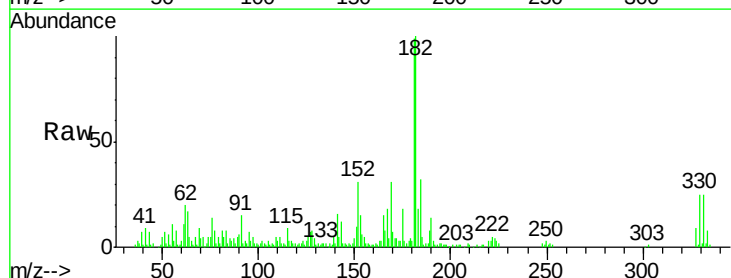
Instrument :
 BNA_F
 ClientSampleId :

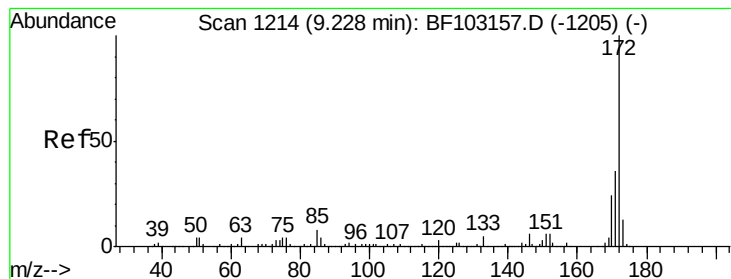
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	45.4	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 8.22 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103275.D
 Acq: 27 Feb 2018 20:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.0	77.0	115.6
141	127.2	29.9	44.9#





#44

2-Fluorobiphenyl

Concen: 6.55 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

Instrument :

BNA_F

ClientSampleId :

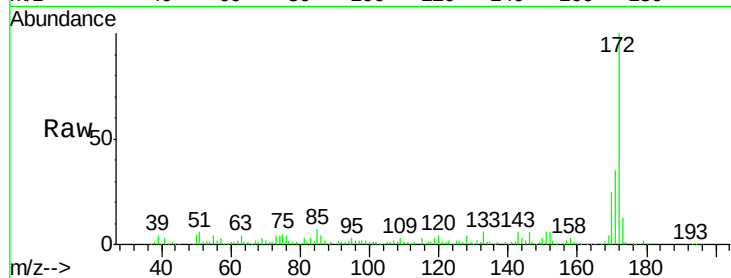
Tot Ion:172 Resp: 149569

Ion Ratio Lower Upper

172 100

171 34.9 29.7 44.5

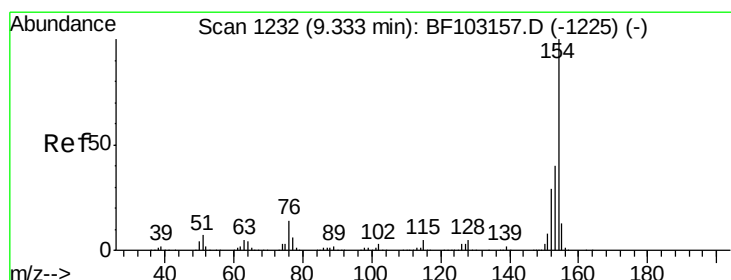
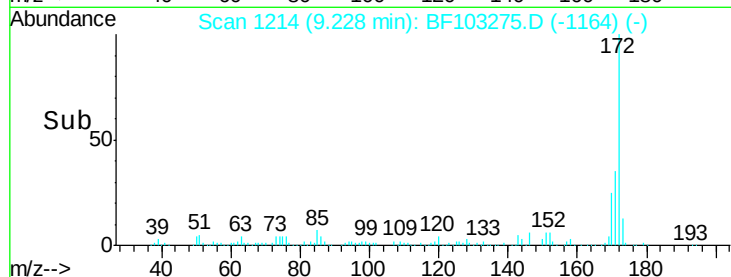
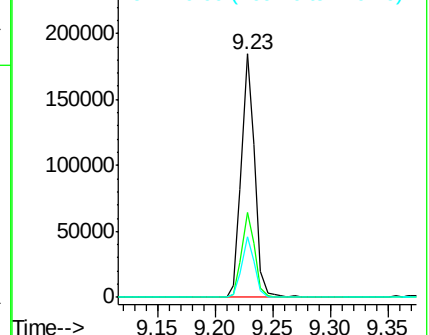
170 24.9 19.6 29.4



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



#45

1,1'-Biphenyl

Concen: 8.26 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

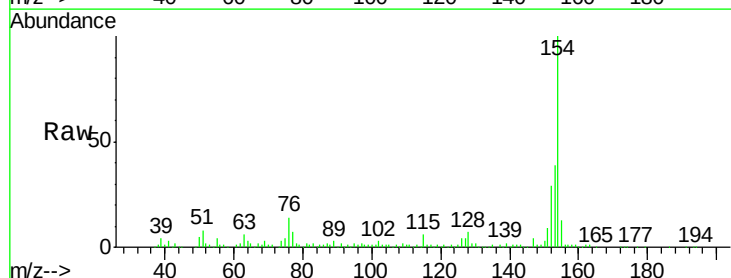
Tgt Ion:154 Resp: 166717

Ion Ratio Lower Upper

154 100

153 38.5 21.3 61.3

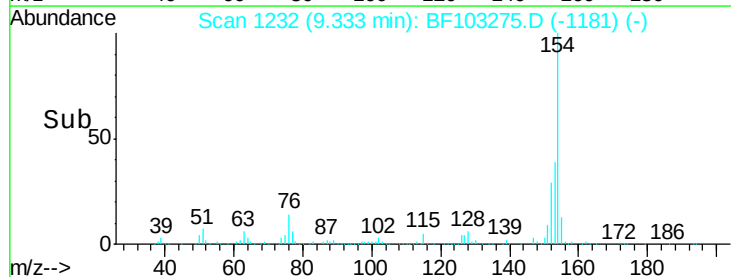
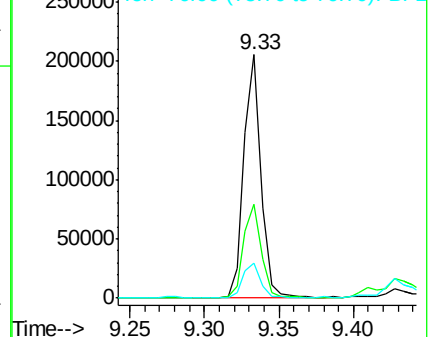
76 14.3 0.0 34.0

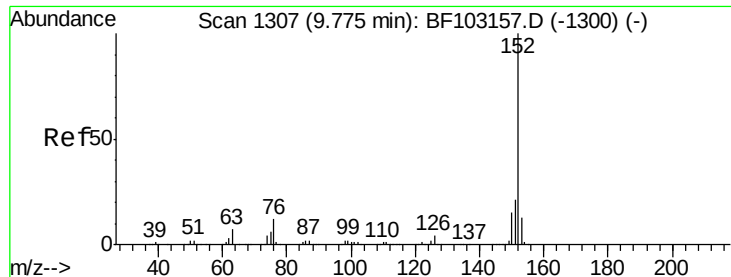


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#48

Acenaphthylene

Concen: 9.10 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

Instrument :

BNA_F

ClientSampleId :

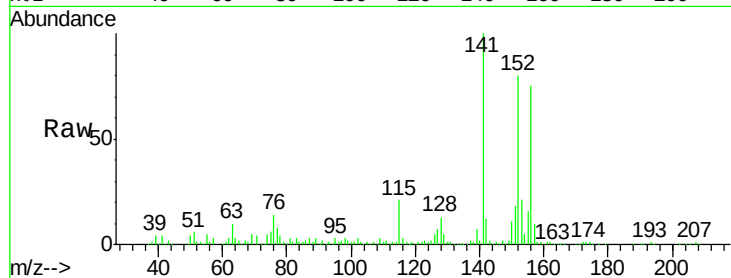
Tot Ion:152 Resp: 223670

Ion Ratio Lower Upper

152 100

151 22.7 16.3 24.5

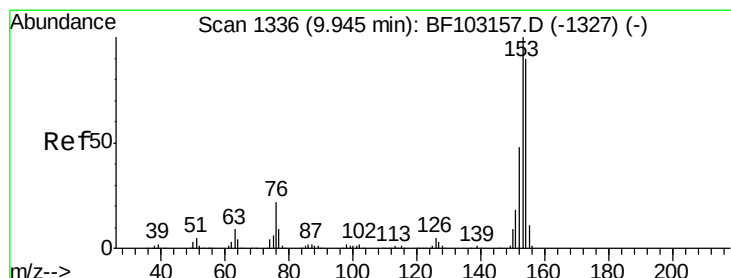
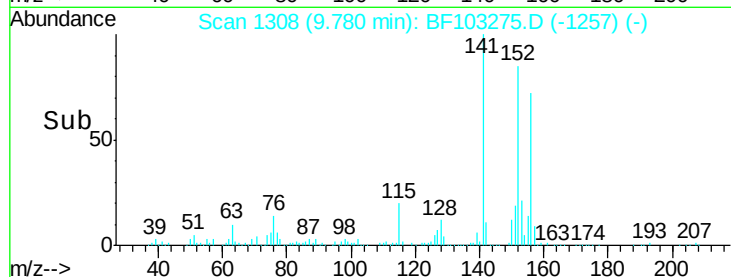
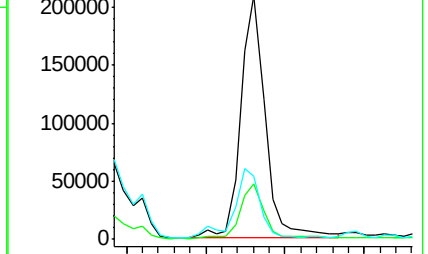
153 25.7 10.7 16.1#



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



#51

Acenaphthene

Concen: 21.26 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

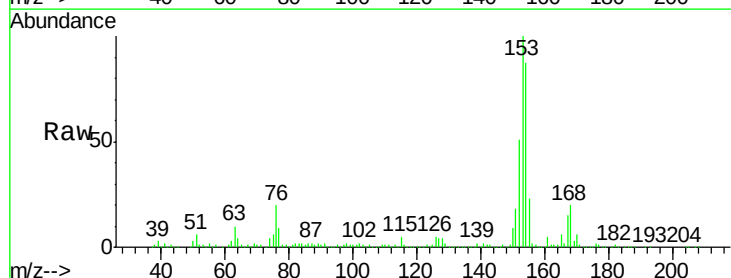
Tgt Ion:154 Resp: 304689

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

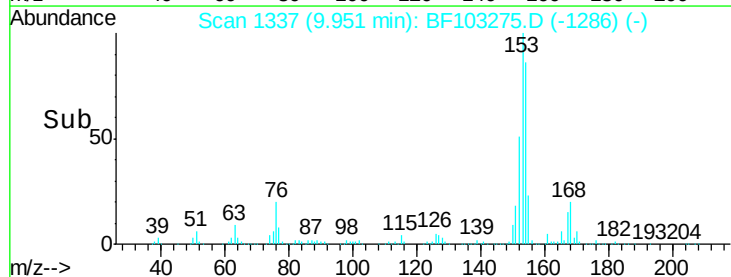
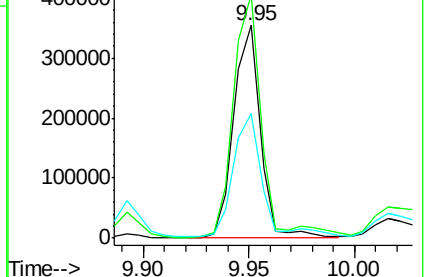
152 58.6 43.8 65.8

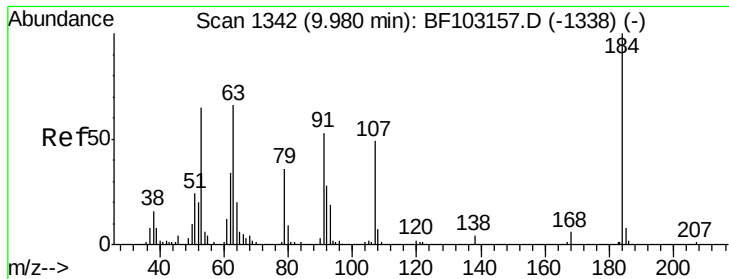


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

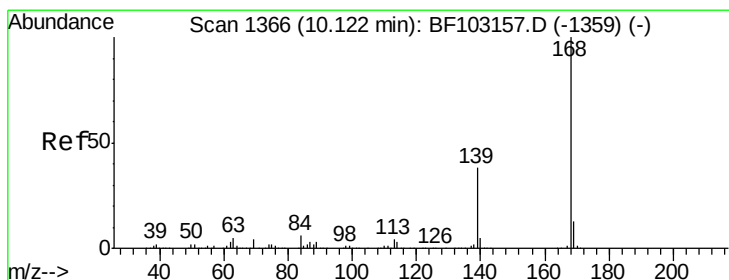
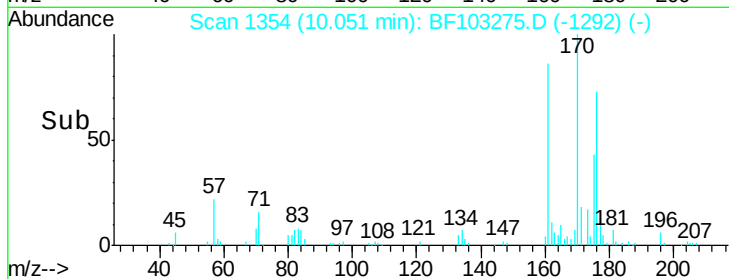
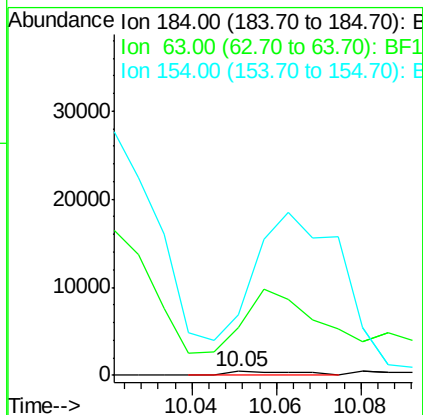
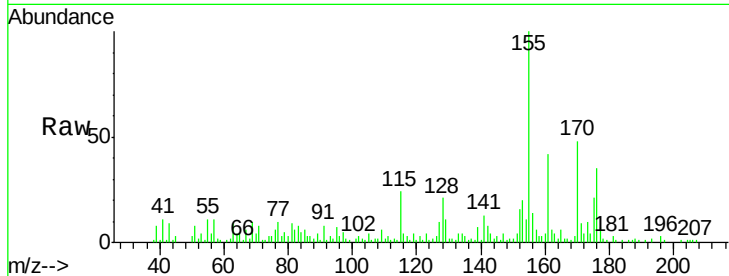




#53
2,4-Dinitrophenol
Concen: 9.93 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.06 min
Lab File: BF103275.D
Acq: 27 Feb 2018 20:41

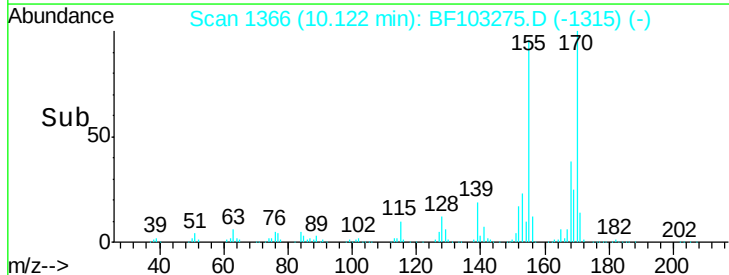
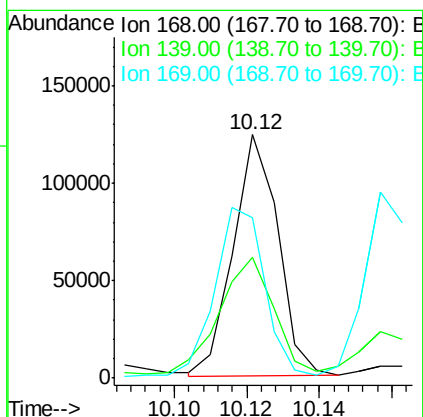
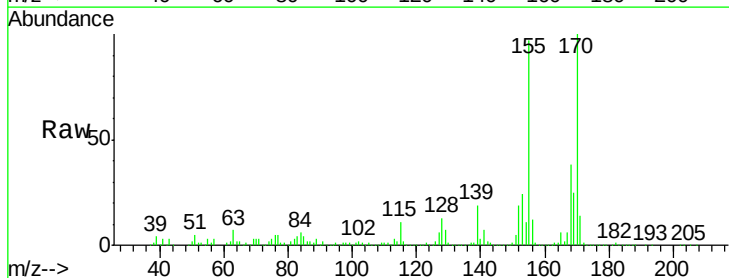
Instrument :
BNA_F
ClientSampleId :

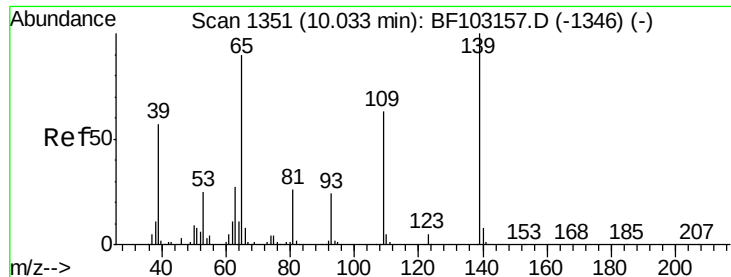
Tot Ion:184 Resp: 513
Ion Ratio Lower Upper
184 100
63 1261.9 54.2 81.2#
154 1600.2 184.0 276.0#



#54
Dibenzofuran
Concen: 5.43 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF103275.D
Acq: 27 Feb 2018 20:41

Tgt Ion:168 Resp: 106756
Ion Ratio Lower Upper
168 100
139 49.4 30.1 45.1#
169 65.8 10.9 16.3#

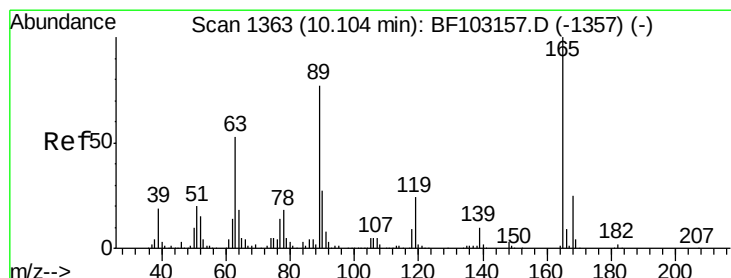
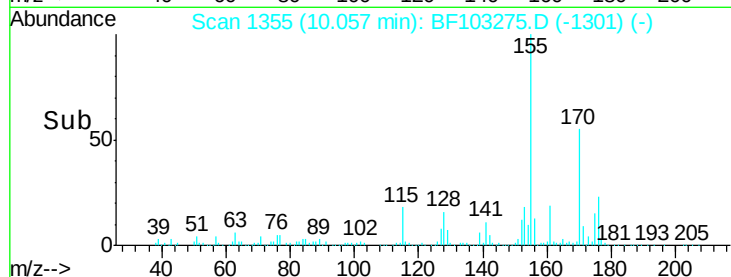
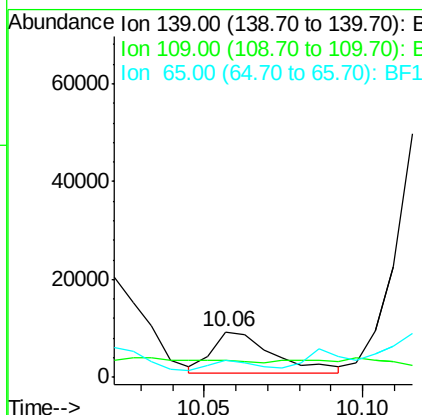
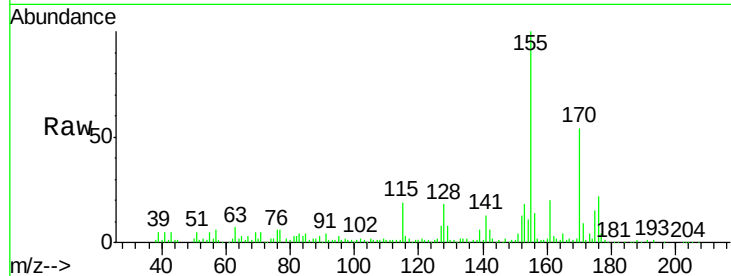




#55
4-Nitrophenol
Concen: 3.51 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BF103275.D
Acq: 27 Feb 2018 20:41

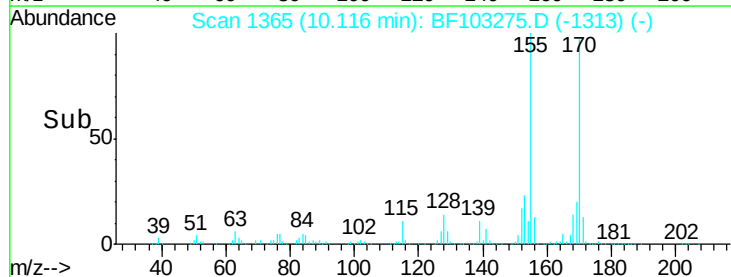
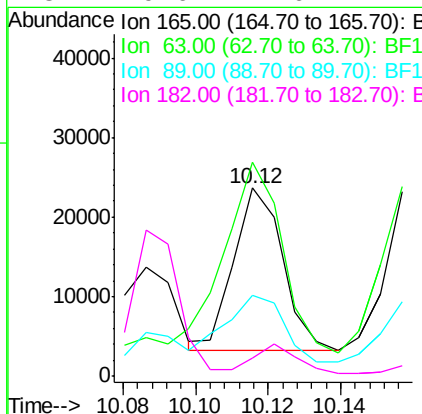
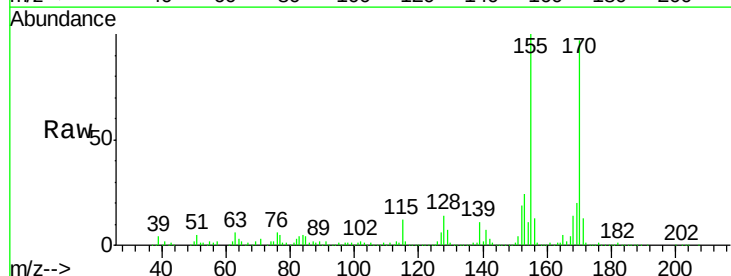
Instrument :
BNA_F
ClientSampleId :

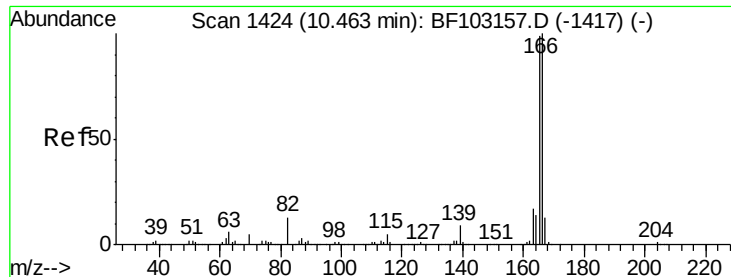
Tot Ion:139 Resp: 11187
Ion Ratio Lower Upper
139 100
109 36.2 48.4 88.4#
65 38.9 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 3.75 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF103275.D
Acq: 27 Feb 2018 20:41

Tgt Ion:165 Resp: 19216
Ion Ratio Lower Upper
165 100
63 113.8 36.4 54.6#
89 43.2 57.8 86.6#
182 9.6 1.6 2.4#





#57

Fluorene

Concen: 40.21 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

Instrument :

BNA_F

ClientSampled :

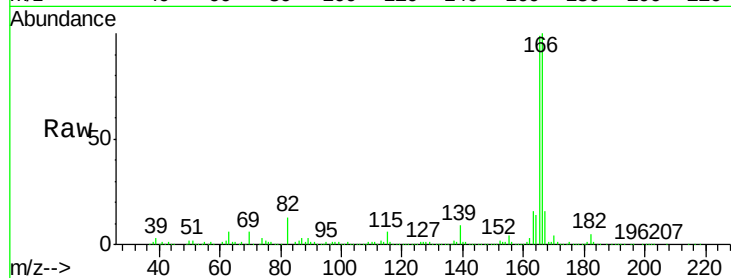
Tot Ion:166 Resp: 673938

Ion Ratio Lower Upper

166 100

165 99.4 79.8 119.8

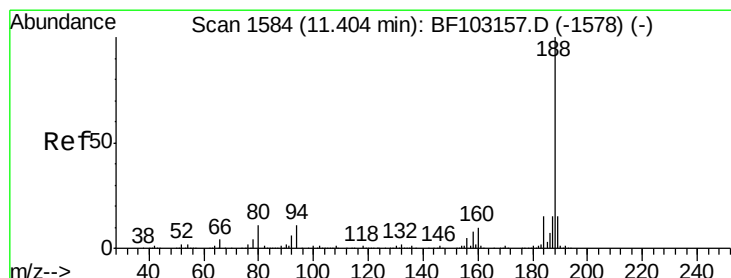
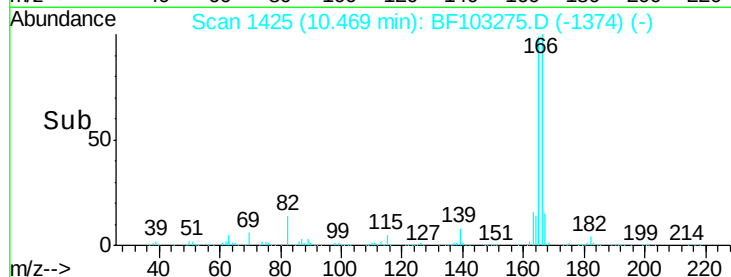
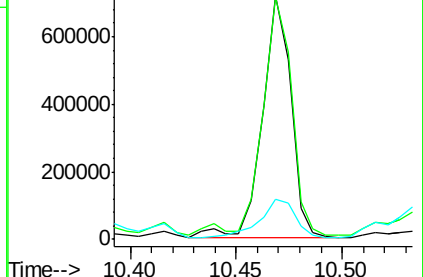
167 16.3 10.6 16.0#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

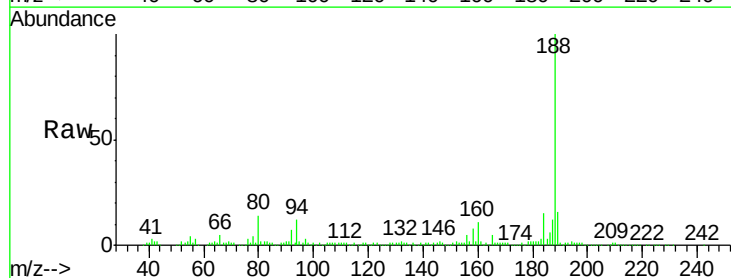
Tgt Ion:188 Resp: 347730

Ion Ratio Lower Upper

188 100

94 12.5 8.5 12.7

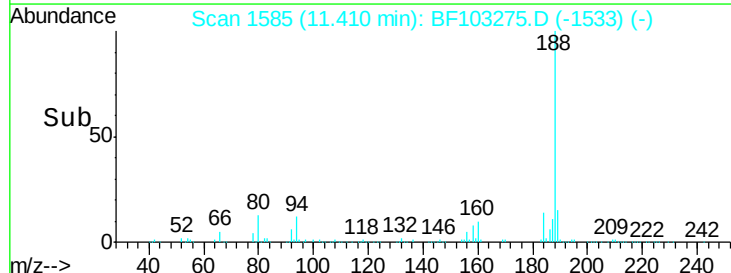
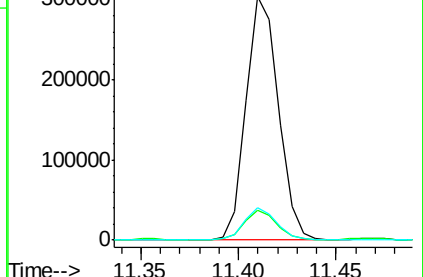
80 13.5 9.2 13.8

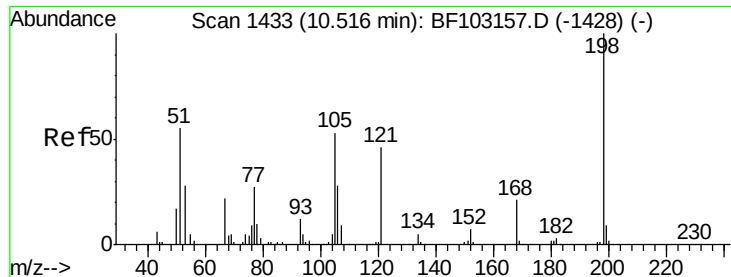


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

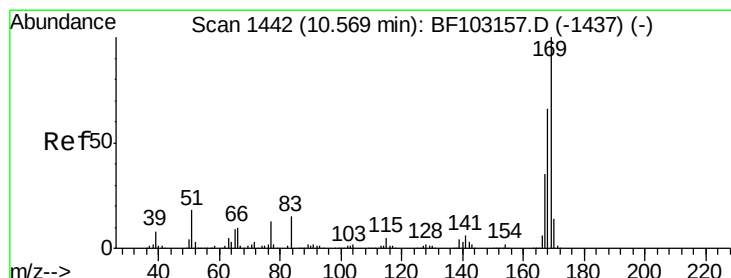
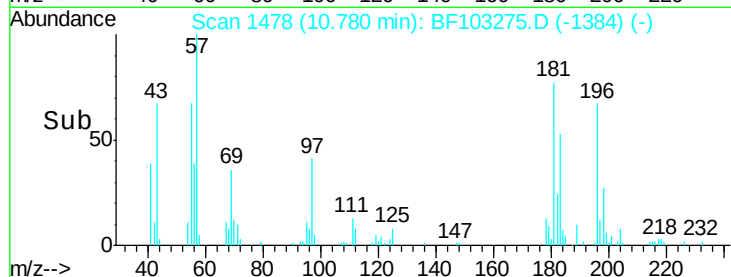
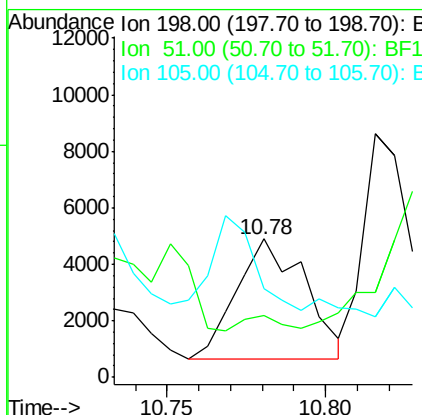
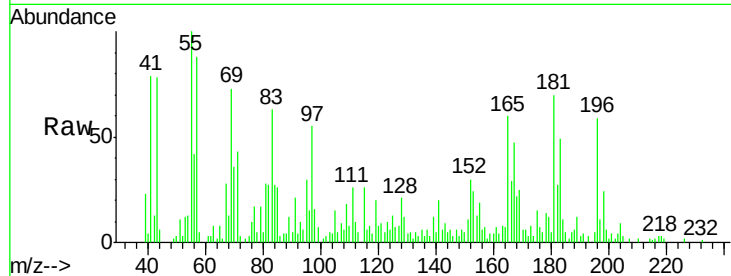




#64
4,6-Dinitro-2-methylphenol
Concen: 7.62 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.25 min
Lab File: BF103275.D
Acq: 27 Feb 2018 20:41

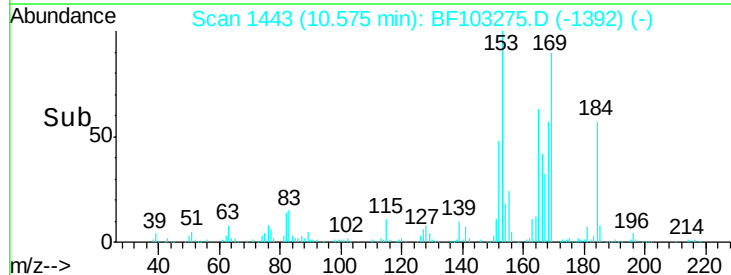
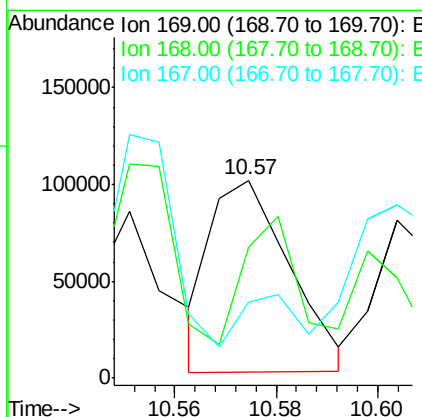
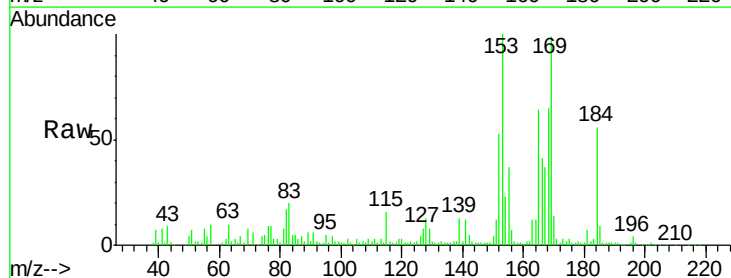
Instrument :
BNA_F
ClientSampled :

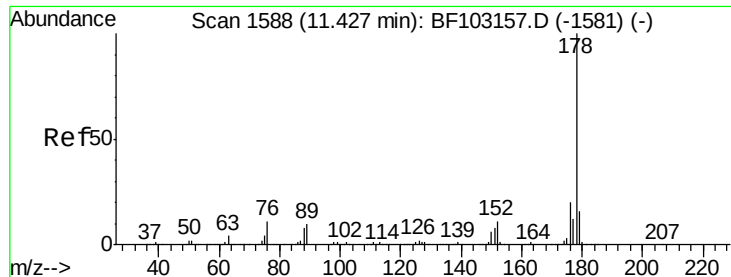
Tot Ion:198 Resp: 6315
Ion Ratio Lower Upper
198 100
51 44.8 37.7 77.7
105 63.9 36.3 76.3



#65
n-Nitrosodiphenylamine
Concen: 8.87 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF103275.D
Acq: 27 Feb 2018 20:41

Tgt Ion:169 Resp: 107371
Ion Ratio Lower Upper
169 100
168 66.0 54.4 81.6
167 38.0 29.8 44.6





#70

Phenanthrene

Concen: 129.53 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.02 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

Instrument :

BNA_F

ClientSampled :

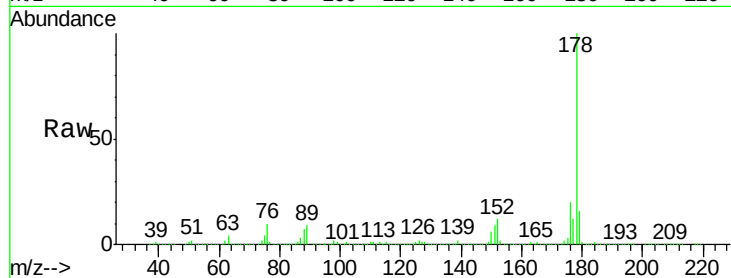
Tot Ion:178 Resp: 2478783

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

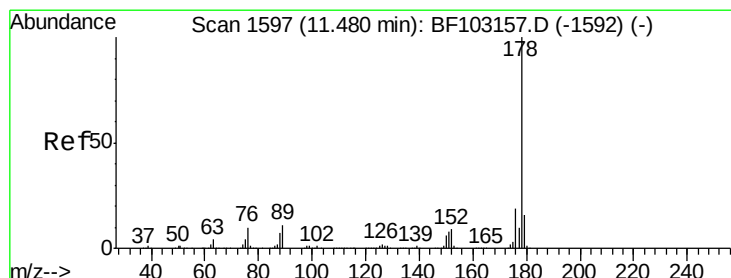
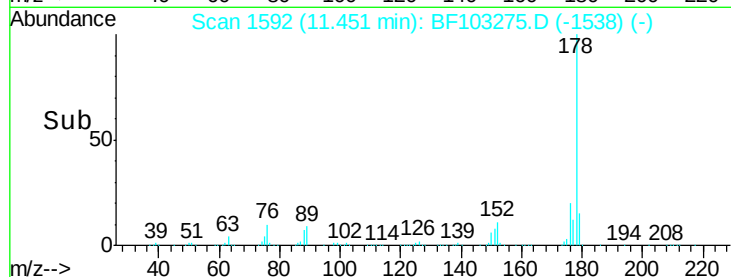
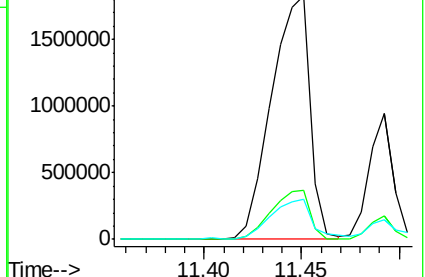
179 16.3 13.0 19.6



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



#71

Anthracene

Concen: 38.99 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

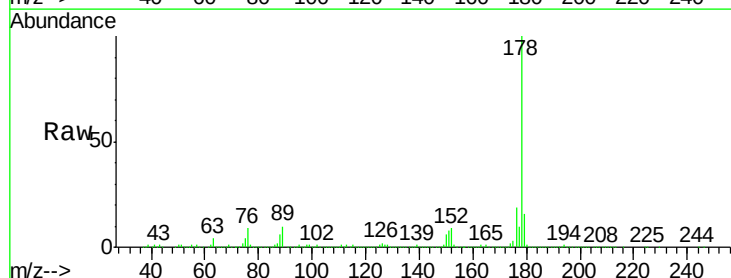
Tgt Ion:178 Resp: 765054

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

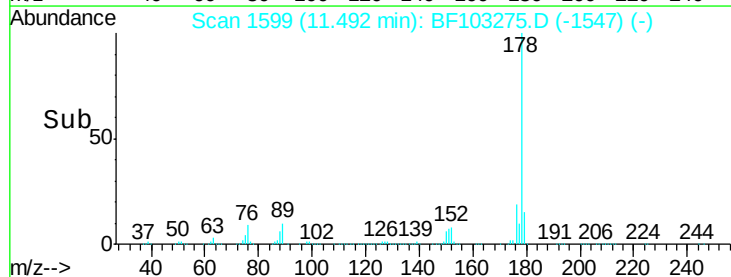
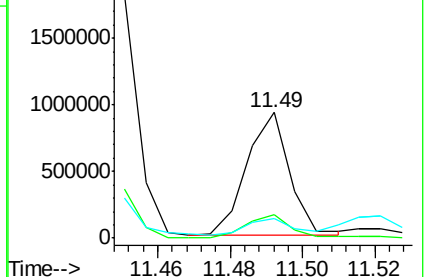
179 15.5 12.6 19.0

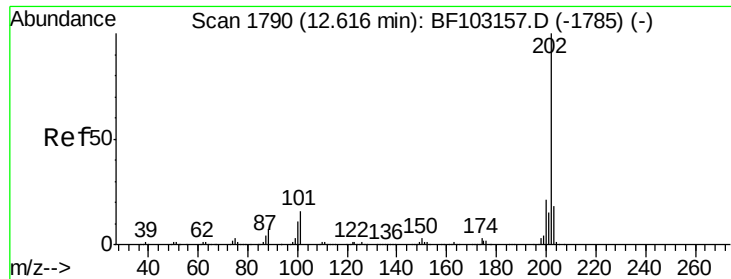


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 72.51 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.02 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

Instrument :

BNA_F

ClientSampleId :

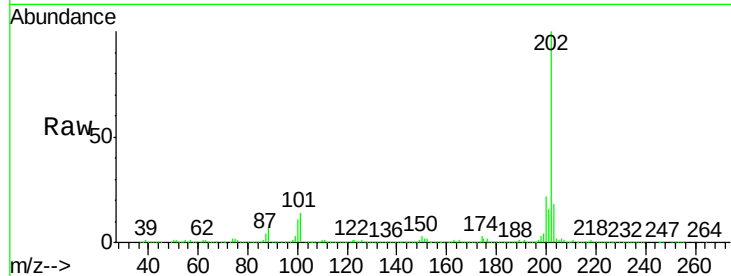
Tot Ion:202 Resp: 1394398

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

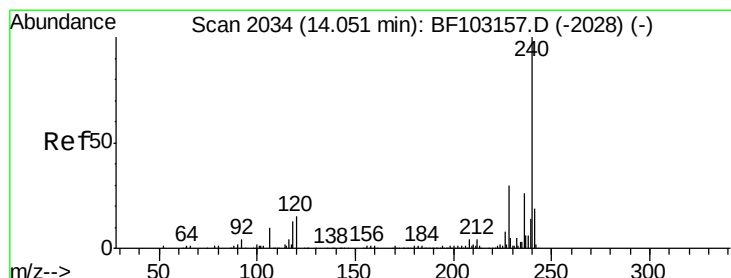
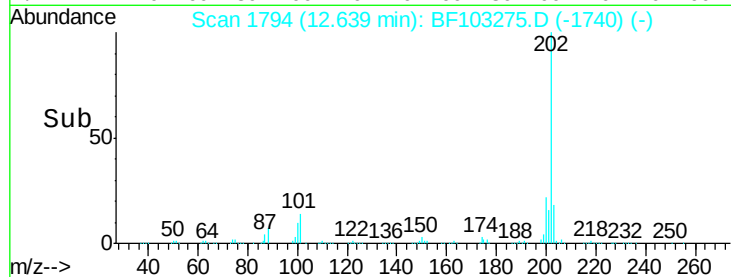
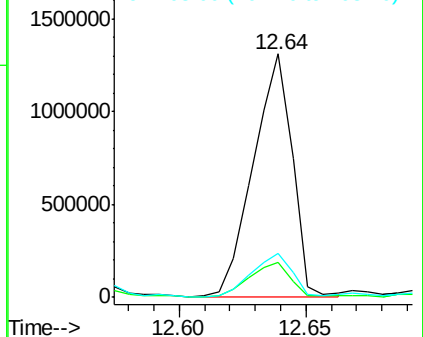
203 18.1 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

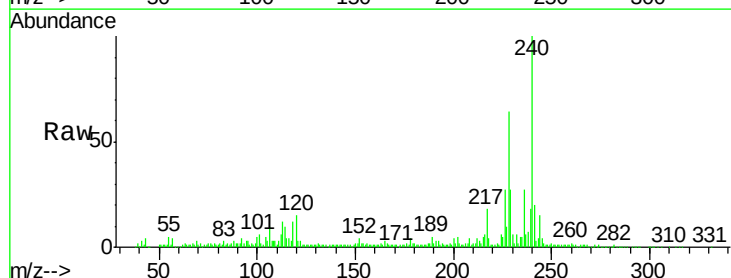
Tgt Ion:240 Resp: 199487

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

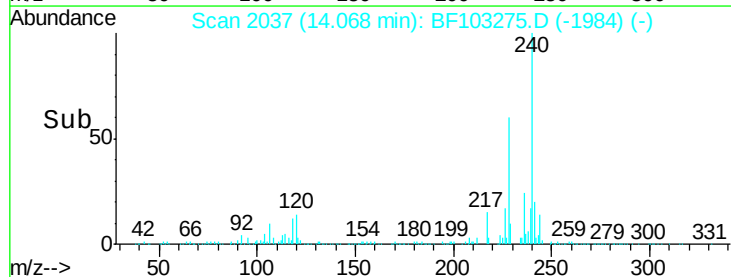
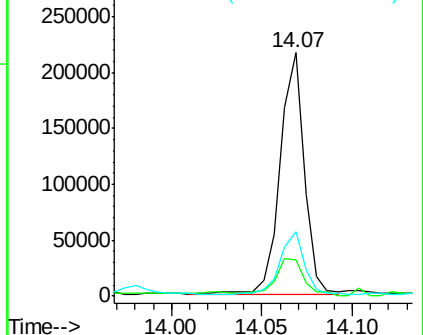
236 26.5 20.7 31.1

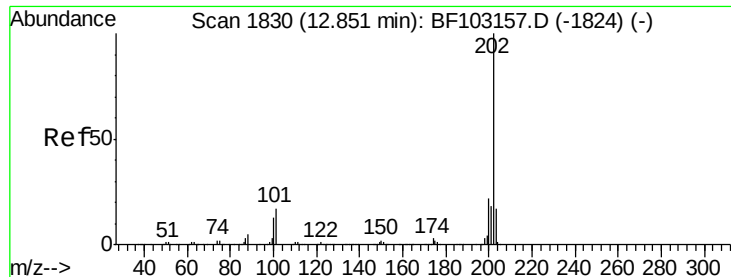


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 132.24 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.02 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

Instrument :

BNA_F

ClientSampleId :

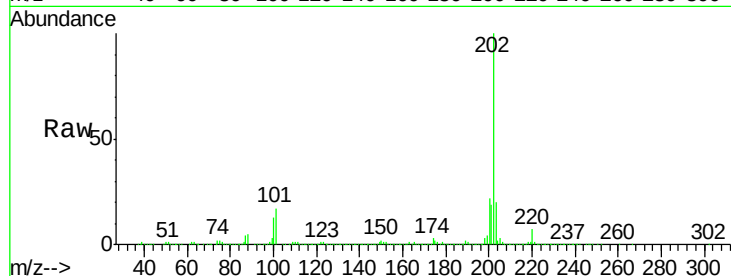
Tot Ion:202 Resp: 2056743

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

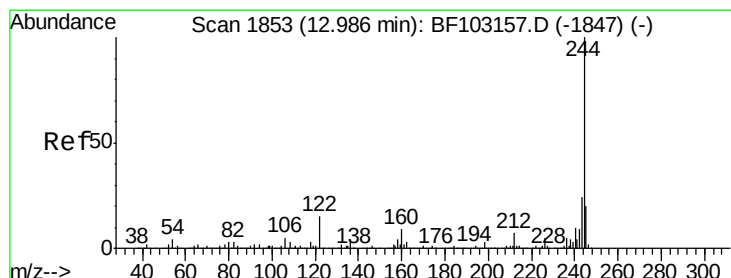
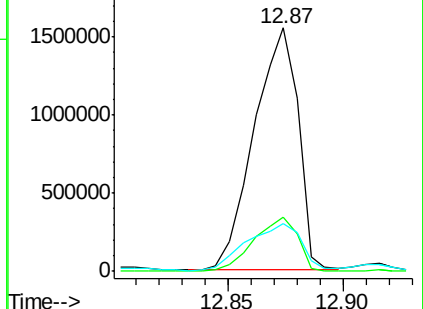
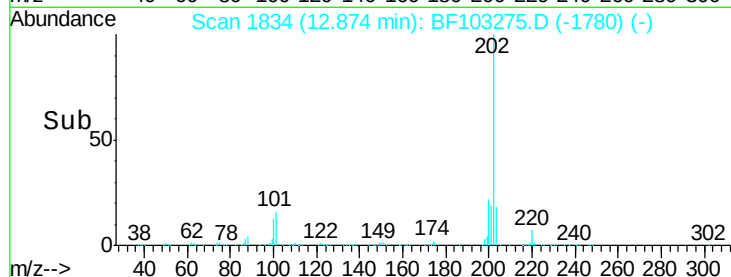
203 19.6 14.3 21.5



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



#78

Terphenyl-d14

Concen: 10.12 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

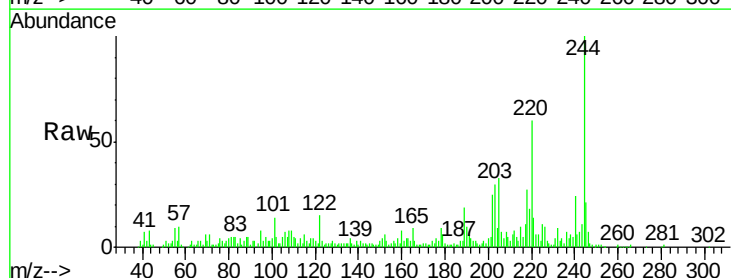
Tgt Ion:244 Resp: 83966

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.0#

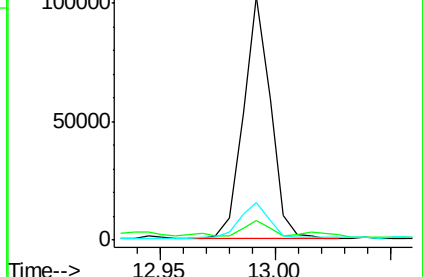
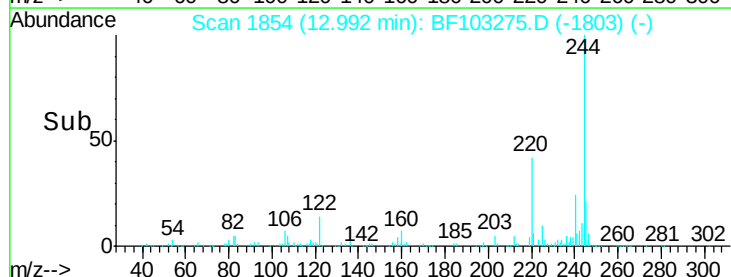
122 15.2 11.0 16.4

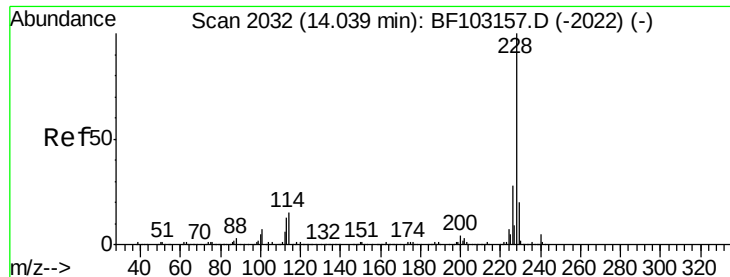


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 66.20 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

Instrument :

BNA_F

ClientSampleId :

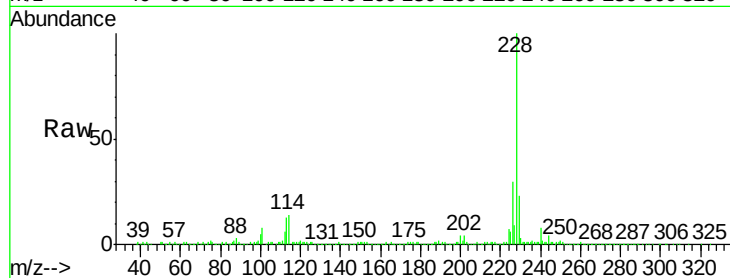
Tot Ion:228 Resp: 856894

Ion Ratio Lower Upper

228 100

226 30.0 22.6 33.8

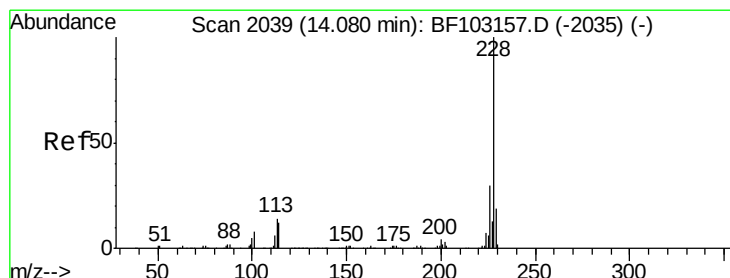
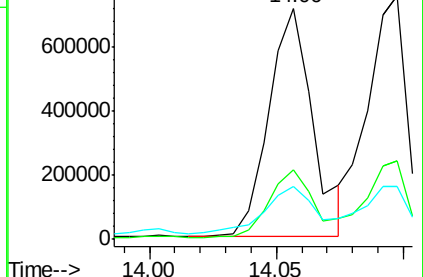
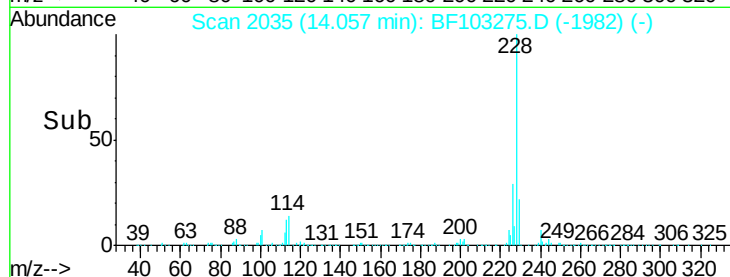
229 23.0 15.8 23.6



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



#82

Chrysene

Concen: 64.53 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.01 min

Lab File: BF103275.D

Acq: 27 Feb 2018 20:41

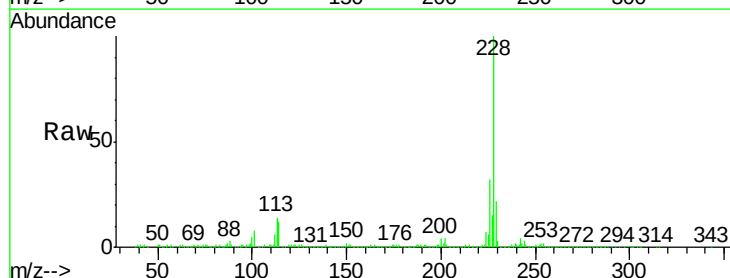
Tgt Ion:228 Resp: 810942

Ion Ratio Lower Upper

228 100

226 32.4 25.0 37.6

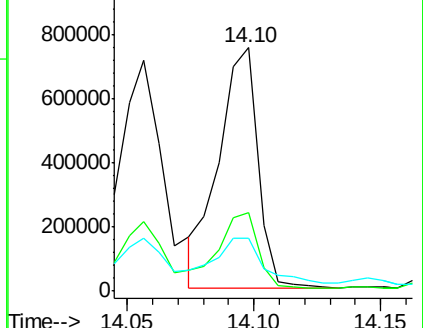
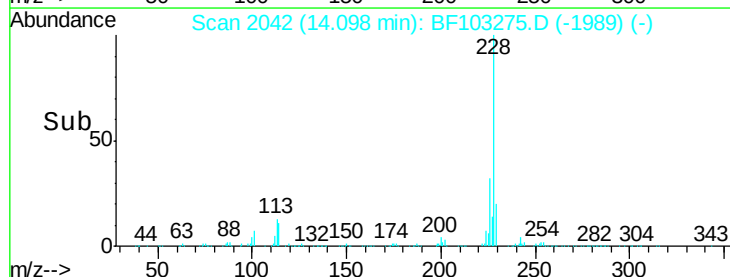
229 22.0 16.2 24.4

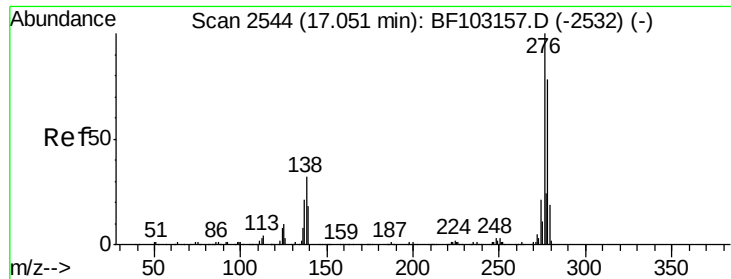


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

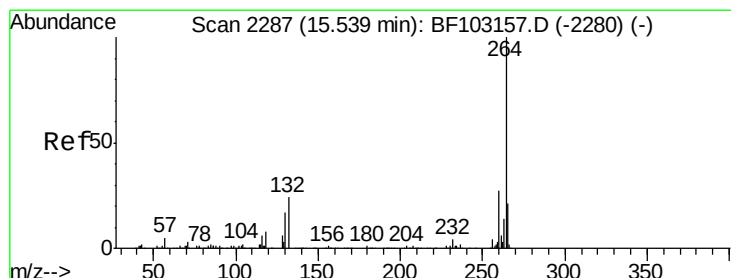
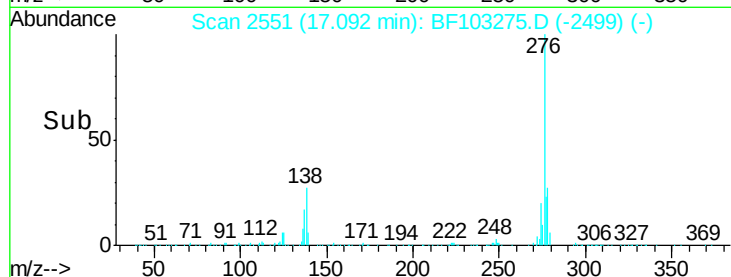
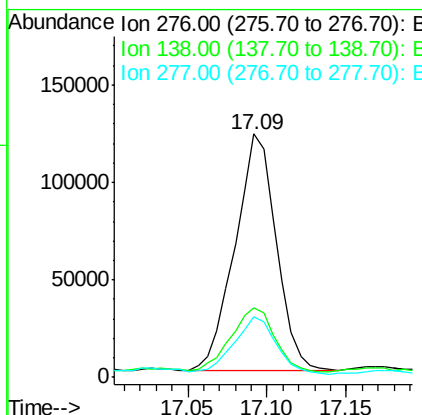
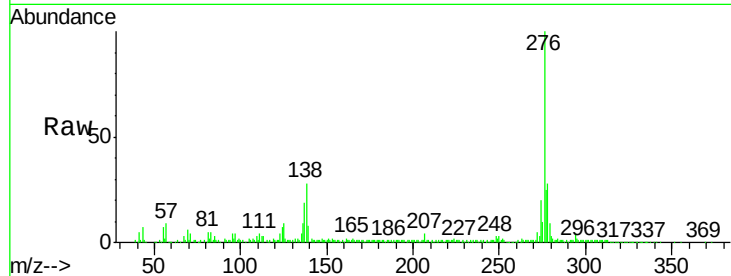




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.97 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF103275.D
 Acq: 27 Feb 2018 20:41

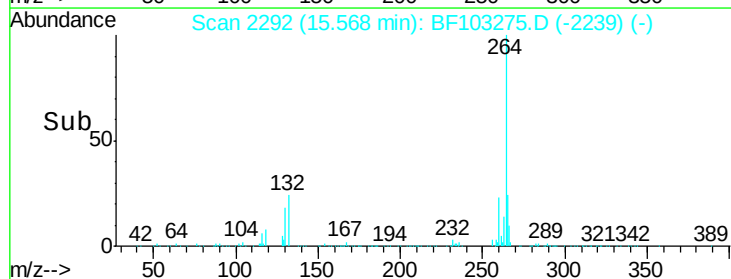
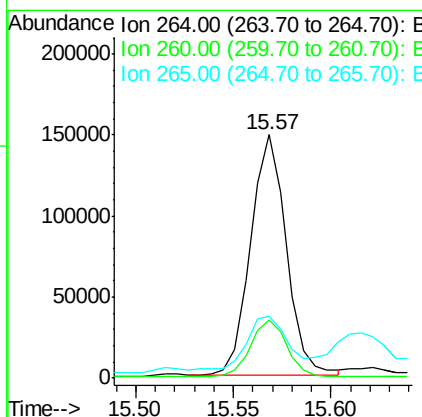
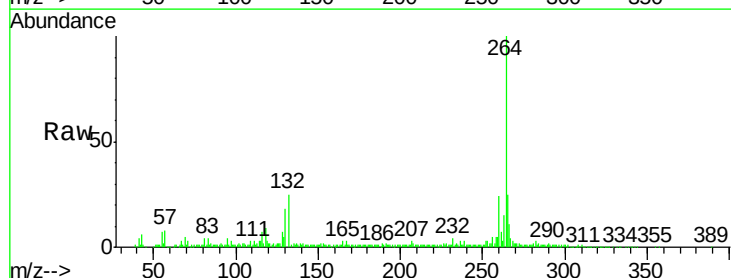
Instrument :
 BNA_F
 ClientSampleId :

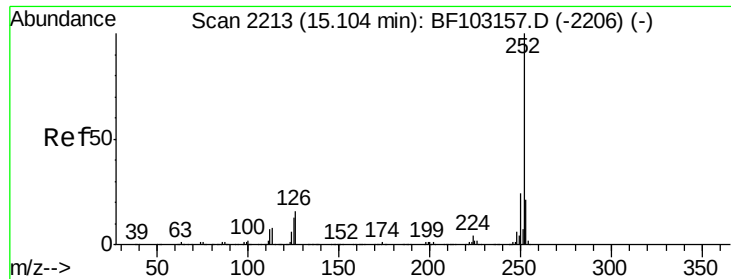
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	25.0	37.6
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.01 min
 Lab File: BF103275.D
 Acq: 27 Feb 2018 20:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	25.3	17.5	26.3

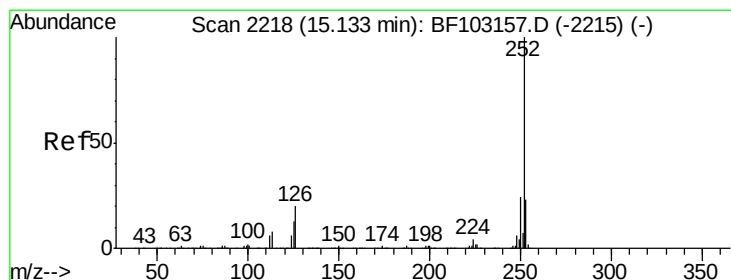
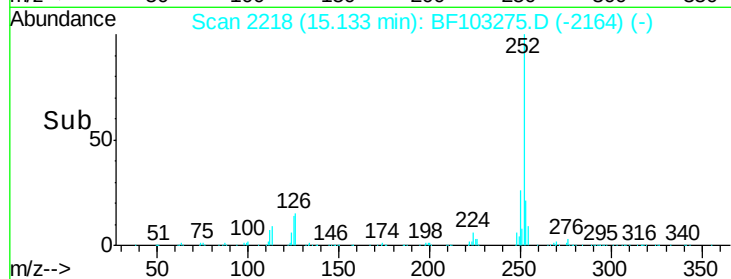
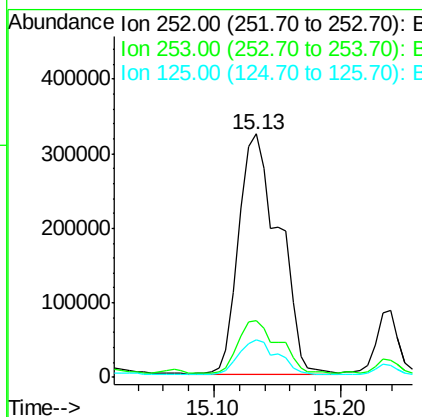
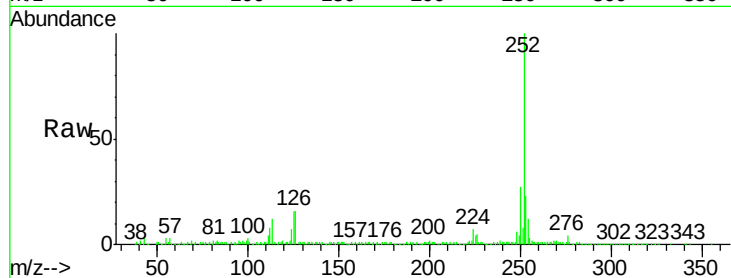




#87
Benzo(b)fluoranthene
Concen: 57.13 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.02 min
Lab File: BF103275.D
Acq: 27 Feb 2018 20:41

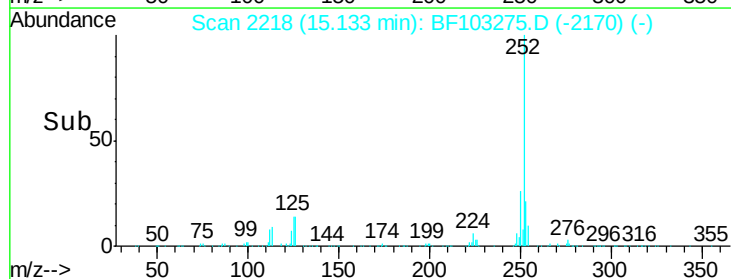
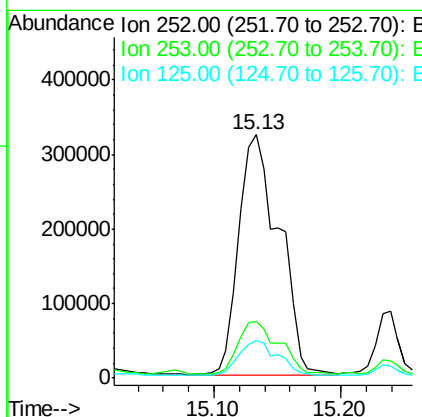
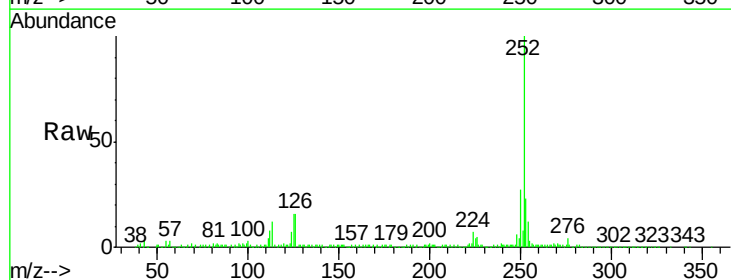
Instrument :
BNA_F
ClientSampleId :

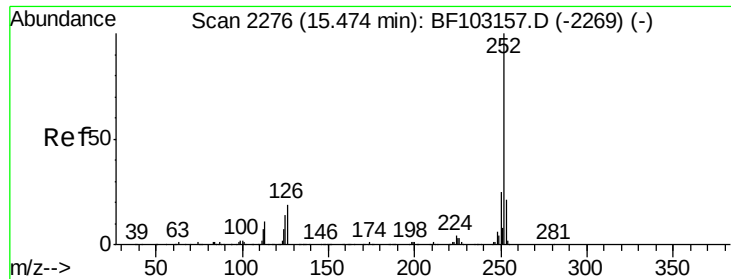
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	15.5	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 60.66 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BF103275.D
Acq: 27 Feb 2018 20:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	15.5	10.2	15.2#

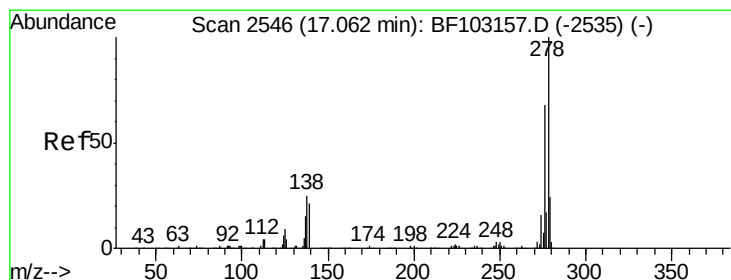
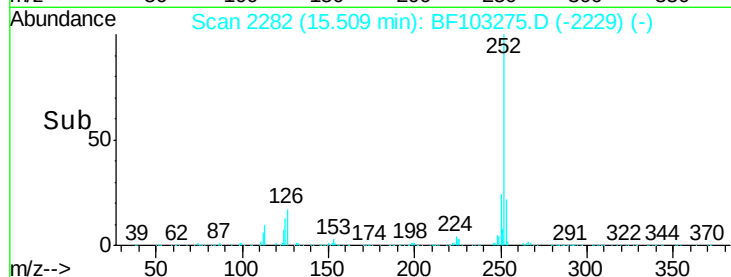
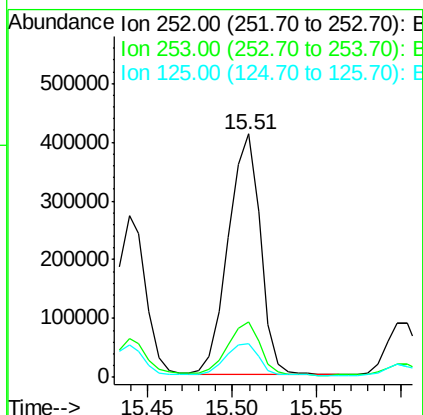
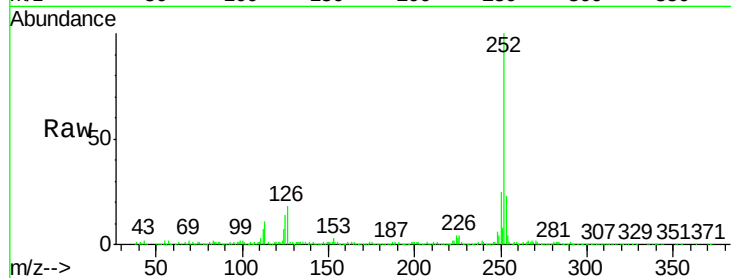




#89
Benzo(a)pyrene
Concen: 49.33 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103275.D
Acq: 27 Feb 2018 20:41

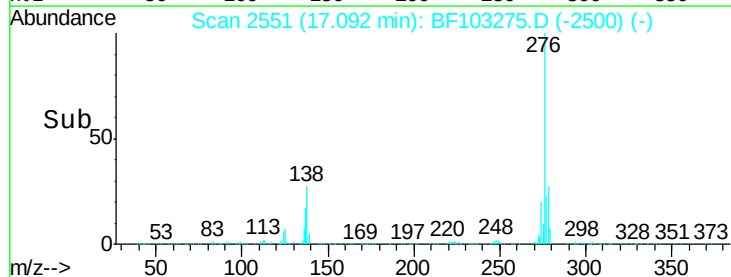
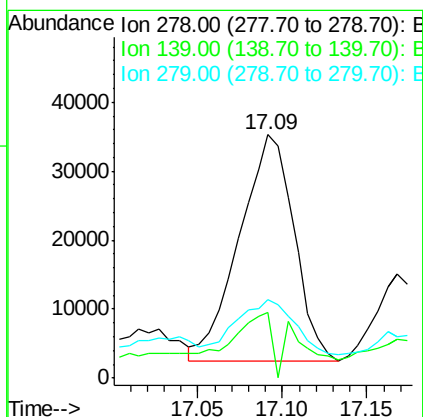
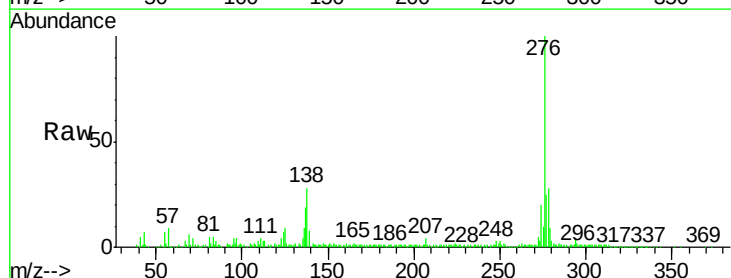
Instrument :
BNA_F
ClientSampleId :

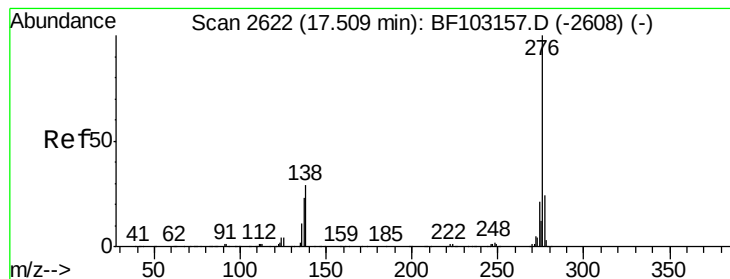
Tot Ion:252 Resp: 544580
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 13.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 8.62 ng
RT: 17.09 min Scan# 2551
Delta R.T. -0.00 min
Lab File: BF103275.D
Acq: 27 Feb 2018 20:41

Tgt Ion:278 Resp: 73534
Ion Ratio Lower Upper
278 100
139 26.8 15.9 23.9#
279 32.5 19.0 28.4#

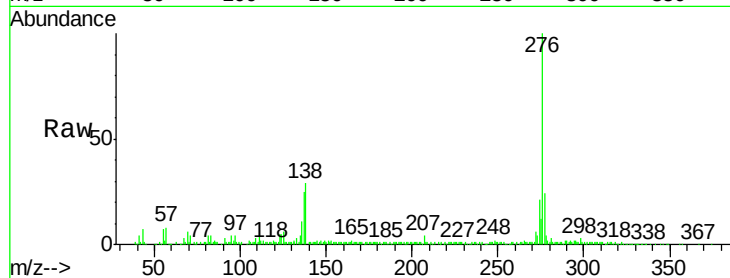




#91
 Benzo(a,h,i)perylene
 Concen: 32.33 ng
 RT: 17.56 min Scan# 2631
 Delta R.T. 0.02 min
 Lab File: BF103275.D
 Acq: 27 Feb 2018 20:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	29.5	21.8	32.8



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

