

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103675.D
 Acq On : 15 Mar 2018 18:28
 Operator : JU/SJ
 Sample : J1888-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

Quant Time: Mar 16 04:41:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161173	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	667315	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	318503	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	566021	20.00	ng	0.00
75) Chrysene-d12	14.16	240	421744	20.00	ng	0.00
86) Perylene-d12	15.69	264	384104	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1238331	116.86	ng	0.00
7) Phenol-d6	6.59	99	1551183	119.65	ng	0.00
23) Nitrobenzene-d5	7.53	82	921485	96.30	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	367027	134.02	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1629808	81.63	ng	0.00
78) Terphenyl-d14	13.09	244	1688348	92.92	ng	0.00

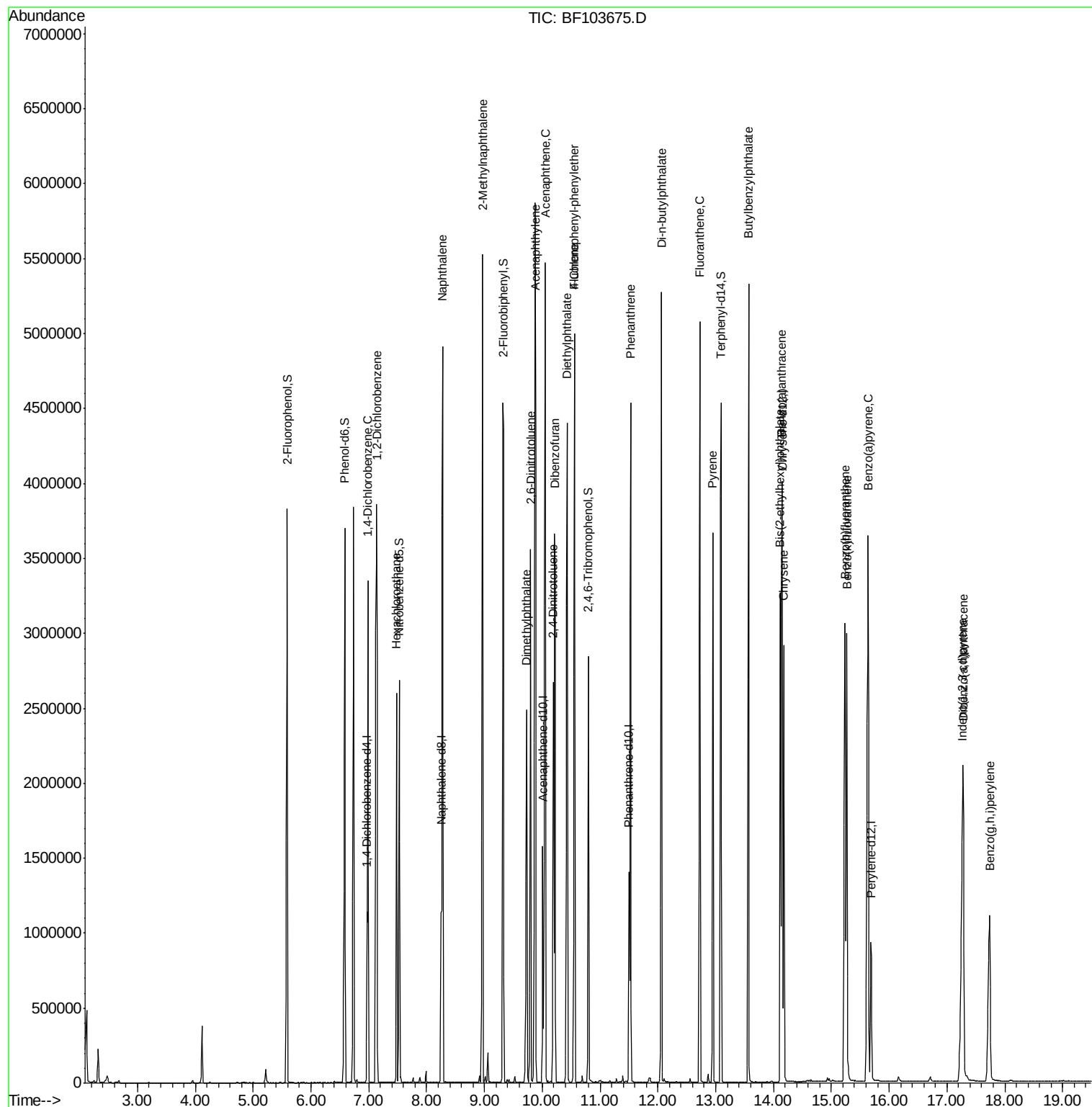
Target Compounds					Qvalue	
13) 1,4-Dichlorobenzene	6.99	146	715372	56.309	ng	99
14) 1,2-Dichlorobenzene	7.14	146	805274	68.308	ng	99
18) Hexachloroethane	7.48	117	287097	64.245	ng	95
31) Naphthalene	8.27	128	2333647	69.229	ng	99
37) 2-Methylnaphthalene	8.97	142	1865790	87.280	ng	97
48) Acenaphthylene	9.88	152	3669863	112.192	ng	98
49) Dimethylphthalate	9.73	163	1541190	63.423	ng	99
50) 2,6-Dinitrotoluene	9.80	165	569832	115.144	ng	96
51) Acenaphthene	10.05	154	1482893	76.348	ng	99
54) Dibenzofuran	10.22	168	1641565	59.177	ng	97
56) 2,4-Dinitrotoluene	10.19	165	457725	73.124	ng	94
57) Fluorene	10.56	166	766747	35.621	ng	100
59) Diethylphthalate	10.43	149	1961258	81.318	ng	97
60) 4-Chlorophenyl-phenylether	10.55	204	701189	71.278	ng	98
70) Phenanthrene	11.53	178	1979288	63.925	ng	99
73) Di-n-butylphthalate	12.06	149	3485824	95.046	ng	# 98
74) Fluoranthene	12.73	202	2579992	80.881	ng	99
77) Pyrene	12.96	202	1698660	54.844	ng	99
79) Butylbenzylphthalate	13.57	149	1480071	107.857	ng	95
80) Benzo(a)anthracene	14.14	228	1795480	67.256	ng	99
82) Chrysene	14.18	228	960286	37.735	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	883659	45.076	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.27	276	1569860	70.638	ng	96
87) Benzo(b)fluoranthene	15.24	252	1935977	79.779	ng	97
88) Benzo(k)fluoranthene	15.27	252	1400194	60.025	ng	99
89) Benzo(a)pyrene	15.64	252	2584413	117.419	ng	97
90) Dibenzo(a,h)anthracene	17.28	278	946478	49.662	ng	100
91) Benzo(g,h,i)perylene	17.74	276	1096174	59.122	ng	97

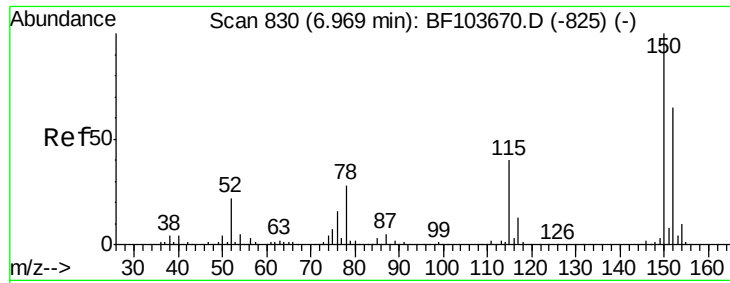
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
Data File : BF103675.D
Acq On : 15 Mar 2018 18:28
Operator : JU/SJ
Sample : J1888-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
PT-BN-WP

Quant Time: Mar 16 04:41:55 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration



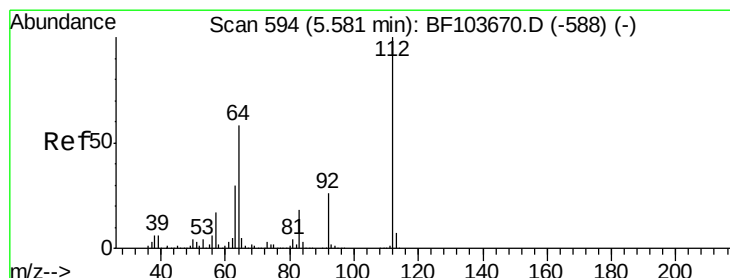
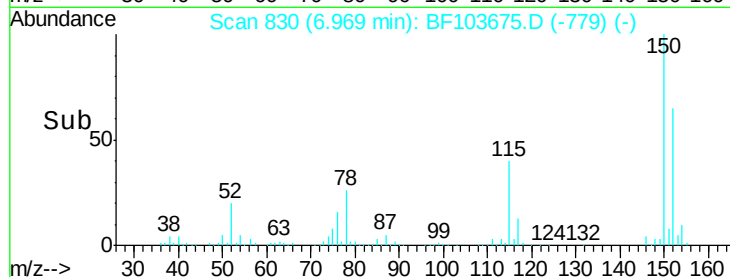
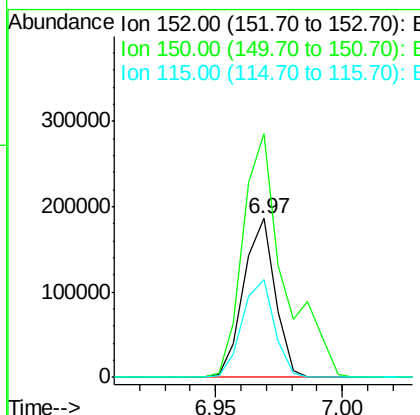
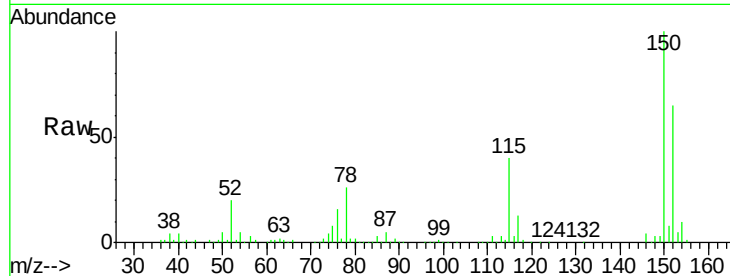


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

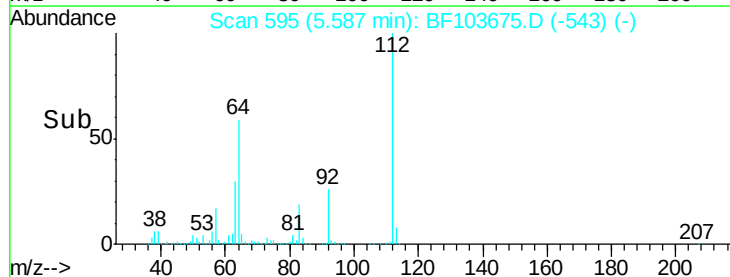
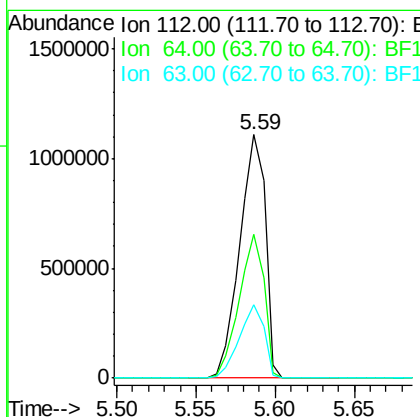
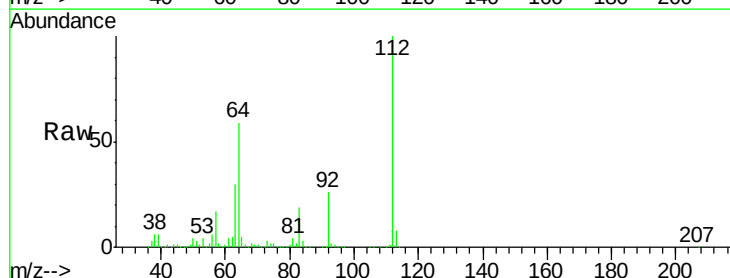
Tot Ion:152 Resp: 161173
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 61.7 50.1 75.1

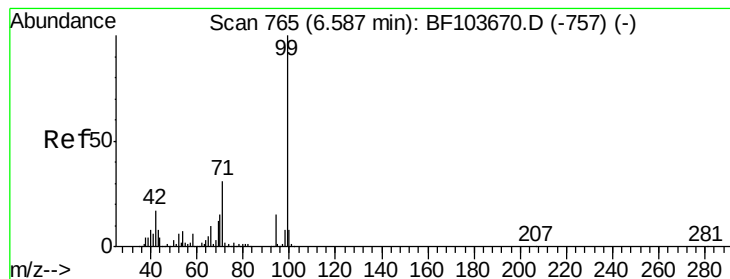


#5

2-Fluorophenol
Concen: 116.862 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:112 Resp: 1238331
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 30.0 23.7 35.5





#7

Phenol-d6

Concen: 119.652 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

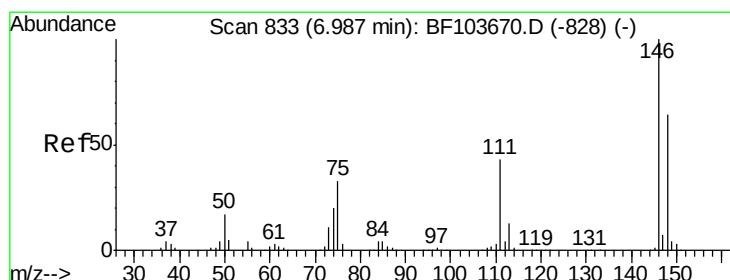
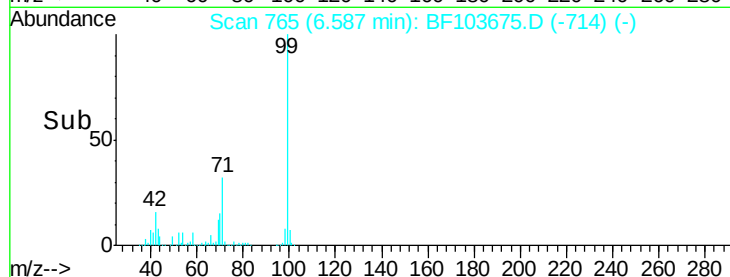
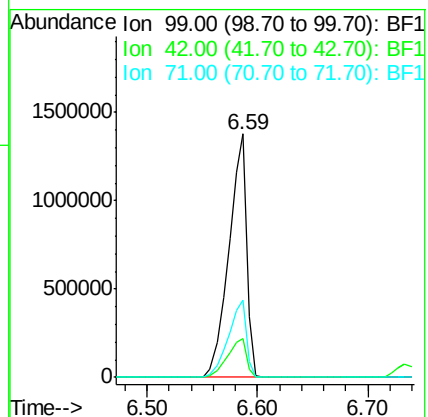
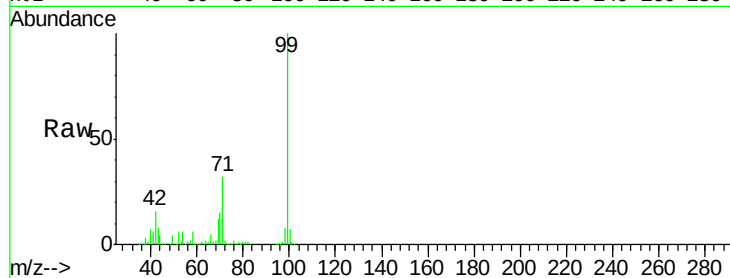
Tot Ion: 99 Resp: 1551183

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 31.7 25.4 38.0



#13

1,4-Dichlorobenzene

Concen: 56.309 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

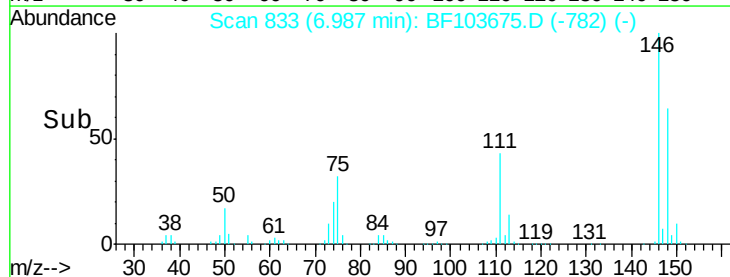
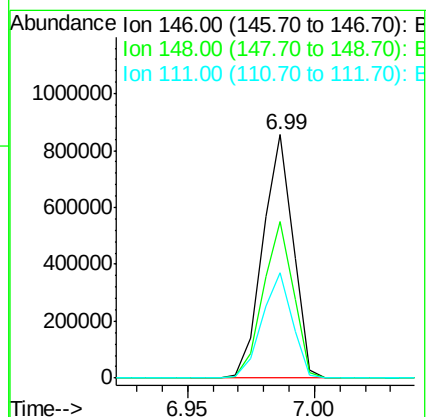
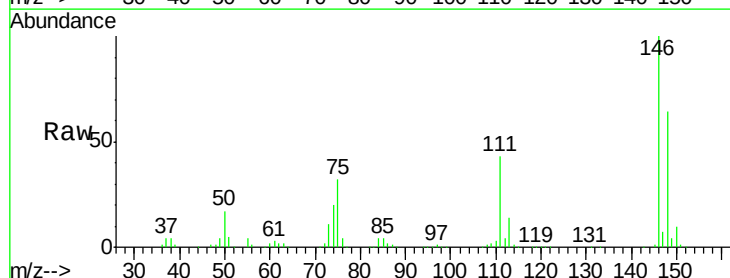
Tgt Ion: 146 Resp: 715372

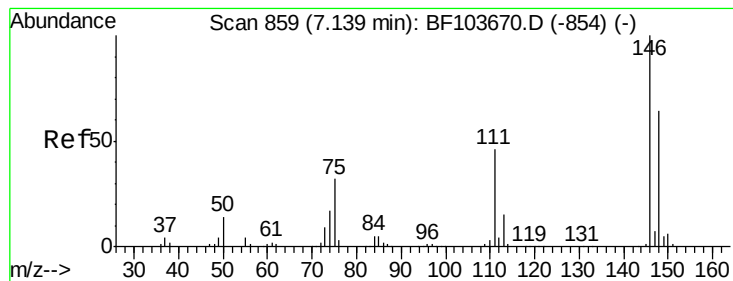
Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

111 43.4 34.2 51.2





#14

1,2-Dichlorobenzene

Concen: 68.308 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

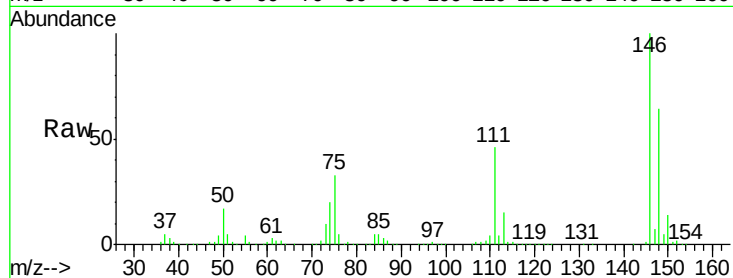
Tot Ion:146 Resp: 805274

Ion Ratio Lower Upper

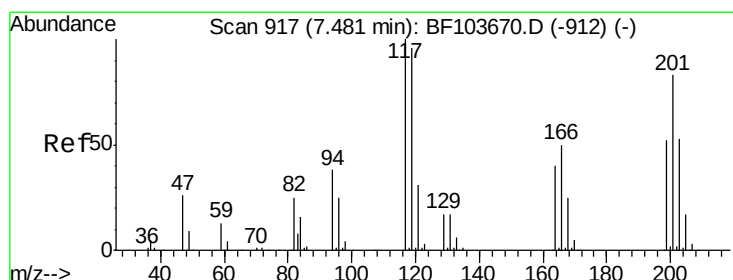
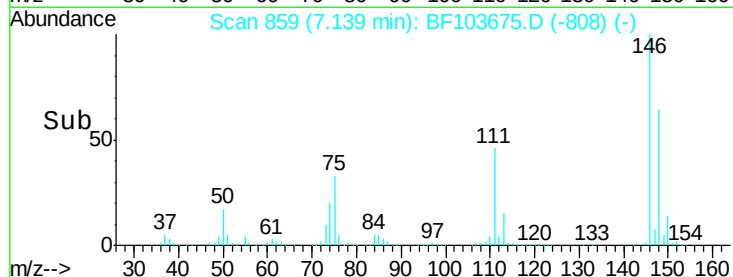
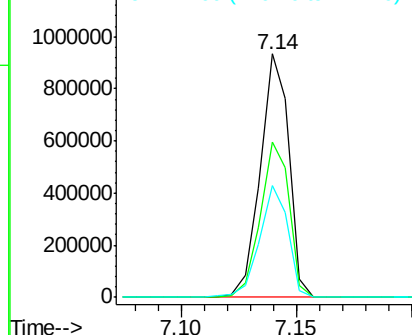
146 100

148 64.0 50.6 75.8

111 46.1 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#18

Hexachloroethane

Concen: 64.245 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

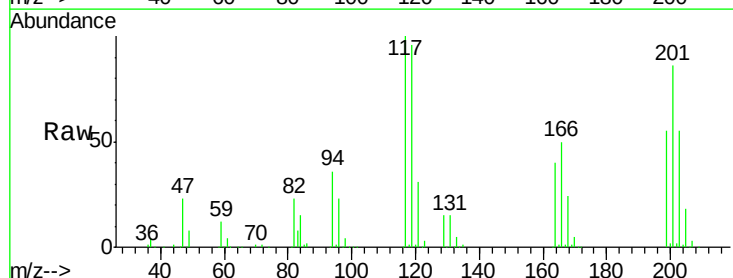
Tgt Ion:117 Resp: 287097

Ion Ratio Lower Upper

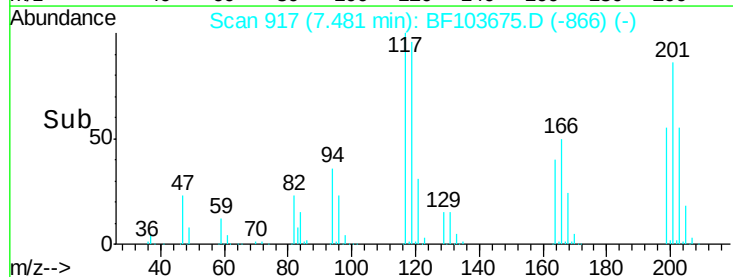
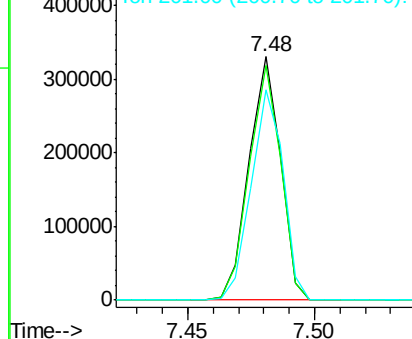
117 100

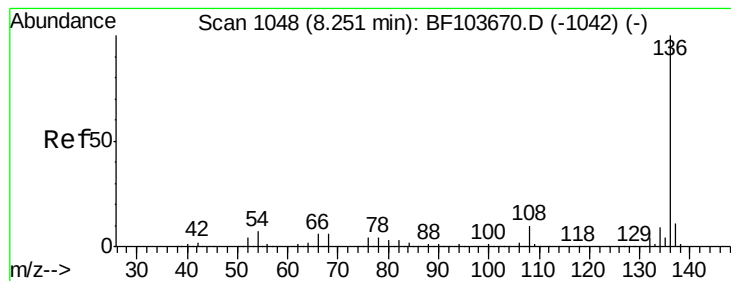
119 96.5 75.8 113.8

201 86.4 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: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

Tot Ion:136 Resp: 667315

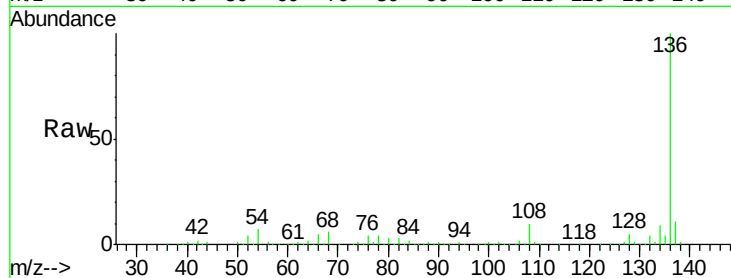
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.3 6.6 9.8

68 5.7 5.0 7.4

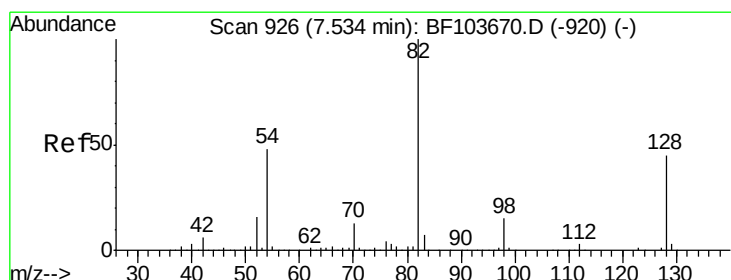
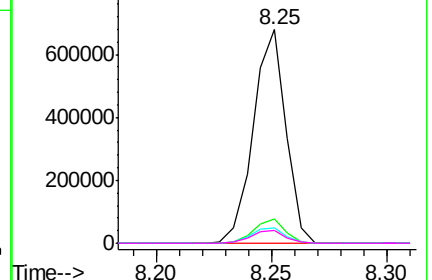
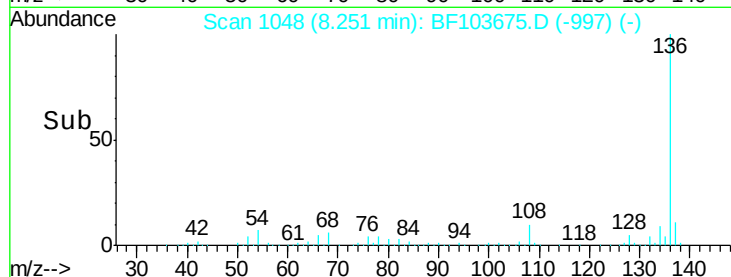


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.297 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

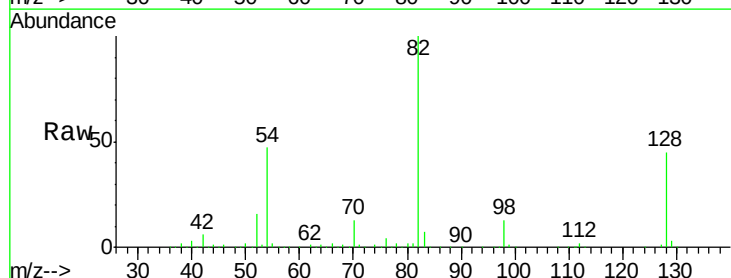
Tgt Ion: 82 Resp: 921485

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

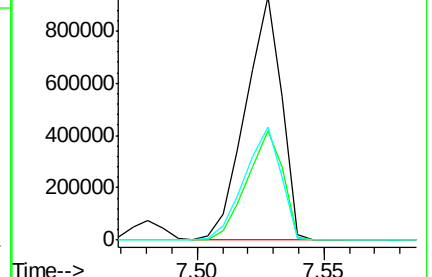
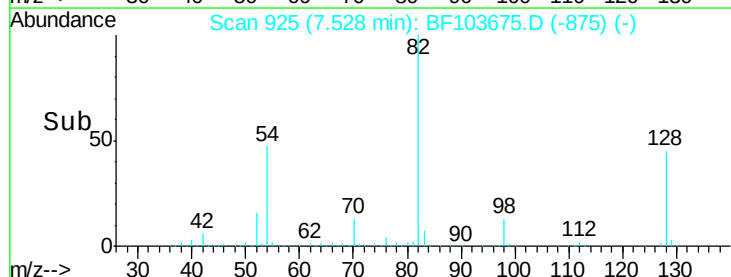
54 46.5 41.4 62.2

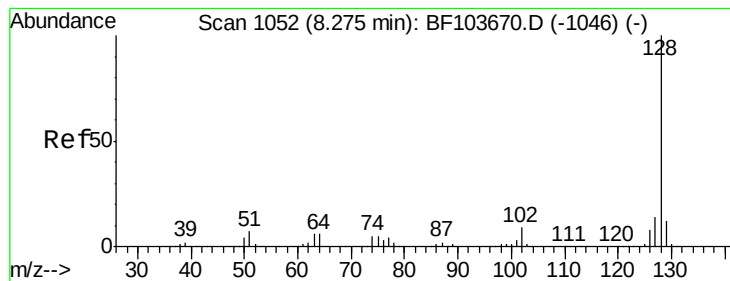


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 69.229 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

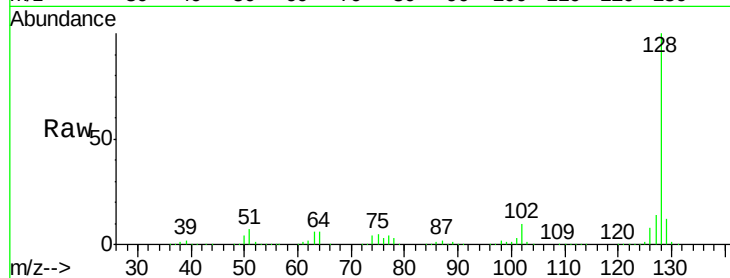
Tot Ion:128 Resp: 2333647

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

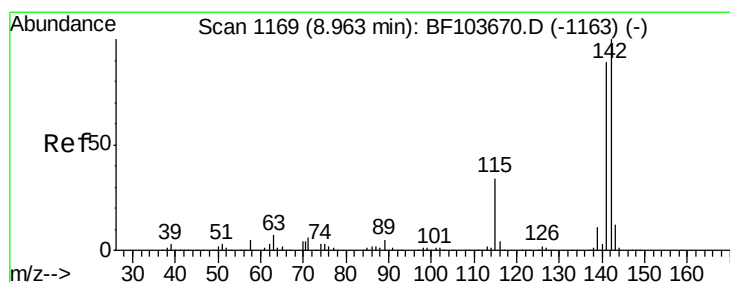
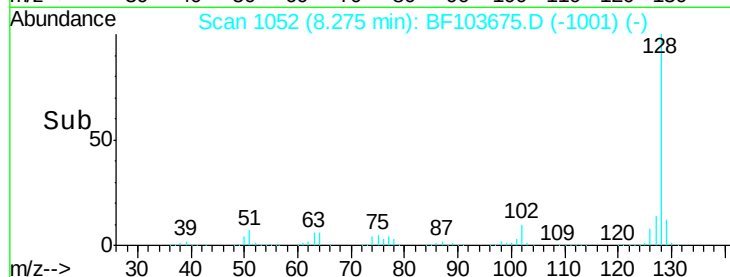
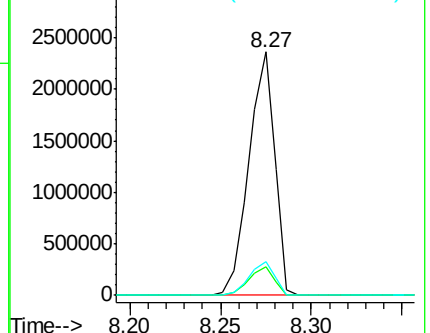
127 14.1 10.9 16.3



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



#37

2-Methylnaphthalene

Concen: 87.280 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

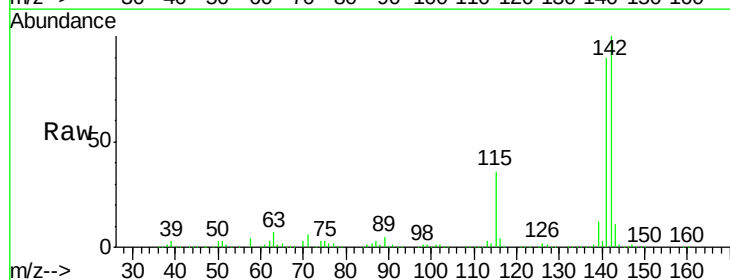
Tgt Ion:142 Resp: 1865790

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2

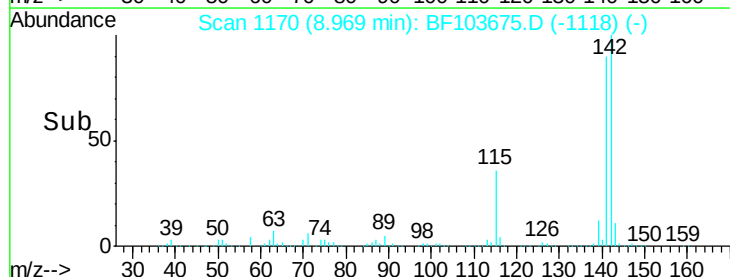
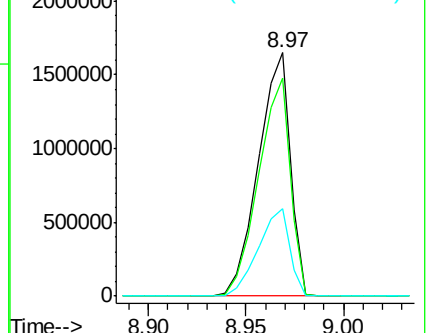
115 36.1 26.1 39.1

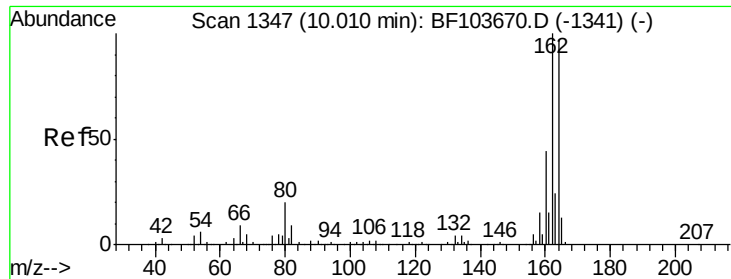


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

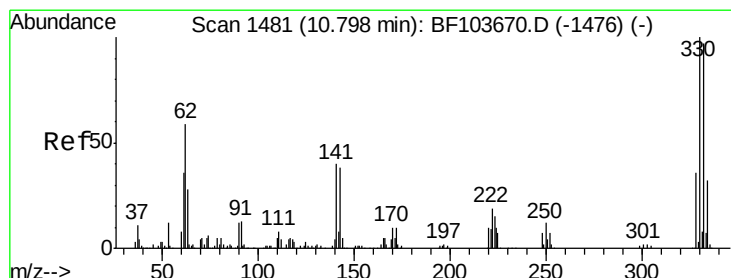
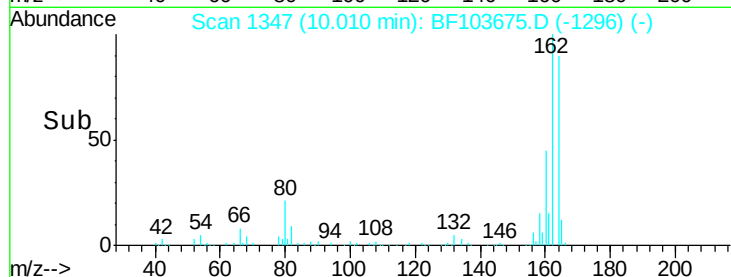
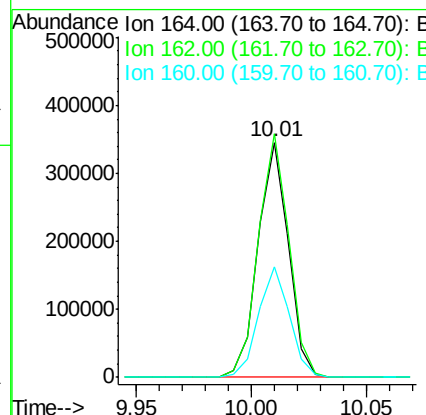
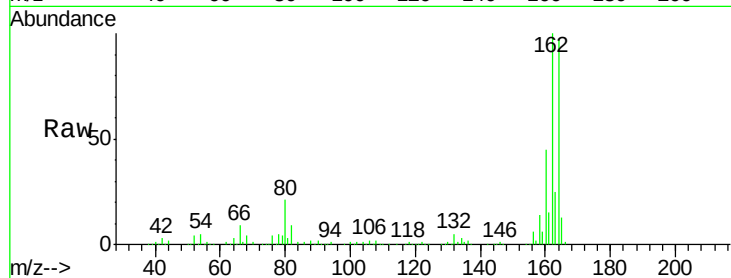




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

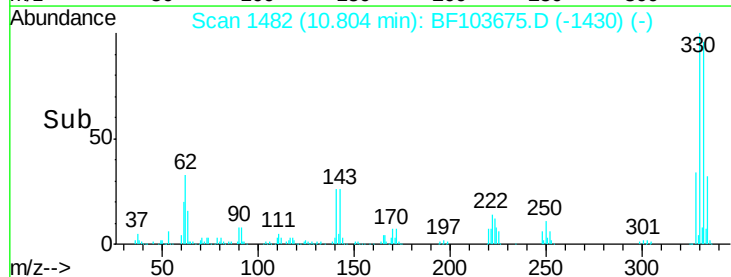
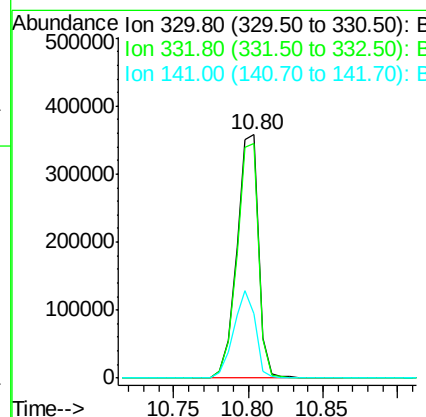
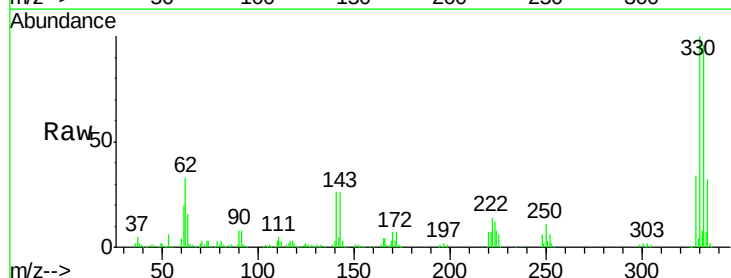
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

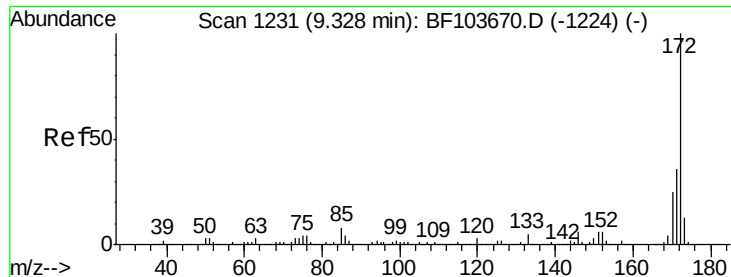
Tot Ion:164 Resp: 318503
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 46.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 134.024 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:330 Resp: 367027
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 36.4 29.9 44.9

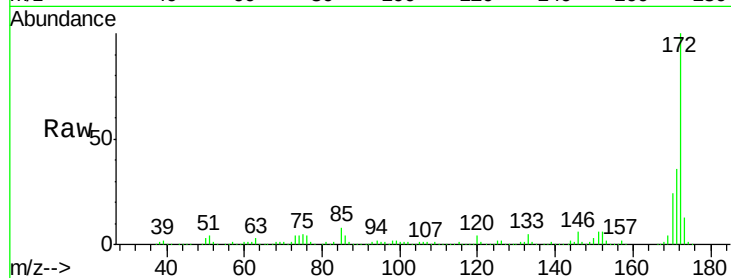




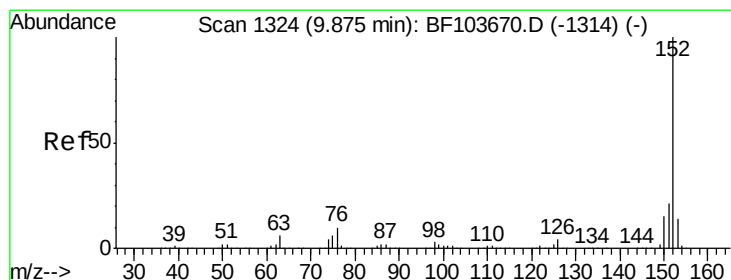
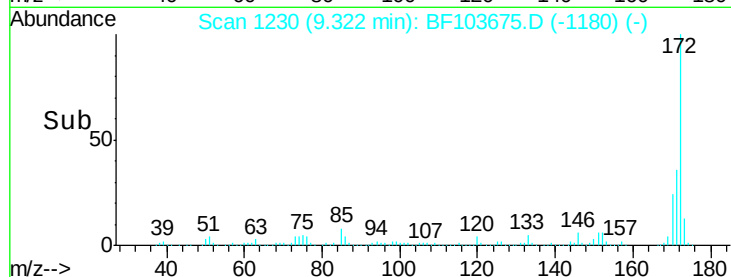
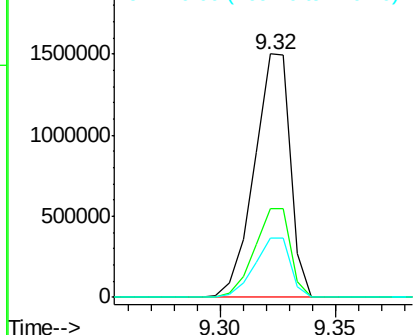
#44
2-Fluorobiphenyl
Concen: 81.625 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

Tot Ion:172 Resp: 1629808
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.1 19.6 29.4

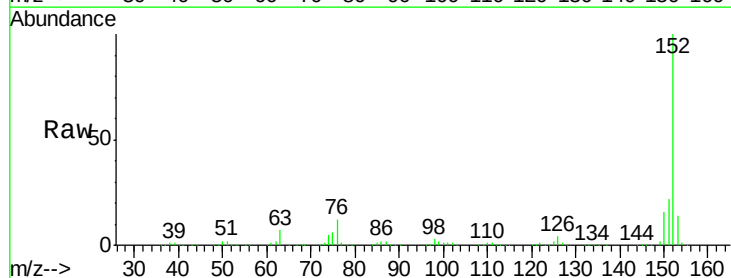


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

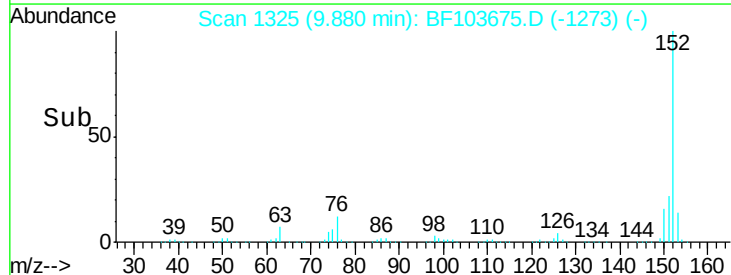
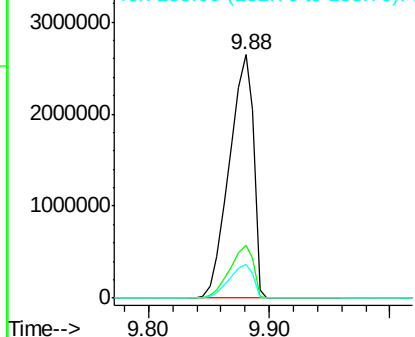


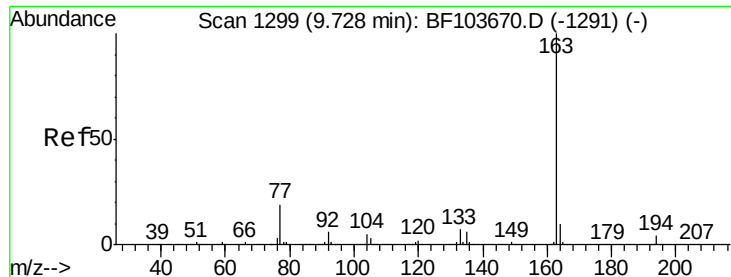
#48
Acenaphthylene
Concen: 112.192 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:152 Resp: 3669863
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5
153 14.0 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





#49

Dimethylphthalate

Concen: 63.423 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

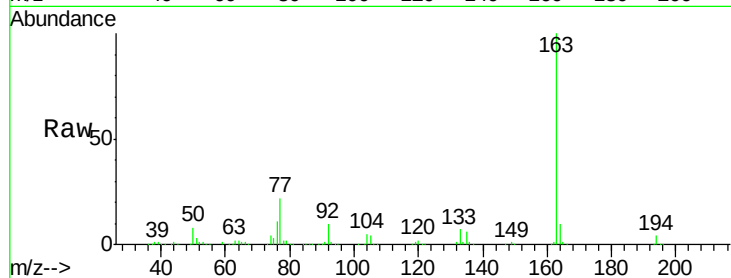
Tot Ion:163 Resp: 1541190

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

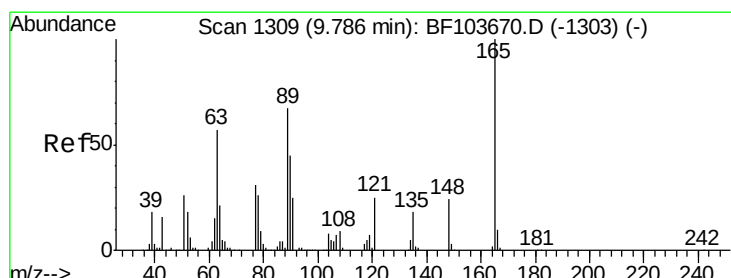
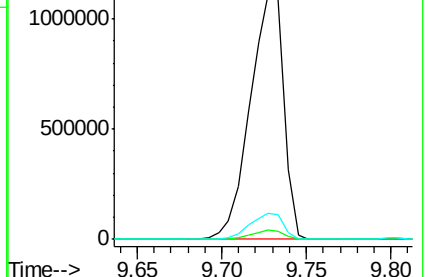
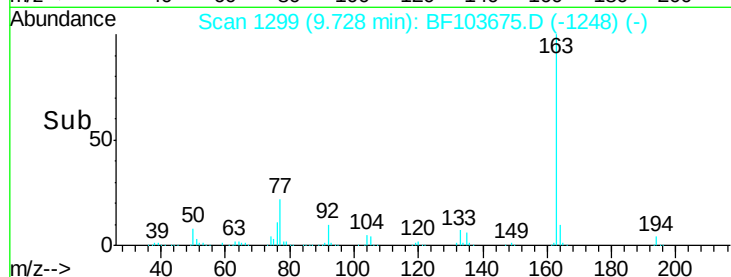
164 10.5 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 115.144 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.02 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

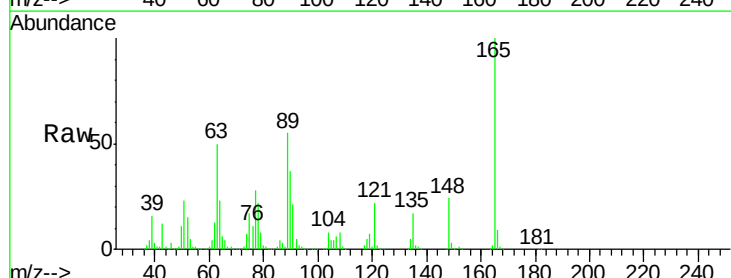
Tgt Ion:165 Resp: 569832

Ion Ratio Lower Upper

165 100

63 49.9 44.7 67.1

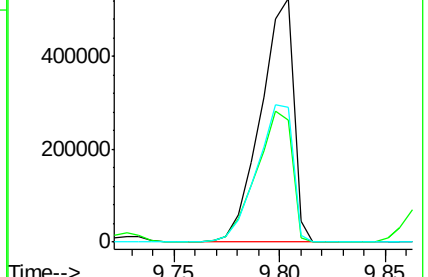
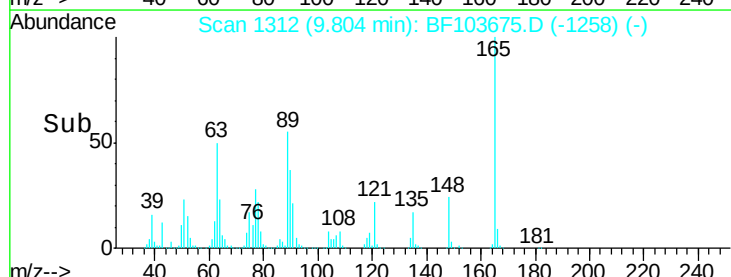
89 55.3 44.0 66.0

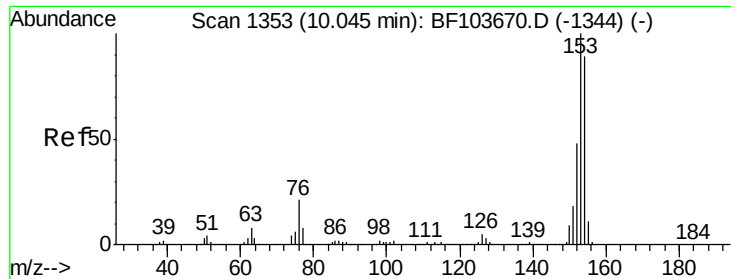


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 76.348 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

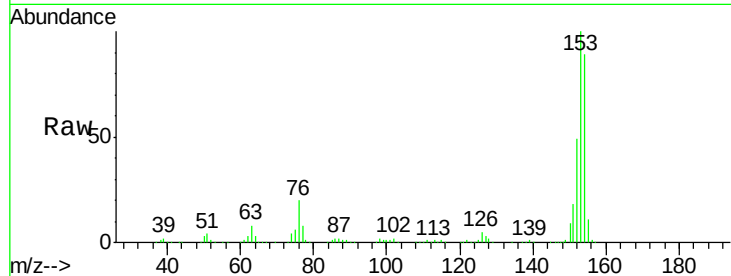
Tot Ion:154 Resp: 1482893

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

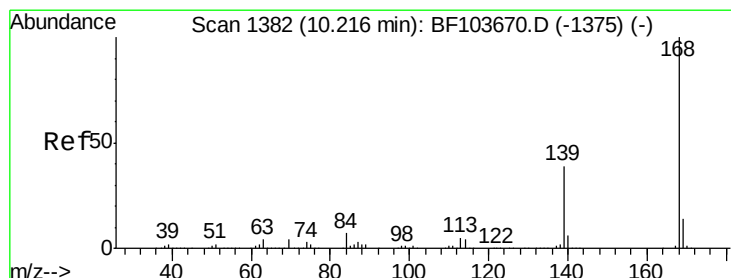
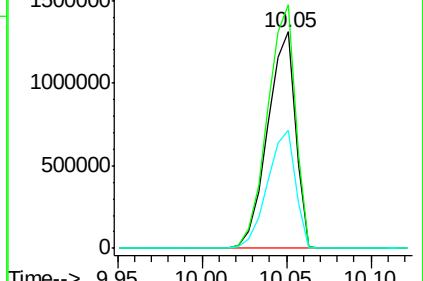
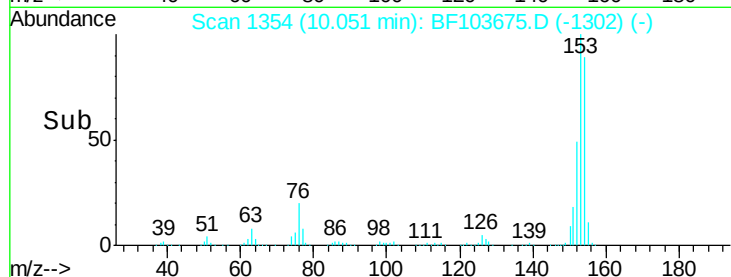
152 54.9 43.8 65.8



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

Dibenzofuran

Concen: 59.177 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

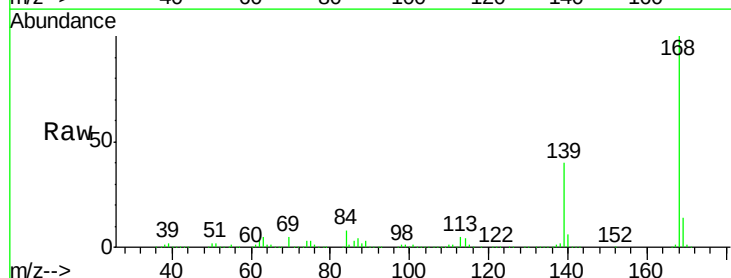
Tgt Ion:168 Resp: 1641565

Ion Ratio Lower Upper

168 100

139 40.2 30.1 45.1

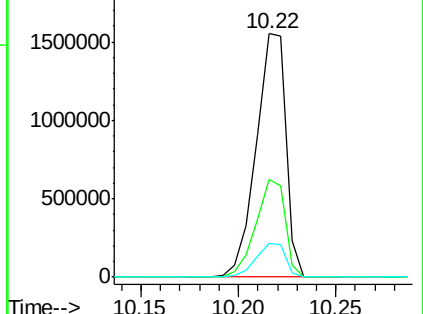
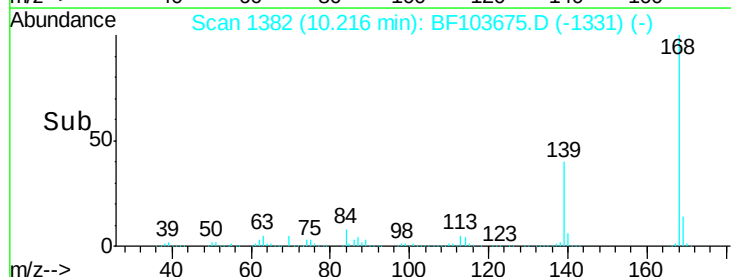
169 13.9 10.9 16.3

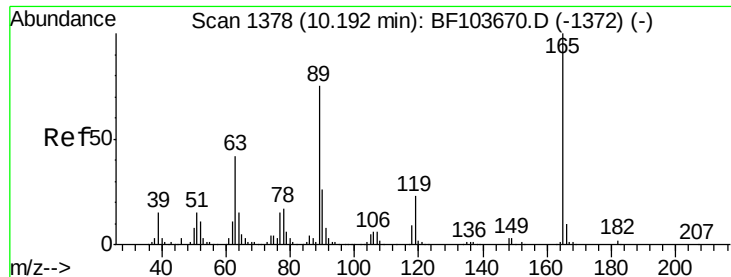


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

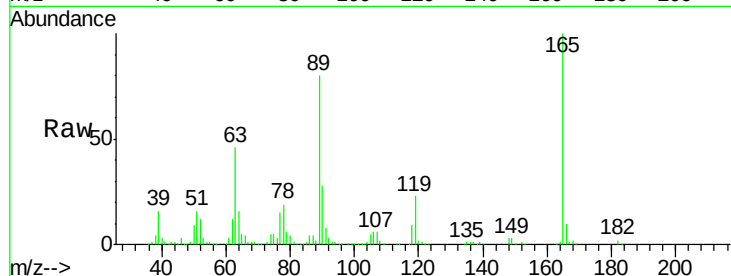




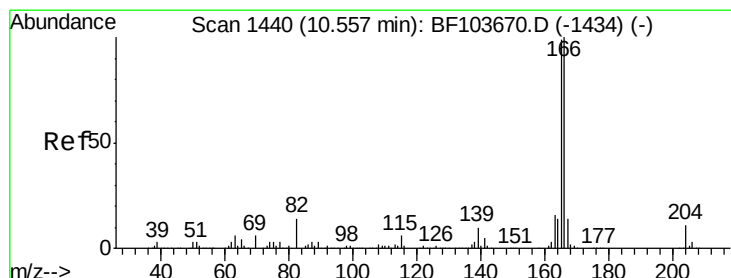
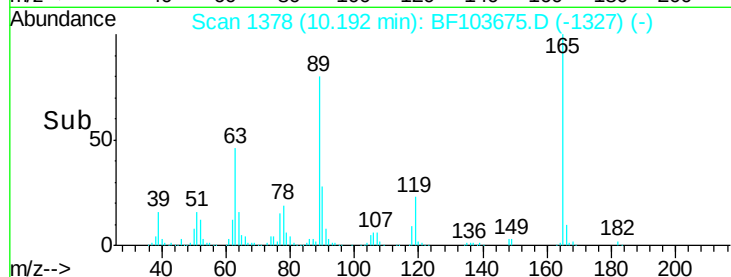
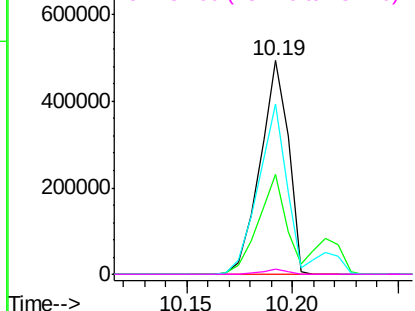
#56
2,4-Dinitrotoluene
Concen: 73.124 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

Tot Ion:165 Resp: 457725
Ion Ratio Lower Upper
165 100
63 46.5 36.4 54.6
89 79.7 57.8 86.6
182 2.2 1.6 2.4

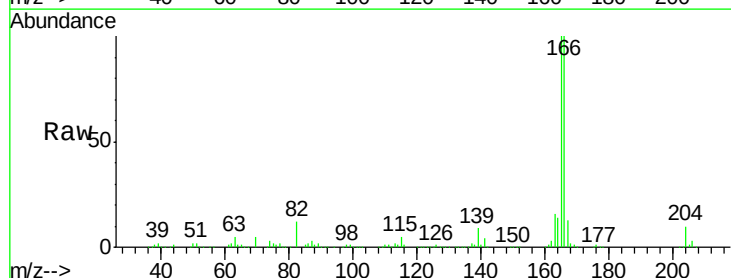


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

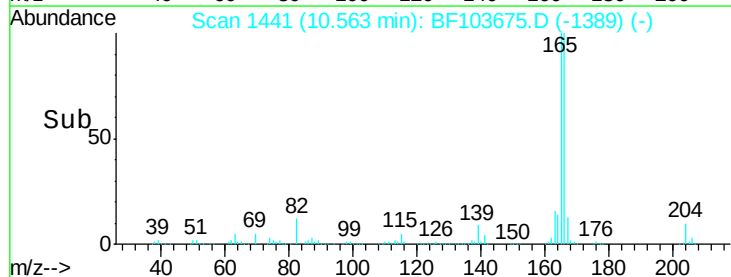
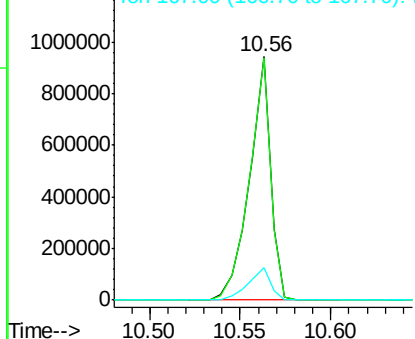


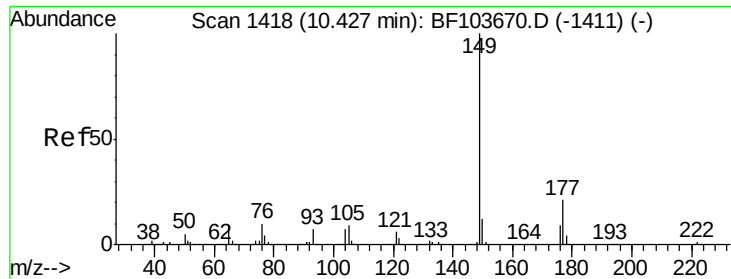
#57
Fluorene
Concen: 35.621 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:166 Resp: 766747
Ion Ratio Lower Upper
166 100
165 99.7 79.8 119.8
167 13.2 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

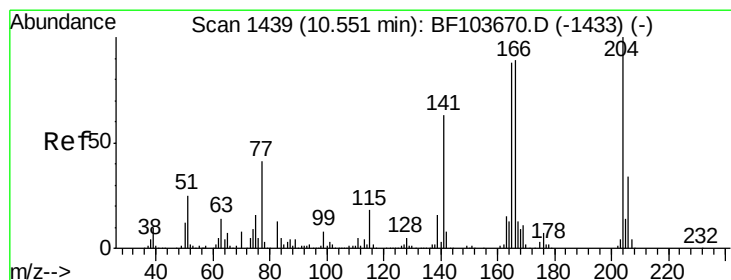
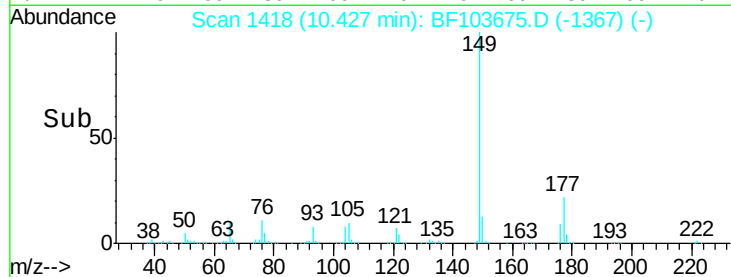
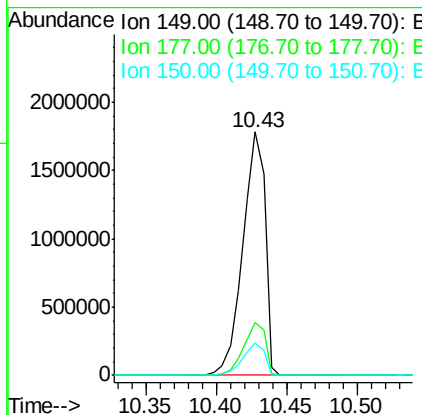
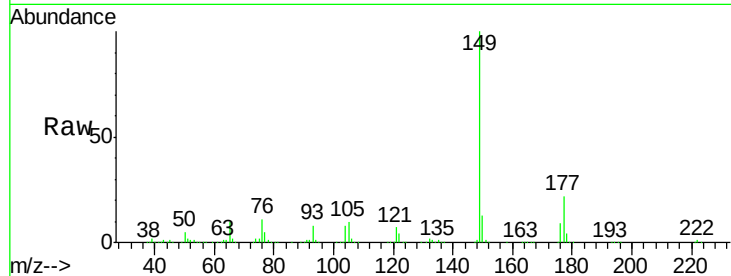




#59
Diethylphthalate
Concen: 81.318 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

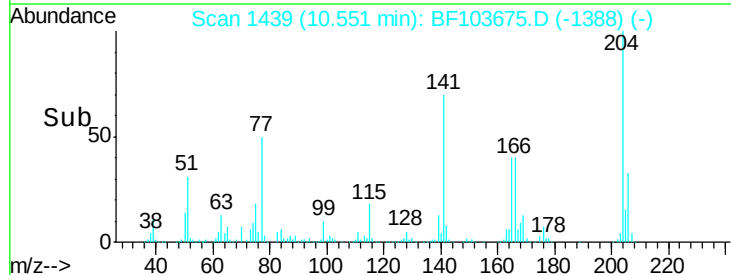
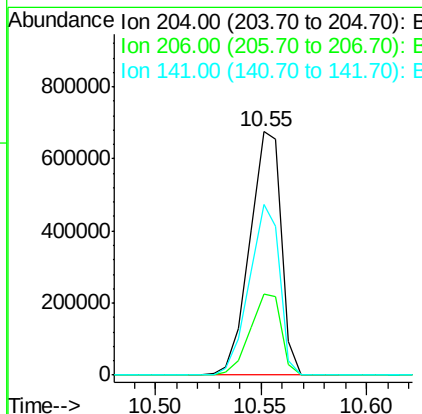
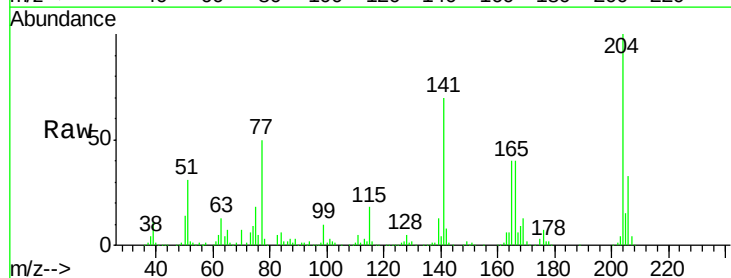
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

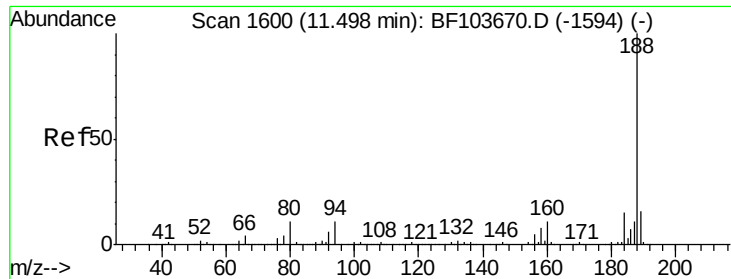
Tot Ion:149 Resp: 1961258
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 13.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 71.278 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:204 Resp: 701189
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 69.9 54.6 81.8

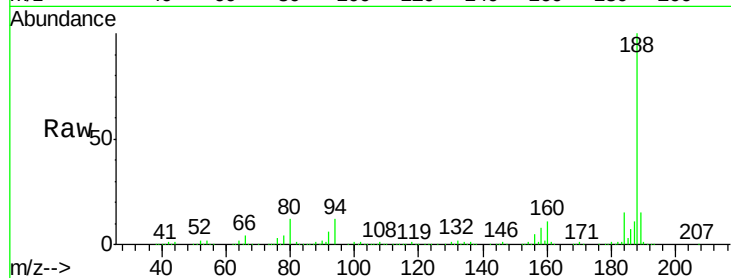




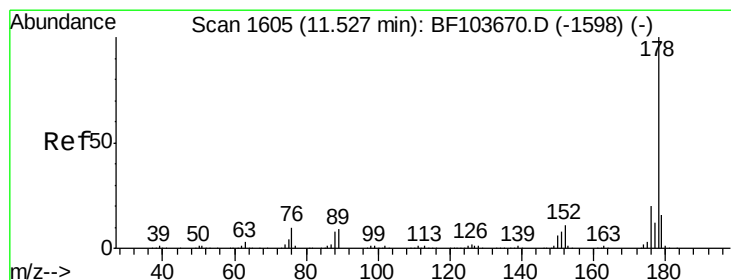
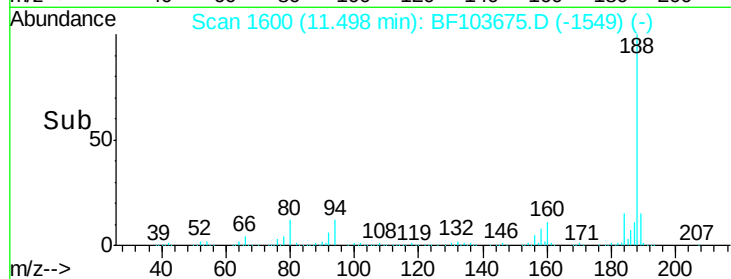
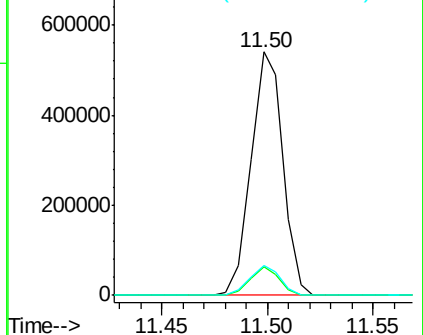
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

Tot Ion:188 Resp: 566021
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.2 9.2 13.8

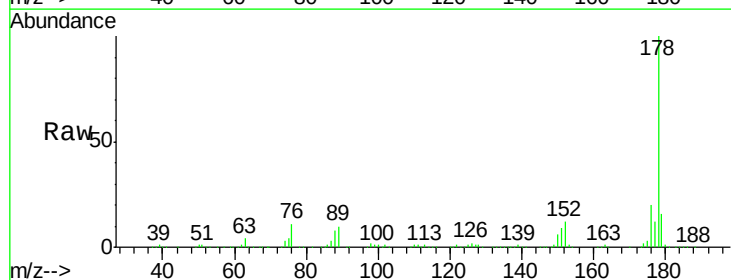


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

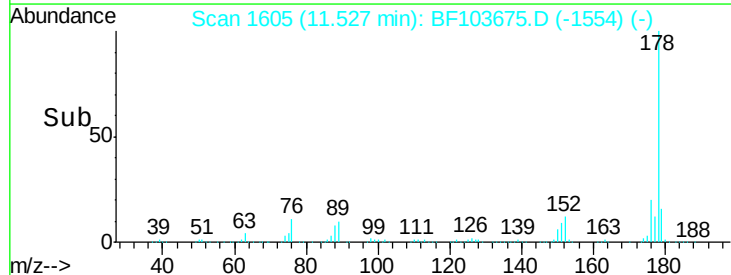
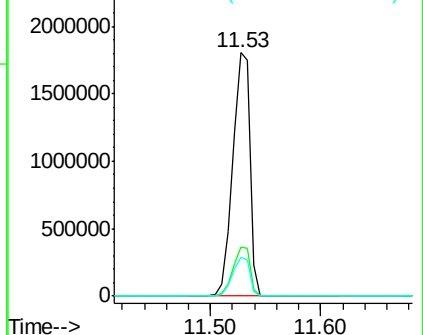


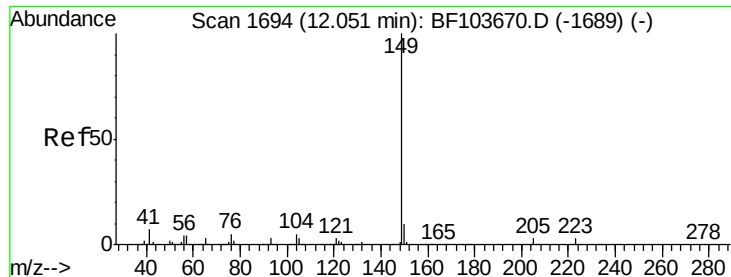
#70
Phenanthrene
Concen: 63.925 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:178 Resp: 1979288
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 16.1 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





#73

Di-n-butylphthalate

Concen: 95.046 ng

RT: 12.06 min Scan# 1696

Delta R.T. 0.01 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

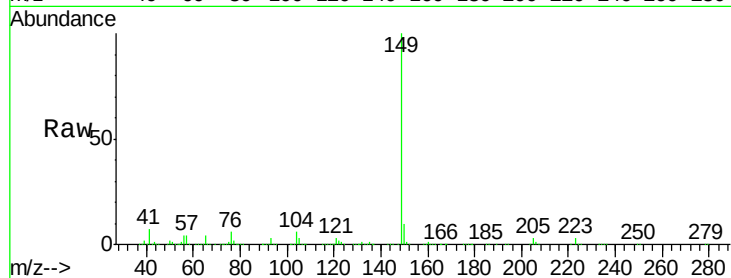
Tot Ion:149 Resp: 3485824

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

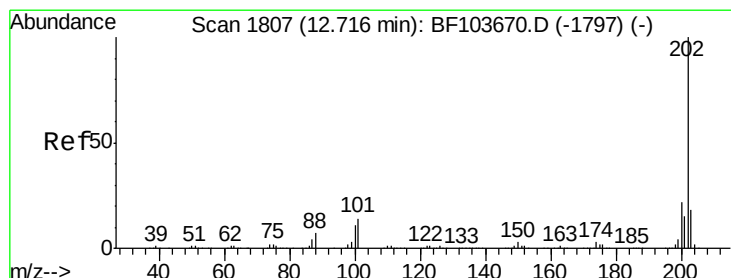
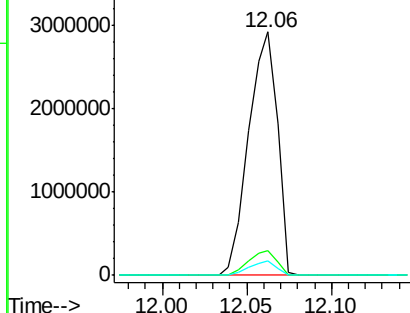
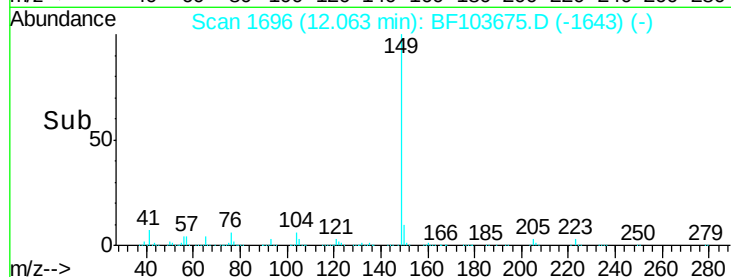
104 5.8 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 80.881 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

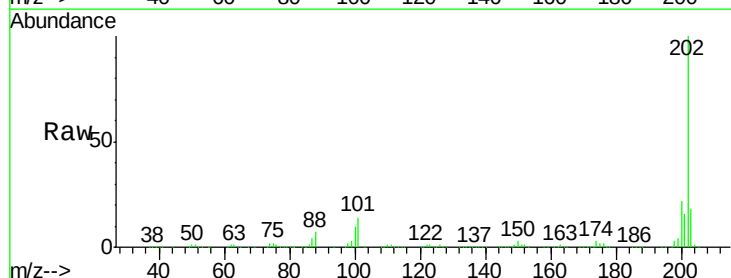
Tgt Ion:202 Resp: 2579992

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

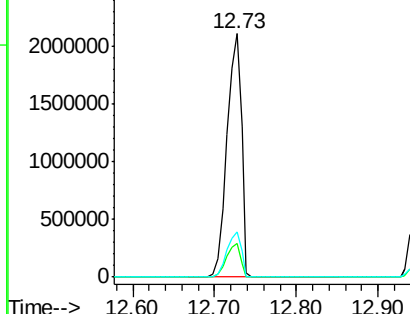
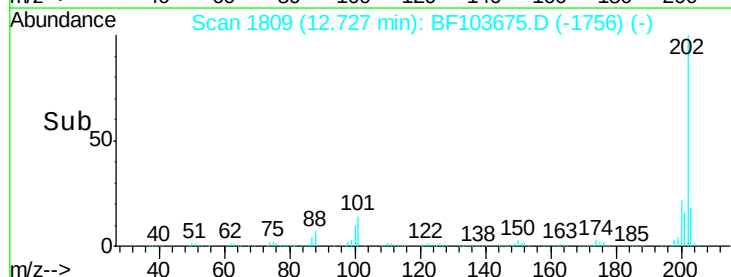
203 18.4 0.0 38.1

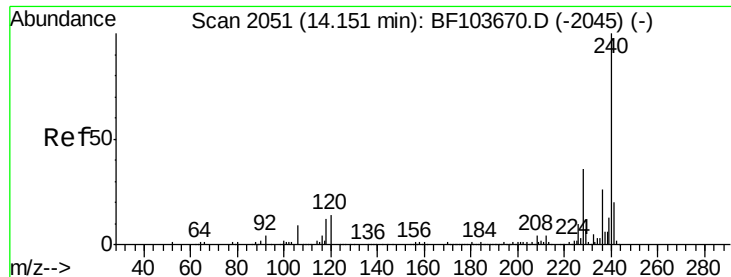


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

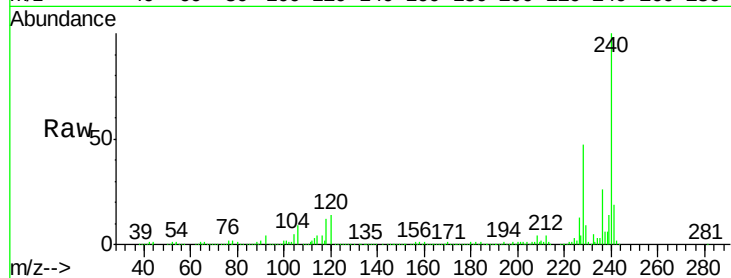
Tot Ion:240 Resp: 421744

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

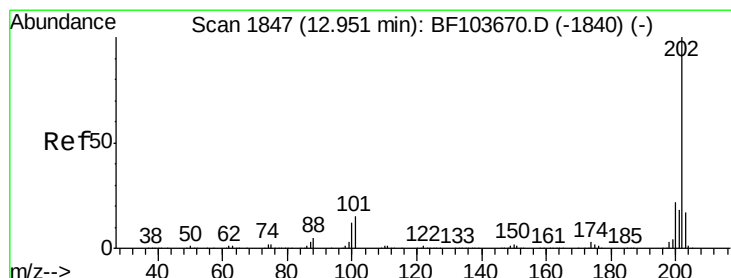
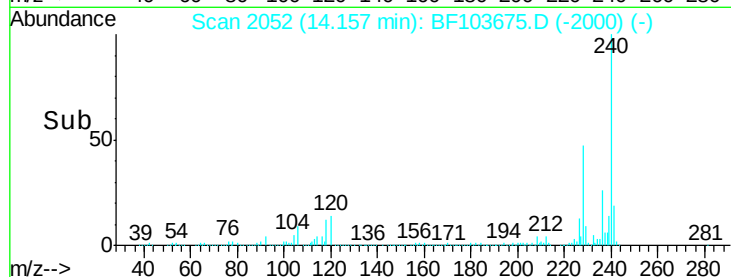
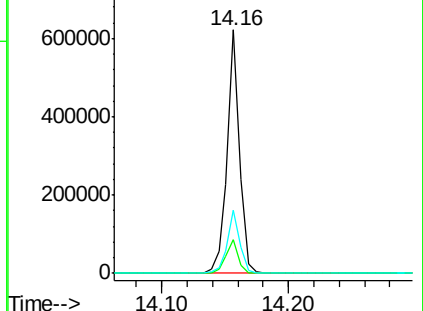
236 25.9 20.7 31.1



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

Pyrene

Concen: 54.844 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

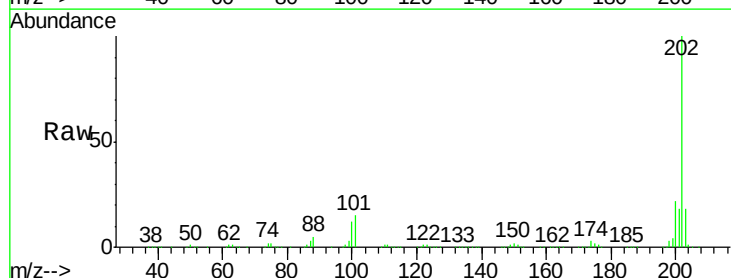
Tgt Ion:202 Resp: 1698660

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

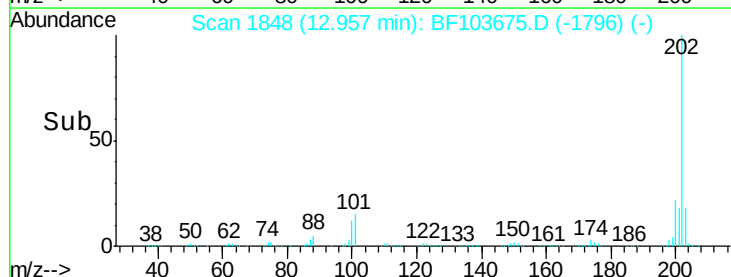
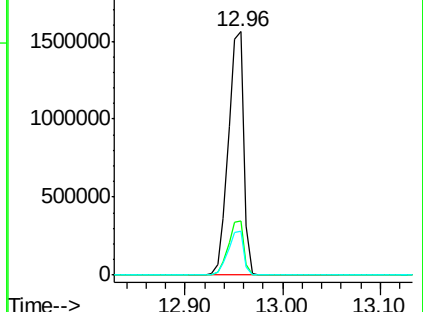
203 18.0 14.3 21.5

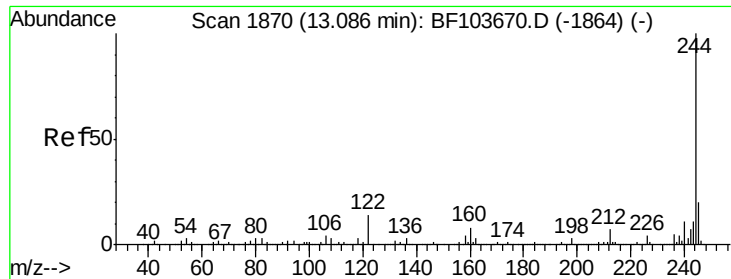


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

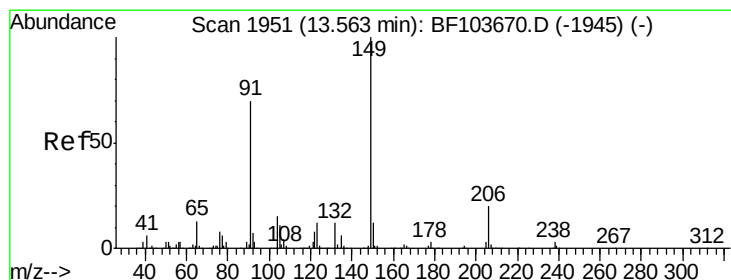
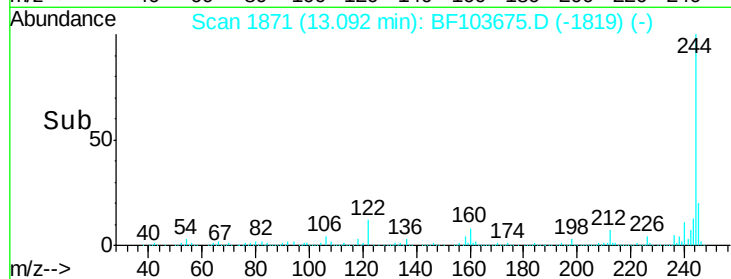
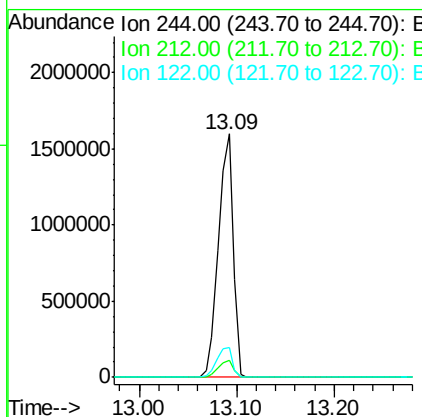
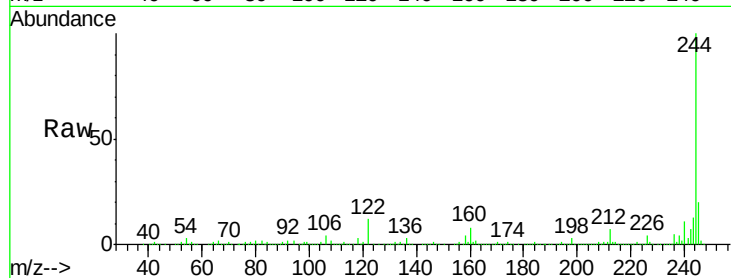




#78
 Terphenyl-d14
 Concen: 92.921 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103675.D
 Acq: 15 Mar 2018 18:28

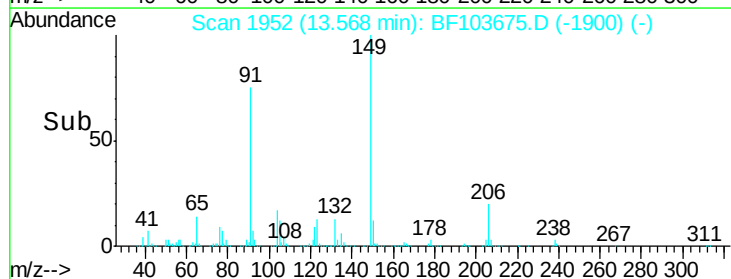
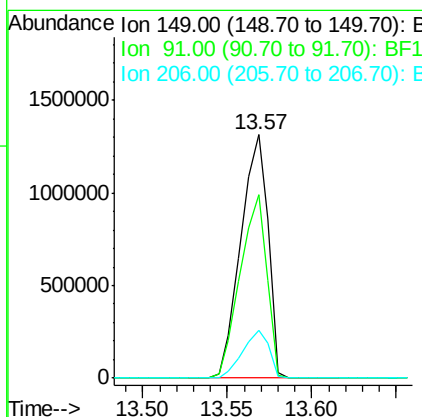
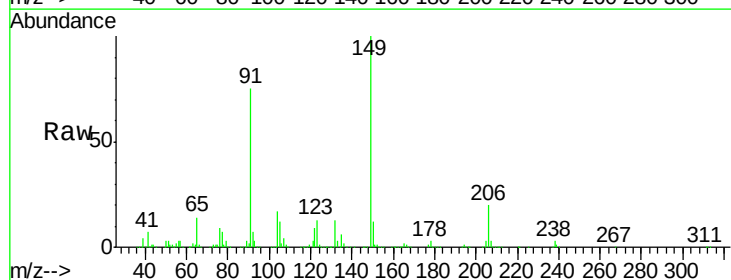
Instrument :
 BNA_F
 ClientSampleId :
 PT-BN-WP

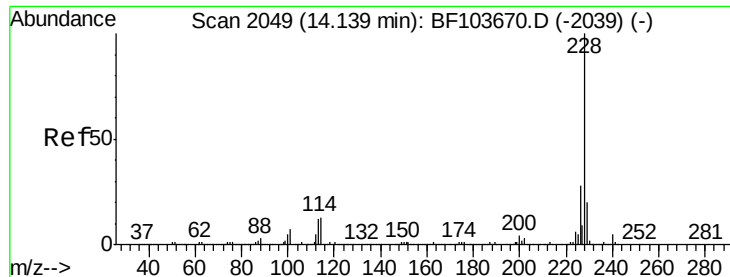
Tot Ion:244 Resp: 1688348
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.4 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 107.857 ng
 RT: 13.57 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: BF103675.D
 Acq: 15 Mar 2018 18:28

Tgt Ion:149 Resp: 1480071
 Ion Ratio Lower Upper
 149 100
 91 75.2 56.8 85.2
 206 19.8 14.1 21.1





#80

Benzo(a)anthracene

Concen: 67.256 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.01 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

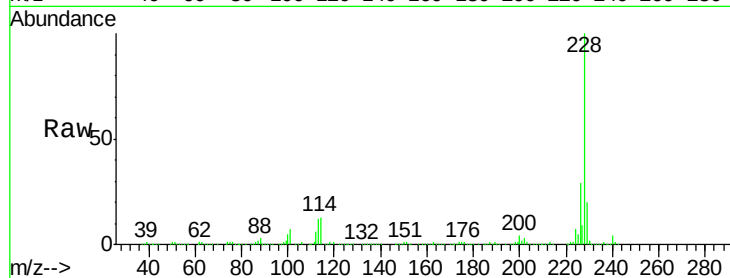
BNA_F

ClientSampleId :

PT-BN-WP

Tot Ion:228 Resp: 1795480

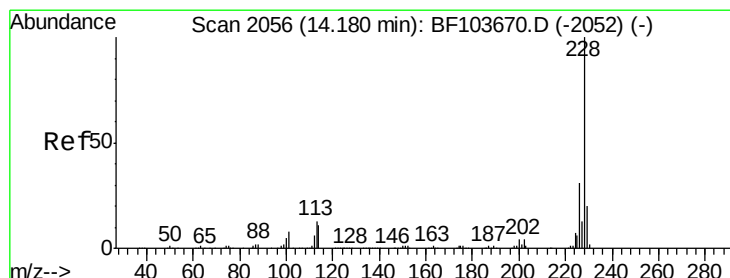
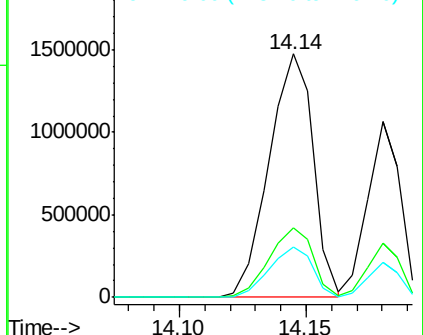
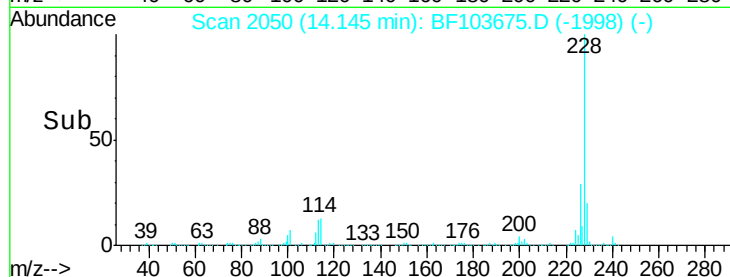
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.5	15.8	23.6



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: 37.735 ng

RT: 14.18 min Scan# 2056

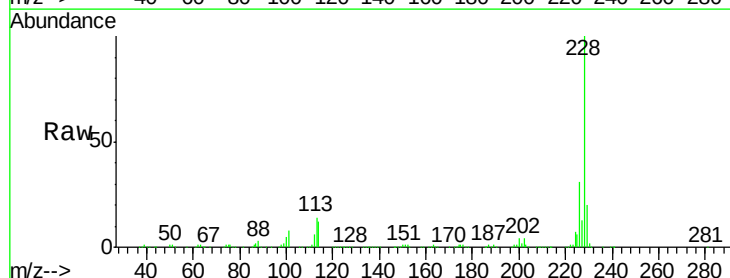
Delta R.T. -0.00 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Tgt Ion:228 Resp: 960286

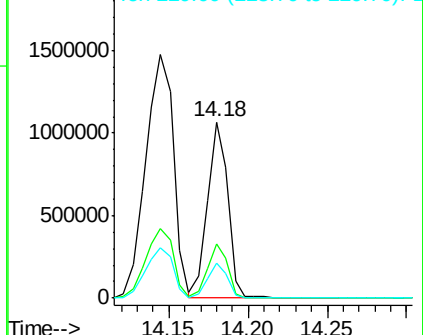
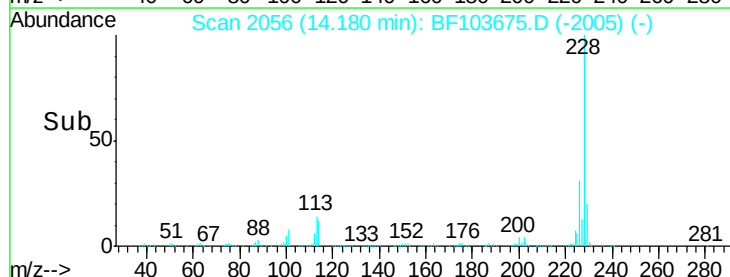
Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.0	16.2	24.4

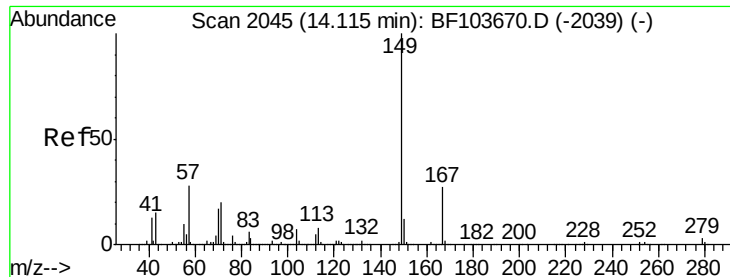


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.076 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

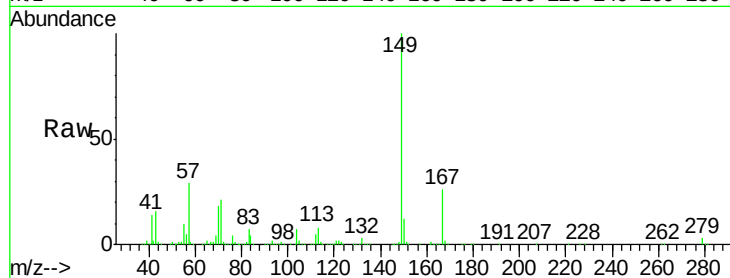
Tot Ion:149 Resp: 883659

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

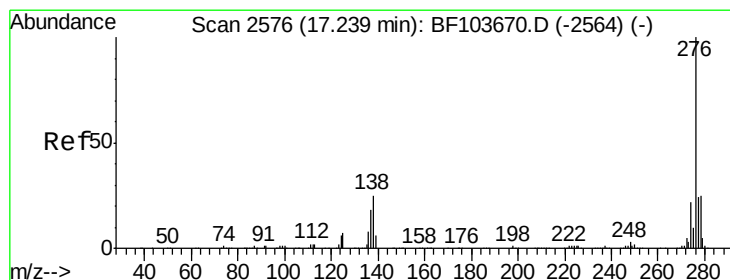
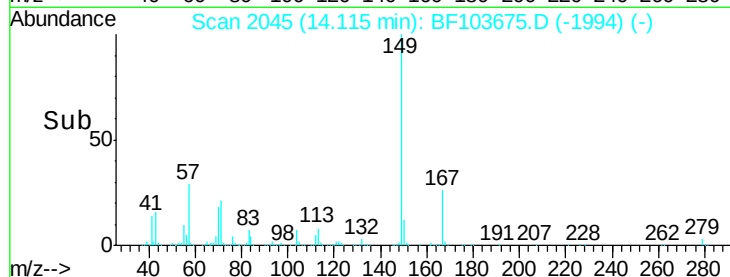
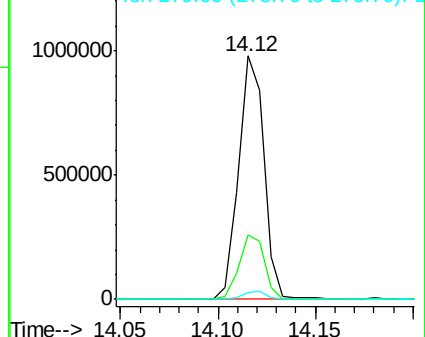
279 2.9 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 70.638 ng

RT: 17.27 min Scan# 2581

Delta R.T. 0.03 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

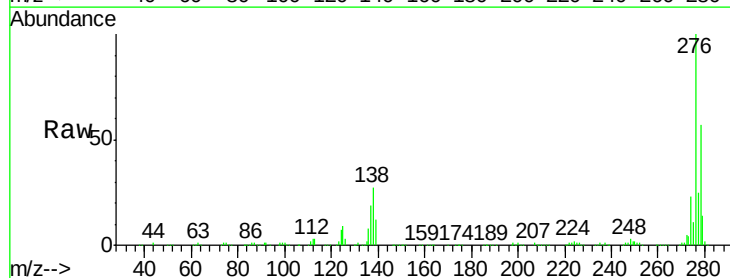
Tgt Ion:276 Resp: 1569860

Ion Ratio Lower Upper

276 100

138 27.4 25.0 37.6

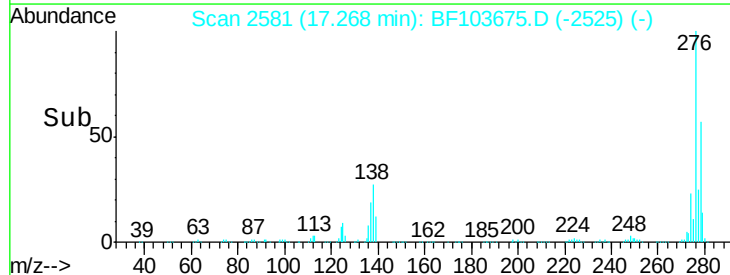
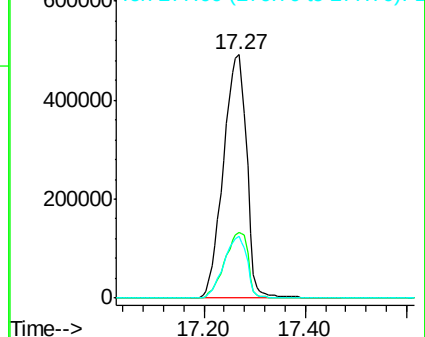
277 25.3 20.1 30.1

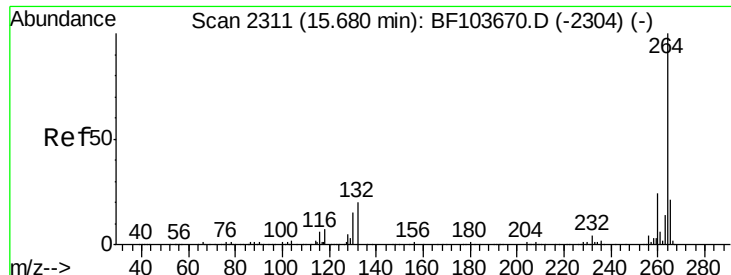


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

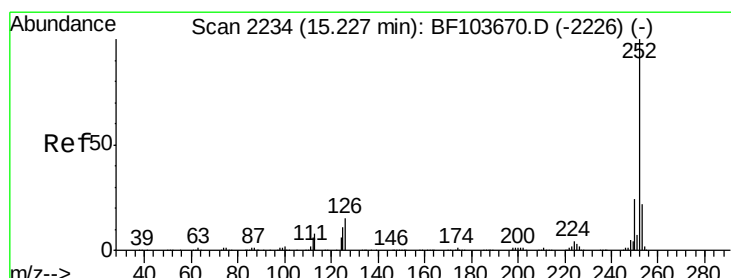
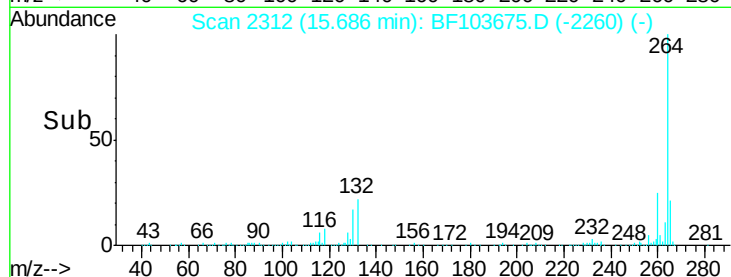
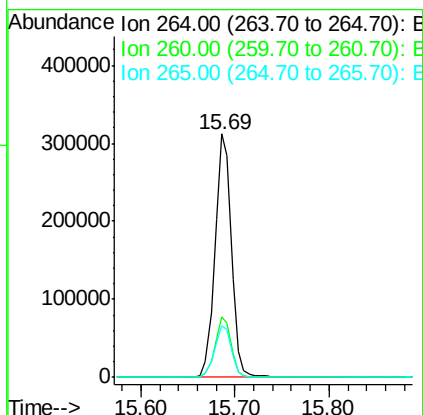
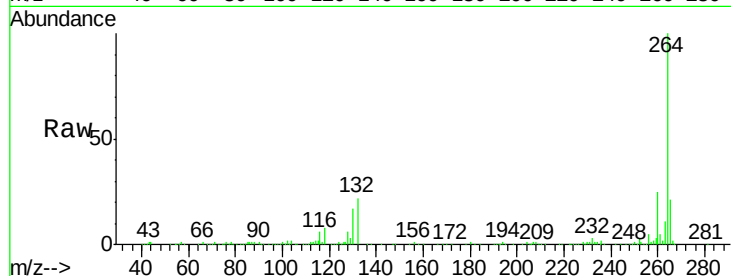




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

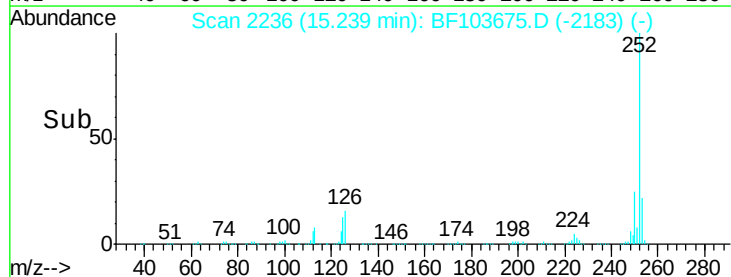
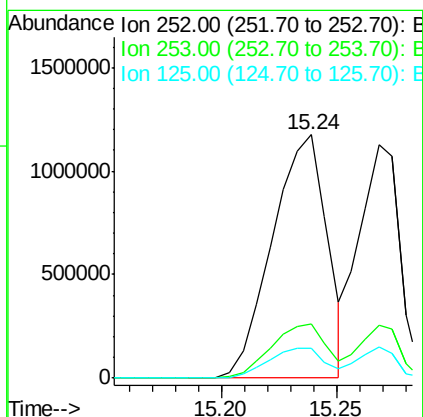
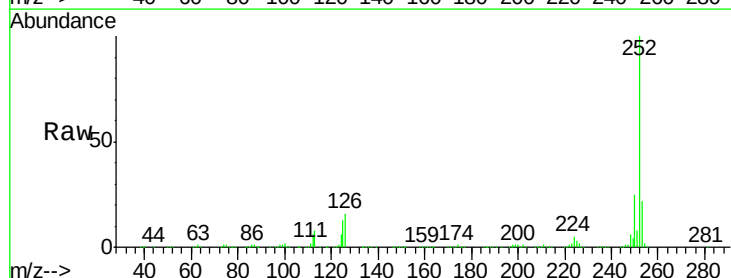
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

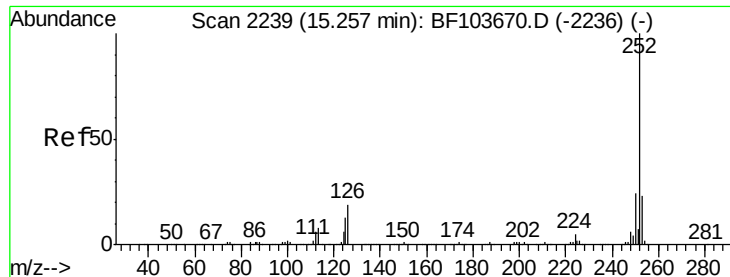
Tot Ion:264 Resp: 384104
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 21.3 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 79.779 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:252 Resp: 1935977
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 12.5 9.0 13.6

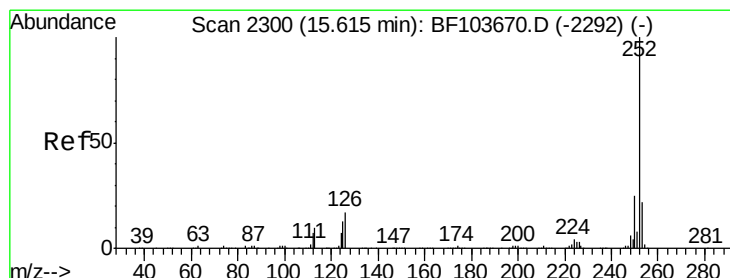
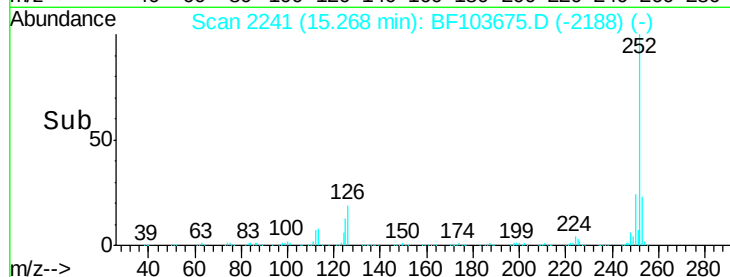
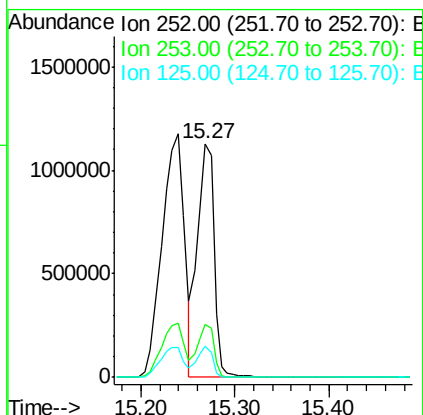
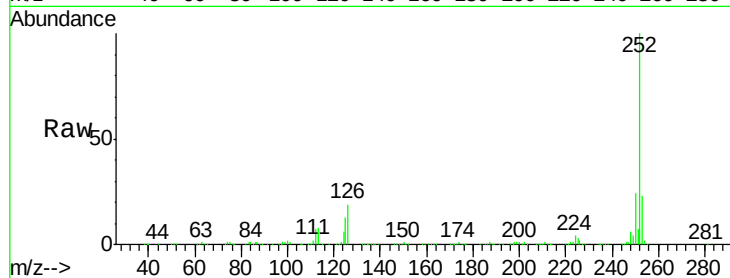




#88
Benzo(k)fluoranthene
Concen: 60.025 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

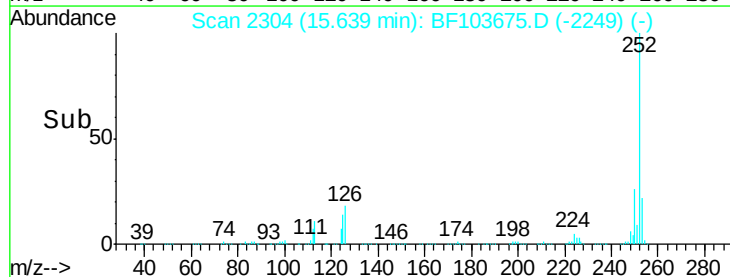
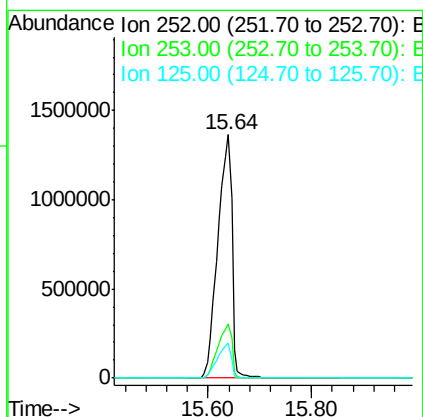
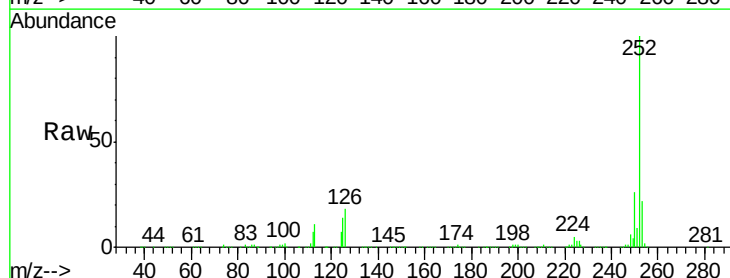
Instrument :
BNA_F
ClientSampleId :
PT-BN-WP

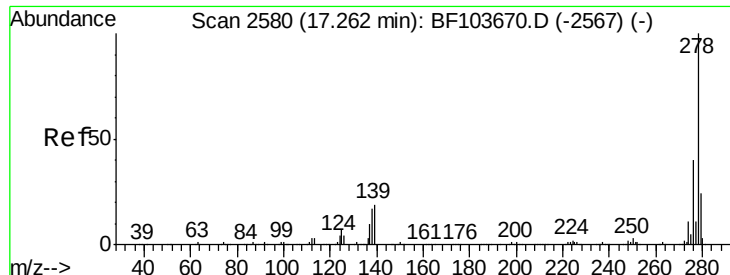
Tot Ion:252 Resp: 1400194
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 13.2 10.2 15.2



#89
Benzo(a)pyrene
Concen: 117.419 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.02 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:252 Resp: 2584413
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 14.3 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 49.662 ng

RT: 17.28 min Scan# 2583

Delta R.T. 0.02 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

PT-BN-WP

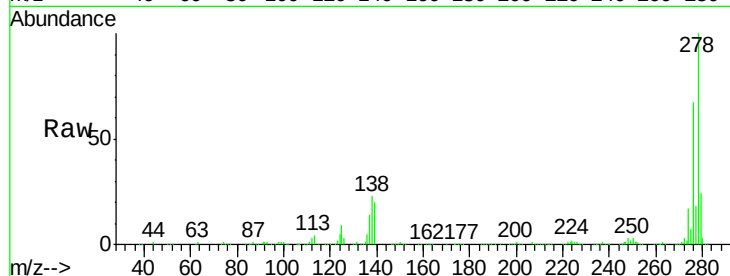
Tot Ion:278 Resp: 946478

Ion Ratio Lower Upper

278 100

139 19.7 15.9 23.9

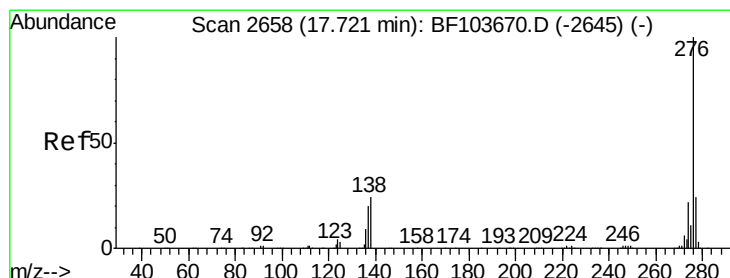
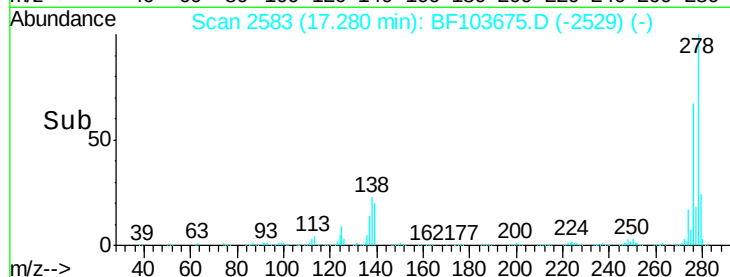
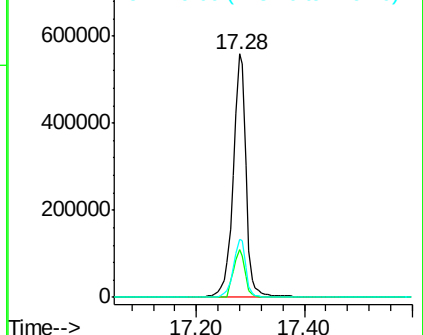
279 24.0 19.0 28.4



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



#91

Benzo(g,h,i)perylene

Concen: 59.122 ng

RT: 17.74 min Scan# 2661

Delta R.T. 0.02 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

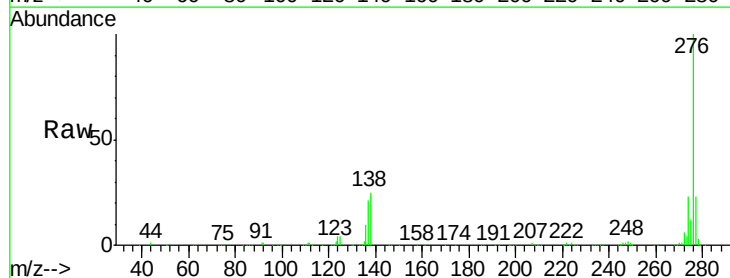
Tgt Ion:276 Resp: 1096174

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 25.5 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

