

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
 Data File : BF103100.D
 Acq On : 20 Feb 2018 00:02
 Operator : SJ/JU
 Sample : J1600-04 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 01:25:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	154034	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	633915	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	275762	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	414624	20.00	ng	0.00
75) Chrysene-d12	14.05	240	249237	20.00	ng	0.00
86) Perylene-d12	15.54	264	273738	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	121790	12.01	ng	0.00
7) Phenol-d6	6.50	99	151921	12.44	ng	0.00
23) Nitrobenzene-d5	7.43	82	86707	9.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	21457	9.67	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	108208	6.51	ng	-0.01
78) Terphenyl-d14	12.99	244	66247	6.29	ng	0.00

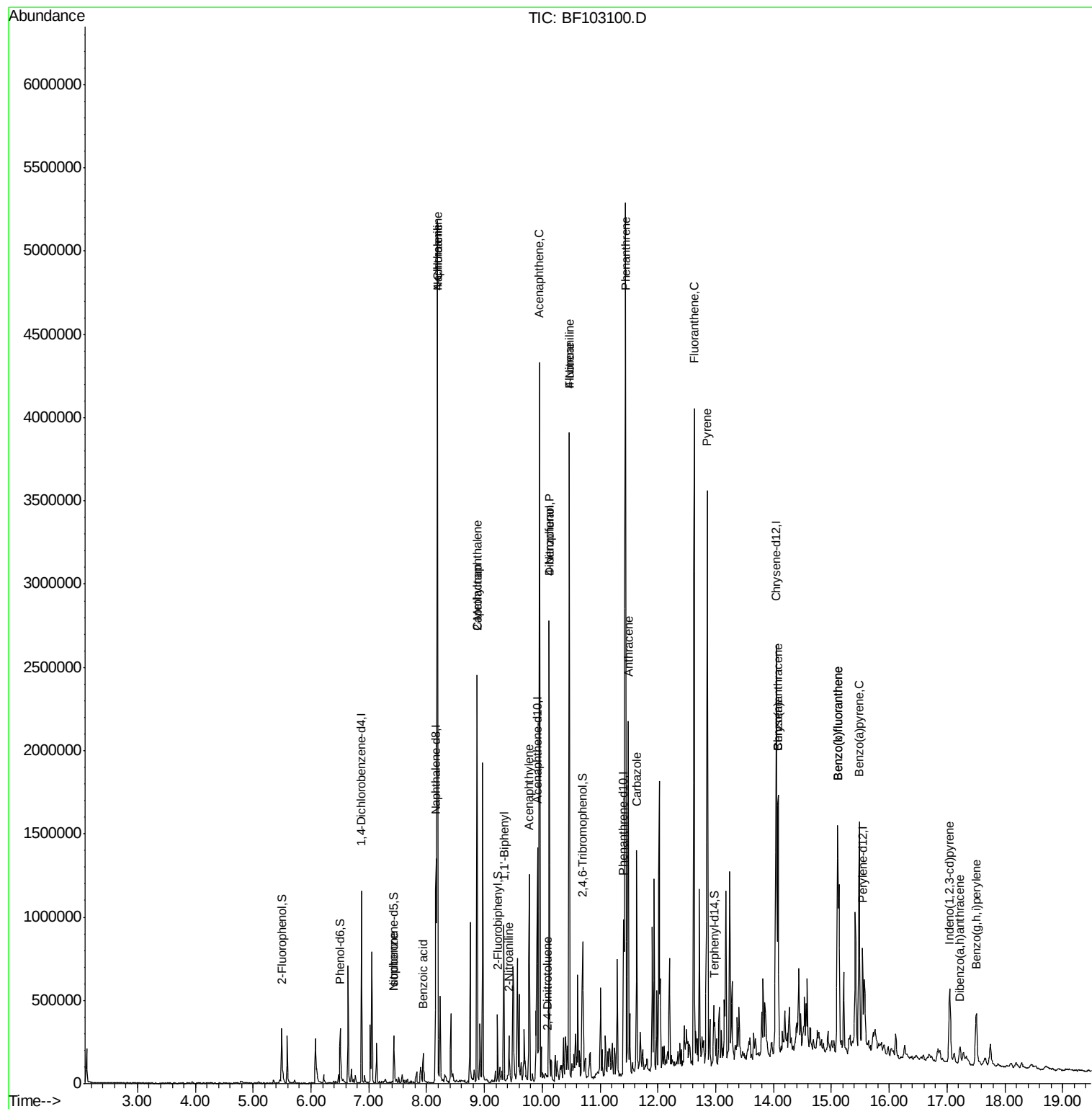
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
24) Nitrobenzene	7.48	77	738	Below Cal	#	7
25) Isophorone	7.43	82	86705	4.12	ng	64
31) Naphthalene	8.19	128	2527584	81.61	ng	98
32) Benzoic acid	7.95	122	14638	10.78	ng	18
33) 4-Chloroaniline	8.19	127	350356	26.26	ng	34
35) Caprolactam	8.87	113	14071	5.01	ng	1
37) 2-Methylnaphthalene	8.87	142	656715	32.39	ng	99
45) 1,1'-Biphenyl	9.33	154	274083	11.80	ng	96
47) 2-Nitroaniline	9.43	65	1865	3.78	ng	15
48) Acenaphthylene	9.77	152	434058	15.28	ng	99
51) Acenaphthene	9.95	154	992305	58.42	ng	100
54) Dibenzofuran	10.12	168	1030517	43.05	ng	97
55) 4-Nitrophenol	10.12	139	407655	97.62	ng	10
56) 2,4-Dinitrotoluene	10.09	165	2991	3.59	ng	52
57) Fluorene	10.47	166	1130869	64.94	ng	99
61) 4-Nitroaniline	10.47	138	13244	2.76	ng	21
70) Phenanthrene	11.44	178	2808575	121.63	ng	99
71) Anthracene	11.49	178	762180	32.45	ng	100
72) Carbazole	11.63	167	497413	21.62	ng	99
74) Fluoranthene	12.63	202	1935167	83.29	ng	98
77) Pyrene	12.86	202	1566591	80.16	ng	100
80) Benzo(a)anthracene	14.08	228	602487	38.44	ng	94
82) Chrysene	14.08	228	602487	38.13	ng	98
85) Indeno(1,2,3-cd)pyrene	17.05	276	286337	21.85	ng	94
87) Benzo(b)fluoranthene	15.11	252	1177691	66.36	ng	94
88) Benzo(k)fluoranthene	15.11	252	1177691	69.45	ng	97
89) Benzo(a)pyrene	15.48	252	653904	40.93	ng	95
90) Dibenzo(a,h)anthracene	17.23	278	66495	5.13	ng	94
91) Benzo(g,h,i)perylene	17.51	276	241692	19.04	ng	98

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
Data File : BF103100.D
Acq On : 20 Feb 2018 00:02
Operator : SJ/JU
Sample : J1600-04 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 20 01:25:59 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration



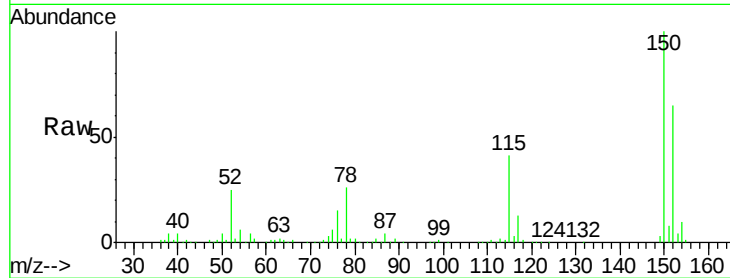


#1

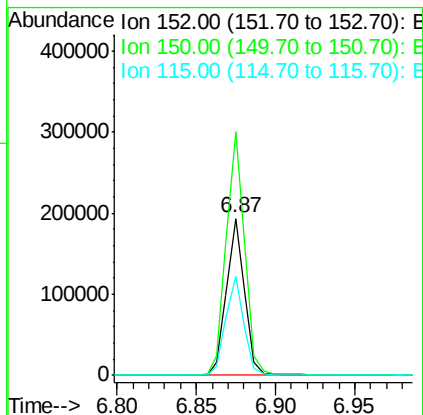
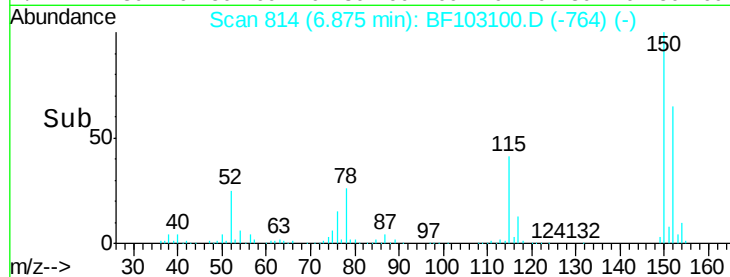
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154034
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 62.8 50.1 75.1



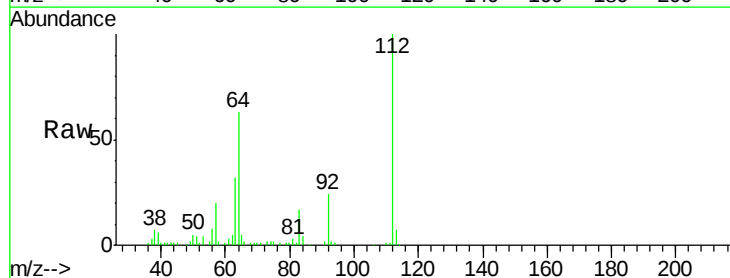
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



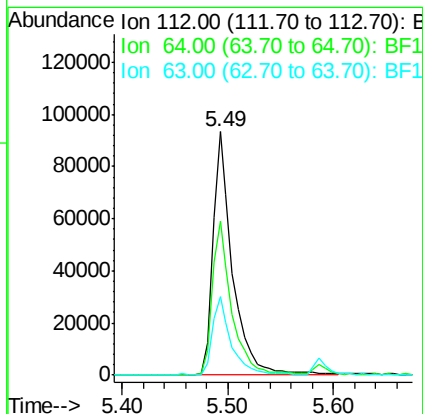
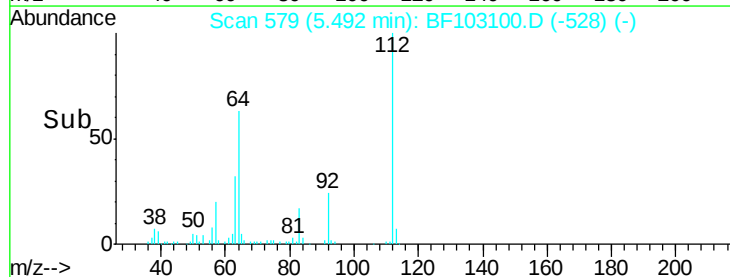
#5

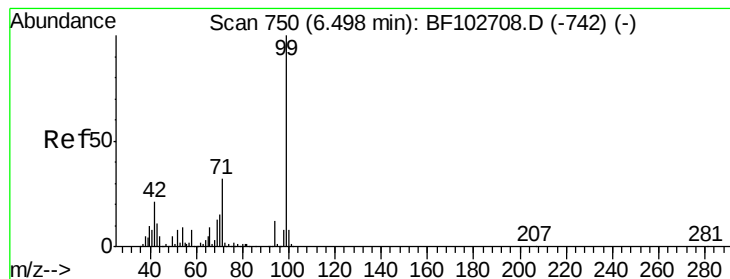
2-Fluorophenol
Concen: 12.01 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

Tgt Ion:112 Resp: 121790
Ion Ratio Lower Upper
112 100
64 63.0 47.9 71.9
63 32.2 23.7 35.5



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: 12.44 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103100.D

Acq: 20 Feb 2018 00:02

Instrument :

BNA_F

ClientSampleId :

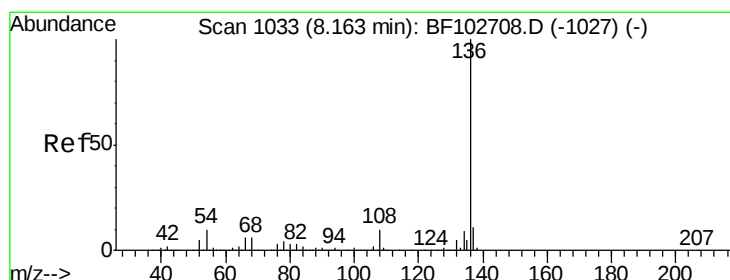
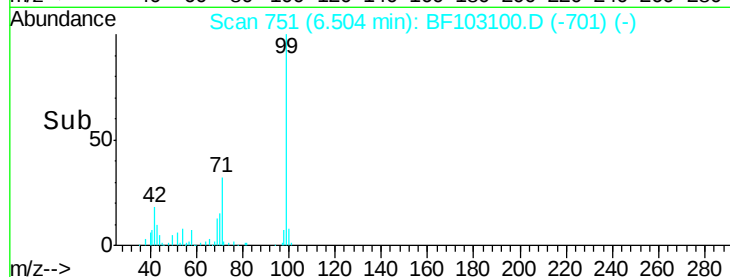
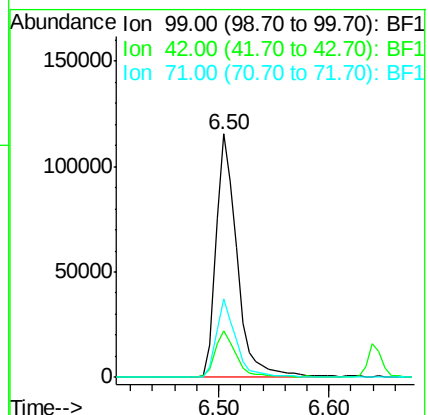
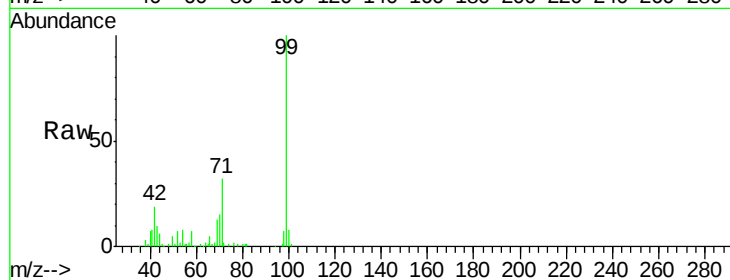
Tot Ion: 99 Resp: 151921

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 32.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103100.D

Acq: 20 Feb 2018 00:02

Tgt Ion: 136 Resp: 633915

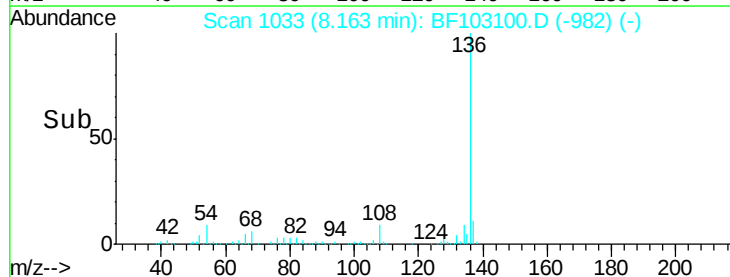
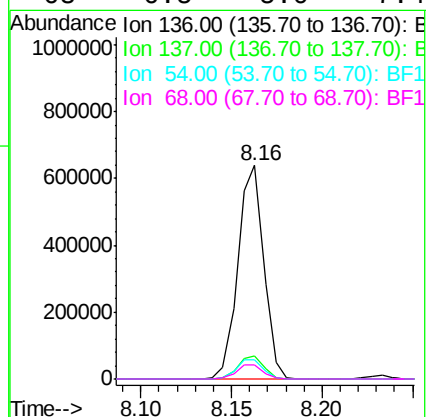
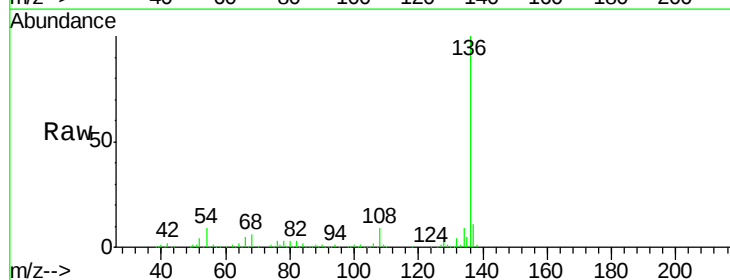
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.2 6.6 9.8

68 6.5 5.0 7.4

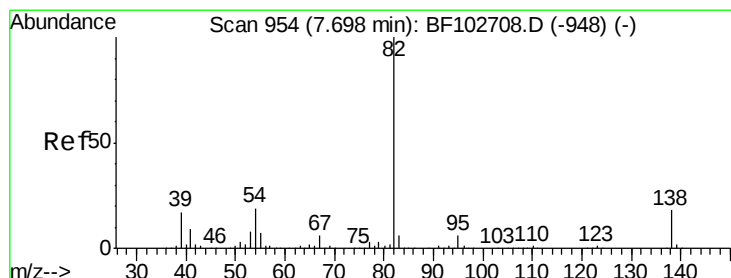
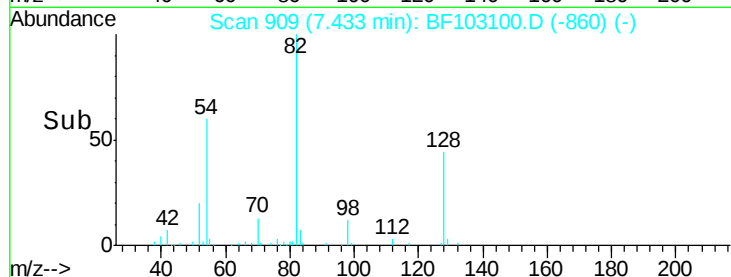
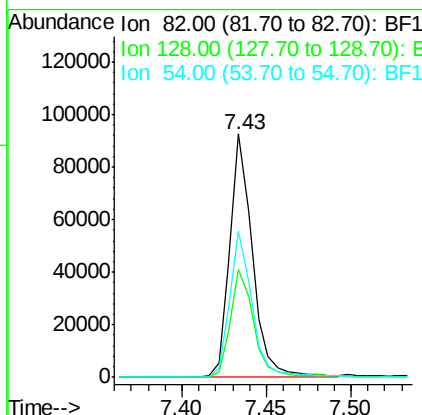
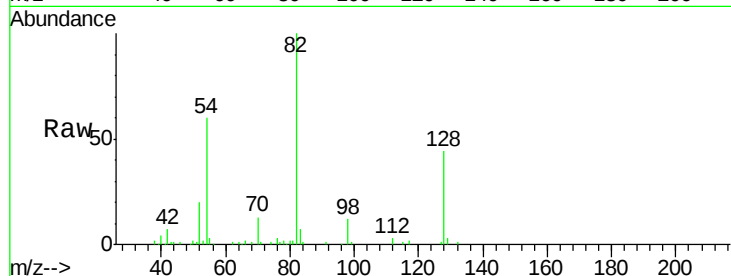




#23
Nitrobenzene-d5
Concen: 9.49 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

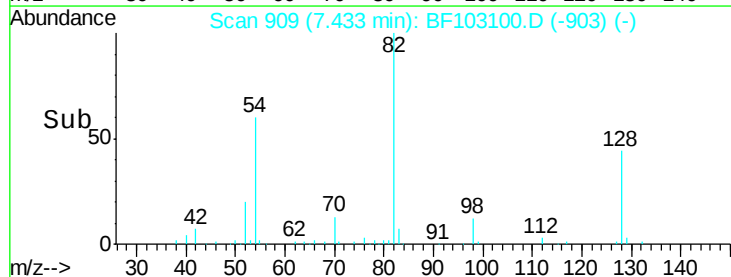
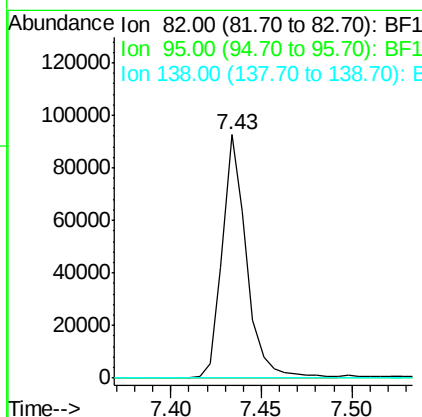
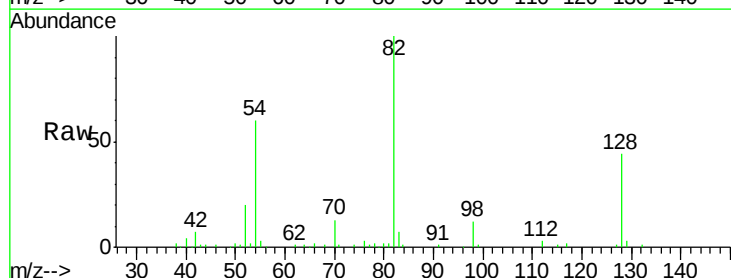
Instrument :
BNA_F
ClientSampleId :

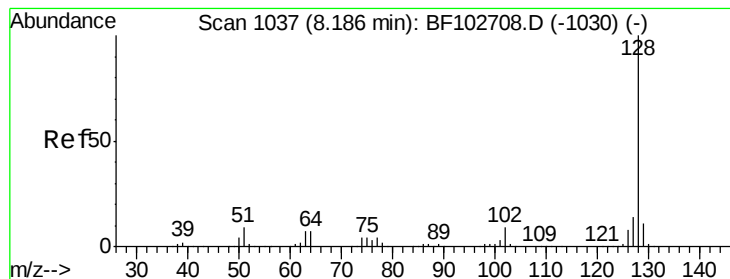
Tot Ion	82	Resp	86707
Ion Ratio	100	Lower	Upper
128	44.2	36.1	54.1
54	60.3	41.4	62.2



#25
Isophorone
Concen: 4.12 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

Tgt Ion	82	Resp	86705
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#31

Naphthalene

Concen: 81.61 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF103100.D

Acq: 20 Feb 2018 00:02

Instrument :

BNA_F

ClientSampleId :

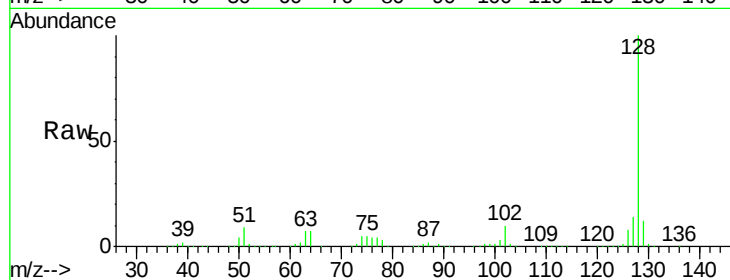
Tot Ion:128 Resp: 2527584

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

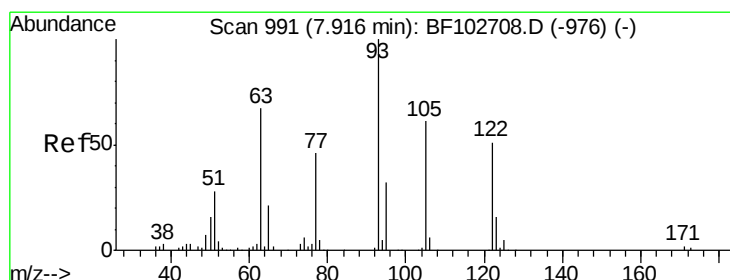
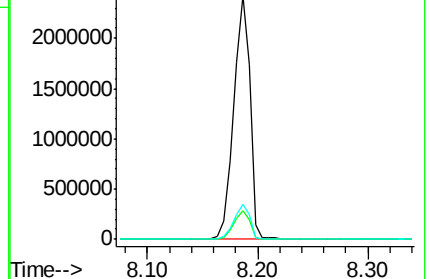
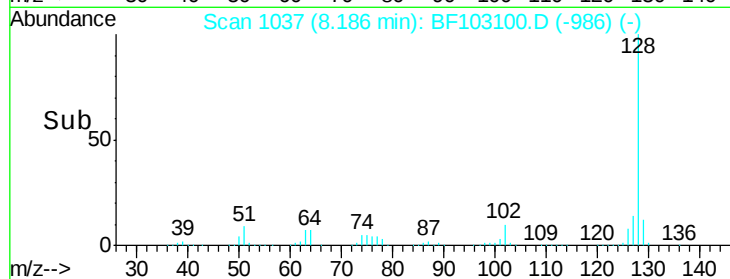
127 14.3 10.9 16.3



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: 10.78 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF103100.D

Acq: 20 Feb 2018 00:02

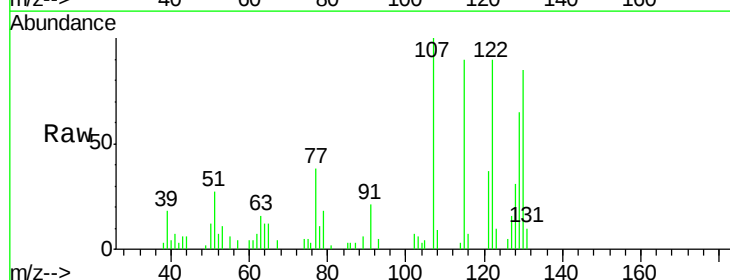
Tgt Ion:122 Resp: 14638

Ion Ratio Lower Upper

122 100

105 4.9 101.1 141.1#

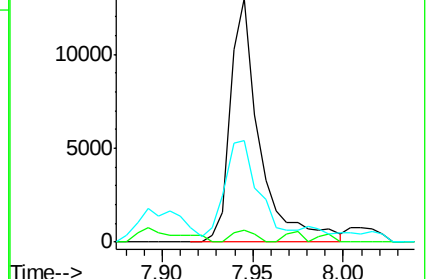
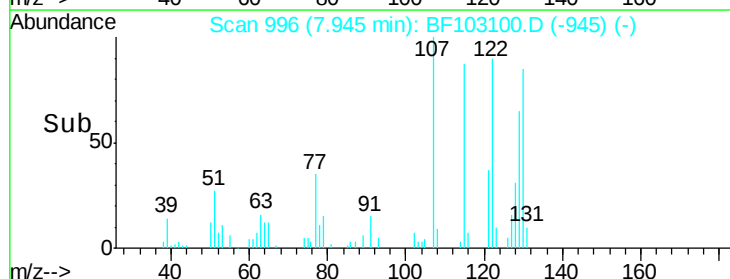
77 41.7 70.7 110.7#

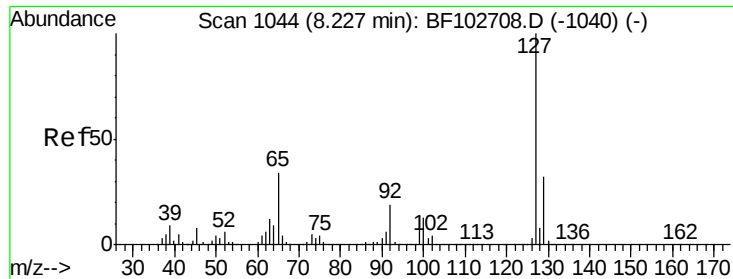


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

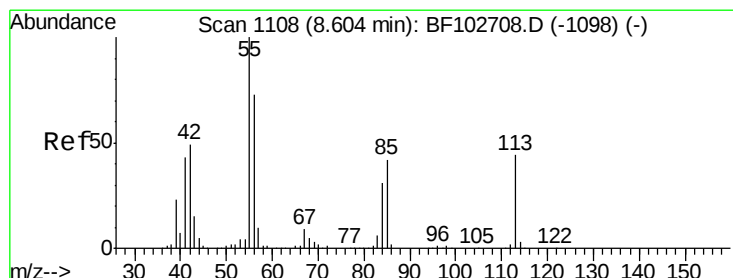
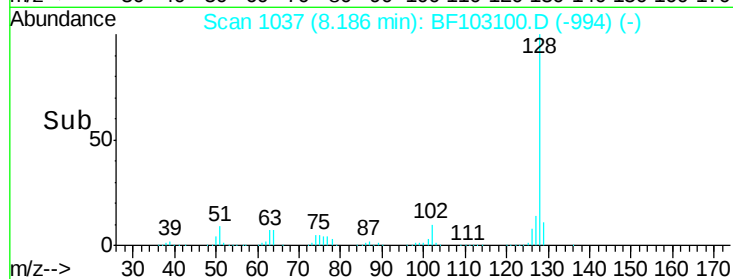
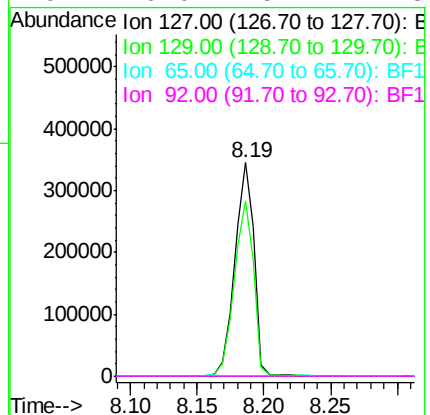
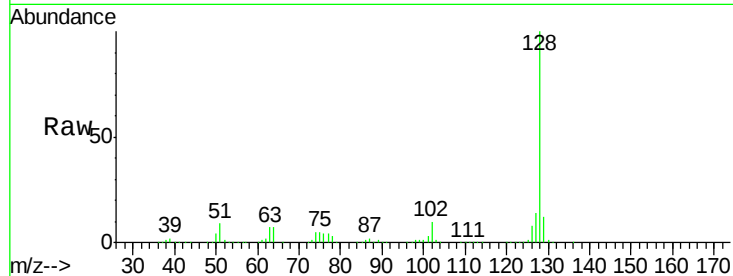




#33
4-Chloroaniline
Concen: 26.26 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

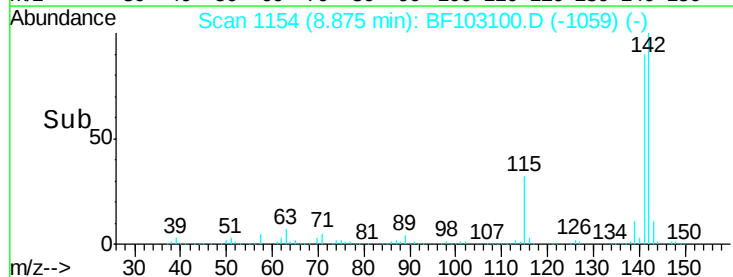
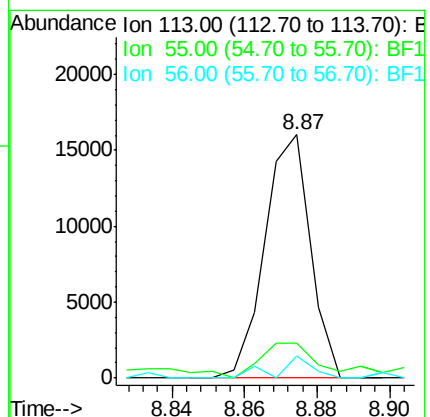
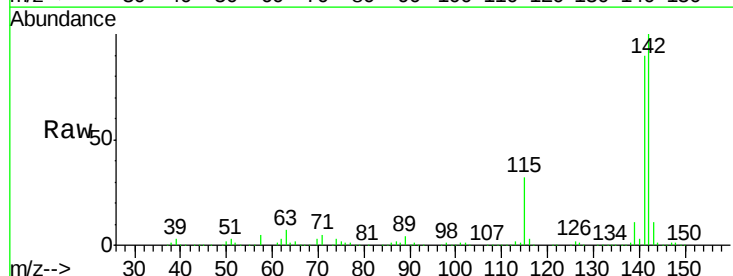
Instrument :
BNA_F
ClientSampled :

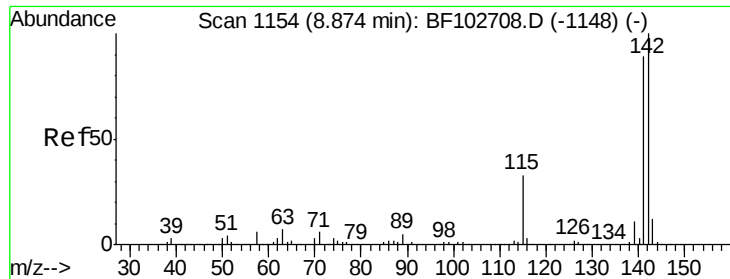
Tot Ion:	127	Resp:	350356
Ion	Ratio	Lower	Upper
127	100		
129	82.1	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#35
Caprolactam
Concen: 5.01 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.26 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

Tgt Ion:	113	Resp:	14071
Ion	Ratio	Lower	Upper
113	100		
55	14.1	163.3	203.3#
56	9.4	115.7	155.7#

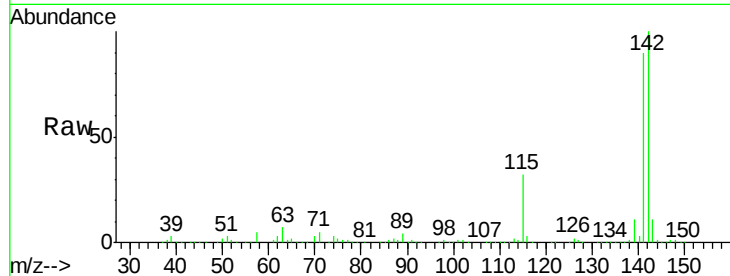




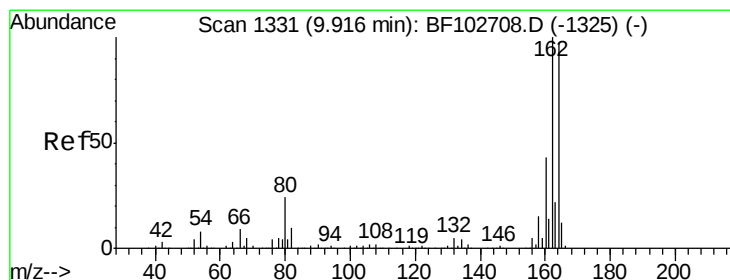
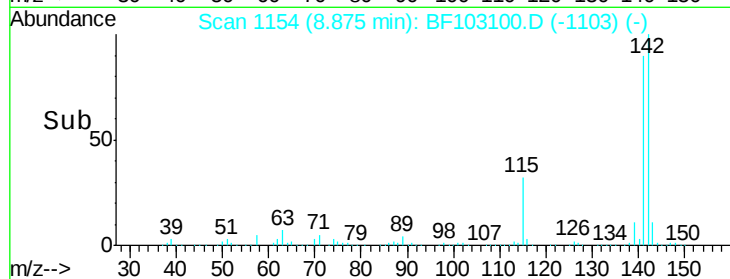
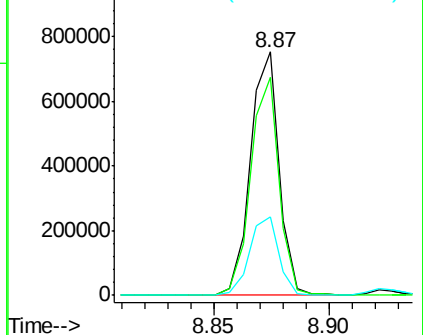
#37
2-Methylnaphthalene
Concen: 32.39 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	32.1	26.1	39.1

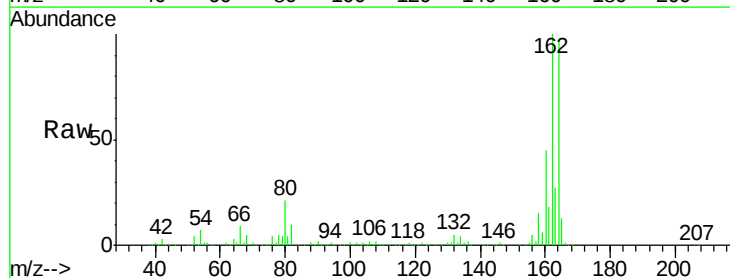


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

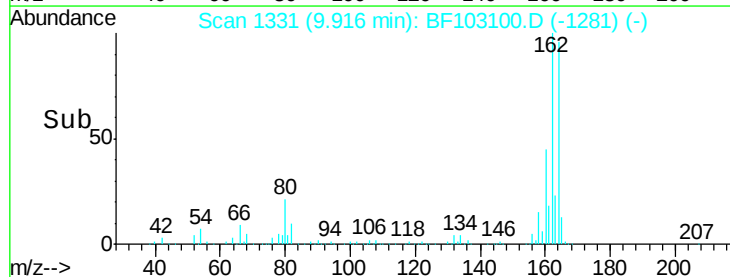
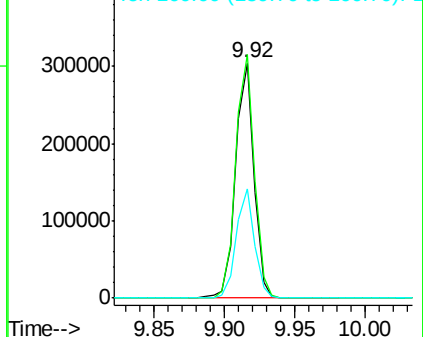


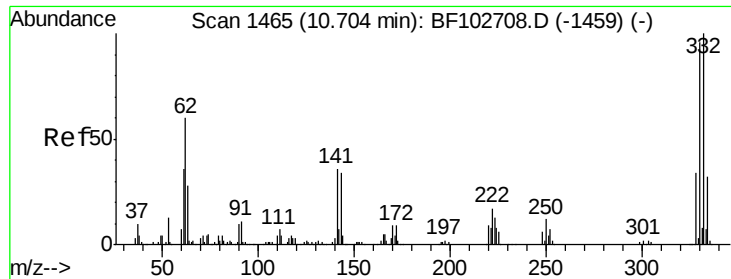
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	46.5	38.3	57.5



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

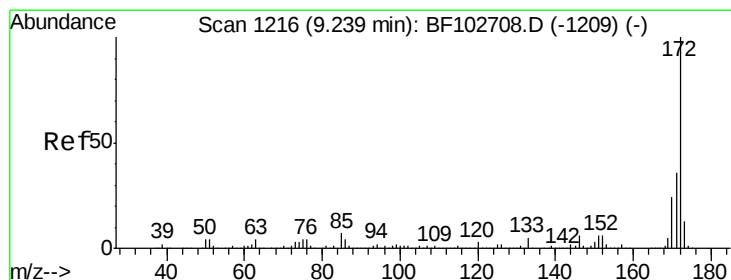
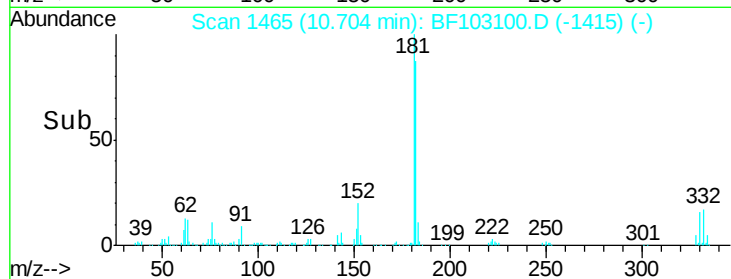
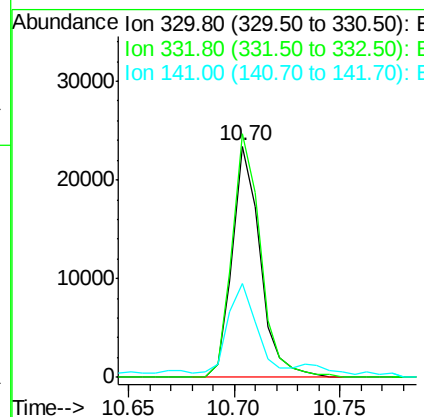
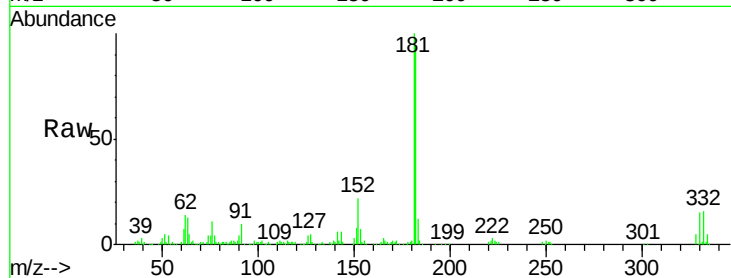




#41
 2,4,6-Tribromophenol
 Concen: 9.67 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103100.D
 Acq: 20 Feb 2018 00:02

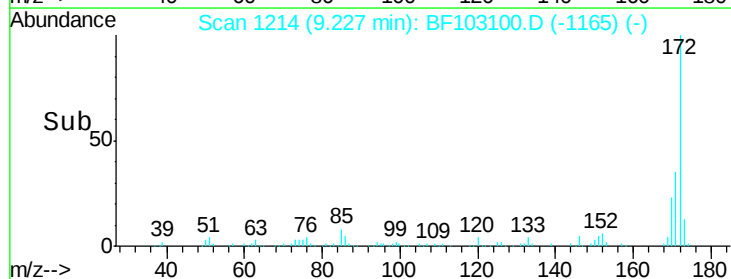
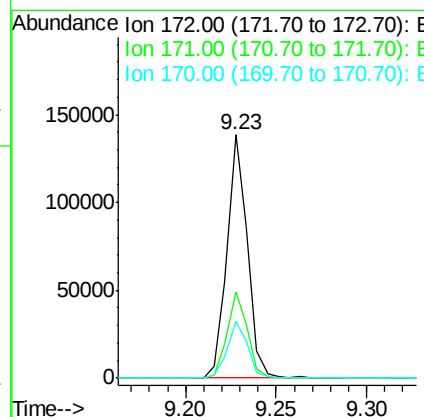
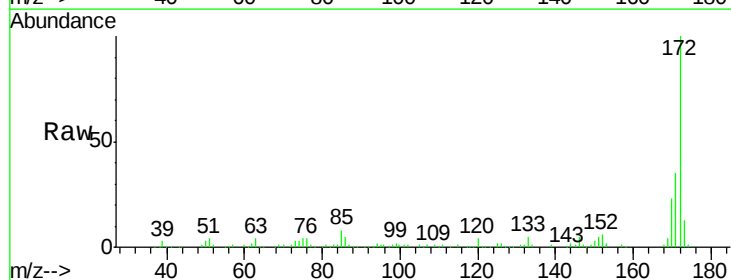
Instrument :
 BNA_F
 ClientSampleId :

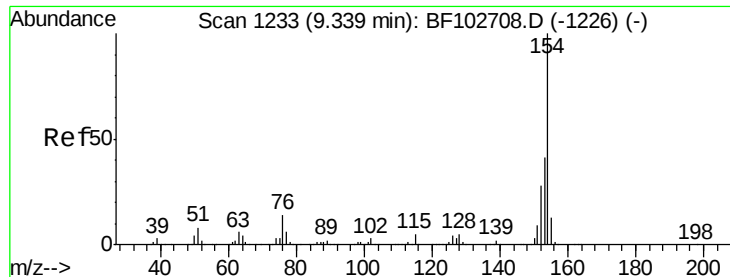
Tot Ion	Ratio	Lower	Upper
330	100		
332	107.2	77.0	115.6
141	40.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 6.51 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103100.D
 Acq: 20 Feb 2018 00:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.2	19.6	29.4

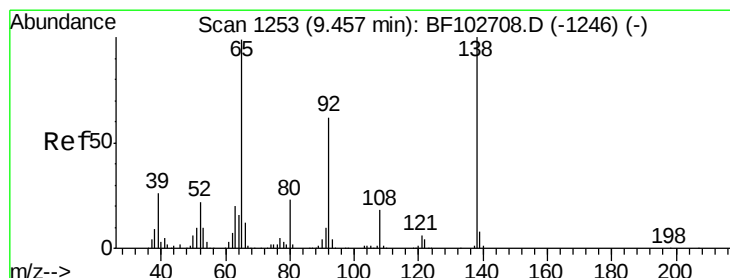
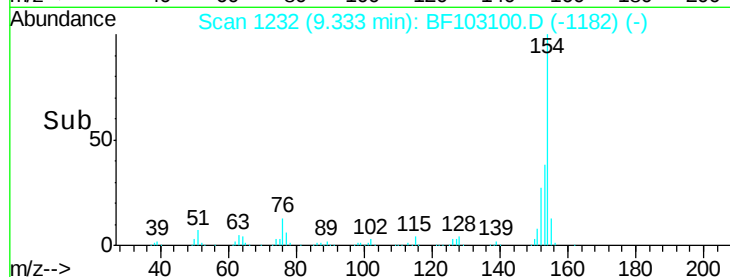
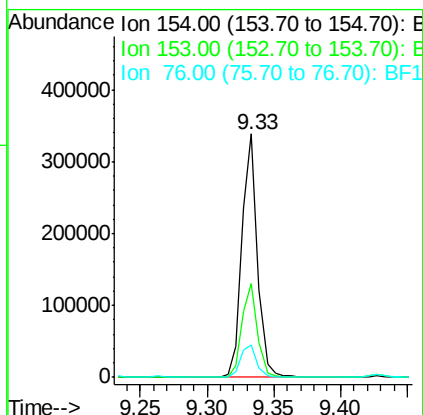
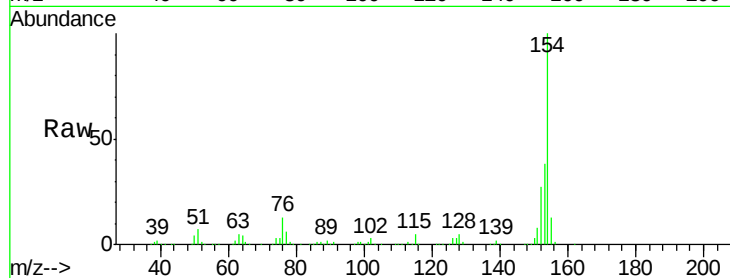




#45
 1,1'-Biphenyl
 Concen: 11.80 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF103100.D
 Acq: 20 Feb 2018 00:02

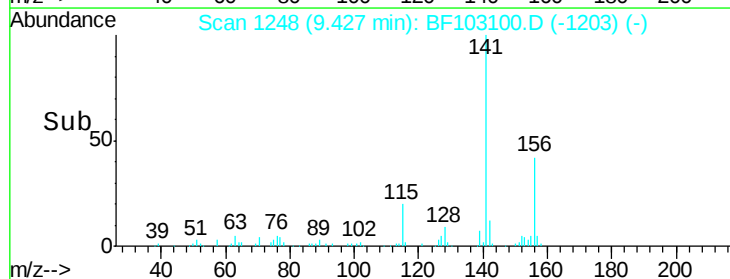
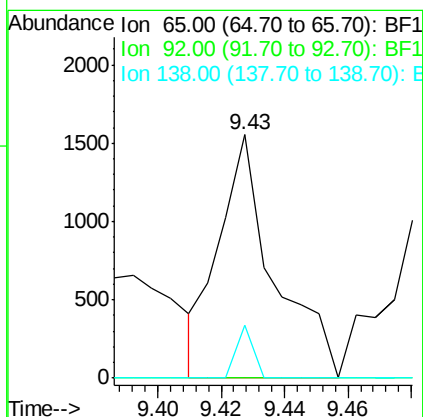
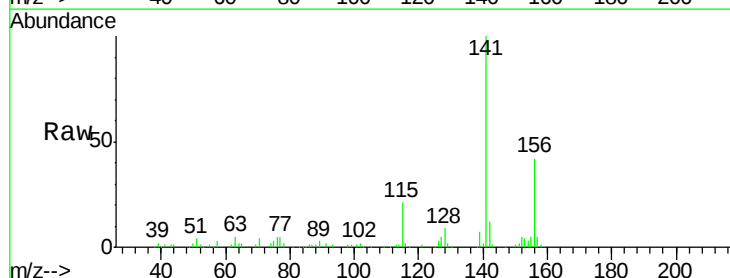
Instrument :
 BNA_F
 ClientSampleId :

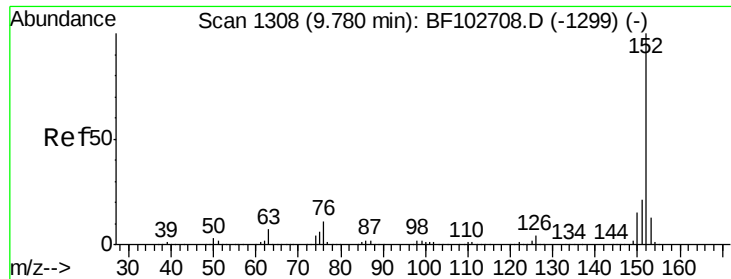
Tot Ion	Ratio	Lower	Upper
154	100		
153	38.5	21.3	61.3
76	13.4	0.0	34.0



#47
 2-Nitroaniline
 Concen: 3.78 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.04 min
 Lab File: BF103100.D
 Acq: 20 Feb 2018 00:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	21.9	91.2	136.8#





#48

Acenaphthylene

Concen: 15.28 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF103100.D

Acq: 20 Feb 2018 00:02

Instrument :

BNA_F

ClientSampleId :

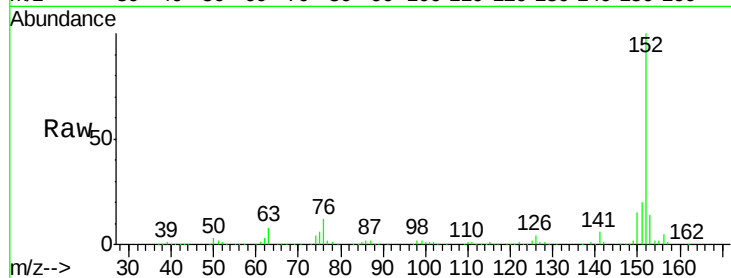
Tot Ion:152 Resp: 434058

Ion Ratio Lower Upper

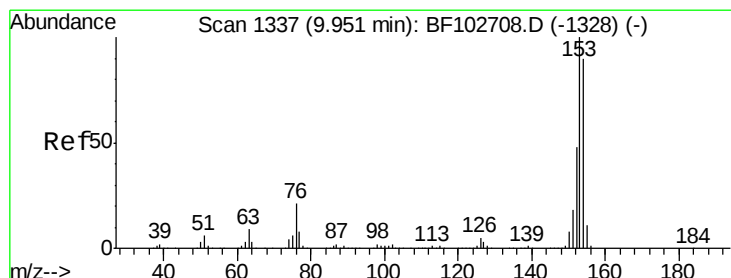
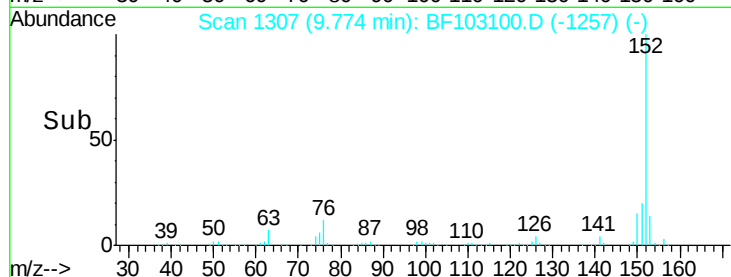
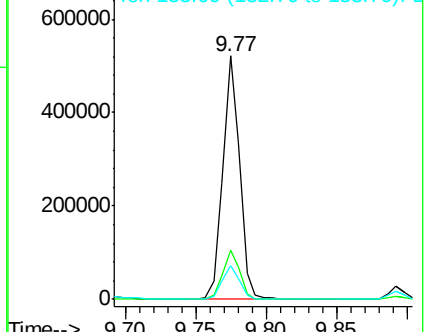
152 100

151 20.2 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



#51

Acenaphthene

Concen: 58.42 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103100.D

Acq: 20 Feb 2018 00:02

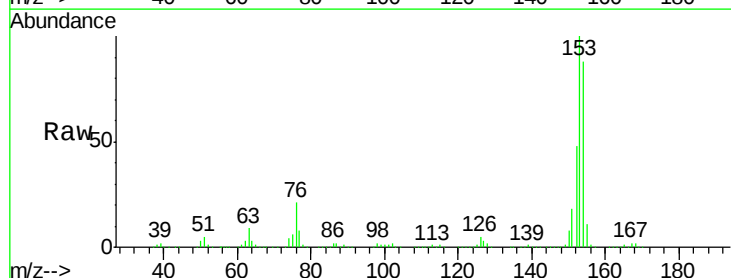
Tgt Ion:154 Resp: 992305

Ion Ratio Lower Upper

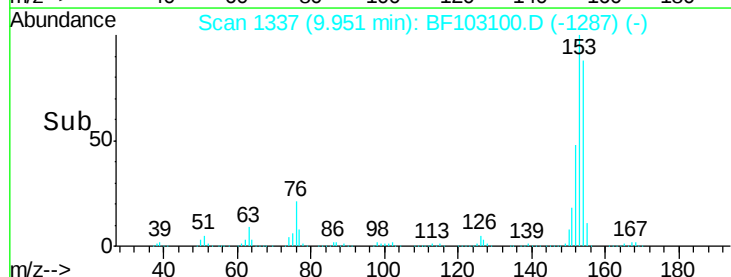
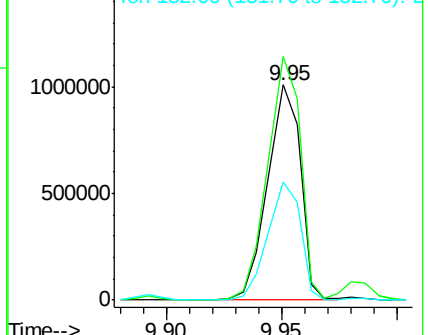
154 100

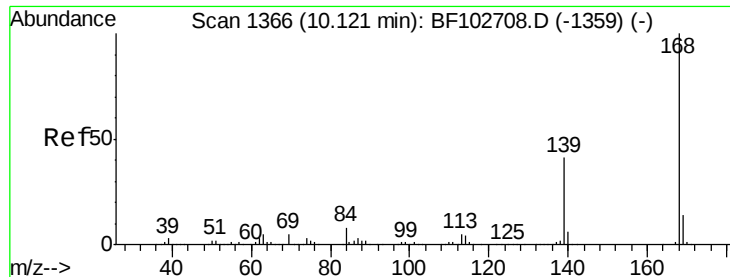
153 113.3 91.2 136.8

152 54.8 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

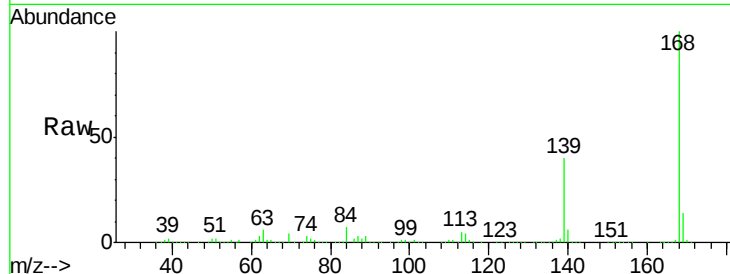




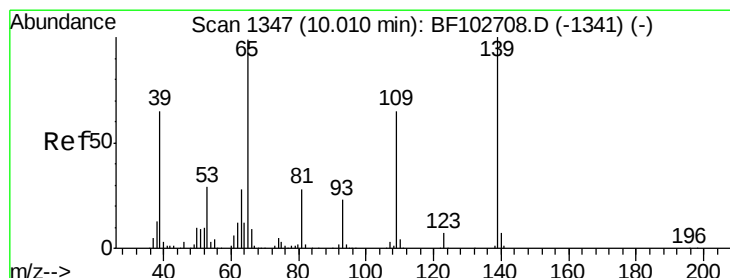
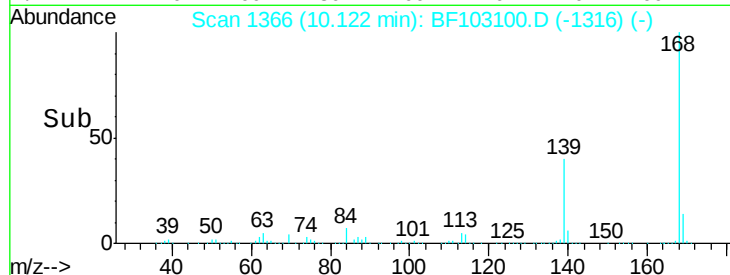
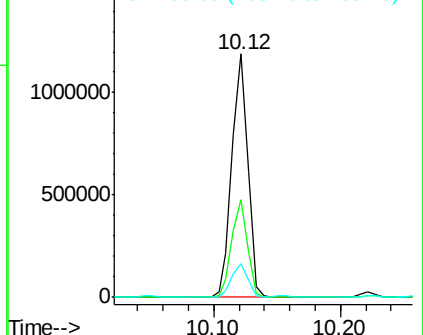
#54
Dibenzenofuran
Concen: 43.05 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1030517
Ion Ratio Lower Upper
168 100
139 39.9 30.1 45.1
169 14.0 10.9 16.3

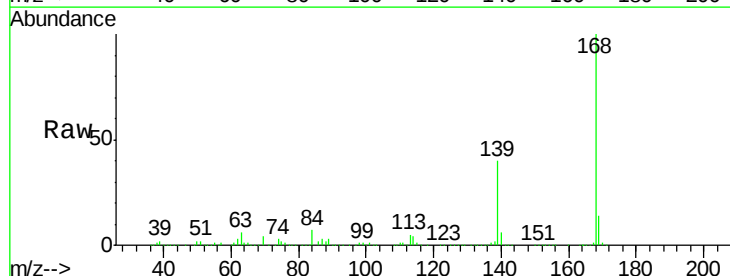


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

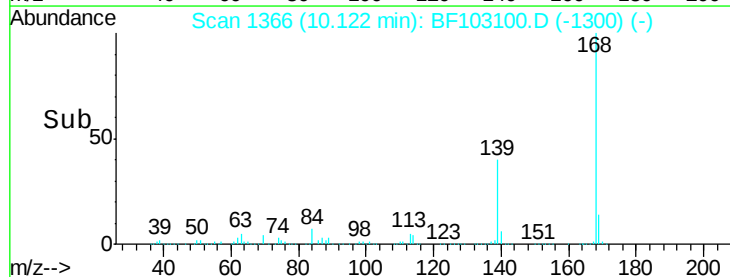
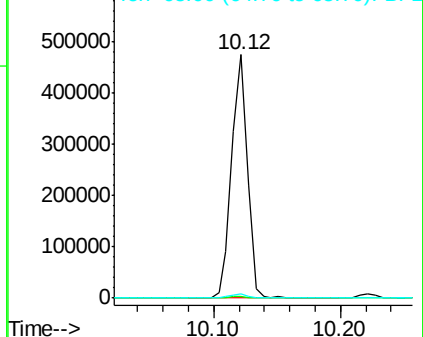


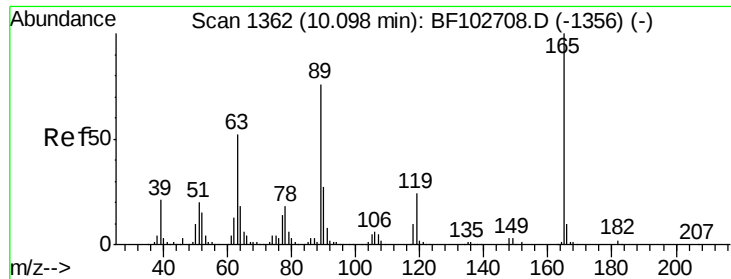
#55
4-Nitrophenol
Concen: 97.62 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

Tgt Ion:139 Resp: 407655
Ion Ratio Lower Upper
139 100
109 0.8 48.4 88.4#
65 1.6 72.6 112.6#



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

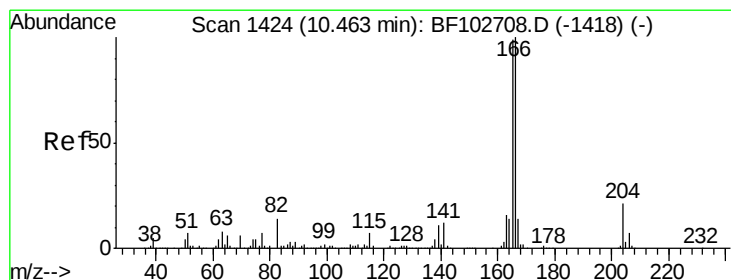
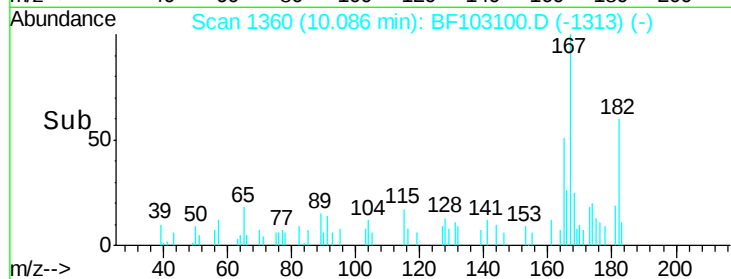
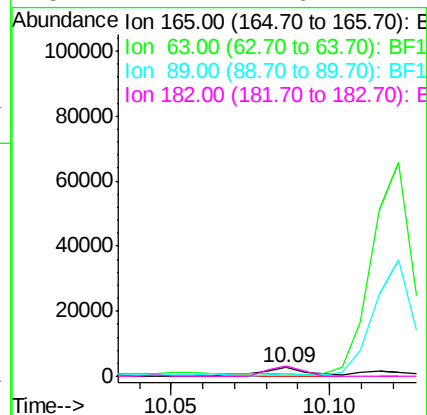
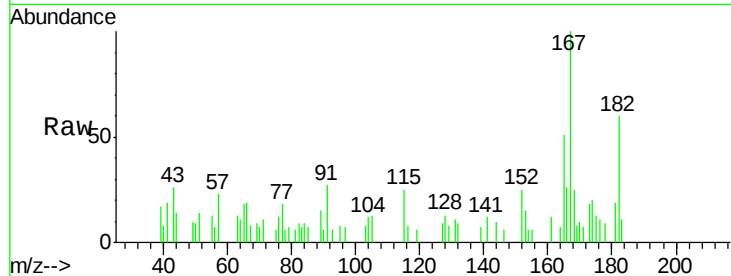




#56
2,4-Dinitrotoluene
Concen: 3.59 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

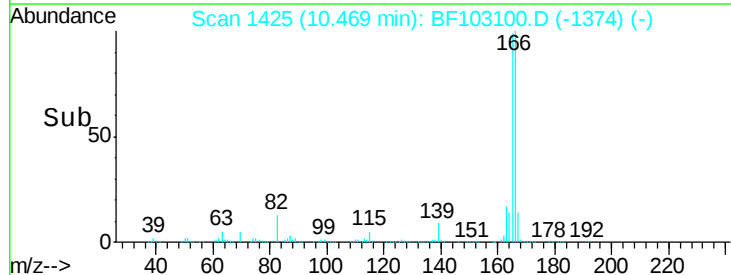
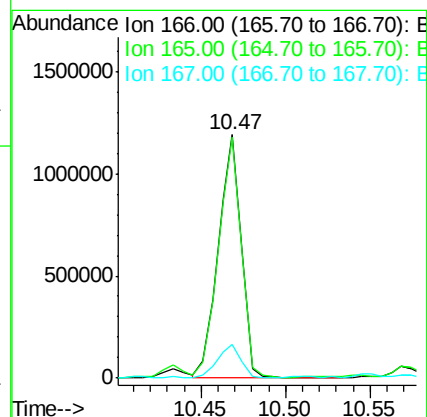
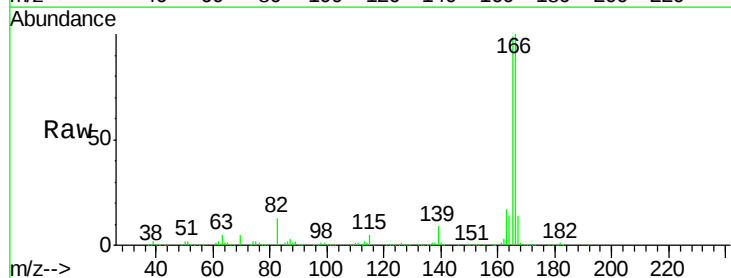
Instrument :
BNA_F
ClientSampleId :

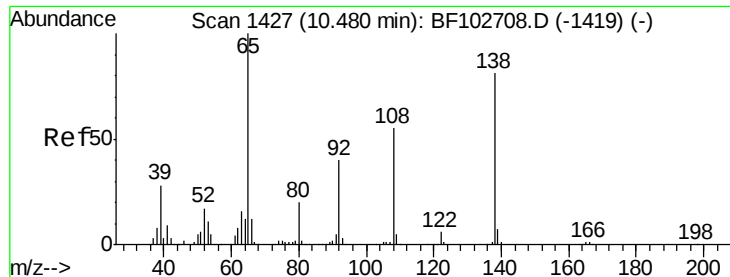
Tot Ion:165 Resp: 2991
Ion Ratio Lower Upper
165 100
63 25.6 36.4 54.6#
89 29.1 57.8 86.6#
182 117.4 1.6 2.4#



#57
Fluorene
Concen: 64.94 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

Tgt Ion:166 Resp: 1130869
Ion Ratio Lower Upper
166 100
165 98.8 79.8 119.8
167 13.9 10.6 16.0

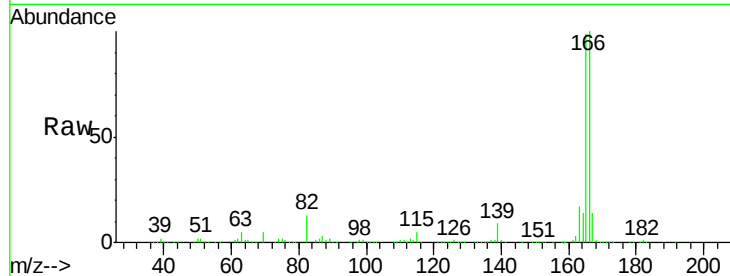




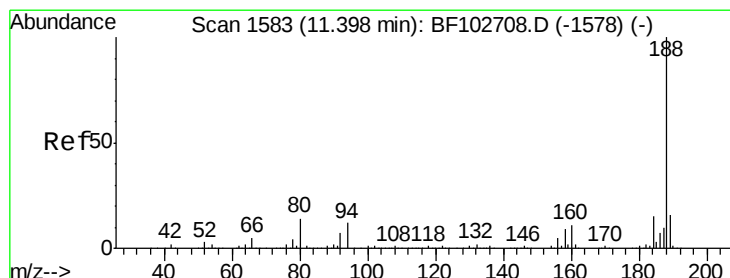
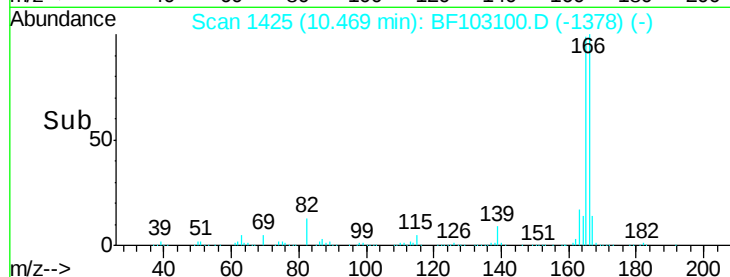
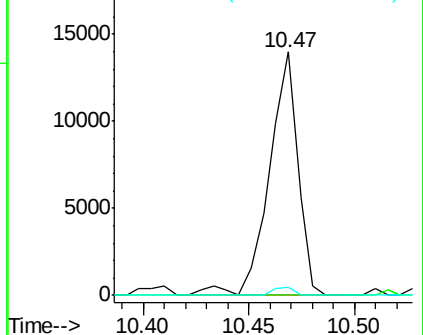
#61
4-Nitroaniline
Concen: 2.76 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 13244
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 3.5 52.5 92.5#

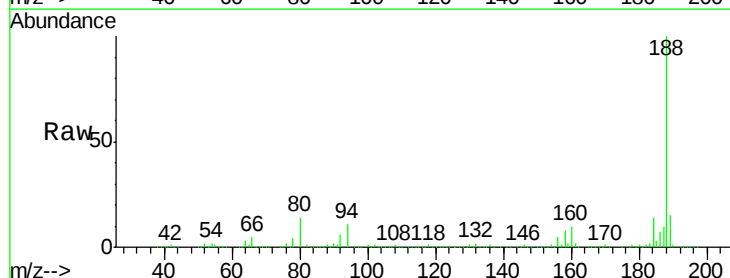


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

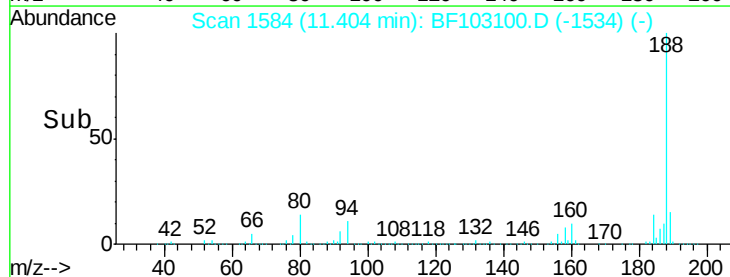
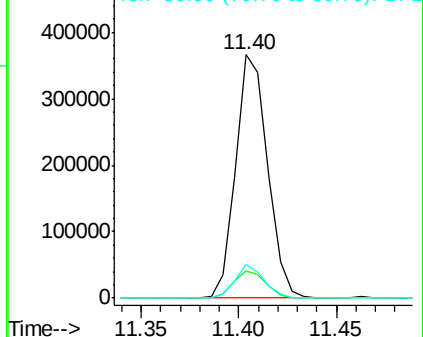


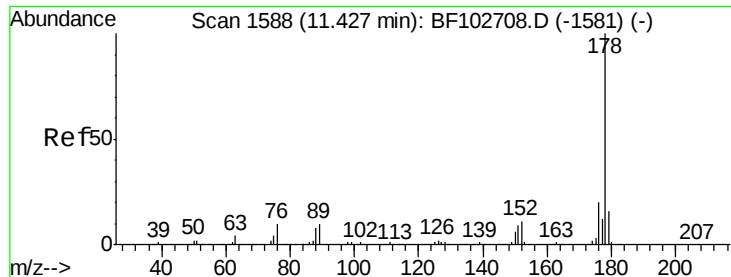
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

Tgt Ion:188 Resp: 414624
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 13.6 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: 121.63 ng

RT: 11.44 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF103100.D

Acq: 20 Feb 2018 00:02

Instrument :

BNA_F

ClientSampleId :

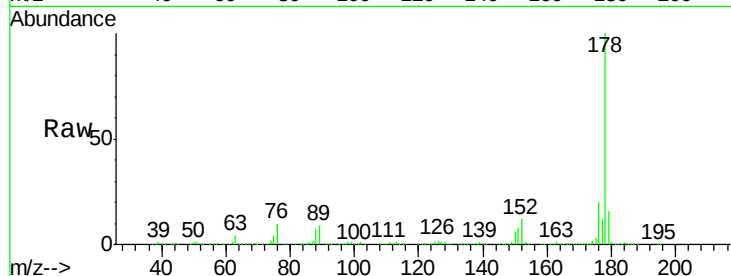
Tot Ion:178 Resp: 2808575

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

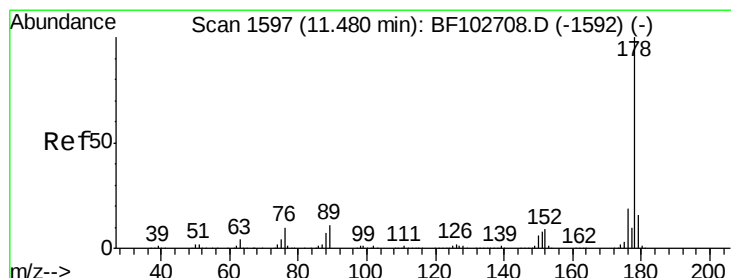
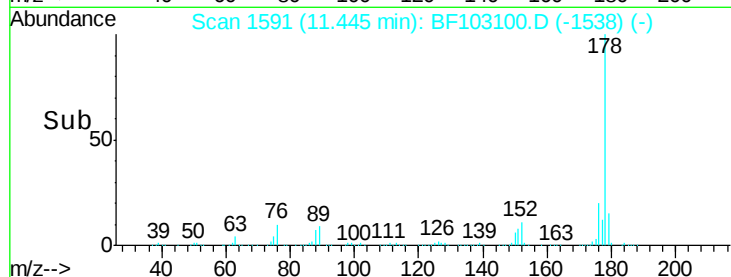
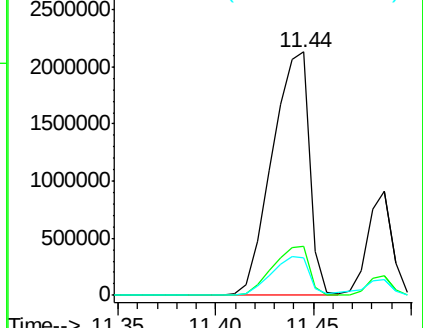
179 15.6 13.0 19.6



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: 32.45 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF103100.D

Acq: 20 Feb 2018 00:02

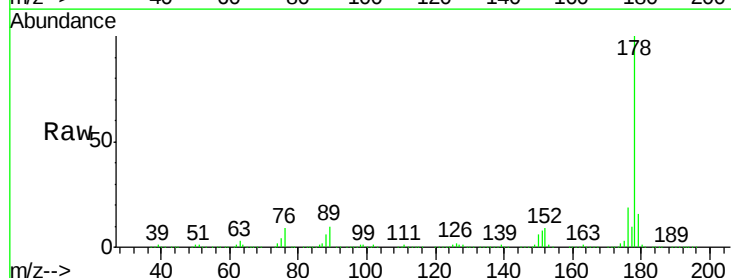
Tgt Ion:178 Resp: 762180

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

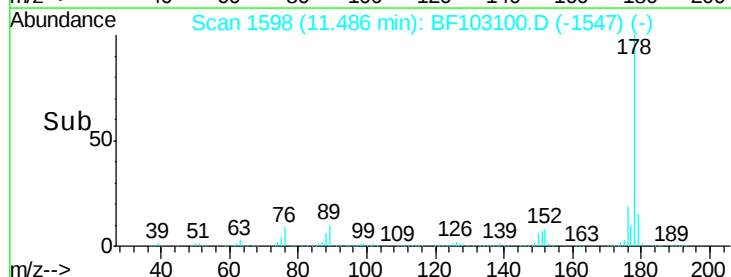
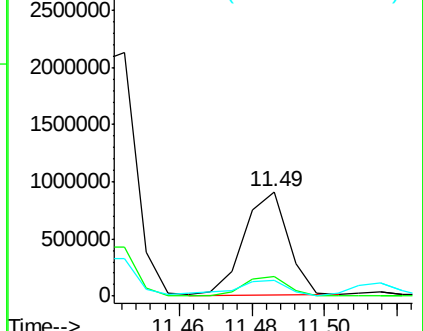
179 15.7 12.6 19.0

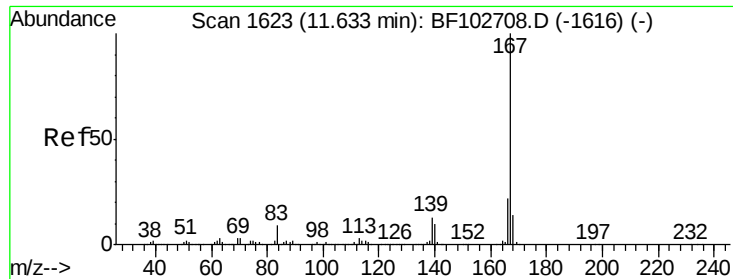


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 21.62 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF103100.D

Acq: 20 Feb 2018 00:02

Instrument :

BNA_F

ClientSampleId :

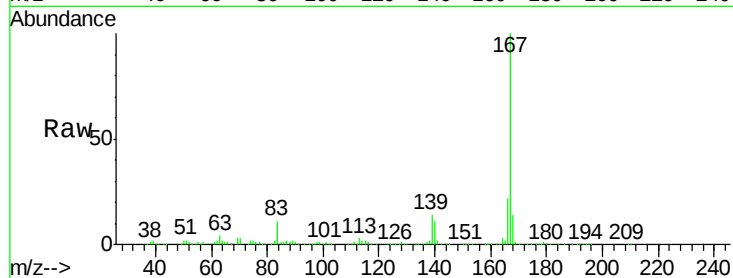
Tot Ion:167 Resp: 497413

Ion Ratio Lower Upper

167 100

166 21.5 17.6 26.4

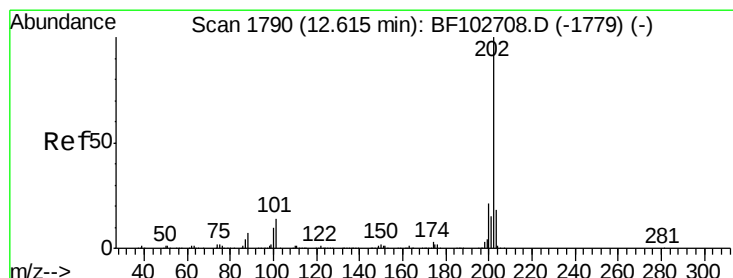
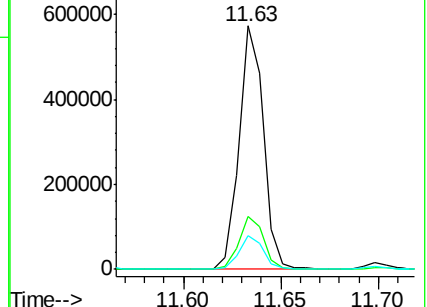
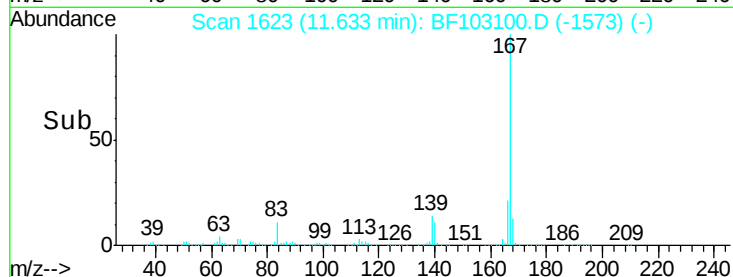
139 13.9 10.9 16.3



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



#74

Fluoranthene

Concen: 83.29 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF103100.D

Acq: 20 Feb 2018 00:02

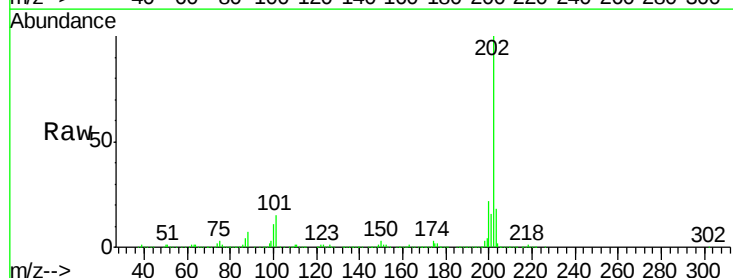
Tgt Ion:202 Resp: 1935167

Ion Ratio Lower Upper

202 100

101 15.4 0.0 34.1

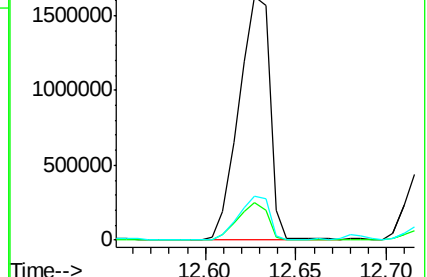
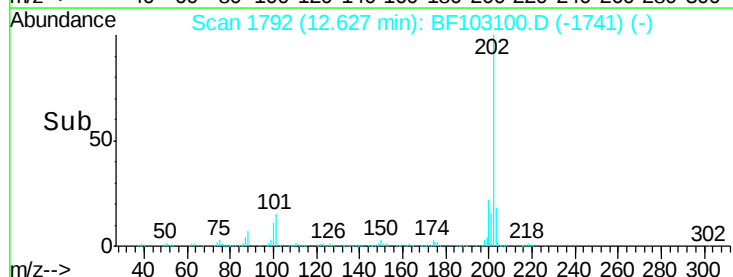
203 18.0 0.0 38.1

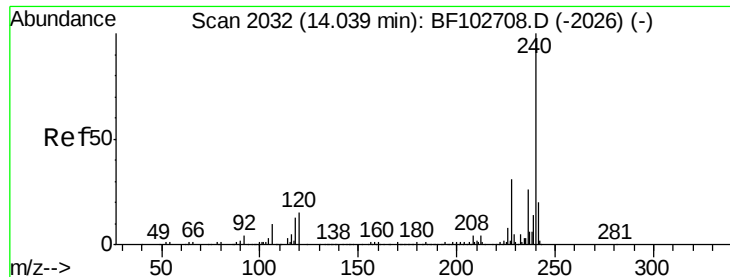


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103100.D

Acq: 20 Feb 2018 00:02

Instrument :

BNA_F

ClientSampleId :

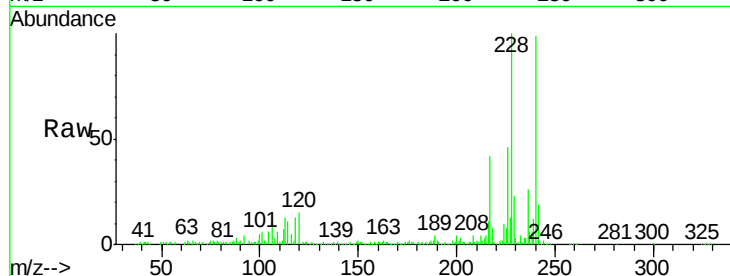
Tot Ion:240 Resp: 249237

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

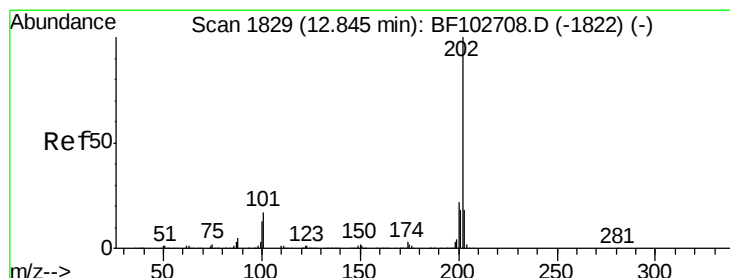
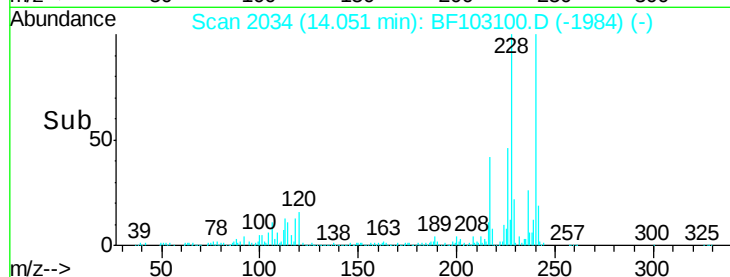
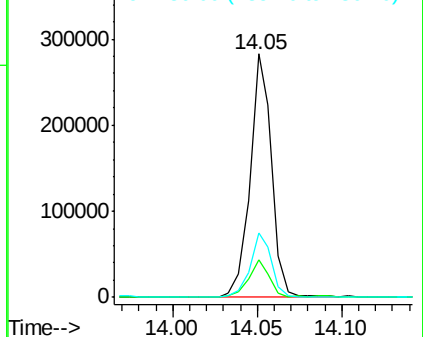
236 26.4 20.7 31.1



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: 80.16 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103100.D

Acq: 20 Feb 2018 00:02

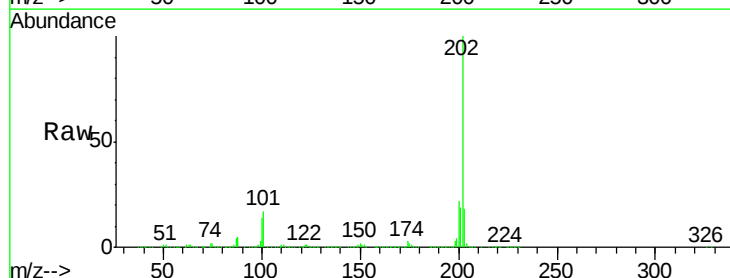
Tgt Ion:202 Resp: 1566591

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

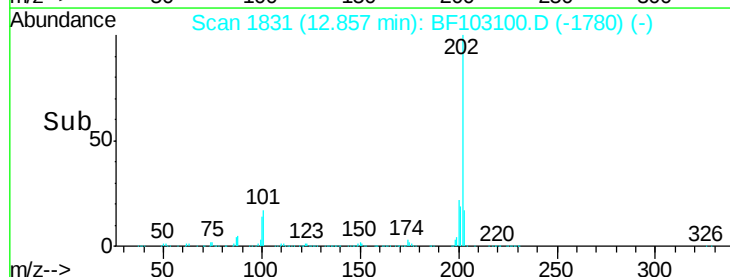
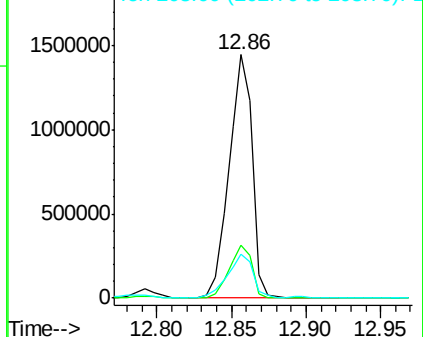
203 18.2 14.3 21.5

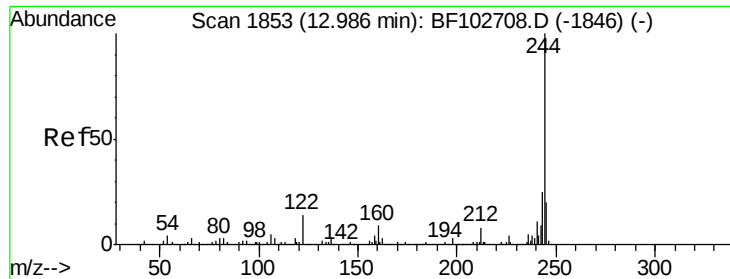


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 6.29 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103100.D

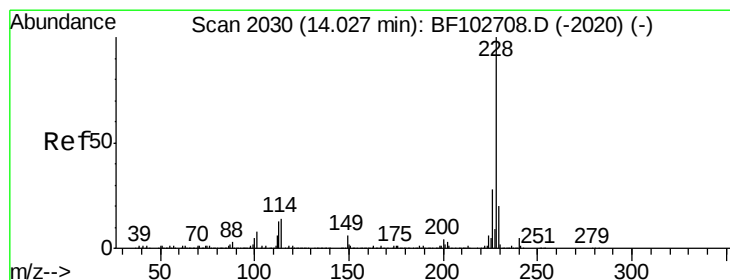
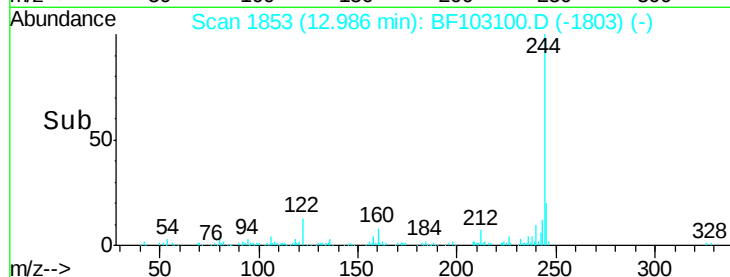
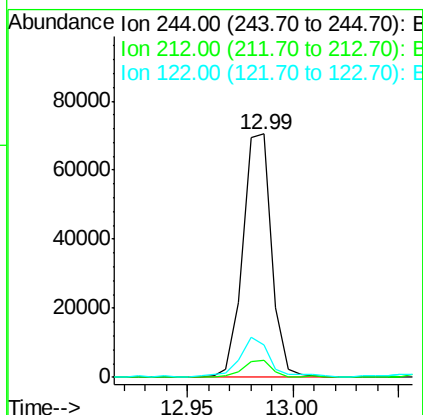
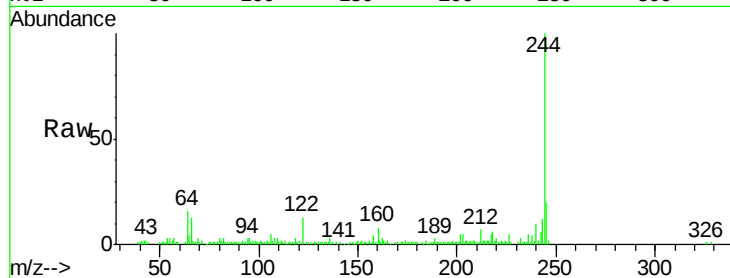
Acq: 20 Feb 2018 00:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:244	Resp:	66247
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.4 8.0
122	13.4	11.0 16.4



#80

Benzo(a)anthracene

Concen: 38.44 ng

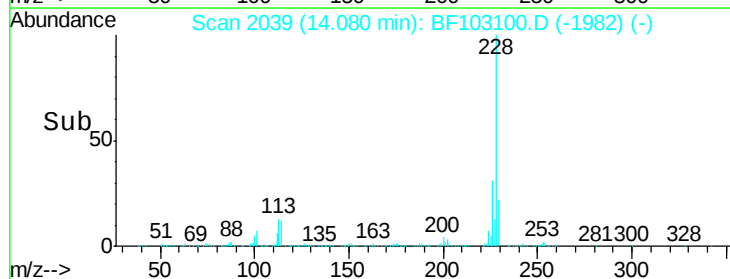
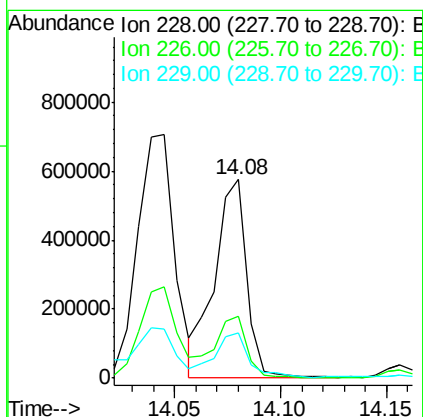
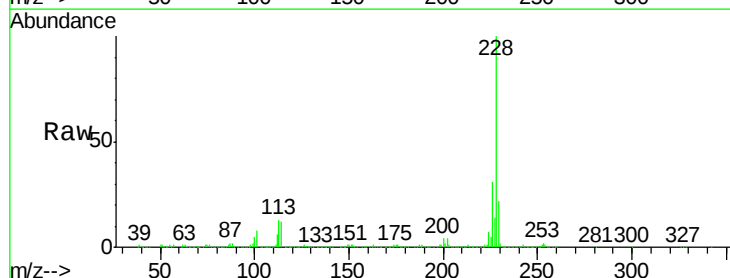
RT: 14.08 min Scan# 2039

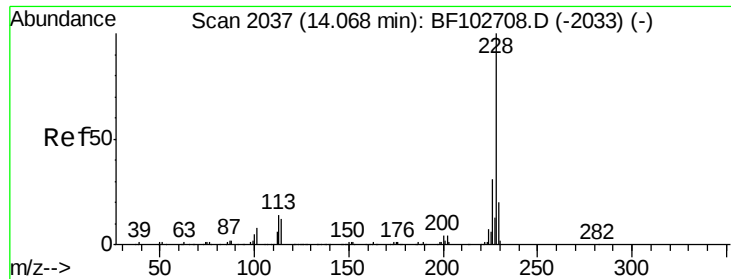
Delta R.T. 0.04 min

Lab File: BF103100.D

Acq: 20 Feb 2018 00:02

Tgt Ion:228	Resp:	602487
Ion Ratio	Lower	Upper
228	100	
226	30.9	22.6 33.8
229	22.5	15.8 23.6





#82

Chrysene

Concen: 38.13 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF103100.D

Acq: 20 Feb 2018 00:02

Instrument :

BNA_F

ClientSampleId :

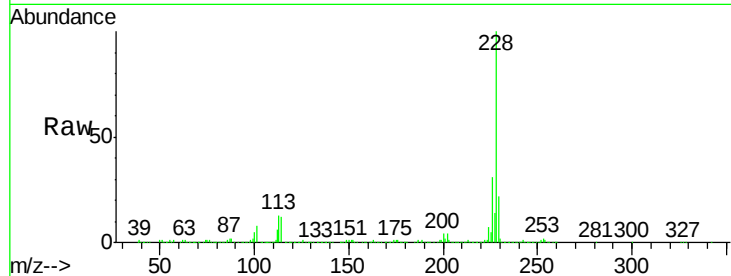
Tot Ion:228 Resp: 602487

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

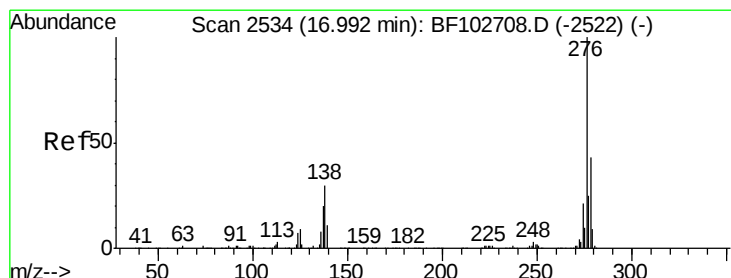
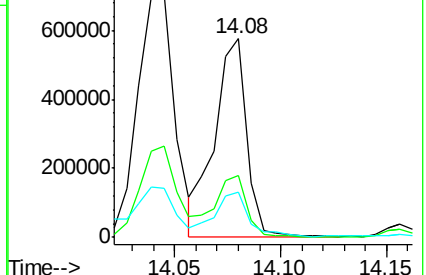
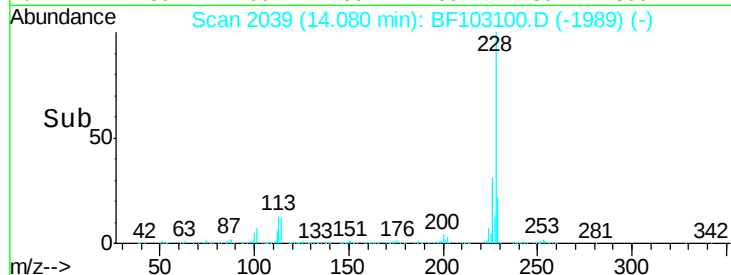
229 22.5 16.2 24.4



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: 21.85 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.01 min

Lab File: BF103100.D

Acq: 20 Feb 2018 00:02

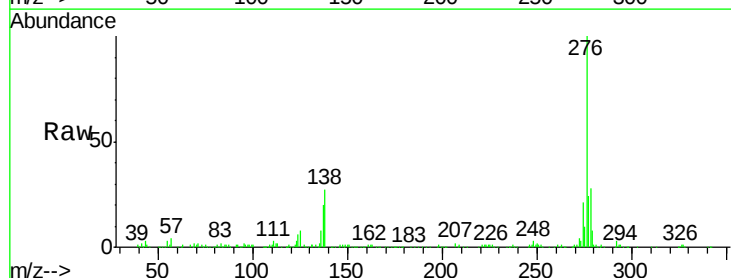
Tgt Ion:276 Resp: 286337

Ion Ratio Lower Upper

276 100

138 26.8 25.0 37.6

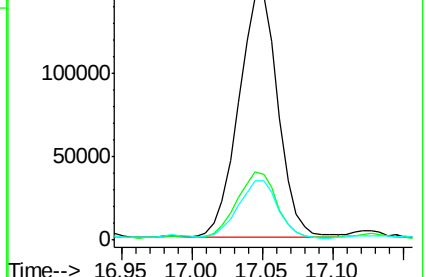
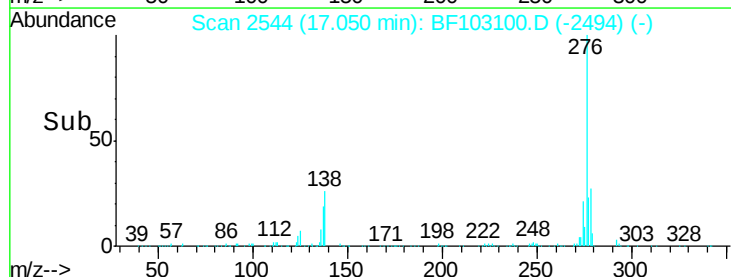
277 23.8 20.1 30.1

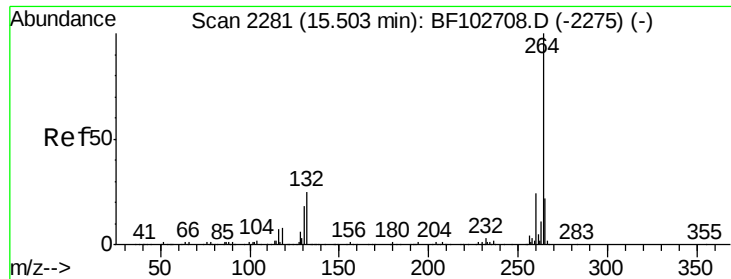


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

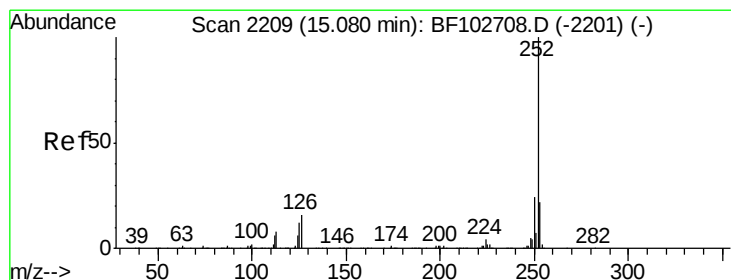
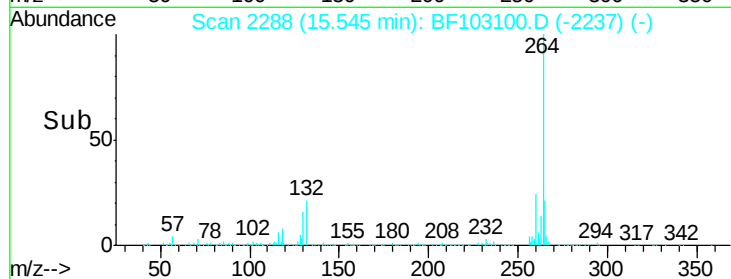
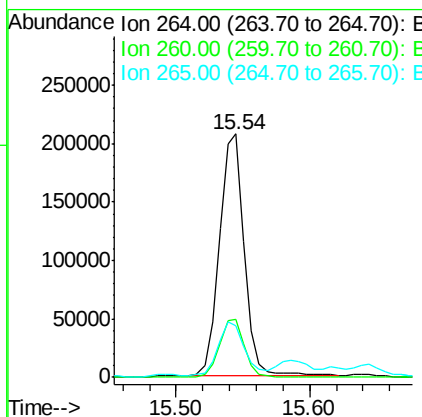
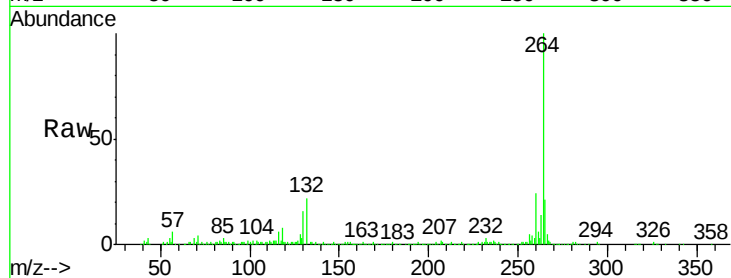




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

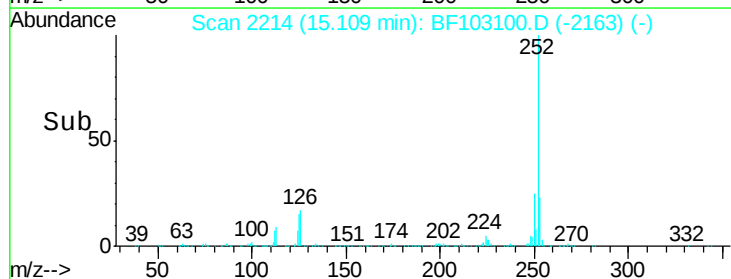
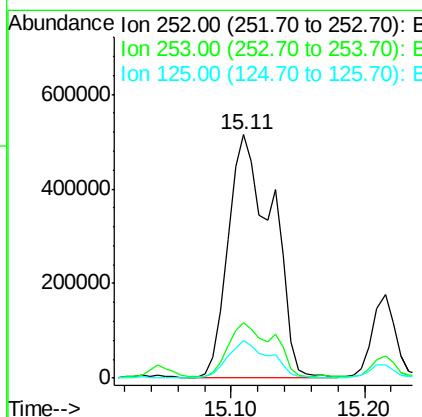
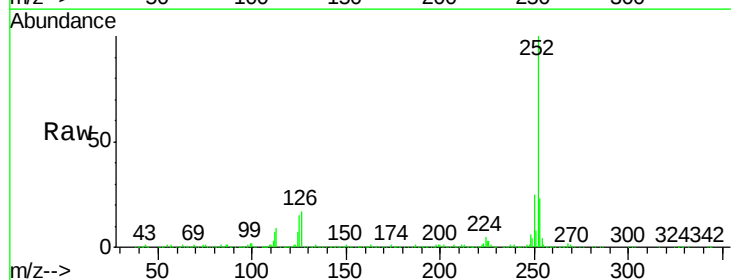
Instrument :
BNA_F
ClientSampleId :

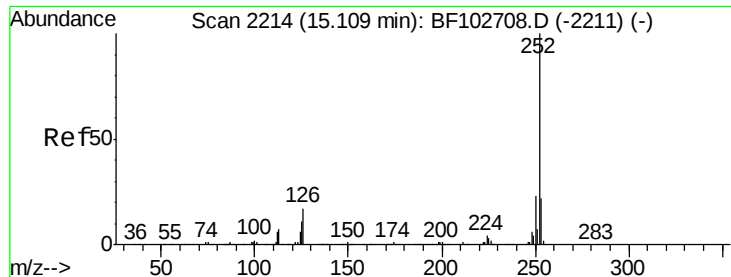
Tot Ion:264 Resp: 273738
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.3 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 66.36 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

Tgt Ion:252 Resp: 1177691
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 15.4 9.0 13.6#

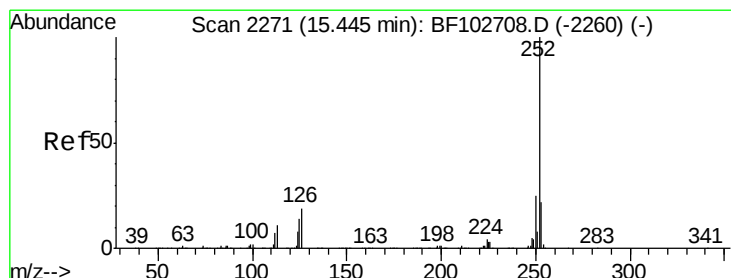
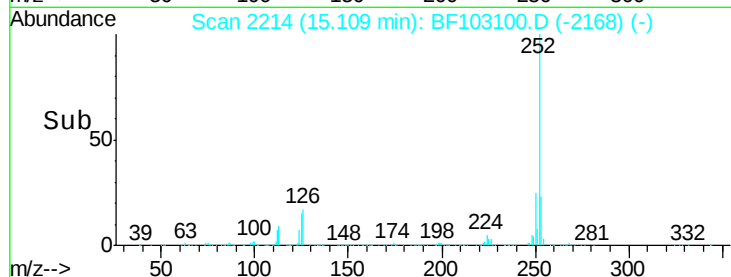
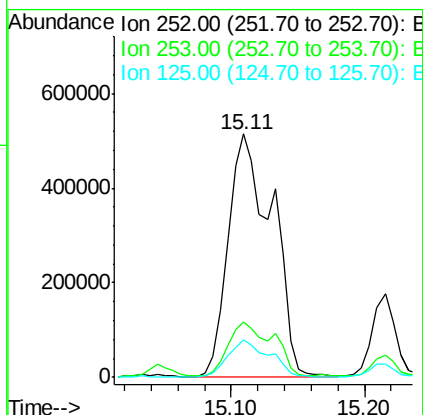
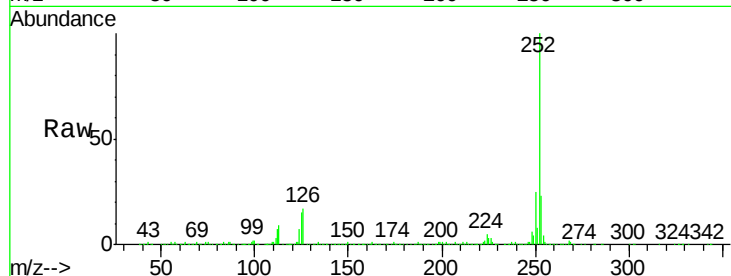




#88
Benzo(k)fluoranthene
Concen: 69.45 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

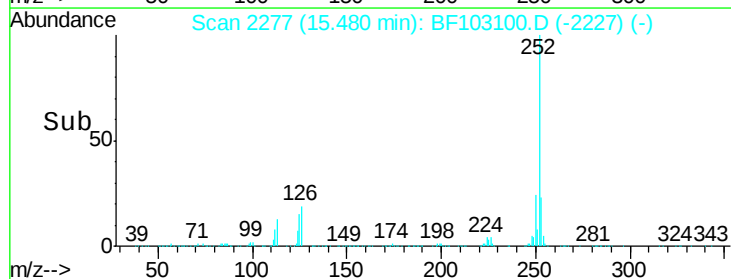
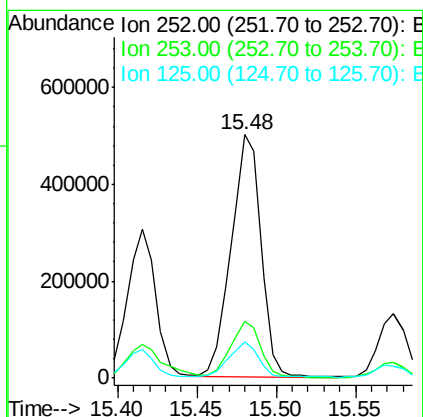
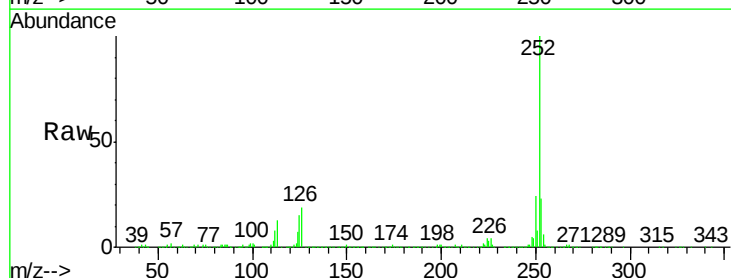
Instrument :
BNA_F
ClientSampleId :

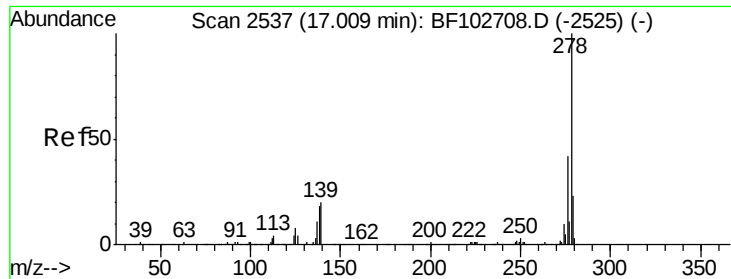
Tot Ion:252 Resp: 1177691
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 15.4 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 40.93 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

Tgt Ion:252 Resp: 653904
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 15.1 9.8 14.6#

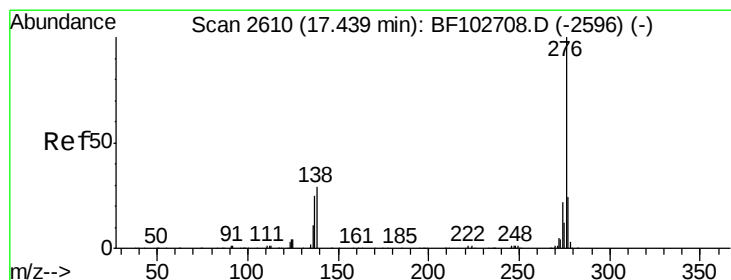
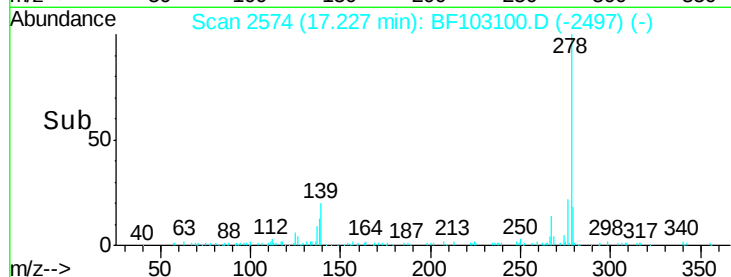
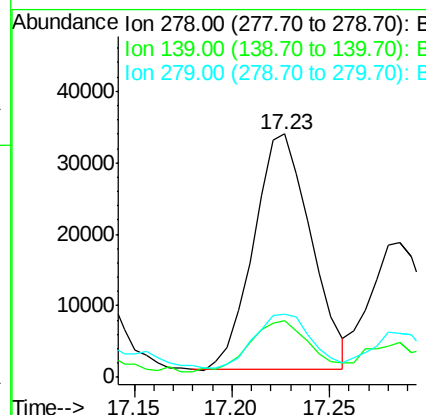
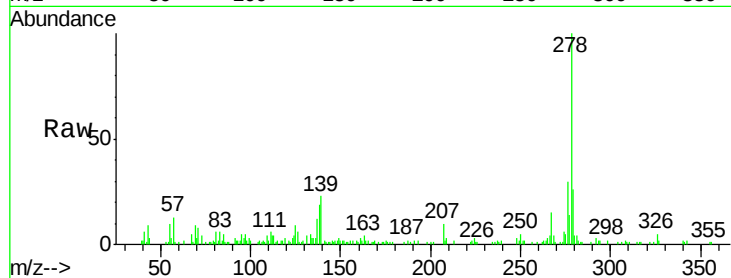




#90
Dibenzo(a,h)anthracene
Concen: 5.13 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.15 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.4	15.9	23.9
279	26.0	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 19.04 ng
RT: 17.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF103100.D
Acq: 20 Feb 2018 00:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	28.0	21.8	32.8

