

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102939.D
 Acq On : 13 Feb 2018 00:33
 Operator : SJ/JU
 Sample : J1522-02 50X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 13 02:23:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	160798	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	628425	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	246412	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	339391	20.00	ng	0.00
75) Chrysene-d12	14.05	240	284644	20.00	ng	0.00
86) Perylene-d12	15.54	264	265387	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	3868	0.37	ng	0.00
7) Phenol-d6	6.50	99	5581	0.44	ng	0.00
23) Nitrobenzene-d5	7.44	82	3379	0.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	430	0.22	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	6767	0.46	ng	0.00
78) Terphenyl-d14	12.99	244	4787	0.40	ng	0.00

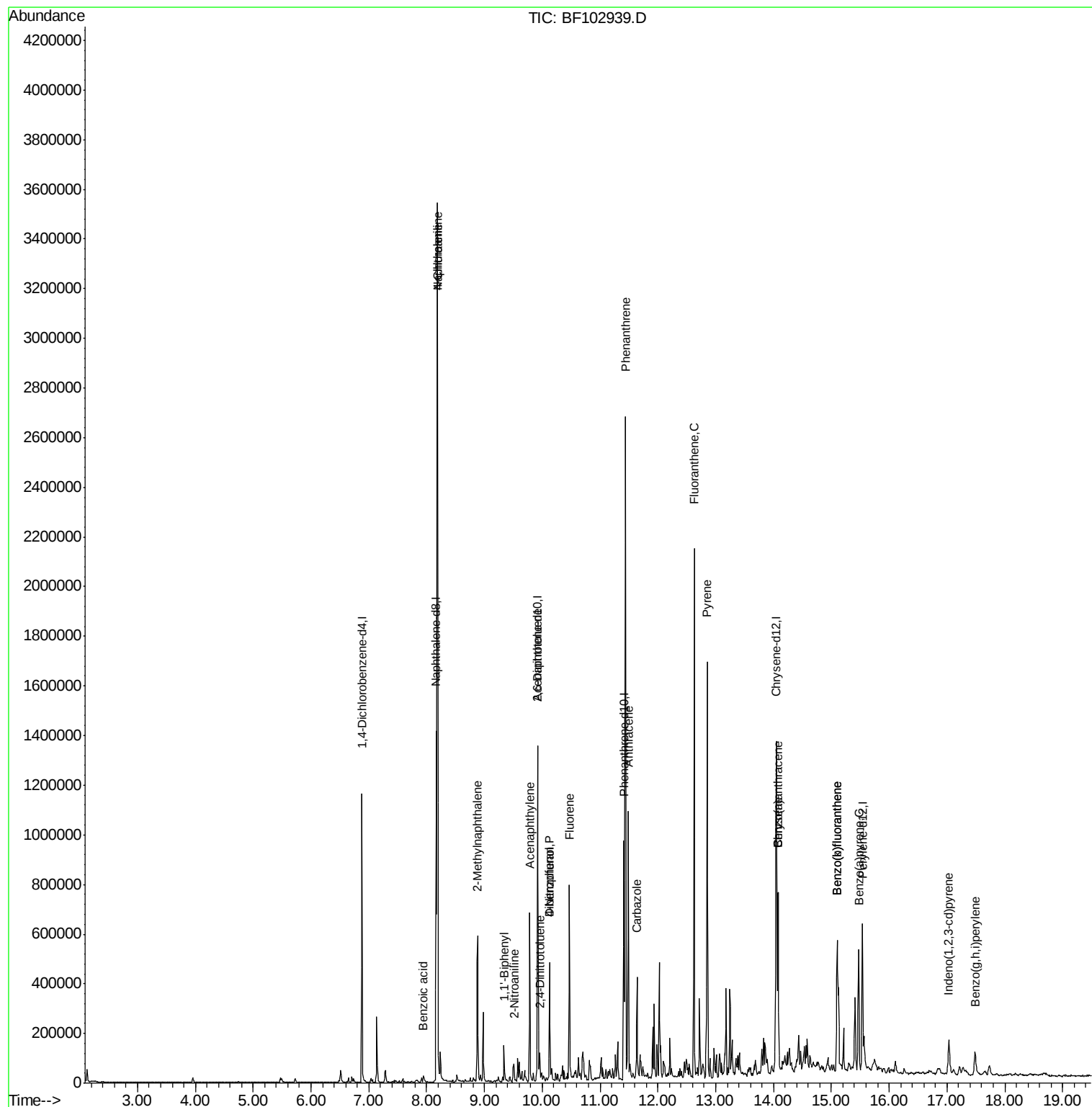
Target Compounds				Qvalue		
24) Nitrobenzene	7.53	77	309	Below Cal	#	38
31) Naphthalene	8.19	128	1553309	50.59	ng	99
32) Benzoic acid	7.95	122	4753	9.28	ng	21
33) 4-Chloroaniline	8.19	127	209625	15.85	ng	34
37) 2-Methylnaphthalene	8.88	142	161331	8.03	ng	100
45) 1,1'-Biphenyl	9.34	154	47353	2.28	ng	95
47) 2-Nitroaniline	9.50	65	312	3.53	ng	2
48) Acenaphthylene	9.78	152	277583	10.94	ng	99
50) 2,6-Dinitrotoluene	9.92	165	33850	9.26	ng	26
54) Dibenzofuran	10.13	168	182589	8.54	ng	98
55) 4-Nitrophenol	10.13	139	71614	22.42	ng	10
56) 2,4-Dinitrotoluene	9.96	165	1362	3.34	ng	30
57) Fluorene	10.47	166	218125	14.02	ng	100
70) Phenanthrene	11.44	178	944063	49.95	ng	99
71) Anthracene	11.49	178	374768	19.49	ng	99
72) Carbazole	11.64	167	145073	7.70	ng	97
74) Fluoranthene	12.63	202	754057	39.65	ng	99
77) Pyrene	12.86	202	607930	27.24	ng	99
80) Benzo(a)anthracene	14.08	228	276265	15.43	ng	97
82) Chrysene	14.08	228	276265	15.31	ng	97
85) Indeno(1,2,3-cd)pyrene	17.03	276	87880	5.87	ng	97
87) Benzo(b)fluoranthene	15.10	252	420025	24.41	ng	94
88) Benzo(k)fluoranthene	15.10	252	420025	25.55	ng	97
89) Benzo(a)pyrene	15.47	252	222465	14.36	ng	97
91) Benzo(g,h,i)perylene	17.49	276	78011	6.34	ng	98

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

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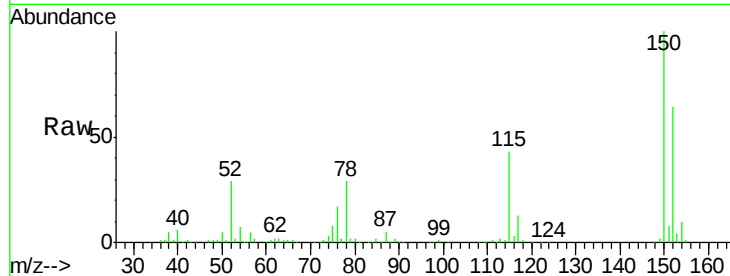


#1

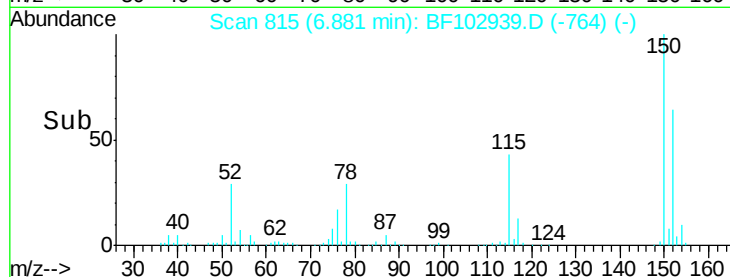
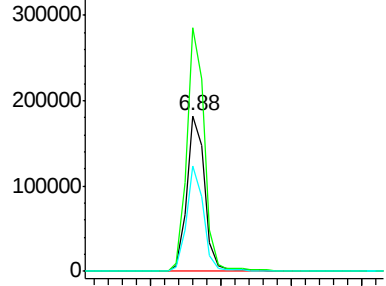
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102939.D
Acq: 13 Feb 2018 00:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160798
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 67.5 50.1 75.1



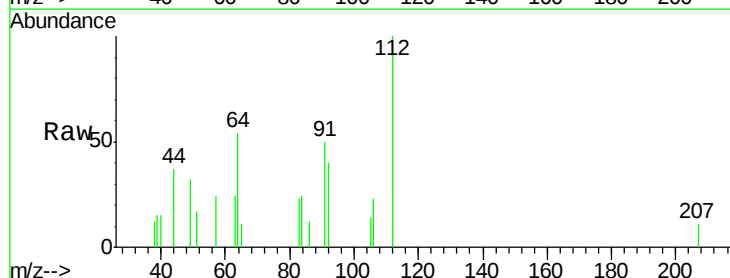
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



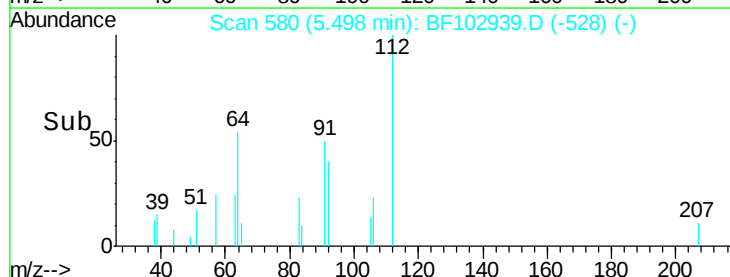
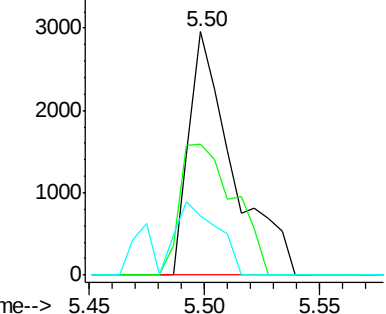
#5

2-Fluorophenol
Concen: 0.37 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102939.D
Acq: 13 Feb 2018 00:33

Tgt Ion:112 Resp: 3868
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 24.1 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: 0.44 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

Instrument :

BNA_F

ClientSampleId :

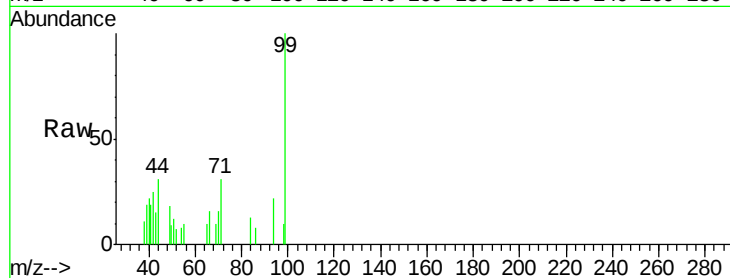
Tot Ion: 99 Resp: 5581

Ion Ratio Lower Upper

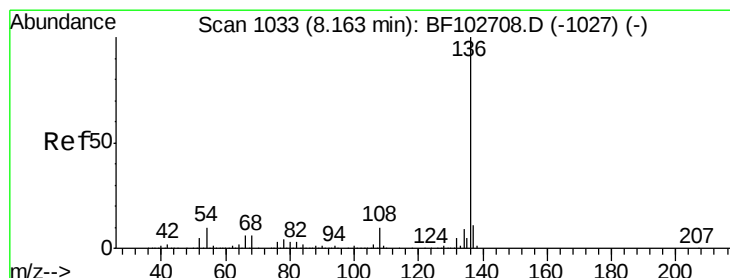
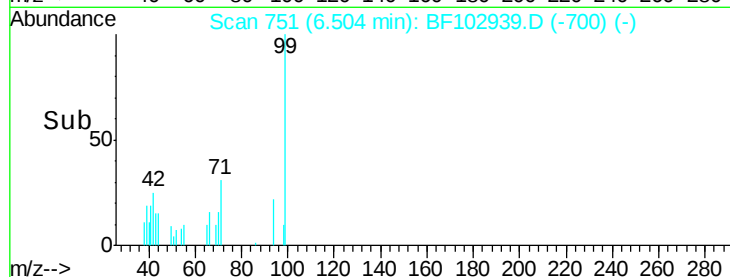
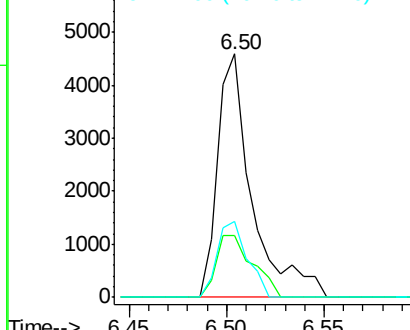
99 100

42 25.2 14.5 21.7#

71 31.4 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

Tgt Ion: 136 Resp: 628425

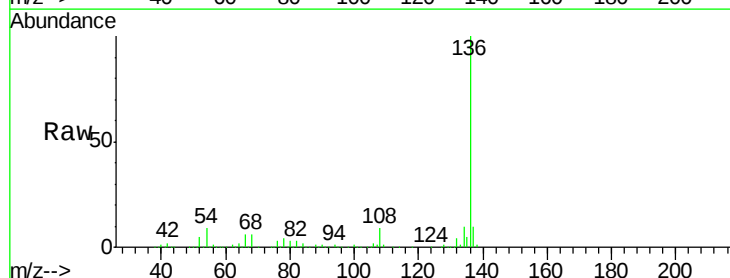
Ion Ratio Lower Upper

136 100

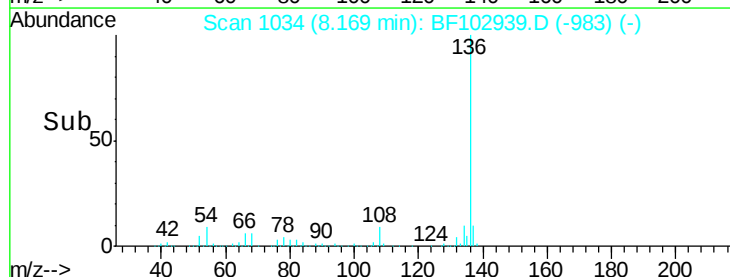
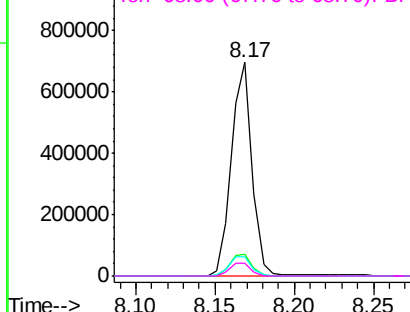
137 10.5 8.9 13.3

54 9.2 6.6 9.8

68 6.3 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

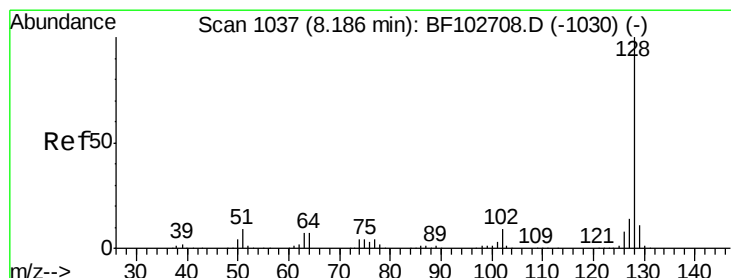
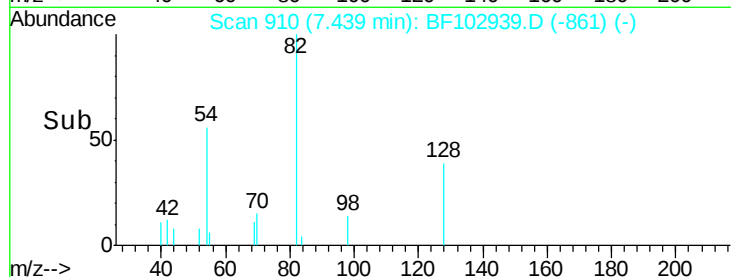
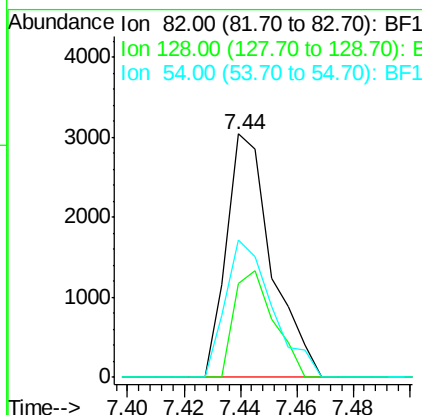
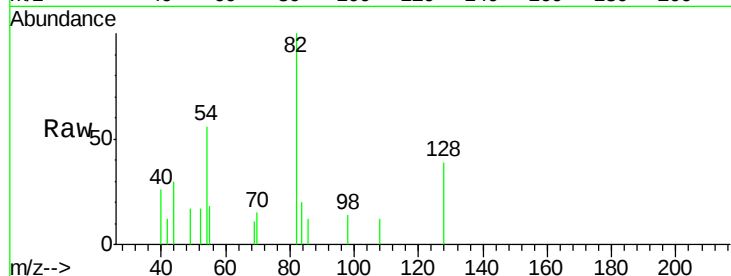




#23
 Nitrobenzene-d5
 Concen: 0.37 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF102939.D
 Acq: 13 Feb 2018 00:33

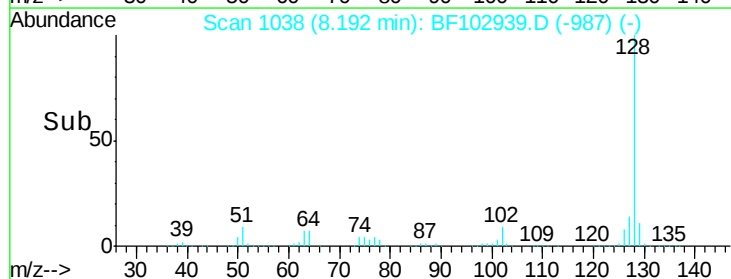
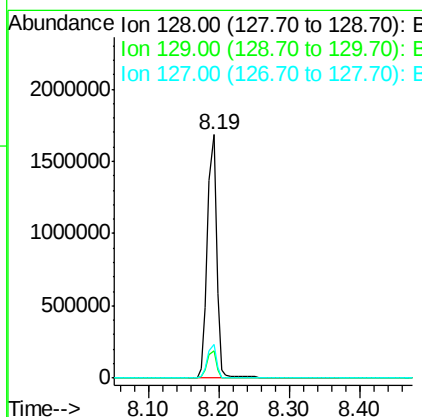
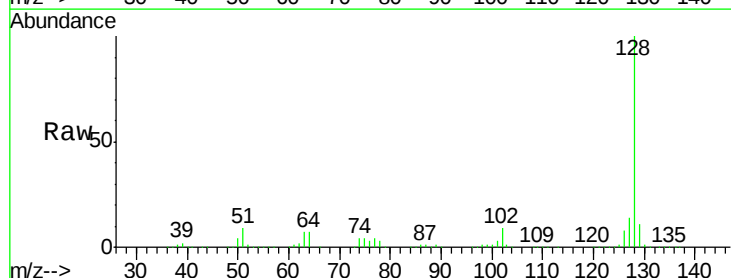
Instrument :
 BNA_F
 ClientSampleId :

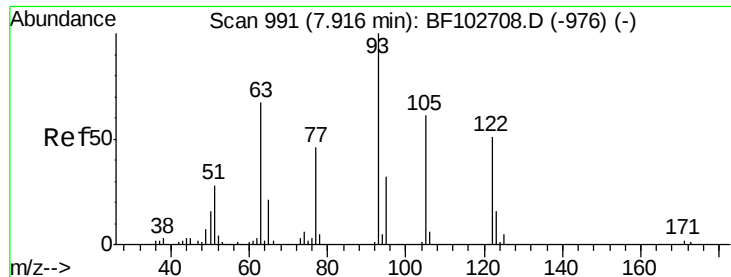
Tot Ion: 82 Resp: 3379
 Ion Ratio Lower Upper
 82 100
 128 38.7 36.1 54.1
 54 56.3 41.4 62.2



#31
 Naphthalene
 Concen: 50.59 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF102939.D
 Acq: 13 Feb 2018 00:33

Tgt Ion: 128 Resp: 1553309
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.8 13.2
 127 13.8 10.9 16.3





#32

Benzoic acid

Concen: 9.28 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

Instrument :

BNA_F

ClientSampleId :

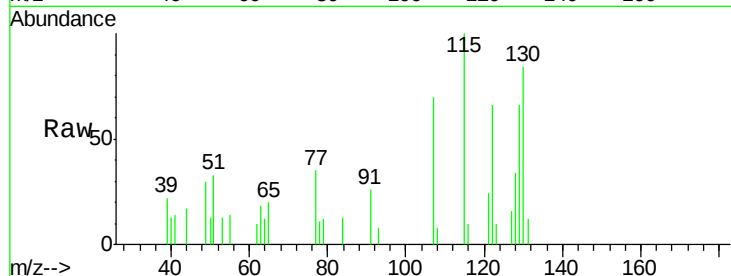
Tot Ion:122 Resp: 4753

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

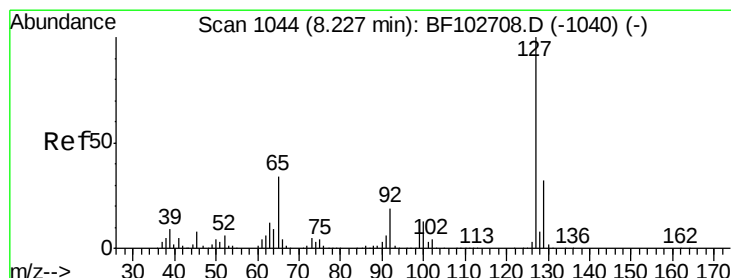
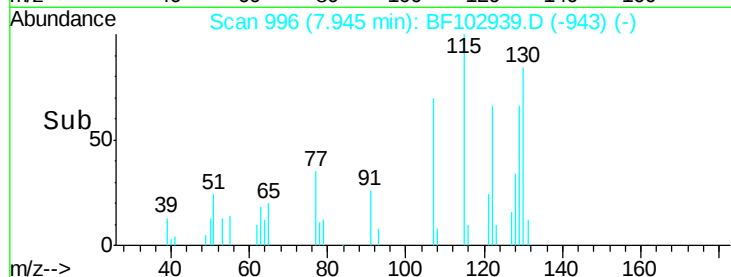
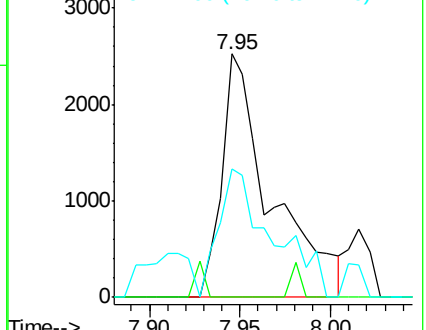
77 53.0 70.7 110.7#



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: 15.85 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.04 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

Tgt Ion:127 Resp: 209625

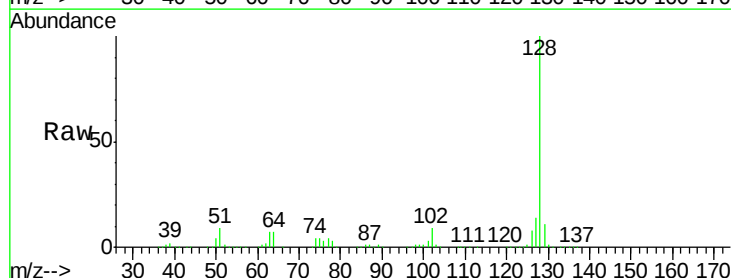
Ion Ratio Lower Upper

127 100

129 82.7 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

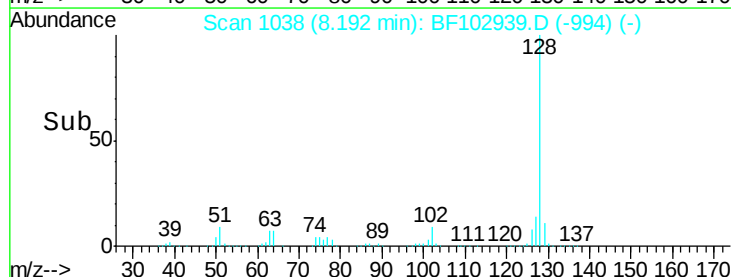
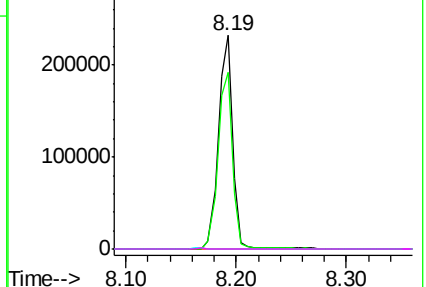


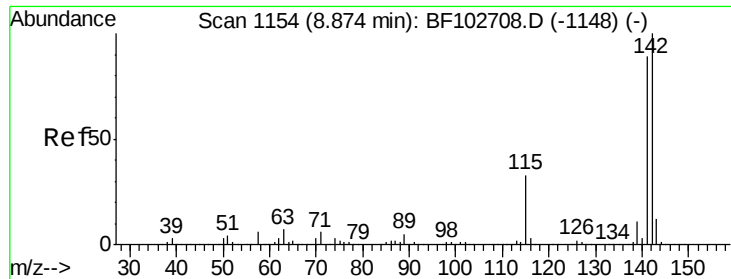
Abundance Ion 127.00 (126.70 to 127.70): E

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

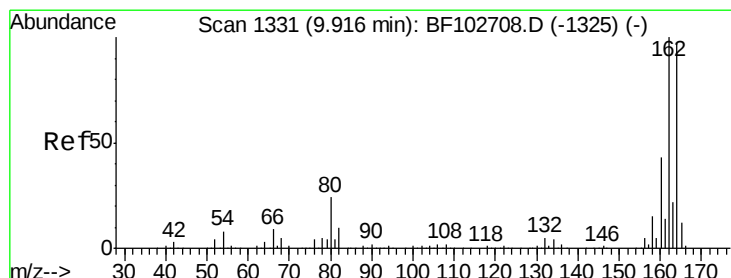
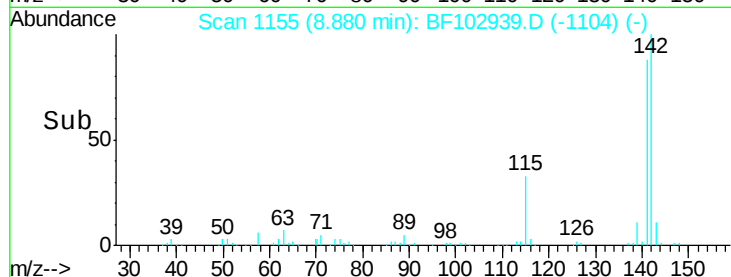
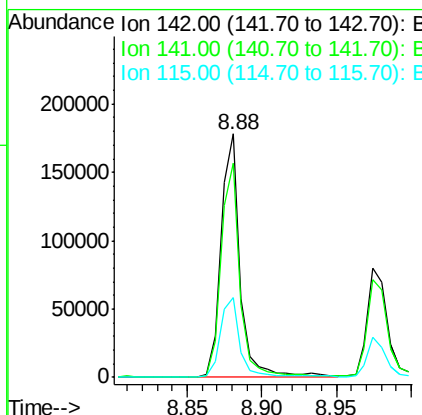
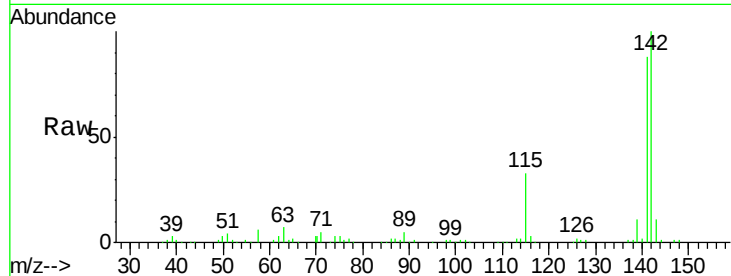




#37
 2-Methylnaphthalene
 Concen: 8.03 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF102939.D
 Acq: 13 Feb 2018 00:33

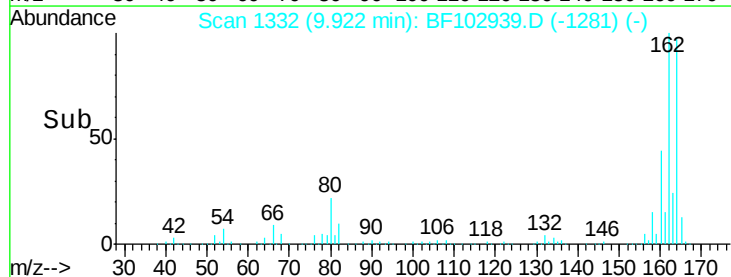
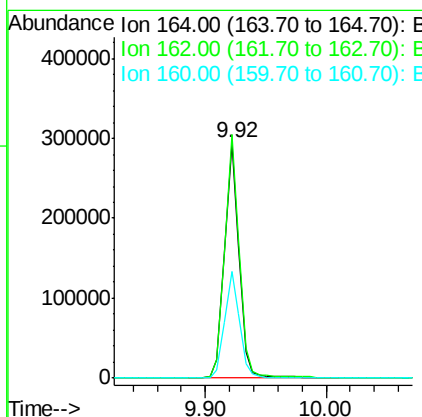
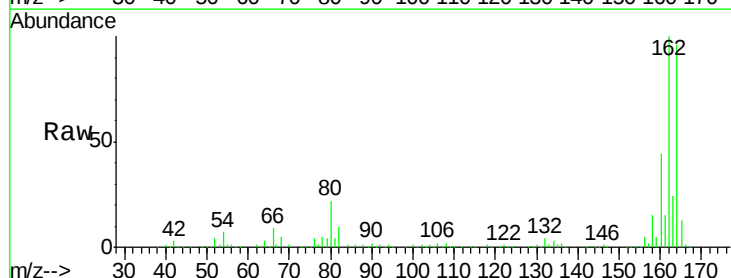
Instrument :
 BNA_F
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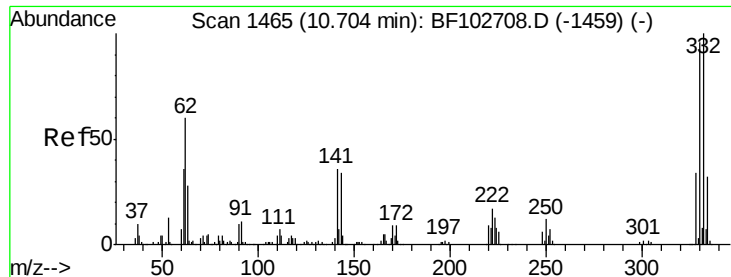
Tot Ion:142 Resp: 161331
 Ion Ratio Lower Upper
 142 100
 141 88.2 70.8 106.2
 115 32.5 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102939.D
 Acq: 13 Feb 2018 00:33

Tgt Ion:164 Resp: 246412
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 45.3 38.3 57.5

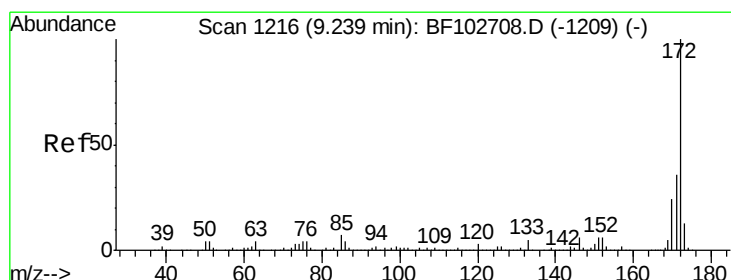
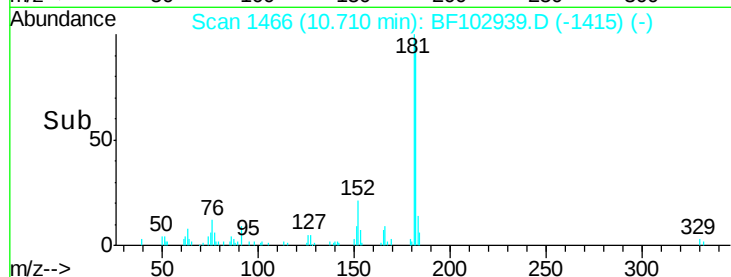
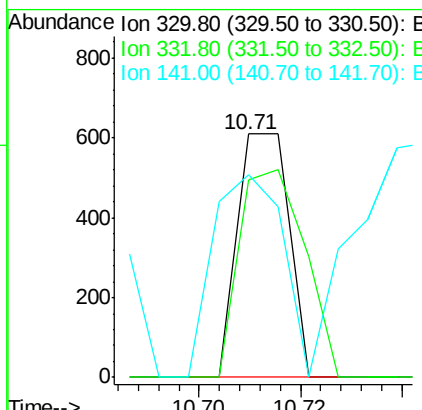
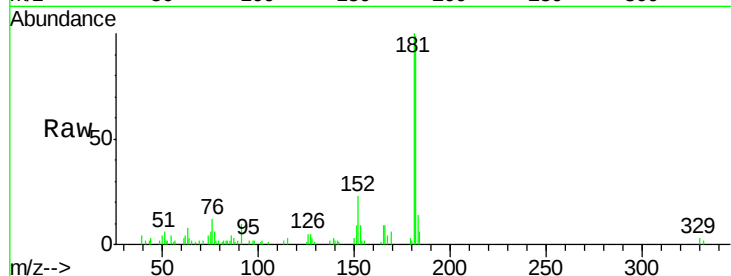




#41
 2,4,6-Tribromophenol
 Concen: 0.22 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102939.D
 Acq: 13 Feb 2018 00:33

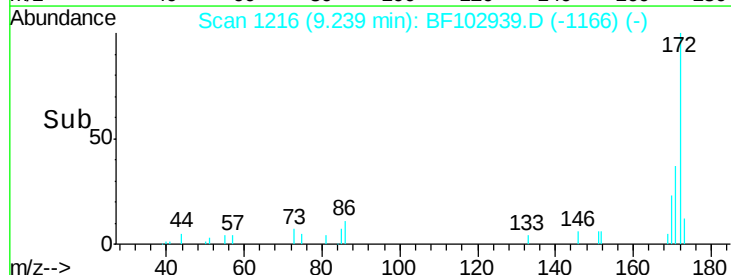
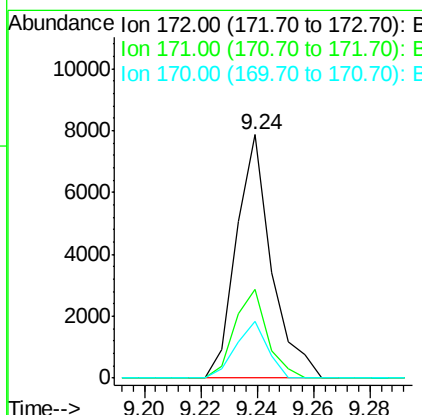
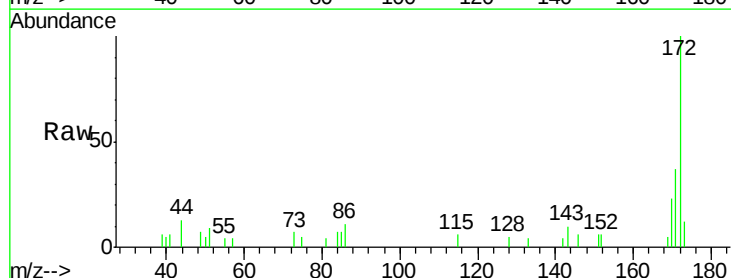
Instrument :
 BNA_F
 ClientSampleId :

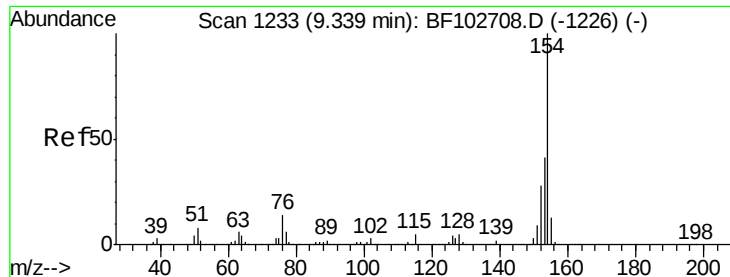
Tot Ion:330 Resp: 430
 Ion Ratio Lower Upper
 330 100
 332 108.1 77.0 115.6
 141 112.8 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 0.46 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102939.D
 Acq: 13 Feb 2018 00:33

Tgt Ion:172 Resp: 6767
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 23.3 19.6 29.4





#45

1,1'-Biphenyl

Concen: 2.28 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

Instrument :

BNA_F

ClientSampleId :

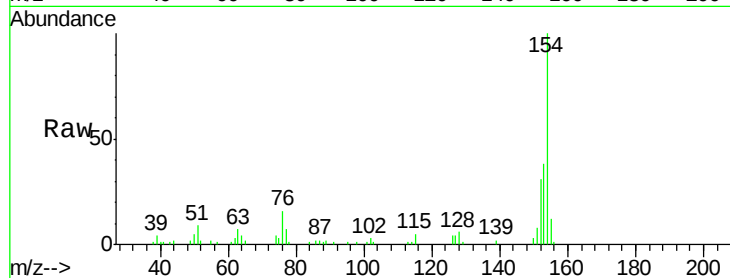
Tot Ion:154 Resp: 47353

Ion Ratio Lower Upper

154 100

153 38.1 21.3 61.3

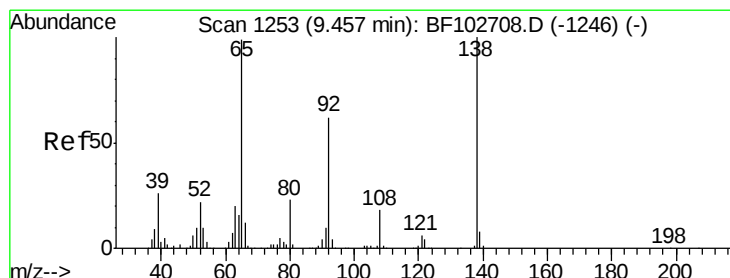
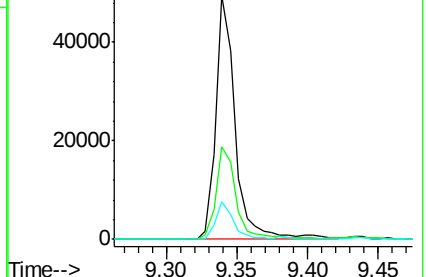
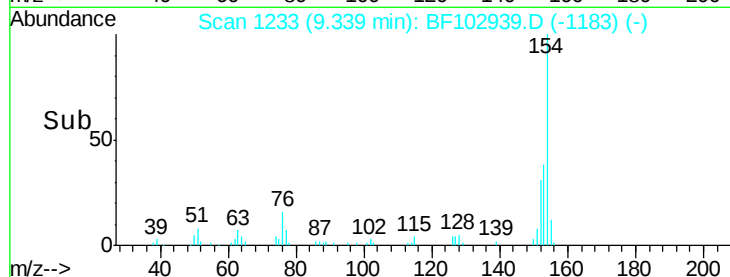
76 15.6 0.0 34.0



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



#47

2-Nitroaniline

Concen: 3.53 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.04 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

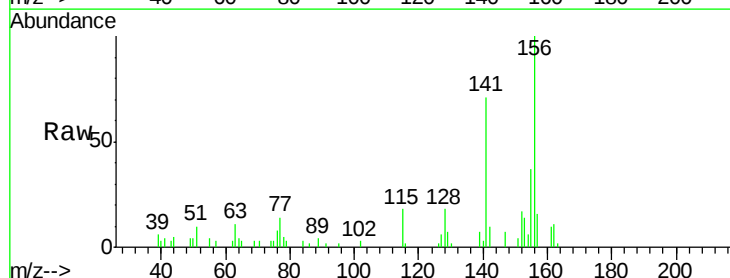
Tgt Ion: 65 Resp: 312

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

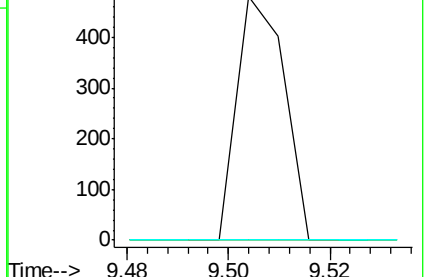
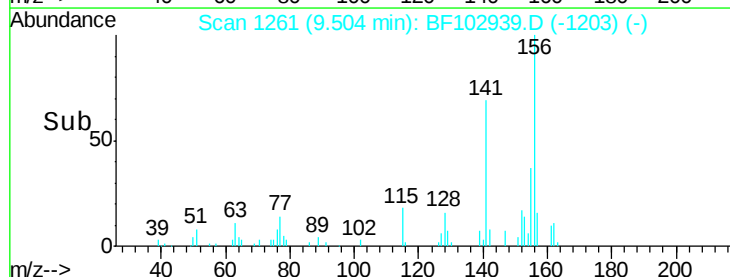
138 0.0 91.2 136.8#

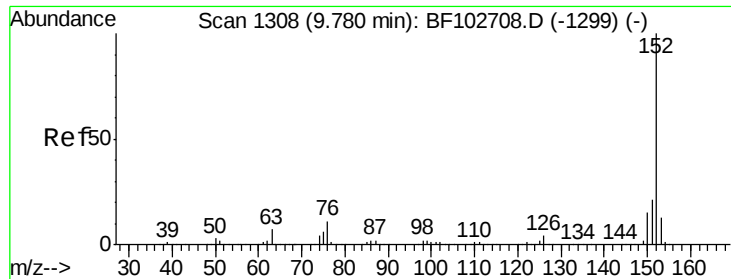


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#48

Acenaphthylene

Concen: 10.94 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

Instrument :

BNA_F

ClientSampleId :

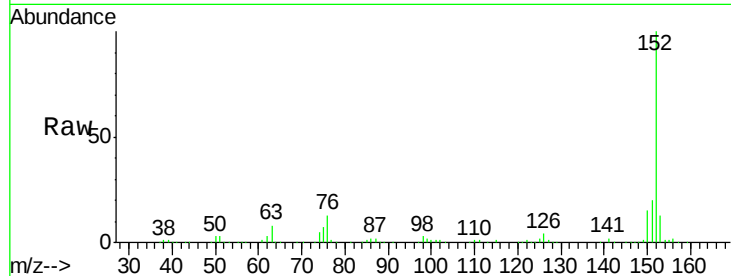
Tot Ion:152 Resp: 277583

Ion Ratio Lower Upper

152 100

151 19.8 16.3 24.5

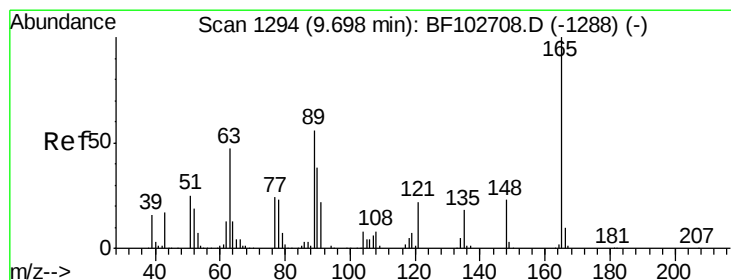
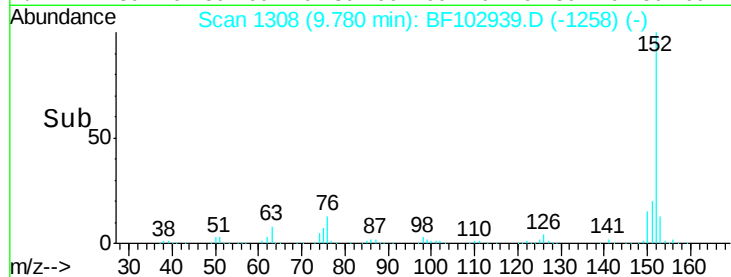
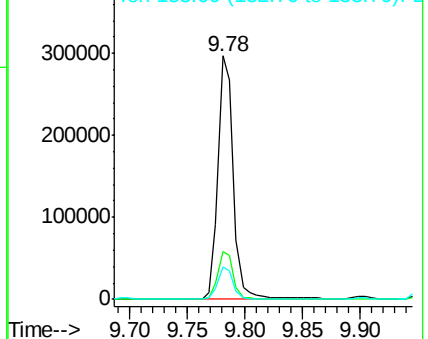
153 13.5 10.7 16.1



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



#50

2,6-Dinitrotoluene

Concen: 9.26 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.22 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

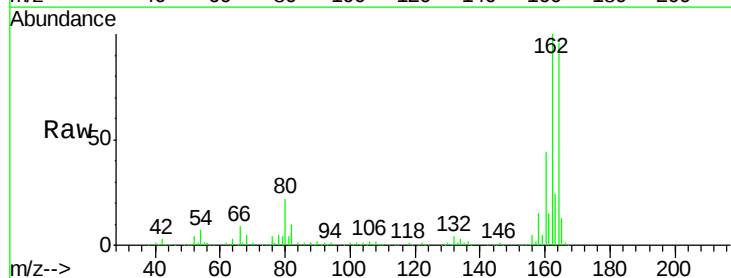
Tgt Ion:165 Resp: 33850

Ion Ratio Lower Upper

165 100

63 1.8 44.7 67.1#

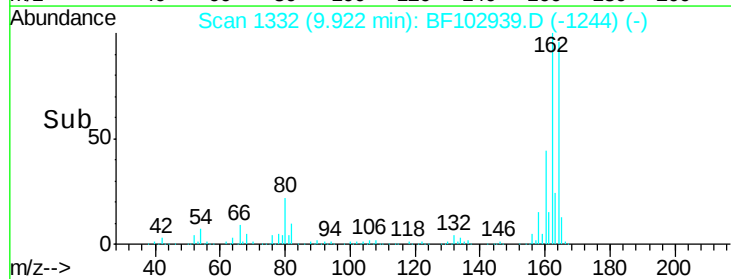
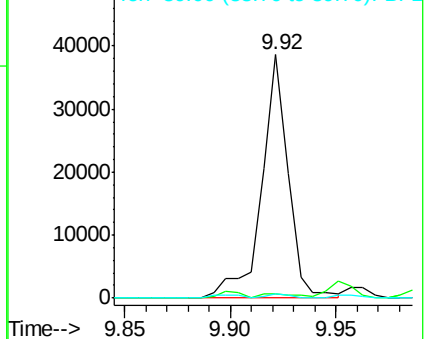
89 1.8 44.0 66.0#

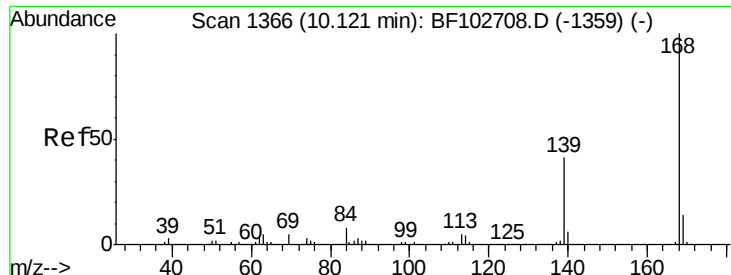


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

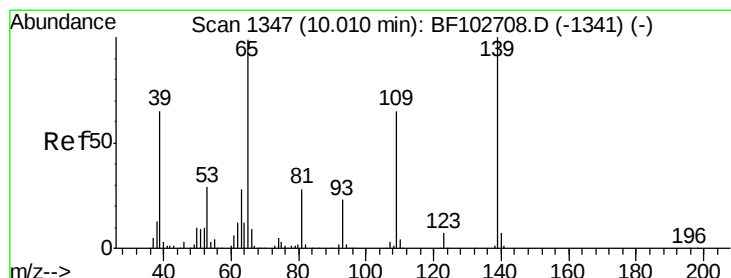
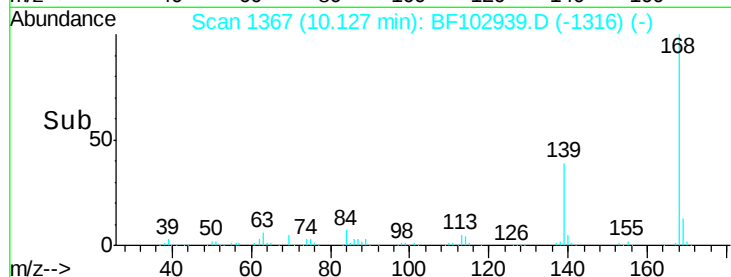
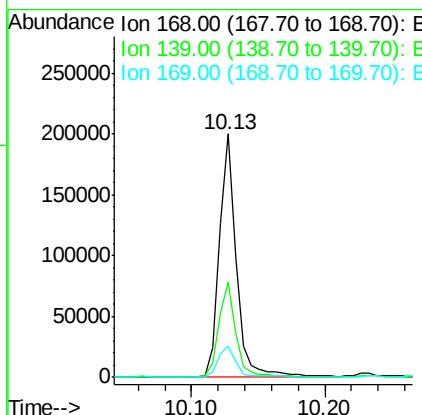
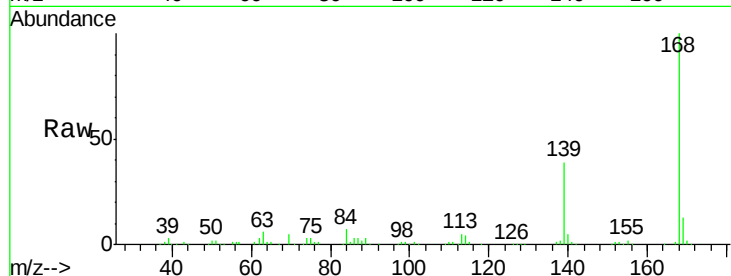




#54
Dibenzenofuran
Concen: 8.54 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF102939.D
Acq: 13 Feb 2018 00:33

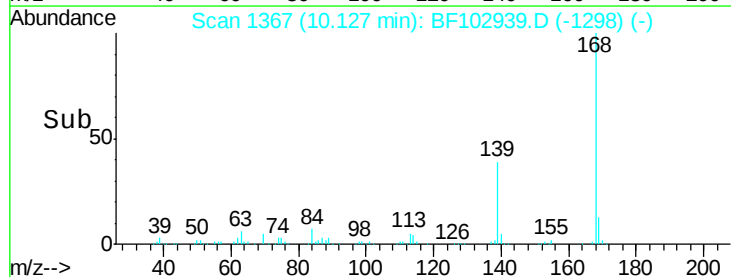
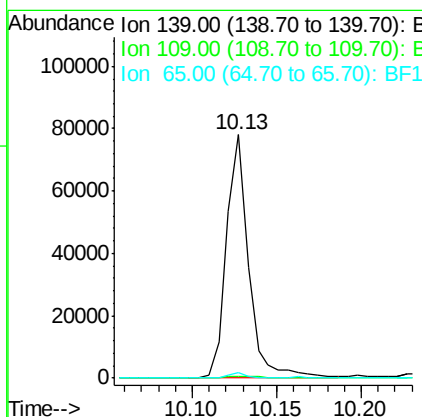
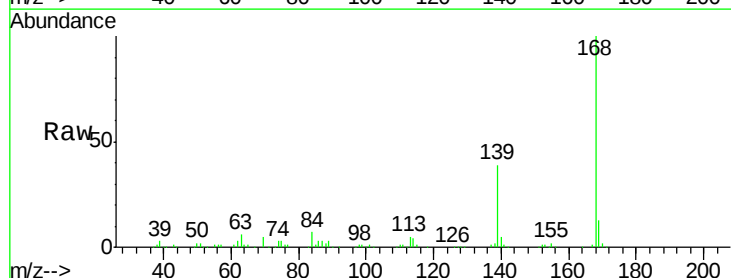
Instrument :
BNA_F
ClientSampleId :

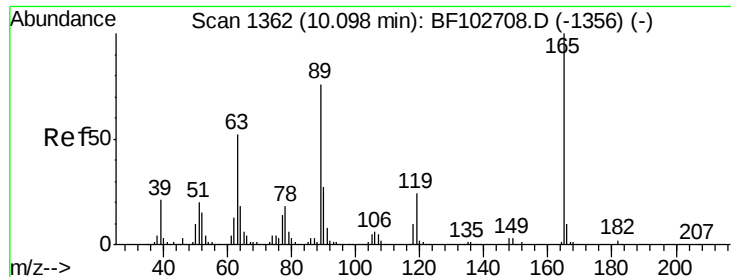
Tot Ion:168 Resp: 182589
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 13.0 10.9 16.3



#55
4-Nitrophenol
Concen: 22.42 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF102939.D
Acq: 13 Feb 2018 00:33

Tgt Ion:139 Resp: 71614
Ion Ratio Lower Upper
139 100
109 0.7 48.4 88.4#
65 2.1 72.6 112.6#

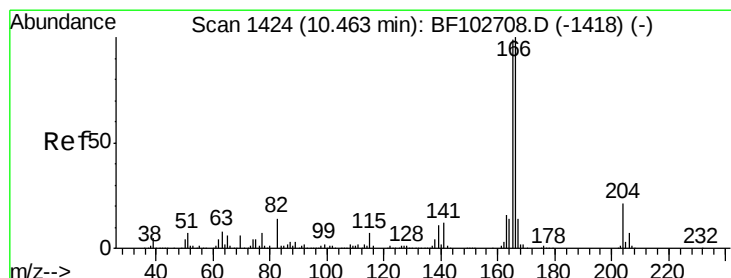
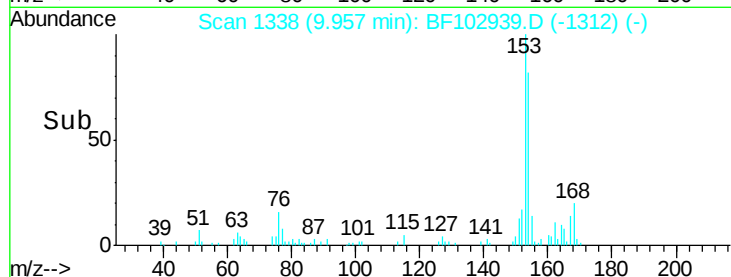
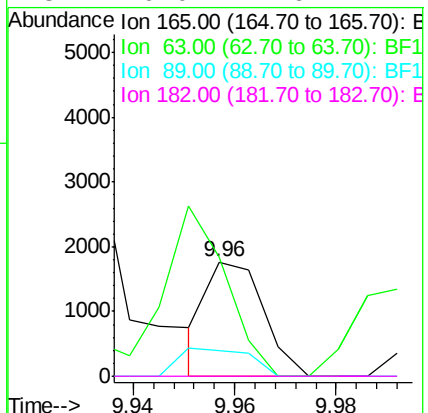
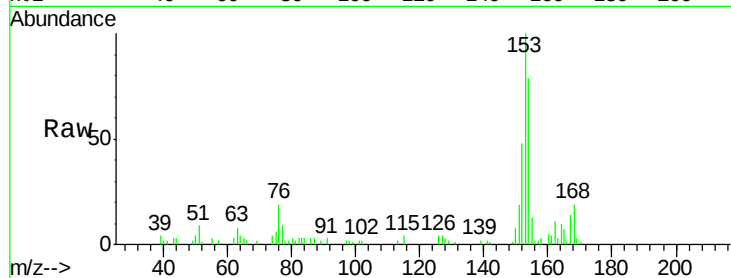




#56
2,4-Dinitrotoluene
Concen: 3.34 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.15 min
Lab File: BF102939.D
Acq: 13 Feb 2018 00:33

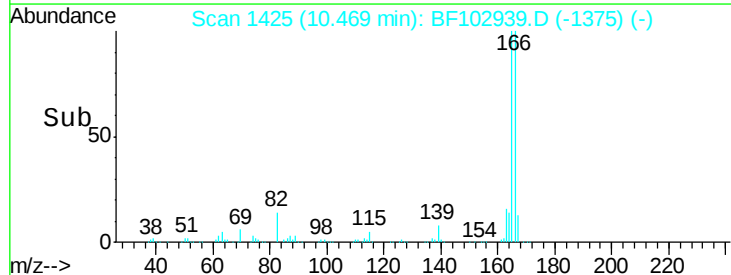
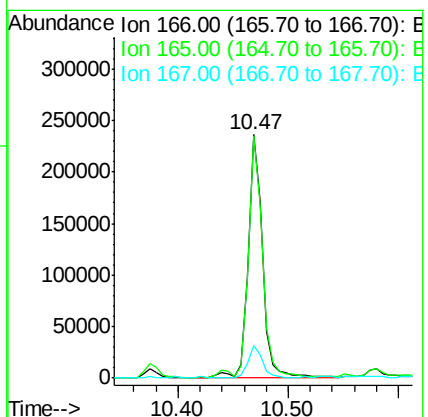
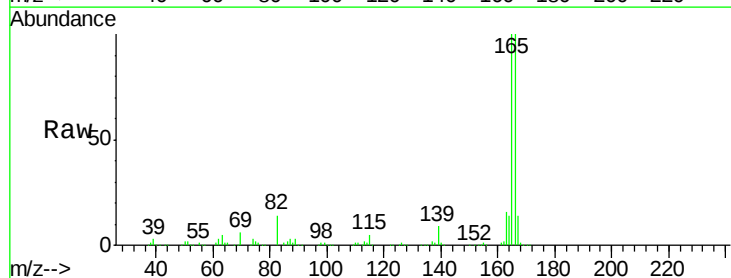
Instrument :
BNA_F
ClientSampleId :

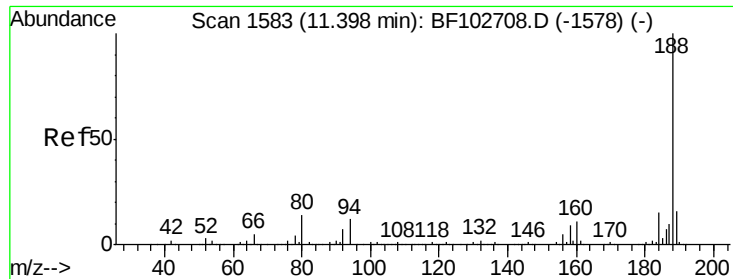
Tot Ion:	165	Resp:	1362
Ion	Ratio	Lower	Upper
165	100		
63	104.1	36.4	54.6#
89	22.5	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 14.02 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF102939.D
Acq: 13 Feb 2018 00:33

Tgt Ion:	166	Resp:	218125
Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	13.5	10.6	16.0

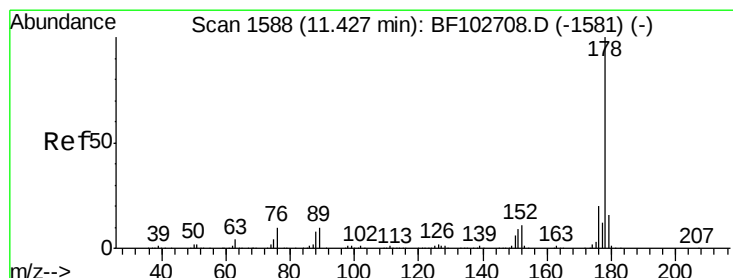
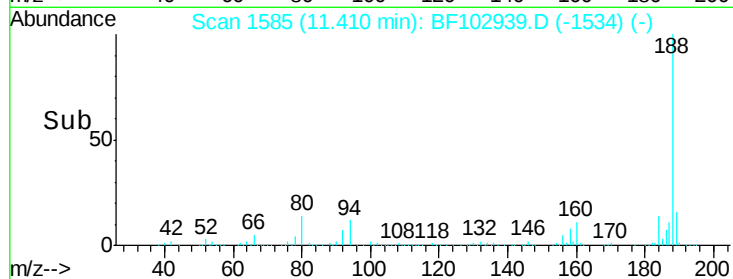
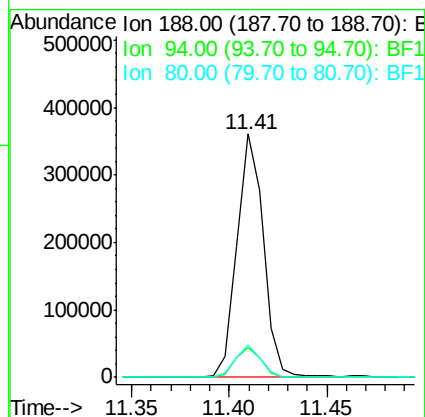
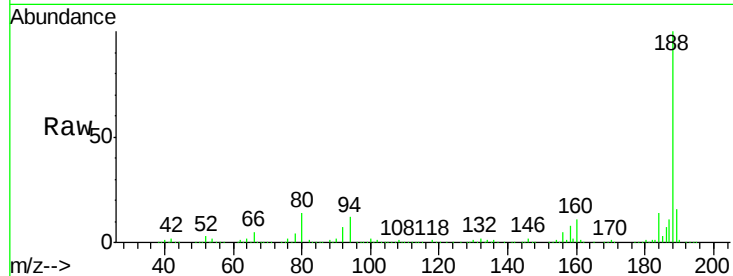




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102939.D
Acq: 13 Feb 2018 00:33

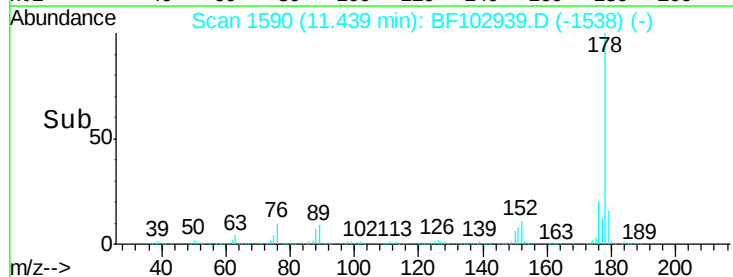
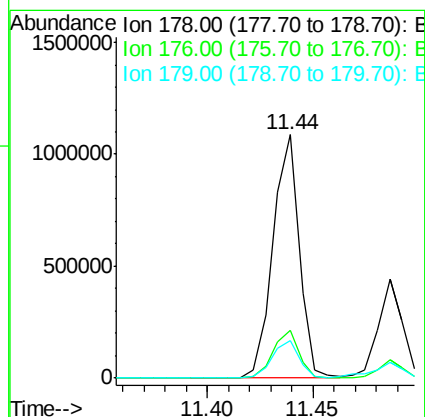
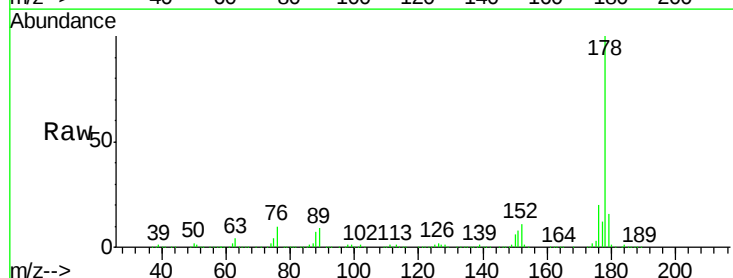
Instrument :
BNA_F
ClientSampled :

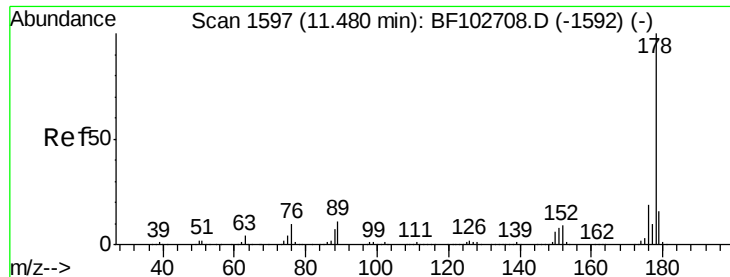
Tot Ion:188 Resp: 339391
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 13.6 9.2 13.8



#70
Phenanthrene
Concen: 49.95 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF102939.D
Acq: 13 Feb 2018 00:33

Tgt Ion:178 Resp: 944063
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.6 13.0 19.6





#71

Anthracene

Concen: 19.49 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

Instrument :

BNA_F

ClientSampled :

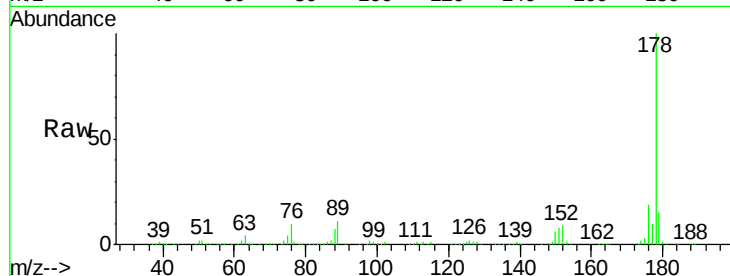
Tot Ion:178 Resp: 374768

Ion Ratio Lower Upper

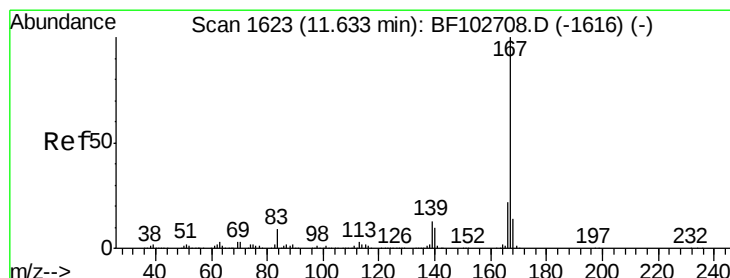
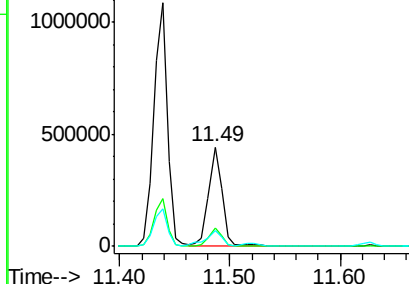
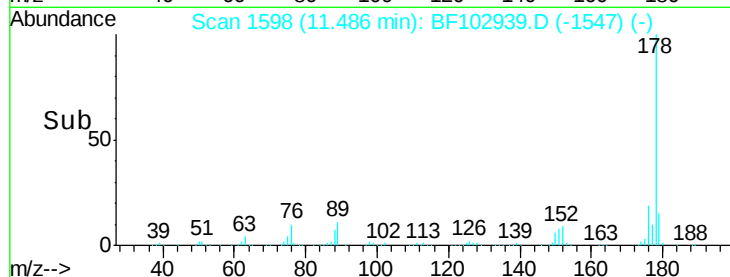
178 100

176 19.1 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



#72

Carbazole

Concen: 7.70 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

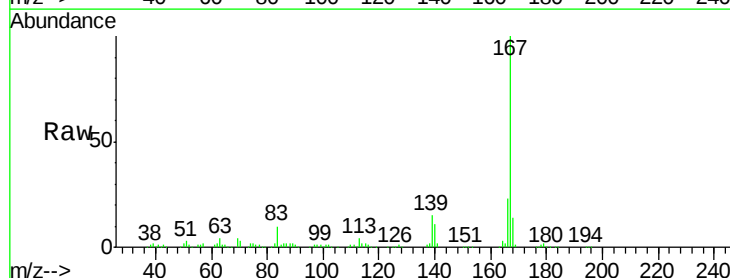
Tgt Ion:167 Resp: 145073

Ion Ratio Lower Upper

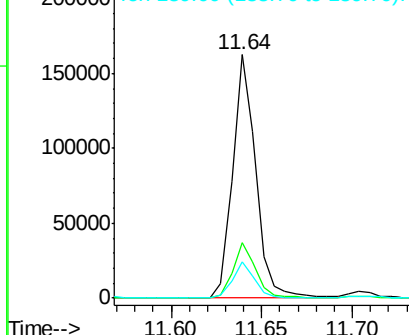
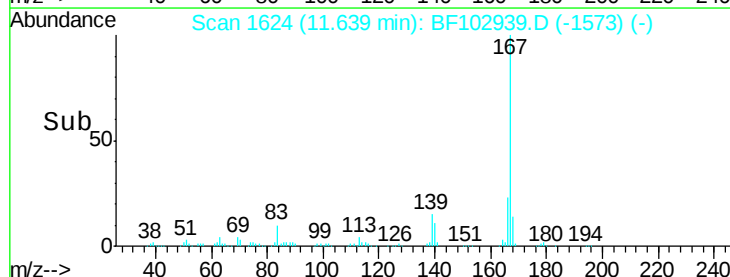
167 100

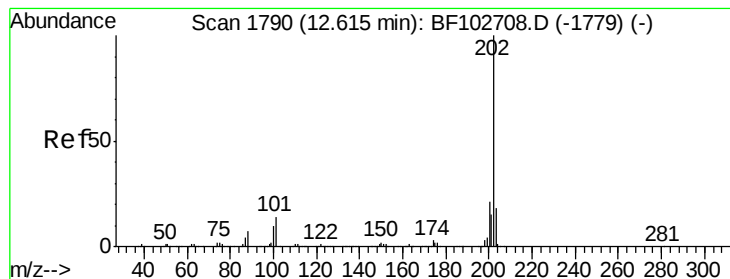
166 23.0 17.6 26.4

139 15.0 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: 39.65 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

Instrument :

BNA_F

ClientSampleId :

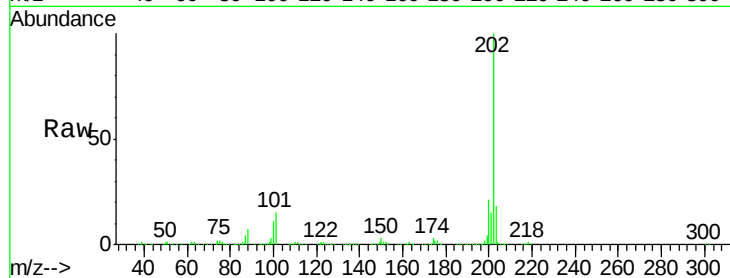
Tot Ion:202 Resp: 754057

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

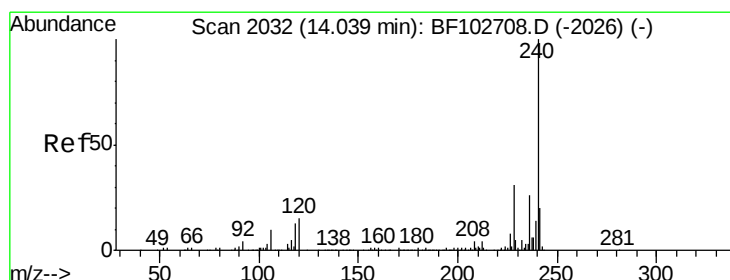
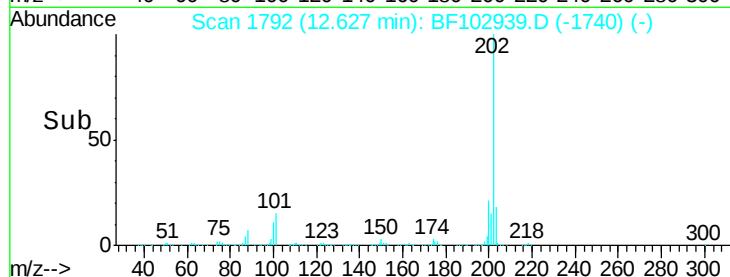
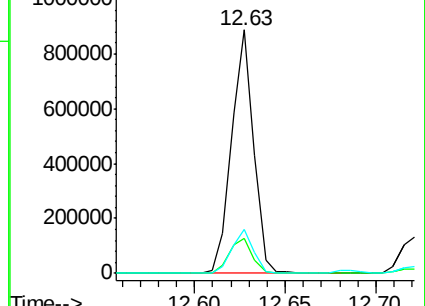
203 18.1 0.0 38.1



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: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

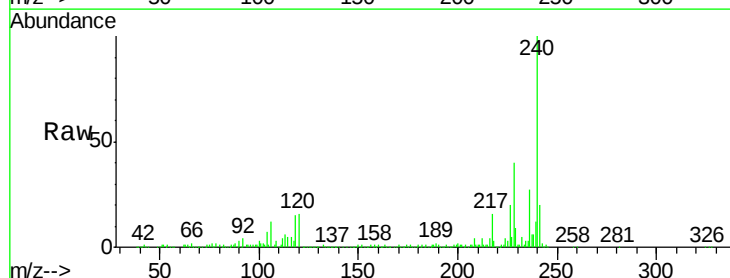
Tgt Ion:240 Resp: 284644

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

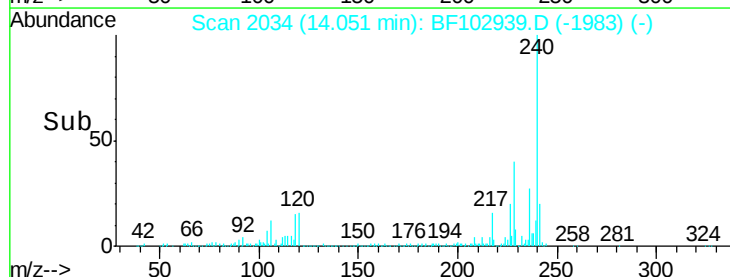
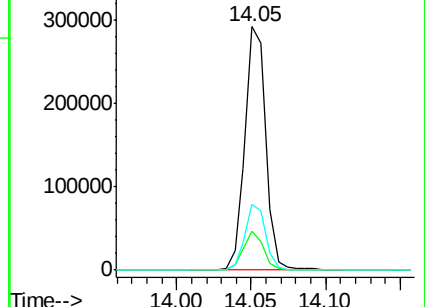
236 27.1 20.7 31.1

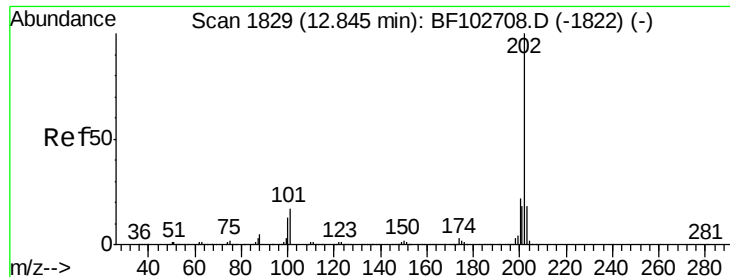


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 27.24 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

Instrument :

BNA_F

ClientSampleId :

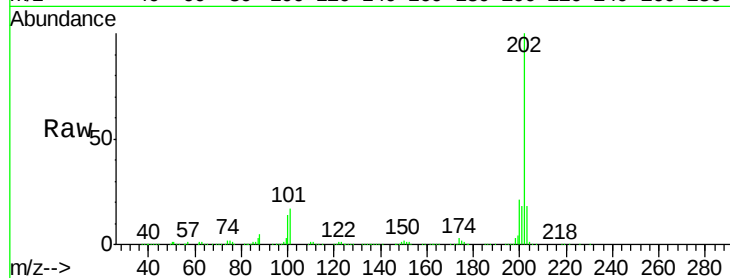
Tot Ion:202 Resp: 607930

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

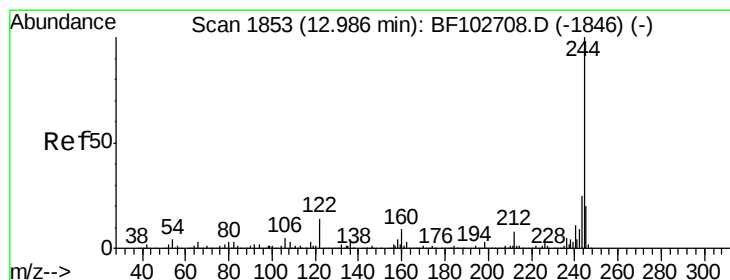
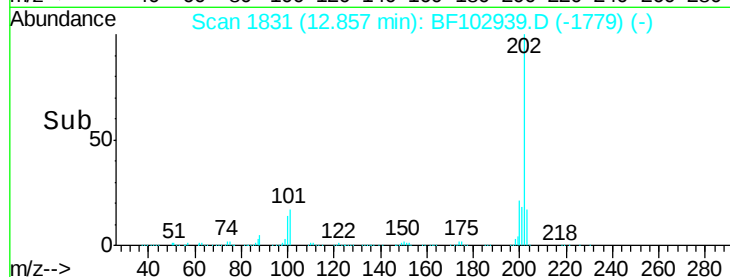
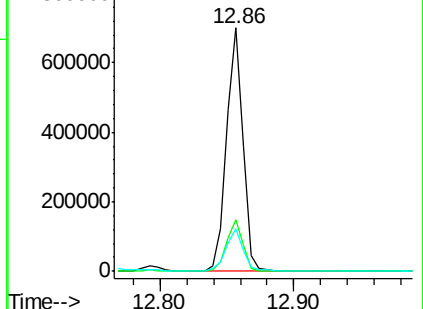
203 17.6 14.3 21.5



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: 0.40 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

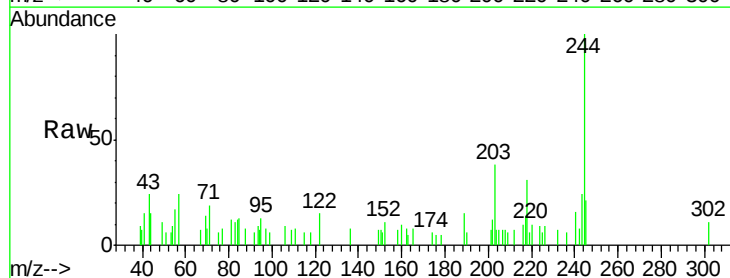
Tgt Ion:244 Resp: 4787

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

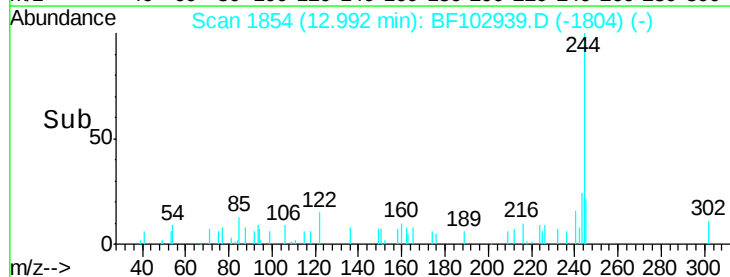
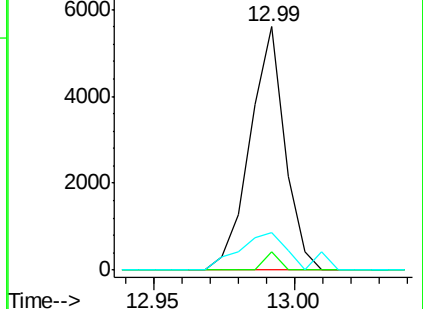
122 15.4 11.0 16.4

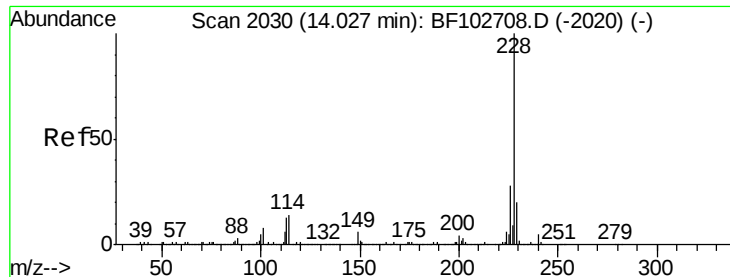


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 15.43 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.04 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

Instrument :

BNA_F

ClientSampleId :

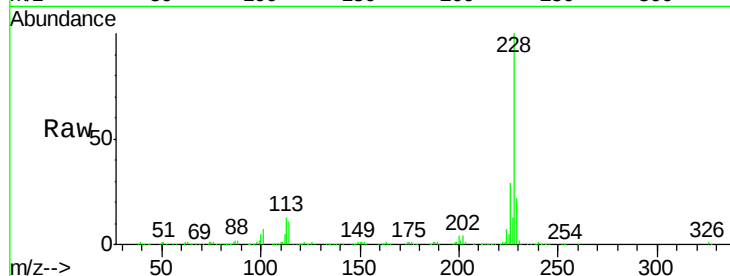
Tot Ion:228 Resp: 276265

Ion Ratio Lower Upper

228 100

226 29.4 22.6 33.8

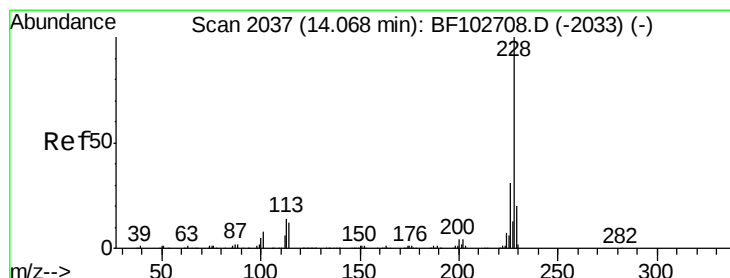
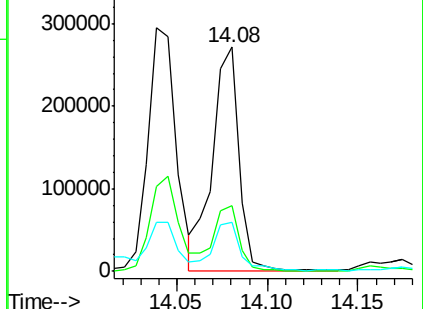
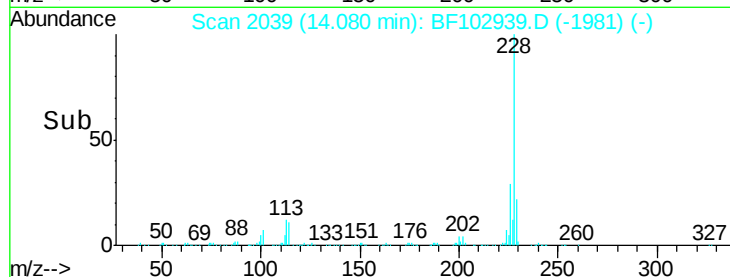
229 21.8 15.8 23.6



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: 15.31 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

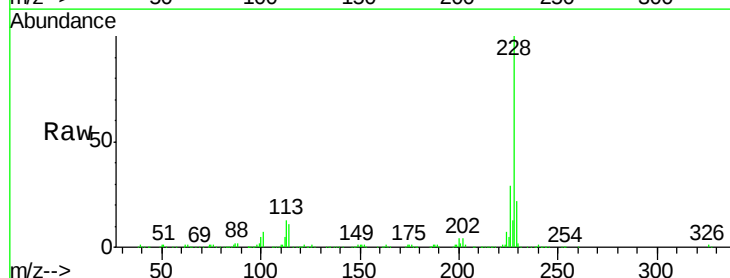
Tgt Ion:228 Resp: 276265

Ion Ratio Lower Upper

228 100

226 29.4 25.0 37.6

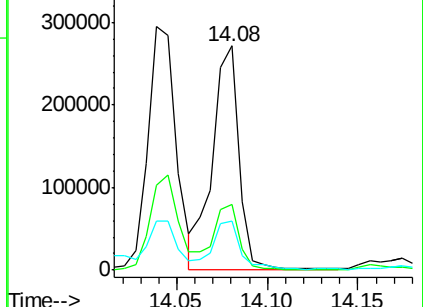
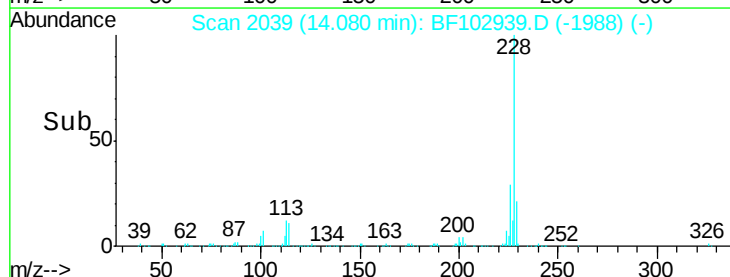
229 21.8 16.2 24.4

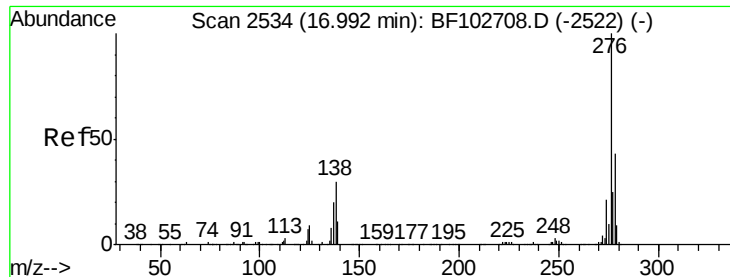


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

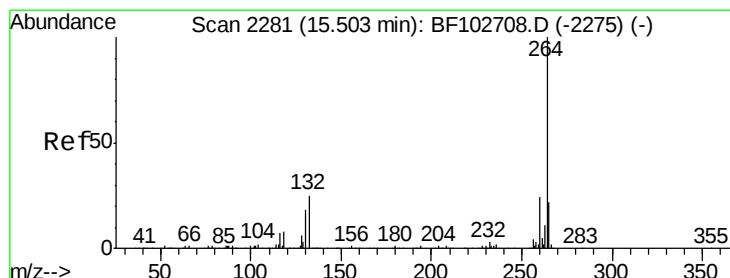
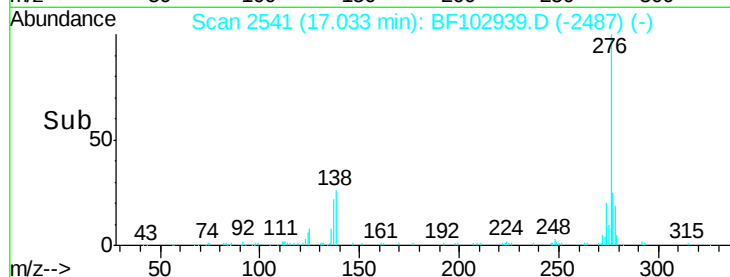
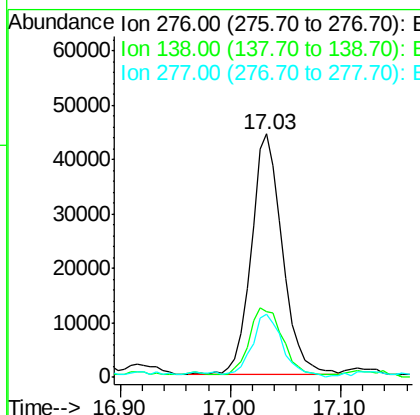
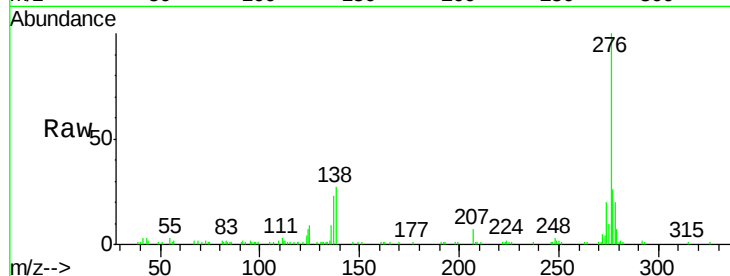




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.87 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. 0.02 min
 Lab File: BF102939.D
 Acq: 13 Feb 2018 00:33

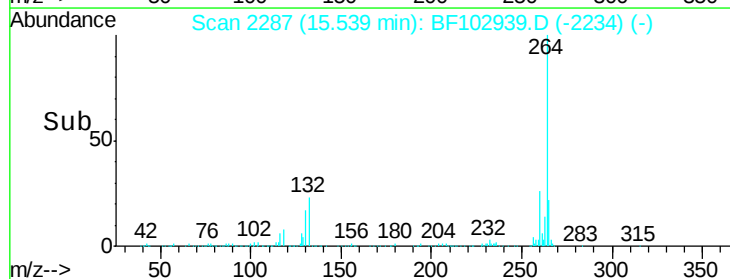
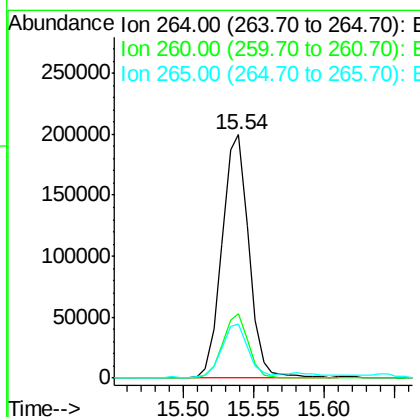
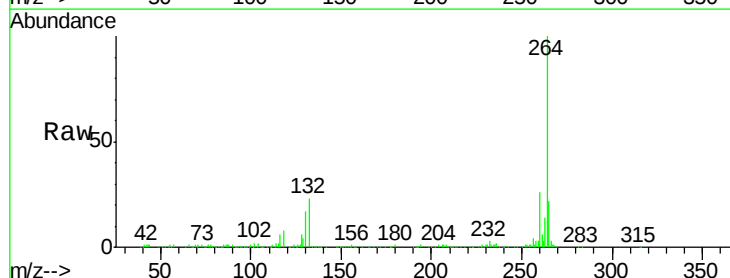
Instrument :
 BNA_F
 ClientSampleId :

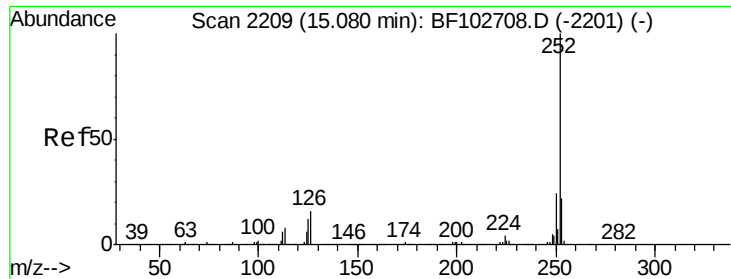
Tot Ion:276 Resp: 87880
 Ion Ratio Lower Upper
 276 100
 138 29.3 25.0 37.6
 277 26.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF102939.D
 Acq: 13 Feb 2018 00:33

Tgt Ion:264 Resp: 265387
 Ion Ratio Lower Upper
 264 100
 260 26.3 19.2 28.8
 265 22.5 17.5 26.3

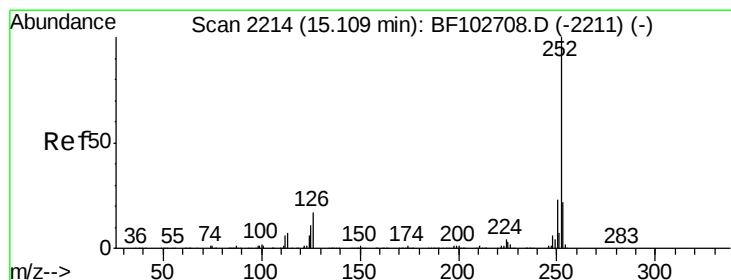
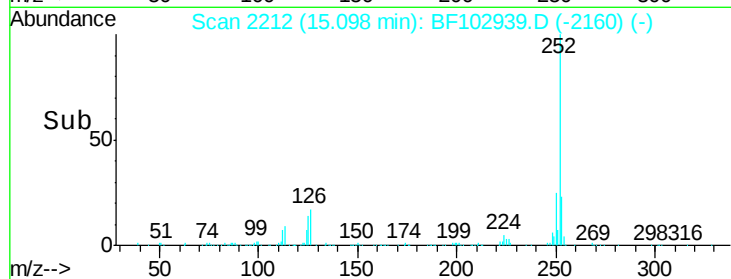
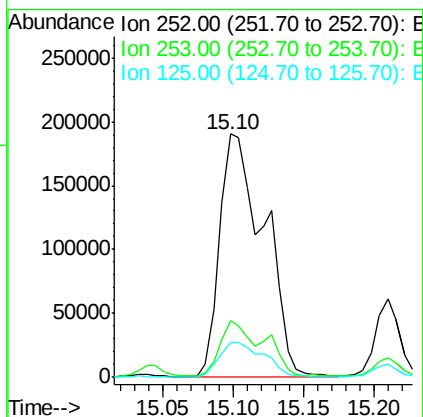
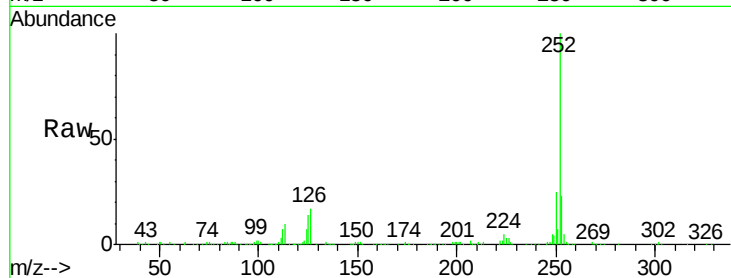




#87
Benzo(b)fluoranthene
Concen: 24.41 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102939.D
Acq: 13 Feb 2018 00:33

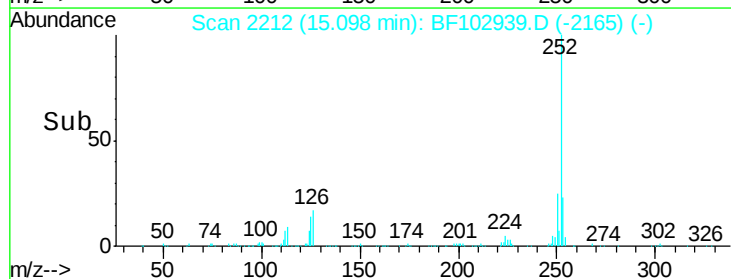
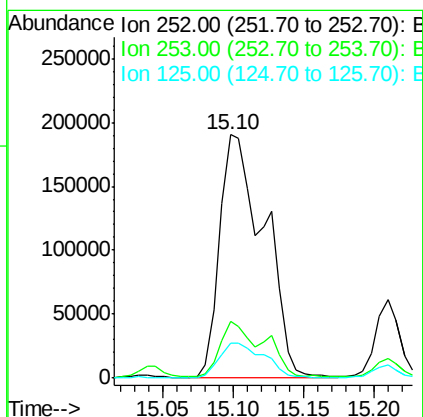
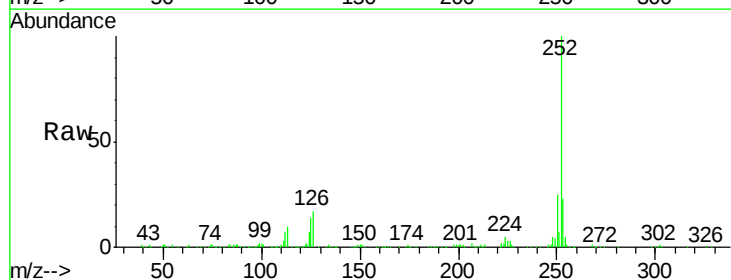
Instrument :
BNA_F
ClientSampleId :

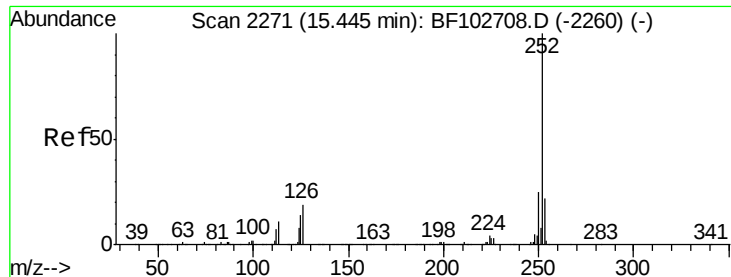
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	14.3	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 25.55 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF102939.D
Acq: 13 Feb 2018 00:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	14.3	10.2	15.2





#89

Benzo(a)pyrene

Concen: 14.36 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

Instrument :

BNA_F

ClientSampleId :

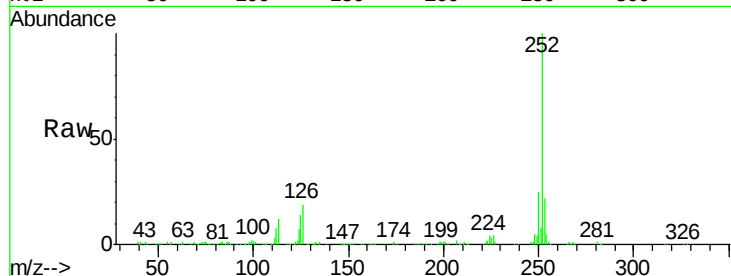
Tot Ion:252 Resp: 222465

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

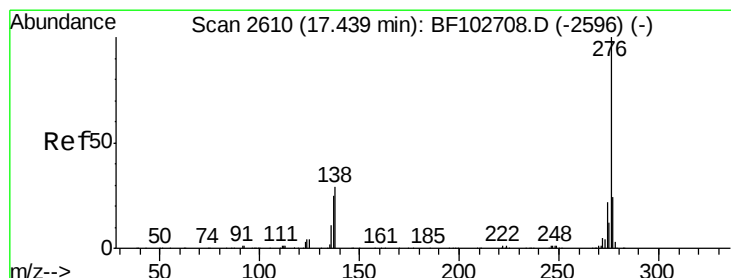
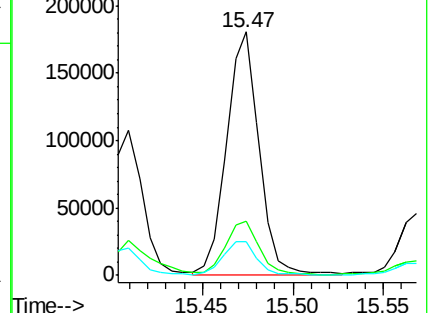
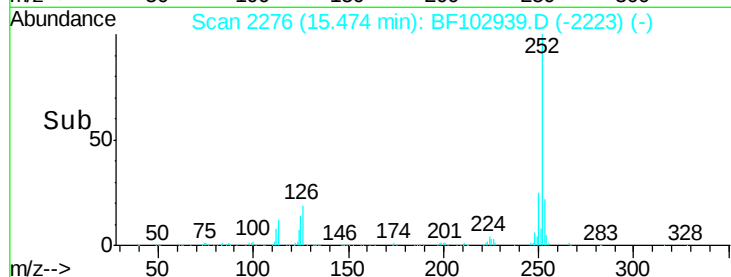
125 14.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 6.34 ng

RT: 17.49 min Scan# 2619

Delta R.T. 0.02 min

Lab File: BF102939.D

Acq: 13 Feb 2018 00:33

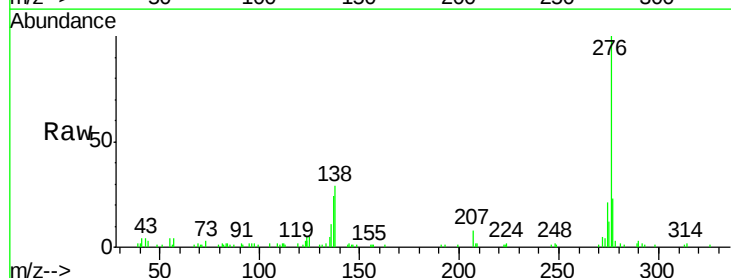
Tgt Ion:276 Resp: 78011

Ion Ratio Lower Upper

276 100

277 22.7 17.9 26.9

138 28.8 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

