

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032618\
 Data File : BF103959.D
 Acq On : 27 Mar 2018 7:15
 Operator : JU/SJ
 Sample : J1996-04DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2 SB43 BOT-SE 5DL

Quant Time: Mar 27 08:54:07 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	143834	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	579904	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	261321	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	411577	20.00	ng	0.00
75) Chrysene-d12	14.16	240	270310	20.00	ng	0.00
86) Perylene-d12	15.71	264	263074	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	14786	1.56	ng	0.00
7) Phenol-d6	6.59	99	19767	1.71	ng	-0.01
23) Nitrobenzene-d5	7.53	82	11049	1.33	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	4026	1.79	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	22411	1.37	ng	0.00
78) Terphenyl-d14	13.09	244	18673	1.60	ng	0.00

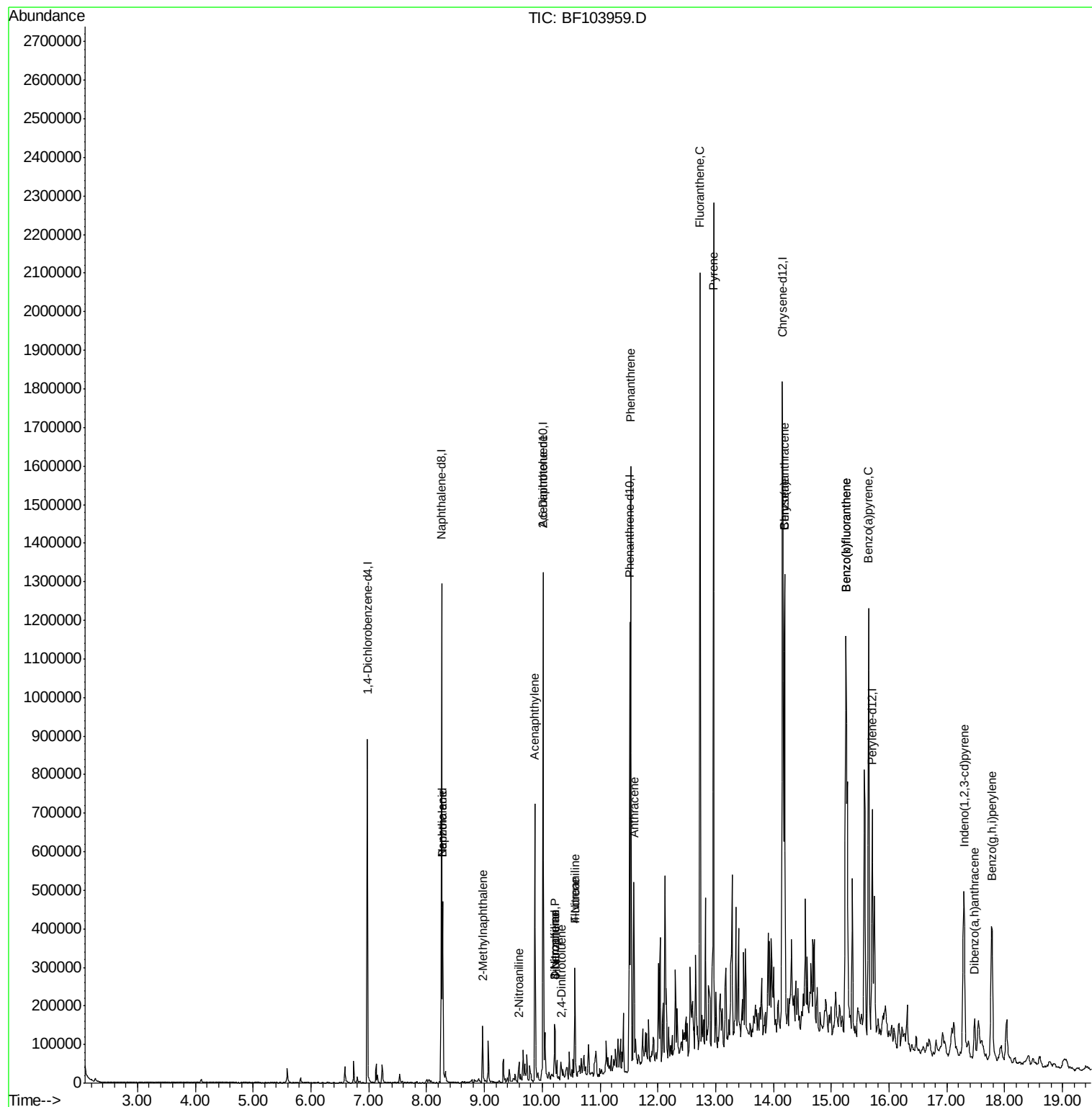
Target Compounds				Qvalue		
31) Naphthalene	8.27	128	195409	6.67	ng	99
32) Benzoic acid	8.27	122	305	9.95	ng	# 1
37) 2-Methylnaphthalene	8.97	142	45585	2.45	ng	98
47) 2-Nitroaniline	9.60	65	237	6.86	ng	# 2
48) Acenaphthylene	9.87	152	291213	10.85	ng	99
50) 2,6-Dinitrotoluene	10.02	165	35804	12.50	ng	# 26
52) 3-Nitroaniline	10.22	138	803	3.97	ng	# 2
54) Dibenzofuran	10.22	168	56626	2.49	ng	95
55) 4-Nitrophenol	10.22	139	22601	10.78	ng	# 11
56) 2,4-Dinitrotoluene	10.32	165	2169	6.60	ng	# 40
57) Fluorene	10.56	166	84929	4.81	ng	98
61) 4-Nitroaniline	10.56	138	953	3.95	ng	# 19
70) Phenanthrene	11.53	178	537045	23.85	ng	99
71) Anthracene	11.59	178	197047	8.62	ng	97
74) Fluoranthene	12.73	202	878647	37.88	ng	96
77) Pyrene	12.96	202	874873	44.07	ng	99
80) Benzo(a)anthracene	14.19	228	455096	26.60	ng	94
82) Chrysene	14.19	228	455096	27.90	ng	98
85) Indeno(1,2,3-cd)pyrene	17.29	276	314686	22.09	ng	# 91
87) Benzo(b)fluoranthene	15.26	252	897696	54.01	ng	97
88) Benzo(k)fluoranthene	15.26	252	897696	56.19	ng	99
89) Benzo(a)pyrene	15.64	252	529821	35.15	ng	97
90) Dibenzo(a,h)anthracene	17.48	278	70212	5.38	ng	96
91) Benzo(g,h,i)perylene	17.78	276	293894	23.14	ng	96

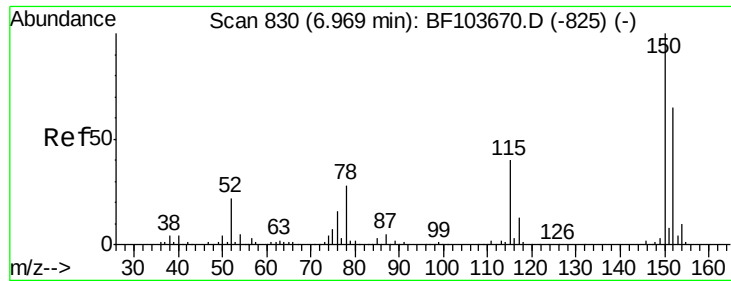
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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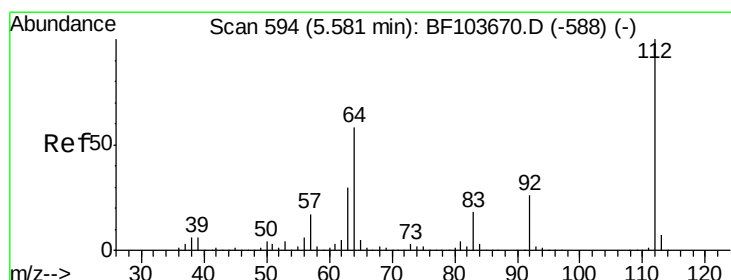
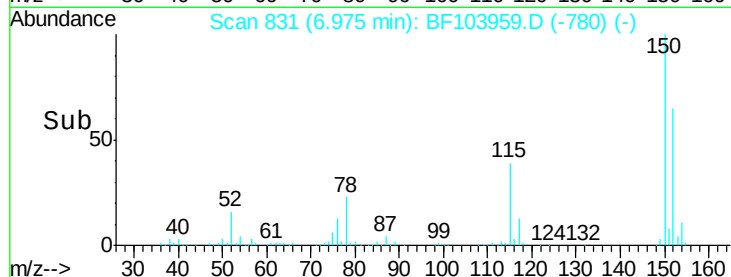
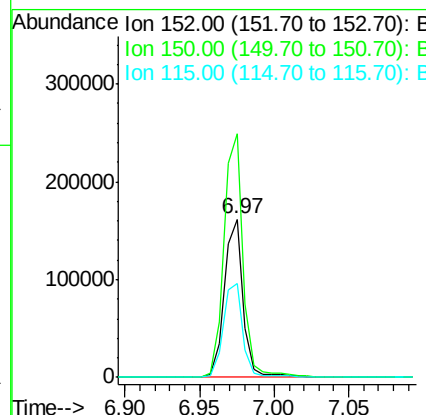
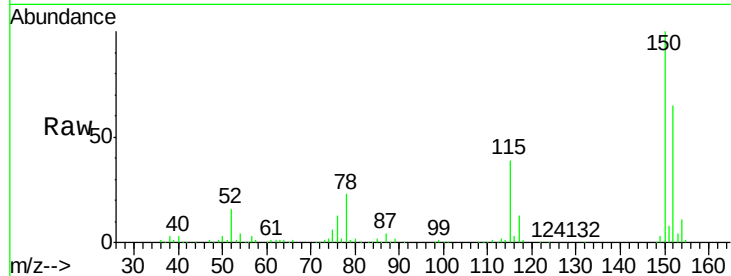




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF103959.D
 Acq: 27 Mar 2018 7:15

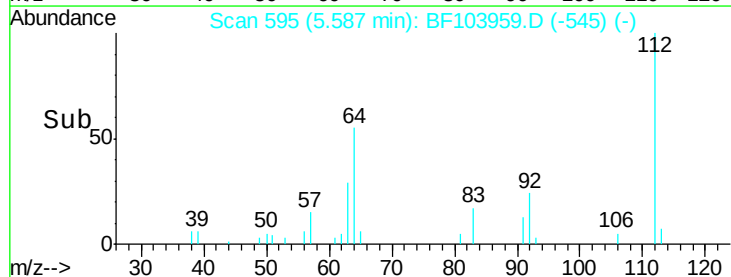
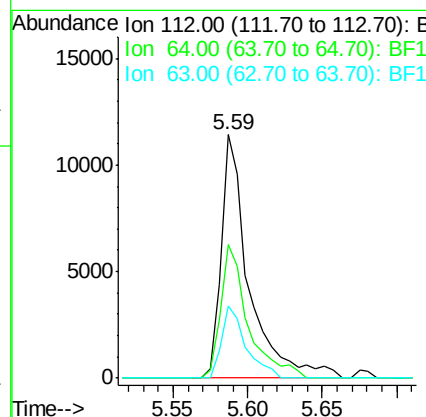
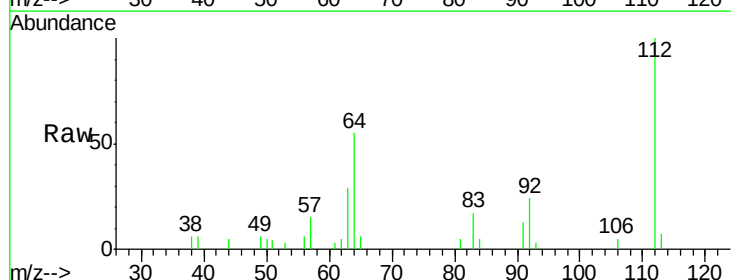
Instrument :
 BNA_F
 ClientSampleId :
 A2_SB43_BOT-SE_5DL

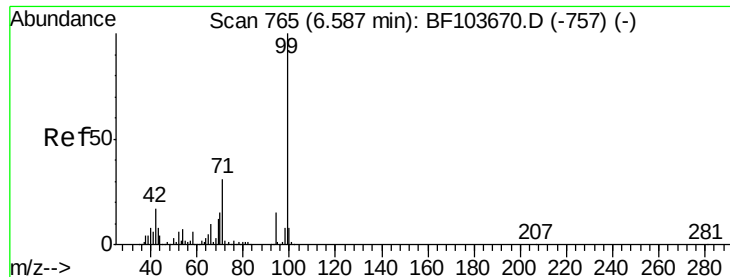
Tgt Ion:152 Resp: 143834
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.6 186.8
 115 59.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 1.56 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF103959.D
 Acq: 27 Mar 2018 7:15

Tgt Ion:112 Resp: 14786
 Ion Ratio Lower Upper
 112 100
 64 54.9 47.9 71.9
 63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 1.71 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103959.D

Acq: 27 Mar 2018 7:15

Instrument :

BNA_F

ClientSampleId :

A2_SB43_BOT-SE_5DL

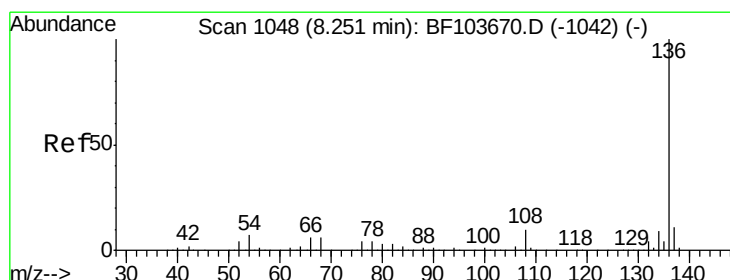
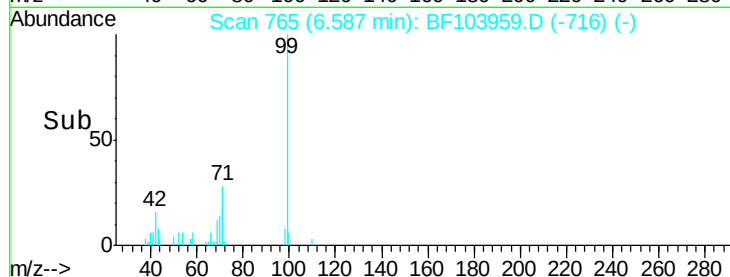
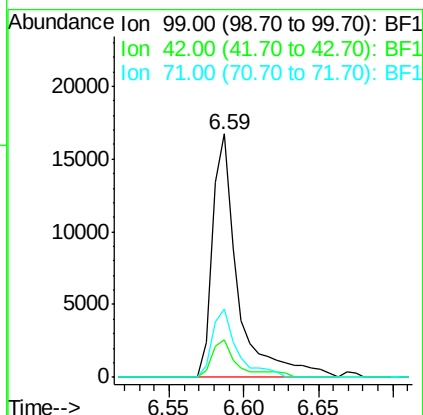
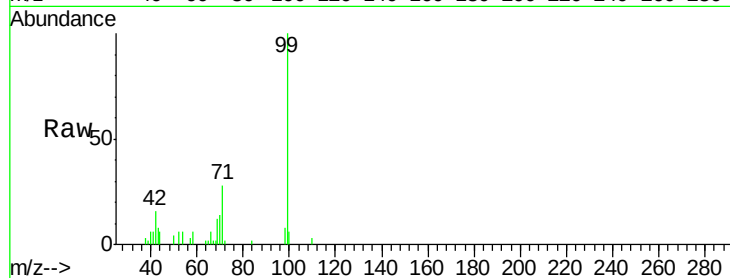
Tgt Ion: 99 Resp: 19767

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

71 27.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103959.D

Acq: 27 Mar 2018 7:15

Tgt Ion: 136 Resp: 579904

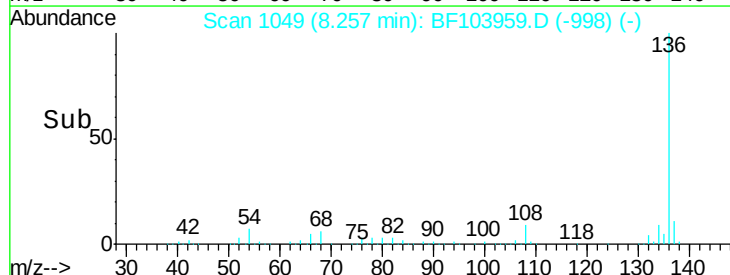
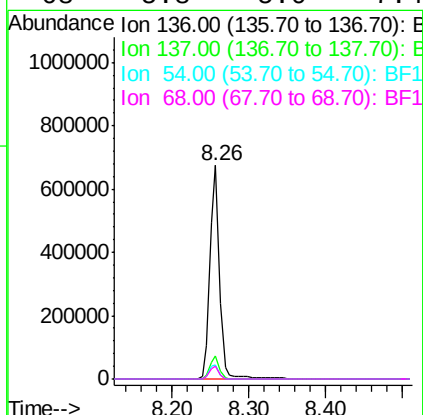
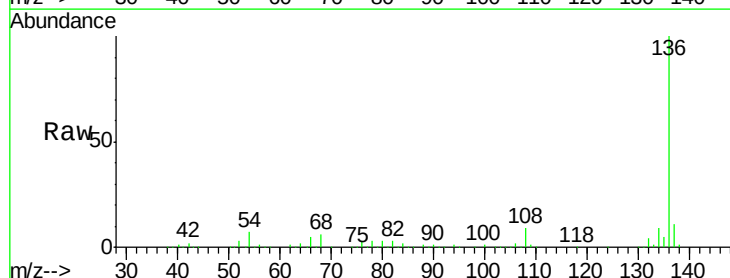
Ion Ratio Lower Upper

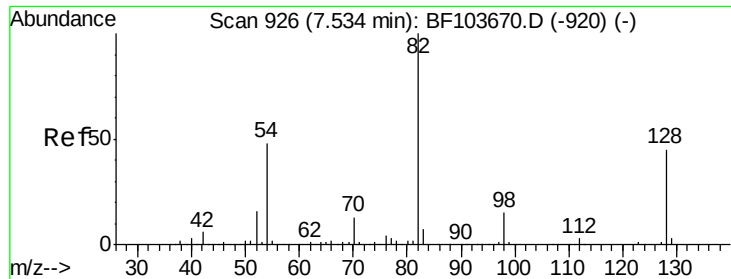
136 100

137 10.8 8.9 13.3

54 6.7 6.6 9.8

68 5.8 5.0 7.4

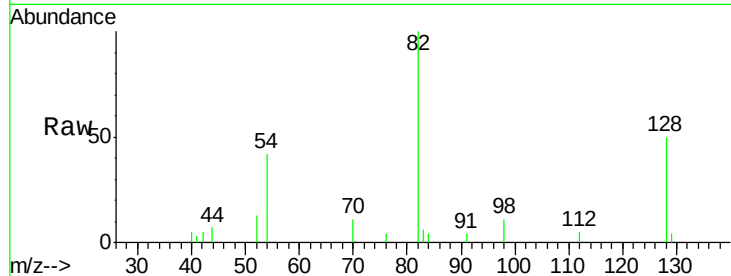




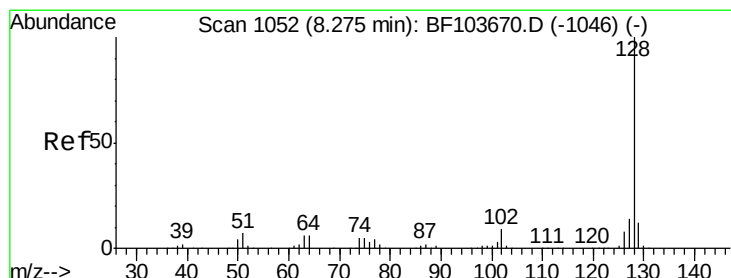
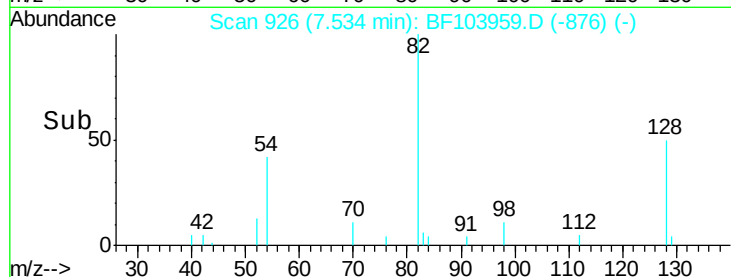
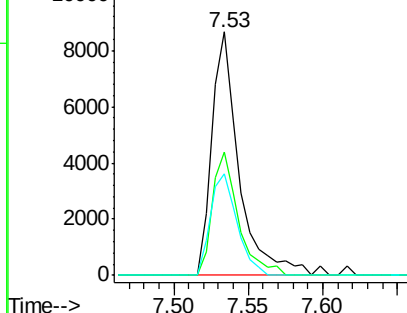
#23
 Nitrobenzene-d5
 Concen: 1.33 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103959.D
 Acq: 27 Mar 2018 7:15

Instrument :
 BNA_F
 ClientSampleId :
 A2_SB43_BOT-SE_5DL

Tgt Ion: 82 Resp: 11049
 Ion Ratio Lower Upper
 82 100
 128 50.5 36.1 54.1
 54 41.6 41.4 62.2

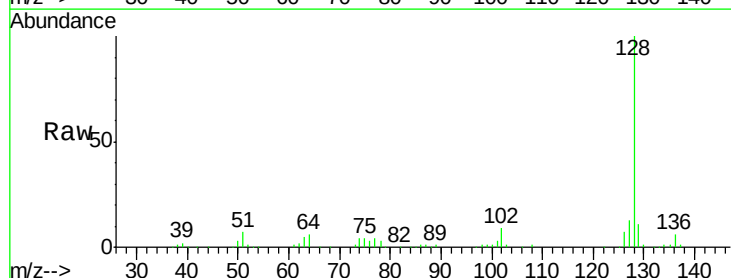


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

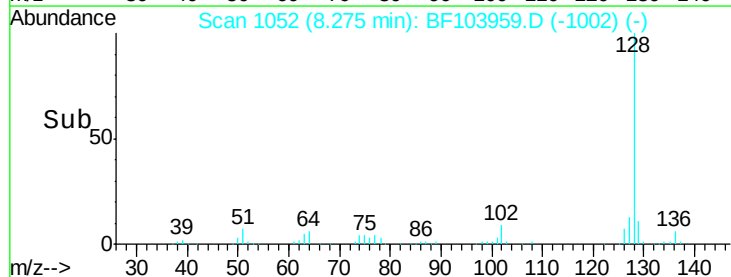
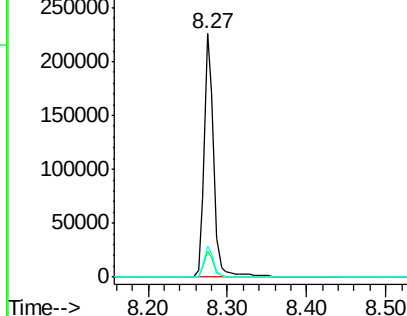


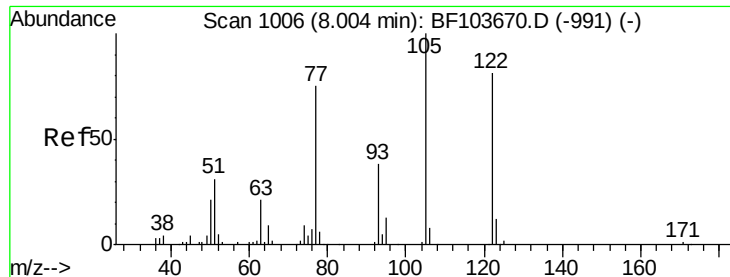
#31
 Naphthalene
 Concen: 6.67 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF103959.D
 Acq: 27 Mar 2018 7:15

Tgt Ion: 128 Resp: 195409
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.8 13.2
 127 12.8 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

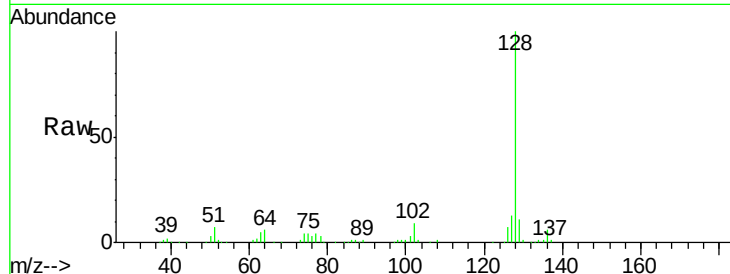




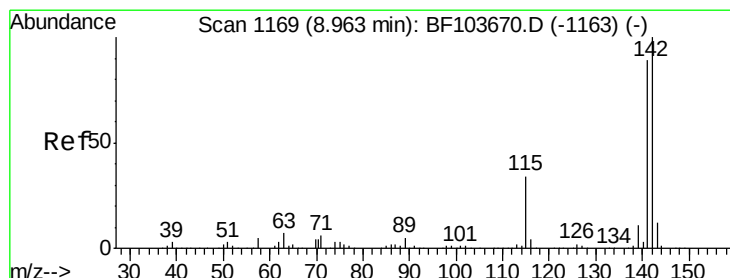
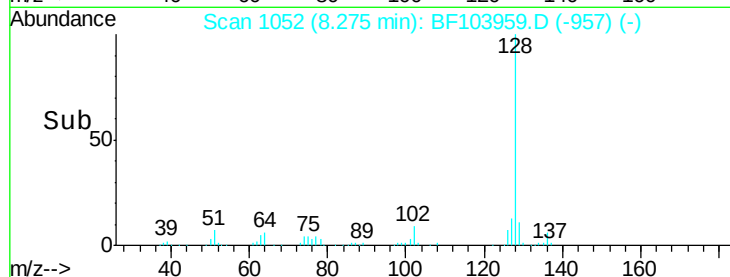
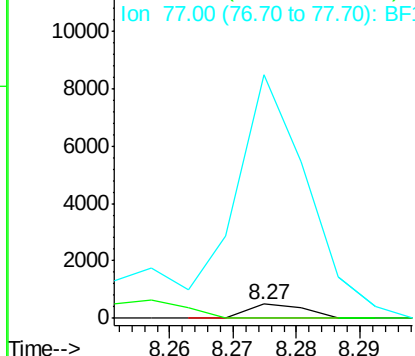
#32
Benzoic acid
Concen: 9.95 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.26 min
Lab File: BF103959.D
Acq: 27 Mar 2018 7:15

Instrument :
BNA_F
ClientSampleId :
A2_SB43_BOT-SE_5DL

Tgt Ion:122 Resp: 305
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 1708.7 70.7 110.7#

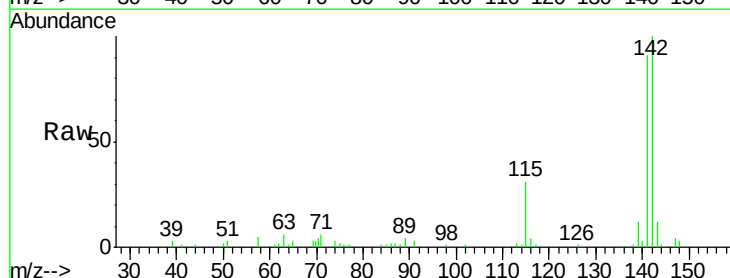


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

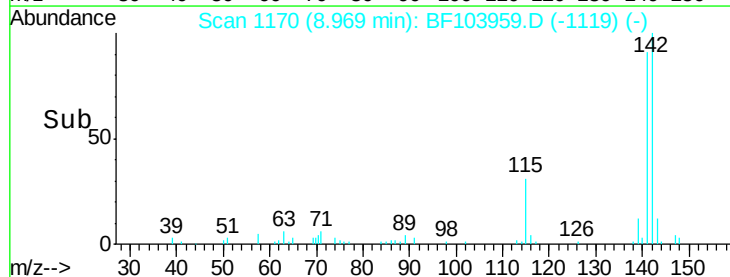
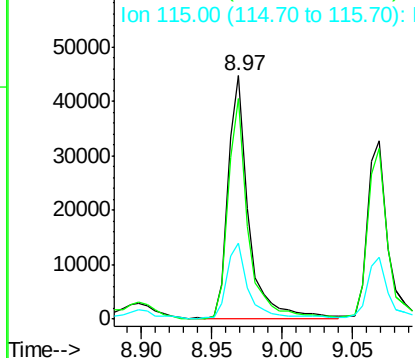


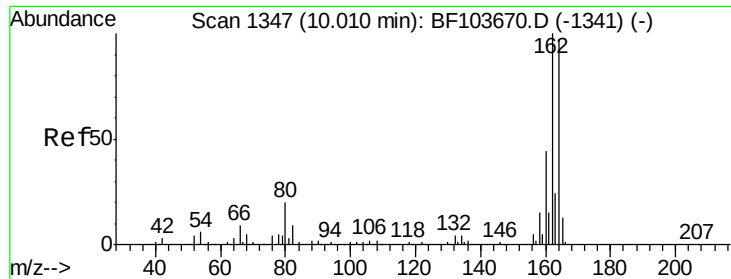
#37
2-Methylnaphthalene
Concen: 2.45 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF103959.D
Acq: 27 Mar 2018 7:15

Tgt Ion:142 Resp: 45585
Ion Ratio Lower Upper
142 100
141 90.6 70.8 106.2
115 31.4 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

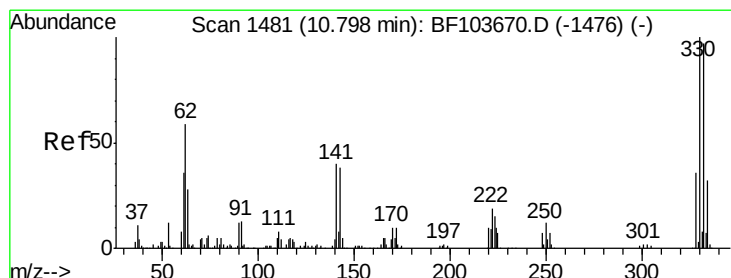
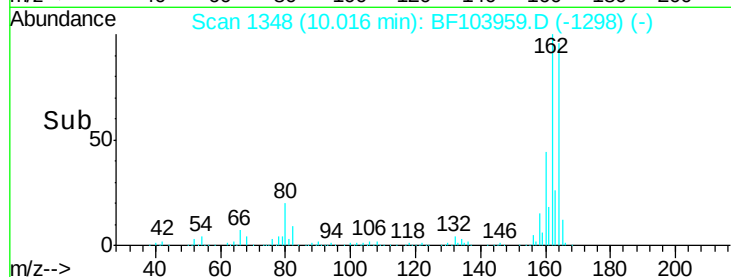
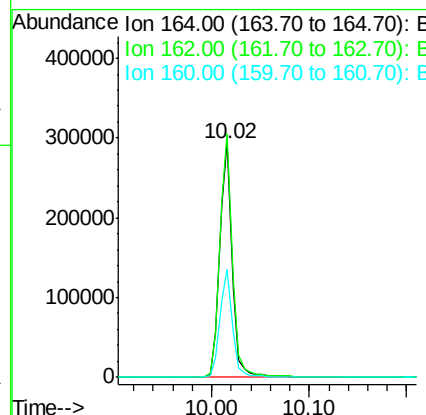
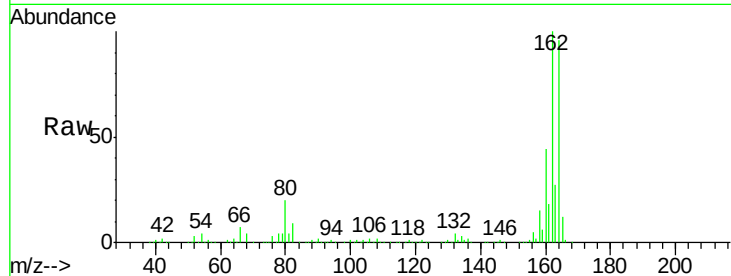




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103959.D
 Acq: 27 Mar 2018 7:15

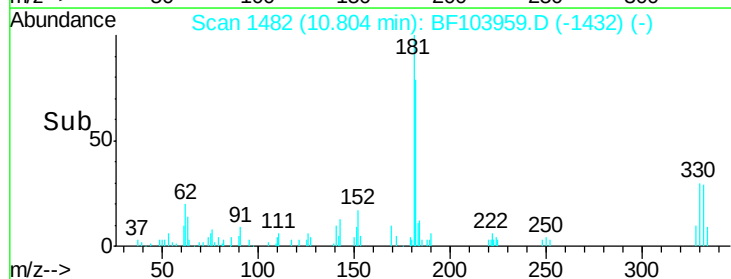
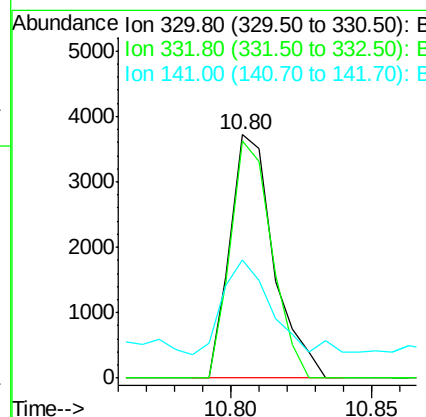
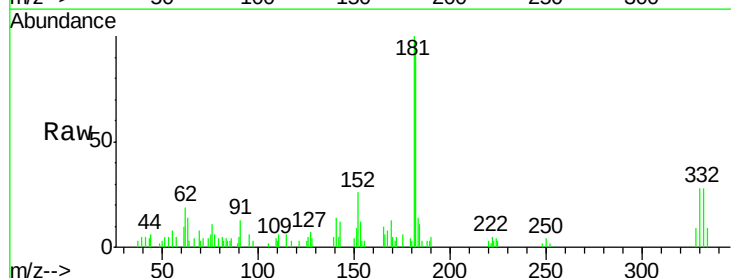
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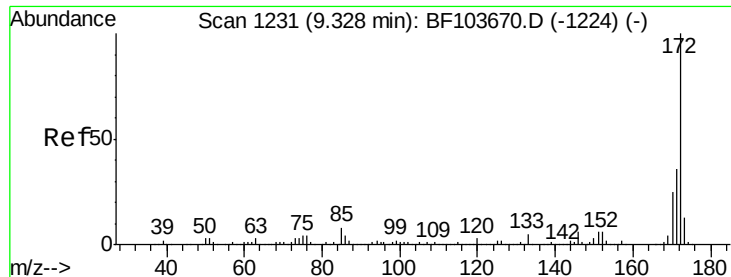
Tgt Ion:164 Resp: 261321
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 45.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 1.79 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103959.D
 Acq: 27 Mar 2018 7:15

Tgt Ion:330 Resp: 4026
 Ion Ratio Lower Upper
 330 100
 332 91.8 77.0 115.6
 141 44.4 29.9 44.9

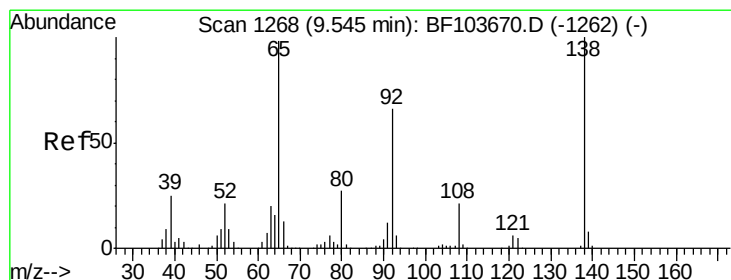
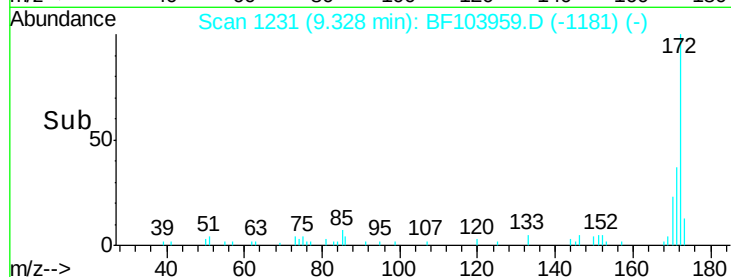
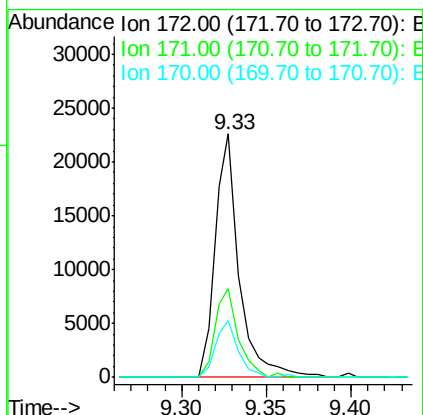
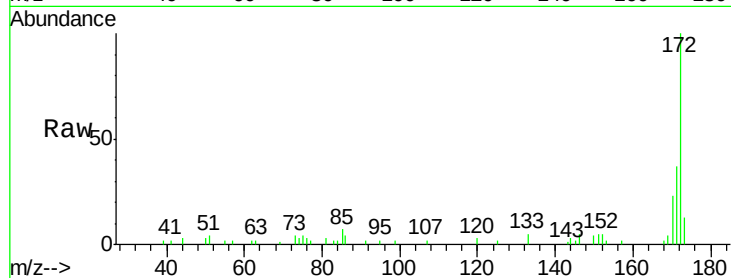




#44
2-Fluorobiphenyl
Concen: 1.37 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103959.D
Acq: 27 Mar 2018 7:15

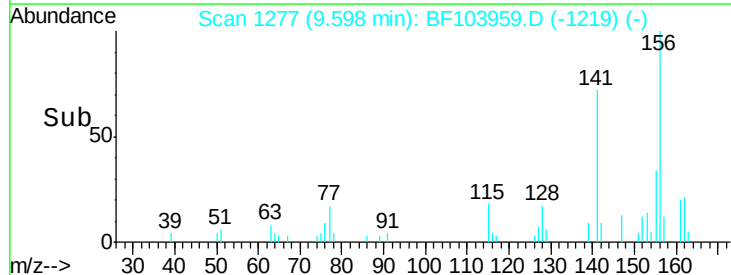
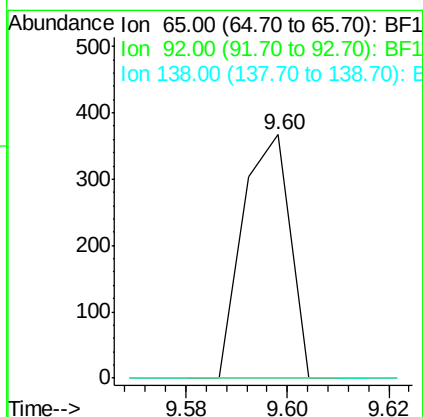
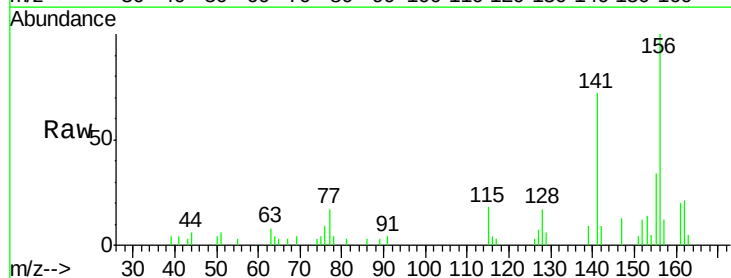
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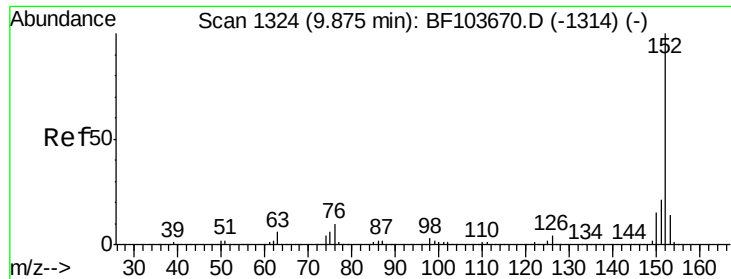
Tgt Ion: 172 Resp: 22411
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 23.4 19.6 29.4



#47
2-Nitroaniline
Concen: 6.86 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.04 min
Lab File: BF103959.D
Acq: 27 Mar 2018 7:15

Tgt Ion: 65 Resp: 237
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#





#48

Acenaphthylene

Concen: 10.85 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF103959.D

Acq: 27 Mar 2018 7:15

Instrument :

BNA_F

ClientSampleId :

A2 SB43 BOT-SE 5DL

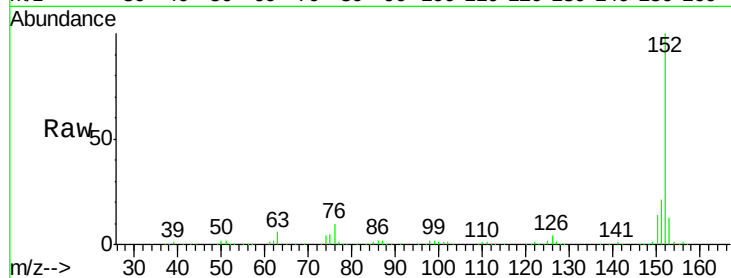
Tgt Ion:152 Resp: 291213

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

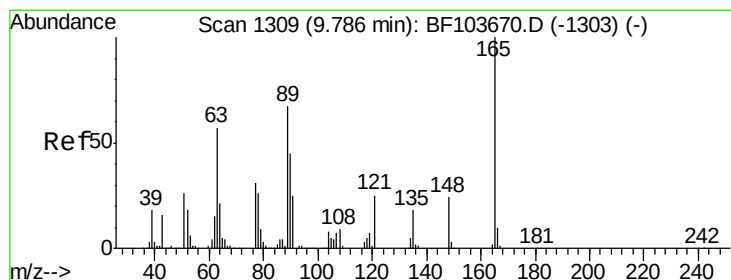
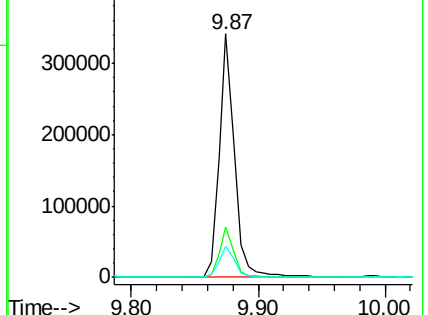
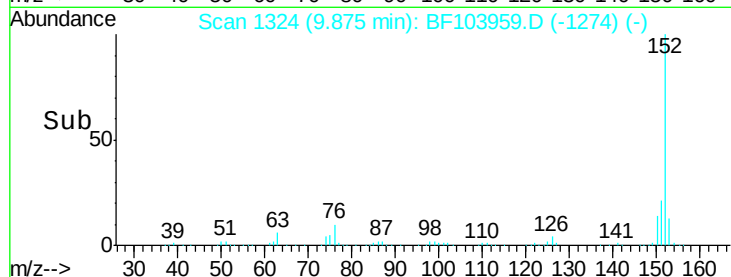
153 13.0 10.7 16.1



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



#50

2,6-Dinitrotoluene

Concen: 12.50 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.22 min

Lab File: BF103959.D

Acq: 27 Mar 2018 7:15

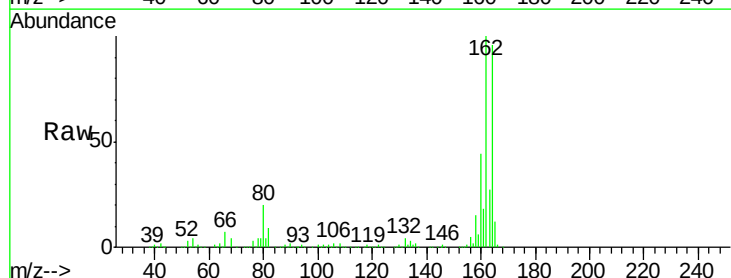
Tgt Ion:165 Resp: 35804

Ion Ratio Lower Upper

165 100

63 1.8 44.7 67.1#

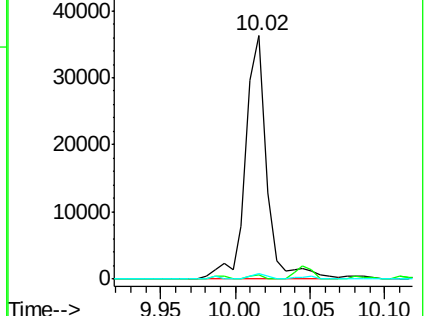
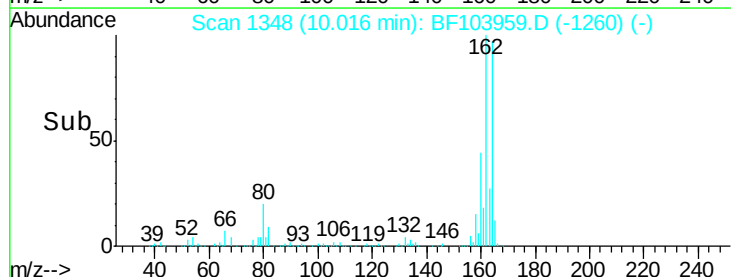
89 2.0 44.0 66.0#

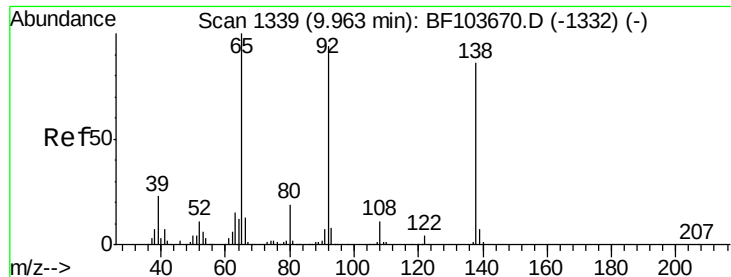


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

3-Nitroaniline

Concen: 3.97 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.25 min

Lab File: BF103959.D

Acq: 27 Mar 2018 7:15

Instrument :

BNA_F

ClientSampleId :

A2 SB43 BOT-SE 5DL

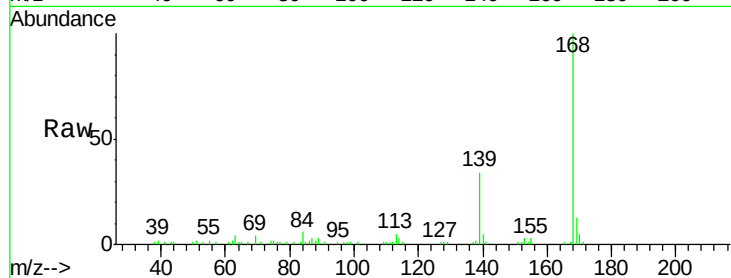
Tgt Ion:138 Resp: 803

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

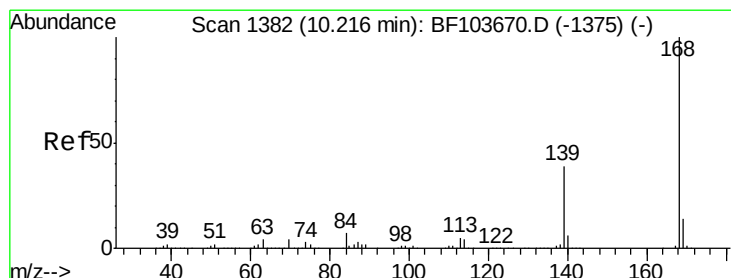
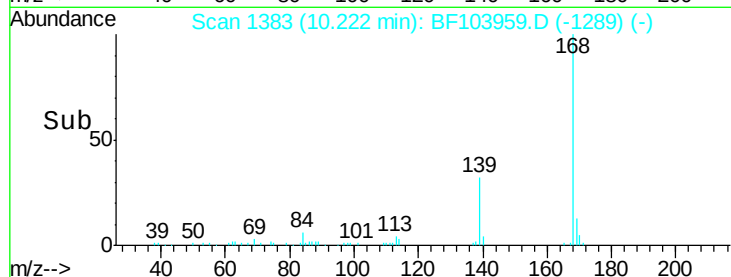
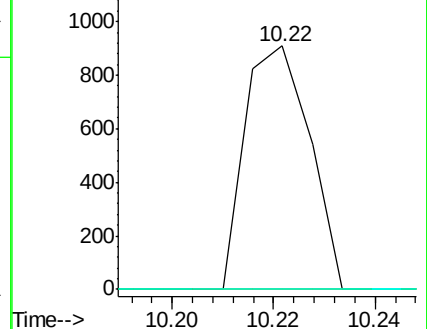
92 0.0 89.4 134.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

Dibenzofuran

Concen: 2.49 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF103959.D

Acq: 27 Mar 2018 7:15

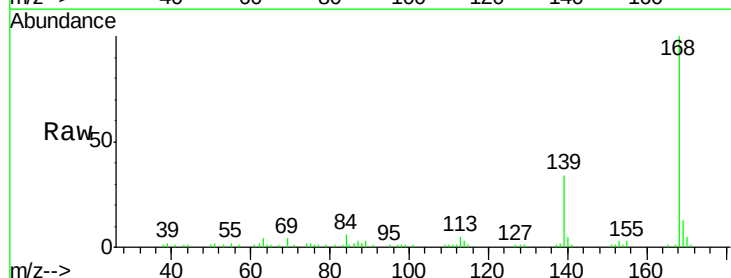
Tgt Ion:168 Resp: 56626

Ion Ratio Lower Upper

168 100

139 34.4 30.1 45.1

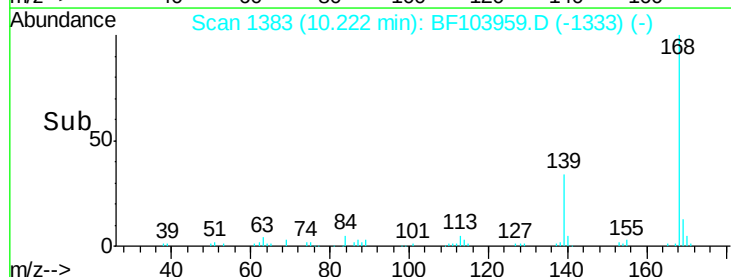
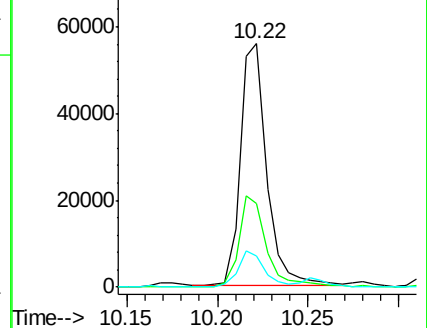
169 12.7 10.9 16.3

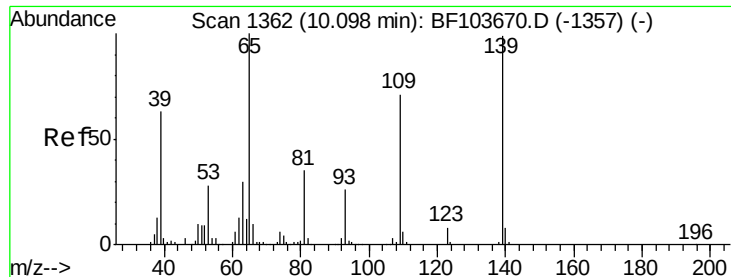


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

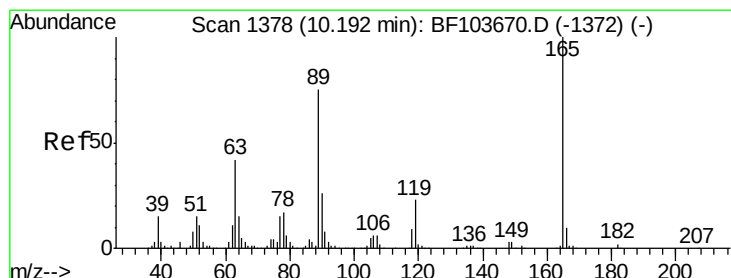
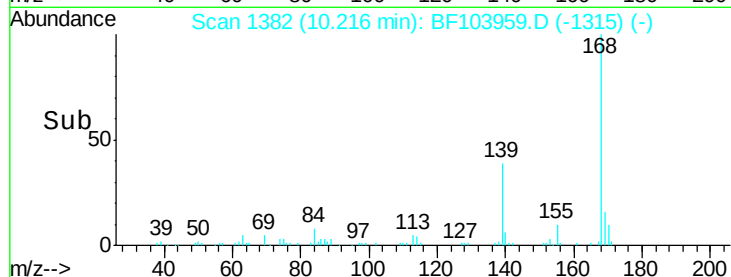
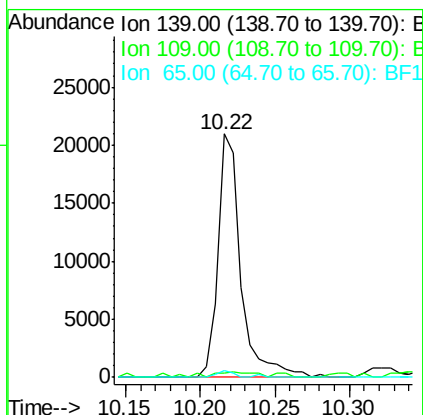
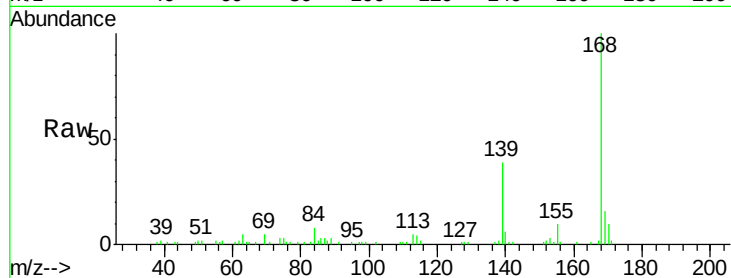




#55
4-Nitrophenol
Concen: 10.78 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.09 min
Lab File: BF103959.D
Acq: 27 Mar 2018 7:15

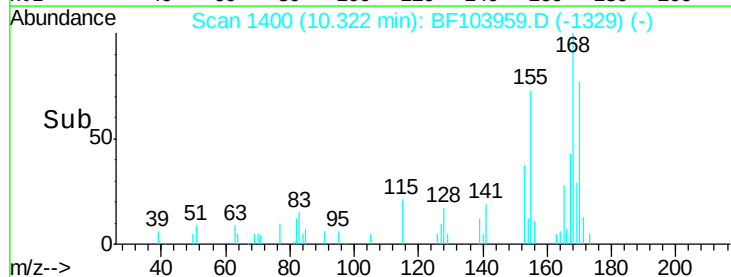
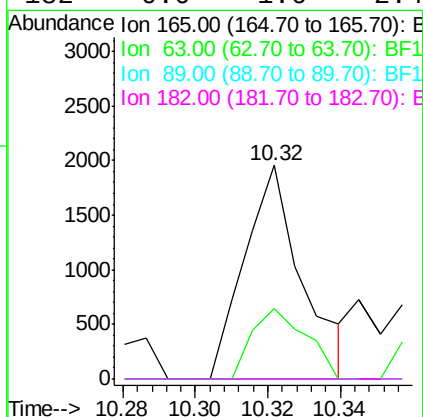
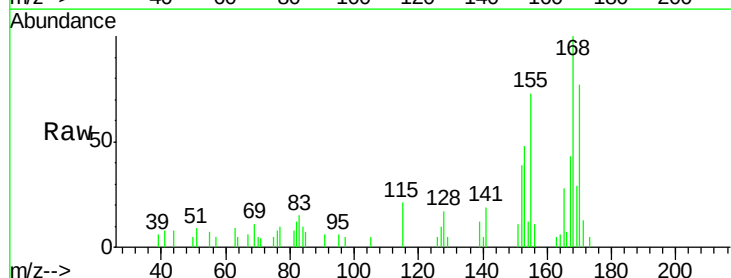
Instrument :
BNA_F
ClientSampleId :
A2_SB43_BOT-SE_5DL

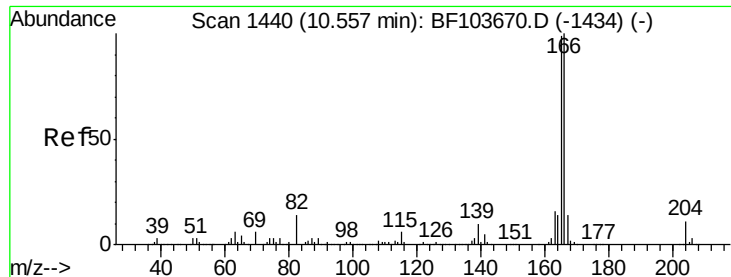
Tgt Ion:139 Resp: 22601
Ion Ratio Lower Upper
139 100
109 1.9 48.4 88.4#
65 2.8 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.12 min
Lab File: BF103959.D
Acq: 27 Mar 2018 7:15

Tgt Ion:165 Resp: 2169
Ion Ratio Lower Upper
165 100
63 32.9 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

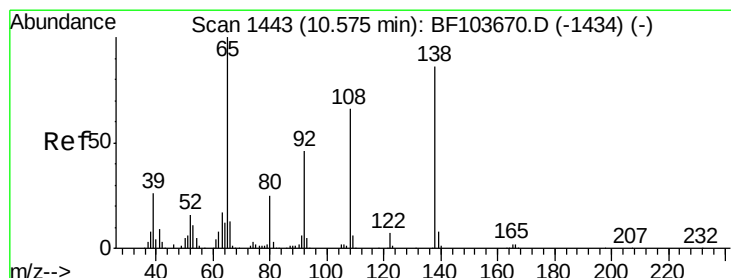
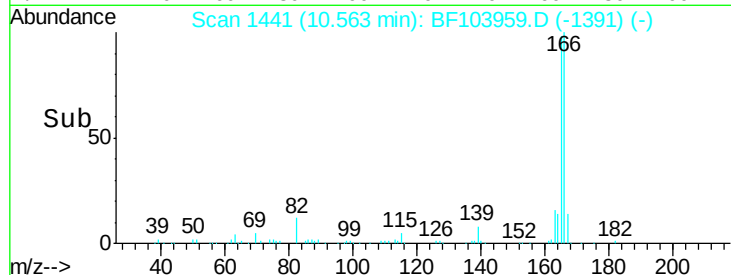
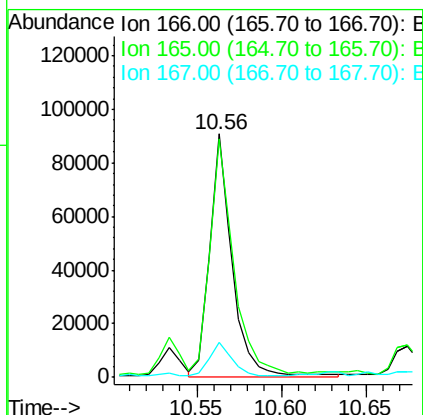
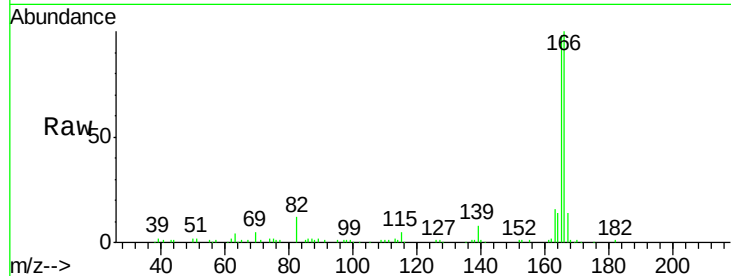




#57
 Fluorene
 Concen: 4.81 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF103959.D
 Acq: 27 Mar 2018 7:15

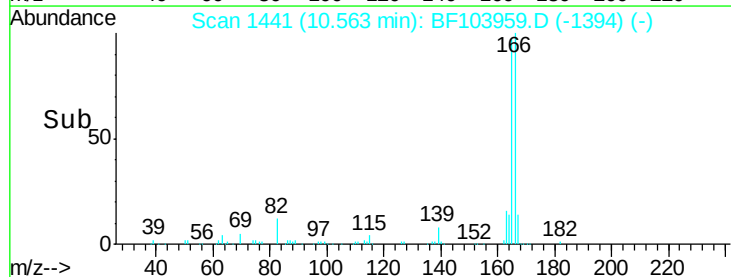
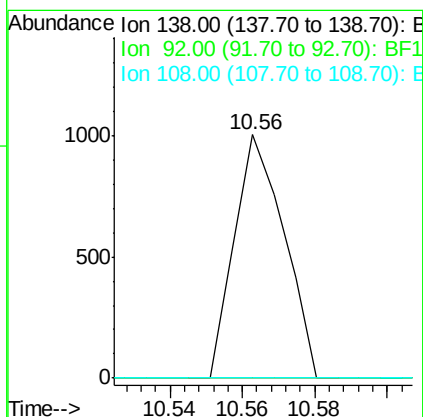
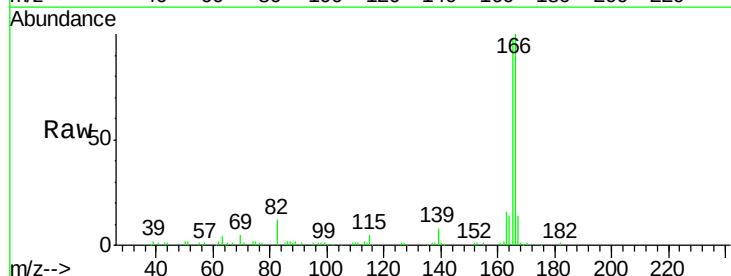
Instrument :
 BNA_F
 ClientSampleId :
 A2_SB43_BOT-SE_5DL

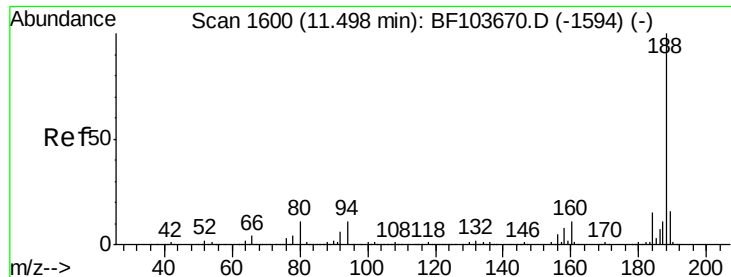
Tgt Ion:166 Resp: 84929
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.8 119.8
 167 14.5 10.6 16.0



#61
 4-Nitroaniline
 Concen: 3.95 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BF103959.D
 Acq: 27 Mar 2018 7:15

Tgt Ion:138 Resp: 953
 Ion Ratio Lower Upper
 138 100
 92 0.0 30.2 70.2#
 108 0.0 52.5 92.5#

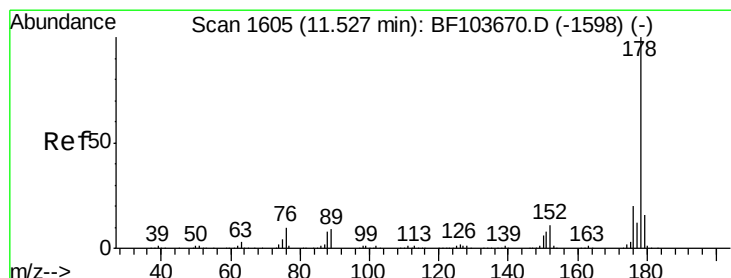
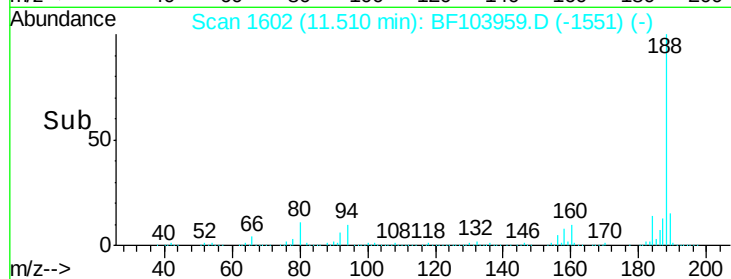
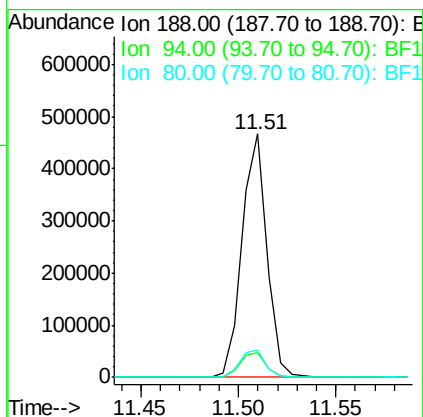
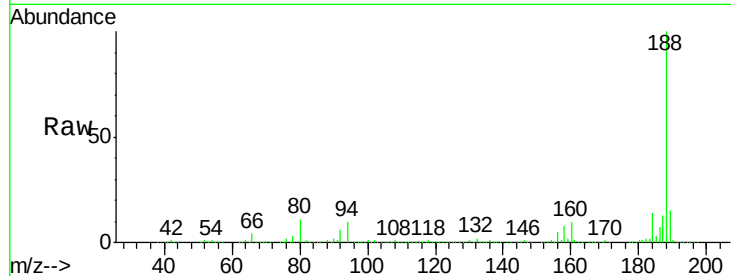




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF103959.D
Acq: 27 Mar 2018 7:15

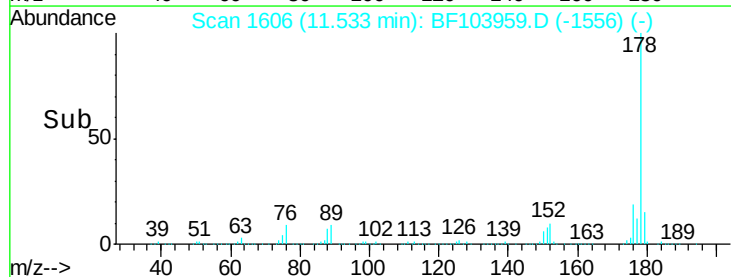
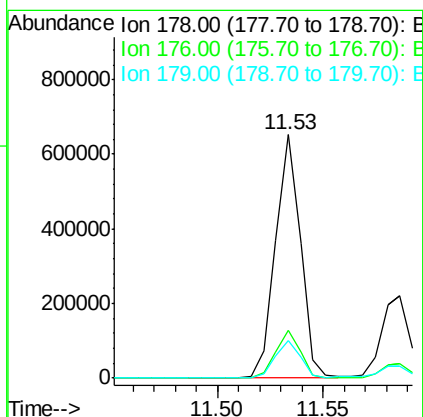
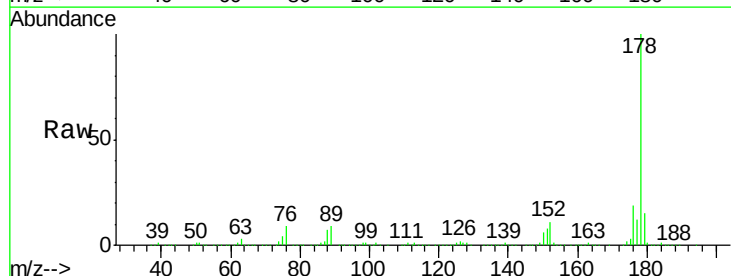
Instrument :
BNA_F
ClientSampleId :
A2_SB43_BOT-SE_5DL

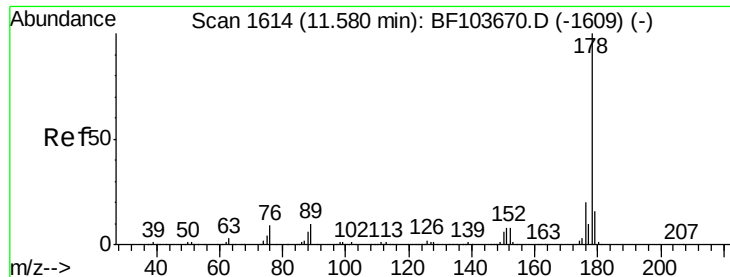
Tgt Ion:188 Resp: 411577
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.1 9.2 13.8



#70
Phenanthrene
Concen: 23.85 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF103959.D
Acq: 27 Mar 2018 7:15

Tgt Ion:178 Resp: 537045
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.5 13.0 19.6

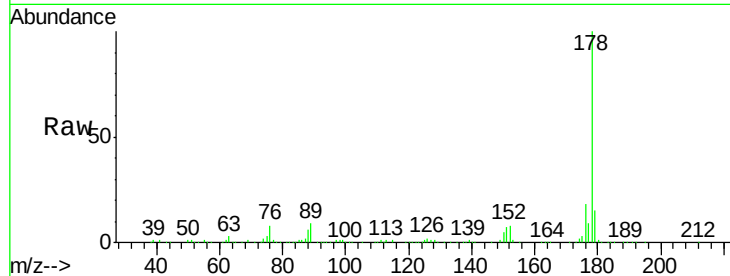




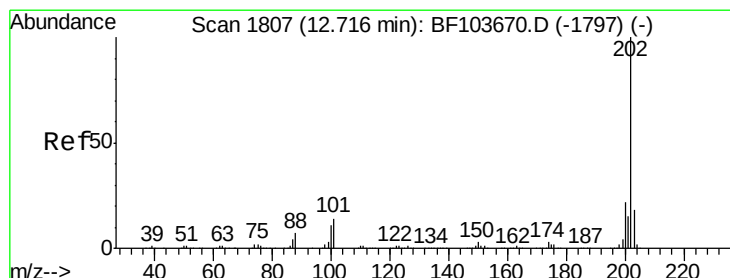
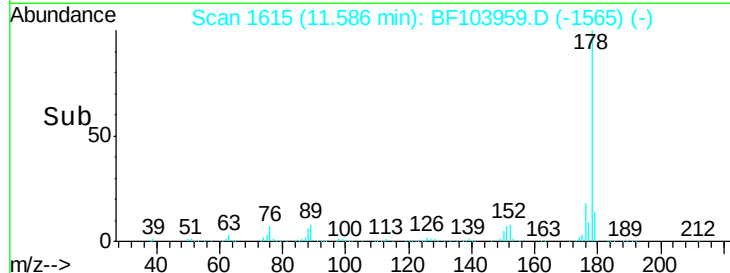
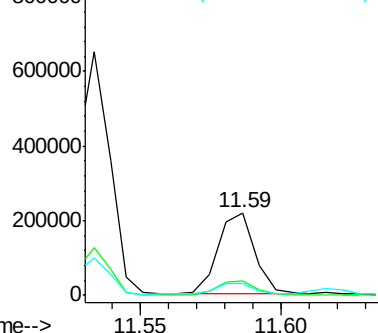
#71
 Anthracene
 Concen: 8.62 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF103959.D
 Acq: 27 Mar 2018 7:15

Instrument :
 BNA_F
 ClientSampleId :
 A2 SB43 BOT-SE 5DL

Tgt Ion:178 Resp: 197047
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.4 23.2
 179 14.7 12.6 19.0

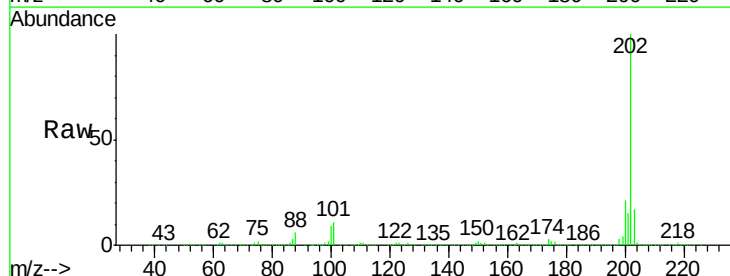


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

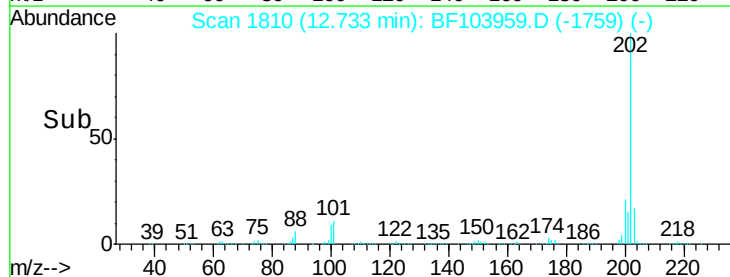
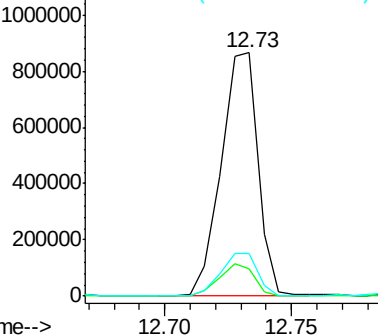


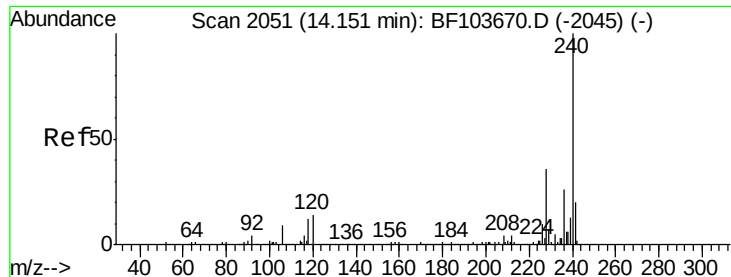
#74
 Fluoranthene
 Concen: 37.88 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BF103959.D
 Acq: 27 Mar 2018 7:15

Tgt Ion:202 Resp: 878647
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 34.1
 203 17.3 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: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF103959.D

Acq: 27 Mar 2018 7:15

Instrument :

BNA_F

ClientSampleId :

A2 SB43 BOT-SE 5DL

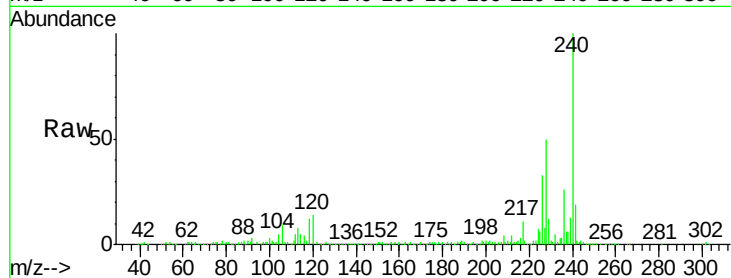
Tgt Ion:240 Resp: 270310

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

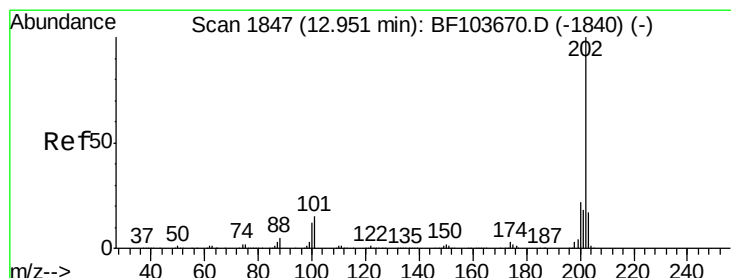
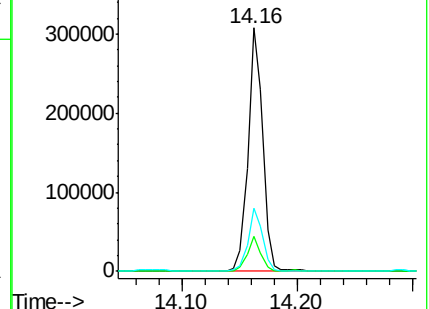
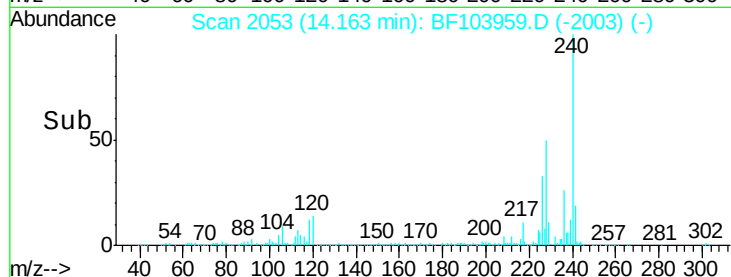
236 25.9 20.7 31.1



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: 44.07 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF103959.D

Acq: 27 Mar 2018 7:15

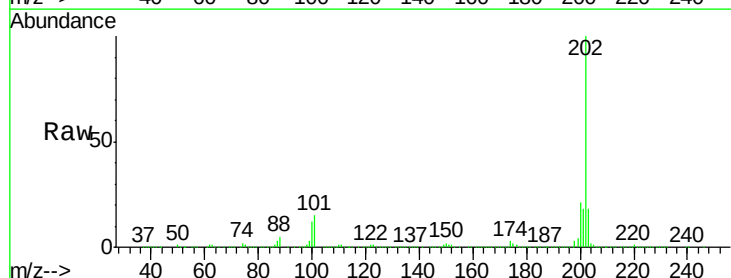
Tgt Ion:202 Resp: 874873

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

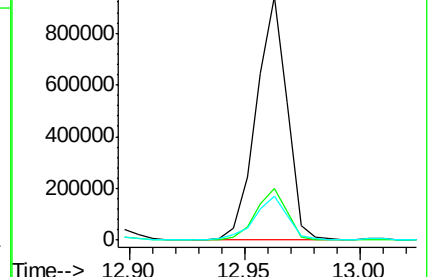
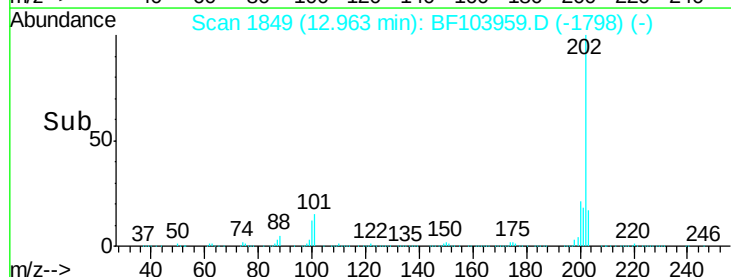
203 18.0 14.3 21.5

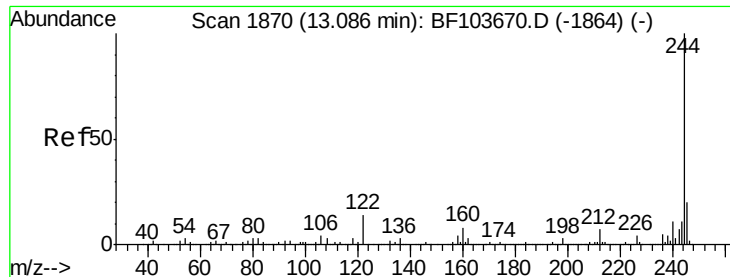


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 1.60 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF103959.D

Acq: 27 Mar 2018 7:15

Instrument :

BNA_F

ClientSampleId :

A2 SB43 BOT-SE 5DL

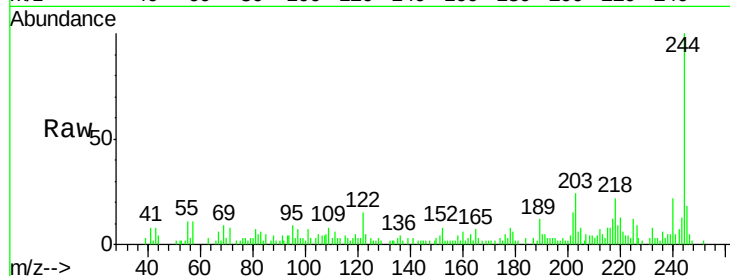
Tgt Ion:244 Resp: 18673

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

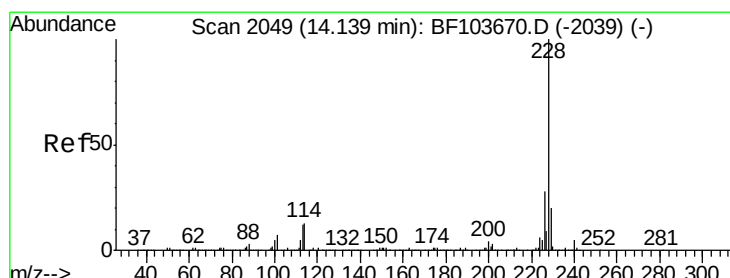
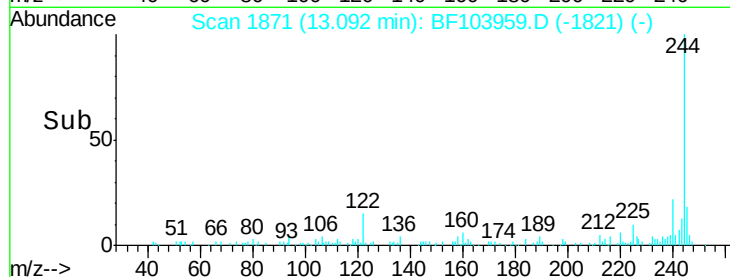
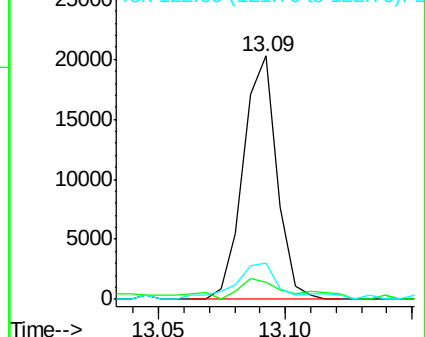
122 14.9 11.0 16.4



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: 26.60 ng

RT: 14.19 min Scan# 2058

Delta R.T. 0.04 min

Lab File: BF103959.D

Acq: 27 Mar 2018 7:15

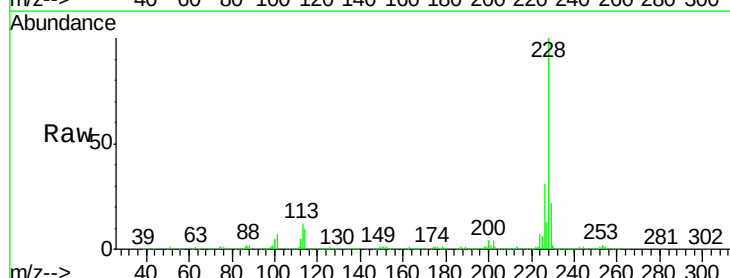
Tgt Ion:228 Resp: 455096

Ion Ratio Lower Upper

228 100

226 31.4 22.6 33.8

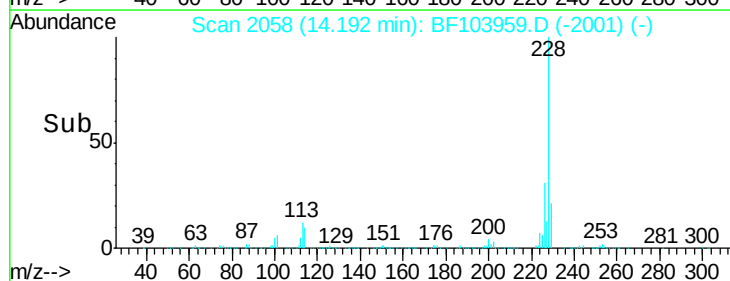
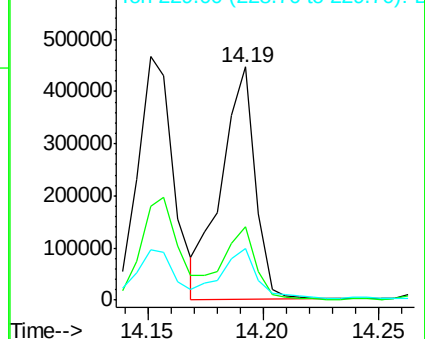
229 22.0 15.8 23.6

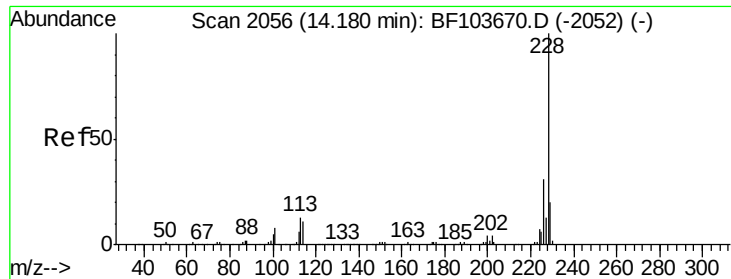


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 27.90 ng

RT: 14.19 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF103959.D

Acq: 27 Mar 2018 7:15

Instrument :

BNA_F

ClientSampleId :

A2 SB43 BOT-SE 5DL

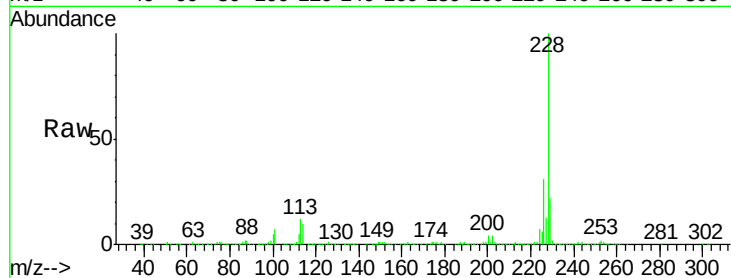
Tgt Ion:228 Resp: 455096

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

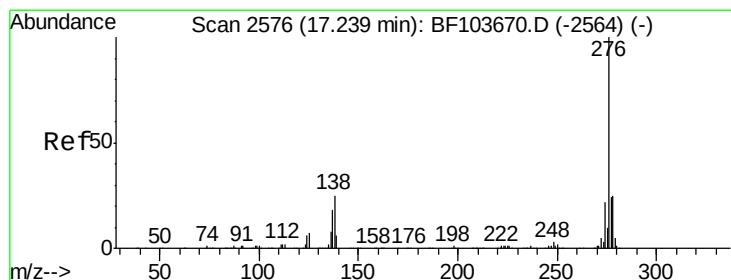
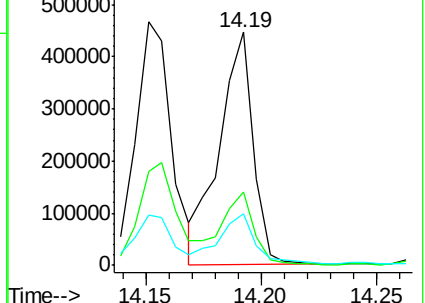
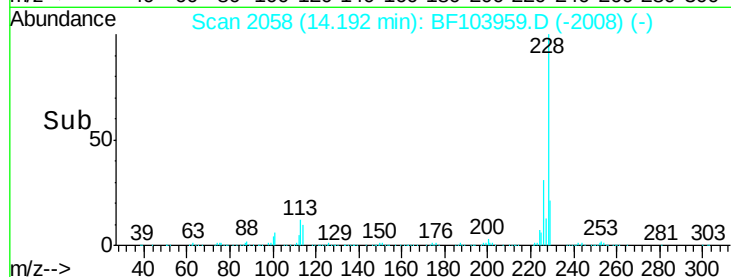
229 22.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 22.09 ng

RT: 17.29 min Scan# 2585

Delta R.T. -0.01 min

Lab File: BF103959.D

Acq: 27 Mar 2018 7:15

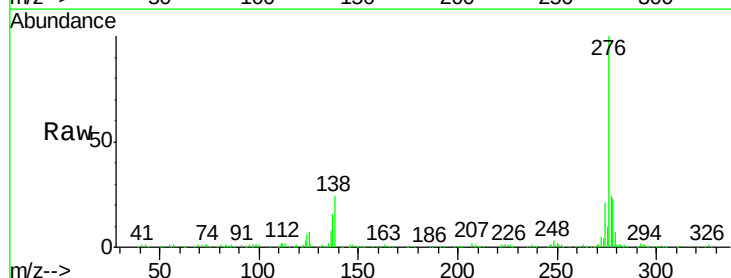
Tgt Ion:276 Resp: 314686

Ion Ratio Lower Upper

276 100

138 23.6 25.0 37.6#

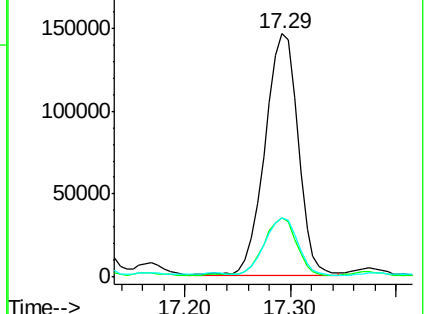
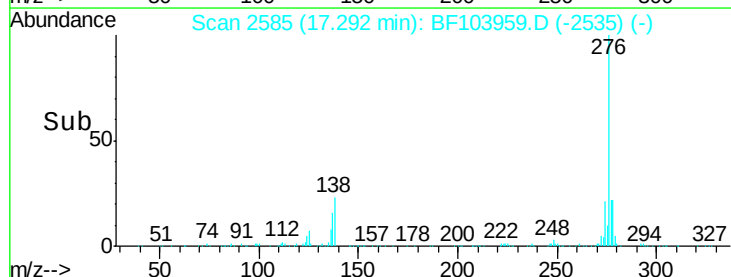
277 23.9 20.1 30.1

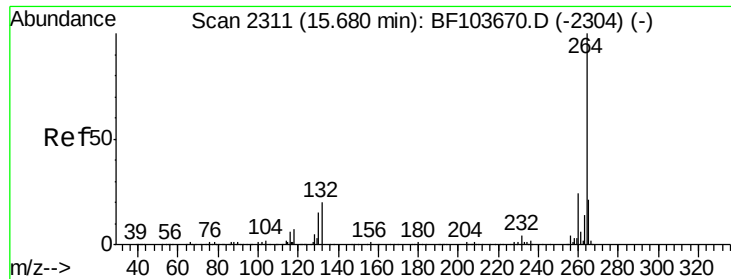


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

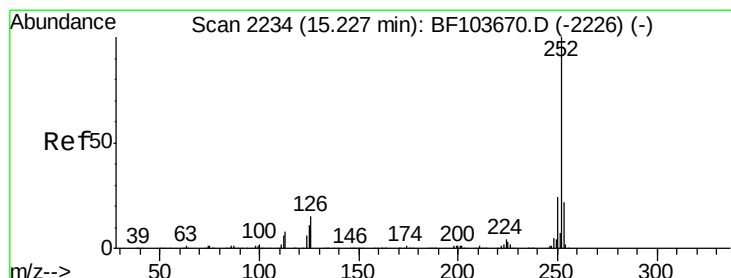
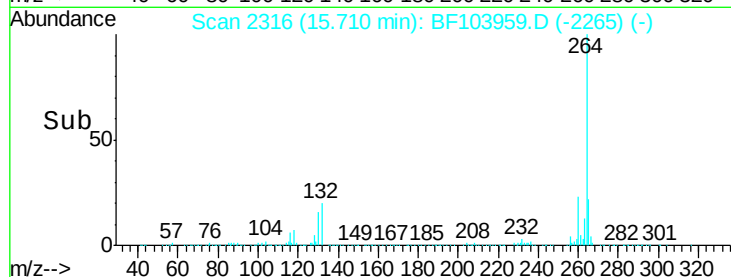
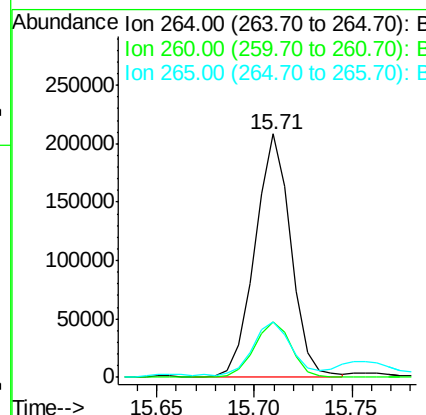
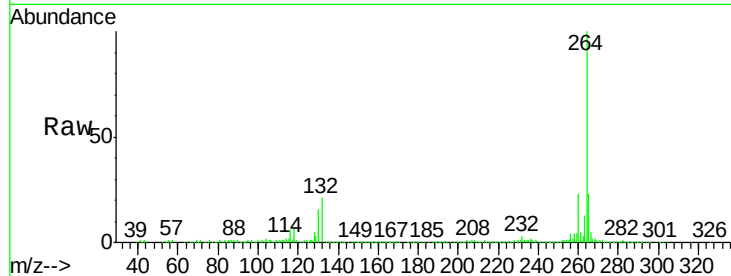




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.71 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BF103959.D
Acq: 27 Mar 2018 7:15

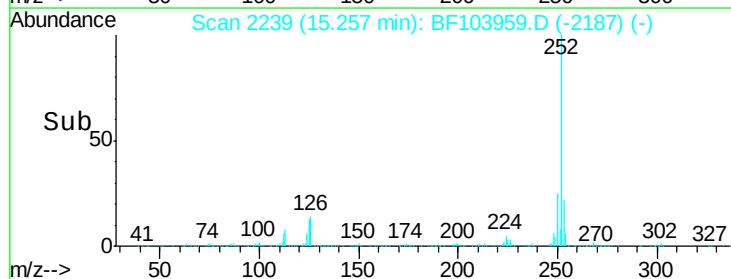
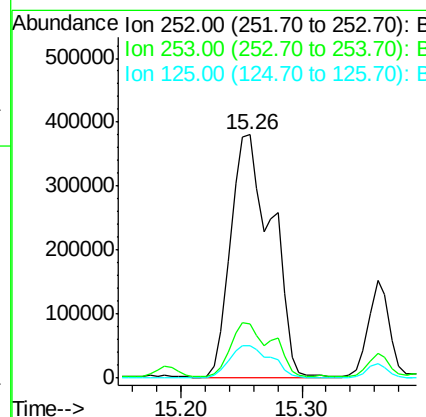
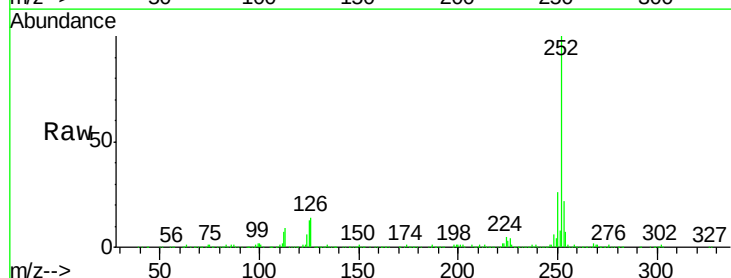
Instrument :
BNA_F
ClientSampleId :
A2 SB43 BOT-SE 5DL

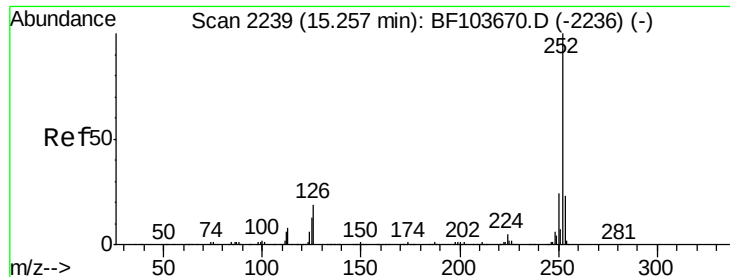
Tgt Ion:264 Resp: 263074
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 22.6 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 54.01 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF103959.D
Acq: 27 Mar 2018 7:15

Tgt Ion:252 Resp: 897696
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.3 9.0 13.6





#88

Benzo(k)fluoranthene

Concen: 56.19 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BF103959.D

Acq: 27 Mar 2018 7:15

Instrument :

BNA_F

ClientSampleId :

A2 SB43 BOT-SE 5DL

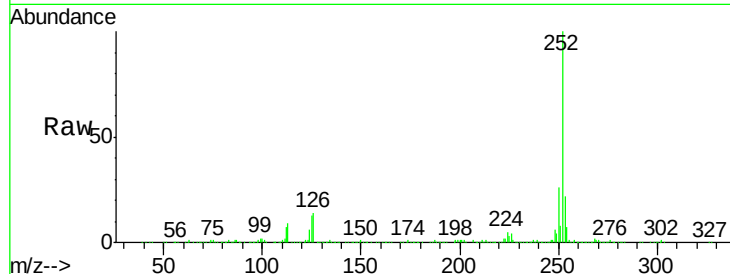
Tgt Ion:252 Resp: 897696

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

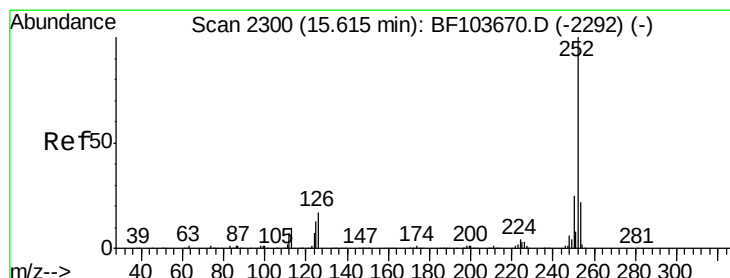
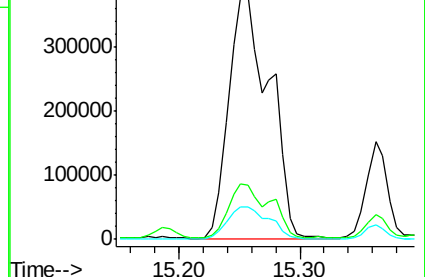
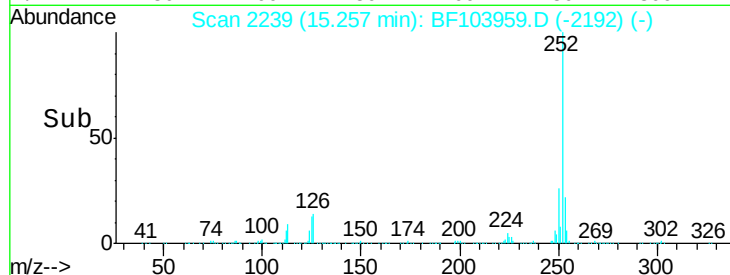
125 13.3 10.2 15.2



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



#89

Benzo(a)pyrene

Concen: 35.15 ng

RT: 15.64 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BF103959.D

Acq: 27 Mar 2018 7:15

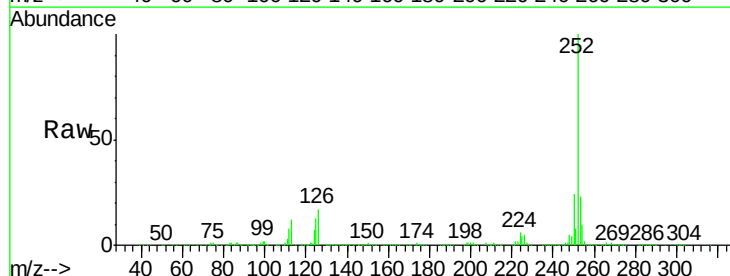
Tgt Ion:252 Resp: 529821

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

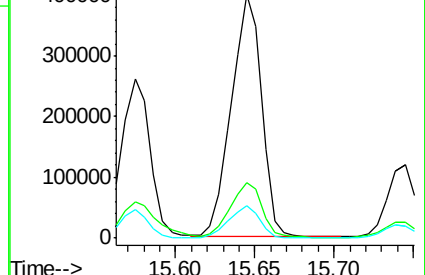
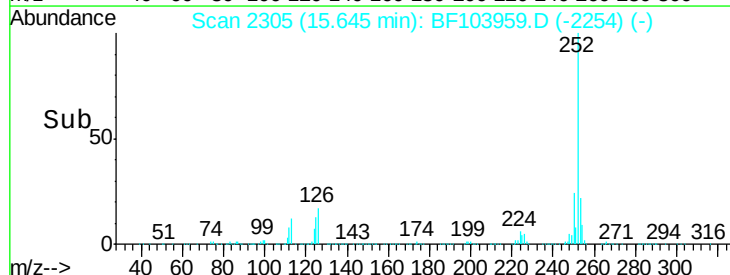
125 13.4 9.8 14.6

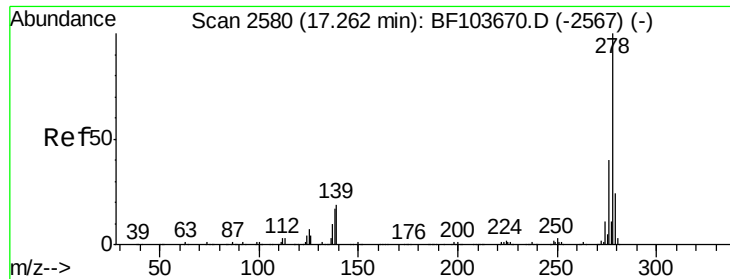


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 5.38 ng

RT: 17.48 min Scan# 2617

Delta R.T. 0.16 min

Lab File: BF103959.D

Acq: 27 Mar 2018 7:15

Instrument :

BNA_F

ClientSampleId :

A2 SB43 BOT-SE 5DL

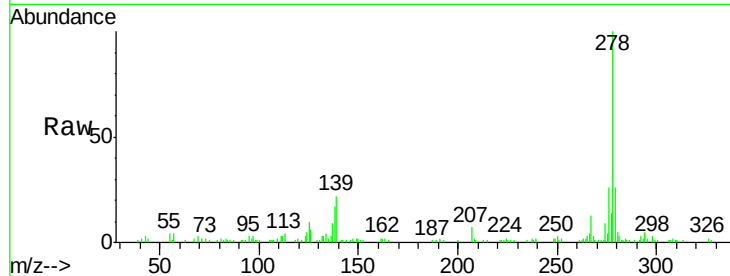
Tgt Ion:278 Resp: 70212

Ion Ratio Lower Upper

278 100

139 21.9 15.9 23.9

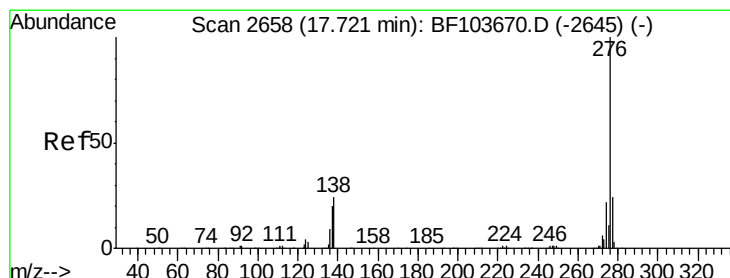
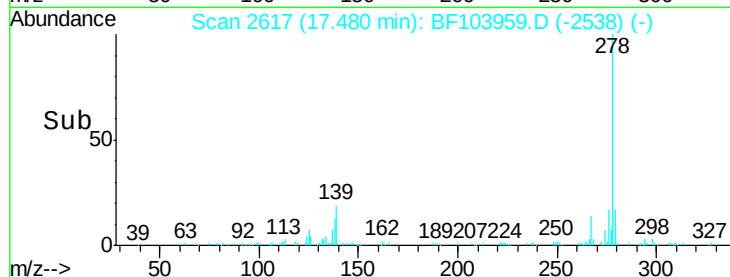
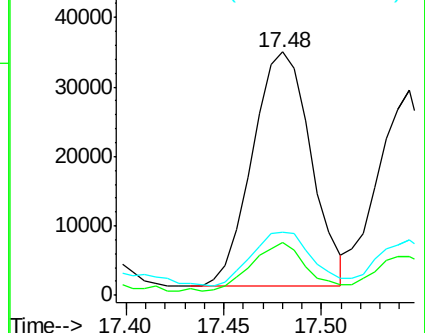
279 25.8 19.0 28.4



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: 23.14 ng

RT: 17.78 min Scan# 2668

Delta R.T. 0.00 min

Lab File: BF103959.D

Acq: 27 Mar 2018 7:15

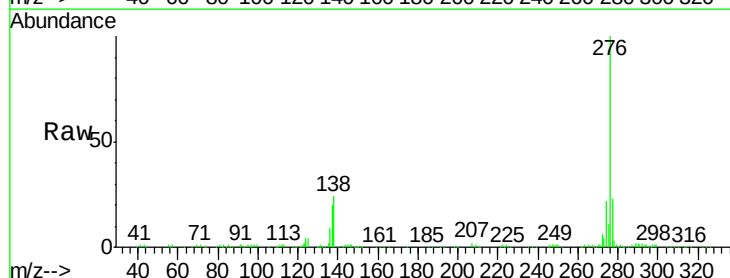
Tgt Ion:276 Resp: 293894

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 23.8 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

