

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF011518\
 Data File : BF102067.D
 Acq On : 15 Jan 2018 17:14
 Operator : SJ/JU
 Sample : J1134-04 20X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2-SB34-BOT

Quant Time: Jan 15 17:44:25 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	206323	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	828008	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	356553	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	581390	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	280471	20.00	ng	-0.01
86) Perylene-d12	15.29	264	350877	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	15226	1.04	ng	-0.01
7) Phenol-d6	6.34	99	19693	1.13	ng	-0.02
23) Nitrobenzene-d5	7.27	82	12042	0.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	3448	1.11	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	22741	1.00	ng	-0.02
78) Terphenyl-d14	12.82	244	19282	1.43	ng	-0.02

Target Compounds

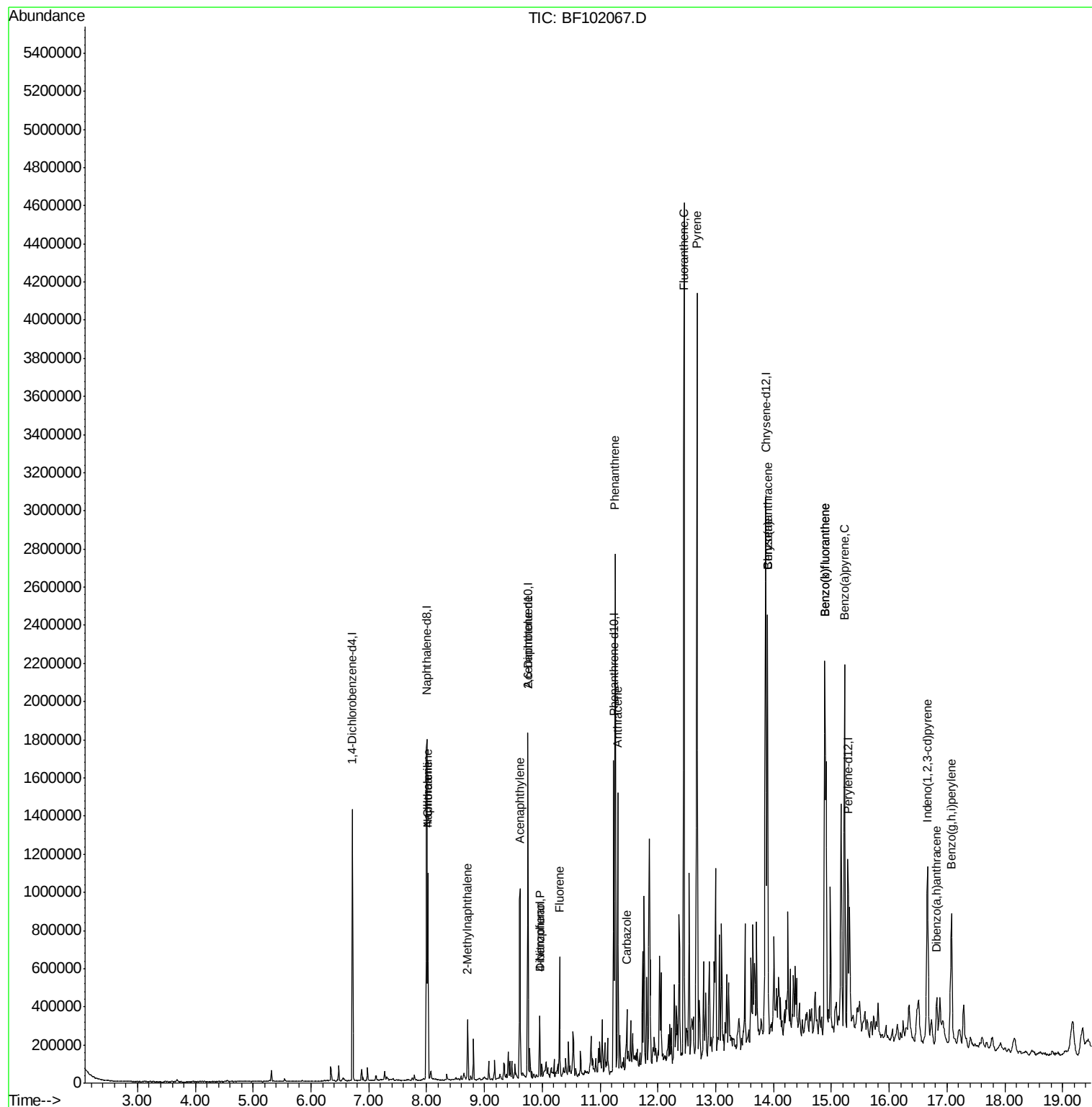
						Qvalue
31) Naphthalene	8.02	128	408950	9.884	ng	99
33) 4-Chloroaniline	8.02	127	53088	3.006	ng	# 33
37) 2-Methylnaphthalene	8.71	142	80751	2.965	ng	99
48) Acenaphthylene	9.62	152	410313	10.579	ng	99
50) 2,6-Dinitrotoluene	9.75	165	49205	8.612	ng	# 26
54) Dibenzofuran	9.96	168	101131	3.130	ng	99
55) 4-Nitrophenol	9.96	139	38587	7.181	ng	# 10
57) Fluorene	10.30	166	150282	6.729	ng	100
70) Phenanthrene	11.26	178	998737	29.408	ng	99
71) Anthracene	11.31	178	493205	14.320	ng	99
72) Carbazole	11.46	167	106996	3.161	ng	99
74) Fluoranthene	12.45	202	2055980	61.532	ng	99
77) Pyrene	12.68	202	1703932	68.729	ng	99
80) Benzo(a)anthracene	13.90	228	841238	47.010	ng	94
82) Chrysene	13.90	228	841238	45.084	ng	98
85) Indeno(1,2,3-cd)pyrene	16.66	276	570430	42.002	ng	98
87) Benzo(b)fluoranthene	14.89	252	1547590	67.644	ng	# 96
88) Benzo(k)fluoranthene	14.89	252	1547590	70.122	ng	98
89) Benzo(a)pyrene	15.23	252	823405	39.996	ng	97
90) Dibenzo(a,h)anthracene	16.82	278	148724	9.052	ng	96
91) Benzo(g,h,i)perylene	17.08	276	507325	30.655	ng	96

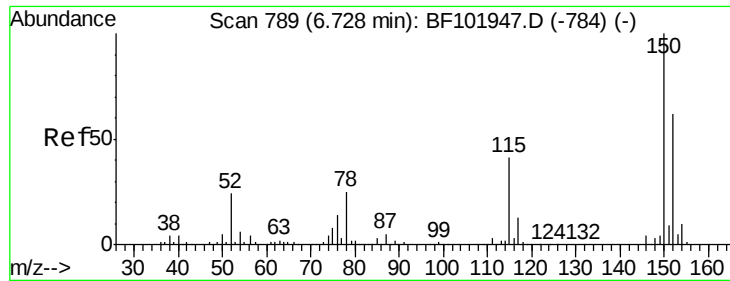
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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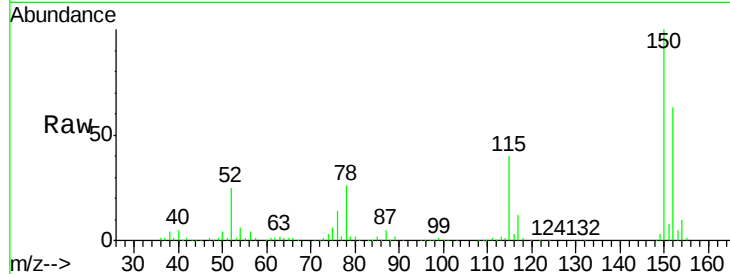


#1

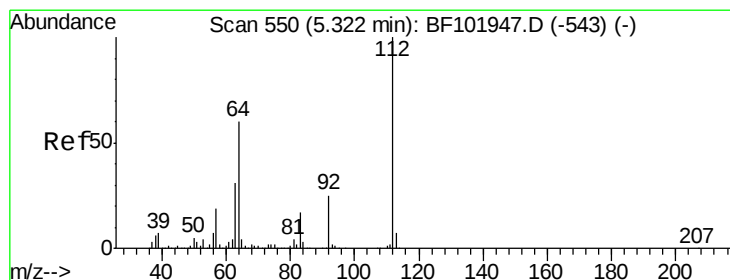
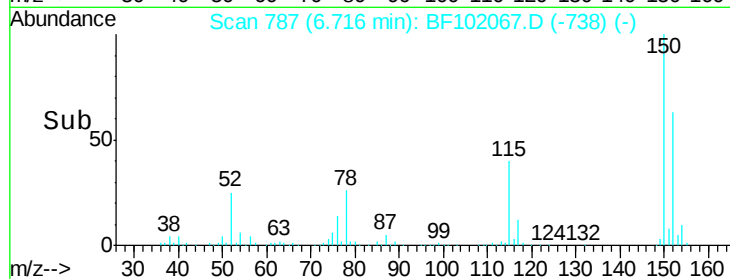
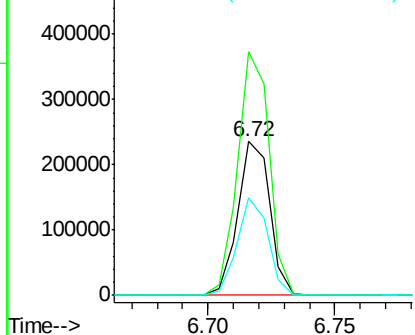
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:152 Resp: 206323
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 63.4 50.1 75.1



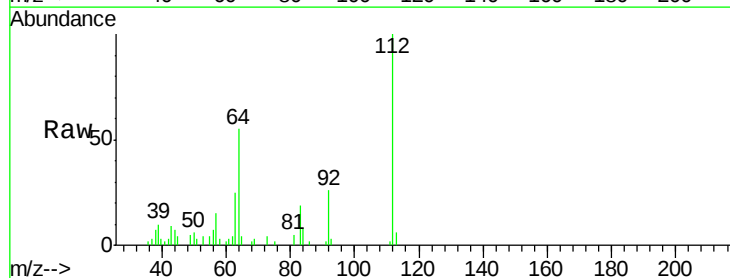
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



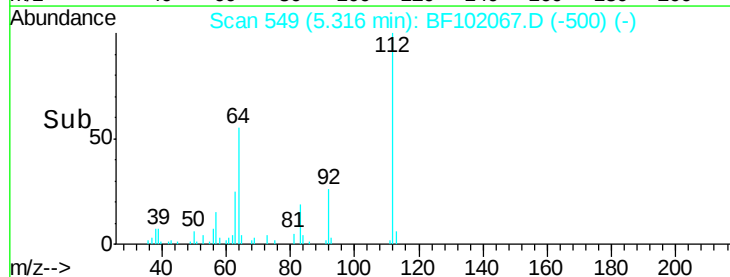
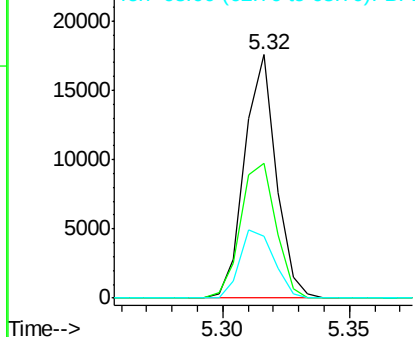
#5

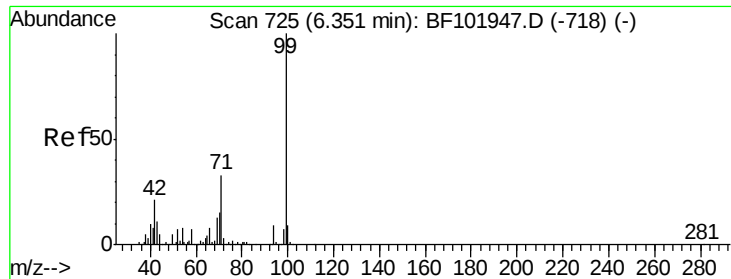
2-Fluorophenol
Concen: 1.042 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:112 Resp: 15226
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 25.4 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: 1.130 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF102067.D

Acq: 15 Jan 2018 17:14

Instrument :

BNA_F

ClientSampleId :

A2-SB34-BOT

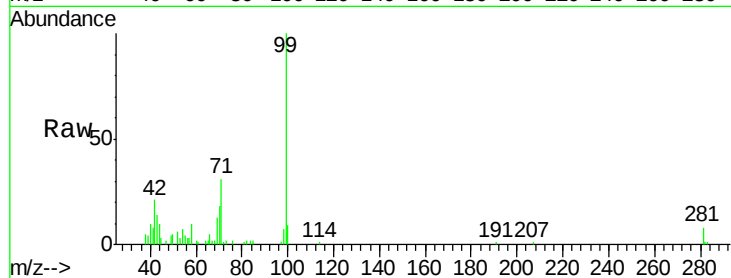
Tgt Ion: 99 Resp: 19693

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

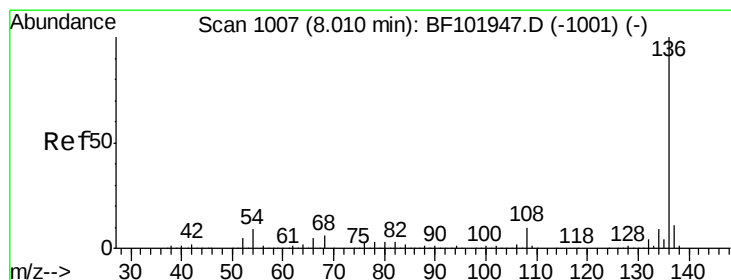
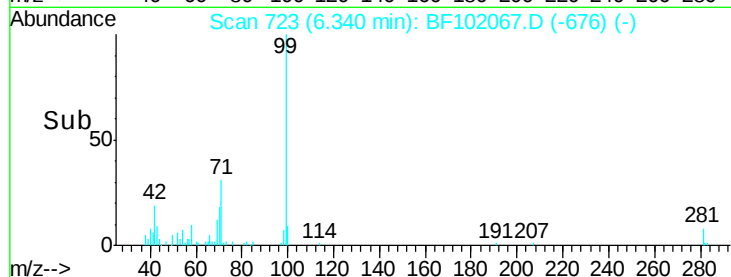
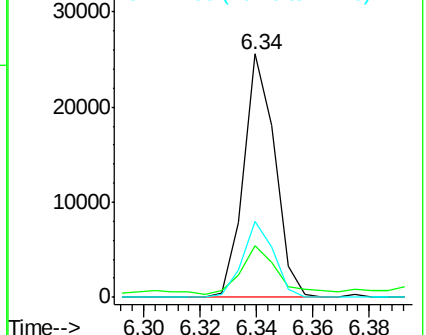
71 31.2 25.4 38.0



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: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102067.D

Acq: 15 Jan 2018 17:14

Tgt Ion: 136 Resp: 828008

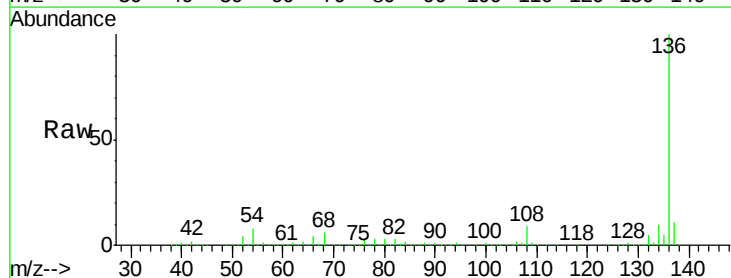
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.6 6.6 9.8

68 5.8 5.0 7.4

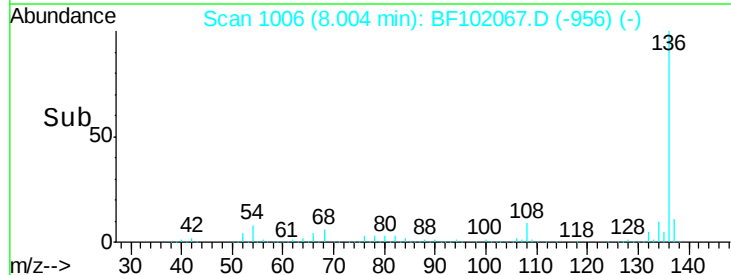
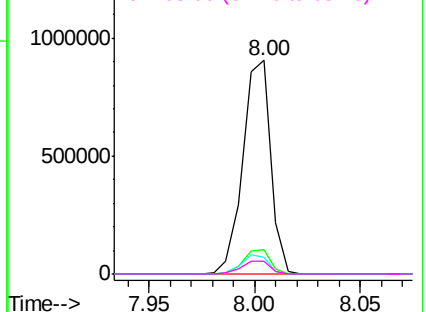


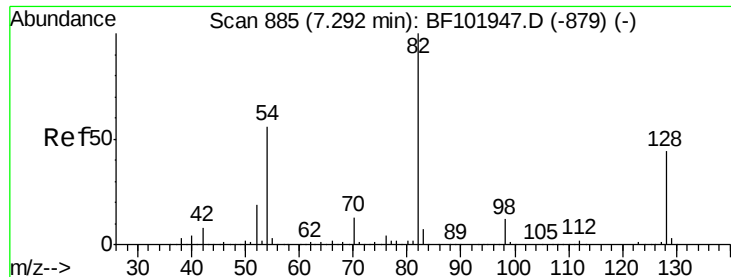
Abundance Ion 136.00 (135.70 to 136.70): E

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

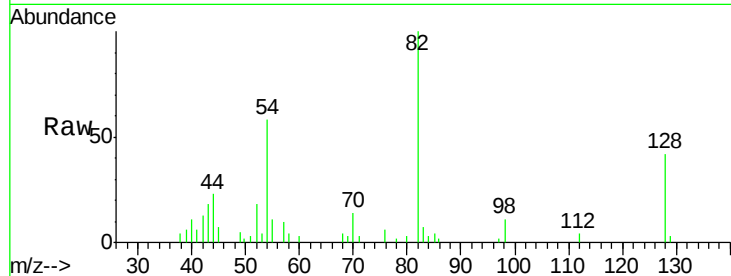




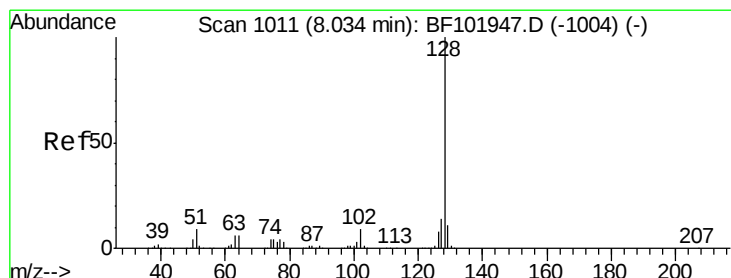
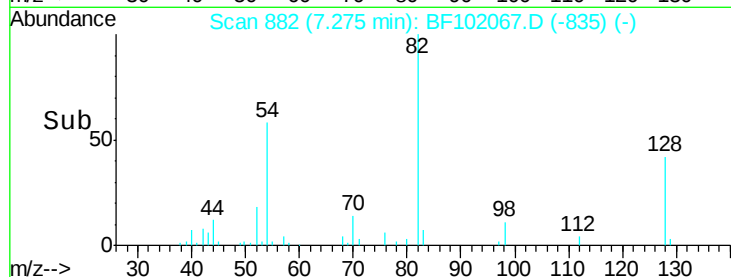
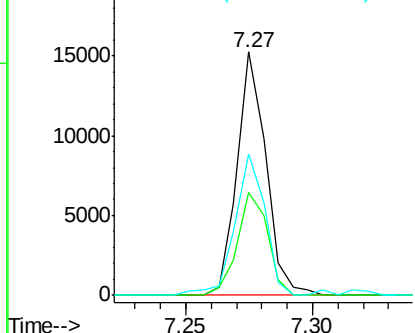
#23
 Nitrobenzene-d5
 Concen: 0.855 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF102067.D
 Acq: 15 Jan 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 A2-SB34-BOT

Tgt Ion: 82 Resp: 12042
 Ion Ratio Lower Upper
 82 100
 128 42.4 36.1 54.1
 54 58.1 41.4 62.2

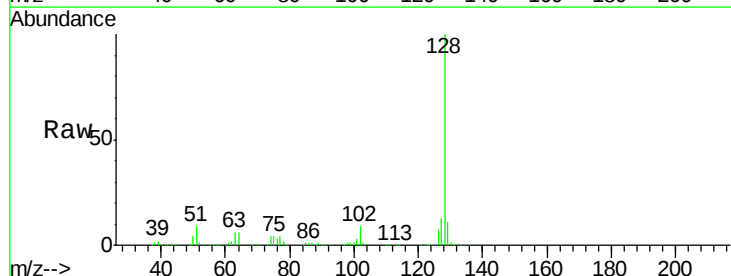


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

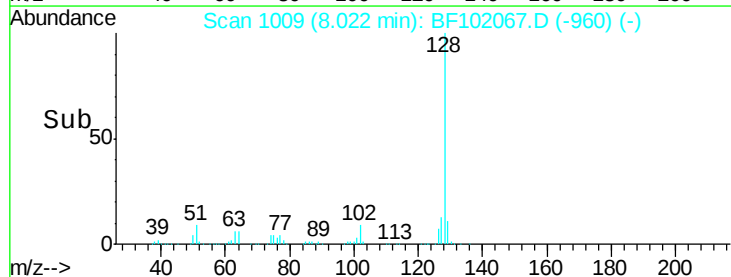
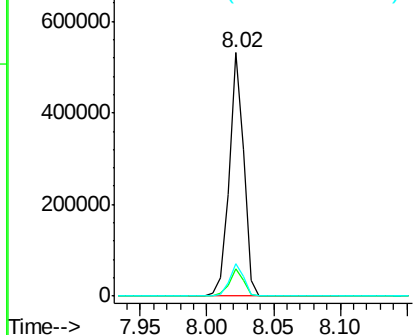


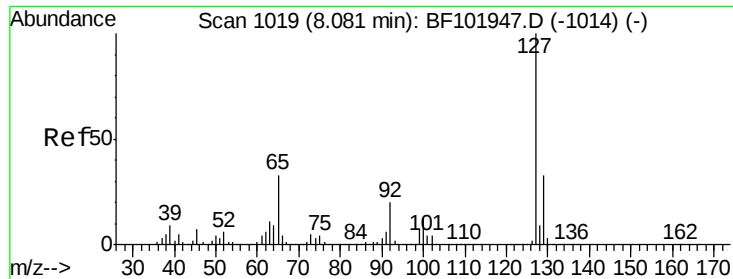
#31
 Naphthalene
 Concen: 9.884 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF102067.D
 Acq: 15 Jan 2018 17:14

Tgt Ion: 128 Resp: 408950
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.8 13.2
 127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
 Ion 129.00 (128.70 to 129.70): BF1
 Ion 127.00 (126.70 to 127.70): BF1

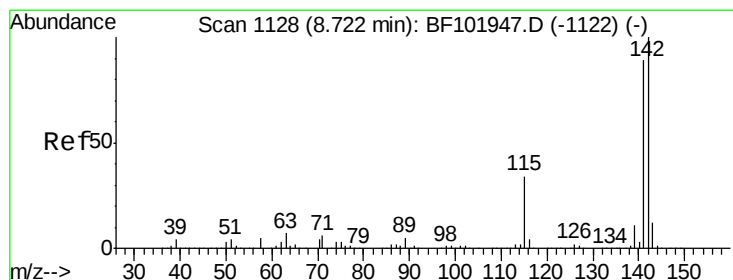
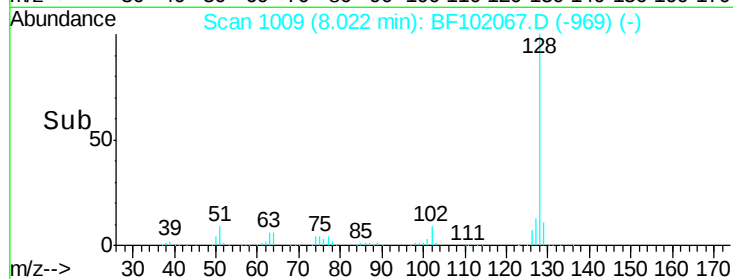
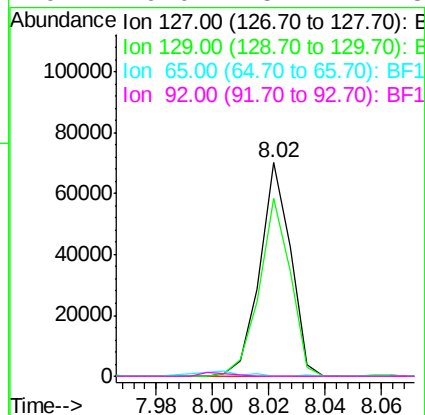
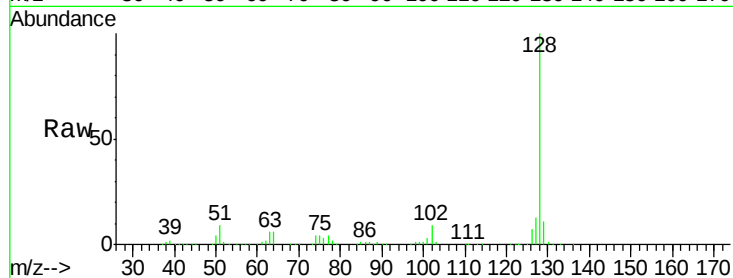




#33
4-Chloroaniline
Concen: 3.006 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

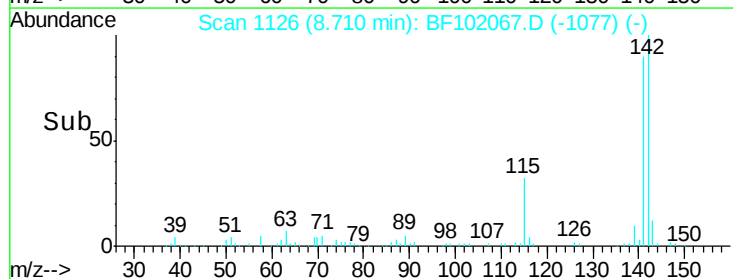
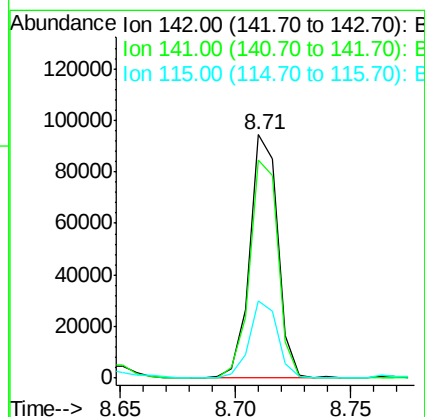
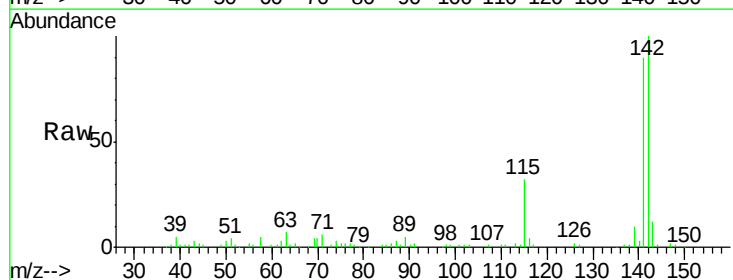
Instrument :
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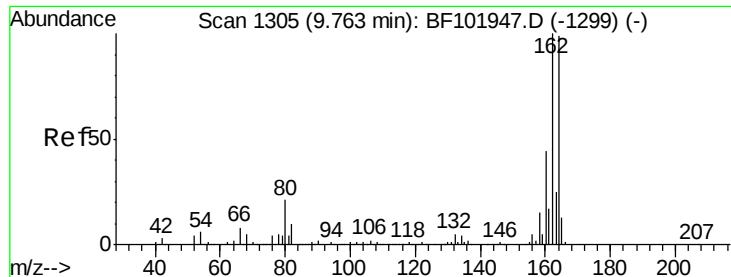
Tgt Ion:	127	Resp:	53088
Ion	Ratio	Lower	Upper
127	100		
129	83.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 2.965 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:	142	Resp:	80751
Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	31.5	26.1	39.1

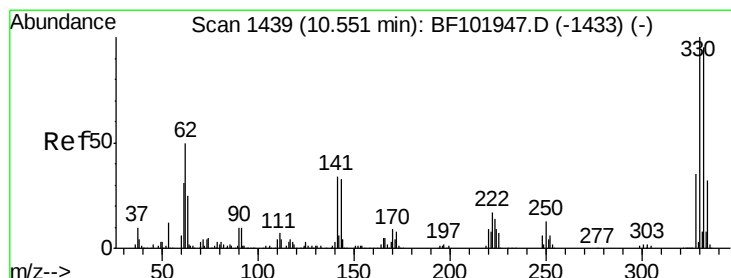
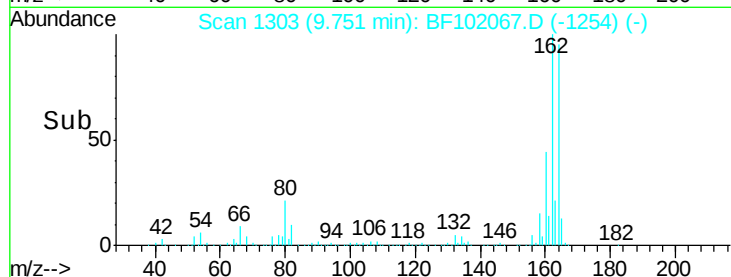
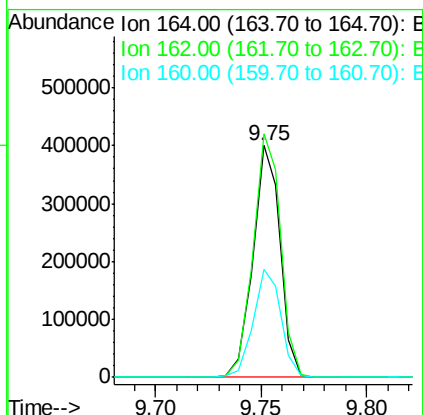
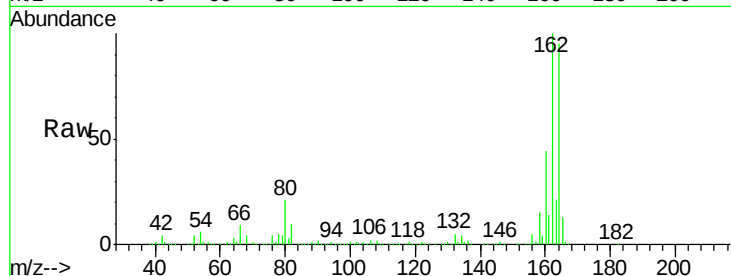




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102067.D
 Acq: 15 Jan 2018 17:14

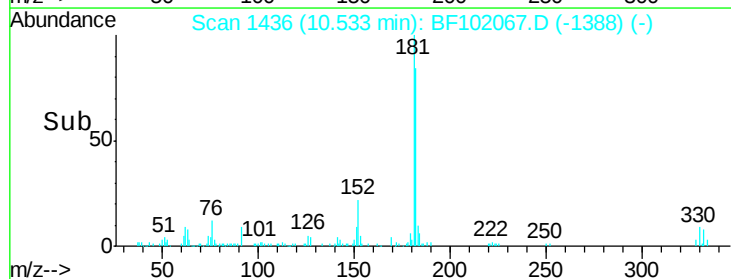
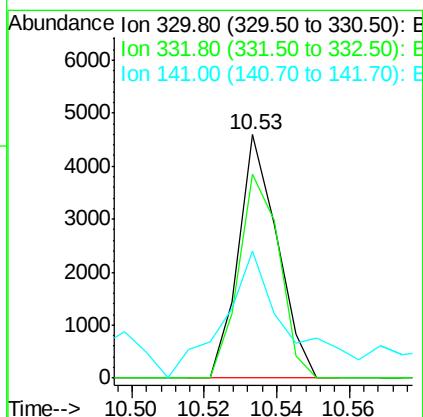
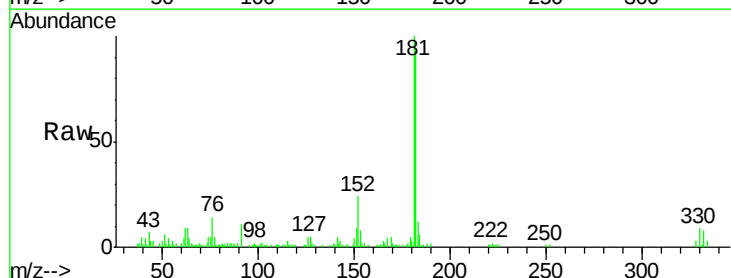
Instrument :
 BNA_F
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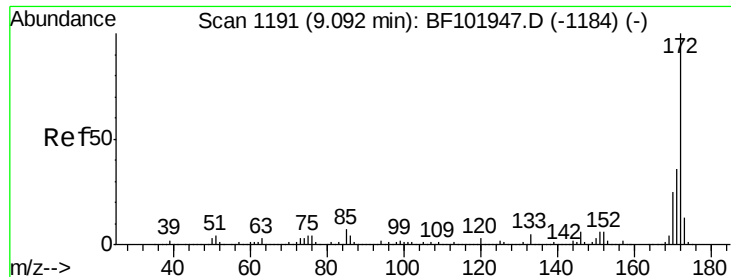
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	46.3	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 1.108 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF102067.D
 Acq: 15 Jan 2018 17:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	86.5	77.0	115.6
141	86.8	29.9	44.9#

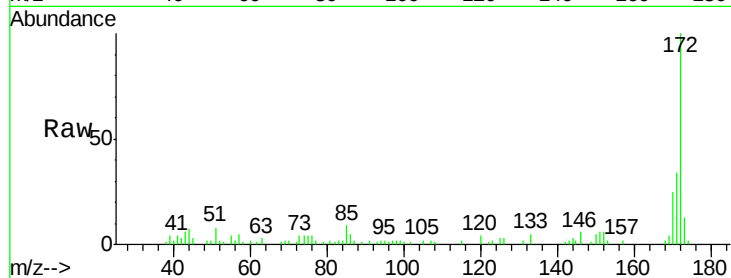




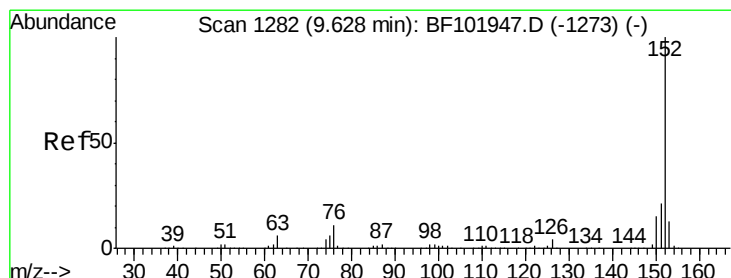
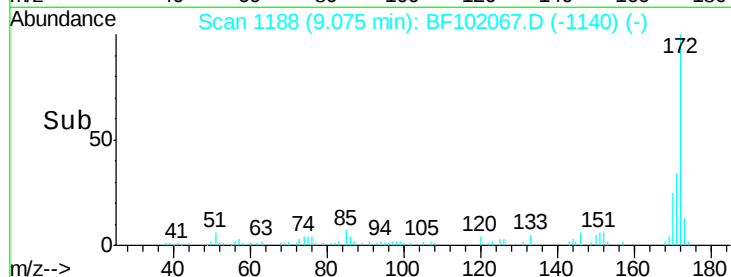
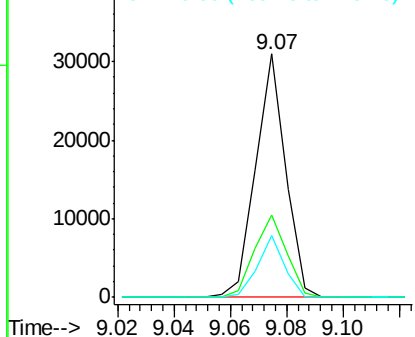
#44
2-Fluorobiphenyl
Concen: 0.996 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:172 Resp: 22741
Ion Ratio Lower Upper
172 100
171 33.8 29.7 44.5
170 25.2 19.6 29.4

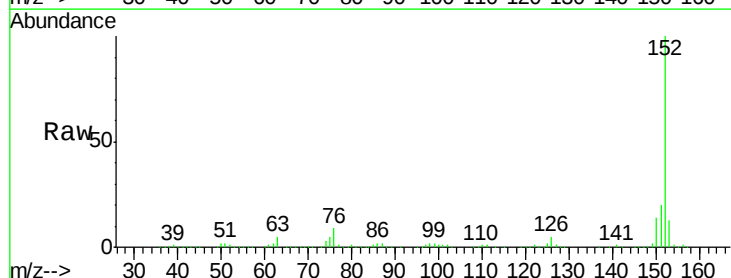


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

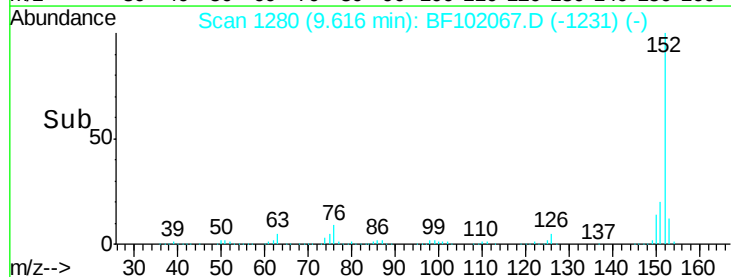
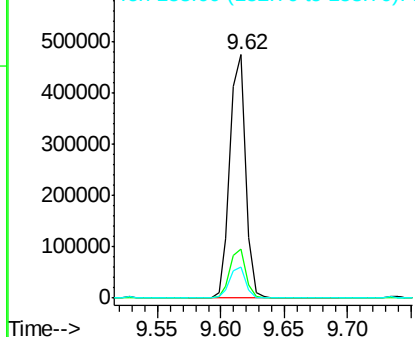


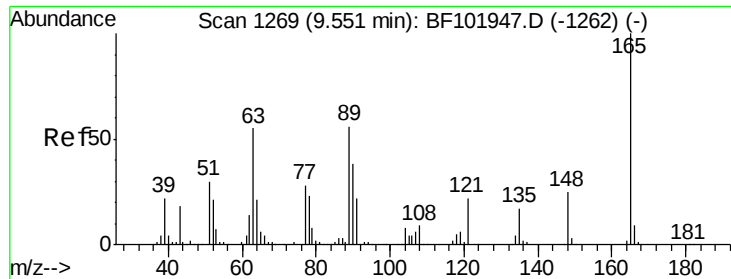
#48
Acenaphthylene
Concen: 10.579 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:152 Resp: 410313
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 12.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

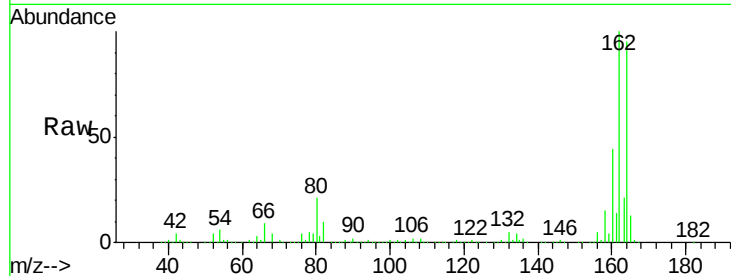




#50
2,6-Dinitrotoluene
Concen: 8.612 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

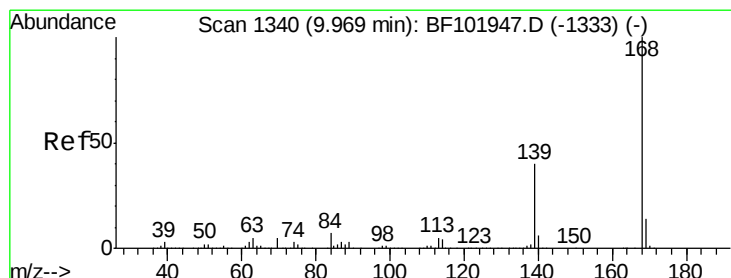
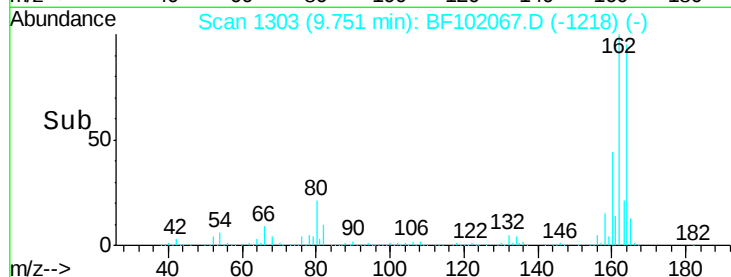
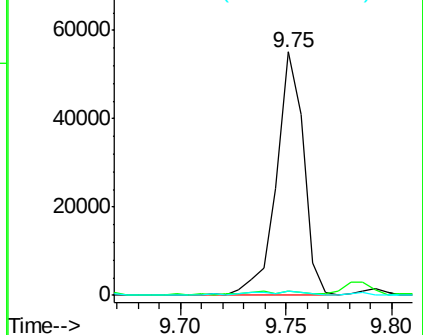
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.8	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

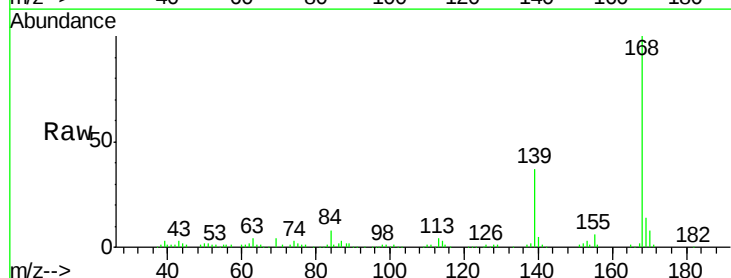
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#54
Dibenzofuran
Concen: 3.130 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

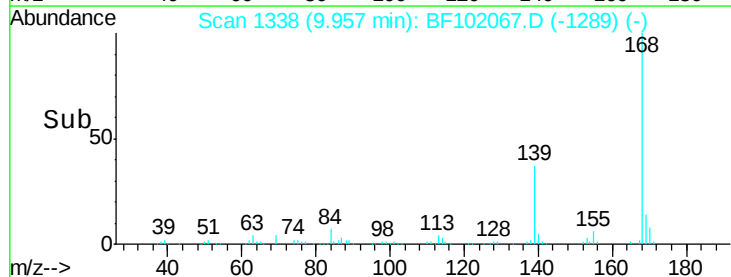
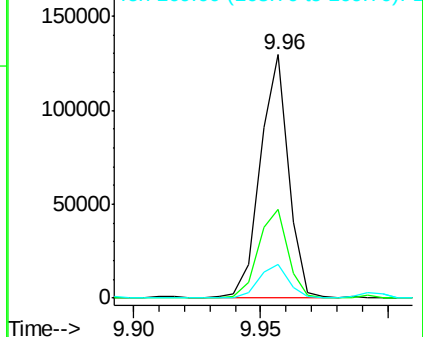
Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	13.7	10.9	16.3

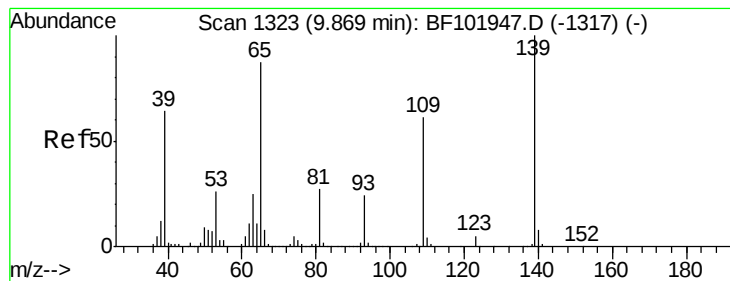


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 7.181 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.08 min

Lab File: BF102067.D

Acq: 15 Jan 2018 17:14

Instrument :

BNA_F

ClientSampleId :

A2-SB34-BOT

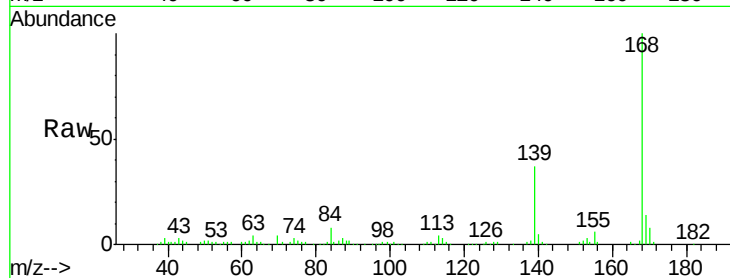
Tgt Ion:139 Resp: 38587

Ion Ratio Lower Upper

139 100

109 1.1 48.4 88.4#

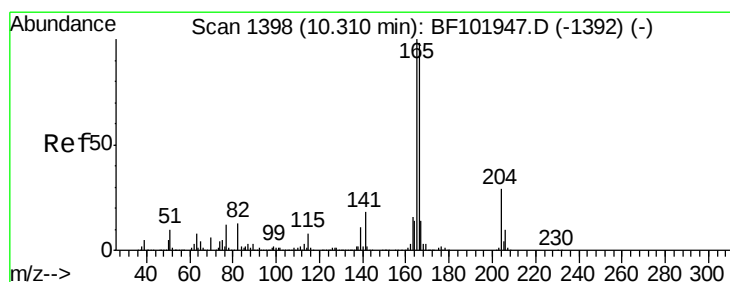
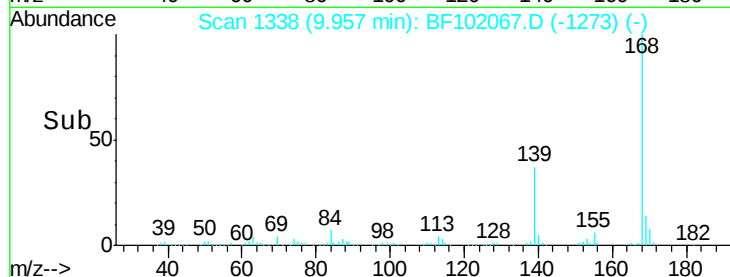
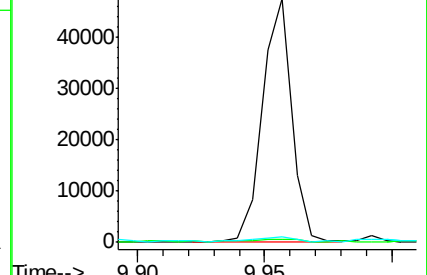
65 2.1 72.6 112.6#



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



#57

Fluorene

Concen: 6.729 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF102067.D

Acq: 15 Jan 2018 17:14

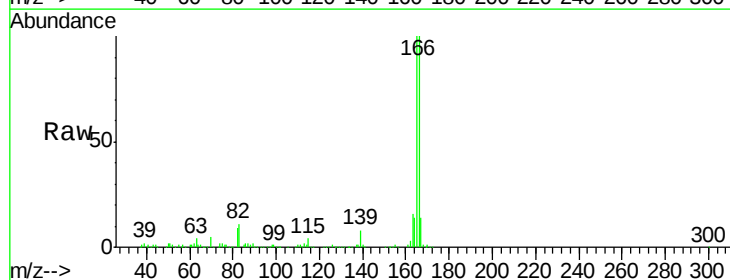
Tgt Ion:166 Resp: 150282

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

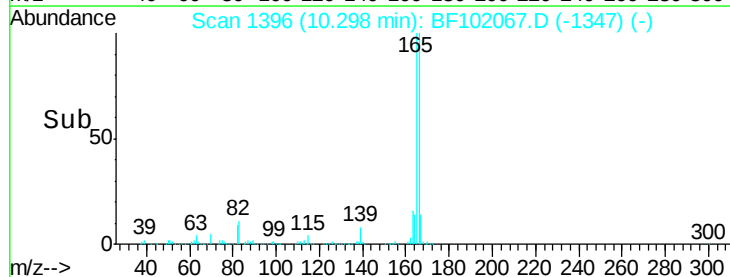
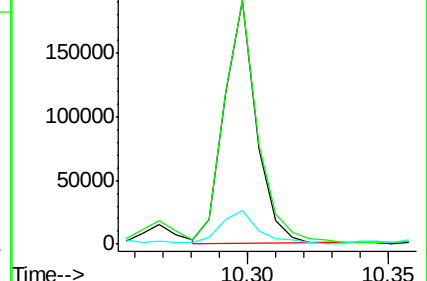
167 13.8 10.6 16.0

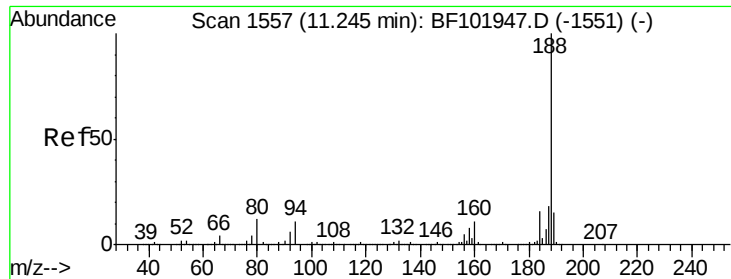


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

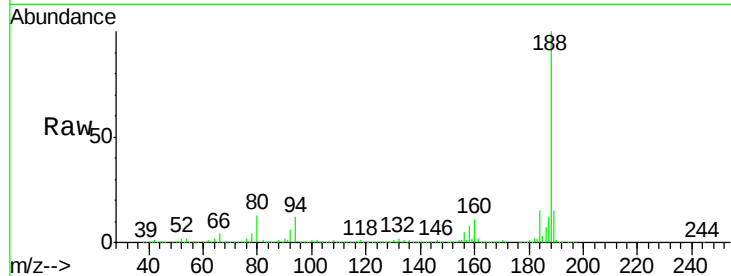




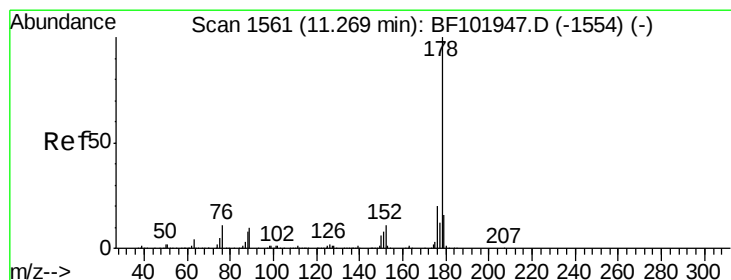
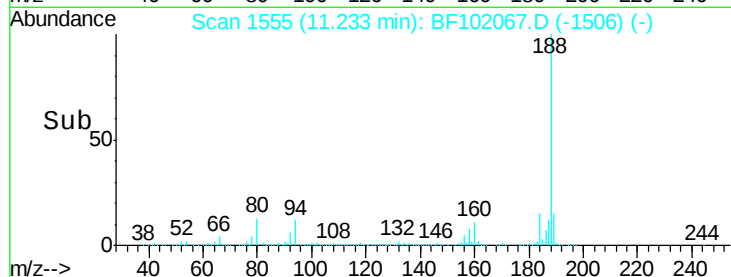
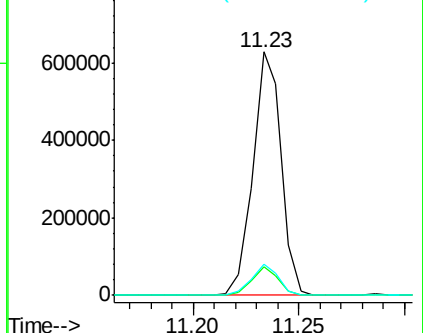
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:188 Resp: 581390
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.6 9.2 13.8

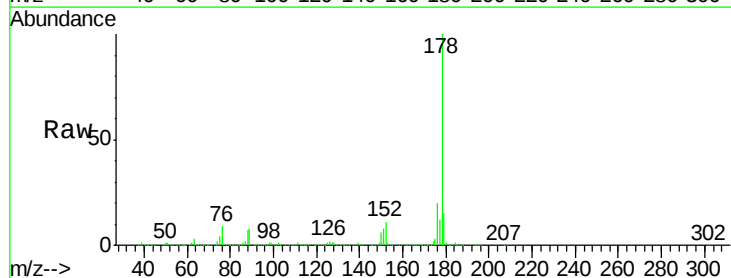


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

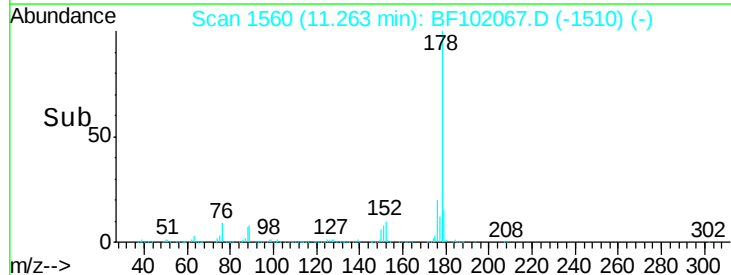
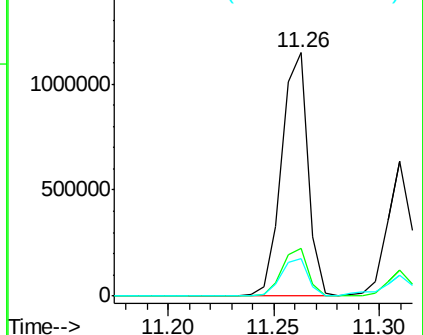


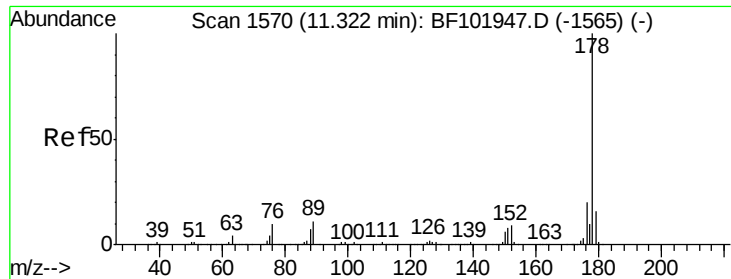
#70
Phenanthrene
Concen: 29.408 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:178 Resp: 998737
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.5 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: 14.320 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF102067.D

Acq: 15 Jan 2018 17:14

Instrument :

BNA_F

ClientSampleId :

A2-SB34-BOT

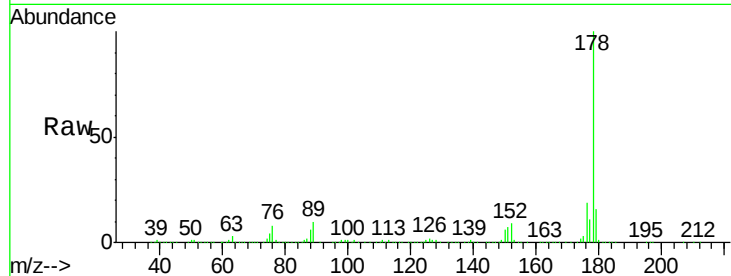
Tgt Ion:178 Resp: 493205

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

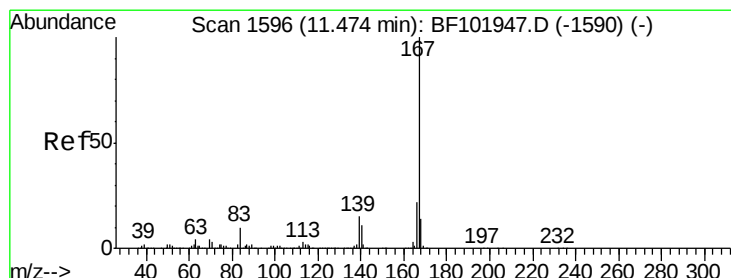
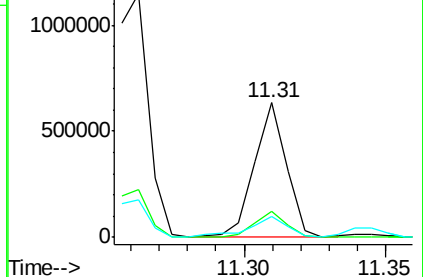
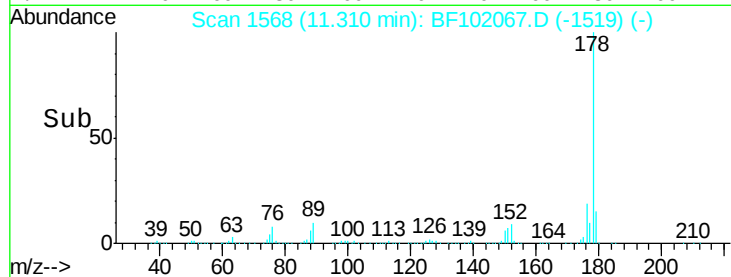
179 15.7 12.6 19.0



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: 3.161 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.02 min

Lab File: BF102067.D

Acq: 15 Jan 2018 17:14

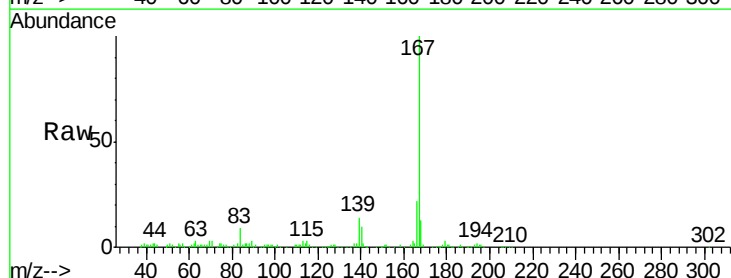
Tgt Ion:167 Resp: 106996

Ion Ratio Lower Upper

167 100

166 21.5 17.6 26.4

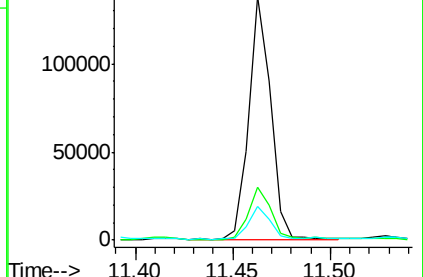
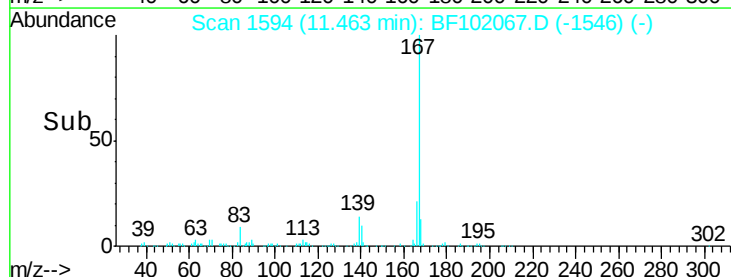
139 13.9 10.9 16.3

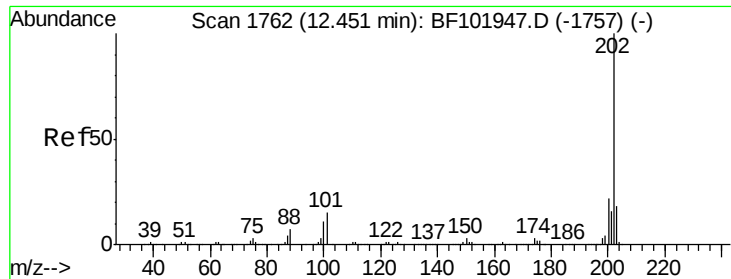


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 61.532 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF102067.D

Acq: 15 Jan 2018 17:14

Instrument :

BNA_F

ClientSampleId :

A2-SB34-BOT

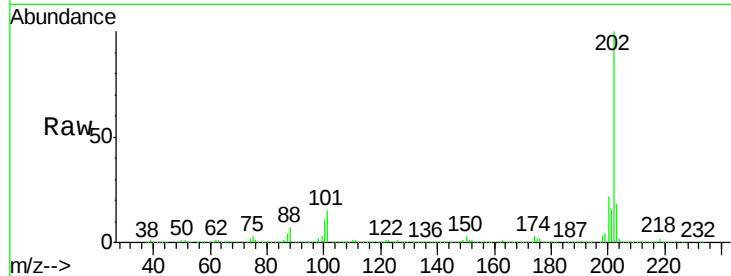
Tgt Ion:202 Resp: 2055980

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

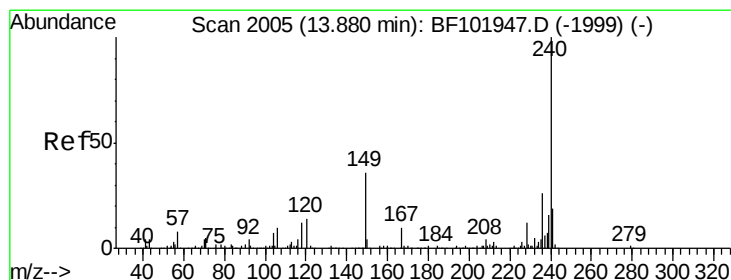
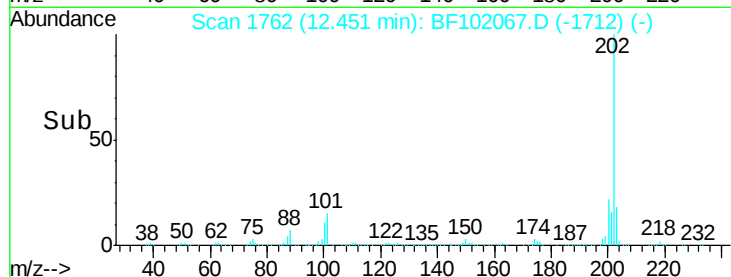
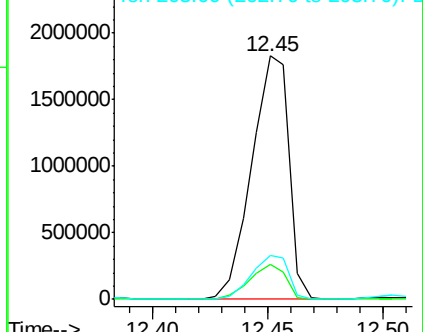
203 18.3 0.0 38.1



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: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102067.D

Acq: 15 Jan 2018 17:14

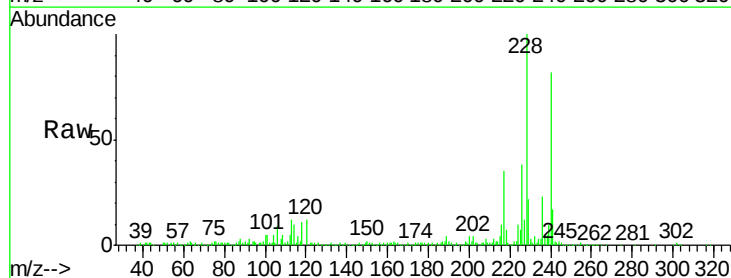
Tgt Ion:240 Resp: 280471

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

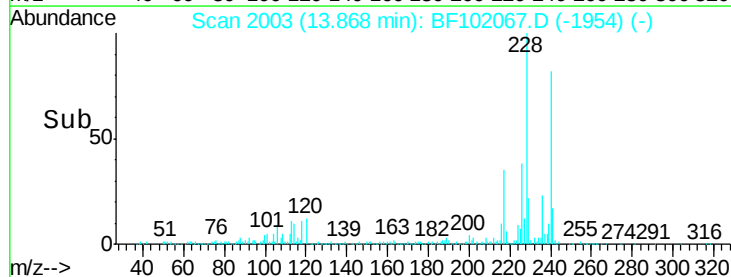
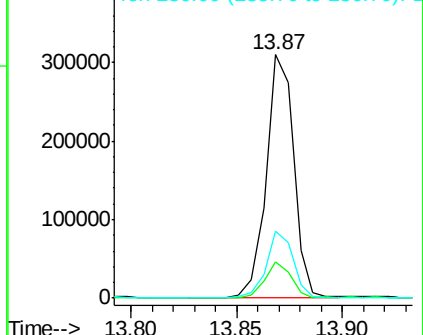
236 27.6 20.7 31.1

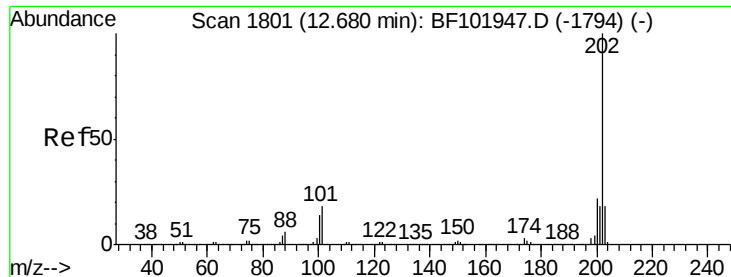


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 68.729 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102067.D

Acq: 15 Jan 2018 17:14

Instrument :

BNA_F

ClientSampleId :

A2-SB34-BOT

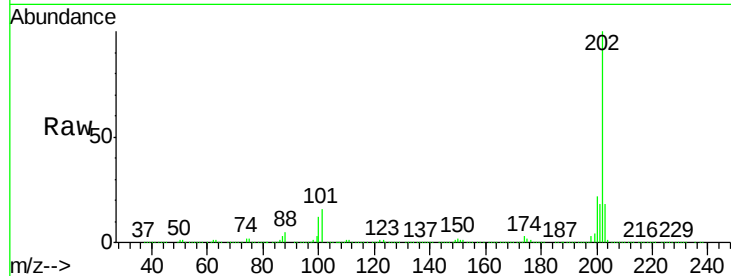
Tgt Ion:202 Resp: 1703932

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

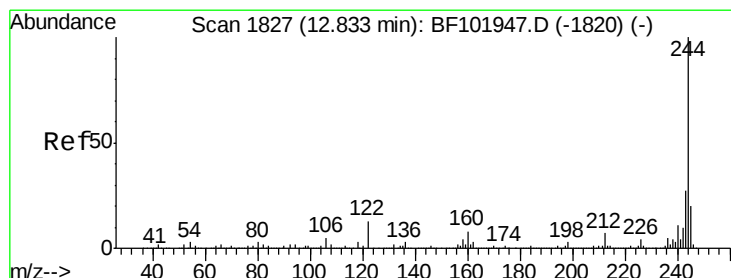
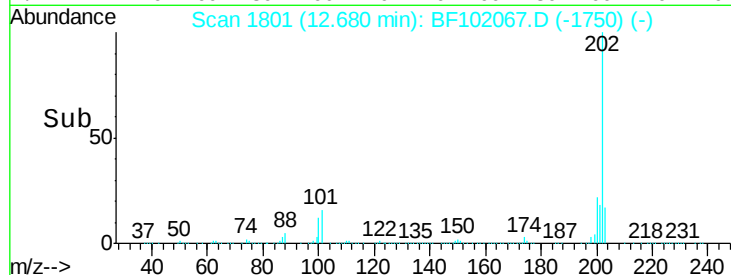
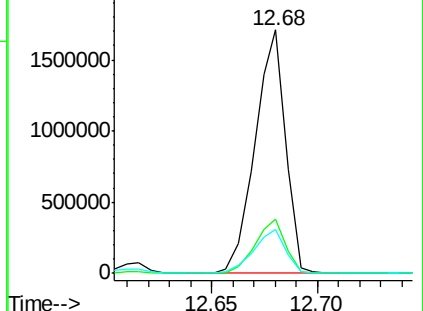
203 18.1 14.3 21.5



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: 1.427 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF102067.D

Acq: 15 Jan 2018 17:14

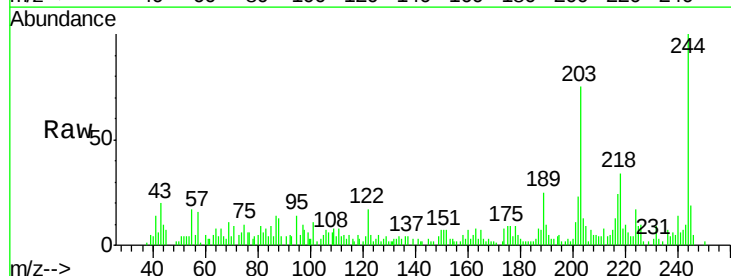
Tgt Ion:244 Resp: 19282

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.0

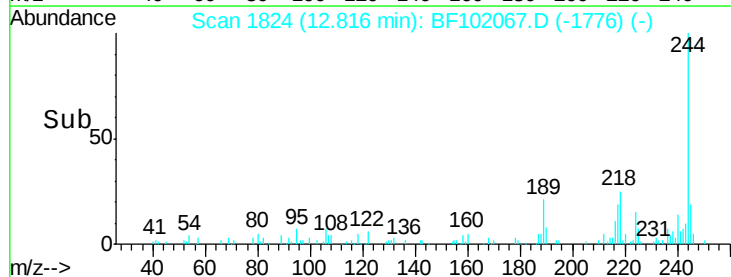
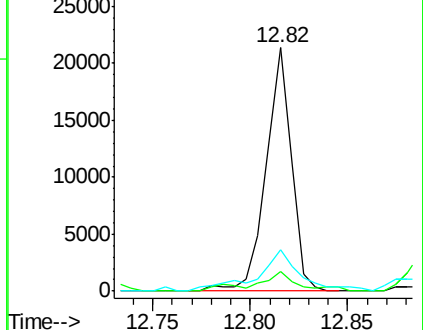
122 16.8 11.0 16.4#

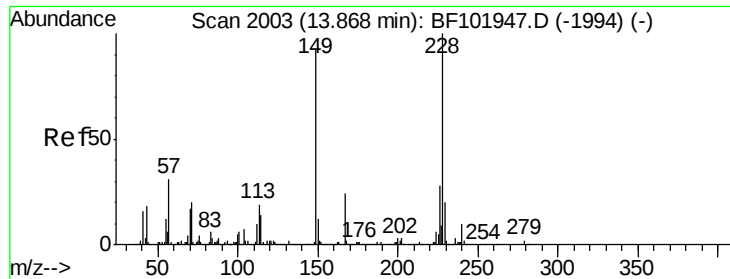


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

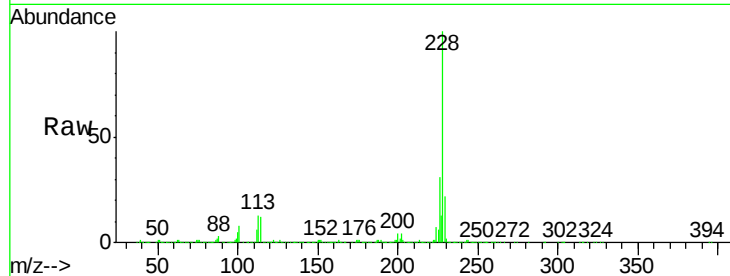




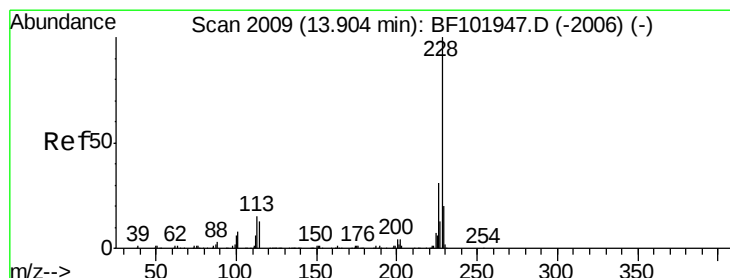
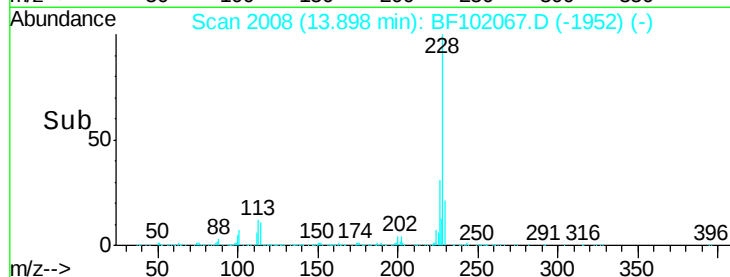
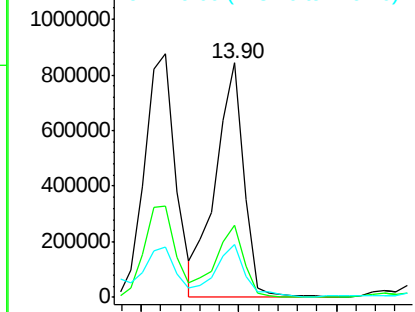
#80
Benzo(a)anthracene
Concen: 47.010 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.03 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Instrument :
BNA_F
ClientSampleId :
A2-SB34-BOT

Tgt Ion:228 Resp: 841238
Ion Ratio Lower Upper
228 100
226 31.0 22.6 33.8
229 22.4 15.8 23.6

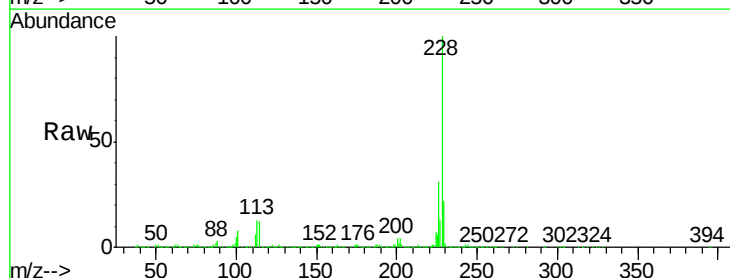


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

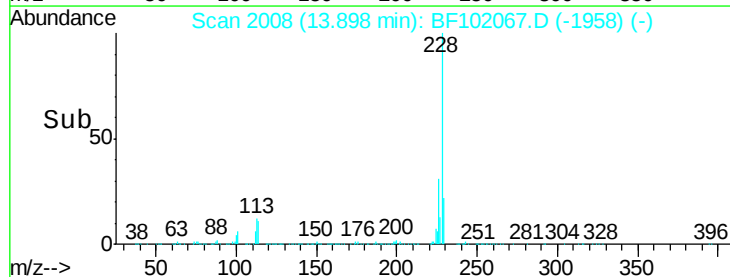
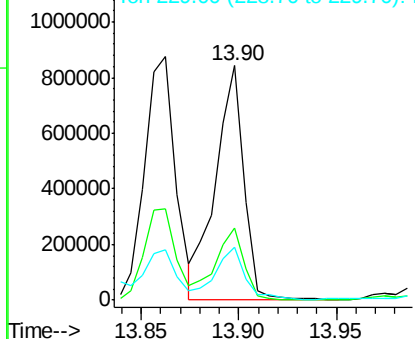


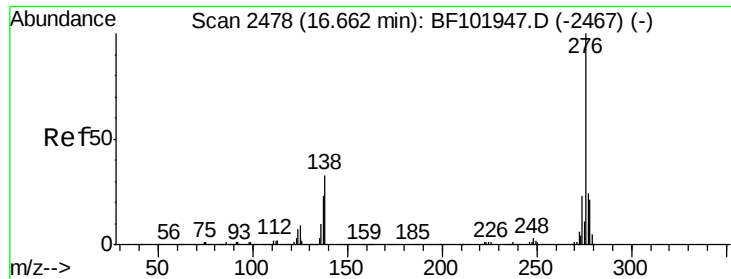
#82
Chrysene
Concen: 45.084 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102067.D
Acq: 15 Jan 2018 17:14

Tgt Ion:228 Resp: 841238
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 22.4 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

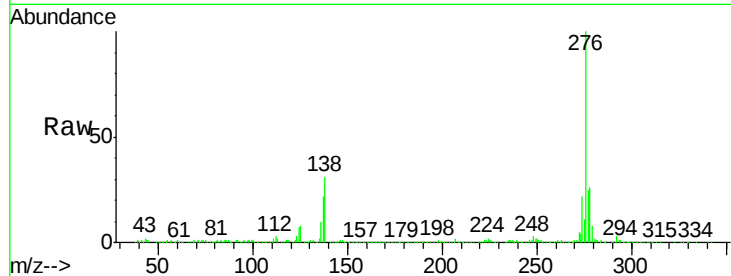




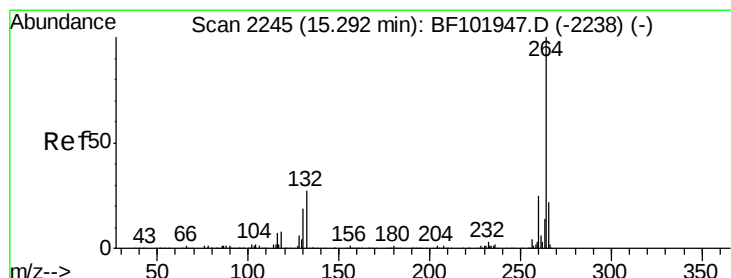
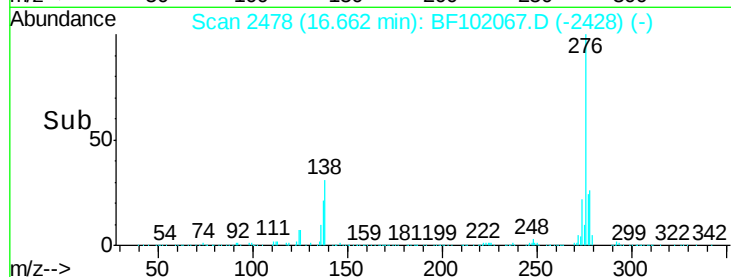
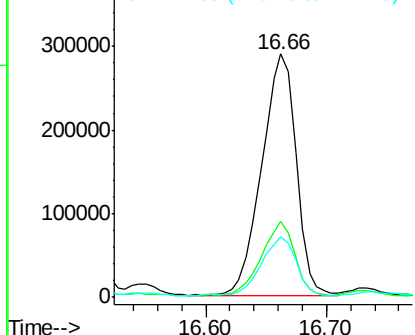
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.002 ng
 RT: 16.66 min Scan# 2478
 Delta R.T. -0.01 min
 Lab File: BF102067.D
 Acq: 15 Jan 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 A2-SB34-BOT

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.1	25.0	37.6
277	24.4	20.1	30.1

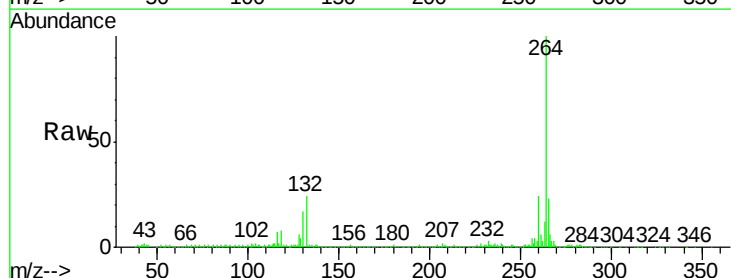


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

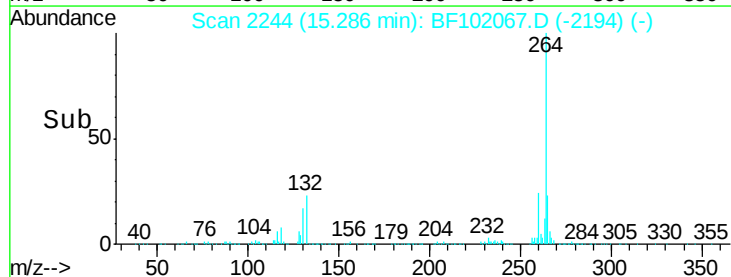
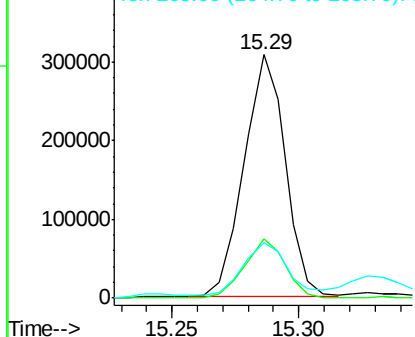


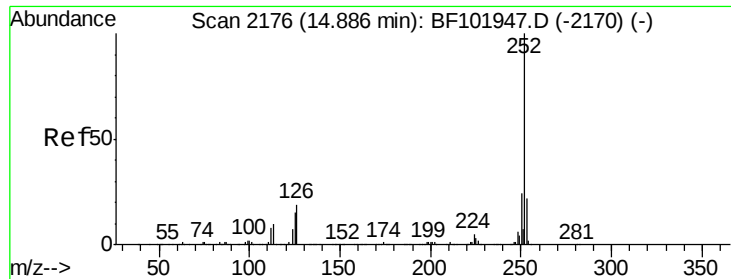
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BF102067.D
 Acq: 15 Jan 2018 17:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 67.644 ng

RT: 14.89 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BF102067.D

Acq: 15 Jan 2018 17:14

Instrument :

BNA_F

ClientSampleId :

A2-SB34-BOT

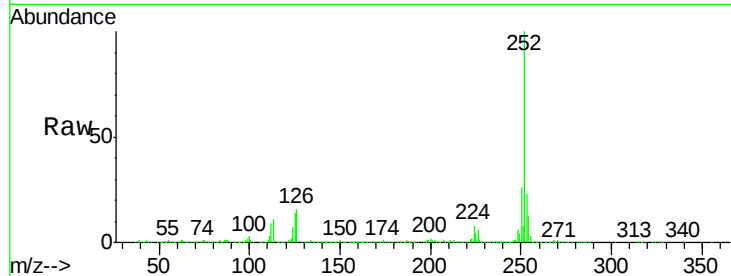
Tgt Ion:252 Resp: 1547590

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.6

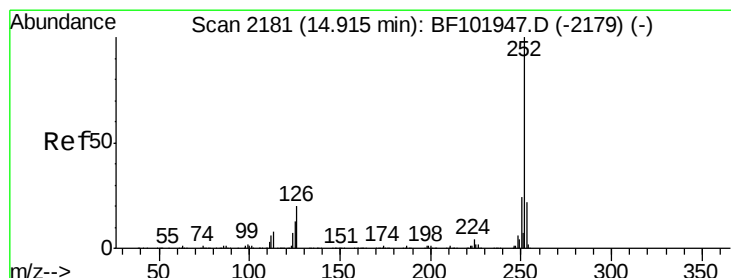
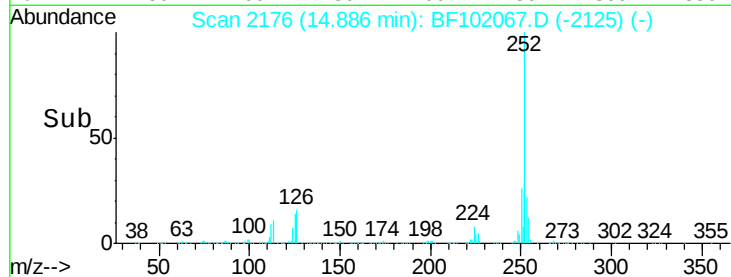
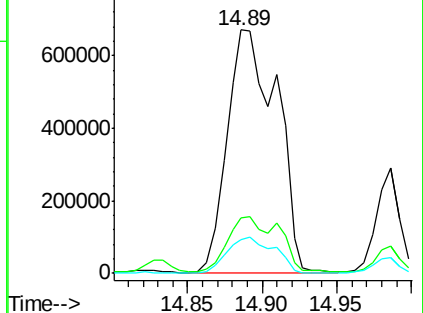
125 14.0 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 70.122 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.03 min

Lab File: BF102067.D

Acq: 15 Jan 2018 17:14

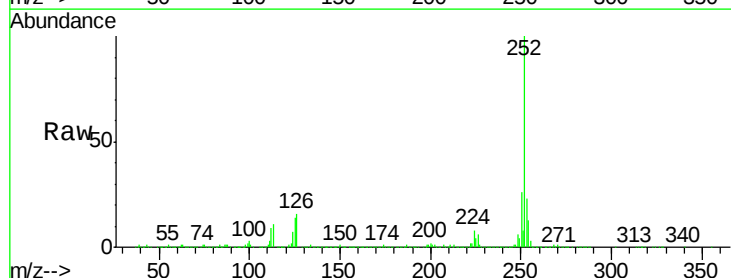
Tgt Ion:252 Resp: 1547590

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

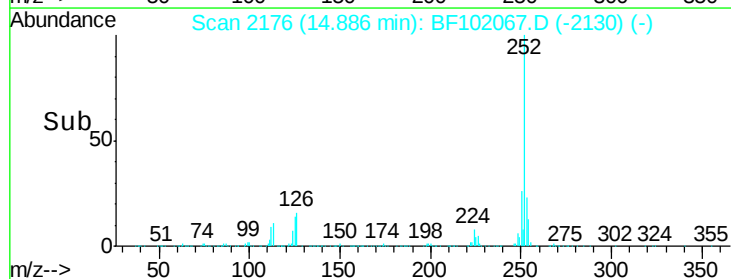
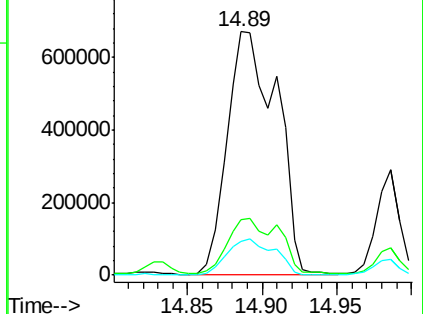
125 14.0 10.2 15.2

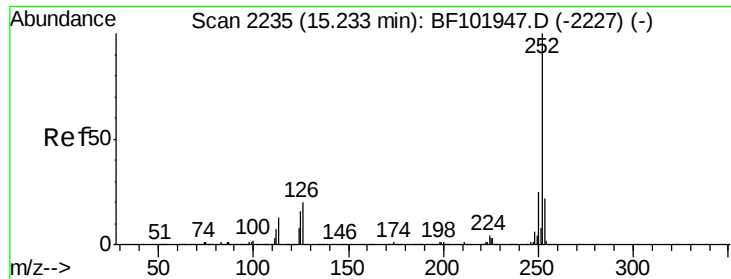


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.996 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BF102067.D

Acq: 15 Jan 2018 17:14

Instrument :

BNA_F

ClientSampleId :

A2-SB34-BOT

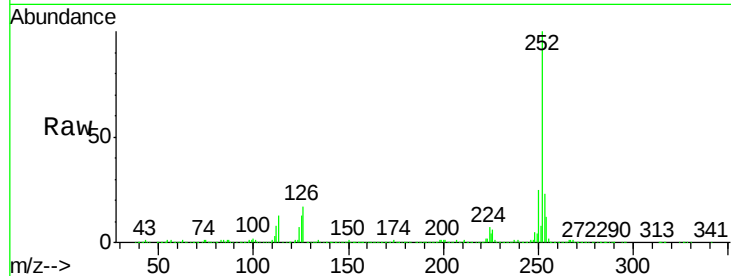
Tgt Ion:252 Resp: 823405

Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

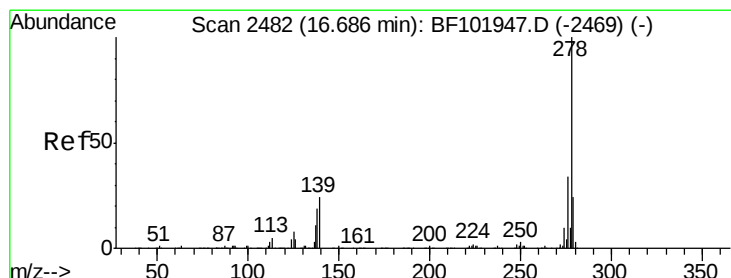
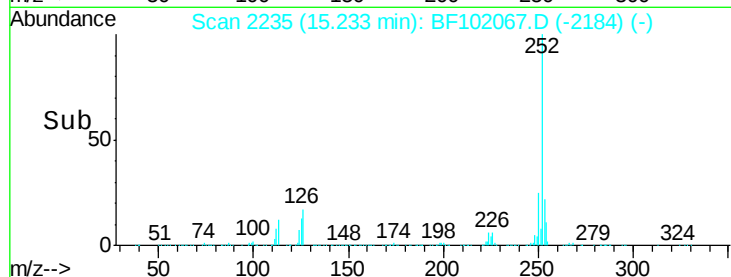
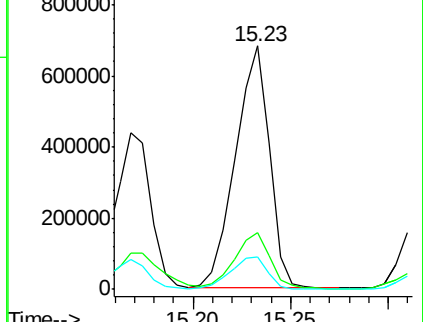
125 13.2 9.8 14.6



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: 9.052 ng

RT: 16.82 min Scan# 2505

Delta R.T. 0.14 min

Lab File: BF102067.D

Acq: 15 Jan 2018 17:14

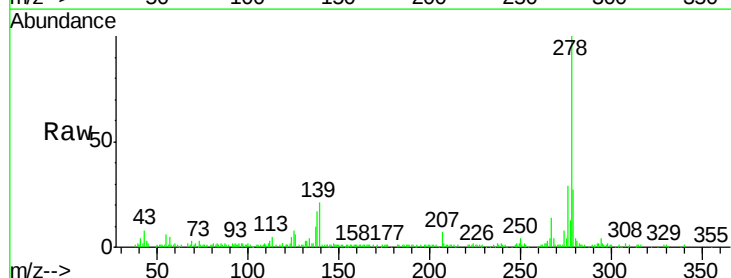
Tgt Ion:278 Resp: 148724

Ion Ratio Lower Upper

278 100

139 20.6 15.9 23.9

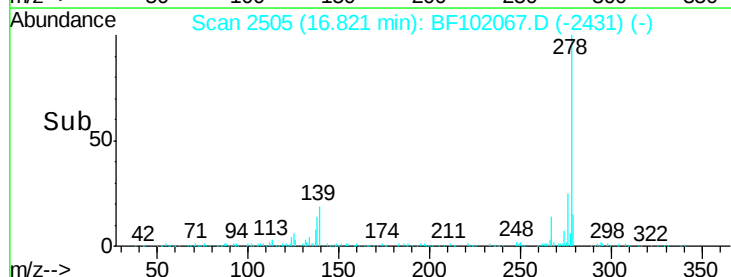
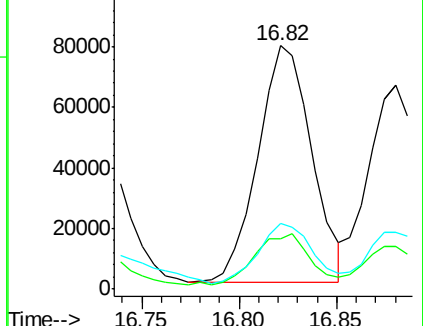
279 26.8 19.0 28.4

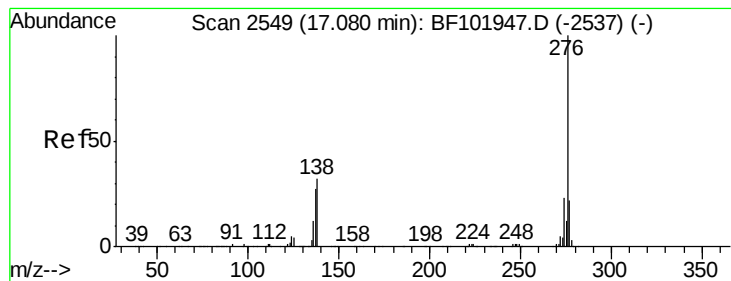


Abundance Ion 278.00 (277.70 to 278.70): E

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: 30.655 ng

RT: 17.08 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BF102067.D

Acq: 15 Jan 2018 17:14

Instrument :

BNA_F

ClientSampleId :

A2-SB34-BOT

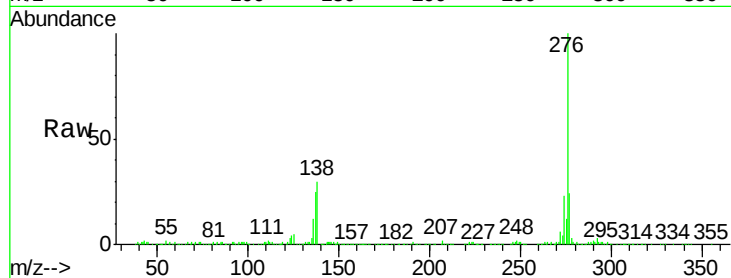
Tgt Ion: 276 Resp: 507325

Ion Ratio Lower Upper

276 100

277 24.4 17.9 26.9

138 29.6 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

