

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101182.D
 Acq On : 6 Dec 2017 21:46
 Operator : SJ/JU
 Sample : I6640-02 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(6-8)-20171129

Quant Time: Dec 06 23:53:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	43564	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	165534	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	68637	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	110073	20.00	ng	0.00
75) Chrysene-d12	14.03	240	101821	20.00	ng	0.00
86) Perylene-d12	15.50	264	92119	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	126658	48.04	ng	0.00
7) Phenol-d6	6.47	99	145991	45.61	ng	0.00
23) Nitrobenzene-d5	7.41	82	87610	31.57	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	28748	34.87	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	178402	35.56	ng	0.00
78) Terphenyl-d14	12.96	244	126816	27.24	ng	0.00

Target Compounds

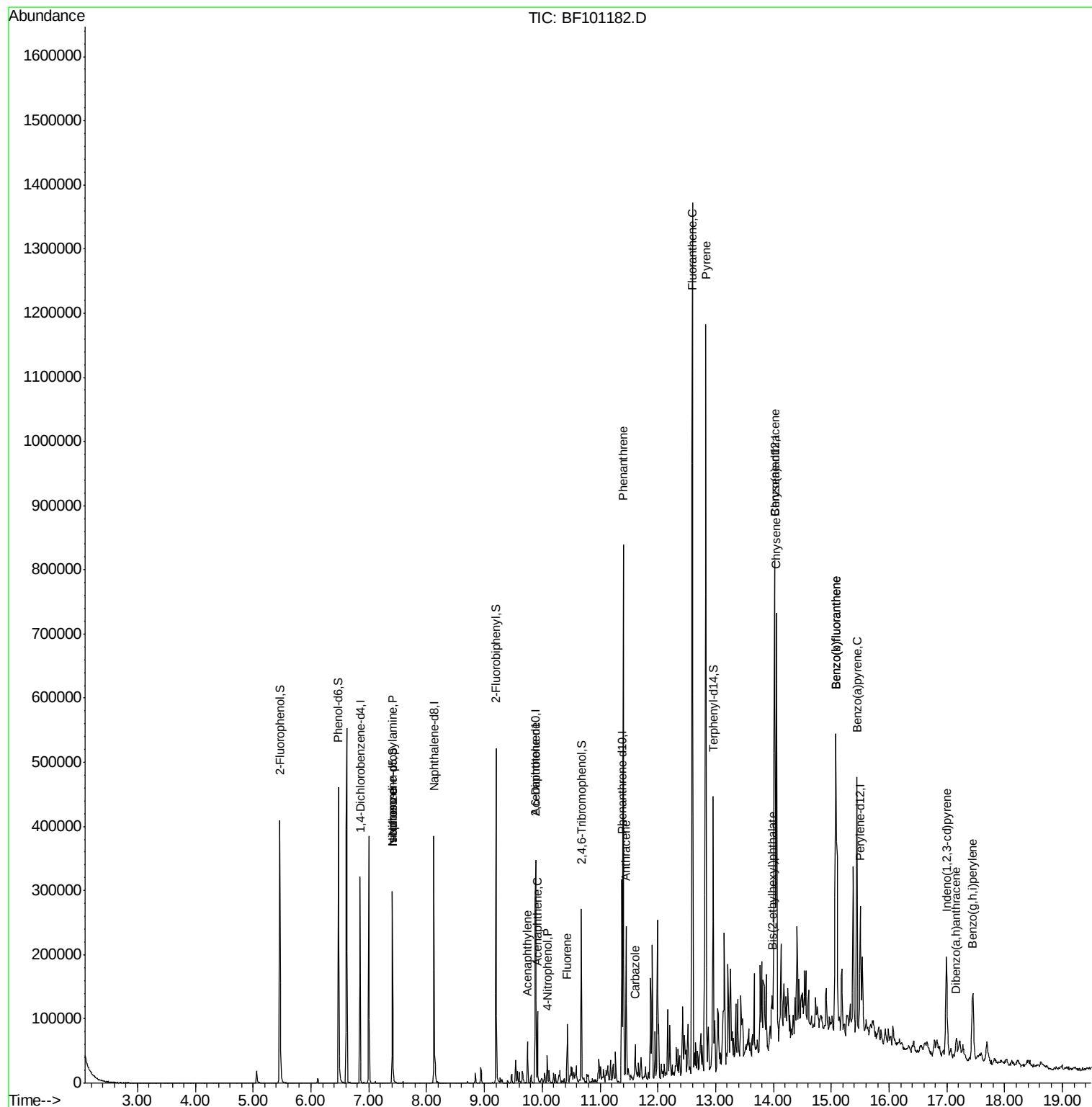
						Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	11022	5.113	ng	# 77
25) Isophorone	7.41	82	87609	18.483	ng	# 64
48) Acenaphthylene	9.75	152	24186	3.295	ng	99
50) 2,6-Dinitrotoluene	9.89	165	9366	8.033	ng	# 24
51) Acenaphthene	9.92	154	21779	4.956	ng	97
55) 4-Nitrophenol	10.09	139	5016	5.673	ng	# 9
57) Fluorene	10.43	166	26205	5.090	ng	97
70) Phenanthrene	11.40	178	335154	55.291	ng	98
71) Anthracene	11.45	178	84934	13.844	ng	98
72) Carbazole	11.61	167	21817	3.892	ng	98
74) Fluoranthene	12.60	202	534622	79.566	ng	97
77) Pylene	12.83	202	507900	72.289	ng	98
80) Benzo(a)anthracene	14.02	228	294942	45.878	ng	99
82) Chrysene	14.05	228	252936	42.364	ng	97
83) Bis(2-ethylhexyl)phthalate	13.98	149	45749	10.358	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.99	276	95247	17.944	ng	# 88
87) Benzo(b)fluoranthene	15.07	252	365886	66.312	ng	97
88) Benzo(k)fluoranthene	15.07	252	365886	67.306	ng	97
89) Benzo(a)pyrene	15.44	252	194624	38.799	ng	97
90) Dibenzo(a,h)anthracene	17.16	278	20627	4.664	ng	96
91) Benzo(g,h,i)perylene	17.45	276	89671	21.516	ng	# 89

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

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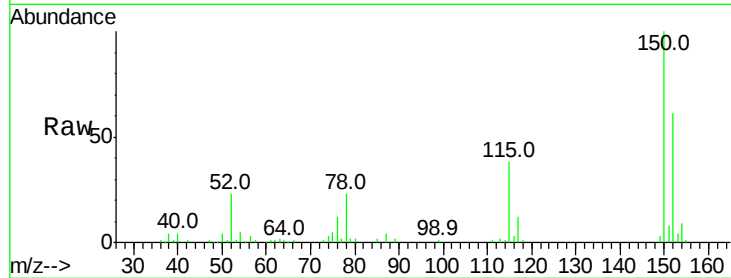


#1

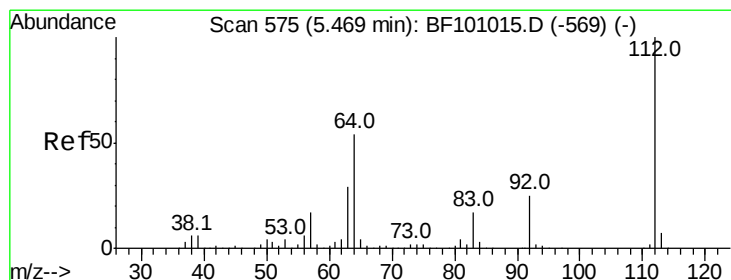
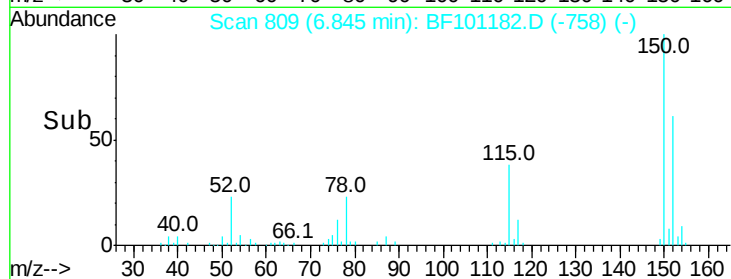
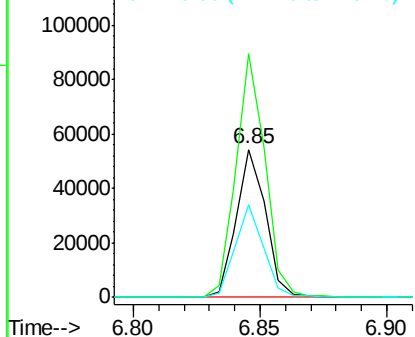
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101182.D
Acq: 6 Dec 2017 21:46

Instrument :
BNA_F
ClientSampleId :
SB-11(6-8)-20171129

Tot Ion:152 Resp: 43564
Ion Ratio Lower Upper
152 100
150 164.4 124.6 186.8
115 62.8 50.1 75.1



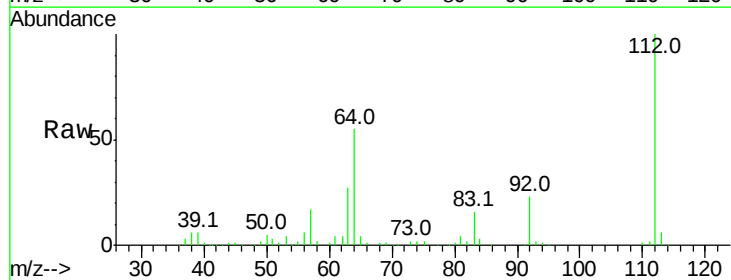
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



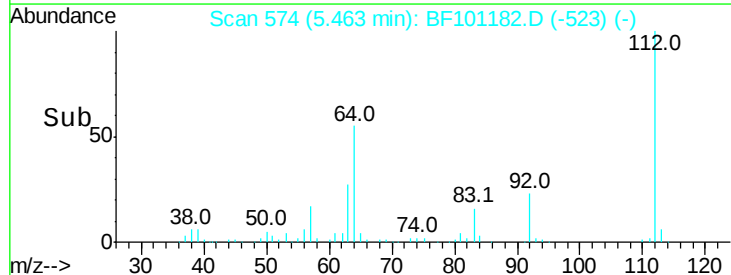
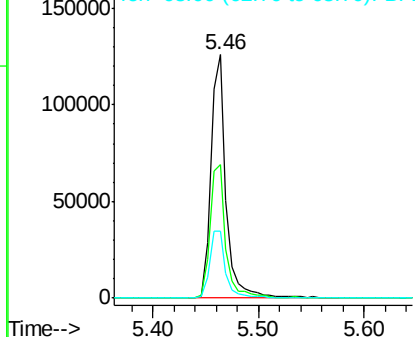
#5

2-Fluorophenol
Concen: 48.043 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101182.D
Acq: 6 Dec 2017 21:46

Tgt Ion:112 Resp: 126658
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 27.4 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: 45.611 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

Instrument :

BNA_F

ClientSampleId :

SB-11(6-8)-20171129

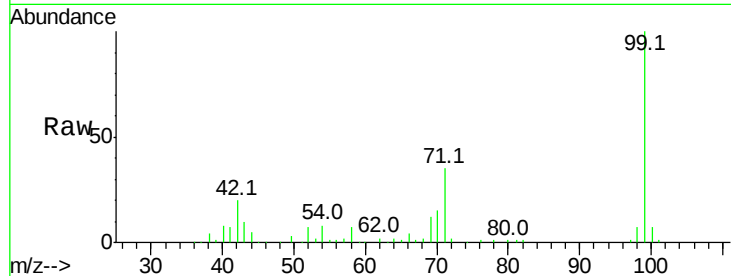
Tot Ion: 99 Resp: 145991

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

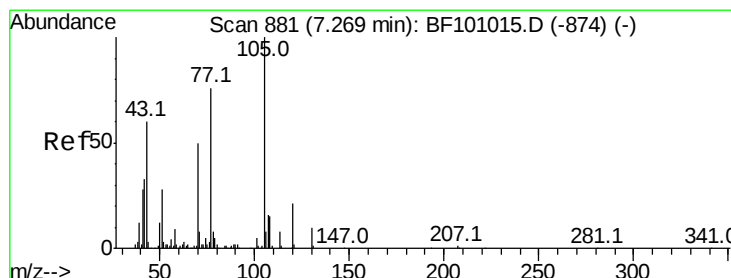
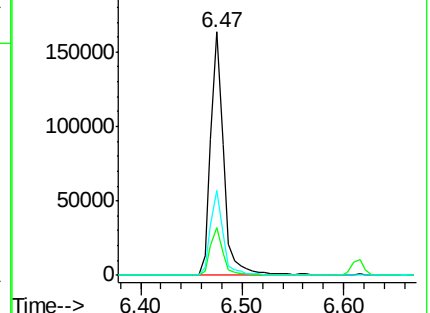
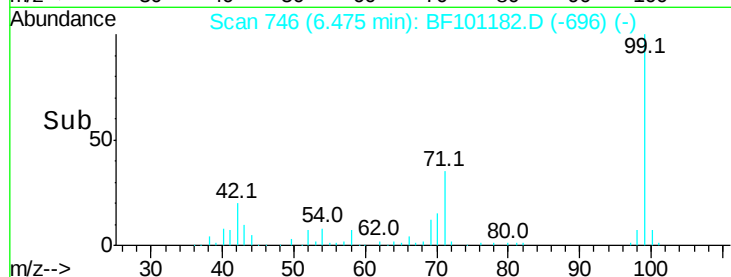
71 34.9 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.113 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.15 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

Tgt Ion: 70 Resp: 11022

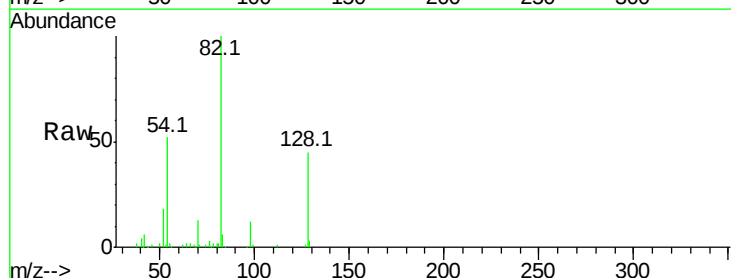
Ion Ratio Lower Upper

70 100

42 47.7 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

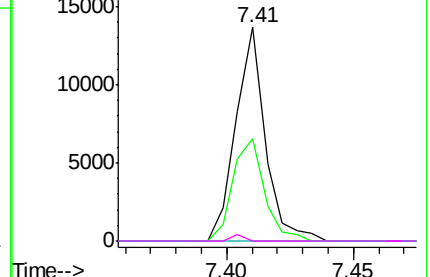
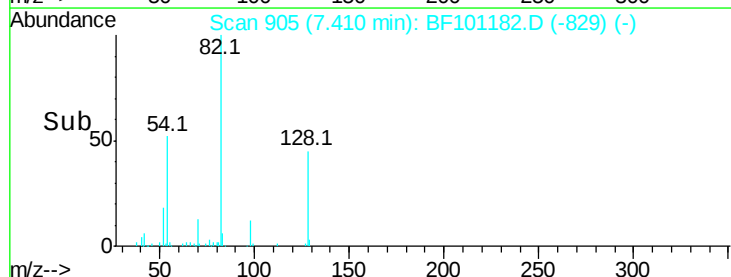


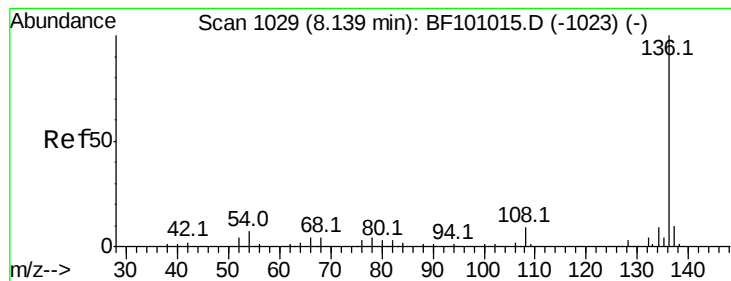
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

Instrument :

BNA_F

ClientSampleId :

SB-11(6-8)-20171129

Tot Ion:136 Resp: 165534

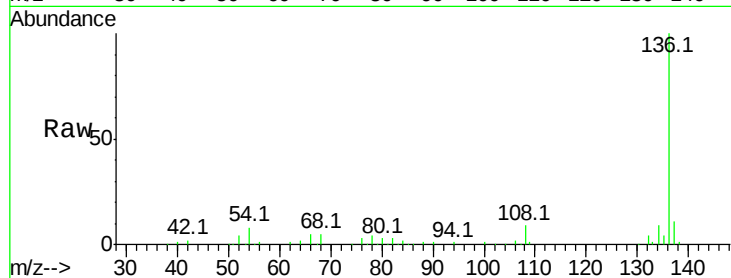
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.8 6.6 9.8

68 4.6 5.0 7.4#

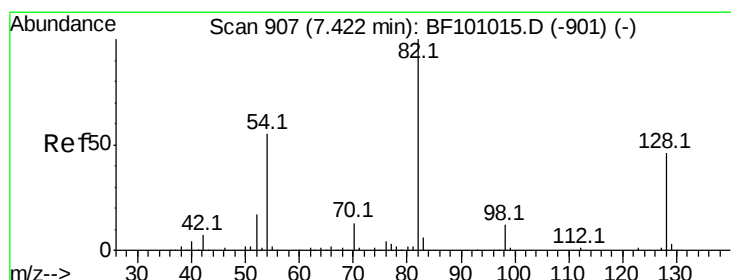
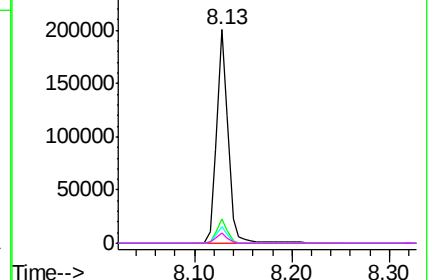
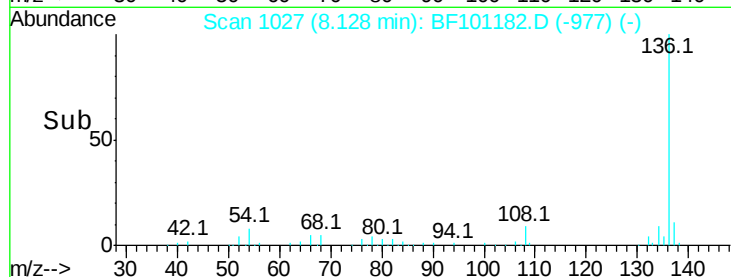


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.572 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

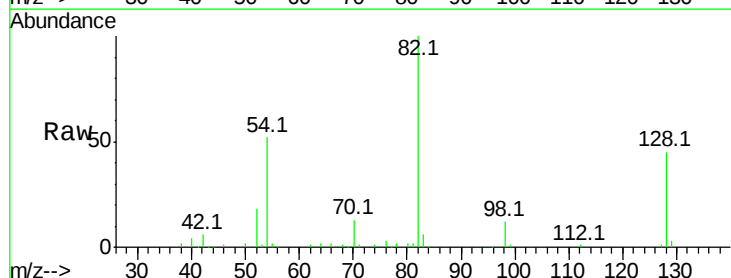
Tgt Ion: 82 Resp: 87610

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

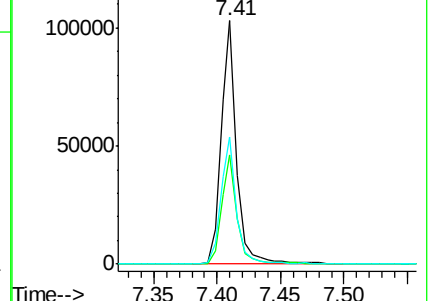
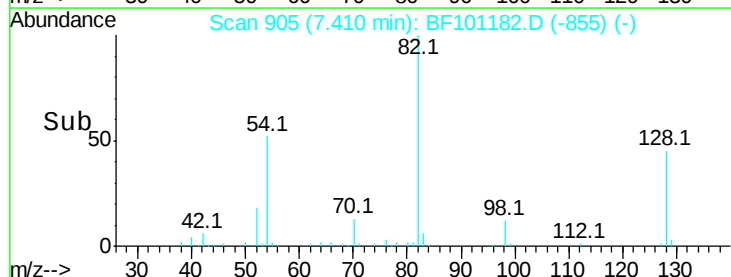
54 52.4 41.4 62.2

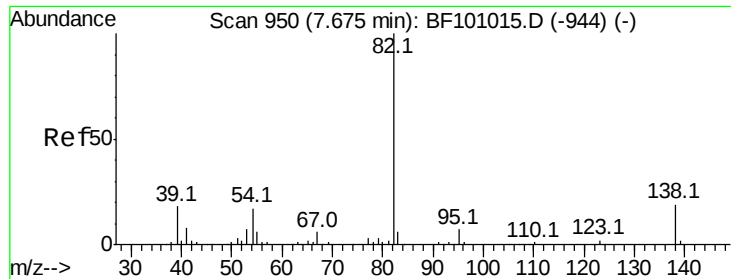


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 18.483 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

Instrument :

BNA_F

ClientSampleId :

SB-11(6-8)-20171129

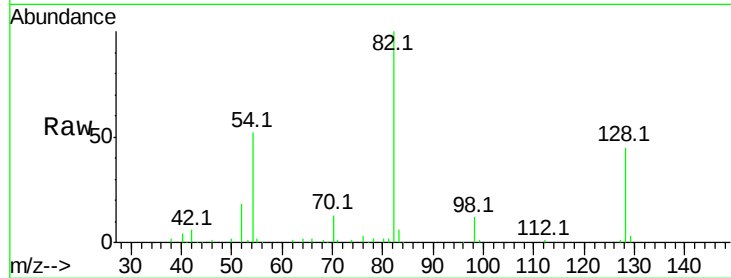
Tot Ion: 82 Resp: 87609

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

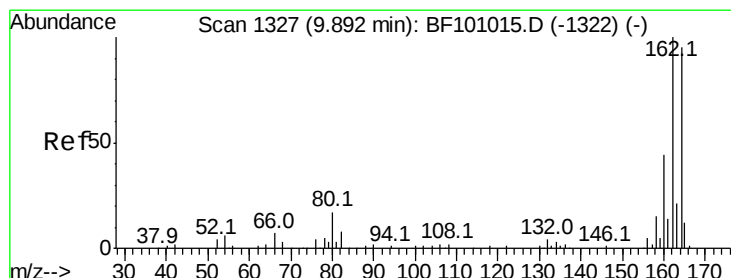
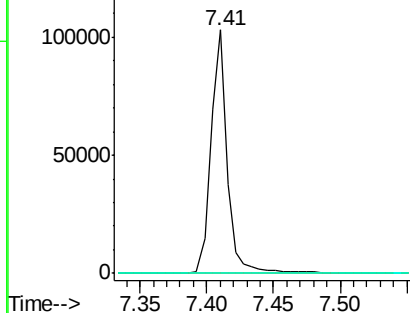
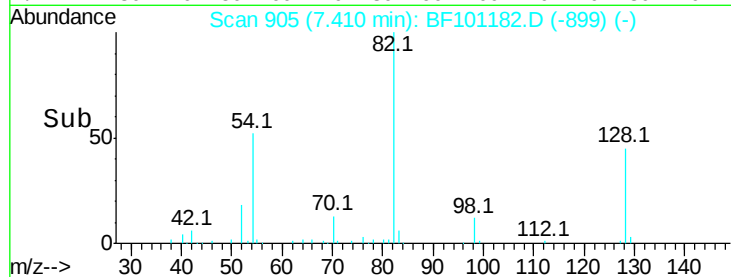
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

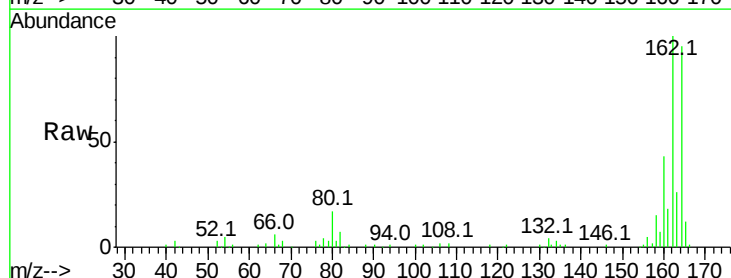
Tgt Ion:164 Resp: 68637

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

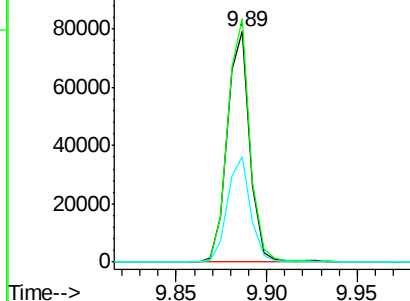
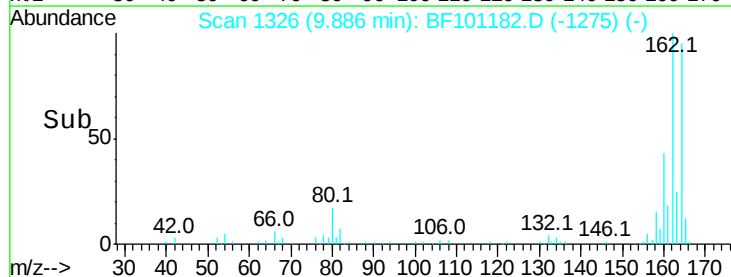
160 45.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

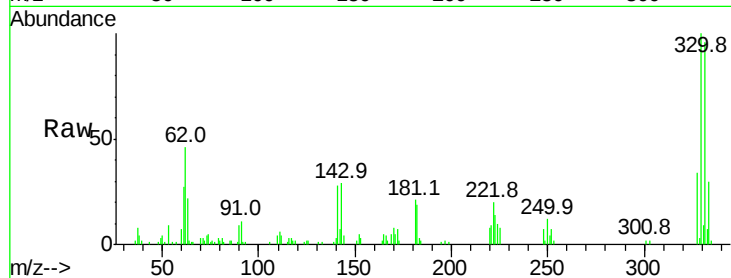




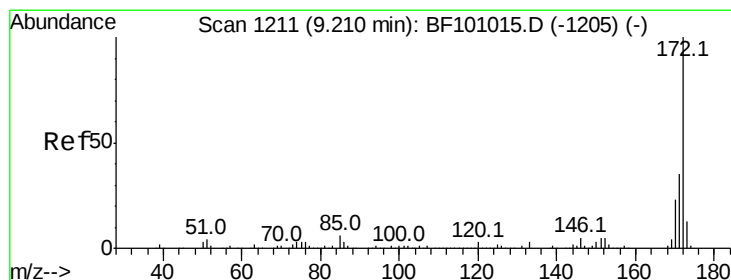
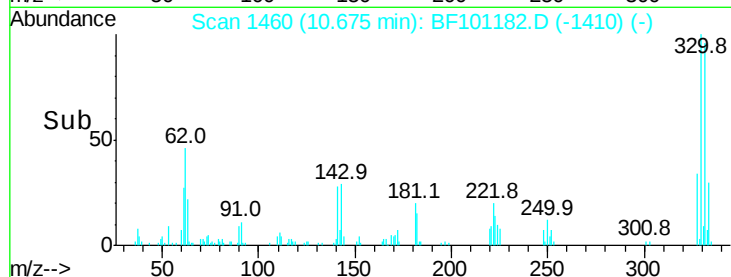
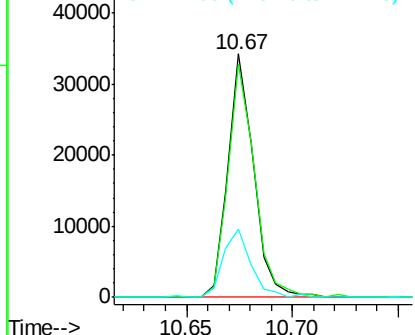
#41
 2,4,6-Tribromophenol
 Concen: 34.866 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101182.D
 Acq: 6 Dec 2017 21:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(6-8)-20171129

Tot Ion:330 Resp: 28748
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.0 115.6
 141 30.9 29.9 44.9

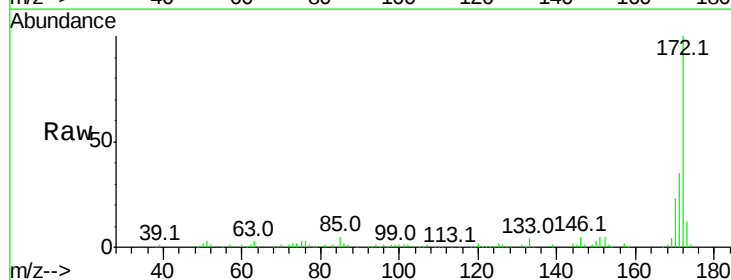


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

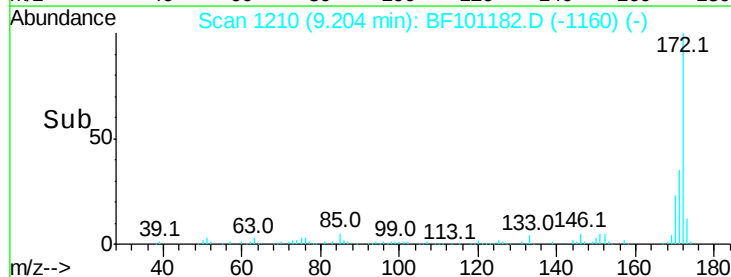
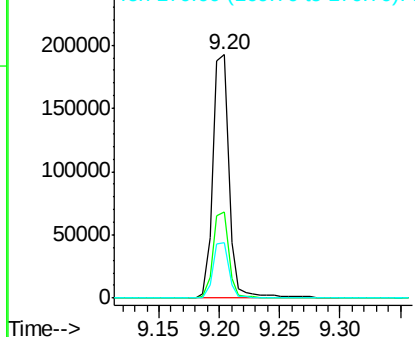


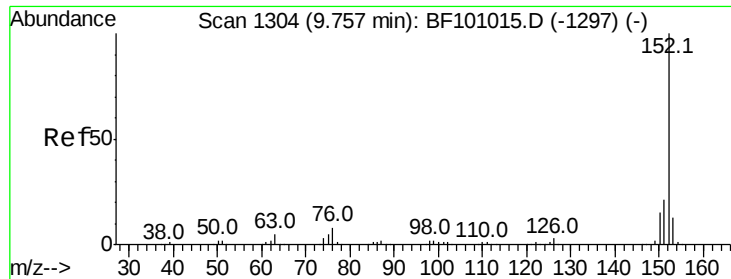
#44
 2-Fluorobiphenyl
 Concen: 35.562 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101182.D
 Acq: 6 Dec 2017 21:46

Tgt Ion:172 Resp: 178402
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 22.9 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: 3.295 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

Instrument :

BNA_F

ClientSampleId :

SB-11(6-8)-20171129

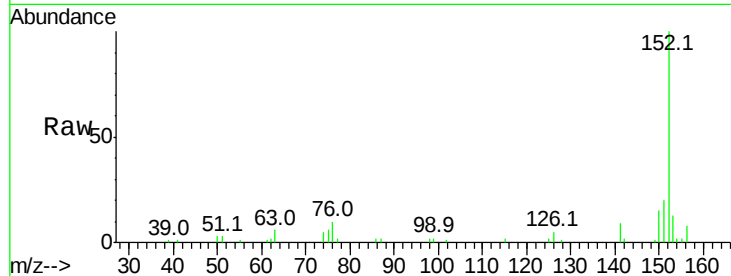
Tot Ion:152 Resp: 24186

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

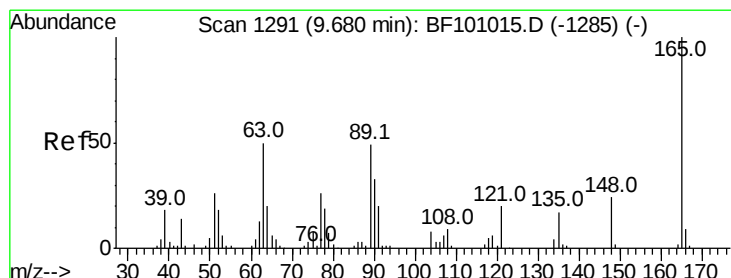
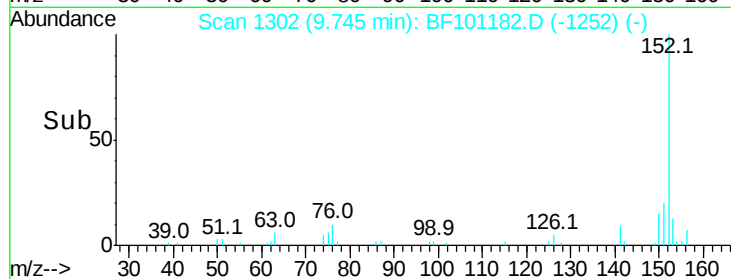
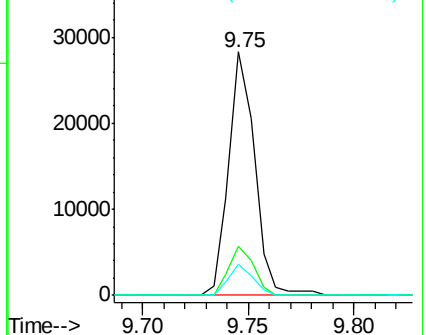
153 13.0 10.7 16.1



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: 8.033 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.21 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

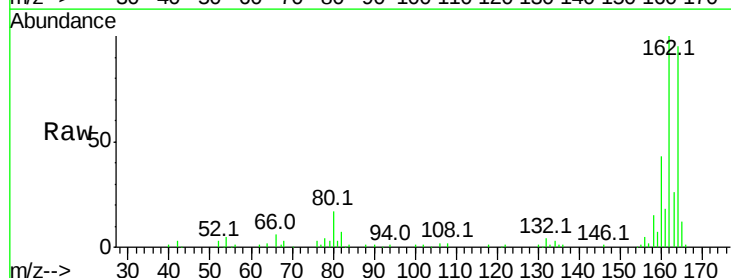
Tgt Ion:165 Resp: 9366

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

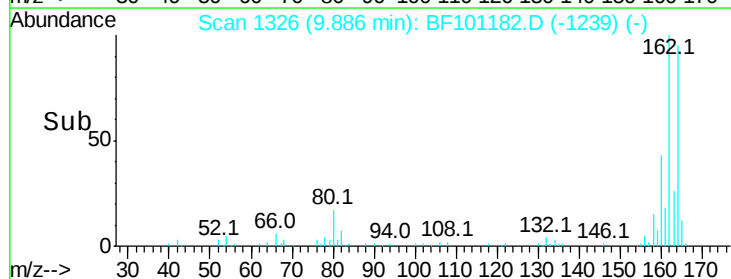
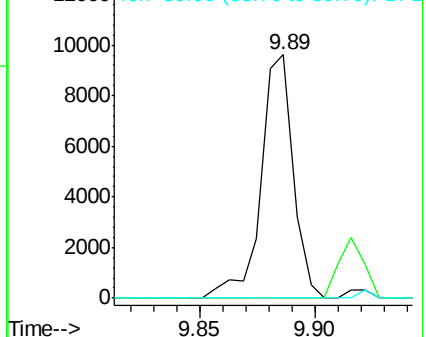
89 0.0 44.0 66.0#

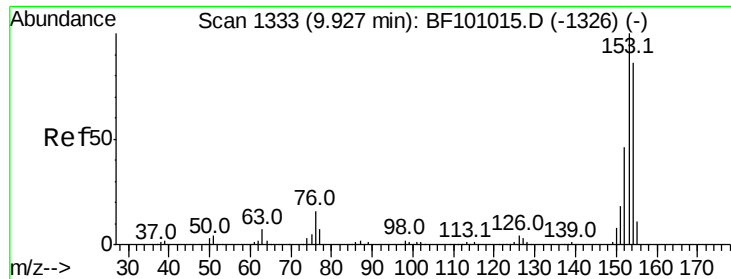


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 4.956 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

Instrument :

BNA_F

ClientSampleId :

SB-11(6-8)-20171129

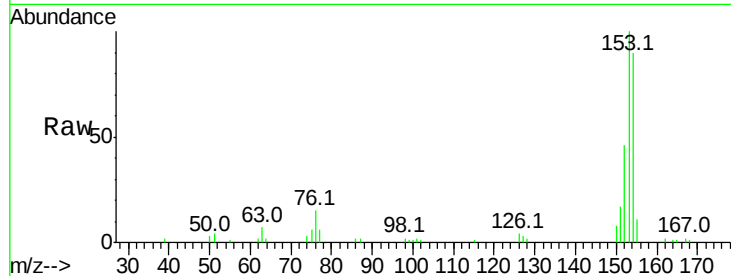
Tot Ion:154 Resp: 21779

Ion Ratio Lower Upper

154 100

153 111.0 91.2 136.8

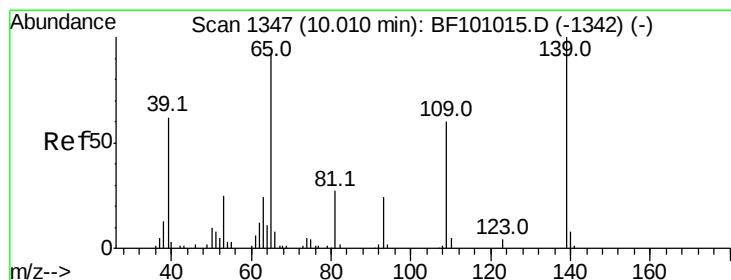
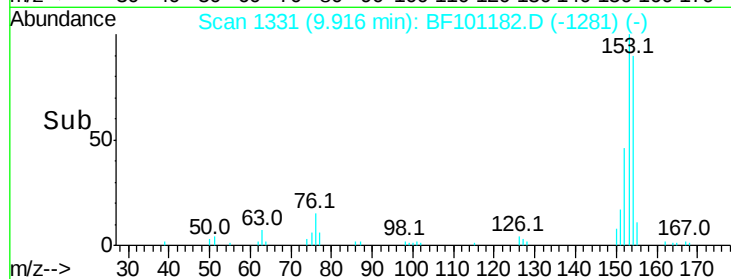
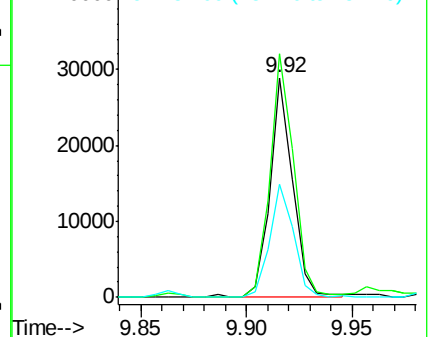
152 51.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

4-Nitrophenol

Concen: 5.673 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.09 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

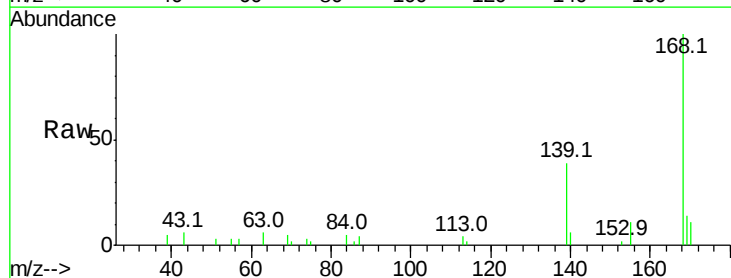
Tgt Ion:139 Resp: 5016

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

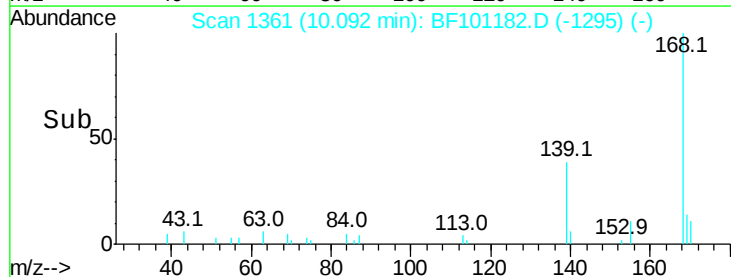
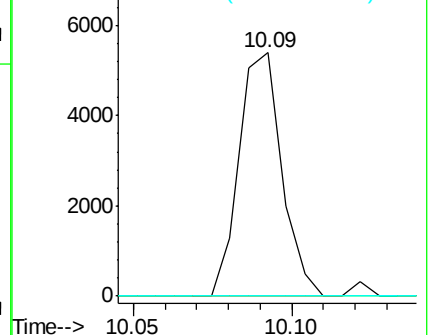
65 0.0 72.6 112.6#

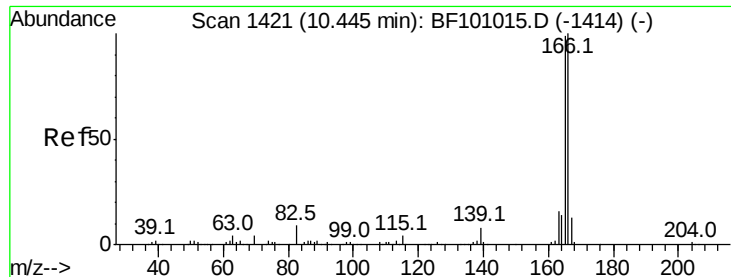


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

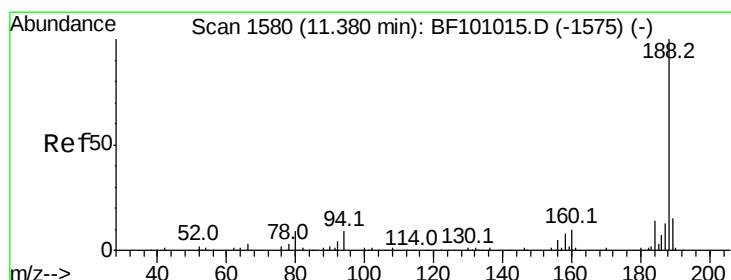
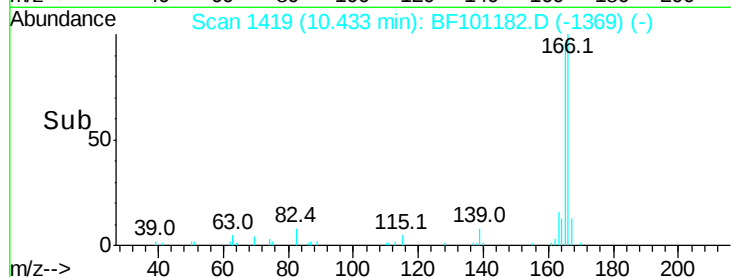
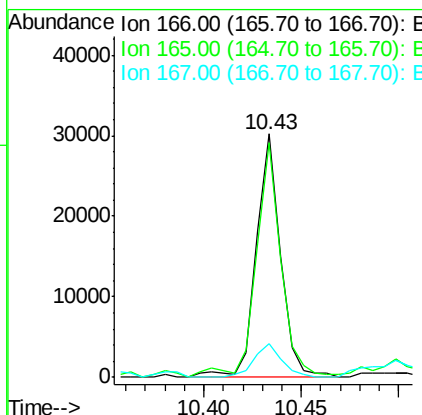
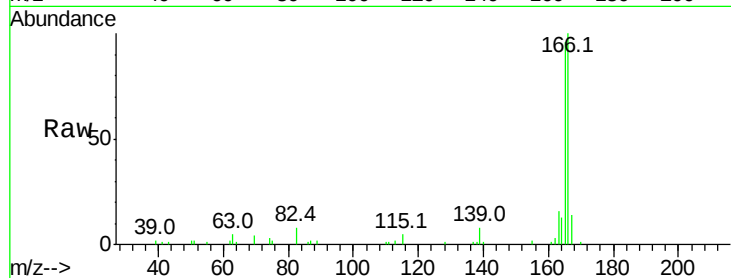




#57
Fluorene
 Concen: 5.090 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF101182.D
 Acq: 6 Dec 2017 21:46

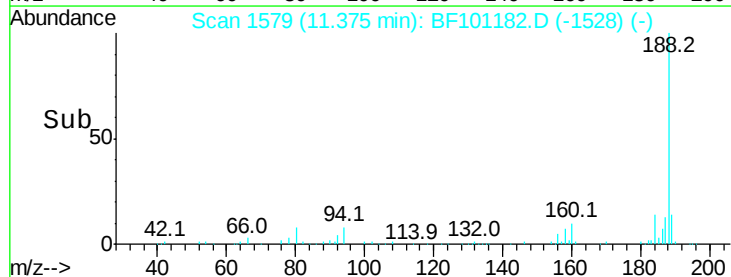
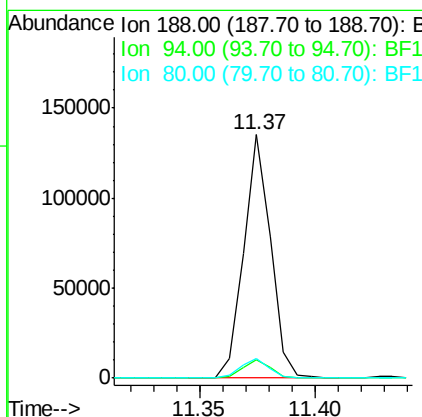
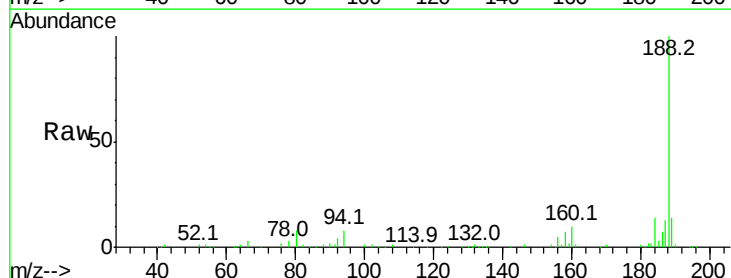
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(6-8)-20171129

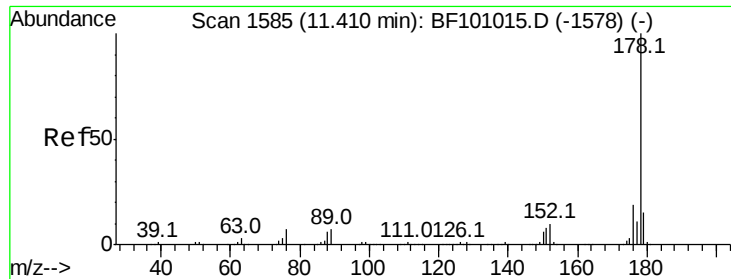
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.2	79.8	119.8
167	14.1	10.6	16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101182.D
 Acq: 6 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.1	9.2	13.8#

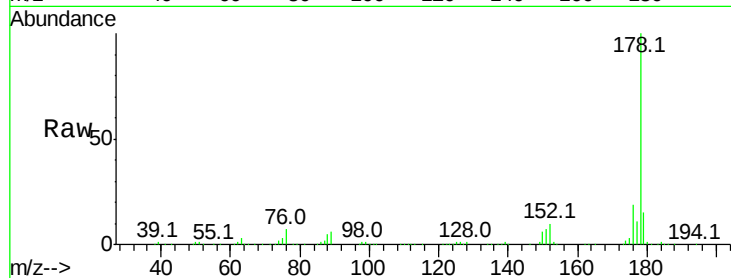




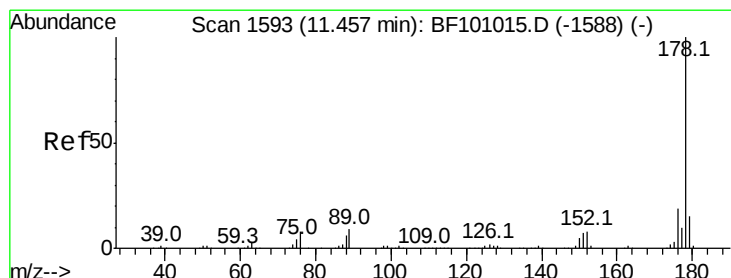
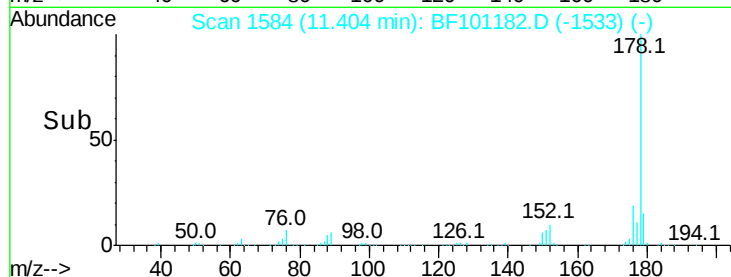
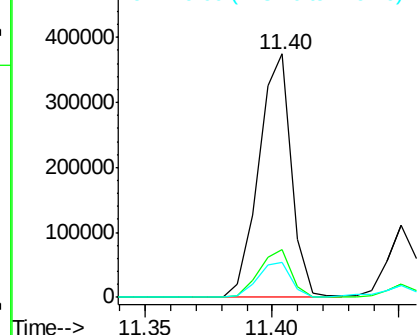
#70
Phenanthrene
Concen: 55.291 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF101182.D
Acq: 6 Dec 2017 21:46

Instrument :
BNA_F
ClientSampleId :
SB-11(6-8)-20171129

Tot Ion:178 Resp: 335154
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 14.6 13.0 19.6

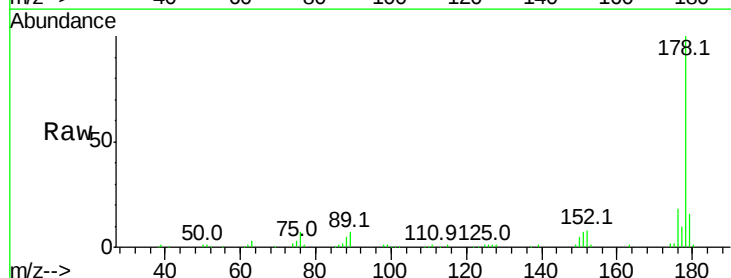


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

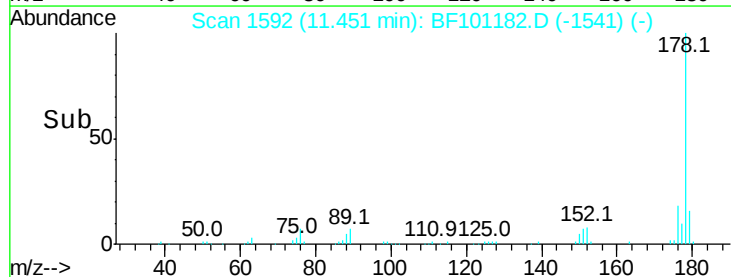
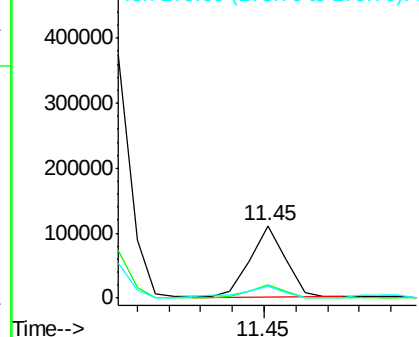


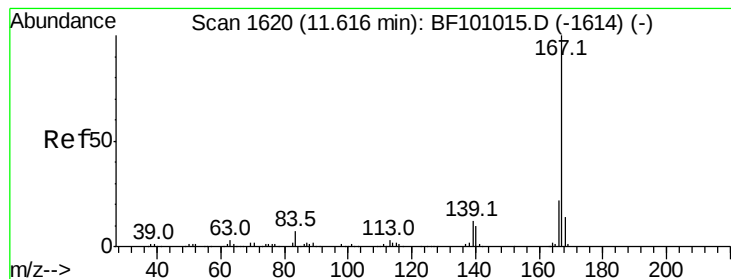
#71
Anthracene
Concen: 13.844 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF101182.D
Acq: 6 Dec 2017 21:46

Tgt Ion:178 Resp: 84934
Ion Ratio Lower Upper
178 100
176 17.8 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: 3.892 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

Instrument :

BNA_F

ClientSampleId :

SB-11(6-8)-20171129

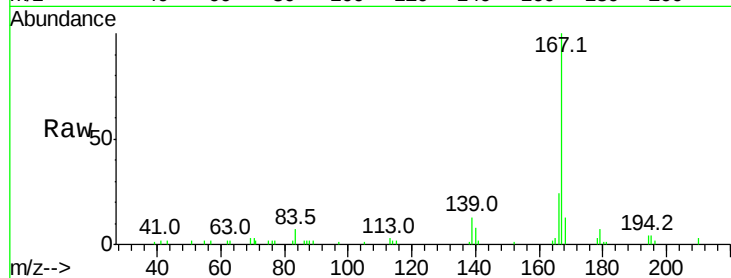
Tot Ion:167 Resp: 21817

Ion Ratio Lower Upper

167 100

166 23.7 17.6 26.4

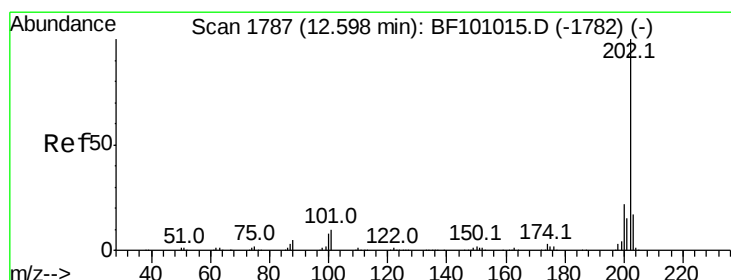
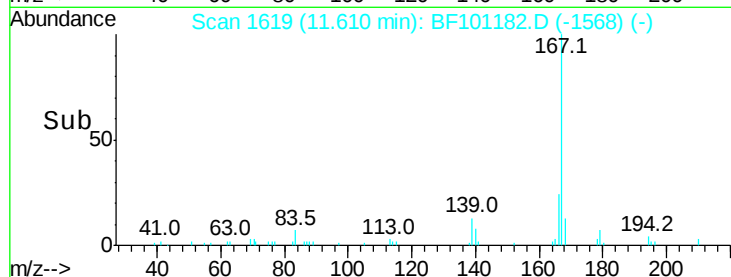
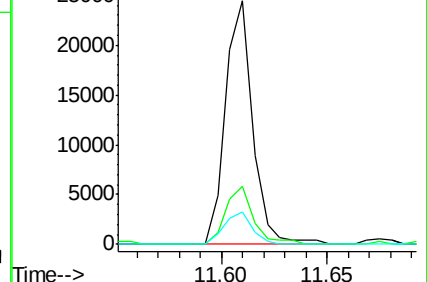
139 13.5 10.9 16.3



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: 79.566 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

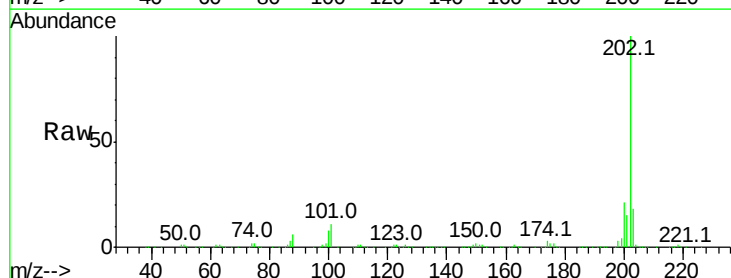
Tgt Ion:202 Resp: 534622

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

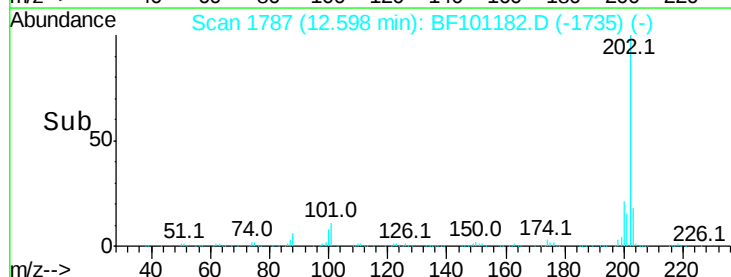
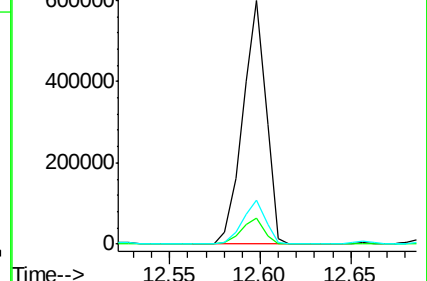
203 18.1 0.0 38.1

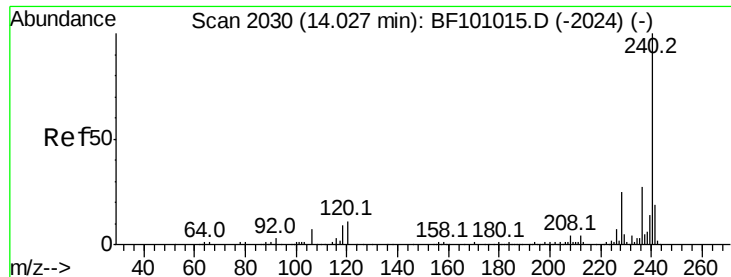


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

Instrument :

BNA_F

ClientSampleId :

SB-11(6-8)-20171129

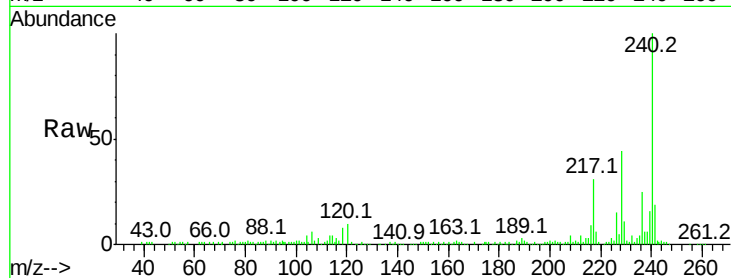
Tot Ion:240 Resp: 101821

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

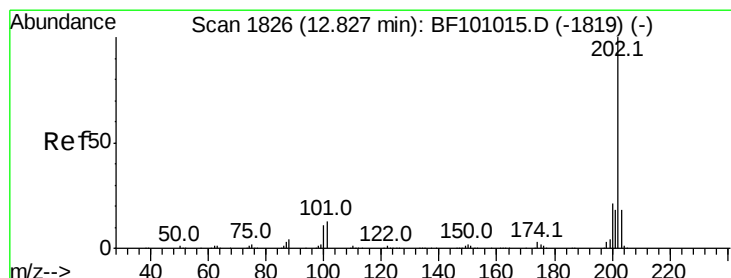
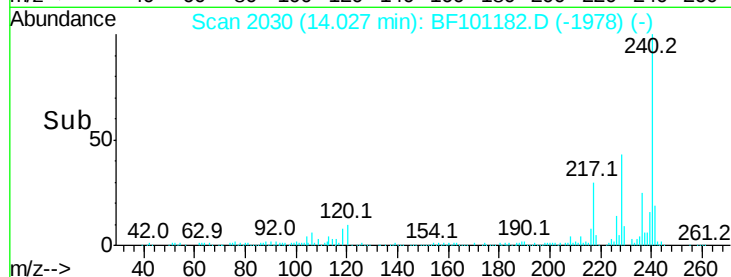
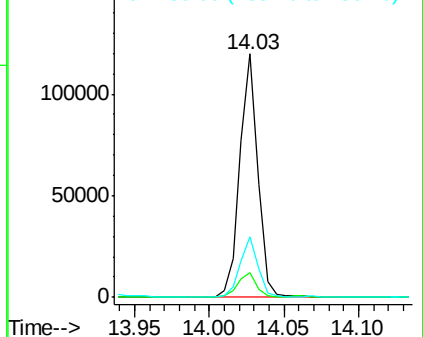
236 24.9 20.7 31.1



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: 72.289 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

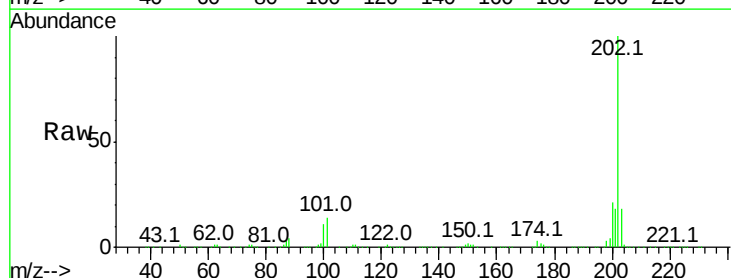
Tgt Ion:202 Resp: 507900

Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

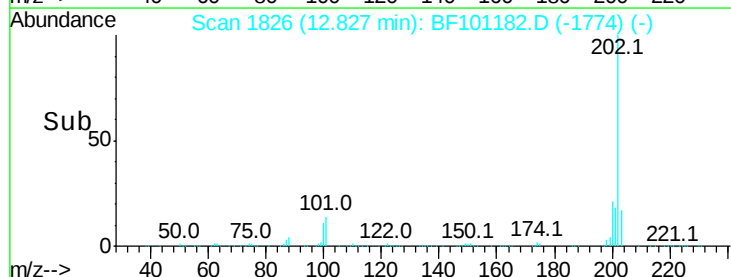
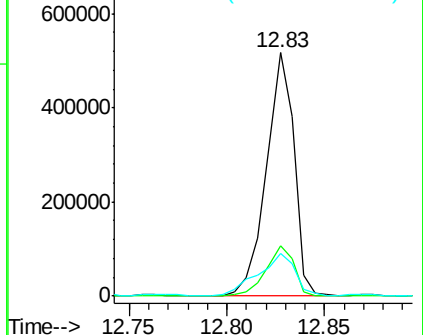
203 17.6 14.3 21.5

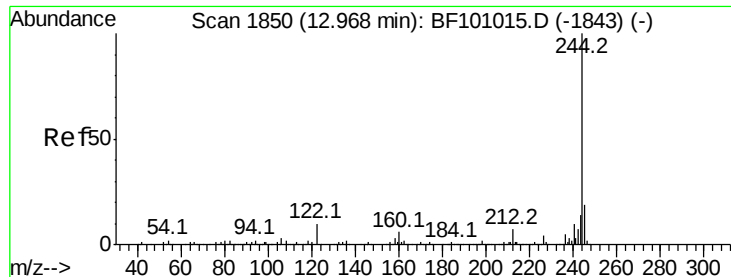


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 27.242 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

Instrument :

BNA_F

ClientSampleId :

SB-11(6-8)-20171129

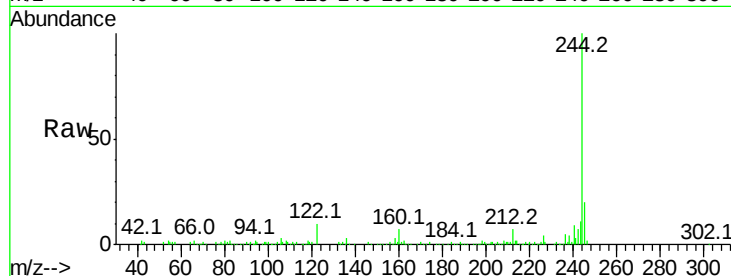
Tot Ion:244 Resp: 126816

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

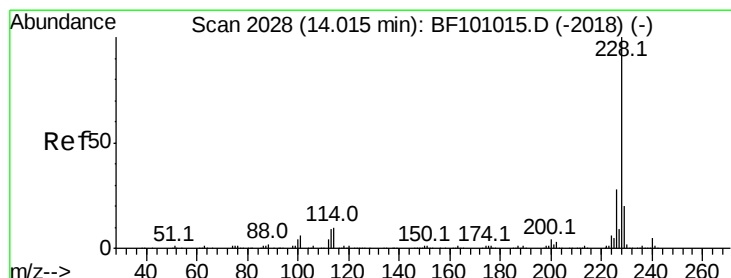
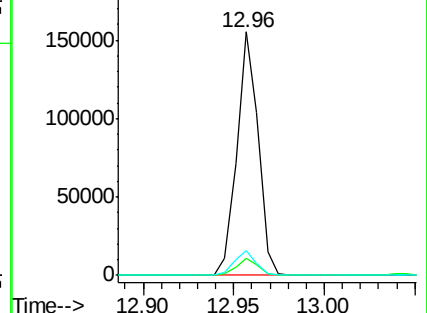
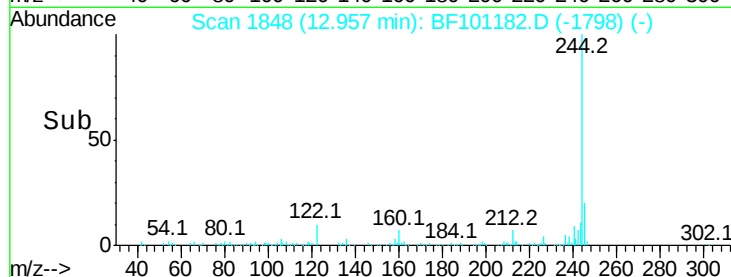
122 10.0 11.0 16.4#



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: 45.878 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

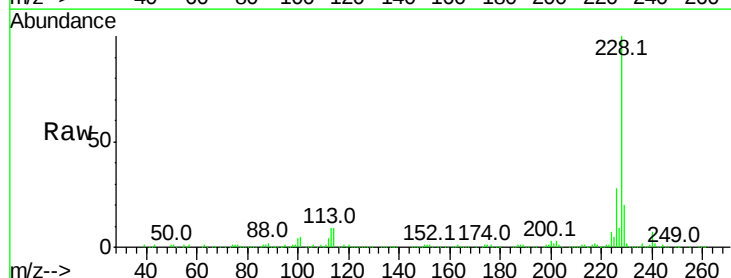
Tgt Ion:228 Resp: 294942

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

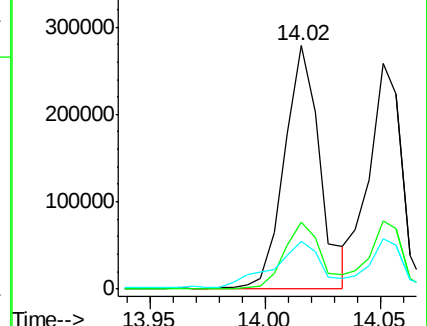
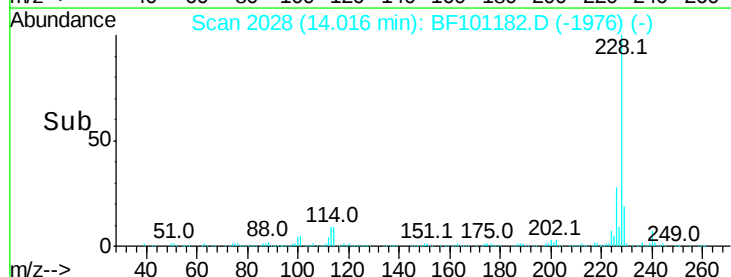
229 19.7 15.8 23.6

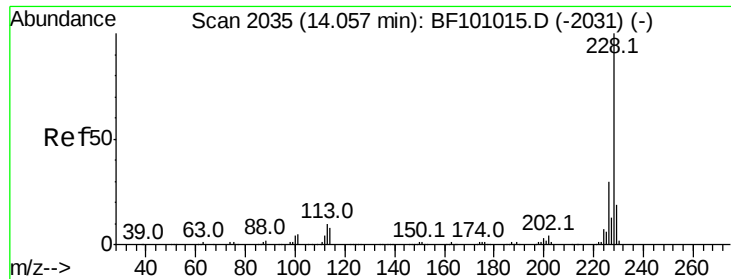


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 42.364 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

Instrument :

BNA_F

ClientSampleId :

SB-11(6-8)-20171129

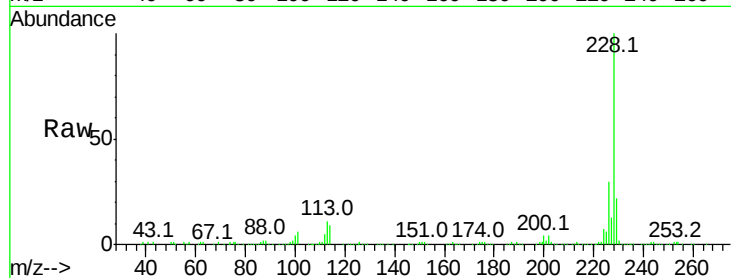
Tot Ion:228 Resp: 252936

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

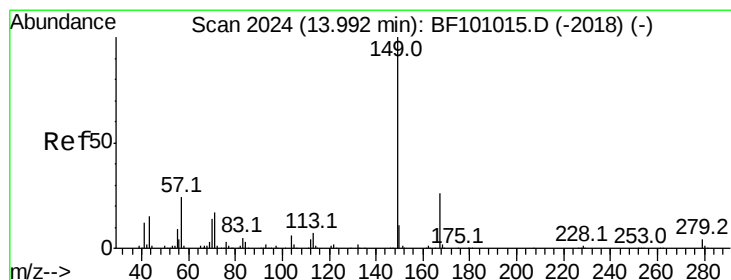
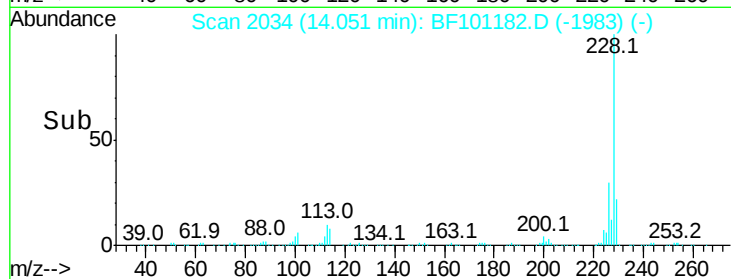
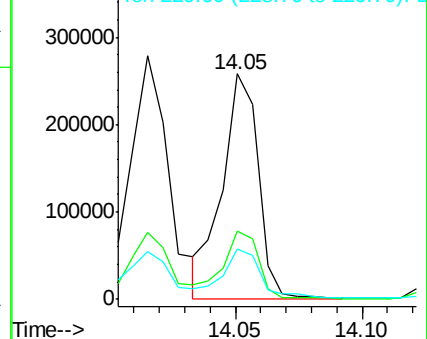
229 22.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 10.358 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

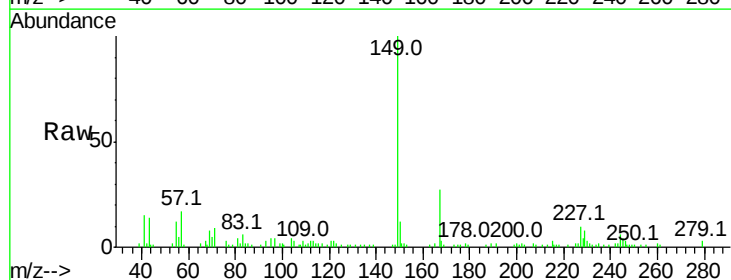
Tgt Ion:149 Resp: 45749

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

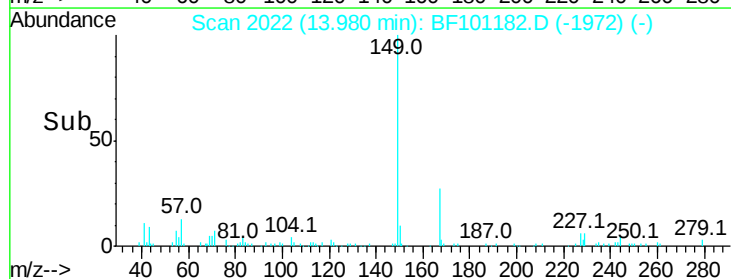
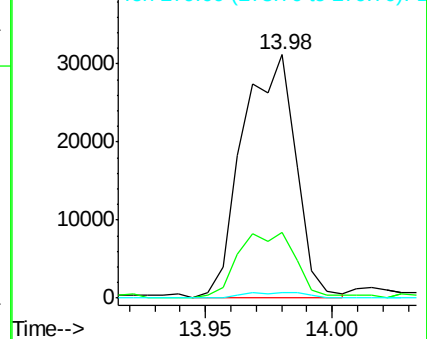
279 2.5 3.0 4.4#

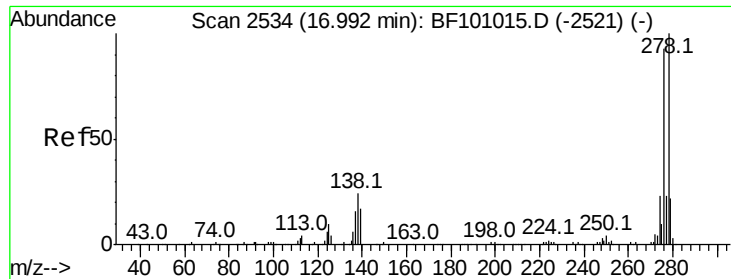


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

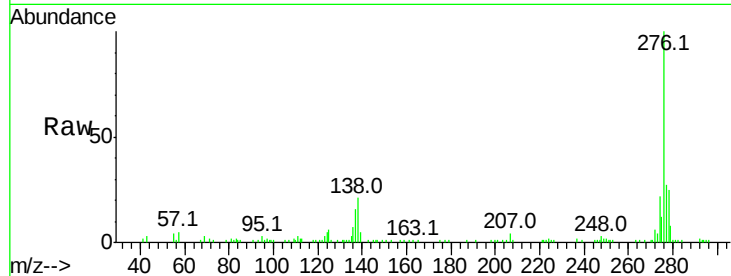




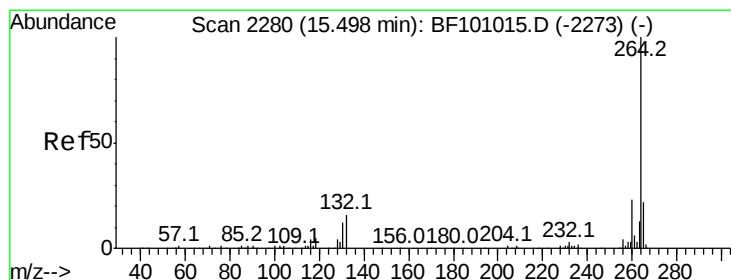
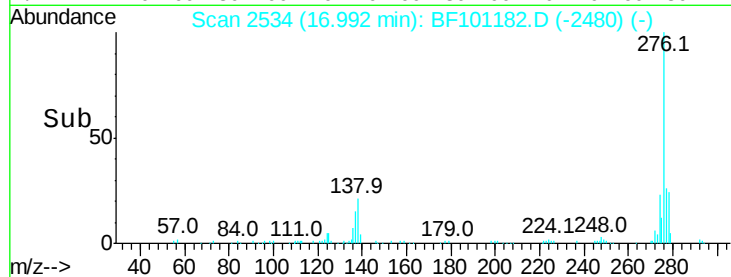
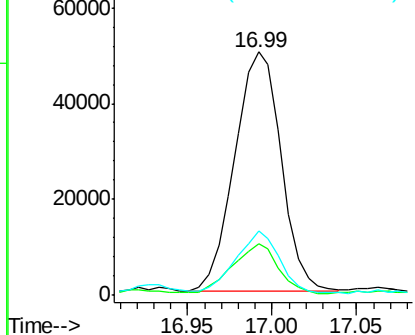
#85
Indeno(1,2,3-cd)pyrene
Concen: 17.944 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BF101182.D
Acq: 6 Dec 2017 21:46

Instrument :
BNA_F
ClientSampleId :
SB-11(6-8)-20171129

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	25.0	37.6#
277	24.2	20.1	30.1

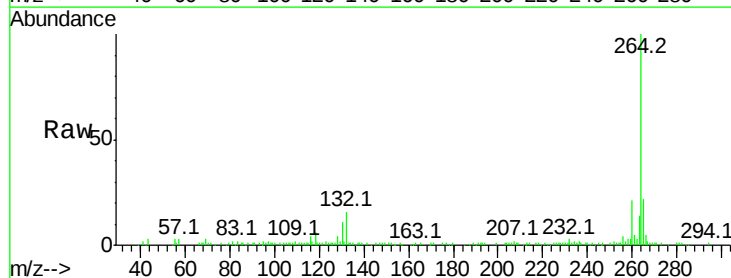


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

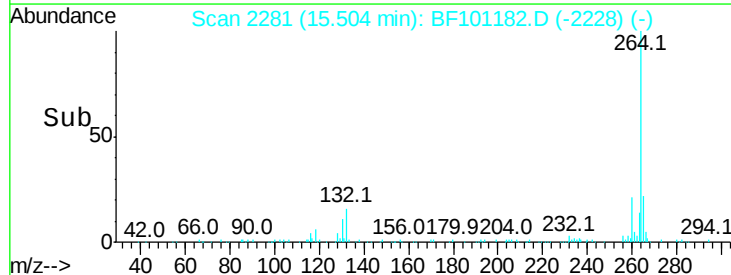
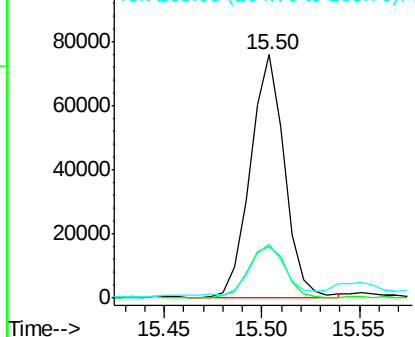


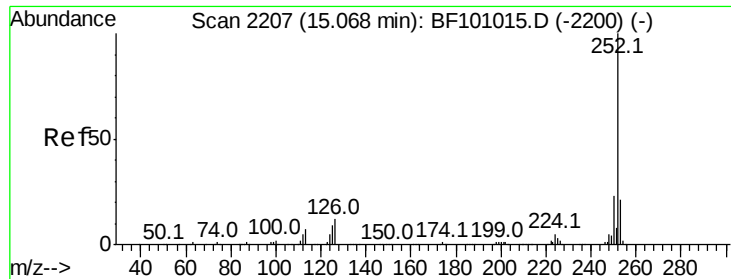
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF101182.D
Acq: 6 Dec 2017 21:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.0	19.2	28.8
265	22.5	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: 66.312 ng

RT: 15.07 min Scan# 2208

Delta R.T. 0.01 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

Instrument :

BNA_F

ClientSampleId :

SB-11(6-8)-20171129

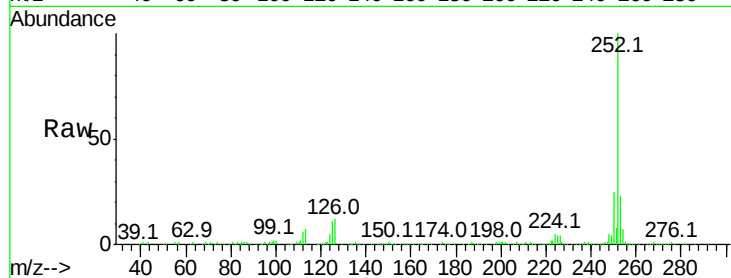
Tot Ion:252 Resp: 365886

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.6

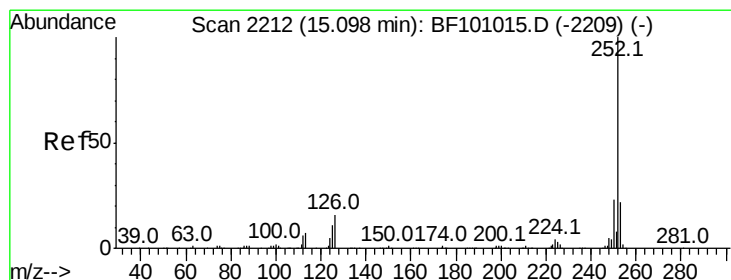
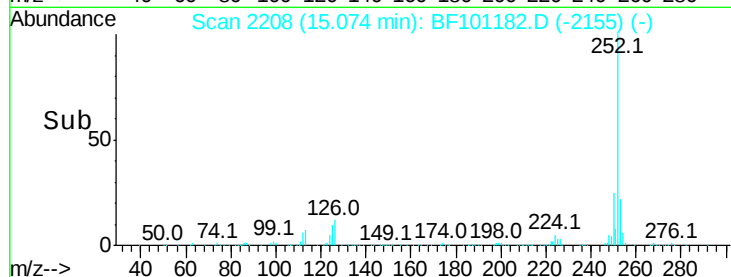
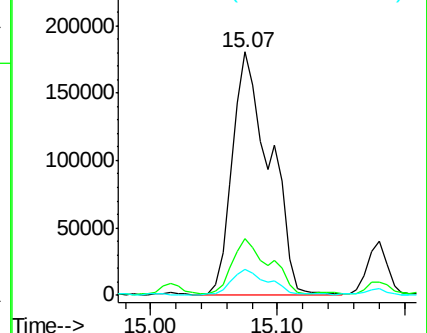
125 10.7 9.0 13.6



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: 67.306 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

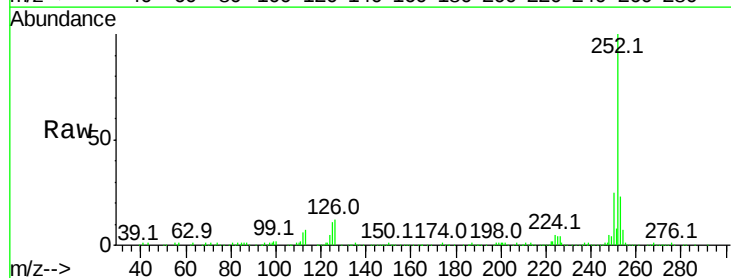
Tgt Ion:252 Resp: 365886

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

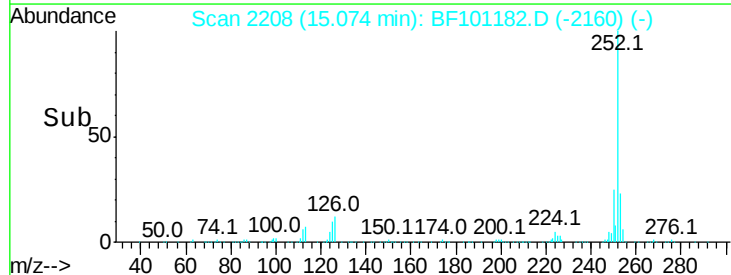
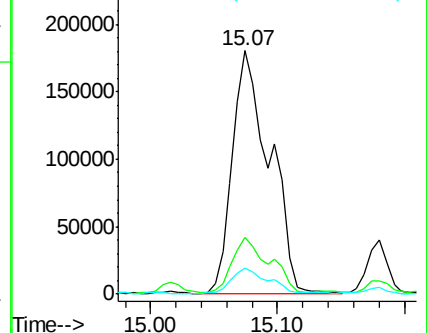
125 10.7 10.2 15.2

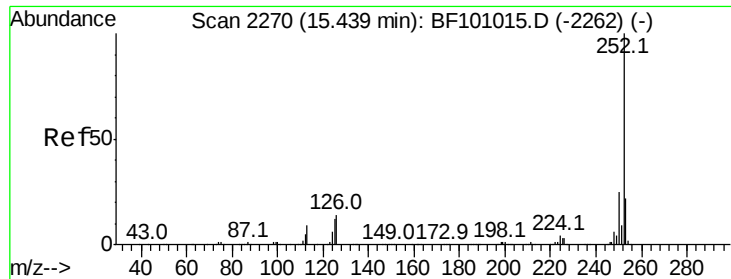


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.799 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

Instrument :

BNA_F

ClientSampleId :

SB-11(6-8)-20171129

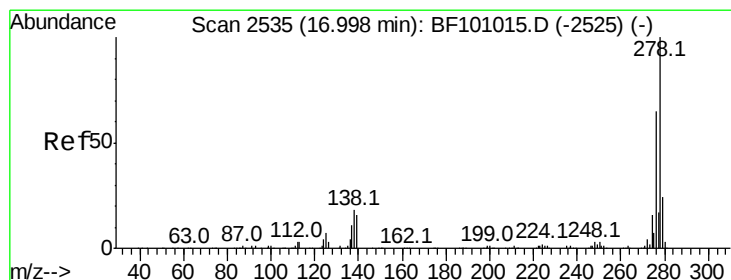
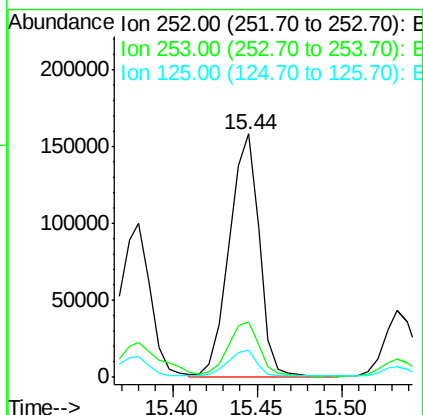
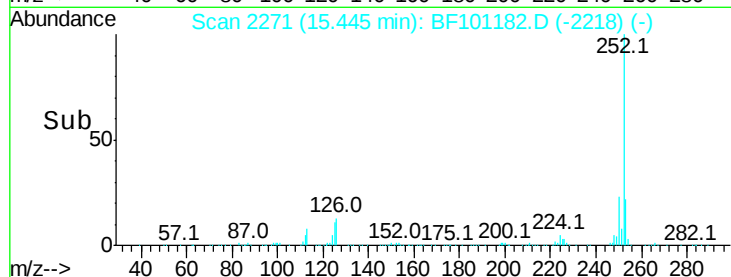
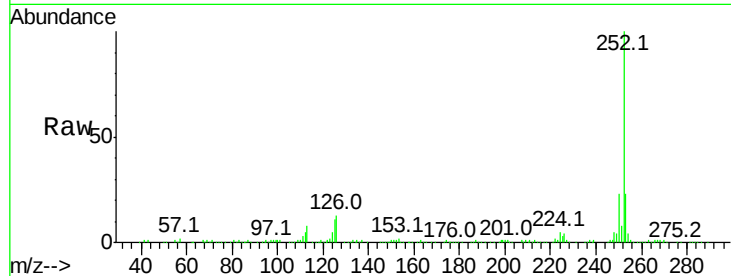
Tot Ion:252 Resp: 194624

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

125 11.1 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 4.664 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.18 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

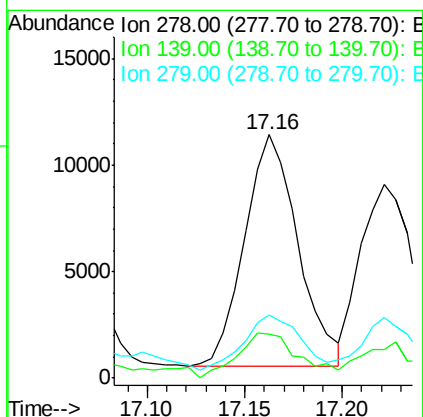
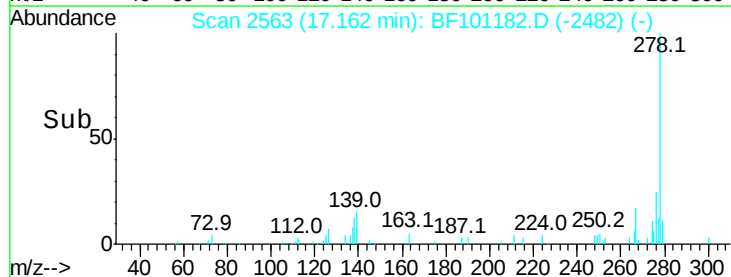
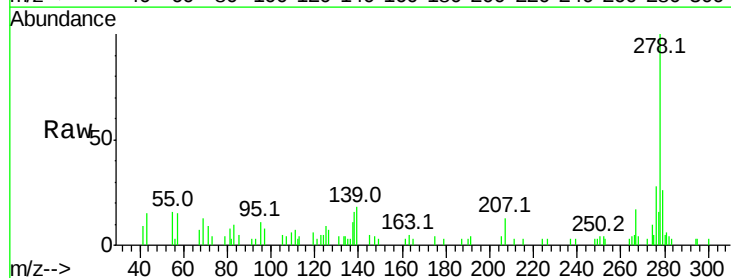
Tgt Ion:278 Resp: 20627

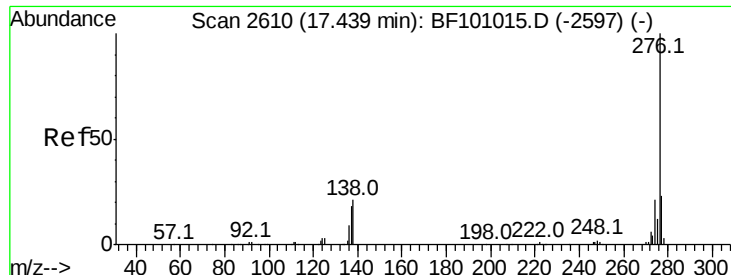
Ion Ratio Lower Upper

278 100

139 18.0 15.9 23.9

279 25.7 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 21.516 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.02 min

Lab File: BF101182.D

Acq: 6 Dec 2017 21:46

Instrument :

BNA_F

ClientSampleId :

SB-11(6-8)-20171129

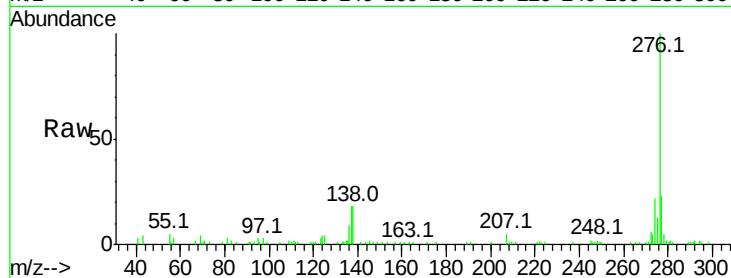
Tot Ion:276 Resp: 89671

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 17.7 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

