

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101051.D
 Acq On : 1 Dec 2017 8:10
 Operator : SJ/JU
 Sample : I6610-16DL 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 10:02:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 09:47:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	56971	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	214177	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	87145	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	134540	20.00	ng	0.00
75) Chrysene-d12	14.02	240	119759	20.00	ng	0.00
86) Perylene-d12	15.50	264	86640	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	178089	51.65	ng	0.00
7) Phenol-d6	6.48	99	212804	50.84	ng	0.00
23) Nitrobenzene-d5	7.42	82	125490	34.95	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	42092	40.21	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	249717	39.21	ng	0.00
78) Terphenyl-d14	12.96	244	185565	33.89	ng	0.00

Target Compounds

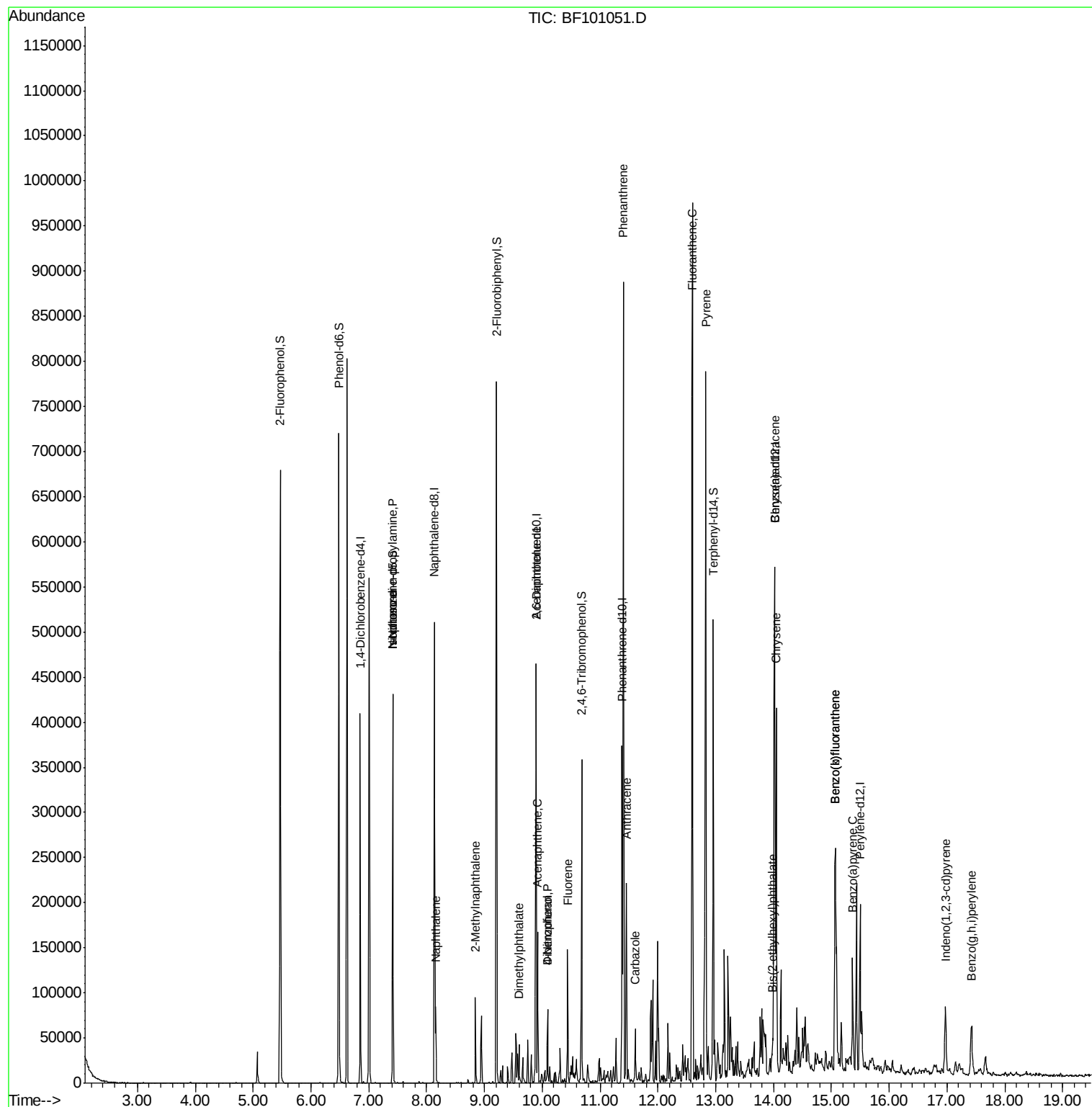
						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	16493	5.851	ng	# 78
25) Isophorone	7.42	82	125490	20.462	ng	# 64
31) Naphthalene	8.16	128	34777	3.295	ng	97
37) 2-Methylnaphthalene	8.85	142	24267	3.383	ng	99
49) Dimethylphthalate	9.60	163	16058	2.285	ng	# 98
50) 2,6-Dinitrotoluene	9.89	165	12167	8.219	ng	# 24
51) Acenaphthene	9.92	154	30226	5.417	ng	100
54) Dibenzofuran	10.09	168	26325	3.274	ng	97
55) 4-Nitrophenol	10.09	139	9816	8.744	ng	# 9
57) Fluorene	10.44	166	40142	6.141	ng	98
70) Phenanthrene	11.40	178	317220	42.815	ng	99
71) Anthracene	11.46	178	89780	11.973	ng	95
72) Carbazole	11.61	167	21846	3.189	ng	96
74) Fluoranthene	12.60	202	378557	46.093	ng	93
77) Pyrene	12.83	202	326596	39.522	ng	98
80) Benzo(a)anthracene	14.02	228	173250	22.912	ng	97
82) Chrysene	14.05	228	151527	21.578	ng	96
83) Bis(2-ethylhexyl)phthalate	13.98	149	15684	3.019	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.97	276	51285	8.214	ng	# 90
87) Benzo(b)fluoranthene	15.07	252	190615	36.731	ng	96
88) Benzo(k)fluoranthene	15.07	252	190615	37.282	ng	96
89) Benzo(a)pyrene	15.37	252	58486	12.397	ng	95
91) Benzo(g,h,i)perylene	17.43	276	47786	12.191	ng	# 91

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

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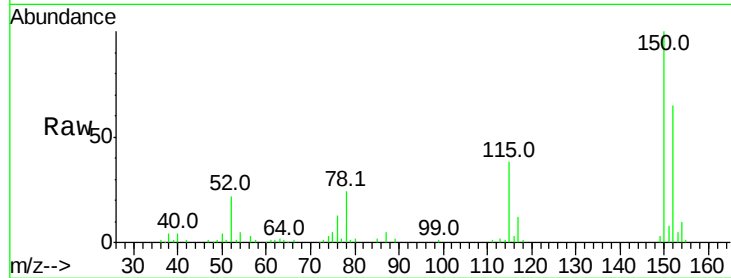


#1

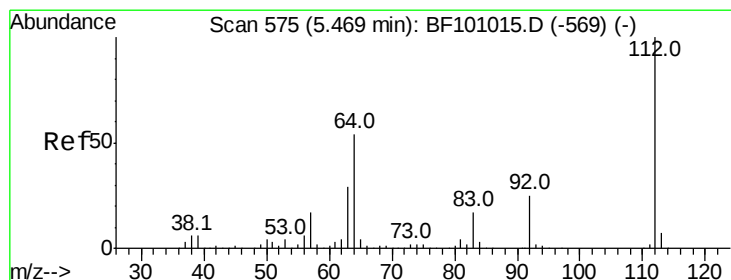
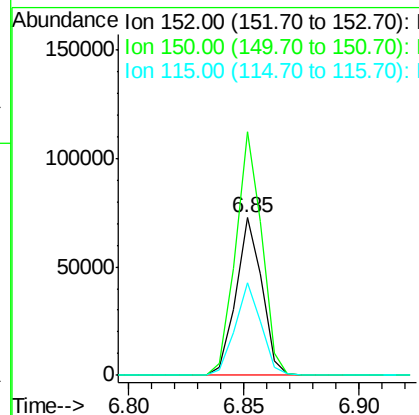
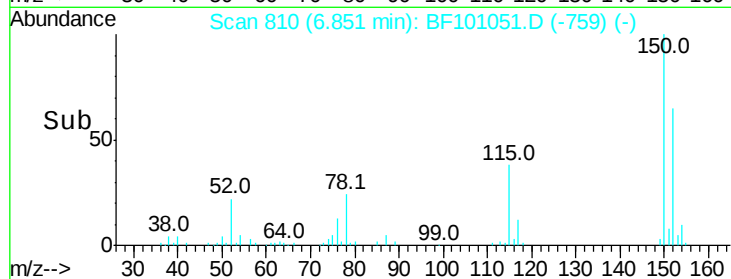
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101051.D
Acq: 1 Dec 2017 8:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 56971
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 58.9 50.1 75.1



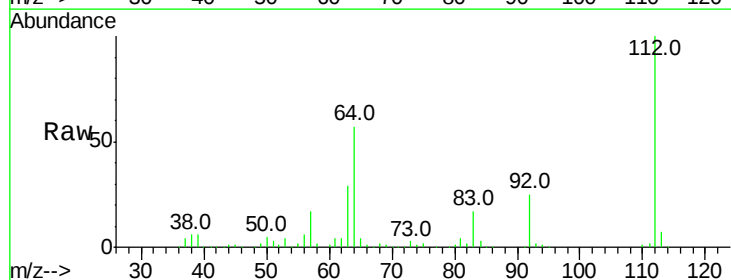
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



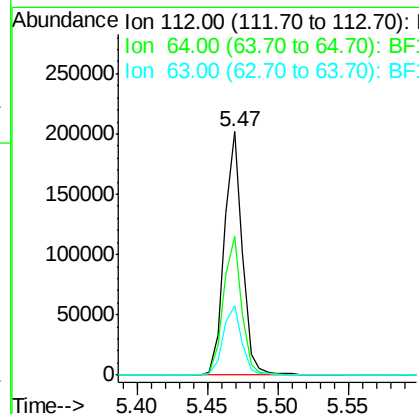
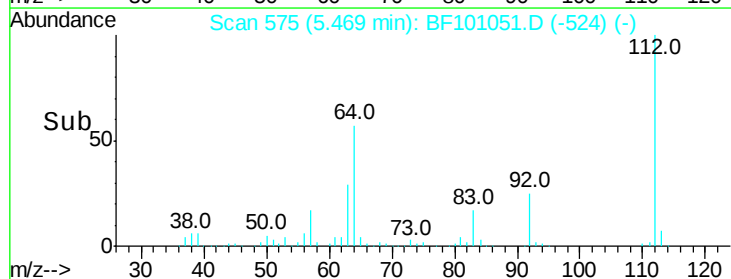
#5

2-Fluorophenol
Concen: 51.655 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF101051.D
Acq: 1 Dec 2017 8:10

Tgt Ion:112 Resp: 178089
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 28.7 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: 50.839 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF101051.D

Acq: 1 Dec 2017 8:10

Instrument :

BNA_F

ClientSampleId :

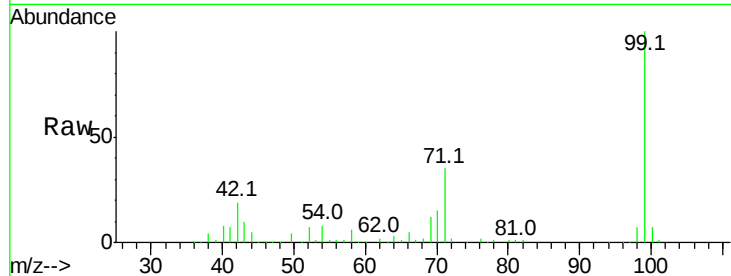
Tot Ion: 99 Resp: 212804

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

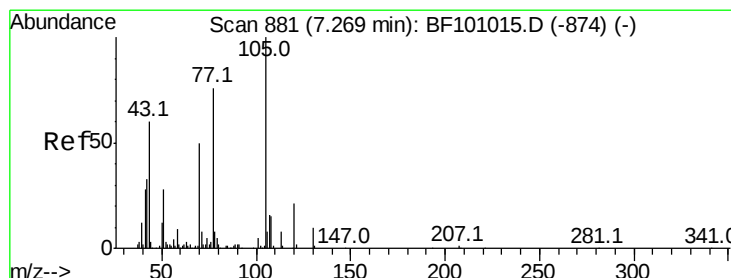
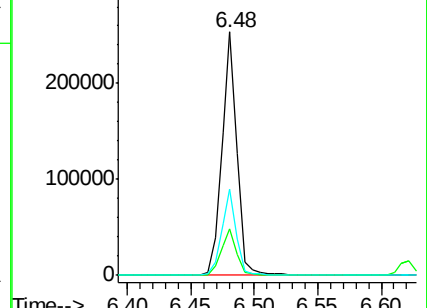
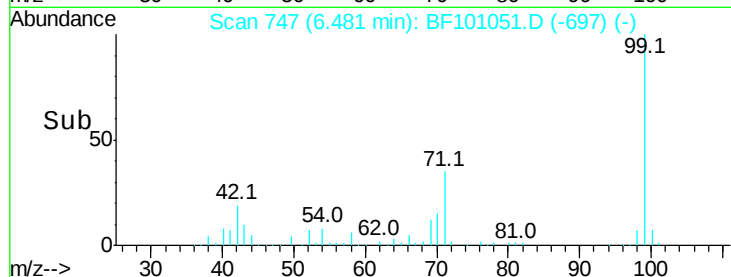
71 35.3 25.4 38.0



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: 5.851 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF101051.D

Acq: 1 Dec 2017 8:10

Tgt Ion: 70 Resp: 16493

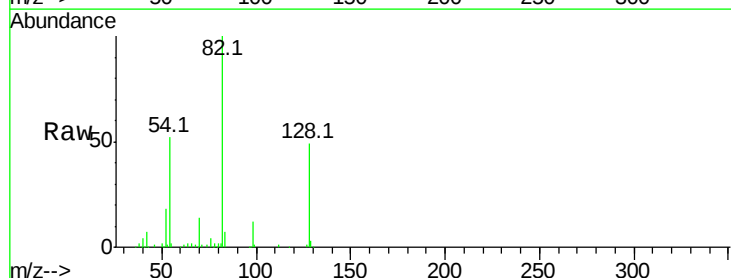
Ion Ratio Lower Upper

70 100

42 48.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

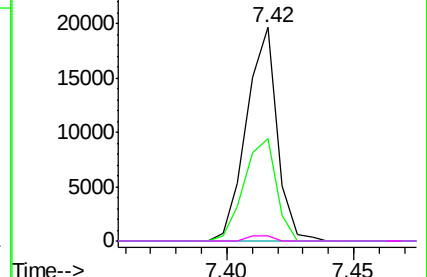
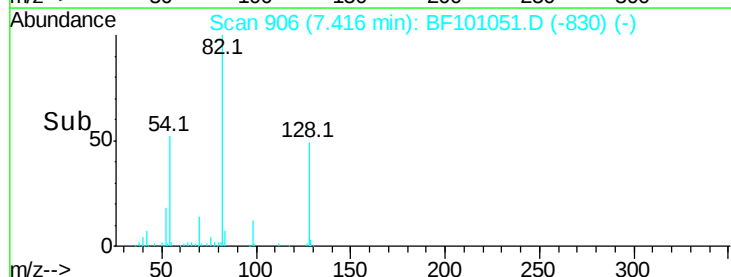


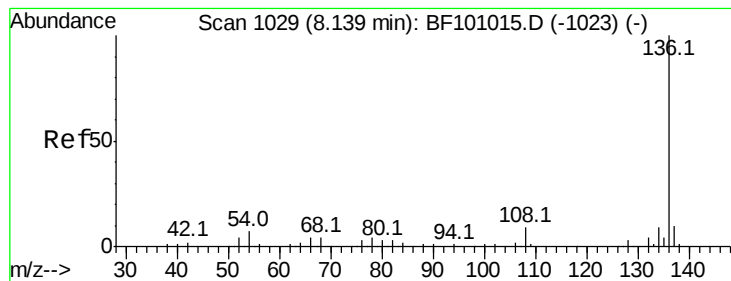
Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1028

Delta R.T. -0.01 min

Lab File: BF101051.D

Acq: 1 Dec 2017 8:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 214177

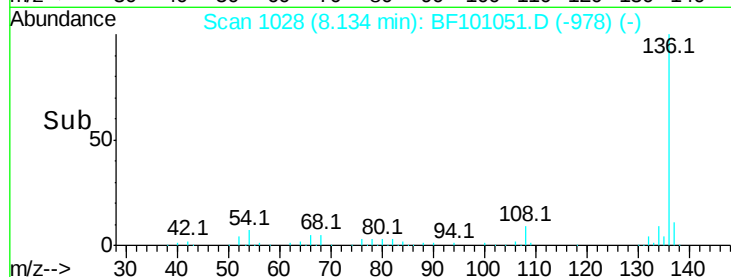
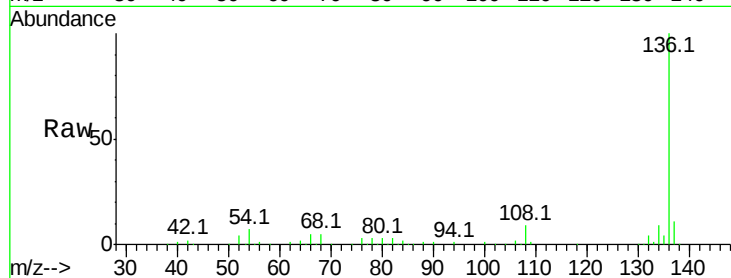
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.4 6.6 9.8

68 4.6 5.0 7.4#

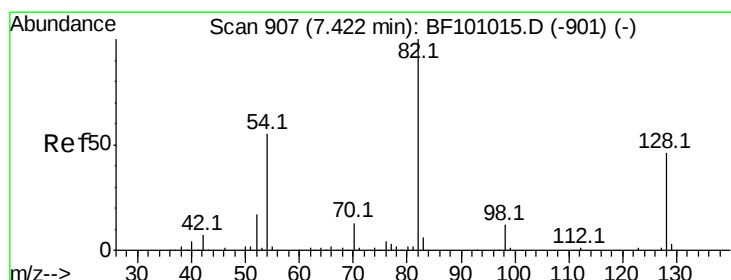
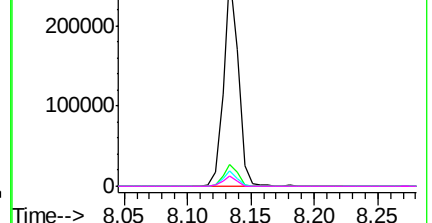


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.952 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF101051.D

Acq: 1 Dec 2017 8:10

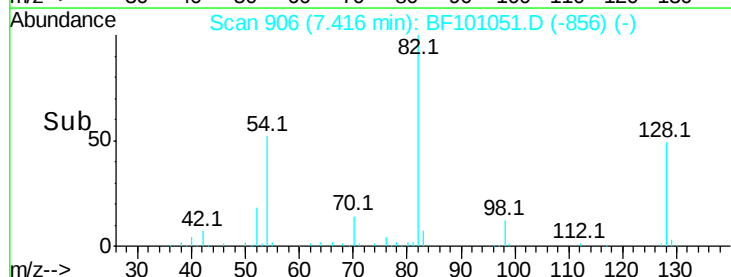
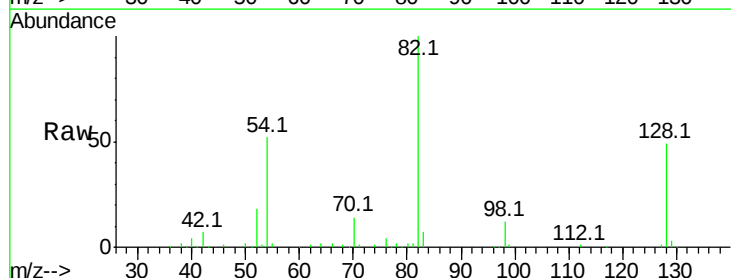
Tgt Ion: 82 Resp: 125490

Ion Ratio Lower Upper

82 100

128 48.8 36.1 54.1

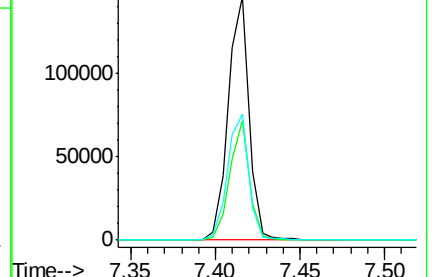
54 51.7 41.4 62.2

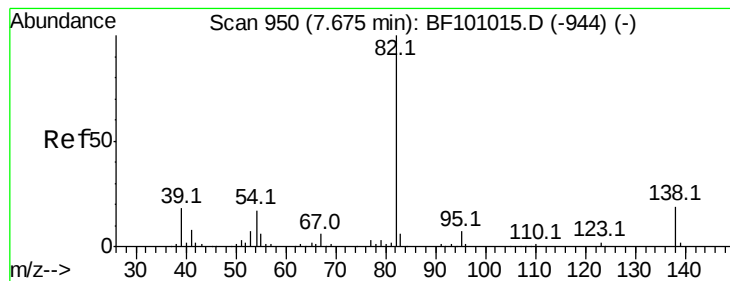


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 20.462 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF101051.D

Acq: 1 Dec 2017 8:10

Instrument :

BNA_F

ClientSampleId :

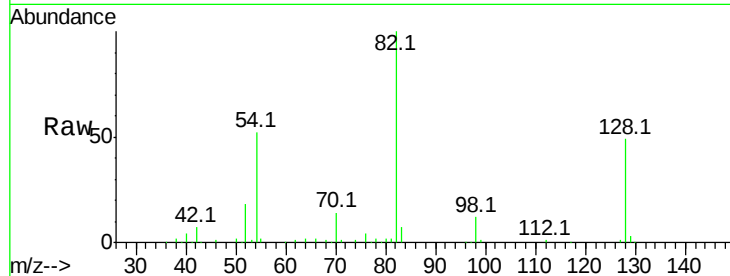
Tot Ion: 82 Resp: 125490

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

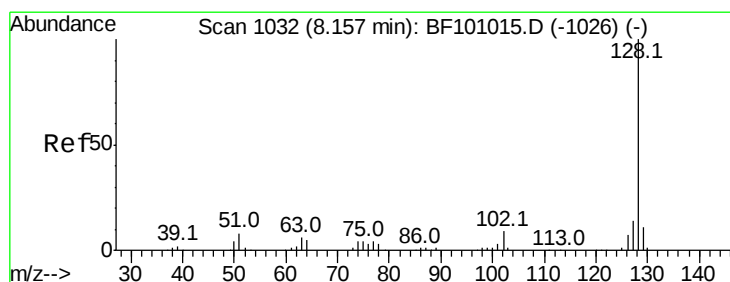
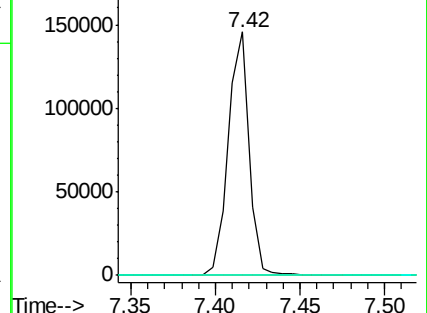
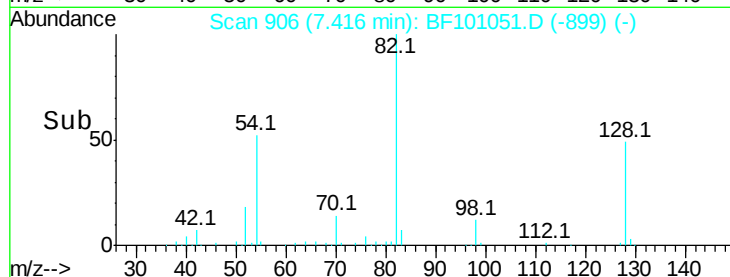
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 3.295 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF101051.D

Acq: 1 Dec 2017 8:10

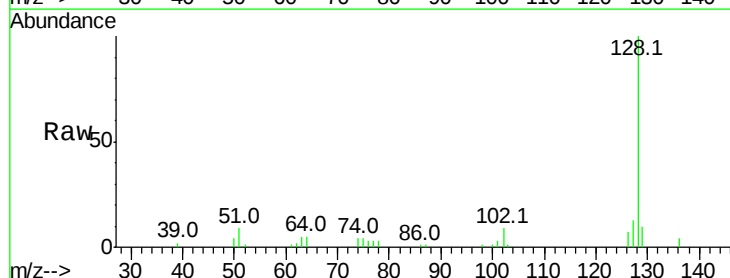
Tgt Ion:128 Resp: 34777

Ion Ratio Lower Upper

128 100

129 9.9 8.8 13.2

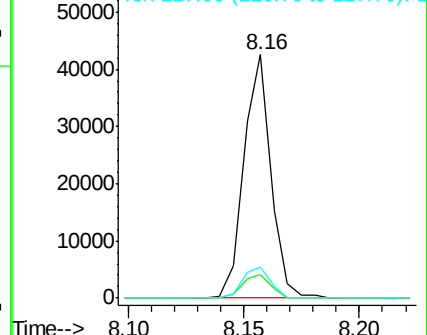
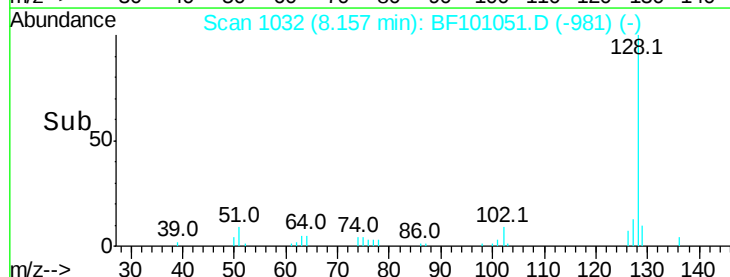
127 12.7 10.9 16.3

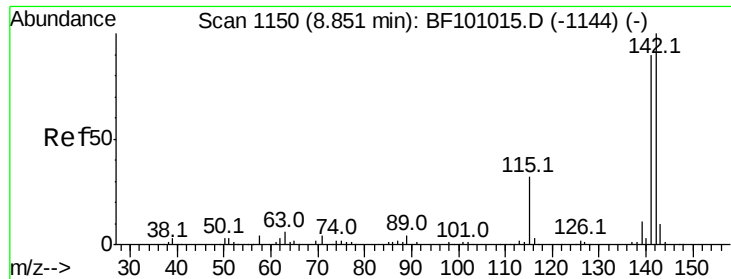


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

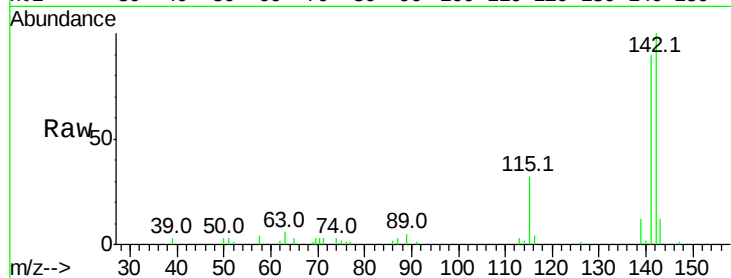




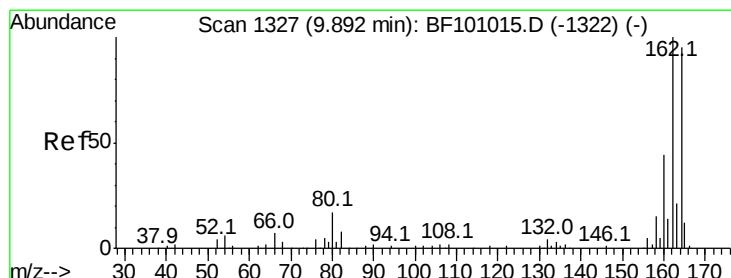
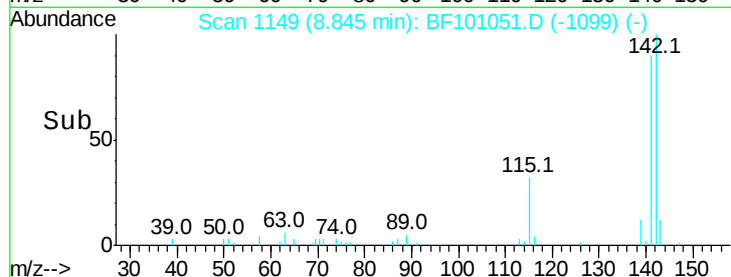
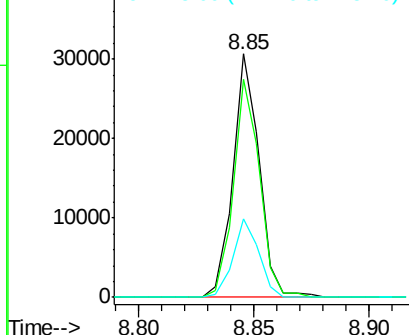
#37
 2-Methylnaphthalene
 Concen: 3.383 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF101051.D
 Acq: 1 Dec 2017 8:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 24267
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.8 106.2
 115 32.1 26.1 39.1

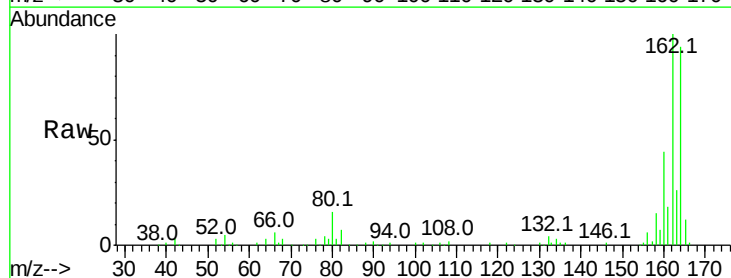


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

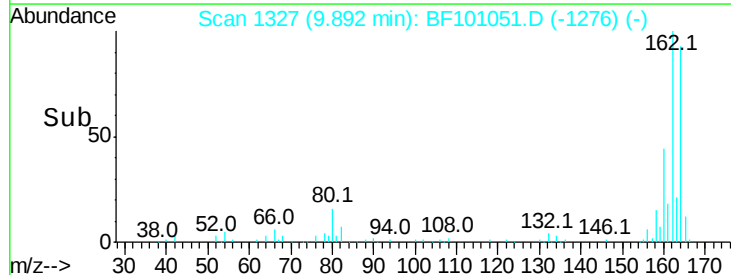
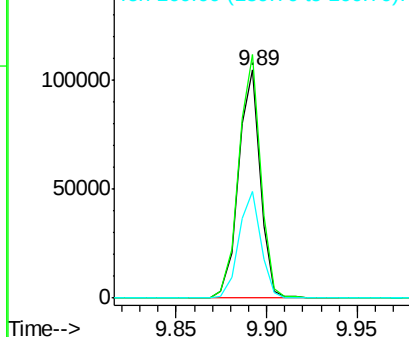


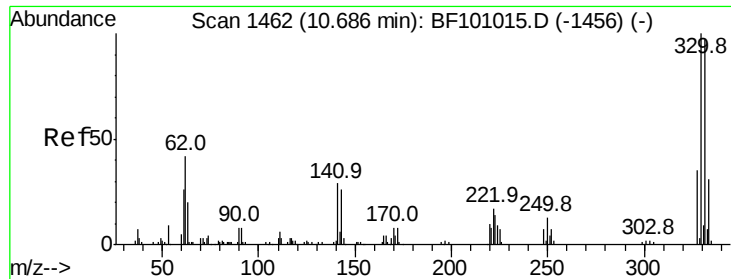
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF101051.D
 Acq: 1 Dec 2017 8:10

Tgt Ion:164 Resp: 87145
 Ion Ratio Lower Upper
 164 100
 162 106.7 86.1 129.1
 160 46.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

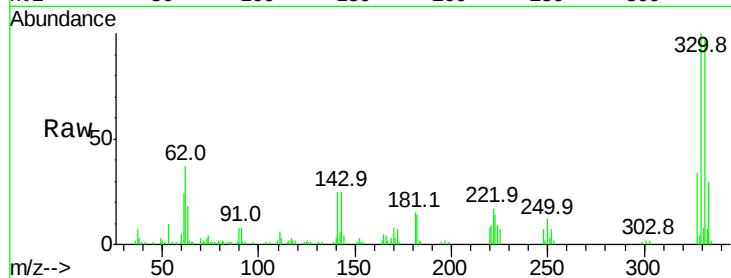




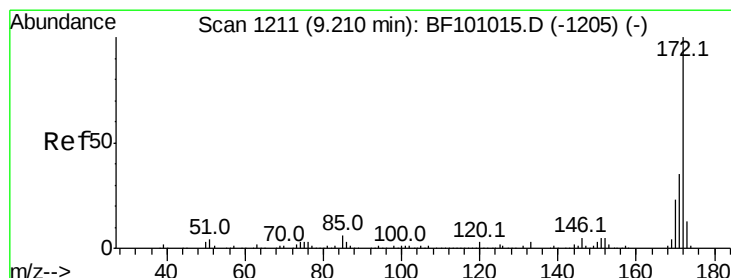
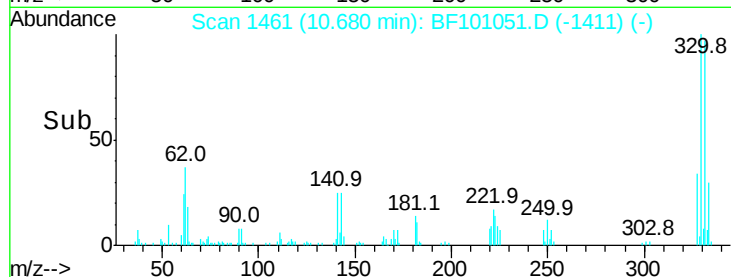
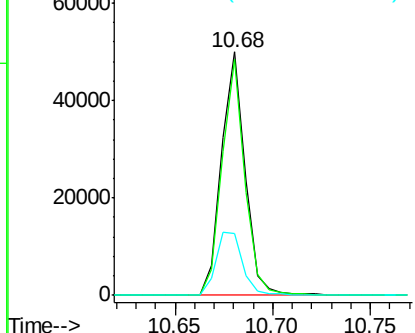
#41
 2,4,6-Tribromophenol
 Concen: 40.208 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF101051.D
 Acq: 1 Dec 2017 8:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 42092
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.0 115.6
 141 29.2 29.9 44.9#

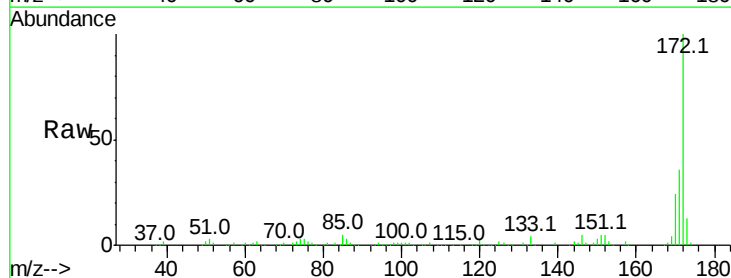


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

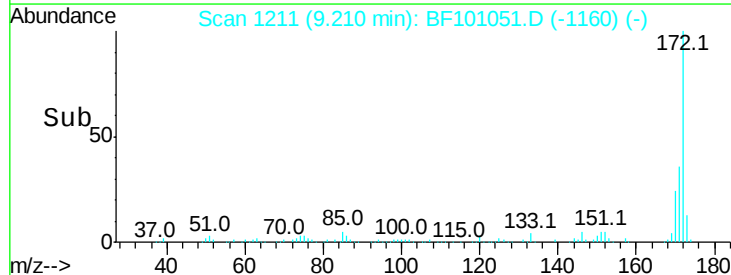
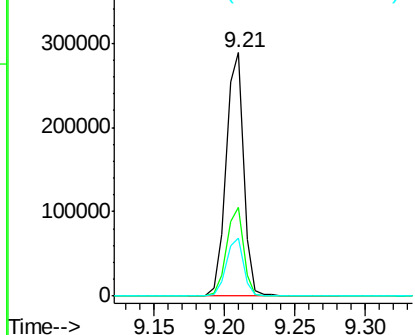


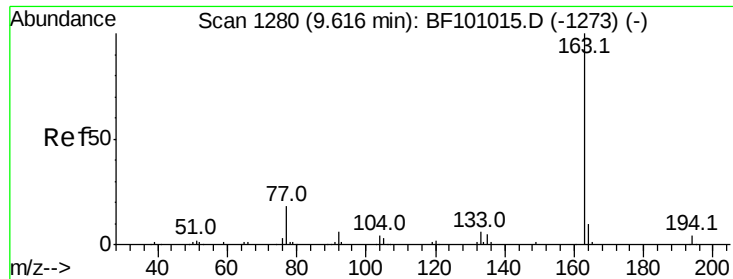
#44
 2-Fluorobiphenyl
 Concen: 39.206 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101051.D
 Acq: 1 Dec 2017 8:10

Tgt Ion:172 Resp: 249717
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.9 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

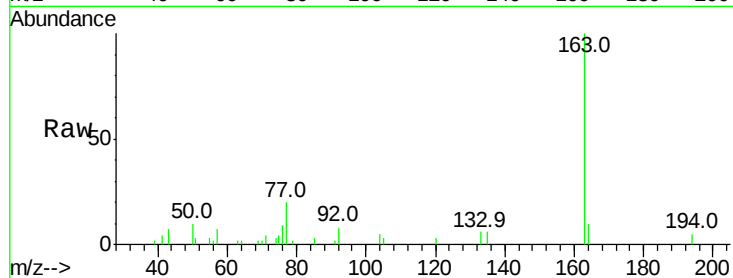




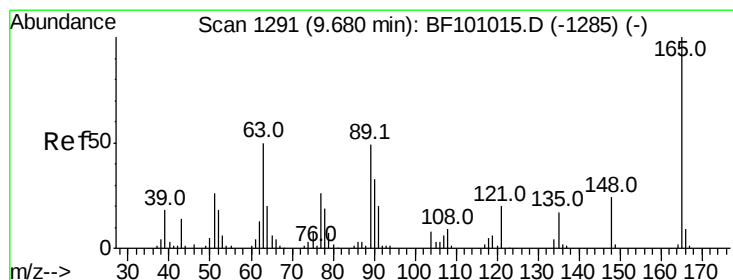
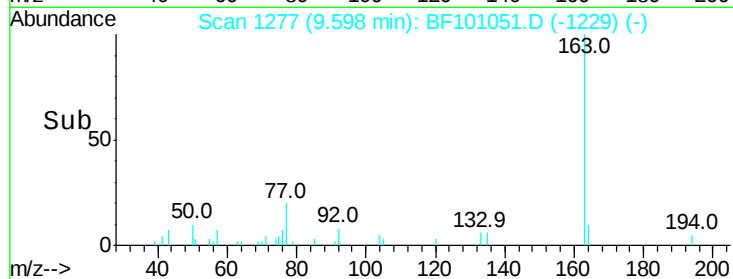
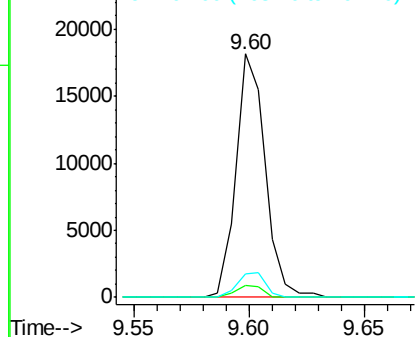
#49
Dimethylphthalate
Concen: 2.285 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF101051.D
Acq: 1 Dec 2017 8:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 16058
Ion Ratio Lower Upper
163 100
194 5.2 2.7 4.1#
164 9.7 8.2 12.2

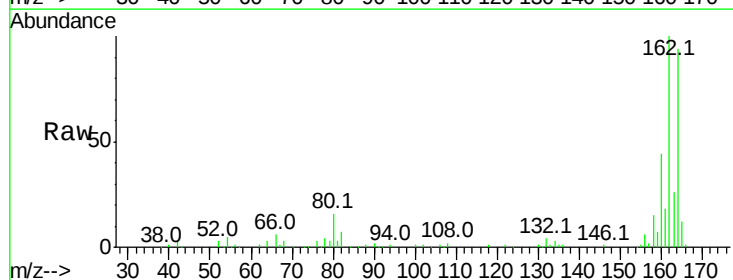


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

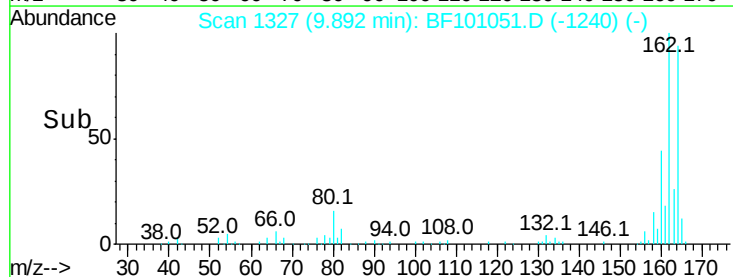
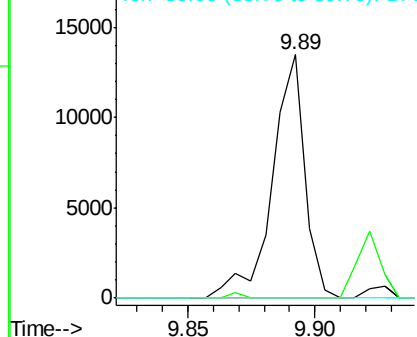


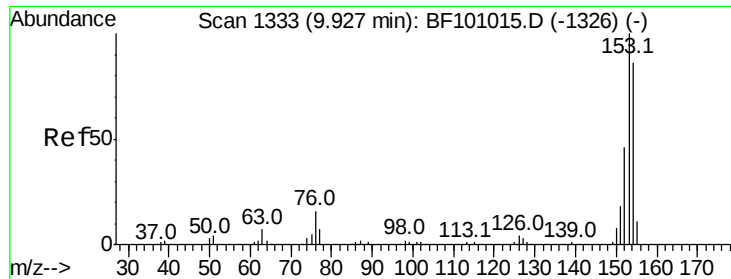
#50
2,6-Dinitrotoluene
Concen: 8.219 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF101051.D
Acq: 1 Dec 2017 8:10

Tgt Ion:165 Resp: 12167
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: 5.417 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF101051.D

Acq: 1 Dec 2017 8:10

Instrument :

BNA_F

ClientSampleId :

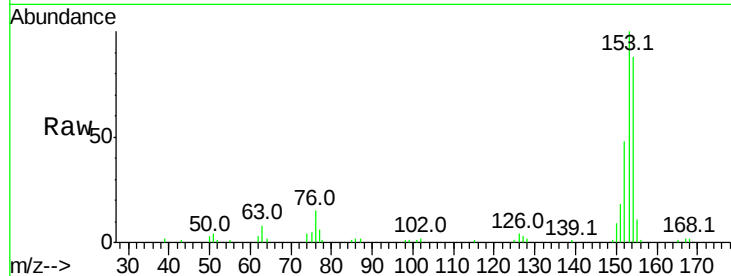
Tot Ion:154 Resp: 30226

Ion Ratio Lower Upper

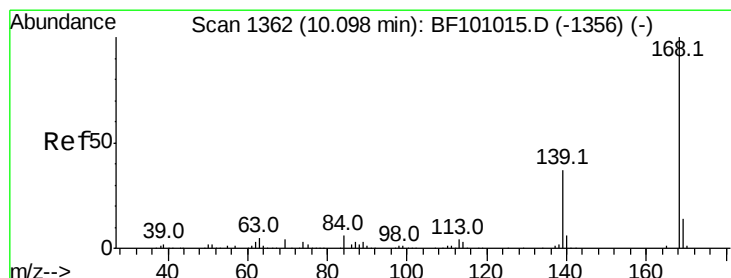
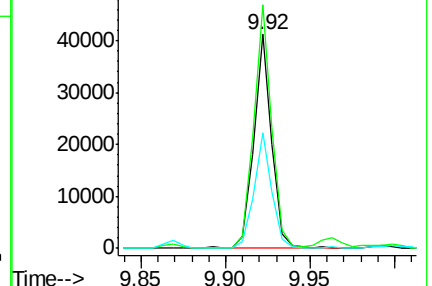
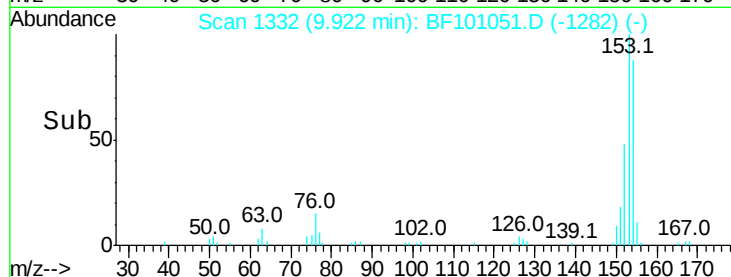
154 100

153 113.9 91.2 136.8

152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 3.274 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF101051.D

Acq: 1 Dec 2017 8:10

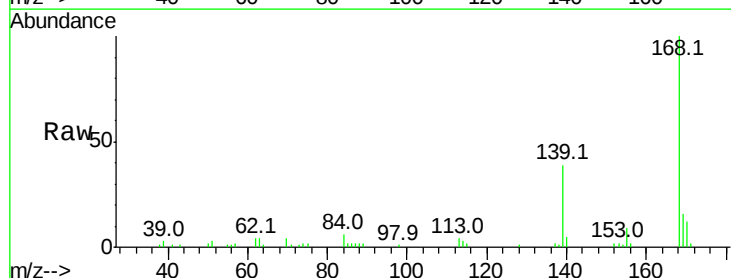
Tgt Ion:168 Resp: 26325

Ion Ratio Lower Upper

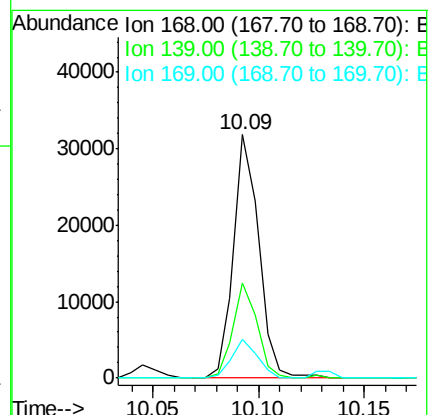
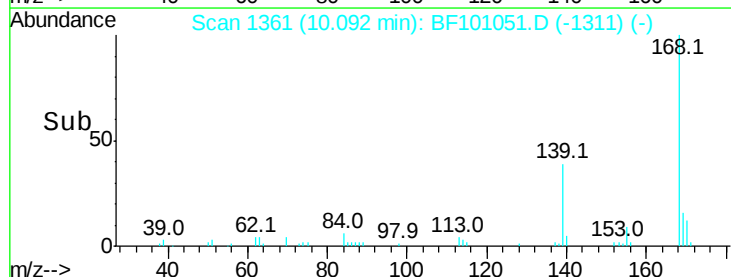
168 100

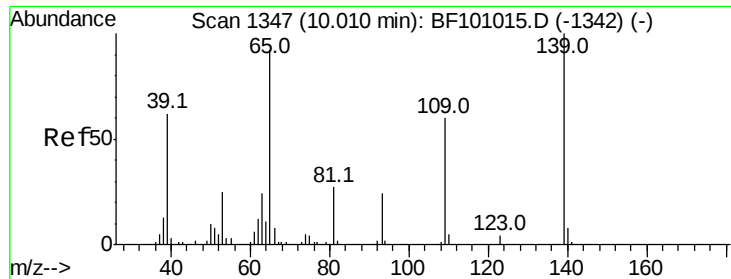
139 38.9 30.1 45.1

169 15.7 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: 8.744 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.08 min

Lab File: BF101051.D

Acq: 1 Dec 2017 8:10

Instrument :

BNA_F

ClientSampleId :

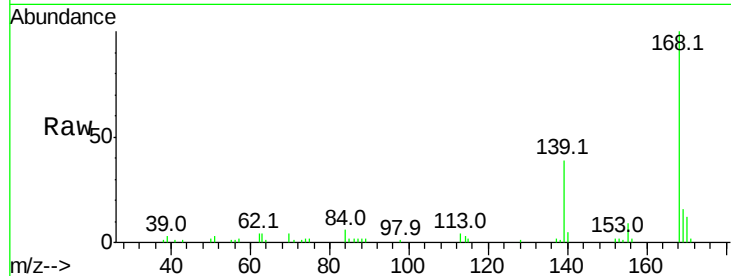
Tot Ion:139 Resp: 9816

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

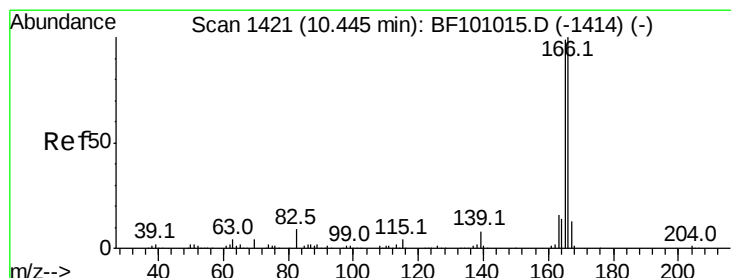
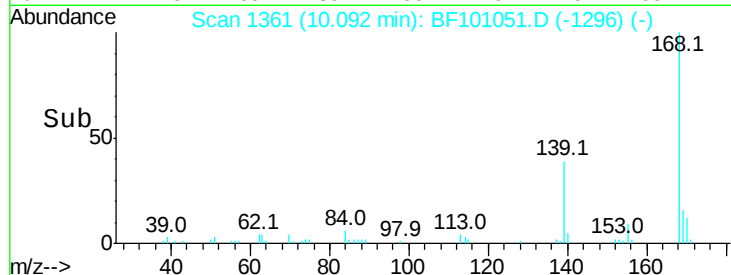
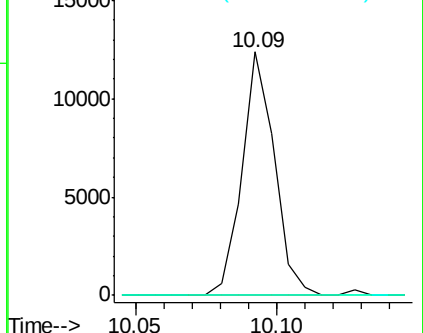
65 0.0 72.6 112.6#



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: 6.141 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF101051.D

Acq: 1 Dec 2017 8:10

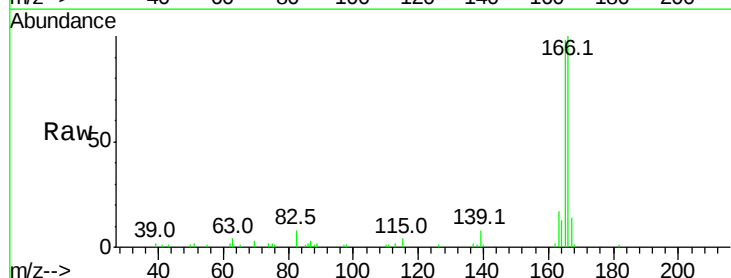
Tgt Ion:166 Resp: 40142

Ion Ratio Lower Upper

166 100

165 97.6 79.8 119.8

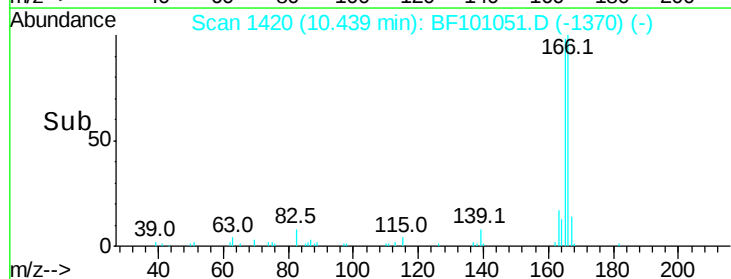
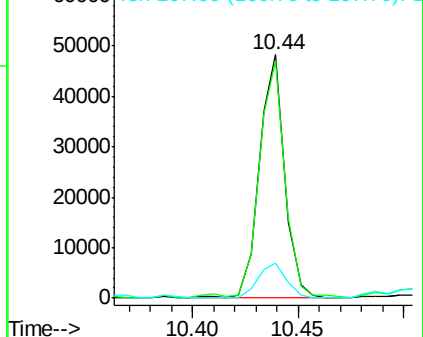
167 14.3 10.6 16.0

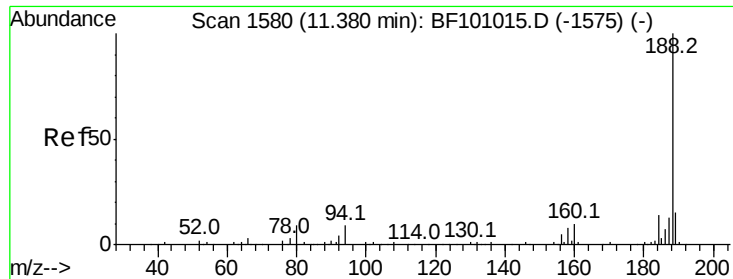


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

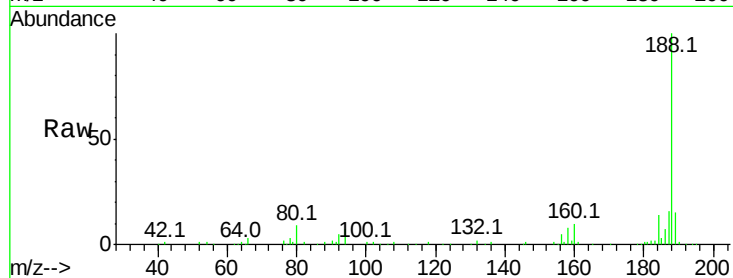




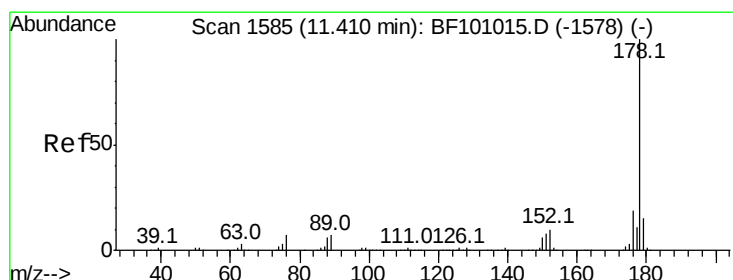
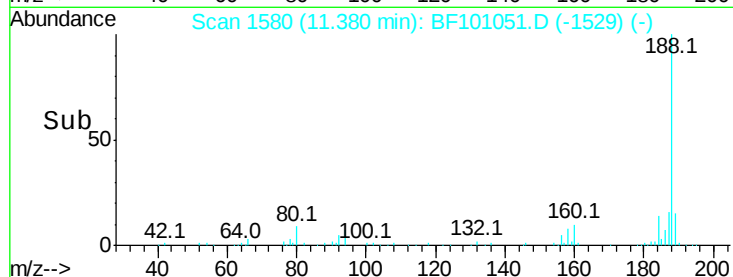
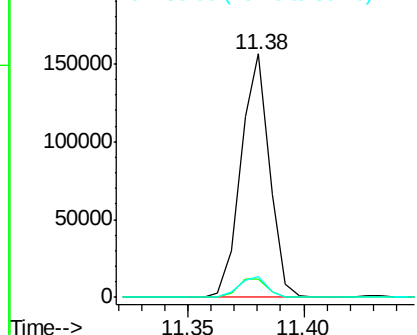
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101051.D
Acq: 1 Dec 2017 8:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 134540
Ion Ratio Lower Upper
188 100
94 7.4 8.5 12.7#
80 8.6 9.2 13.8#

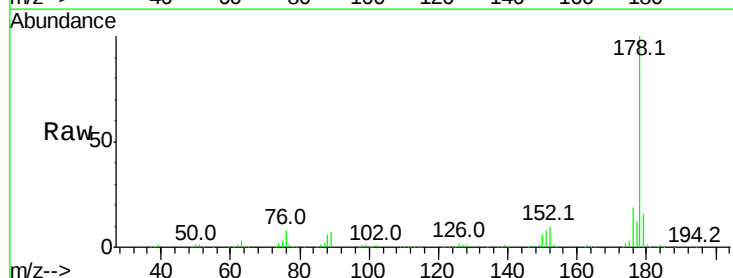


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

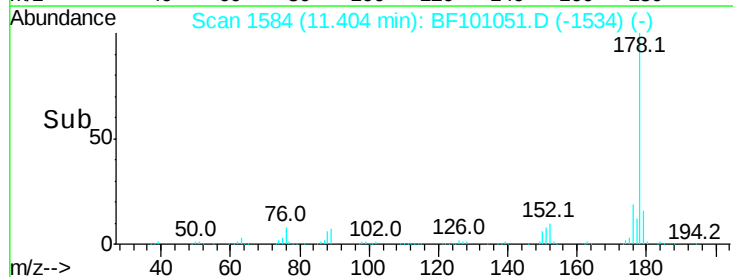
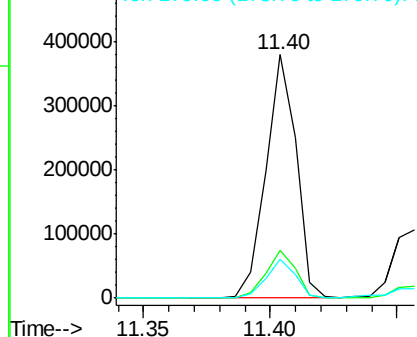


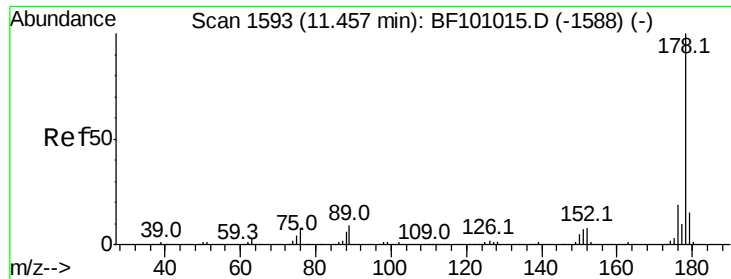
#70
Phenanthrene
Concen: 42.815 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF101051.D
Acq: 1 Dec 2017 8:10

Tgt Ion:178 Resp: 317220
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.7 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

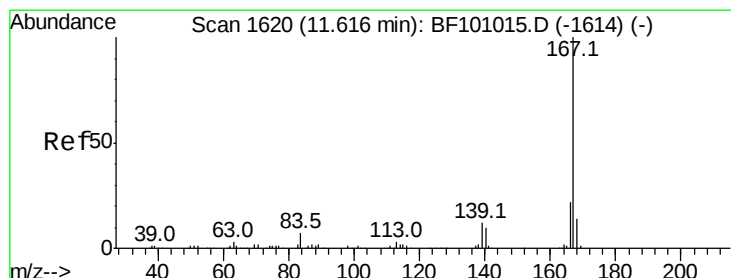
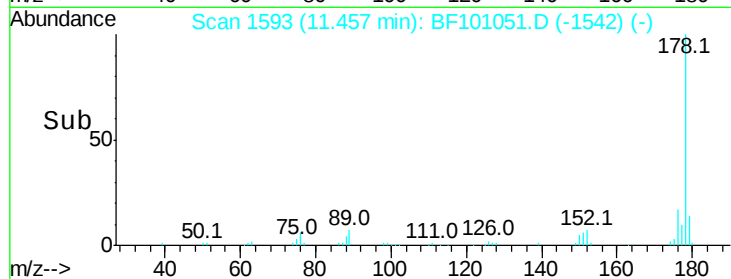
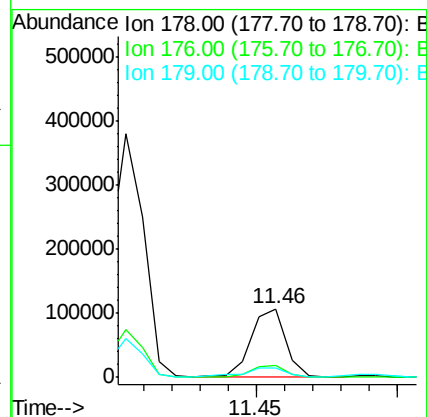
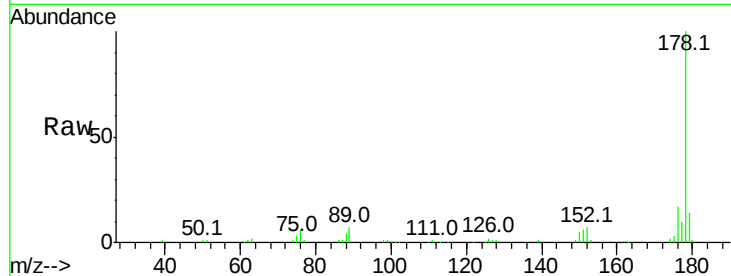




#71
 Anthracene
 Concen: 11.973 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF101051.D
 Acq: 1 Dec 2017 8:10

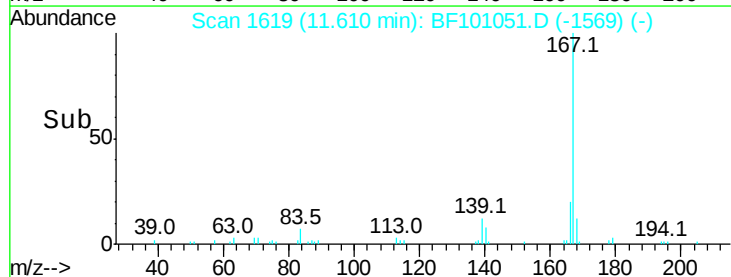
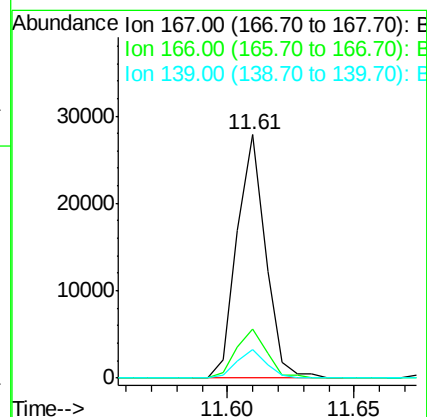
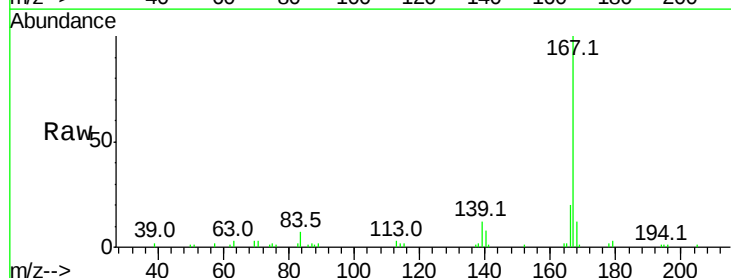
Instrument :
 BNA_F
 ClientSampleId :

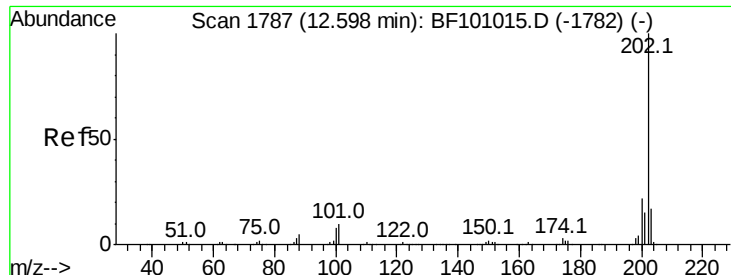
Tot Ion:178 Resp: 89780
 Ion Ratio Lower Upper
 178 100
 176 17.2 15.4 23.2
 179 13.5 12.6 19.0



#72
 Carbazole
 Concen: 3.189 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF101051.D
 Acq: 1 Dec 2017 8:10

Tgt Ion:167 Resp: 21846
 Ion Ratio Lower Upper
 167 100
 166 20.1 17.6 26.4
 139 11.5 10.9 16.3

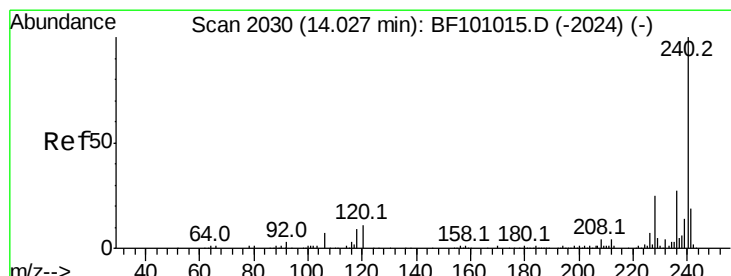
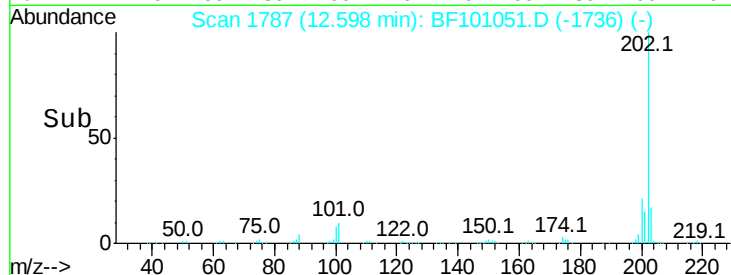
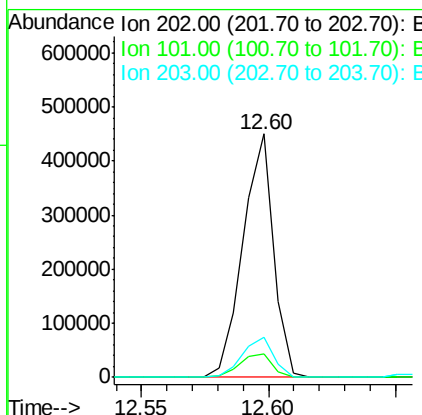
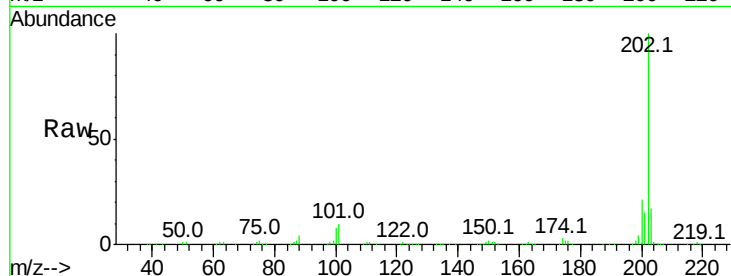




#74
 Fluoranthene
 Concen: 46.093 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF101051.D
 Acq: 1 Dec 2017 8:10

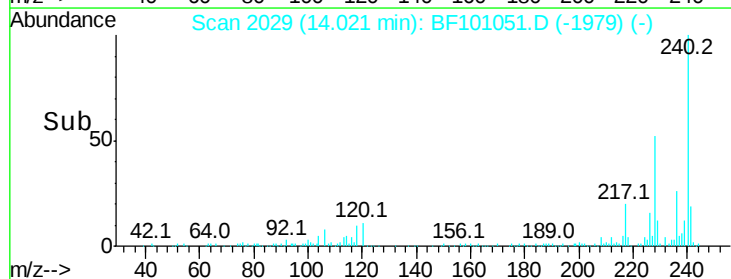
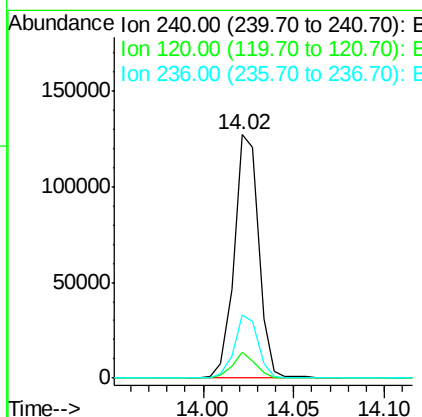
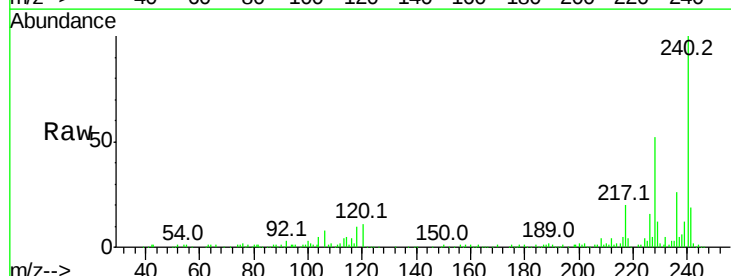
Instrument :
 BNA_F
 ClientSampleId :

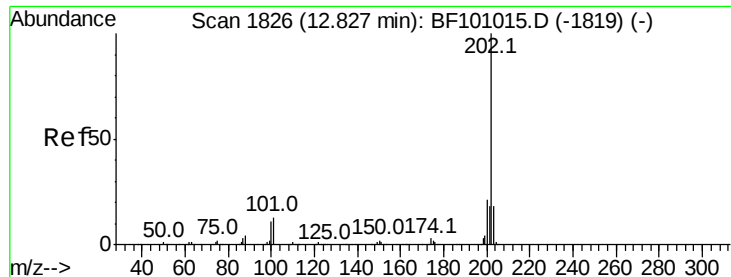
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	16.7	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF101051.D
 Acq: 1 Dec 2017 8:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.1	20.7	31.1





#77

Pvrene

Concen: 39.522 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF101051.D

Acq: 1 Dec 2017 8:10

Instrument :

BNA_F

ClientSampleId :

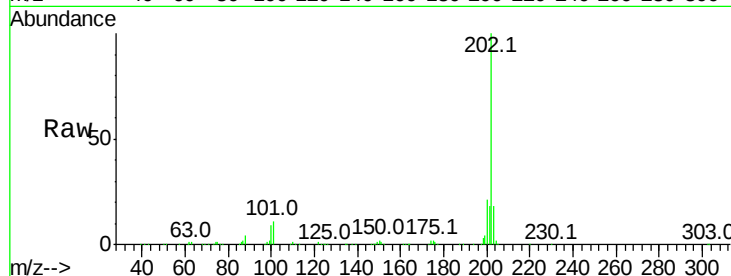
Tot Ion:202 Resp: 326596

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

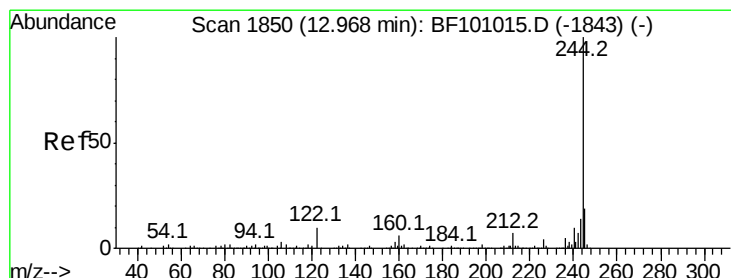
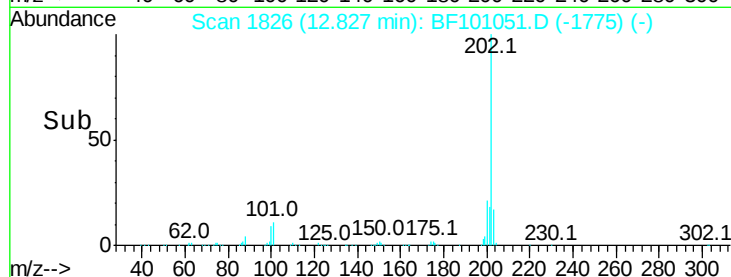
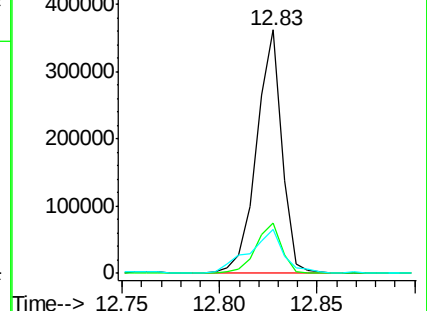
203 17.8 14.3 21.5



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: 33.891 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF101051.D

Acq: 1 Dec 2017 8:10

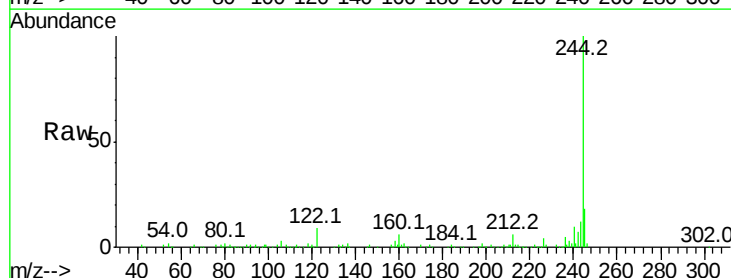
Tgt Ion:244 Resp: 185565

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

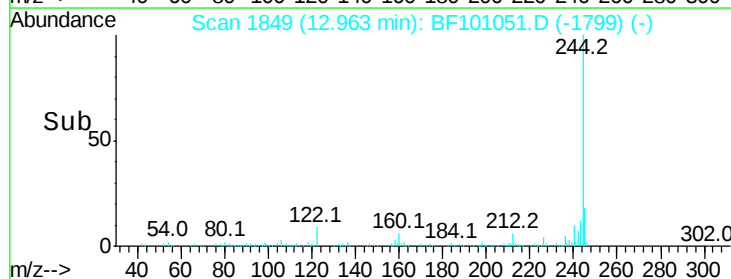
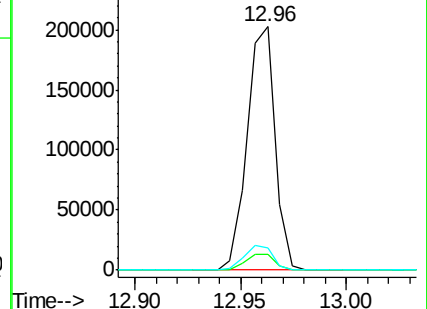
122 9.0 11.0 16.4#

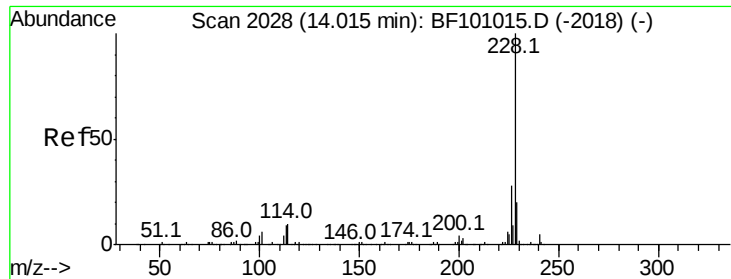


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

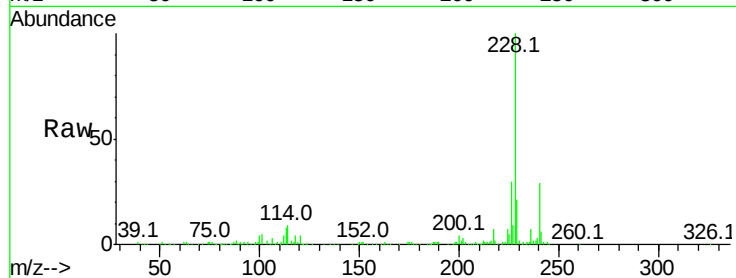




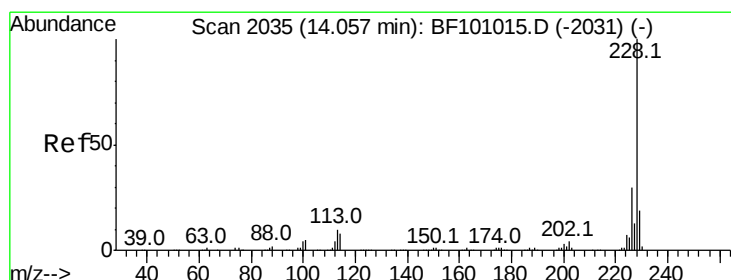
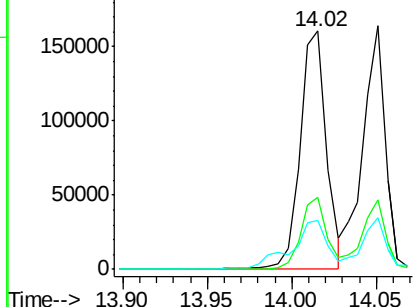
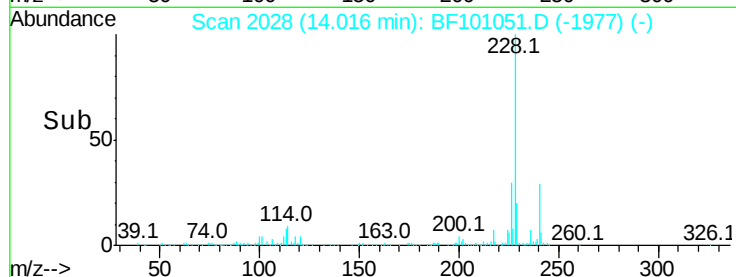
#80
Benzo(a)anthracene
Concen: 22.912 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF101051.D
Acq: 1 Dec 2017 8:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 173250
Ion Ratio Lower Upper
228 100
226 30.4 22.6 33.8
229 20.7 15.8 23.6

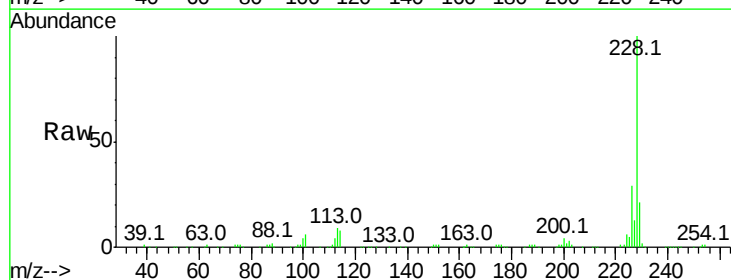


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

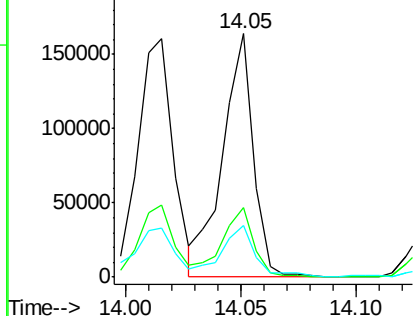
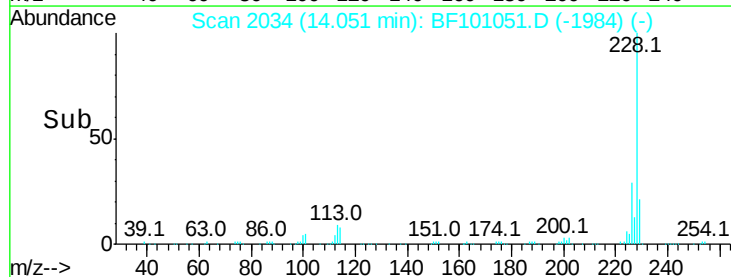


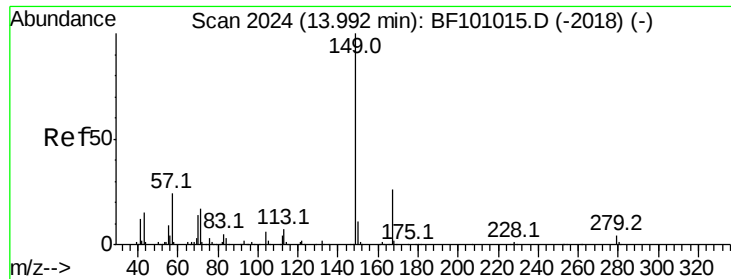
#82
Chrysene
Concen: 21.578 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF101051.D
Acq: 1 Dec 2017 8:10

Tgt Ion:228 Resp: 151527
Ion Ratio Lower Upper
228 100
226 28.8 25.0 37.6
229 21.4 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





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.019 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF101051.D

Acq: 1 Dec 2017 8:10

Instrument :

BNA_F

ClientSampleId :

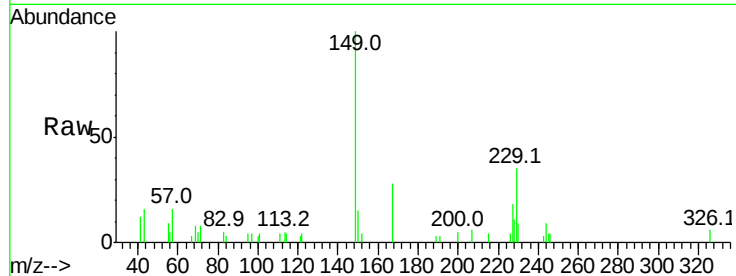
Tot Ion:149 Resp: 15684

Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

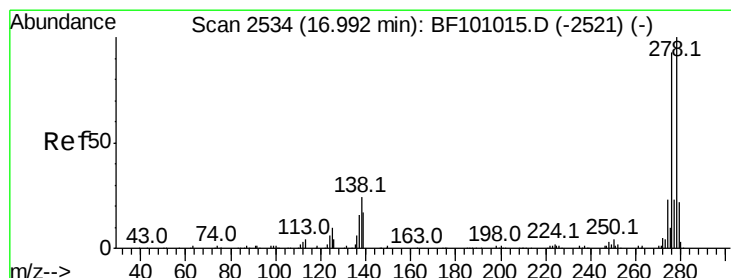
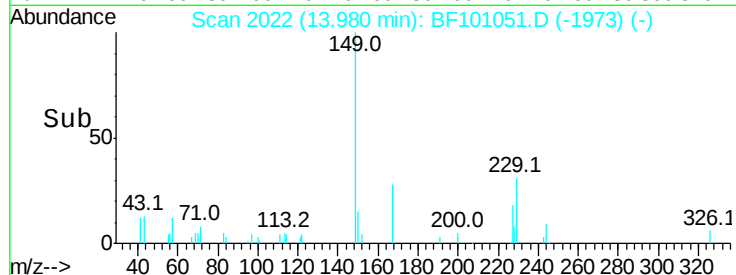
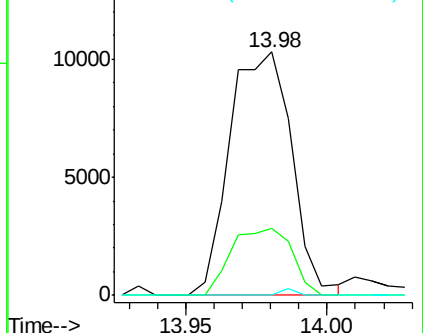
279 0.0 3.0 4.4#



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: 8.214 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.02 min

Lab File: BF101051.D

Acq: 1 Dec 2017 8:10

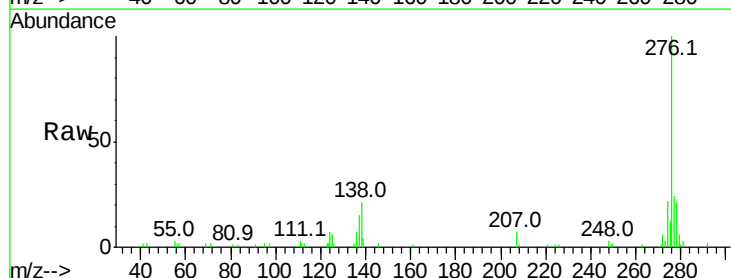
Tgt Ion:276 Resp: 51285

Ion Ratio Lower Upper

276 100

138 21.8 25.0 37.6#

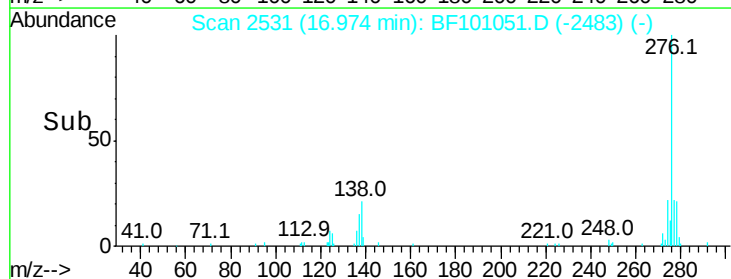
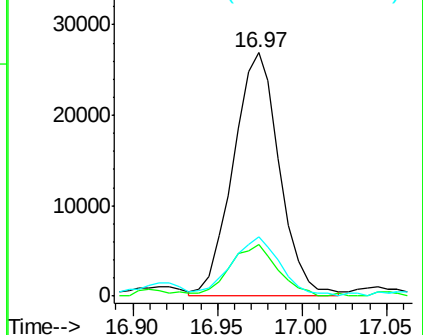
277 25.6 20.1 30.1

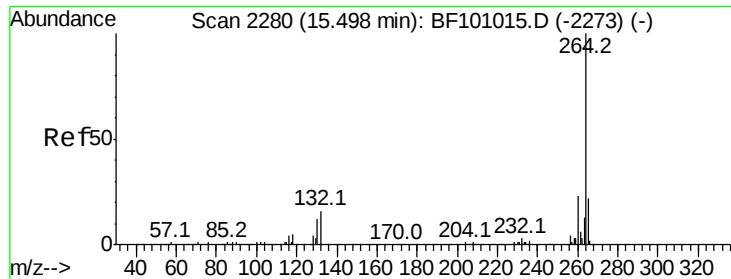


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

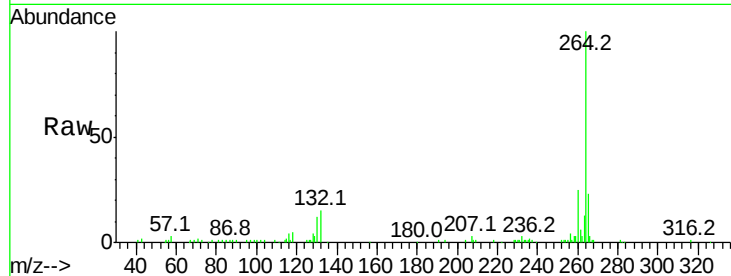




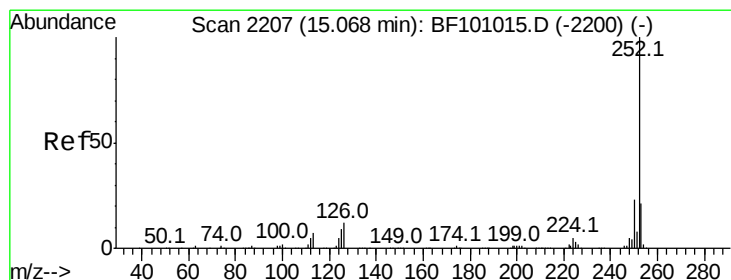
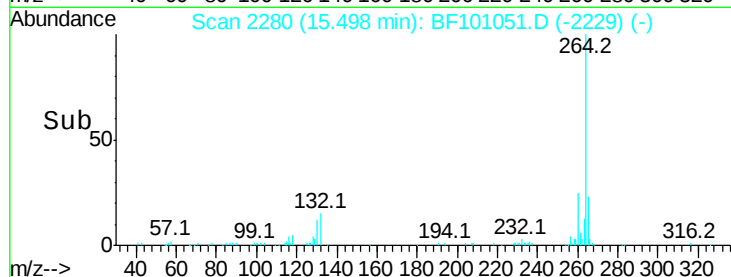
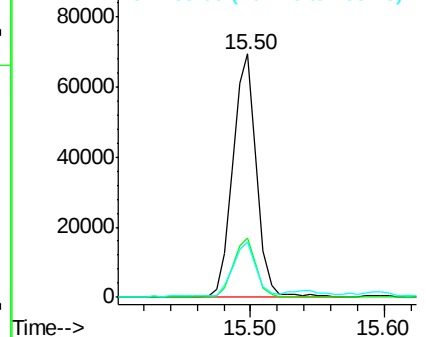
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF101051.D
 Acq: 1 Dec 2017 8:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 86640
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 22.8 17.5 26.3

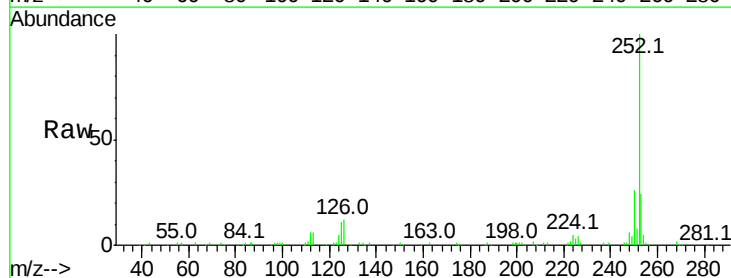


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

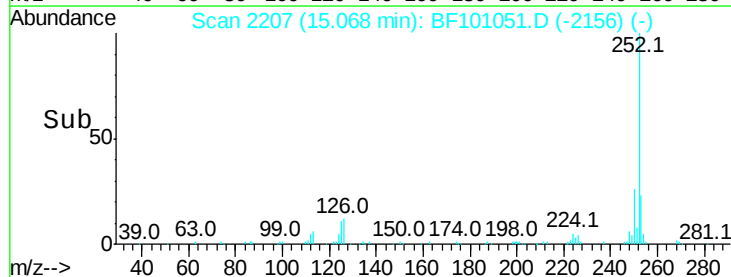
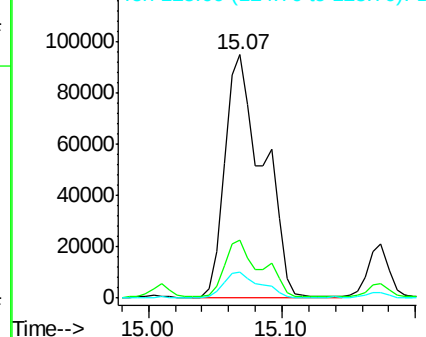


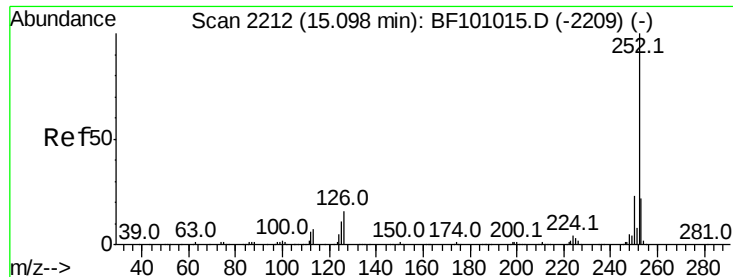
#87
 Benzo(b)fluoranthene
 Concen: 36.731 ng
 RT: 15.07 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BF101051.D
 Acq: 1 Dec 2017 8:10

Tgt Ion:252 Resp: 190615
 Ion Ratio Lower Upper
 252 100
 253 23.7 17.0 25.6
 125 10.5 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

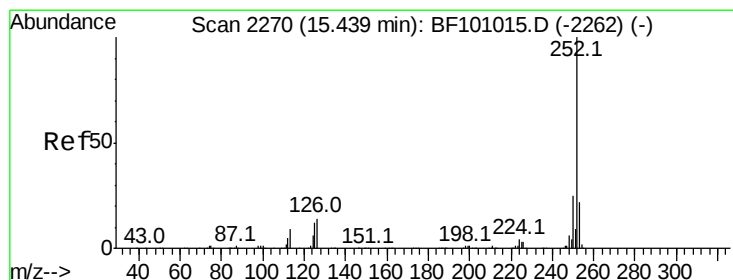
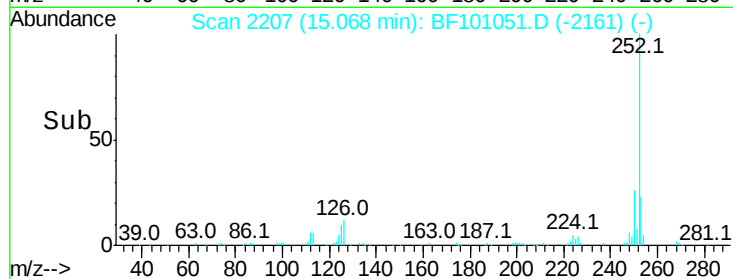
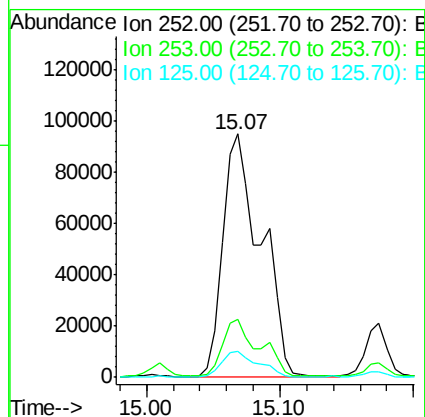
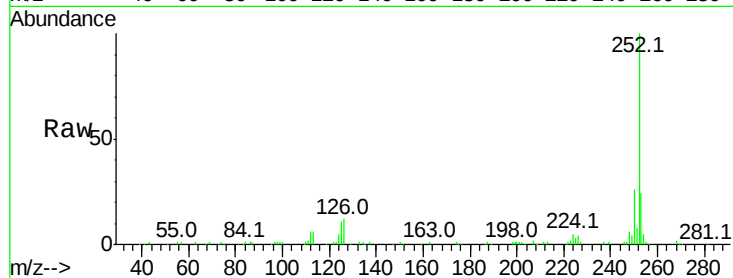




#88
Benzo(k)fluoranthene
Concen: 37.282 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BF101051.D
Acq: 1 Dec 2017 8:10

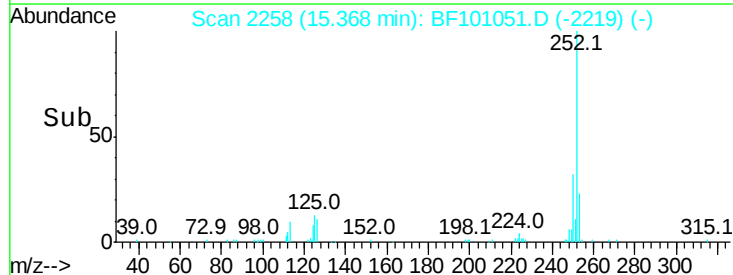
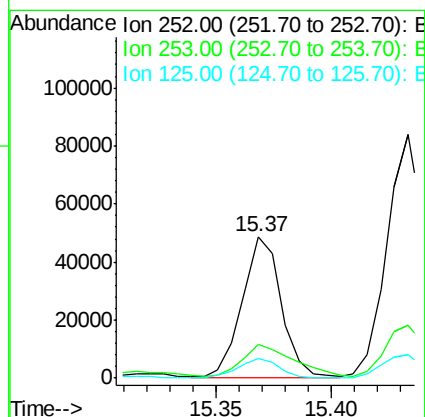
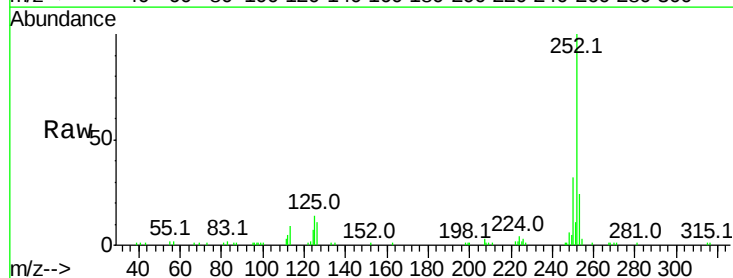
Instrument :
BNA_F
ClientSampleId :

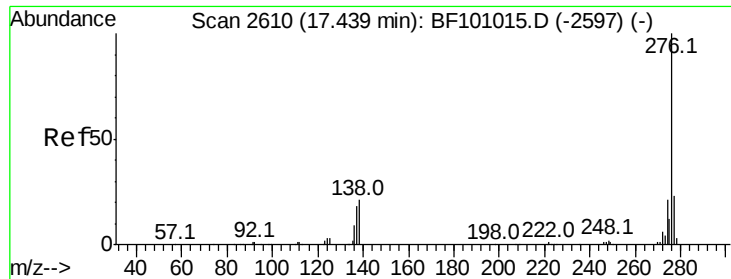
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	10.5	10.2	15.2



#89
Benzo(a)pyrene
Concen: 12.397 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.07 min
Lab File: BF101051.D
Acq: 1 Dec 2017 8:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	13.7	9.8	14.6

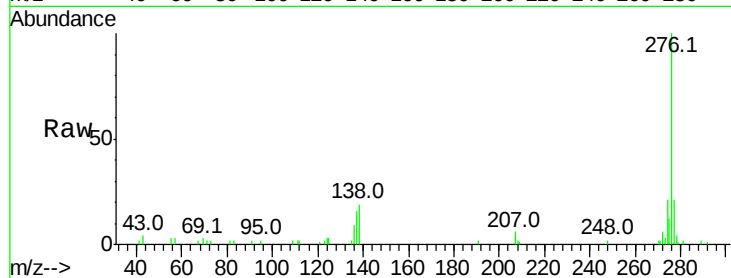




#91
 Benzo(a,h,i)perylene
 Concen: 12.191 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BF101051.D
 Acq: 1 Dec 2017 8:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.4	17.9	26.9
138	19.5	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

