

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101247.D
 Acq On : 8 Dec 2017 20:25
 Operator : SJ/JU
 Sample : I6677-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 08 21:43:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	45100	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	172233	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	73315	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	119062	20.00	ng	0.00
75) Chrysene-d12	14.00	240	107437	20.00	ng	0.00
86) Perylene-d12	15.47	264	93637	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	29989	10.99	ng	0.00
7) Phenol-d6	6.46	99	35680	10.77	ng	0.00
23) Nitrobenzene-d5	7.39	82	19339	6.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	7381	8.38	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	43132	8.05	ng	0.00
78) Terphenyl-d14	12.94	244	31848	6.48	ng	0.00

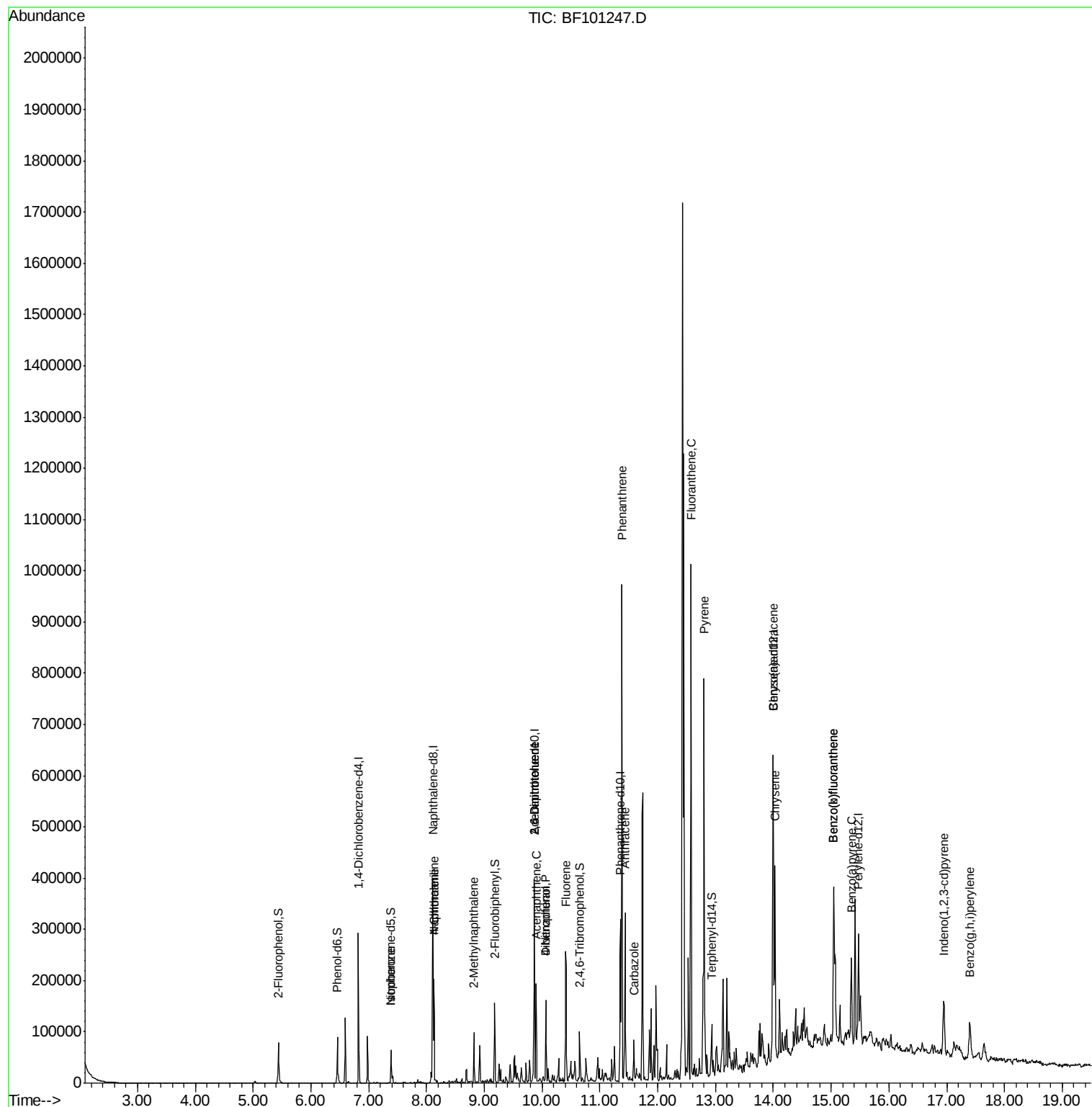
Target Compounds				Qvalue		
25) Isophorone	7.39	82	19338	3.921	ng	# 64
31) Naphthalene	8.13	128	79870	9.409	ng	99
33) 4-Chloroaniline	8.13	127	10069	2.952	ng	# 30
37) 2-Methylnaphthalene	8.82	142	24399	4.230	ng	99
50) 2,6-Dinitrotoluene	9.86	165	10771	8.649	ng	# 24
51) Acenaphthene	9.90	154	38794	8.264	ng	98
54) Dibenzofuran	10.07	168	51071	7.549	ng	97
55) 4-Nitrophenol	10.07	139	18696	19.795	ng	# 10
56) 2,4-Dinitrotoluene	9.86	165	10771	6.454	ng	# 21
57) Fluorene	10.41	166	70450	12.811	ng	99
70) Phenanthrene	11.38	178	381571	58.196	ng	99
71) Anthracene	11.43	178	124574	18.773	ng	98
72) Carbazole	11.59	167	28141	4.641	ng	97
74) Fluoranthene	12.57	202	413500	56.893	ng	95
77) Pyrene	12.80	202	333610	45.000	ng	98
80) Benzo(a)anthracene	13.99	228	191207	28.187	ng	98
82) Chrysene	14.03	228	152401	24.191	ng	98
85) Indeno(1,2,3-cd)pyrene	16.95	276	63492	11.336	ng	# 88
87) Benzo(b)fluoranthene	15.04	252	236271	42.127	ng	98
88) Benzo(k)fluoranthene	15.04	252	236271	42.758	ng	98
89) Benzo(a)pyrene	15.35	252	74412	14.594	ng	98
91) Benzo(g,h,i)perylene	17.40	276	57315	13.529	ng	# 94

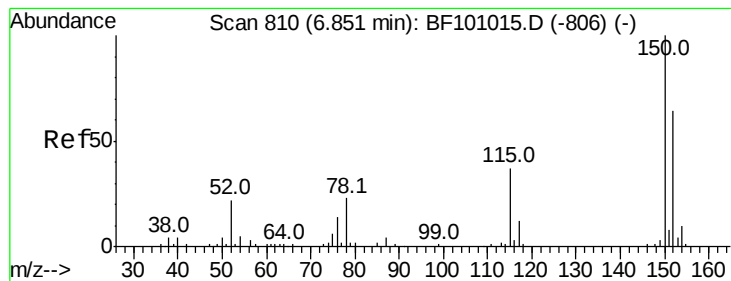
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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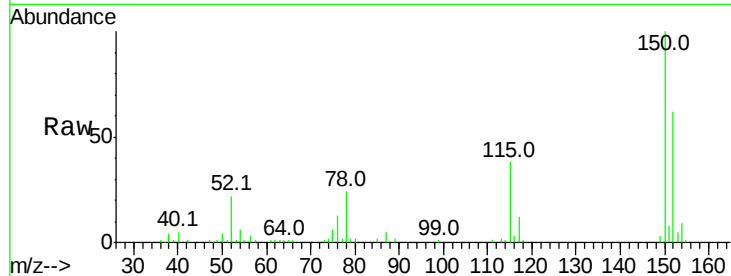


#1

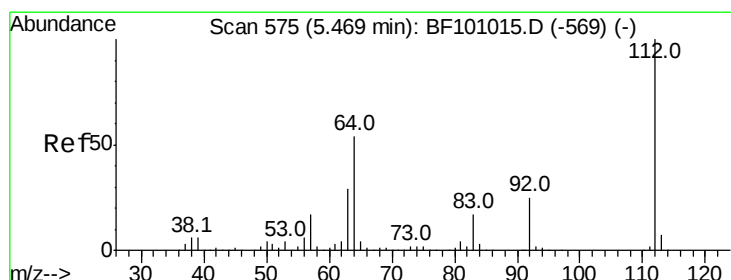
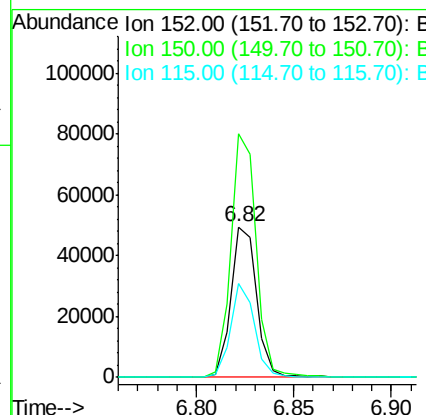
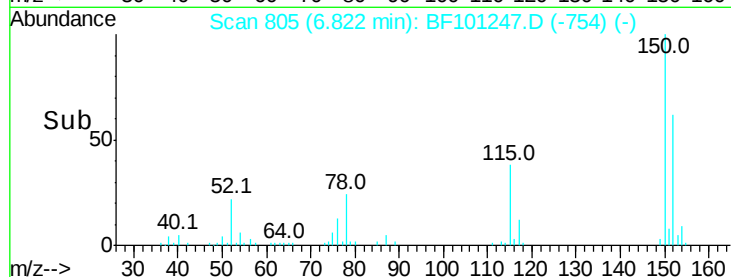
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101247.D
Acq: 8 Dec 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45100
Ion Ratio Lower Upper
152 100
150 162.1 124.6 186.8
115 62.3 50.1 75.1



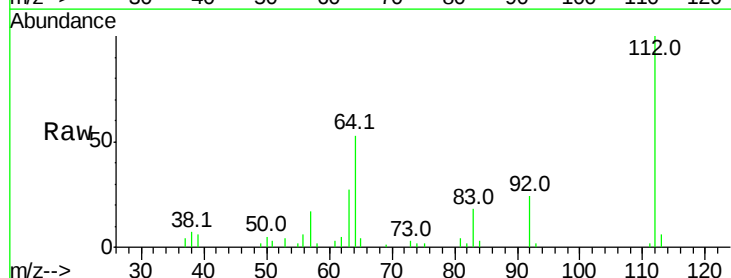
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



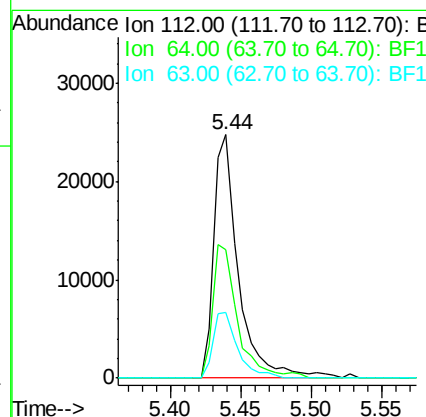
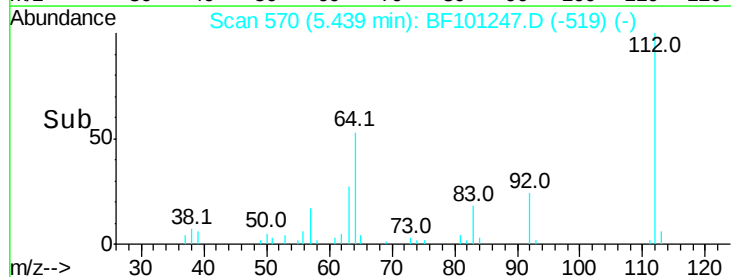
#5

2-Fluorophenol
Concen: 10.988 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF101247.D
Acq: 8 Dec 2017 20:25

Tgt Ion:112 Resp: 29989
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 26.9 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: 10.768 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

Instrument :

BNA_F

ClientSampleId :

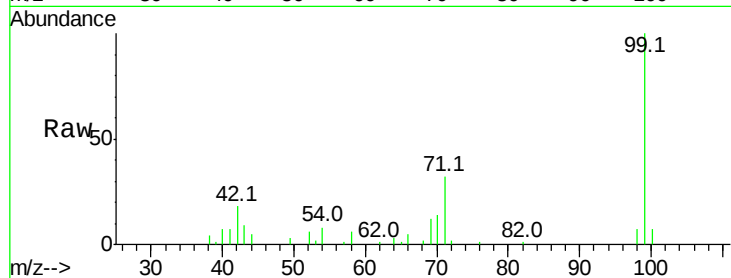
Tot Ion: 99 Resp: 35680

Ion Ratio Lower Upper

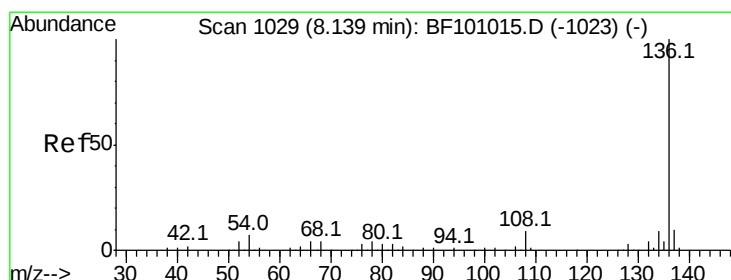
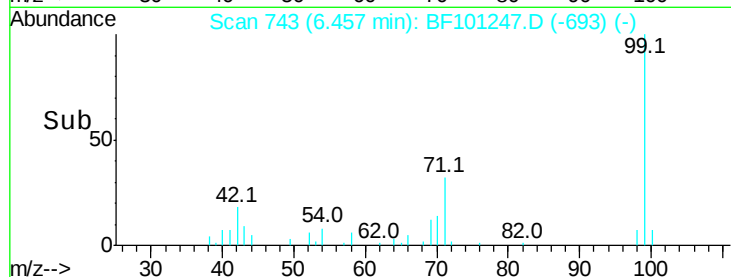
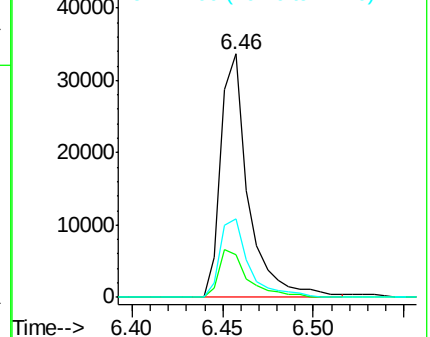
99 100

42 17.5 14.5 21.7

71 32.5 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: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

Tgt Ion: 136 Resp: 172233

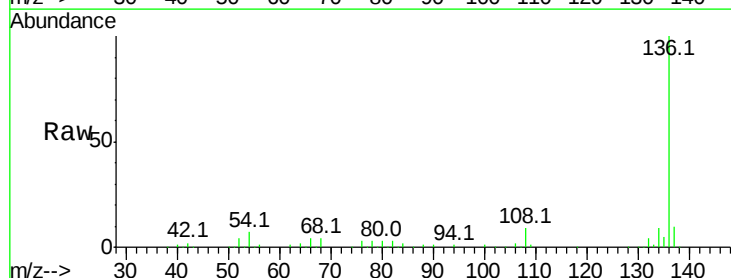
Ion Ratio Lower Upper

136 100

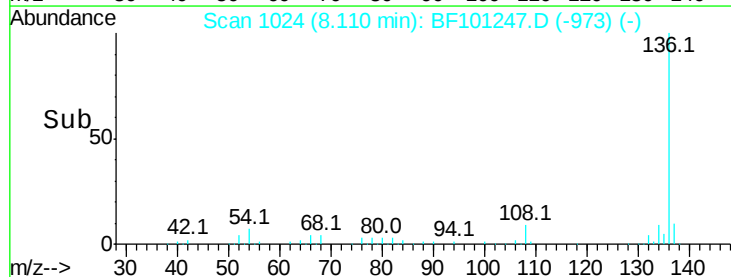
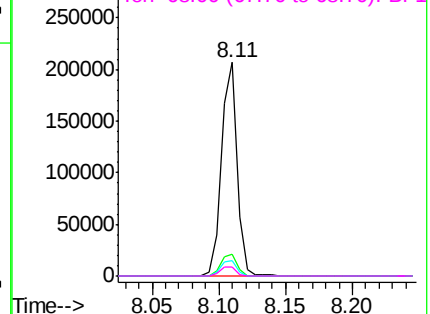
137 10.2 8.9 13.3

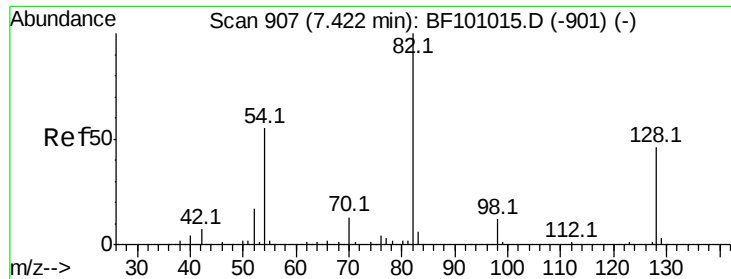
54 7.0 6.6 9.8

68 4.1 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

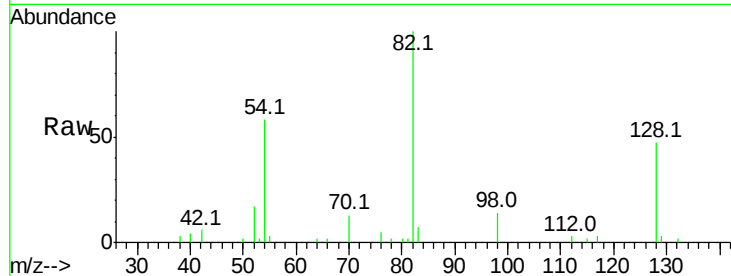




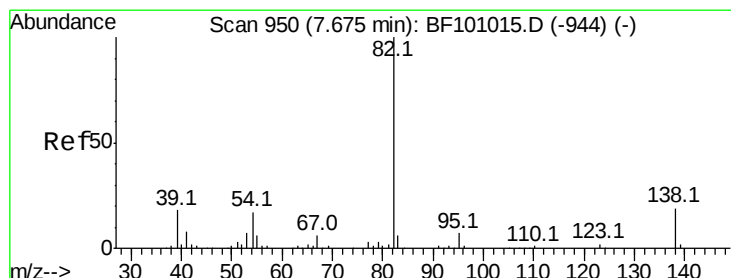
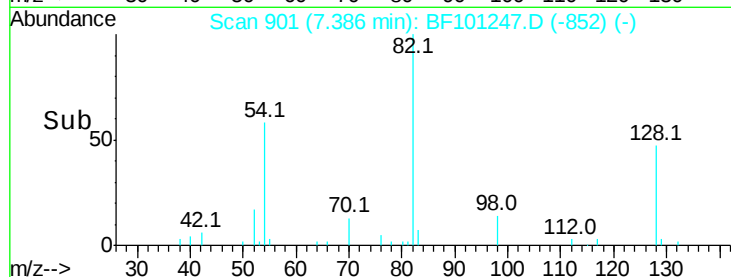
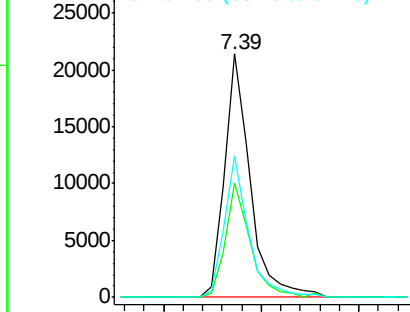
#23
Nitrobenzene-d5
Concen: 6.698 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101247.D
Acq: 8 Dec 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 19339
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 58.0 41.4 62.2

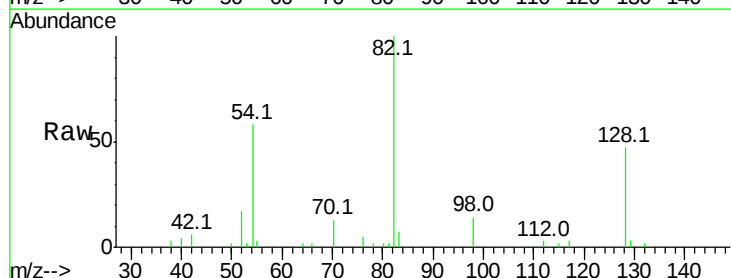


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

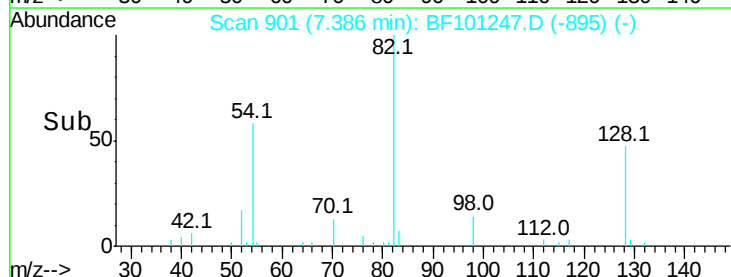
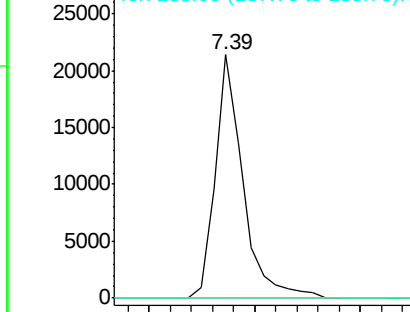


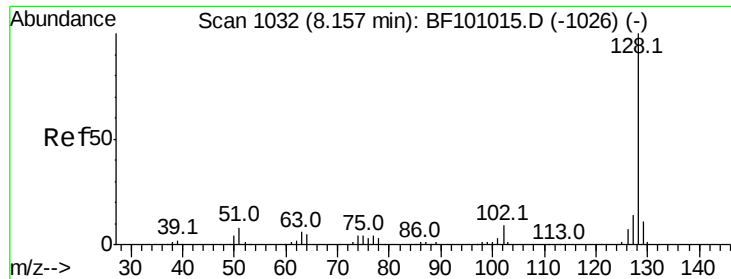
#25
Isophorone
Concen: 3.921 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101247.D
Acq: 8 Dec 2017 20:25

Tgt Ion: 82 Resp: 19338
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: 9.409 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

Instrument :

BNA_F

ClientSampled :

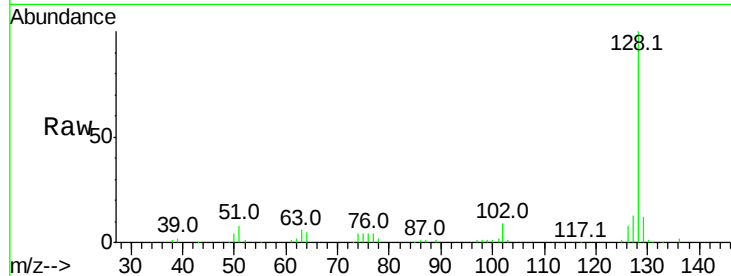
Tot Ion:128 Resp: 79870

Ion Ratio Lower Upper

128 100

129 11.9 8.8 13.2

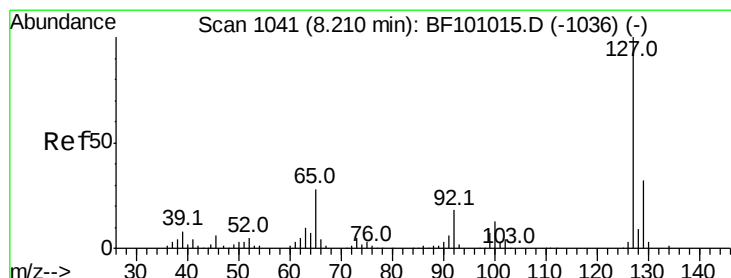
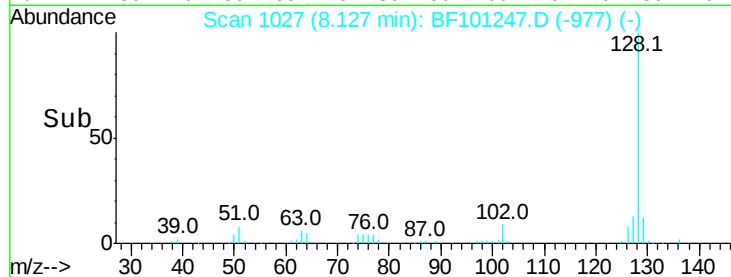
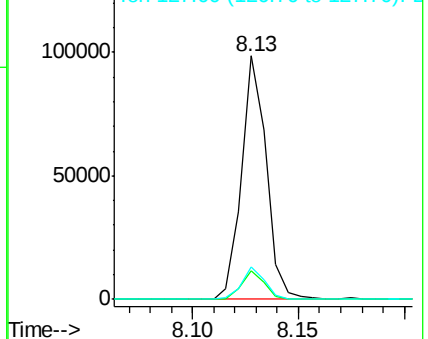
127 13.5 10.9 16.3



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



#33

4-Chloroaniline

Concen: 2.952 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

Tgt Ion:127 Resp: 10069

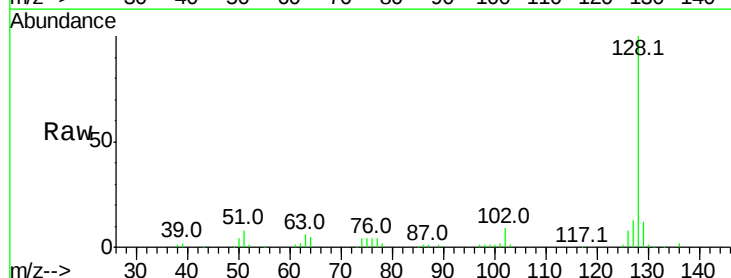
Ion Ratio Lower Upper

127 100

129 88.4 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

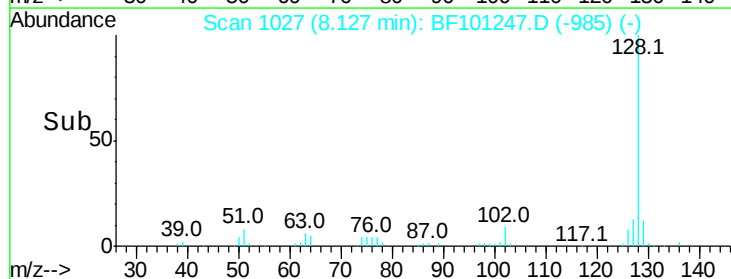
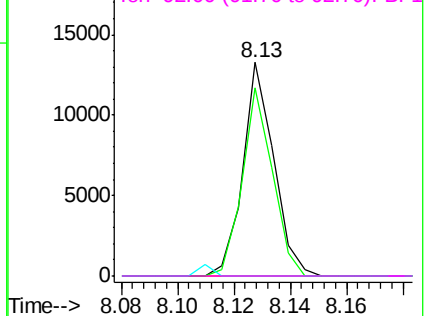


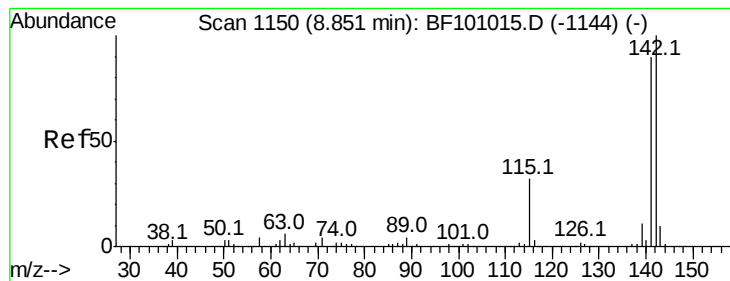
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#37

2-Methylnaphthalene

Concen: 4.230 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

Instrument :

BNA_F

ClientSampleId :

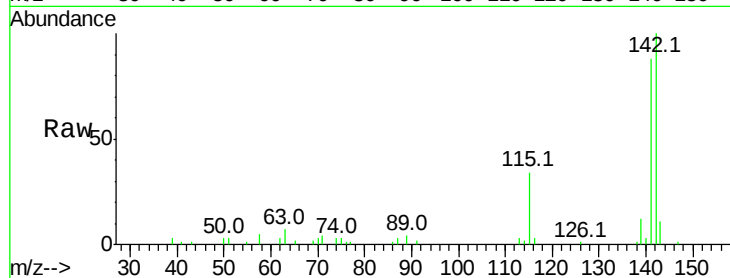
Tot Ion:142 Resp: 24399

Ion Ratio Lower Upper

142 100

141 87.6 70.8 106.2

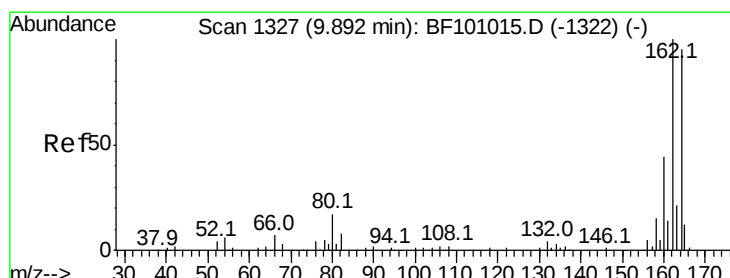
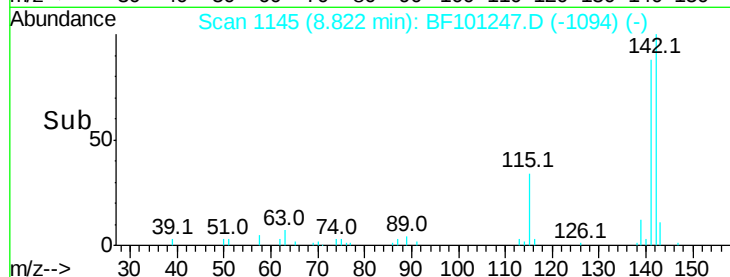
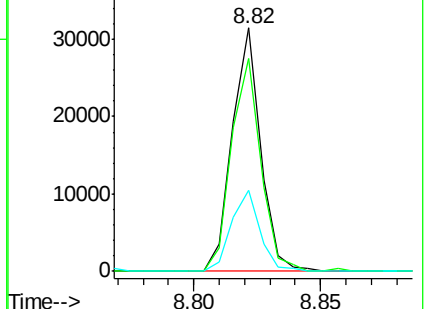
115 33.5 26.1 39.1



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: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

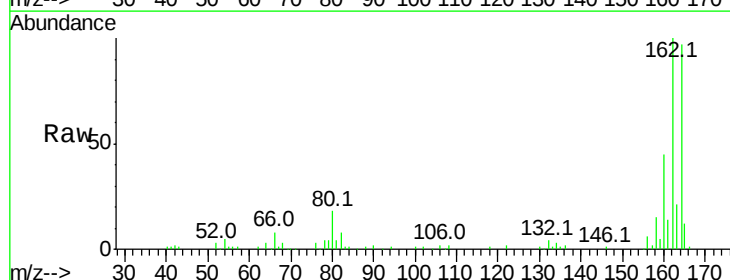
Tgt Ion:164 Resp: 73315

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

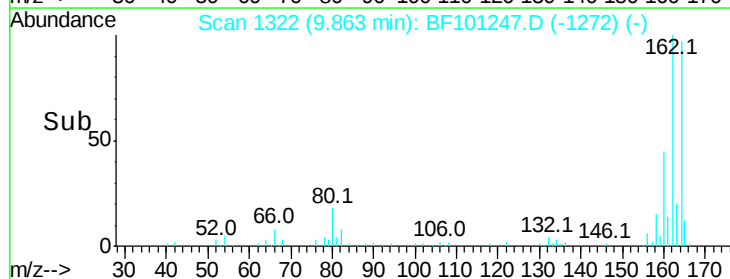
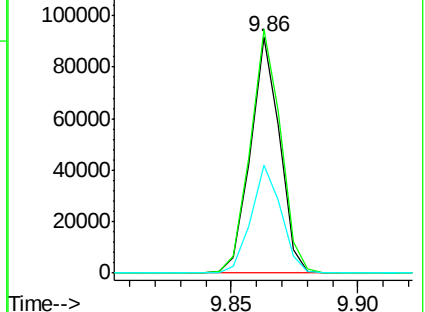
160 45.9 38.3 57.5

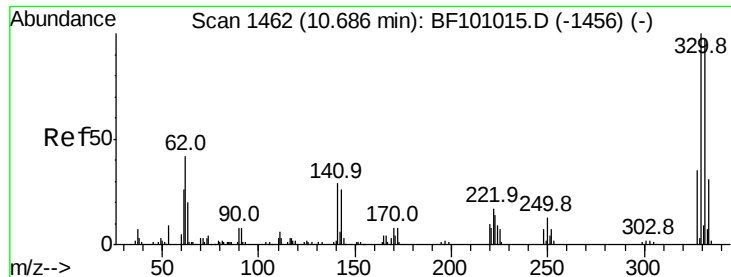


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 8.381 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

Instrument :

BNA_F

ClientSampleId :

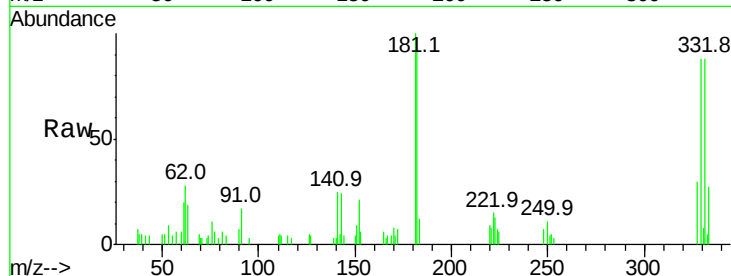
Tot Ion:330 Resp: 7381

Ion Ratio Lower Upper

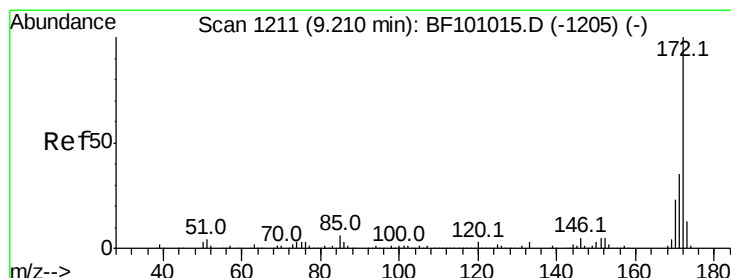
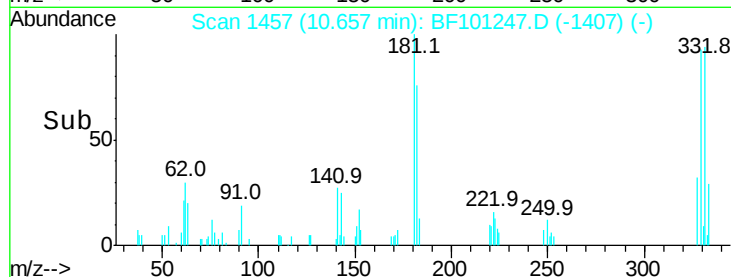
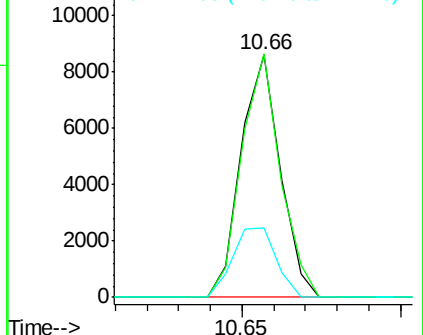
330 100

332 99.5 77.0 115.6

141 31.6 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: 8.049 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

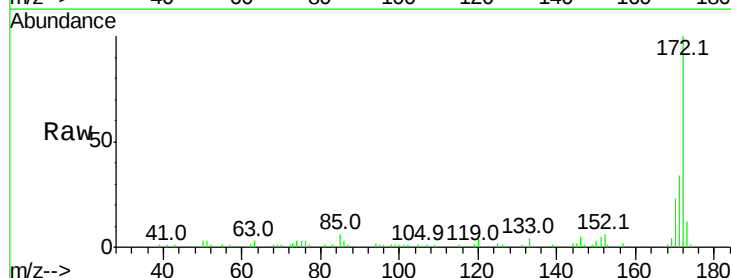
Tgt Ion:172 Resp: 43132

Ion Ratio Lower Upper

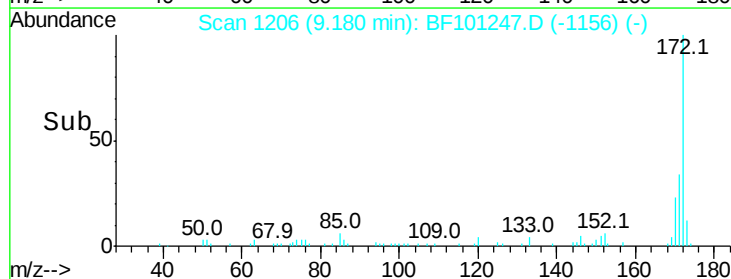
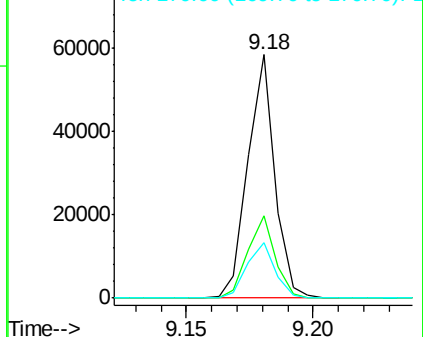
172 100

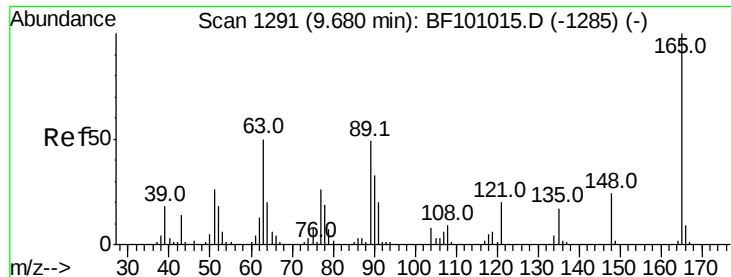
171 34.0 29.7 44.5

170 23.0 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

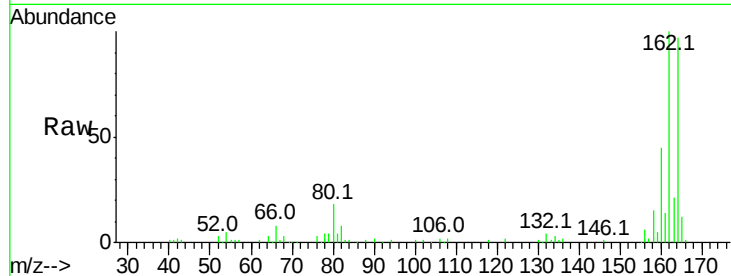




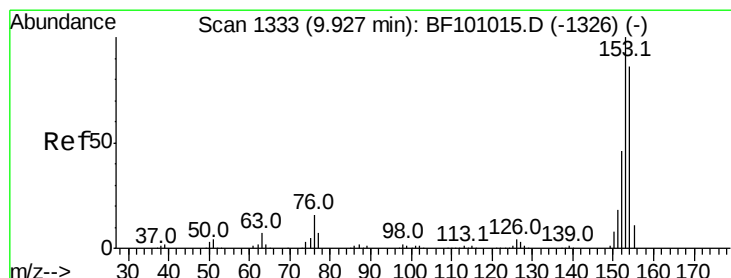
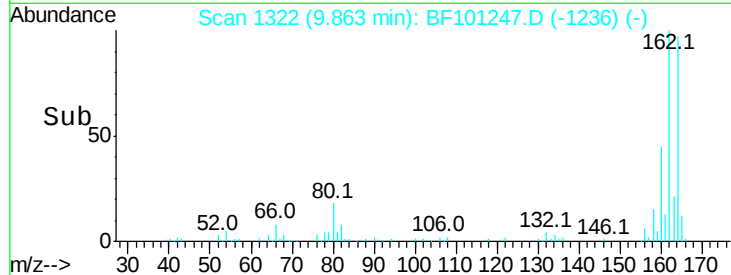
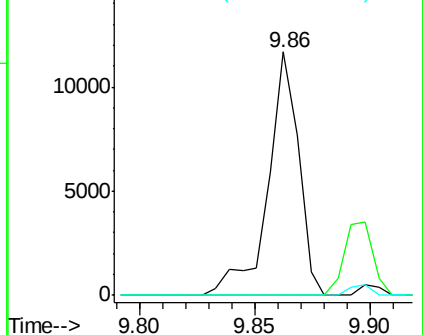
#50
 2,6-Dinitrotoluene
 Concen: 8.649 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.21 min
 Lab File: BF101247.D
 Acq: 8 Dec 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 10771
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

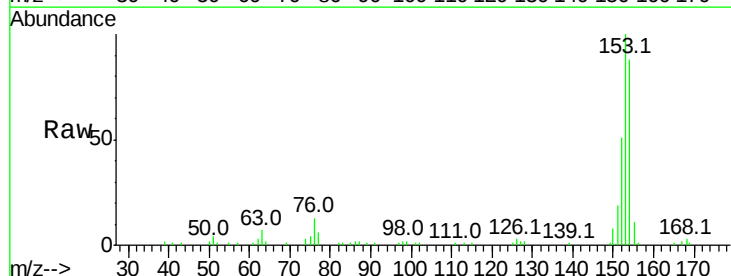


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

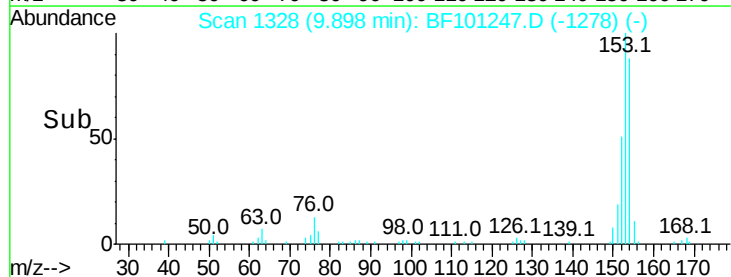
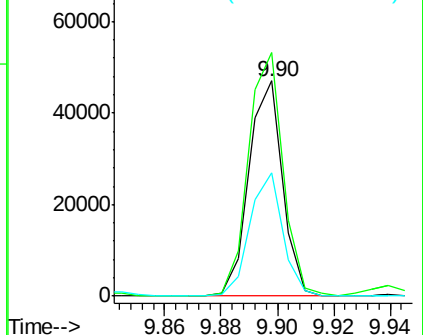


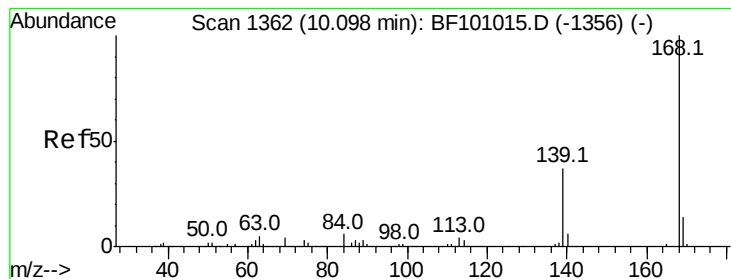
#51
 Acenaphthene
 Concen: 8.264 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF101247.D
 Acq: 8 Dec 2017 20:25

Tgt Ion:154 Resp: 38794
 Ion Ratio Lower Upper
 154 100
 153 113.1 91.2 136.8
 152 57.5 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





#54

Dibenzenofuran

Concen: 7.549 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

Instrument :

BNA_F

ClientSampleId :

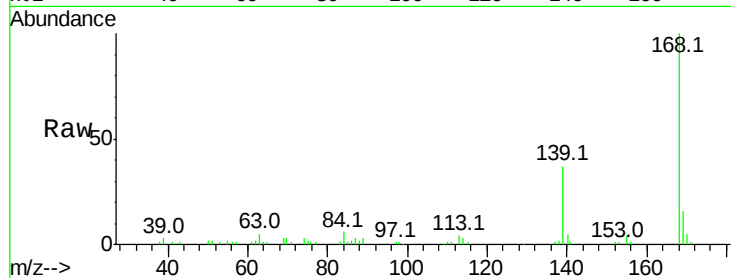
Tot Ion:168 Resp: 51071

Ion Ratio Lower Upper

168 100

139 36.6 30.1 45.1

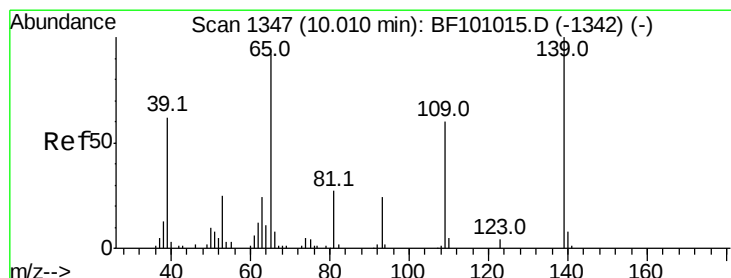
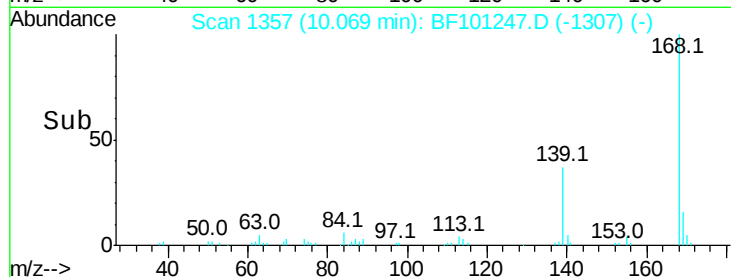
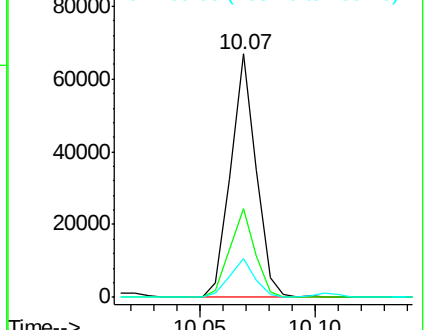
169 15.9 10.9 16.3



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: 19.795 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.08 min

Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

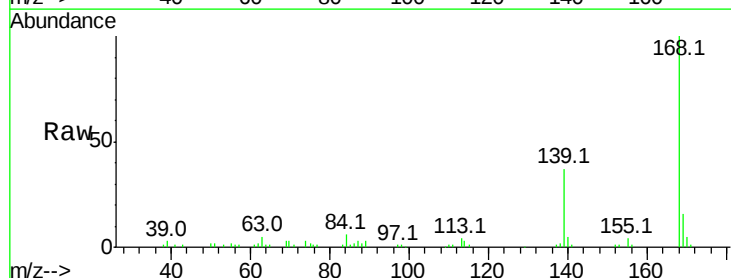
Tgt Ion:139 Resp: 18696

Ion Ratio Lower Upper

139 100

109 1.2 48.4 88.4#

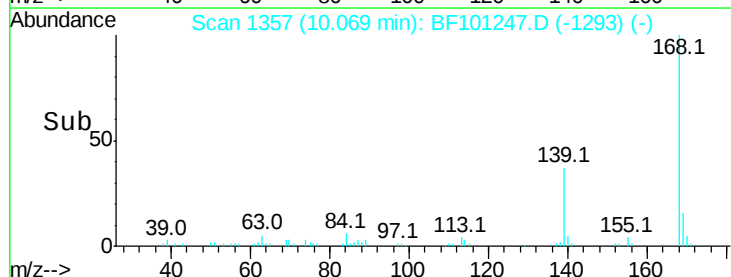
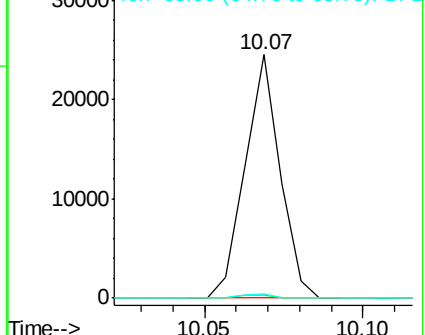
65 1.6 72.6 112.6#

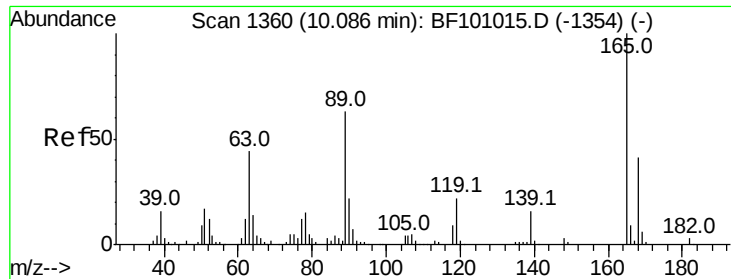


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

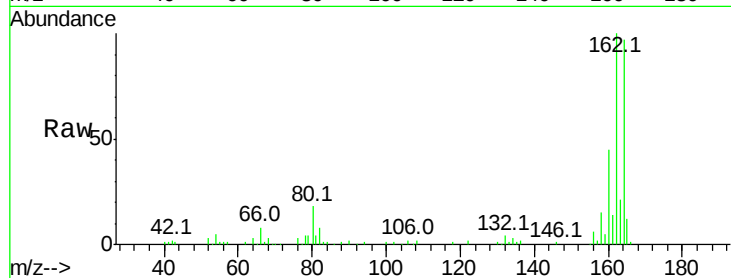




#56
2,4-Dinitrotoluene
Concen: 6.454 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.20 min
Lab File: BF101247.D
Acq: 8 Dec 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

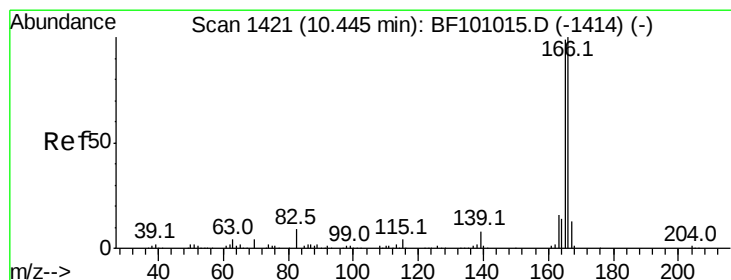
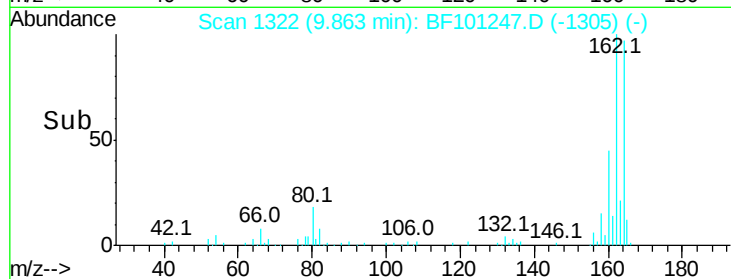
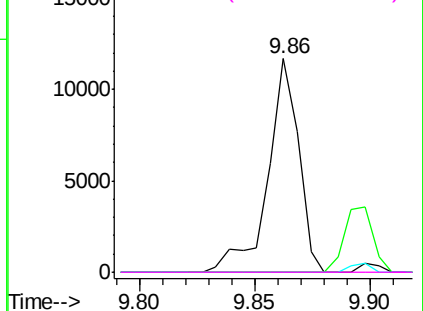


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

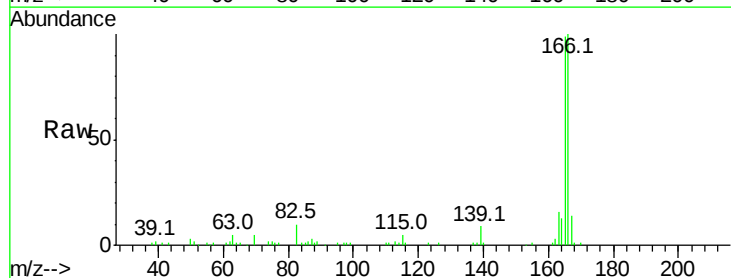
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 12.811 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF101247.D
Acq: 8 Dec 2017 20:25

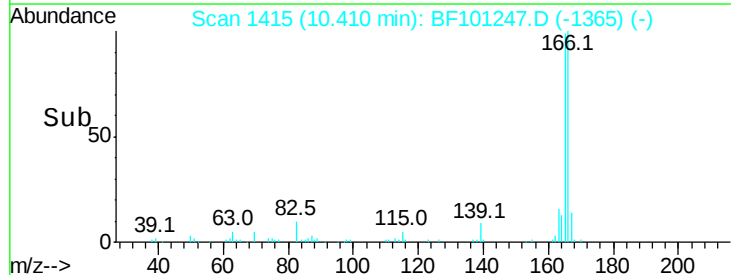
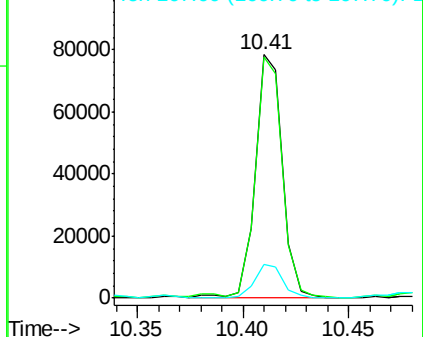
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.6	10.6	16.0

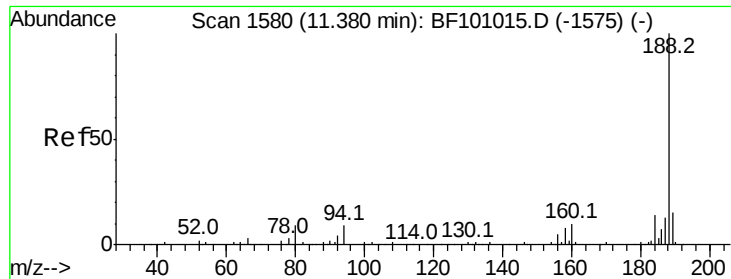


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

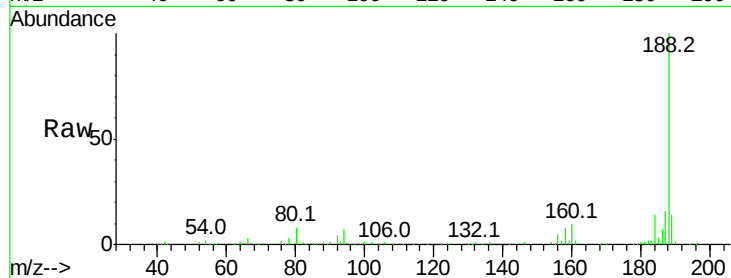




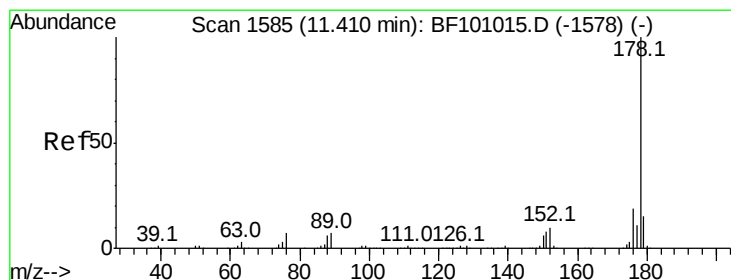
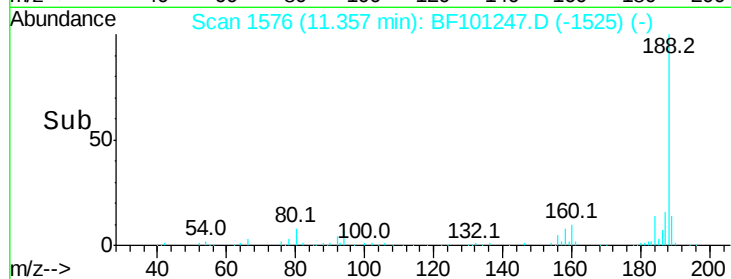
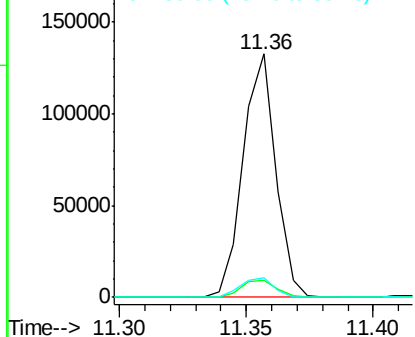
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF101247.D
Acq: 8 Dec 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 119062
Ion Ratio Lower Upper
188 100
94 6.9 8.5 12.7#
80 7.9 9.2 13.8#

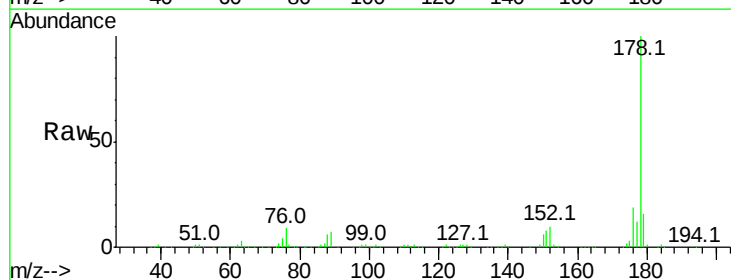


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

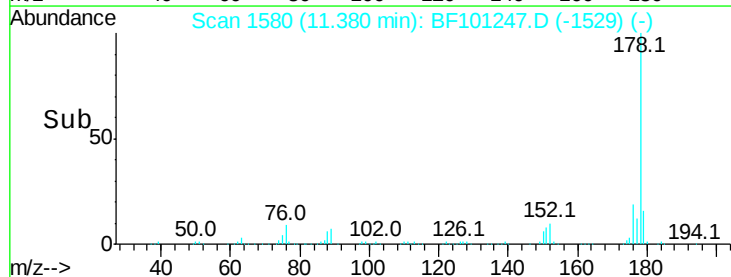
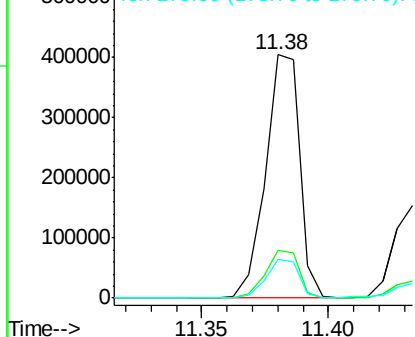


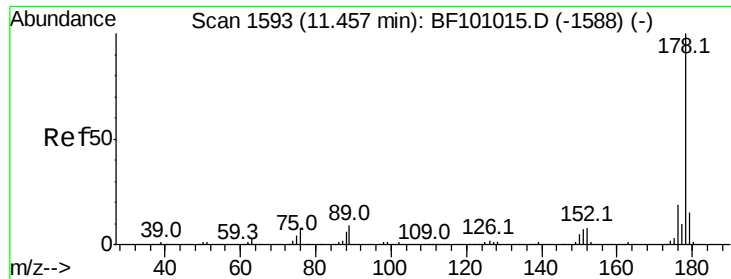
#70
Phenanthrene
Concen: 58.196 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101247.D
Acq: 8 Dec 2017 20:25

Tgt Ion:178 Resp: 381571
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 16.0 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

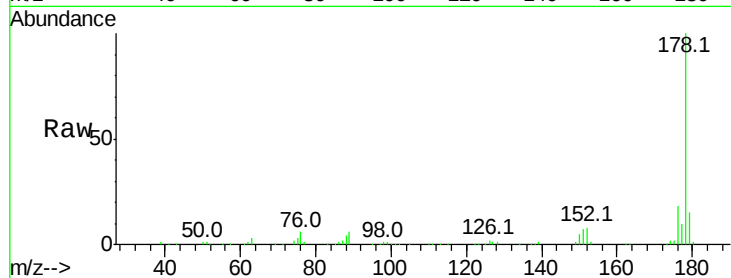




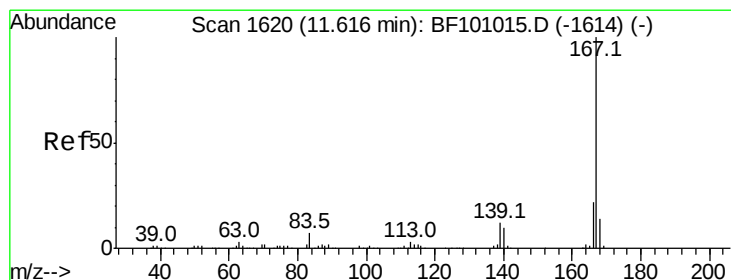
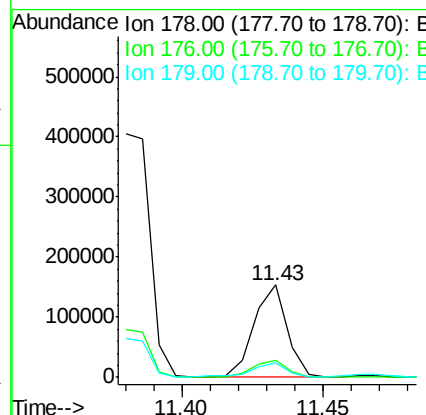
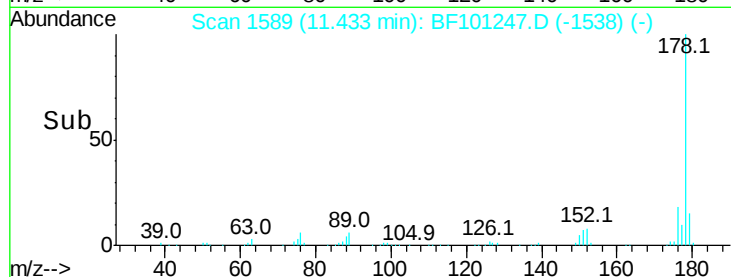
#71
 Anthracene
 Concen: 18.773 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF101247.D
 Acq: 8 Dec 2017 20:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 124574
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.3 12.6 19.0

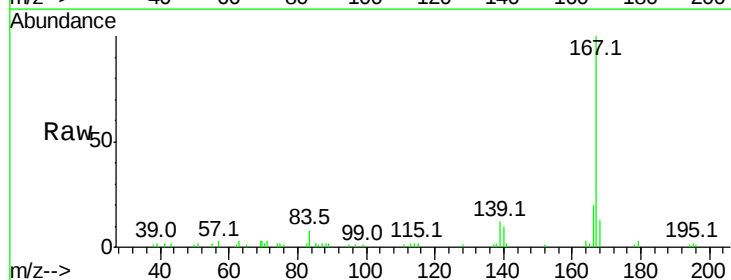


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

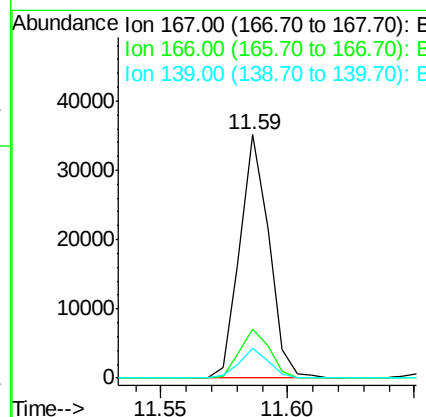
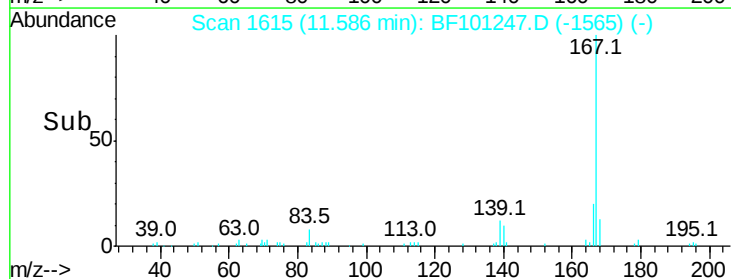


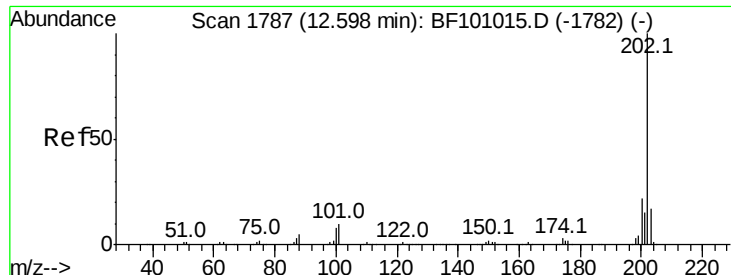
#72
 Carbazole
 Concen: 4.641 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF101247.D
 Acq: 8 Dec 2017 20:25

Tgt Ion:167 Resp: 28141
 Ion Ratio Lower Upper
 167 100
 166 20.3 17.6 26.4
 139 12.4 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: 56.893 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

Instrument :

BNA_F

ClientSampleId :

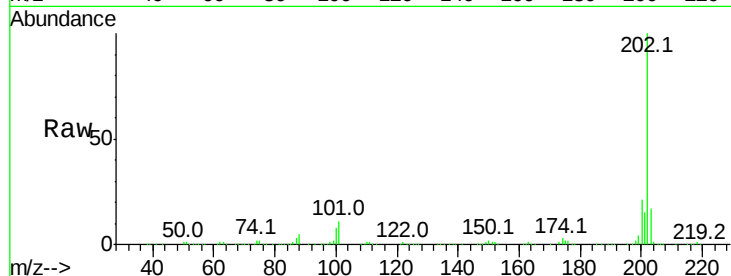
Tot Ion:202 Resp: 413500

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.1

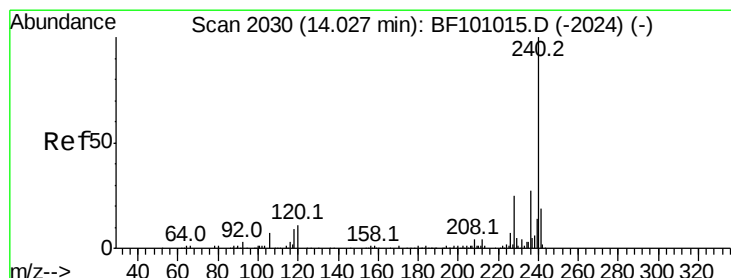
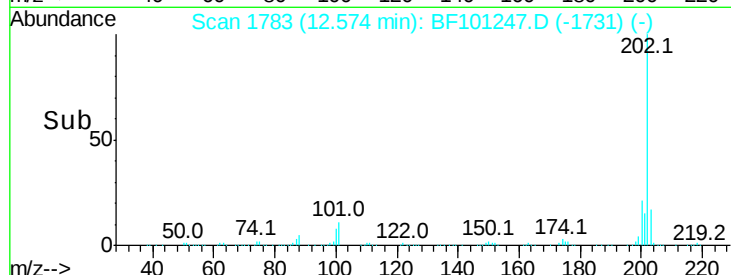
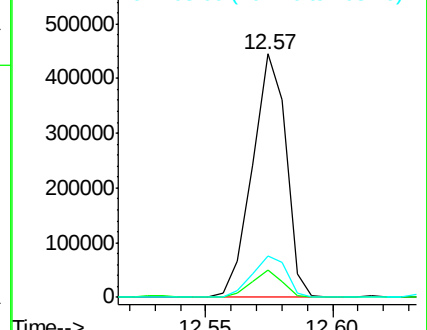
203 16.9 0.0 38.1



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: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

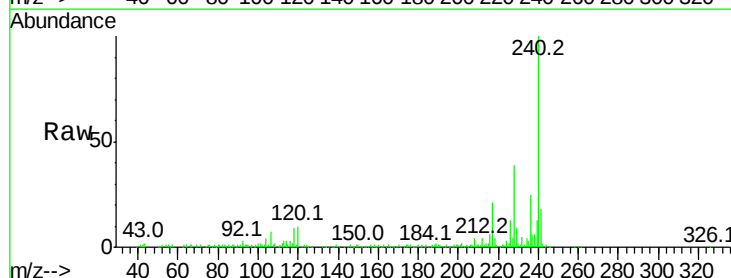
Tgt Ion:240 Resp: 107437

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

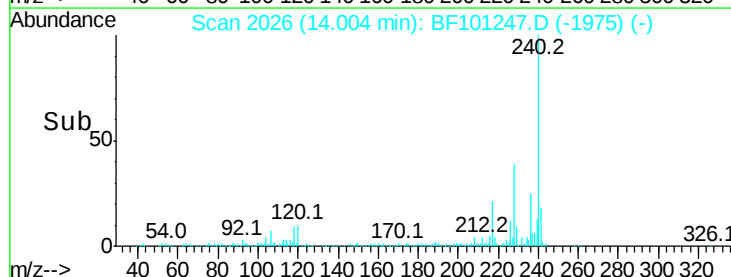
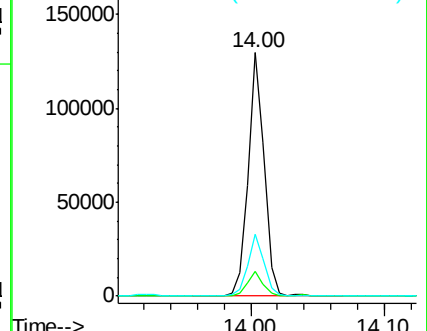
236 25.3 20.7 31.1

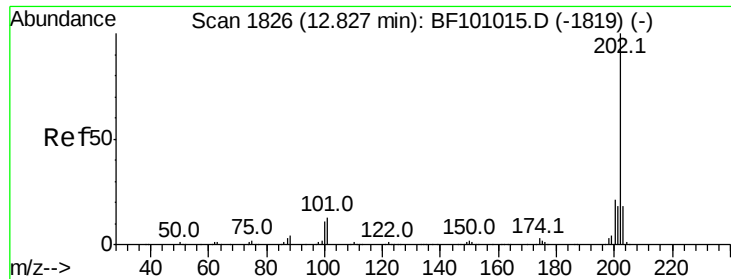


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 45.000 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.00 min

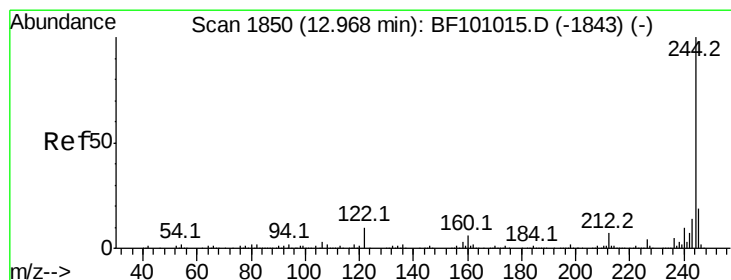
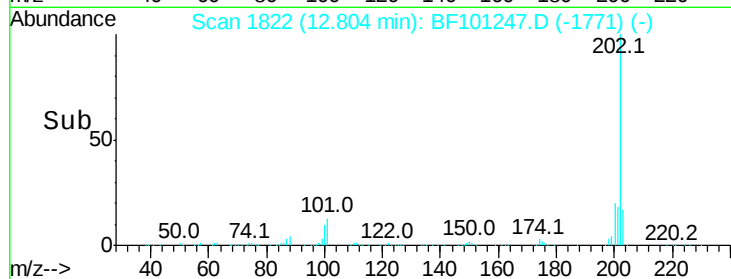
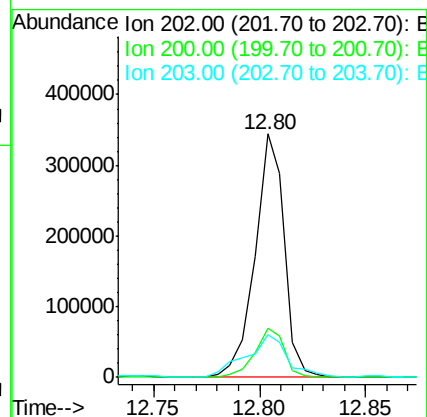
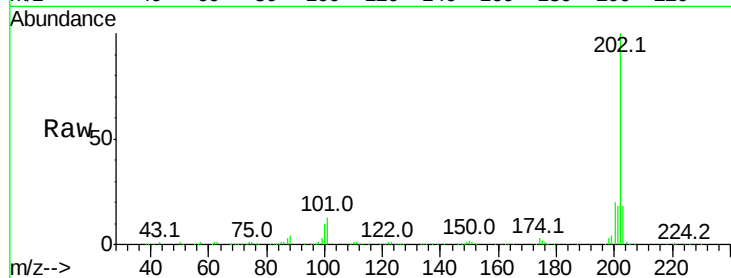
Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 333610

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.7	14.3	21.5



#78

Terphenyl-d14

Concen: 6.484 ng

RT: 12.94 min Scan# 1845

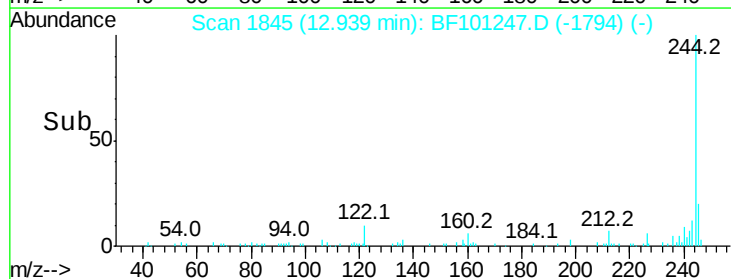
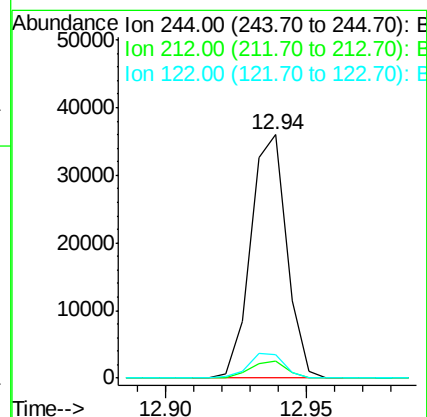
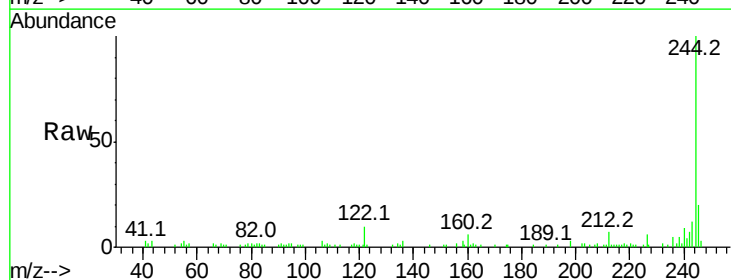
Delta R.T. -0.00 min

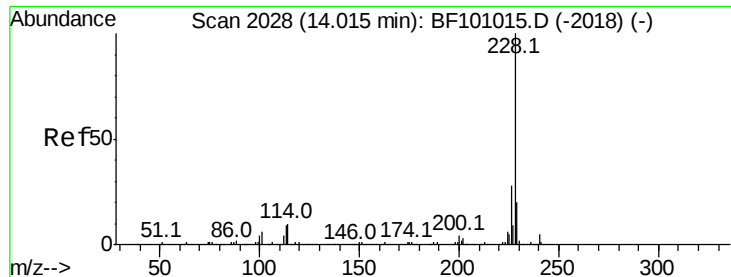
Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

Tgt Ion:244 Resp: 31848

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	9.8	11.0	16.4#

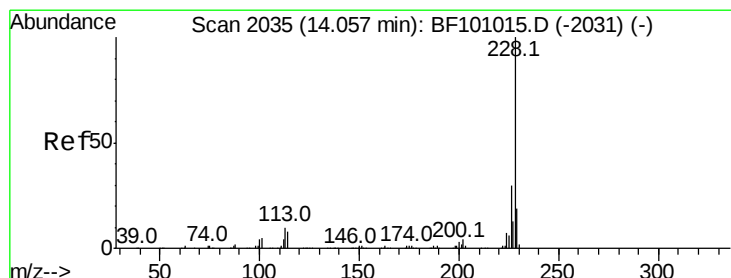
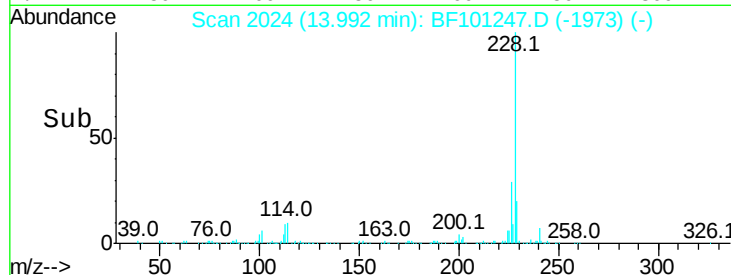
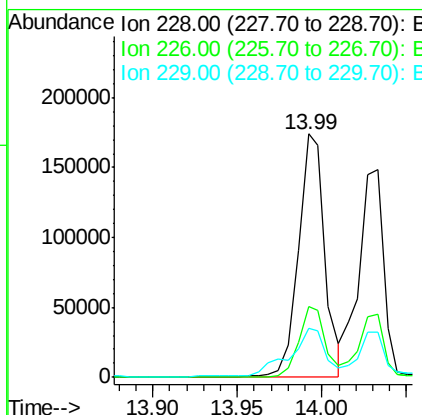
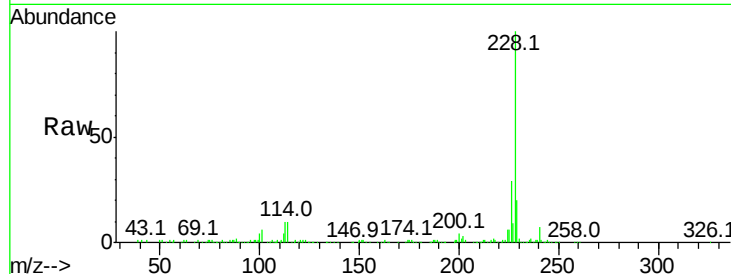




#80
Benzo(a)anthracene
Concen: 28.187 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF101247.D
Acq: 8 Dec 2017 20:25

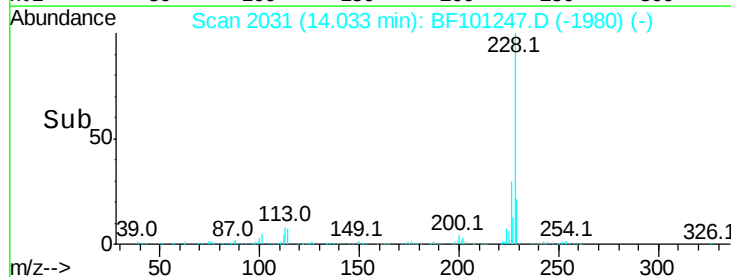
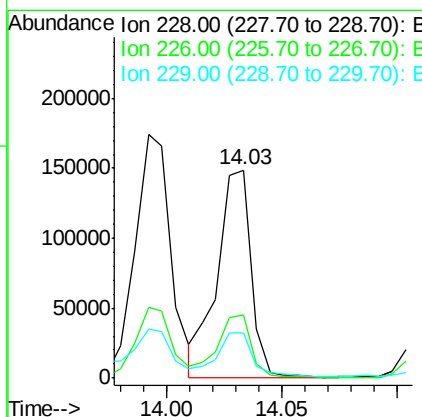
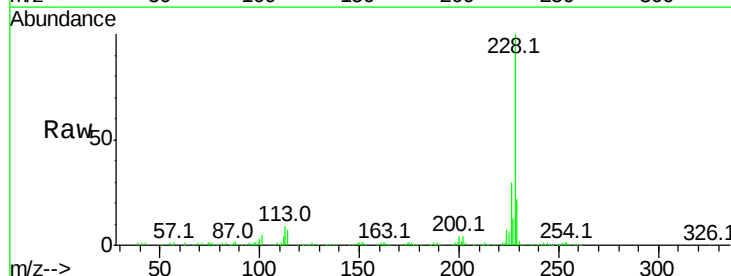
Instrument :
BNA_F
ClientSampleId :

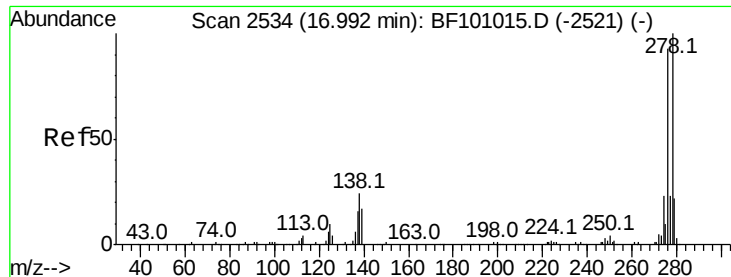
Tot Ion:228 Resp: 191207
Ion Ratio Lower Upper
228 100
226 29.3 22.6 33.8
229 20.3 15.8 23.6



#82
Chrysene
Concen: 24.191 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF101247.D
Acq: 8 Dec 2017 20:25

Tgt Ion:228 Resp: 152401
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.6
229 21.5 16.2 24.4

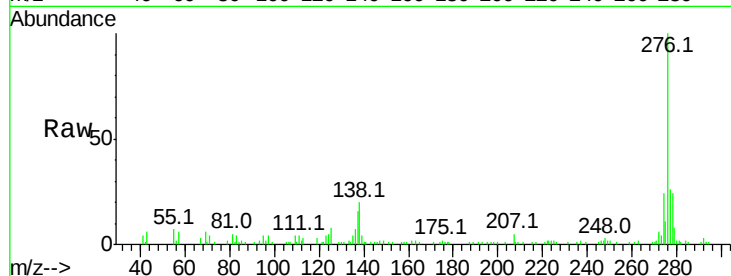




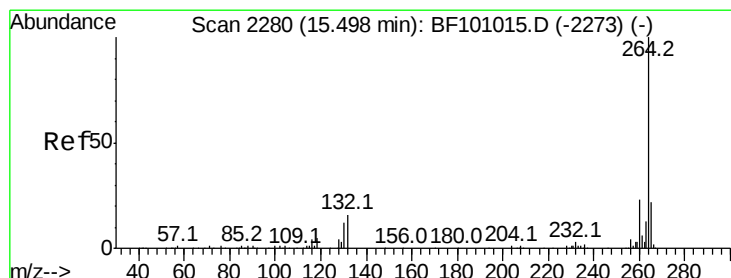
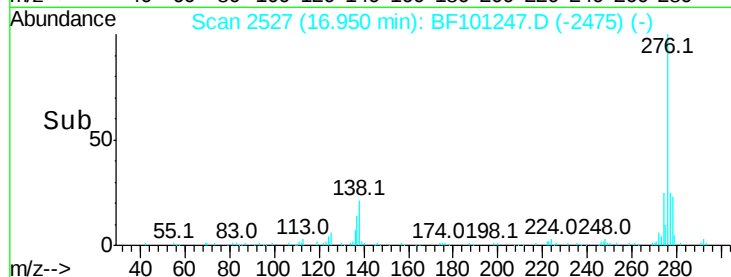
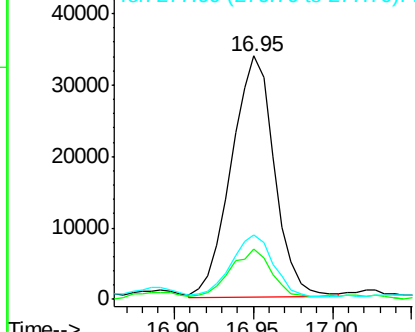
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.336 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF101247.D
Acq: 8 Dec 2017 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 63492
Ion Ratio Lower Upper
276 100
138 19.4 25.0 37.6#
277 24.8 20.1 30.1

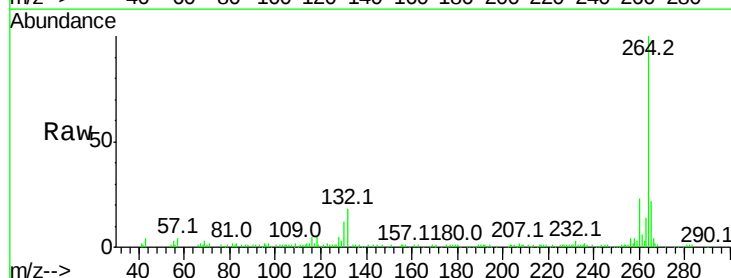


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

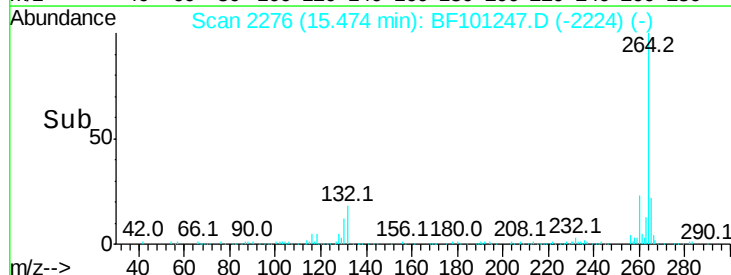
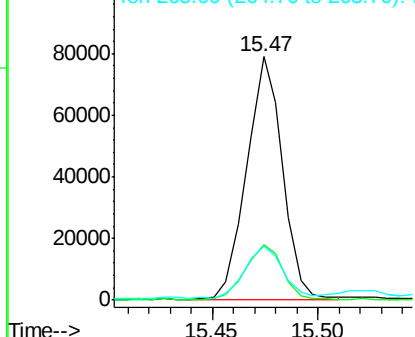


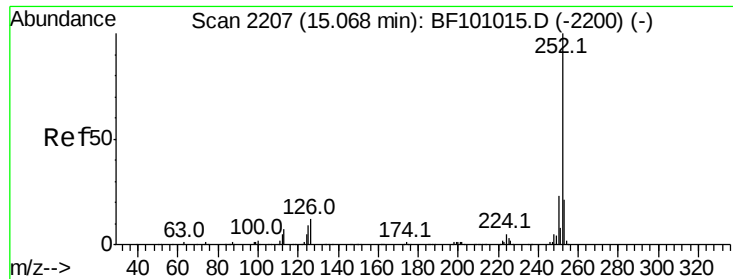
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF101247.D
Acq: 8 Dec 2017 20:25

Tgt Ion:264 Resp: 93637
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 22.0 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: 42.127 ng

RT: 15.04 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BF101247.D

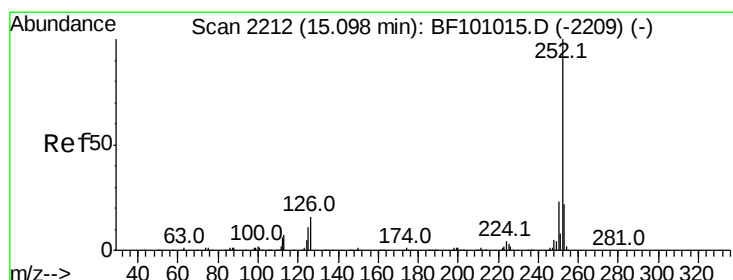
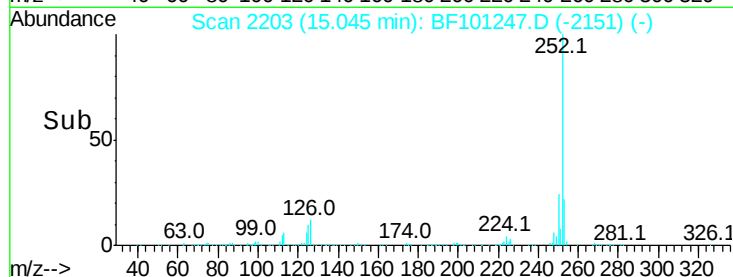
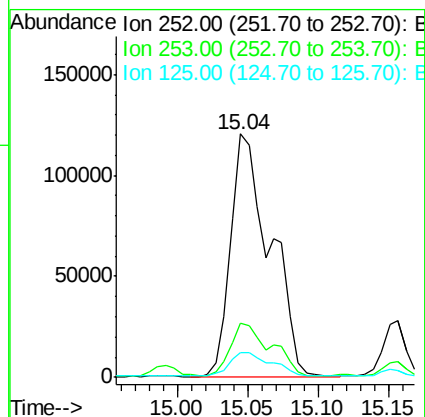
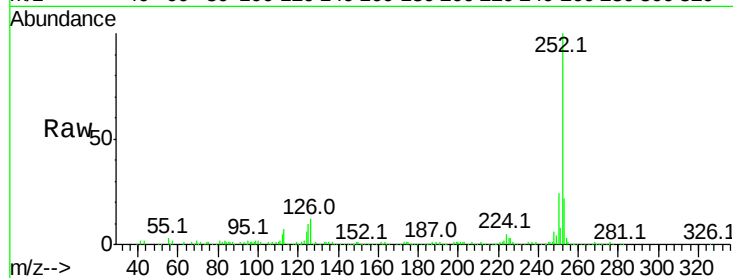
Acq: 8 Dec 2017 20:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	236271
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.0 25.6
125	10.3	9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 42.758 ng

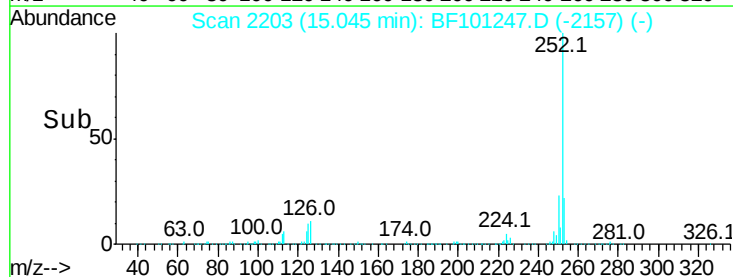
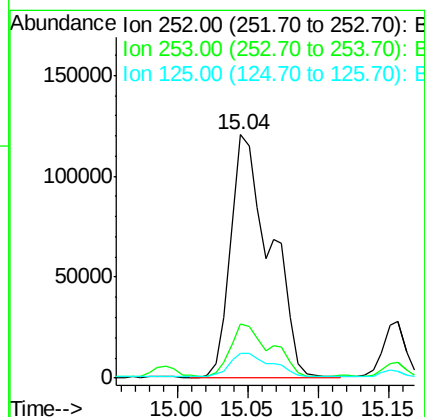
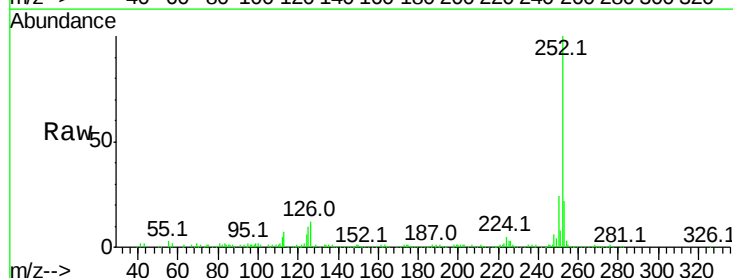
RT: 15.04 min Scan# 2203

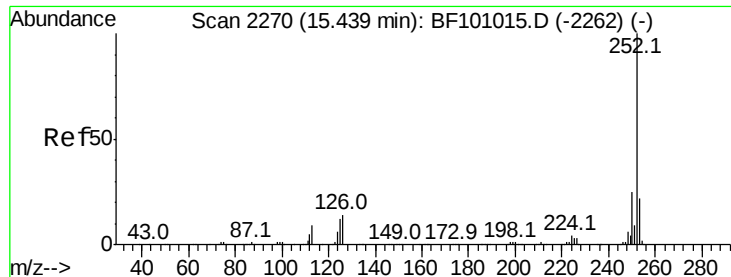
Delta R.T. -0.03 min

Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

Tgt Ion:252	Resp:	236271
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.9 26.9
125	10.3	10.2 15.2





#89

Benzo(a)pyrene

Concen: 14.594 ng

RT: 15.35 min Scan# 2255

Delta R.T. -0.06 min

Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

Instrument :

BNA_F

ClientSampleId :

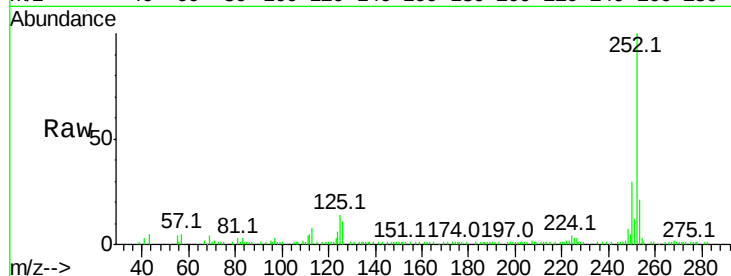
Tot Ion:252 Resp: 74412

Ion Ratio Lower Upper

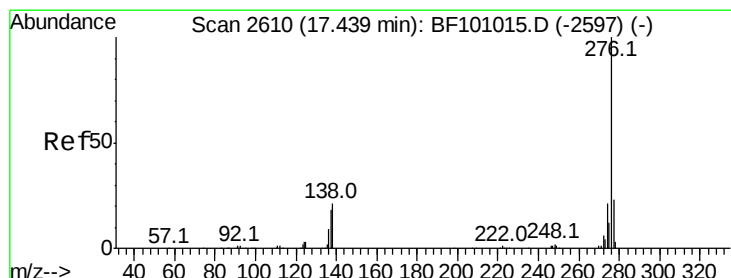
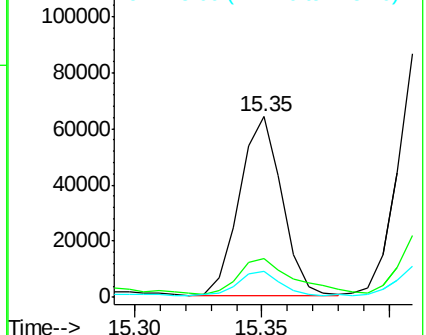
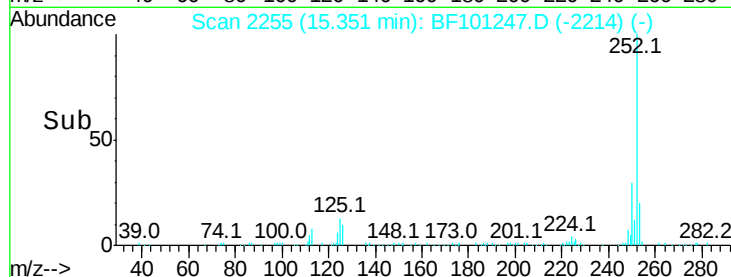
252 100

253 21.4 17.1 25.7

125 14.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 13.529 ng

RT: 17.40 min Scan# 2603

Delta R.T. 0.01 min

Lab File: BF101247.D

Acq: 8 Dec 2017 20:25

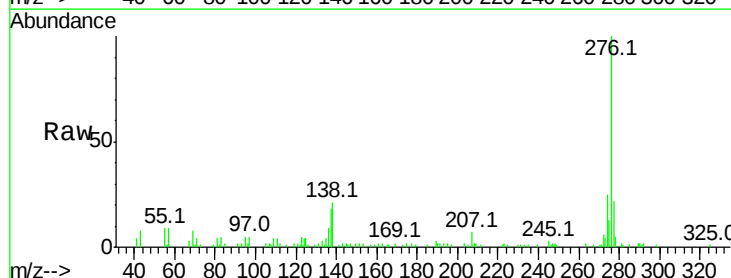
Tgt Ion:276 Resp: 57315

Ion Ratio Lower Upper

276 100

277 22.2 17.9 26.9

138 21.5 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

