

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101514.D
 Acq On : 19 Dec 2017 9:09
 Operator : SJ/JU
 Sample : I6877-04DL 4X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(13-15)DL

Quant Time: Dec 19 10:24:55 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	135609	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	491360	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	176619	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	284135	20.00	ng	0.00
75) Chrysene-d12	13.99	240	284074	20.00	ng	0.00
86) Perylene-d12	15.47	264	295788	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	258807	28.43	ng	0.01
7) Phenol-d6	6.45	99	312437	27.58	ng	0.00
23) Nitrobenzene-d5	7.37	82	165638	18.76	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	40673	23.90	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	255105	22.41	ng	0.00
78) Terphenyl-d14	12.92	244	184040	15.62	ng	0.00

Target Compounds

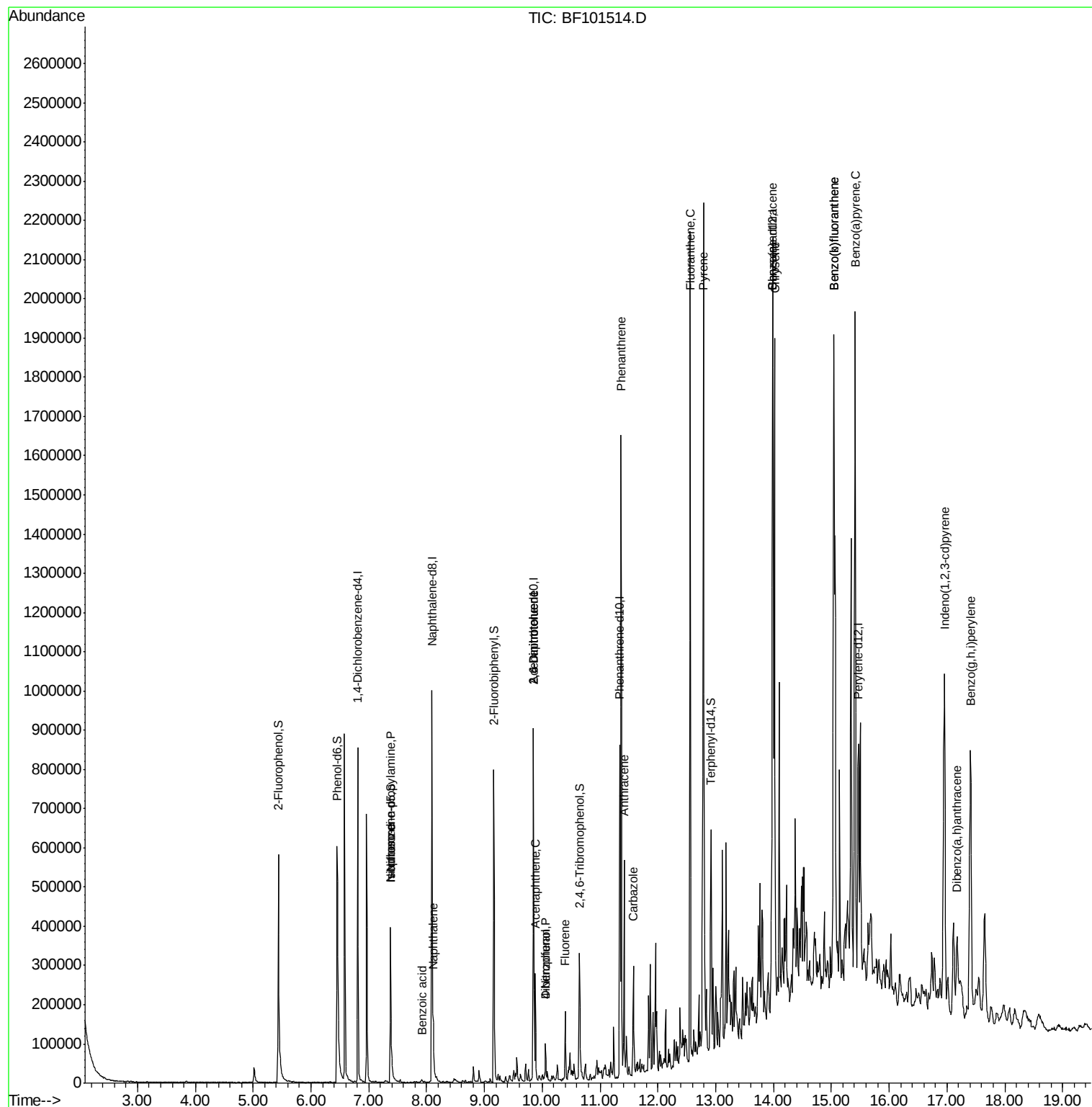
						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	21305	2.863	ng	# 86
25) Isophorone	7.37	82	165638	9.354	ng	# 64
31) Naphthalene	8.12	128	59819	2.418	ng	99
32) Benzoic acid	7.92	122	2383	8.375	ng	# 19
50) 2,6-Dinitrotoluene	9.85	165	22676	7.853	ng	# 24
51) Acenaphthene	9.88	154	57448	5.051	ng	95
54) Dibenzofuran	10.06	168	38117	2.637	ng	97
55) 4-Nitrophenol	10.06	139	13899	8.855	ng	# 10
56) 2,4-Dinitrotoluene	9.85	165	22676	6.971	ng	# 22
57) Fluorene	10.40	166	46776	3.826	ng	99
70) Phenanthrene	11.36	178	581103	36.776	ng	99
71) Anthracene	11.42	178	199044	12.332	ng	99
72) Carbazole	11.58	167	108354	7.170	ng	98
74) Fluoranthene	12.56	202	922084	55.596	ng	96
77) Pyrene	12.79	202	949827	44.552	ng	100
80) Benzo(a)anthracene	13.98	228	768113	40.949	ng	98
82) Chrysene	14.02	228	662142	37.386	ng	97
85) Indeno(1,2,3-cd)pyrene	16.96	276	588874	37.338	ng	# 90
87) Benzo(b)fluoranthene	15.04	252	1433699	79.522	ng	97
88) Benzo(k)fluoranthene	15.04	252	1433699	81.790	ng	99
89) Benzo(a)pyrene	15.41	252	943688	56.780	ng	96
90) Dibenz(a,h)anthracene	17.17	278	81911	5.740	ng	96
91) Benzo(g,h,i)perylene	17.41	276	550212	38.939	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: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)DL

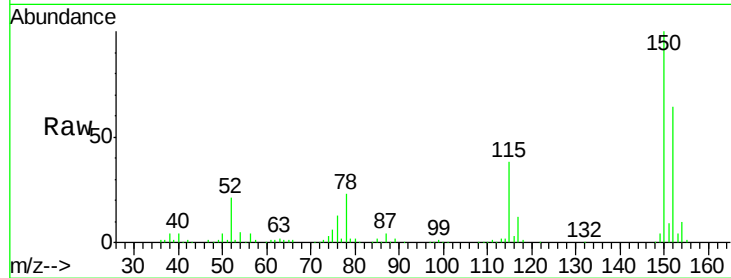
Tgt Ion:152 Resp: 135609

Ion Ratio Lower Upper

152 100

150 157.3 124.6 186.8

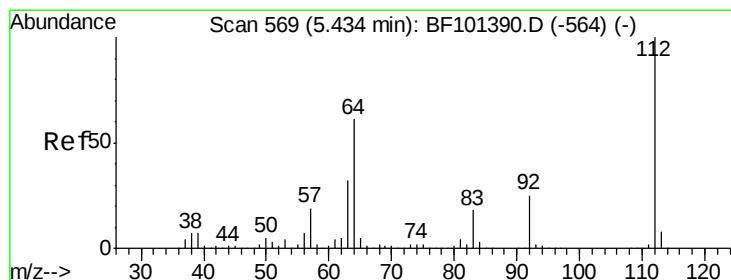
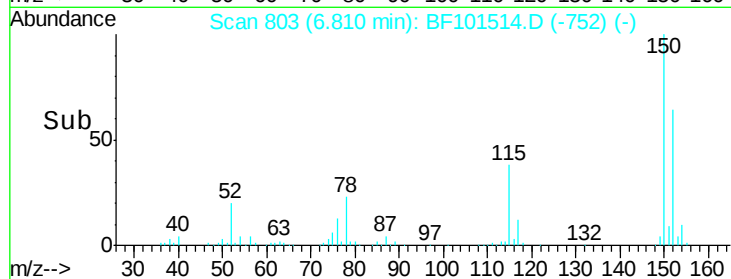
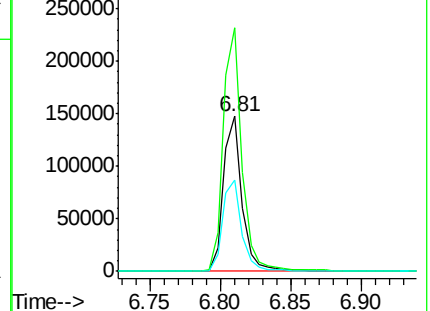
115 59.3 50.1 75.1



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: 28.428 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

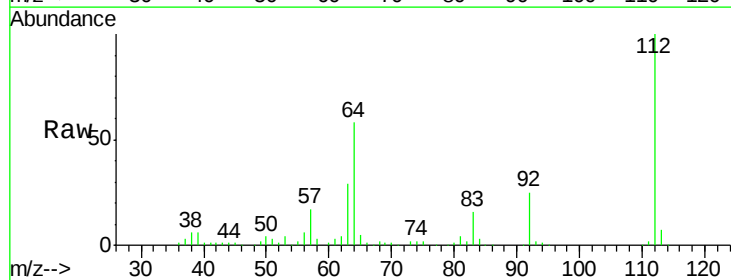
Tgt Ion:112 Resp: 258807

Ion Ratio Lower Upper

112 100

64 57.6 47.9 71.9

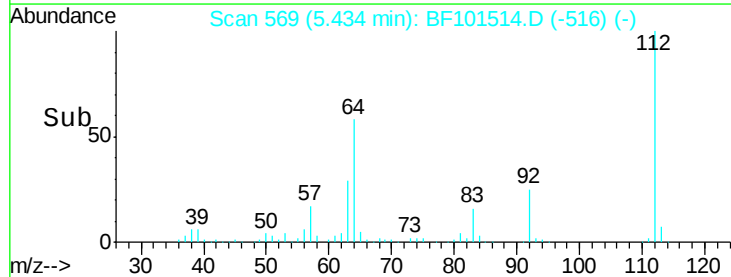
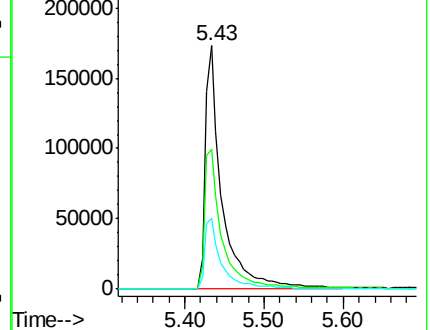
63 29.3 23.7 35.5

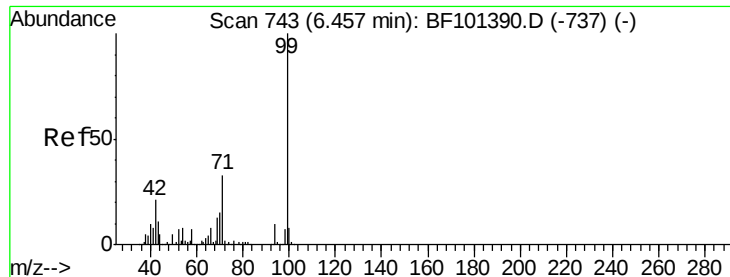


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 27.576 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)DL

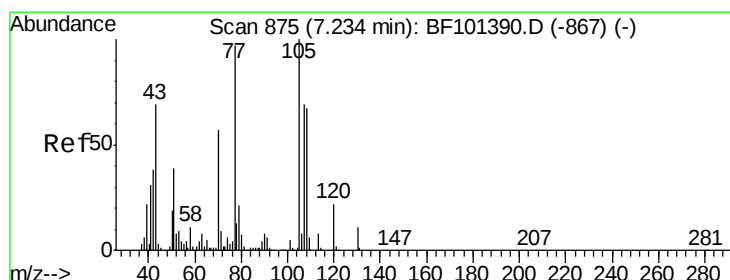
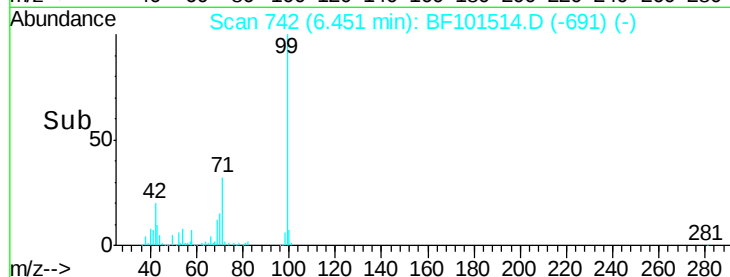
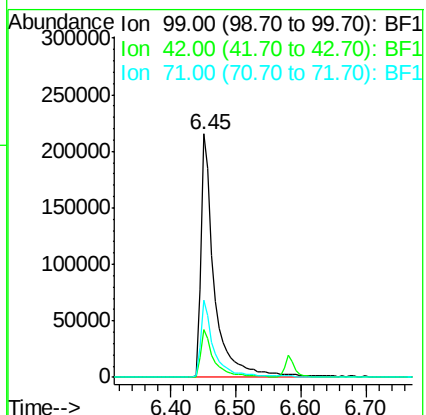
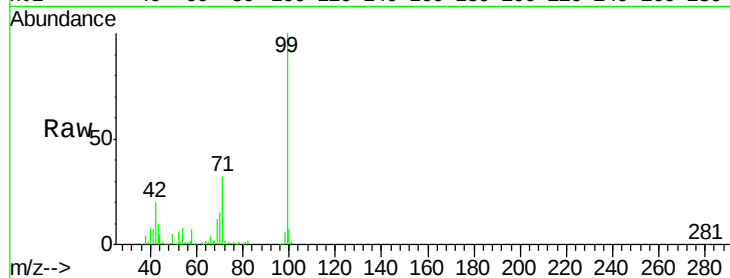
Tgt Ion: 99 Resp: 312437

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 31.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.863 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

Tgt Ion: 70 Resp: 21305

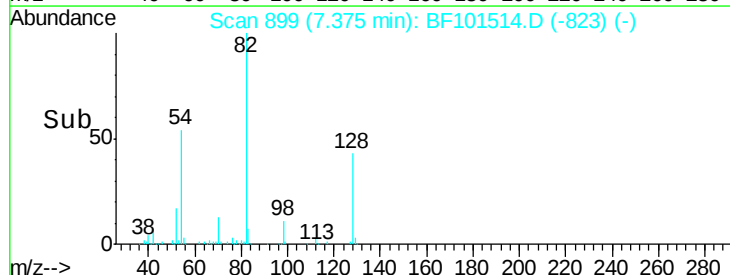
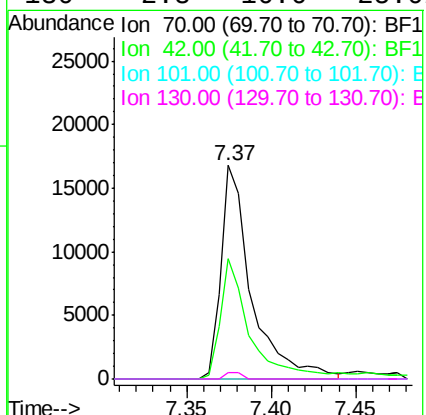
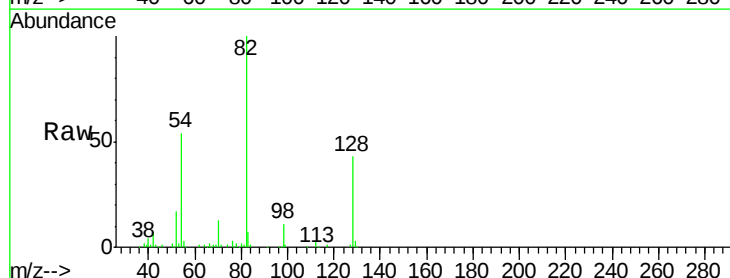
Ion Ratio Lower Upper

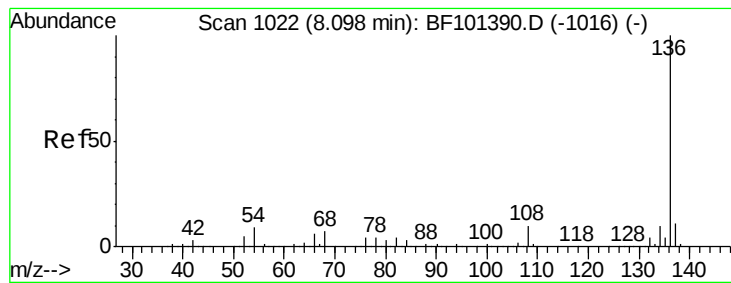
70 100

42 56.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)DL

Tgt Ion: 136 Resp: 491360

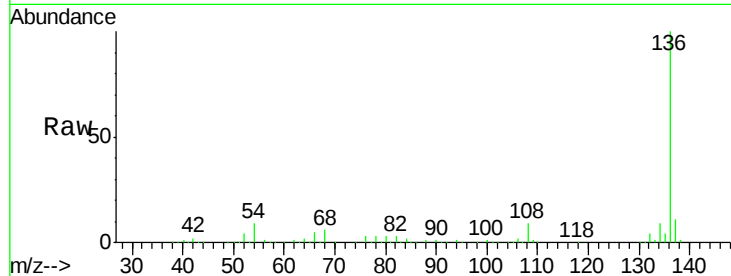
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.7 6.6 9.8

68 6.1 5.0 7.4

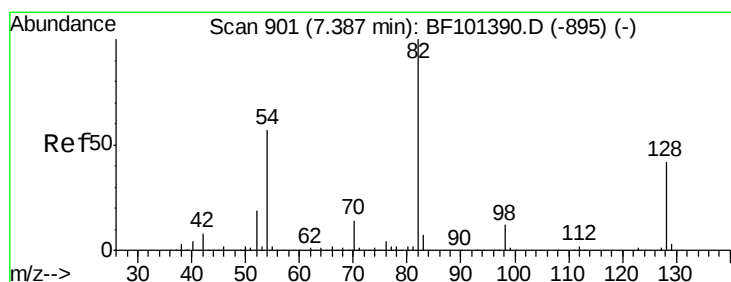
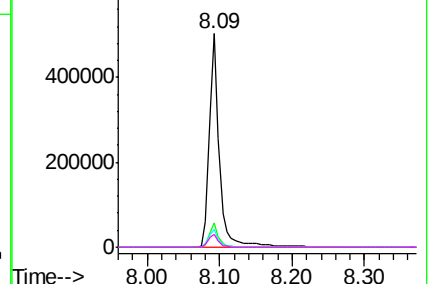
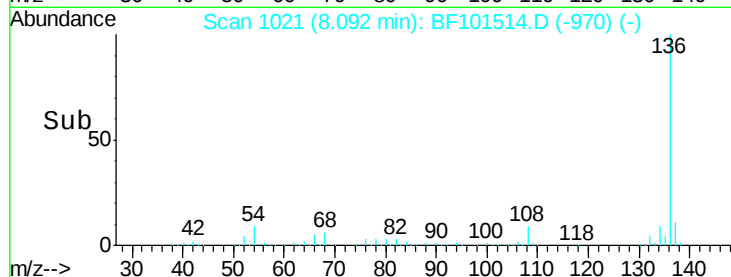


Abundance Ion 136.00 (135.70 to 136.70): E

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: 18.765 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

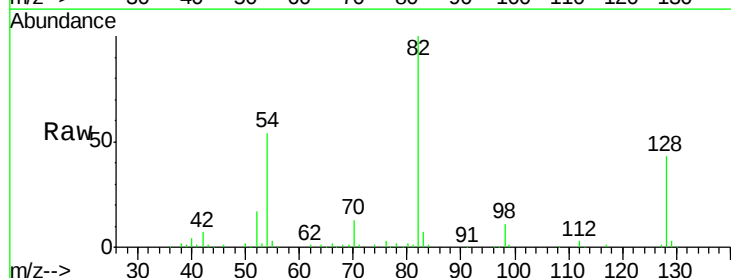
Tgt Ion: 82 Resp: 165638

Ion Ratio Lower Upper

82 100

128 43.4 36.1 54.1

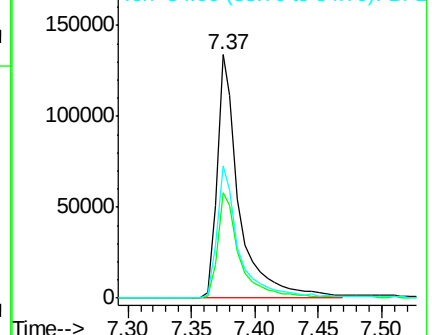
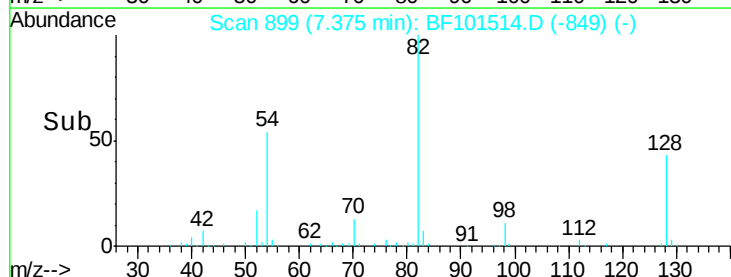
54 54.5 41.4 62.2

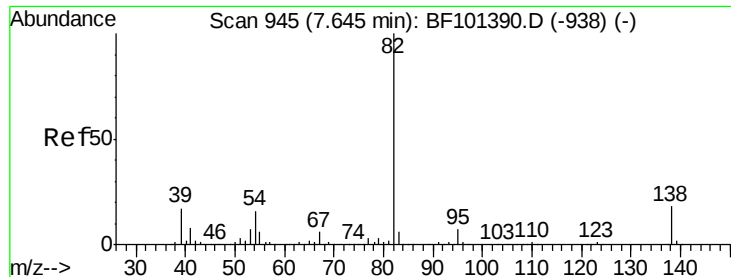


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 9.354 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)DL

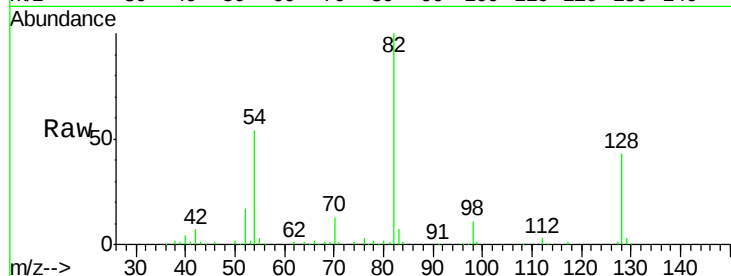
Tgt Ion: 82 Resp: 165638

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

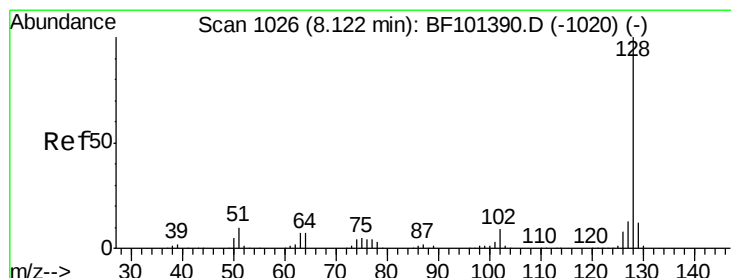
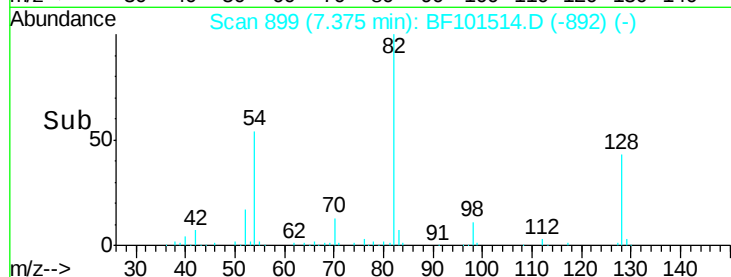
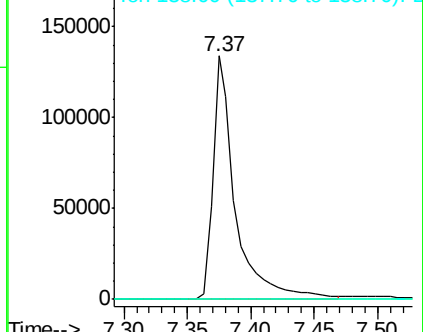
138 0.0 14.9 22.3#



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: 2.418 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

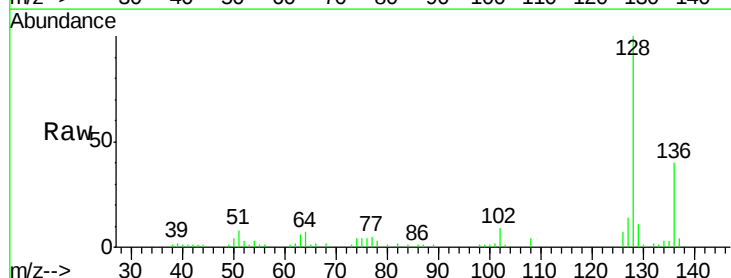
Tgt Ion: 128 Resp: 59819

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

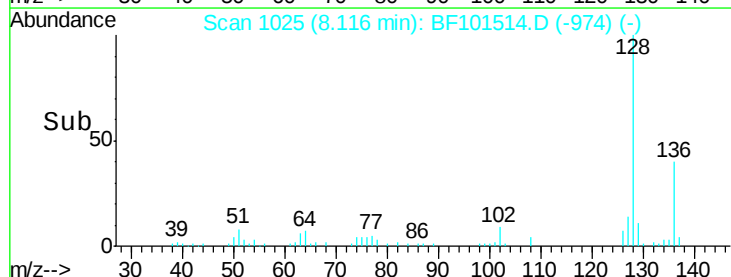
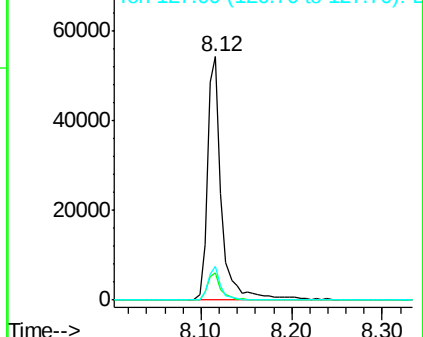
127 14.0 10.9 16.3

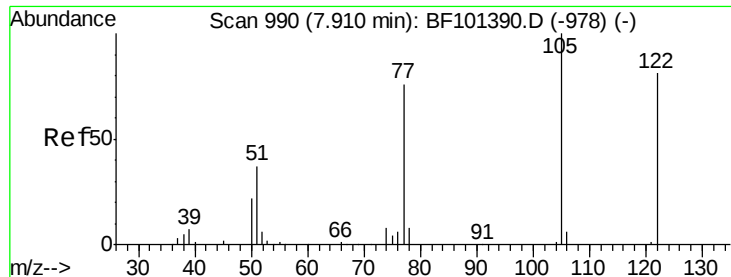


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 8.375 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)DL

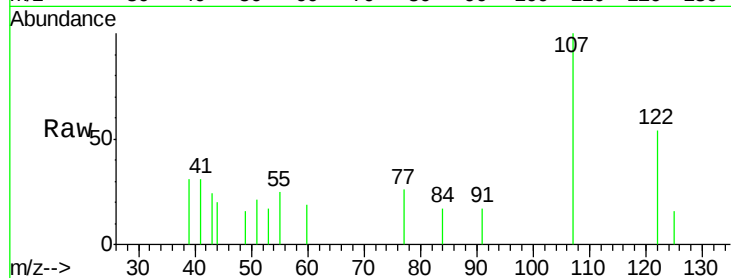
Tgt Ion:122 Resp: 2383

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

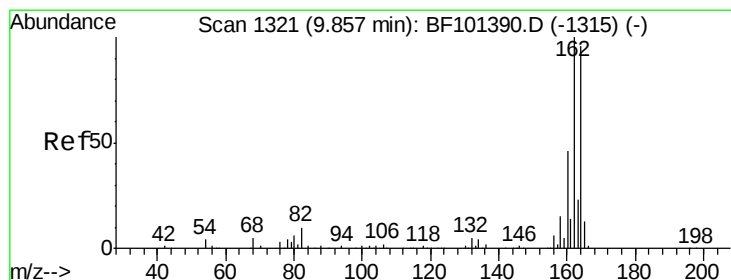
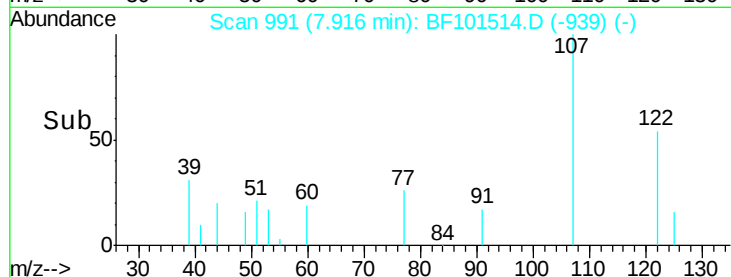
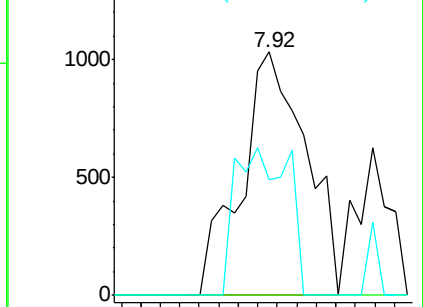
77 47.6 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

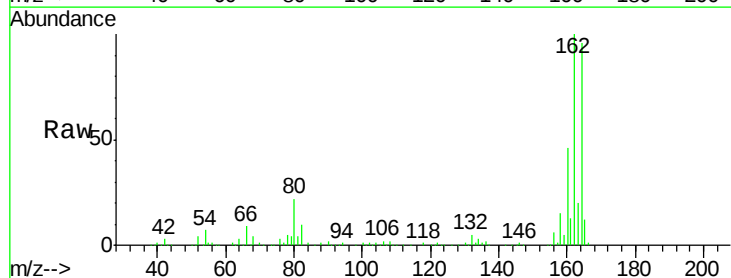
Tgt Ion:164 Resp: 176619

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

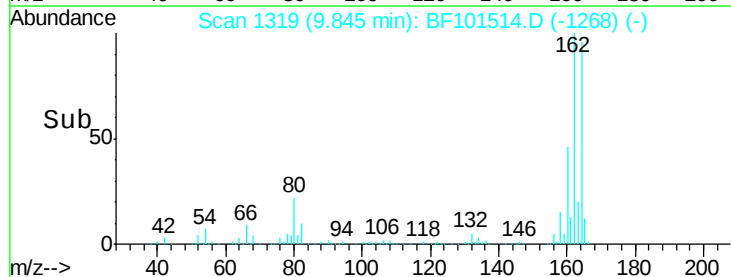
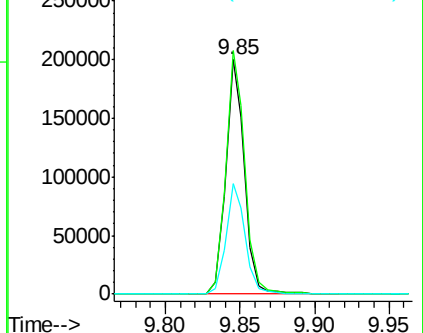
160 47.3 38.3 57.5

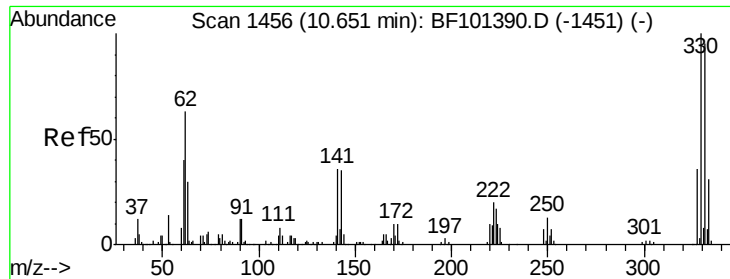


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

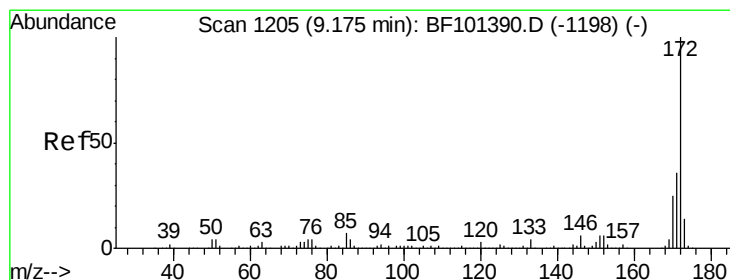
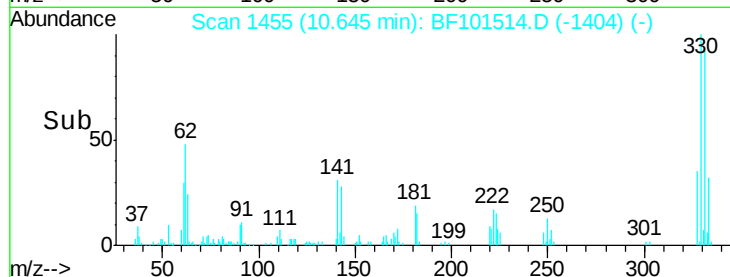
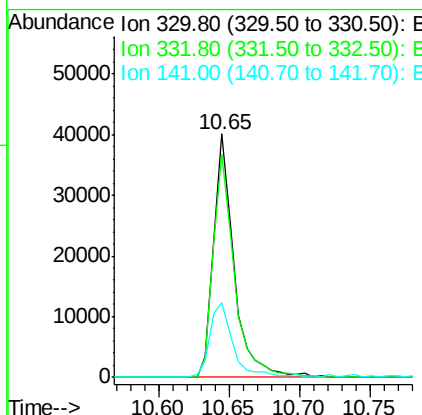
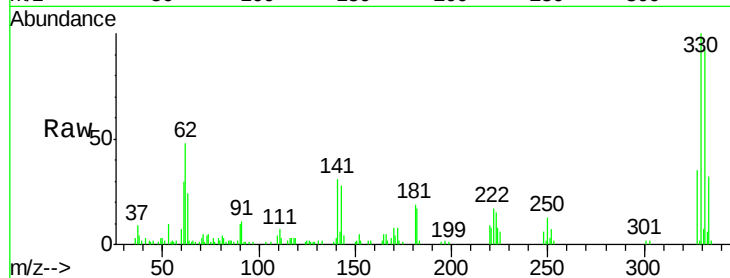




#41
 2,4,6-Tribromophenol
 Concen: 23.899 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101514.D
 Acq: 19 Dec 2017 9:09

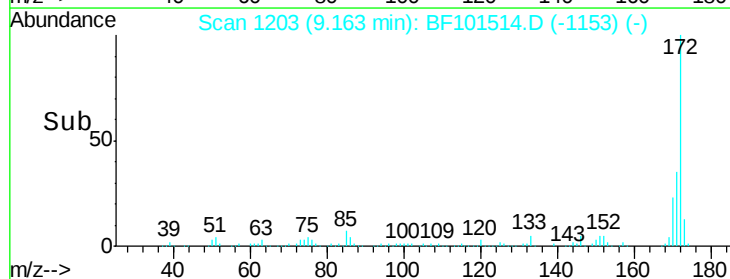
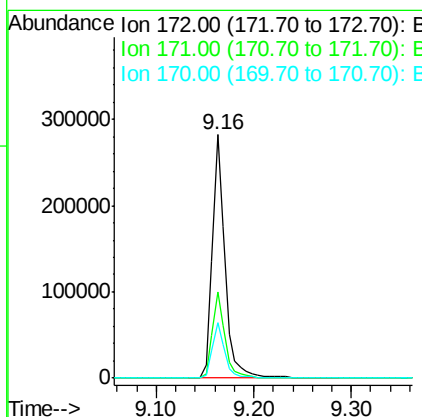
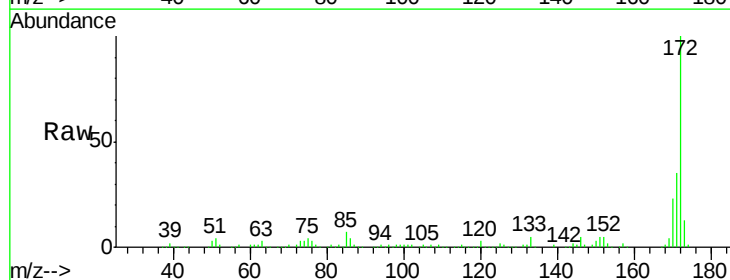
Instrument :
 BNA_F
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 SB-7(13-15)DL

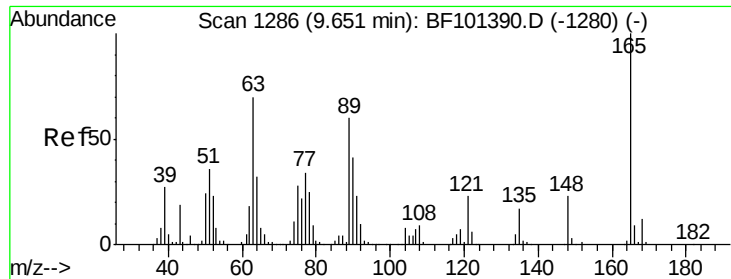
Tgt Ion: 330 Resp: 40673
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 34.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 22.406 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101514.D
 Acq: 19 Dec 2017 9:09

Tgt Ion: 172 Resp: 255105
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 22.9 19.6 29.4

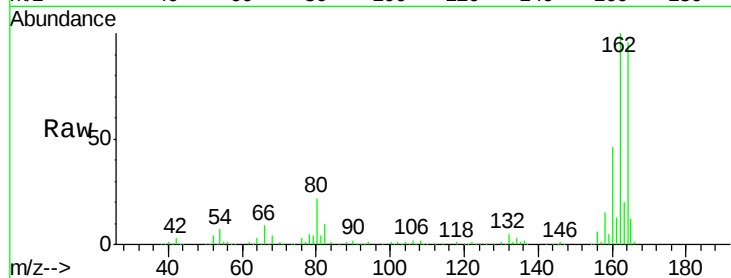




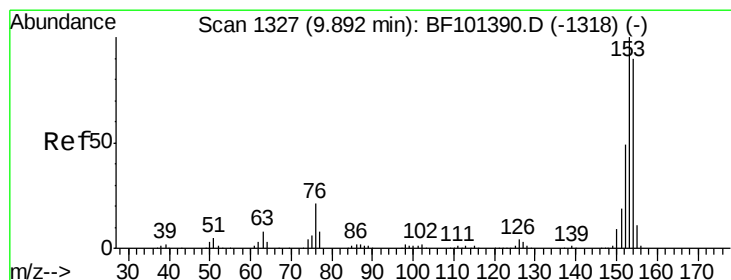
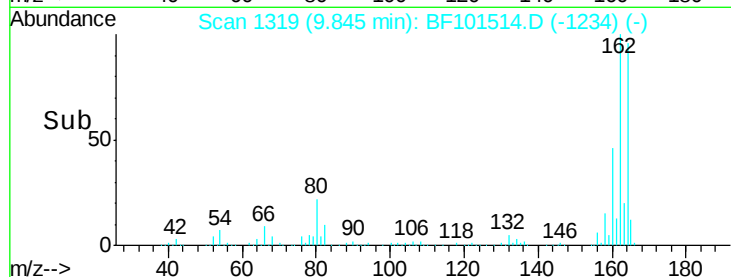
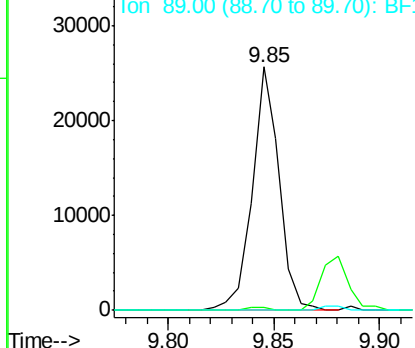
#50
2,6-Dinitrotoluene
Concen: 7.853 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:165 Resp: 22676
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 0.0 44.0 66.0#

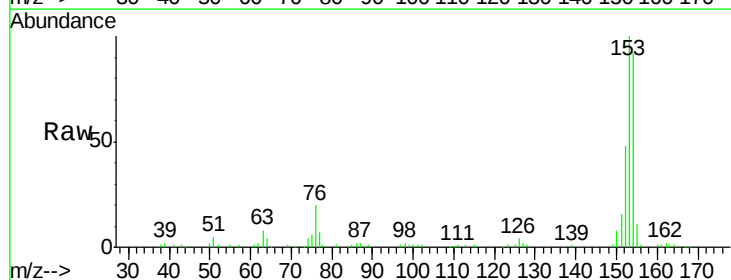


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

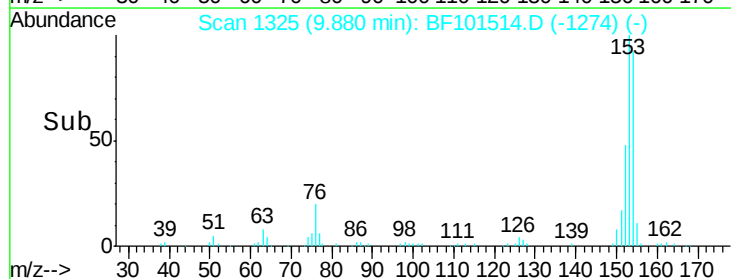
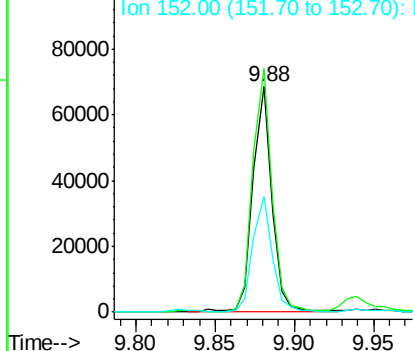


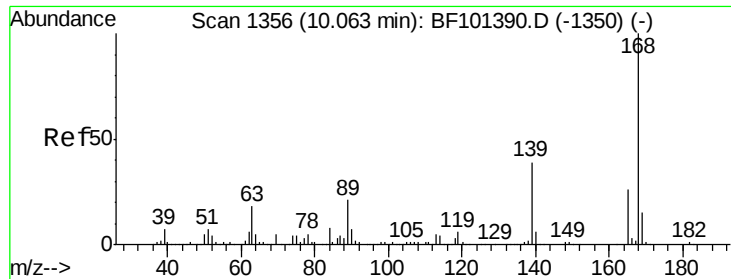
#51
Acenaphthene
Concen: 5.051 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:154 Resp: 57448
Ion Ratio Lower Upper
154 100
153 108.2 91.2 136.8
152 51.6 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: 2.637 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)DL

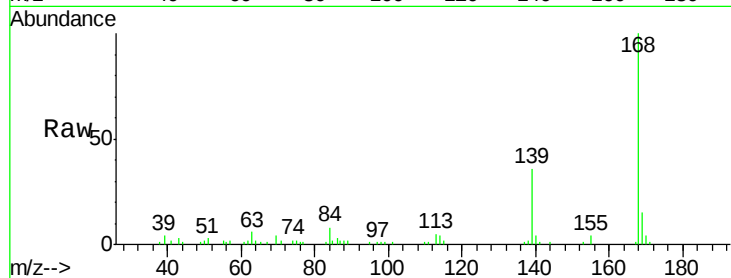
Tgt Ion:168 Resp: 38117

Ion Ratio Lower Upper

168 100

139 35.9 30.1 45.1

169 14.6 10.9 16.3

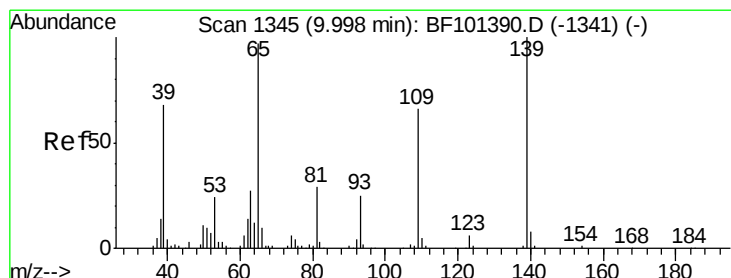
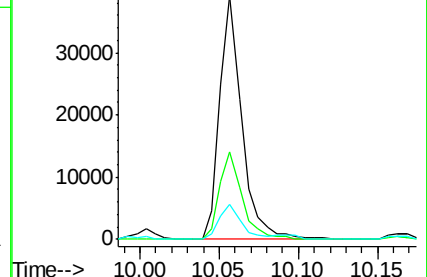
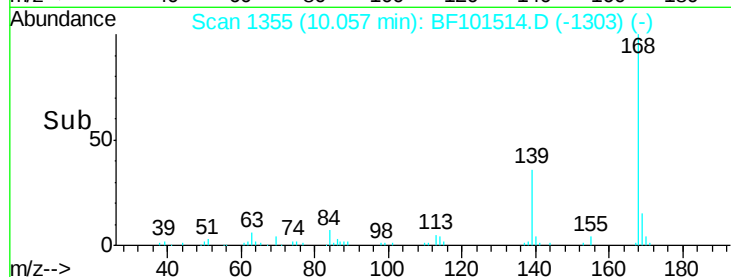


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



#55

4-Nitrophenol

Concen: 8.855 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.06 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

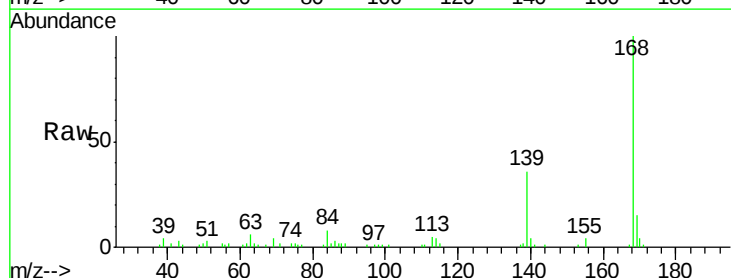
Tgt Ion:139 Resp: 13899

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

65 2.4 72.6 112.6#

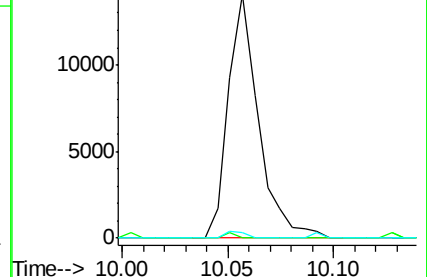
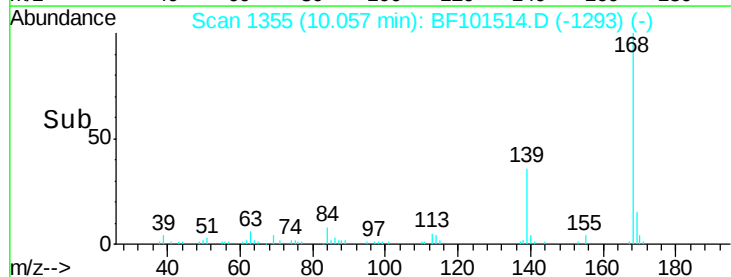


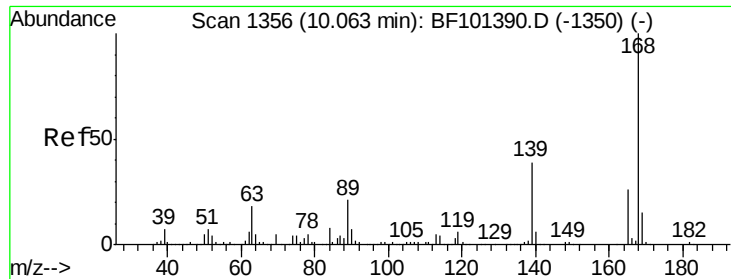
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

Time-->

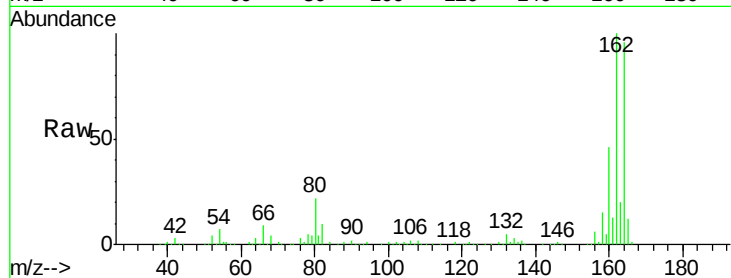




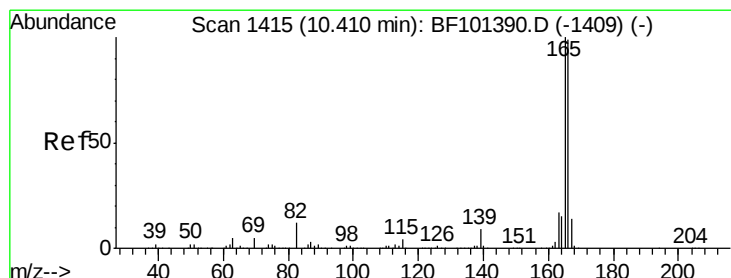
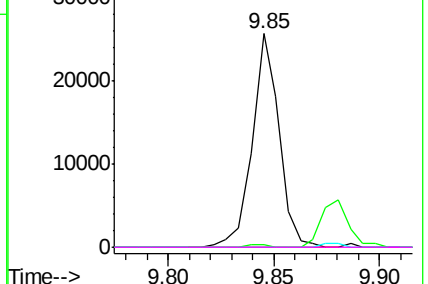
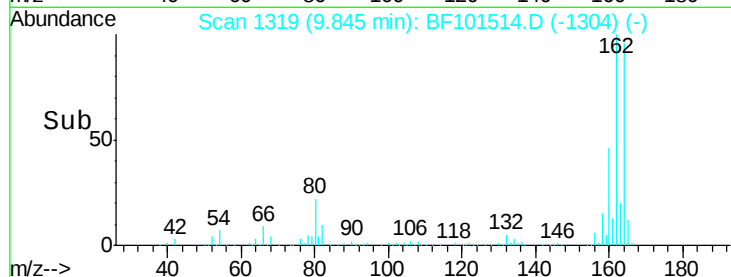
#56
2,4-Dinitrotoluene
Concen: 6.971 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:	165	Resp:	22676
Ion Ratio	Lower	Upper	
165	100		
63	1.2	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

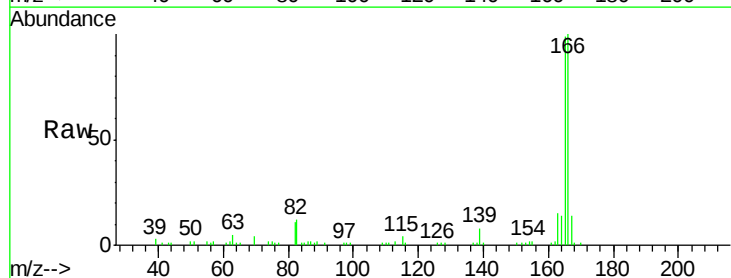


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

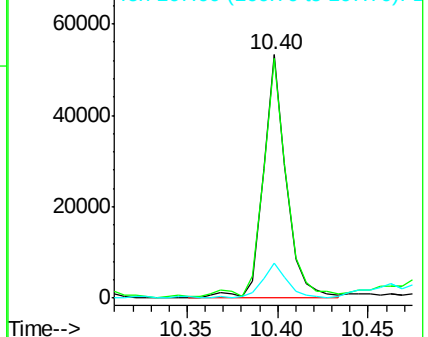
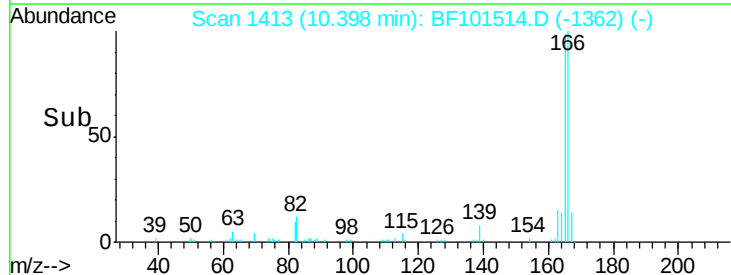


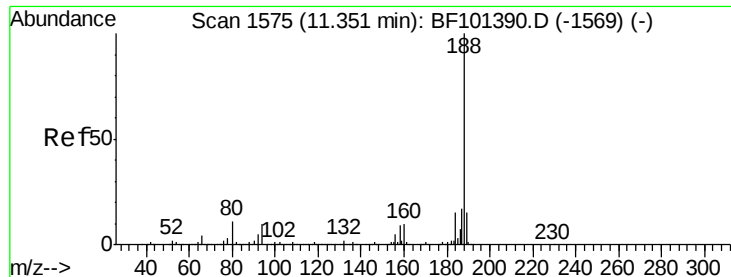
#57
Fluorene
Concen: 3.826 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:	166	Resp:	46776
Ion Ratio	Lower	Upper	
166	100		
165	98.7	79.8	119.8
167	14.4	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

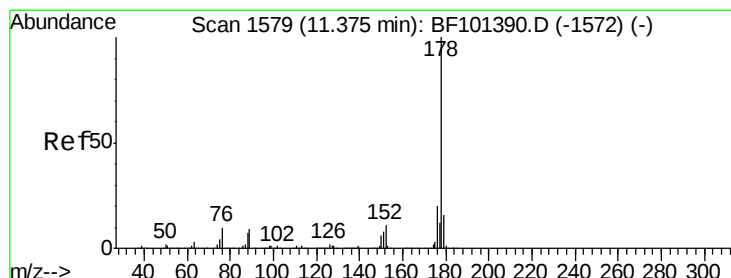
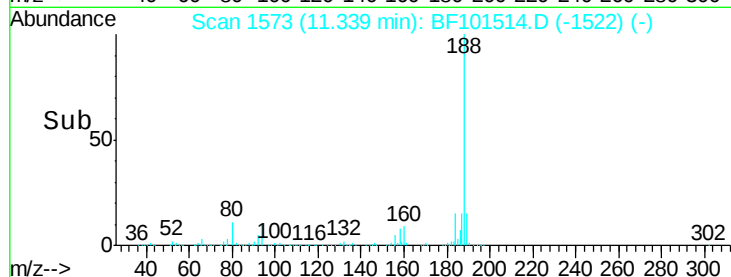
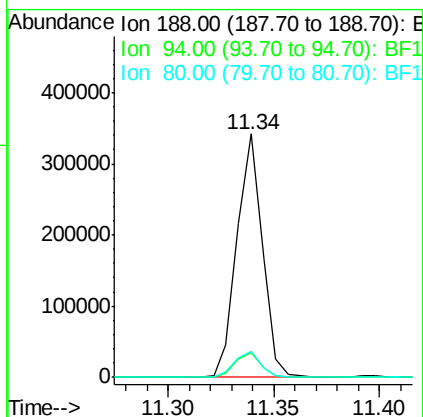
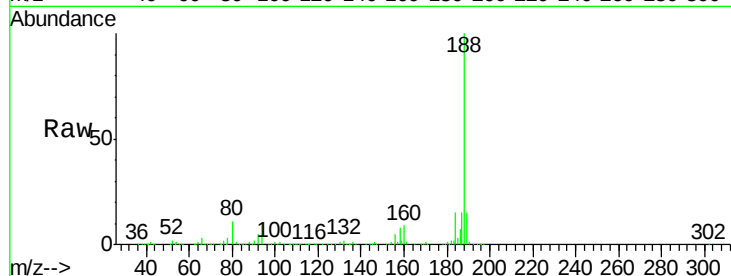




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

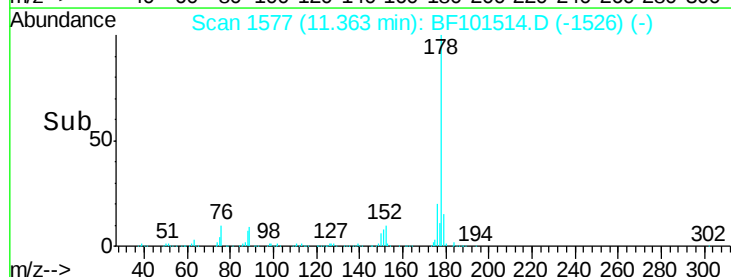
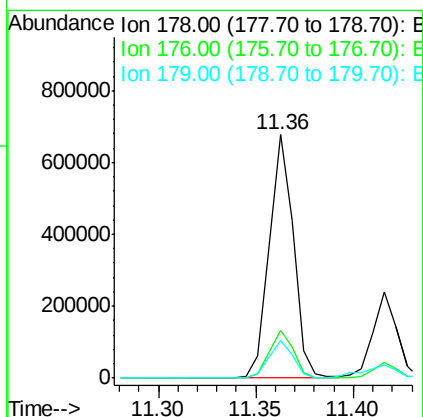
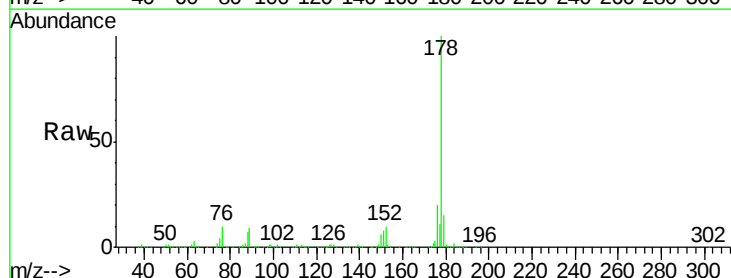
Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

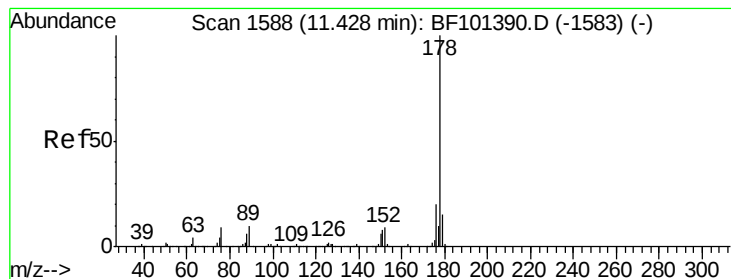
Tgt Ion:188 Resp: 284135
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.8 9.2 13.8



#70
Phenanthrene
Concen: 36.776 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF101514.D
Acq: 19 Dec 2017 9:09

Tgt Ion:178 Resp: 581103
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.4 13.0 19.6





#71

Anthracene

Concen: 12.332 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)DL

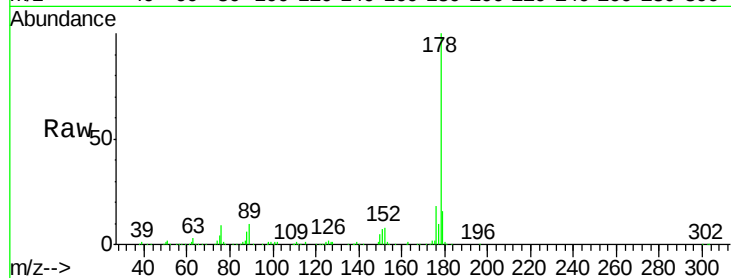
Tgt Ion:178 Resp: 199044

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.2

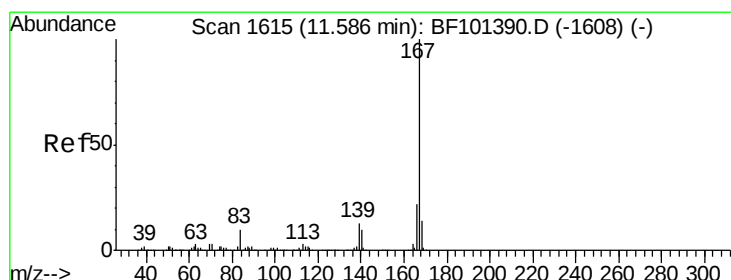
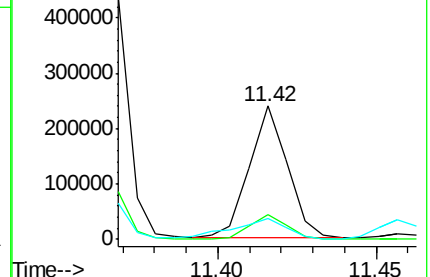
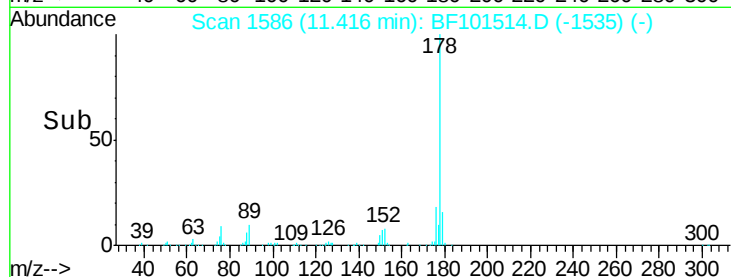
179 15.7 12.6 19.0



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: 7.170 ng

RT: 11.58 min Scan# 1614

Delta R.T. 0.01 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

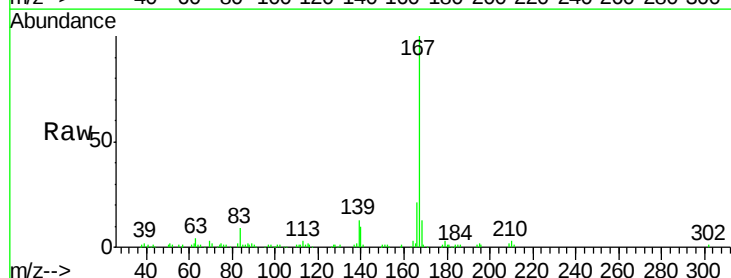
Tgt Ion:167 Resp: 108354

Ion Ratio Lower Upper

167 100

166 20.8 17.6 26.4

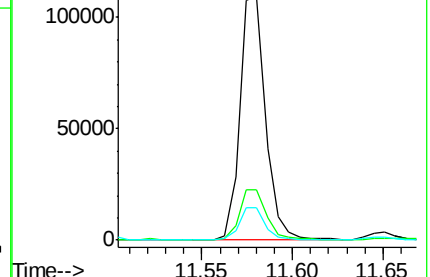
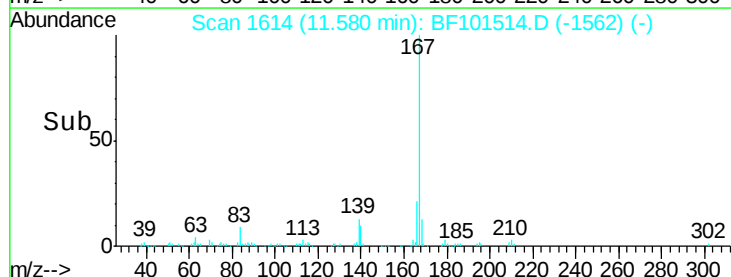
139 13.3 10.9 16.3

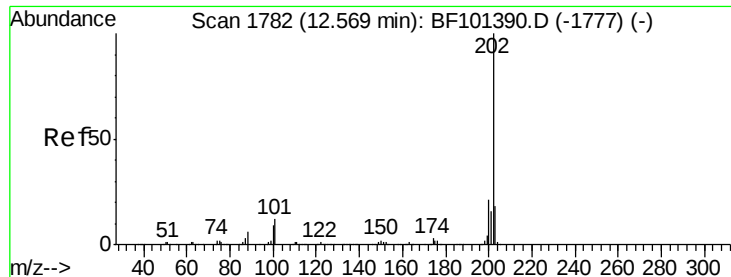


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

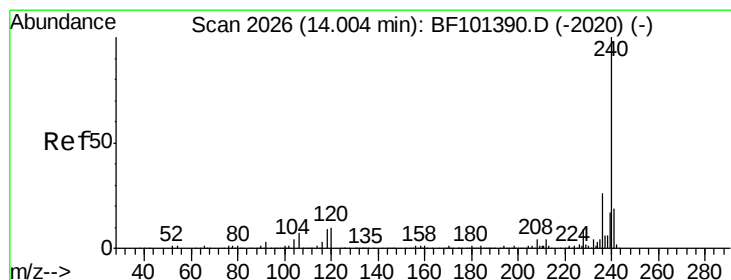
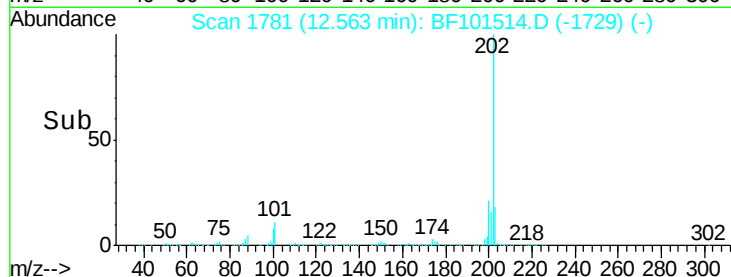
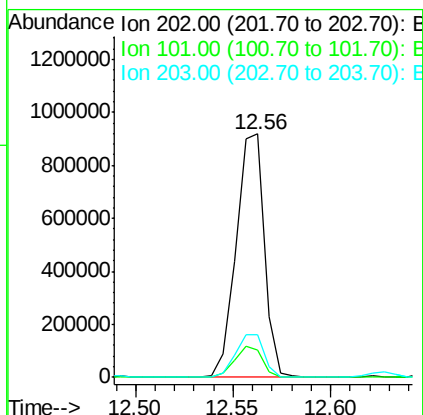
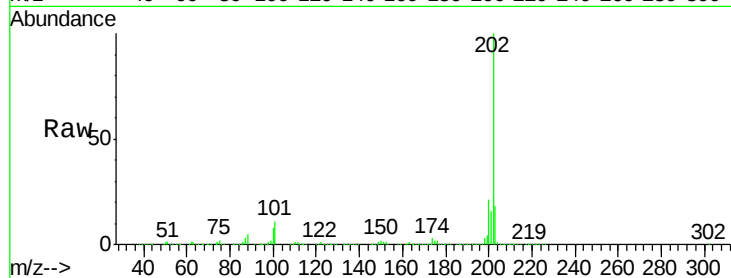




#74
 Fluoranthene
 Concen: 55.596 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. 0.01 min
 Lab File: BF101514.D
 Acq: 19 Dec 2017 9:09

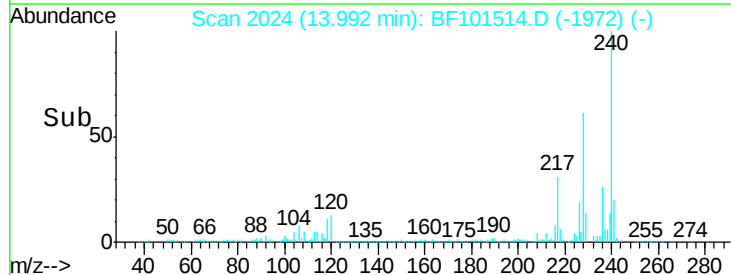
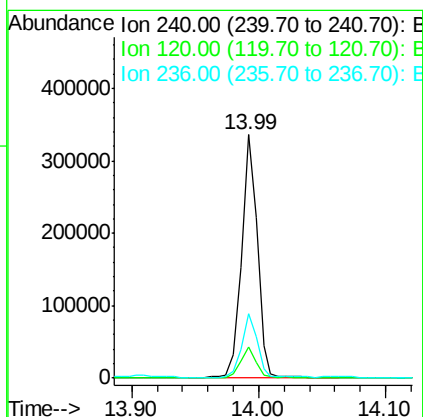
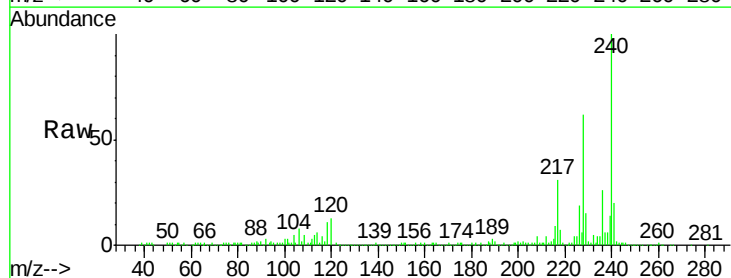
Instrument :
 BNA_F
 ClientSampleId :
 SB-7(13-15)DL

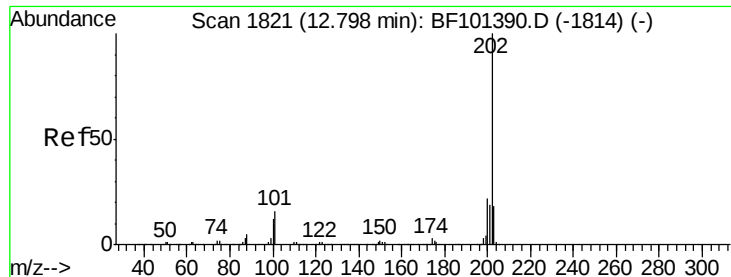
Tgt Ion: 202 Resp: 922084
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 34.1
 203 17.7 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF101514.D
 Acq: 19 Dec 2017 9:09

Tgt Ion: 240 Resp: 284074
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 26.2 20.7 31.1





#77

Pyrene

Concen: 44.552 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)DL

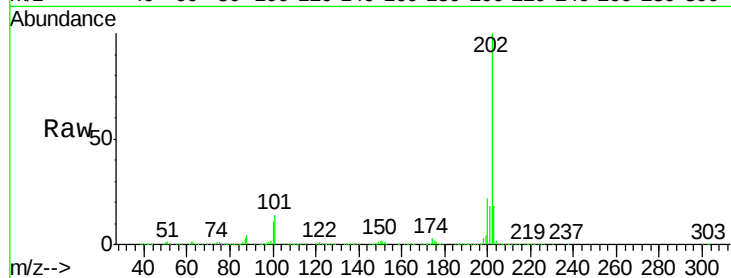
Tgt Ion:202 Resp: 949827

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

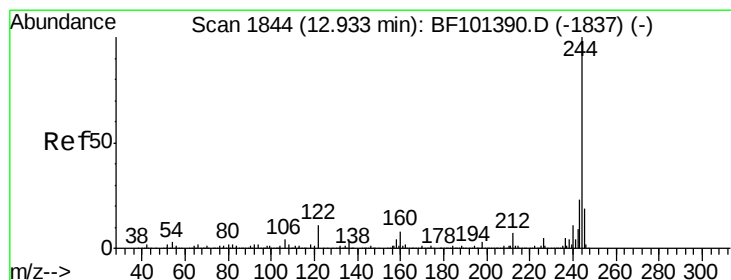
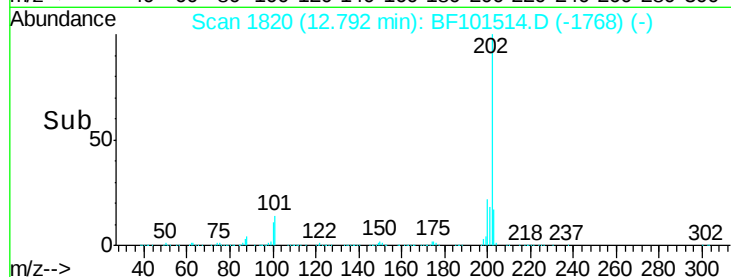
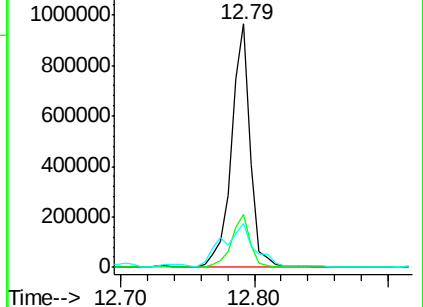
203 17.8 14.3 21.5



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: 15.618 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

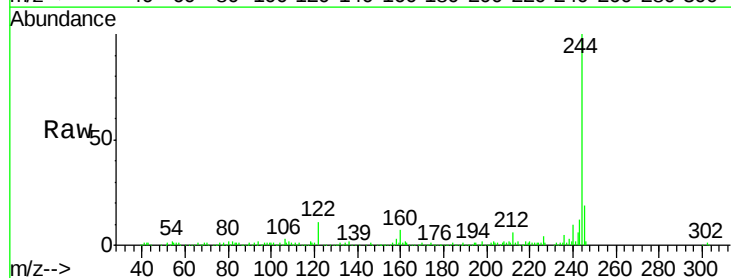
Tgt Ion:244 Resp: 184040

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

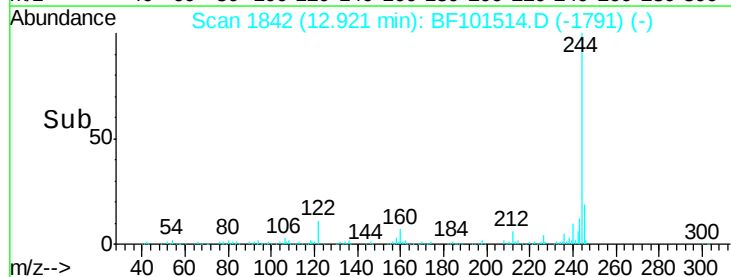
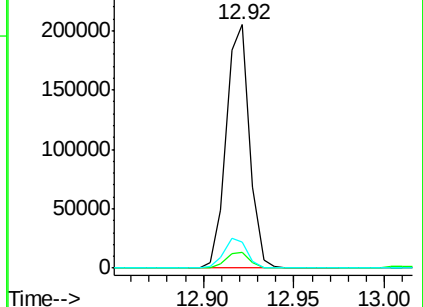
122 10.7 11.0 16.4#

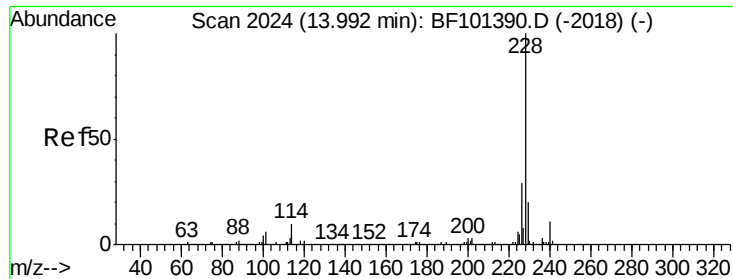


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 40.949 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)DL

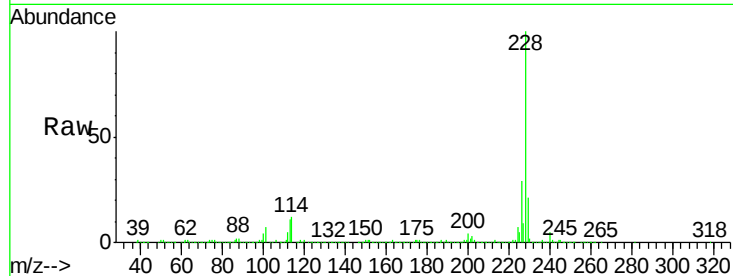
Tgt Ion:228 Resp: 768113

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

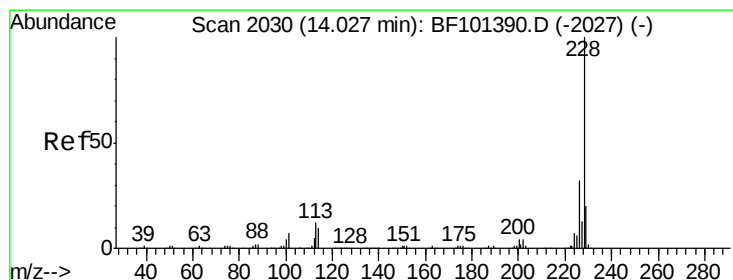
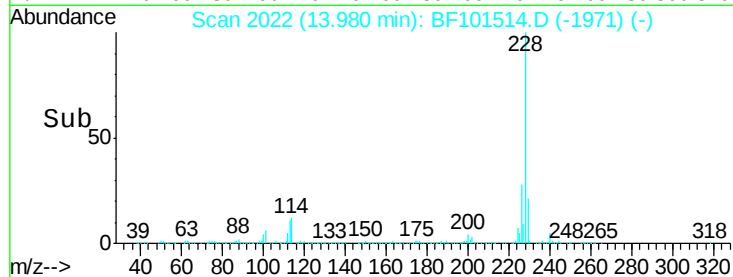
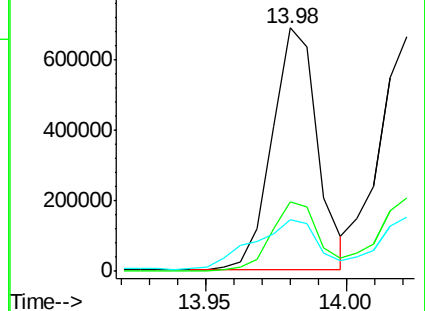
229 21.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 37.386 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

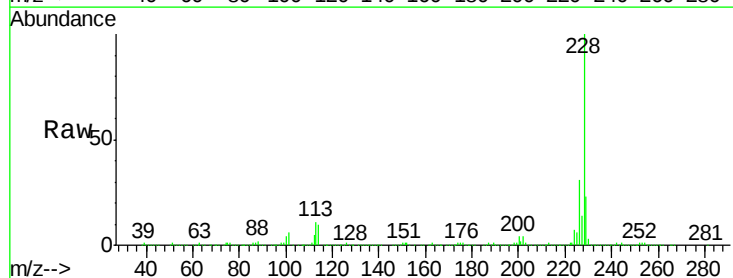
Tgt Ion:228 Resp: 662142

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

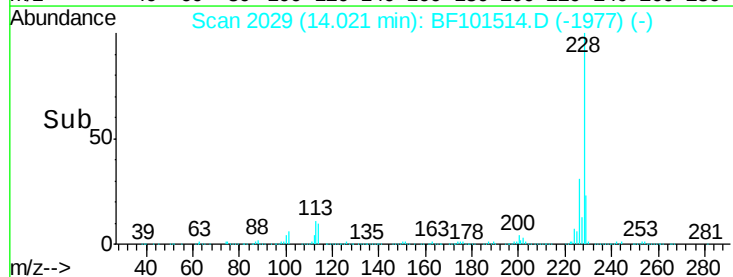
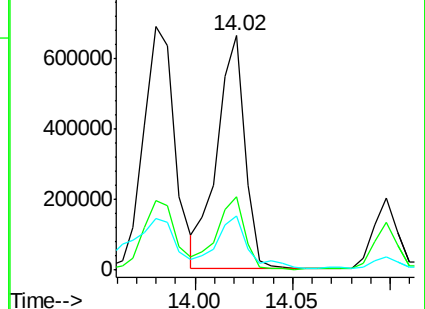
229 23.2 16.2 24.4

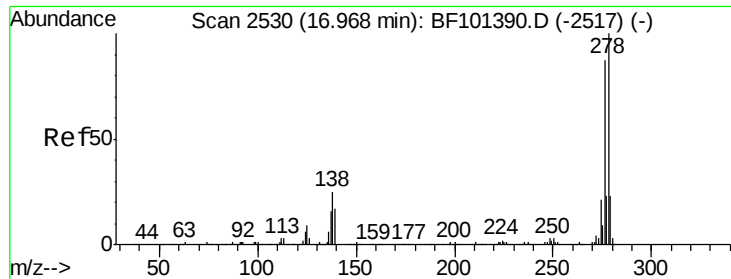


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.338 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.02 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)DL

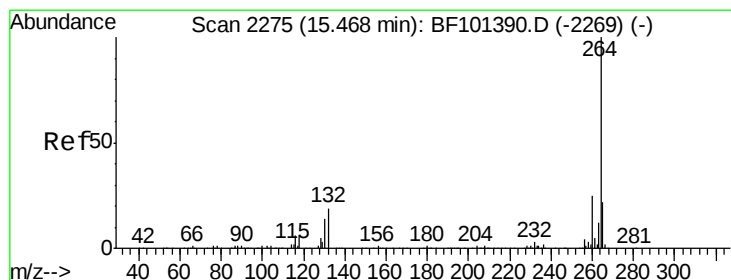
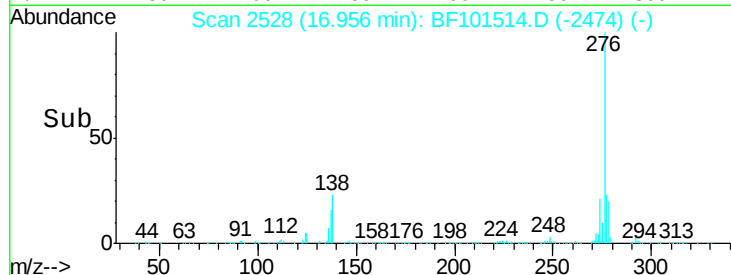
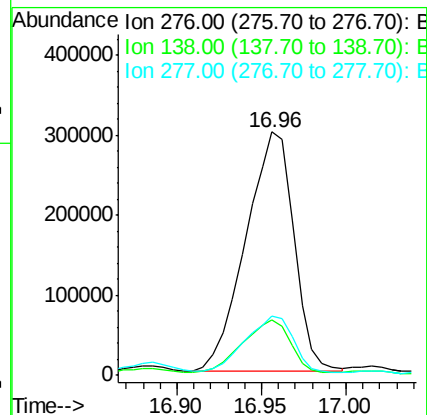
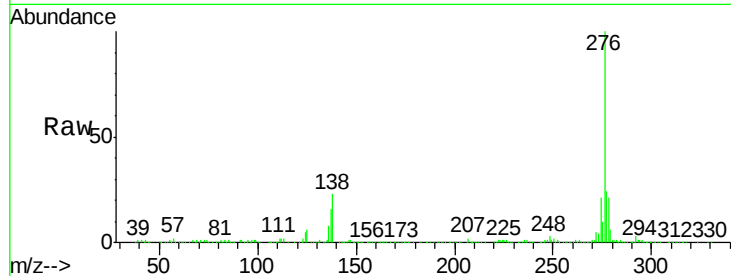
Tgt Ion:276 Resp: 588874

Ion Ratio Lower Upper

276 100

138 22.7 25.0 37.6#

277 24.1 20.1 30.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.02 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

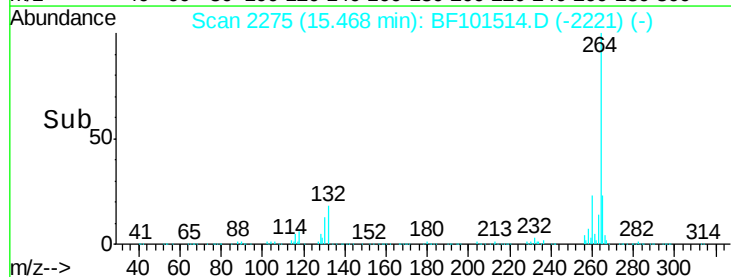
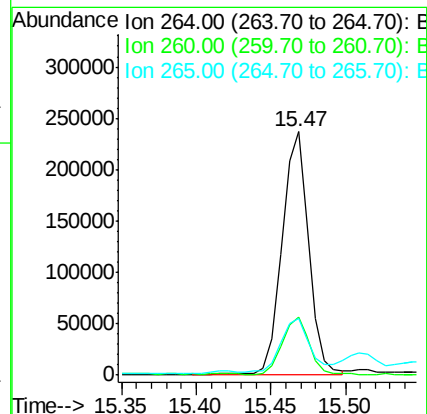
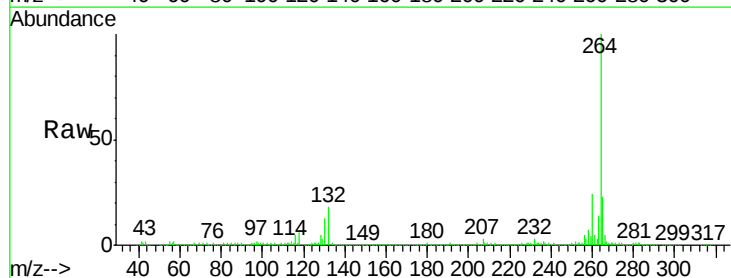
Tgt Ion:264 Resp: 295788

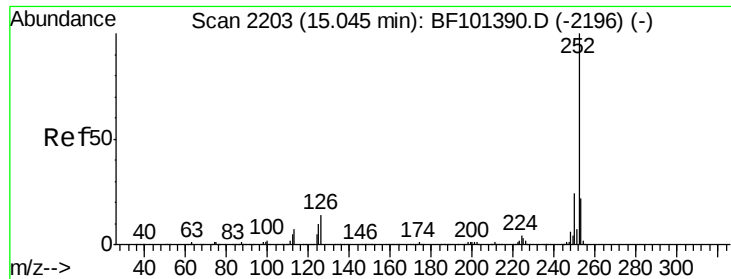
Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 23.3 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 79.522 ng

RT: 15.04 min Scan# 2203

Delta R.T. 0.02 min

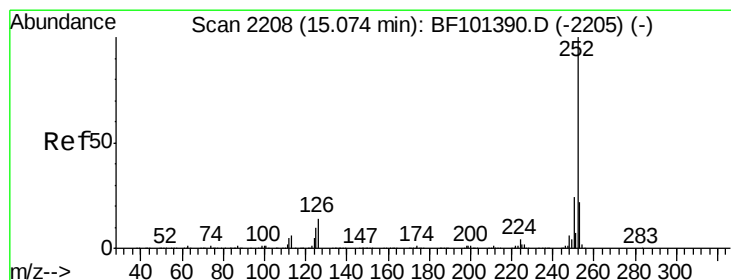
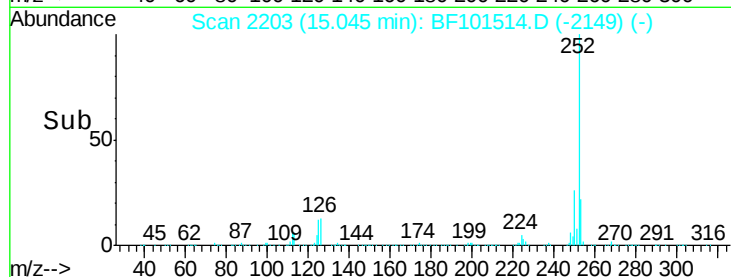
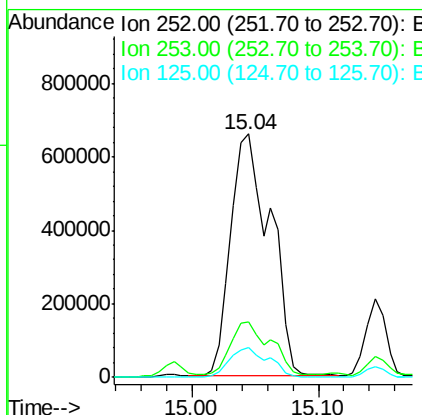
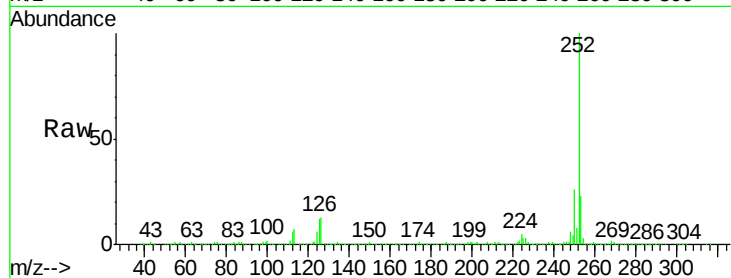
Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)DL

Tgt Ion:252 Resp: 1433699

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	12.1	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 81.790 ng

RT: 15.04 min Scan# 2203

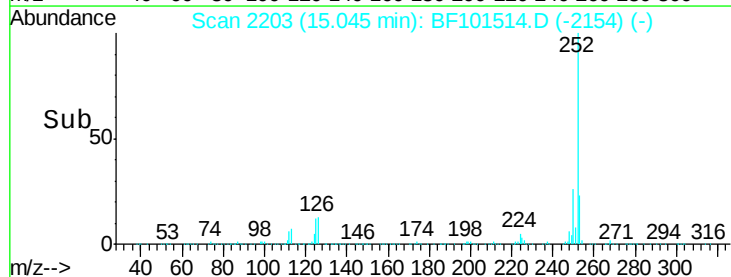
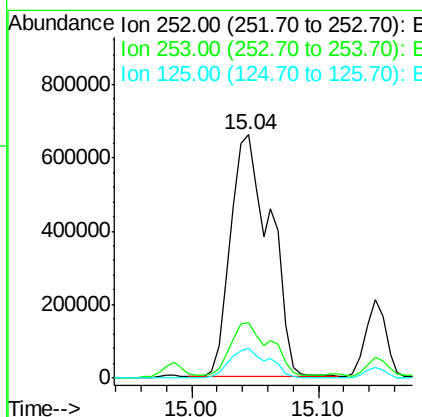
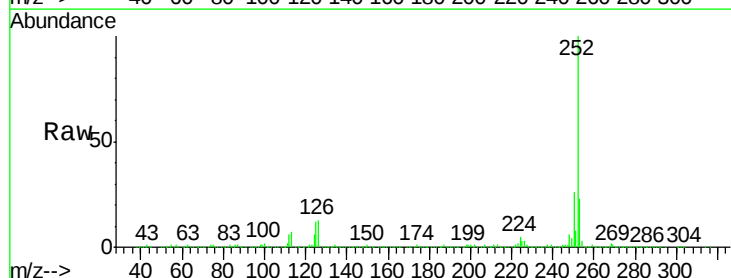
Delta R.T. -0.01 min

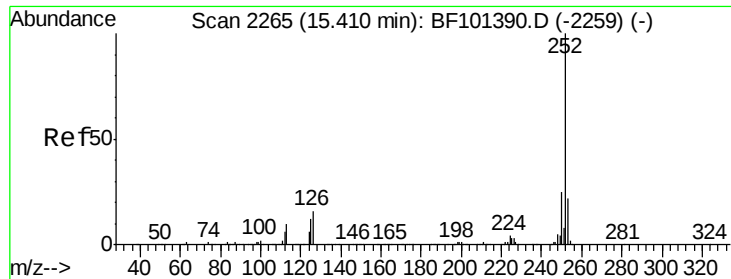
Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

Tgt Ion:252 Resp: 1433699

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	12.1	10.2	15.2





#89

Benzo(a)pyrene

Concen: 56.780 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.02 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)DL

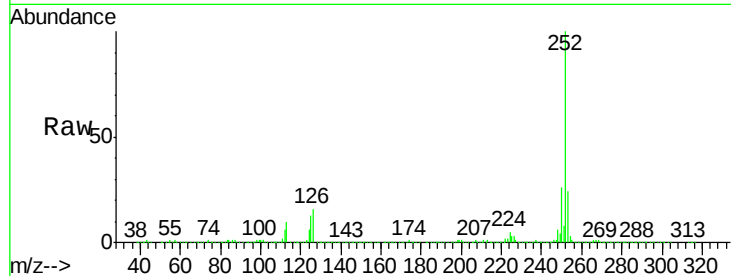
Tgt Ion:252 Resp: 943688

Ion Ratio Lower Upper

252 100

253 24.0 17.1 25.7

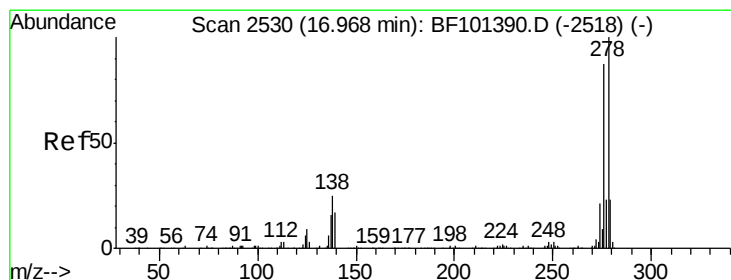
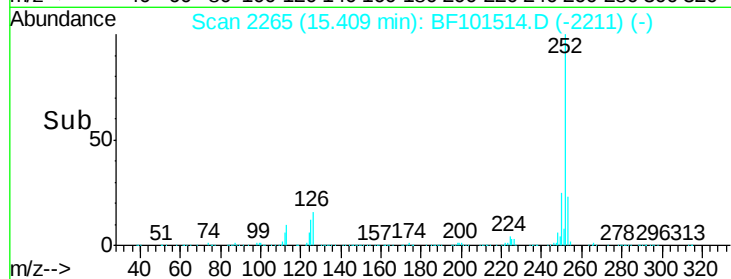
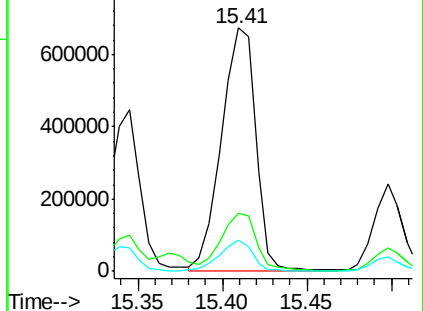
125 12.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 5.740 ng

RT: 17.17 min Scan# 2565

Delta R.T. 0.24 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

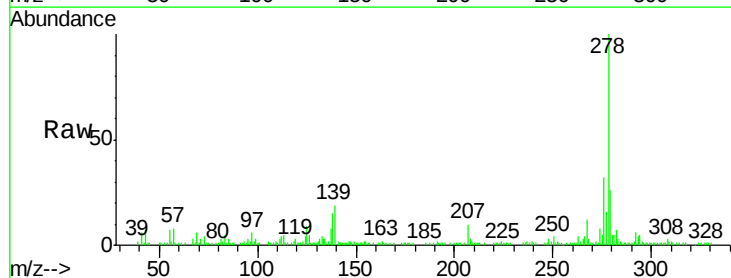
Tgt Ion:278 Resp: 81911

Ion Ratio Lower Upper

278 100

139 18.7 15.9 23.9

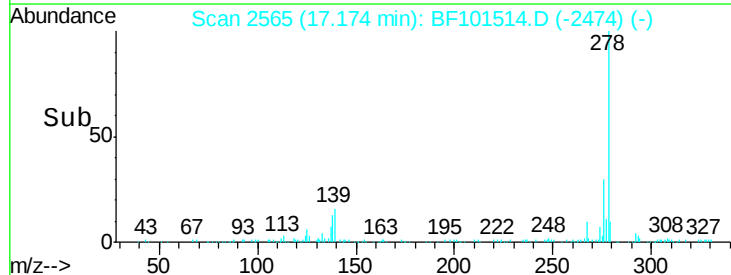
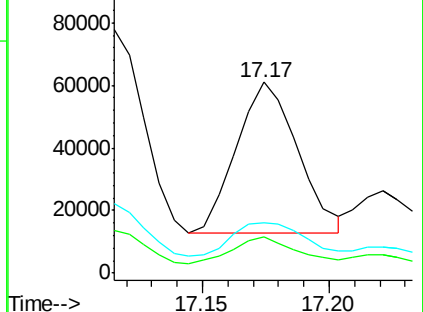
279 26.5 19.0 28.4

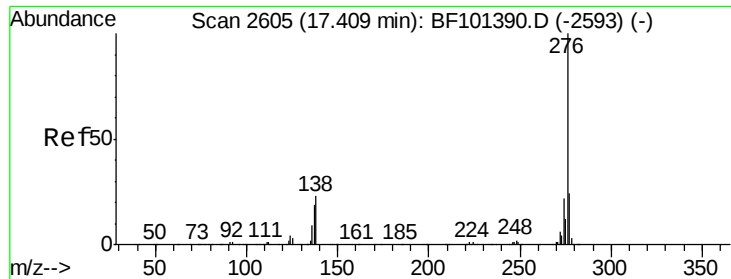


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.939 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.03 min

Lab File: BF101514.D

Acq: 19 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)DL

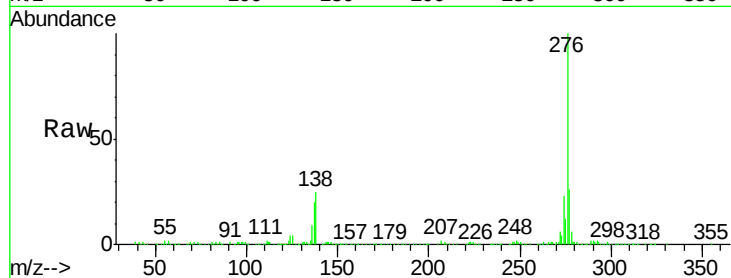
Tgt Ion: 276 Resp: 550212

Ion Ratio Lower Upper

276 100

277 26.4 17.9 26.9

138 24.8 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

