

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102916.D
 Acq On : 12 Feb 2018 13:18
 Operator : SJ/JU
 Sample : J1526-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 12 14:28:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	162728	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	681558	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	290942	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	410749	20.00	ng	0.00
75) Chrysene-d12	14.07	240	255046	20.00	ng	0.02
86) Perylene-d12	15.56	264	327558	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1095107	102.20	ng	0.01
7) Phenol-d6	6.51	99	1303913	101.06	ng	0.00
23) Nitrobenzene-d5	7.45	82	847698	86.28	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	216087	92.28	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1230578	70.18	ng	0.00
78) Terphenyl-d14	13.00	244	819417	76.07	ng	0.00

Target Compounds

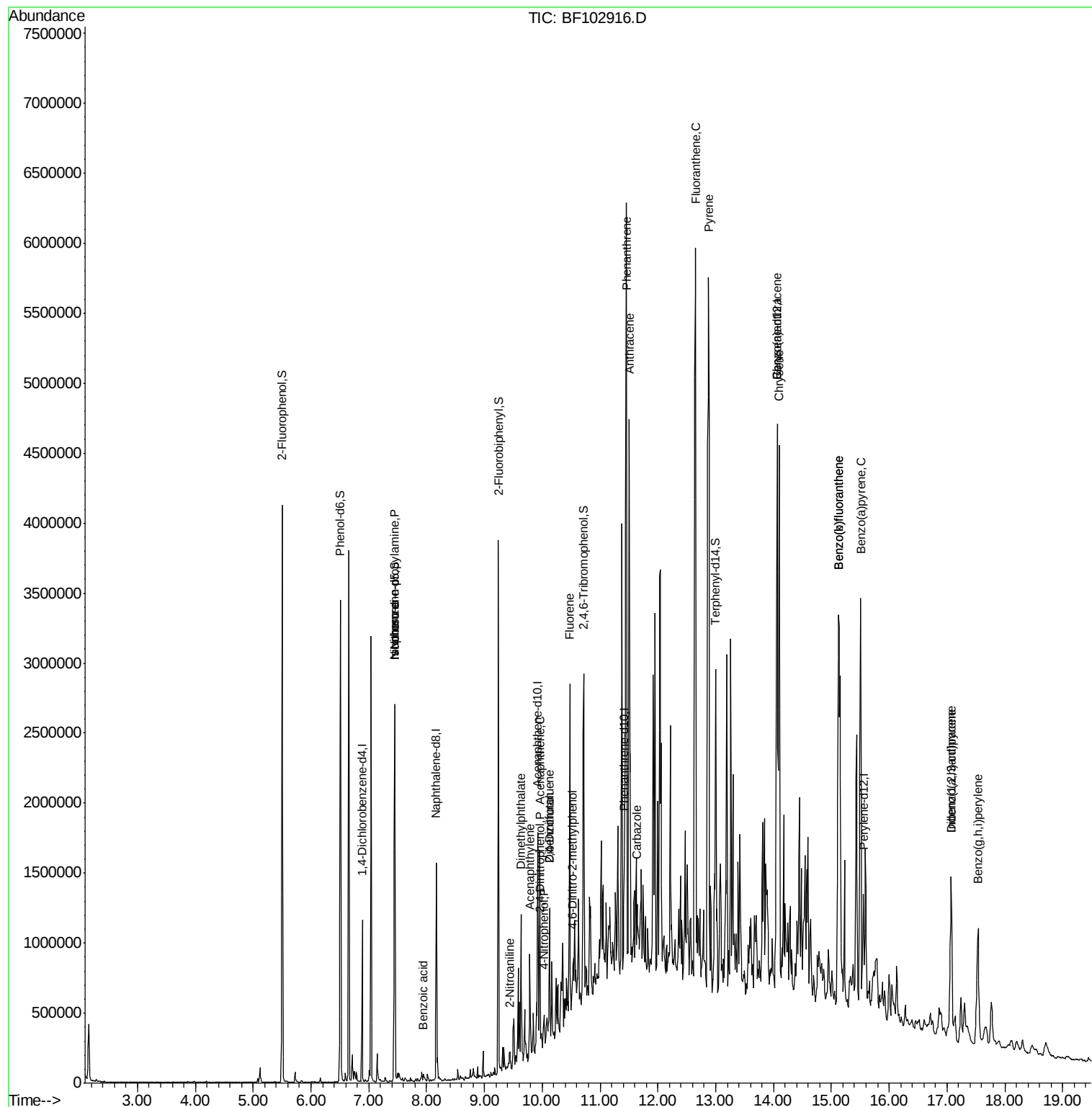
						Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	115138	13.535	ng	# 84
25) Isophorone	7.45	82	847684	37.469	ng	# 64
32) Benzoic acid	7.95	122	435	8.605	ng	# 1
47) 2-Nitroaniline	9.43	65	1364	3.685	ng	# 29
48) Acenaphthylene	9.79	152	287466	9.594	ng	99
49) Dimethylphthalate	9.63	163	313100	13.802	ng	99
51) Acenaphthene	9.96	154	233022	13.004	ng	97
53) 2,4-Dinitrophenol	9.97	184	121	8.077	ng	# 1
54) Dibenzofuran	10.13	168	250741	9.929	ng	95
55) 4-Nitrophenol	10.02	139	6251	5.384	ng	# 50
56) 2,4-Dinitrotoluene	10.12	165	3551	3.650	ng	# 1
57) Fluorene	10.47	166	637324	34.687	ng	99
64) 4,6-Dinitro-2-methylphenol	10.52	198	257	8.931	ng	# 1
70) Phenanthrene	11.46	178	3405585	148.871	ng	99
71) Anthracene	11.50	178	1785915	76.757	ng	99
72) Carbazole	11.65	167	126376	5.544	ng	# 93
74) Fluoranthene	12.65	202	3481564	151.267	ng	99
77) Pyrene	12.88	202	3311558	165.581	ng	98
80) Benzo(a)anthracene	14.06	228	2053555	128.027	ng	97
82) Chrysene	14.10	228	1760981	108.910	ng	97
85) Indeno(1,2,3-cd)pyrene	17.07	276	798394	59.536	ng	97
87) Benzo(b)fluoranthene	15.13	252	2962624	139.504	ng	# 95
88) Benzo(k)fluoranthene	15.13	252	2962624	146.003	ng	98
89) Benzo(a)pyrene	15.51	252	1715793	89.758	ng	97
90) Dibenzo(a,h)anthracene	17.08	278	233833	15.071	ng	93
91) Benzo(g,h,i)perylene	17.53	276	725710	47.786	ng	97

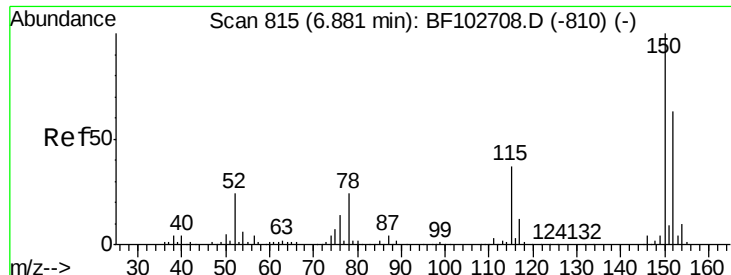
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102916.D
Acq On : 12 Feb 2018 13:18
Operator : SJ/JU
Sample : J1526-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 12 14:28:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration



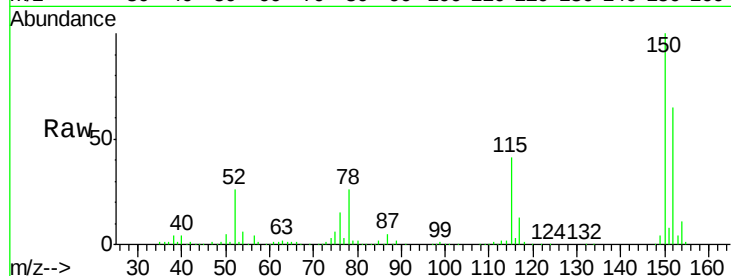


#1

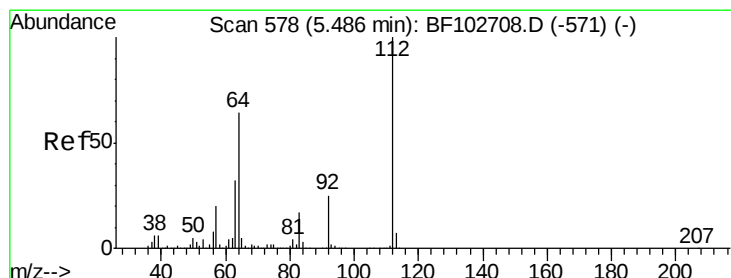
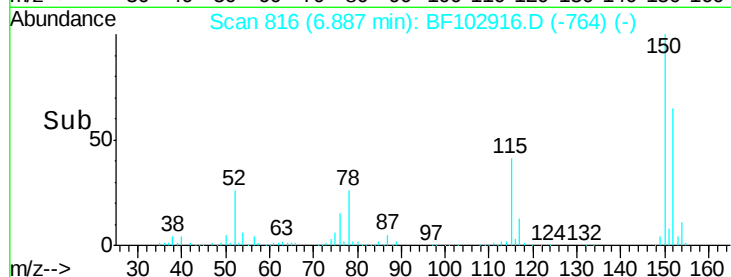
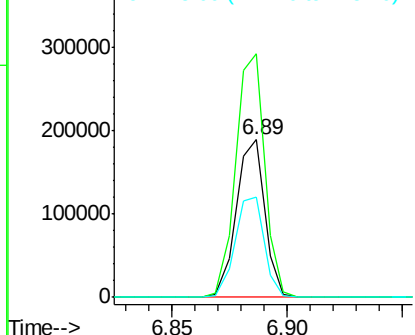
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102916.D
Acq: 12 Feb 2018 13:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 162728
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 63.4 50.1 75.1



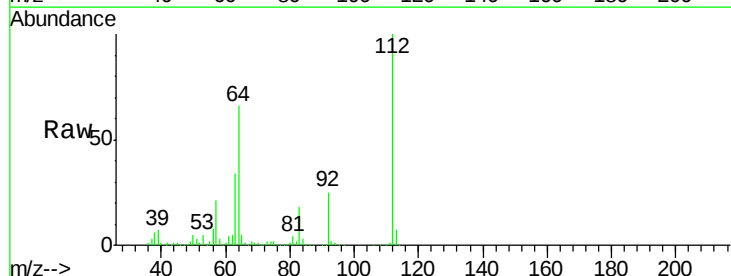
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



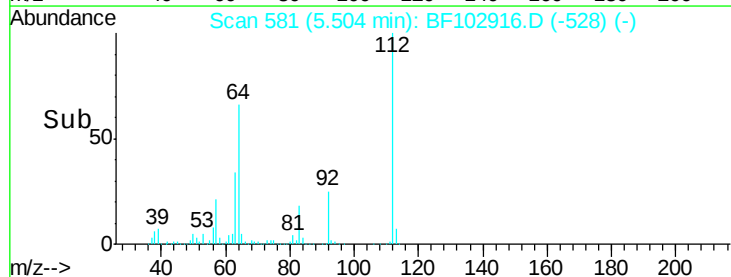
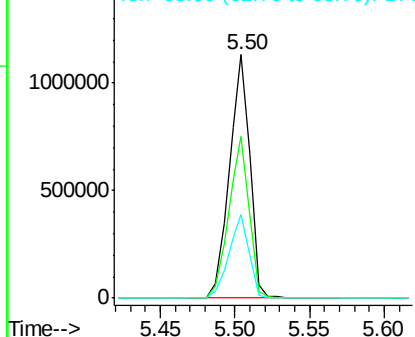
#5

2-Fluorophenol
Concen: 102.201 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102916.D
Acq: 12 Feb 2018 13:18

Tgt Ion:112 Resp: 1095107
Ion Ratio Lower Upper
112 100
64 66.3 47.9 71.9
63 34.5 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: 101.064 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

Instrument :

BNA_N

ClientSampleId :

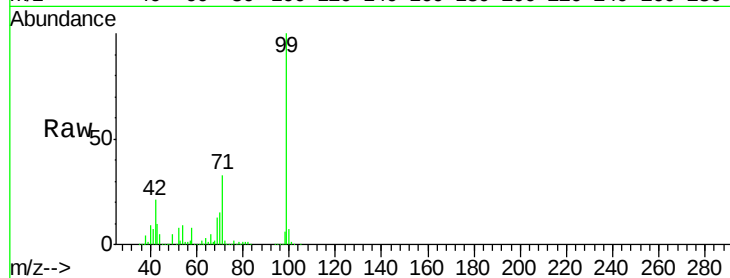
Tot Ion: 99 Resp: 1303913

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

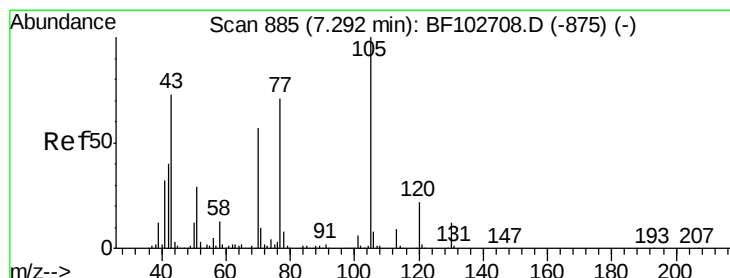
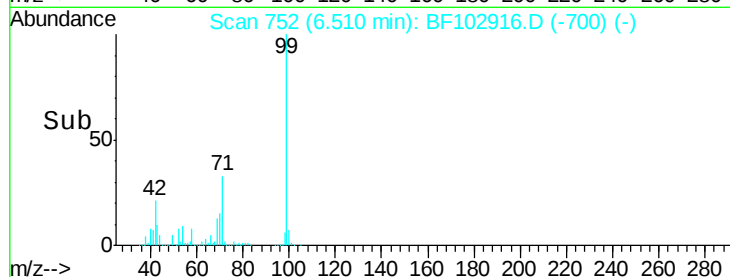
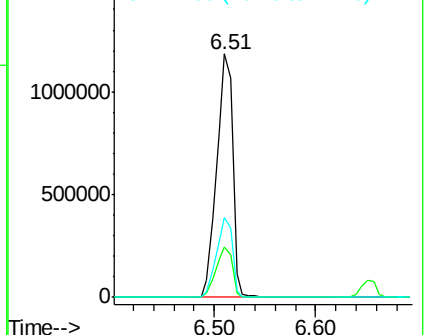
71 32.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.535 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

Tgt Ion: 70 Resp: 115138

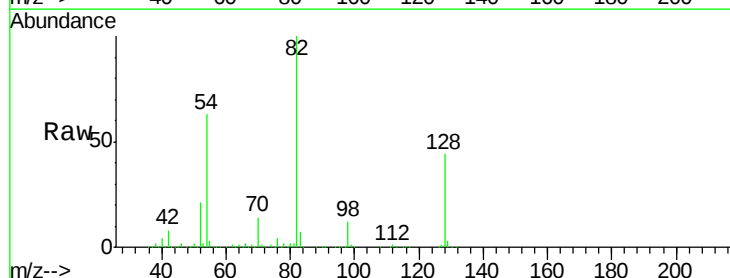
Ion Ratio Lower Upper

70 100

42 54.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

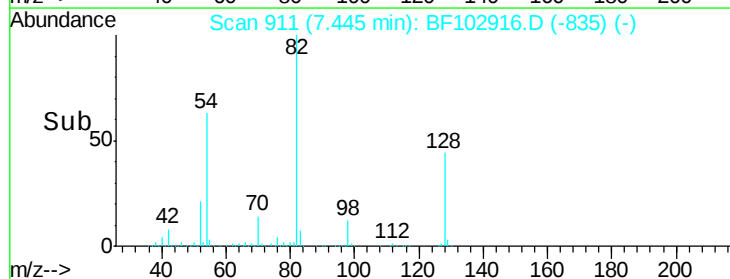
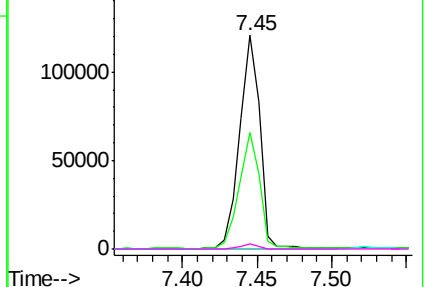


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

Instrument :

BNA_N

ClientSampled :

Tot Ion:136 Resp: 681558

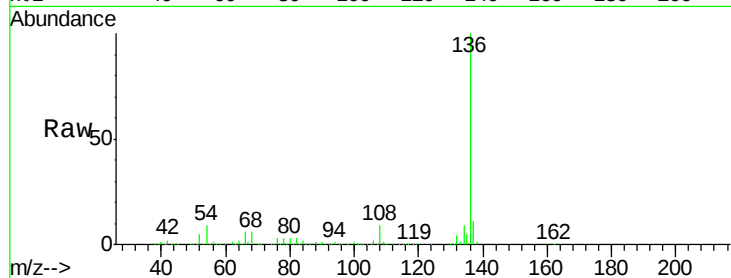
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.3 6.6 9.8

68 6.3 5.0 7.4

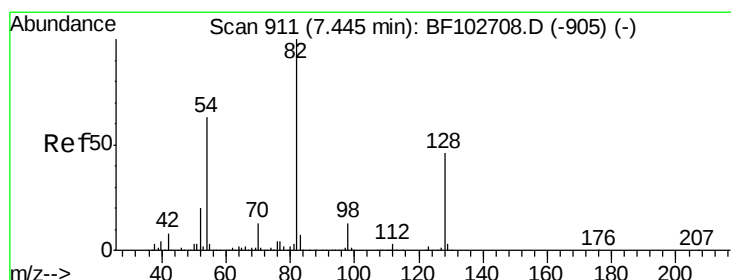
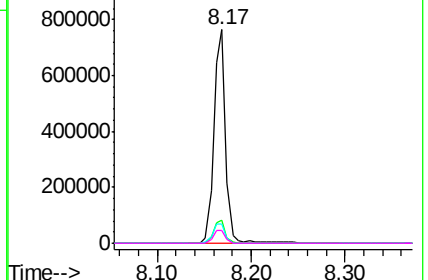
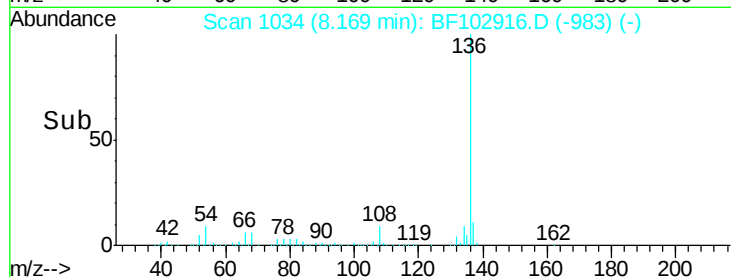


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.281 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

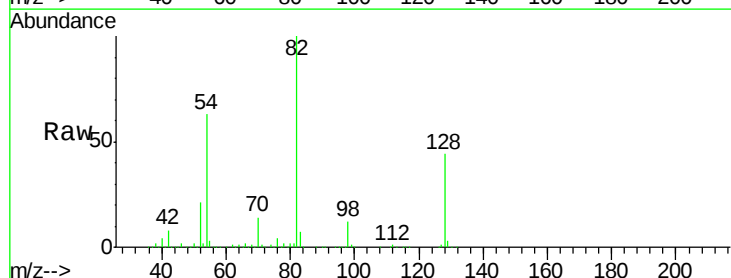
Tgt Ion: 82 Resp: 847698

Ion Ratio Lower Upper

82 100

128 43.5 36.1 54.1

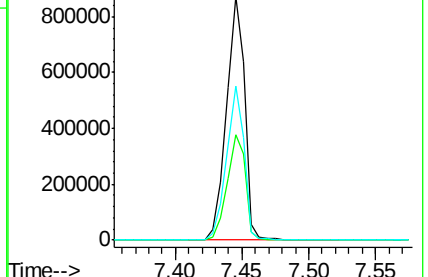
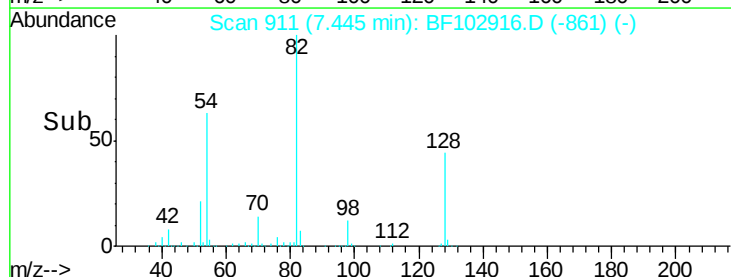
54 63.4 41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.469 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

Instrument :

BNA_N

ClientSampled :

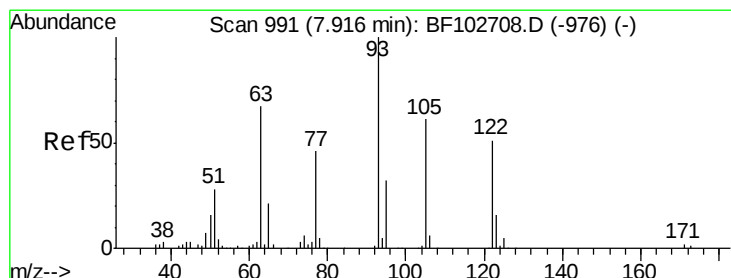
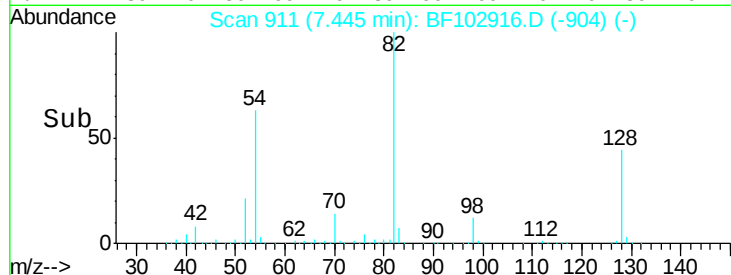
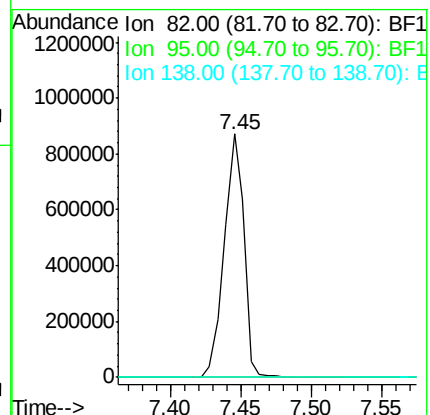
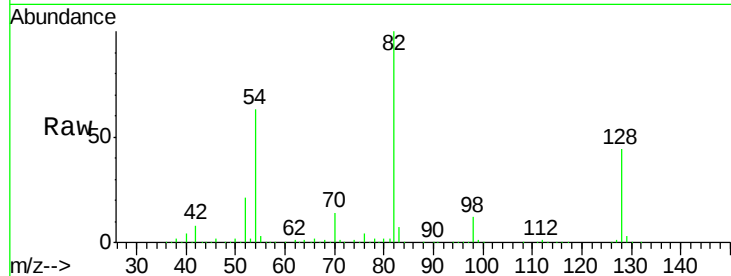
Tot Ion: 82 Resp: 847684

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#32

Benzoic acid

Concen: 8.605 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

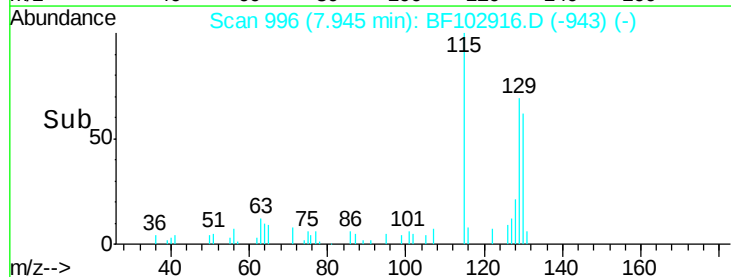
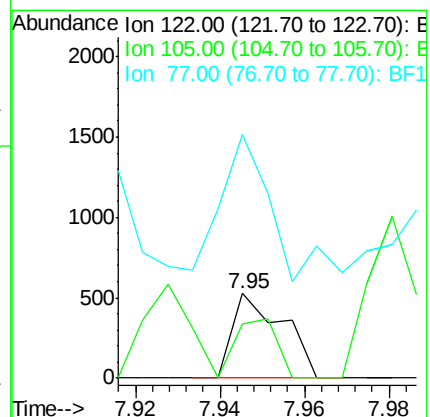
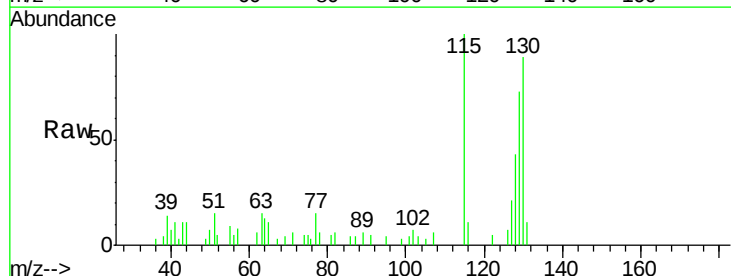
Tgt Ion: 122 Resp: 435

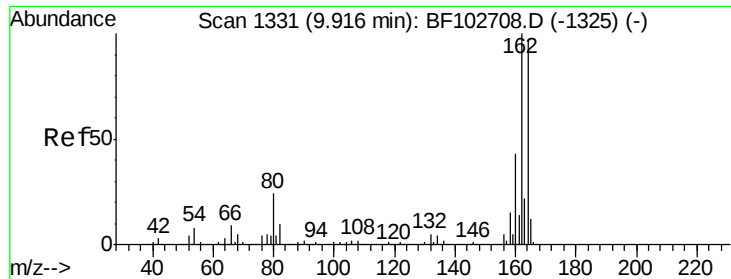
Ion Ratio Lower Upper

122 100

105 64.6 101.1 141.1#

77 286.9 70.7 110.7#

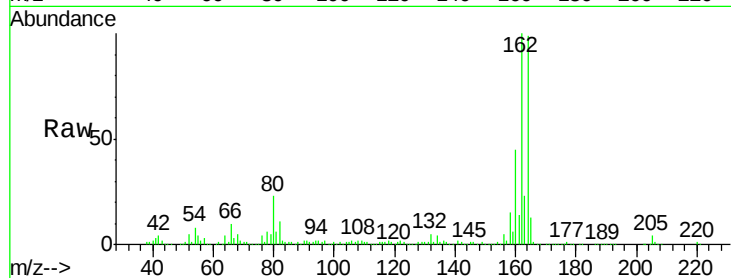




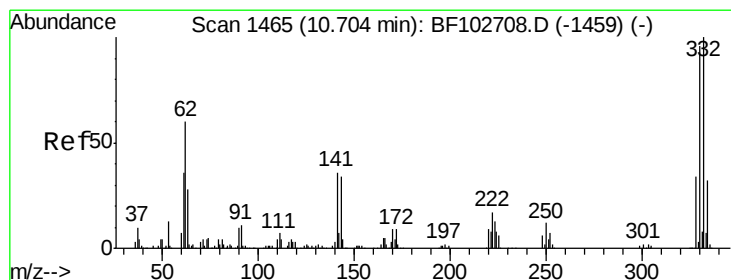
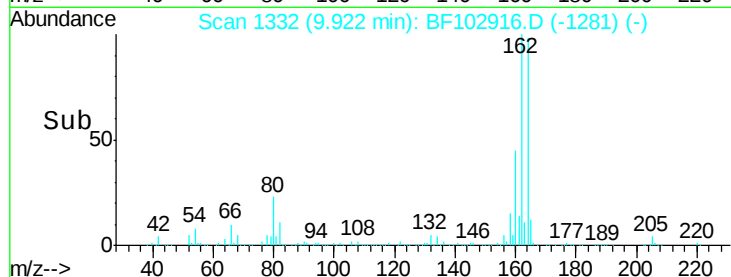
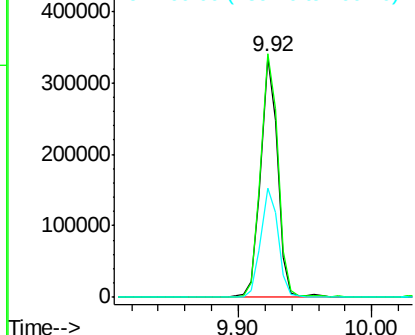
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102916.D
Acq: 12 Feb 2018 13:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 290942
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 45.7 38.3 57.5

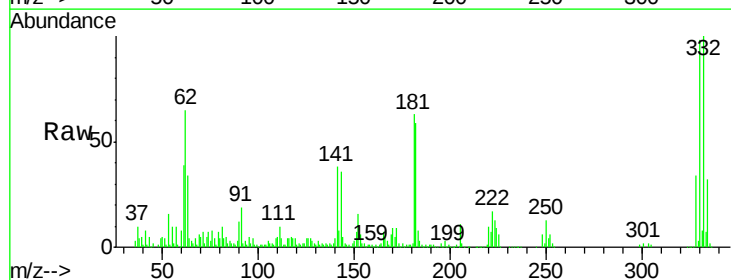


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

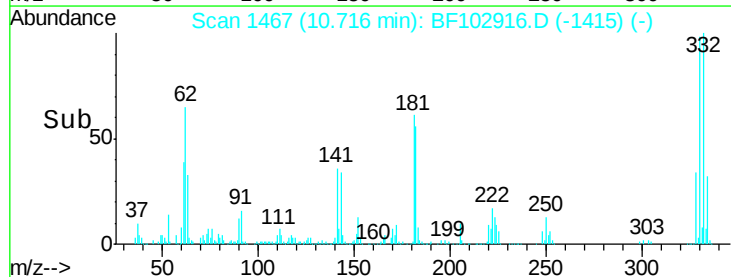
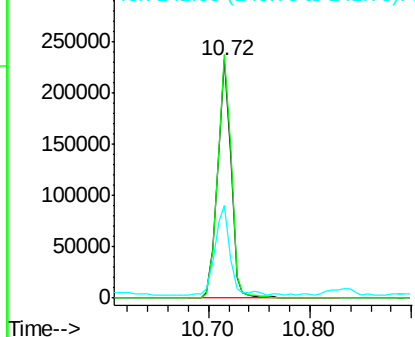


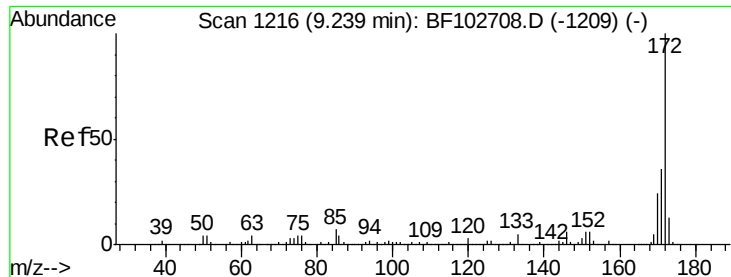
#41
2,4,6-Tribromophenol
Concen: 92.276 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102916.D
Acq: 12 Feb 2018 13:18

Tgt Ion:330 Resp: 216087
Ion Ratio Lower Upper
330 100
332 102.6 77.0 115.6
141 42.8 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

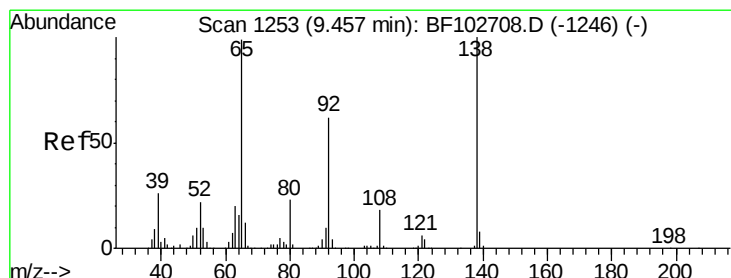
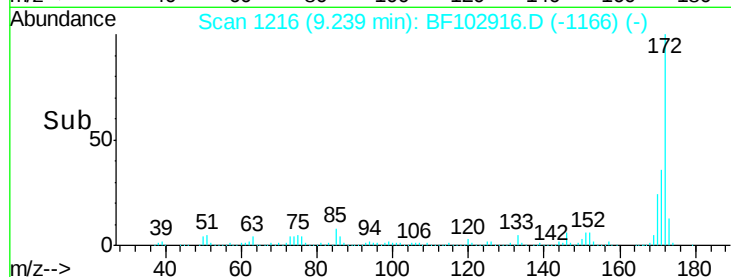
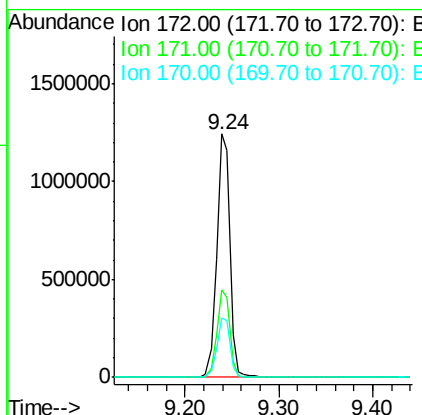
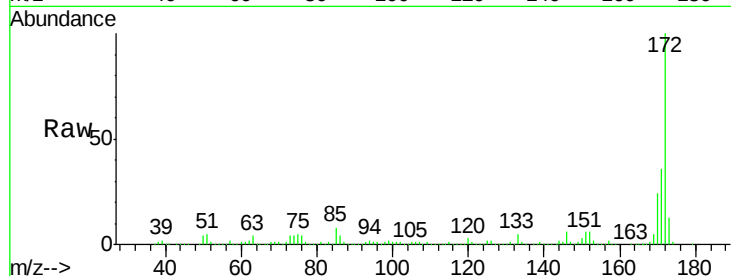




#44
 2-Fluorobiphenyl
 Concen: 70.185 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102916.D
 Acq: 12 Feb 2018 13:18

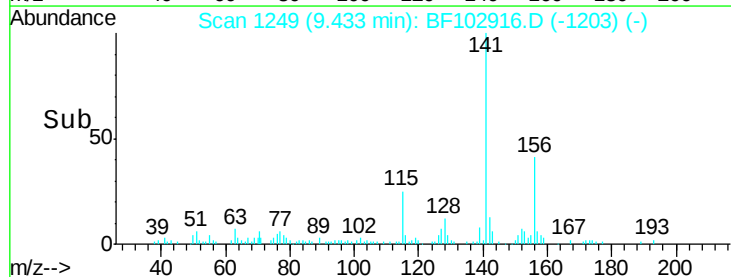
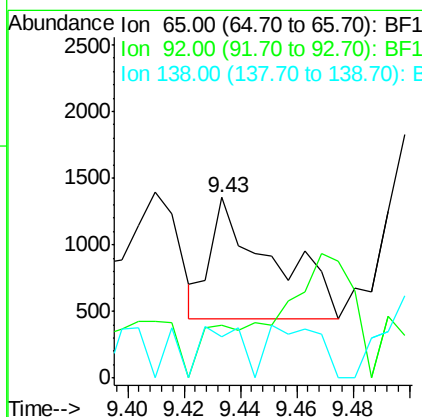
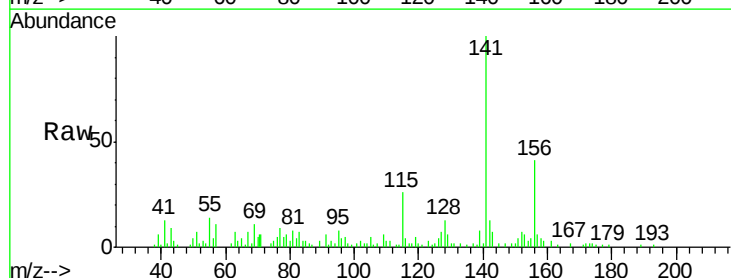
Instrument :
 BNA_N
 ClientSampleId :

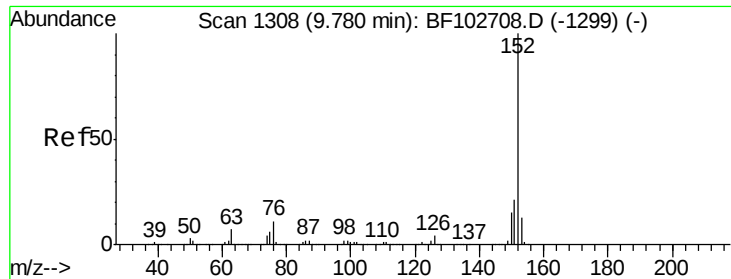
Tot Ion:172 Resp: 1230578
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.2 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.685 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.03 min
 Lab File: BF102916.D
 Acq: 12 Feb 2018 13:18

Tgt Ion: 65 Resp: 1364
 Ion Ratio Lower Upper
 65 100
 92 29.0 55.8 83.6#
 138 22.7 91.2 136.8#





#48

Acenaphthylene

Concen: 9.594 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

Instrument :

BNA_N

ClientSampleId :

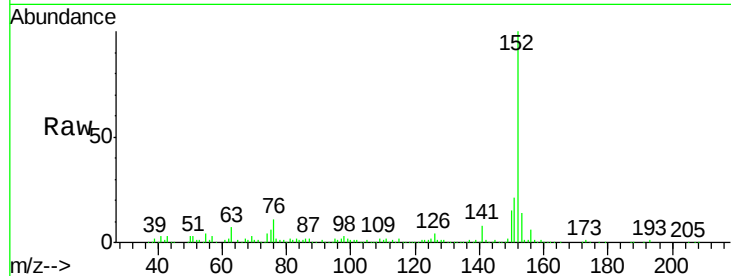
Tot Ion:152 Resp: 287466

Ion Ratio Lower Upper

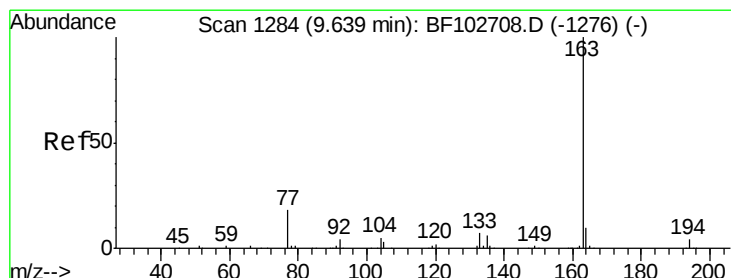
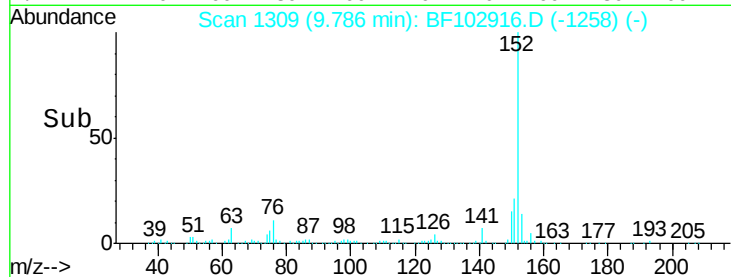
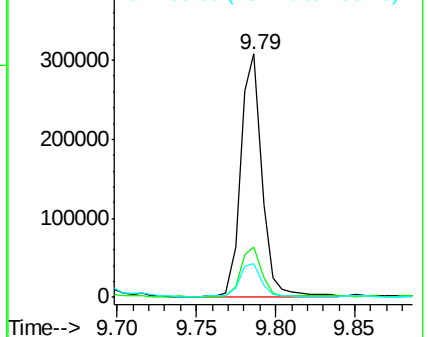
152 100

151 20.8 16.3 24.5

153 14.1 10.7 16.1



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



#49

Dimethylphthalate

Concen: 13.802 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

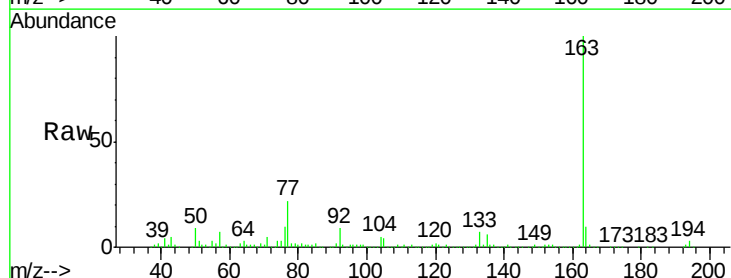
Tgt Ion:163 Resp: 313100

Ion Ratio Lower Upper

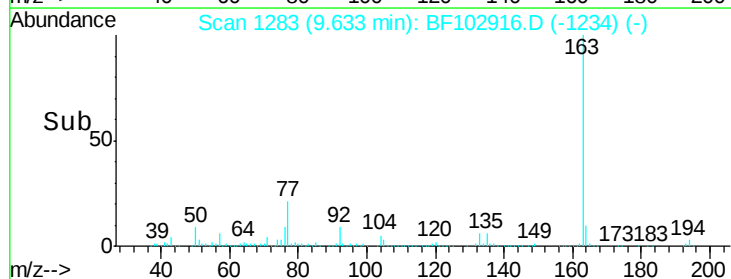
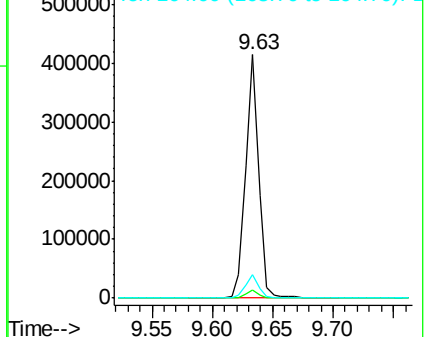
163 100

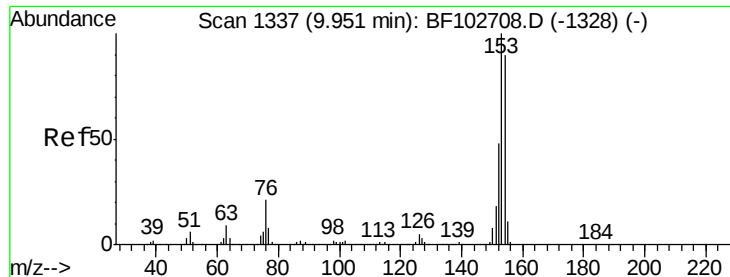
194 3.4 2.7 4.1

164 9.9 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





#51

Acenaphthene

Concen: 13.004 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

Instrument :

BNA_N

ClientSampled :

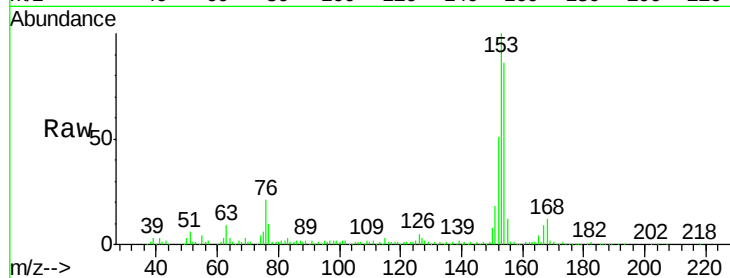
Tot Ion:154 Resp: 233022

Ion Ratio Lower Upper

154 100

153 115.9 91.2 136.8

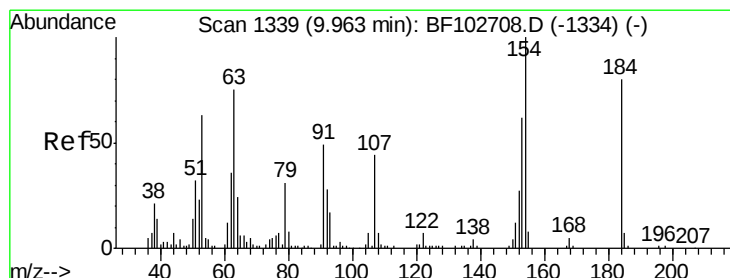
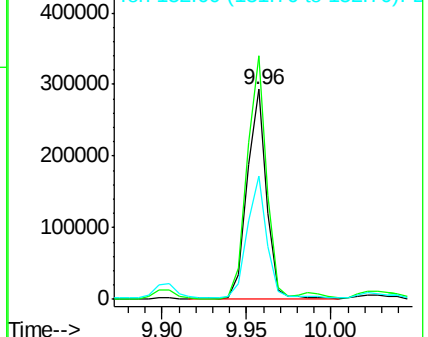
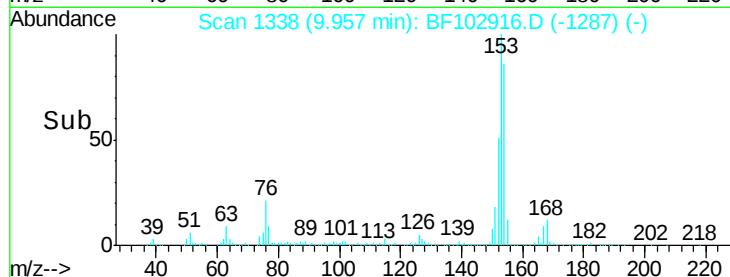
152 58.9 43.8 65.8



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



#53

2,4-Dinitrophenol

Concen: 8.077 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

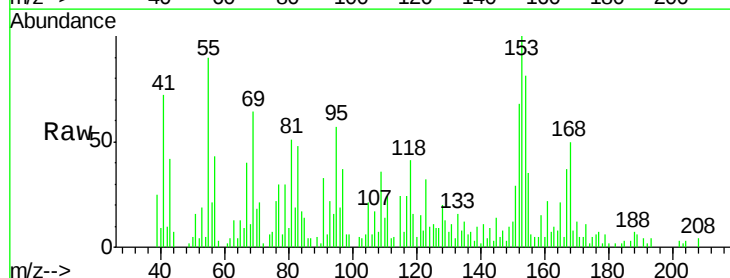
Tgt Ion:184 Resp: 121

Ion Ratio Lower Upper

184 100

63 633.3 54.2 81.2#

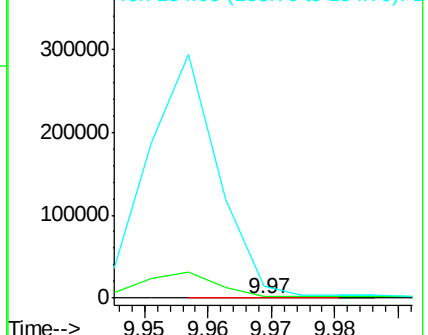
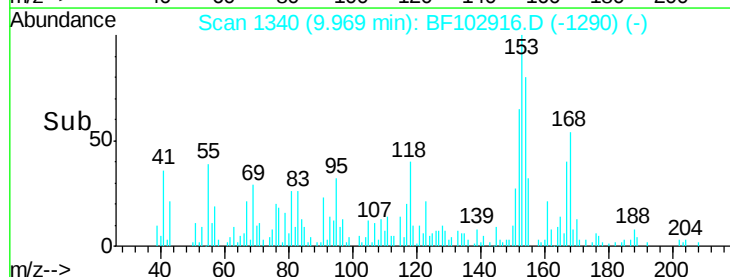
154 4048.8 184.0 276.0#

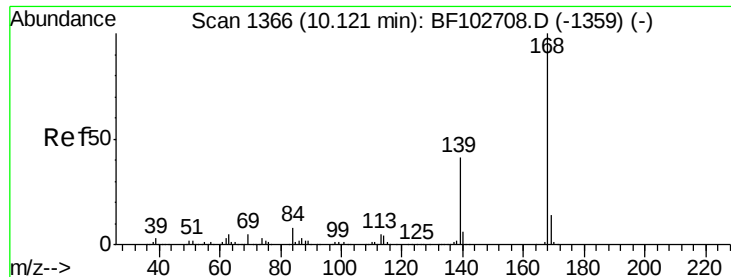


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 9.929 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

Instrument :

BNA_N

ClientSampleId :

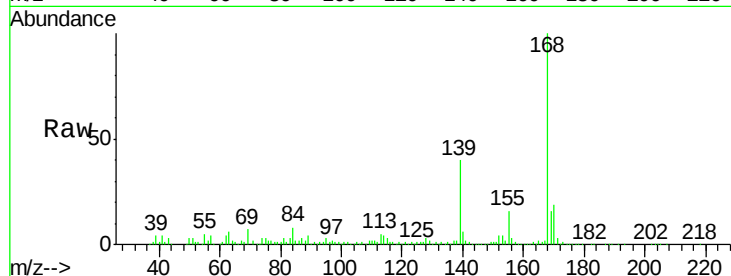
Tot Ion:168 Resp: 250741

Ion Ratio Lower Upper

168 100

139 40.3 30.1 45.1

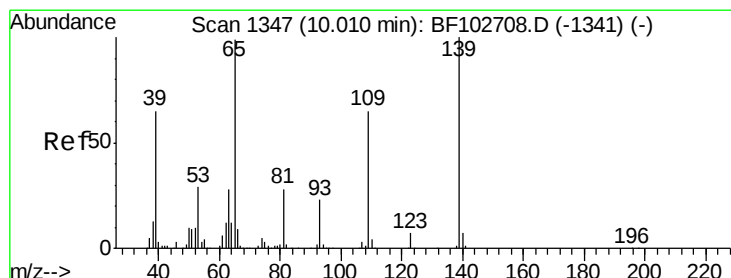
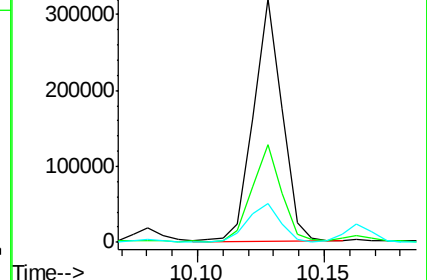
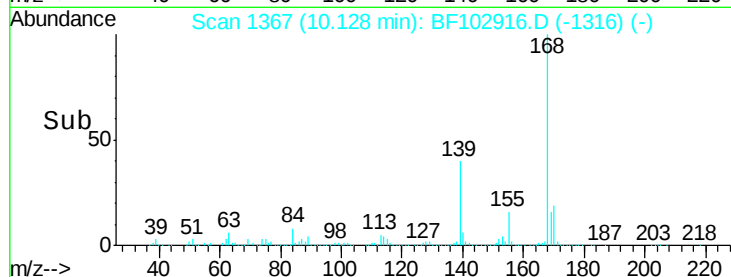
169 15.9 10.9 16.3



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: 5.384 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

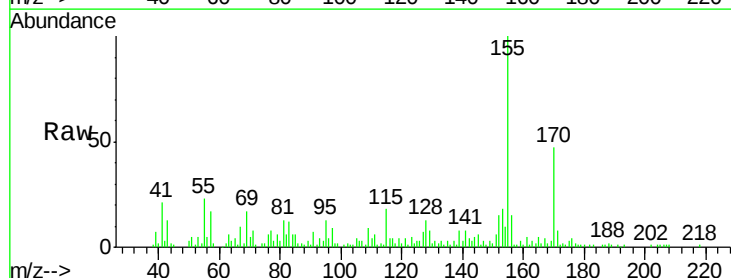
Tgt Ion:139 Resp: 6251

Ion Ratio Lower Upper

139 100

109 112.6 48.4 88.4#

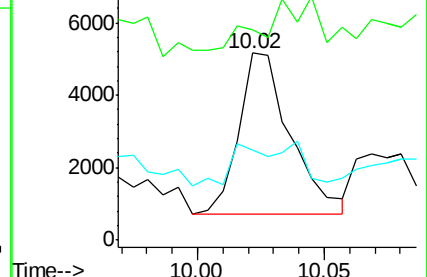
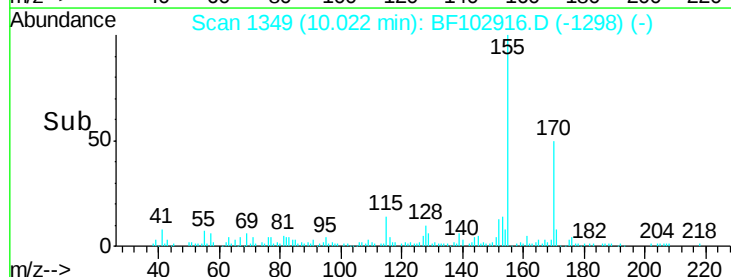
65 48.2 72.6 112.6#

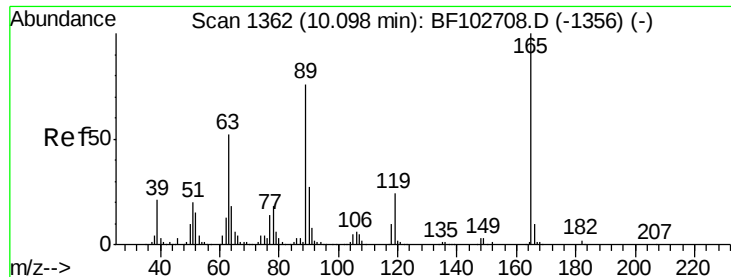


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

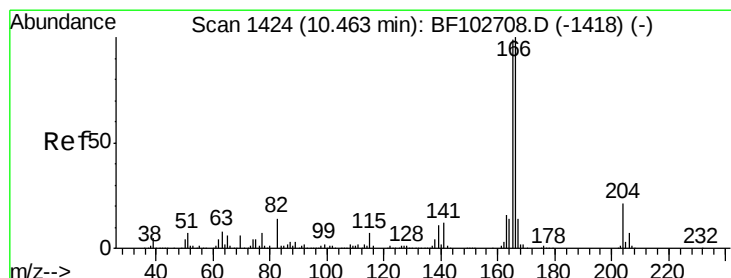
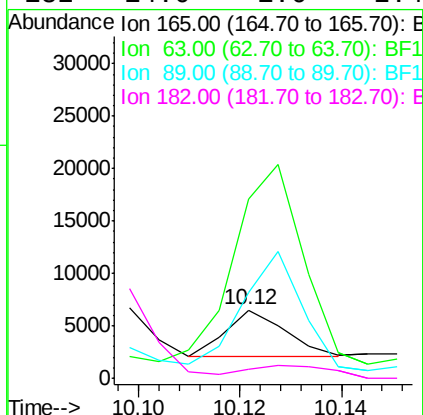
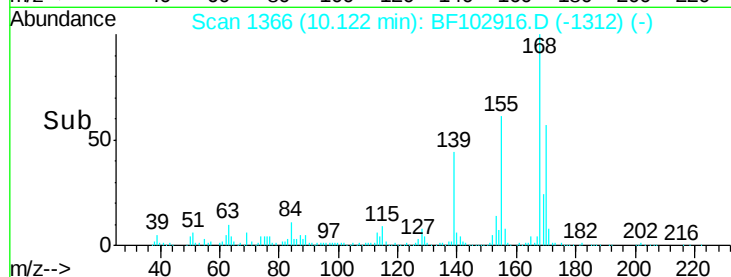
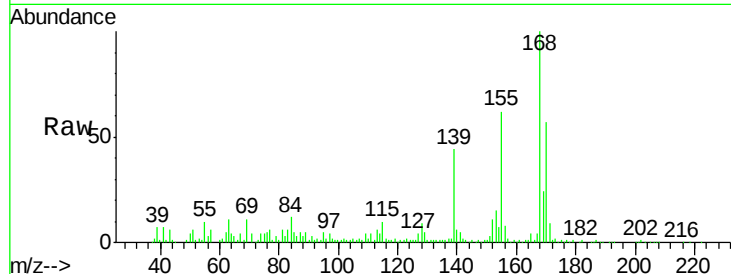




#56
2,4-Dinitrotoluene
Concen: 3.650 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.02 min
Lab File: BF102916.D
Acq: 12 Feb 2018 13:18

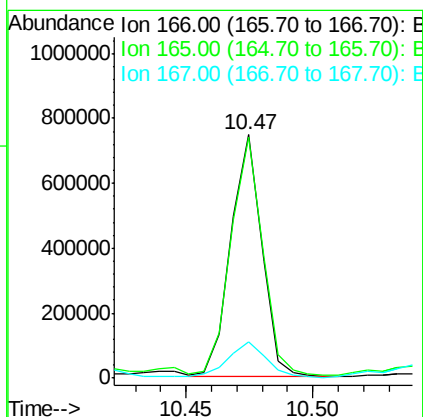
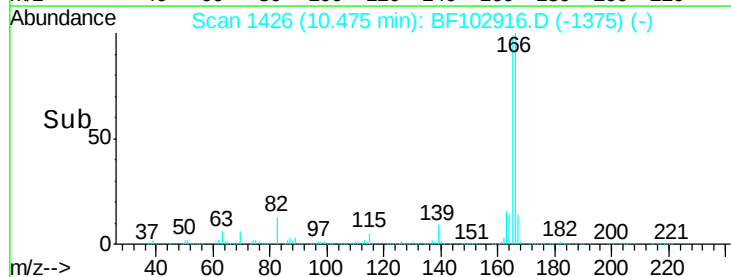
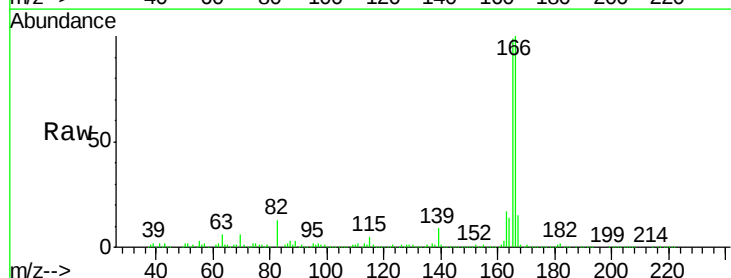
Instrument :
BNA_N
ClientSampleId :

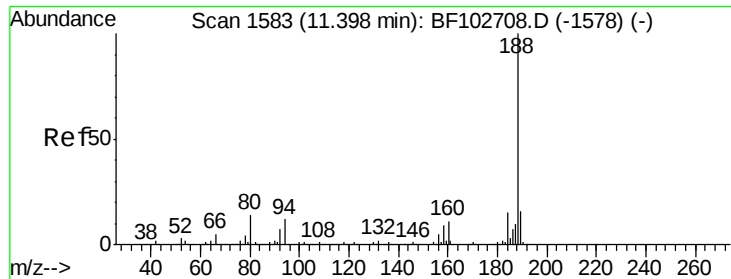
Tot Ion:165 Resp: 3551
Ion Ratio Lower Upper
165 100
63 264.2 36.4 54.6#
89 126.7 57.8 86.6#
182 14.0 1.6 2.4#



#57
Fluorene
Concen: 34.687 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF102916.D
Acq: 12 Feb 2018 13:18

Tgt Ion:166 Resp: 637324
Ion Ratio Lower Upper
166 100
165 99.2 79.8 119.8
167 14.9 10.6 16.0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

Instrument :

BNA_N

ClientSampleId :

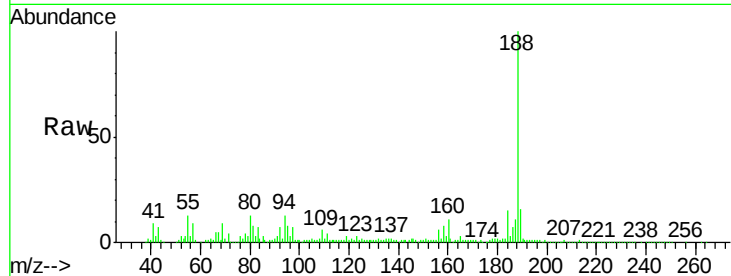
Tot Ion:188 Resp: 410749

Ion Ratio Lower Upper

188 100

94 13.2 8.5 12.7#

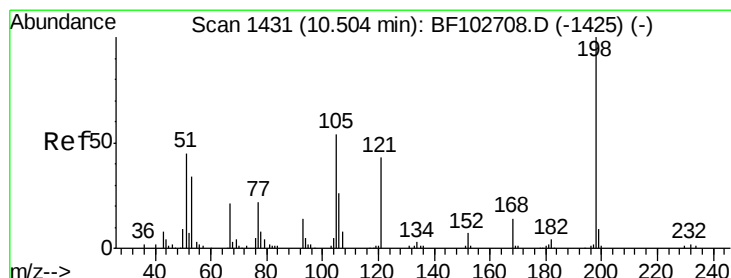
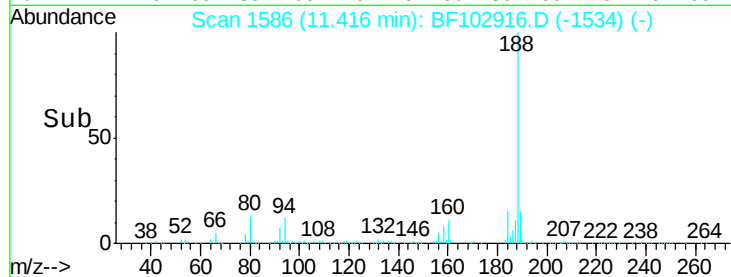
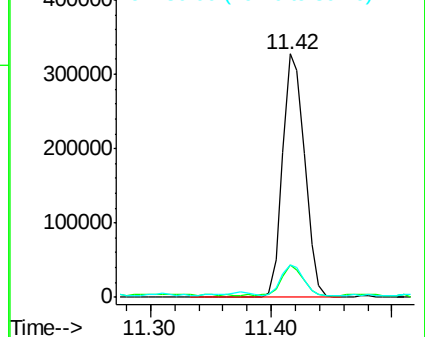
80 13.4 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.931 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

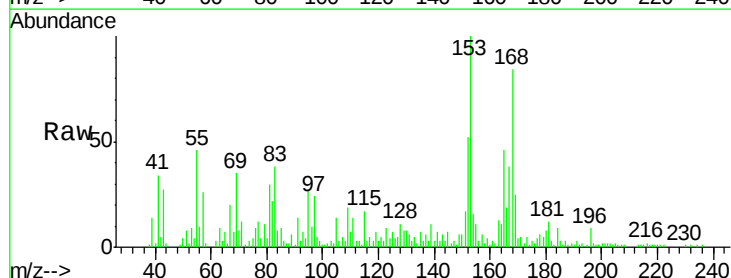
Tgt Ion:198 Resp: 257

Ion Ratio Lower Upper

198 100

51 1175.1 37.7 77.7#

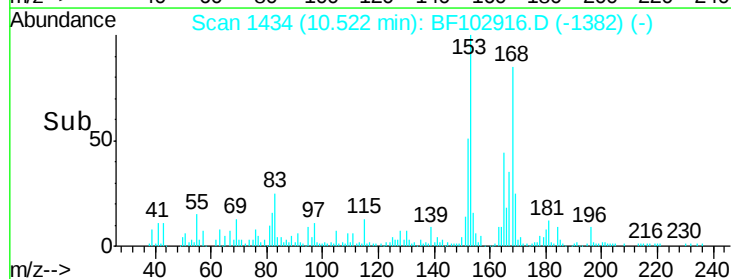
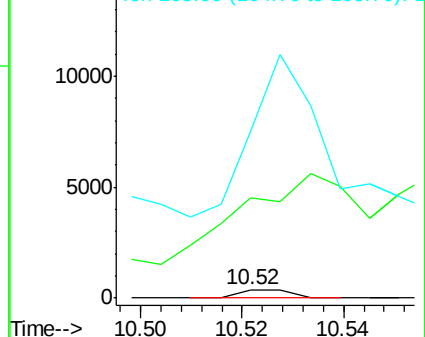
105 1960.5 36.3 76.3#

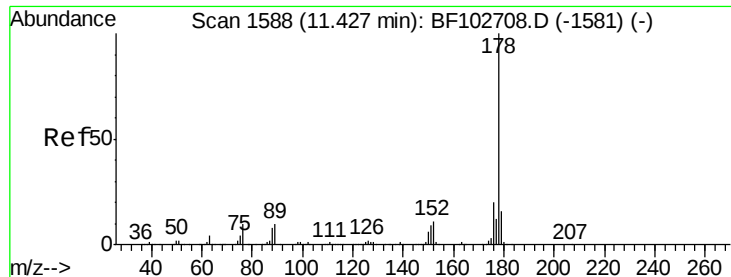


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#70

Phenanthrene

Concen: 148.871 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

Instrument :

BNA_N

ClientSampleId :

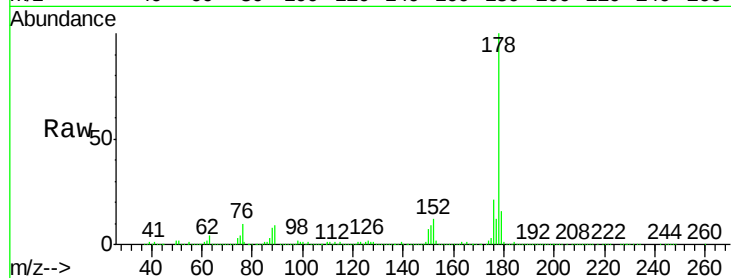
Tot Ion:178 Resp: 3405585

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

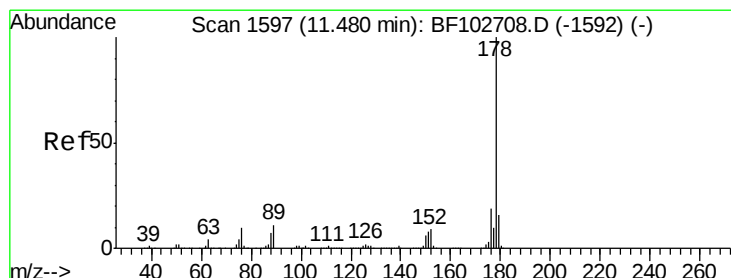
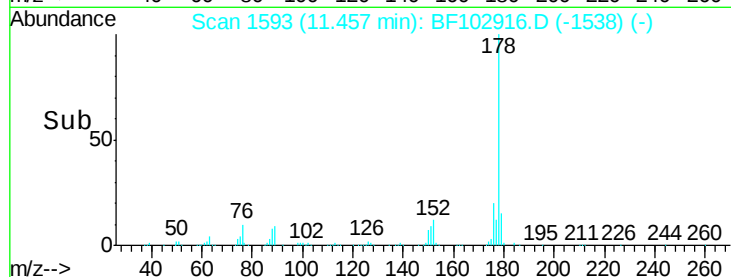
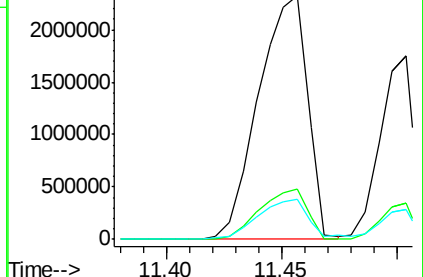
179 16.2 13.0 19.6



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: 76.757 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.02 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

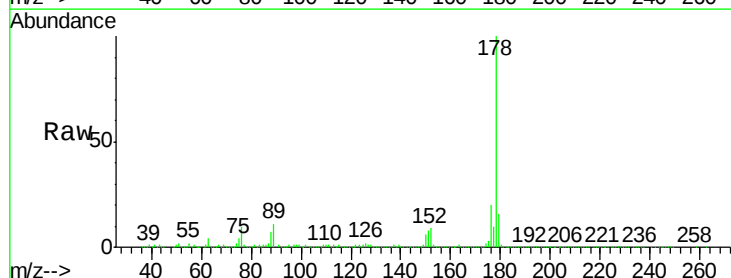
Tgt Ion:178 Resp: 1785915

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

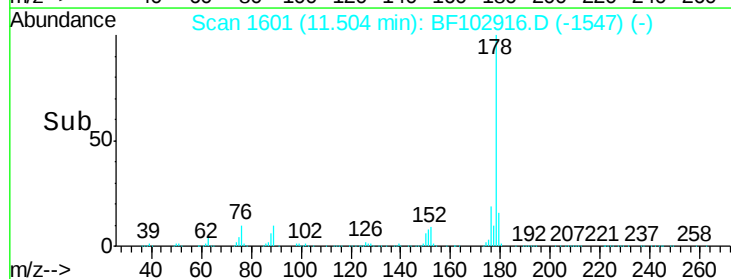
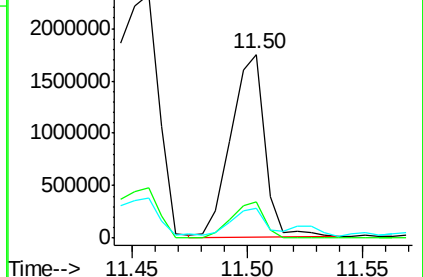
179 16.0 12.6 19.0

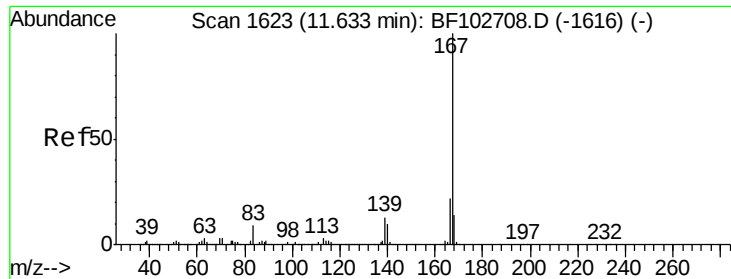


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.544 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

Instrument :

BNA_N

ClientSampleId :

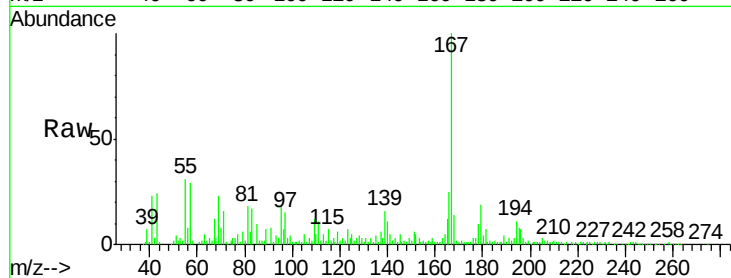
Tot Ion:167 Resp: 126376

Ion Ratio Lower Upper

167 100

166 25.0 17.6 26.4

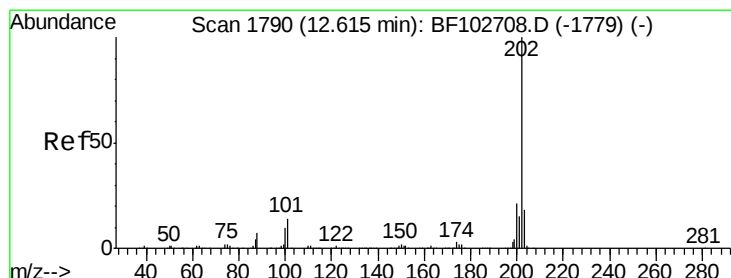
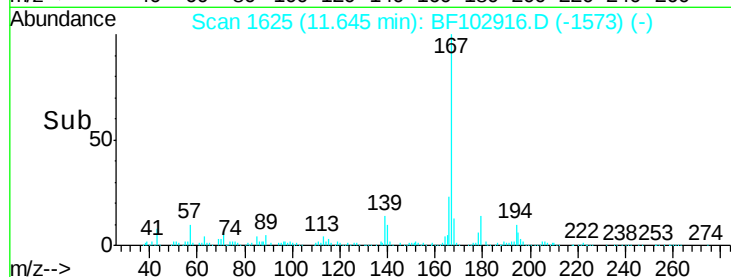
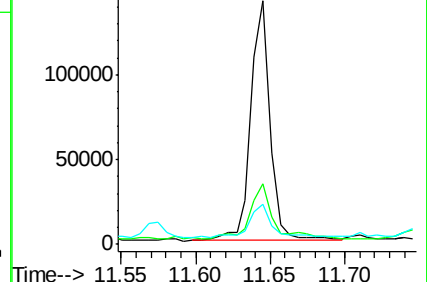
139 16.4 10.9 16.3#



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: 151.267 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.03 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

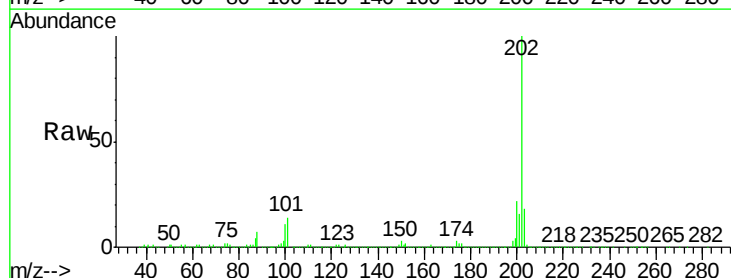
Tgt Ion:202 Resp: 3481564

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

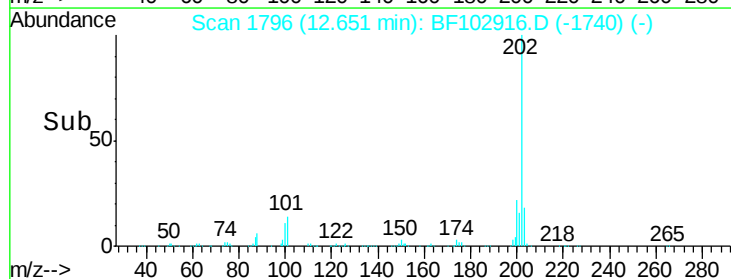
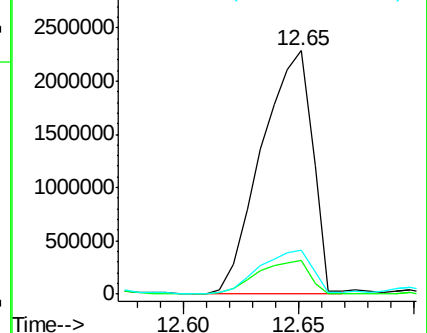
203 18.0 0.0 38.1

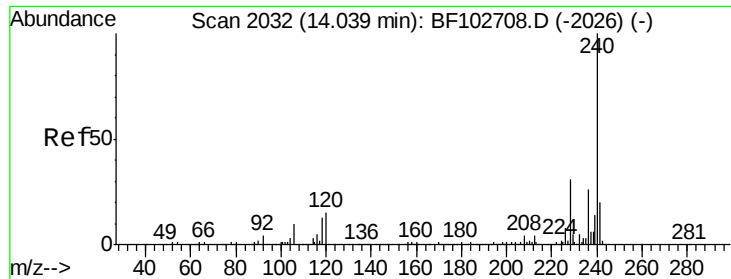


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

Instrument :

BNA_N

ClientSampleId :

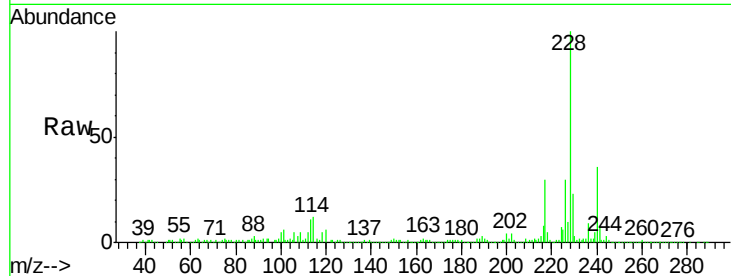
Tot Ion:240 Resp: 255046

Ion Ratio Lower Upper

240 100

120 16.8 9.5 14.3#

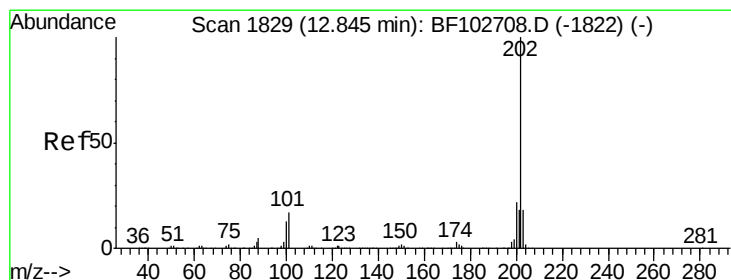
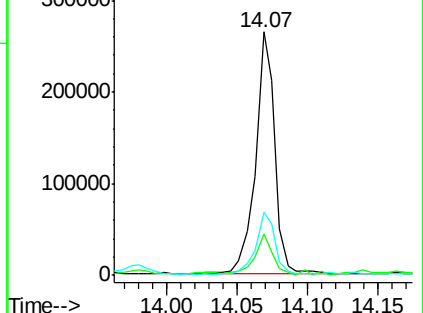
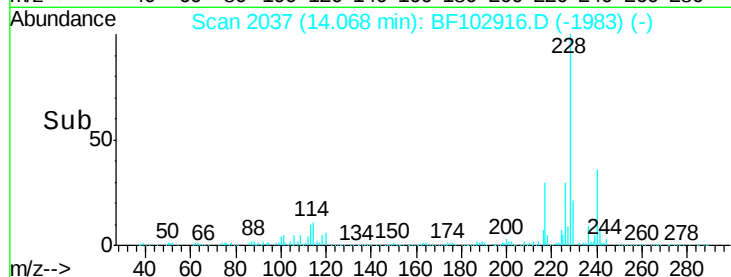
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 165.581 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.03 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

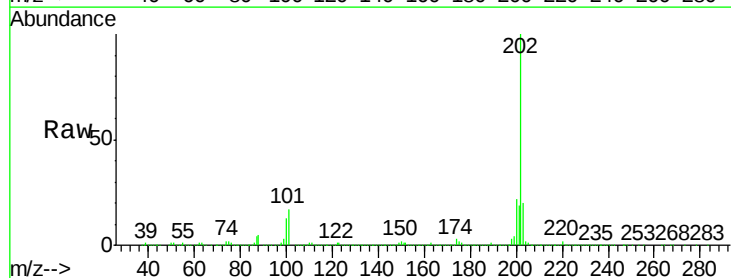
Tgt Ion:202 Resp: 3311558

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

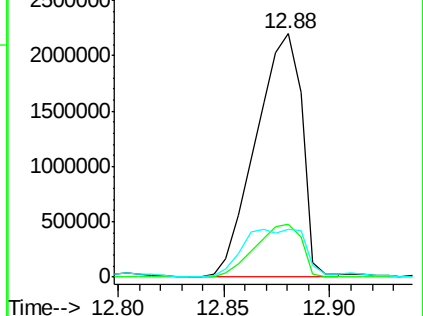
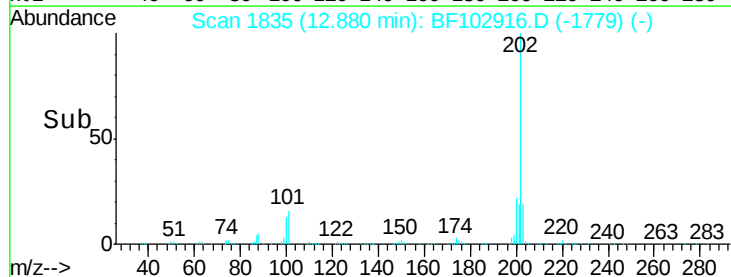
203 19.7 14.3 21.5

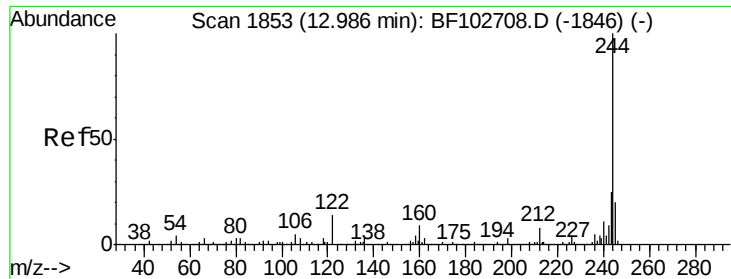


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 76.072 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

Instrument :

BNA_N

ClientSampleId :

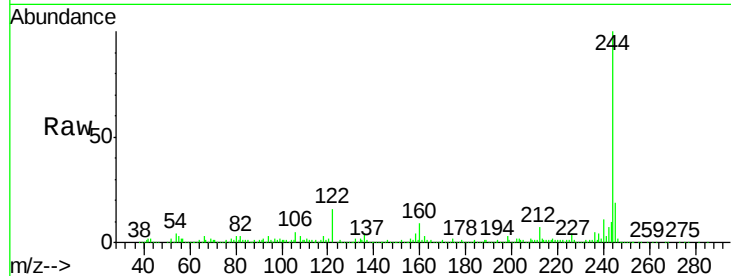
Tot Ion:244 Resp: 819417

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

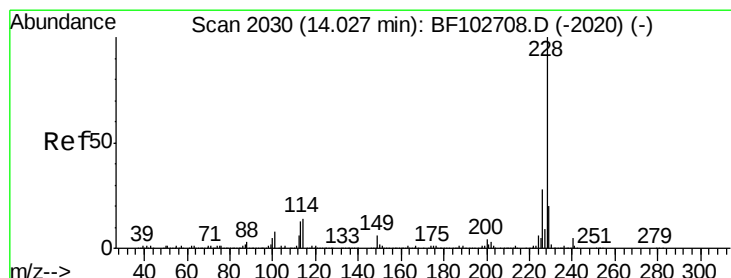
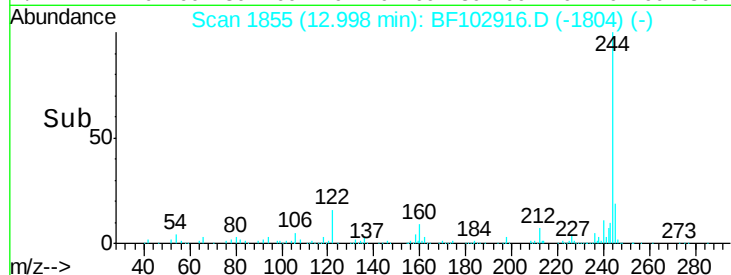
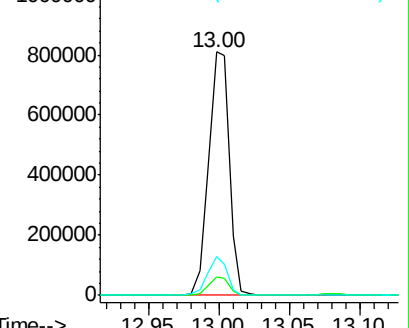
122 15.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 128.027 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

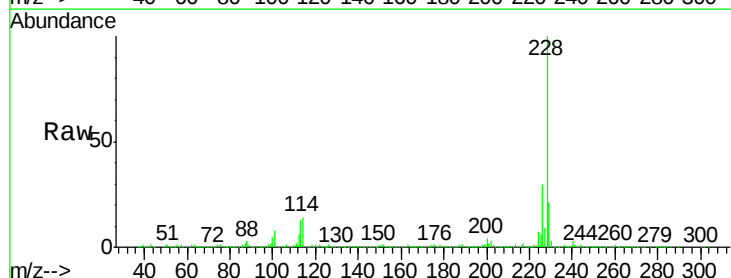
Tgt Ion:228 Resp: 2053555

Ion Ratio Lower Upper

228 100

226 29.7 22.6 33.8

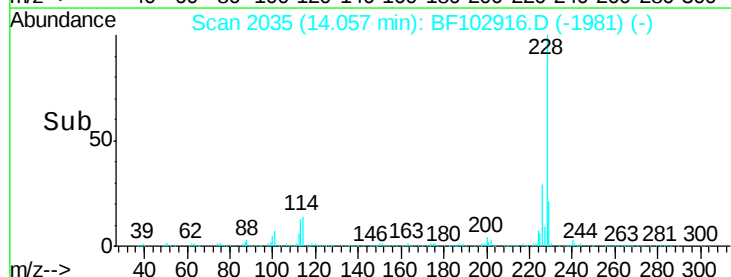
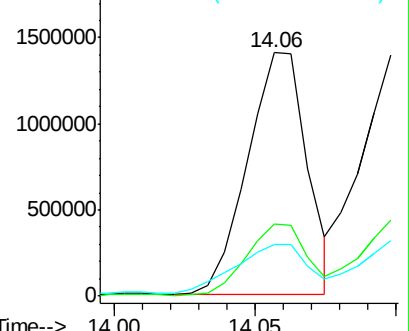
229 21.4 15.8 23.6

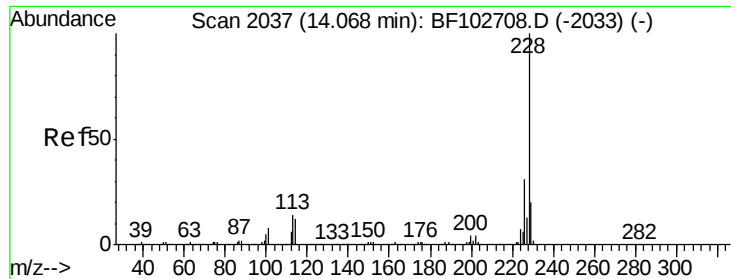


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 108.910 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.02 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

Instrument :

BNA_N

ClientSampleId :

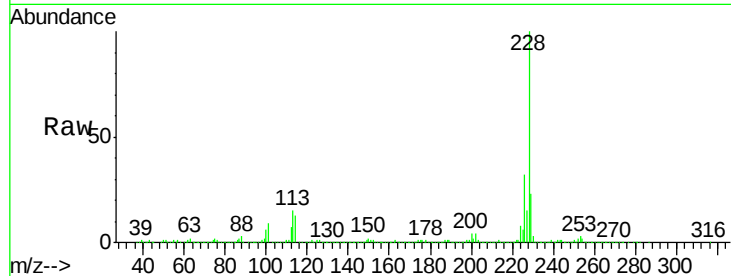
Tot Ion:228 Resp: 1760981

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

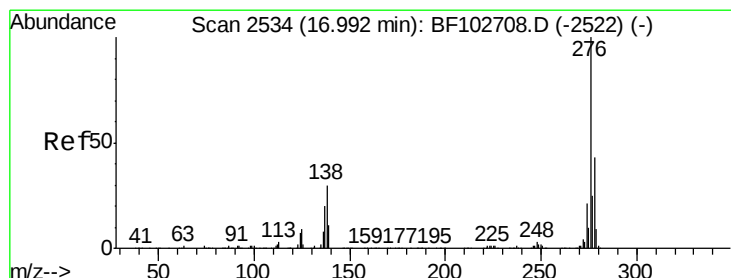
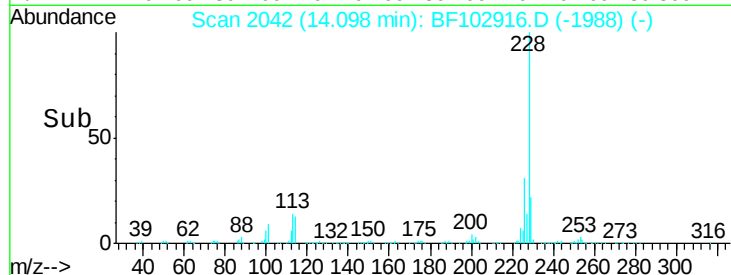
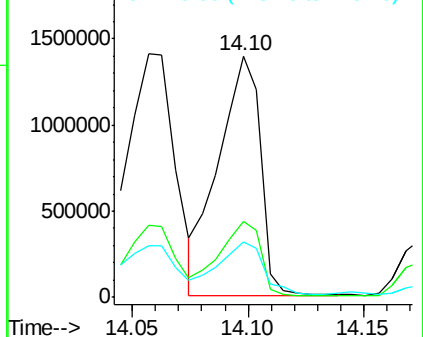
229 22.9 16.2 24.4



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: 59.536 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.06 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

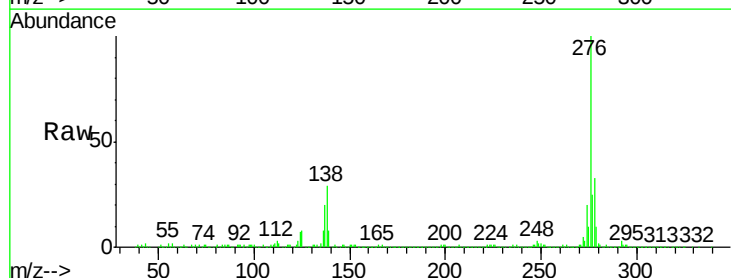
Tgt Ion:276 Resp: 798394

Ion Ratio Lower Upper

276 100

138 28.0 25.0 37.6

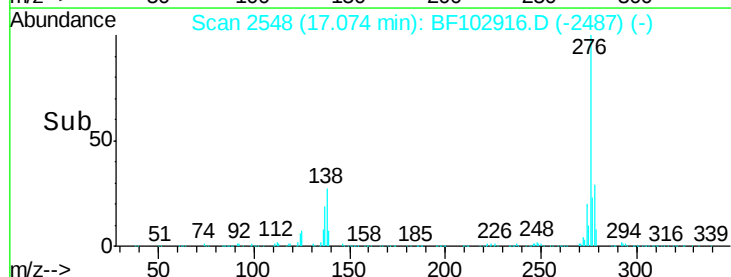
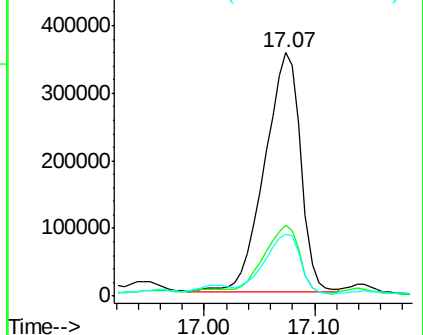
277 25.3 20.1 30.1

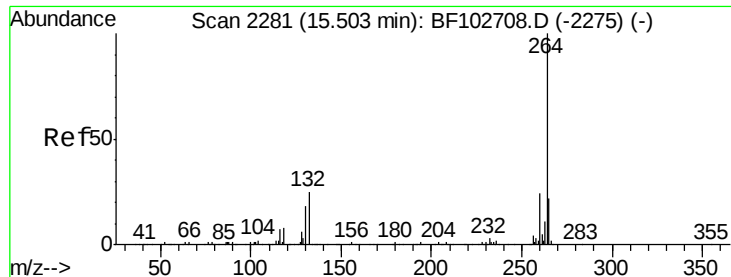


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



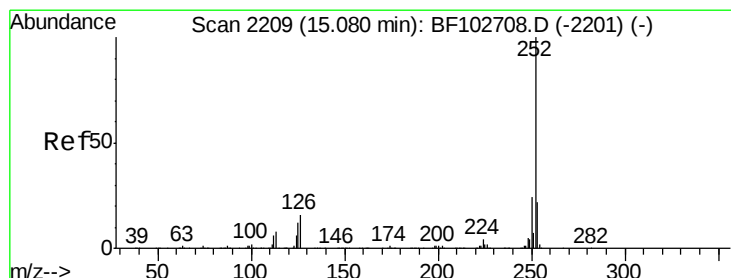
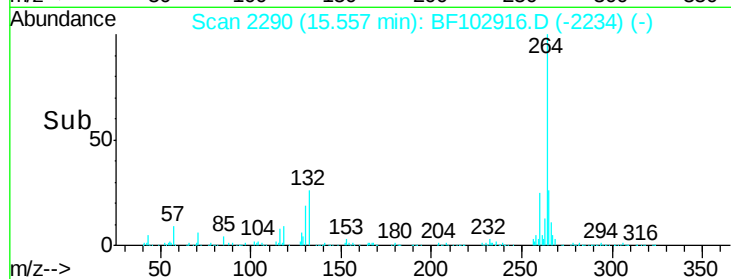
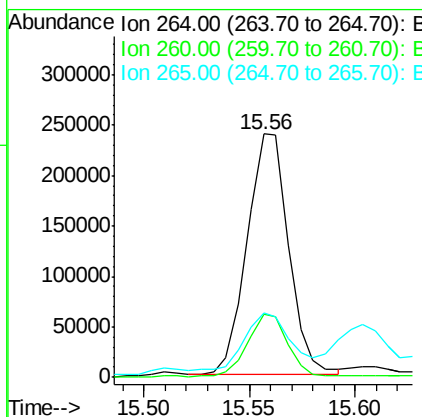
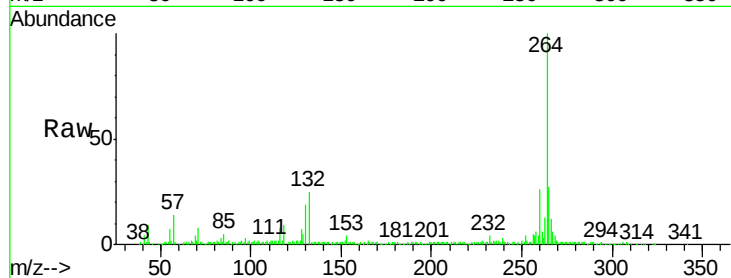


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.03 min
Lab File: BF102916.D
Acq: 12 Feb 2018 13:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:264 Resp: 327558

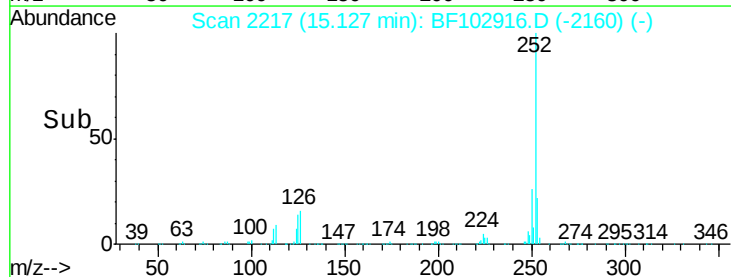
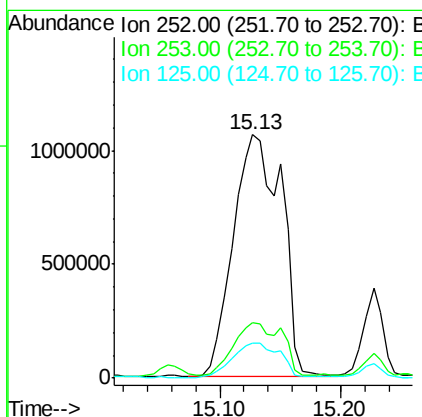
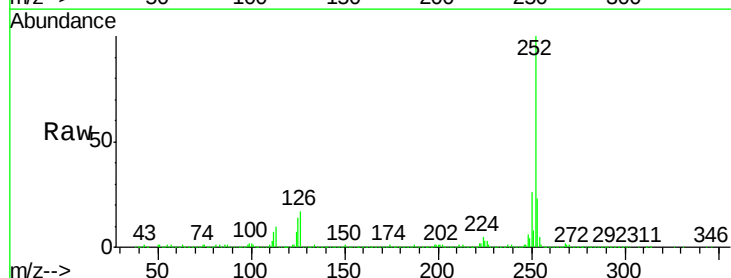
Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	26.6	17.5	26.3#

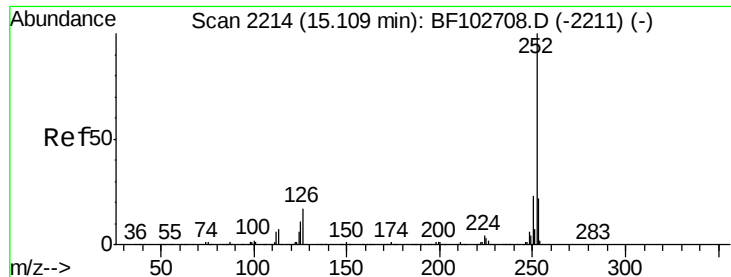


#87
Benzo(b)fluoranthene
Concen: 139.504 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.04 min
Lab File: BF102916.D
Acq: 12 Feb 2018 13:18

Tgt Ion:252 Resp: 2962624

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	14.5	9.0	13.6#

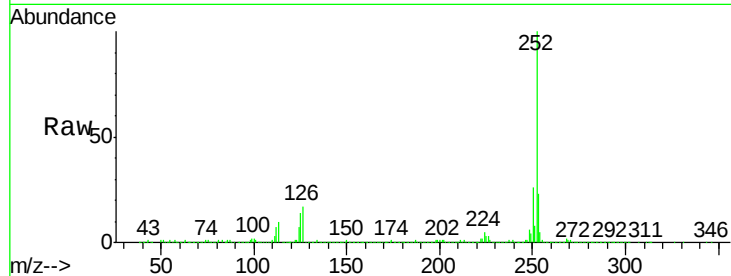




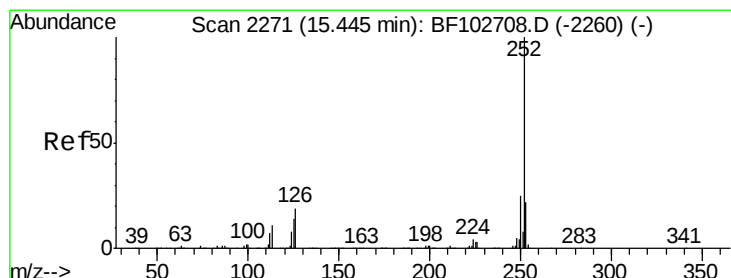
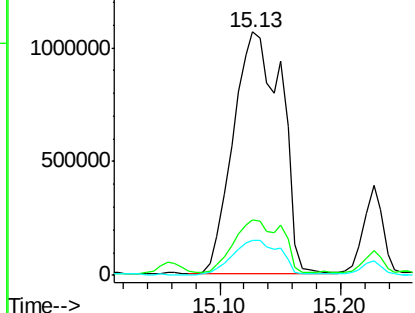
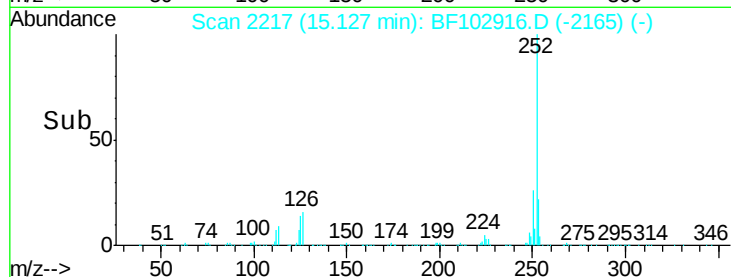
#88
Benzo(k)fluoranthene
Concen: 146.003 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF102916.D
Acq: 12 Feb 2018 13:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 2962624
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 14.5 10.2 15.2

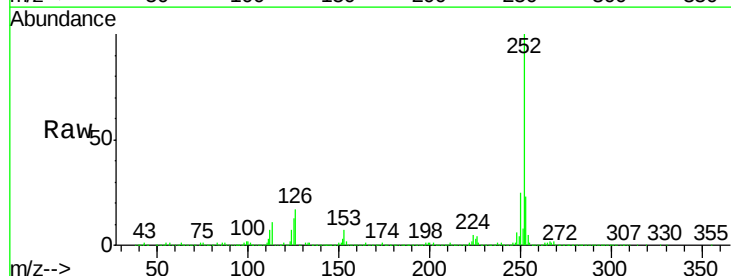


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

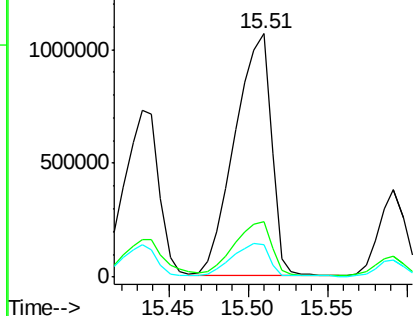
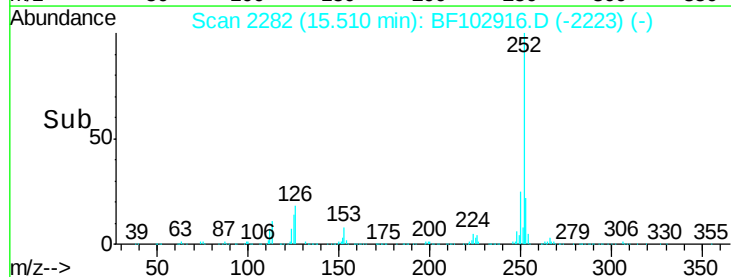


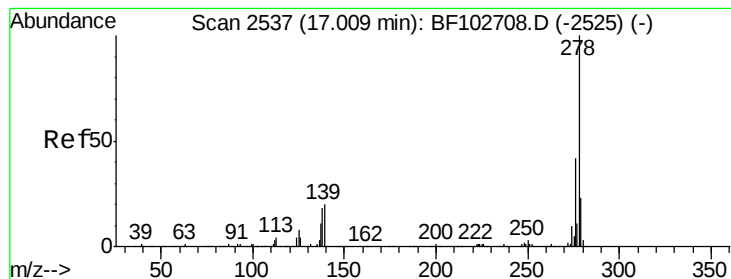
#89
Benzo(a)pyrene
Concen: 89.758 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.05 min
Lab File: BF102916.D
Acq: 12 Feb 2018 13:18

Tgt Ion:252 Resp: 1715793
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 13.2 9.8 14.6



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





#90

Dibenzo(a,h)anthracene

Concen: 15.071 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.04 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

Instrument :

BNA_N

ClientSampleId :

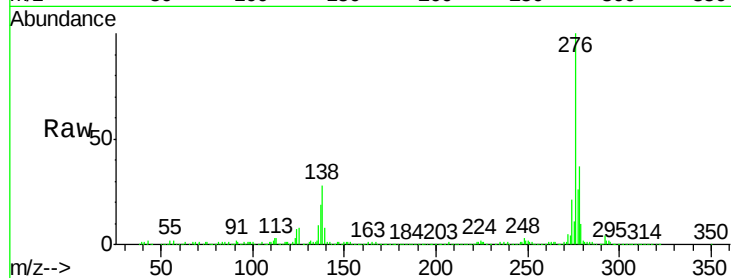
Tot Ion:278 Resp: 233833

Ion Ratio Lower Upper

278 100

139 22.3 15.9 23.9

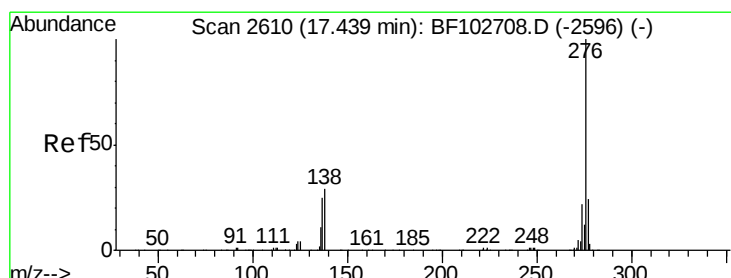
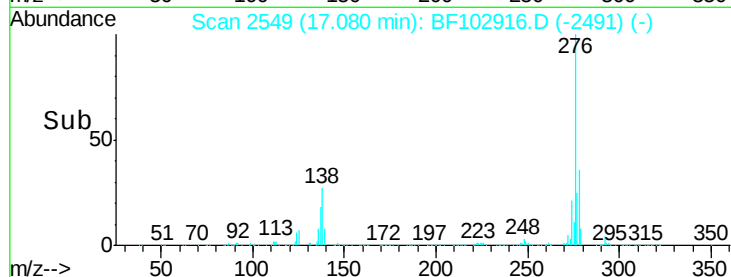
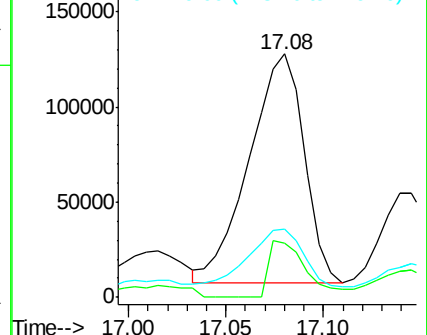
279 28.0 19.0 28.4



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: 47.786 ng

RT: 17.53 min Scan# 2626

Delta R.T. 0.06 min

Lab File: BF102916.D

Acq: 12 Feb 2018 13:18

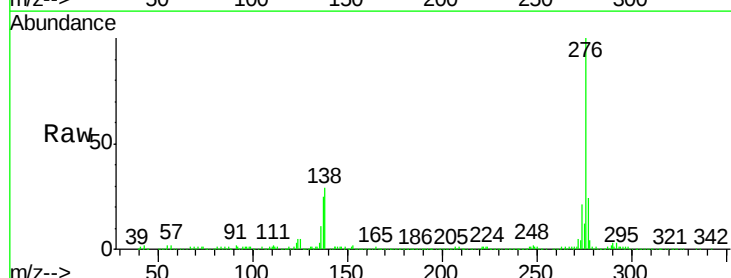
Tgt Ion:276 Resp: 725710

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 29.3 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

