

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101639.D
 Acq On : 22 Dec 2017 7:08
 Operator : SJ/JU
 Sample : I6966-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 08:06:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	136109	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	482260	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	173400	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	275154	20.00	ng	0.00
75) Chrysene-d12	13.99	240	202646	20.00	ng	0.02
86) Perylene-d12	15.49	264	179400	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	896024	98.06	ng	0.01
7) Phenol-d6	6.44	99	1040150	91.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	611662	70.60	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	152078	91.02	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	801462	71.70	ng	0.00
78) Terphenyl-d14	12.92	244	584929	69.59	ng	0.00

Target Compounds

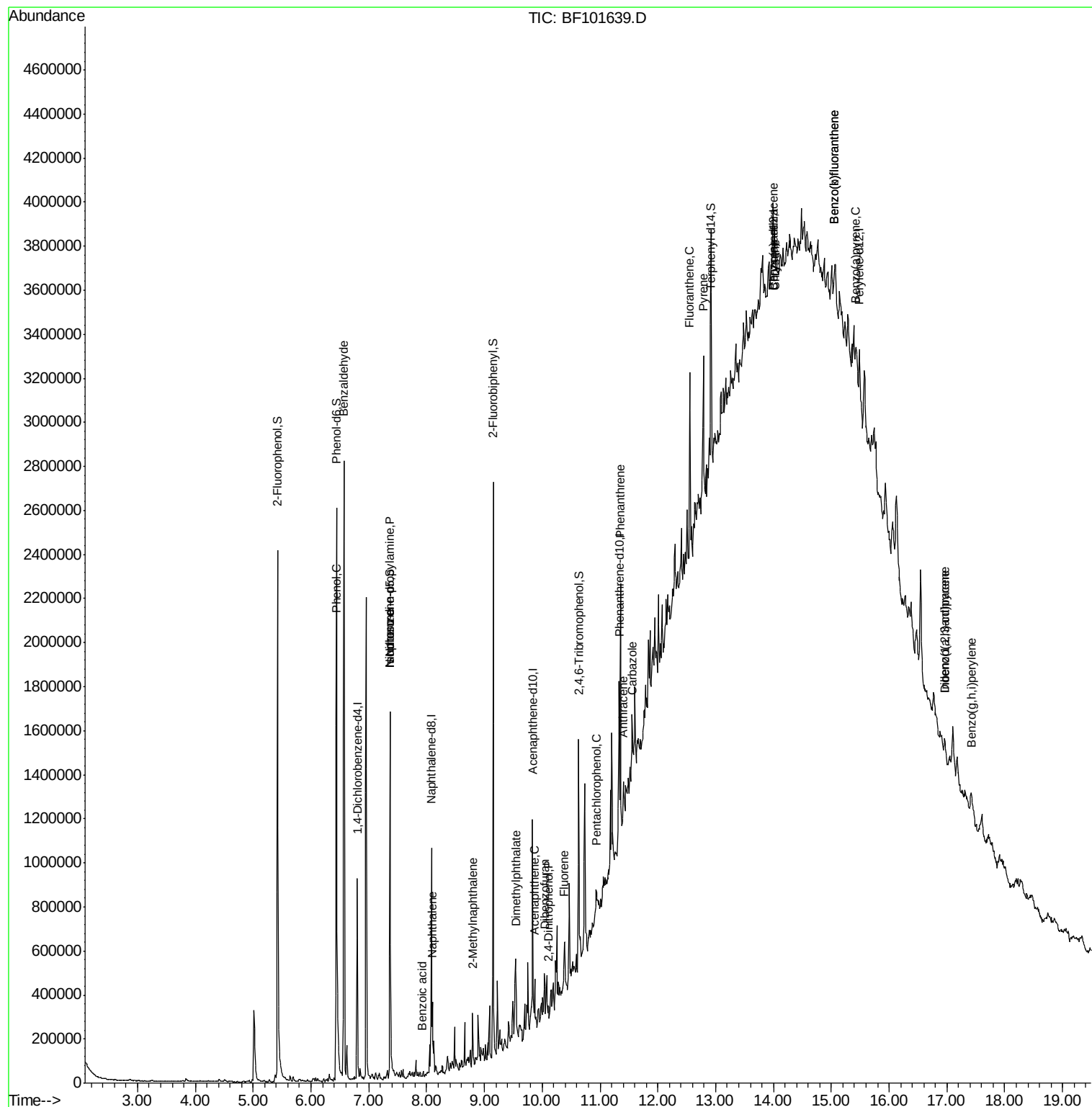
						Qvalue
9) Benzaldehyde	6.57	77	17849	2.125	ng	81
10) Phenol	6.45	94	44247	3.414	ng	# 69
19) n-Nitroso-di-n-propylamine	7.37	70	82205	11.007	ng	# 83
25) Isophorone	7.37	82	606672	34.907	ng	# 64
31) Naphthalene	8.10	128	133890	5.515	ng	99
32) Benzoic acid	7.91	122	913	8.122	ng	# 76
37) 2-Methylnaphthalene	8.79	142	67185	4.247	ng	100
49) Dimethylphthalate	9.55	163	47908	3.435	ng	99
51) Acenaphthene	9.87	154	42279	3.786	ng	99
53) 2,4-Dinitrophenol	10.12	184	497	10.759	ng	# 22
54) Dibenzofuran	10.05	168	47396	3.340	ng	94
57) Fluorene	10.39	166	64837	5.401	ng	97
69) Pentachlorophenol	10.94	266	428	6.865	ng	# 19
70) Phenanthrene	11.35	178	423019	27.645	ng	100
71) Anthracene	11.40	178	87233	5.581	ng	97
72) Carbazole	11.57	167	42782	2.923	ng	# 86
74) Fluoranthene	12.55	202	421065	26.216	ng	98
77) Pyrene	12.79	202	385642	25.357	ng	98
80) Benzo(a)anthracene	13.99	228	175653	13.127	ng	# 93
82) Chrysene	14.02	228	178326	14.115	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.97	276	69752	6.200	ng	# 89
87) Benzo(b)fluoranthene	15.05	252	207981	19.020	ng	# 66
88) Benzo(k)fluoranthene	15.05	252	207981	19.562	ng	# 69
89) Benzo(a)pyrene	15.42	252	110750	10.987	ng	# 61
90) Dibenzo(a,h)anthracene	16.96	278	20322	2.348	ng	# 25
91) Benzo(g,h,i)perylene	17.42	276	69671	8.130	ng	# 84

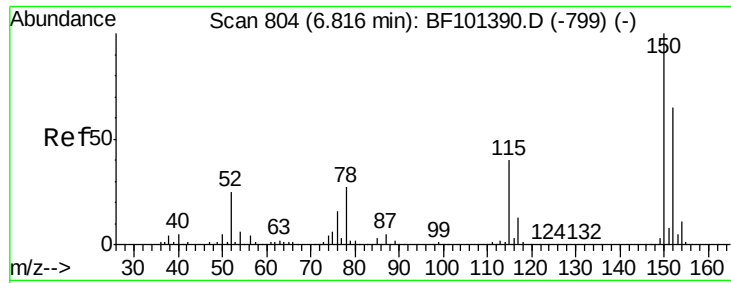
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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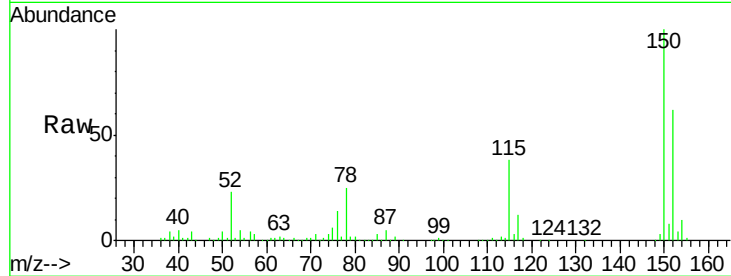


#1

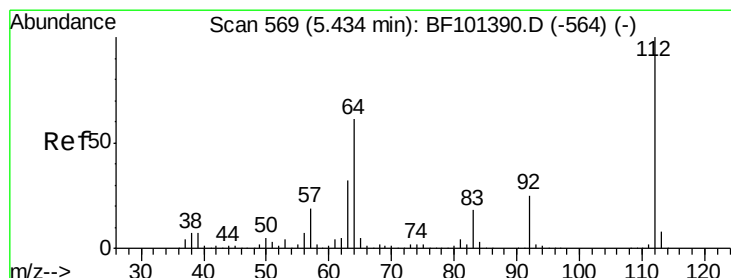
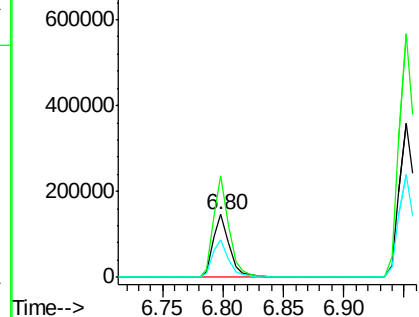
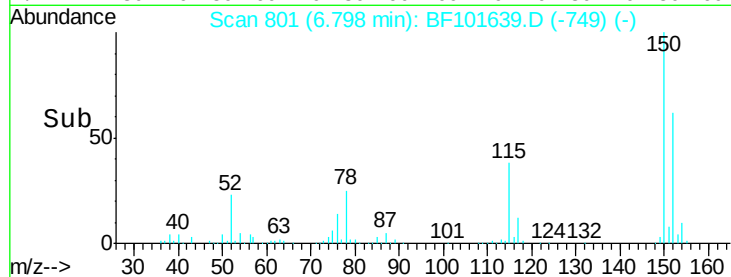
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136109
Ion Ratio Lower Upper
152 100
150 161.4 124.6 186.8
115 60.8 50.1 75.1



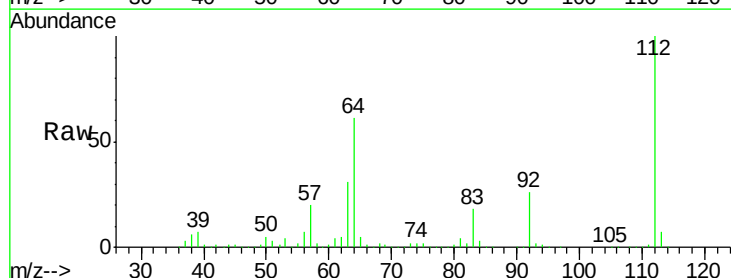
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



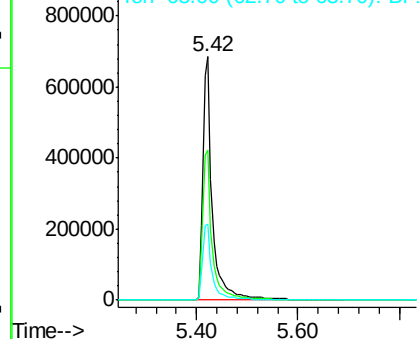
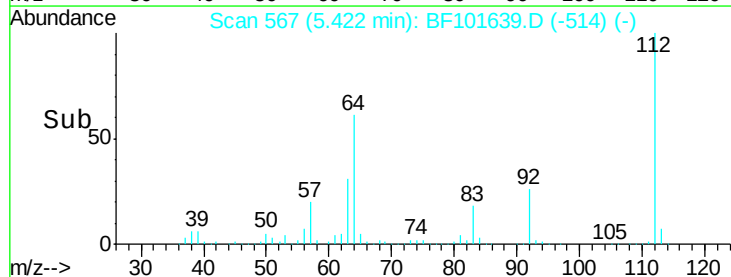
#5

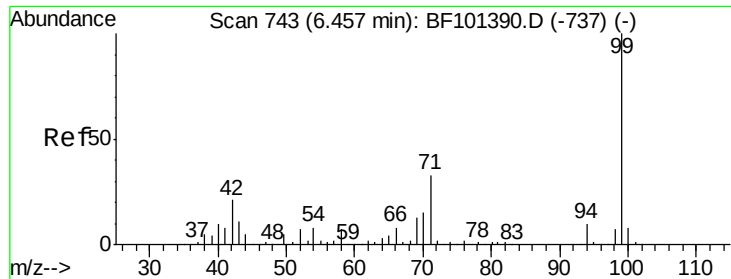
2-Fluorophenol
Concen: 98.061 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:112 Resp: 896024
Ion Ratio Lower Upper
112 100
64 61.4 47.9 71.9
63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 91.467 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

Instrument :

BNA_F

ClientSampleId :

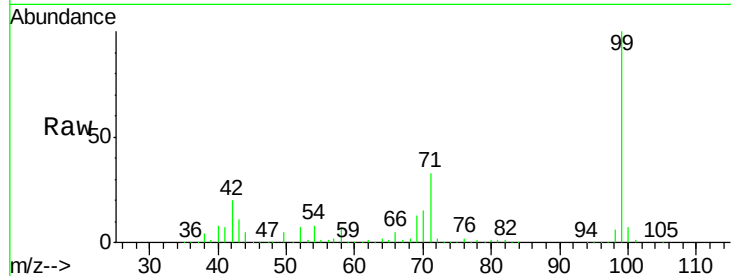
Tot Ion: 99 Resp: 1040150

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

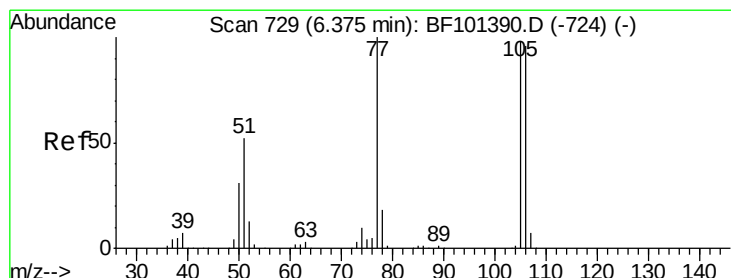
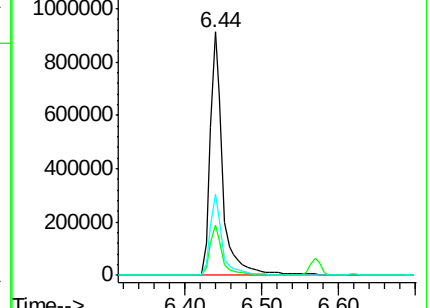
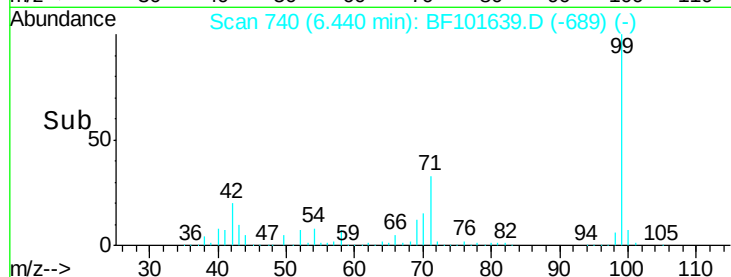
71 33.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.125 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.21 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

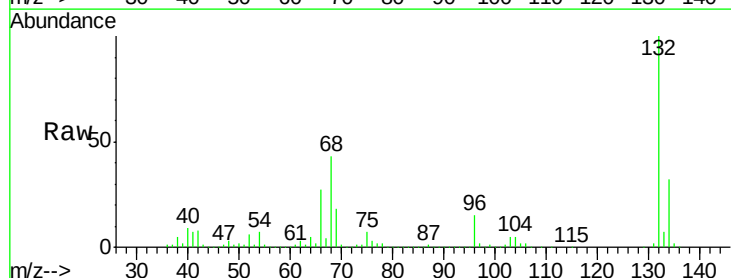
Tgt Ion: 77 Resp: 17849

Ion Ratio Lower Upper

77 100

105 82.6 81.1 121.1

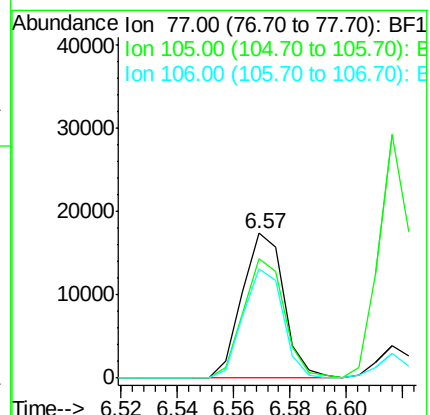
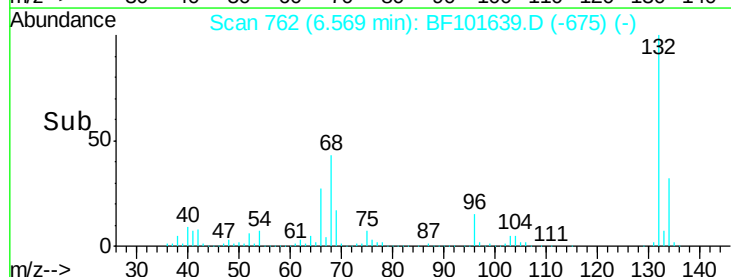
106 75.3 74.5 114.5

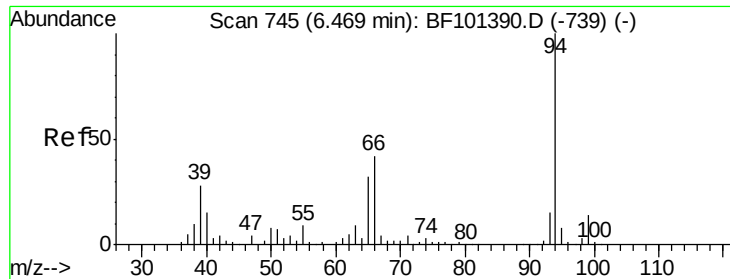


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.414 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

Instrument :

BNA_F

ClientSampled :

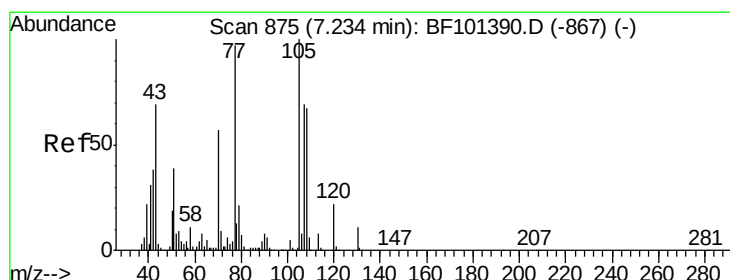
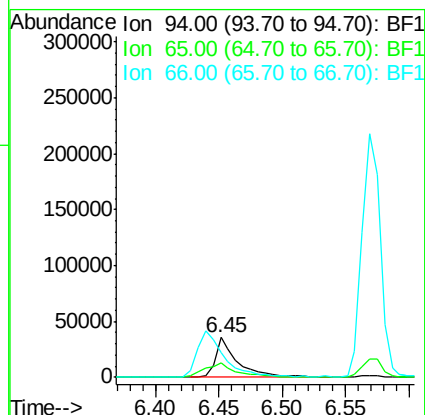
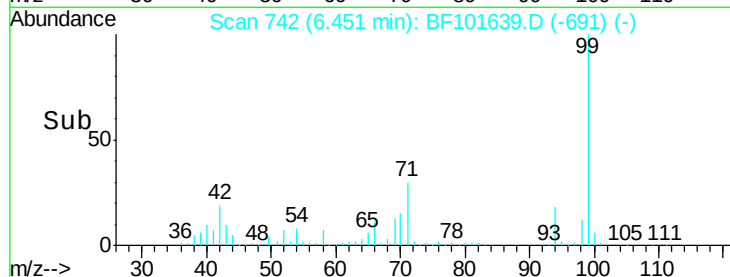
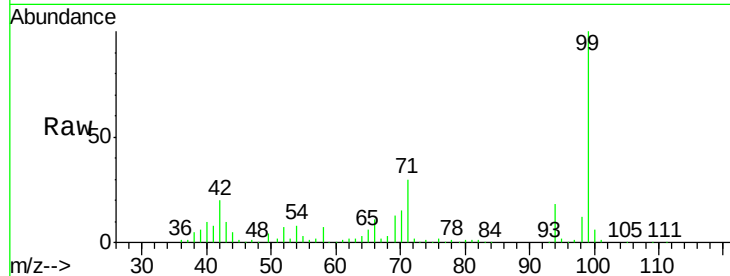
Tot Ion: 94 Resp: 44247

Ion Ratio Lower Upper

94 100

65 35.9 7.9 47.9

66 61.9 16.2 56.2#



#19

n-Nitroso-di-n-propylamine

Concen: 11.007 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.16 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

Tgt Ion: 70 Resp: 82205

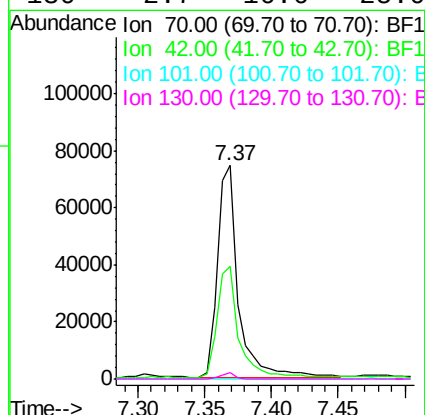
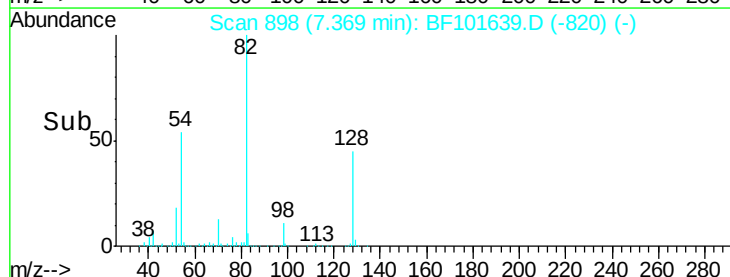
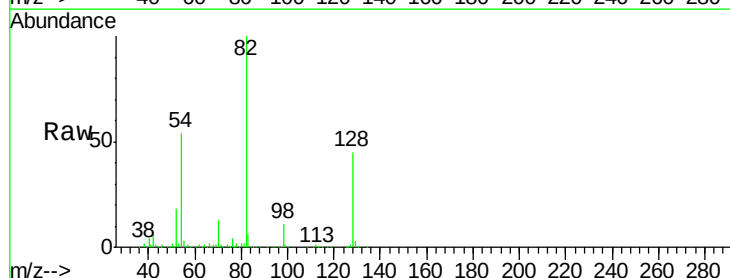
Ion Ratio Lower Upper

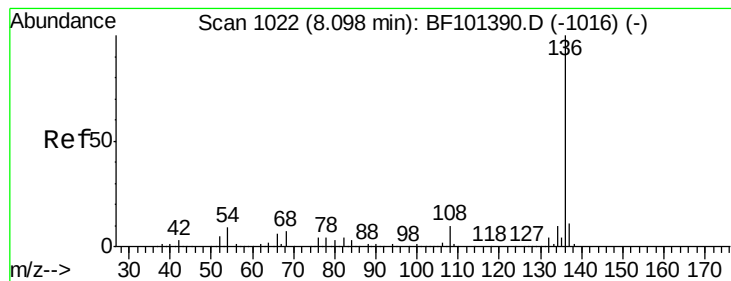
70 100

42 52.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 482260

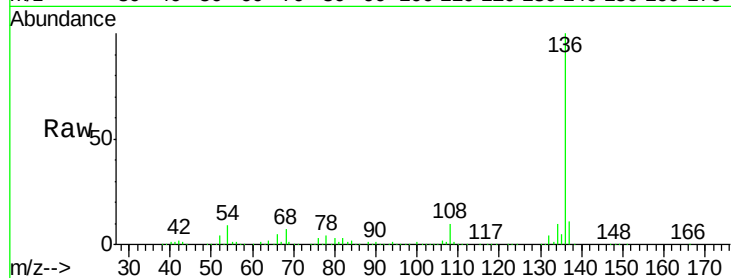
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.5 6.6 9.8

68 6.5 5.0 7.4

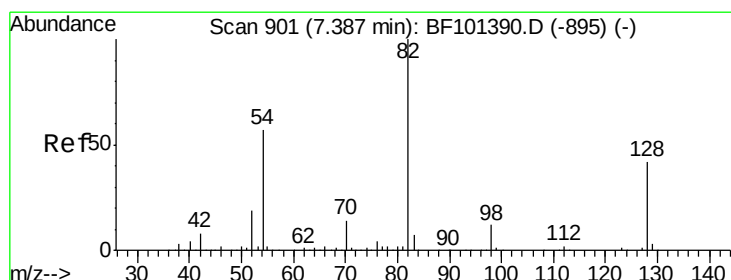
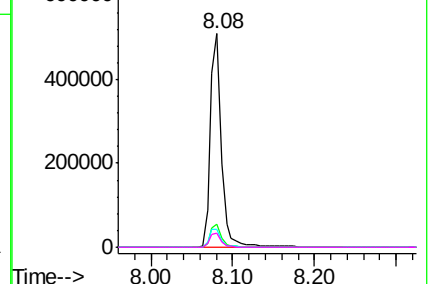
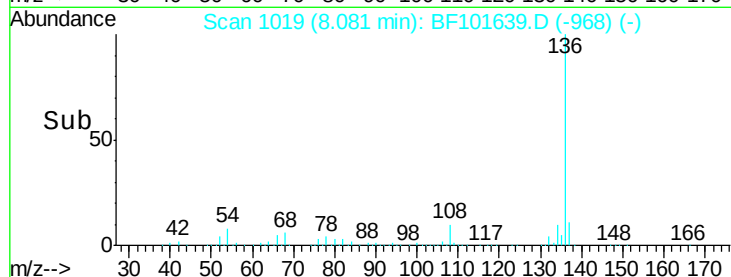


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.602 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

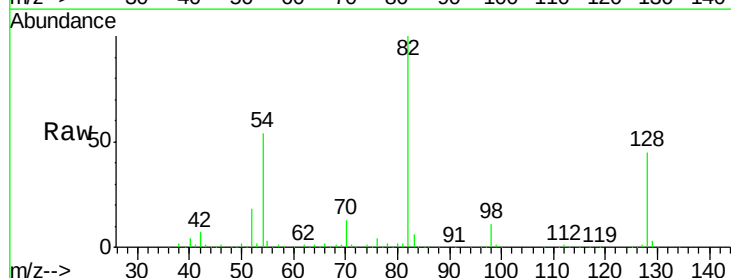
Tgt Ion: 82 Resp: 611662

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

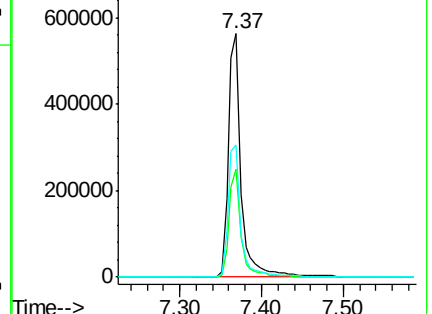
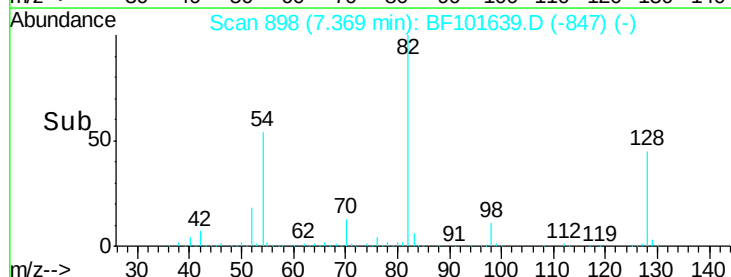
54 54.2 41.4 62.2

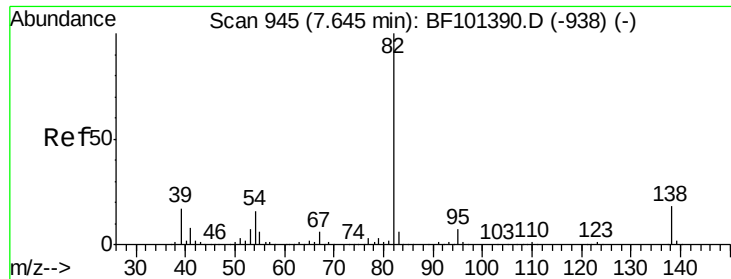


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.907 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.25 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

Instrument :

BNA_F

ClientSampleId :

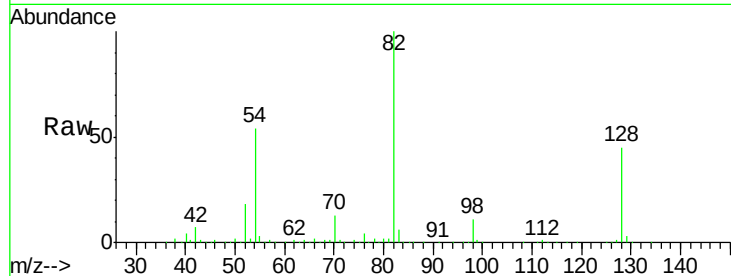
Tot Ion: 82 Resp: 606672

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

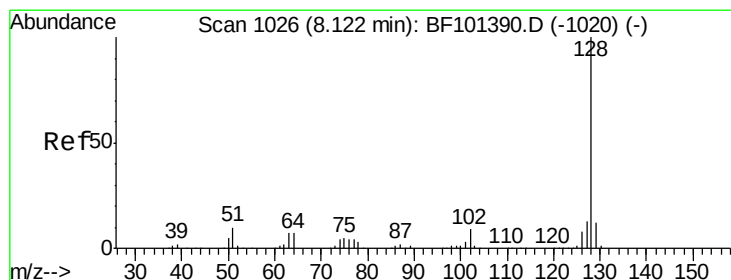
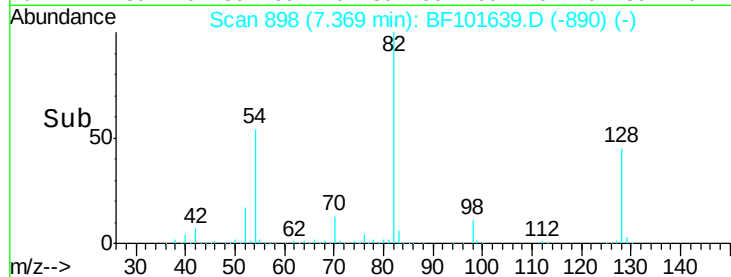
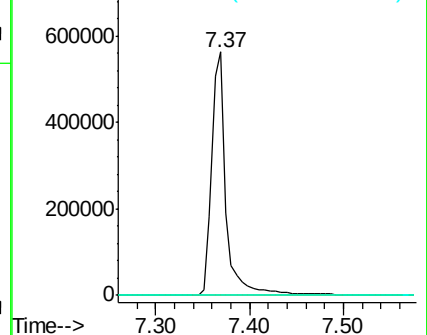
138 0.0 14.9 22.3#



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: 5.515 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

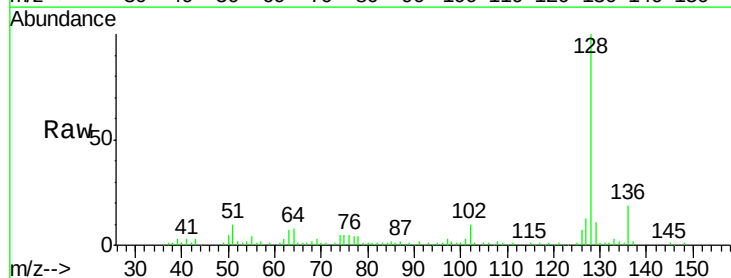
Tgt Ion: 128 Resp: 133890

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

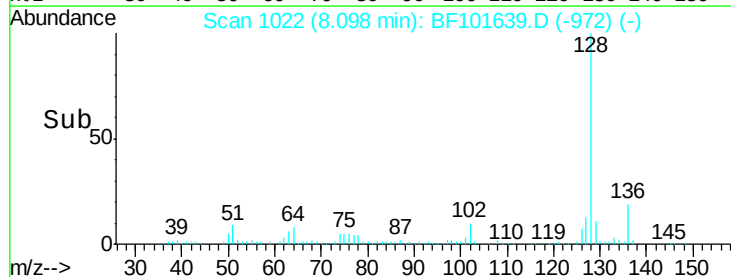
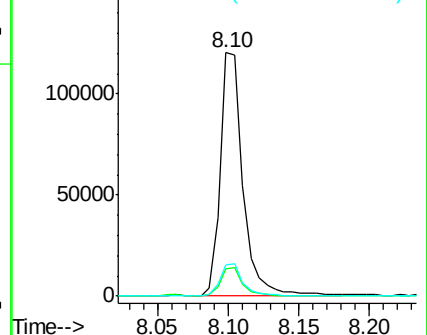
127 12.9 10.9 16.3

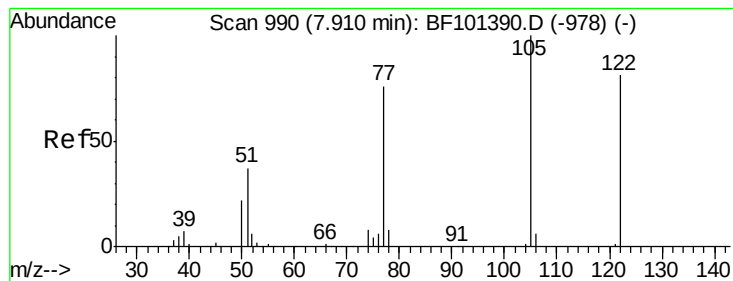


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 8.122 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

Instrument :

BNA_F

ClientSampled :

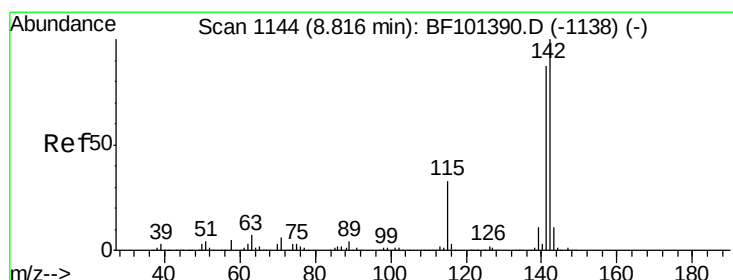
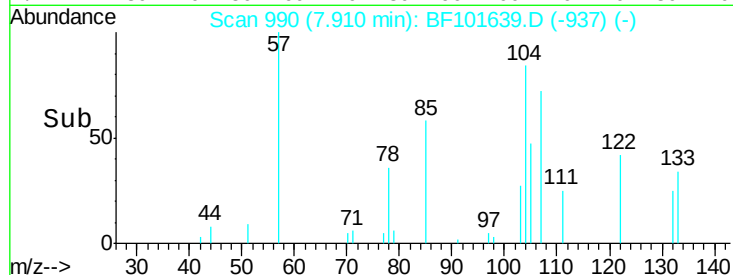
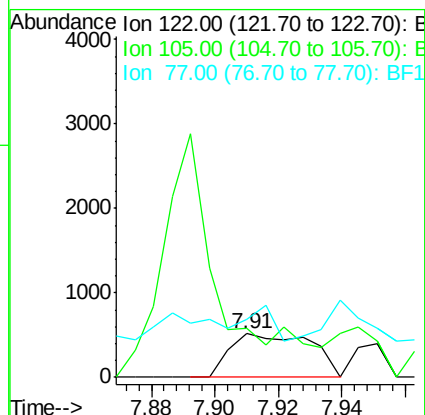
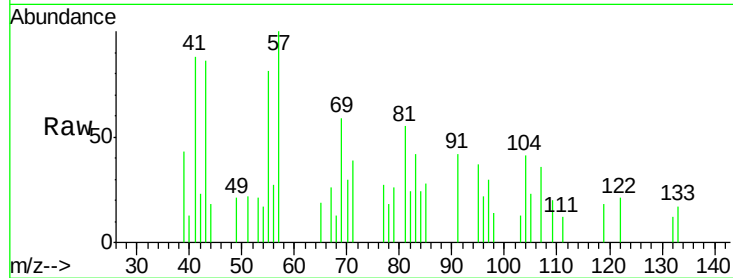
Tot Ion:122 Resp: 913

Ion Ratio Lower Upper

122 100

105 111.8 101.1 141.1

77 132.1 70.7 110.7#



#37

2-Methylnaphthalene

Concen: 4.247 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

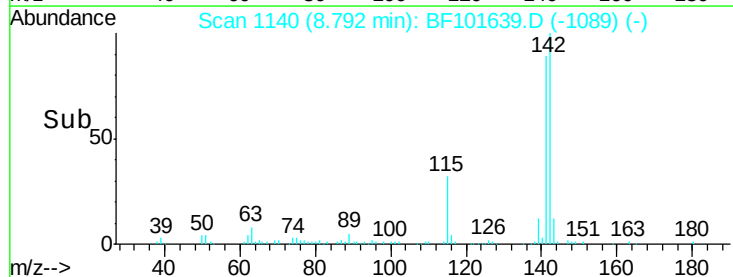
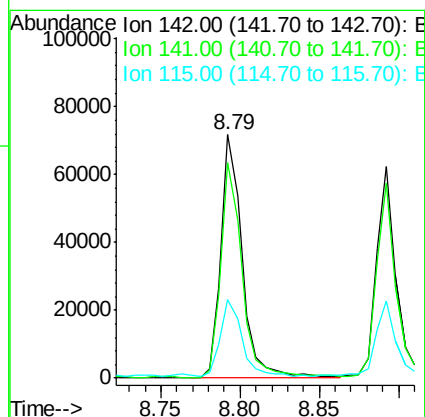
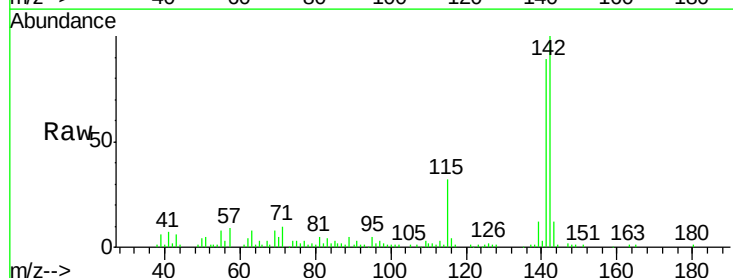
Tgt Ion:142 Resp: 67185

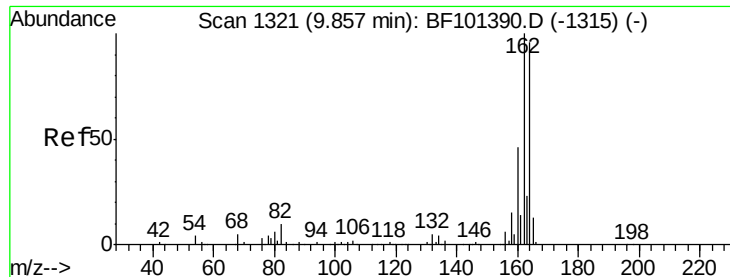
Ion Ratio Lower Upper

142 100

141 88.6 70.8 106.2

115 32.2 26.1 39.1

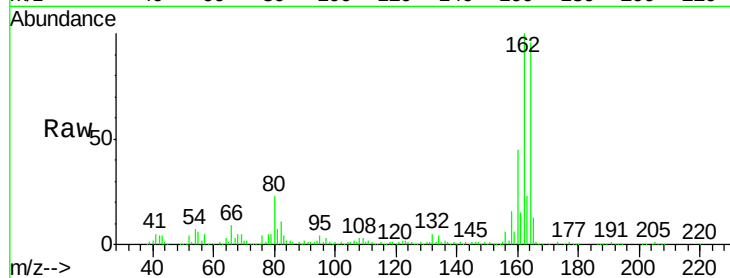




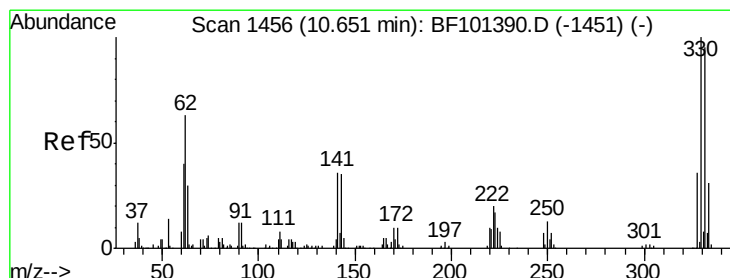
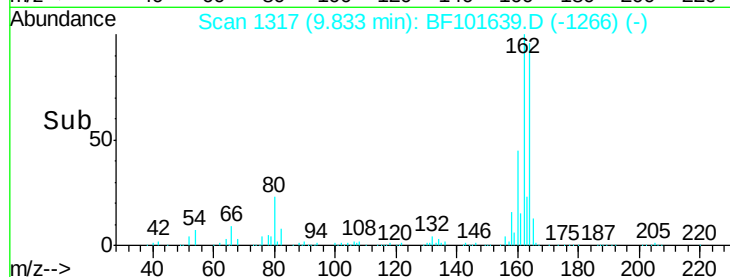
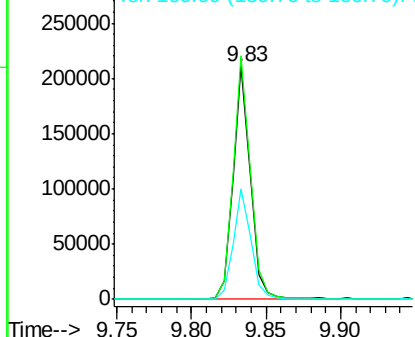
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF101639.D
 Acq: 22 Dec 2017 7:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 173400
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 47.1 38.3 57.5

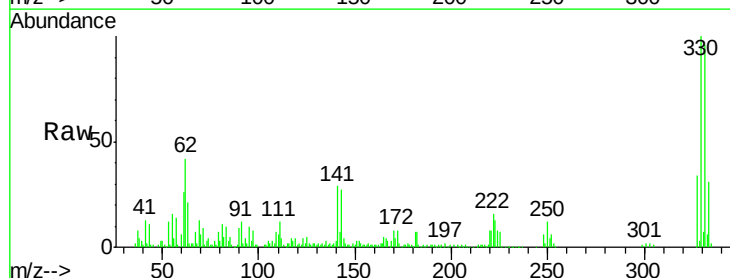


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

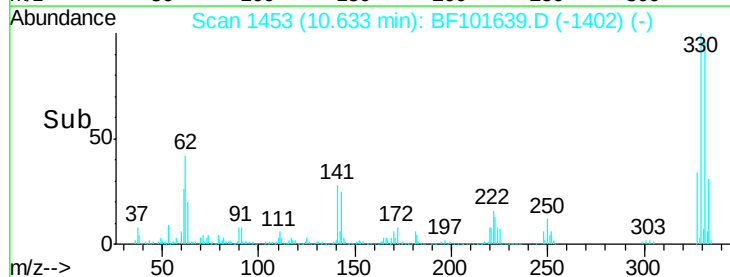
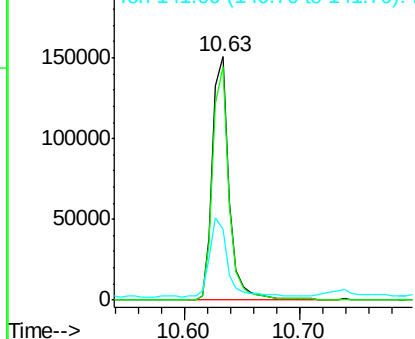


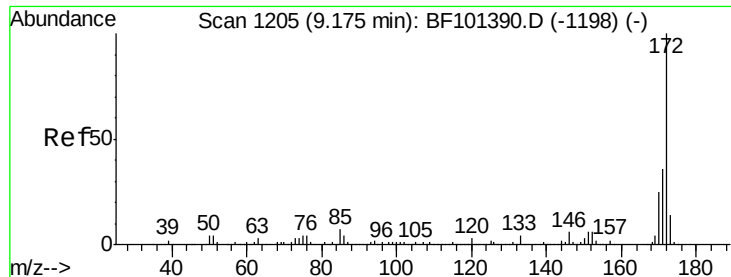
#41
 2,4,6-Tribromophenol
 Concen: 91.019 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF101639.D
 Acq: 22 Dec 2017 7:08

Tgt Ion:330 Resp: 152078
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 34.9 29.9 44.9



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

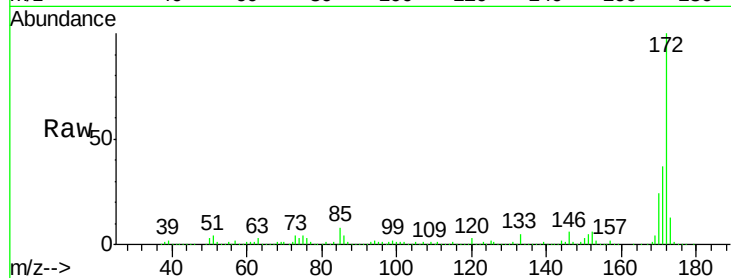




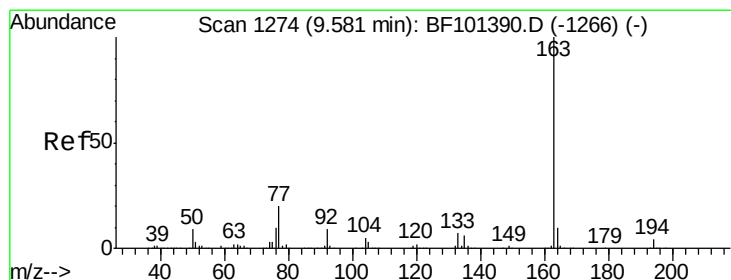
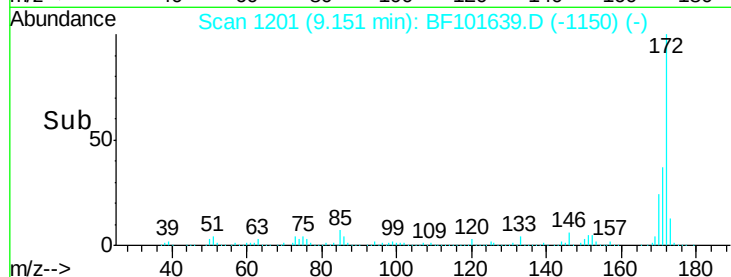
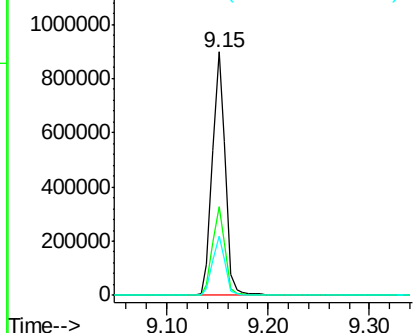
#44
2-Fluorobiphenyl
Concen: 71.699 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 801462
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.4 19.6 29.4

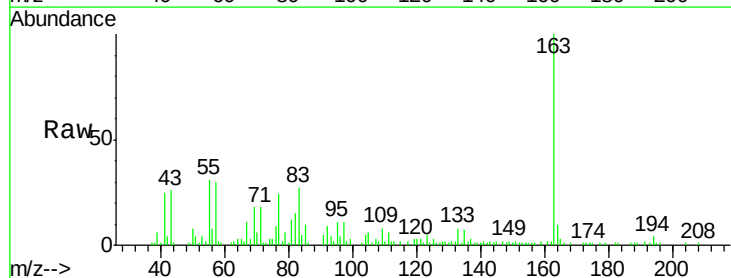


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

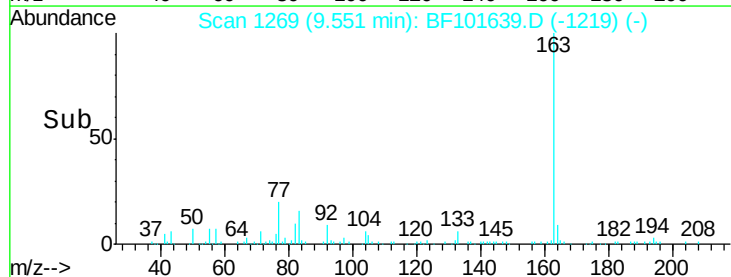
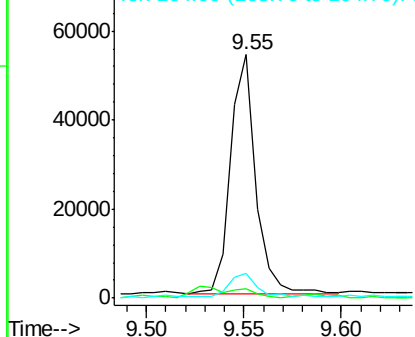


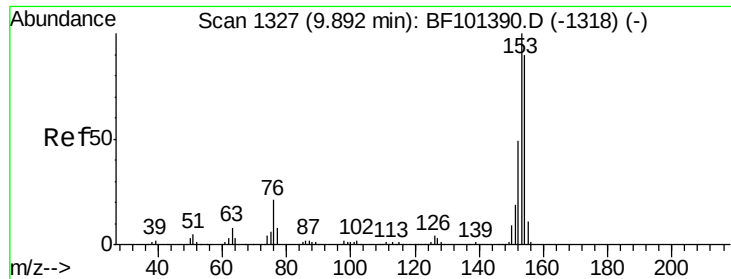
#49
Dimethylphthalate
Concen: 3.435 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:163 Resp: 47908
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.0 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: 3.786 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

Instrument :

BNA_F

ClientSampleId :

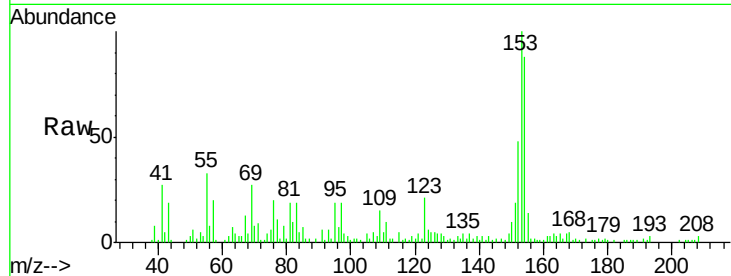
Tot Ion:154 Resp: 42279

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

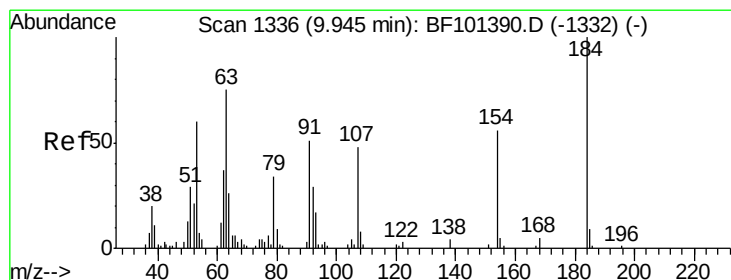
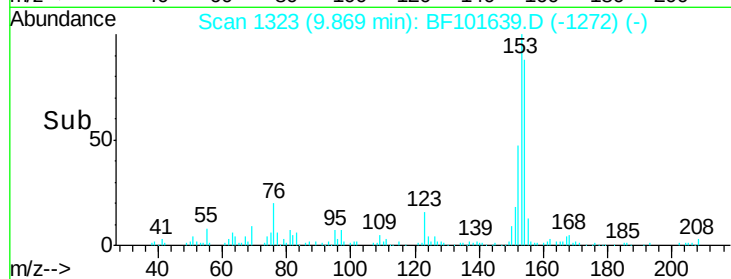
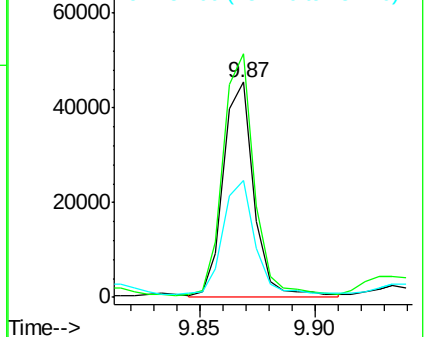
152 54.2 43.8 65.8



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: 10.759 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.18 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

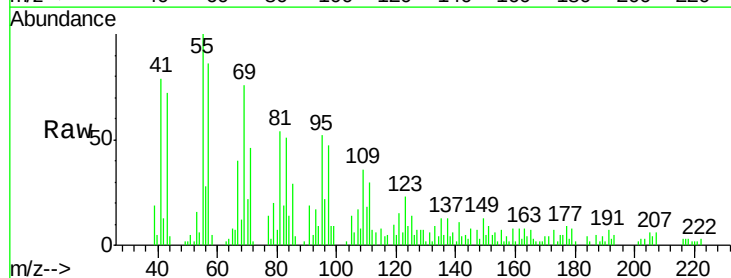
Tgt Ion:184 Resp: 497

Ion Ratio Lower Upper

184 100

63 65.0 54.2 81.2

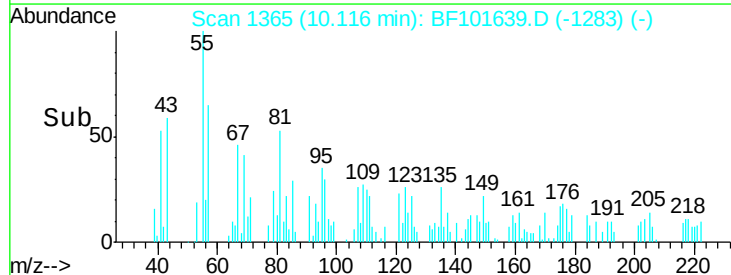
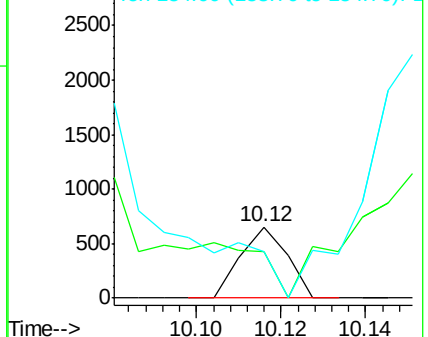
154 65.2 184.0 276.0#

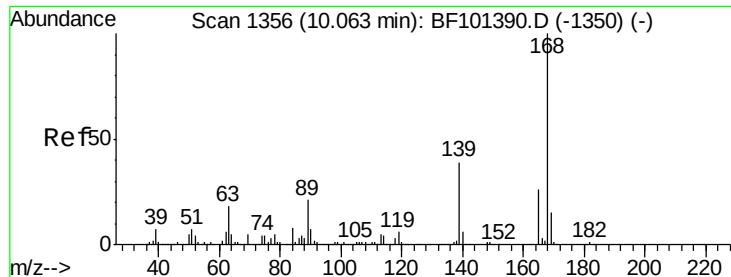


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 3.340 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

Instrument :

BNA_F

ClientSampleId :

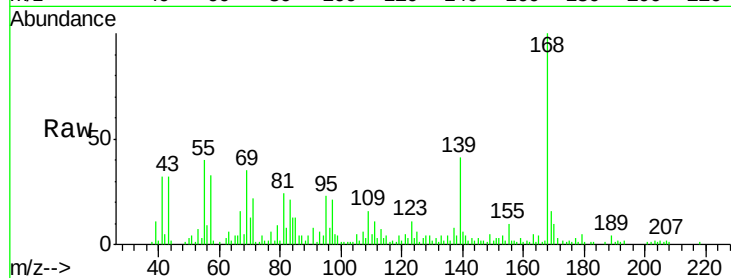
Tot Ion:168 Resp: 47396

Ion Ratio Lower Upper

168 100

139 40.9 30.1 45.1

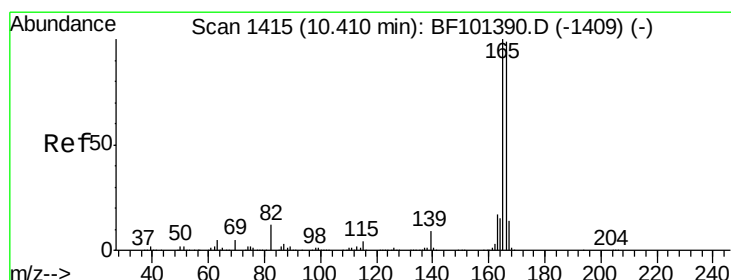
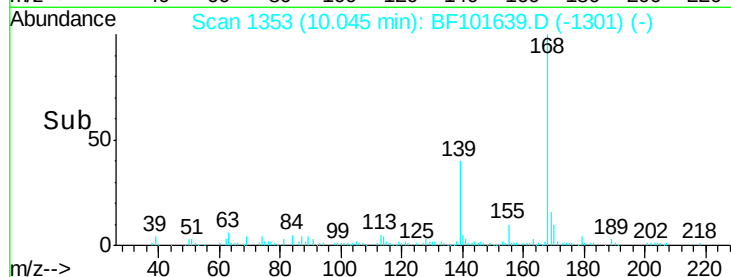
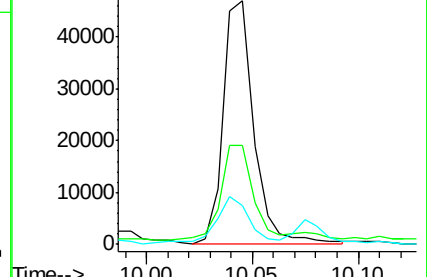
169 16.2 10.9 16.3



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



#57

Fluorene

Concen: 5.401 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

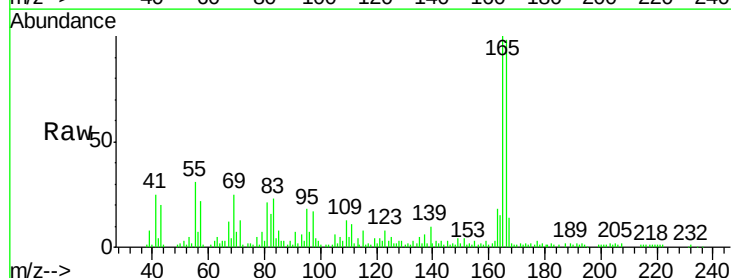
Tgt Ion:166 Resp: 64837

Ion Ratio Lower Upper

166 100

165 102.5 79.8 119.8

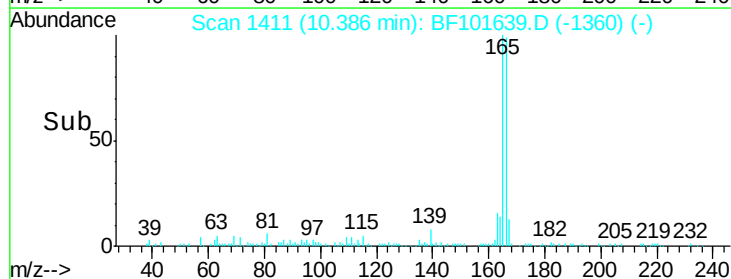
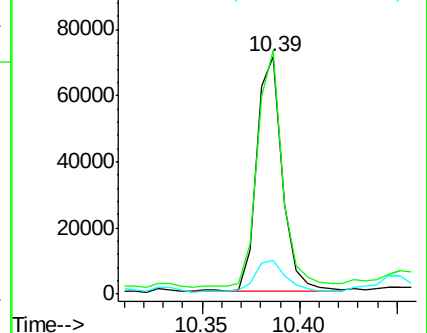
167 14.2 10.6 16.0

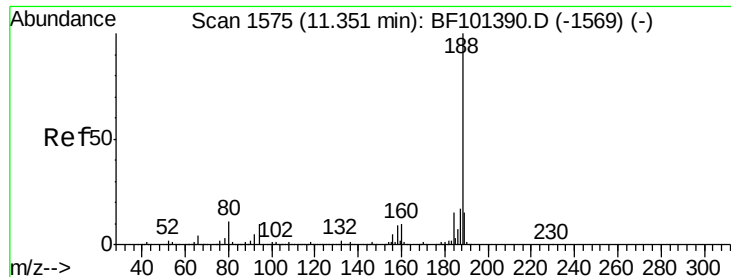


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

Instrument :

BNA_F

ClientSampleId :

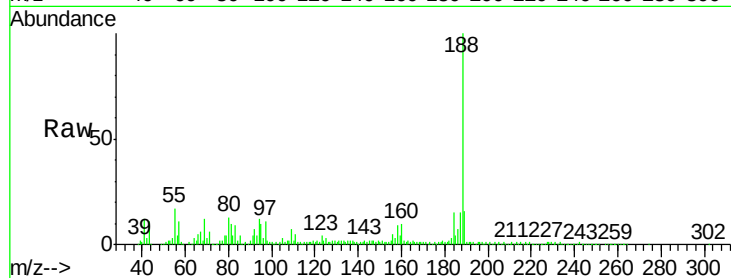
Tot Ion:188 Resp: 275154

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

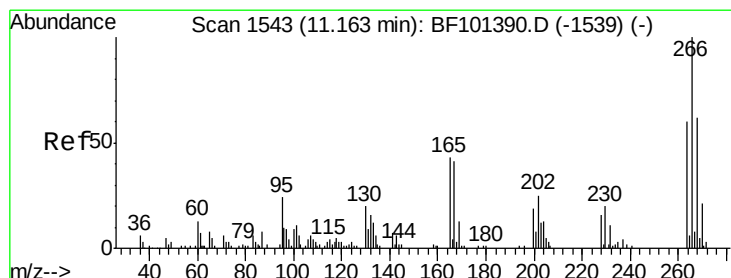
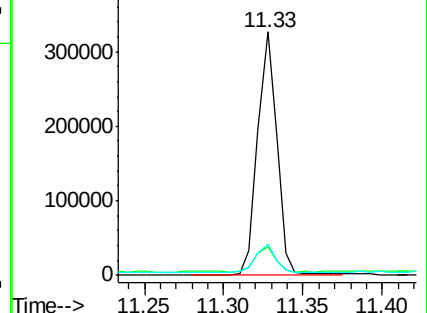
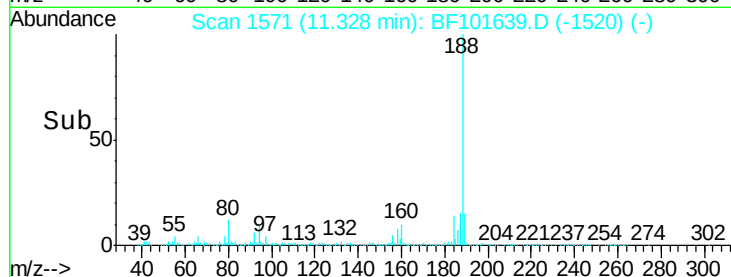
80 12.8 9.2 13.8



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



#69

Pentachlorophenol

Concen: 6.865 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.20 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

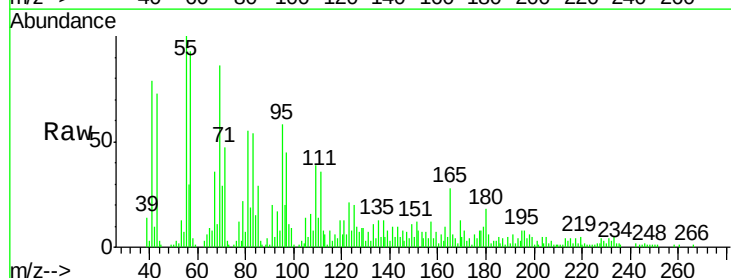
Tgt Ion:266 Resp: 428

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

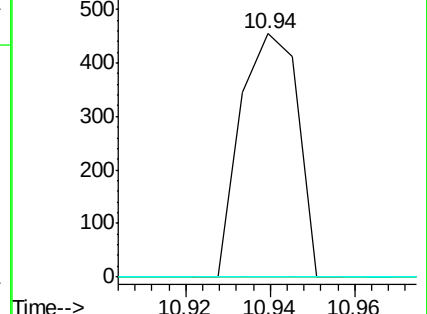
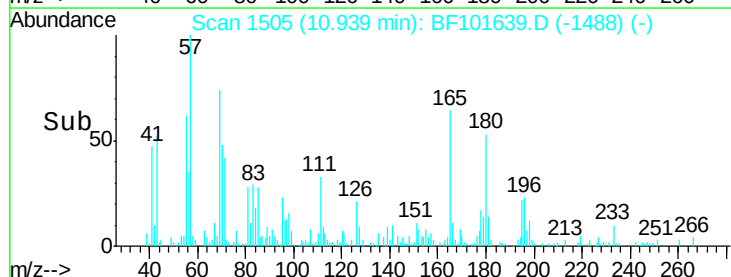
264 0.0 49.5 74.3#

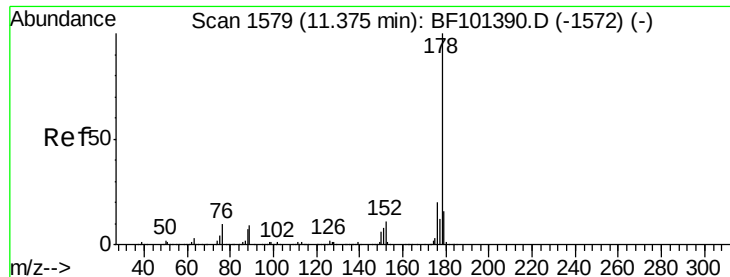


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

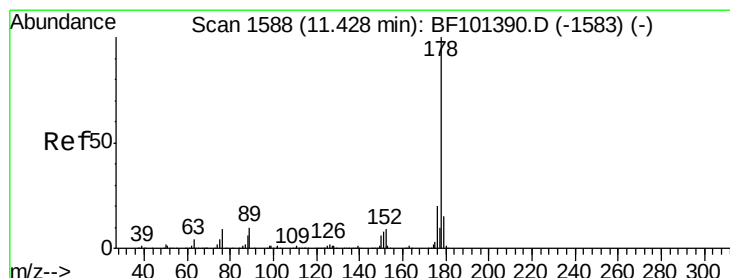
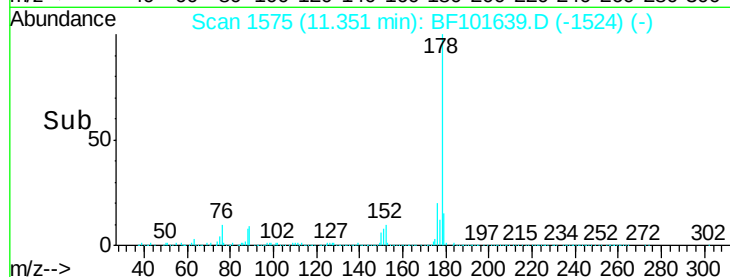
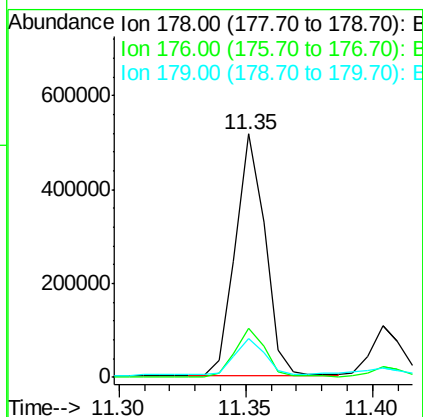
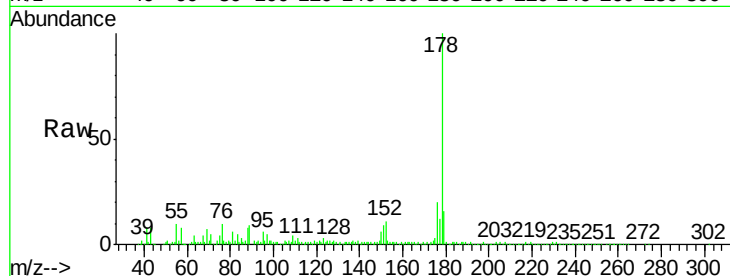




#70
Phenanthrene
Concen: 27.645 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

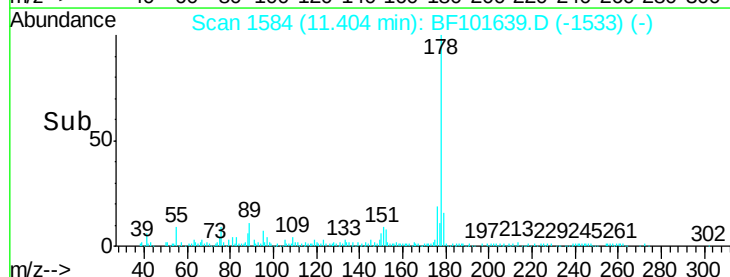
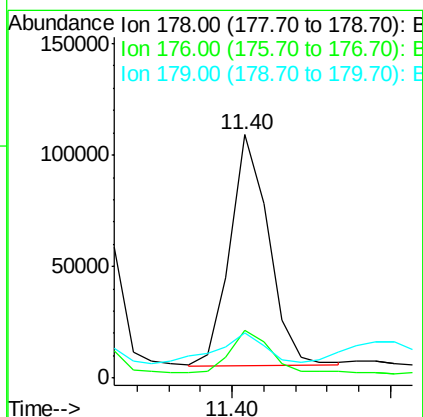
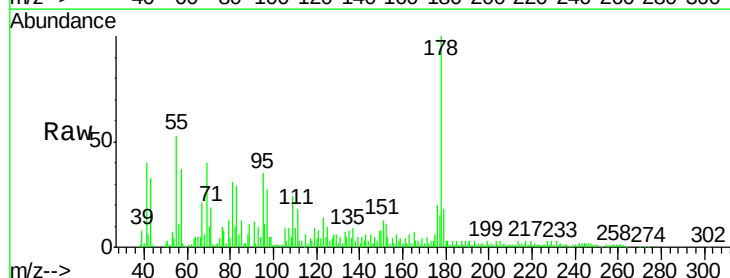
Instrument :
BNA_F
ClientSampleId :

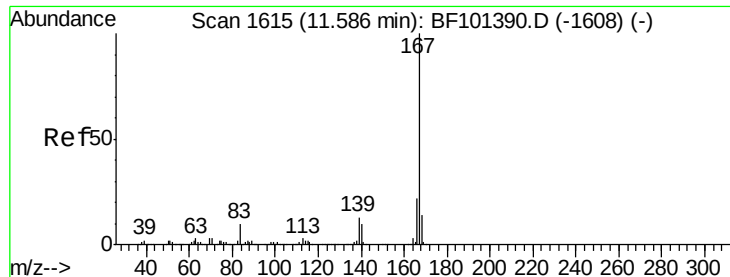
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	16.1	13.0	19.6



#71
Anthracene
Concen: 5.581 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	18.4	12.6	19.0





#72

Carbazole

Concen: 2.923 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

Instrument :

BNA_F

ClientSampleId :

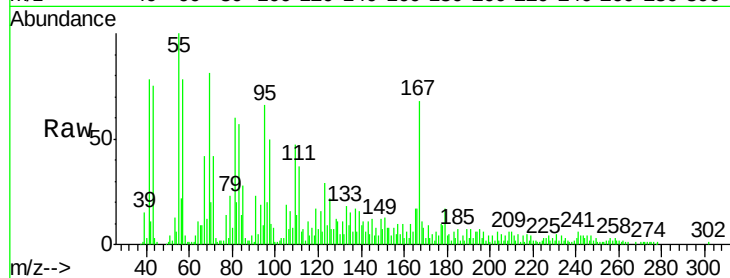
Tot Ion:167 Resp: 42782

Ion Ratio Lower Upper

167 100

166 25.5 17.6 26.4

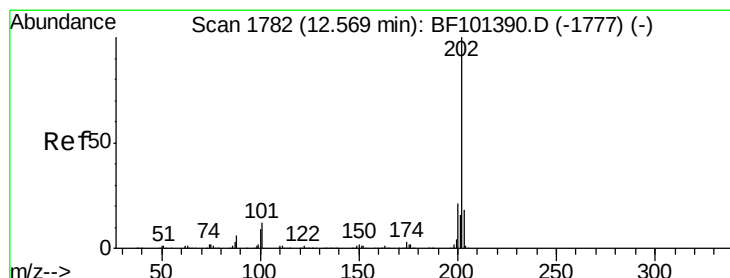
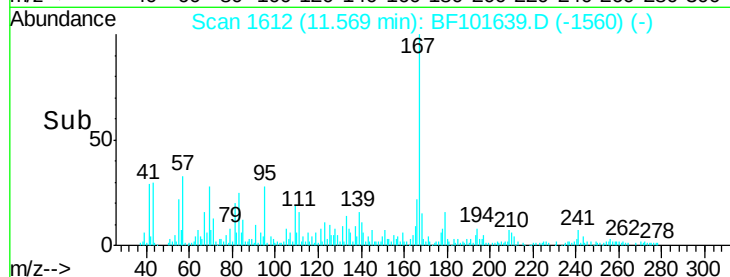
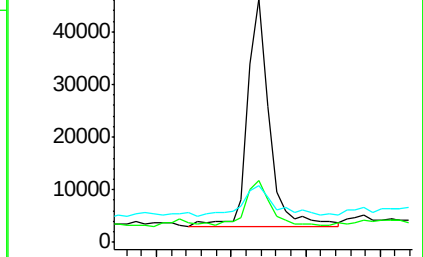
139 23.3 10.9 16.3#



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: 26.216 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

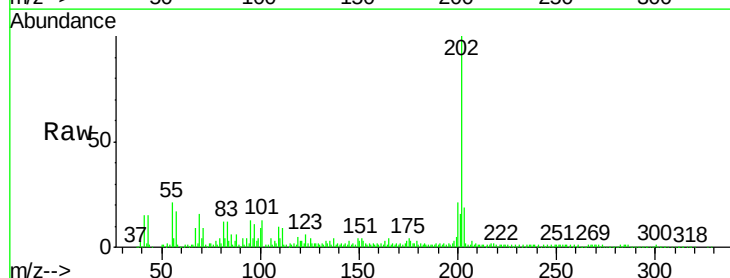
Tgt Ion:202 Resp: 421065

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

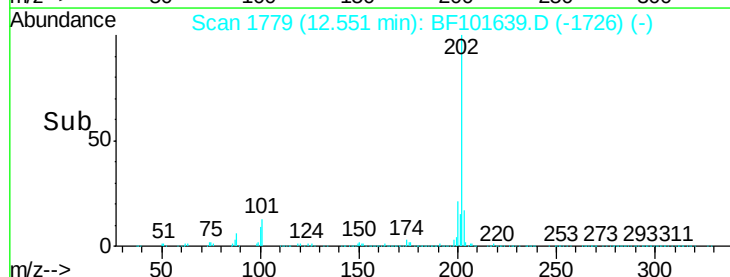
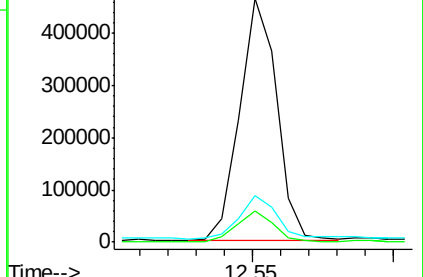
203 18.9 0.0 38.1

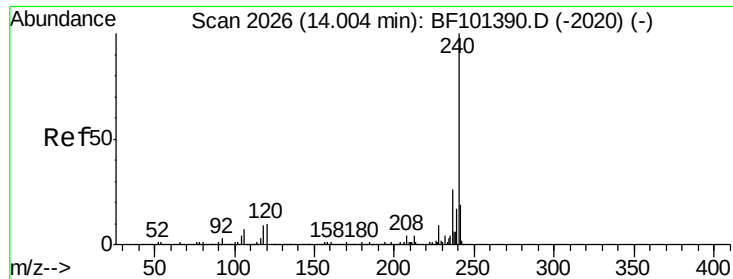


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 2024

Delta R.T. 0.02 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

Instrument :

BNA_F

ClientSampleId :

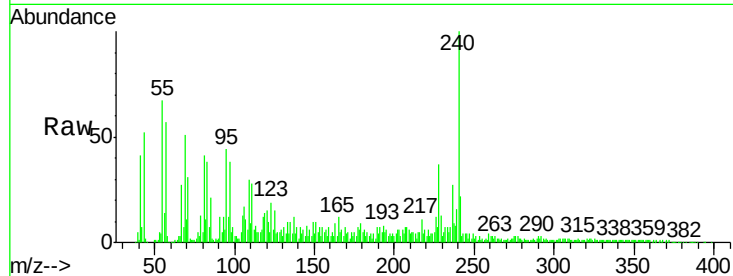
Tot Ion:240 Resp: 202646

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

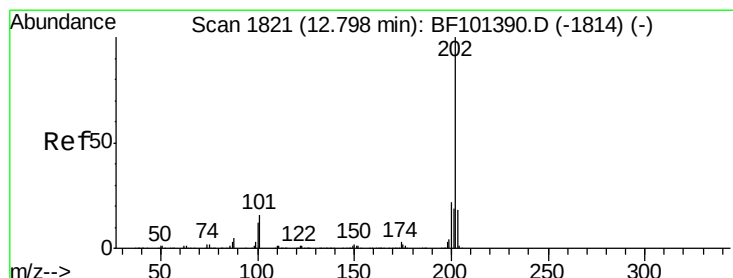
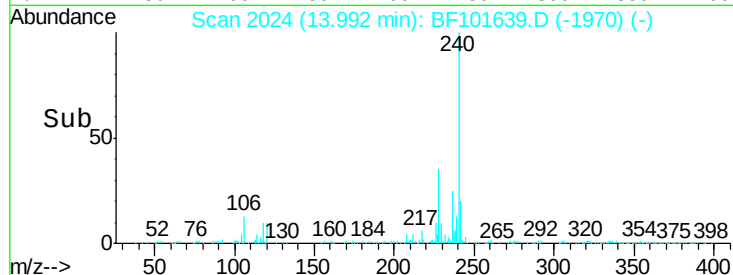
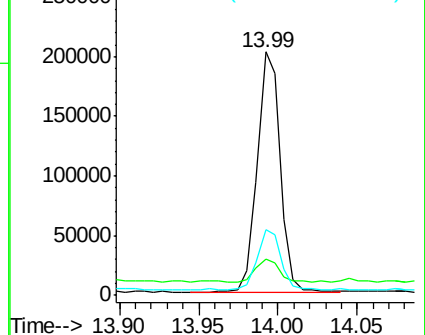
236 27.1 20.7 31.1



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: 25.357 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

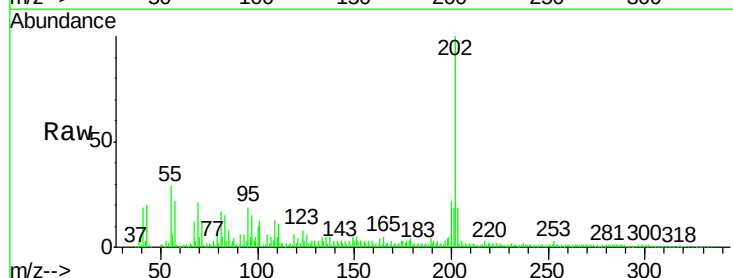
Tgt Ion:202 Resp: 385642

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

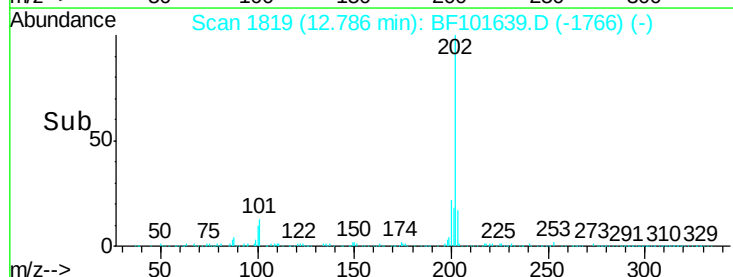
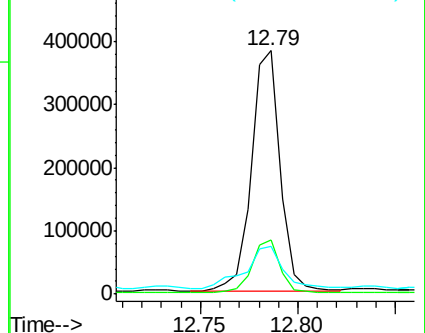
203 19.4 14.3 21.5

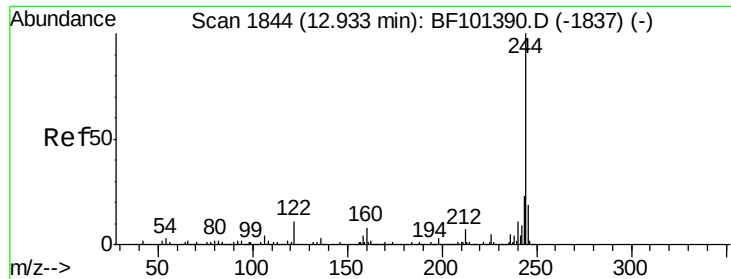


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 69.586 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

Instrument :

BNA_F

ClientSampleId :

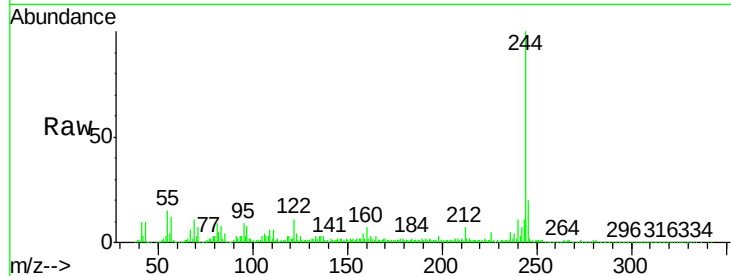
Tot Ion:244 Resp: 584929

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

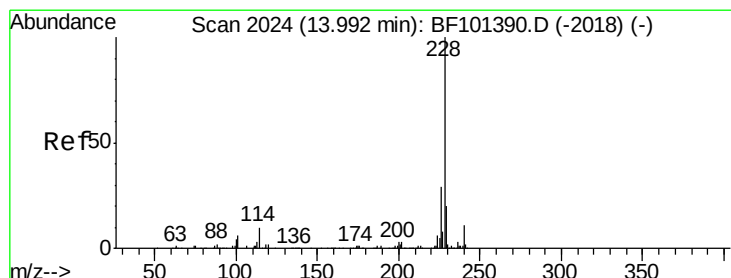
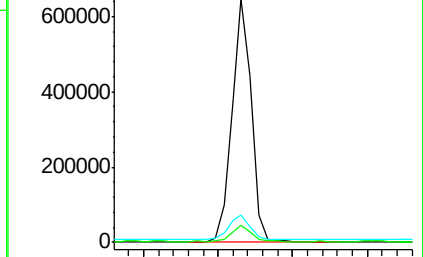
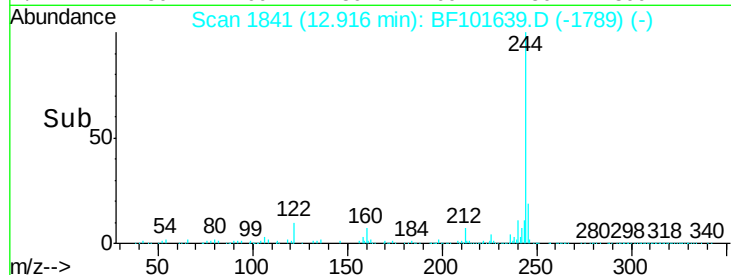
122 11.1 11.0 16.4



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: 13.127 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.02 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

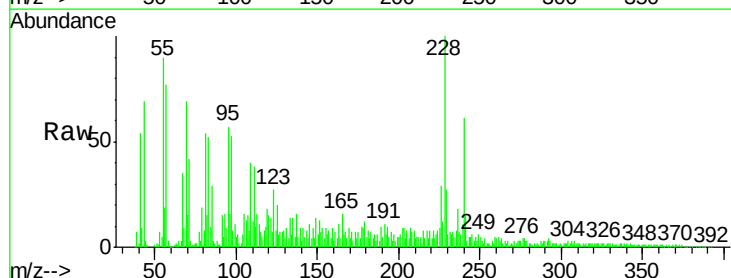
Tgt Ion:228 Resp: 175653

Ion Ratio Lower Upper

228 100

226 28.6 22.6 33.8

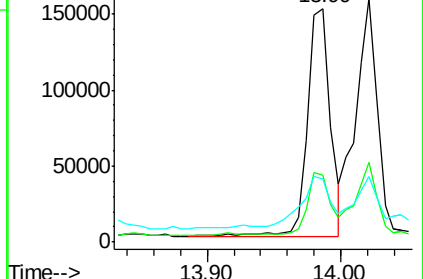
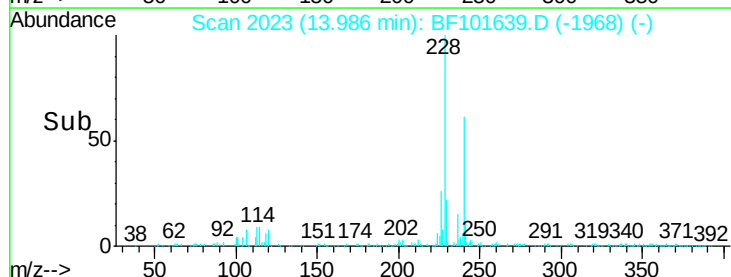
229 26.9 15.8 23.6#

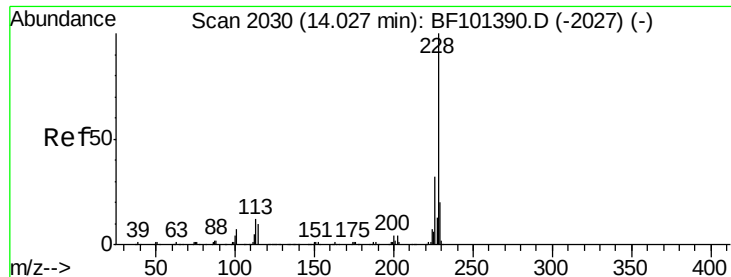


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 14.115 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.02 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

Instrument :

BNA_F

ClientSampleId :

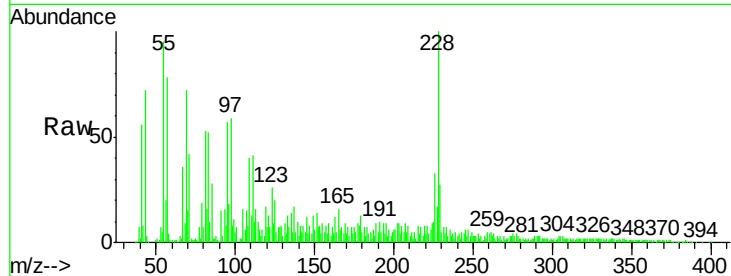
Tot Ion:228 Resp: 178326

Ion Ratio Lower Upper

228 100

226 32.7 25.0 37.6

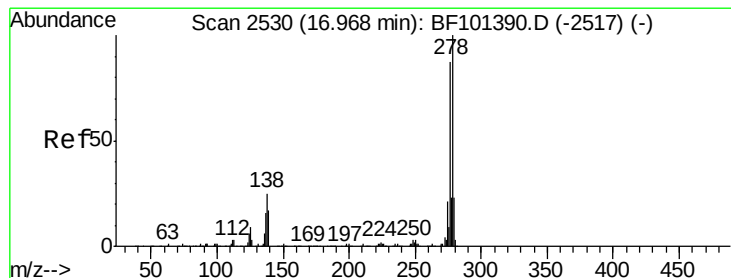
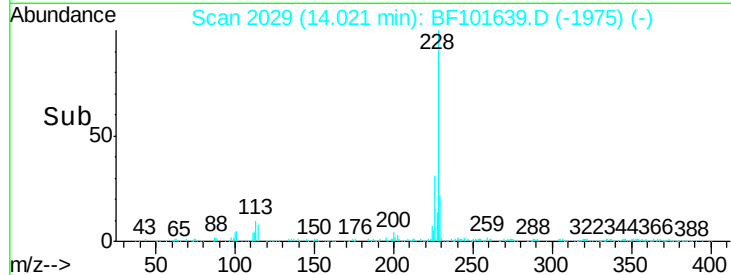
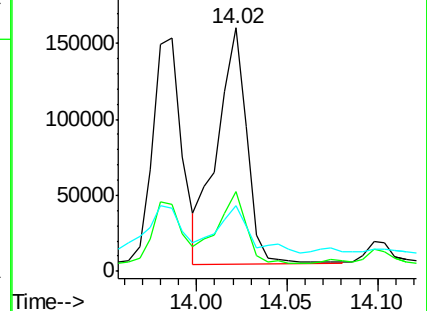
229 27.1 16.2 24.4#



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: 6.200 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.05 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

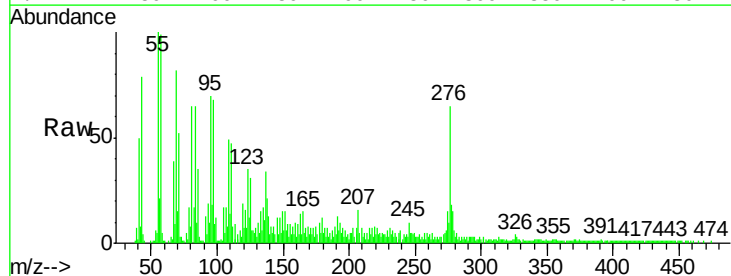
Tgt Ion:276 Resp: 69752

Ion Ratio Lower Upper

276 100

138 23.1 25.0 37.6#

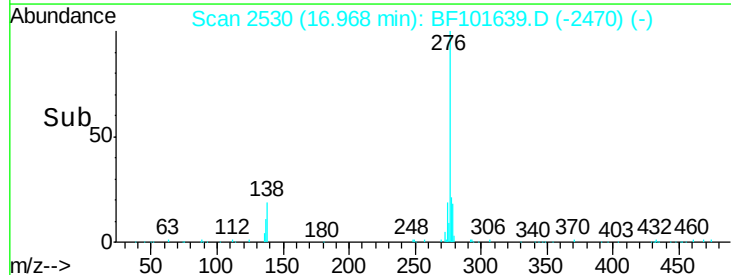
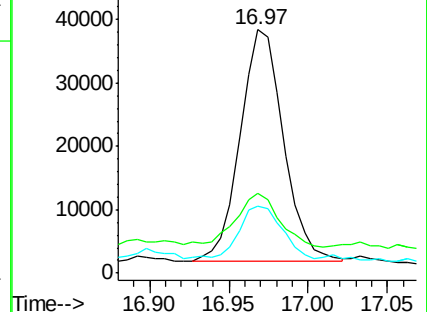
277 22.4 20.1 30.1

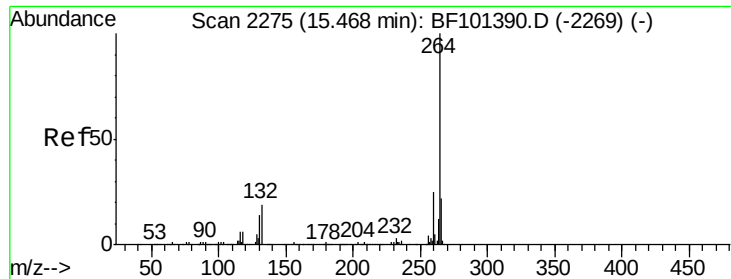


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

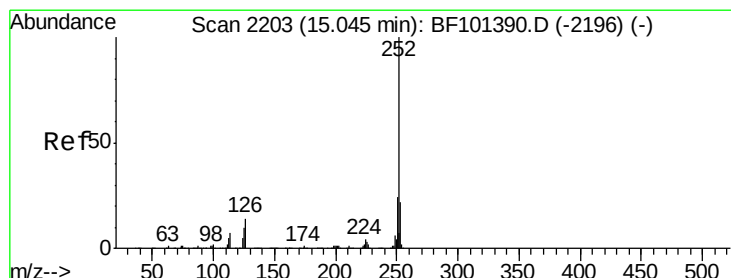
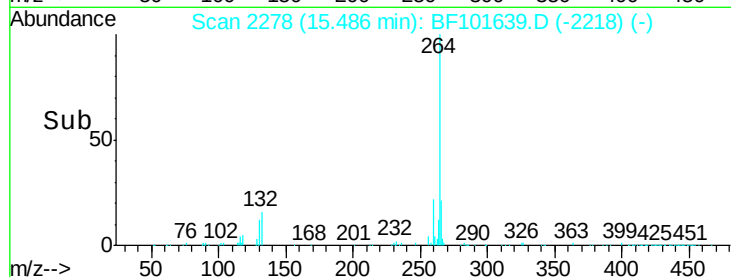
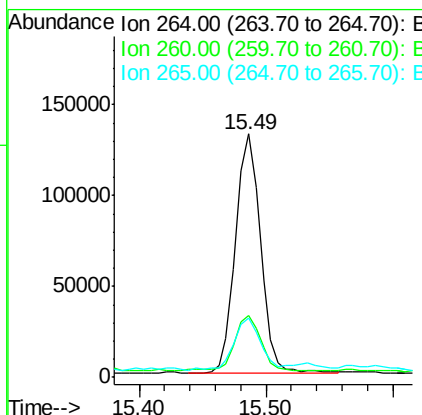
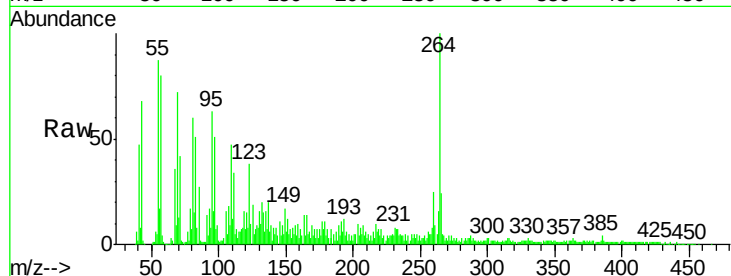




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.05 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

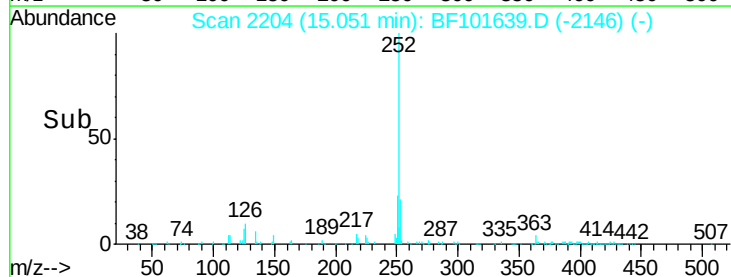
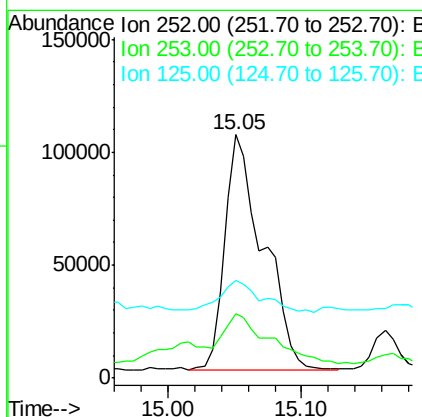
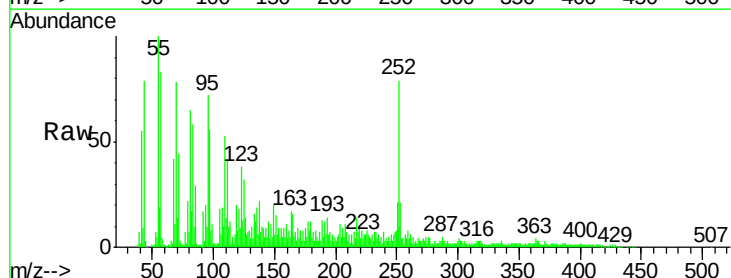
Instrument :
BNA_F
ClientSampleId :

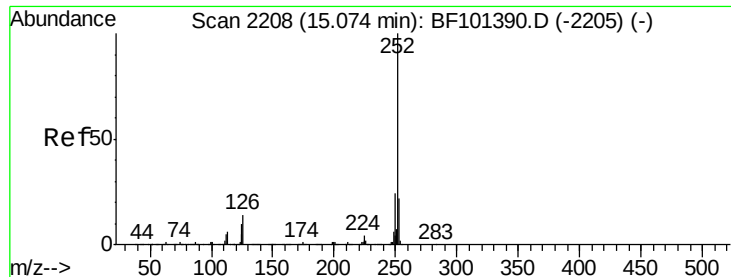
Tot Ion:264 Resp: 179400
Ion Ratio Lower Upper
264 100
260 25.5 19.2 28.8
265 24.3 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 19.020 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.04 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion:252 Resp: 207981
Ion Ratio Lower Upper
252 100
253 26.7 17.0 25.6#
125 40.3 9.0 13.6#

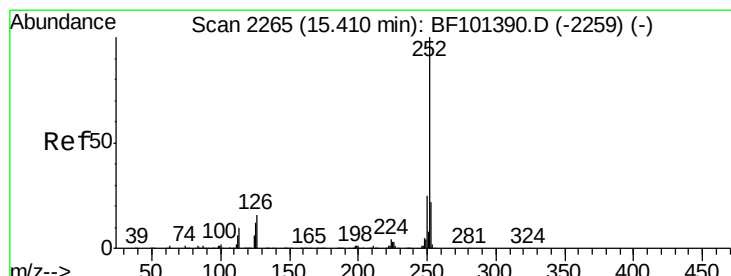
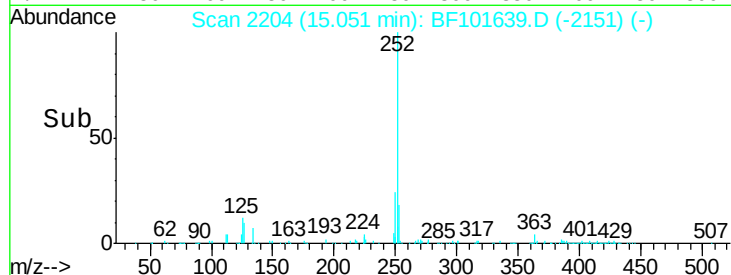
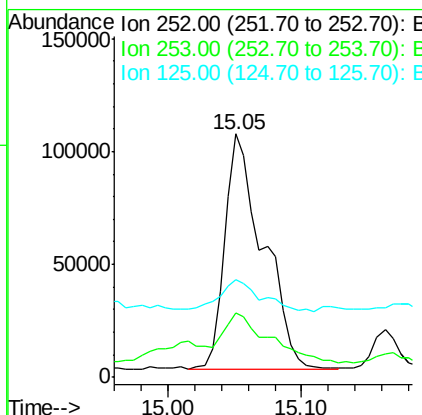
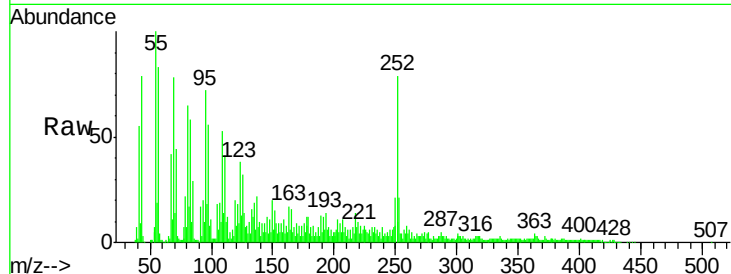




#88
Benzo(k)fluoranthene
Concen: 19.562 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

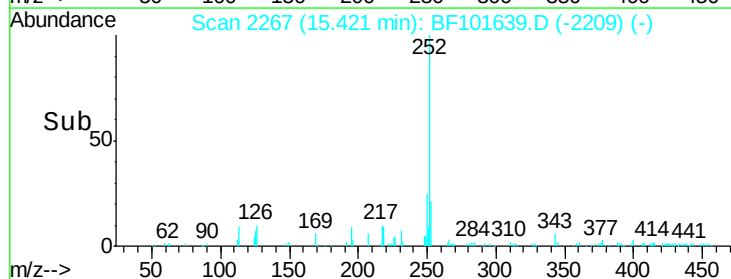
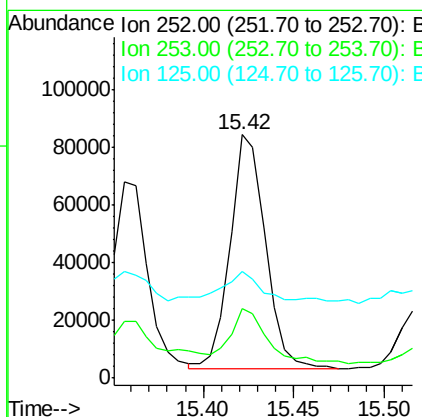
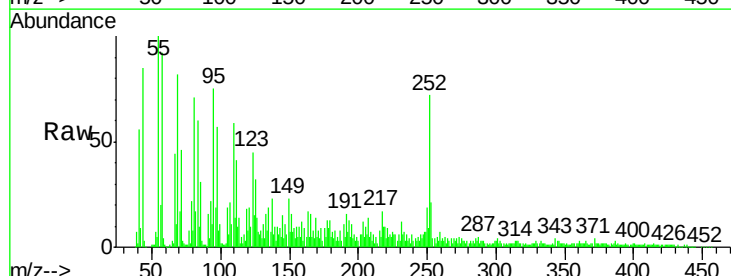
Instrument :
BNA_F
ClientSampleId :

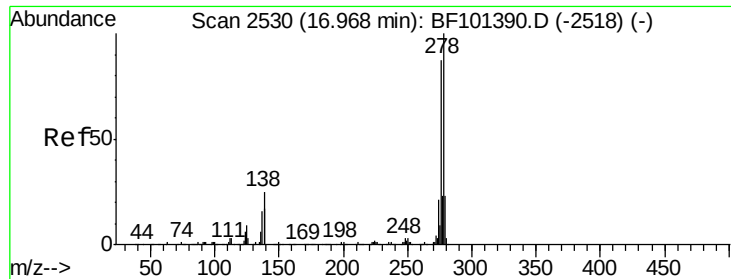
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.9	26.9
125	40.3	10.2	15.2#



#89
Benzo(a)pyrene
Concen: 10.987 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.04 min
Lab File: BF101639.D
Acq: 22 Dec 2017 7:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.1	25.7#
125	43.7	9.8	14.6#





#90

Dibenzo(a,h)anthracene

Concen: 2.348 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.05 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

Instrument :

BNA_F

ClientSampleId :

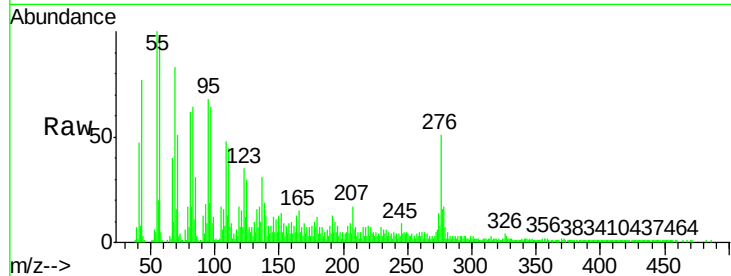
Tot Ion:278 Resp: 20322

Ion Ratio Lower Upper

278 100

139 77.9 15.9 23.9#

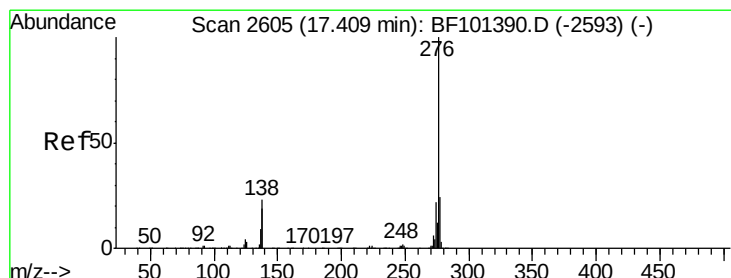
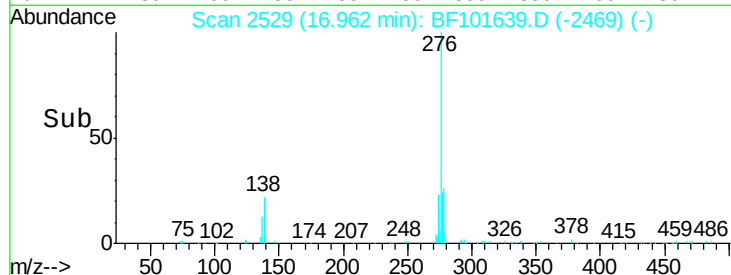
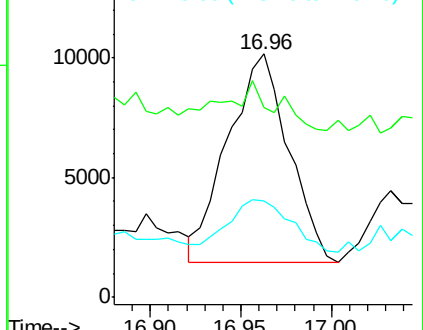
279 39.4 19.0 28.4#



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: 8.130 ng

RT: 17.42 min Scan# 2607

Delta R.T. 0.07 min

Lab File: BF101639.D

Acq: 22 Dec 2017 7:08

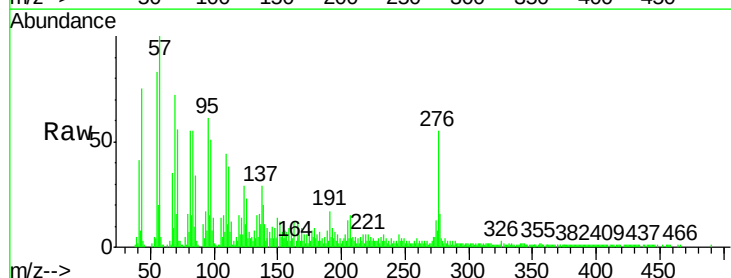
Tgt Ion:276 Resp: 69671

Ion Ratio Lower Upper

276 100

277 29.0 17.9 26.9#

138 36.4 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

