

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101659.D
 Acq On : 22 Dec 2017 17:53
 Operator : SJ/JU
 Sample : I6683-11 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-C

Quant Time: Dec 22 22:33:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	160025	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	605506	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	253516	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	428326	20.00	ng	0.00
75) Chrysene-d12	13.97	240	299874	20.00	ng	0.00
86) Perylene-d12	15.43	264	312268	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	505408	47.05	ng	0.00
7) Phenol-d6	6.43	99	619783	46.36	ng	0.00
23) Nitrobenzene-d5	7.36	82	376164	34.58	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	110857	45.38	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	593671	36.33	ng	0.00
78) Terphenyl-d14	12.90	244	445841	35.84	ng	0.00

Target Compounds

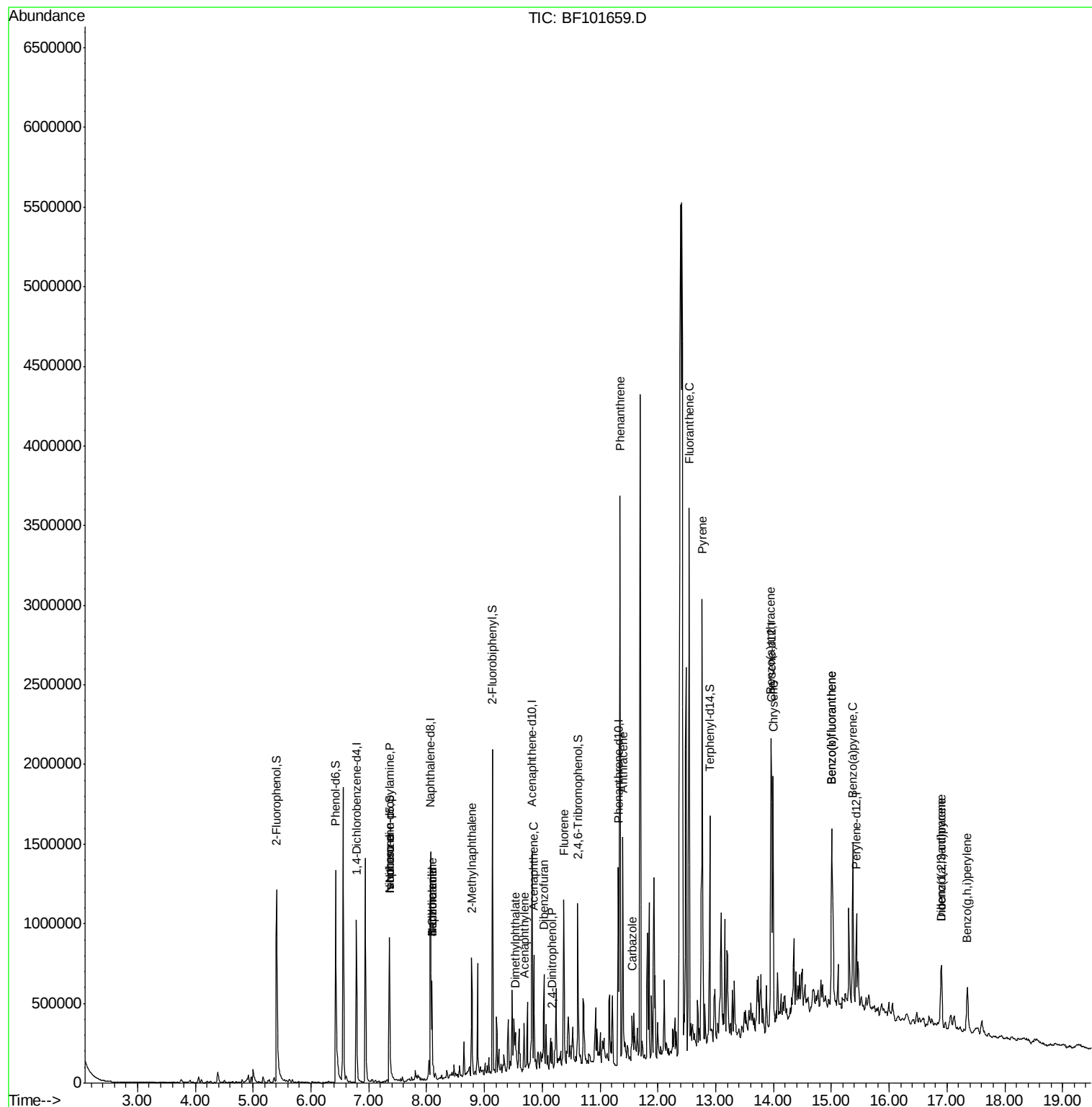
						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	51786	5.898	ng	# 82
25) Isophorone	7.36	82	376162	17.239	ng	# 64
31) Naphthalene	8.09	128	298109	9.779	ng	98
32) Benzoic acid	8.09	122	639	8.051	ng	# 1
33) 4-Chloroaniline	8.09	127	38610	2.914	ng	# 35
37) 2-Methylnaphthalene	8.78	142	193330	9.734	ng	98
48) Acenaphthylene	9.69	152	77632	2.857	ng	# 97
49) Dimethylphthalate	9.54	163	69499	3.408	ng	99
51) Acenaphthene	9.86	154	141554	8.671	ng	99
53) 2,4-Dinitrophenol	10.18	184	403	10.563	ng	# 74
54) Dibenzofuran	10.03	168	178067	8.583	ng	# 95
57) Fluorene	10.37	166	284667	16.220	ng	99
70) Phenanthrene	11.35	178	1394913	58.561	ng	98
71) Anthracene	11.39	178	530177	21.790	ng	99
72) Carbazole	11.56	167	95822	4.206	ng	97
74) Fluoranthene	12.54	202	1500409	60.011	ng	98
77) Pyrene	12.77	202	1389898	61.758	ng	99
80) Benzo(a)anthracene	13.96	228	753055	38.031	ng	99
82) Chrysene	13.99	228	587602	31.429	ng	96
85) Indeno(1,2,3-cd)pyrene	16.90	276	263732	15.841	ng	# 91
87) Benzo(b)fluoranthene	15.01	252	891147	46.820	ng	97
88) Benzo(k)fluoranthene	15.01	252	890865	48.140	ng	100
89) Benzo(a)pyrene	15.37	252	515138	29.359	ng	98
90) Dibenzo(a,h)anthracene	16.90	278	67077	4.453	ng	# 89
91) Benzo(g,h,i)perylene	17.35	276	244098	16.363	ng	93

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

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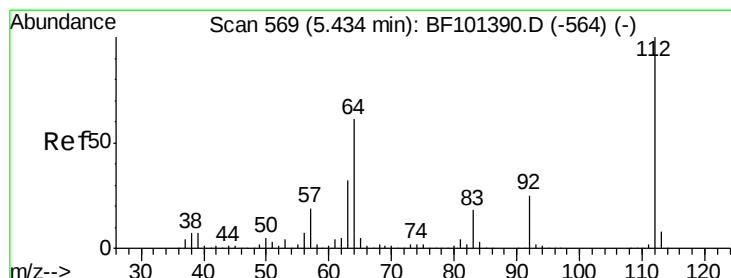
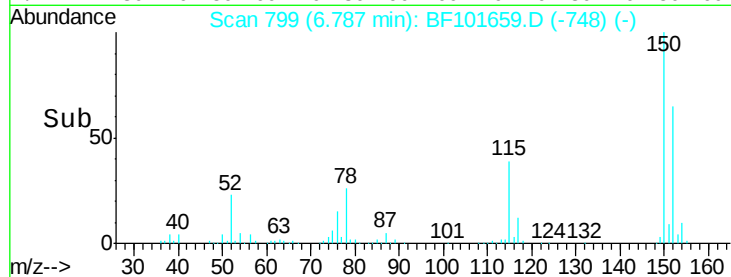
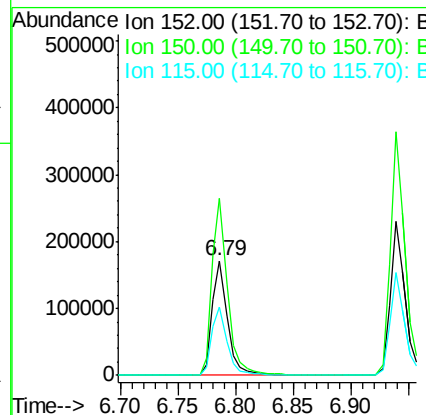
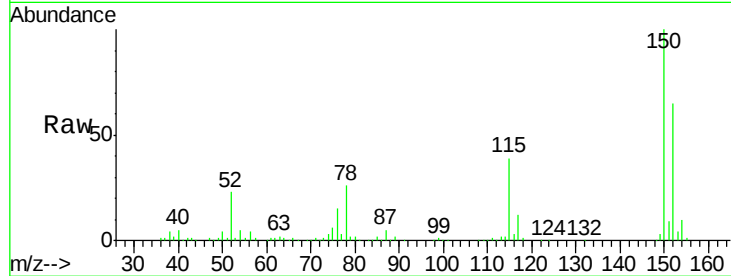


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101659.D
 Acq: 22 Dec 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-C

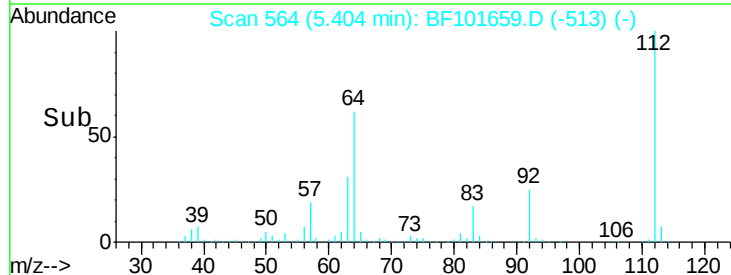
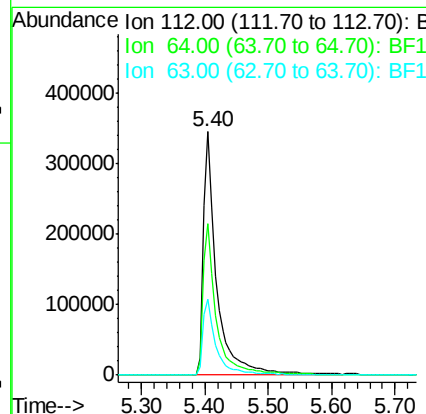
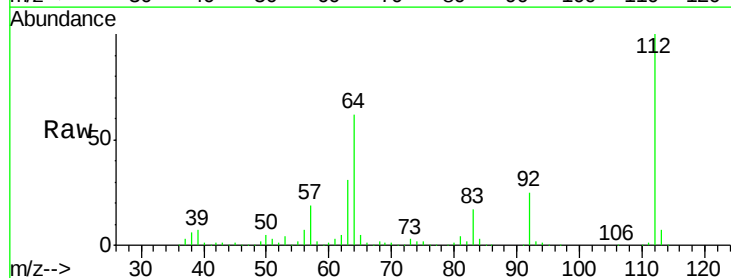
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	59.5	50.1	75.1

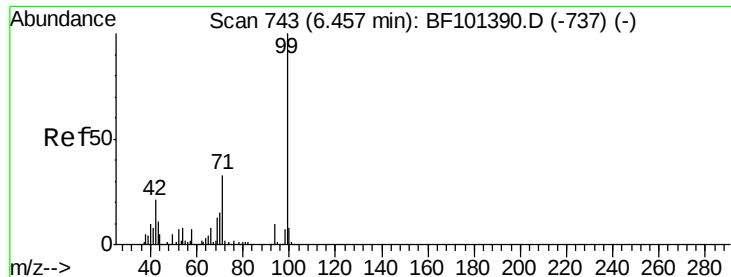


#5

2-Fluorophenol
 Concen: 47.045 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF101659.D
 Acq: 22 Dec 2017 17:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.9	71.9
63	31.3	23.7	35.5





#7

Phenol-d6

Concen: 46.356 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-C

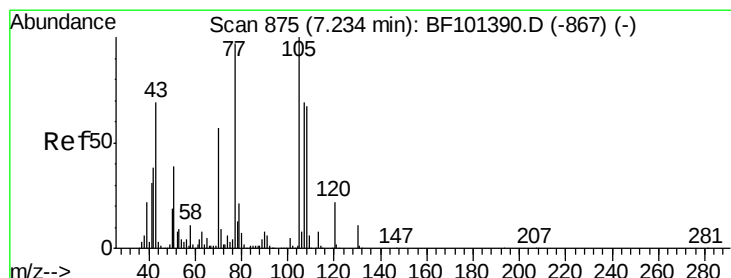
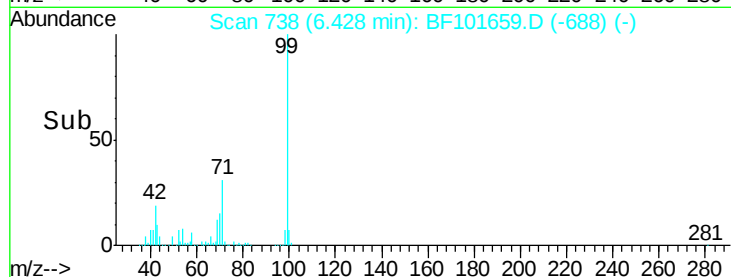
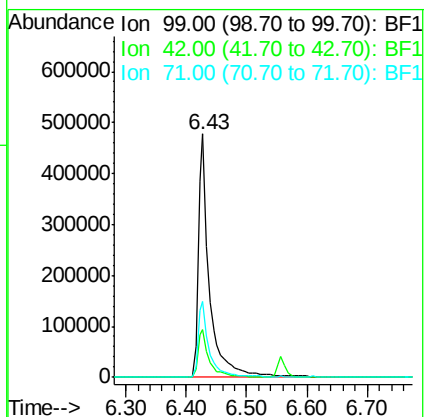
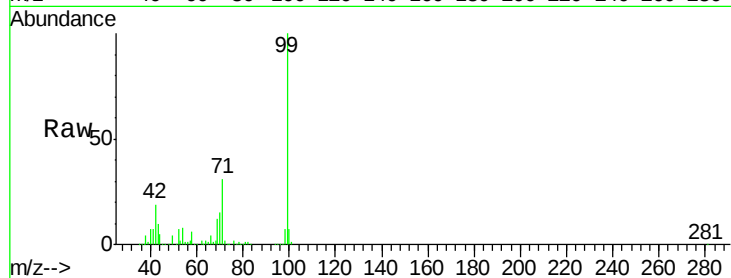
Tot Ion: 99 Resp: 619783

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 31.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.898 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

Tgt Ion: 70 Resp: 51786

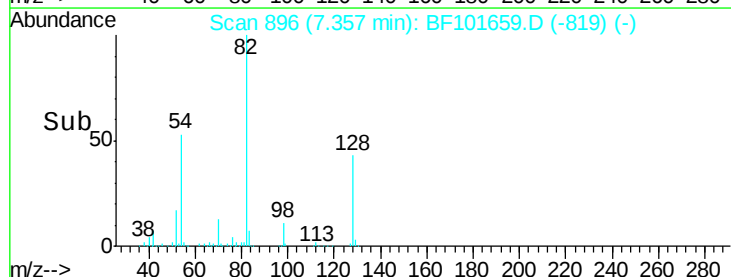
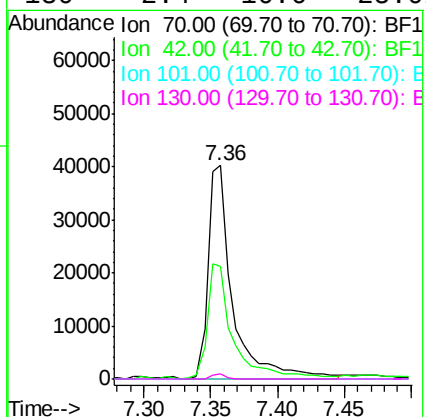
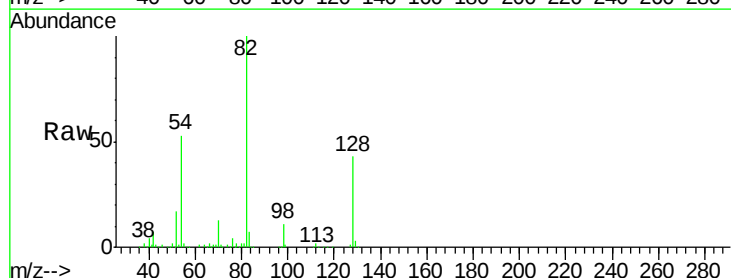
Ion Ratio Lower Upper

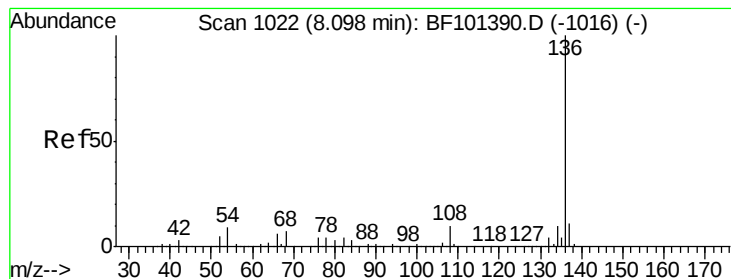
70 100

42 52.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-C

Tot Ion:136 Resp: 605506

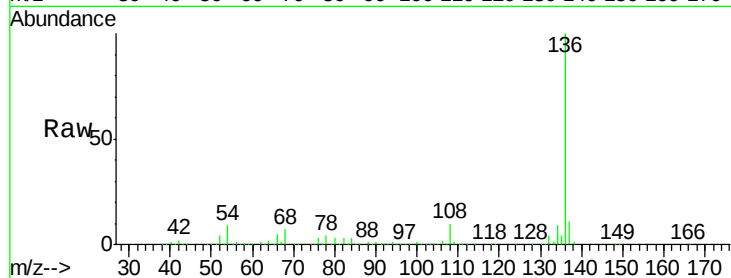
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.1 6.6 9.8

68 6.6 5.0 7.4

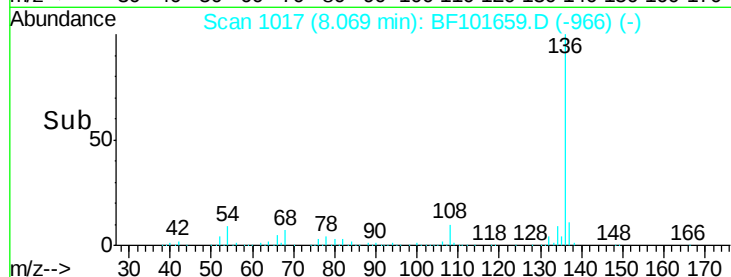


Abundance Ion 136.00 (135.70 to 136.70): E

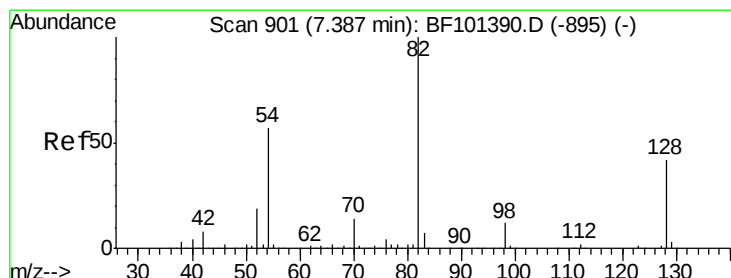
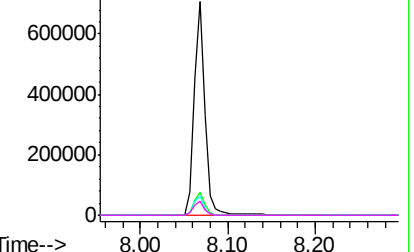
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 34.582 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

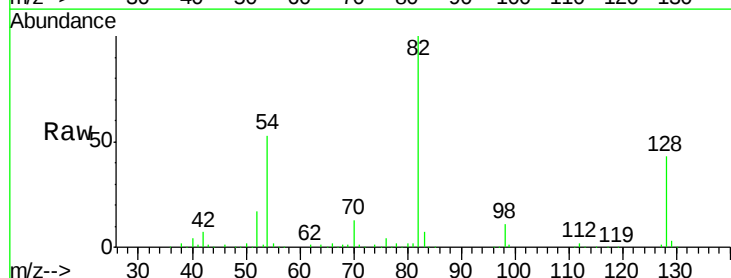
Tgt Ion: 82 Resp: 376164

Ion Ratio Lower Upper

82 100

128 43.5 36.1 54.1

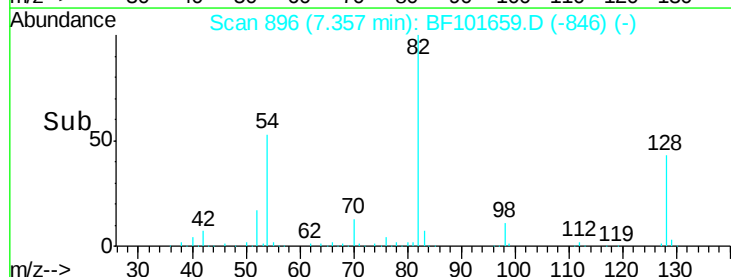
54 53.1 41.4 62.2



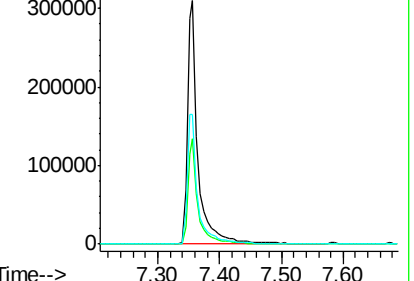
Abundance Ion 82.00 (81.70 to 82.70): BF1

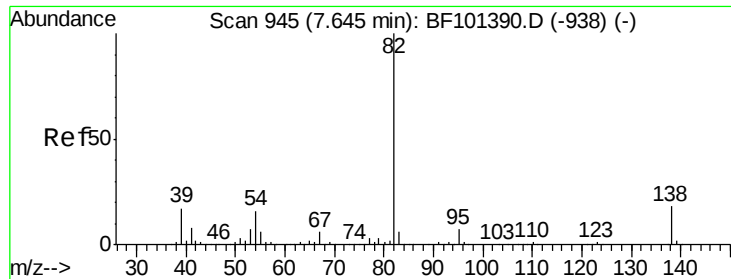
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#25

Isophorone

Concen: 17.239 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-C

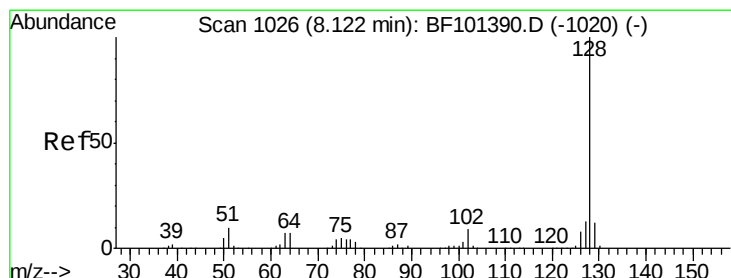
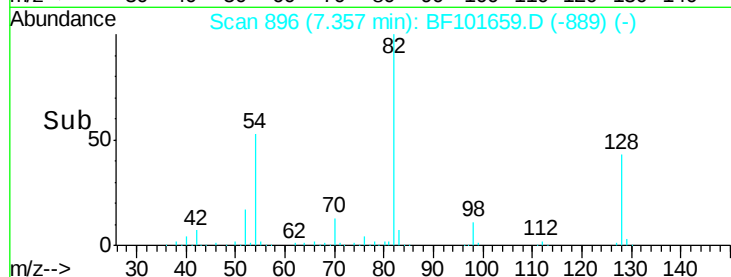
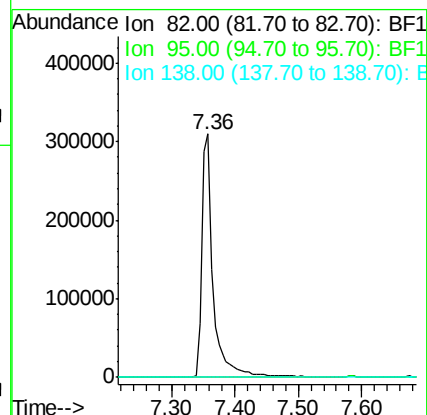
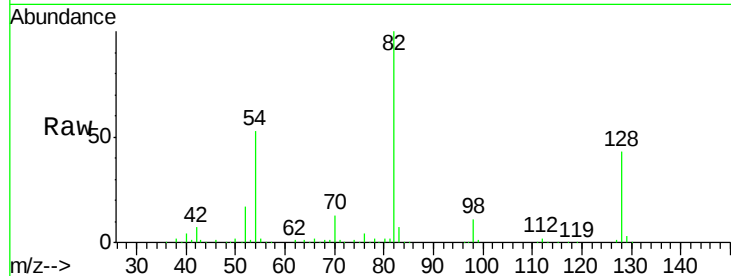
Tot Ion: 82 Resp: 376162

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#31

Naphthalene

Concen: 9.779 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

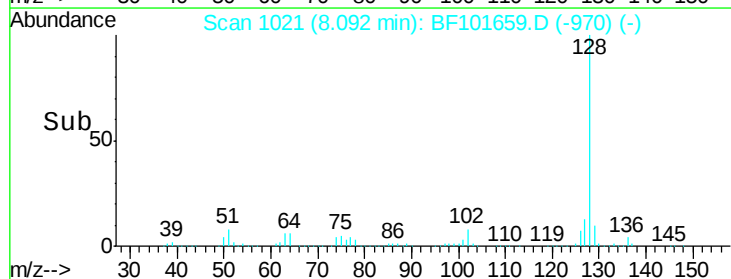
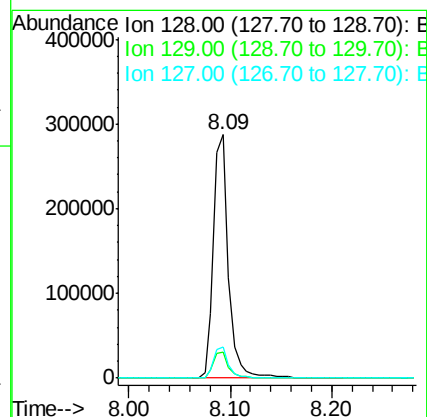
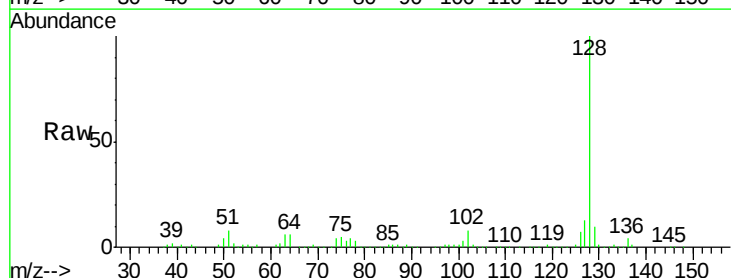
Tgt Ion: 128 Resp: 298109

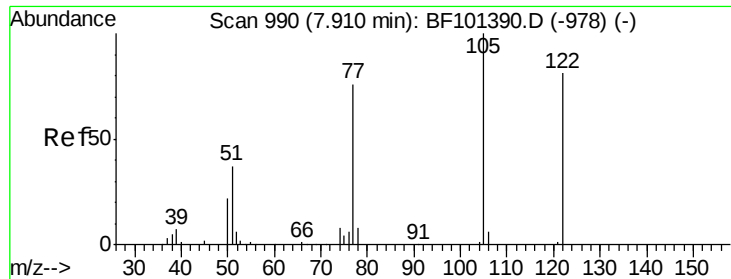
Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

127 12.9 10.9 16.3

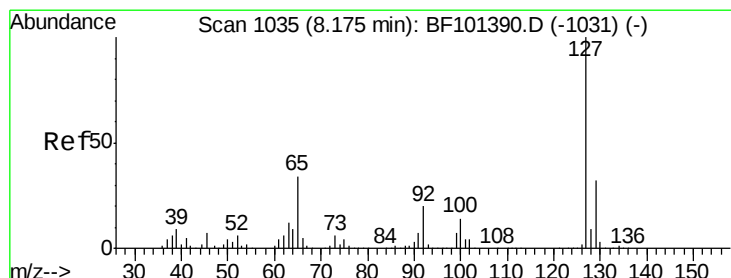
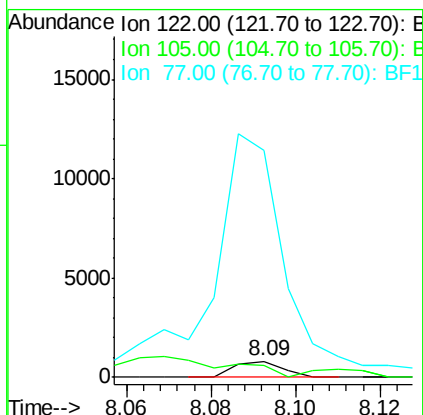
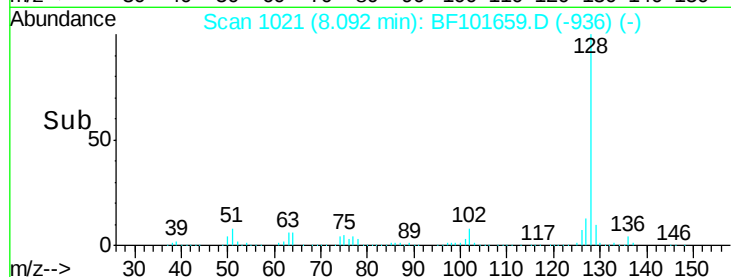
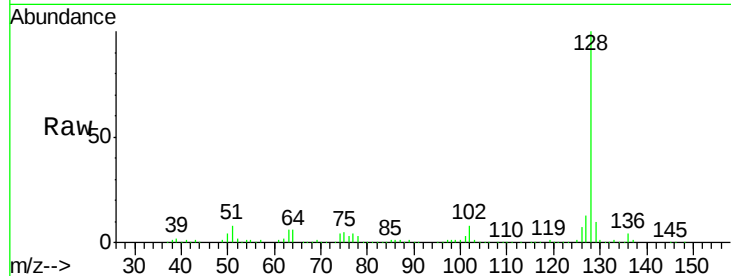




#32
Benzoic acid
Concen: 8.051 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.20 min
Lab File: BF101659.D
Acq: 22 Dec 2017 17:53

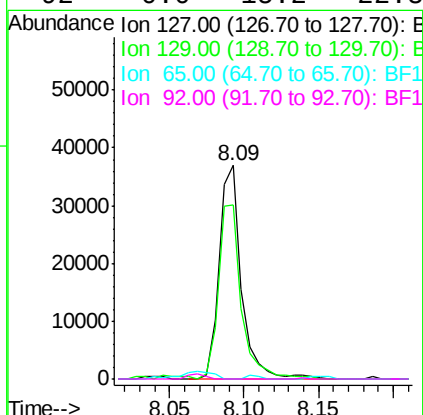
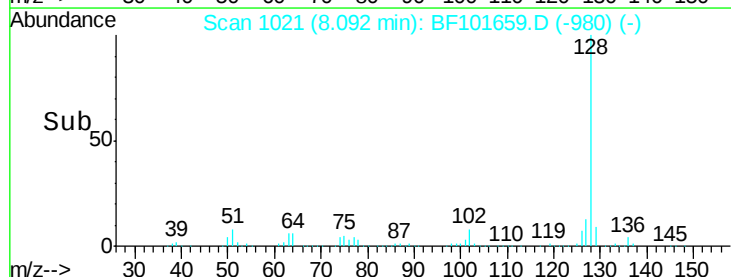
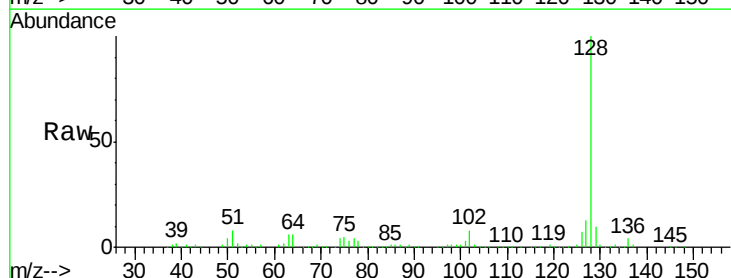
Instrument :
BNA_F
ClientSampleId :
EO-02-122017-C

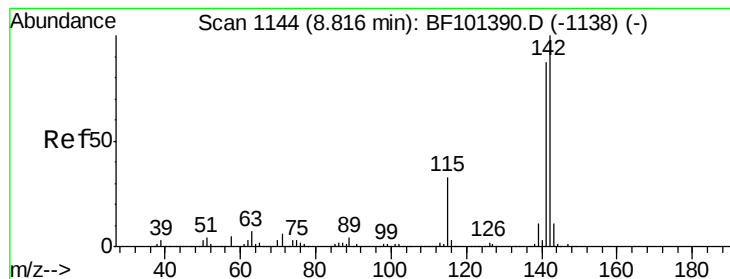
Tot Ion:122 Resp: 639
Ion Ratio Lower Upper
122 100
105 76.9 101.1 141.1#
77 1413.6 70.7 110.7#



#33
4-Chloroaniline
Concen: 2.914 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF101659.D
Acq: 22 Dec 2017 17:53

Tgt Ion:127 Resp: 38610
Ion Ratio Lower Upper
127 100
129 81.5 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#





#37

2-Methylnaphthalene

Concen: 9.734 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-C

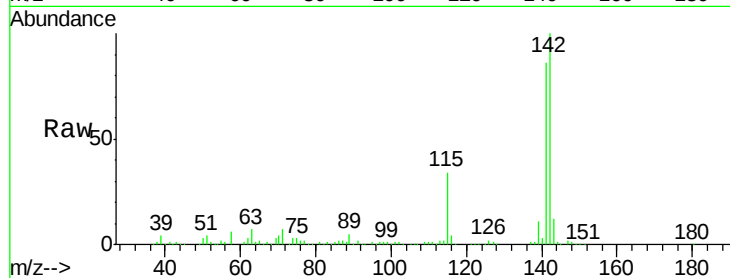
Tot Ion:142 Resp: 193330

Ion Ratio Lower Upper

142 100

141 86.3 70.8 106.2

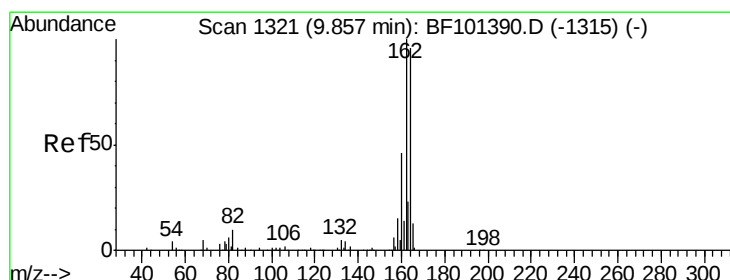
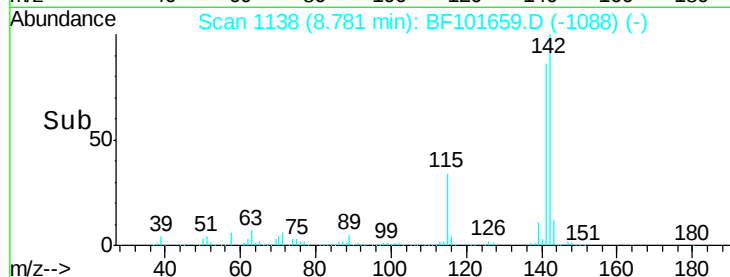
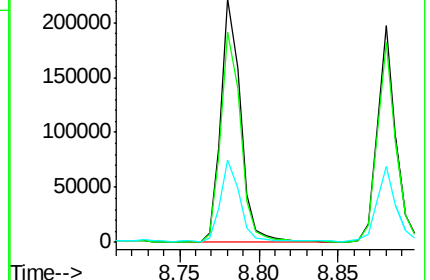
115 34.0 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

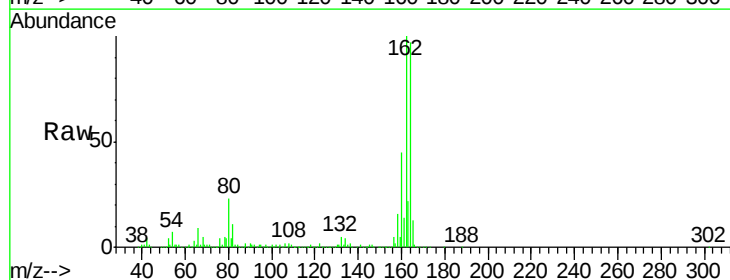
Tgt Ion:164 Resp: 253516

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

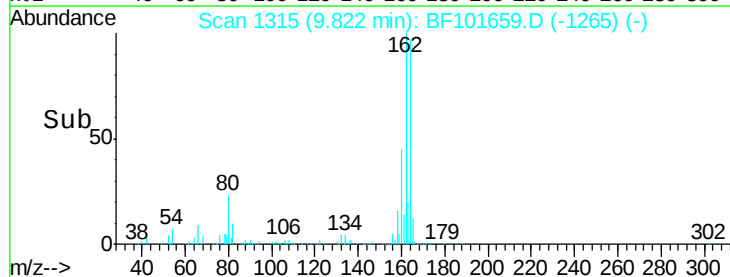
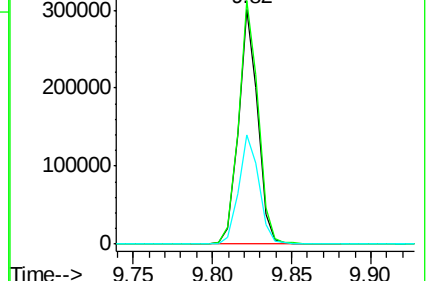
160 46.5 38.3 57.5

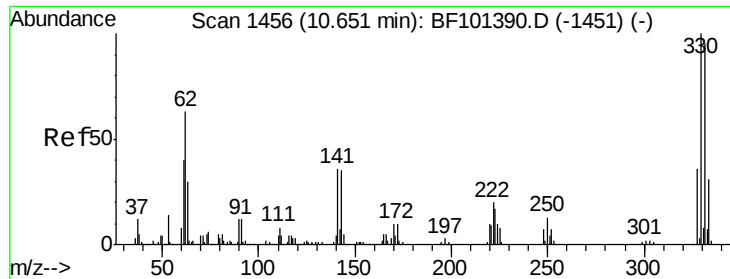


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 45.381 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-C

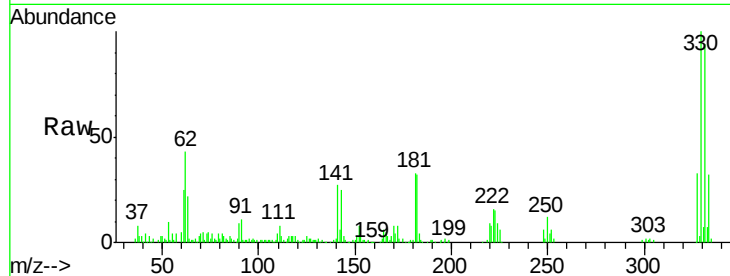
Tot Ion:330 Resp: 110857

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

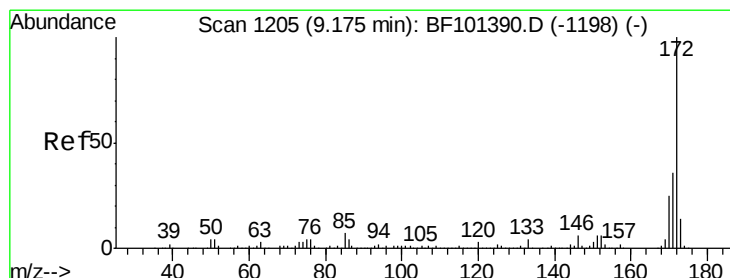
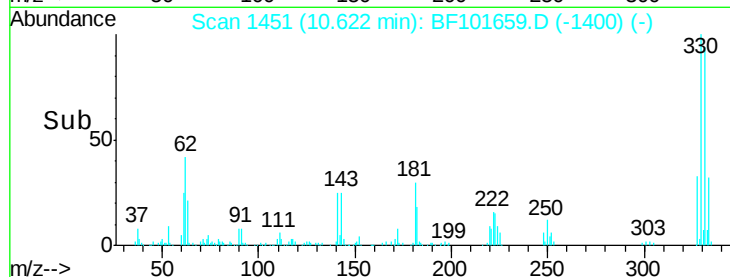
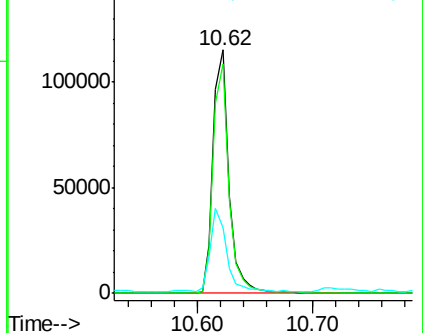
141 36.9 29.9 44.9



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: 36.326 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

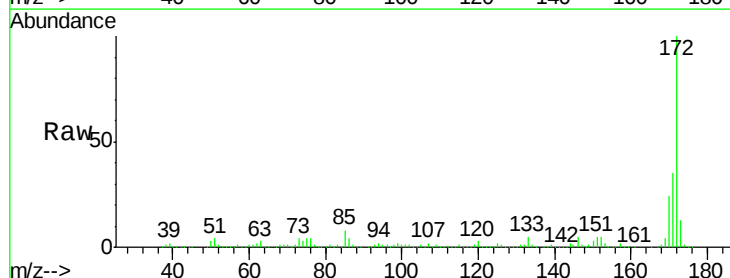
Tgt Ion:172 Resp: 593671

Ion Ratio Lower Upper

172 100

171 35.5 29.7 44.5

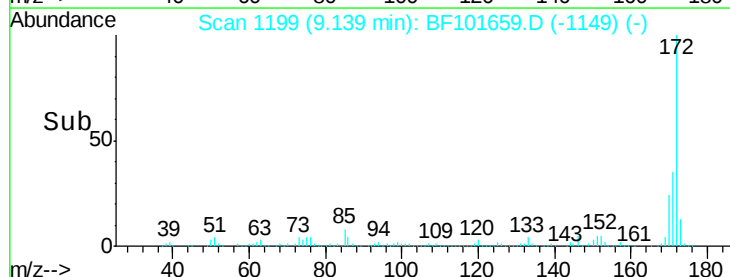
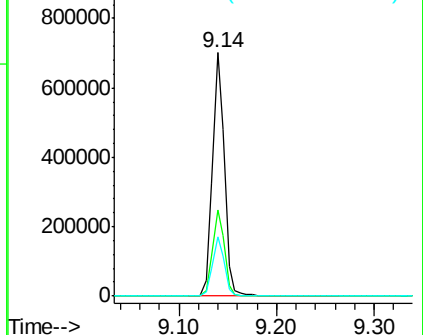
170 24.2 19.6 29.4

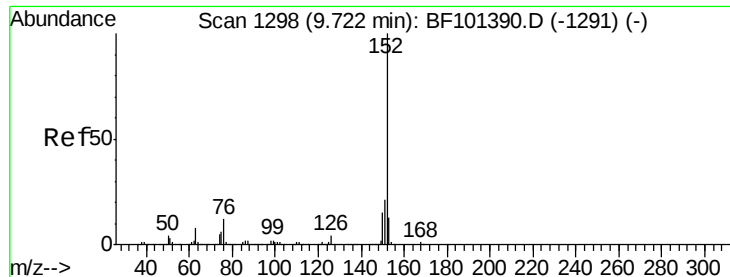


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 2.857 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-C

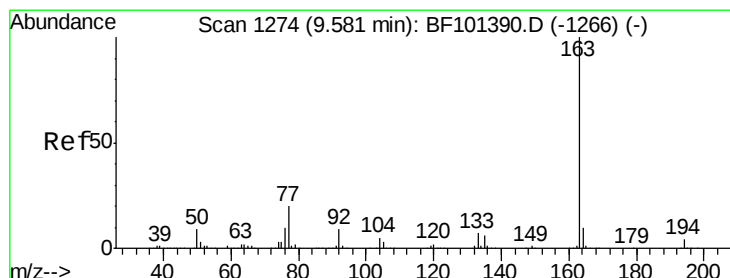
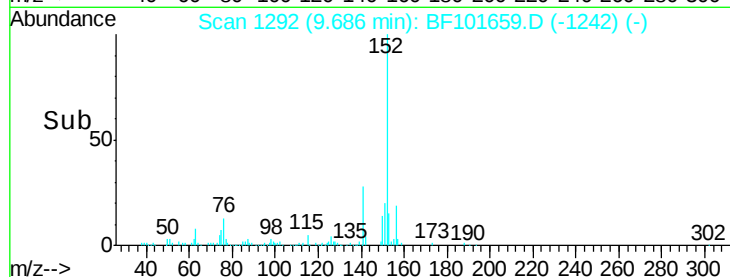
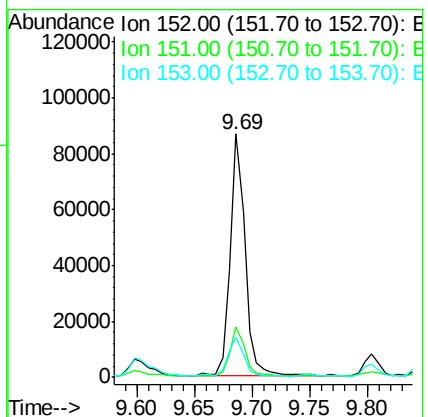
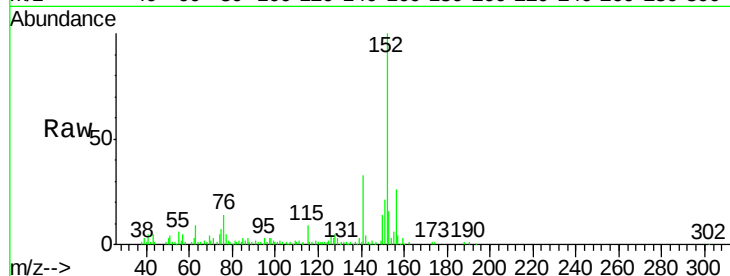
Tot Ion:152 Resp: 77632

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 16.2 10.7 16.1#



#49

Dimethylphthalate

Concen: 3.408 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

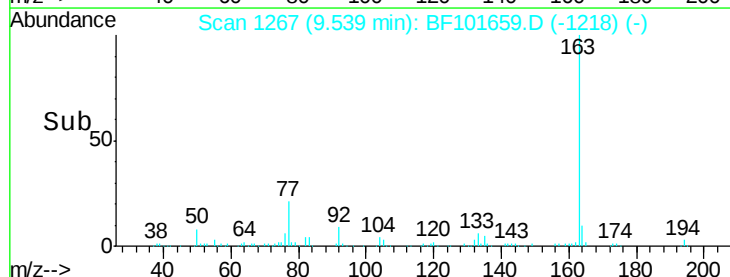
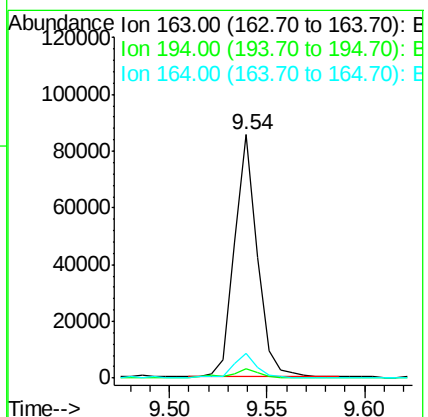
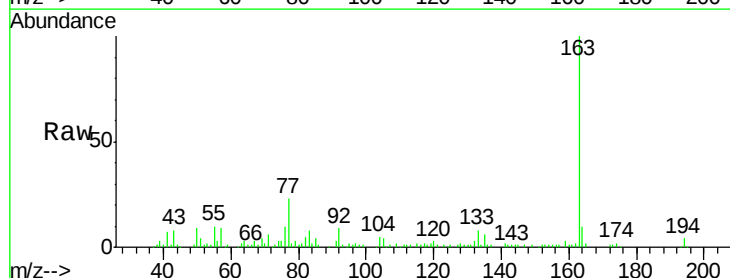
Tgt Ion:163 Resp: 69499

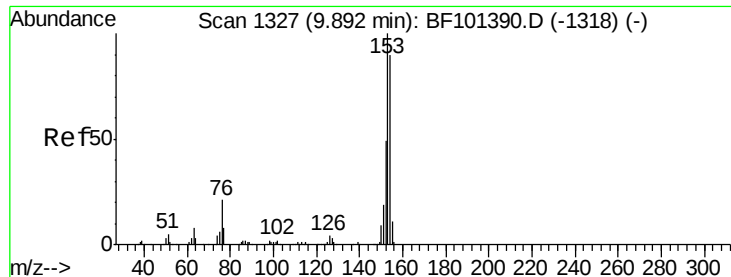
Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

164 10.3 8.2 12.2





#51

Acenaphthene

Concen: 8.671 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-C

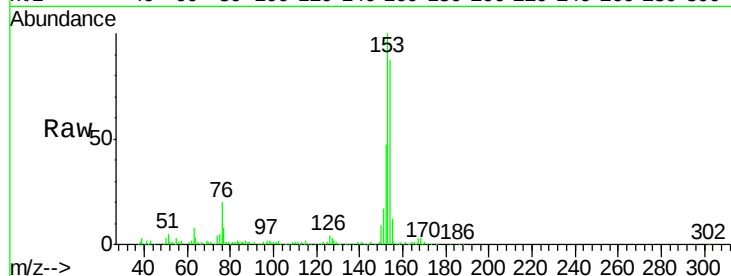
Tot Ion:154 Resp: 141554

Ion Ratio Lower Upper

154 100

153 114.9 91.2 136.8

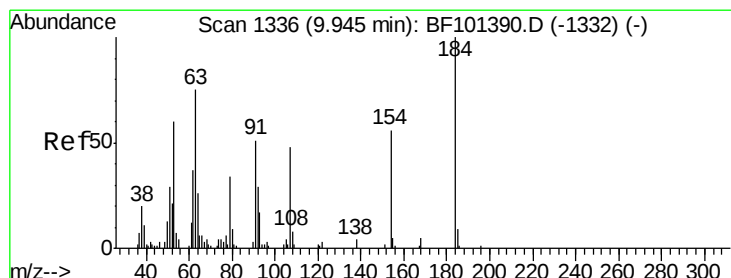
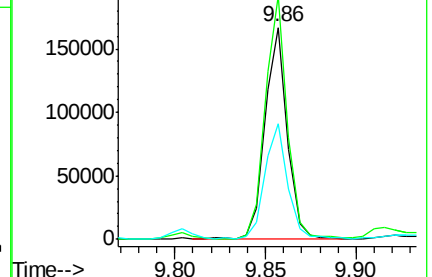
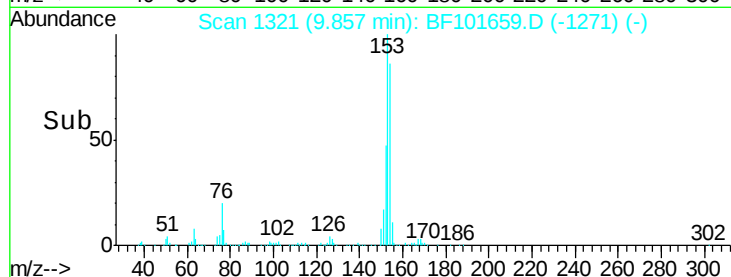
152 54.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 10.563 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.25 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

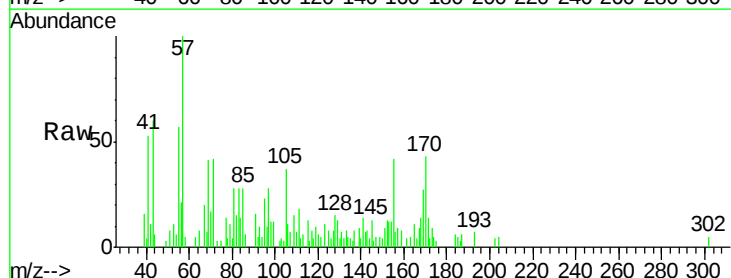
Tgt Ion:184 Resp: 403

Ion Ratio Lower Upper

184 100

63 83.8 54.2 81.2#

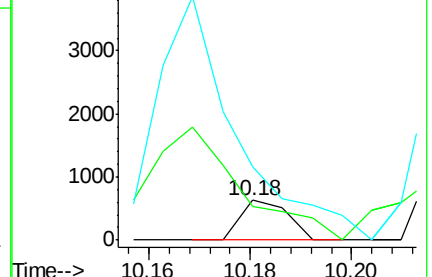
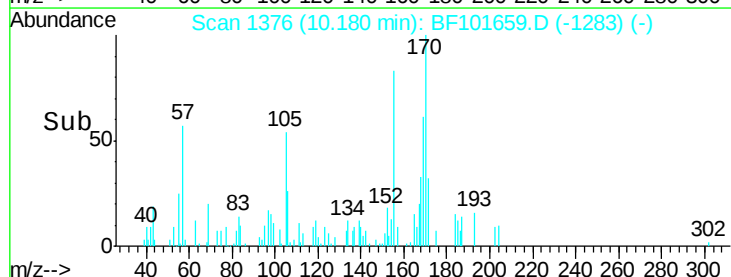
154 185.0 184.0 276.0

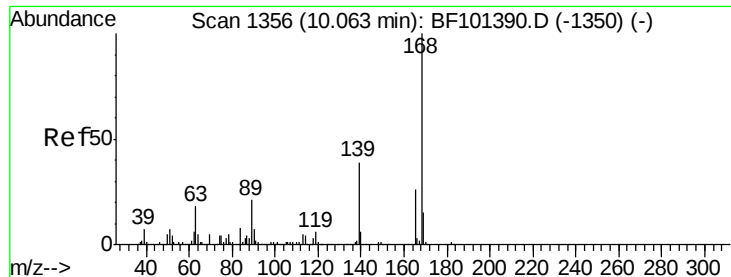


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 8.583 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-C

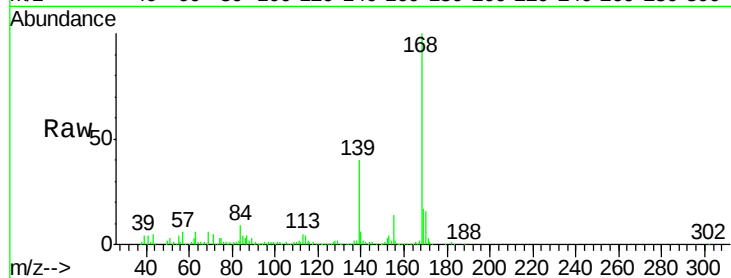
Tot Ion:168 Resp: 178067

Ion Ratio Lower Upper

168 100

139 39.9 30.1 45.1

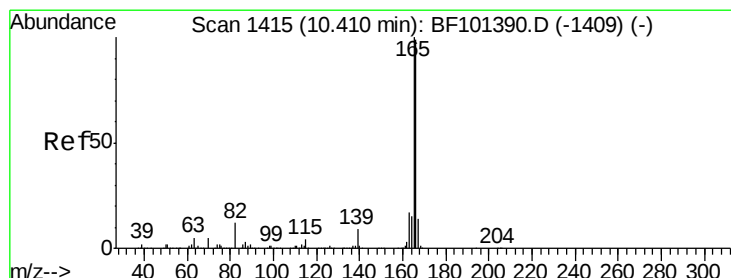
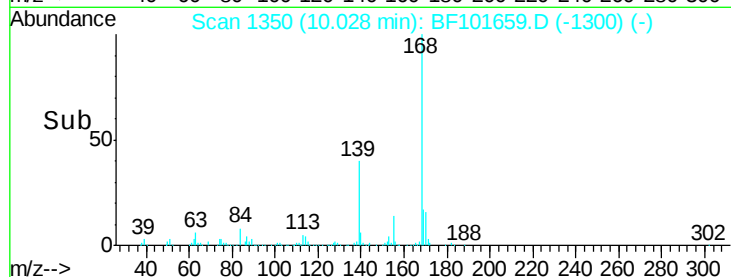
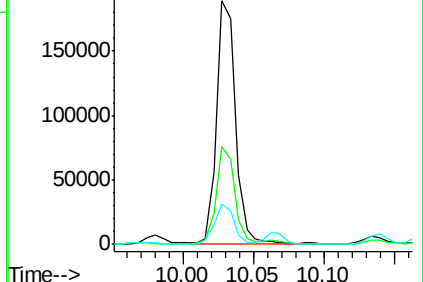
169 16.6 10.9 16.3#



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



#57

Fluorene

Concen: 16.220 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

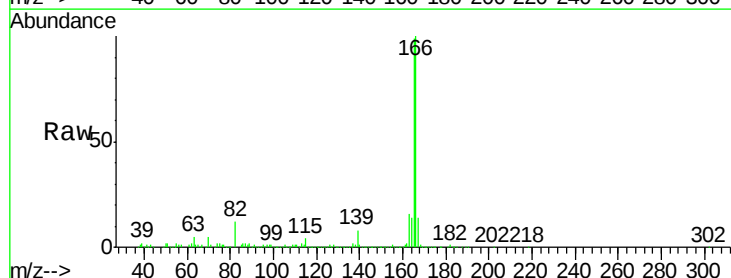
Tgt Ion:166 Resp: 284667

Ion Ratio Lower Upper

166 100

165 99.2 79.8 119.8

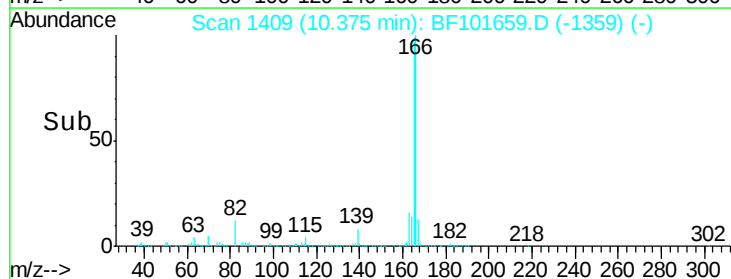
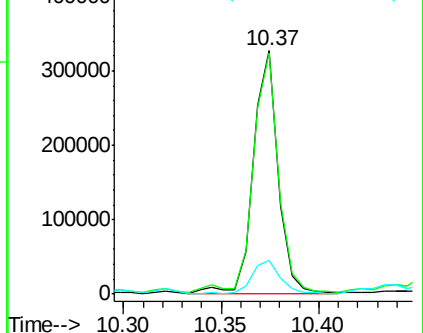
167 13.9 10.6 16.0

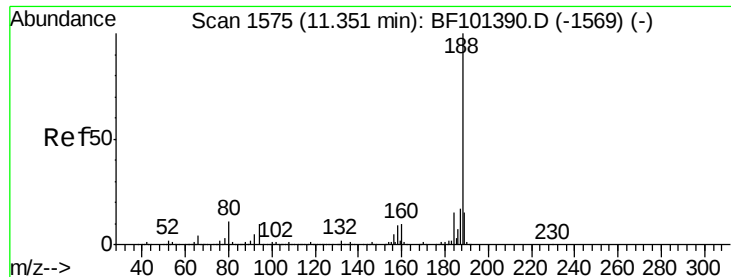


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

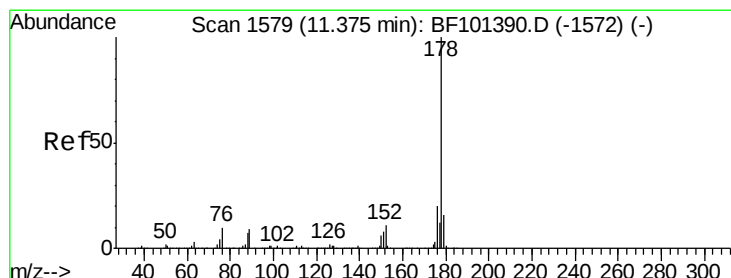
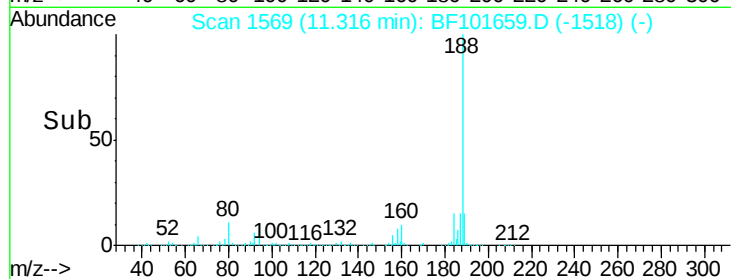
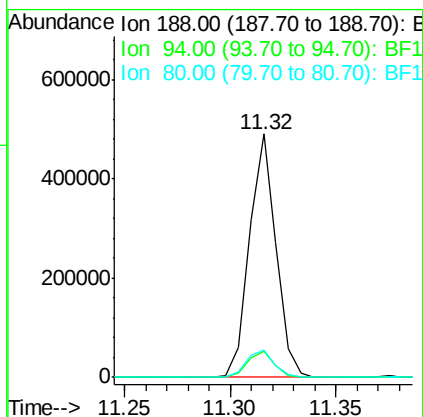
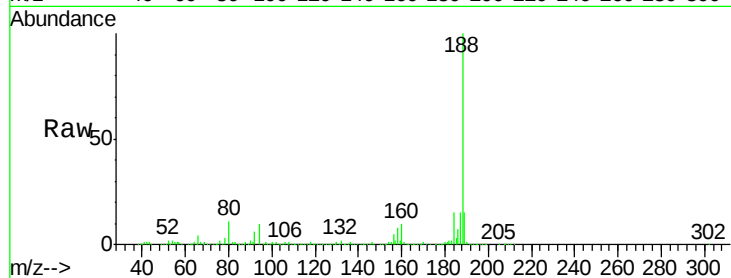




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101659.D
Acq: 22 Dec 2017 17:53

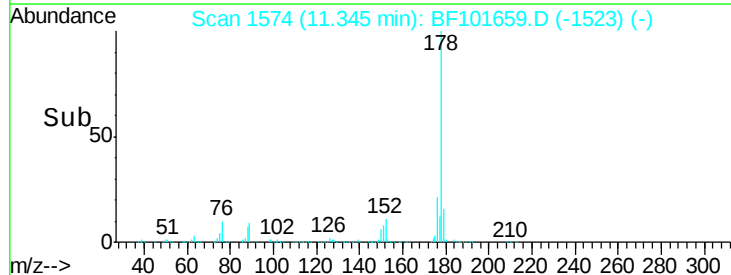
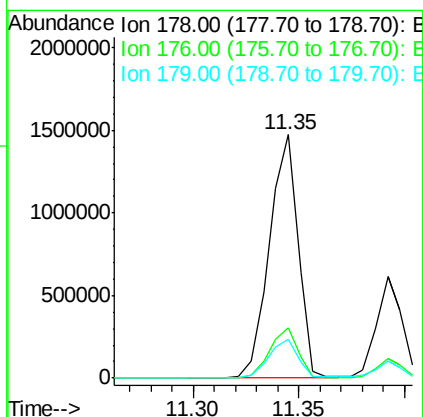
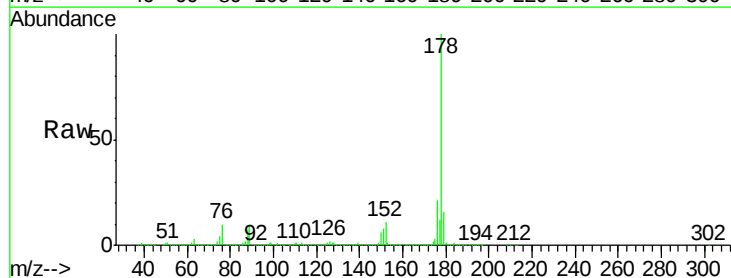
Instrument :
BNA_F
ClientSampleId :
EO-02-122017-C

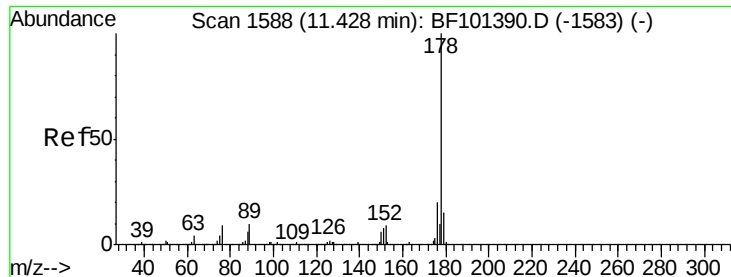
Tot Ion:188 Resp: 428326
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.3 9.2 13.8



#70
Phenanthrene
Concen: 58.561 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101659.D
Acq: 22 Dec 2017 17:53

Tgt Ion:178 Resp: 1394913
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.8
179 15.7 13.0 19.6

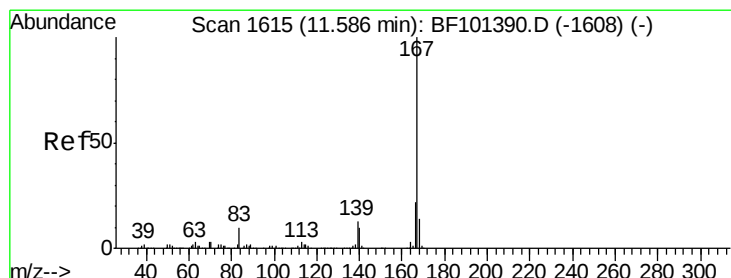
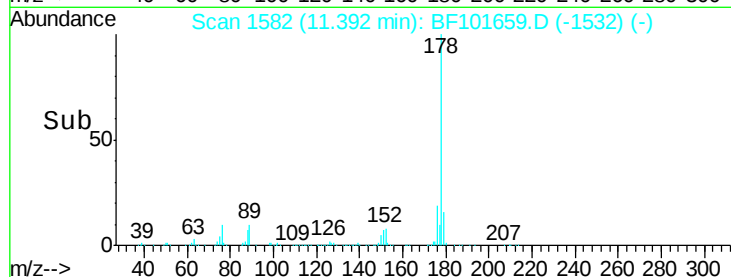
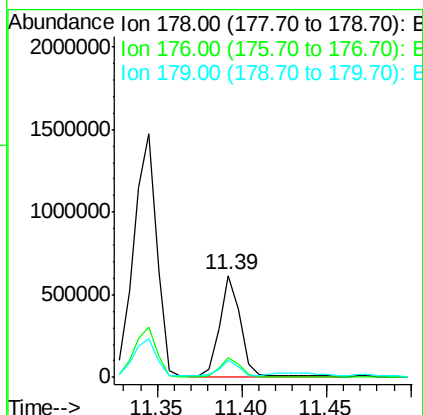
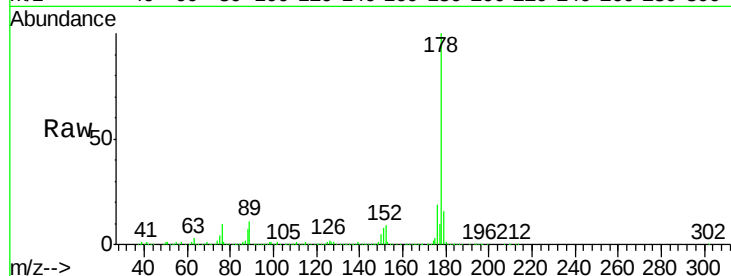




#71
 Anthracene
 Concen: 21.790 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF101659.D
 Acq: 22 Dec 2017 17:53

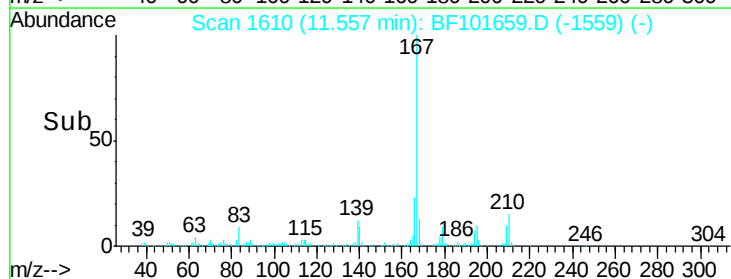
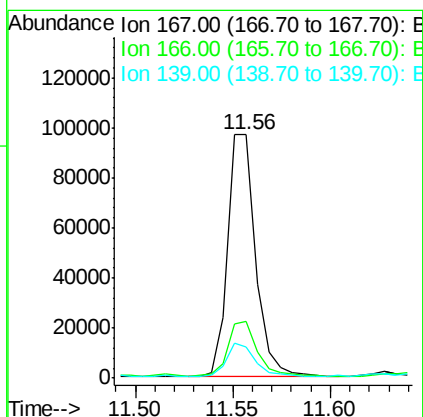
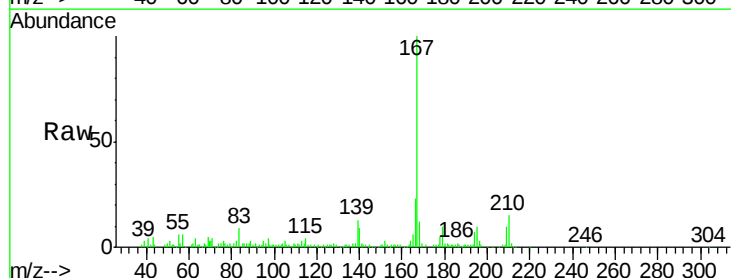
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-C

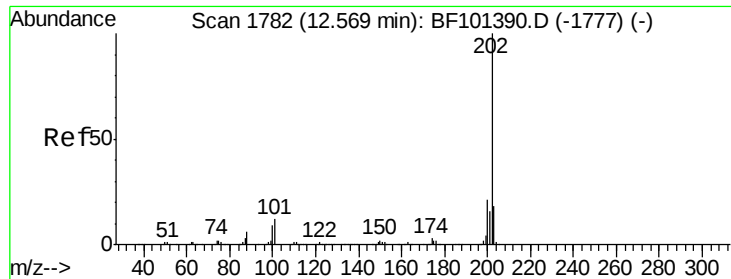
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	16.4	12.6	19.0



#72
 Carbazole
 Concen: 4.206 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF101659.D
 Acq: 22 Dec 2017 17:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.6	26.4
139	12.8	10.9	16.3

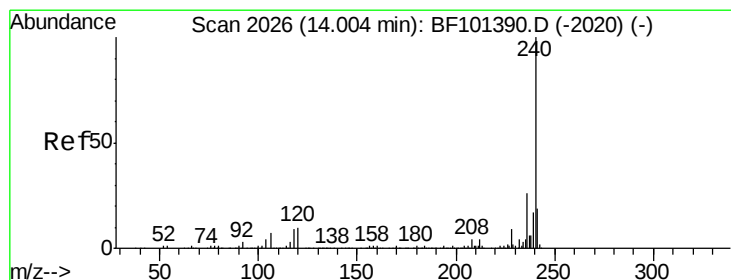
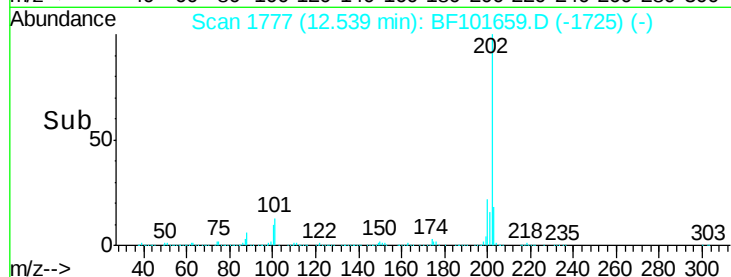
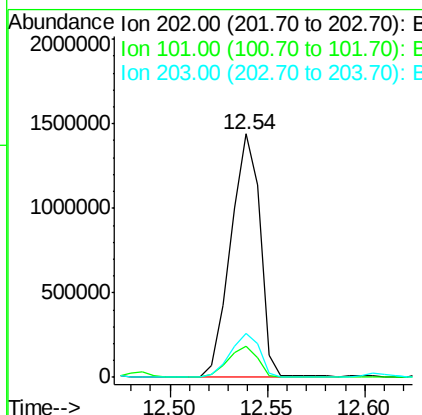
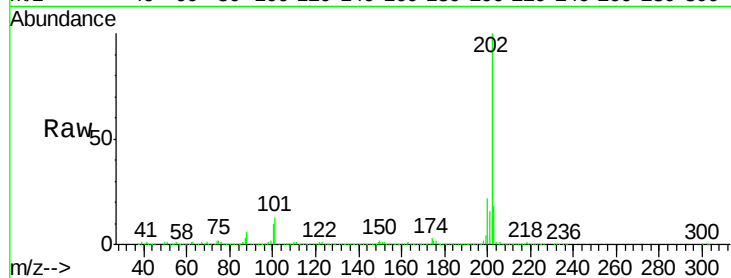




#74
Fluoranthene
Concen: 60.011 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101659.D
Acq: 22 Dec 2017 17:53

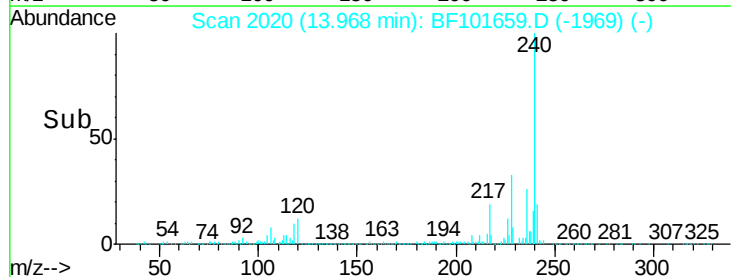
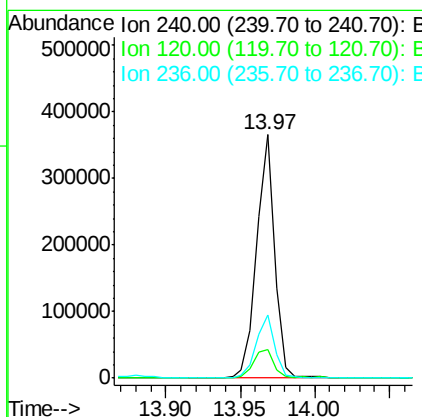
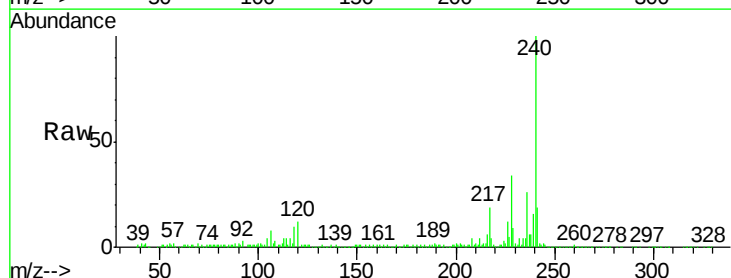
Instrument :
BNA_F
ClientSampleId :
EO-02-122017-C

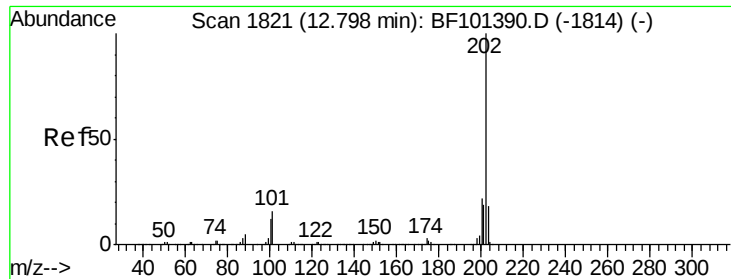
Tot Ion:202 Resp: 1500409
Ion Ratio Lower Upper
202 100
101 12.6 0.0 34.1
203 18.1 0.0 38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF101659.D
Acq: 22 Dec 2017 17:53

Tgt Ion:240 Resp: 299874
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 26.0 20.7 31.1





#77

Pvrene

Concen: 61.758 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-C

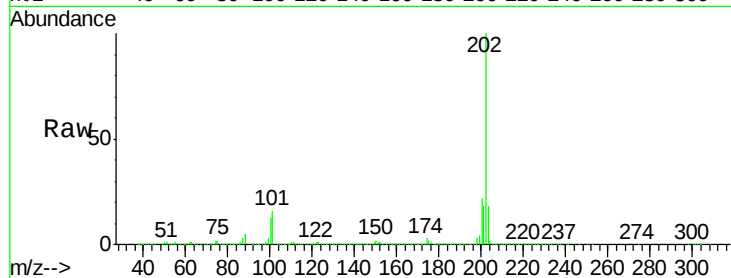
Tot Ion:202 Resp: 1389898

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

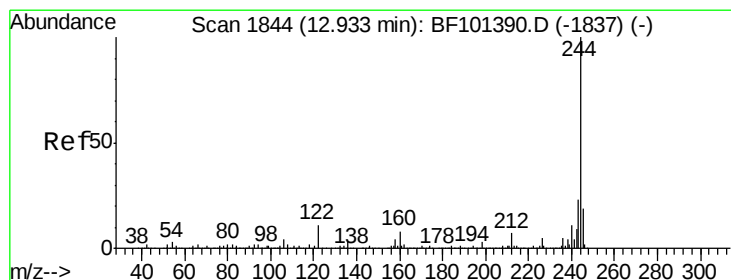
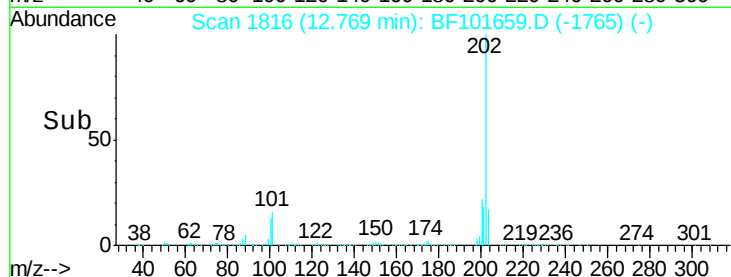
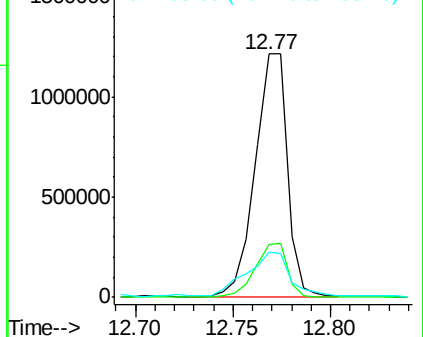
203 18.3 14.3 21.5



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: 35.842 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

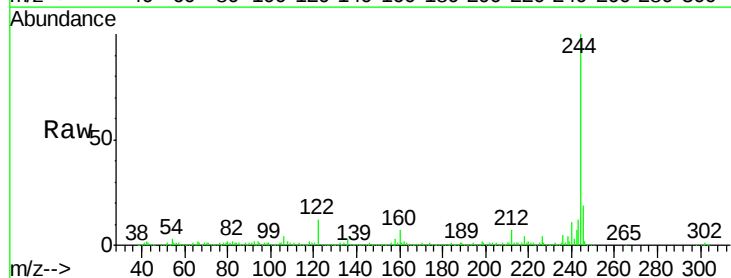
Tgt Ion:244 Resp: 445841

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

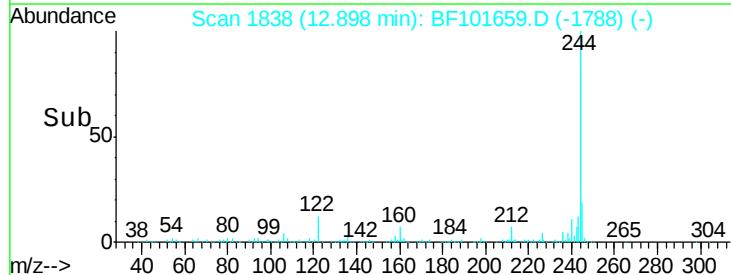
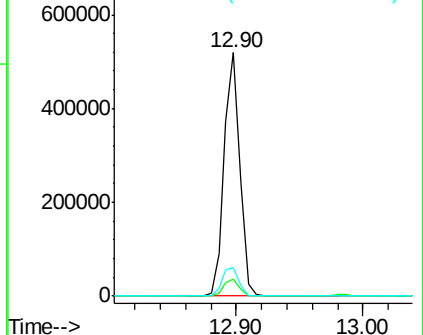
122 11.8 11.0 16.4

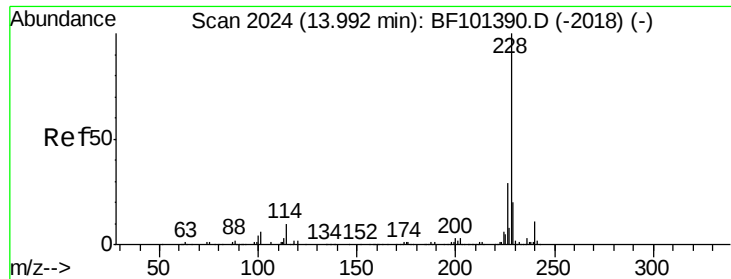


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

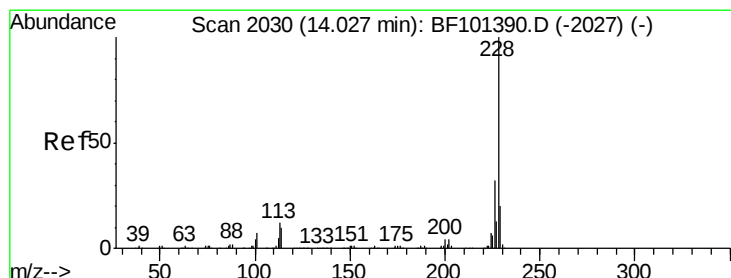
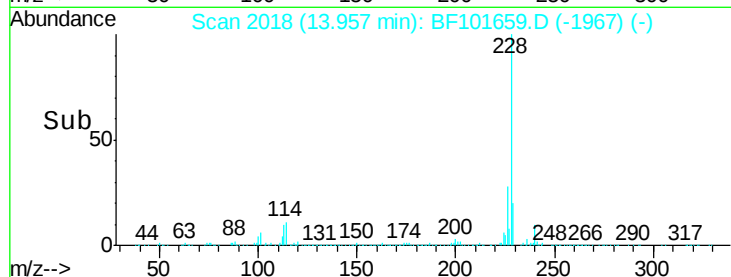
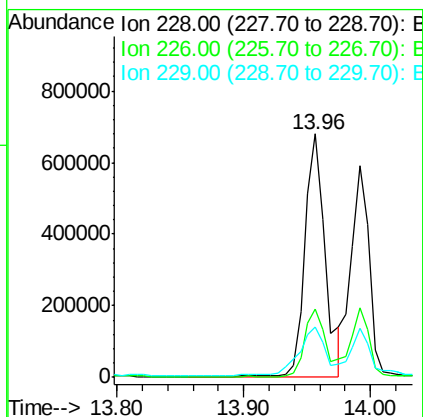
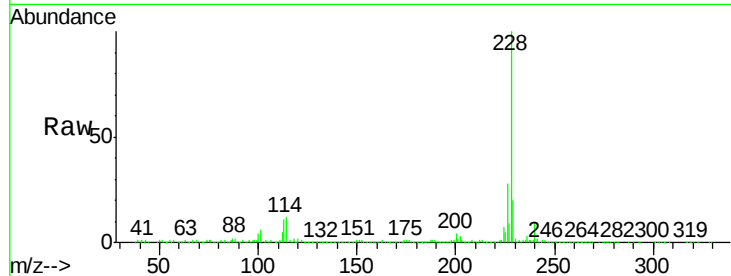




#80
Benzo(a)anthracene
Concen: 38.031 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101659.D
Acq: 22 Dec 2017 17:53

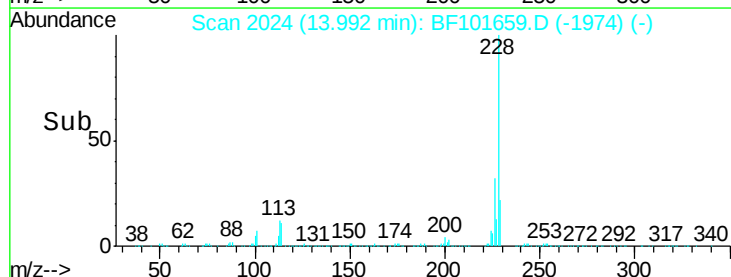
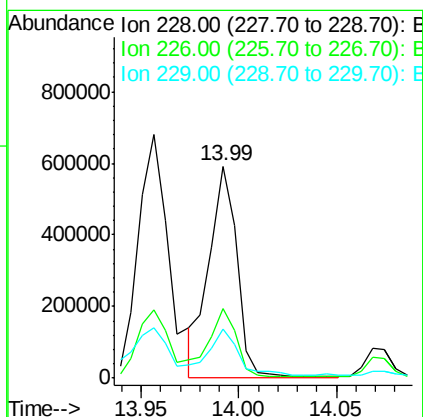
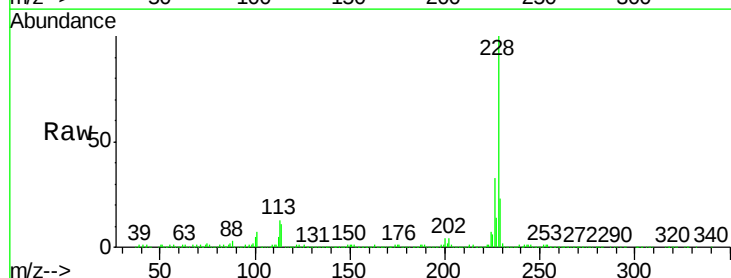
Instrument :
BNA_F
ClientSampleId :
EO-02-122017-C

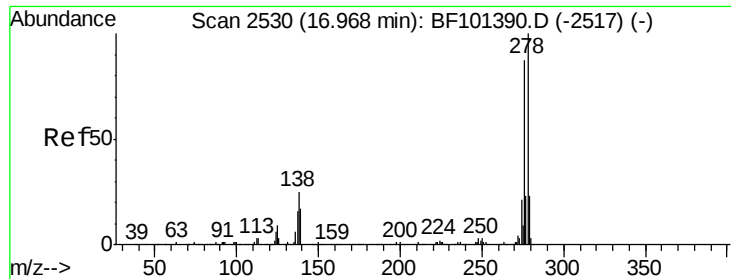
Tot Ion:228 Resp: 753055
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.4 15.8 23.6



#82
Chrysene
Concen: 31.429 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101659.D
Acq: 22 Dec 2017 17:53

Tgt Ion:228 Resp: 587602
Ion Ratio Lower Upper
228 100
226 32.7 25.0 37.6
229 23.3 16.2 24.4

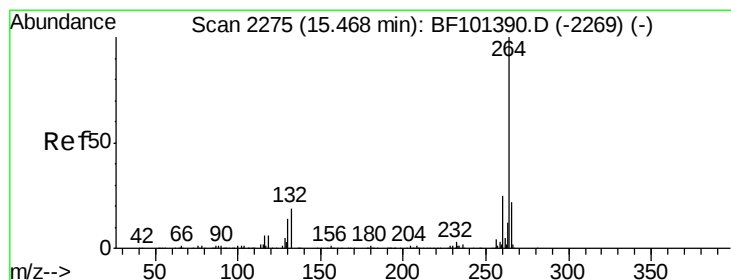
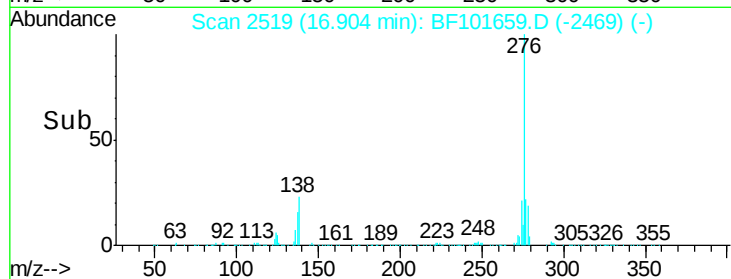
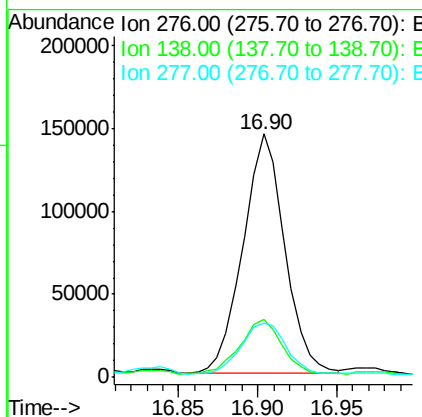
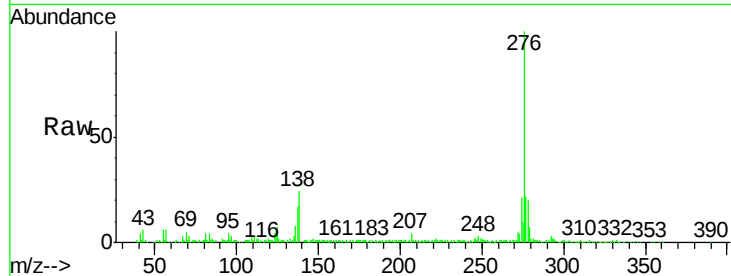




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.841 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BF101659.D
 Acq: 22 Dec 2017 17:53

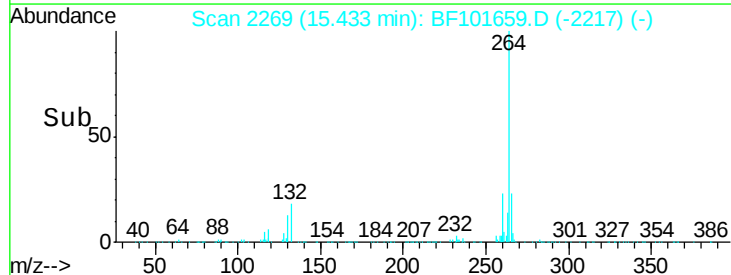
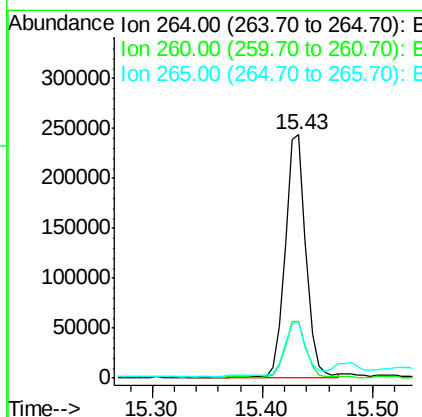
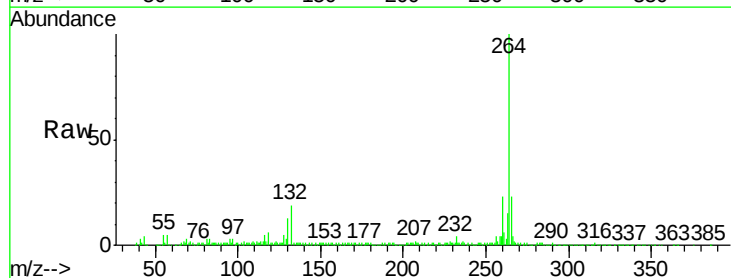
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-C

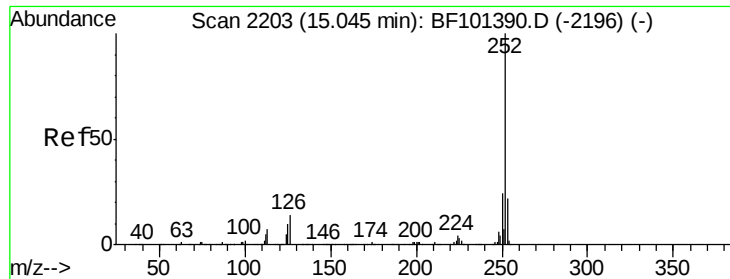
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.0	37.6#
277	23.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF101659.D
 Acq: 22 Dec 2017 17:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	23.1	17.5	26.3

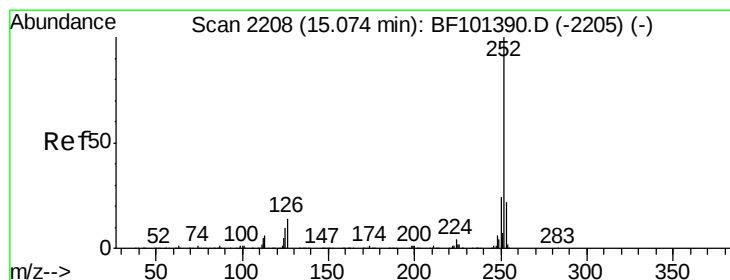
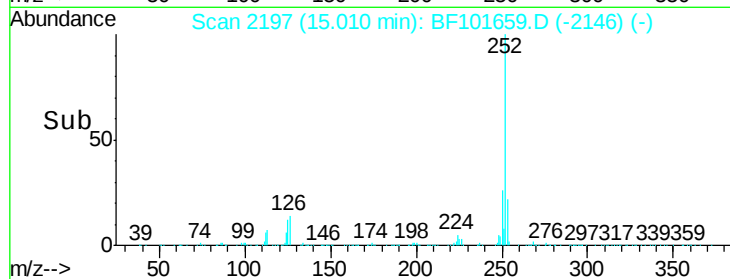
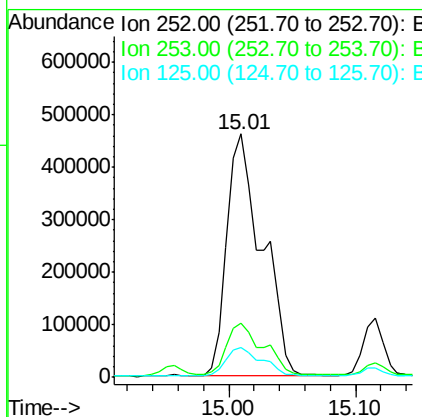
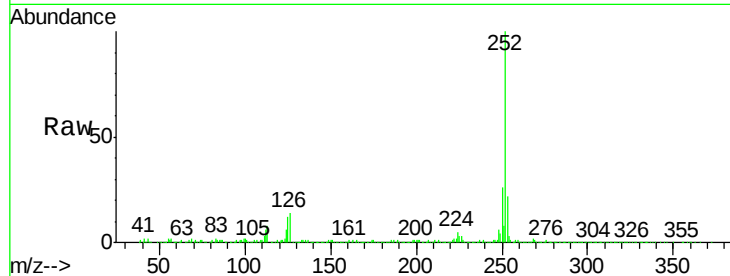




#87
Benzo(b)fluoranthene
Concen: 46.820 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF101659.D
Acq: 22 Dec 2017 17:53

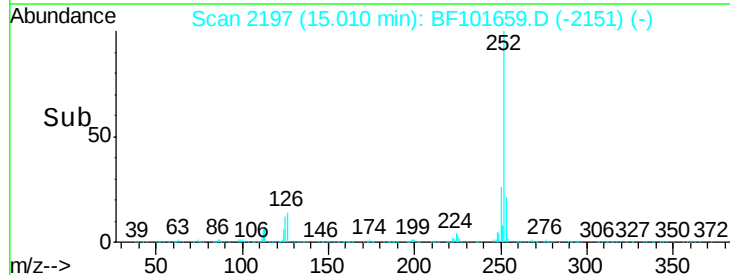
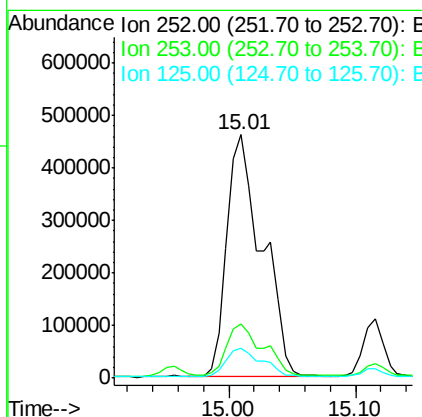
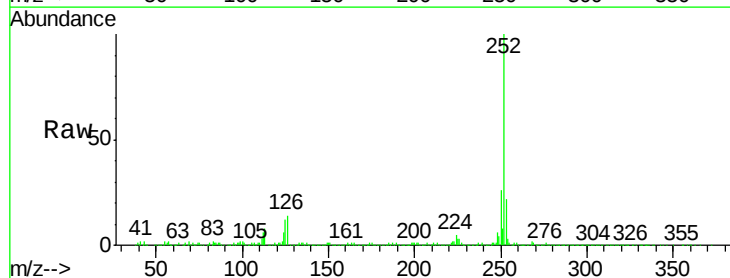
Instrument :
BNA_F
ClientSampleId :
EO-02-122017-C

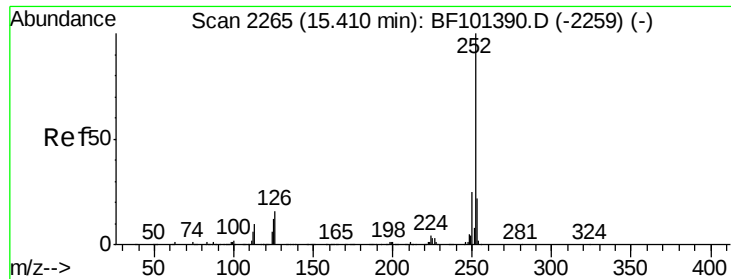
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	12.4	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 48.140 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.03 min
Lab File: BF101659.D
Acq: 22 Dec 2017 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.4	10.2	15.2





#89

Benzo(a)pyrene

Concen: 29.359 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-C

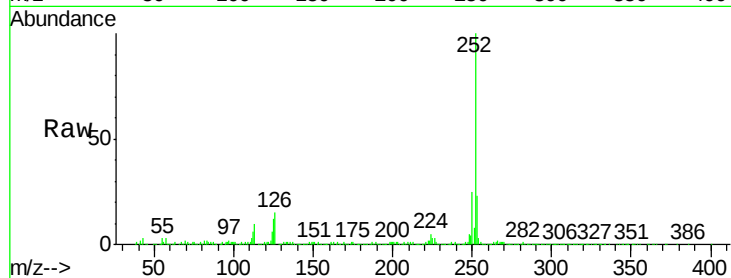
Tot Ion:252 Resp: 515138

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

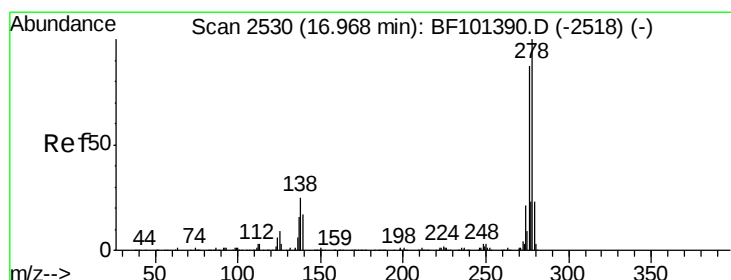
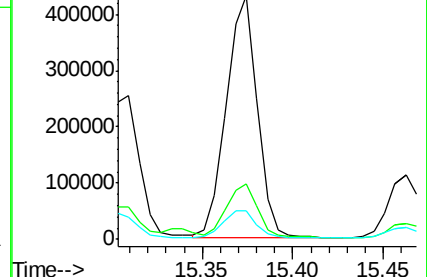
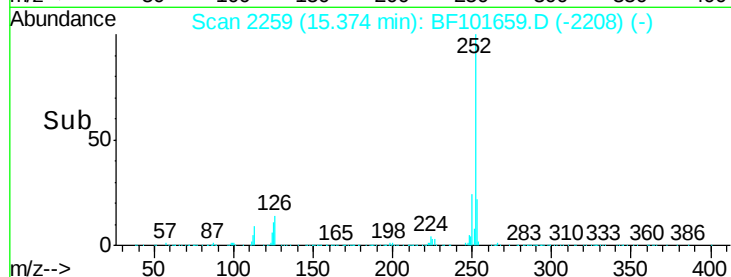
125 11.6 9.8 14.6



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: 4.453 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.01 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

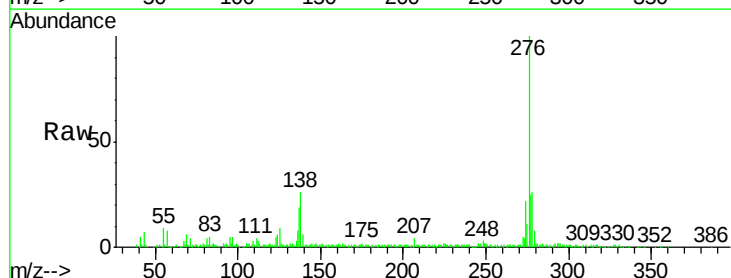
Tgt Ion:278 Resp: 67077

Ion Ratio Lower Upper

278 100

139 24.7 15.9 23.9#

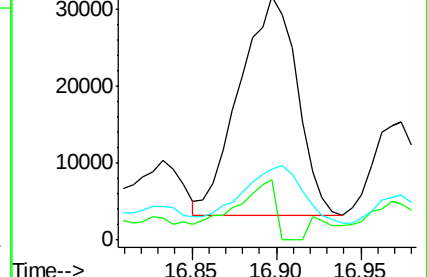
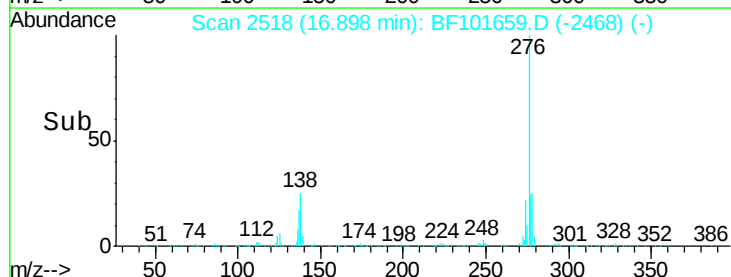
279 29.3 19.0 28.4#

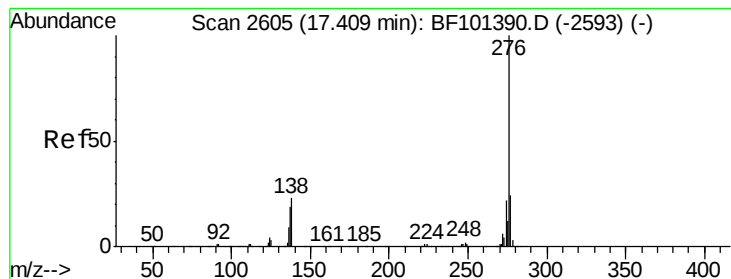


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 16.363 ng

RT: 17.35 min Scan# 2595

Delta R.T. 0.01 min

Lab File: BF101659.D

Acq: 22 Dec 2017 17:53

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-C

Tot Ion: 276 Resp: 244098

Ion Ratio Lower Upper

276 100

277 26.6 17.9 26.9

138 24.5 21.8 32.8

