

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
 Data File : BF086113.D
 Acq On : 6 Apr 2016 22:27
 Operator : UM/SJ
 Sample : H2074-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03

Quant Time: Apr 07 01:14:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	108020	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	410358	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	158810	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	250596	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	232344	20.00	ng	-0.02
86) Perylene-d12	15.30	264	178980	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	828579	131.11	ng	-0.02
7) Phenol-d6	6.40	99	1055176	131.45	ng	-0.02
23) Nitrobenzene-d5	7.31	82	547696	78.71	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	151869	101.89	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	824535	86.33	ng	-0.03
78) Terphenyl-d14	12.84	244	636042	64.35	ng	-0.03

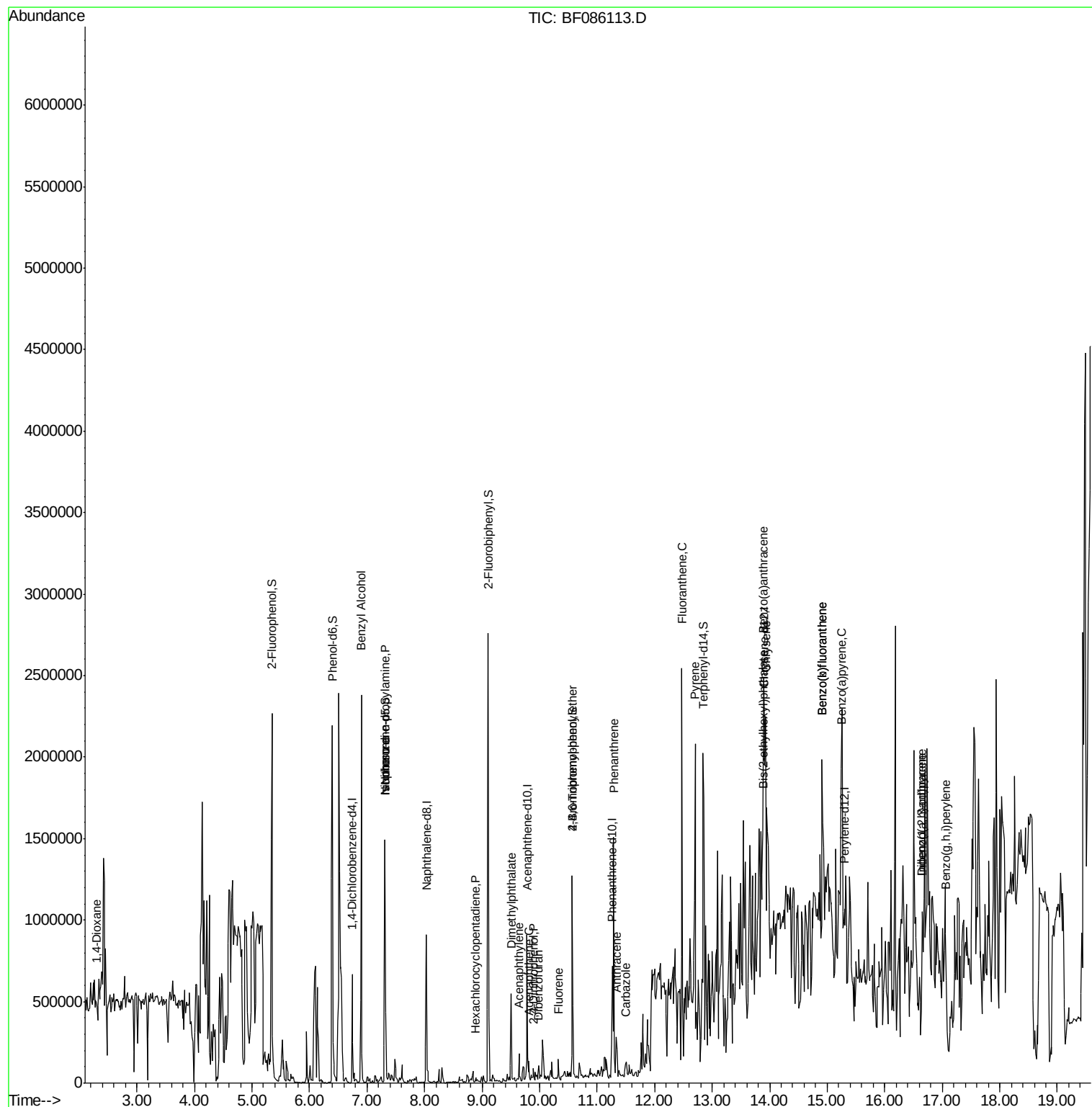
Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	6238	2.08	ng	# 25
15) Benzyl Alcohol	6.90	79	11158	2.15	ng	# 45
19) n-Nitroso-di-n-propylamine	7.31	70	71159	14.30	ng	# 80
25) Isophorone	7.31	82	490178	35.69	ng	# 68
40) Hexachlorocyclopentadiene	8.89	237	289	5.61	ng	# 1
48) Acenaphthylene	9.64	152	60084	3.78	ng	98
49) Dimethylphthalate	9.50	163	188469	16.01	ng	99
51) Acenaphthene	9.81	154	28313	2.99	ng	98
53) 2,4-Dinitrophenol	9.89	184	717	2.74	ng	# 29
54) Dibenzofuran	9.98	168	26331	2.11	ng	95
57) Fluorene	10.33	166	35916	3.37	ng	97
66) 4-Bromophenyl-phenylether	10.57	248	9977	3.90	ng	# 1
70) Phenanthrene	11.29	178	519584	38.01	ng	99
71) Anthracene	11.33	178	130530	9.11	ng	99
72) Carbazole	11.50	167	45293	3.68	ng	98
74) Fluoranthene	12.48	202	761273	53.54	ng	96
77) Pyrene	12.71	202	767069	46.85	ng	99
80) Benzo(a)anthracene	13.89	228	478088	34.91	ng	97
82) Chrysene	13.93	228	365690	27.72	ng	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	20754	2.12	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.65	276	146190	13.66	ng	98
87) Benzo(b)fluoranthene	14.91	252	624313	55.45	ng	98
88) Benzo(k)fluoranthene	14.91	252	624313	62.62	ng	# 95
89) Benzo(a)pyrene	15.24	252	288474	28.92	ng	# 92
90) Dibenzo(a,h)anthracene	16.65	278	36093	4.50	ng	# 82
91) Benzo(g,h,i)perylene	17.06	276	136685	17.60	ng	95

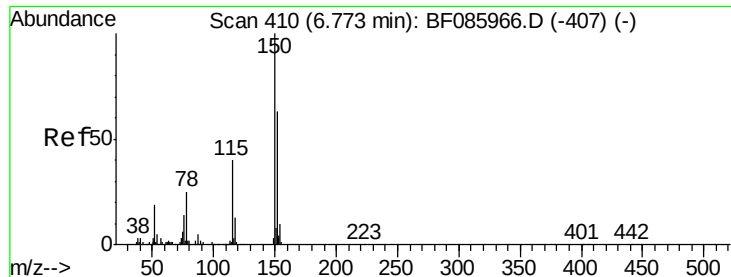
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

Instrument :

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ClientSampleId :

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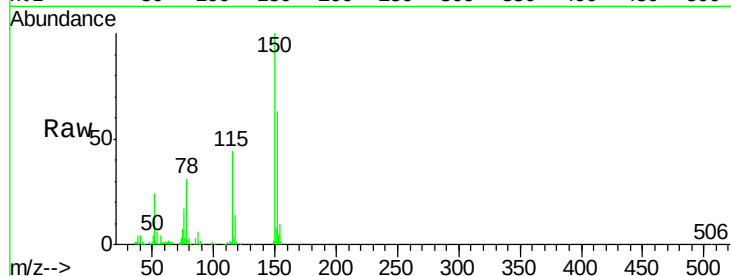
Tgt Ion:152 Resp: 108020

Ion Ratio Lower Upper

152 100

150 159.9 124.2 186.2

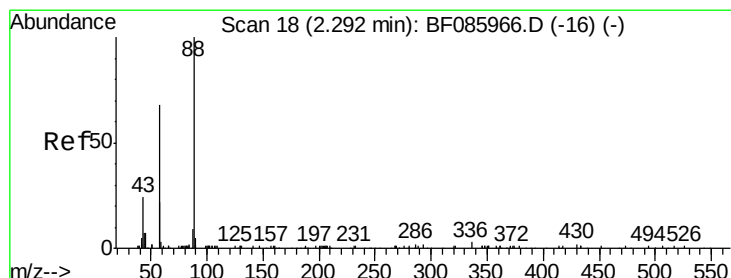
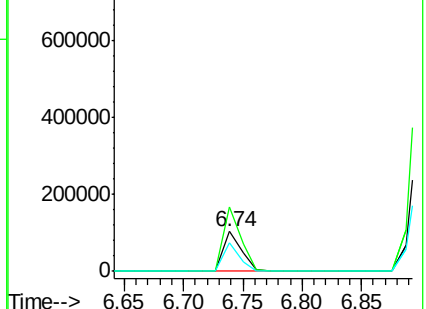
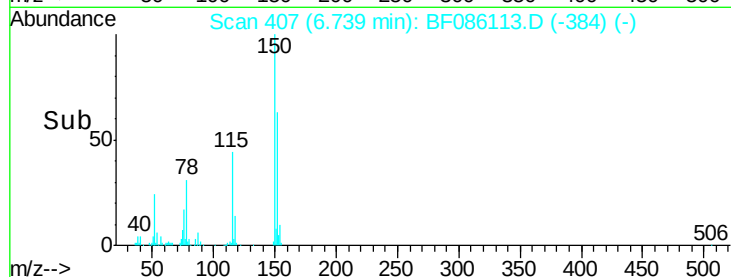
115 70.2 47.0 70.6



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



#2

1,4-Dioxane

Concen: 2.08 ng

RT: 2.30 min Scan# 19

Delta R.T. 0.01 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

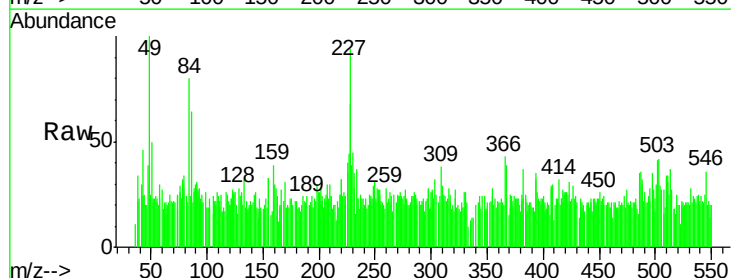
Tgt Ion: 88 Resp: 6238

Ion Ratio Lower Upper

88 100

58 0.0 54.2 81.2#

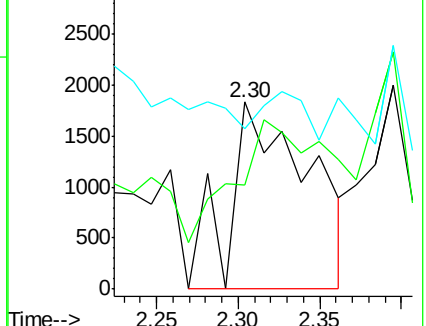
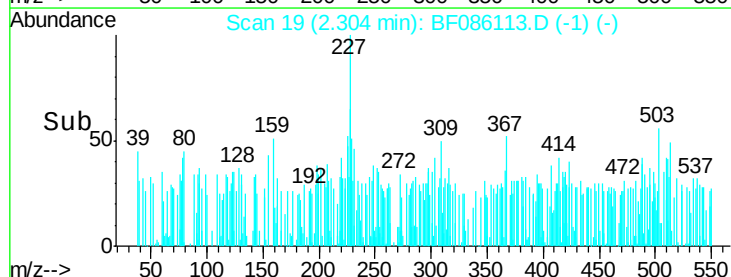
43 0.0 19.3 28.9#

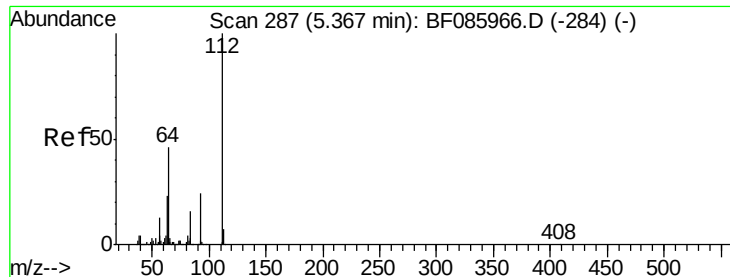


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 131.11 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.02 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

Instrument :

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ClientSampleId :

SB03

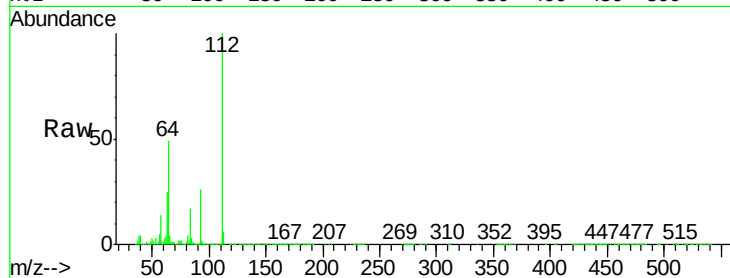
Tgt Ion: 112 Resp: 828579

Ion Ratio Lower Upper

112 100

64 49.3 39.9 59.9

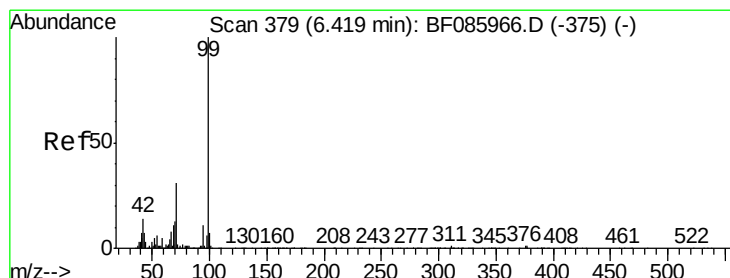
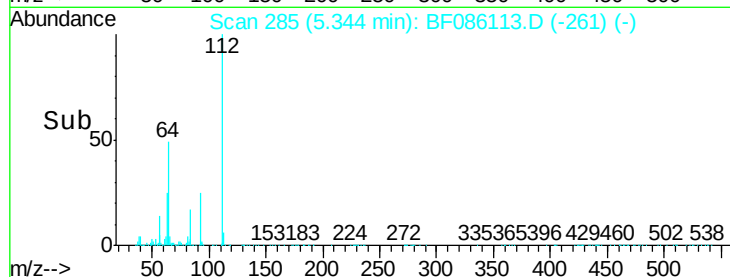
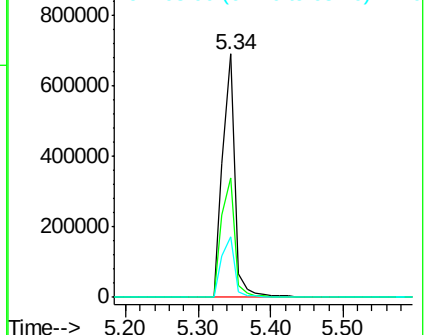
63 24.8 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 131.45 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

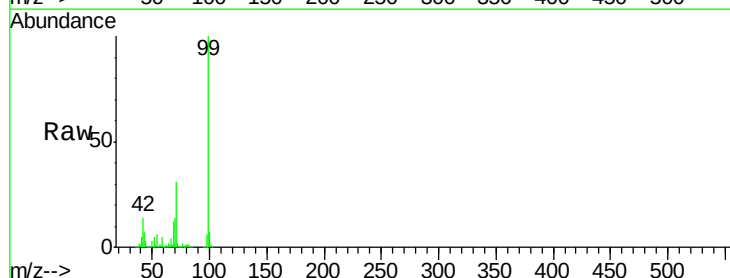
Tgt Ion: 99 Resp: 1055176

Ion Ratio Lower Upper

99 100

42 13.5 11.1 16.7

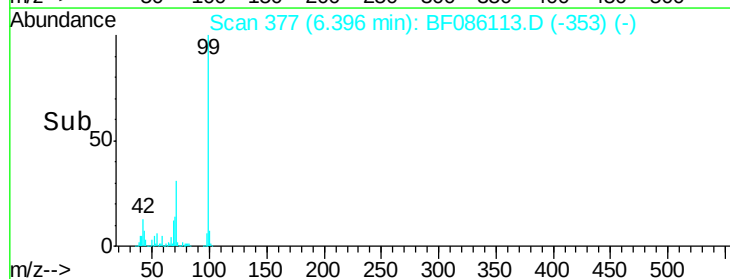
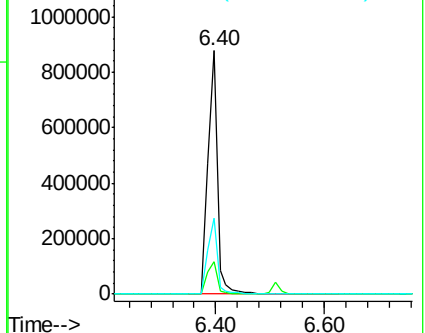
71 31.0 24.9 37.3

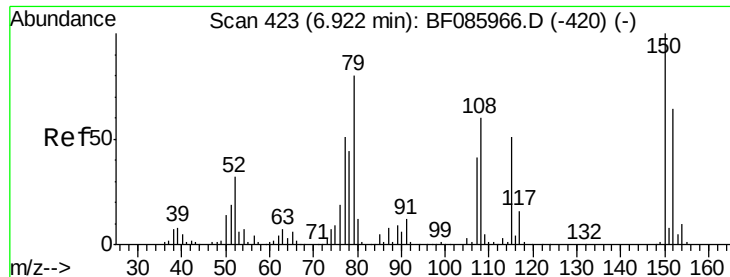


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

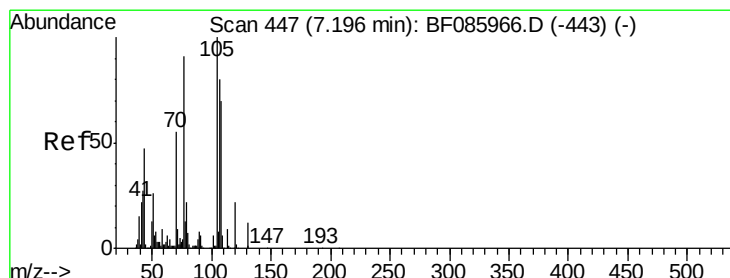
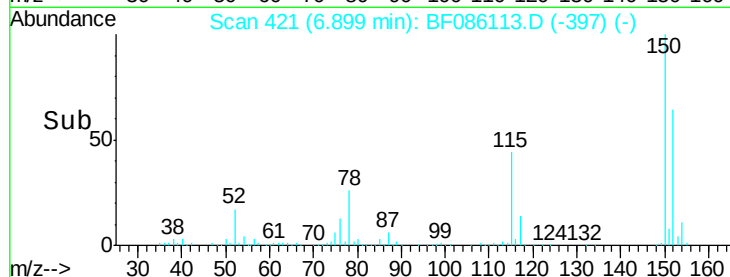
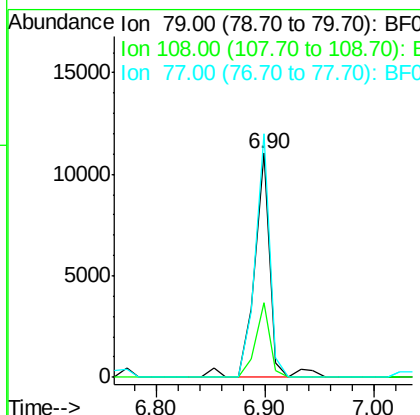
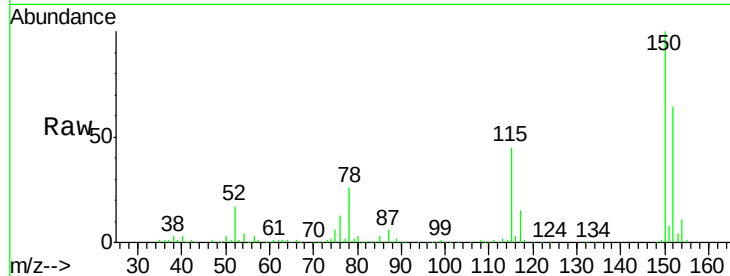




#15
Benzyl Alcohol
Concen: 2.15 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF086113.D
Acq: 6 Apr 2016 22:27

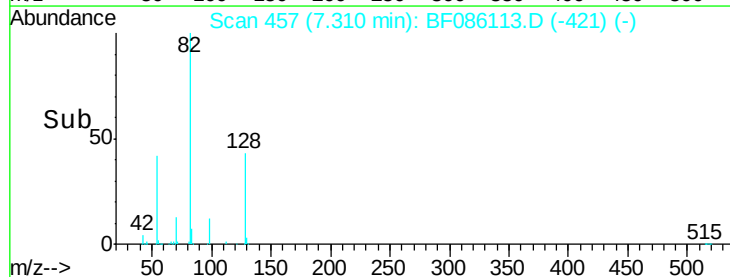
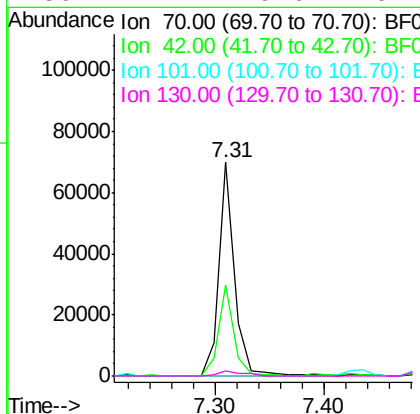
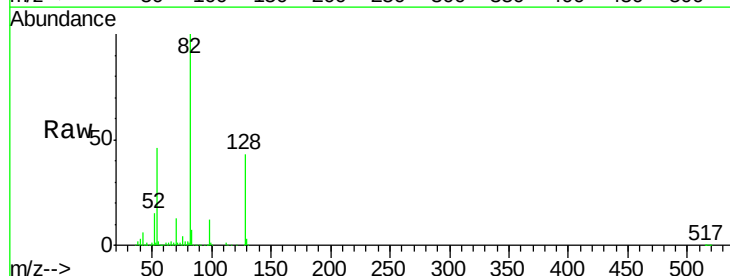
Instrument :
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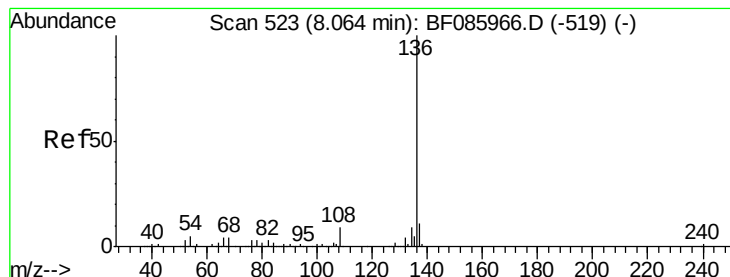
Tgt Ion: 79 Resp: 11158
Ion Ratio Lower Upper
79 100
108 33.3 61.8 92.6#
77 108.6 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 14.30 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.11 min
Lab File: BF086113.D
Acq: 6 Apr 2016 22:27

Tgt Ion: 70 Resp: 71159
Ion Ratio Lower Upper
70 100
42 42.7 37.1 55.7
101 0.0 8.6 12.8#
130 2.2 19.6 29.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

Instrument :

BNA_F

ClientSampleId :

SB03

Tgt Ion:136 Resp: 410358

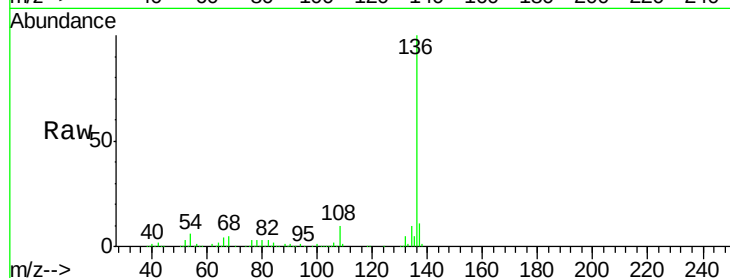
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.9 7.4 11.0#

68 5.0 5.8 8.8#

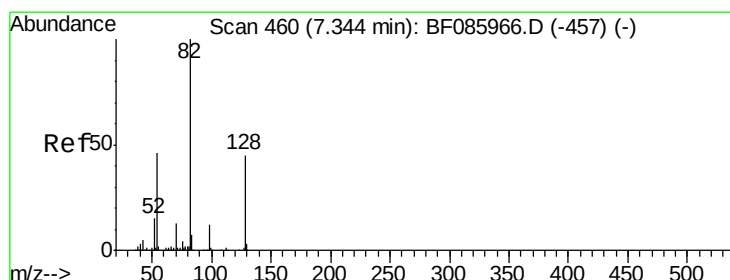
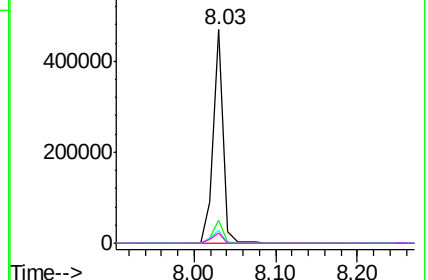
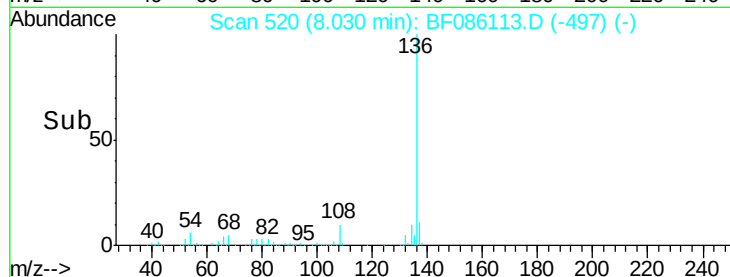


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 78.71 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

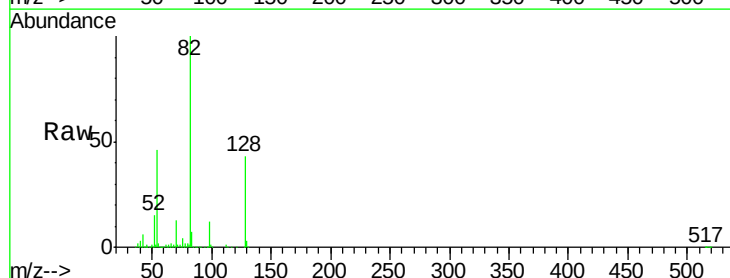
Tgt Ion: 82 Resp: 547696

Ion Ratio Lower Upper

82 100

128 42.9 41.8 62.8

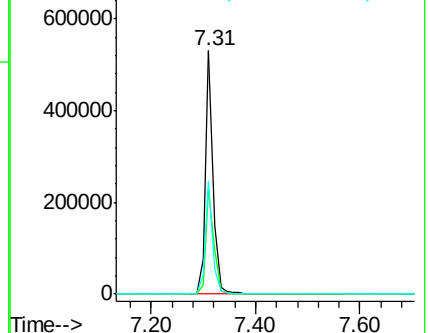
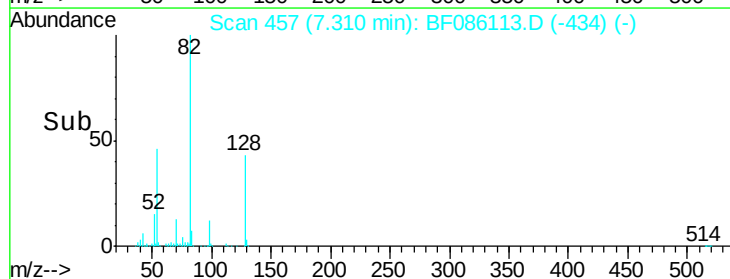
54 46.4 33.4 50.0

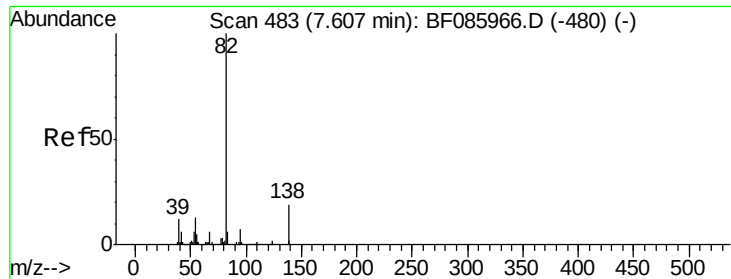


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.69 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.30 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

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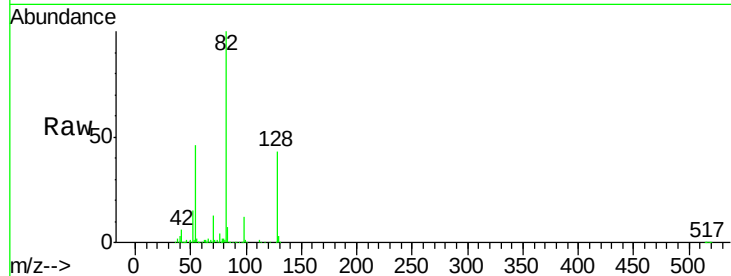
Tgt Ion: 82 Resp: 490178

Ion Ratio Lower Upper

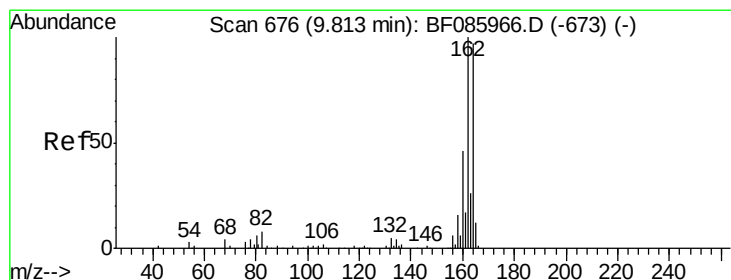
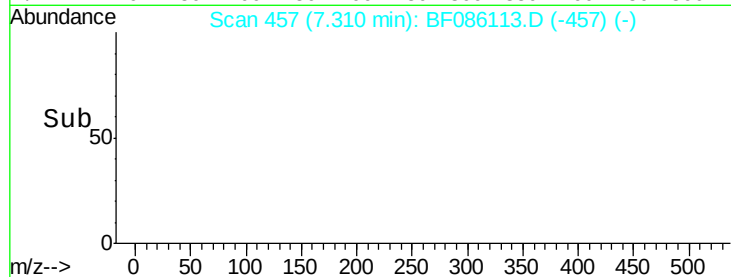
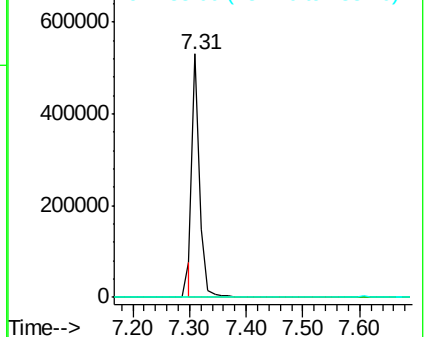
82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

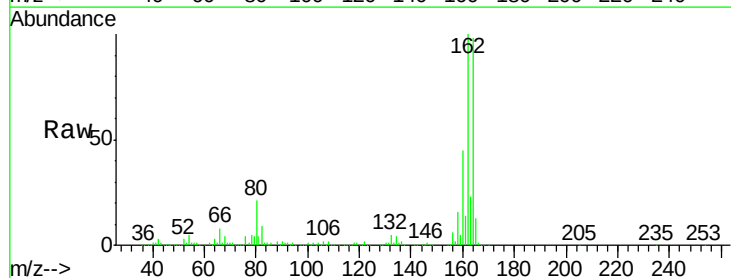
Tgt Ion: 164 Resp: 158810

Ion Ratio Lower Upper

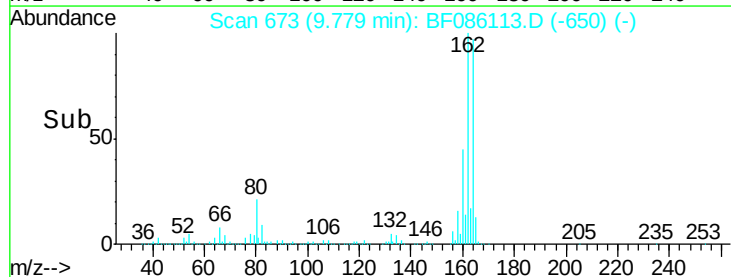
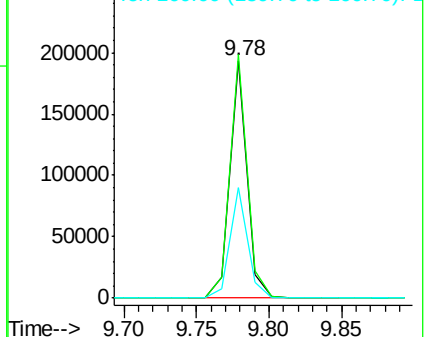
164 100

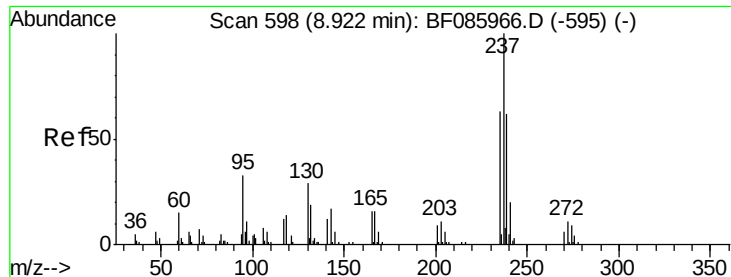
162 102.4 82.1 123.1

160 46.5 37.4 56.2



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

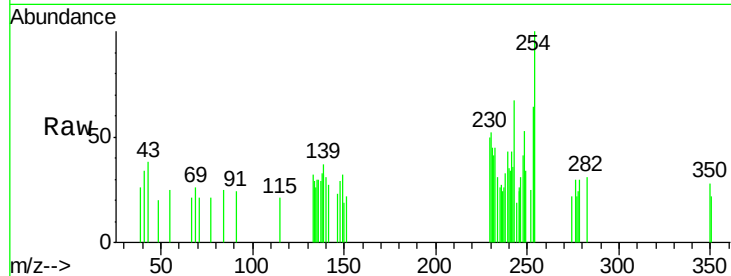




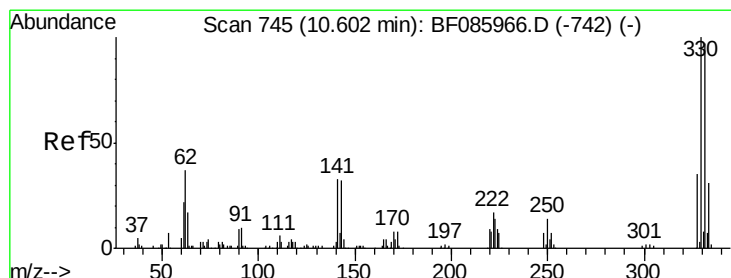
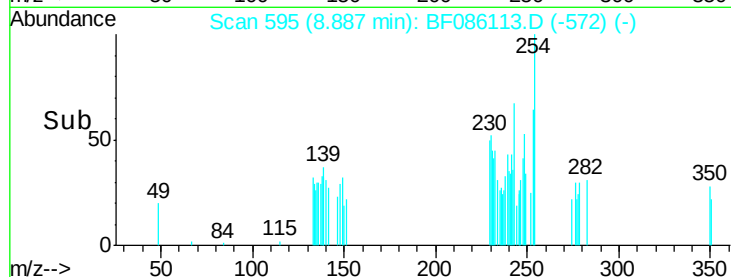
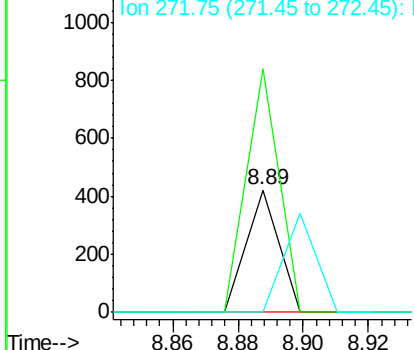
#40
Hexachlorocyclopentadiene
Concen: 5.61 ng
RT: 8.89 min Scan# 595
Delta R.T. -0.03 min
Lab File: BF086113.D
Acq: 6 Apr 2016 22:27

Instrument :
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Tgt Ion:237 Resp: 289
Ion Ratio Lower Upper
237 100
235 199.3 43.7 83.7#
272 0.0 0.0 31.9

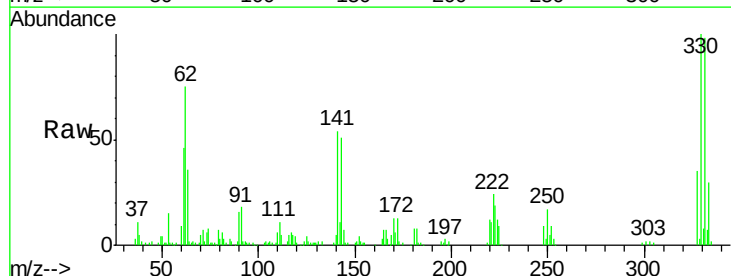


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

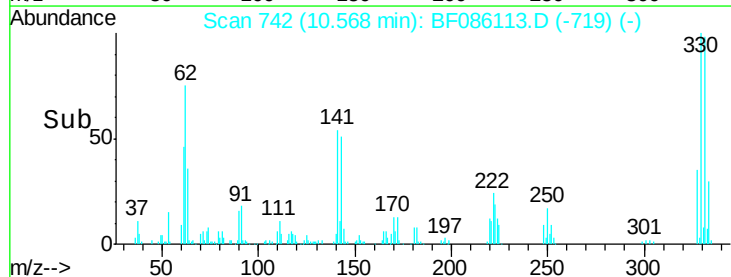
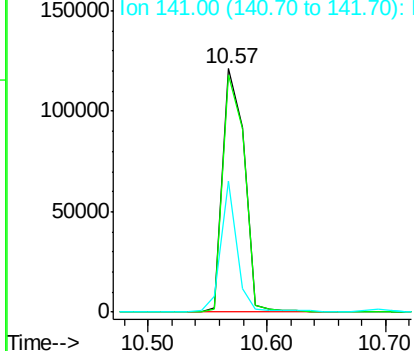


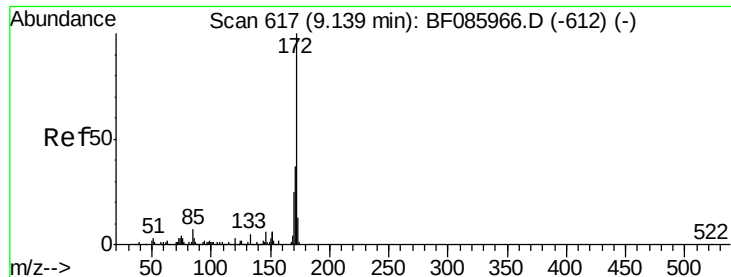
#41
2,4,6-Tribromophenol
Concen: 101.89 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF086113.D
Acq: 6 Apr 2016 22:27

Tgt Ion:330 Resp: 151869
Ion Ratio Lower Upper
330 100
332 98.4 78.2 117.2
141 41.2 31.5 47.3



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: 86.33 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.03 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

Instrument :

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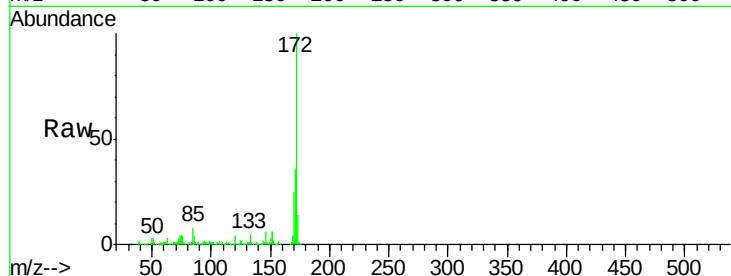
Tgt Ion:172 Resp: 824535

Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.2

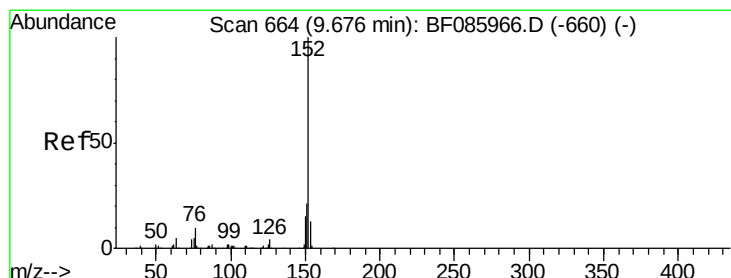
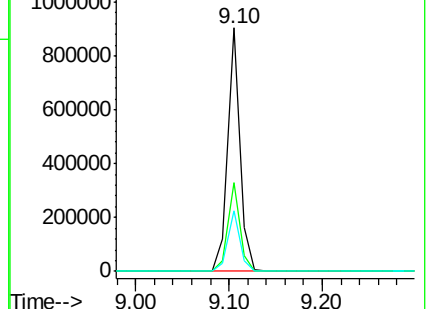
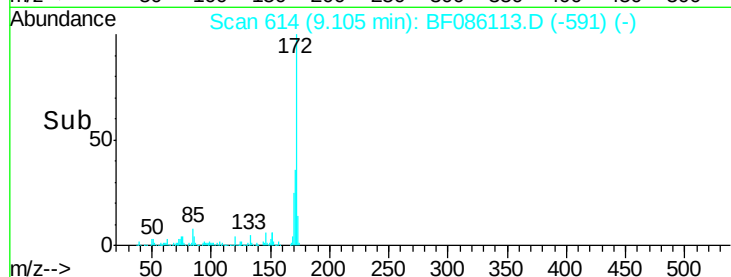
170 24.7 19.8 29.6



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: 3.78 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

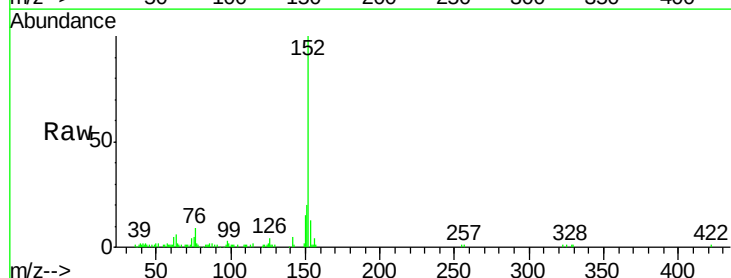
Tgt Ion:152 Resp: 60084

Ion Ratio Lower Upper

152 100

151 19.7 16.8 25.2

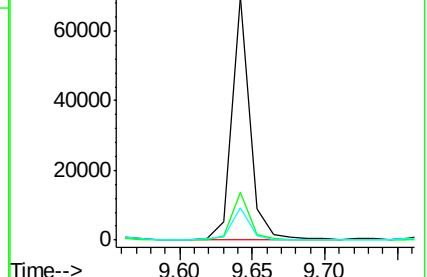
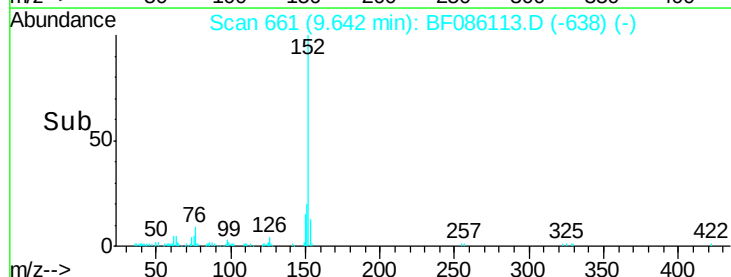
153 13.2 10.9 16.3

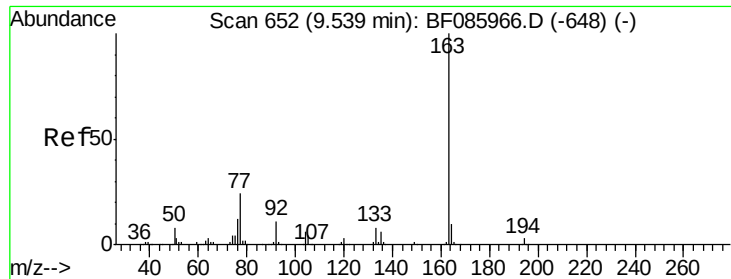


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 16.01 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.03 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

Instrument :

BNA_F

ClientSampleId :

SB03

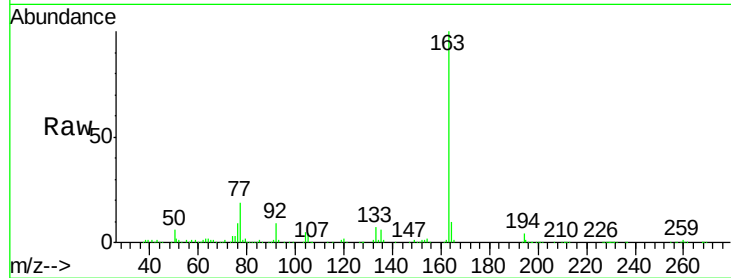
Tgt Ion:163 Resp: 188469

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

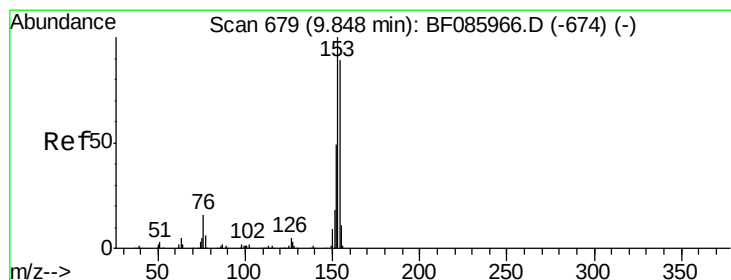
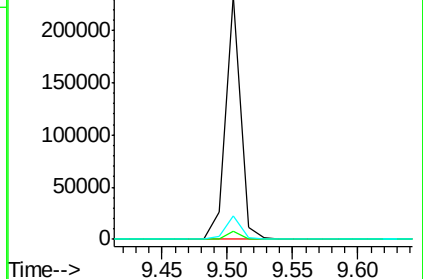
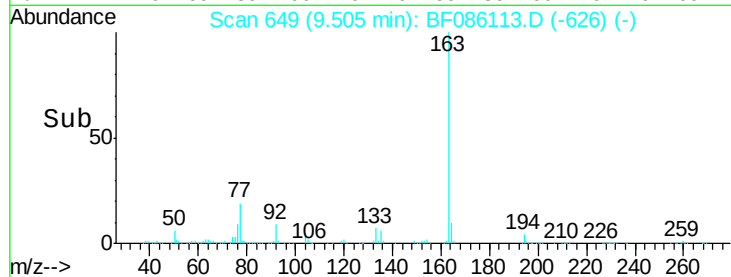
164 9.7 8.3 12.5



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: 2.99 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.03 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

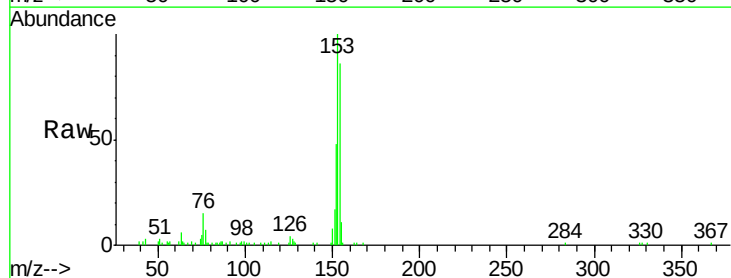
Tgt Ion:154 Resp: 28313

Ion Ratio Lower Upper

154 100

153 115.8 90.1 135.1

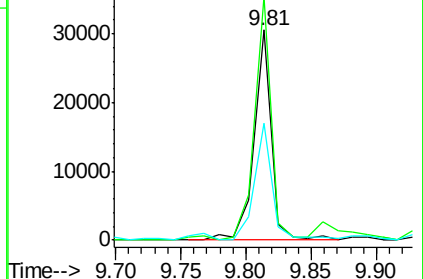
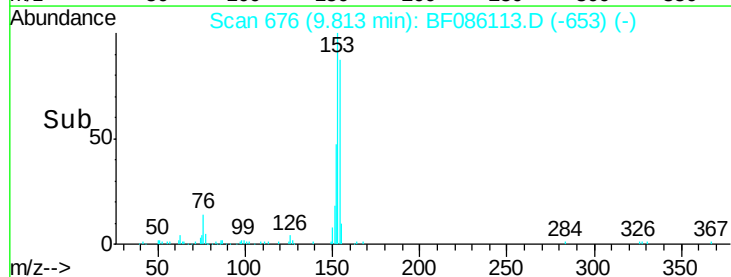
152 55.3 44.2 66.2

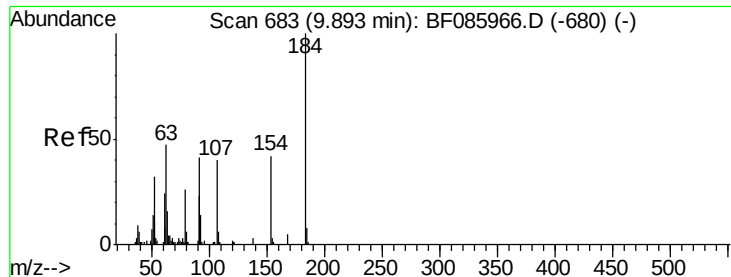


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

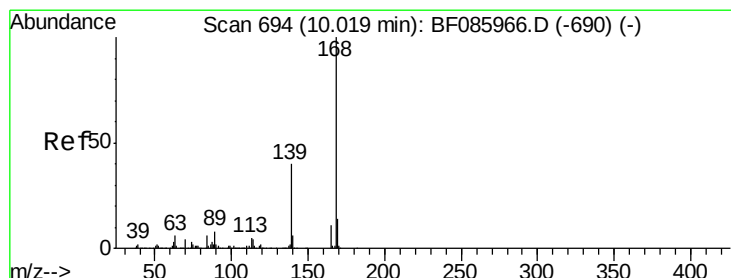
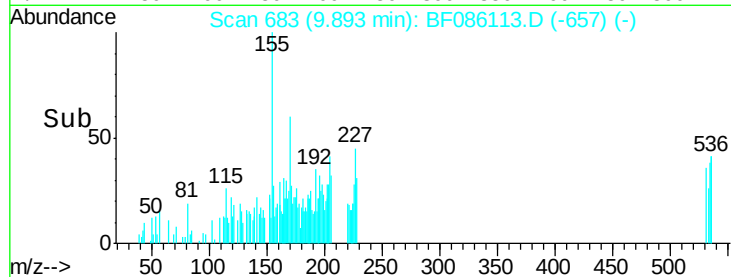
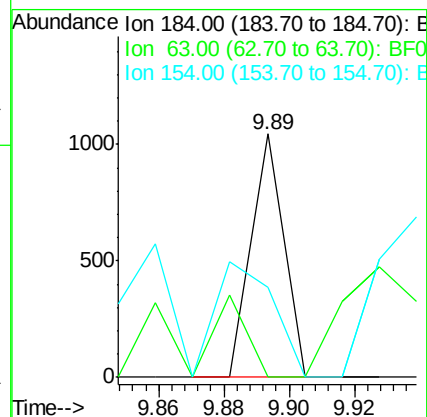
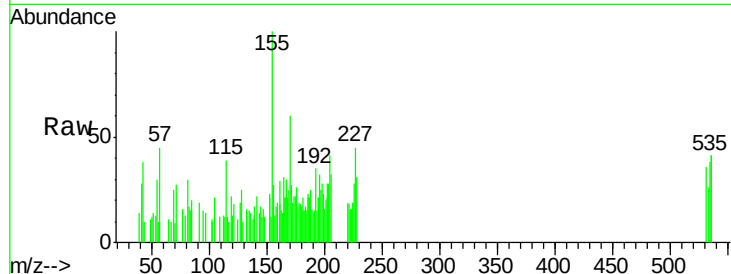




#53
 2,4-Dinitrophenol
 Concen: 2.74 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF086113.D
 Acq: 6 Apr 2016 22:27

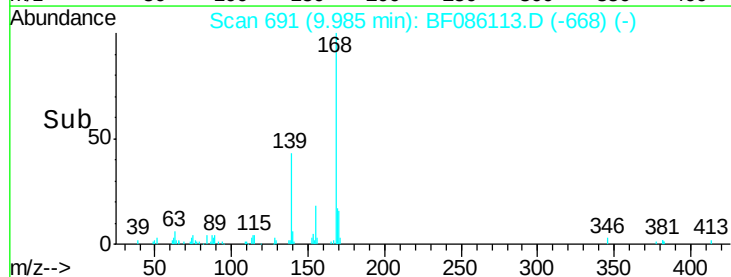
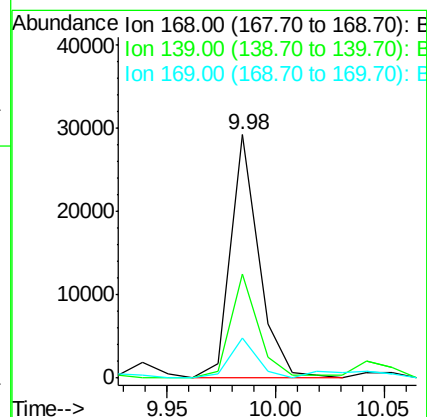
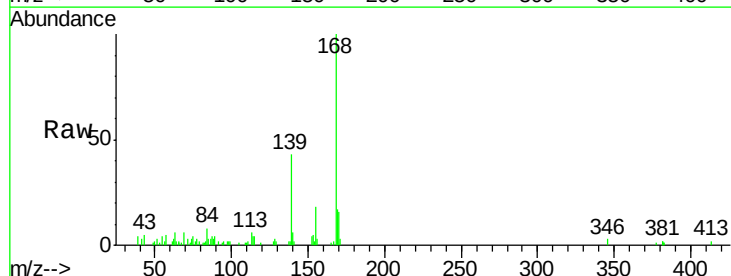
Instrument :
 BNA_F
 ClientSampleId :
 SB03

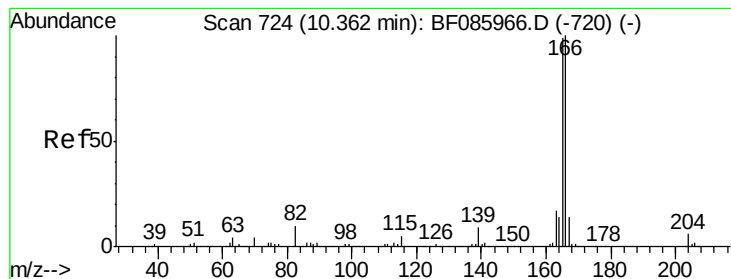
Tgt Ion:184 Resp: 717
 Ion Ratio Lower Upper
 184 100
 63 0.0 69.5 104.3#
 154 37.1 58.3 87.5#



#54
 Dibenzofuran
 Concen: 2.11 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.03 min
 Lab File: BF086113.D
 Acq: 6 Apr 2016 22:27

Tgt Ion:168 Resp: 26331
 Ion Ratio Lower Upper
 168 100
 139 42.5 31.9 47.9
 169 16.5 11.0 16.6





#57

Fluorene

Concen: 3.37 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

Instrument :

BNA_F

ClientSampleId :

SB03

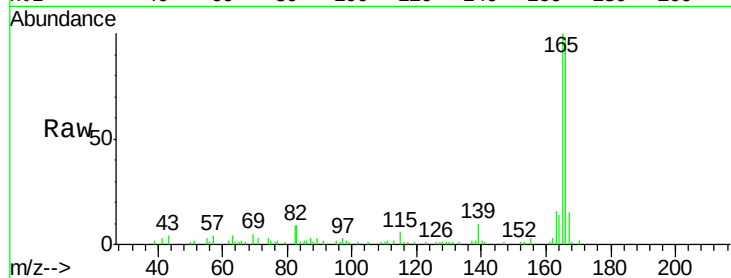
Tgt Ion:166 Resp: 35916

Ion Ratio Lower Upper

166 100

165 101.5 79.4 119.0

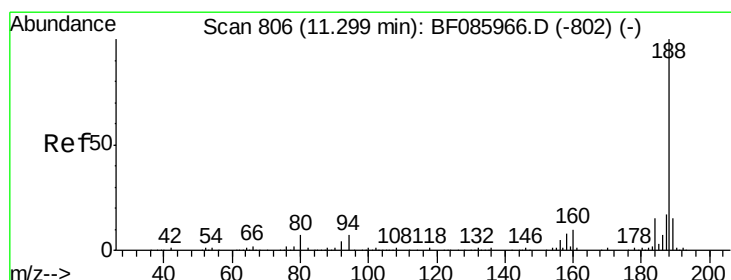
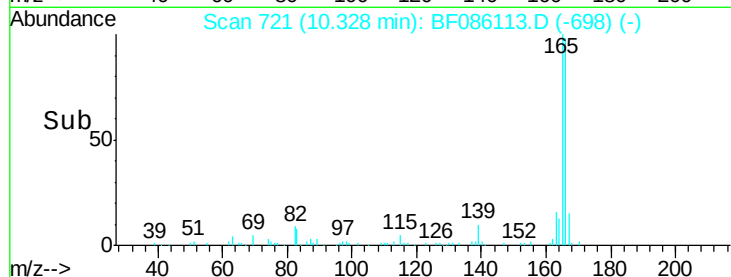
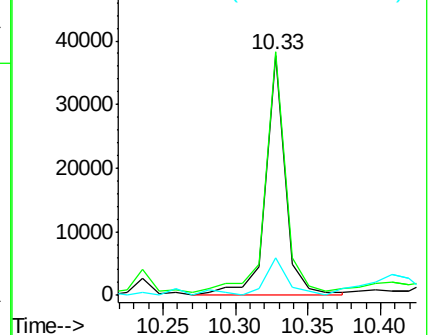
167 15.5 11.0 16.4



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: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

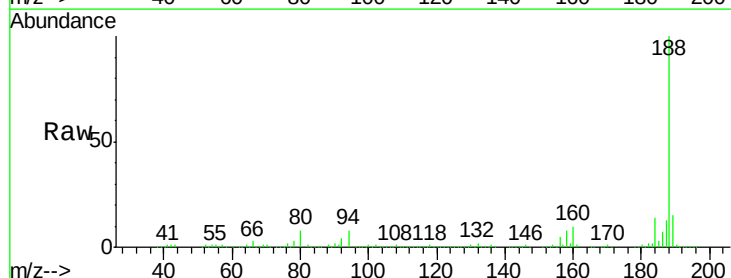
Tgt Ion:188 Resp: 250596

Ion Ratio Lower Upper

188 100

94 7.9 5.4 8.0

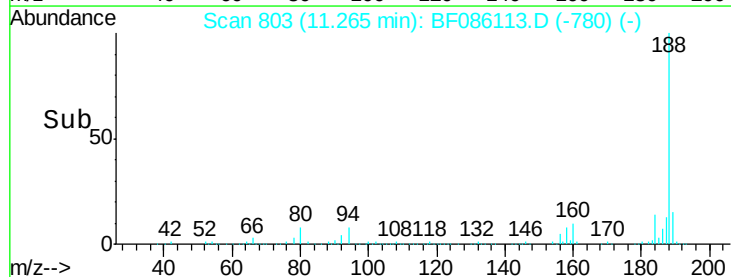
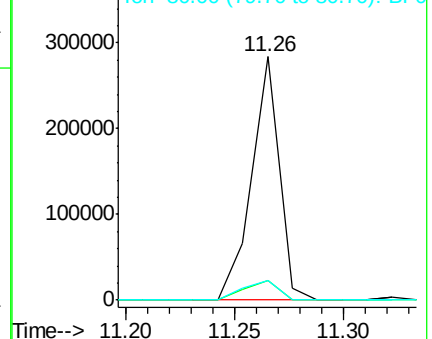
80 8.0 5.5 8.3

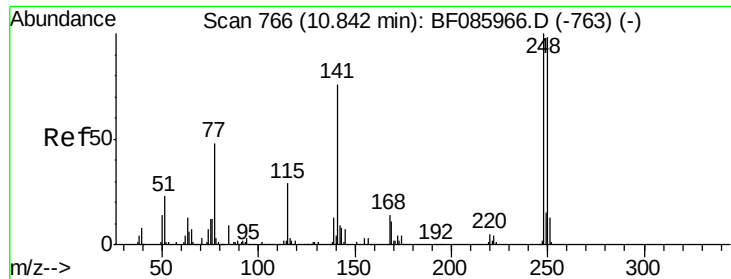


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

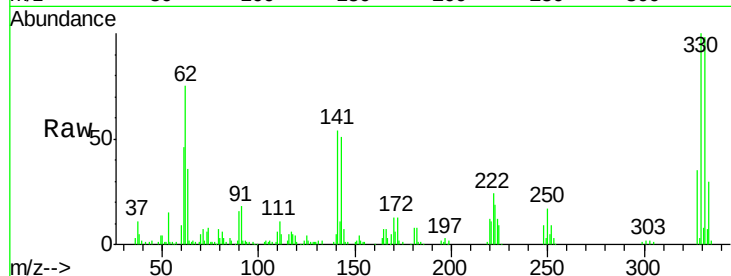




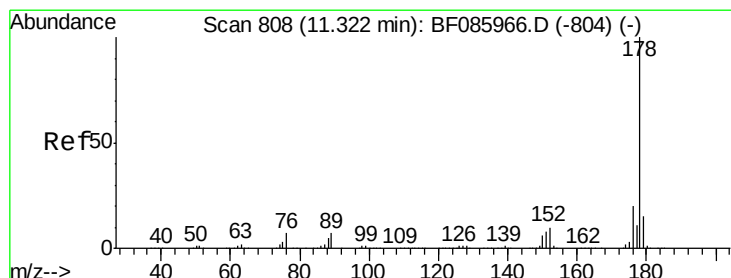
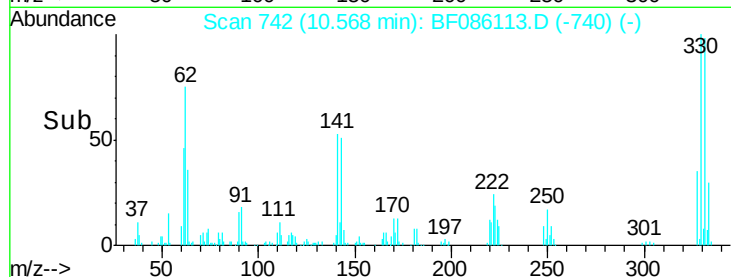
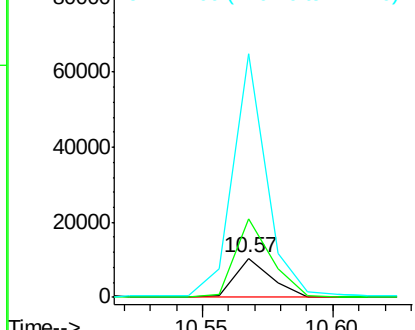
#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.27 min
Lab File: BF086113.D
Acq: 6 Apr 2016 22:27

Instrument :
BNA_F
ClientSampleId :
SB03

Tgt Ion:248 Resp: 9977
Ion Ratio Lower Upper
248 100
250 202.1 77.4 116.0#
141 622.6 63.6 95.4#

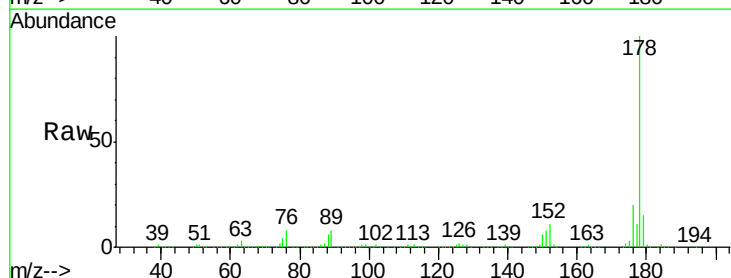


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

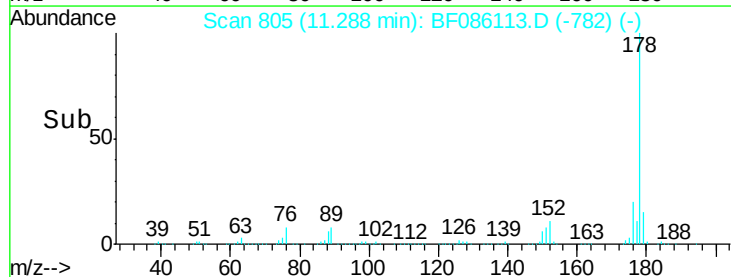
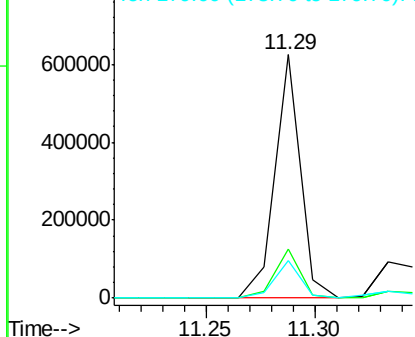


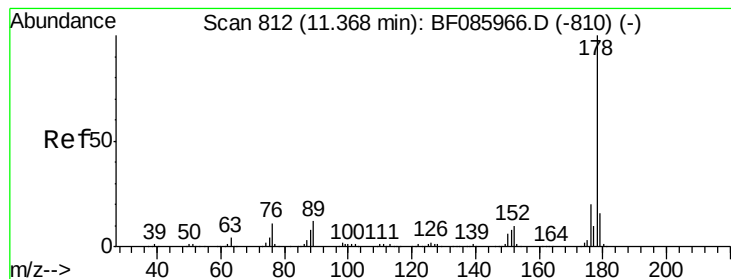
#70
Phenanthrene
Concen: 38.01 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF086113.D
Acq: 6 Apr 2016 22:27

Tgt Ion:178 Resp: 519584
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 15.4 12.6 18.8



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: 9.11 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.03 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

Instrument :

BNA_F

ClientSampleId :

SB03

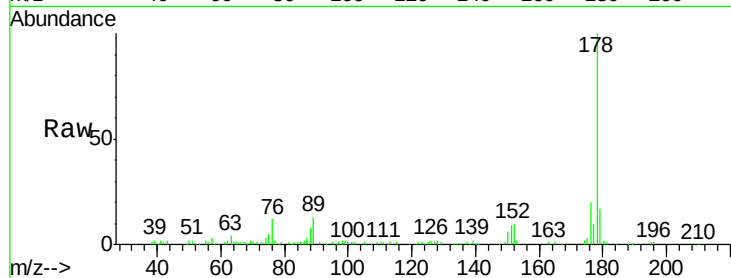
Tgt Ion:178 Resp: 130530

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

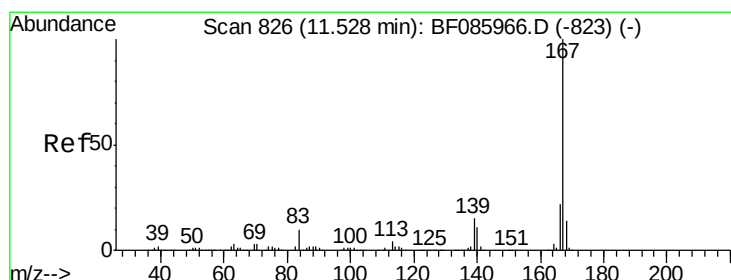
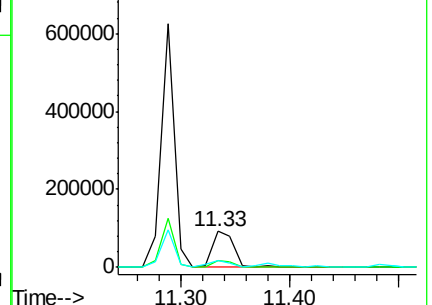
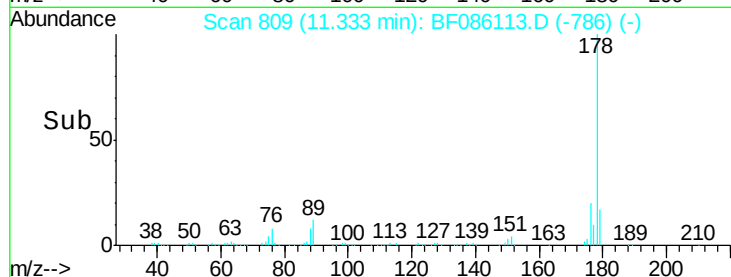
179 17.2 13.0 19.4



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: 3.68 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

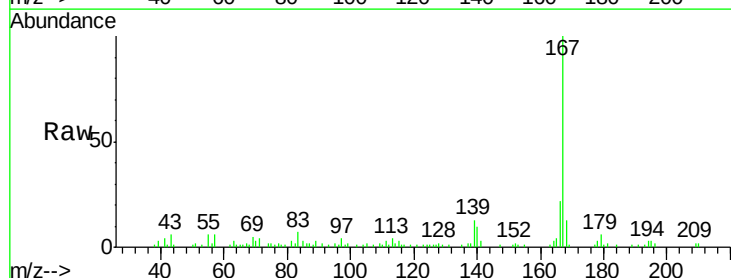
Tgt Ion:167 Resp: 45293

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.8

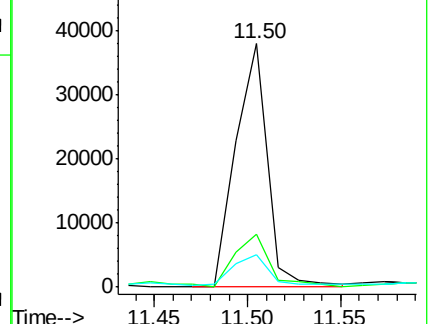
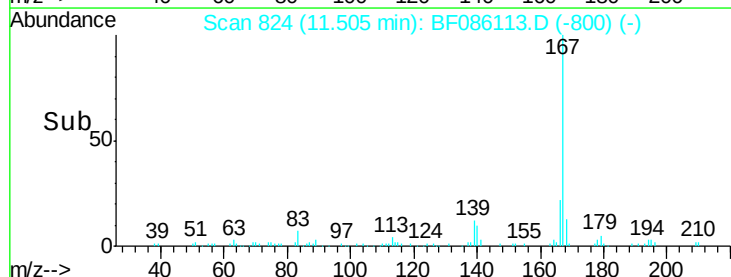
139 13.1 11.6 17.4

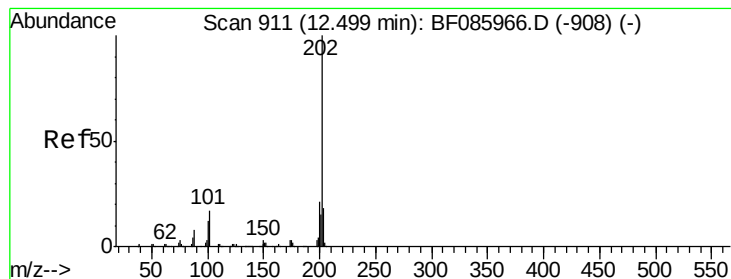


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

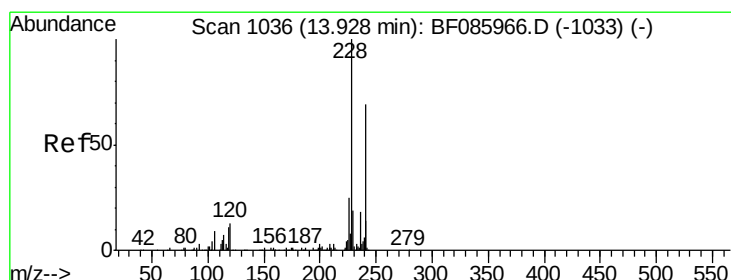
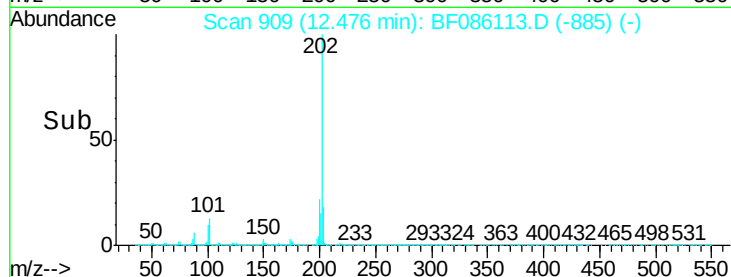
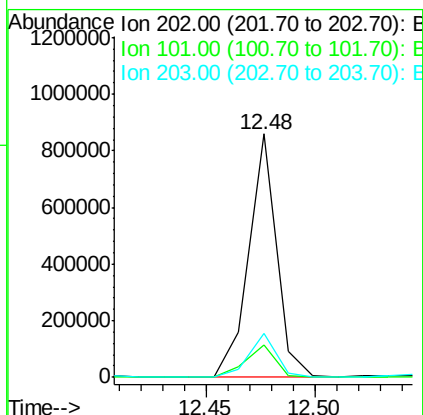
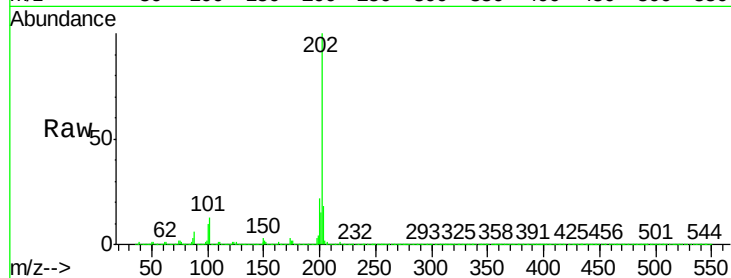




#74
 Fluoranthene
 Concen: 53.54 ng
 RT: 12.48 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF086113.D
 Acq: 6 Apr 2016 22:27

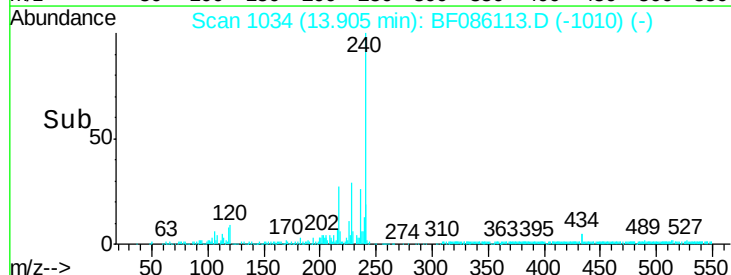
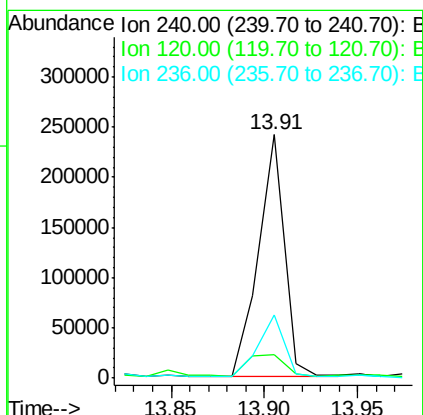
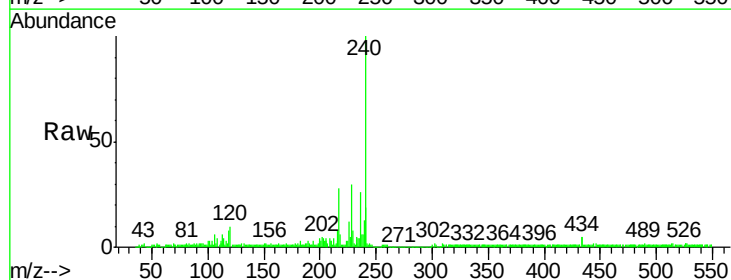
Instrument :
 BNA_F
 ClientSampleId :
 SB03

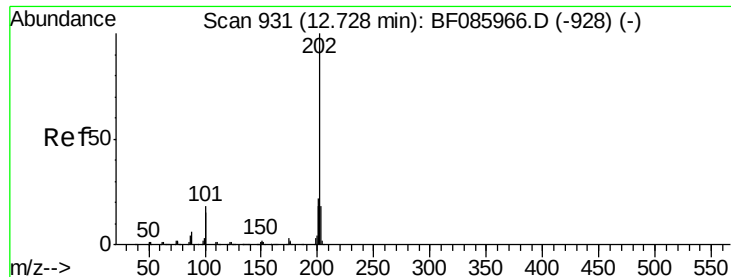
Tgt Ion:202 Resp: 761273
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 36.6
 203 18.0 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF086113.D
 Acq: 6 Apr 2016 22:27

Tgt Ion:240 Resp: 232344
 Ion Ratio Lower Upper
 240 100
 120 9.8 13.8 20.8#
 236 26.1 20.6 30.8





#77

Pyrene

Concen: 46.85 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

Instrument :

BNA_F

ClientSampleId :

SB03

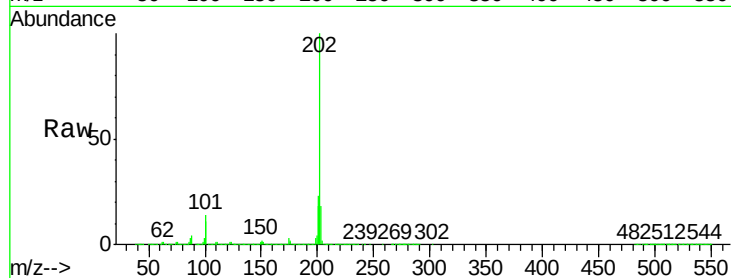
Tgt Ion:202 Resp: 767069

Ion Ratio Lower Upper

202 100

200 22.5 17.6 26.4

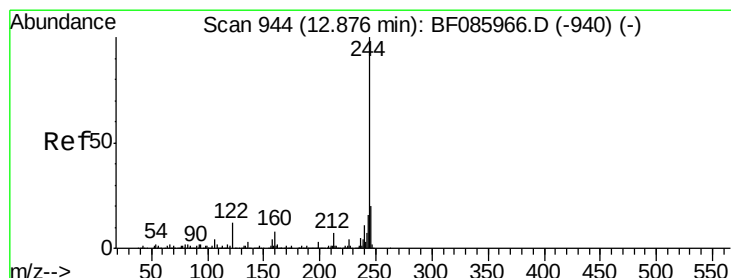
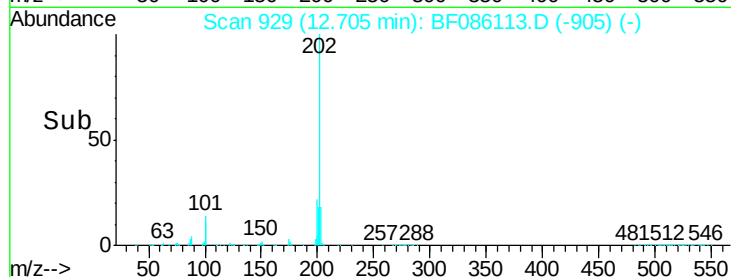
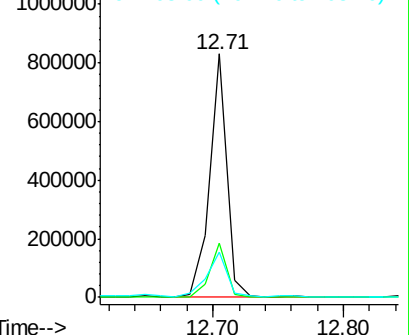
203 18.4 14.0 21.0



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: 64.35 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

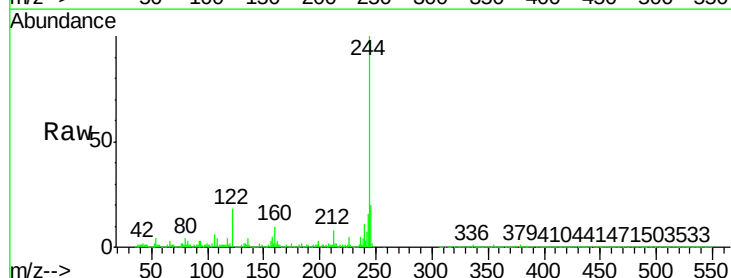
Tgt Ion:244 Resp: 636042

Ion Ratio Lower Upper

244 100

212 8.2 6.1 9.1

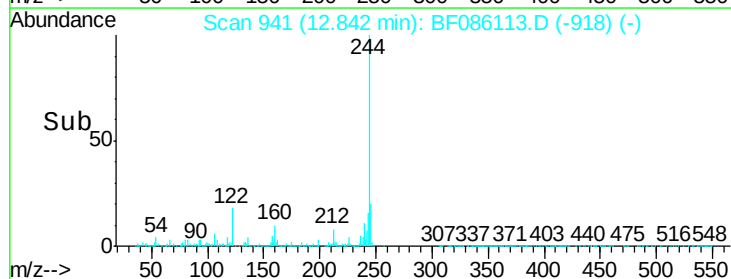
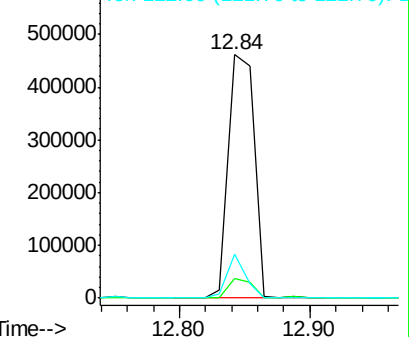
122 18.3 10.2 15.4#

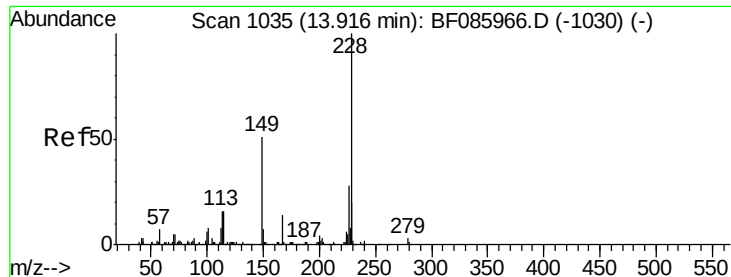


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 34.91 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

Instrument :

BNA_F

ClientSampleId :

SB03

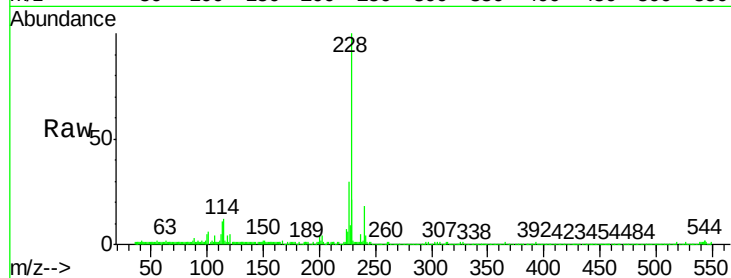
Tgt Ion:228 Resp: 478088

Ion Ratio Lower Upper

228 100

226 30.2 22.1 33.1

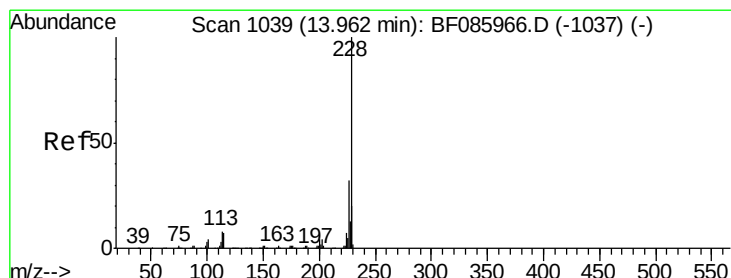
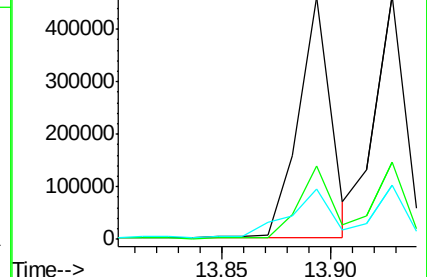
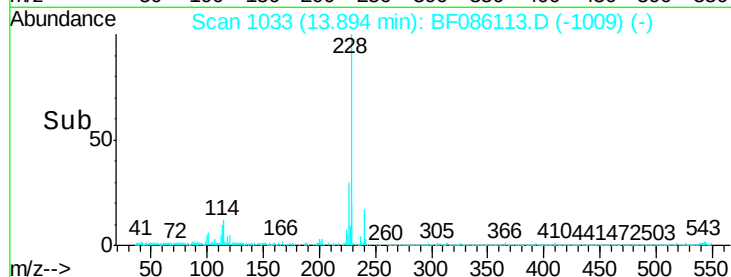
229 20.8 16.2 24.4



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



#82

Chrysene

Concen: 27.72 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

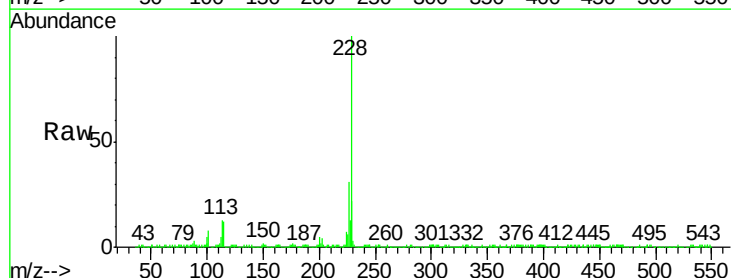
Tgt Ion:228 Resp: 365690

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

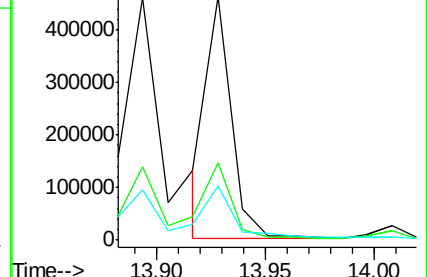
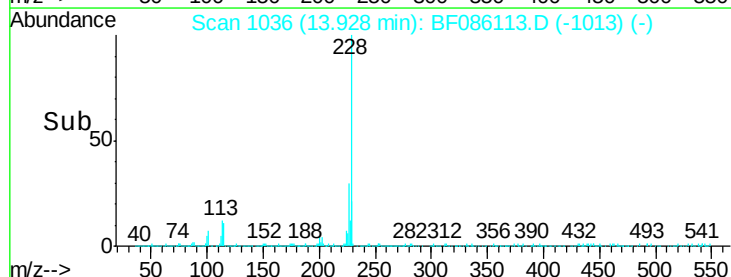
229 22.2 15.7 23.5

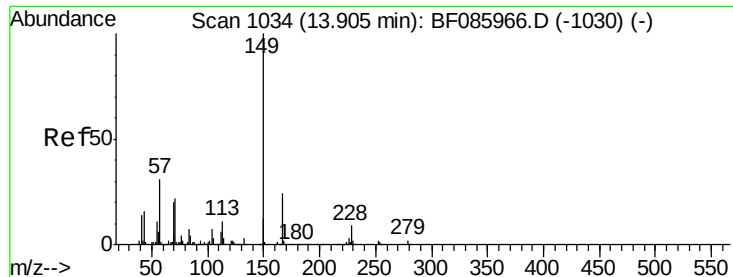


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.12 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

Instrument :

BNA_F

ClientSampleId :

SB03

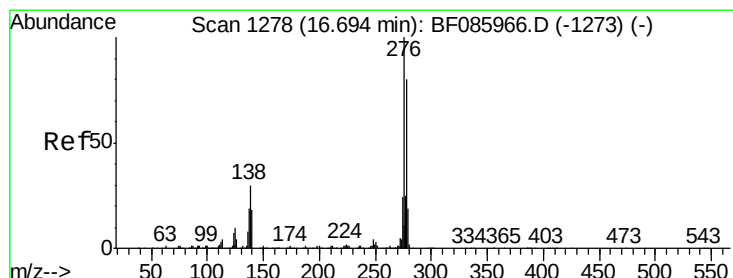
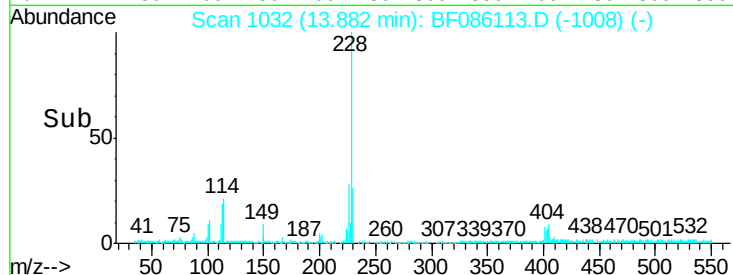
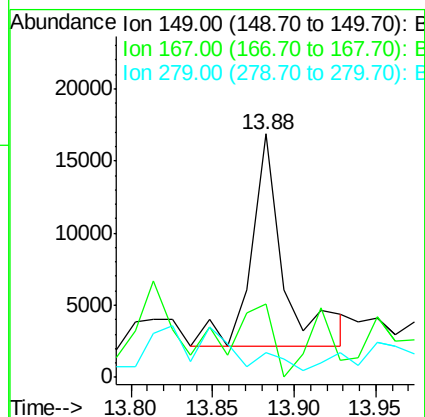
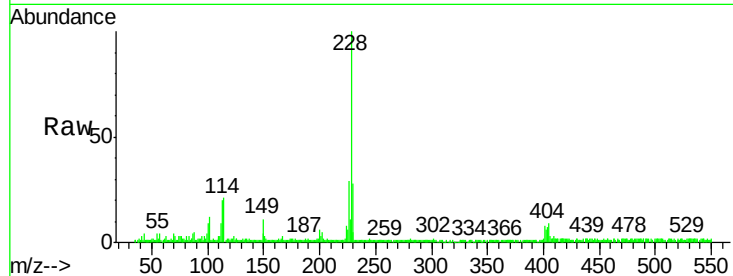
Tgt Ion:149 Resp: 20754

Ion Ratio Lower Upper

149 100

167 29.9 19.4 29.2#

279 10.4 1.5 2.3#



#85

Indeno(1,2,3-cd)pyrene

Concen: 13.66 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.05 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

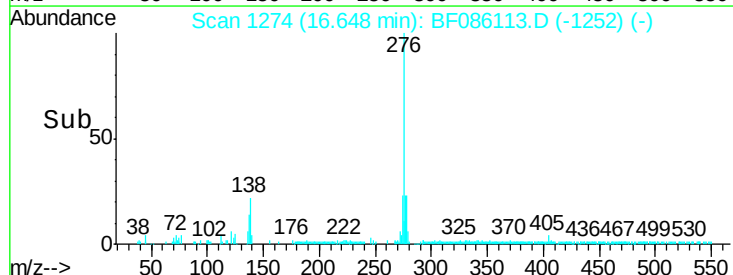
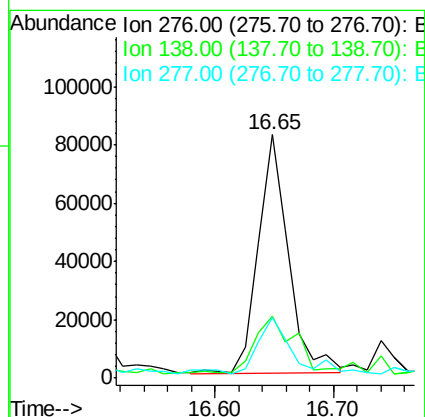
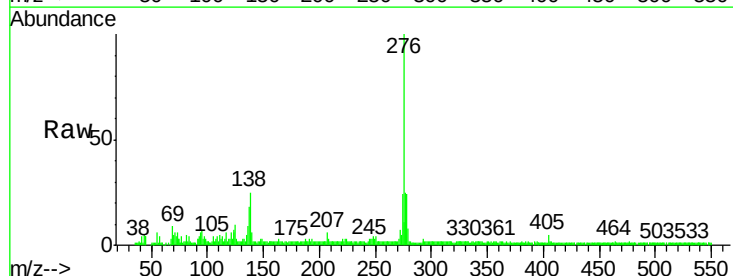
Tgt Ion:276 Resp: 146190

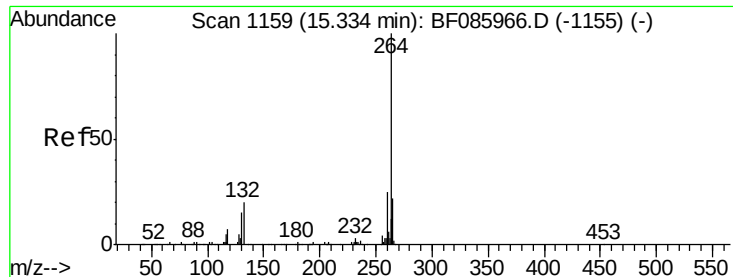
Ion Ratio Lower Upper

276 100

138 30.2 24.2 36.4

277 27.1 20.0 30.0

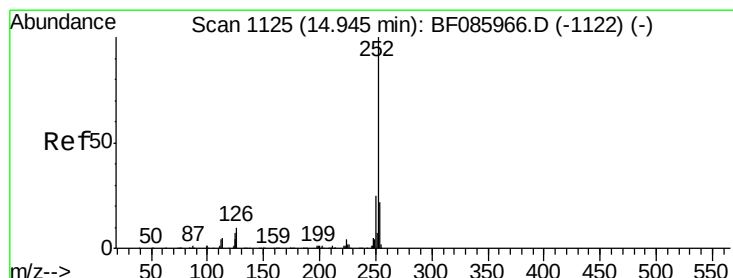
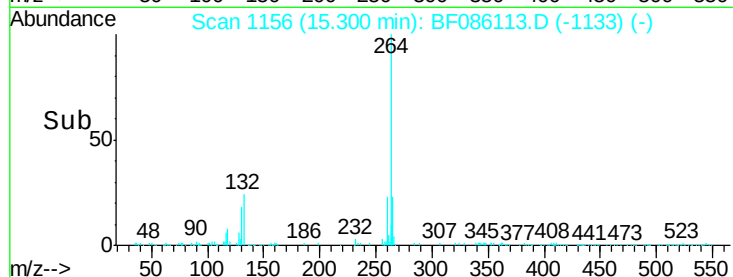
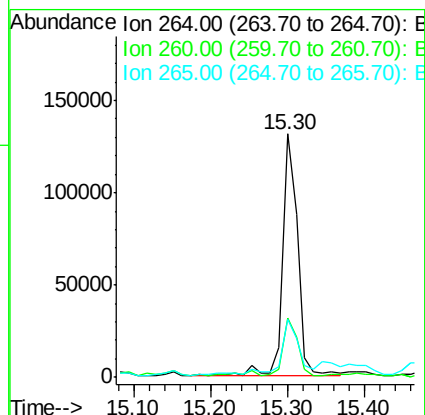
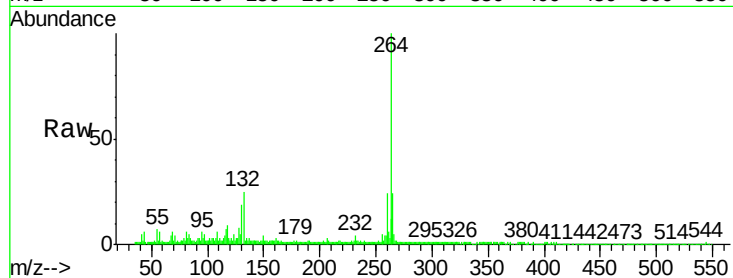




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086113.D
Acq: 6 Apr 2016 22:27

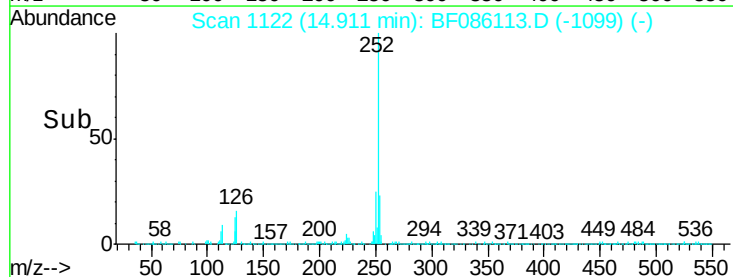
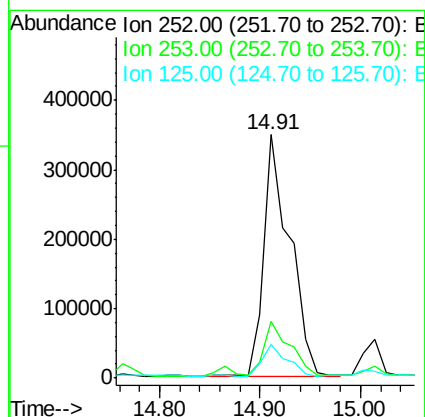
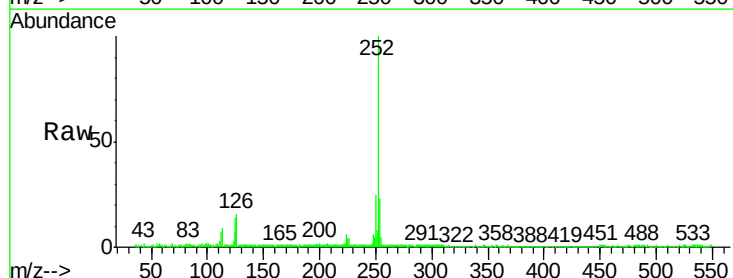
Instrument :
BNA_F
ClientSampleId :
SB03

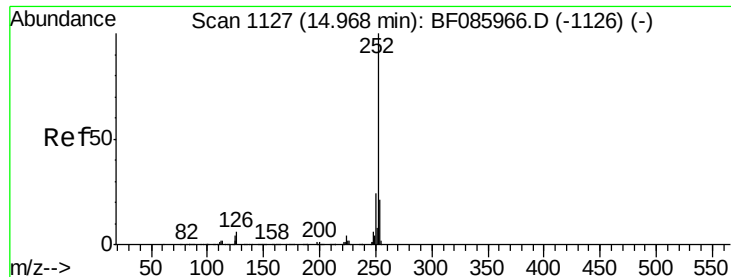
Tgt Ion:264 Resp: 178980
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 23.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 55.45 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF086113.D
Acq: 6 Apr 2016 22:27

Tgt Ion:252 Resp: 624313
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 13.8 10.3 15.5

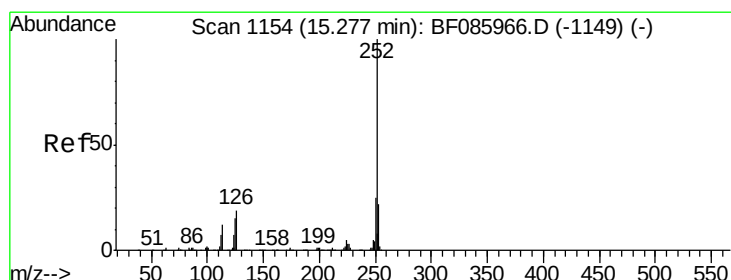
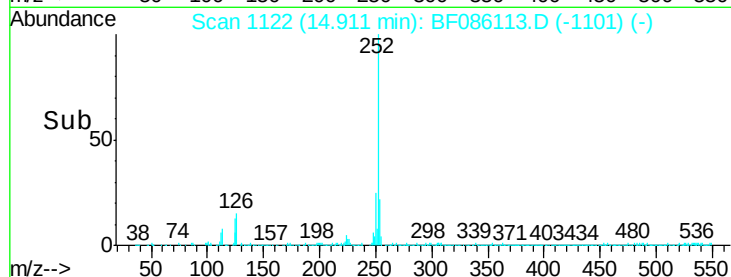
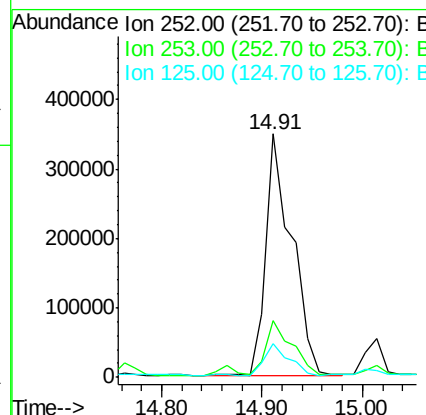
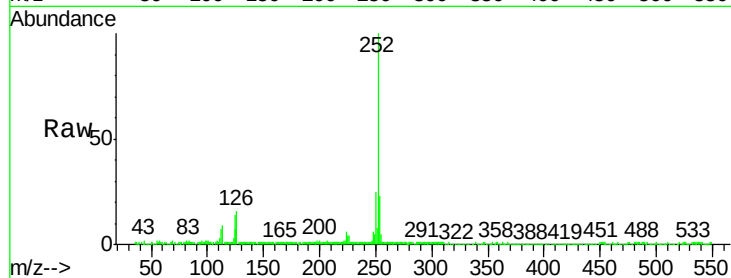




#88
Benzo(k)fluoranthene
Concen: 62.62 ng
RT: 14.91 min Scan# 1127
Delta R.T. -0.06 min
Lab File: BF086113.D
Acq: 6 Apr 2016 22:27

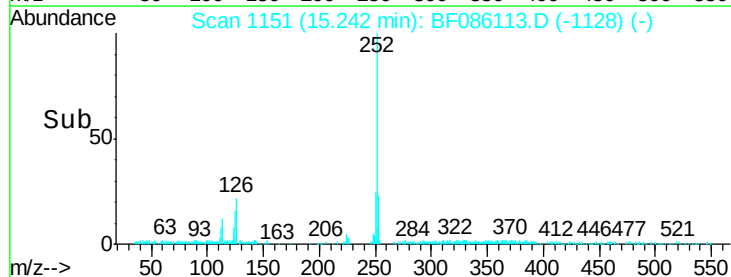
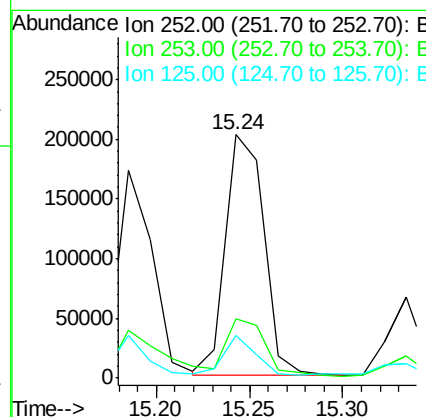
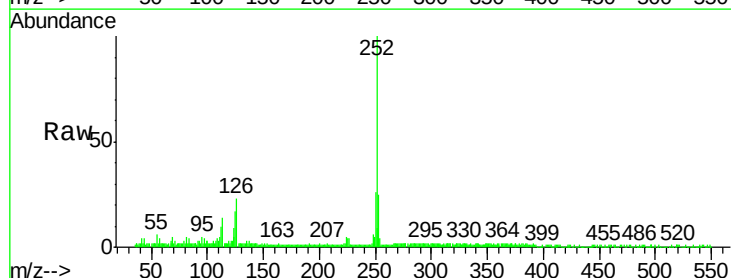
Instrument :
BNA_F
ClientSampleId :
SB03

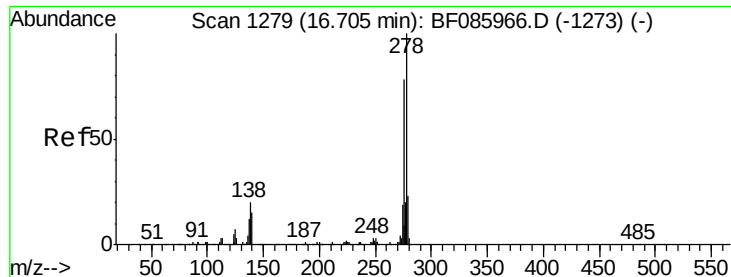
Tgt Ion:252 Resp: 624313
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 13.8 7.7 11.5#



#89
Benzo(a)pyrene
Concen: 28.92 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF086113.D
Acq: 6 Apr 2016 22:27

Tgt Ion:252 Resp: 288474
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.0
125 17.3 10.3 15.5#





#90

Dibenzo(a,h)anthracene

Concen: 4.50 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.06 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

Instrument :

BNA_F

ClientSampled :

SB03

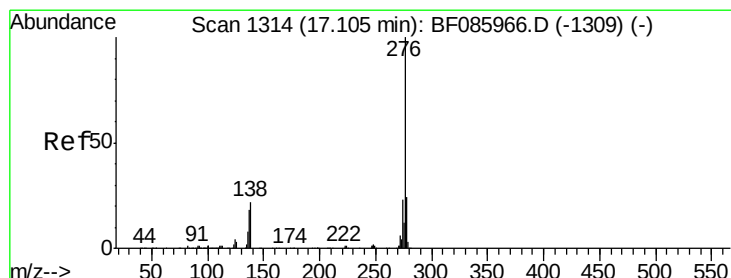
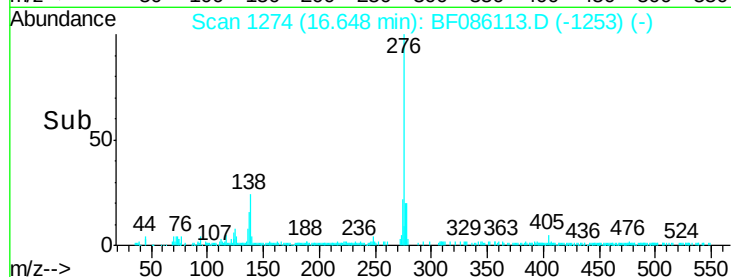
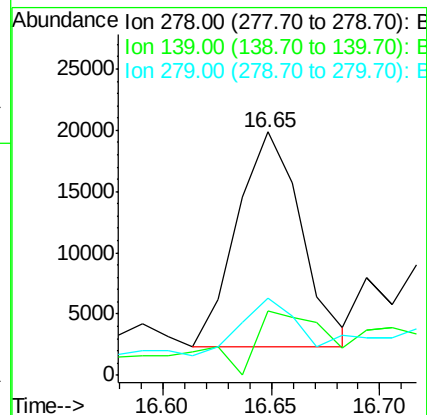
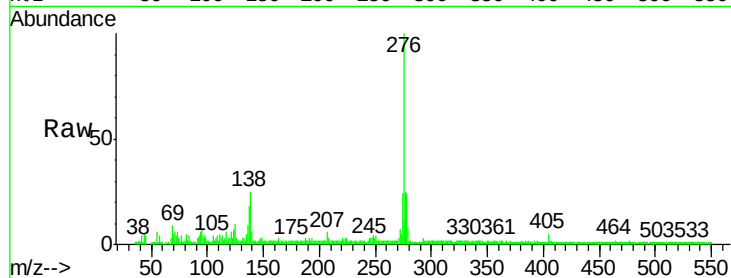
Tgt Ion:278 Resp: 36093

Ion Ratio Lower Upper

278 100

139 26.7 14.4 21.6#

279 31.7 19.1 28.7#



#91

Benzo(g,h,i)perylene

Concen: 17.60 ng

RT: 17.06 min Scan# 1310

Delta R.T. -0.05 min

Lab File: BF086113.D

Acq: 6 Apr 2016 22:27

Tgt Ion:276 Resp: 136685

Ion Ratio Lower Upper

276 100

277 26.5 18.8 28.2

138 26.2 22.6 34.0

