

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083818.D
 Acq On : 15 Dec 2015 15:07
 Operator : UM/IZ
 Sample : G4739-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2

Quant Time: Dec 16 00:47:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	102575	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	397562	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	179423	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	271780	20.00	ng	-0.02
75) Chrysene-d12	14.07	240	193353	20.00	ng	-0.01
86) Perylene-d12	15.51	264	183816	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	805085	126.62	ng	-0.01
7) Phenol-d6	6.53	99	860787	106.90	ng	-0.01
23) Nitrobenzene-d5	7.46	82	547343	77.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	188035	102.85	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	904569	70.13	ng	-0.02
78) Terphenyl-d14	13.01	244	601202	66.88	ng	-0.01

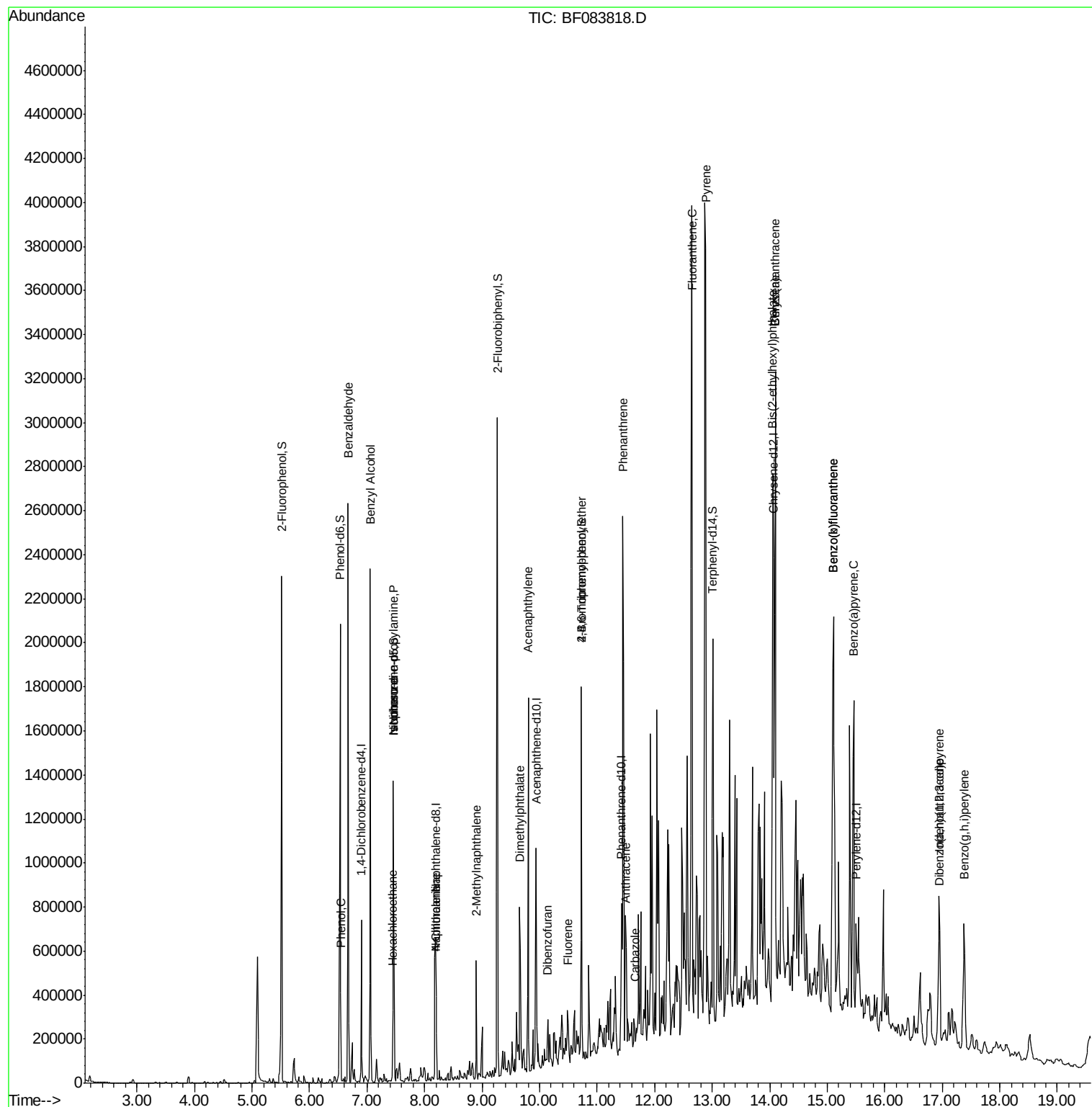
Target Compounds				Qvalue		
9) Benzaldehyde	6.67	77	18175	4.20	ng	89
10) Phenol	6.54	94	23808	2.57	ng	84
15) Benzyl Alcohol	7.06	79	12922	2.18	ng	# 55
18) Hexachloroethane	7.45	117	6359	2.23	ng	# 15
19) n-Nitroso-di-n-propylamine	7.46	70	73552	14.92	ng	# 71
25) Isophorone	7.46	82	472989	33.93	ng	# 69
31) Naphthalene	8.20	128	203109	9.80	ng	99
33) 4-Chloroaniline	8.20	127	26783	3.16	ng	# 27
37) 2-Methylnaphthalene	8.90	142	116653	8.97	ng	97
48) Acenaphthylene	9.80	152	671114	33.98	ng	99
49) Dimethylphthalate	9.65	163	257571	18.41	ng	100
54) Dibenzofuran	10.14	168	39413	2.49	ng	# 81
57) Fluorene	10.49	166	119408	9.59	ng	97
66) 4-Bromophenyl-phenylether	10.73	248	13523	4.45	ng	# 1
70) Phenanthrene	11.45	178	1297172	89.85	ng	98
71) Anthracene	11.50	178	356962	23.81	ng	100
72) Carbazole	11.65	167	29361	2.10	ng	# 89
74) Fluoranthene	12.65	202	1674150	112.22	ng	97
77) Pyrene	12.89	202	2797495	183.06	ng	96
80) Benzo(a)anthracene	14.10	228	1148864	104.49	ng	93
82) Chrysene	14.10	228	1148864	107.13	ng	97
83) Bis(2-ethylhexyl)phthalate	14.05	149	21898	2.93	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.95	276	465769	44.22	ng	# 100
87) Benzo(b)fluoranthene	15.11	252	1529497	130.43	ng	# 97
88) Benzo(k)fluoranthene	15.11	252	1529497	143.94	ng	99
89) Benzo(a)pyrene	15.46	252	642588	61.41	ng	# 96
90) Dibenzo(a,h)anthracene	16.96	278	134517	12.93	ng	96
91) Benzo(g,h,i)perylene	17.38	276	476064	44.51	ng	99

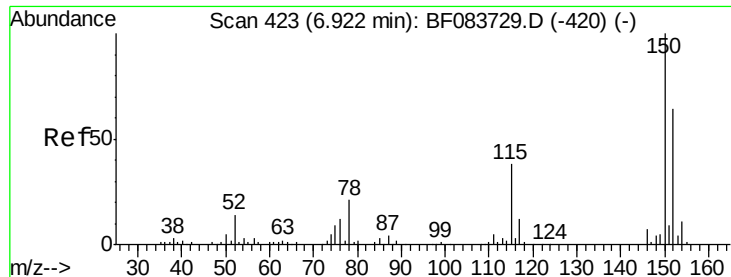
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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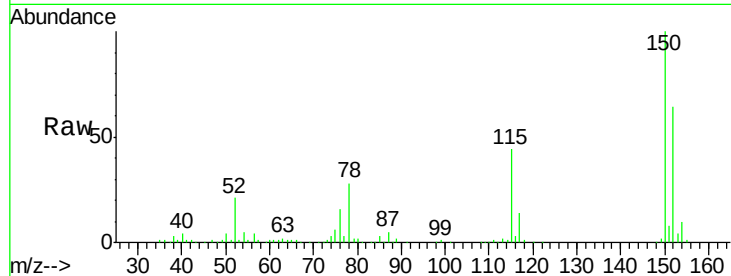


#1

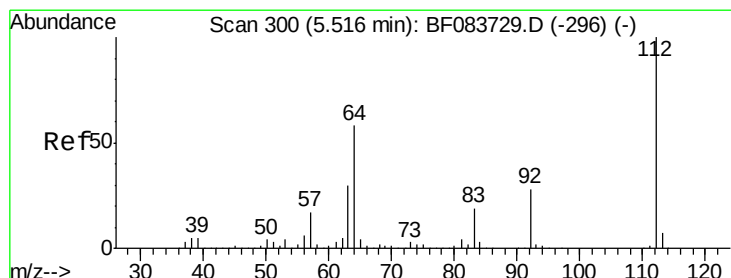
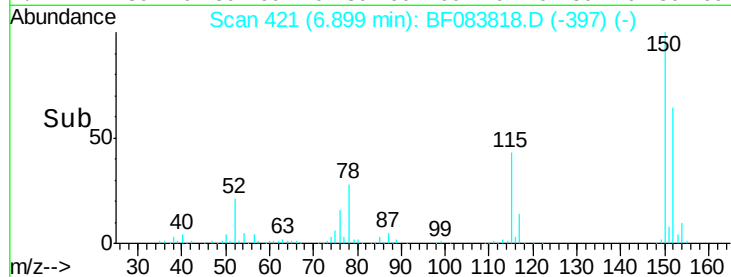
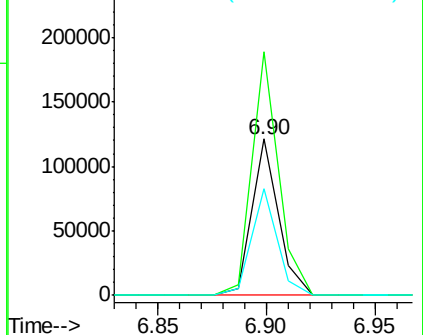
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083818.D
Acq: 15 Dec 2015 15:07

Instrument :
BNA_F
ClientSampled :
K206-0-2

Tgt Ion:152 Resp: 102575
Ion Ratio Lower Upper
152 100
150 156.0 126.5 189.7
115 68.2 52.3 78.5



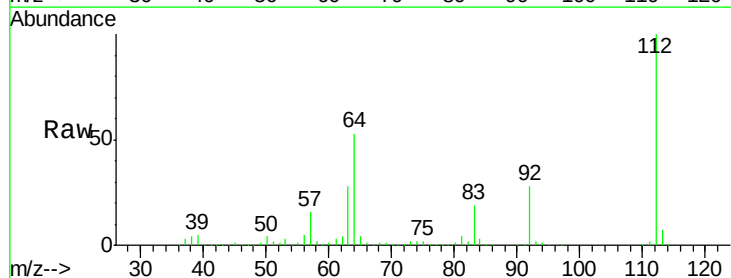
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



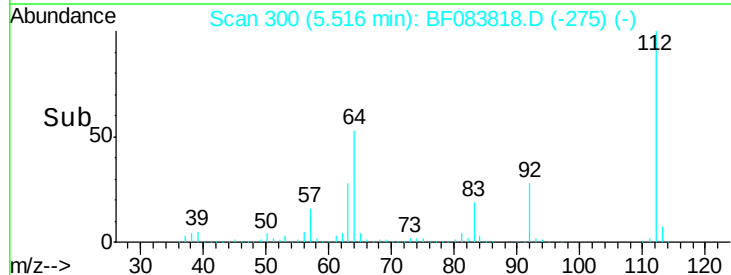
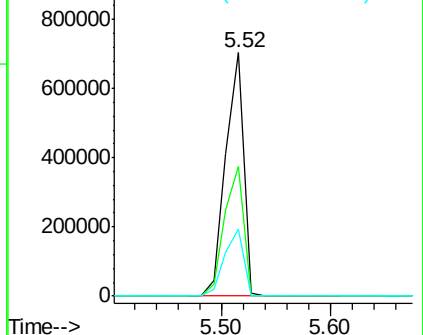
#5

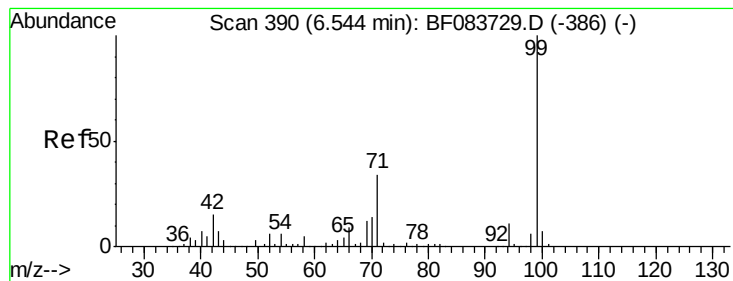
2-Fluorophenol
Concen: 126.62 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083818.D
Acq: 15 Dec 2015 15:07

Tgt Ion:112 Resp: 805085
Ion Ratio Lower Upper
112 100
64 53.3 50.5 75.7
63 27.7 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.90 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

Instrument :

BNA_F

ClientSampleId :

K206-0-2

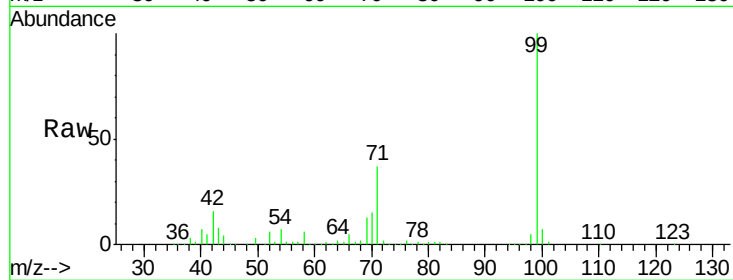
Tgt Ion: 99 Resp: 860787

Ion Ratio Lower Upper

99 100

42 16.2 17.3 25.9#

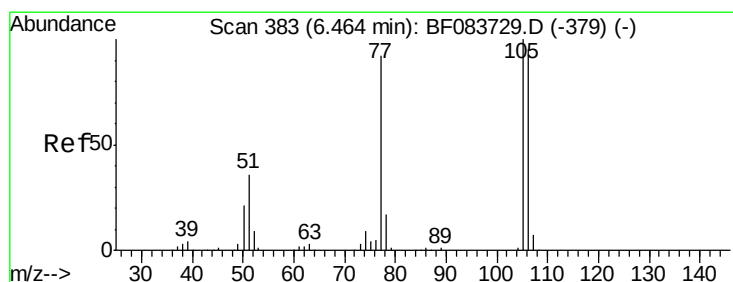
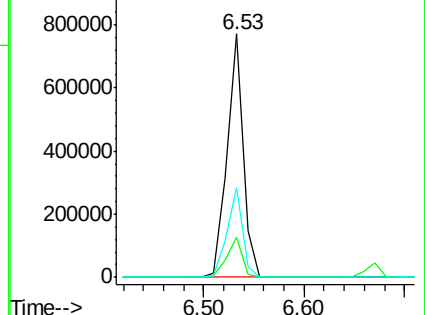
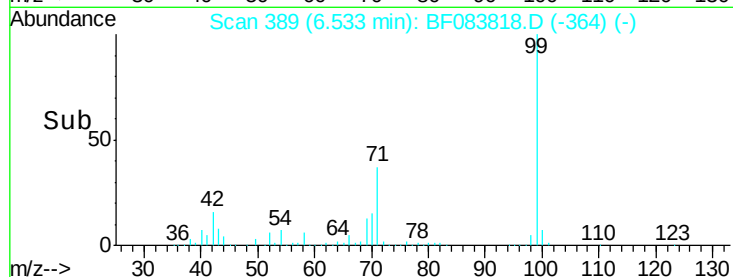
71 36.9 26.6 40.0



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



#9

Benzaldehyde

Concen: 4.20 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

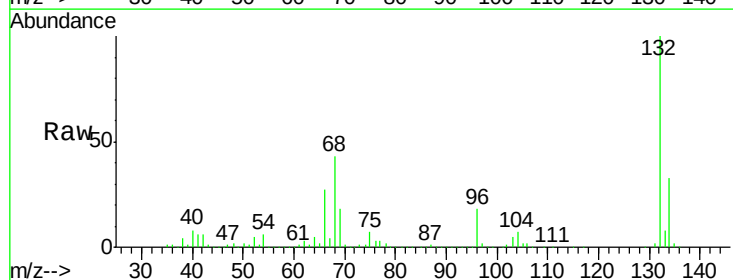
Tgt Ion: 77 Resp: 18175

Ion Ratio Lower Upper

77 100

105 76.6 71.8 111.8

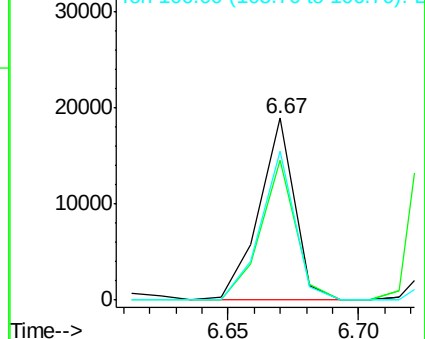
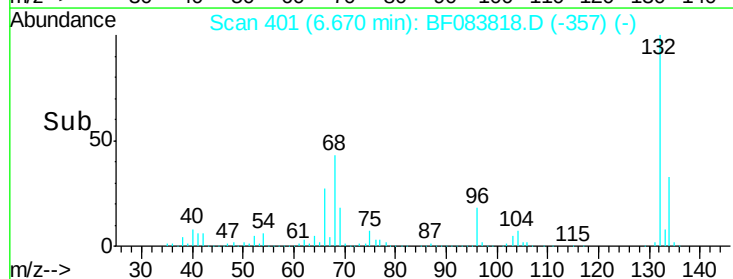
106 82.0 66.8 106.8

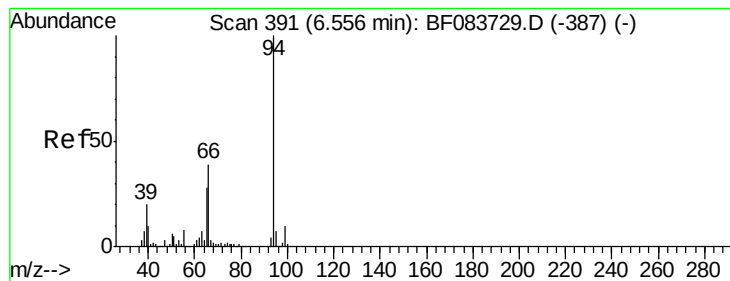


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.57 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

Instrument :

BNA_F

ClientSampleId :

K206-0-2

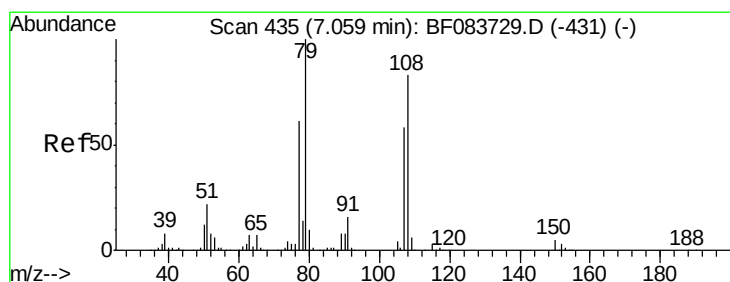
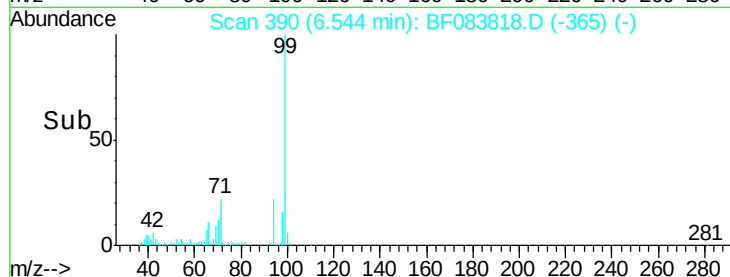
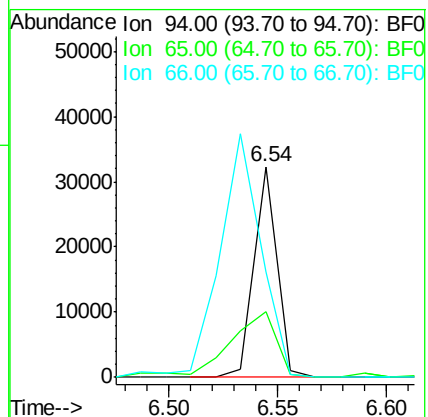
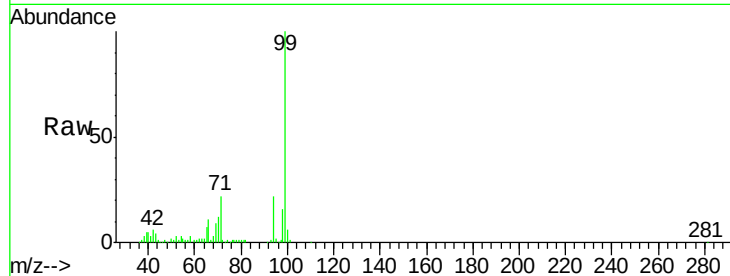
Tgt Ion: 94 Resp: 23808

Ion Ratio Lower Upper

94 100

65 31.1 20.9 60.9

66 49.8 41.6 81.6



#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

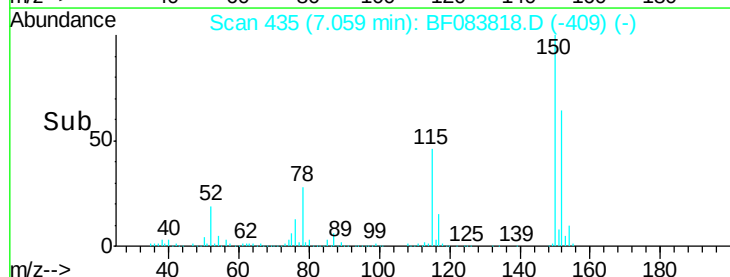
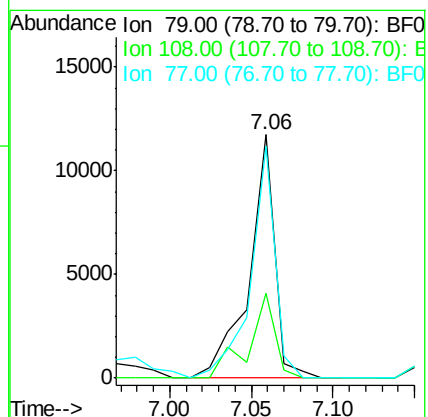
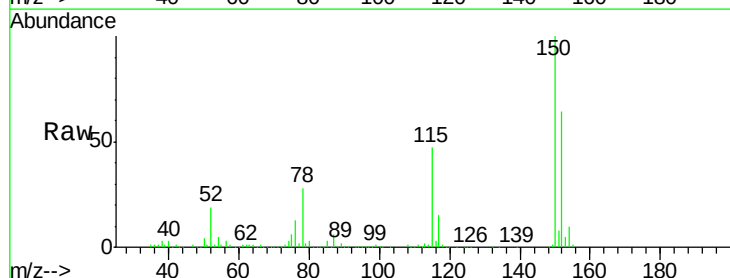
Tgt Ion: 79 Resp: 12922

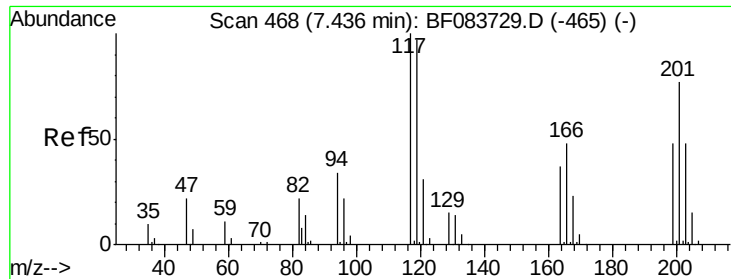
Ion Ratio Lower Upper

79 100

108 34.8 59.6 89.4#

77 95.4 49.8 74.6#

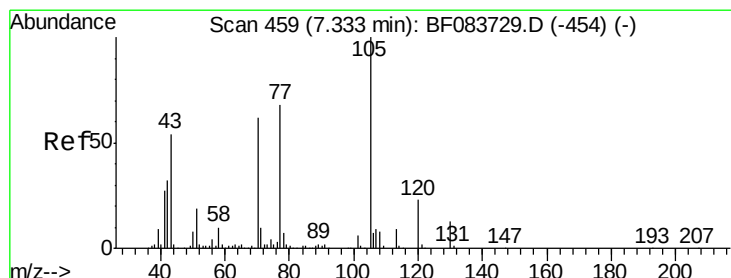
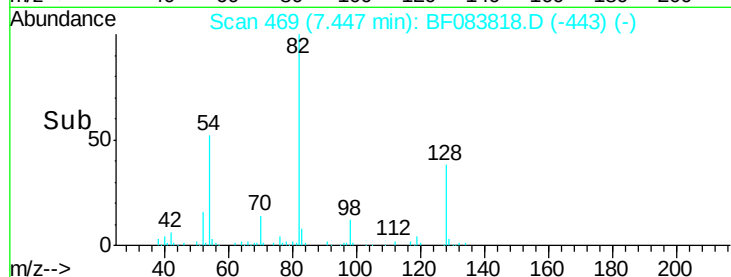
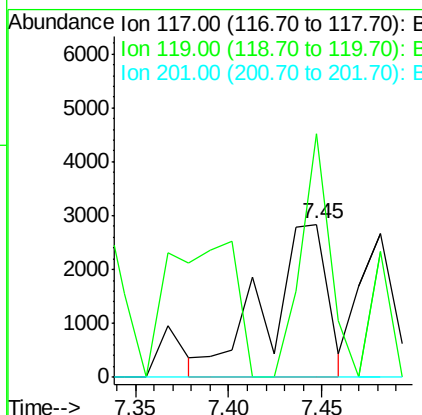
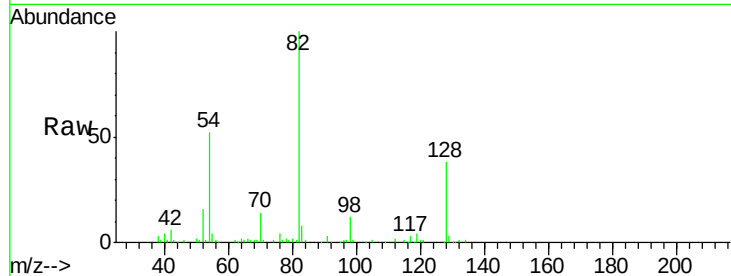




#18
Hexachloroethane
Concen: 2.23 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF083818.D
Acq: 15 Dec 2015 15:07

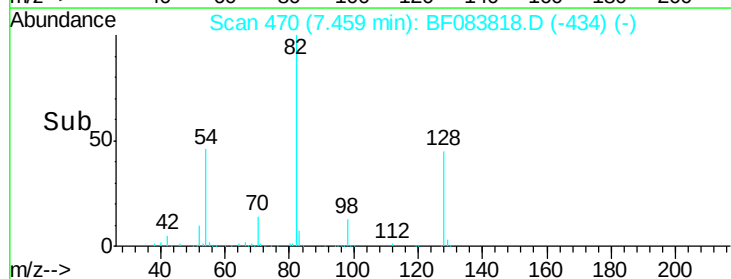
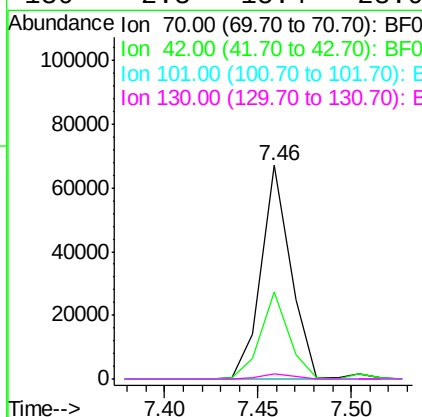
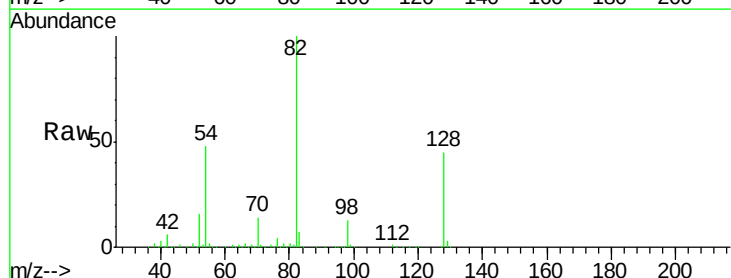
Instrument :
BNA_F
ClientSampleId :
K206-0-2

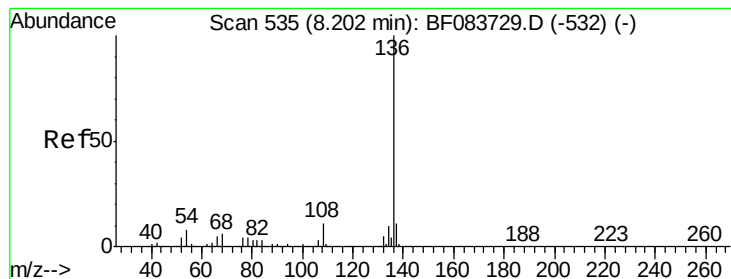
Tgt Ion: 117 Resp: 6359
Ion Ratio Lower Upper
117 100
119 159.1 77.2 115.8#
201 0.0 86.8 130.2#



#19
n-Nitroso-di-n-propylamine
Concen: 14.92 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083818.D
Acq: 15 Dec 2015 15:07

Tgt Ion: 70 Resp: 73552
Ion Ratio Lower Upper
70 100
42 40.8 49.2 73.8#
101 0.0 7.1 10.7#
130 2.3 15.4 23.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

Instrument :

BNA_F

ClientSampleId :

K206-0-2

Tgt Ion: 136 Resp: 397562

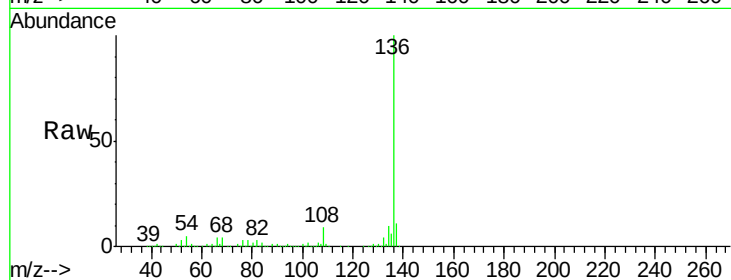
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 4.8 7.8 11.6#

68 4.2 5.7 8.5#



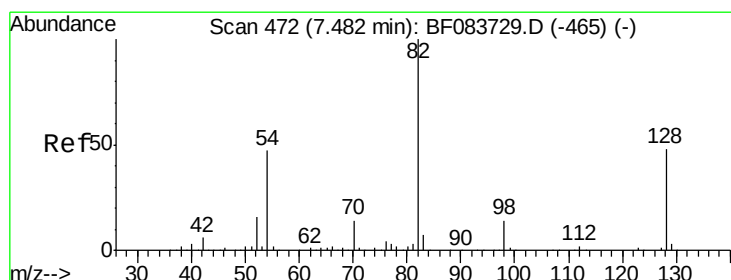
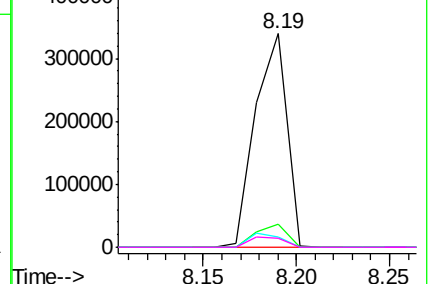
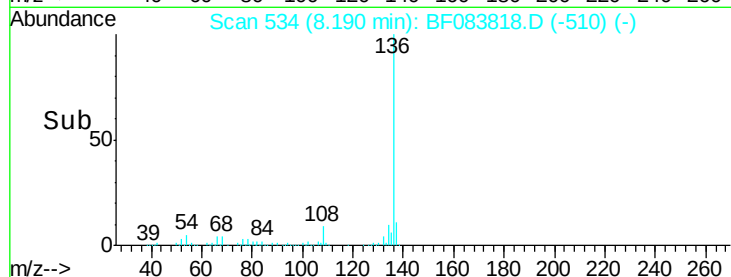
Abundance

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: 77.03 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

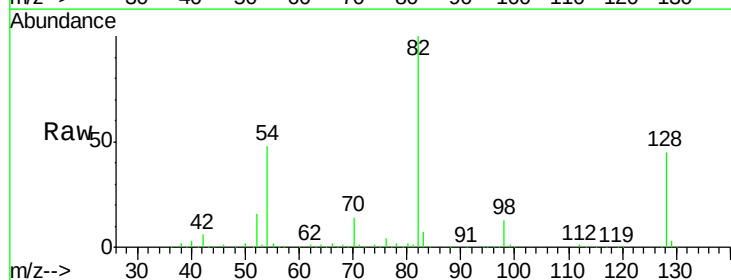
Tgt Ion: 82 Resp: 547343

Ion Ratio Lower Upper

82 100

128 44.6 30.7 46.1

54 47.8 42.5 63.7

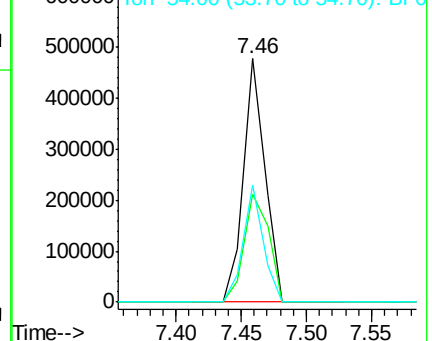
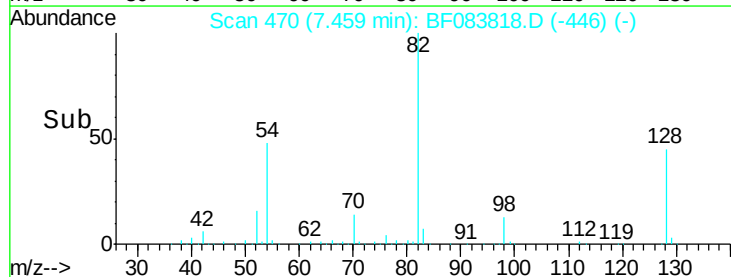


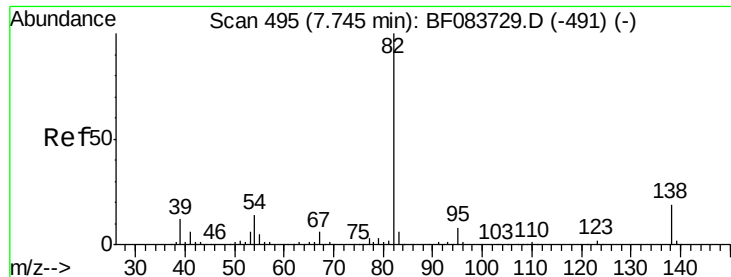
Abundance

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: 33.93 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.29 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

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BNA_F

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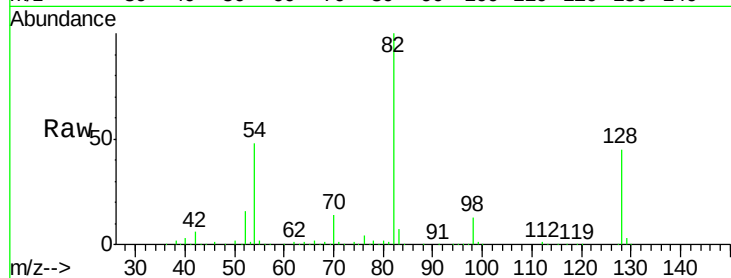
Tgt Ion: 82 Resp: 472989

Ion Ratio Lower Upper

82 100

95 0.1 5.0 7.4#

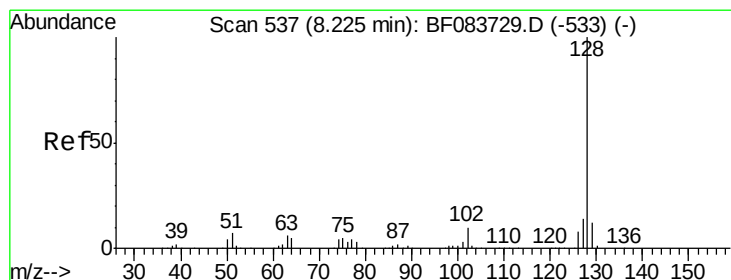
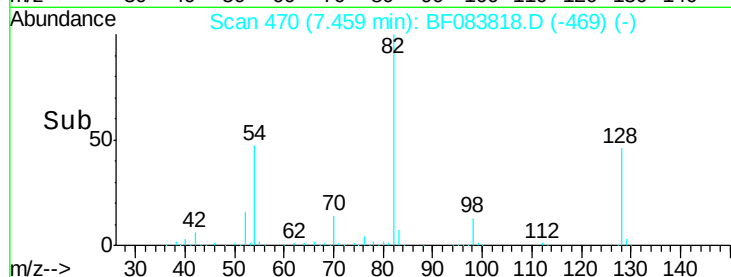
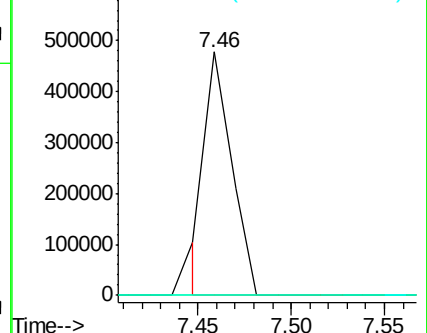
138 0.0 12.1 18.1#



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): E



#31

Naphthalene

Concen: 9.80 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.03 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

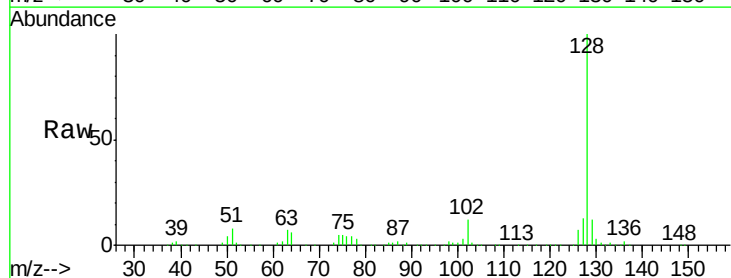
Tgt Ion: 128 Resp: 203109

Ion Ratio Lower Upper

128 100

129 11.9 8.6 13.0

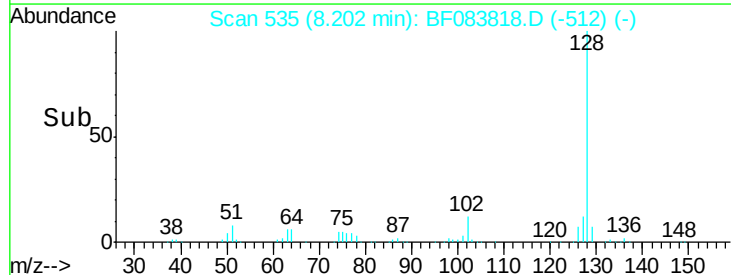
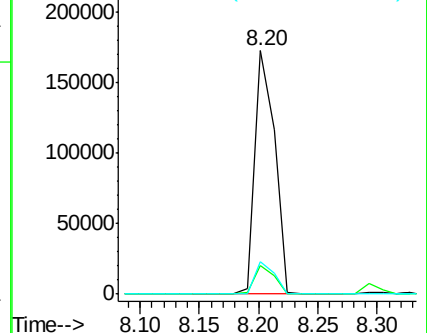
127 13.2 10.6 16.0

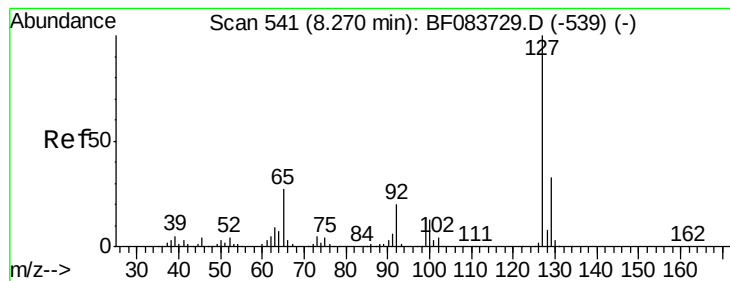


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#33

4-Chloroaniline

Concen: 3.16 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.07 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

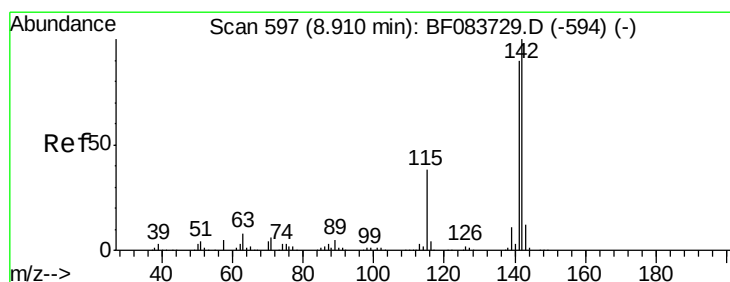
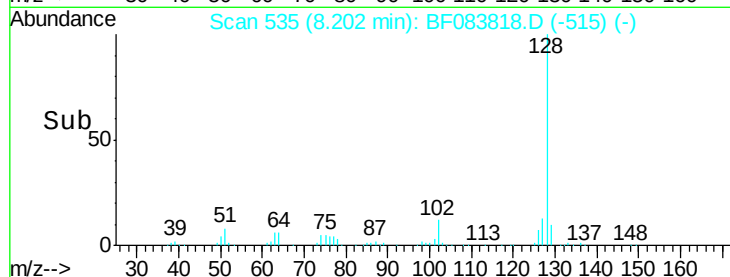
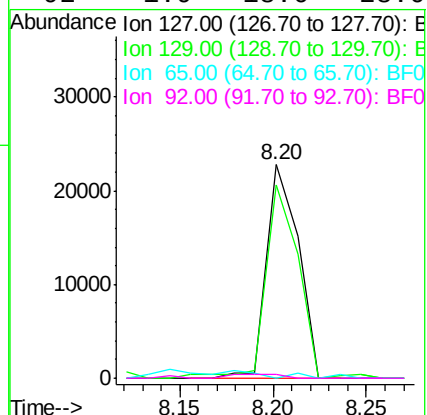
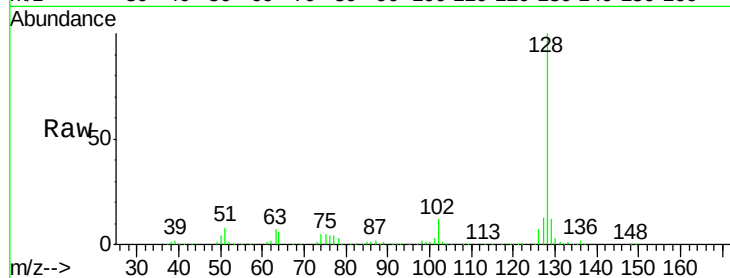
Instrument :

BNA_F

ClientSampleId :

K206-0-2

Tgt Ion:	127	Resp:	26783
Ion	Ratio	Lower	Upper
127	100		
129	90.2	26.1	39.1#
65	0.0	33.5	50.3#
92	1.9	18.6	28.0#



#37

2-Methylnaphthalene

Concen: 8.97 ng

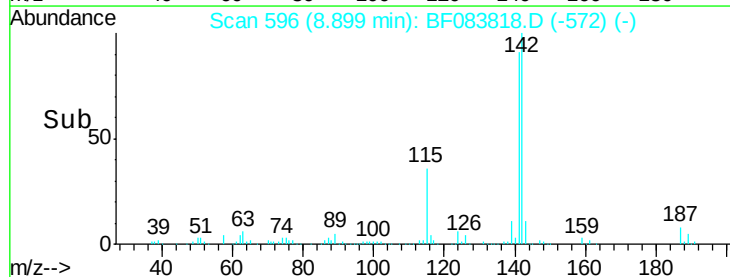
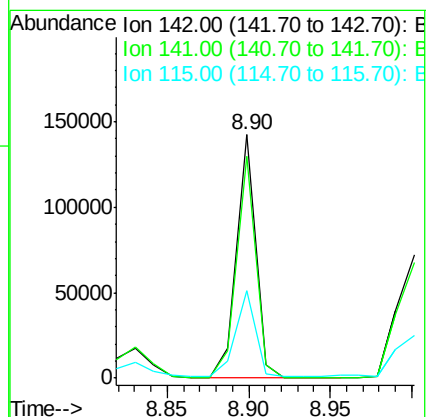
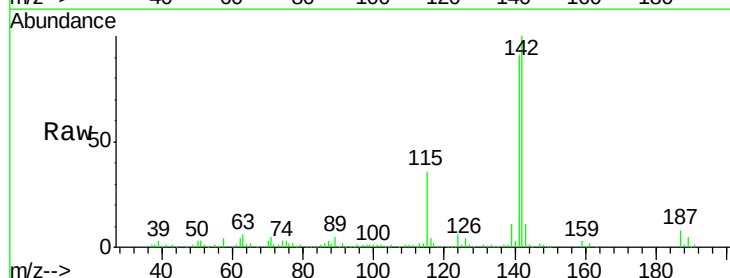
RT: 8.90 min Scan# 596

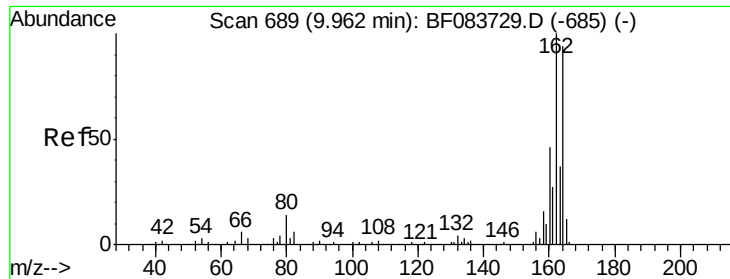
Delta R.T. -0.02 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

Tgt Ion:	142	Resp:	116653
Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.3	105.5
115	36.0	29.2	43.8

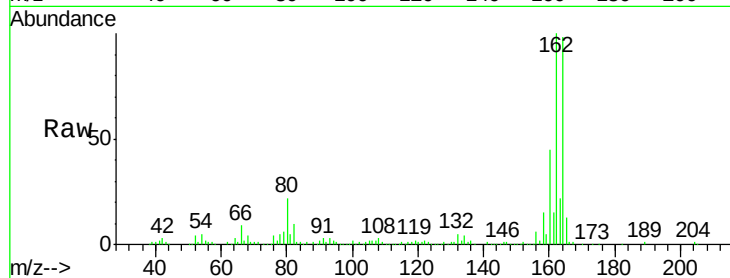




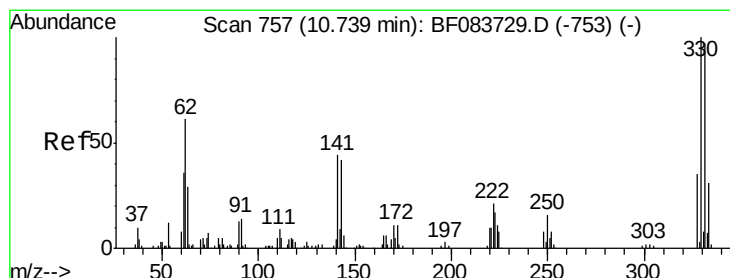
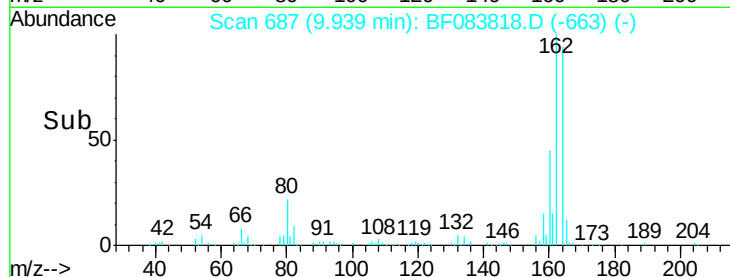
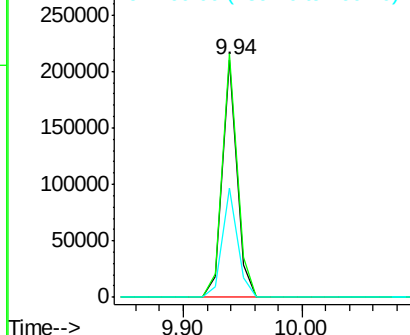
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083818.D
Acq: 15 Dec 2015 15:07

Instrument :
BNA_F
ClientSampleId :
K206-0-2

Tgt Ion:164 Resp: 179423
Ion Ratio Lower Upper
164 100
162 102.4 78.8 118.2
160 46.0 33.4 50.2

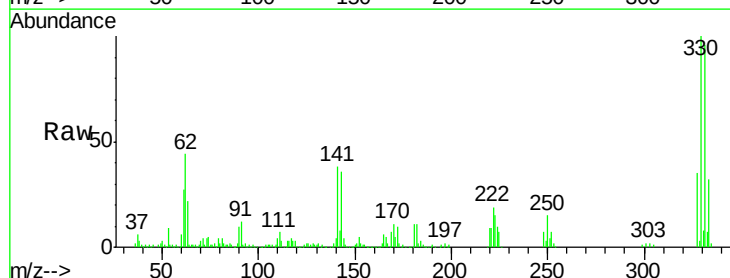


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

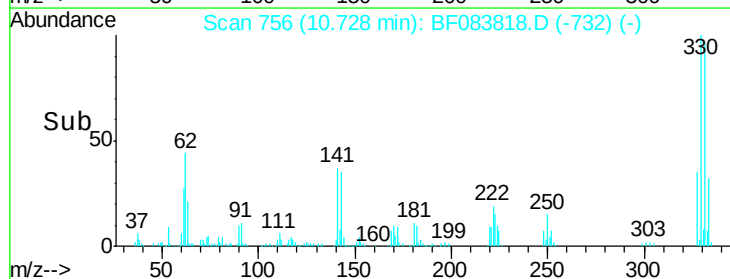
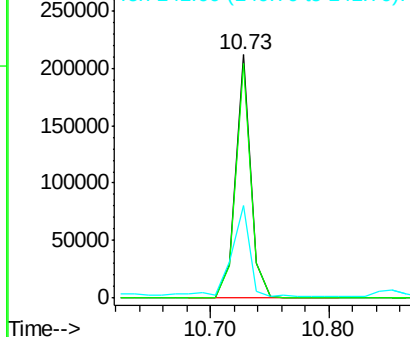


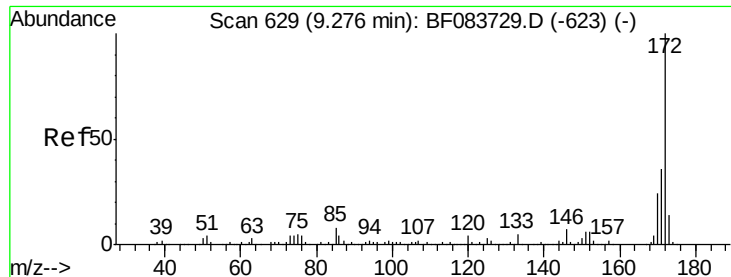
#41
2,4,6-Tribromophenol
Concen: 102.85 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083818.D
Acq: 15 Dec 2015 15:07

Tgt Ion:330 Resp: 188035
Ion Ratio Lower Upper
330 100
332 97.3 0.0 0.0#
141 46.9 0.0 0.0#



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

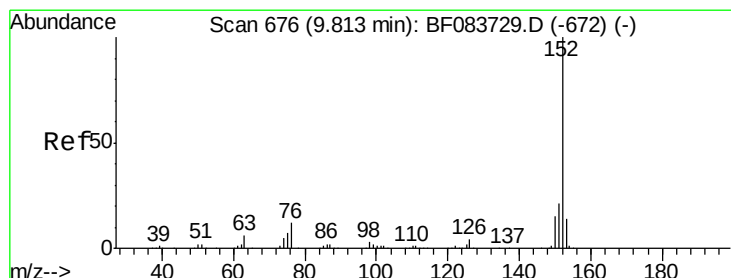
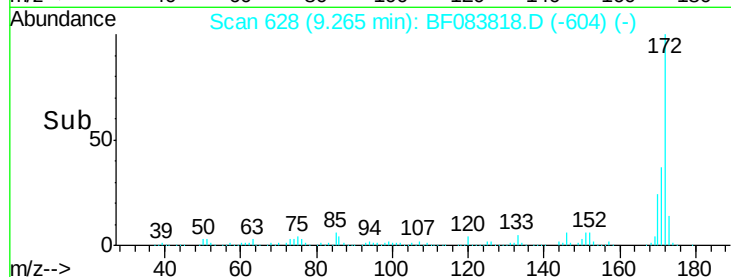
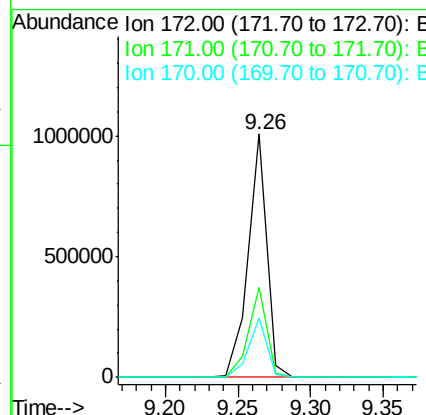
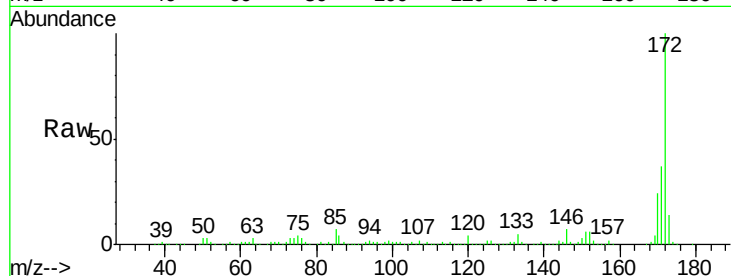




#44
2-Fluorobiphenyl
Concen: 70.13 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF083818.D
Acq: 15 Dec 2015 15:07

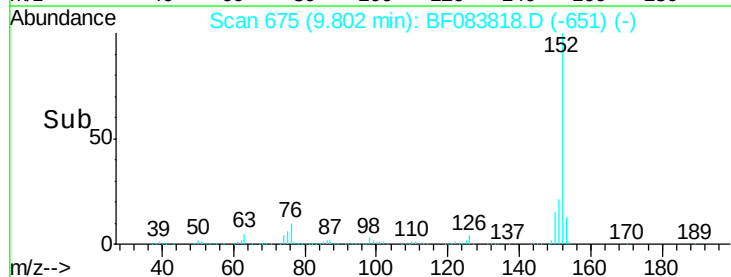
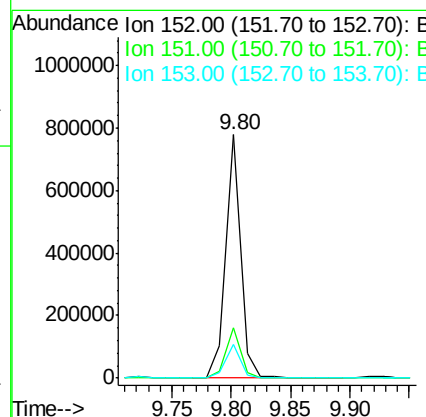
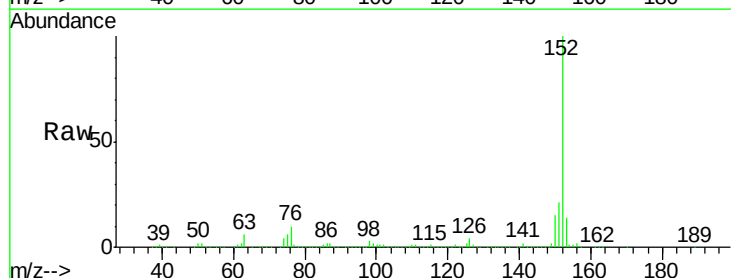
Instrument :
BNA_F
ClientSampleId :
K206-0-2

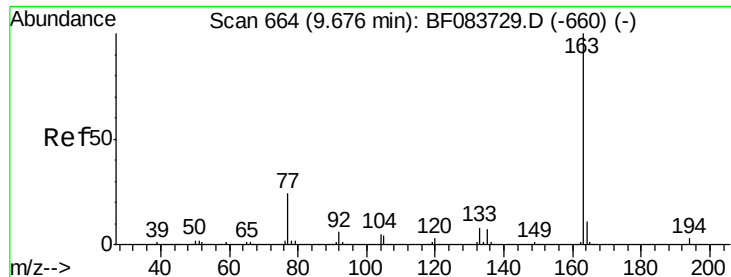
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	42.8
170	24.5	19.4	29.0



#48
Acenaphthylene
Concen: 33.98 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF083818.D
Acq: 15 Dec 2015 15:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.9	10.8	16.2

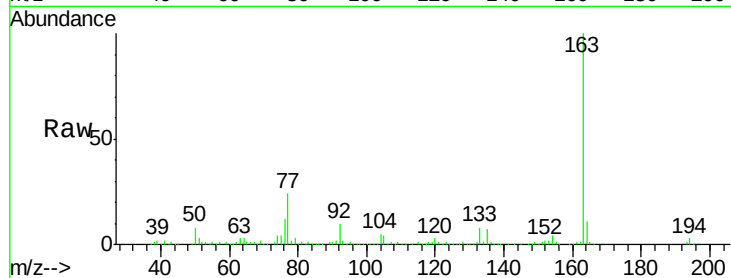




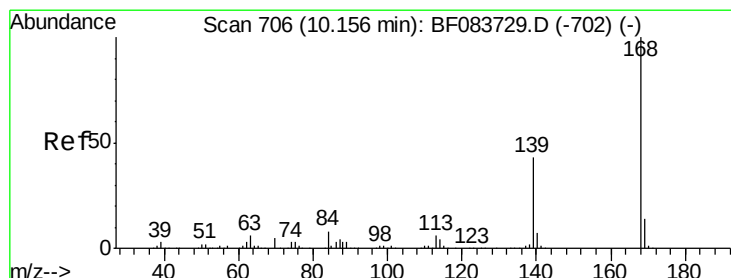
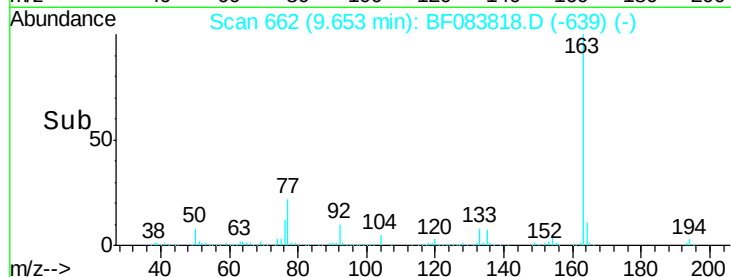
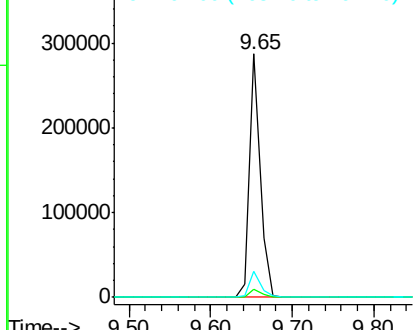
#49
Dimethylphthalate
Concen: 18.41 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF083818.D
Acq: 15 Dec 2015 15:07

Instrument :
BNA_F
ClientSampleId :
K206-0-2

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.7	8.6	13.0

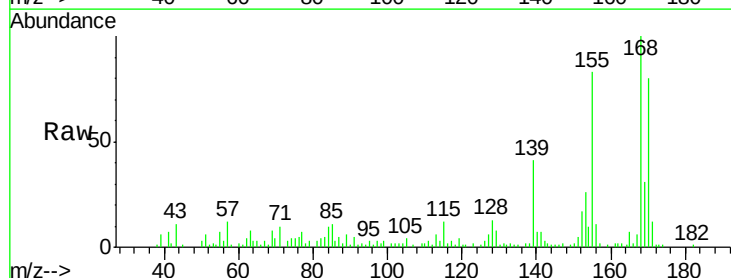


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

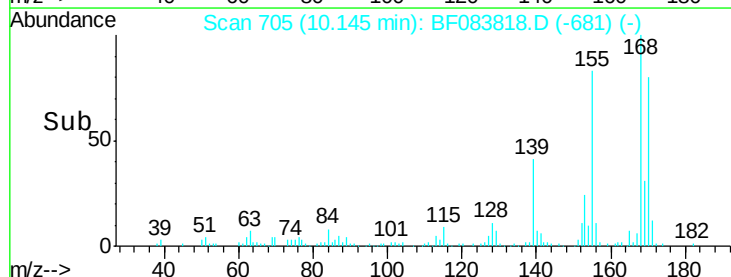
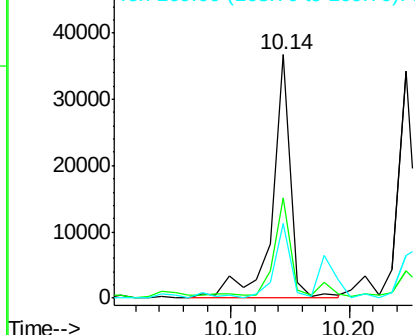


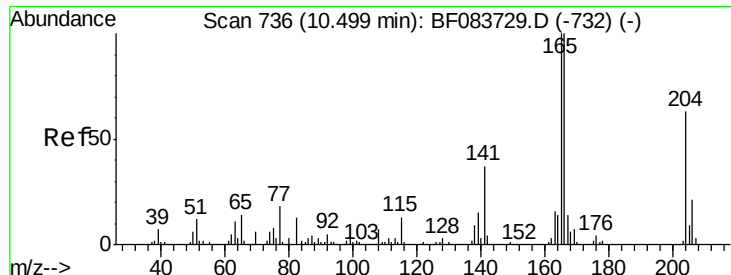
#54
Dibenzofuran
Concen: 2.49 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF083818.D
Acq: 15 Dec 2015 15:07

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	28.0	42.0
169	30.7	10.8	16.2#



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

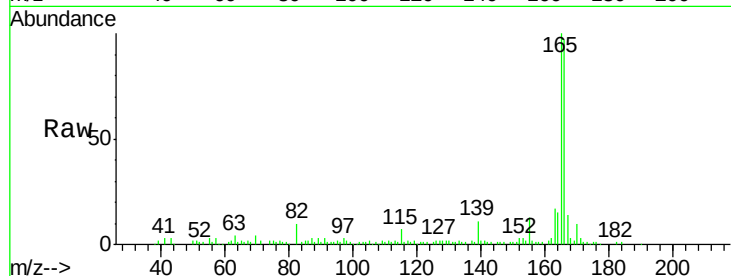




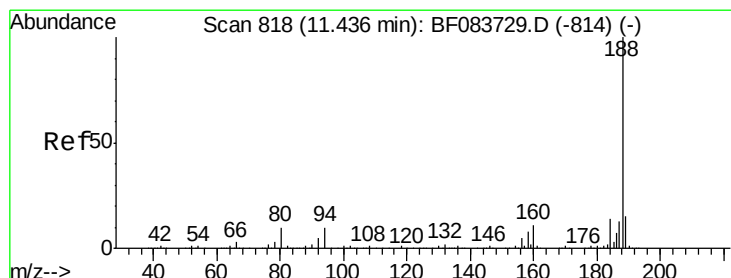
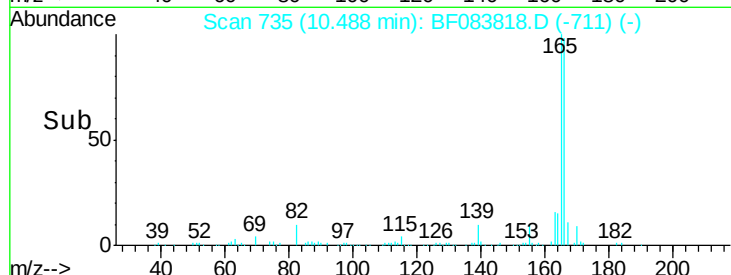
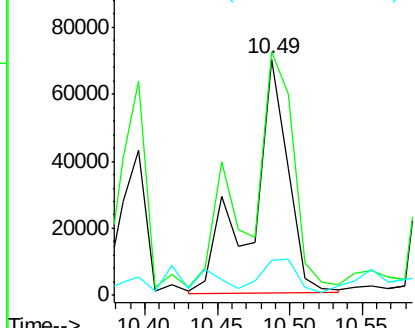
#57
Fluorene
 Concen: 9.59 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF083818.D
 Acq: 15 Dec 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 K206-0-2

Tgt Ion:166 Resp: 119408
 Ion Ratio Lower Upper
 166 100
 165 103.0 80.0 120.0
 167 14.7 10.6 16.0

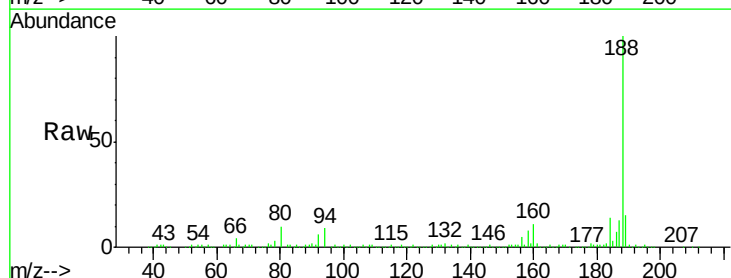


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

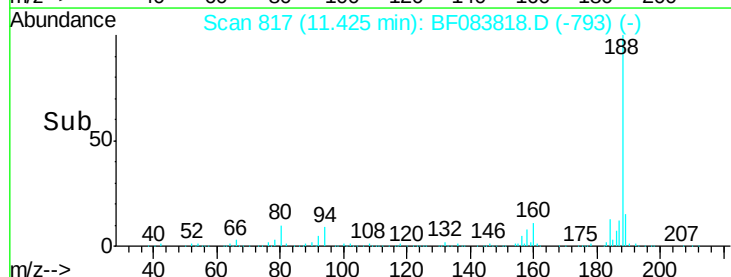
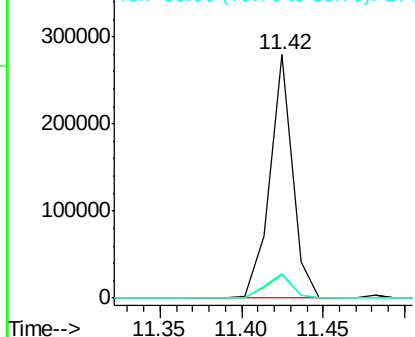


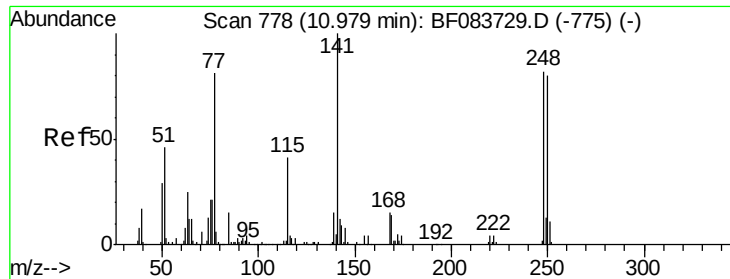
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF083818.D
 Acq: 15 Dec 2015 15:07

Tgt Ion:188 Resp: 271780
 Ion Ratio Lower Upper
 188 100
 94 9.4 9.4 14.2
 80 10.1 10.6 16.0#



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

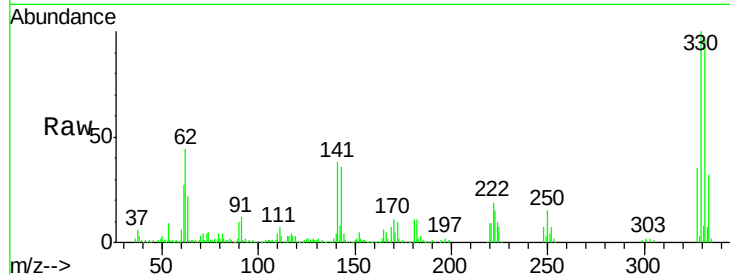




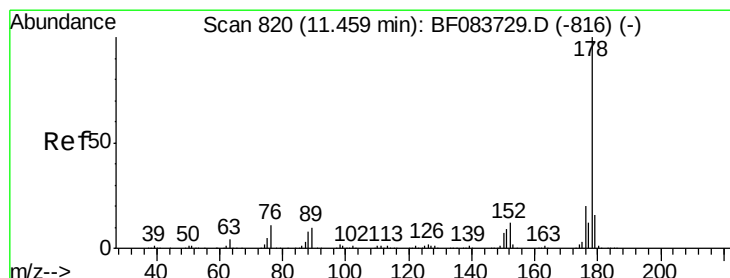
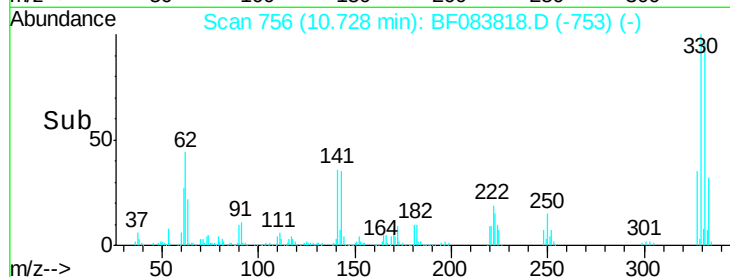
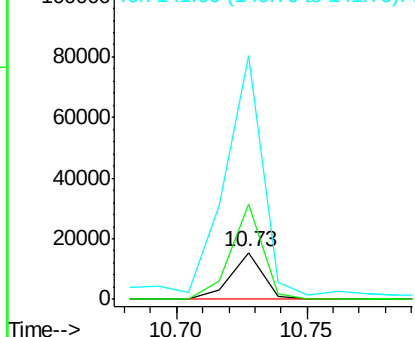
#66
 4-Bromophenyl-phenylether
 Concen: 4.45 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083818.D
 Acq: 15 Dec 2015 15:07

Instrument :
 BNA_F
 ClientSampled :
 K206-0-2

Tgt Ion:248 Resp: 13523
 Ion Ratio Lower Upper
 248 100
 250 201.8 79.2 118.8#
 141 517.2 58.2 87.4#

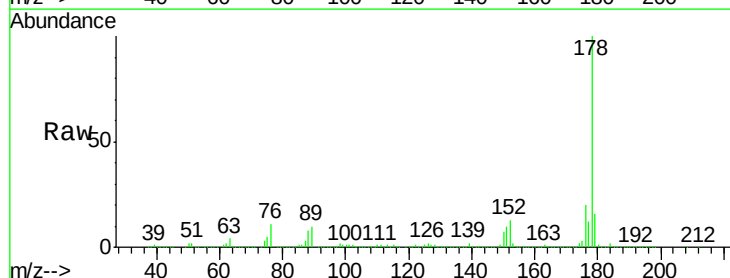


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

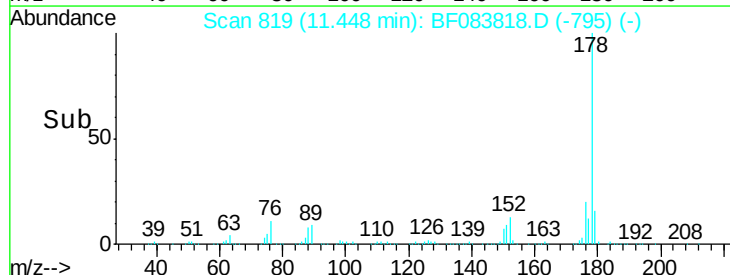
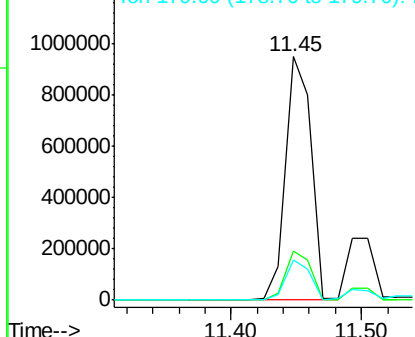


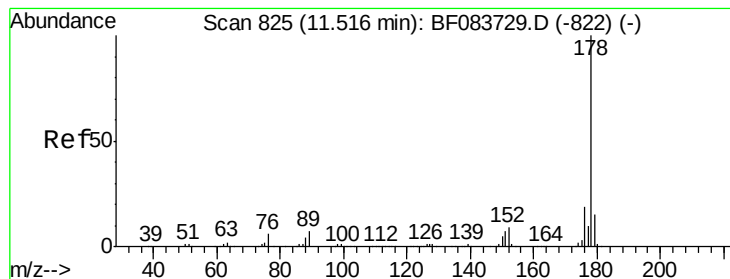
#70
 Phenanthrene
 Concen: 89.85 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF083818.D
 Acq: 15 Dec 2015 15:07

Tgt Ion:178 Resp: 1297172
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.7 23.5
 179 16.3 12.2 18.4



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





#71

Anthracene

Concen: 23.81 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

Instrument :

BNA_F

ClientSampleId :

K206-0-2

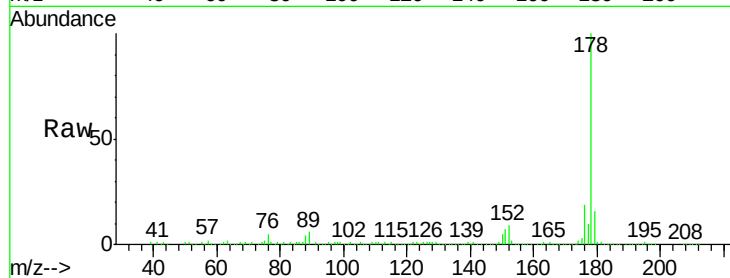
Tgt Ion:178 Resp: 356962

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

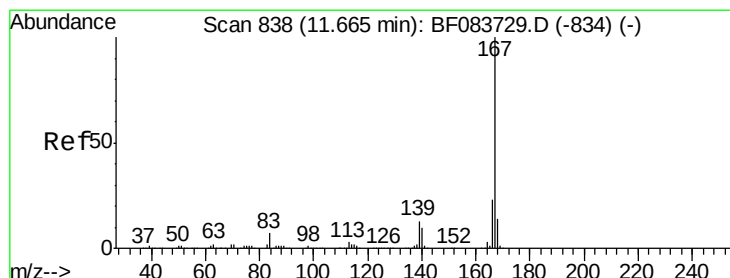
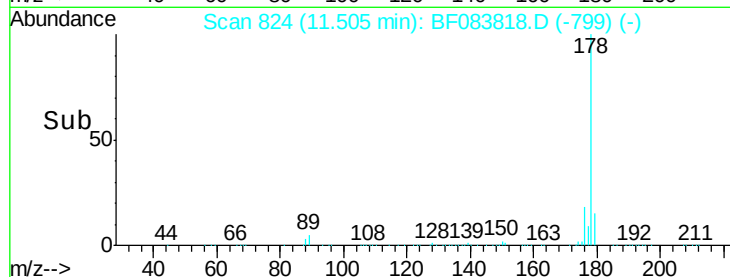
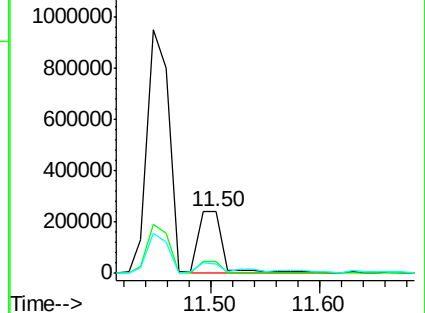
179 15.6 12.6 18.8



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



#72

Carbazole

Concen: 2.10 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

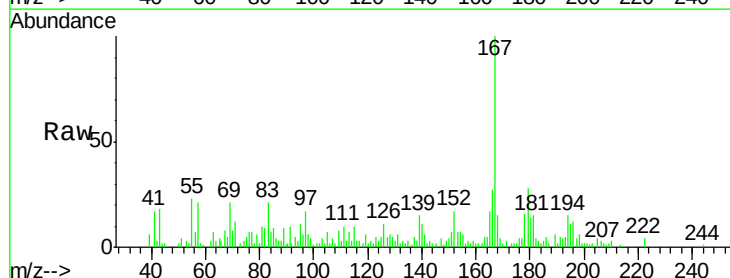
Tgt Ion:167 Resp: 29361

Ion Ratio Lower Upper

167 100

166 26.8 17.2 25.8#

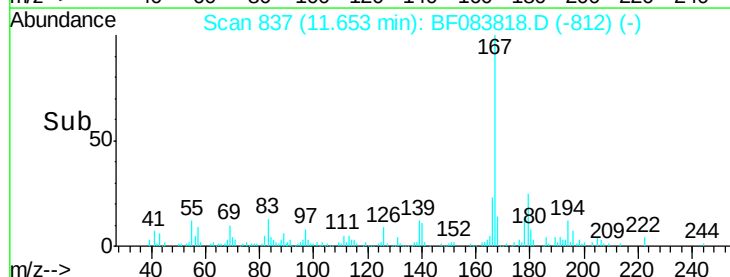
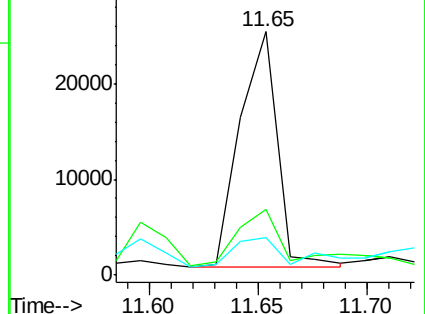
139 15.2 9.3 13.9#

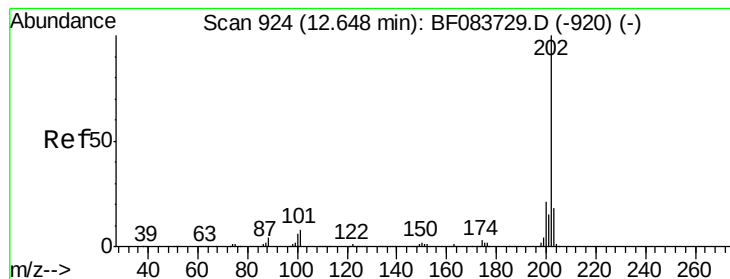


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 112.22 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

Instrument :

BNA_F

ClientSampleId :

K206-0-2

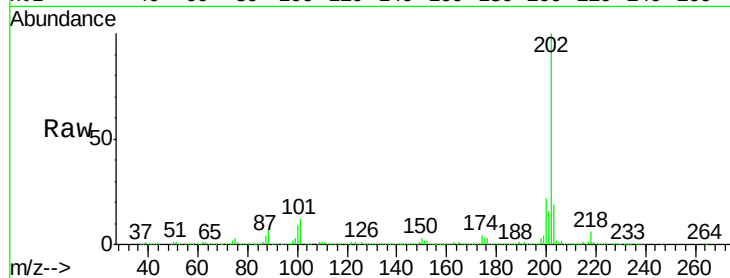
Tgt Ion:202 Resp: 1674150

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.5

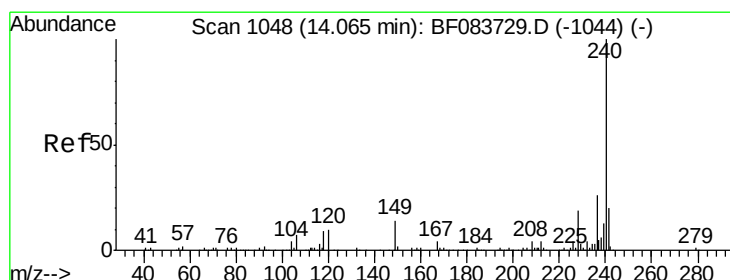
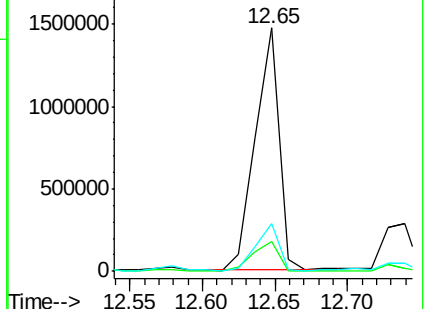
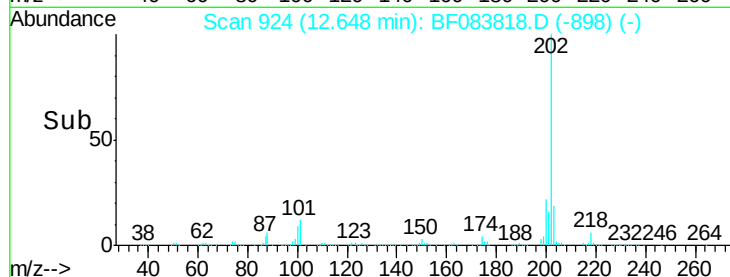
203 19.4 0.0 37.6



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: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

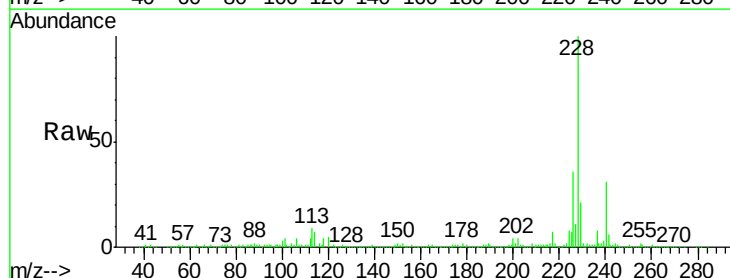
Tgt Ion:240 Resp: 193353

Ion Ratio Lower Upper

240 100

120 15.4 8.1 12.1#

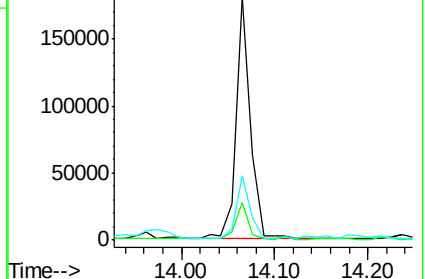
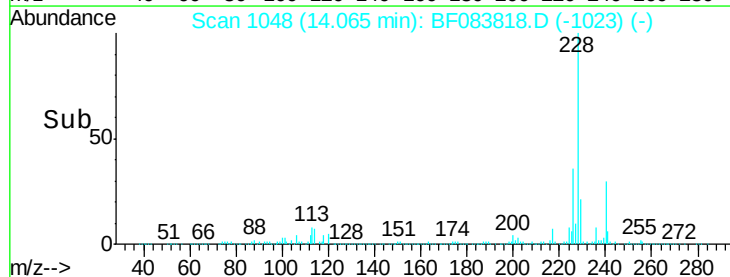
236 26.3 20.8 31.2

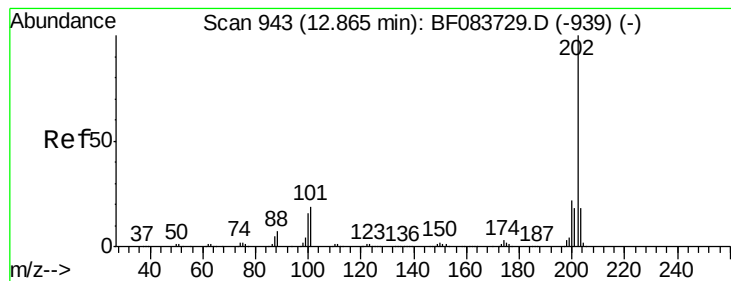


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 183.06 ng

RT: 12.89 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

Instrument :

BNA_F

ClientSampleId :

K206-0-2

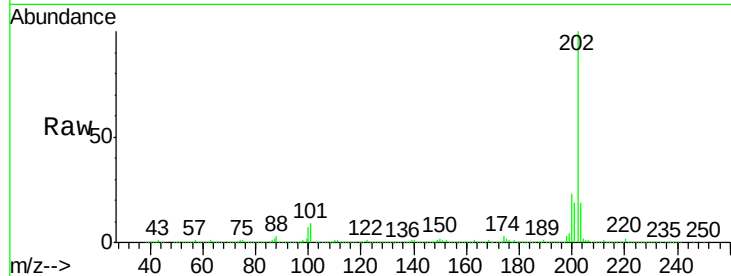
Tgt Ion:202 Resp: 2797495

Ion Ratio Lower Upper

202 100

200 23.0 16.7 25.1

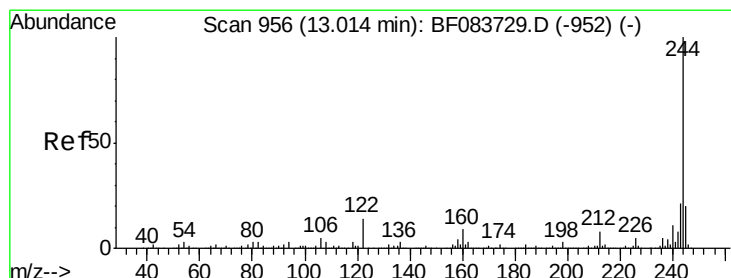
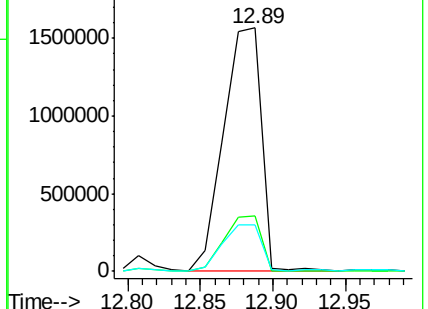
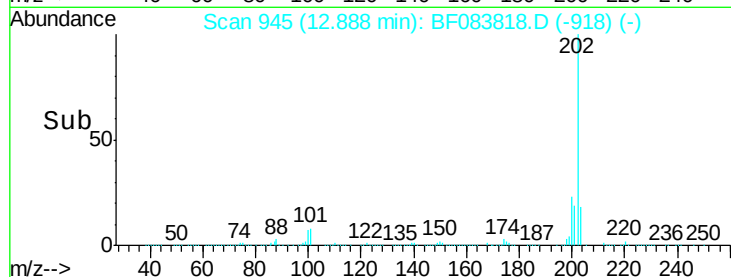
203 19.3 14.3 21.5



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: 66.88 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

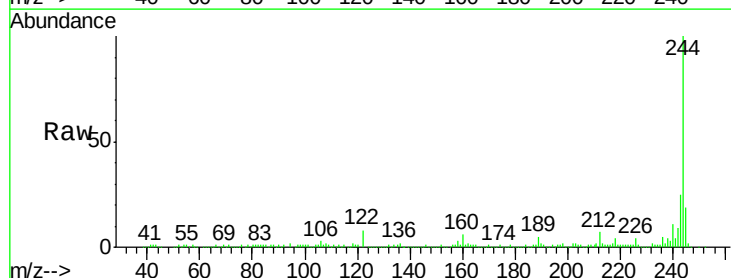
Tgt Ion:244 Resp: 601202

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

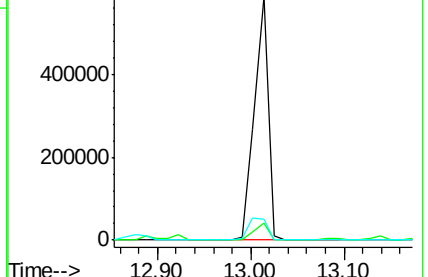
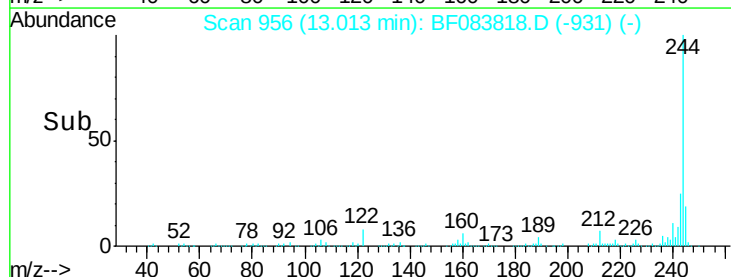
122 8.4 11.0 16.6#

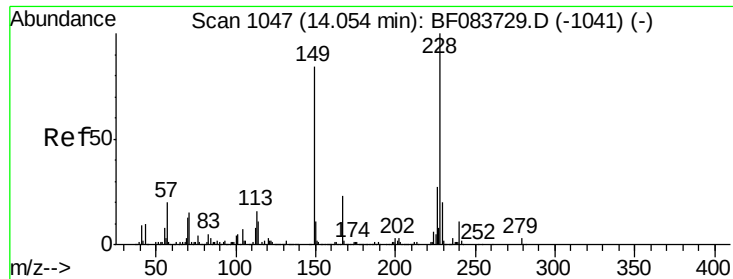


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 104.49 ng

RT: 14.10 min Scan# 1051

Delta R.T. 0.03 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

Instrument :

BNA_F

ClientSampleId :

K206-0-2

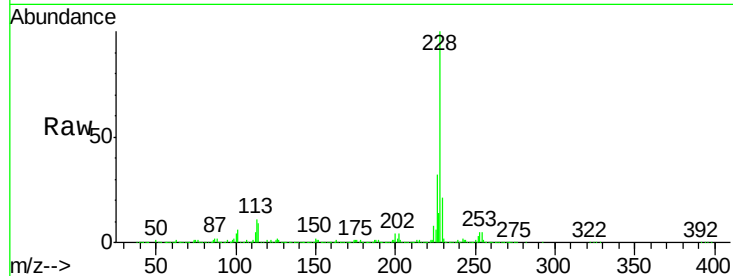
Tgt Ion:228 Resp: 1148864

Ion Ratio Lower Upper

228 100

226 32.5 22.3 33.5

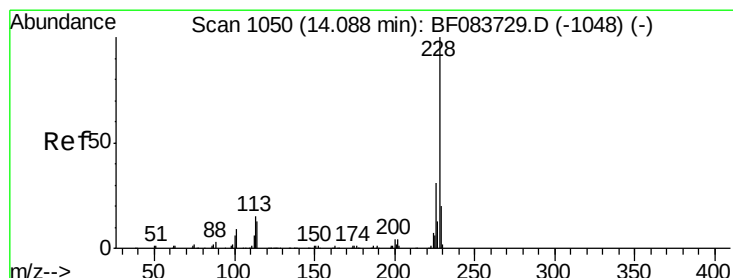
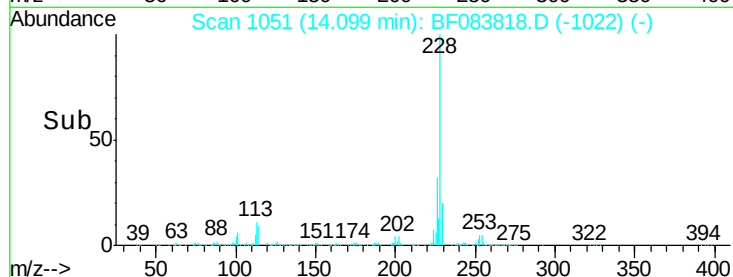
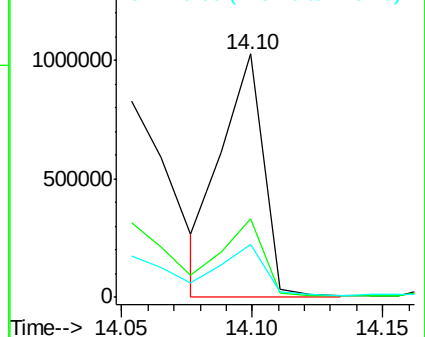
229 21.5 15.7 23.5



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



#82

Chrysene

Concen: 107.13 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

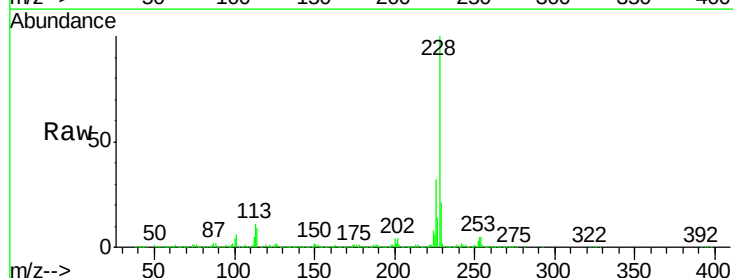
Tgt Ion:228 Resp: 1148864

Ion Ratio Lower Upper

228 100

226 32.5 24.7 37.1

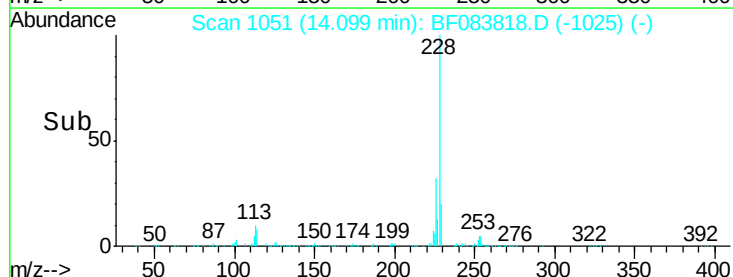
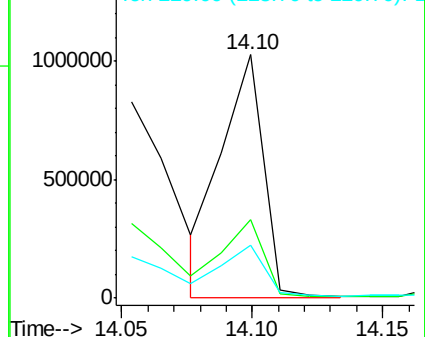
229 21.5 16.3 24.5

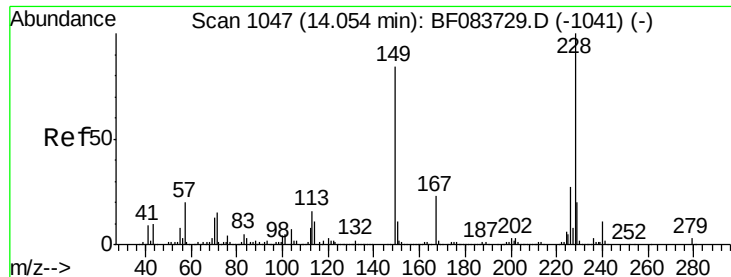


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.93 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

Instrument :

BNA_F

ClientSampleId :

K206-0-2

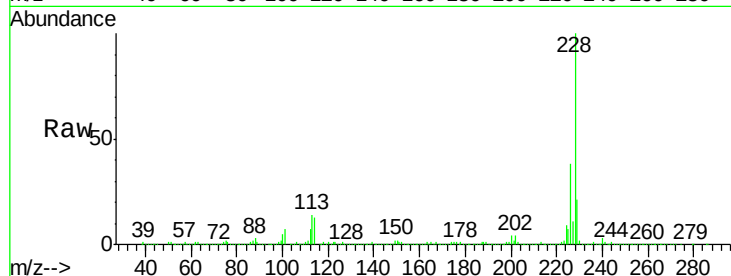
Tgt Ion:149 Resp: 21898

Ion Ratio Lower Upper

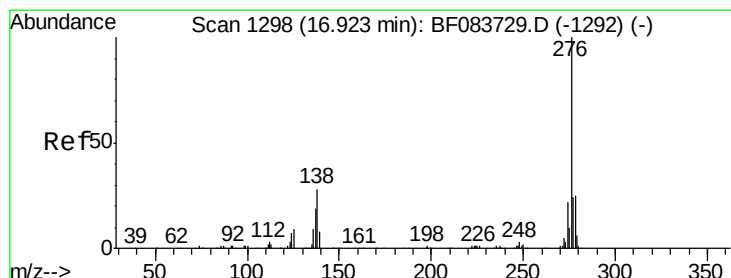
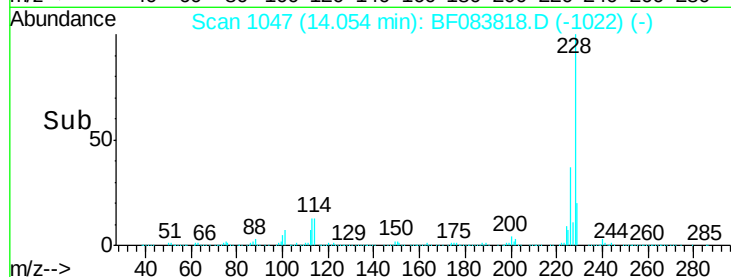
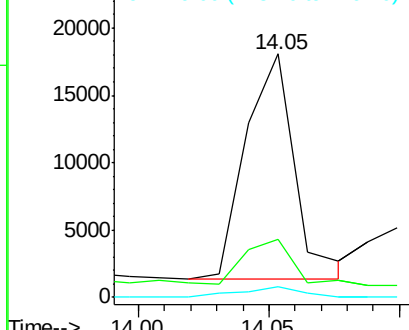
149 100

167 23.6 21.8 32.8

279 4.5 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 44.22 ng

RT: 16.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

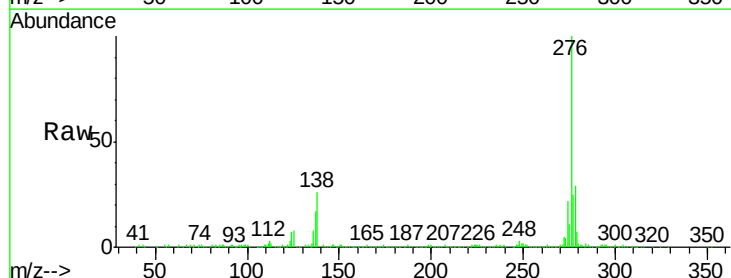
Tgt Ion:276 Resp: 465769

Ion Ratio Lower Upper

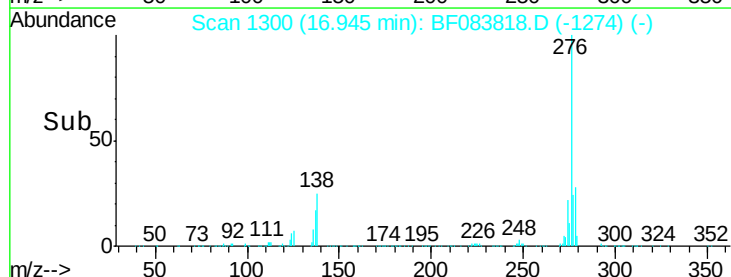
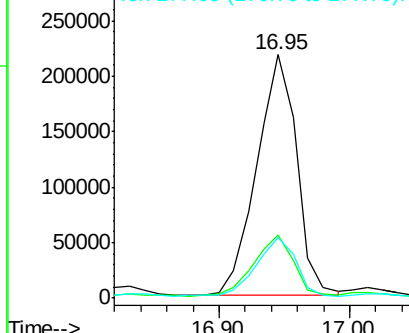
276 100

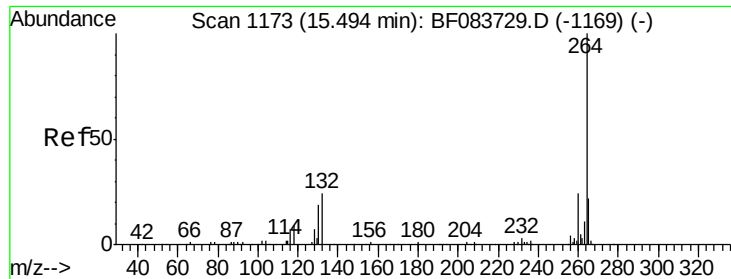
138 24.8 0.0 0.0#

277 24.1 0.0 0.0#



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



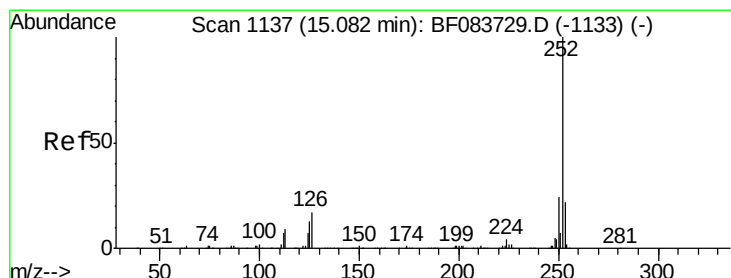
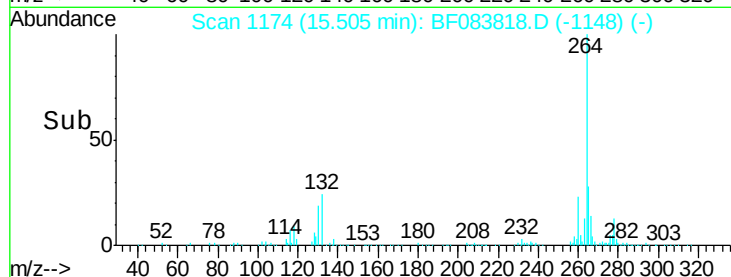
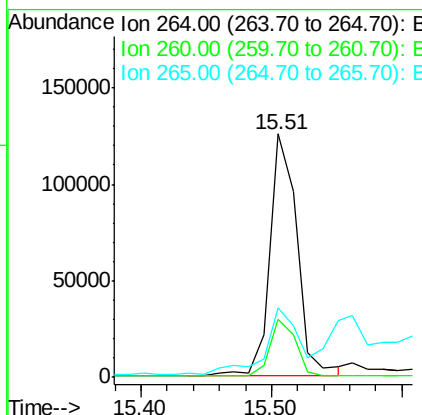
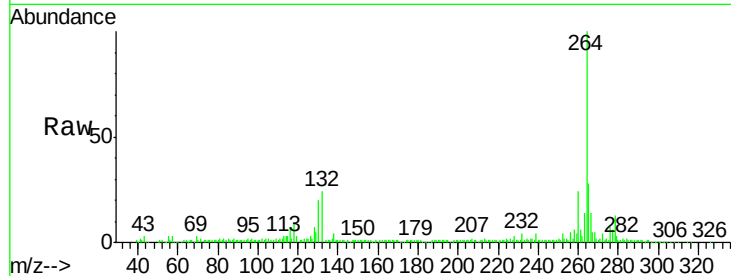


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF083818.D
Acq: 15 Dec 2015 15:07

Instrument :
BNA_F
ClientSampleId :
K206-0-2

Tgt Ion: 264 Resp: 183816

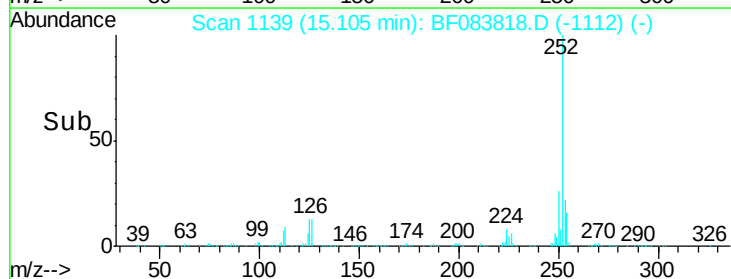
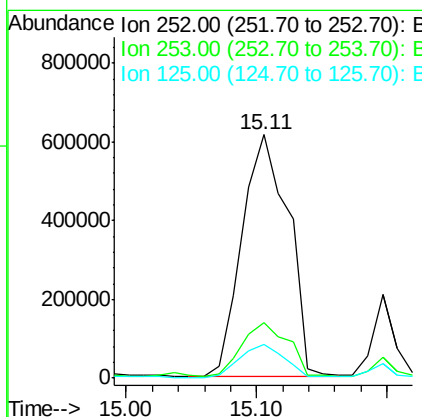
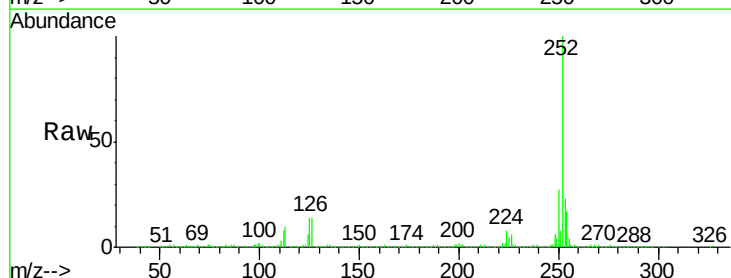
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	28.4	17.8	26.6#

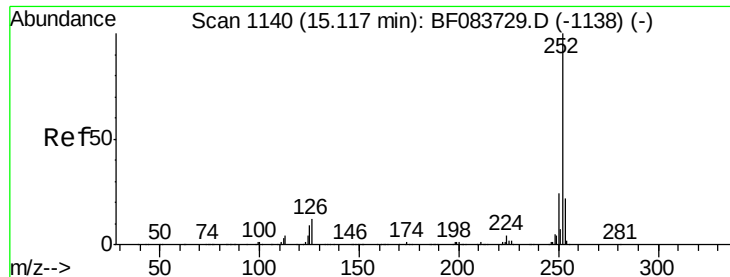


#87
Benzo(b)fluoranthene
Concen: 130.43 ng
RT: 15.11 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF083818.D
Acq: 15 Dec 2015 15:07

Tgt Ion: 252 Resp: 1529497

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	13.7	8.2	12.4#





#88

Benzo(k)fluoranthene

Concen: 143.94 ng

RT: 15.11 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

Instrument :

BNA_F

ClientSampleId :

K206-0-2

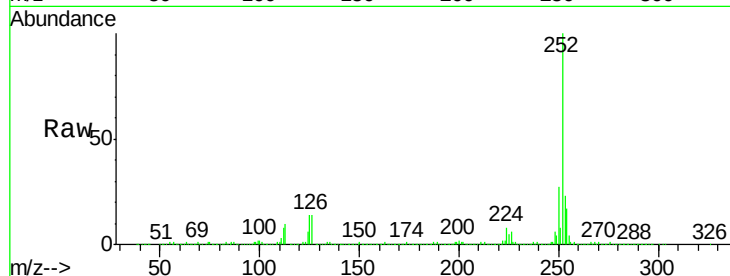
Tgt Ion:252 Resp: 1529497

Ion Ratio Lower Upper

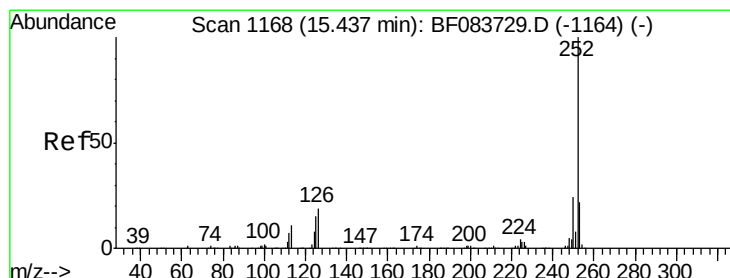
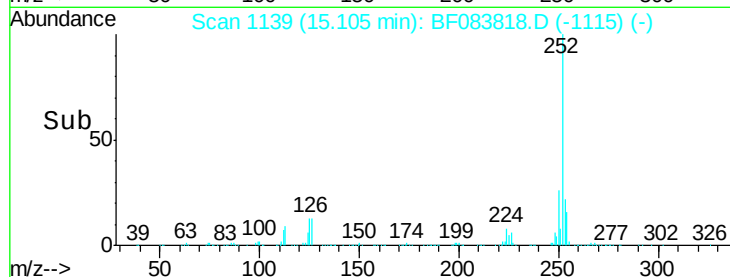
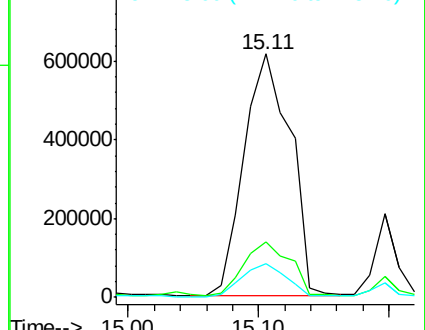
252 100

253 22.8 18.6 27.8

125 13.7 11.5 17.3



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



#89

Benzo(a)pyrene

Concen: 61.41 ng

RT: 15.46 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

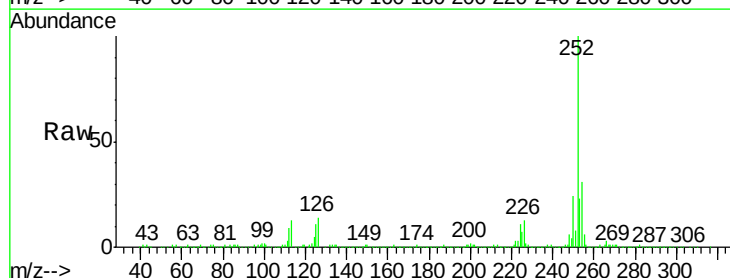
Tgt Ion:252 Resp: 642588

Ion Ratio Lower Upper

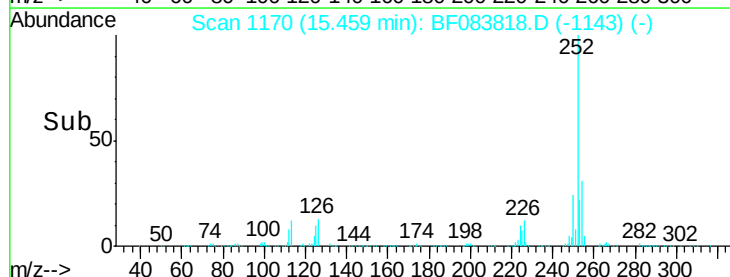
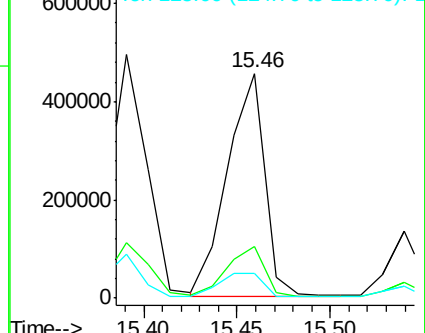
252 100

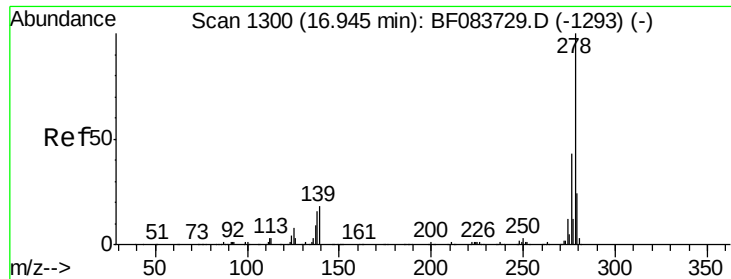
253 22.7 17.5 26.3

125 10.7 11.0 16.6#



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: 12.93 ng

RT: 16.96 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

Instrument :

BNA_F

ClientSampleId :

K206-0-2

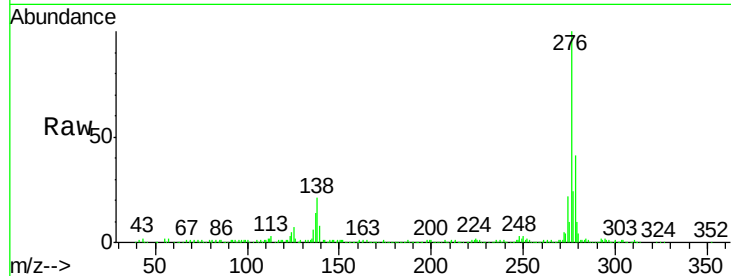
Tgt Ion:278 Resp: 134517

Ion Ratio Lower Upper

278 100

139 18.5 12.8 19.2

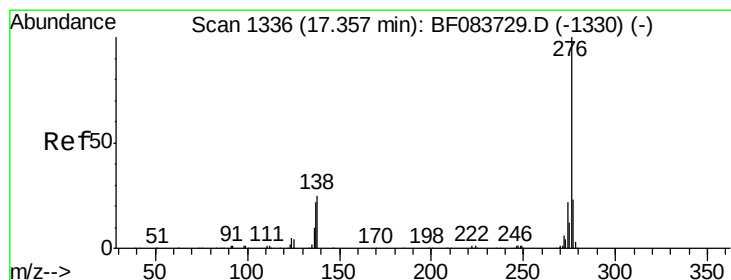
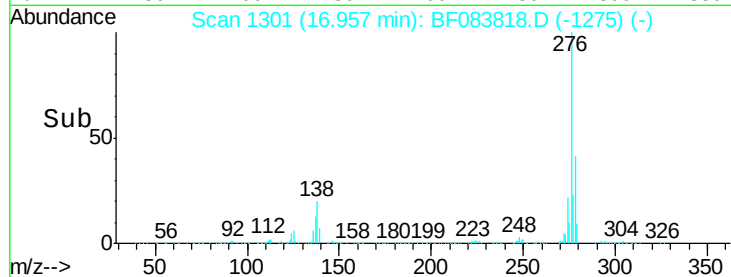
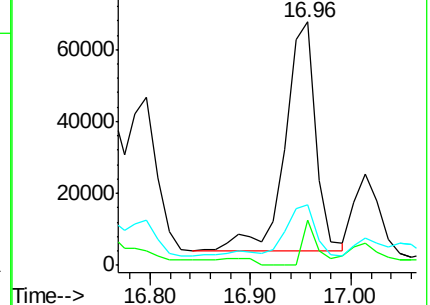
279 25.0 18.6 28.0



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: 44.51 ng

RT: 17.38 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF083818.D

Acq: 15 Dec 2015 15:07

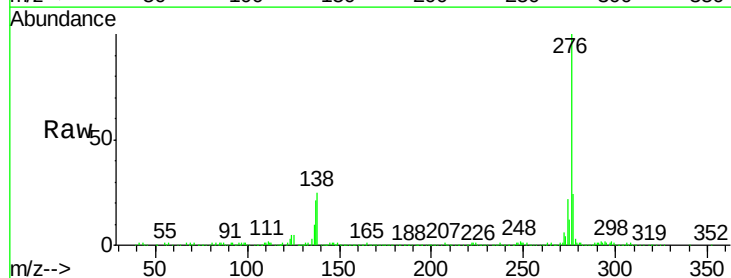
Tgt Ion:276 Resp: 476064

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 25.4 19.5 29.3



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

