

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081511.D
 Acq On : 6 Sep 2015 15:49
 Operator : UM/IZ
 Sample : G3472-02
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB002

Quant Time: Sep 07 01:59:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	48649	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	182195	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	78752	20.00	ng	-0.03
63) Phenanthrene-d10	10.86	188	136927	20.00	ng	-0.02
75) Chrysene-d12	13.47	240	100254	20.00	ng	-0.02
86) Perylene-d12	14.78	264	79712	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	291222	92.88	ng	-0.02
7) Phenol-d6	6.03	99	449824	108.38	ng	-0.02
23) Nitrobenzene-d5	6.94	82	280488	74.28	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	60331	86.04	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	410208	66.75	ng	-0.03
78) Terphenyl-d14	12.43	244	226000	52.48	ng	-0.03

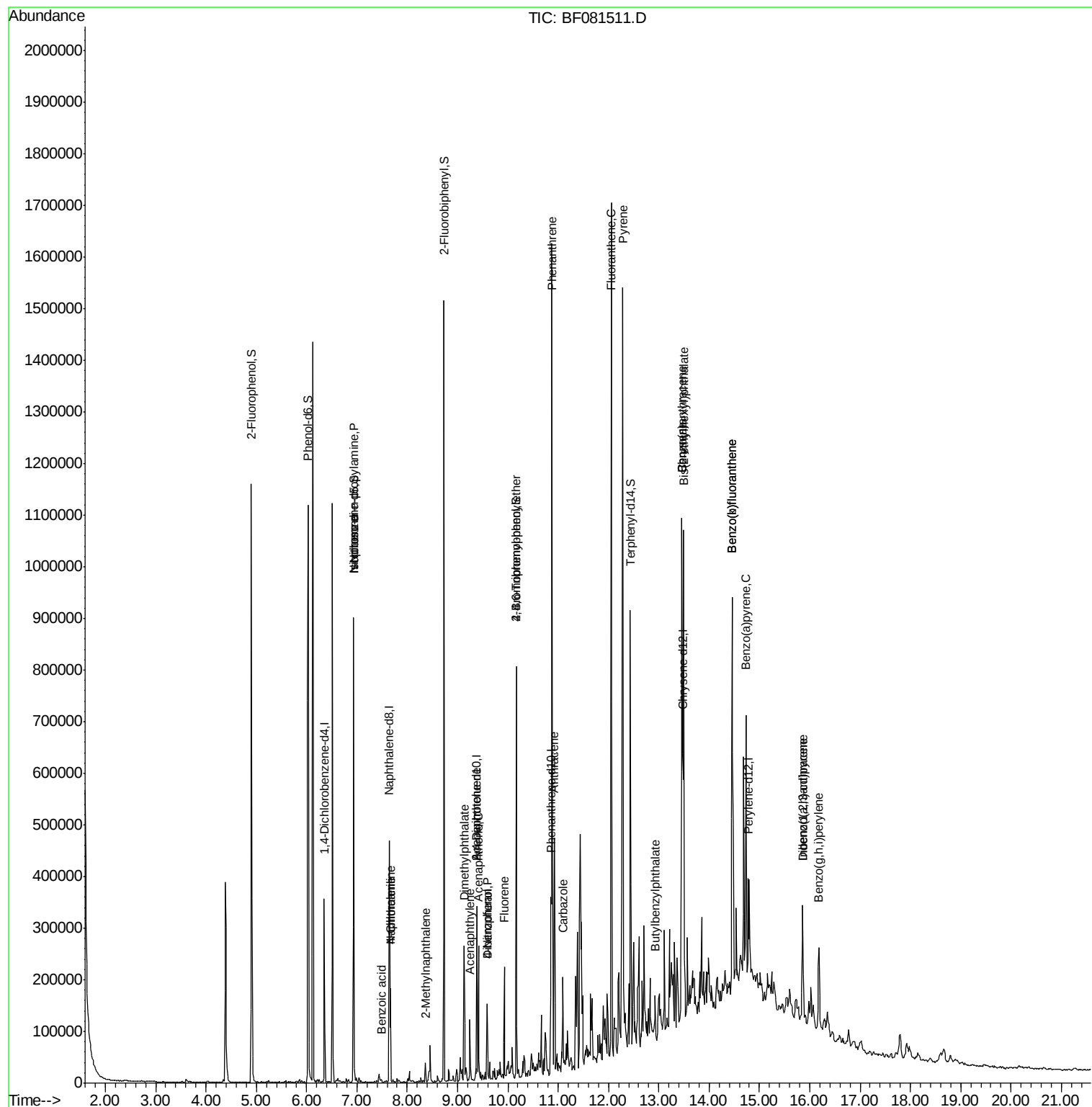
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	6.94	70	38697	13.70	ng	# 63
25) Isophorone	6.94	82	214188	30.49	ng	# 58
31) Naphthalene	7.67	128	66876	6.88	ng	100
32) Benzoic acid	7.48	122	1430	3.18	ng	# 56
33) 4-Chloroaniline	7.67	127	8398	2.12	ng	# 36
37) 2-Methylnaphthalene	8.36	142	15438	2.44	ng	# 92
48) Acenaphthylene	9.24	152	41721	4.49	ng	96
49) Dimethylphthalate	9.13	163	105227	17.20	ng	# 97
51) Acenaphthene	9.42	154	51081	9.67	ng	94
54) Dibenzofuran	9.59	168	48186	6.25	ng	# 84
55) 4-Nitrophenol	9.59	139	19915	20.05	ng	# 29
56) 2,4-Dinitrotoluene	9.38	165	11202	6.34	ng	# 38
57) Fluorene	9.93	166	58918	10.07	ng	97
66) 4-Bromophenyl-phenylether	10.17	248	4831	3.49	ng	# 1
70) Phenanthrene	10.88	178	640484	84.14	ng	96
71) Anthracene	10.92	178	165241	21.13	ng	98
72) Carbazole	11.10	167	87134	11.87	ng	98
74) Fluoranthene	12.06	202	877510	106.48	ng	91
77) Pvrene	12.28	202	845732	113.88	ng	98
79) Butylbenzylphthalate	12.93	149	13294	4.12	ng	# 77
80) Benzo(a)anthracene	13.46	228	404941	63.43	ng	96
82) Chrysene	13.46	228	404941	70.75	ng	97
83) Bis(2-ethylhexyl)phthalate	13.50	149	31381	7.36	ng	# 90
85) Indeno(1,2,3-cd)pyrene	15.86	276	128062	30.50	ng	# 82
87) Benzo(b)fluoranthene	14.46	252	510973	89.79	ng	# 87
88) Benzo(k)fluoranthene	14.46	252	510973	108.21	ng	# 88
89) Benzo(a)pyrene	14.73	252	243943	50.59	ng	# 87
90) Dibenzo(a,h)anthracene	15.86	278	40437	10.85	ng	# 79
91) Benzo(g,h,i)perylene	16.18	276	107414	30.20	ng	# 73

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

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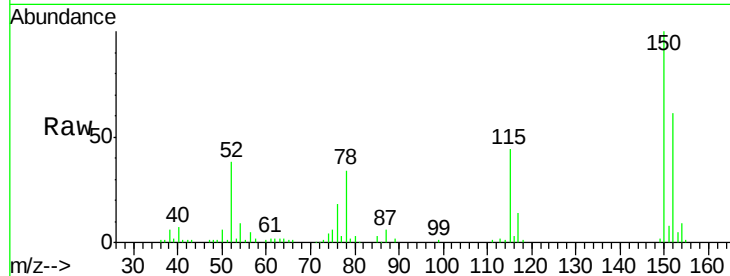


#1

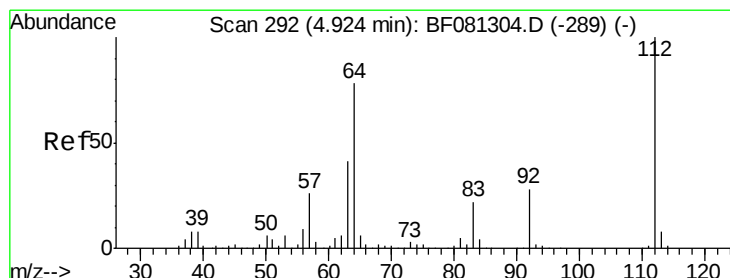
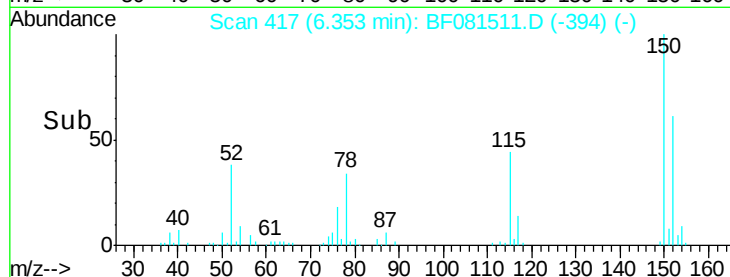
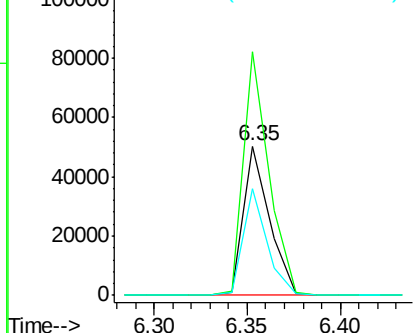
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tot Ion:152 Resp: 48649
Ion Ratio Lower Upper
152 100
150 163.1 124.7 187.1
115 71.5 39.0 58.4#



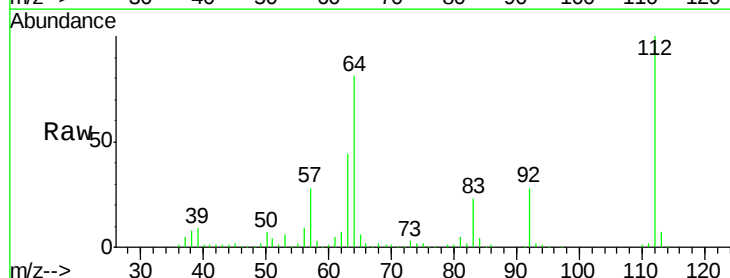
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



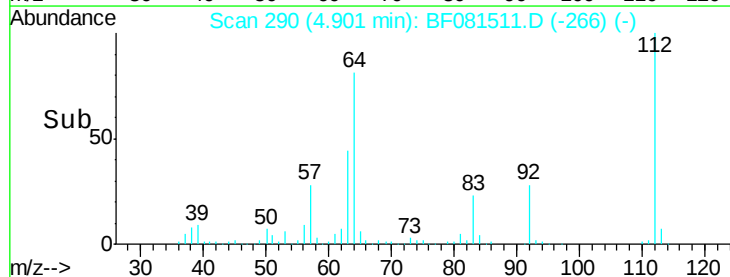
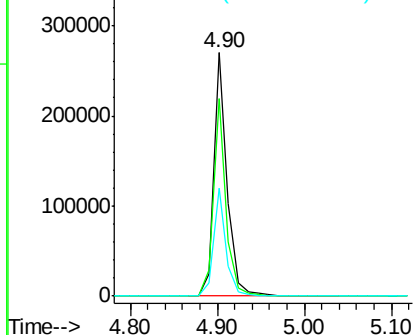
#5

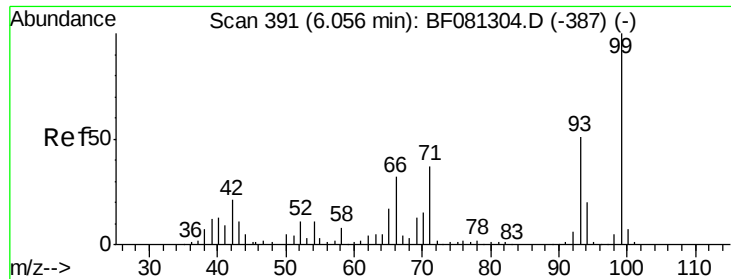
2-Fluorophenol
Concen: 92.88 ng
RT: 4.90 min Scan# 290
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:112 Resp: 291222
Ion Ratio Lower Upper
112 100
64 81.3 39.7 59.5#
63 44.2 17.4 26.0#



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: 108.38 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

Instrument :

BNA_F

ClientSampleID :

SB002

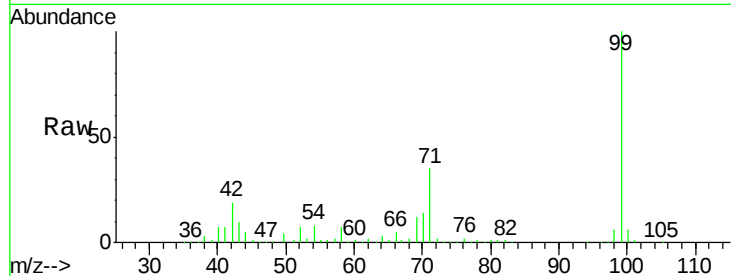
Tot Ion: 99 Resp: 449824

Ion Ratio Lower Upper

99 100

42 19.4 13.7 20.5

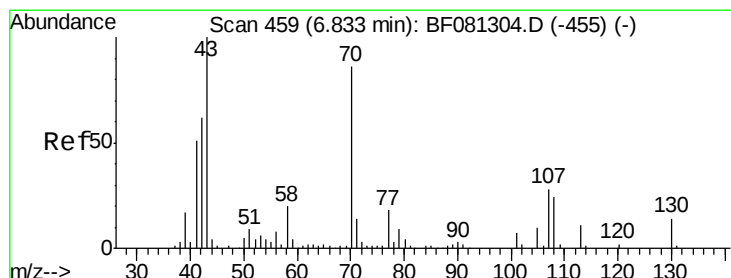
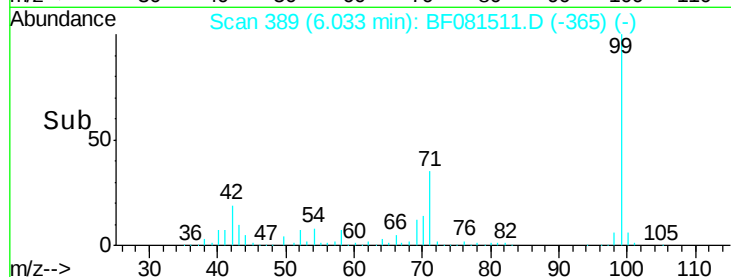
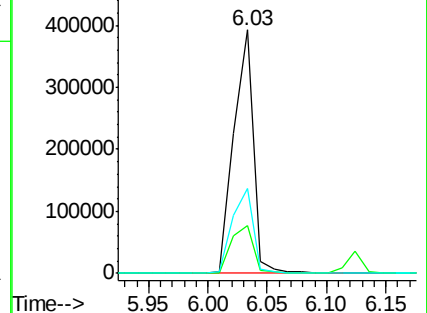
71 34.7 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.70 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

Tgt Ion: 70 Resp: 38697

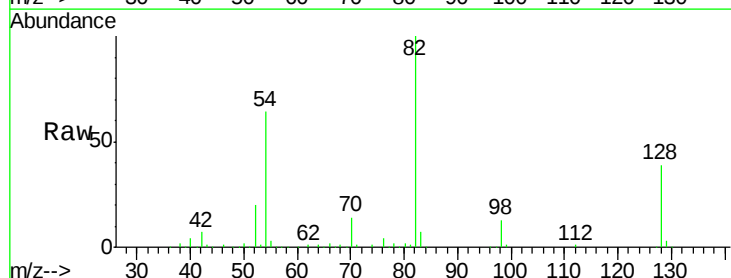
Ion Ratio Lower Upper

70 100

42 54.4 63.8 95.6#

101 0.0 9.2 13.8#

130 1.4 27.3 40.9#

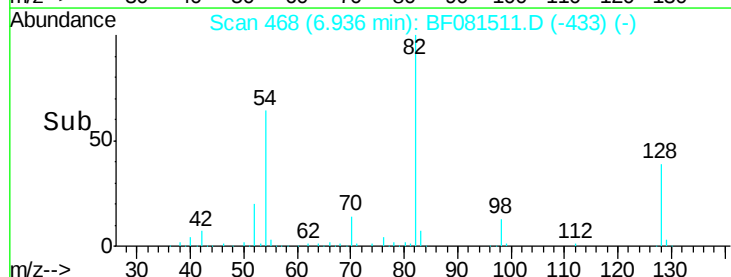
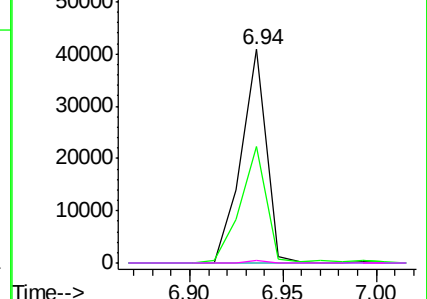


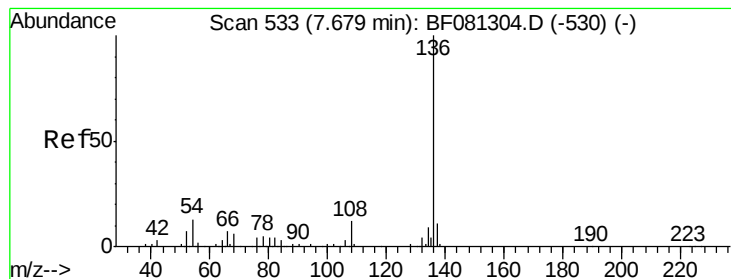
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

Instrument :

BNA_F

ClientSampleId :

SB002

Tot Ion:136 Resp: 182195

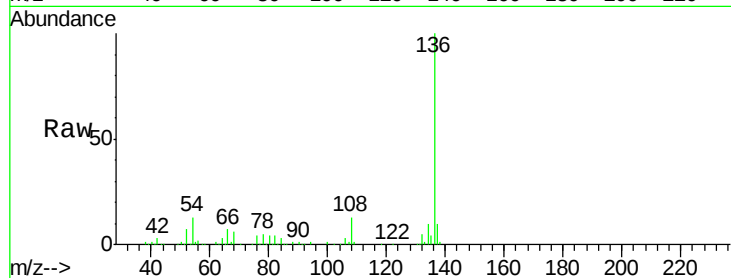
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 13.2 8.2 12.2#

68 5.7 5.8 8.6#

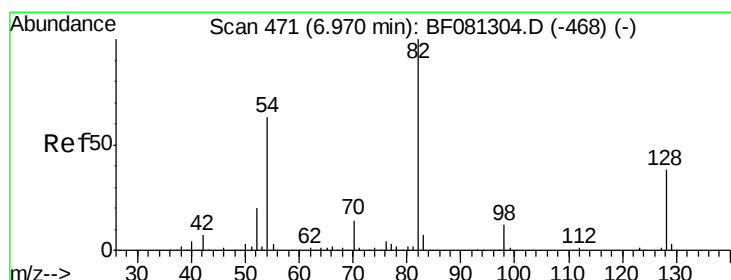
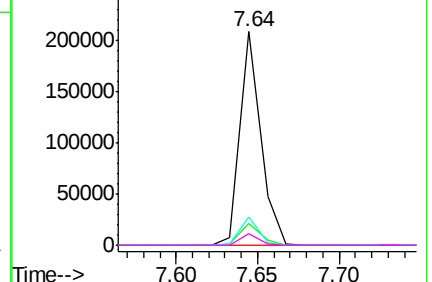
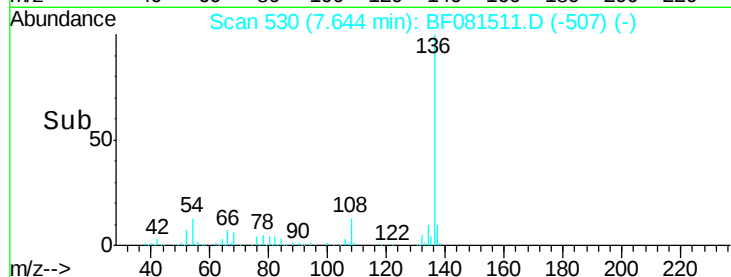


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.28 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

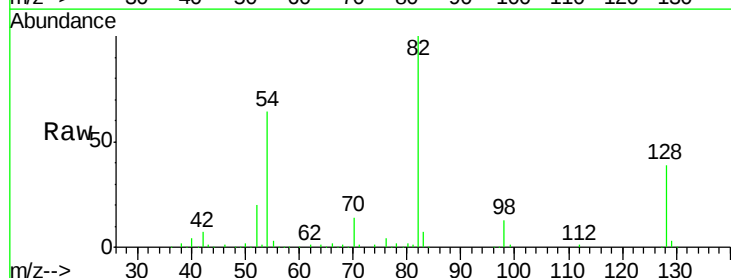
Tgt Ion: 82 Resp: 280488

Ion Ratio Lower Upper

82 100

128 38.6 51.0 76.6#

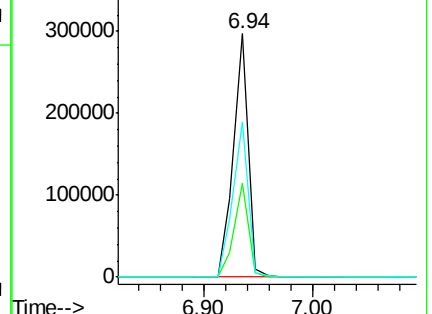
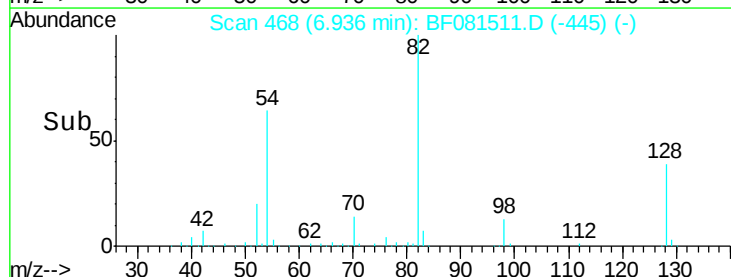
54 63.9 47.5 71.3

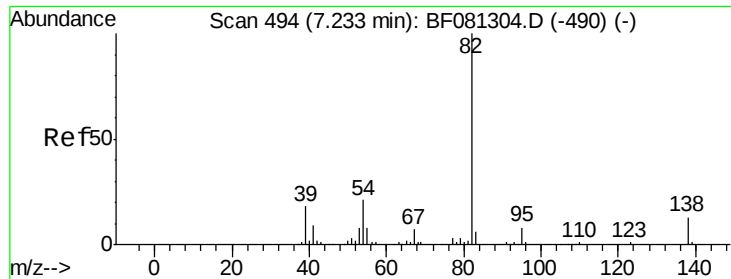


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 30.49 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.30 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

Instrument :

BNA_F

ClientSampleId :

SB002

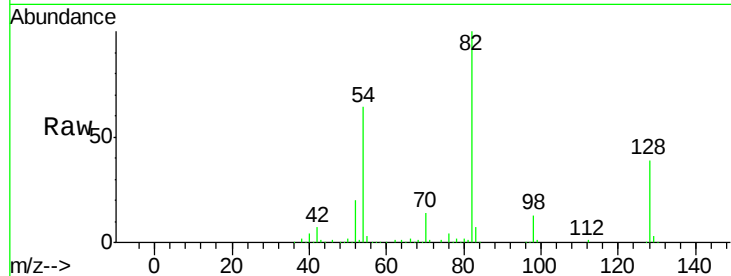
Tot Ion: 82 Resp: 214188

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

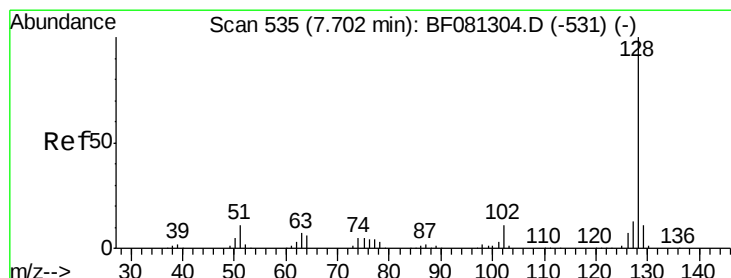
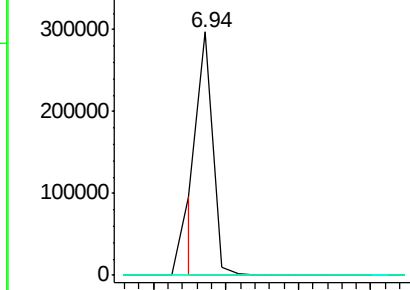
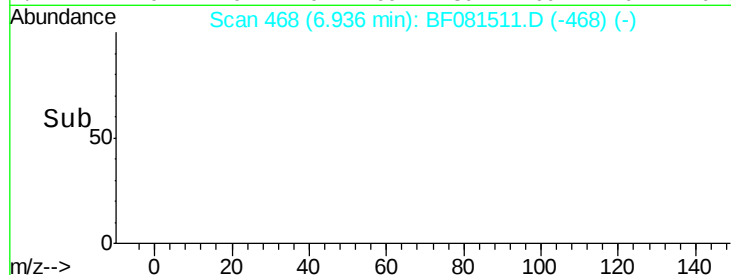
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF081511.D (-468) (-)

Ion 95.00 (94.70 to 95.70): BF081511.D (-468) (-)

Ion 138.00 (137.70 to 138.70): BF081511.D (-468) (-)



#31

Naphthalene

Concen: 6.88 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

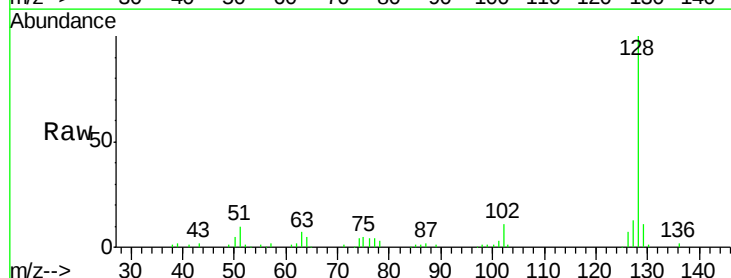
Tgt Ion: 128 Resp: 66876

Ion Ratio Lower Upper

128 100

129 10.6 8.4 12.6

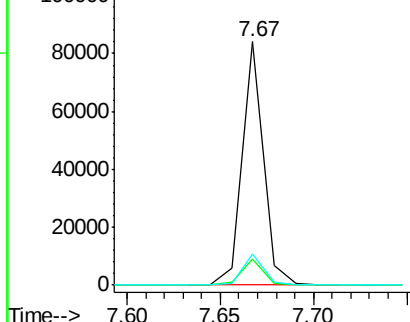
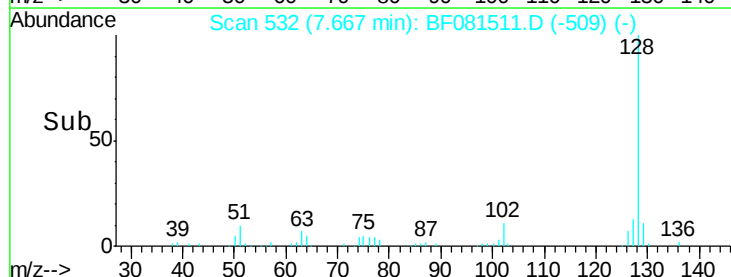
127 12.6 9.9 14.9

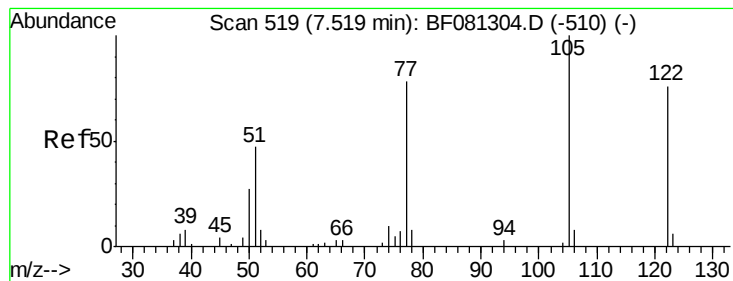


Abundance Ion 128.00 (127.70 to 128.70): BF081511.D (-509) (-)

Ion 129.00 (128.70 to 129.70): BF081511.D (-509) (-)

Ion 127.00 (126.70 to 127.70): BF081511.D (-509) (-)





#32

Benzoic acid

Concen: 3.18 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

Instrument :

BNA_F

ClientSampleId :

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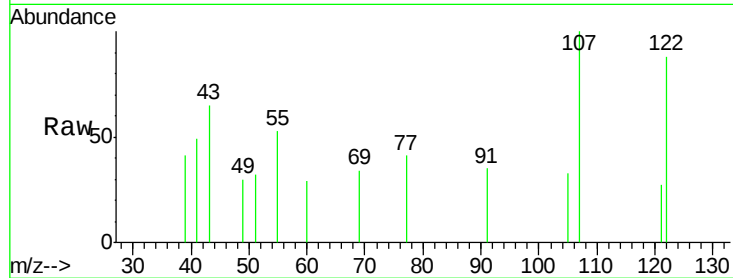
Tot Ion:122 Resp: 1430

Ion Ratio Lower Upper

122 100

105 37.1 76.1 116.1#

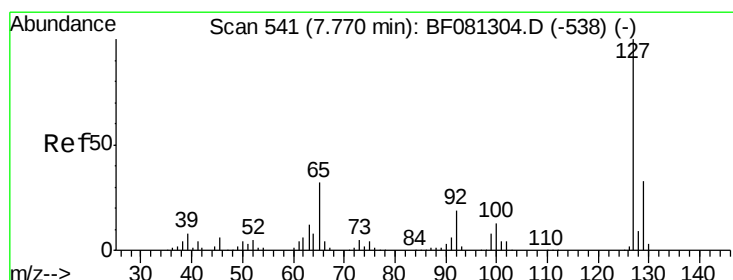
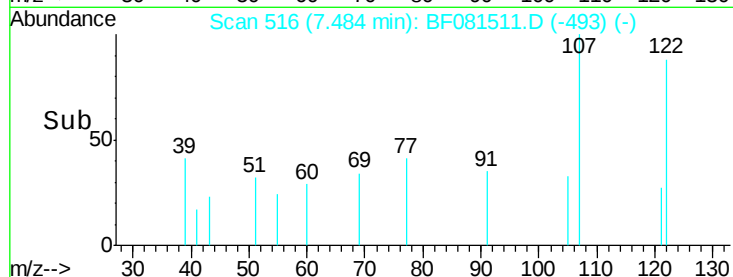
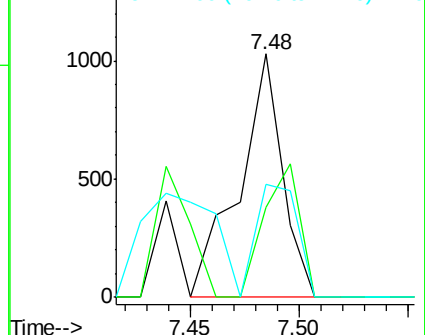
77 46.6 40.5 80.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 2.12 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.10 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

Tgt Ion:127 Resp: 8398

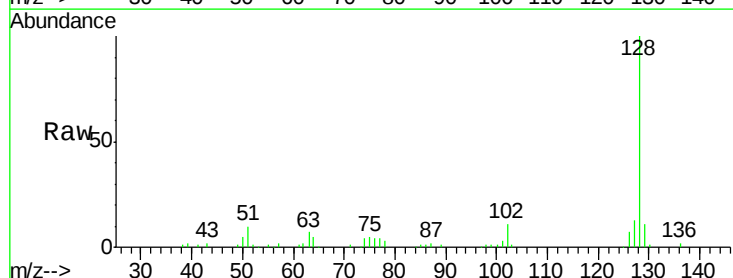
Ion Ratio Lower Upper

127 100

129 84.6 25.8 38.6#

65 3.3 17.9 26.9#

92 0.0 10.5 15.7#

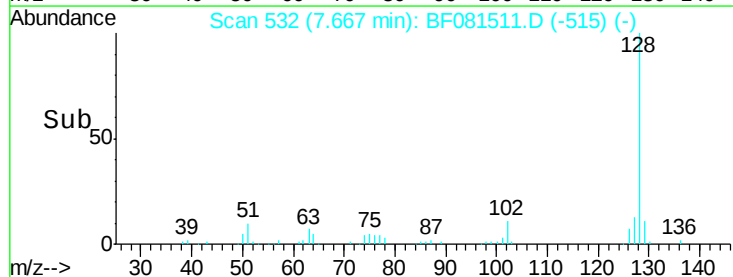
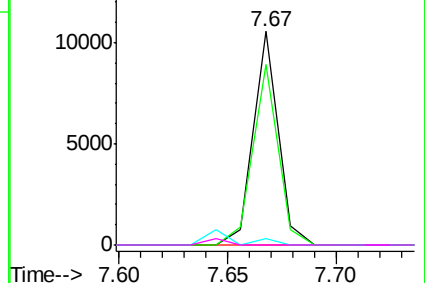


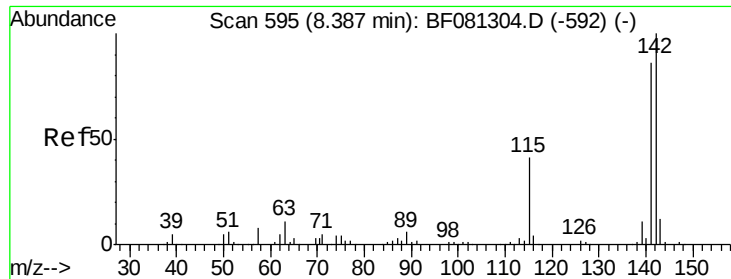
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

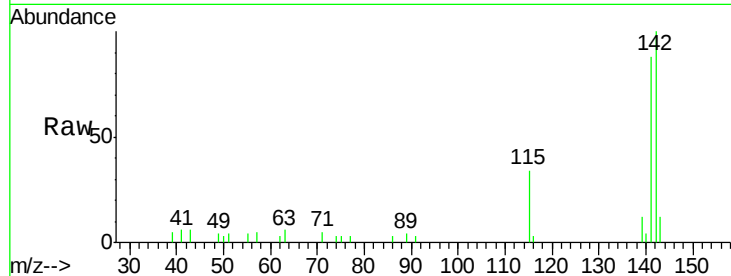




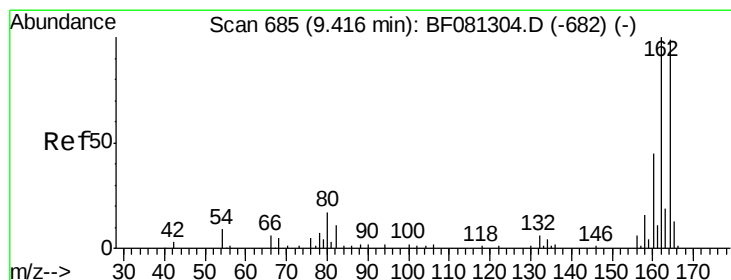
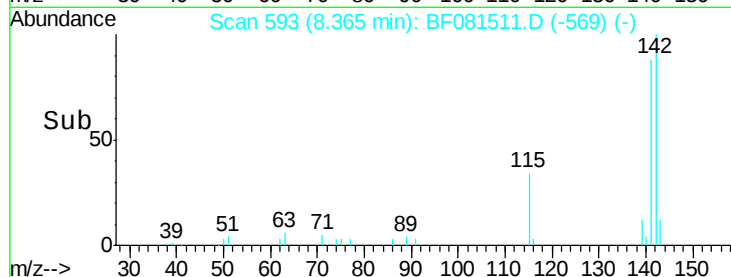
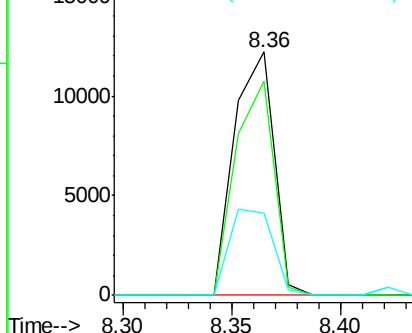
#37
 2-Methylnaphthalene
 Concen: 2.44 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF081511.D
 Acq: 6 Sep 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SB002

Tot Ion:142 Resp: 15438
 Ion Ratio Lower Upper
 142 100
 141 87.8 67.5 101.3
 115 33.7 18.2 27.2#

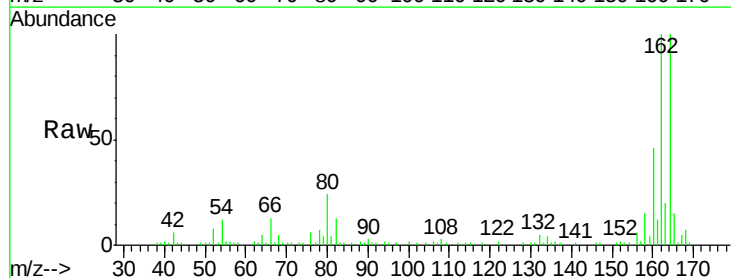


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

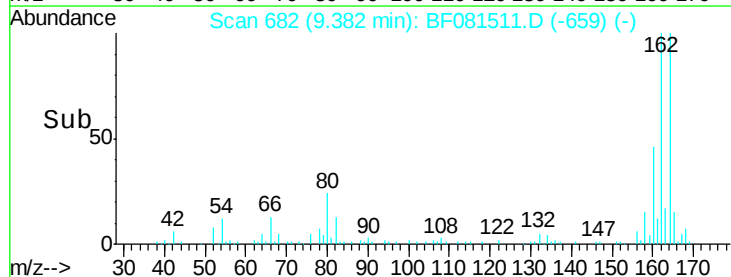
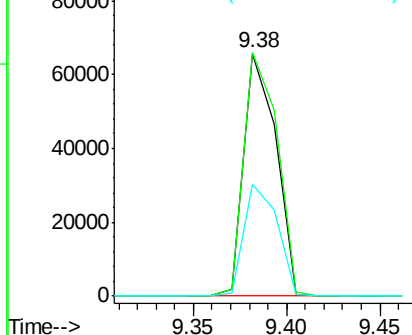


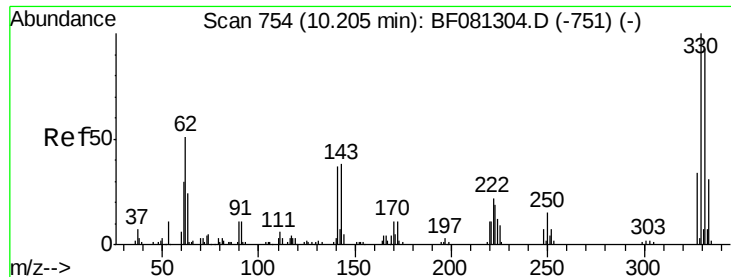
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF081511.D
 Acq: 6 Sep 2015 15:49

Tgt Ion:164 Resp: 78752
 Ion Ratio Lower Upper
 164 100
 162 100.3 75.2 112.8
 160 46.1 31.5 47.3



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

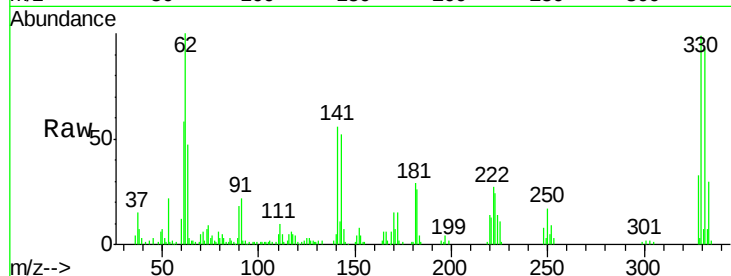




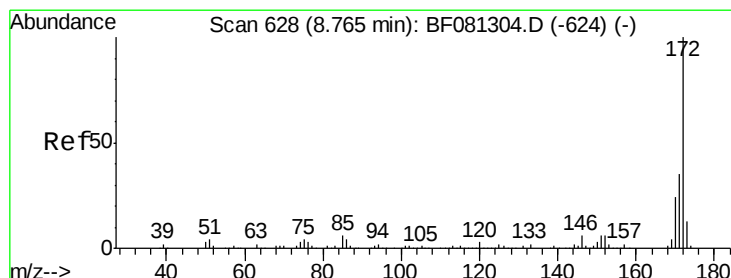
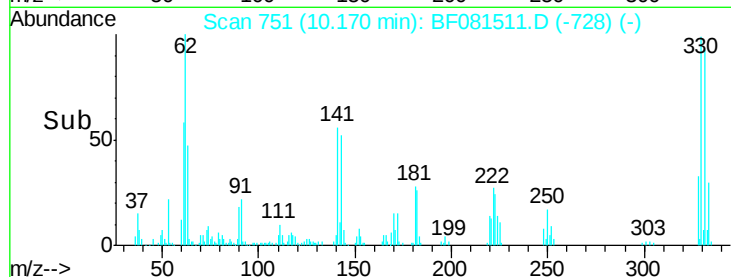
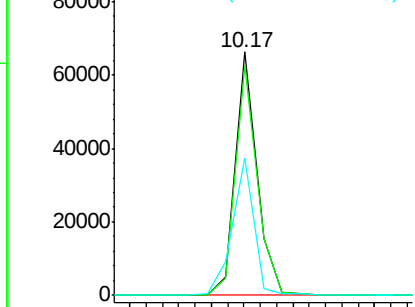
#41
 2,4,6-Tribromophenol
 Concen: 86.04 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF081511.D
 Acq: 6 Sep 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SB002

Tot Ion:330 Resp: 60331
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 56.4 29.7 44.5#

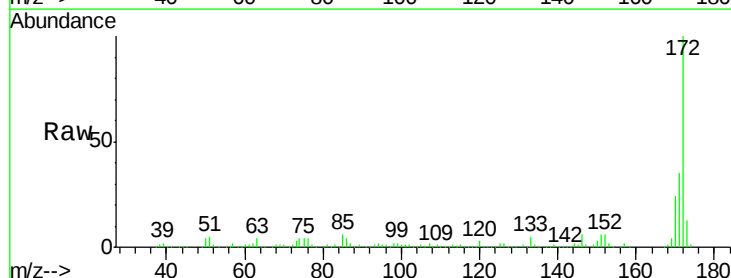


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

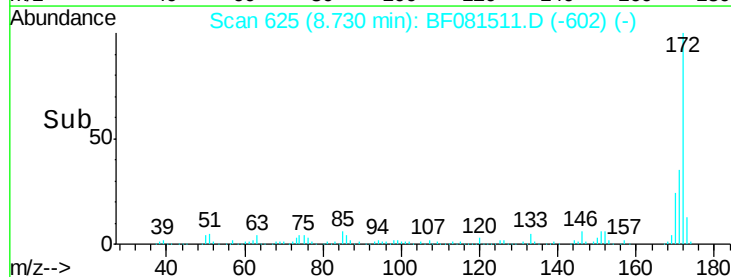
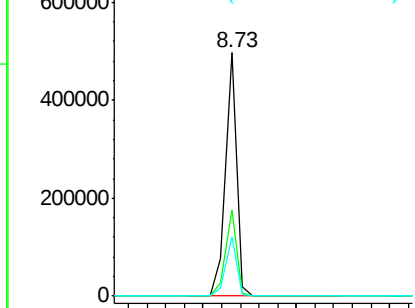


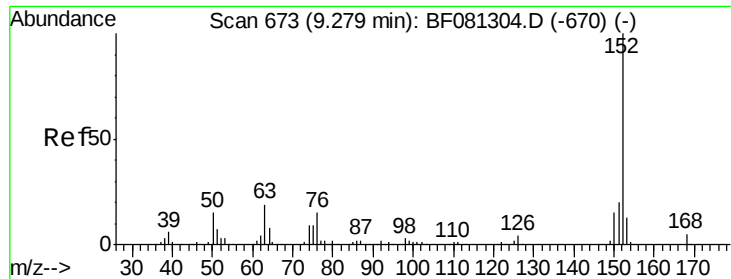
#44
 2-Fluorobiphenyl
 Concen: 66.75 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF081511.D
 Acq: 6 Sep 2015 15:49

Tgt Ion:172 Resp: 410208
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 24.1 17.4 26.2



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: 4.49 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

Instrument :

BNA_F

ClientSampleId :

SB002

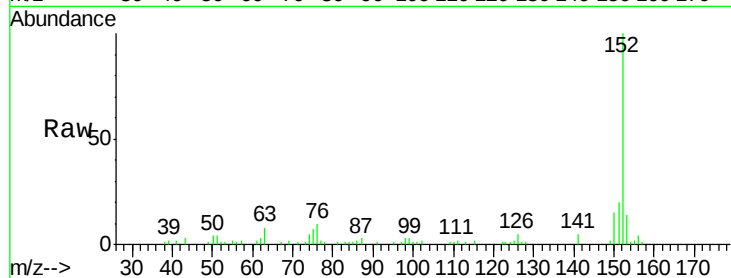
Tot Ion:152 Resp: 41721

Ion Ratio Lower Upper

152 100

151 20.0 14.6 22.0

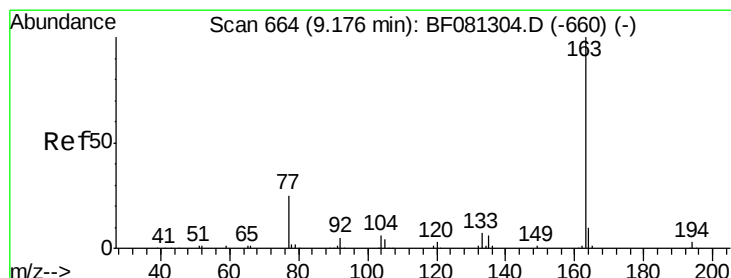
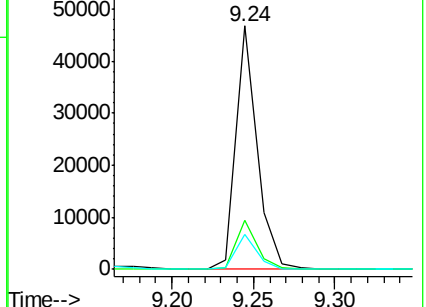
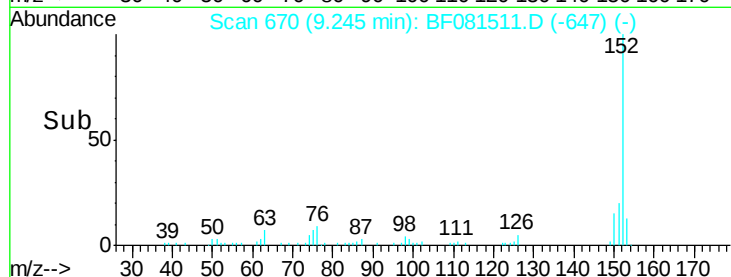
153 14.3 10.3 15.5



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: 17.20 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

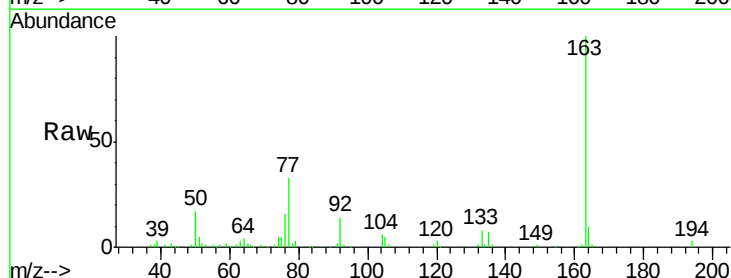
Tgt Ion:163 Resp: 105227

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

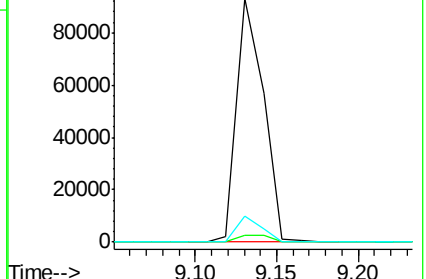
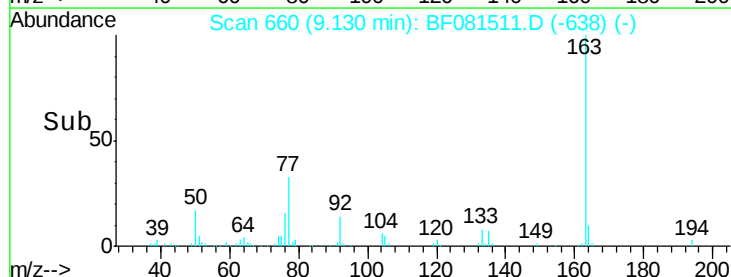
164 10.4 8.3 12.5

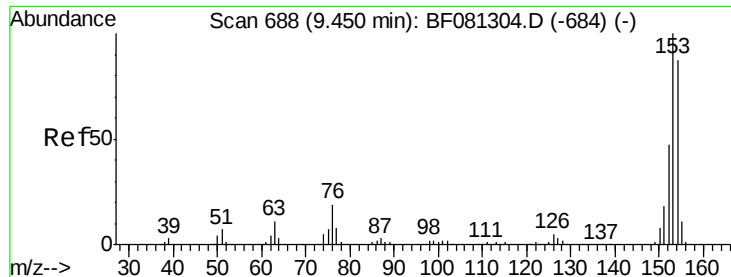


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 9.67 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

Instrument :

BNA_F

ClientSampleId :

SB002

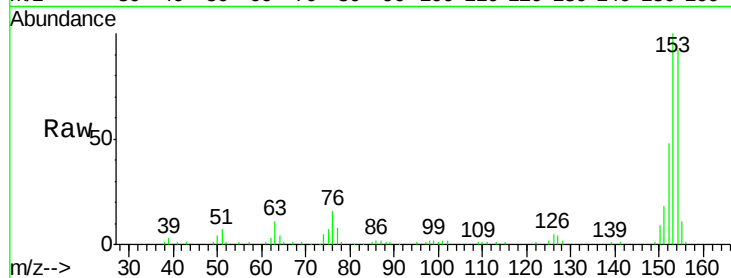
Tot Ion:154 Resp: 51081

Ion Ratio Lower Upper

154 100

153 108.8 82.1 123.1

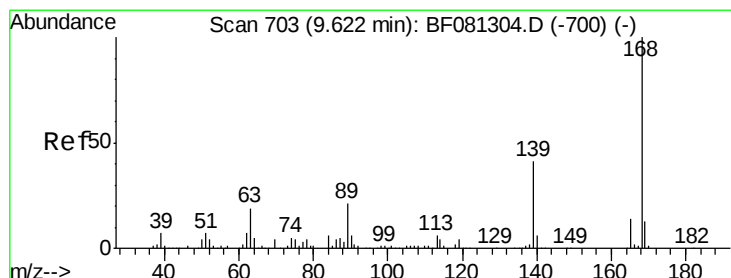
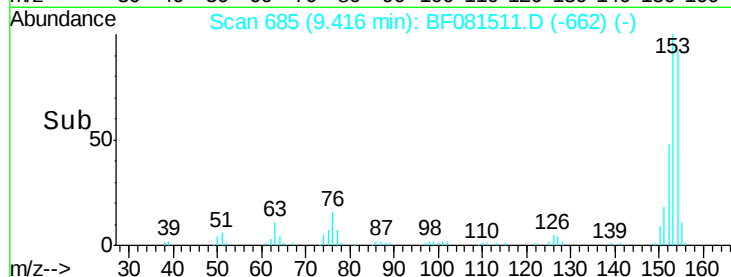
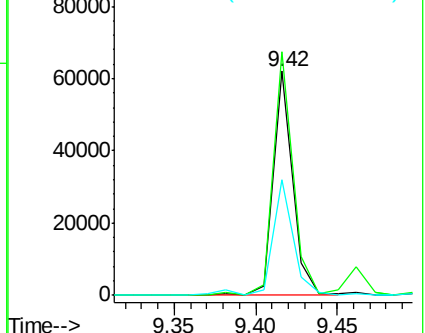
152 51.9 37.9 56.9



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



#54

Dibenzofuran

Concen: 6.25 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.03 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

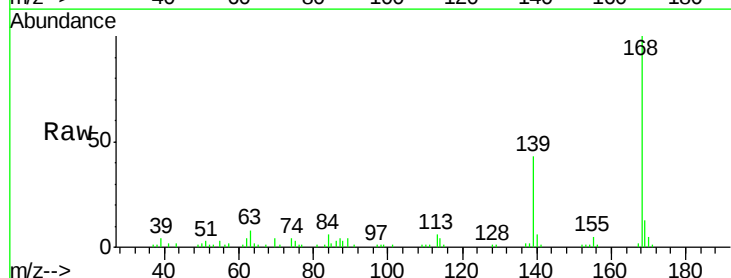
Tgt Ion:168 Resp: 48186

Ion Ratio Lower Upper

168 100

139 42.6 24.2 36.2#

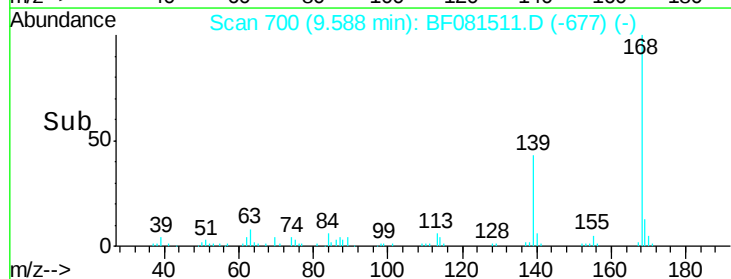
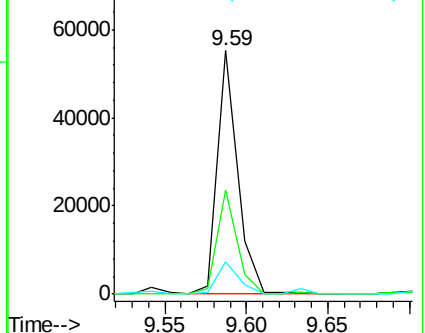
169 13.3 10.6 15.8

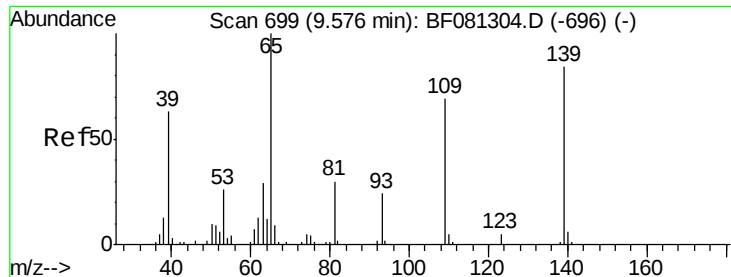


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

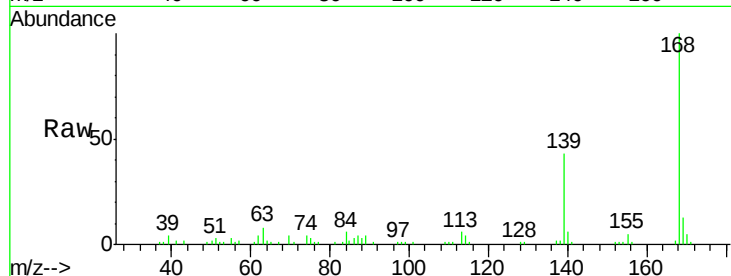




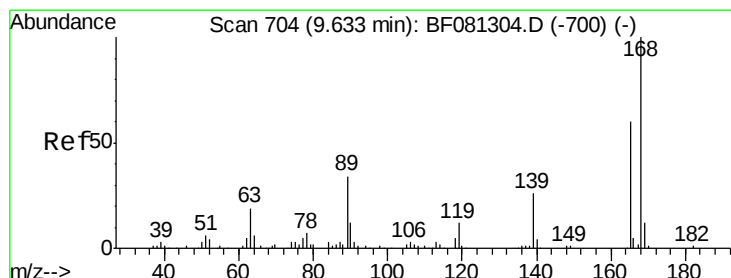
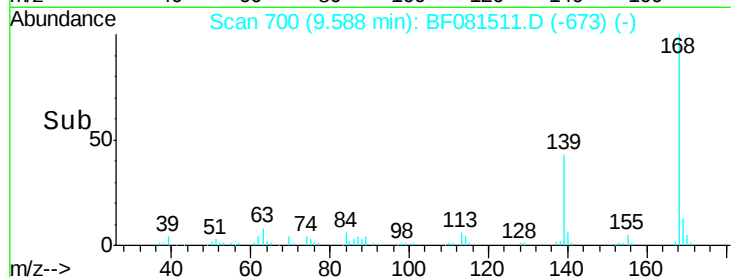
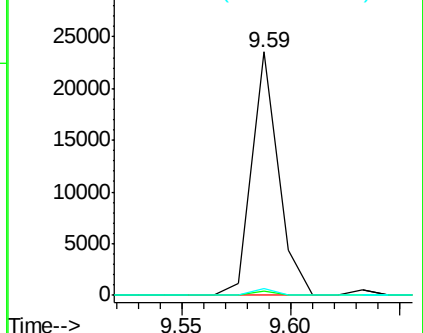
#55
4-Nitrophenol
Concen: 20.05 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampleId :
SB002

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.8	12.7	52.7#
65	2.9	45.9	85.9#



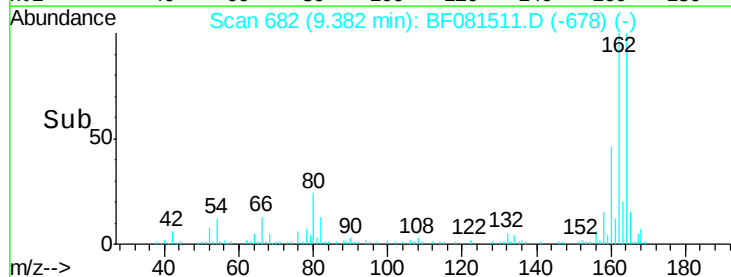
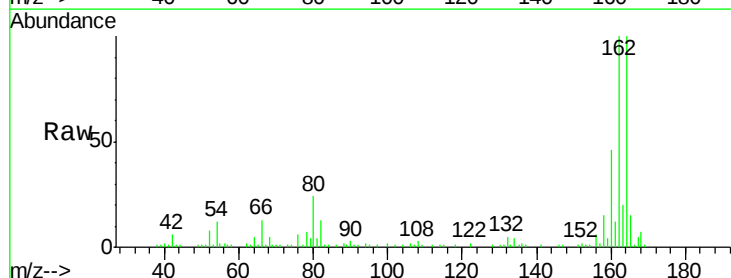
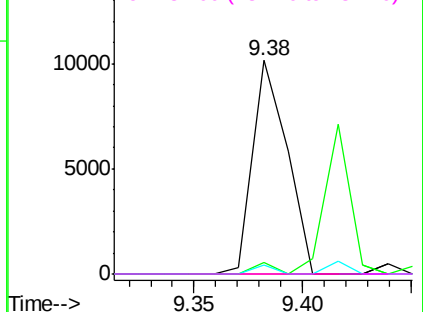
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

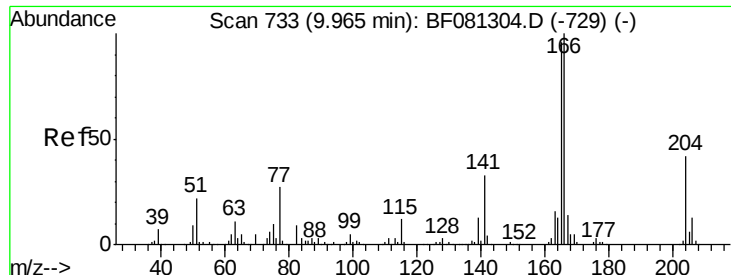


#56
2,4-Dinitrotoluene
Concen: 6.34 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.25 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	5.3	29.8	44.6#
89	4.0	44.5	66.7#
182	0.0	3.0	4.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

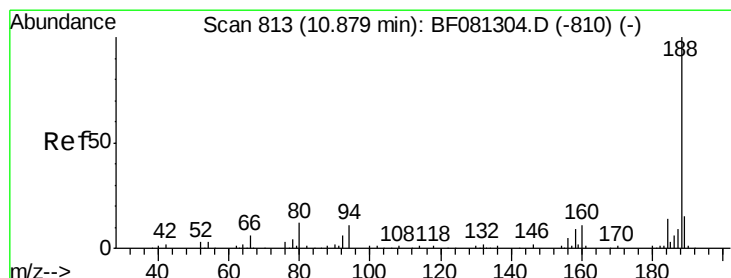
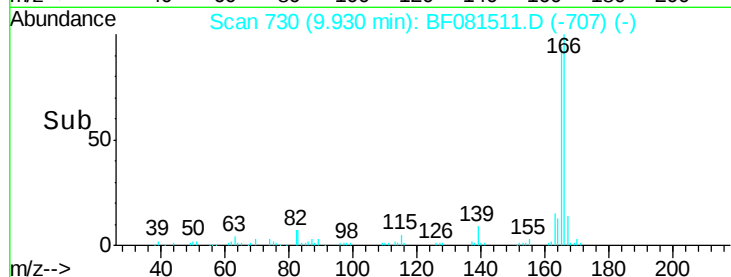
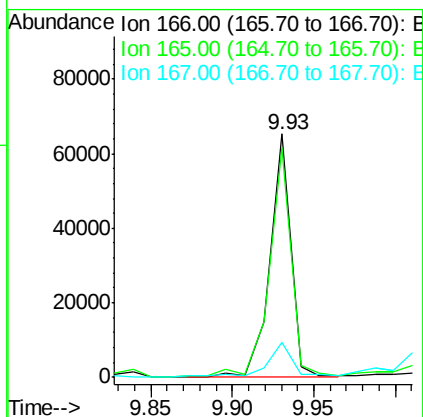
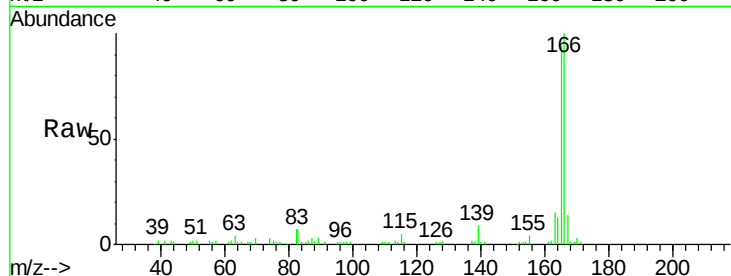




#57
 Fluorene
 Concen: 10.07 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.03 min
 Lab File: BF081511.D
 Acq: 6 Sep 2015 15:49

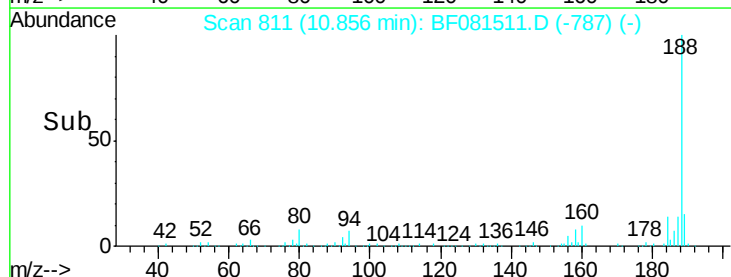
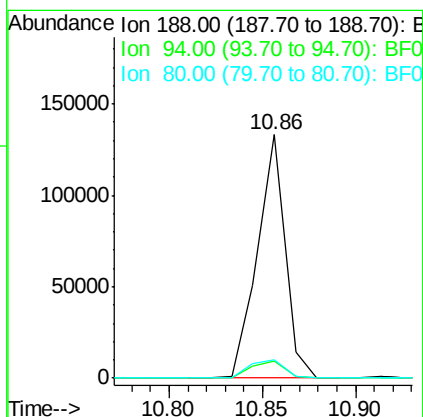
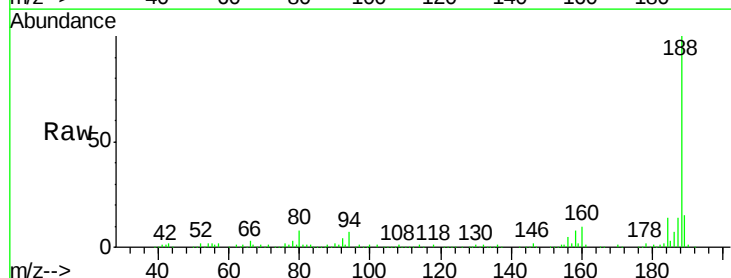
Instrument :
 BNA_F
 ClientSampleId :
 SB002

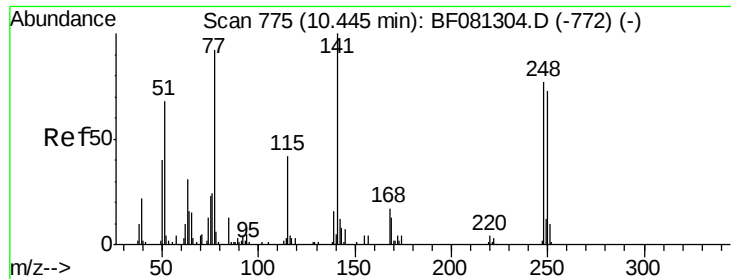
Tot Ion:166 Resp: 58918
 Ion Ratio Lower Upper
 166 100
 165 94.0 72.6 109.0
 167 14.3 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF081511.D
 Acq: 6 Sep 2015 15:49

Tgt Ion:188 Resp: 136927
 Ion Ratio Lower Upper
 188 100
 94 7.2 11.1 16.7#
 80 7.6 11.0 16.4#

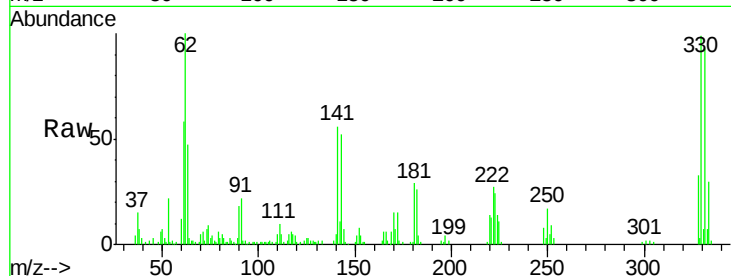




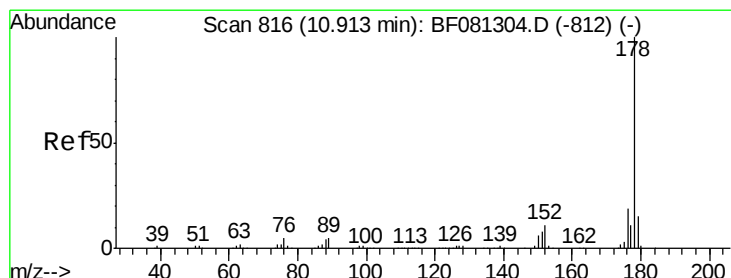
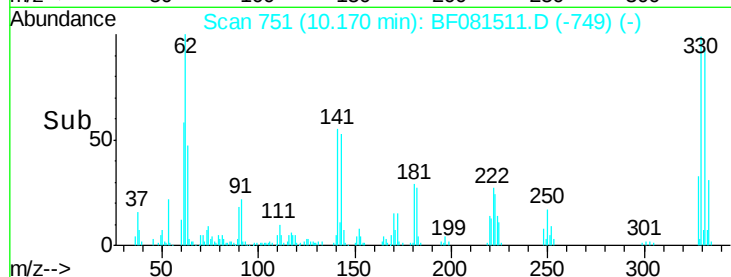
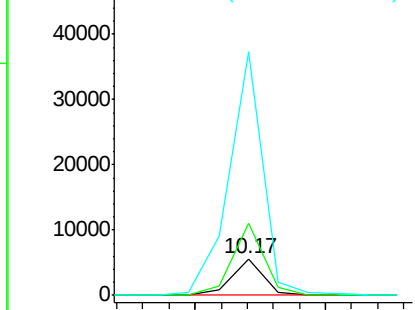
#66
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Instrument :
BNA_F
ClientSampled :
SB002

Tot Ion:248 Resp: 4831
Ion Ratio Lower Upper
248 100
250 196.5 78.5 117.7#
141 661.0 59.0 88.6#

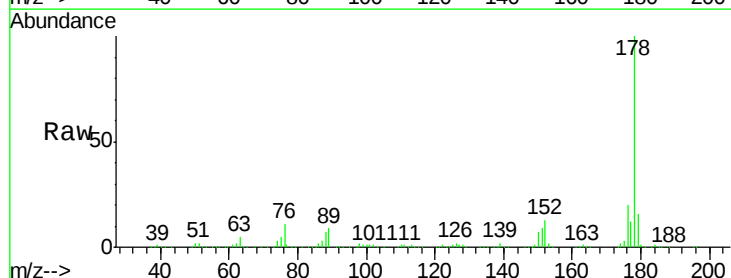


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

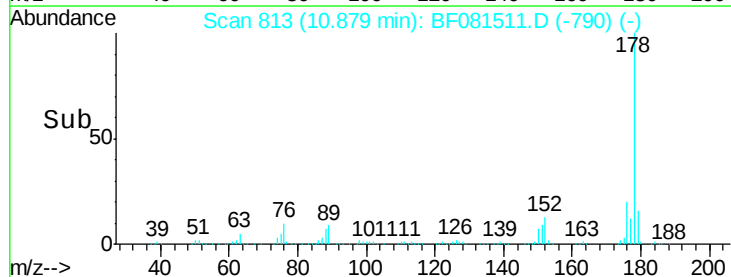
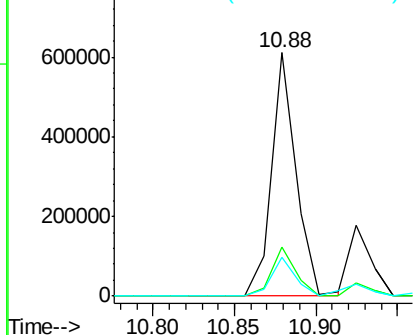


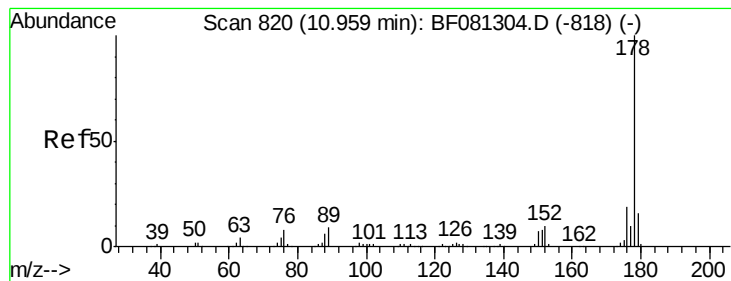
#70
Phenanthrene
Concen: 84.14 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:178 Resp: 640484
Ion Ratio Lower Upper
178 100
176 20.0 13.8 20.8
179 15.8 12.2 18.2



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: 21.13 ng

RT: 10.92 min Scan# 817

Delta R.T. -0.03 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

Instrument :

BNA_F

ClientSampleId :

SB002

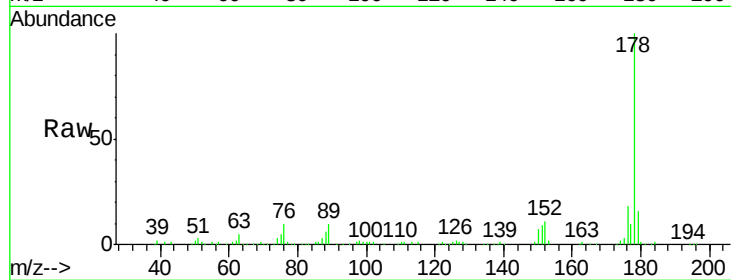
Tot Ion:178 Resp: 165241

Ion Ratio Lower Upper

178 100

176 18.3 14.1 21.1

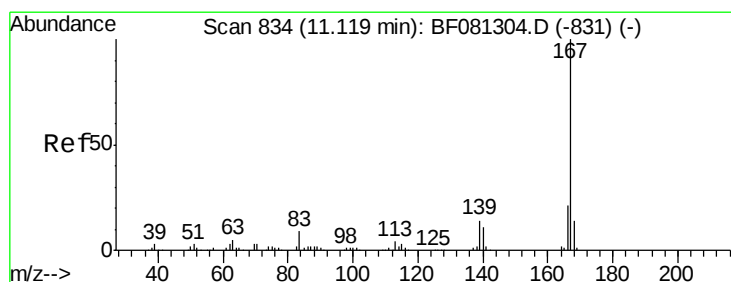
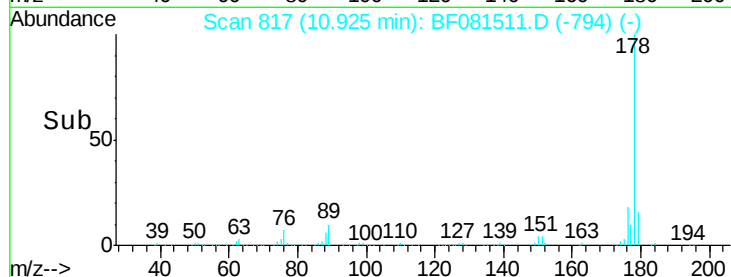
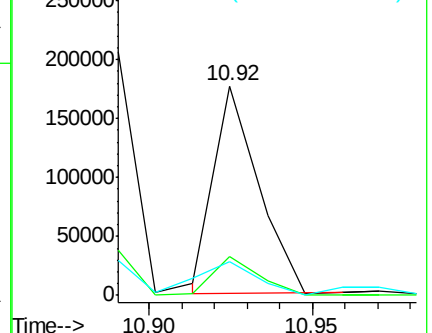
179 16.1 12.2 18.2



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: 11.87 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

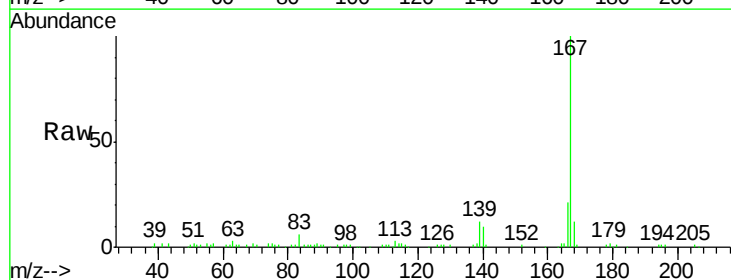
Tgt Ion:167 Resp: 87134

Ion Ratio Lower Upper

167 100

166 20.7 15.7 23.5

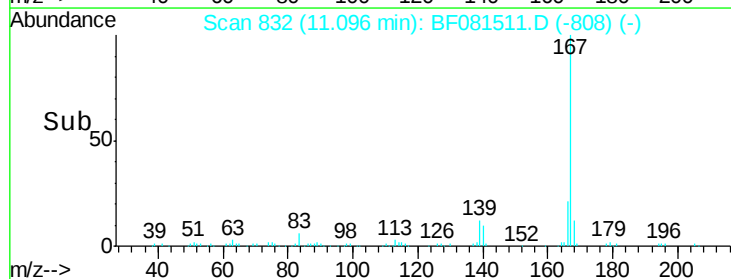
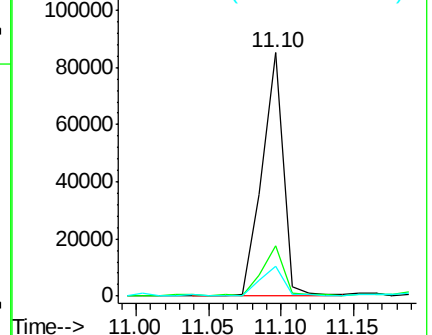
139 12.3 9.5 14.3

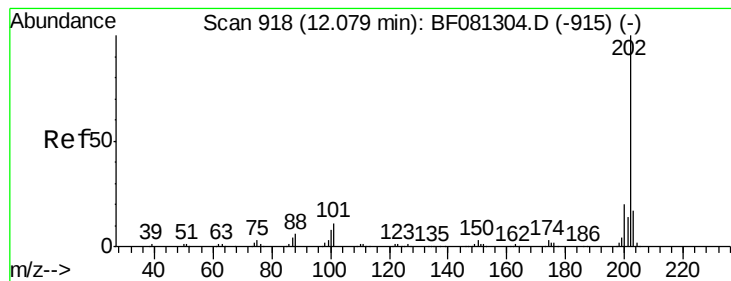


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 106.48 ng

RT: 12.06 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

Instrument :

BNA_F

ClientSampleId :

SB002

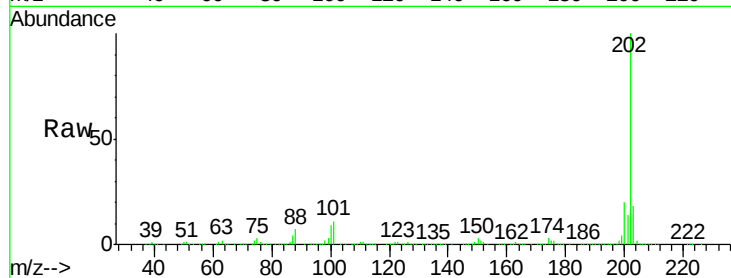
Tot Ion:202 Resp: 877510

Ion Ratio Lower Upper

202 100

101 11.2 0.0 38.3

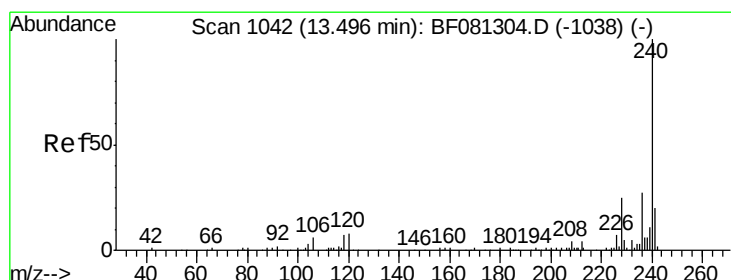
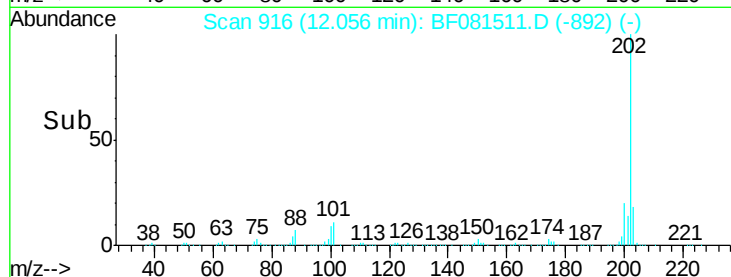
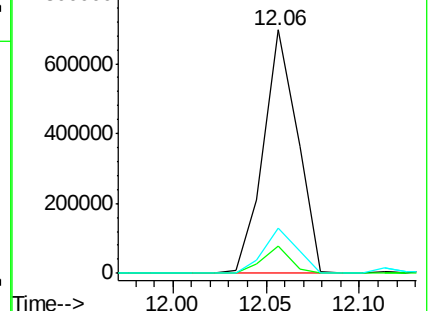
203 18.4 0.0 37.3



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: 13.47 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

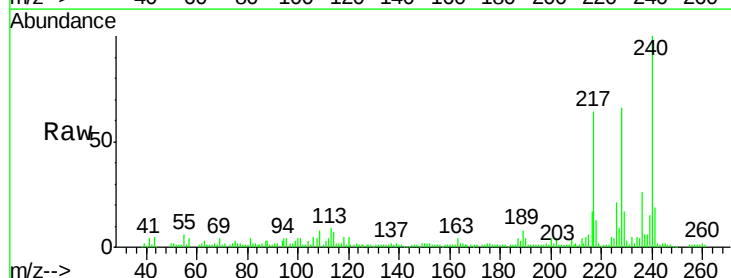
Tgt Ion:240 Resp: 100254

Ion Ratio Lower Upper

240 100

120 5.5 16.2 24.2#

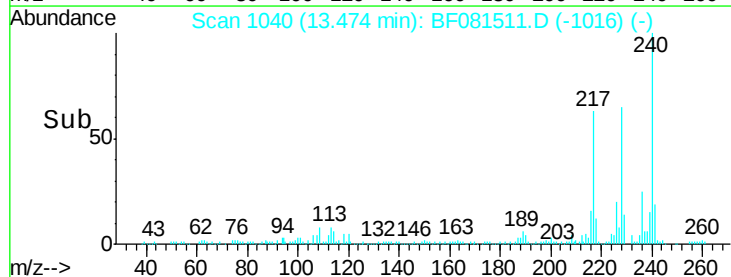
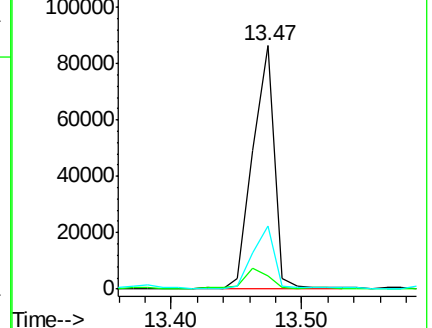
236 25.7 18.4 27.6

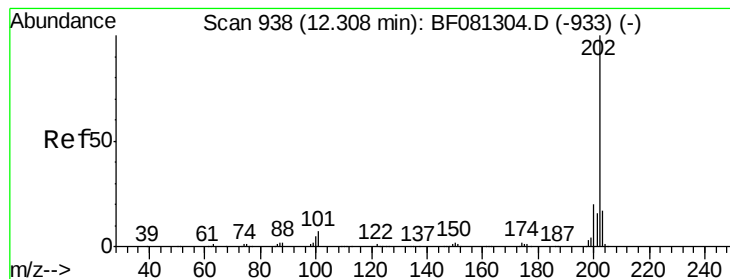


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 113.88 ng

RT: 12.28 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

Instrument :

BNA_F

ClientSampleId :

SB002

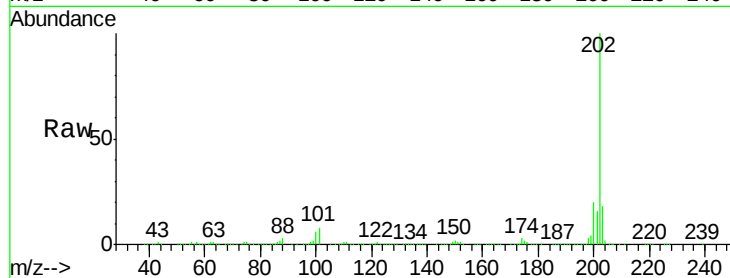
Tot Ion:202 Resp: 845732

Ion Ratio Lower Upper

202 100

200 20.3 15.0 22.4

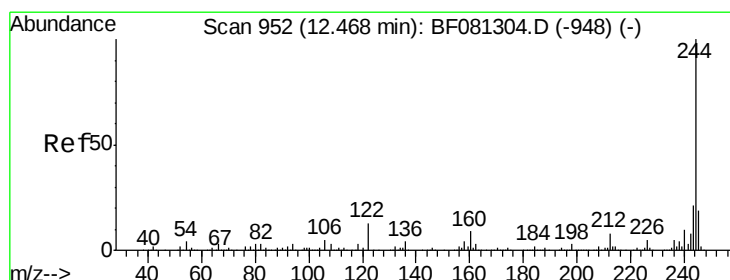
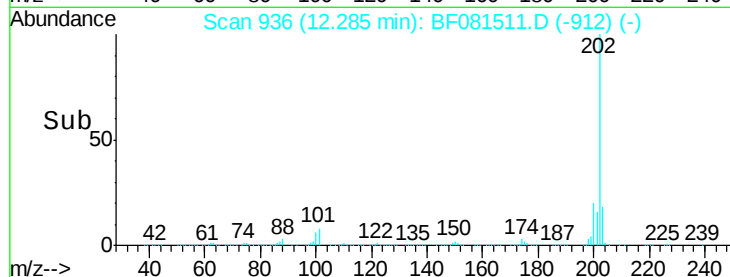
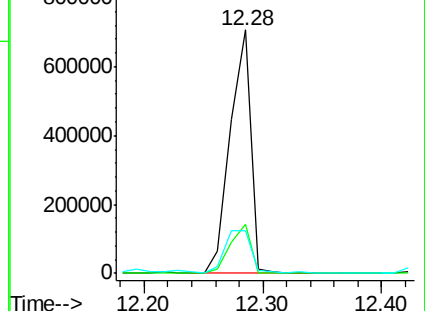
203 17.8 14.1 21.1



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: 52.48 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

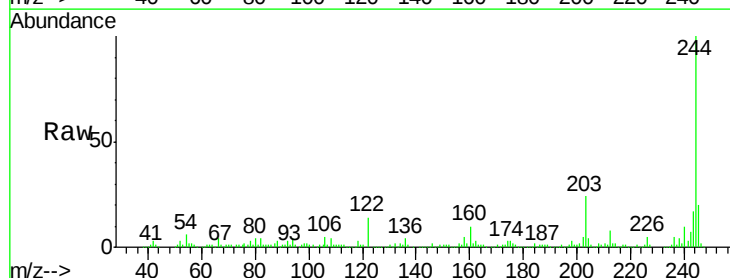
Tgt Ion:244 Resp: 226000

Ion Ratio Lower Upper

244 100

212 8.3 4.3 6.5#

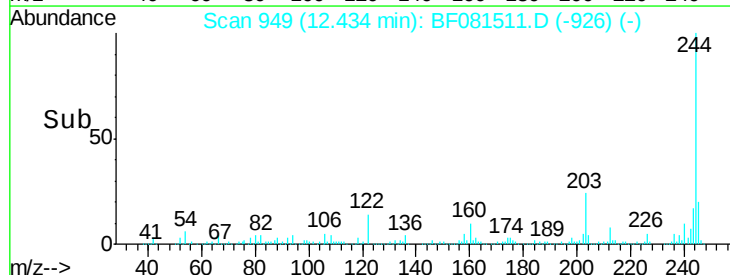
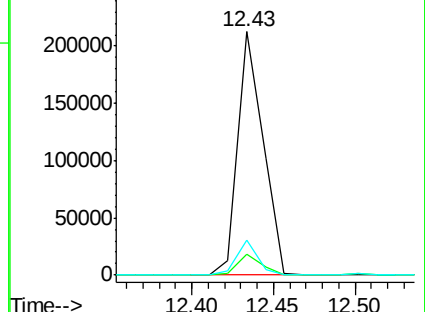
122 14.2 17.4 26.2#

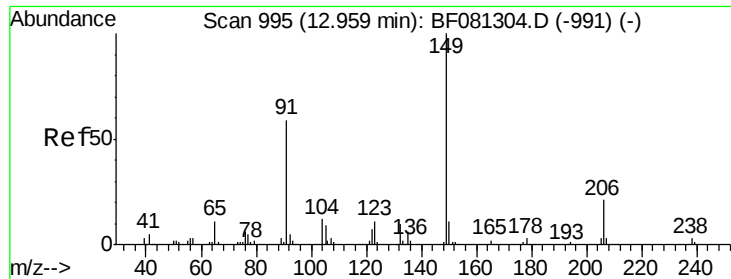


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

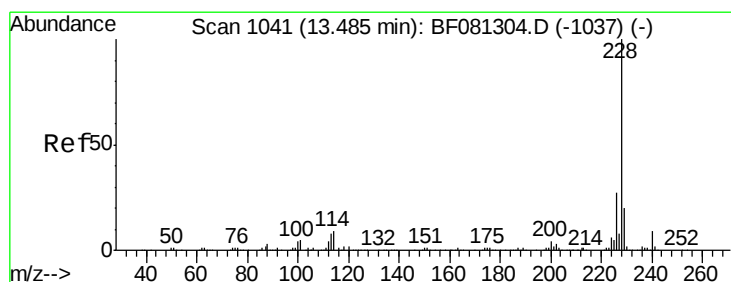
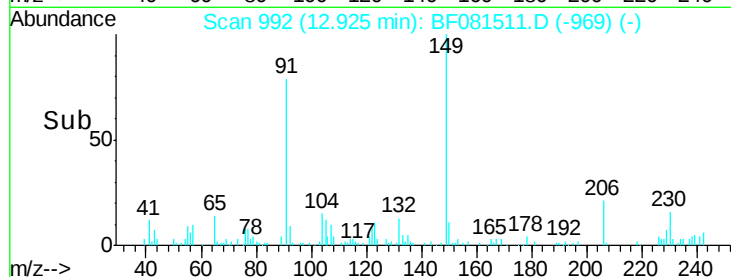
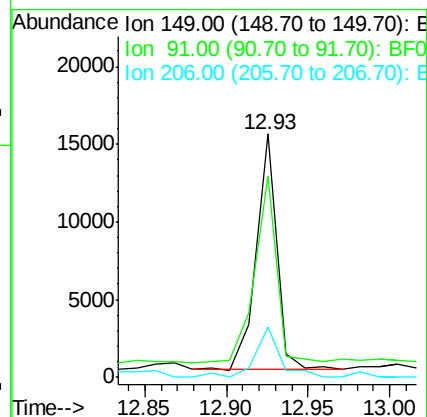
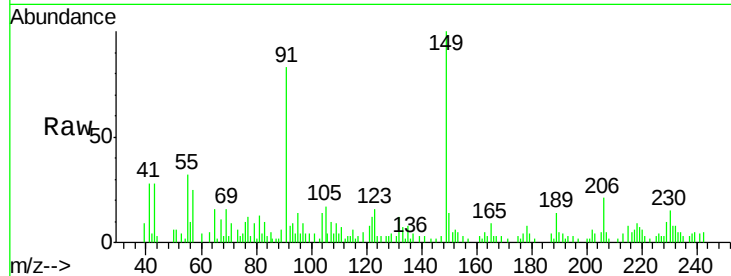




#79
Butylbenzylphthalate
Concen: 4.12 ng
RT: 12.93 min Scan# 992
Delta R.T. -0.03 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

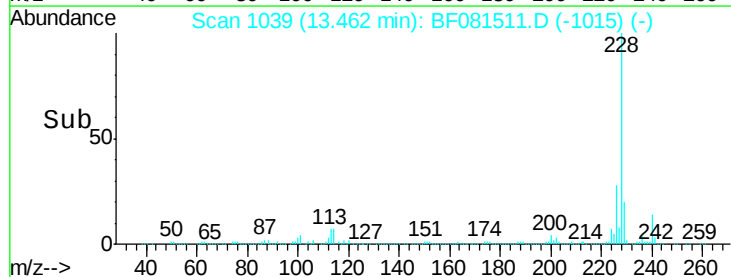
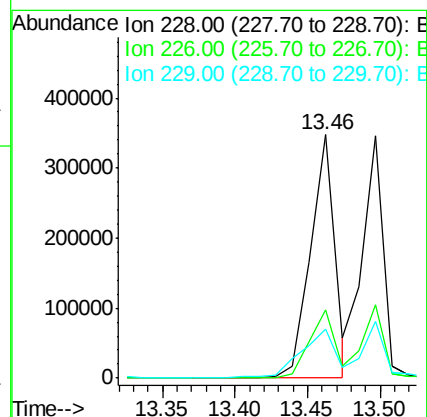
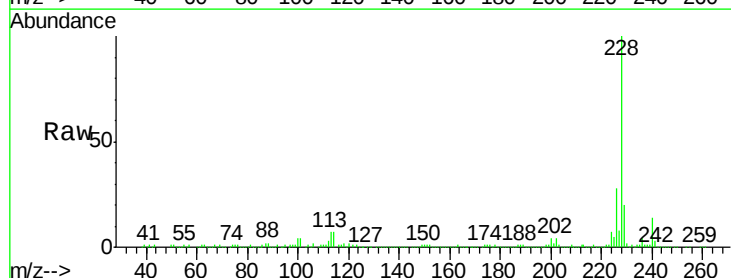
Instrument :
BNA_F
ClientSampleId :
SB002

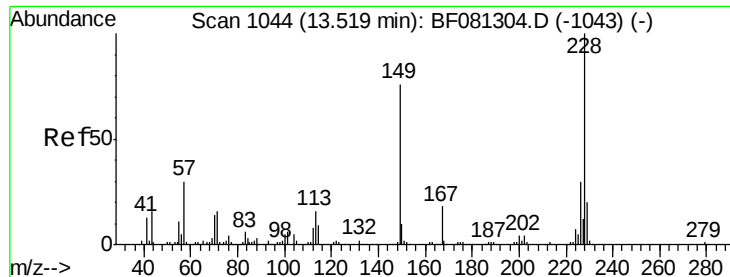
Tot Ion:149 Resp: 13294
Ion Ratio Lower Upper
149 100
91 82.9 48.6 72.8#
206 20.5 14.9 22.3



#80
Benzo(a)anthracene
Concen: 63.43 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF081511.D
Acq: 6 Sep 2015 15:49

Tgt Ion:228 Resp: 404941
Ion Ratio Lower Upper
228 100
226 28.2 20.0 30.0
229 20.0 15.4 23.2

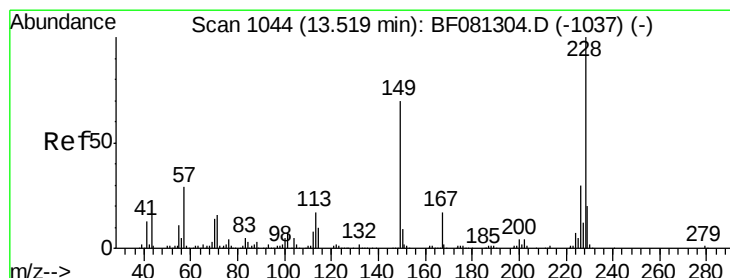
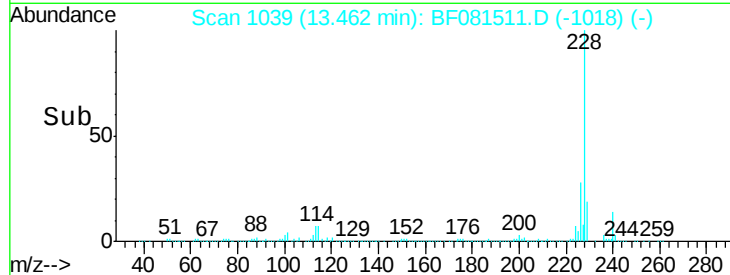
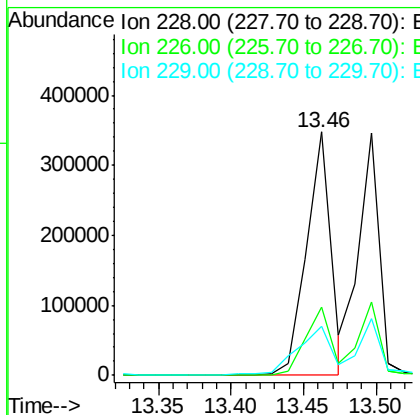
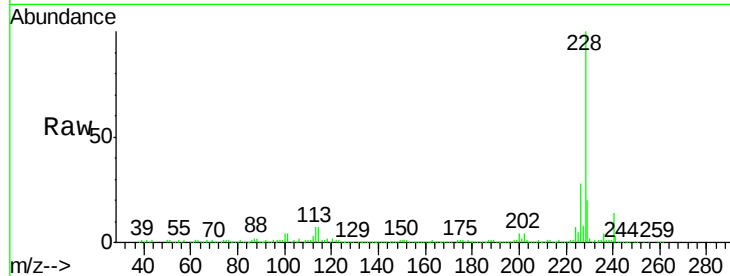




#82
 Chrysene
 Concen: 70.75 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. -0.06 min
 Lab File: BF081511.D
 Acq: 6 Sep 2015 15:49

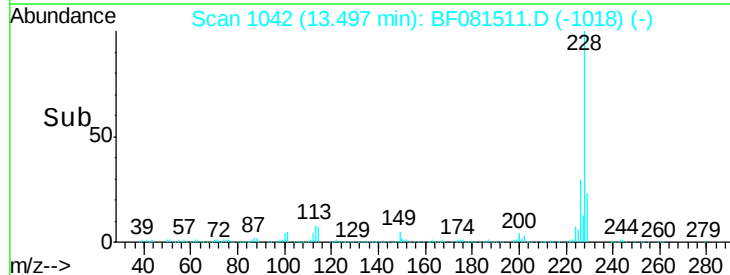
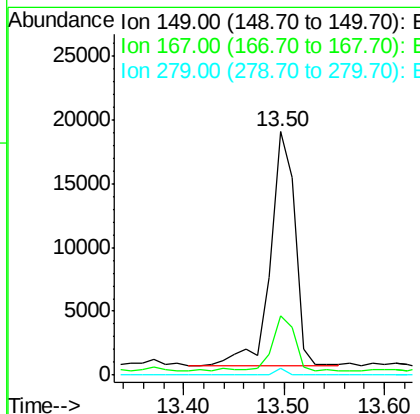
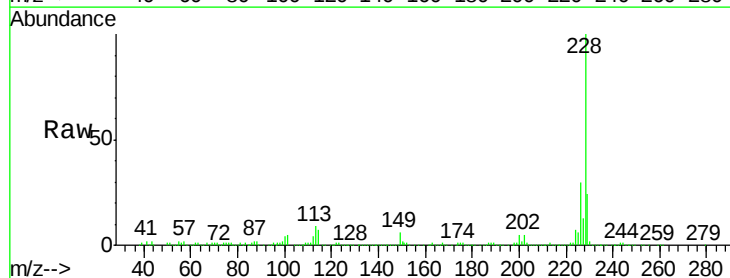
Instrument :
 BNA_F
 ClientSampleId :
 SB002

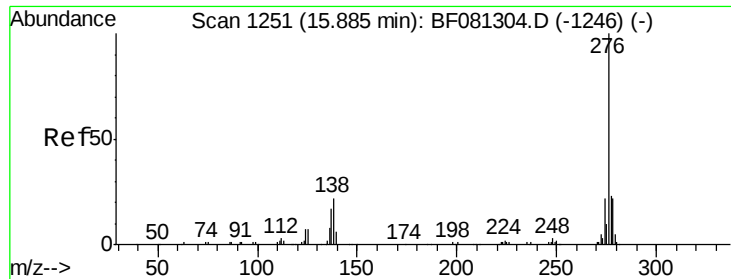
Tot Ion:228	Resp:	404941
Ion Ratio	Lower	Upper
228	100	
226	28.2	21.0 31.4
229	20.0	15.6 23.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.36 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF081511.D
 Acq: 6 Sep 2015 15:49

Tgt Ion:149	Resp:	31381
Ion Ratio	Lower	Upper
149	100	
167	24.2	24.2 36.2
279	2.6	3.8 5.6#

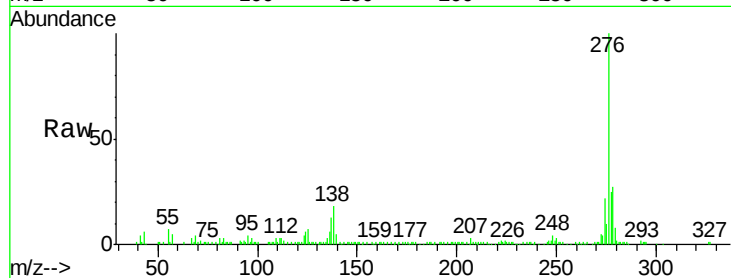




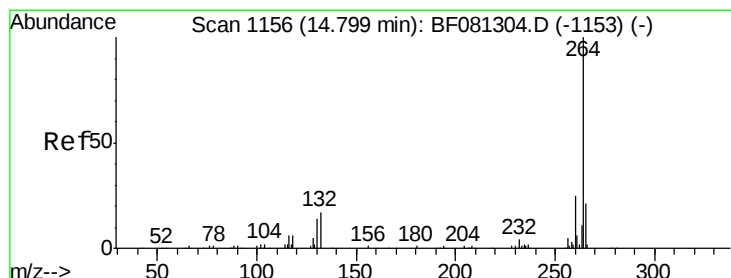
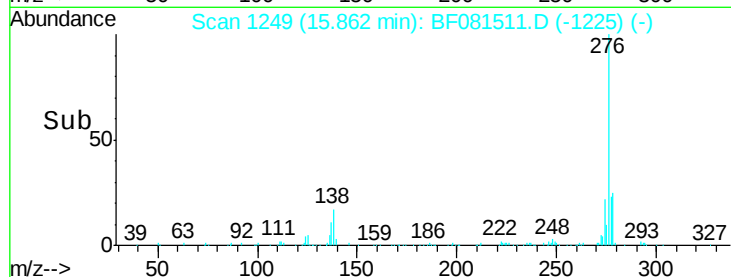
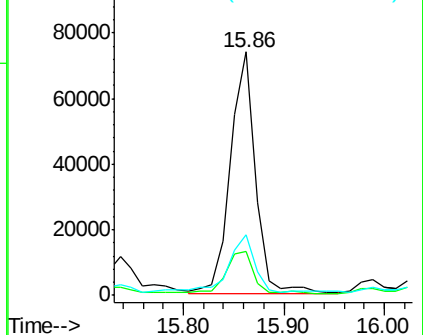
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.50 ng
 RT: 15.86 min Scan# 1249
 Delta R.T. -0.02 min
 Lab File: BF081511.D
 Acq: 6 Sep 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SB002

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	25.7	38.5#
277	23.7	15.6	23.4#

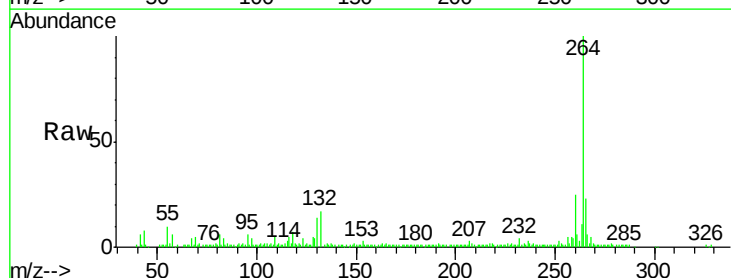


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

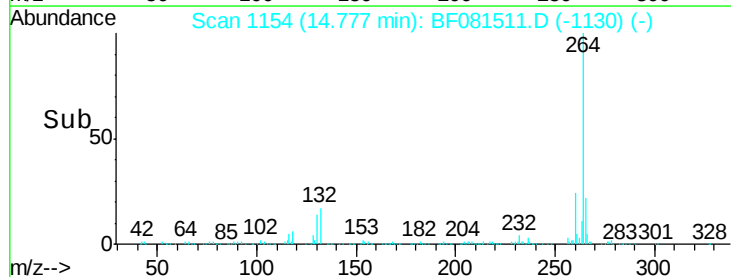
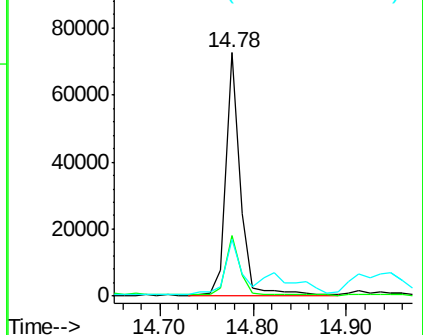


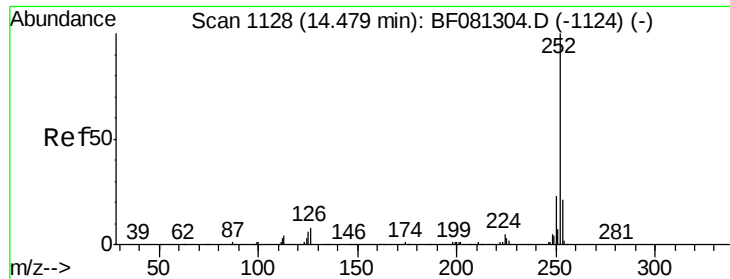
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BF081511.D
 Acq: 6 Sep 2015 15:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	23.2	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 89.79 ng

RT: 14.46 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

Instrument :

BNA_F

ClientSampleId :

SB002

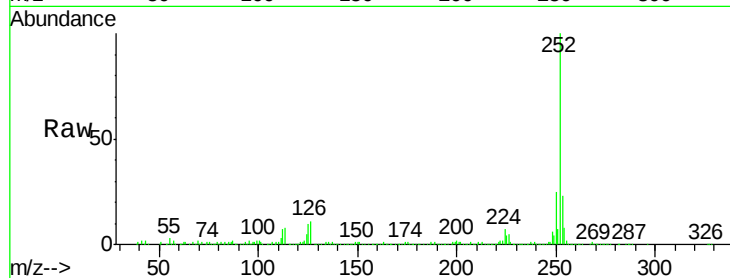
Tot Ion:252 Resp: 510973

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

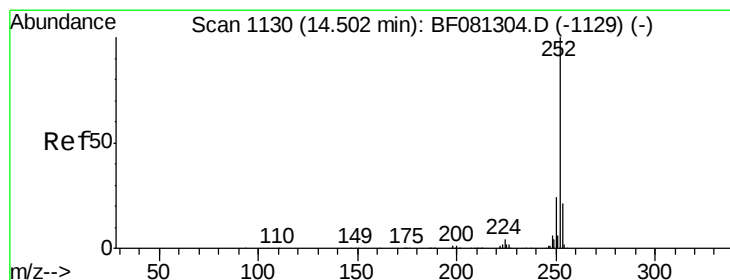
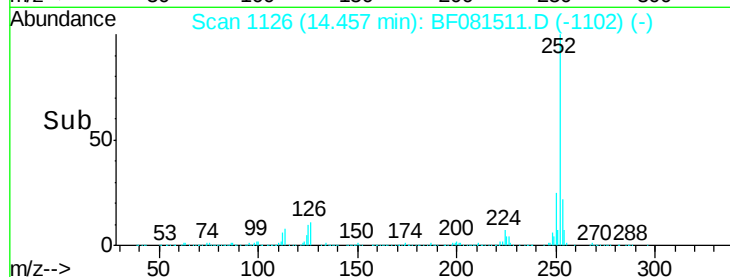
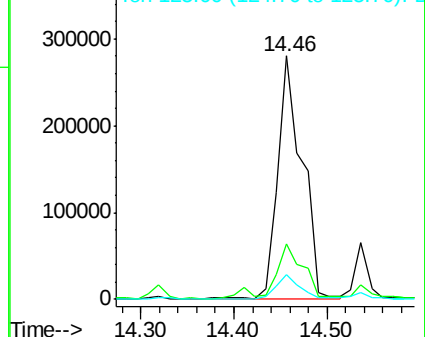
125 10.1 17.1 25.7#



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



#88

Benzo(k)fluoranthene

Concen: 108.21 ng

RT: 14.46 min Scan# 1126

Delta R.T. -0.05 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

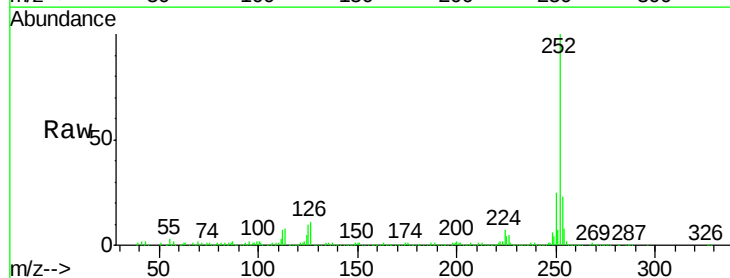
Tgt Ion:252 Resp: 510973

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.4

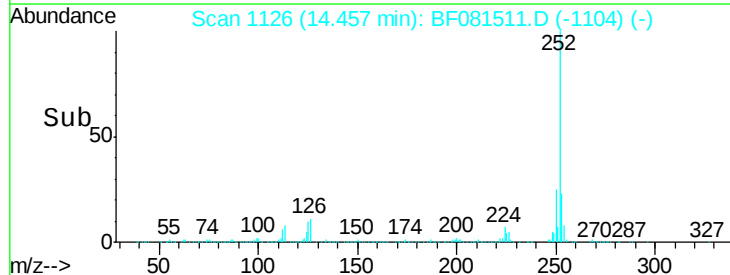
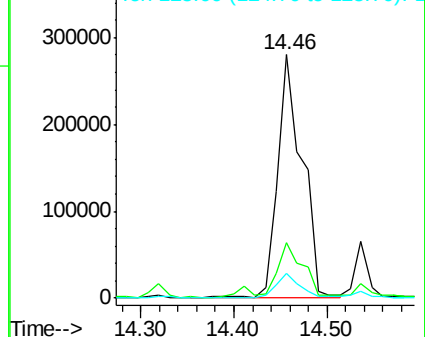
125 10.1 16.0 24.0#

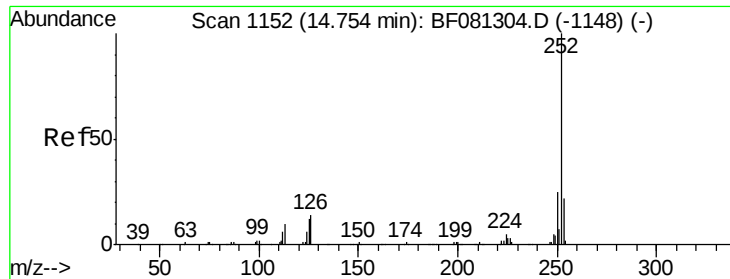


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.59 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

Instrument :

BNA_F

ClientSampleId :

SB002

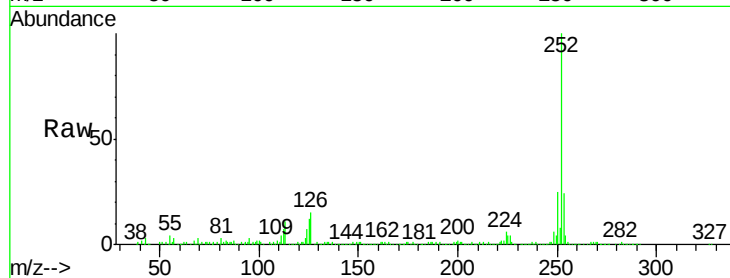
Tot Ion:252 Resp: 243943

Ion Ratio Lower Upper

252 100

253 23.9 17.2 25.8

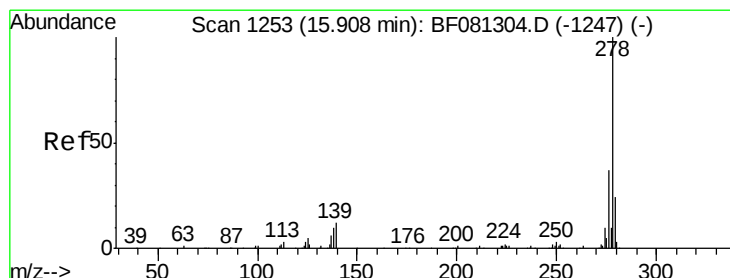
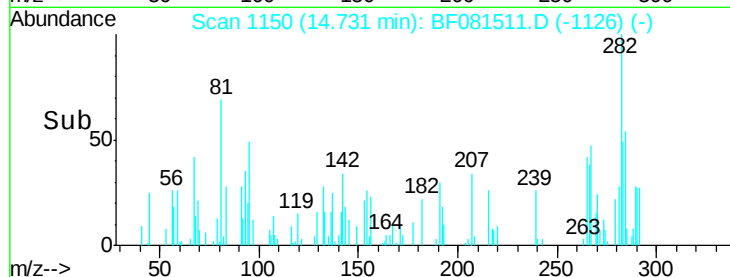
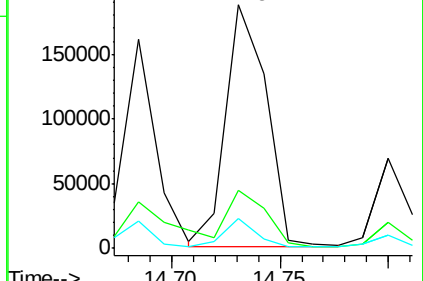
125 12.5 18.0 27.0#



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: 10.85 ng

RT: 15.86 min Scan# 1249

Delta R.T. -0.05 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

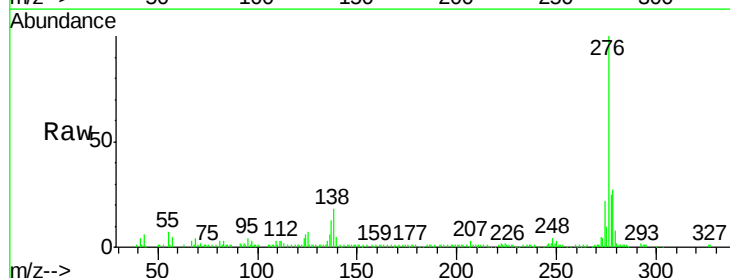
Tgt Ion:278 Resp: 40437

Ion Ratio Lower Upper

278 100

139 18.4 26.3 39.5#

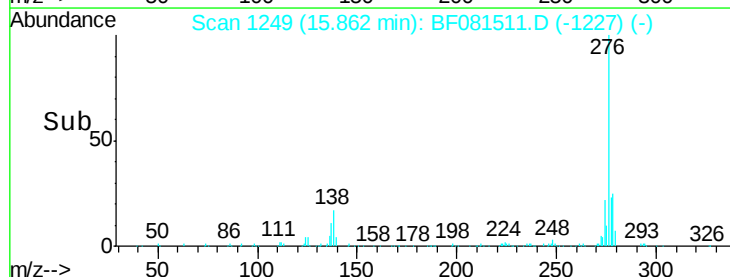
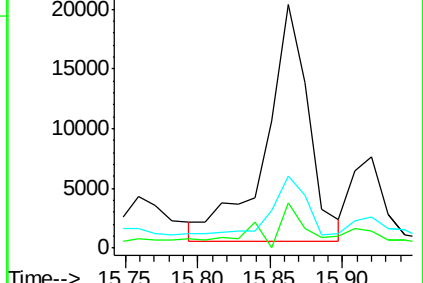
279 29.8 18.2 27.4#

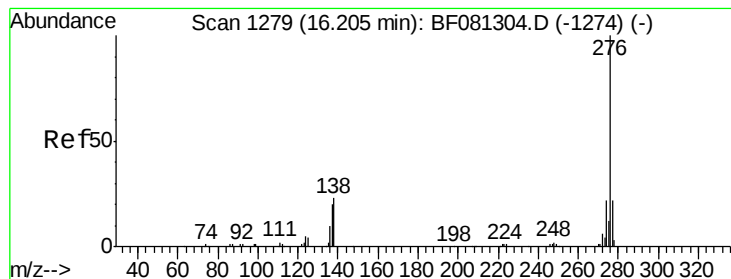


Abundance Ion 278.00 (277.70 to 278.70): E

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: 30.20 ng

RT: 16.18 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF081511.D

Acq: 6 Sep 2015 15:49

Instrument :

BNA_F

ClientSampleId :

SB002

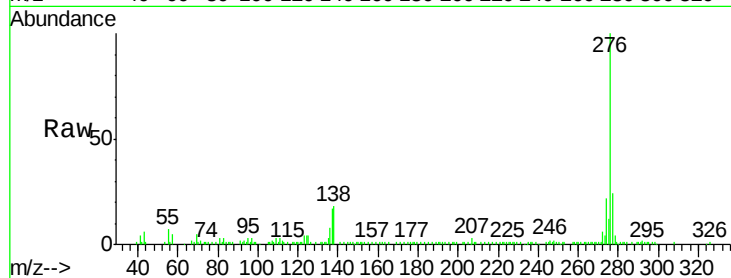
Tot Ion:276 Resp: 107414

Ion Ratio Lower Upper

276 100

277 24.0 17.8 26.6

138 17.8 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

