

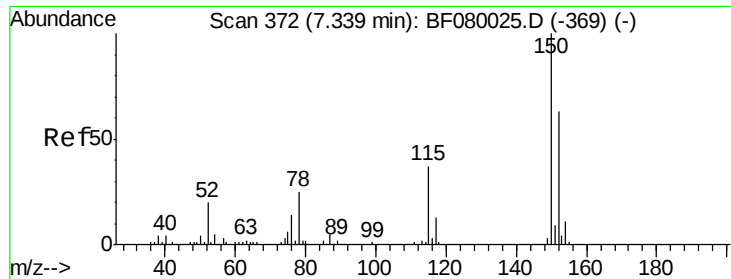
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080228.D
 Acq On : 30 Jun 2015 3:41
 Operator : TP/IZ
 Sample : G2829-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Jun 30 05:24:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	32178	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	123510	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	66676	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	123100	20.00	ng	-0.05
75) Chrysene-d12	14.81	240	134858	20.00	ng	-0.18
86) Perylene-d12	16.69	264	133370	20.00	ng	-0.24
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	108084	59.46	ng	-0.03
7) Phenol-d6	6.90	99	113859	47.07	ng	-0.02
23) Nitrobenzene-d5	7.85	82	211429	99.66	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	83391	127.90	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	400553	85.67	ng	-0.03
78) Terphenyl-d14	13.55	244	484373	83.88	ng	-0.13
Target Compounds						Qvalue
9) Benzaldehyde	6.87	77	4030	2.89	ng	# 5
15) Benzyl Alcohol	7.45	79	4383	2.22	ng	# 25
18) Hexachloroethane	7.76	117	2302	2.88	ng	# 1
19) n-Nitroso-di-n-propylamine	7.85	70	27918	16.62	ng	# 59
20) 3+4-Methylphenols	7.68	107	14089	6.08	ng	# 85
22) Acetophenone	7.69	105	7710	2.68	ng	# 66
25) Isophorone	7.85	82	211423	49.52	ng	# 58
31) Naphthalene	8.61	128	187776	29.08	ng	# 98
32) Benzoic acid	8.26	122	4918	4.26	ng	# 70
33) 4-Chloroaniline	8.61	127	26678	9.65	ng	# 31
37) 2-Methylnaphthalene	9.30	142	172651	41.33	ng	# 91
49) Dimethylphthalate	10.05	163	16378	3.27	ng	# 91
51) Acenaphthene	10.39	154	9065	2.02	ng	# 79
54) Dibenzofuran	10.56	168	13218	2.07	ng	# 85
57) Fluorene	10.92	166	13449	2.66	ng	# 82
66) 4-Bromophenyl-phenylether	11.16	248	5832	4.46	ng	# 1
70) Phenanthrene	11.89	178	15145	2.03	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF080228.D

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Instrument :

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MW-9

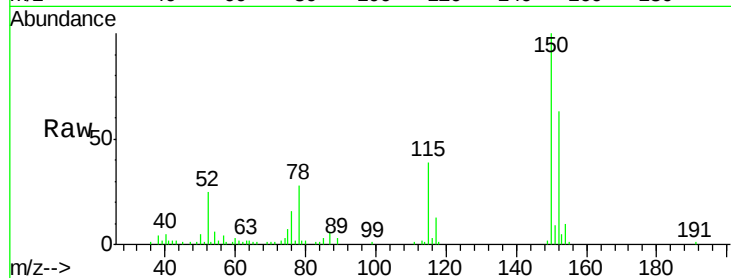
Tgt Ion:152 Resp: 32178

Ion Ratio Lower Upper

152 100

150 159.4 124.7 187.1

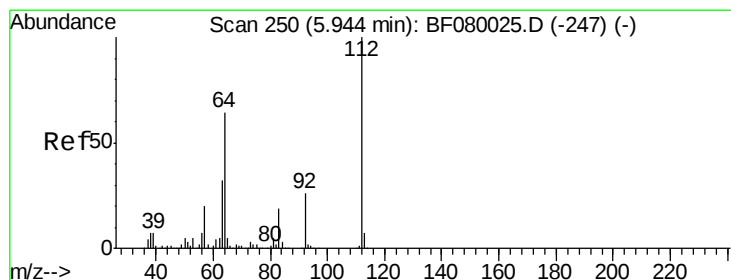
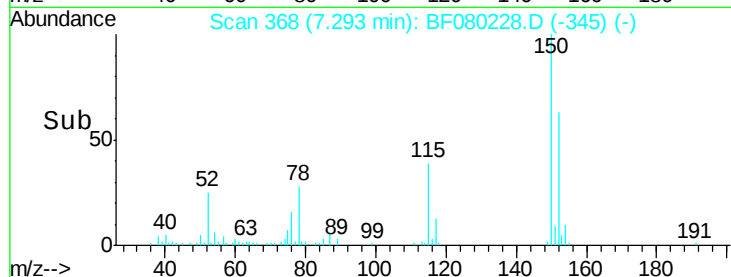
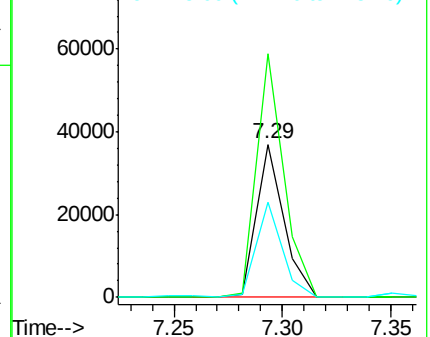
115 62.1 39.0 58.4#



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: 59.46 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

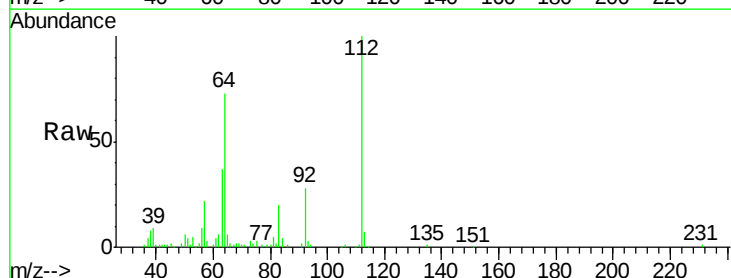
Tgt Ion:112 Resp: 108084

Ion Ratio Lower Upper

112 100

64 73.2 39.7 59.5#

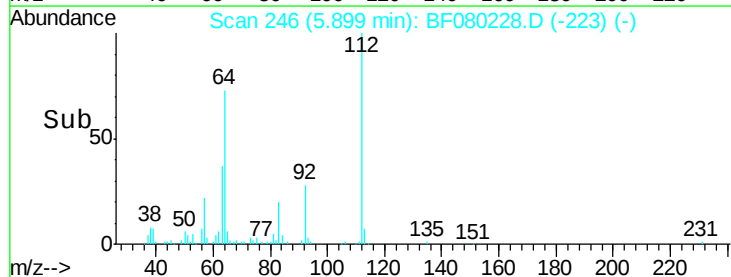
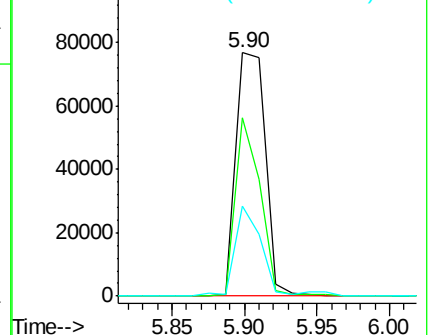
63 36.9 17.4 26.0#

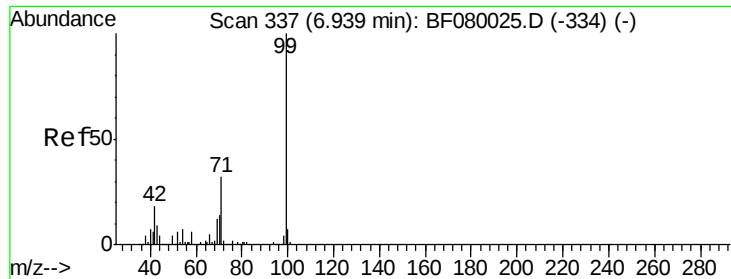


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.07 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

Instrument :

BNA_F

ClientSampleId :

MW-9

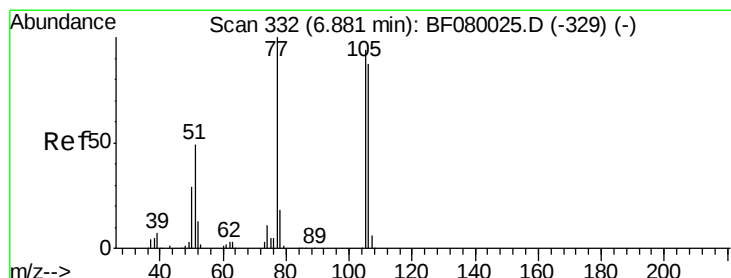
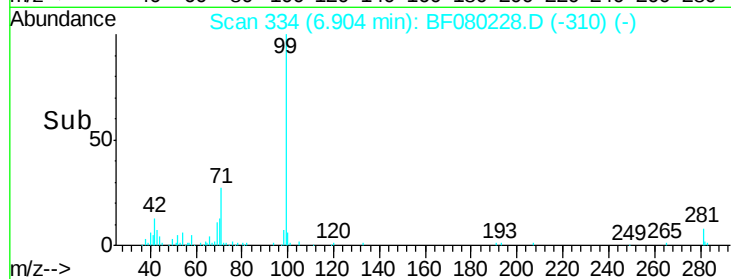
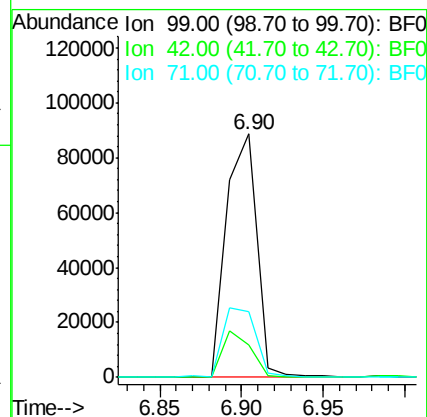
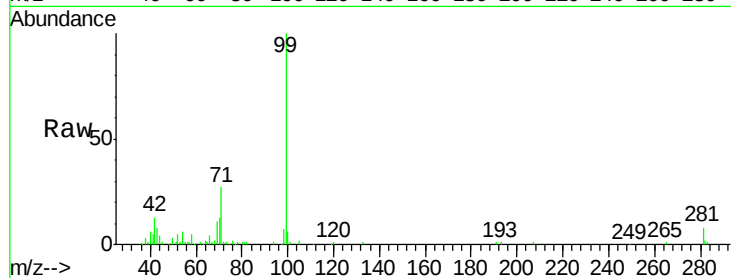
Tgt Ion: 99 Resp: 113859

Ion Ratio Lower Upper

99 100

42 13.3 13.7 20.5#

71 27.1 14.2 21.2#



#9

Benzaldehyde

Concen: 2.89 ng

RT: 6.87 min Scan# 331

Delta R.T. -0.00 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

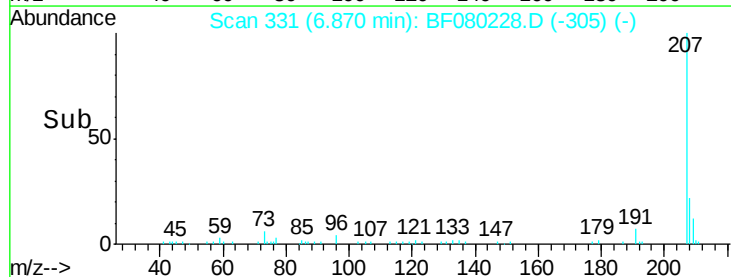
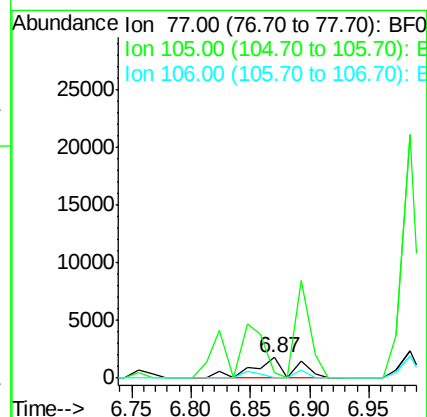
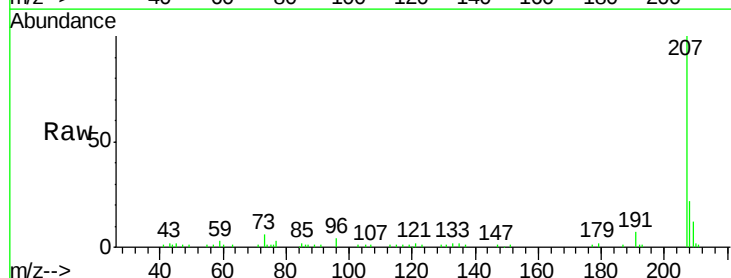
Tgt Ion: 77 Resp: 4030

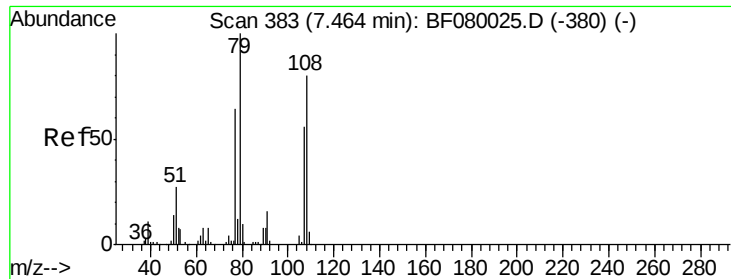
Ion Ratio Lower Upper

77 100

105 26.1 91.6 131.6#

106 0.0 102.6 142.6#





#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 7.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

Instrument :

BNA_F

ClientSampleId :

MW-9

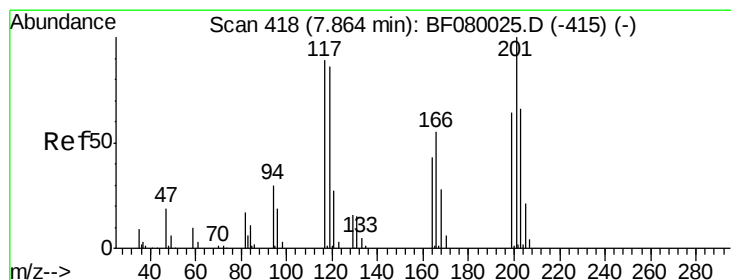
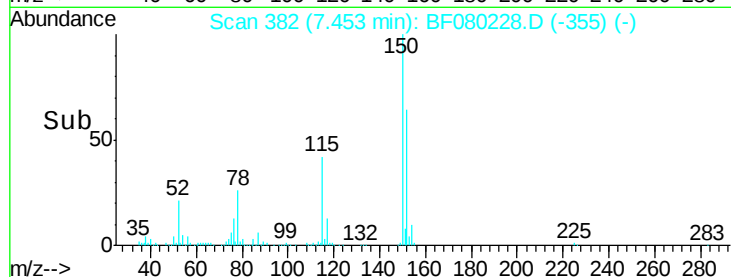
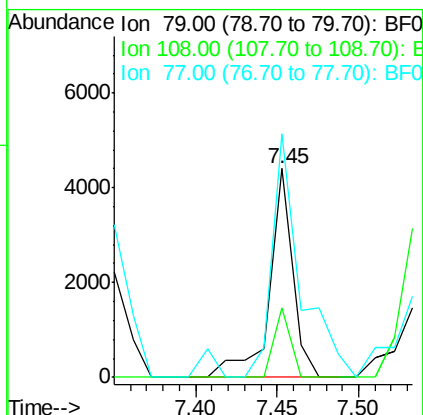
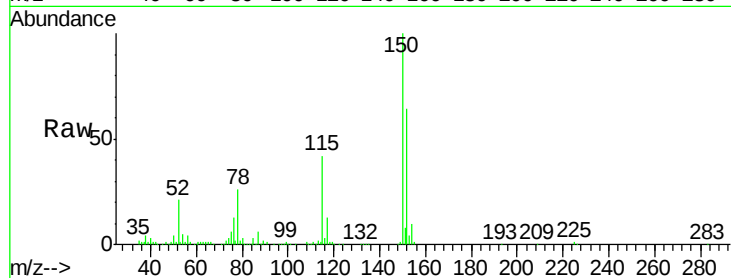
Tgt Ion: 79 Resp: 4383

Ion Ratio Lower Upper

79 100

108 33.5 88.6 132.8#

77 116.8 47.0 70.4#



#18

Hexachloroethane

Concen: 2.88 ng

RT: 7.76 min Scan# 409

Delta R.T. -0.08 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

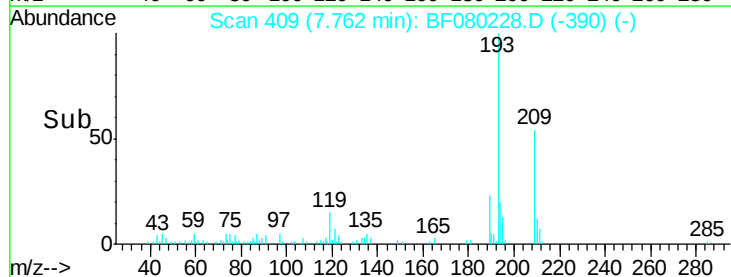
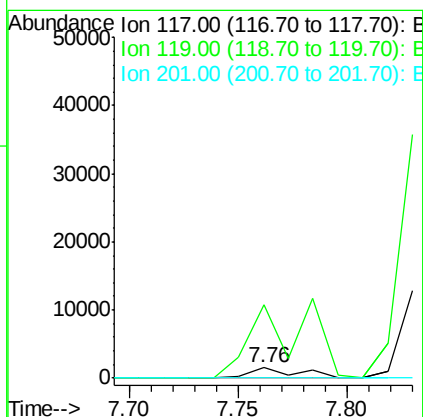
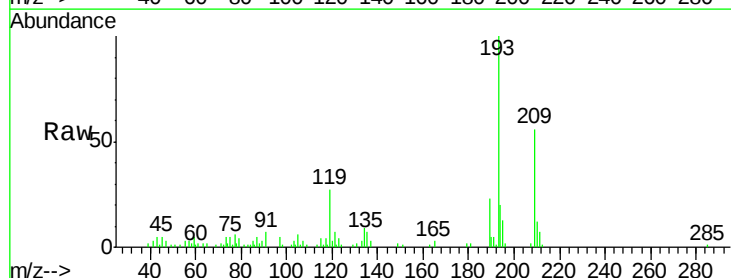
Tgt Ion: 117 Resp: 2302

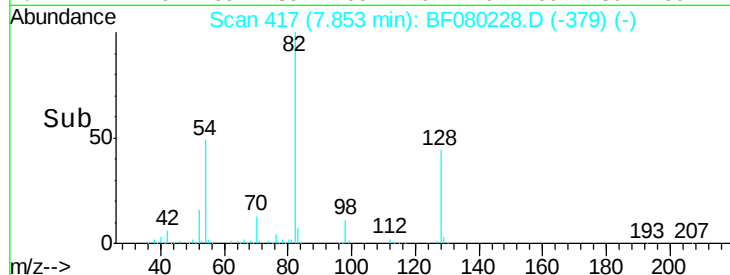
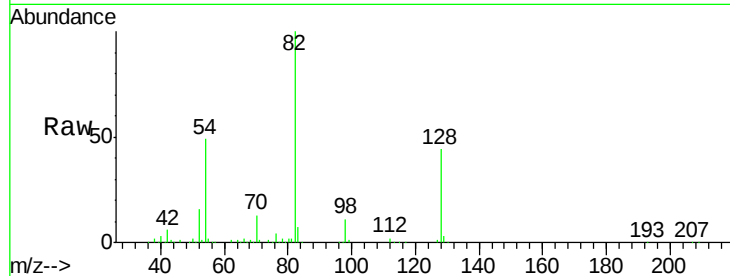
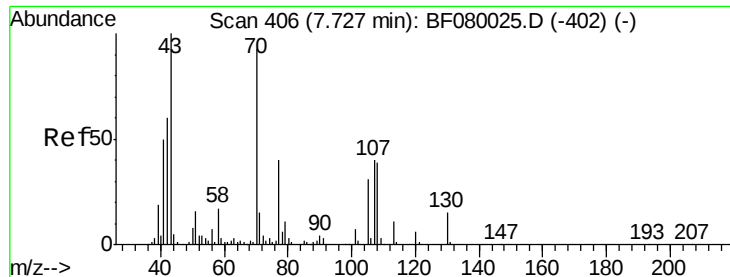
Ion Ratio Lower Upper

117 100

119 724.1 83.8 125.6#

201 0.0 55.1 82.7#

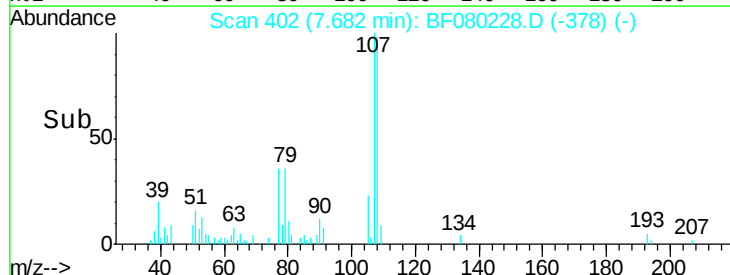
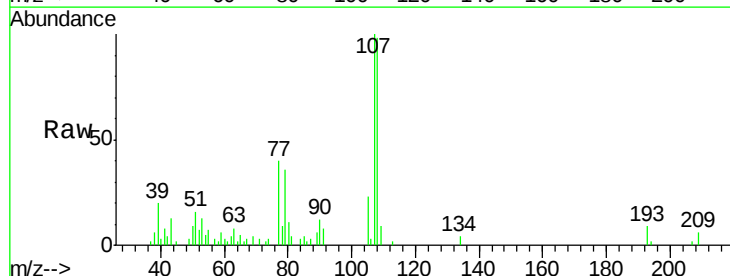
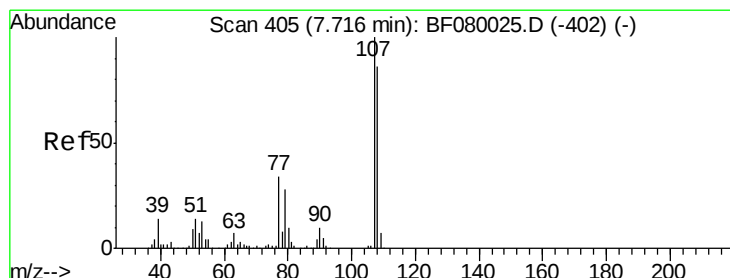
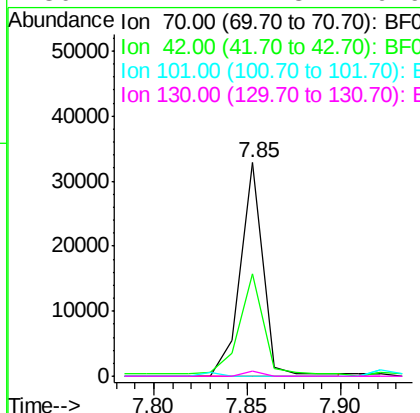




#19
n-Nitroso-di-n-propylamine
Concen: 16.62 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.14 min
Lab File: BF080228.D
Acq: 30 Jun 2015 3:41

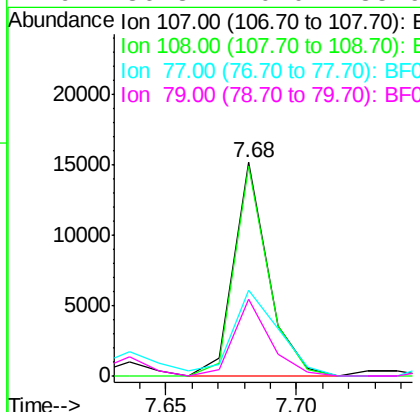
Instrument :
BNA_F
ClientSampled :
MW-9

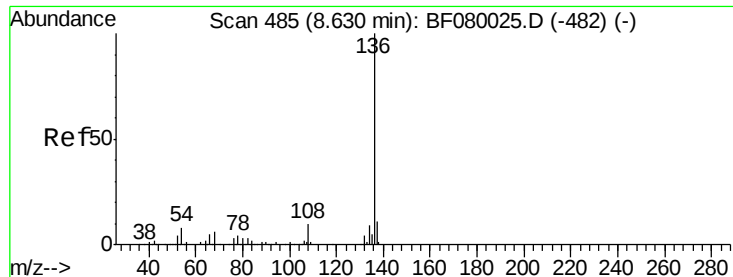
Tgt Ion: 70 Resp: 27918
Ion Ratio Lower Upper
70 100
42 47.7 63.8 95.6#
101 0.0 9.2 13.8#
130 2.4 27.3 40.9#



#20
3+4-Methylphenols
Concen: 6.08 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF080228.D
Acq: 30 Jun 2015 3:41

Tgt Ion: 107 Resp: 14089
Ion Ratio Lower Upper
107 100
108 98.3 74.6 114.6
77 40.2 0.7 40.7
79 36.3 0.0 38.9

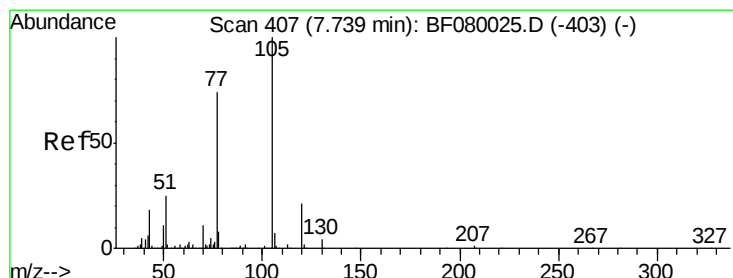
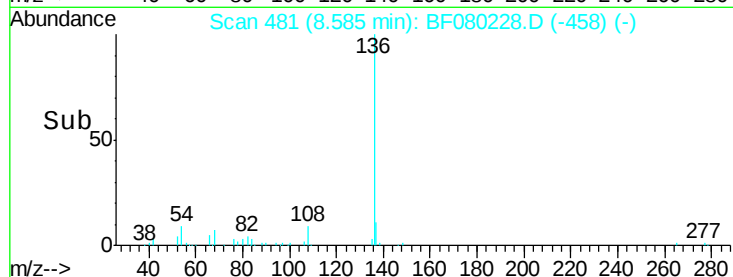
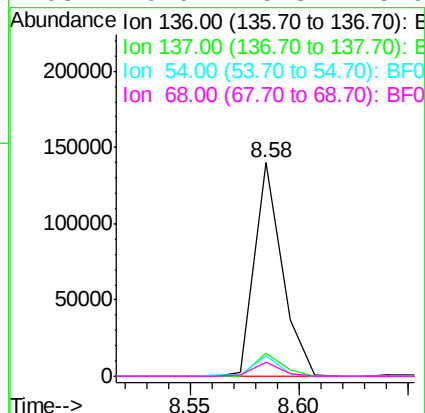
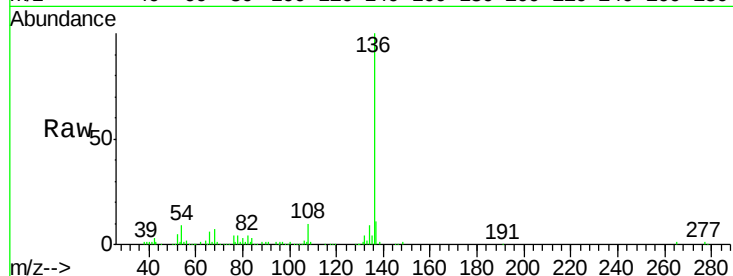




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080228.D
Acq: 30 Jun 2015 3:41

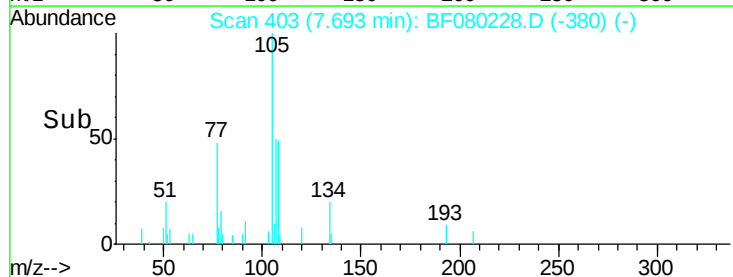
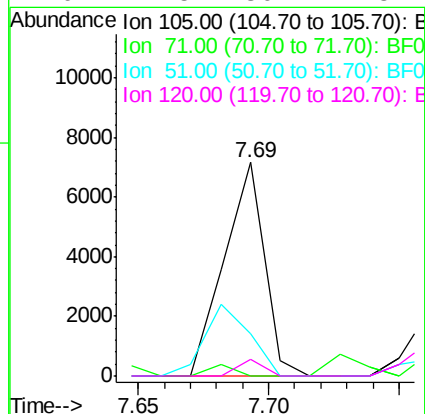
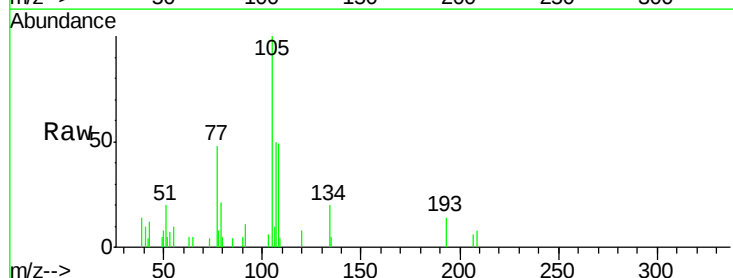
Instrument :
BNA_F
ClientSampleId :
MW-9

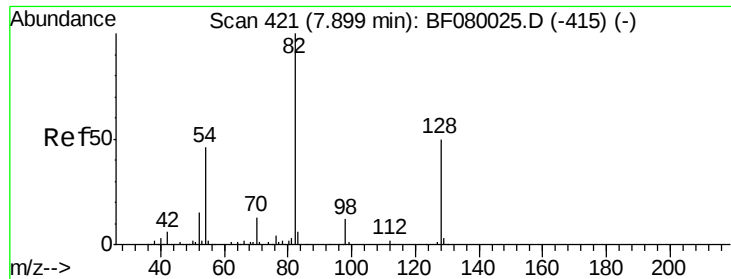
Tgt Ion:	136	Resp:	123510
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.3	8.2	12.2
68	6.9	5.8	8.6



#22
Acetophenone
Concen: 2.68 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF080228.D
Acq: 30 Jun 2015 3:41

Tgt Ion:	105	Resp:	7710
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.7	7.1#
51	19.9	22.0	33.0#
120	7.5	30.1	45.1#

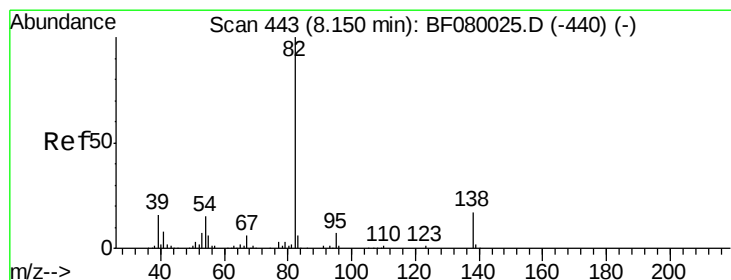
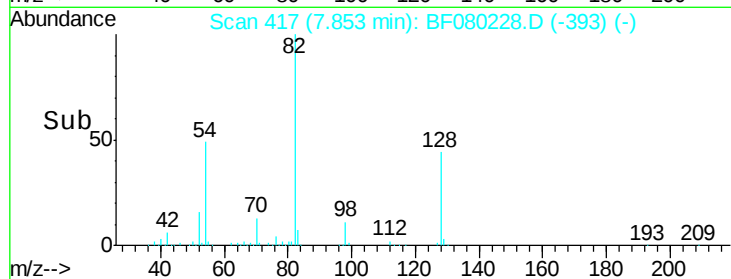
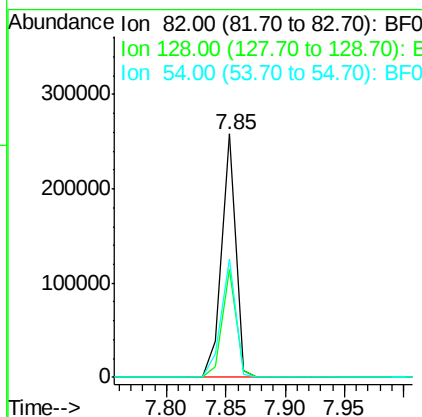
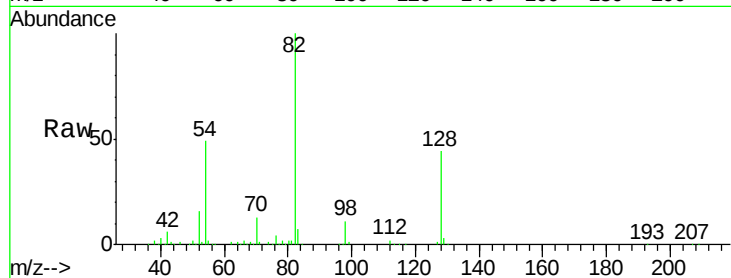




#23
 Nitrobenzene-d5
 Concen: 99.66 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF080228.D
 Acq: 30 Jun 2015 3:41

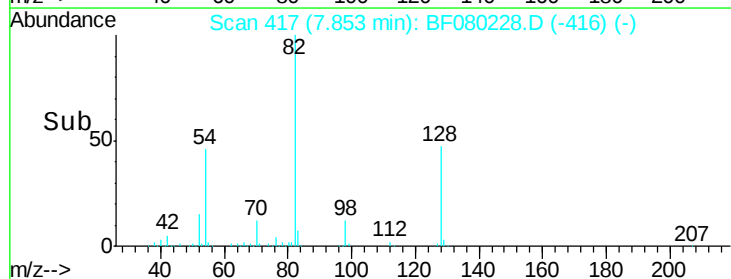
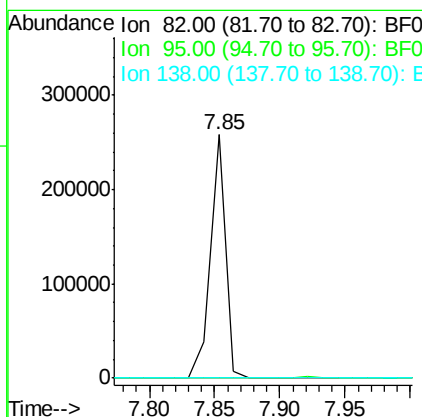
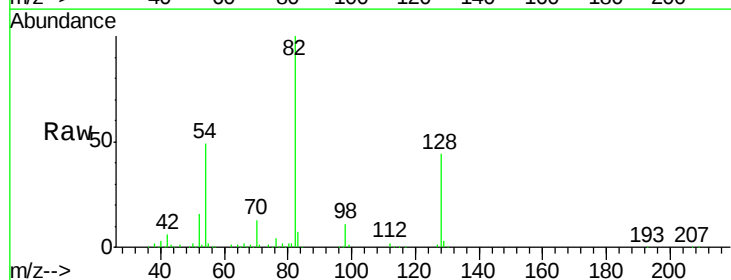
Instrument :
 BNA_F
 ClientSampleId :
 MW-9

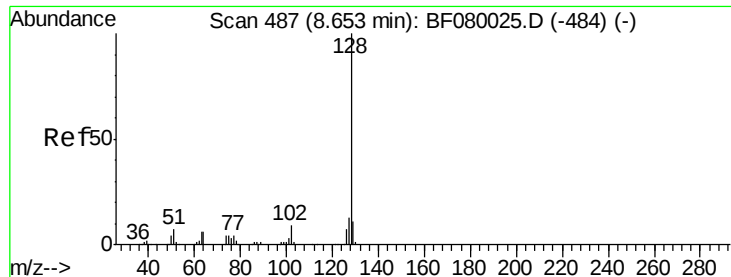
Tgt Ion: 82 Resp: 211429
 Ion Ratio Lower Upper
 82 100
 128 44.1 51.0 76.6#
 54 48.8 47.5 71.3



#25
 Isophorone
 Concen: 49.52 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.29 min
 Lab File: BF080228.D
 Acq: 30 Jun 2015 3:41

Tgt Ion: 82 Resp: 211423
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#

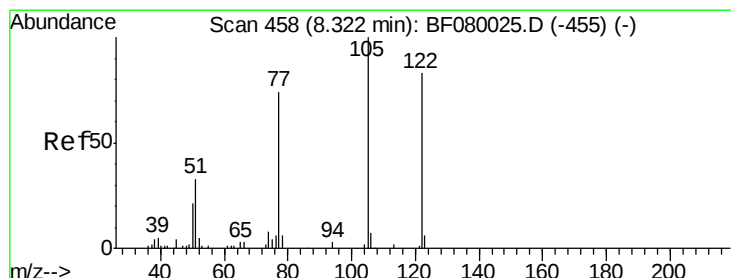
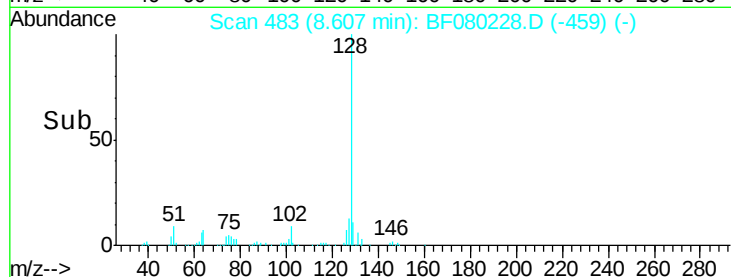
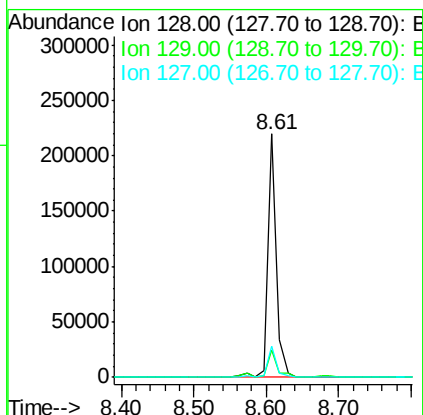
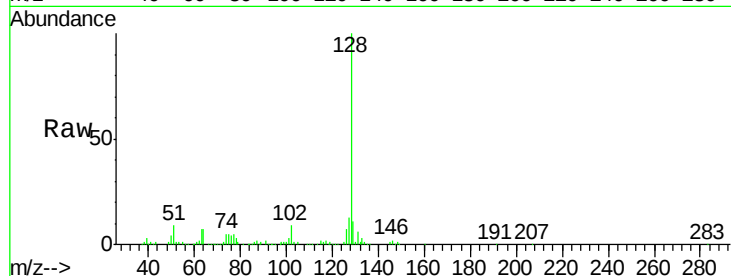




#31
Naphthalene
Concen: 29.08 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF080228.D
Acq: 30 Jun 2015 3:41

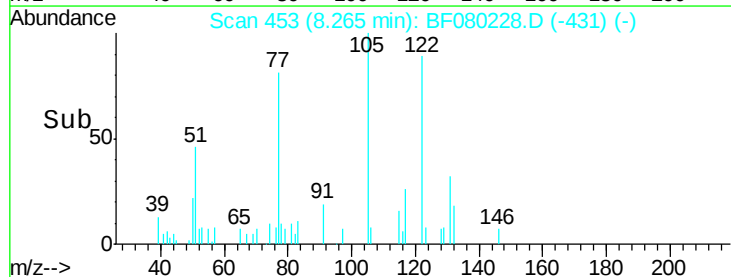
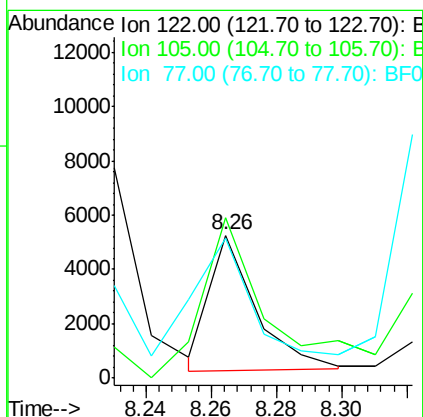
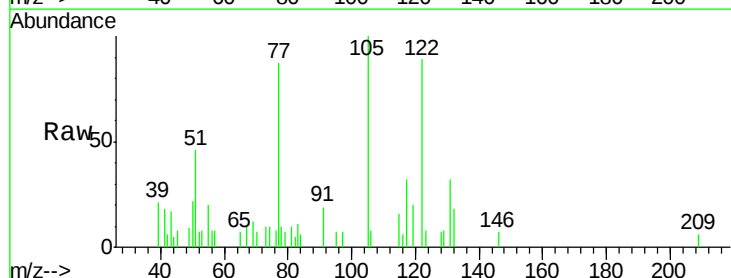
Instrument :
BNA_F
ClientSampleId :
MW-9

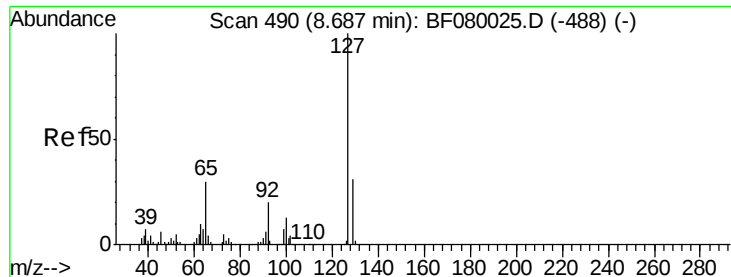
Tgt Ion:128 Resp: 187776
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 12.9 9.9 14.9



#32
Benzoic acid
Concen: 4.26 ng
RT: 8.26 min Scan# 453
Delta R.T. -0.05 min
Lab File: BF080228.D
Acq: 30 Jun 2015 3:41

Tgt Ion:122 Resp: 4918
Ion Ratio Lower Upper
122 100
105 112.5 76.1 116.1
77 98.3 40.5 80.5#

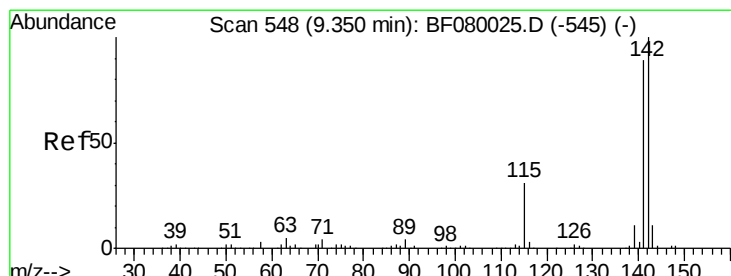
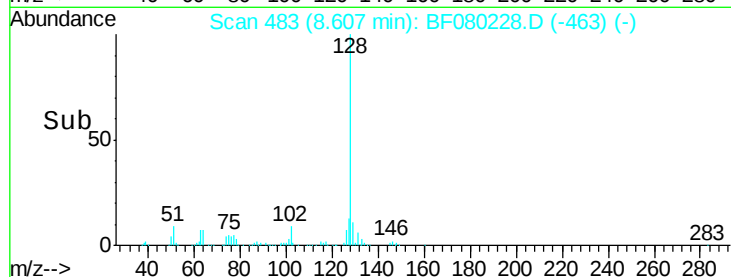
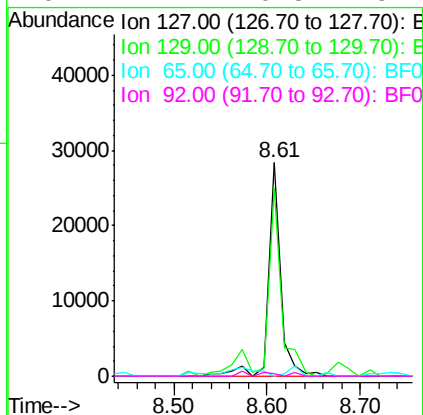
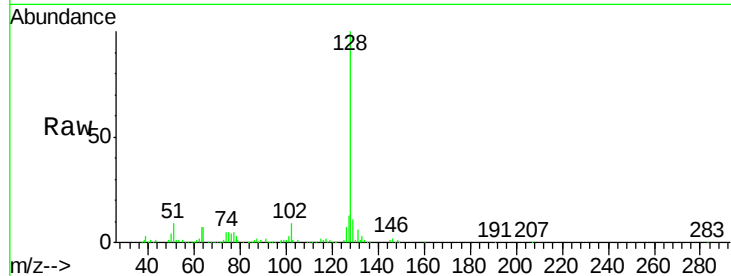




#33
4-Chloroaniline
Concen: 9.65 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.07 min
Lab File: BF080228.D
Acq: 30 Jun 2015 3:41

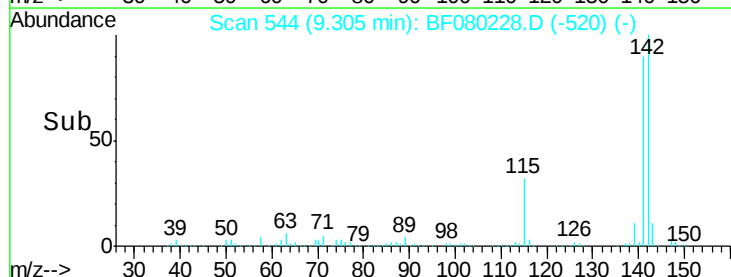
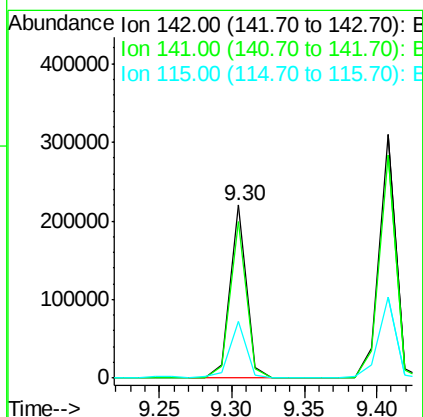
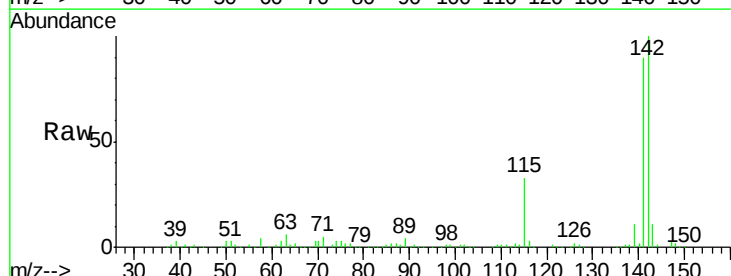
Instrument :
BNA_F
ClientSampleId :
MW-9

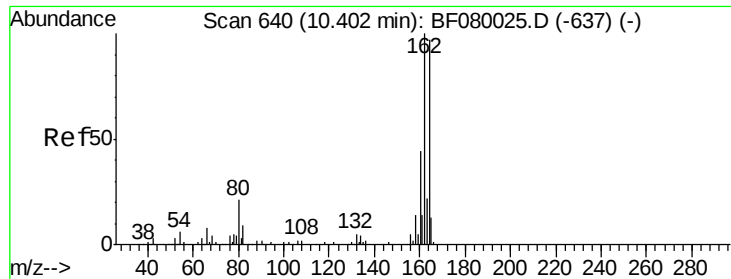
Tgt Ion:127 Resp: 26678
Ion Ratio Lower Upper
127 100
129 88.4 25.8 38.6#
65 0.0 17.9 26.9#
92 1.1 10.5 15.7#



#37
2-Methylnaphthalene
Concen: 41.33 ng
RT: 9.30 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF080228.D
Acq: 30 Jun 2015 3:41

Tgt Ion:142 Resp: 172651
Ion Ratio Lower Upper
142 100
141 90.2 67.5 101.3
115 32.7 18.2 27.2#

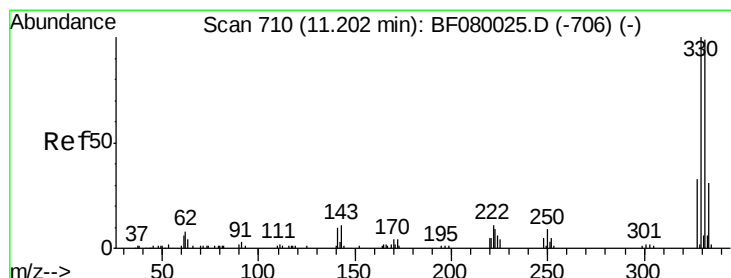
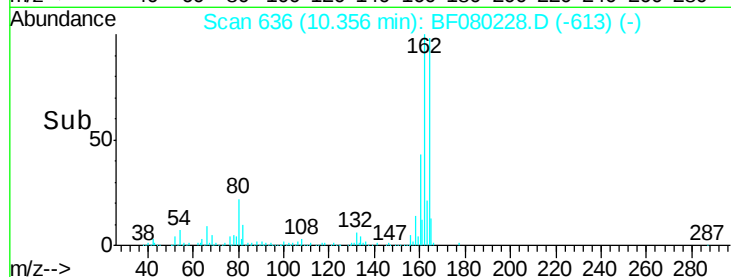
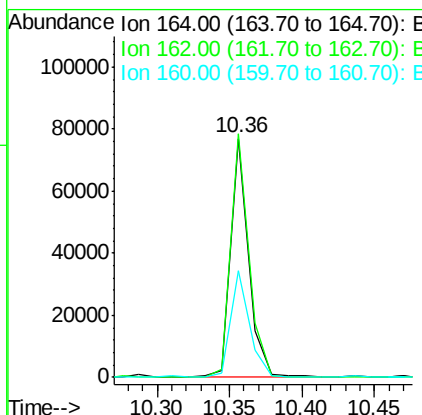
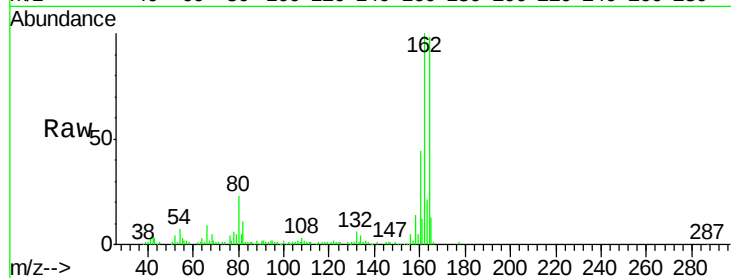




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080228.D
 Acq: 30 Jun 2015 3:41

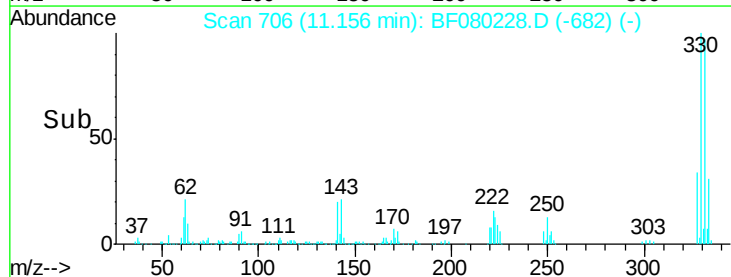
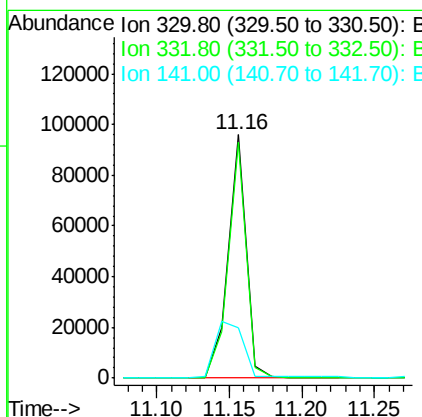
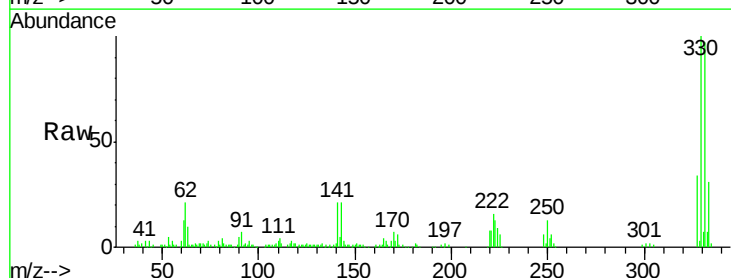
Instrument :
 BNA_F
 ClientSampleId :
 MW-9

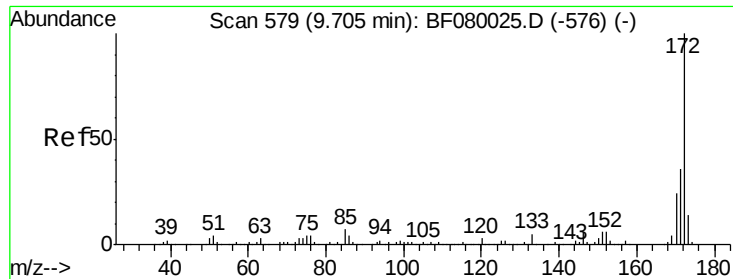
Tgt Ion:164 Resp: 66676
 Ion Ratio Lower Upper
 164 100
 162 102.0 75.2 112.8
 160 44.7 31.5 47.3



#41
 2,4,6-Tribromophenol
 Concen: 127.90 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080228.D
 Acq: 30 Jun 2015 3:41

Tgt Ion:330 Resp: 83391
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 38.0 29.7 44.5

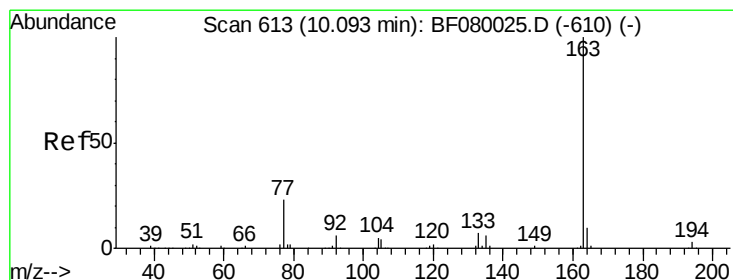
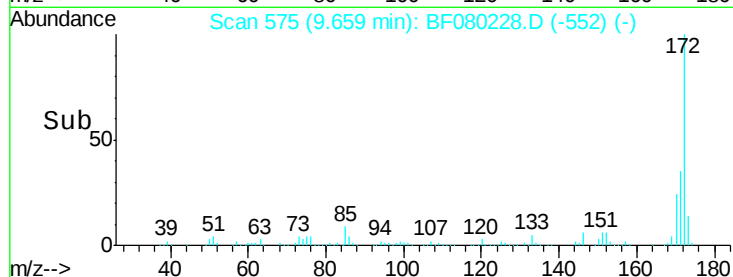
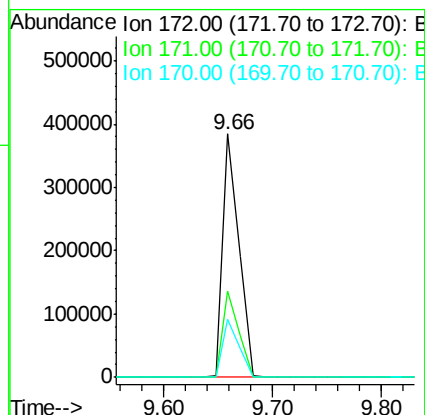
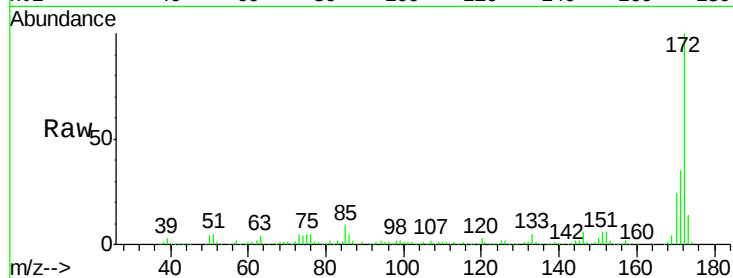




#44
 2-Fluorobiphenyl
 Concen: 85.67 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080228.D
 Acq: 30 Jun 2015 3:41

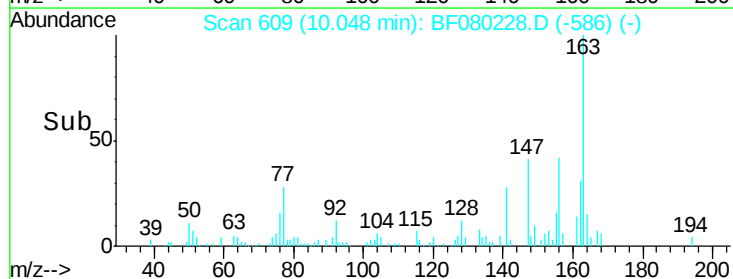
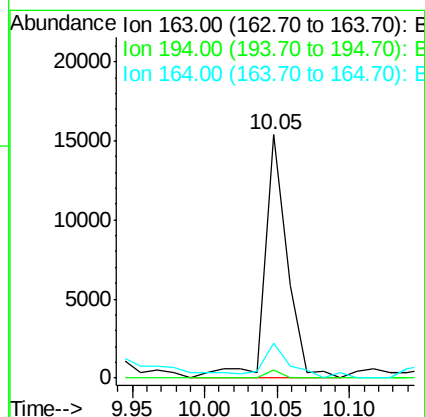
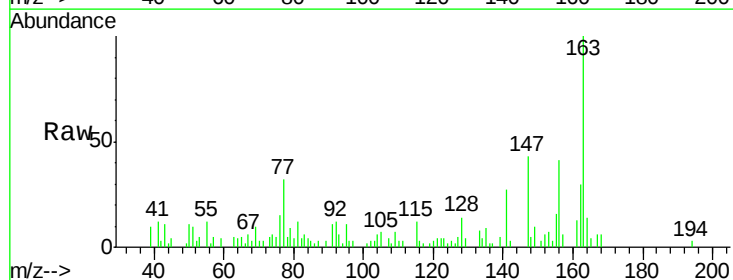
Instrument :
 BNA_F
 ClientSampleId :
 MW-9

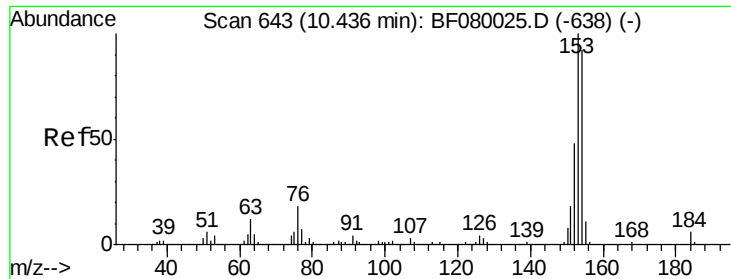
Tgt Ion:172 Resp: 400553
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 24.0 17.4 26.2



#49
 Dimethylphthalate
 Concen: 3.27 ng
 RT: 10.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF080228.D
 Acq: 30 Jun 2015 3:41

Tgt Ion:163 Resp: 16378
 Ion Ratio Lower Upper
 163 100
 194 3.5 4.4 6.6#
 164 14.5 8.3 12.5#





#51

Acenaphthene

Concen: 2.02 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

Instrument :

BNA_F

ClientSampleId :

MW-9

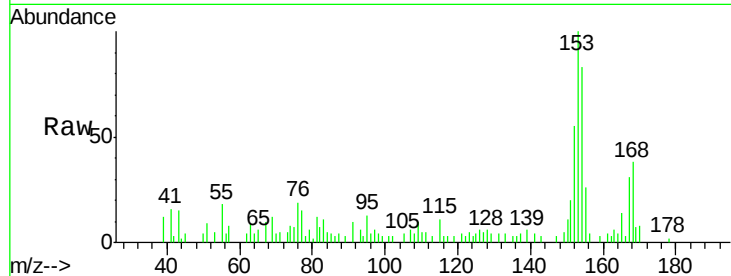
Tgt Ion:154 Resp: 9065

Ion Ratio Lower Upper

154 100

153 120.7 82.1 123.1

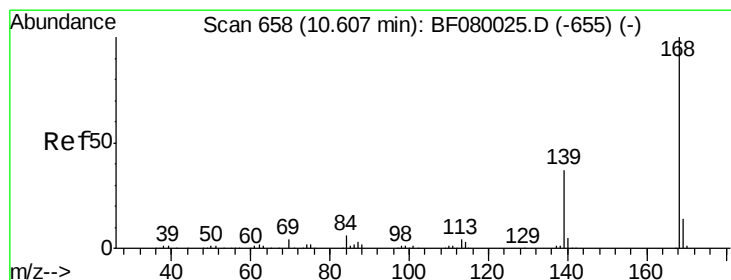
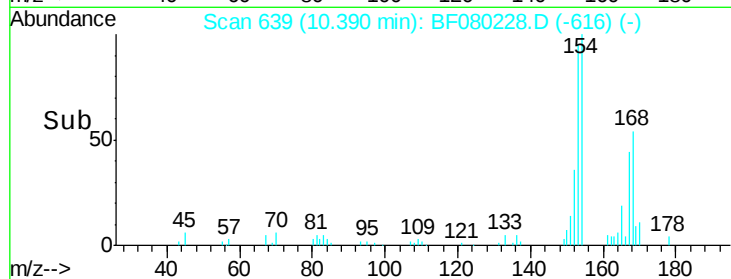
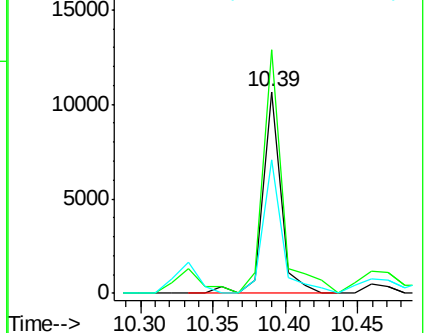
152 66.4 37.9 56.9#



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: 2.07 ng

RT: 10.56 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

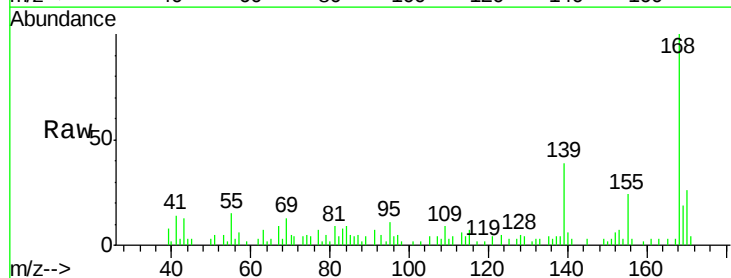
Tgt Ion:168 Resp: 13218

Ion Ratio Lower Upper

168 100

139 38.5 24.2 36.2#

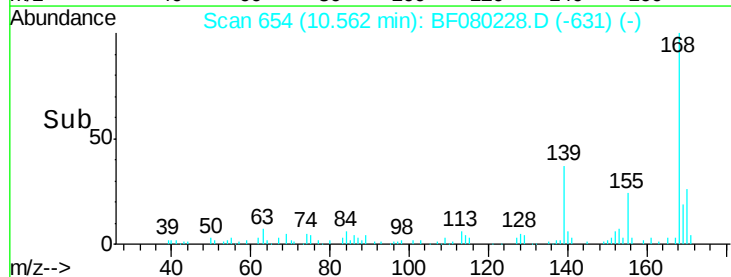
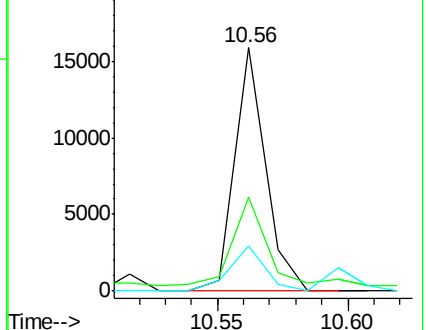
169 18.6 10.6 15.8#

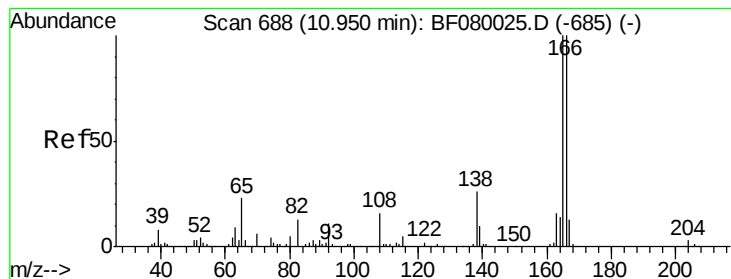


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 2.66 ng

RT: 10.92 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

Instrument :

BNA_F

ClientSampleId :

MW-9

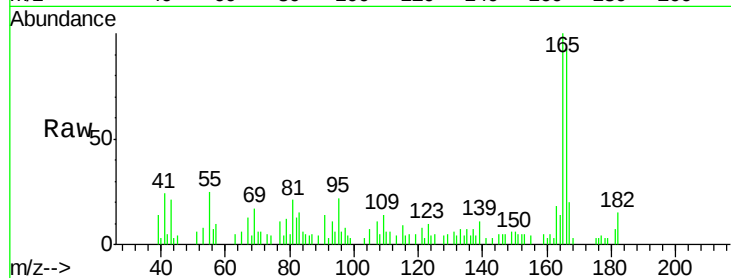
Tgt Ion:166 Resp: 13449

Ion Ratio Lower Upper

166 100

165 107.5 72.6 109.0

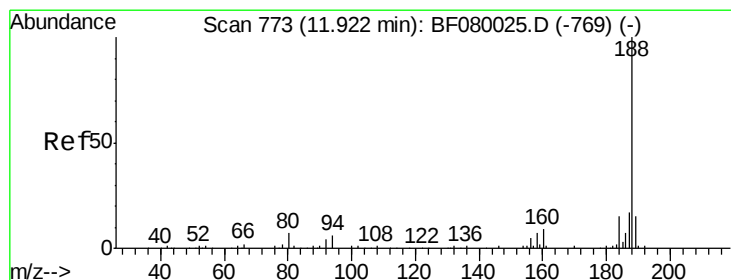
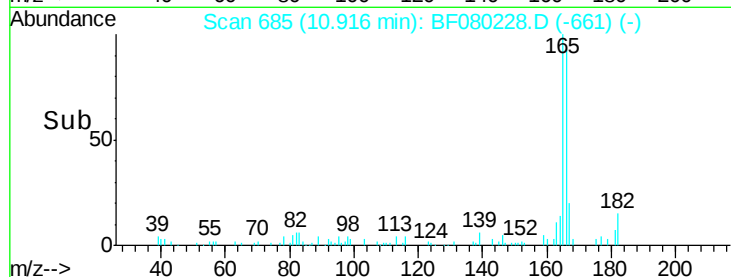
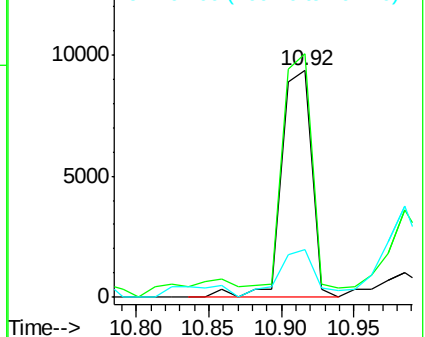
167 21.1 10.6 16.0#



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: 11.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

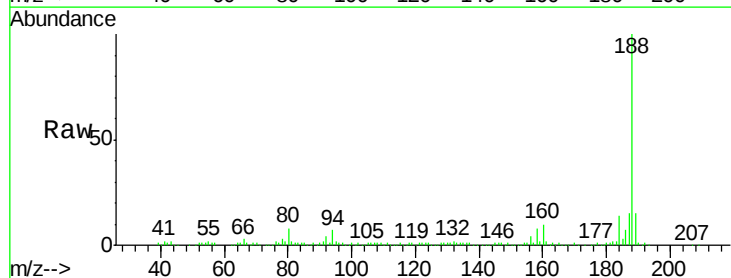
Tgt Ion:188 Resp: 123100

Ion Ratio Lower Upper

188 100

94 7.3 11.1 16.7#

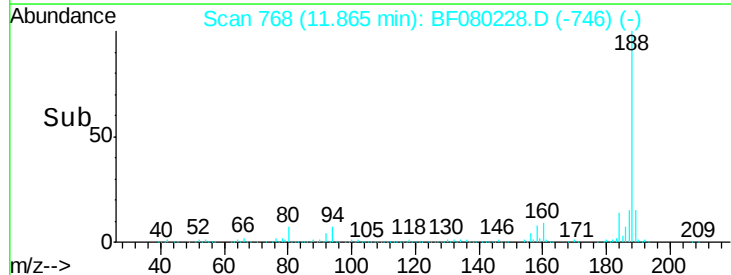
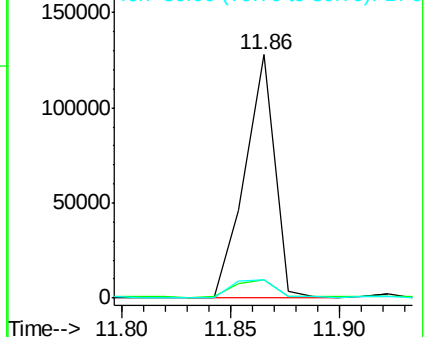
80 7.6 11.0 16.4#

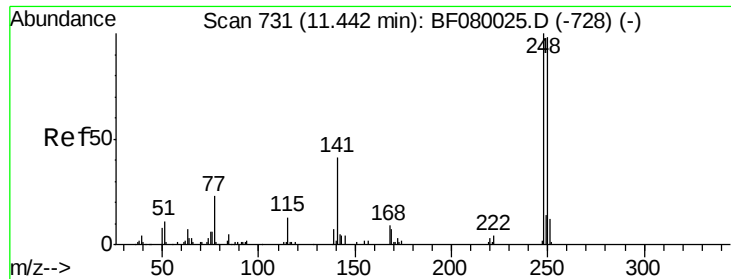


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

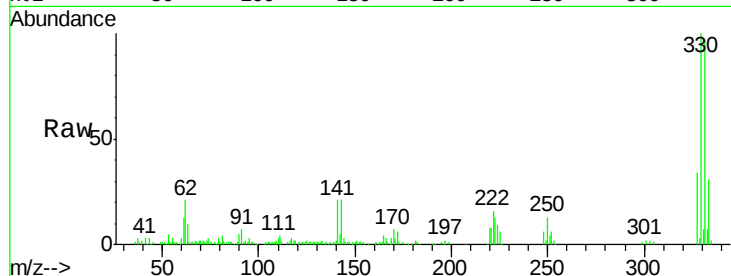




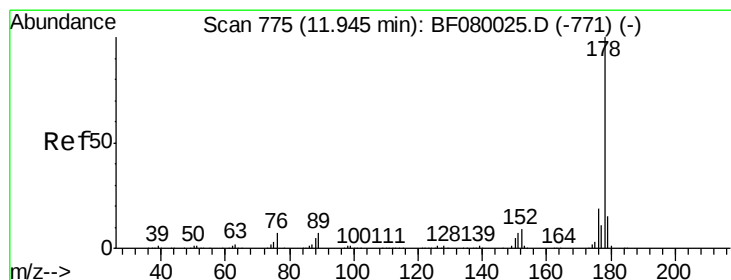
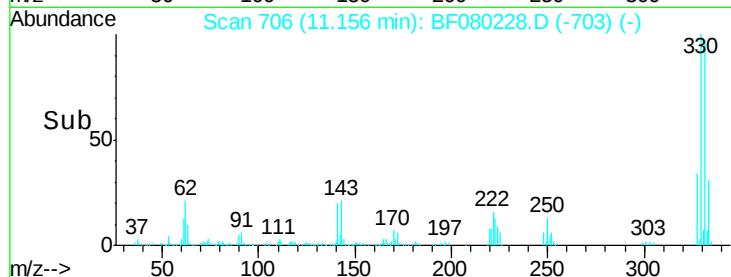
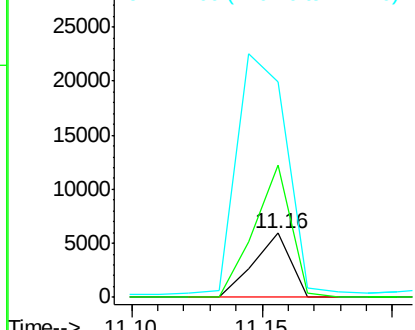
#66
 4-Bromophenyl-phenylether
 Concen: 4.46 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.26 min
 Lab File: BF080228.D
 Acq: 30 Jun 2015 3:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tgt Ion: 248 Resp: 5832
 Ion Ratio Lower Upper
 248 100
 250 206.1 78.5 117.7#
 141 337.0 59.0 88.6#

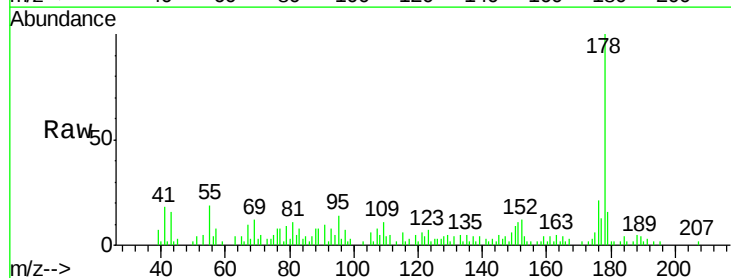


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

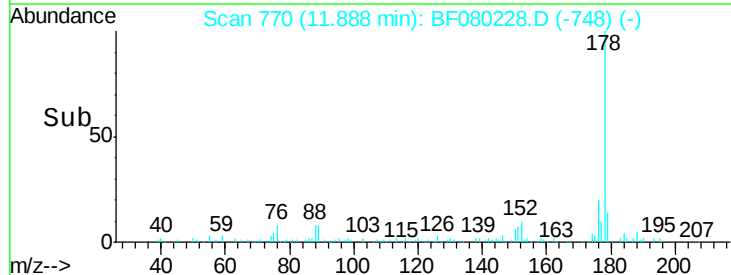
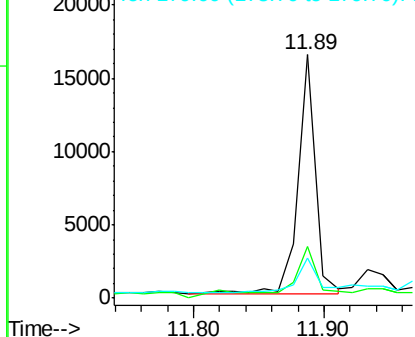


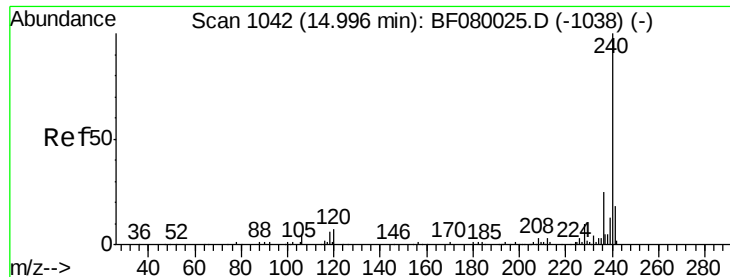
#70
 Phenanthrene
 Concen: 2.03 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF080228.D
 Acq: 30 Jun 2015 3:41

Tgt Ion: 178 Resp: 15145
 Ion Ratio Lower Upper
 178 100
 176 21.3 13.8 20.8#
 179 16.3 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.81 min Scan# 1026

Delta R.T. -0.18 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

Instrument :

BNA_F

ClientSampleId :

MW-9

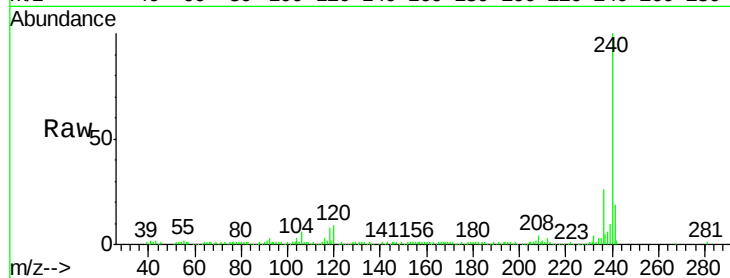
Tgt Ion:240 Resp: 134858

Ion Ratio Lower Upper

240 100

120 9.3 16.2 24.2#

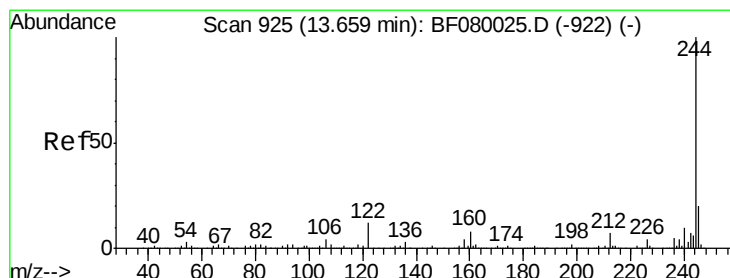
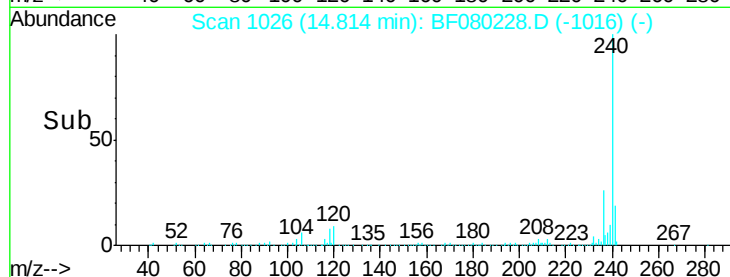
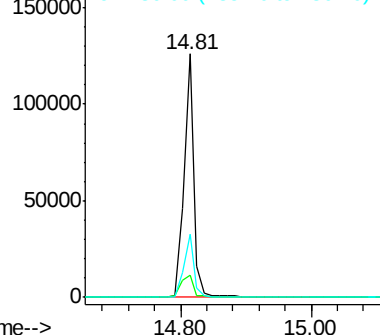
236 25.8 18.4 27.6



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



#78

Terphenyl-d14

Concen: 83.88 ng

RT: 13.55 min Scan# 915

Delta R.T. -0.13 min

Lab File: BF080228.D

Acq: 30 Jun 2015 3:41

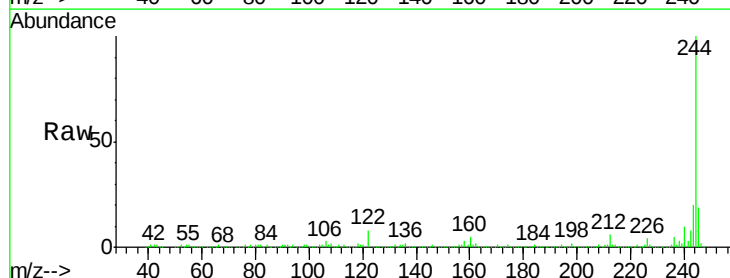
Tgt Ion:244 Resp: 484373

Ion Ratio Lower Upper

244 100

212 6.4 4.3 6.5

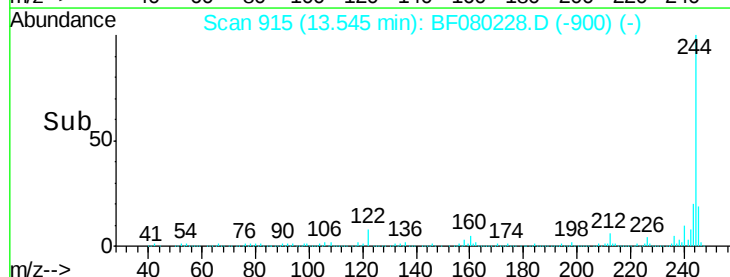
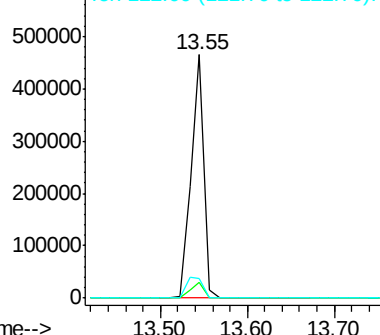
122 8.0 17.4 26.2#

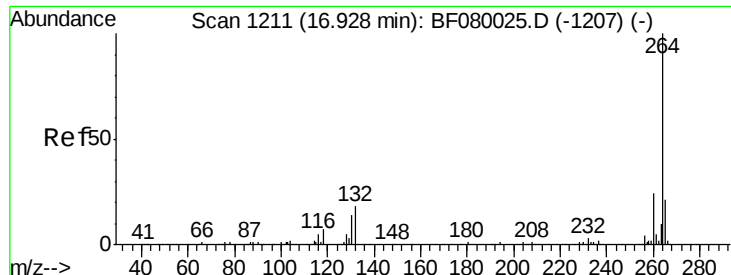


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.69 min Scan# 1190
Delta R.T. -0.24 min
Lab File: BF080228.D
Acq: 30 Jun 2015 3:41

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 264 Resp: 133370
Ion Ratio Lower Upper
264 100
260 23.1 16.7 25.1
265 20.8 17.2 25.8

