

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087008.D
 Acq On : 14 May 2016 9:27
 Operator : UM/SJ
 Sample : H2990-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C4-GW

Quant Time: May 16 01:33:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 01:11:12 2016
 Response via : Initial Calibration

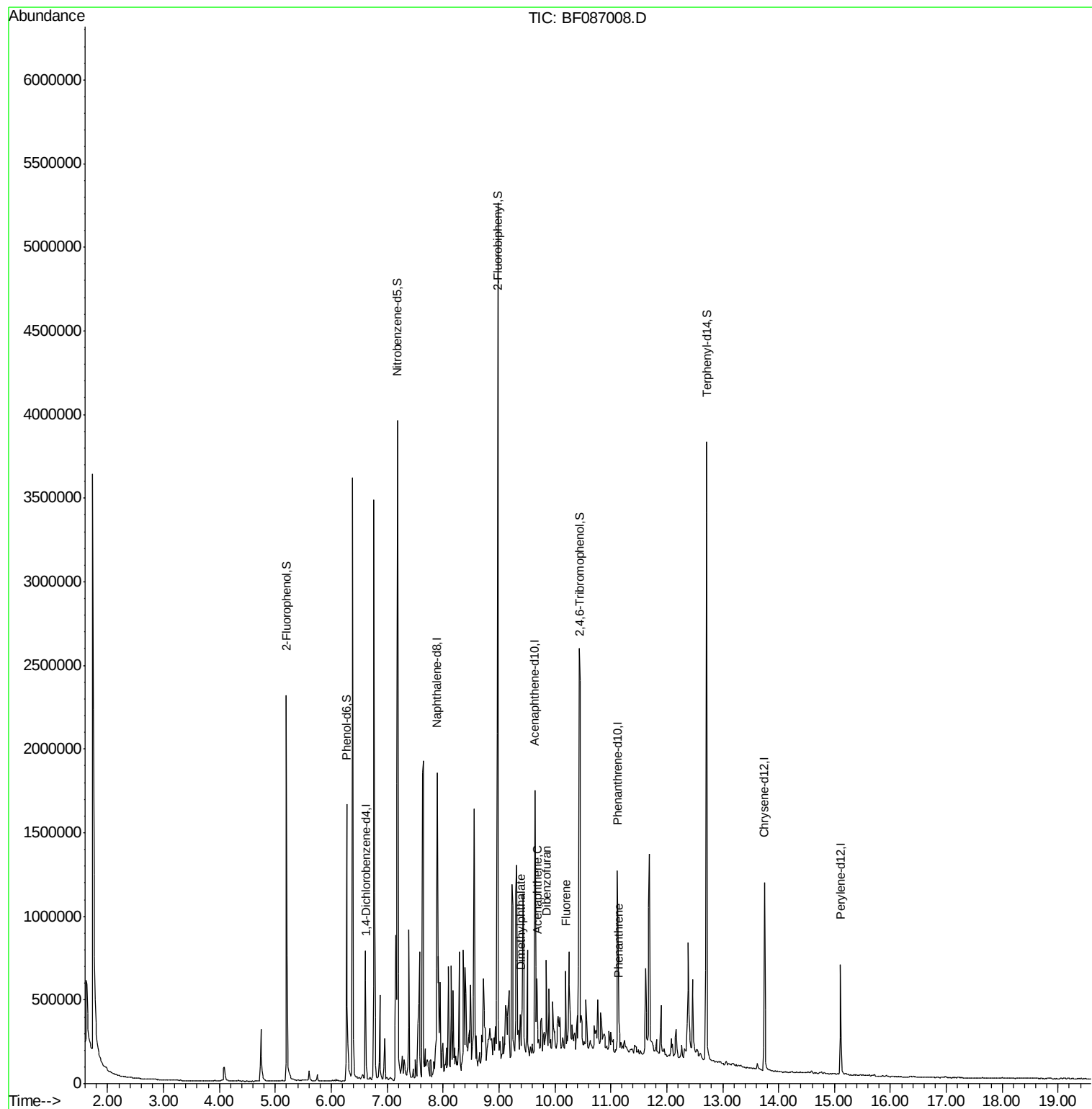
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	147359	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	566576	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	284499	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	499740	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	392508	20.00	ng	-0.01
86) Perylene-d12	15.11	264	275960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	611002	70.22	ng	0.00
7) Phenol-d6	6.27	99	553933	47.63	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1026341	90.96	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	455320	151.17	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1624535	95.97	ng	0.00
78) Terphenyl-d14	12.72	244	1679563	90.79	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.38	163	65179	3.00	ng	99
51) Acenaphthene	9.68	154	89934	5.54	ng	98
54) Dibenzofuran	9.85	168	70938	3.41	ng	# 79
57) Fluorene	10.19	166	122249	6.88	ng	98
70) Phenanthrene	11.14	178	70120	2.63	ng	98

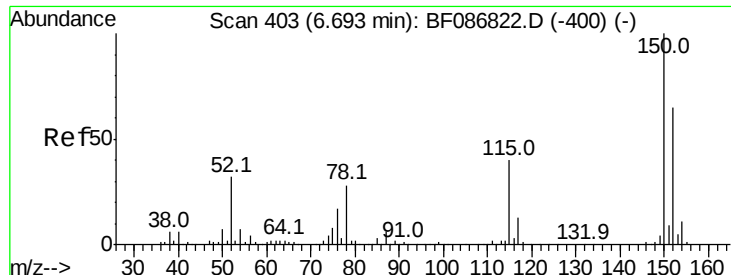
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 16 01:33:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 01:11:12 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087008.D

Acq: 14 May 2016 9:27

Instrument :

BNA_F

ClientSampleId :

OWL-C4-GW

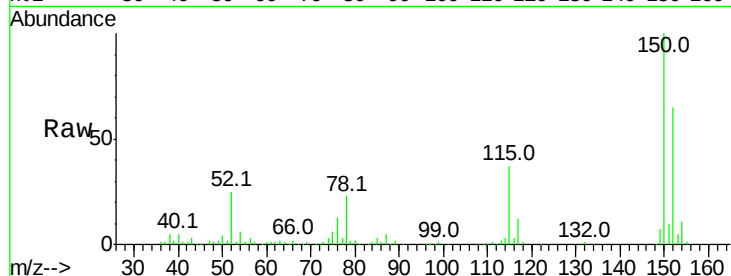
Tot Ion:152 Resp: 147359

Ion Ratio Lower Upper

152 100

150 153.5 125.8 188.6

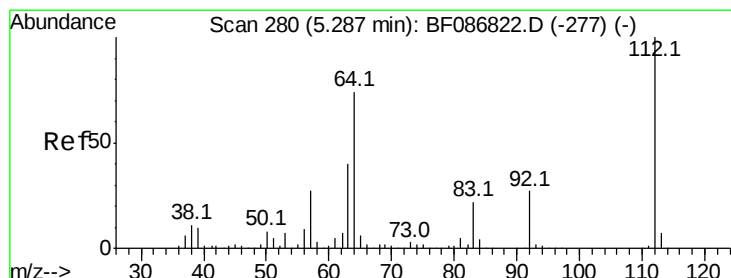
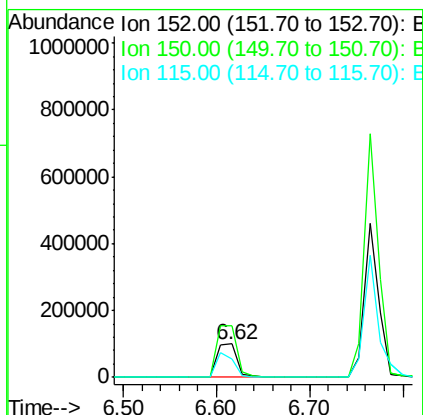
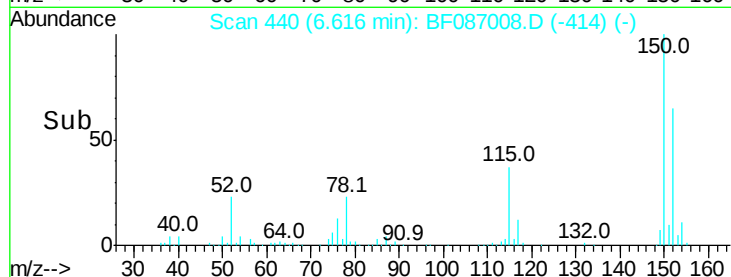
115 56.4 51.5 77.3



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: 70.22 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087008.D

Acq: 14 May 2016 9:27

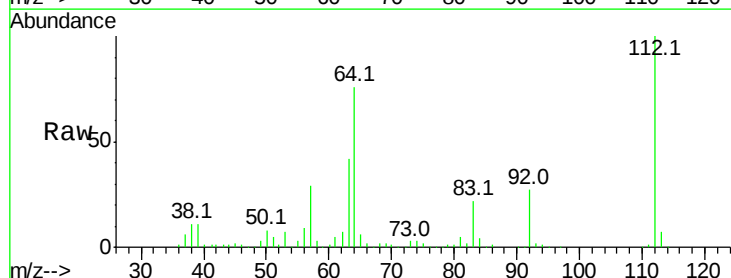
Tgt Ion:112 Resp: 611002

Ion Ratio Lower Upper

112 100

64 75.7 52.1 78.1

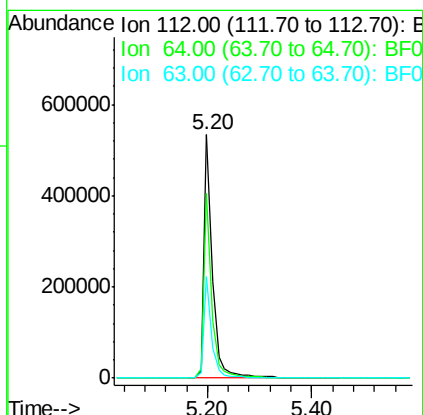
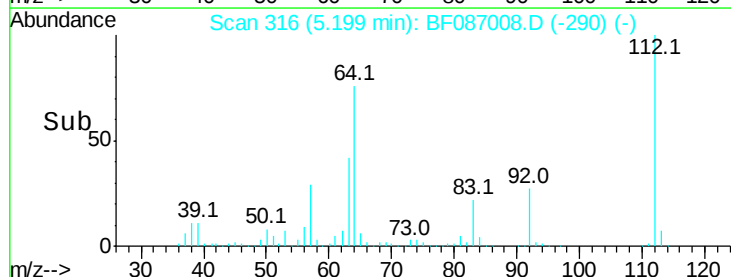
63 41.9 25.7 38.5#

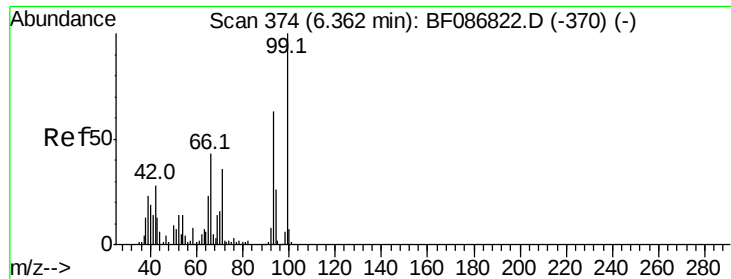


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.63 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF087008.D

Acq: 14 May 2016 9:27

Instrument :

BNA_F

ClientSampleId :

OWL-C4-GW

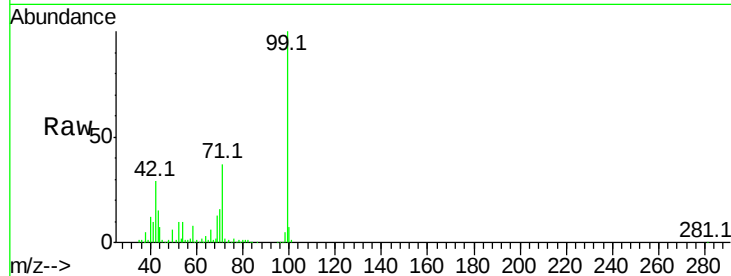
Tot Ion: 99 Resp: 553933

Ion Ratio Lower Upper

99 100

42 29.3 13.6 20.4#

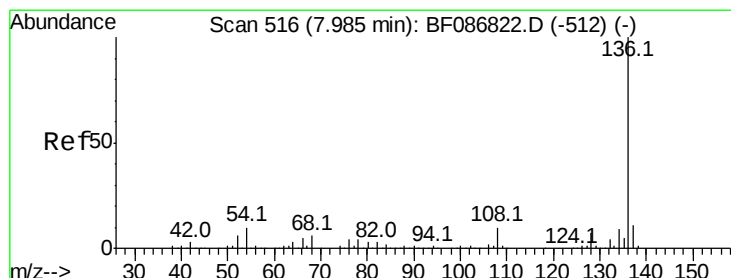
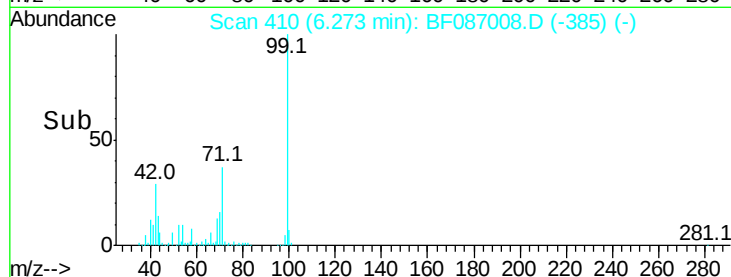
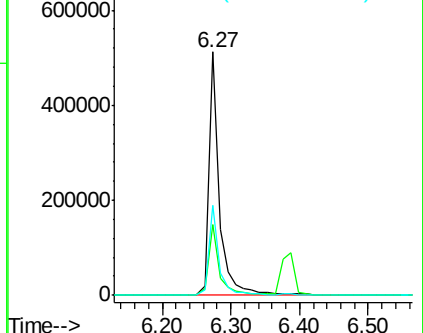
71 36.9 24.6 36.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087008.D

Acq: 14 May 2016 9:27

Tgt Ion: 136 Resp: 566576

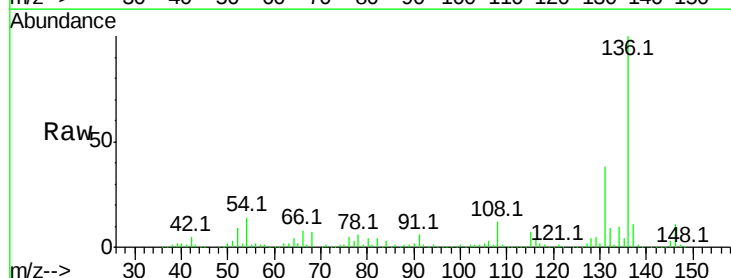
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 14.1 5.0 7.4#

68 7.3 4.4 6.6#

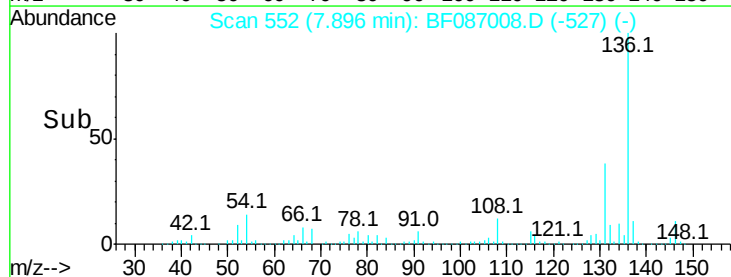
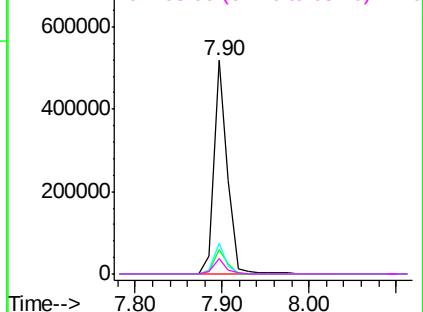


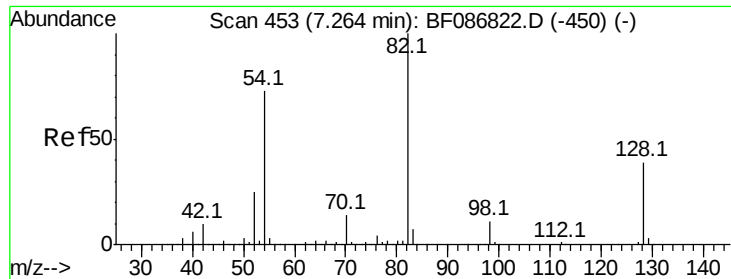
Abundance Ion 136.00 (135.70 to 136.70): E

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

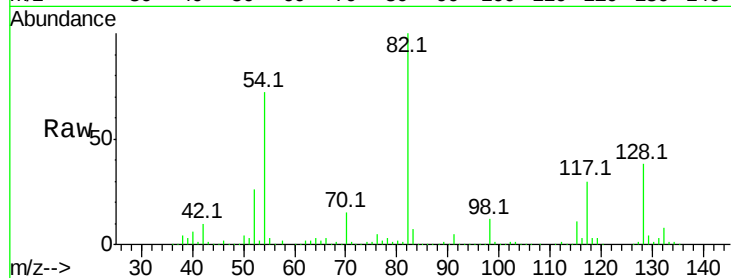




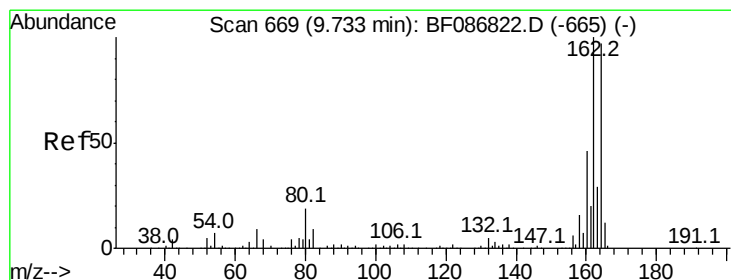
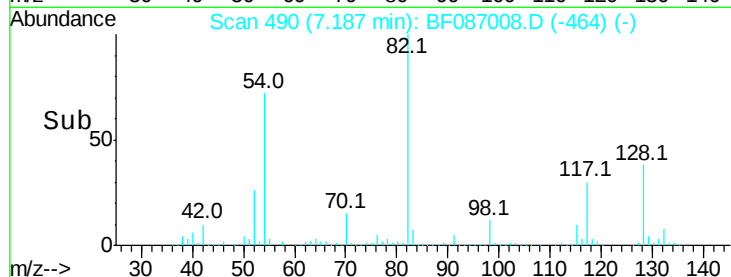
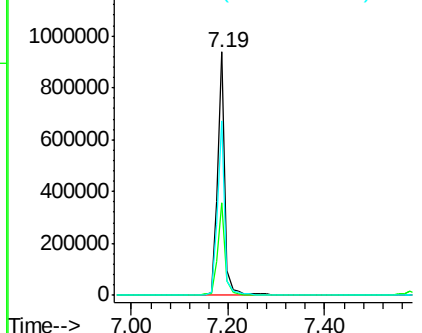
#23
 Nitrobenzene-d5
 Concen: 90.96 ng
 RT: 7.19 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF087008.D
 Acq: 14 May 2016 9:27

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C4-GW

Tot Ion: 82 Resp: 1026341
 Ion Ratio Lower Upper
 82 100
 128 38.3 40.6 61.0#
 54 71.7 38.1 57.1#

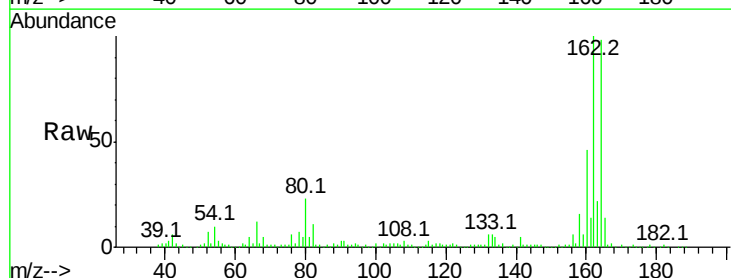


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

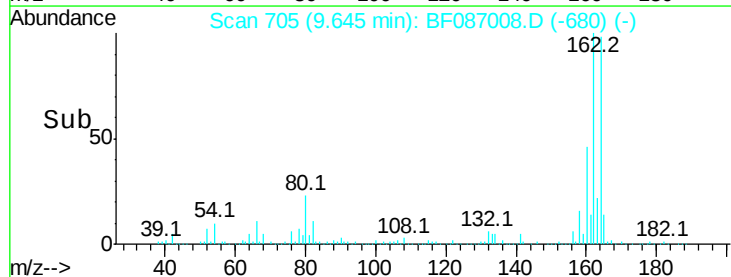
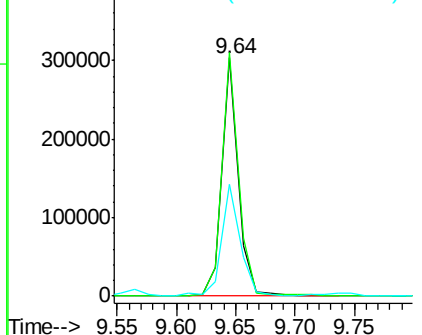


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087008.D
 Acq: 14 May 2016 9:27

Tgt Ion: 164 Resp: 284499
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.8 124.2
 160 47.0 36.9 55.3



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

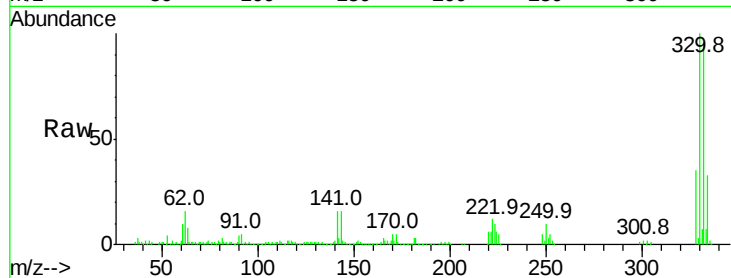




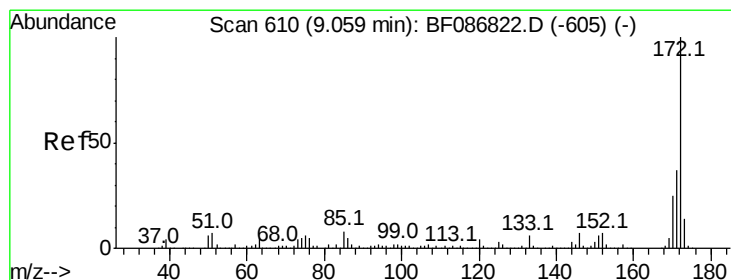
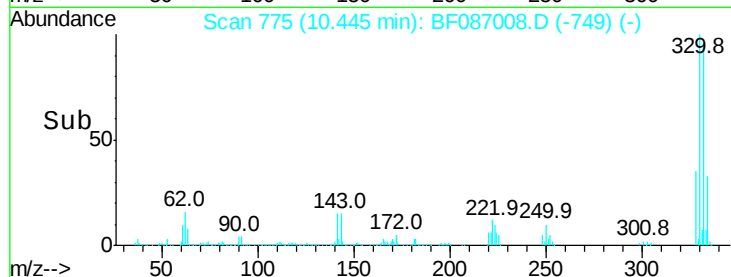
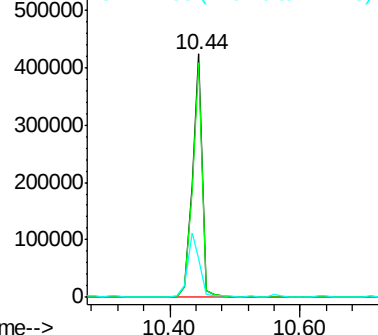
#41
 2,4,6-Tribromophenol
 Concen: 151.17 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087008.D
 Acq: 14 May 2016 9:27

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C4-GW

Tot Ion:330 Resp: 455320
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.0 118.4
 141 31.6 31.2 46.8

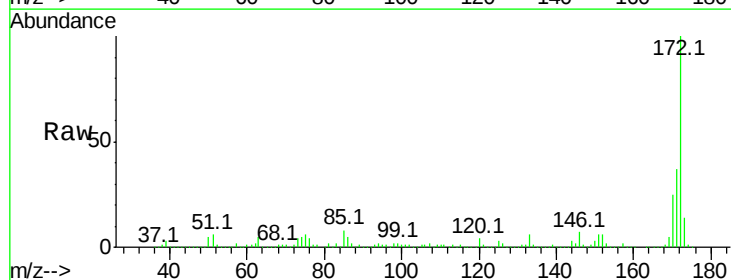


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

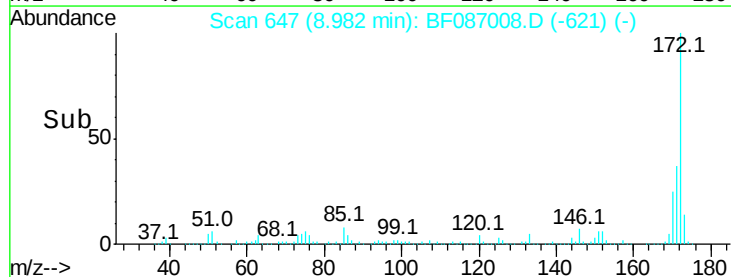
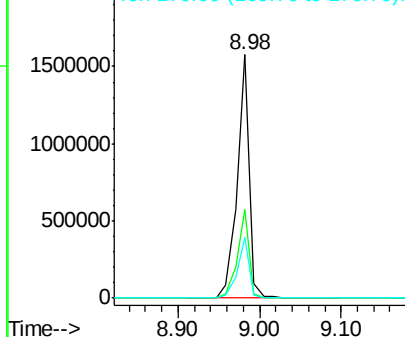


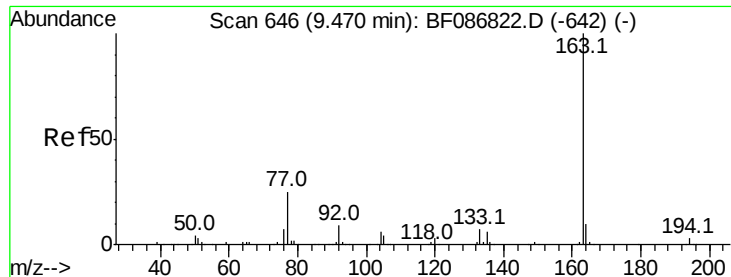
#44
 2-Fluorobiphenyl
 Concen: 95.97 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087008.D
 Acq: 14 May 2016 9:27

Tgt Ion:172 Resp: 1624535
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.8 19.8 29.8



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

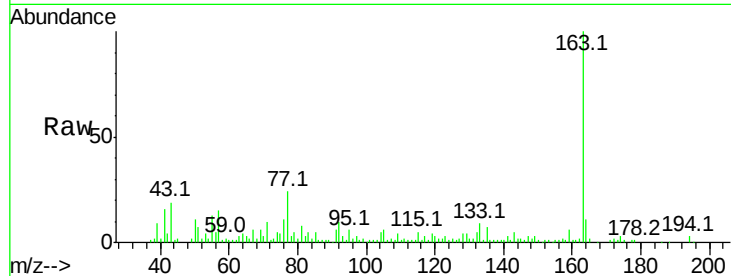




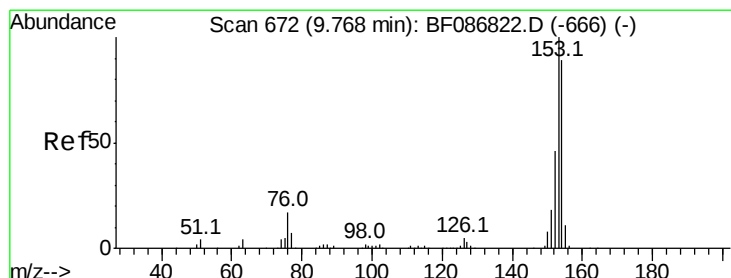
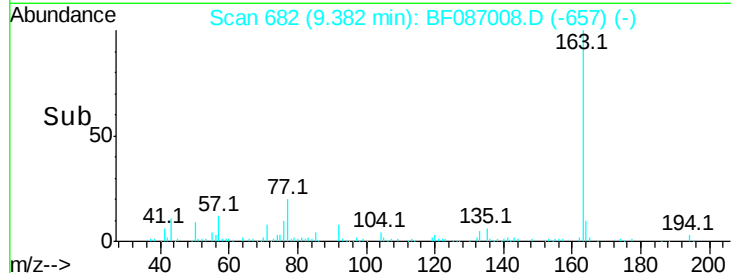
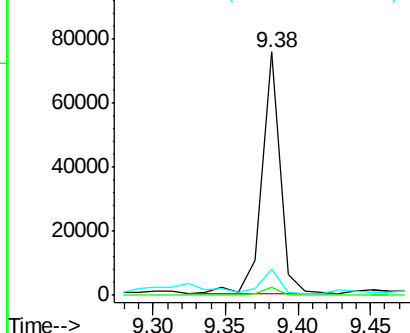
#49
Dimethylphthalate
Concen: 3.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF087008.D
Acq: 14 May 2016 9:27

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tot Ion:163 Resp: 65179
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.6 8.2 12.4

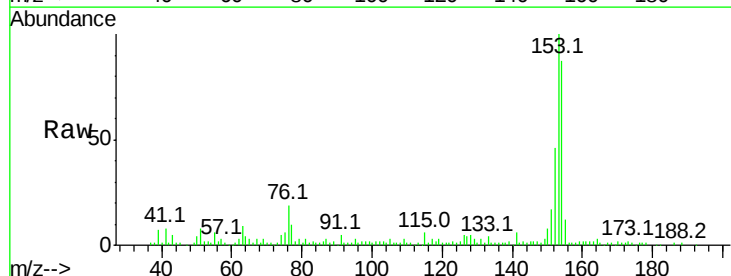


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

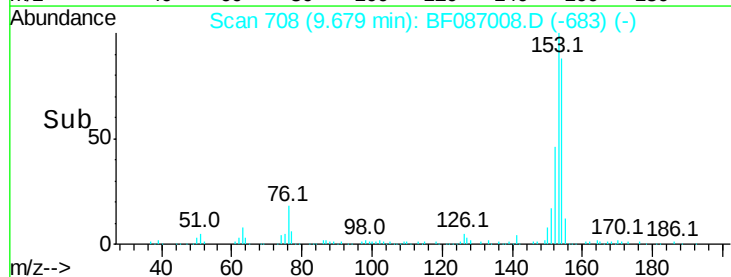
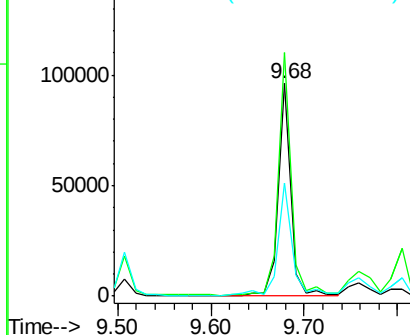


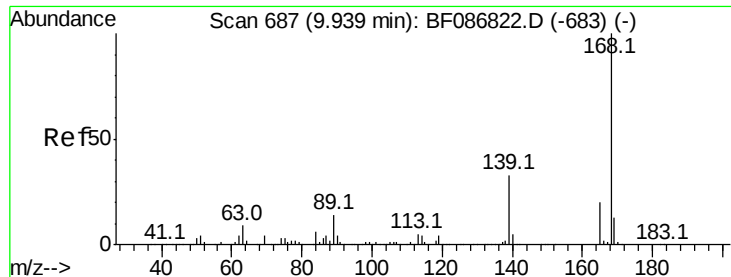
#51
Acenaphthene
Concen: 5.54 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF087008.D
Acq: 14 May 2016 9:27

Tgt Ion:154 Resp: 89934
Ion Ratio Lower Upper
154 100
153 114.4 89.8 134.6
152 53.0 43.4 65.0



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: 3.41 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF087008.D

Acq: 14 May 2016 9:27

Instrument :

BNA_F

ClientSampleId :

OWL-C4-GW

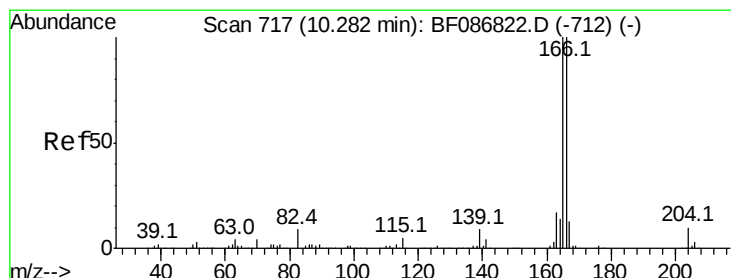
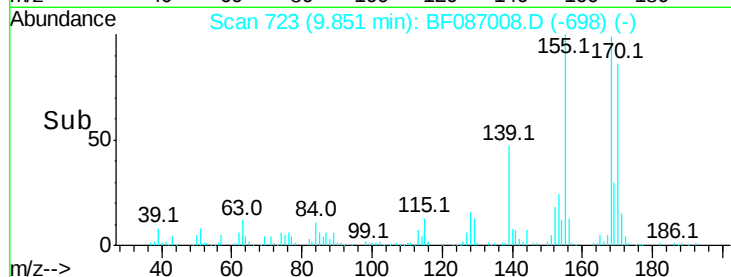
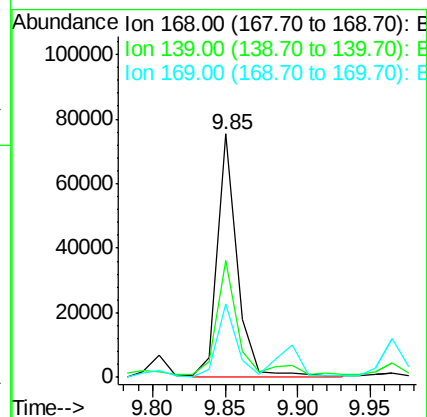
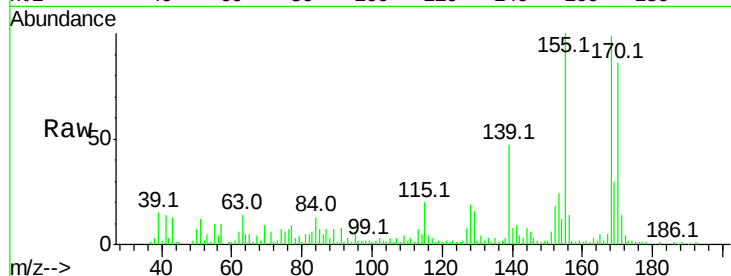
Tot Ion:168 Resp: 70938

Ion Ratio Lower Upper

168 100

139 48.1 31.4 47.0#

169 30.1 10.7 16.1#



#57

Fluorene

Concen: 6.88 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF087008.D

Acq: 14 May 2016 9:27

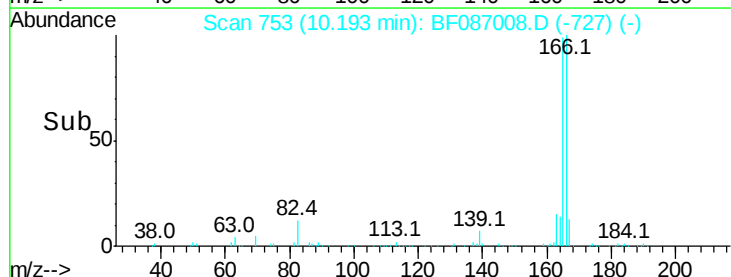
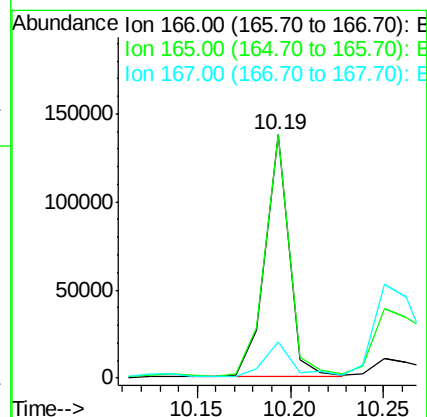
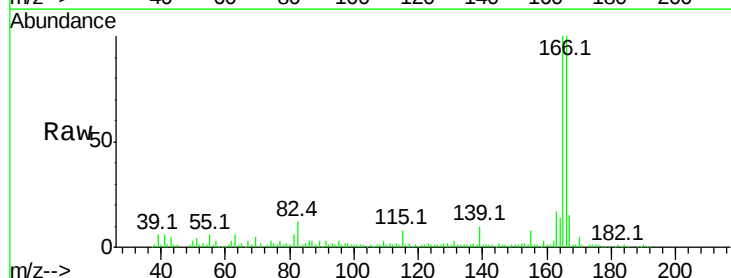
Tgt Ion:166 Resp: 122249

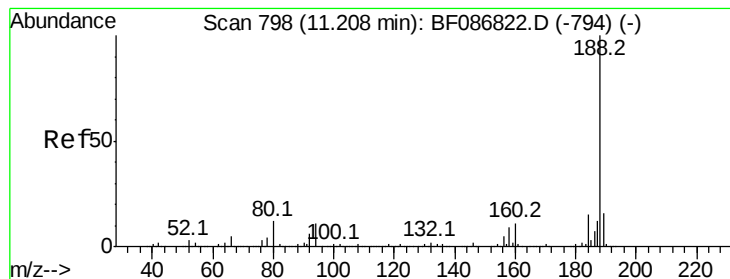
Ion Ratio Lower Upper

166 100

165 100.1 79.0 118.6

167 14.7 10.6 15.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF087008.D

Acq: 14 May 2016 9:27

Instrument :

BNA_F

ClientSampleId :

OWL-C4-GW

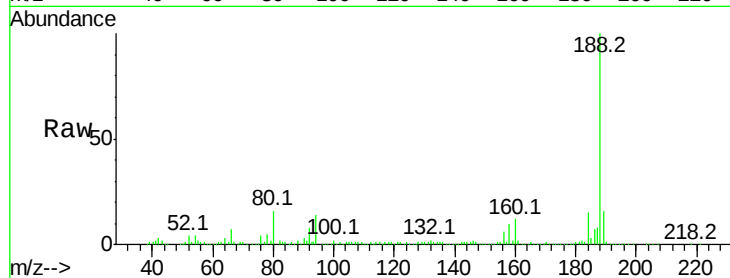
Tot Ion:188 Resp: 499740

Ion Ratio Lower Upper

188 100

94 13.8 6.8 10.2#

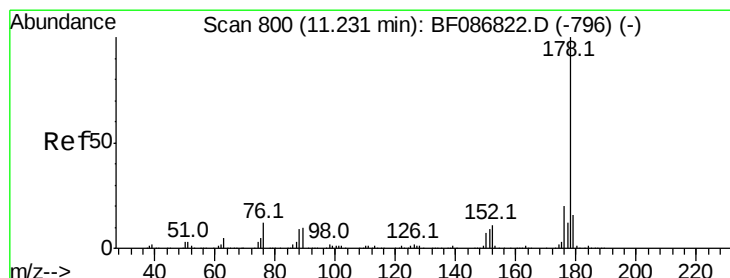
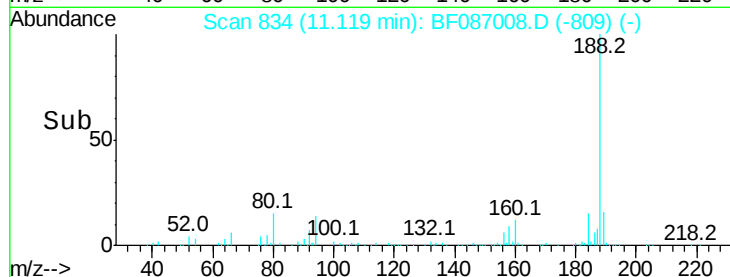
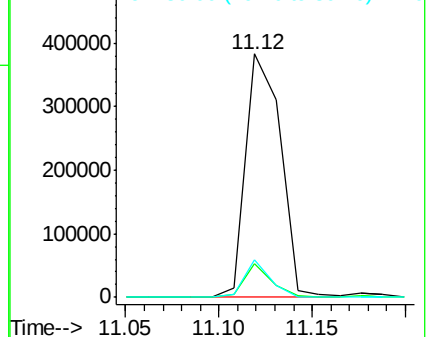
80 15.6 7.1 10.7#



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



#70

Phenanthrene

Concen: 2.63 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF087008.D

Acq: 14 May 2016 9:27

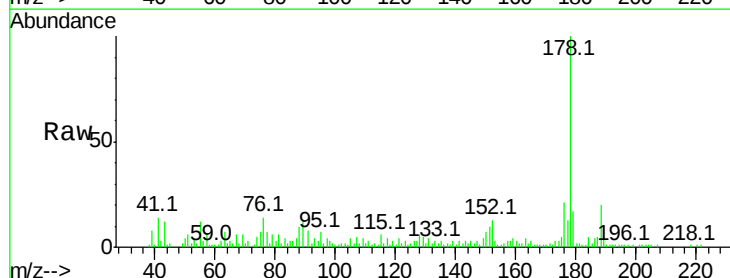
Tgt Ion:178 Resp: 70120

Ion Ratio Lower Upper

178 100

176 20.7 16.0 24.0

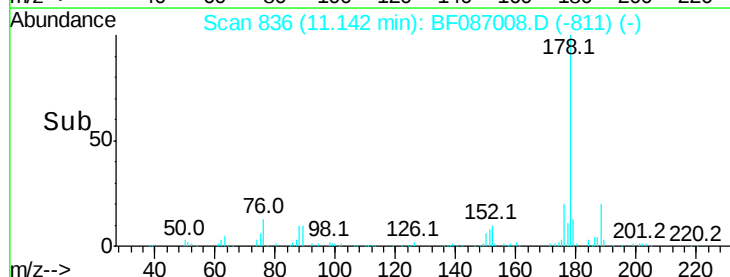
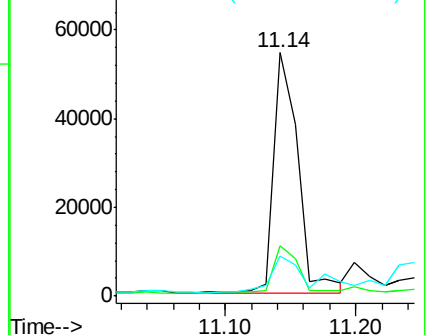
179 16.6 12.6 18.8

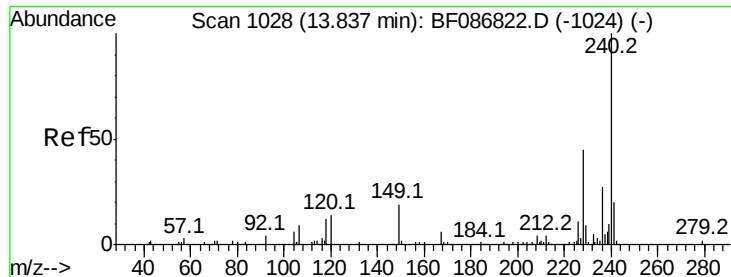


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087008.D

Acq: 14 May 2016 9:27

Instrument :

BNA_F

ClientSampleId :

OWL-C4-GW

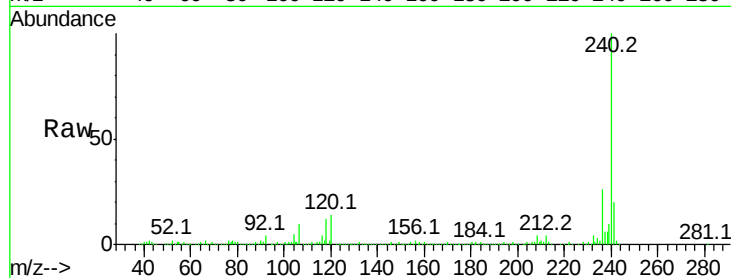
Tot Ion:240 Resp: 392508

Ion Ratio Lower Upper

240 100

120 13.7 11.2 16.8

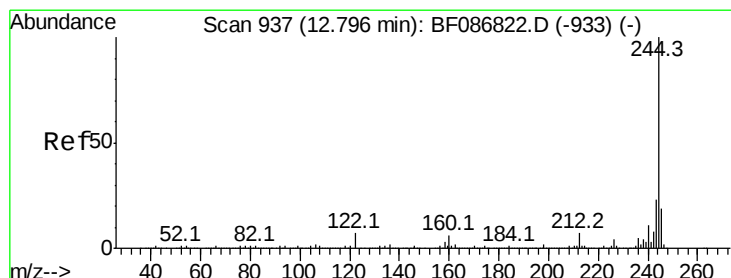
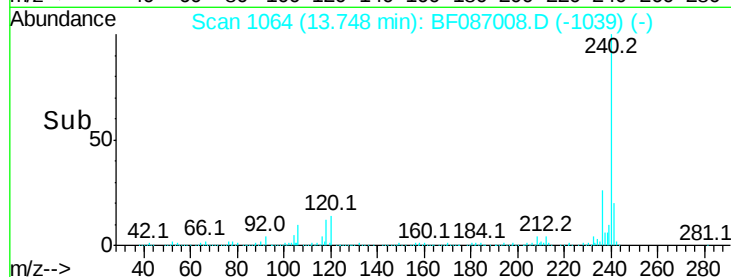
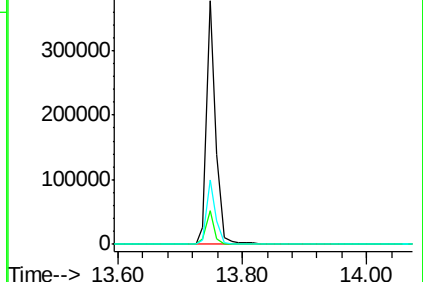
236 26.3 21.2 31.8



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: 90.79 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF087008.D

Acq: 14 May 2016 9:27

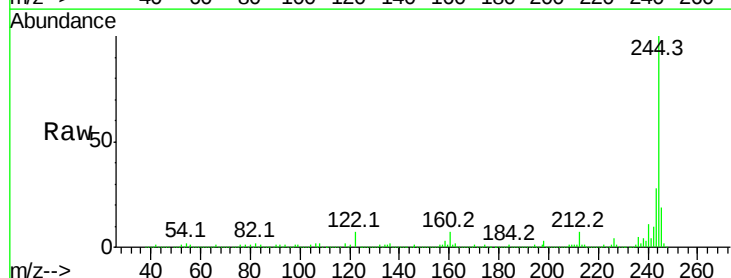
Tgt Ion:244 Resp: 1679563

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

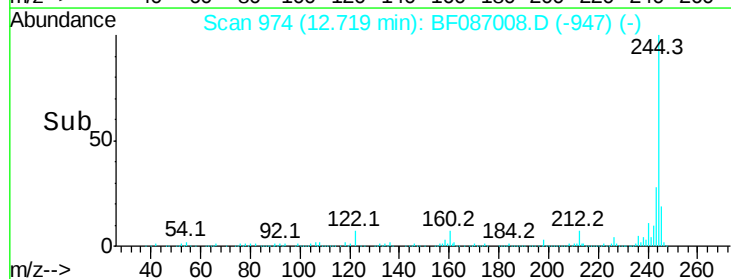
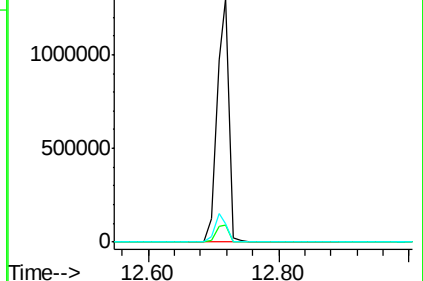
122 7.5 12.0 18.0#

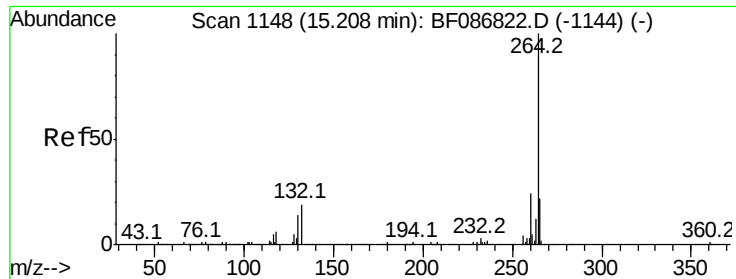


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF087008.D
Acq: 14 May 2016 9:27

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.5	17.3	25.9

