

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
 Data File : BG017448.D
 Acq On : 4 Jun 2015 18:58
 Operator : TP/IZ
 Sample : G2491-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW010-150601

Quant Time: Jun 05 03:59:21 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 03:51:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	17116	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	69568	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	45318	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	109287	20.00	ng	0.00
75) Chrysene-d12	21.23	240	135636	20.00	ng	0.00
86) Perylene-d12	23.46	264	133832	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	50159	51.63	ng	0.00
7) Phenol-d6	6.83	99	40774	30.81	ng	0.00
23) Nitrobenzene-d5	8.79	82	120956	86.79	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	89479	142.16	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	279205	92.94	ng	0.00
78) Terphenyl-d14	19.68	244	541310	82.48	ng	0.00

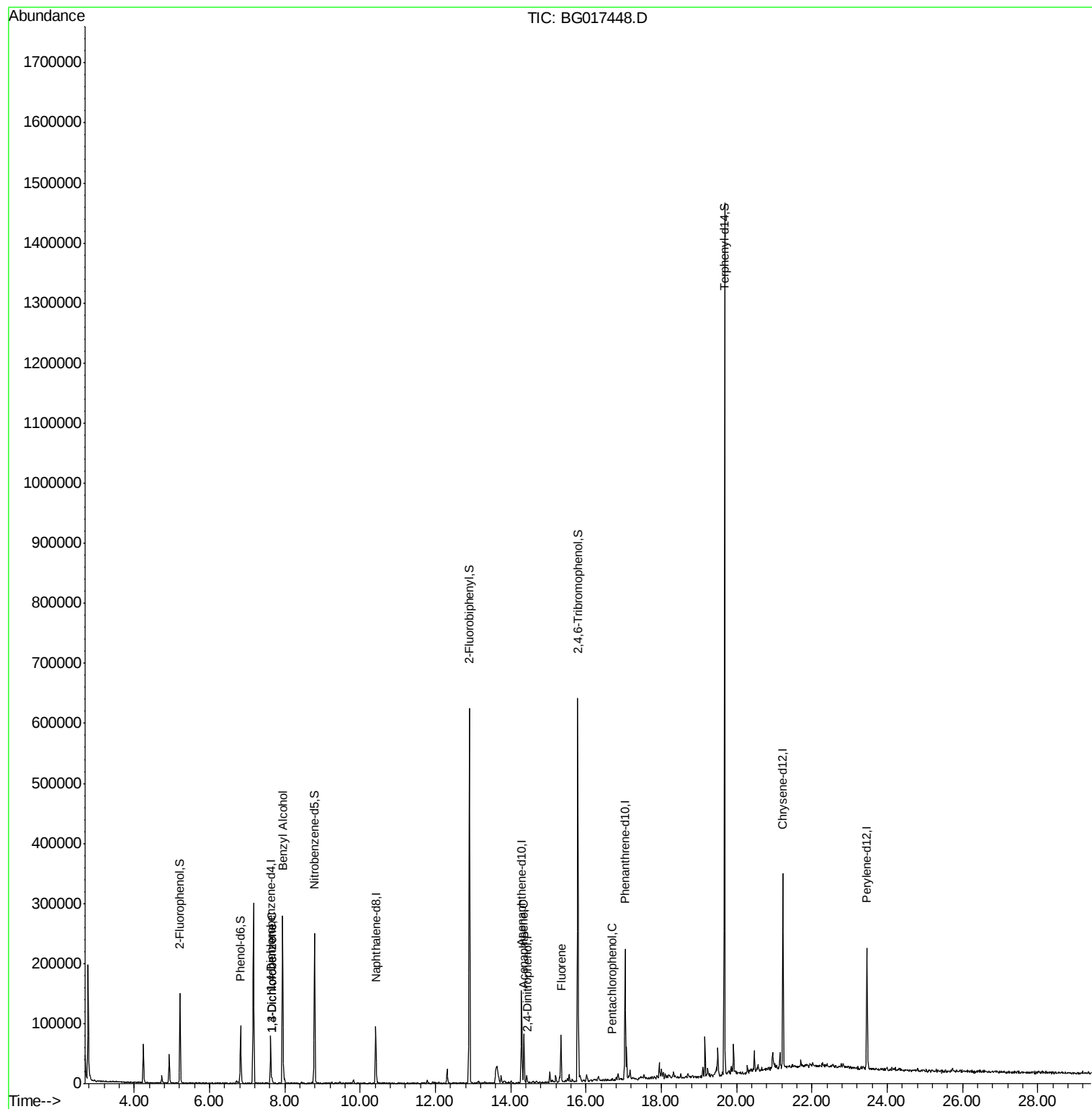
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,3-Dichlorobenzene	7.66	146	3470	2.70	ng	93
13) 1,4-Dichlorobenzene	7.66	146	3470	2.58	ng	# 85
15) Benzyl Alcohol	7.94	79	2573	2.09	ng	# 60
51) Acenaphthene	14.35	154	26951	9.37	ng	94
53) 2,4-Dinitrophenol	14.43	184	67	7.13	ng	# 63
57) Fluorene	15.34	166	28575	7.43	ng	93
69) Pentachlorophenol	16.70	266	299	5.85	ng	# 22

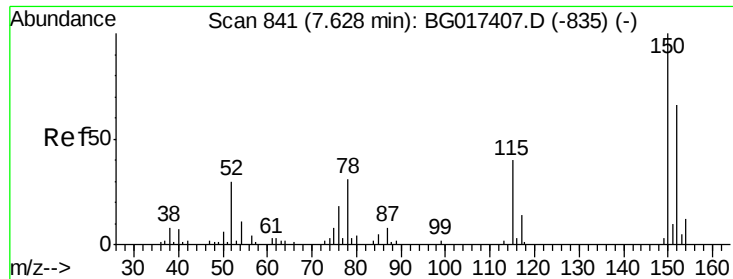
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS043MW010-150601

Quant Time: Jun 05 03:59:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 03:51:43 2015
Response via : Initial Calibration



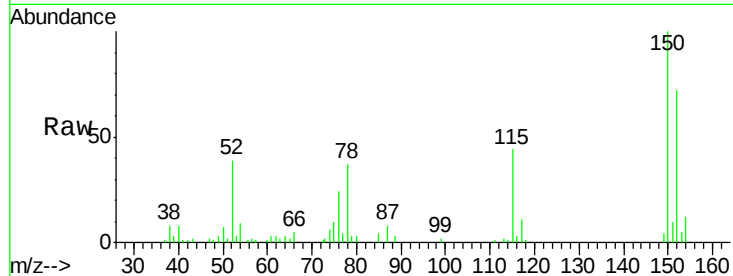


#1

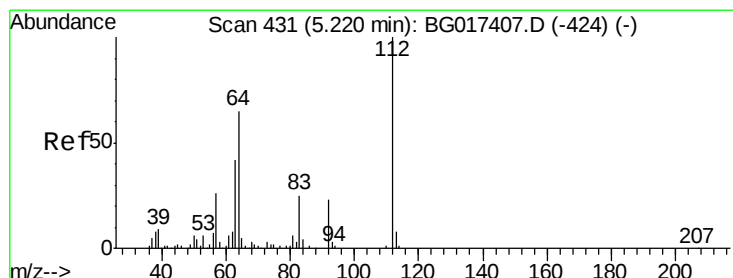
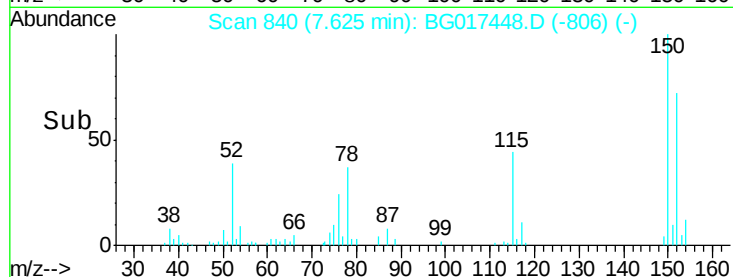
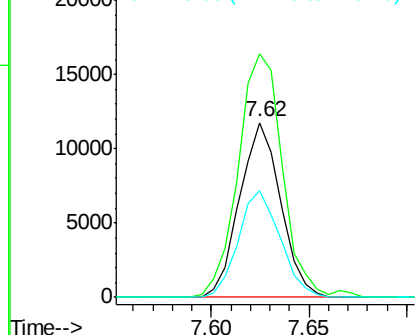
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.62 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG017448.D
Acq: 4 Jun 2015 18:58

Instrument :
BNA_G
ClientSampleId :
SS043MW010-150601

Tgt Ion:152 Resp: 17116
Ion Ratio Lower Upper
152 100
150 139.1 121.7 182.5
115 61.2 48.6 73.0



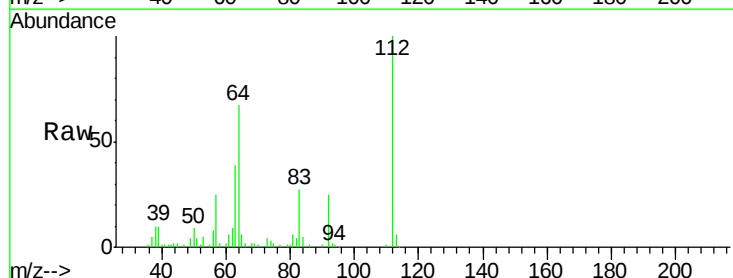
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



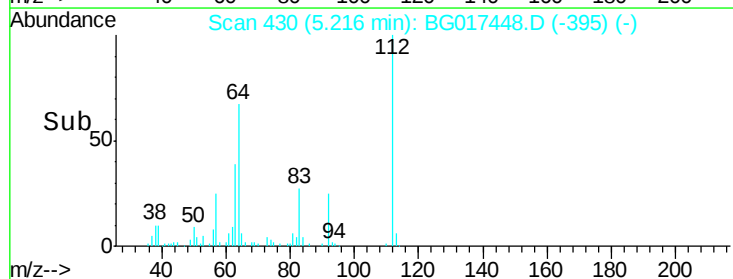
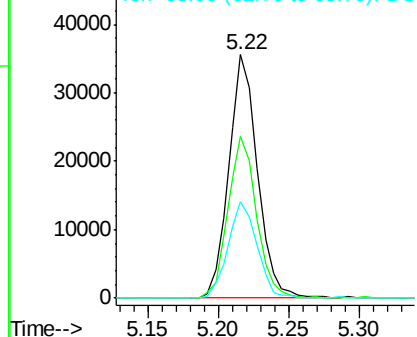
#5

2-Fluorophenol
Concen: 51.63 ng
RT: 5.22 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG017448.D
Acq: 4 Jun 2015 18:58

Tgt Ion:112 Resp: 50159
Ion Ratio Lower Upper
112 100
64 66.6 51.6 77.4
63 39.4 33.3 49.9



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





#7

Phenol-d6

Concen: 30.81 ng

RT: 6.83 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

Instrument :

BNA_G

ClientSampleId :

SS043MW010-150601

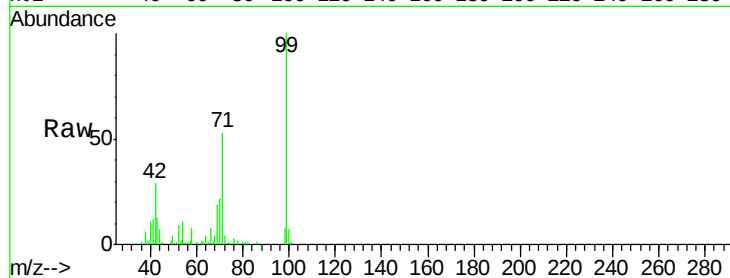
Tgt Ion: 99 Resp: 40774

Ion Ratio Lower Upper

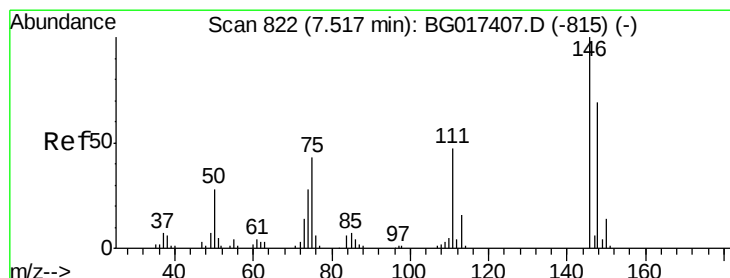
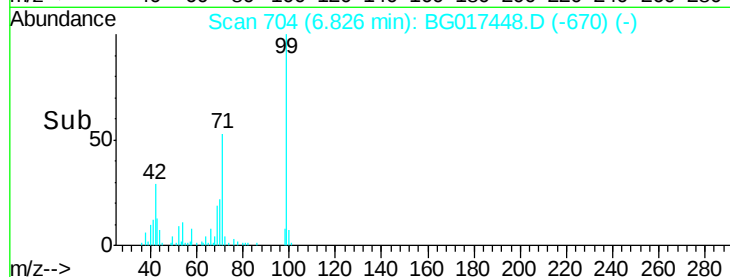
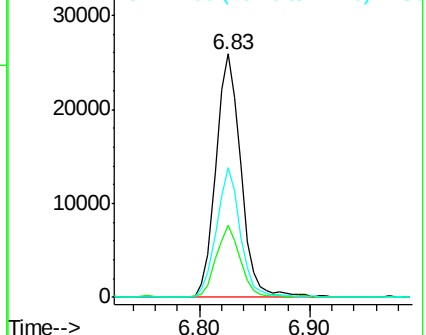
99 100

42 29.5 21.0 31.6

71 53.1 37.2 55.8



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#12

1,3-Dichlorobenzene

Concen: 2.70 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.15 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

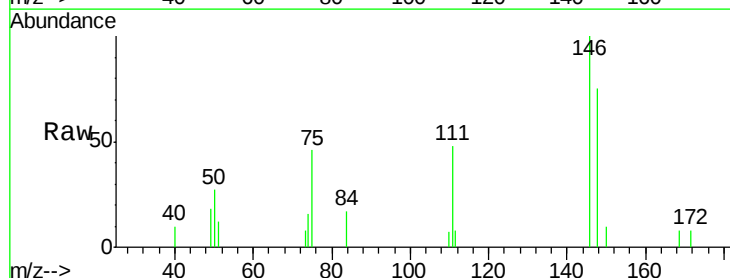
Tgt Ion: 146 Resp: 3470

Ion Ratio Lower Upper

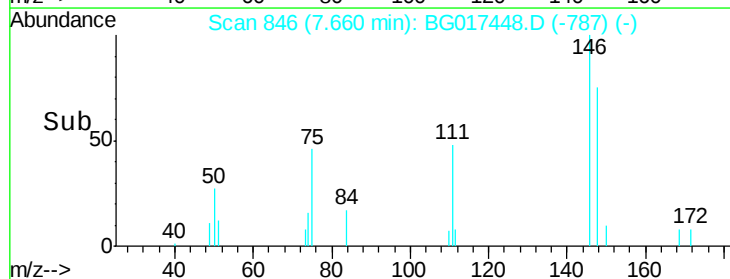
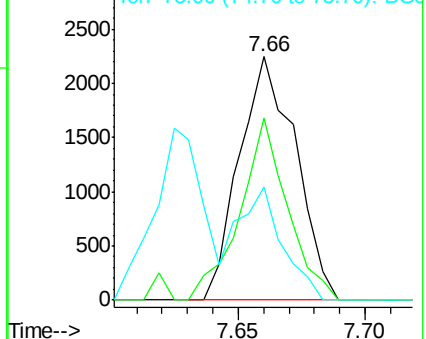
146 100

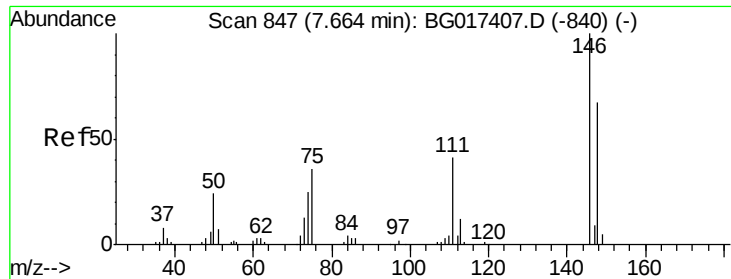
148 74.9 55.2 82.8

75 46.2 34.1 51.1



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

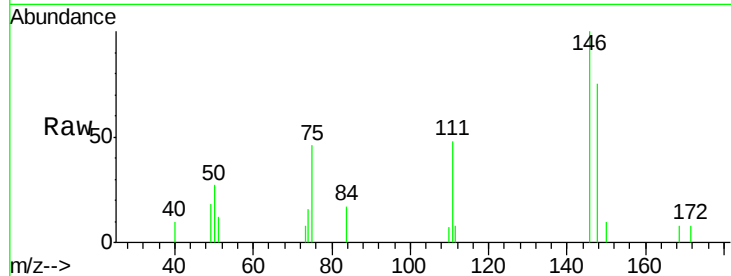




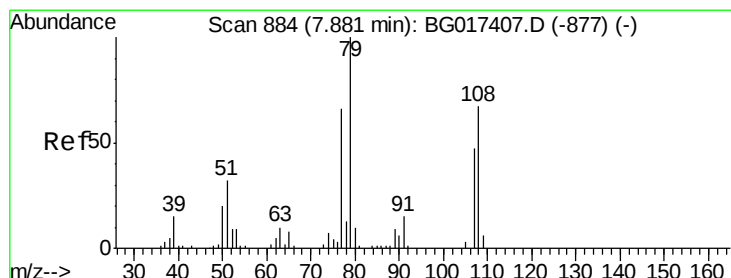
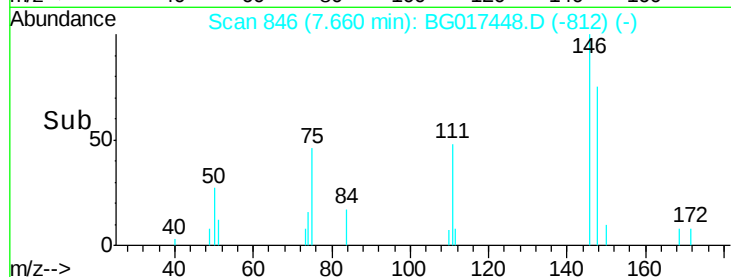
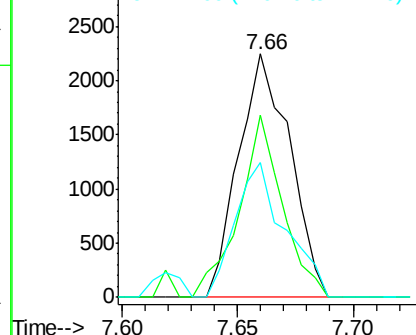
#13
1,4-Dichlorobenzene
Concen: 2.58 ng
RT: 7.66 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG017448.D
Acq: 4 Jun 2015 18:58

Instrument :
BNA_G
ClientSampleId :
SS043MW010-150601

Tgt Ion:146 Resp: 3470
Ion Ratio Lower Upper
146 100
148 74.9 53.2 79.8
111 55.5 33.2 49.8#

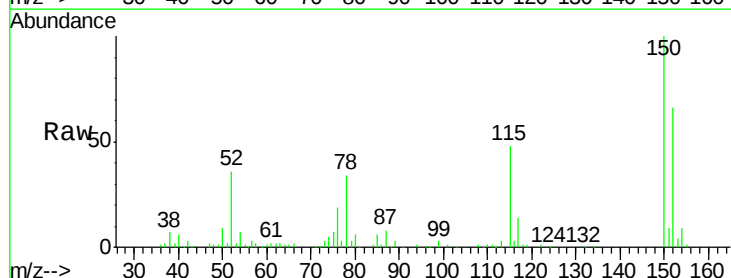


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

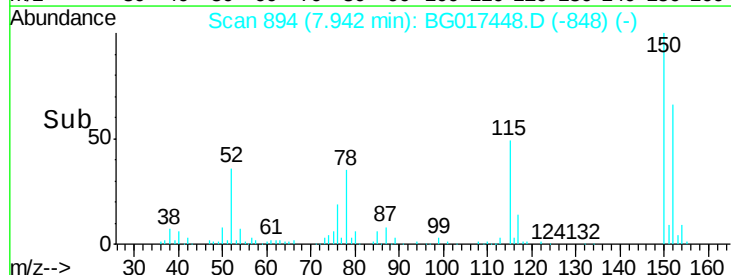
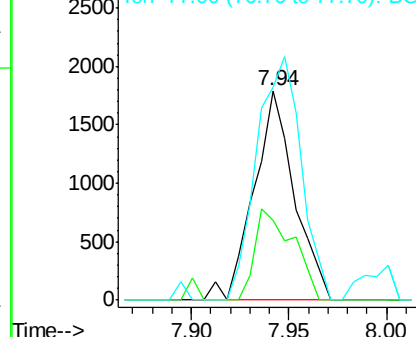


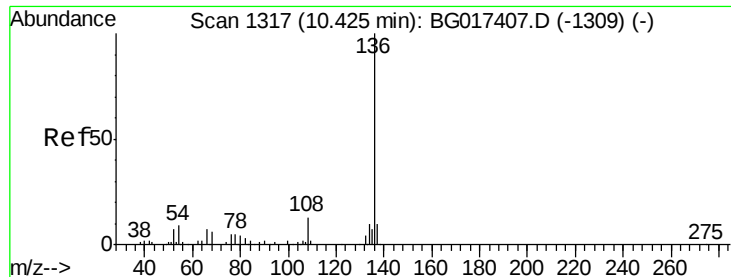
#15
Benzyl Alcohol
Concen: 2.09 ng
RT: 7.94 min Scan# 894
Delta R.T. 0.07 min
Lab File: BG017448.D
Acq: 4 Jun 2015 18:58

Tgt Ion: 79 Resp: 2573
Ion Ratio Lower Upper
79 100
108 38.2 53.7 80.5#
77 101.3 53.0 79.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.42 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

Instrument :

BNA_G

ClientSampleId :

SS043MW010-150601

Tgt Ion: 136 Resp: 69568

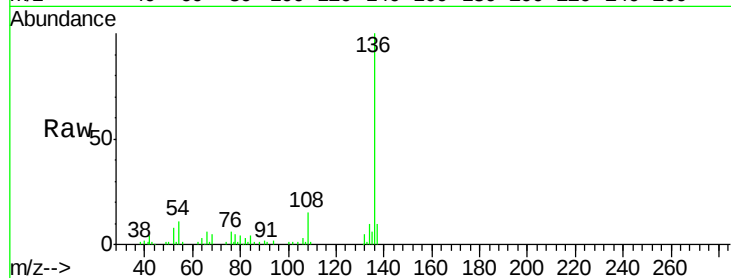
Ion Ratio Lower Upper

136 100

137 9.7 7.9 11.9

54 10.6 7.2 10.8

68 4.6 4.5 6.7

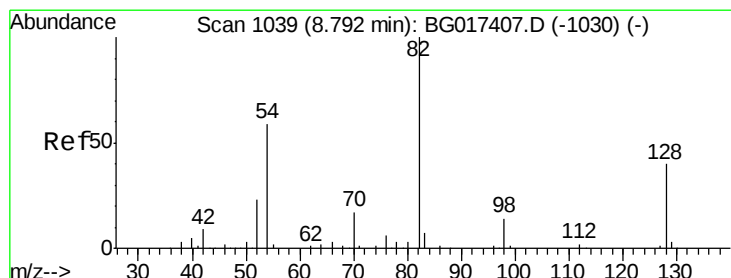
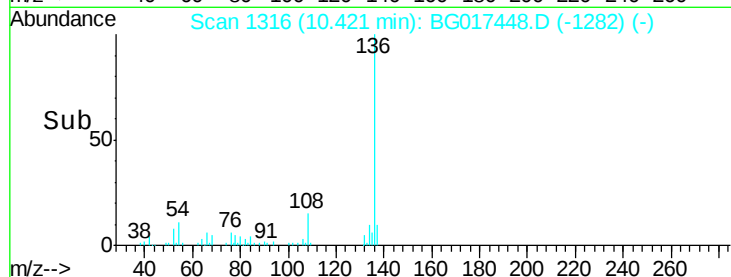
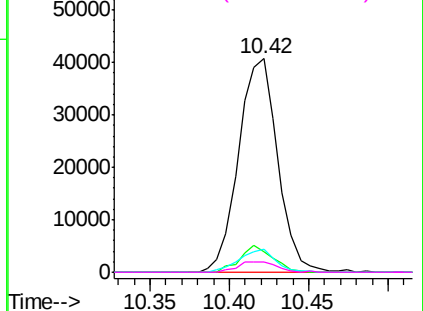


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 86.79 ng

RT: 8.79 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

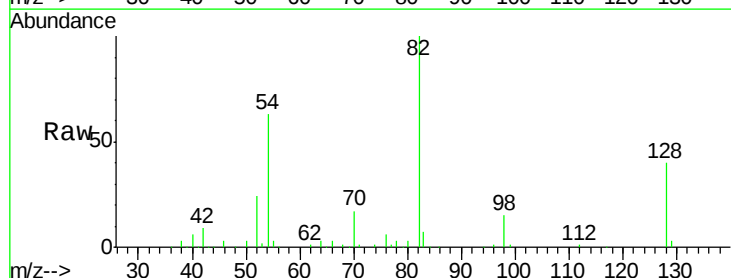
Tgt Ion: 82 Resp: 120956

Ion Ratio Lower Upper

82 100

128 39.9 32.2 48.4

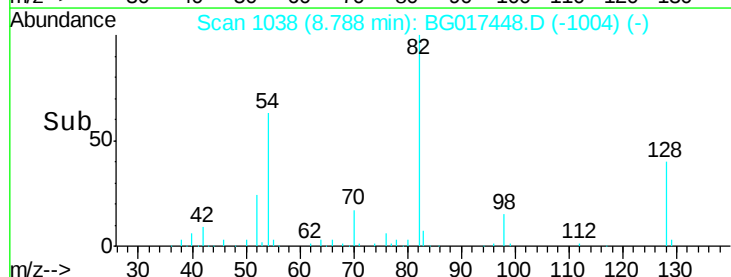
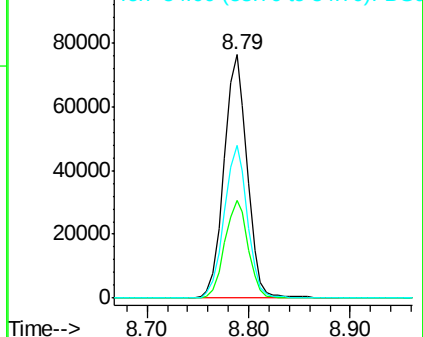
54 62.9 47.4 71.2

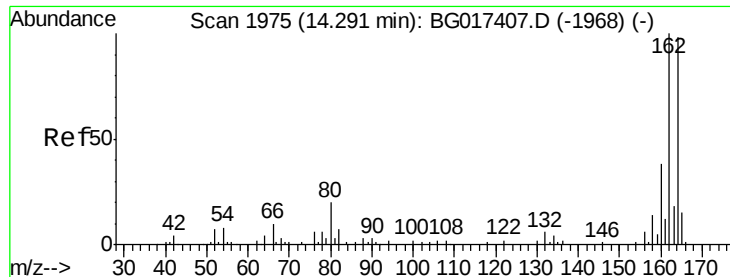


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.29 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

Instrument :

BNA_G

ClientSampleId :

SS043MW010-150601

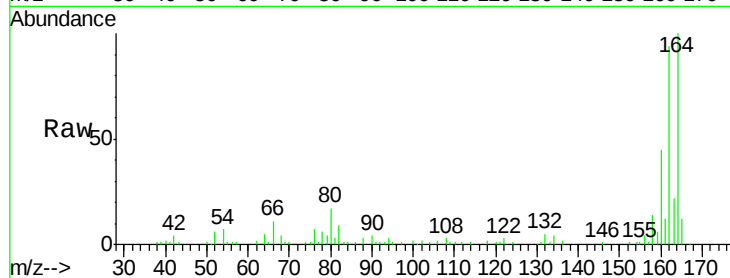
Tgt Ion:164 Resp: 45318

Ion Ratio Lower Upper

164 100

162 94.0 81.8 122.6

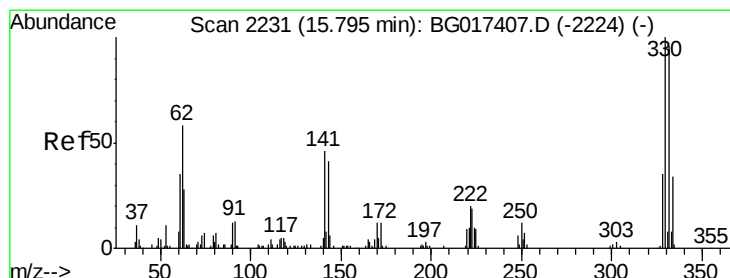
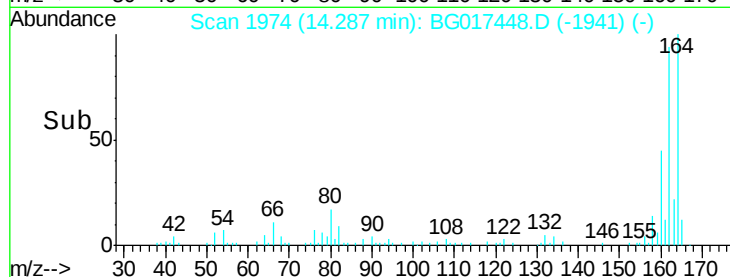
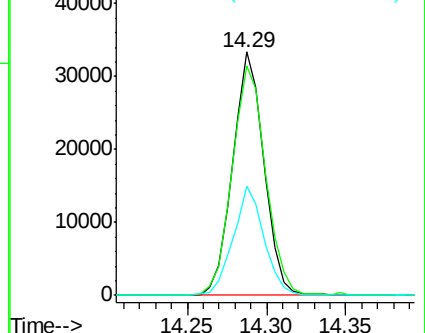
160 44.7 31.0 46.4



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: 142.16 ng

RT: 15.79 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

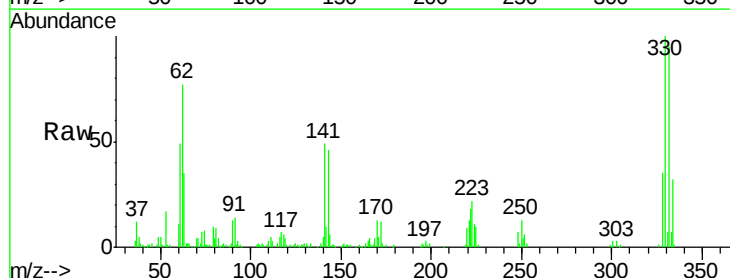
Tgt Ion:330 Resp: 89479

Ion Ratio Lower Upper

330 100

332 93.4 75.9 113.9

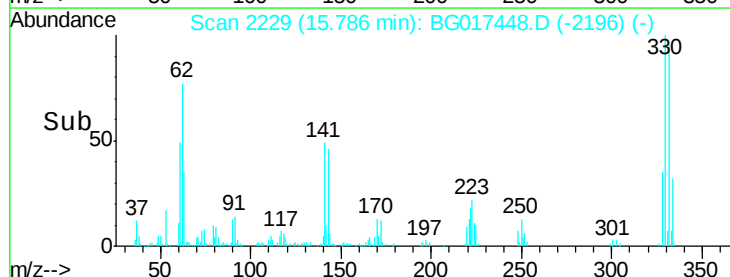
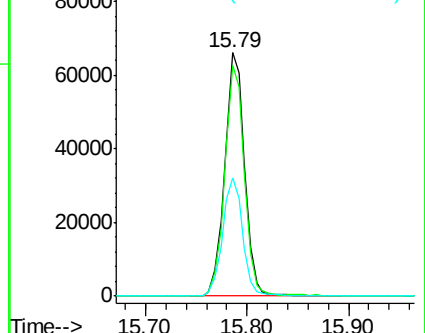
141 49.4 40.2 60.4

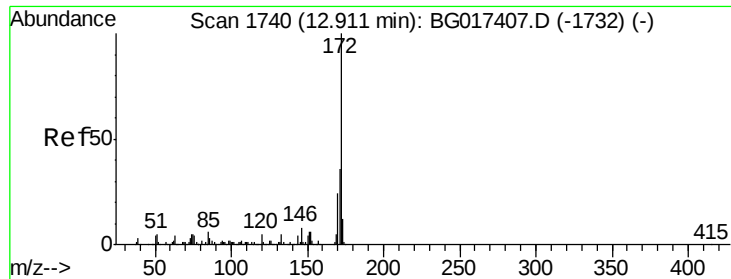


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

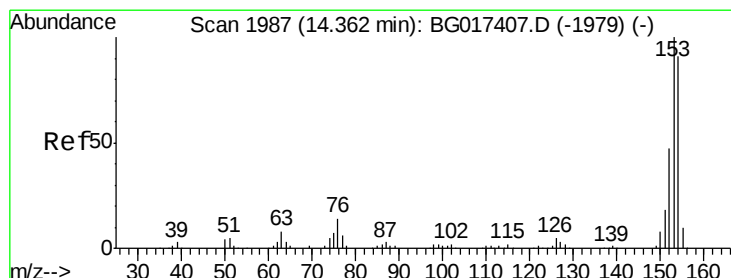
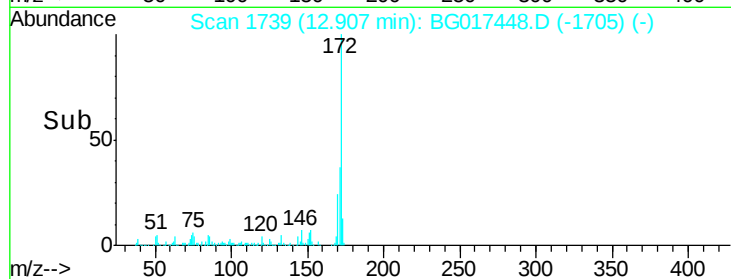
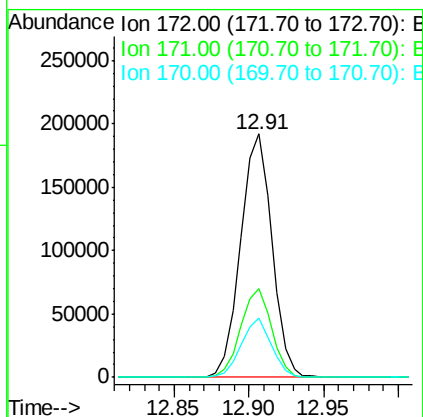
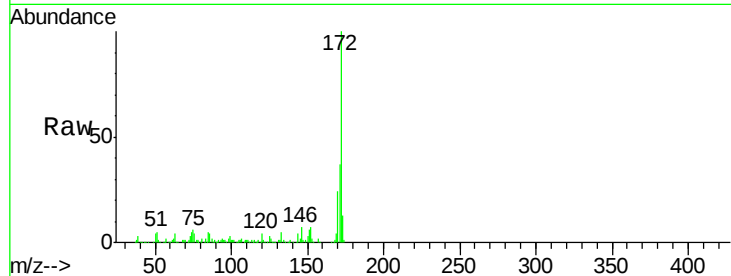




#44
2-Fluorobiphenyl
Concen: 92.94 ng
RT: 12.91 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG017448.D
Acq: 4 Jun 2015 18:58

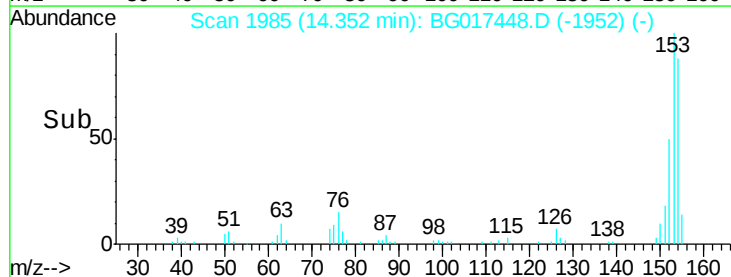
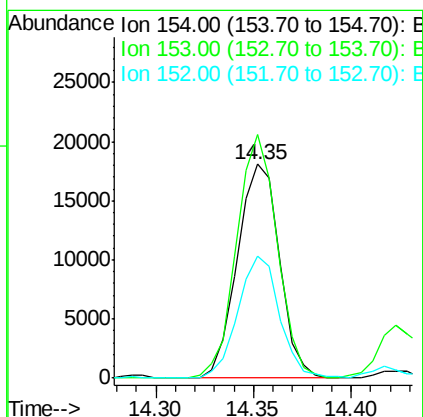
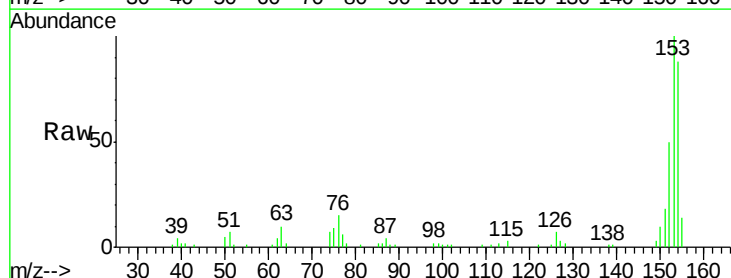
Instrument :
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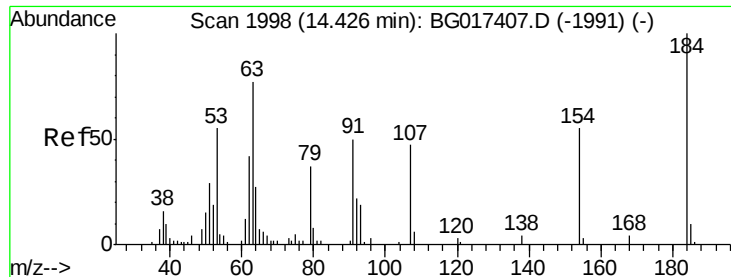
Tgt Ion:172 Resp: 279205
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.6
170 24.2 18.9 28.3



#51
Acenaphthene
Concen: 9.37 ng
RT: 14.35 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG017448.D
Acq: 4 Jun 2015 18:58

Tgt Ion:154 Resp: 26951
Ion Ratio Lower Upper
154 100
153 113.9 87.7 131.5
152 57.3 40.8 61.2

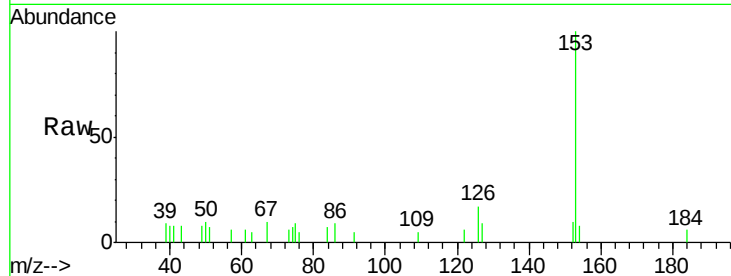




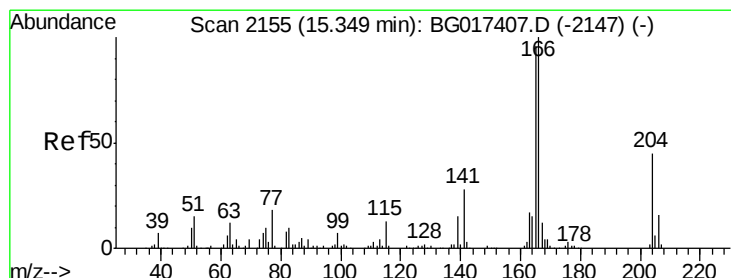
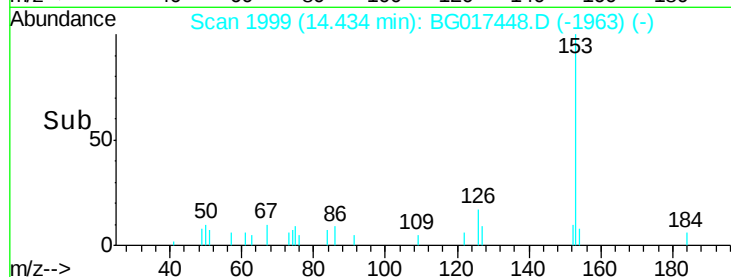
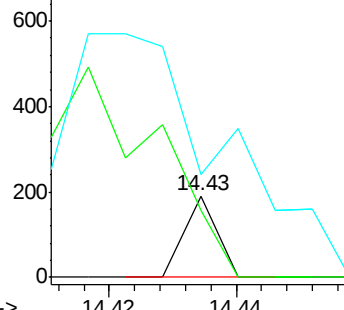
#53
2,4-Dinitrophenol
Concen: 7.13 ng
RT: 14.43 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BG017448.D
Acq: 4 Jun 2015 18:58

Instrument :
BNA_G
ClientSampleId :
SS043MW010-150601

Tgt Ion:184 Resp: 67
Ion Ratio Lower Upper
184 100
63 81.7 61.5 92.3
154 125.7 53.8 80.8#

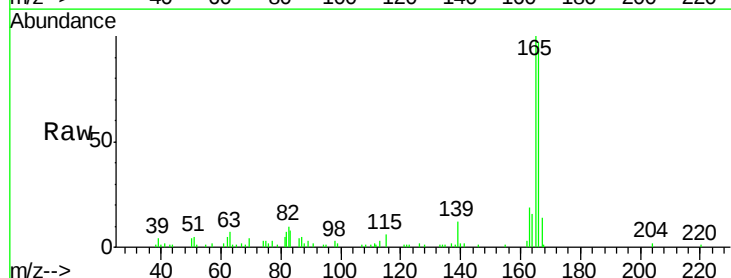


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

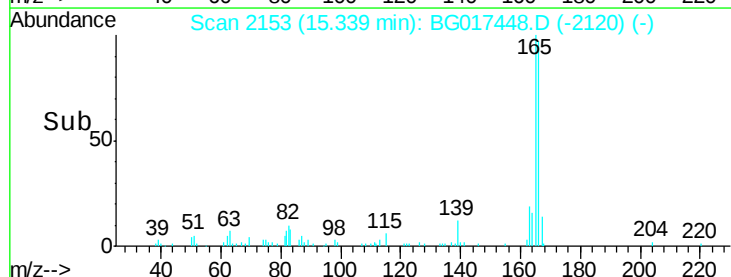
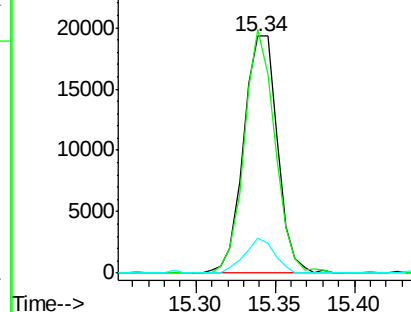


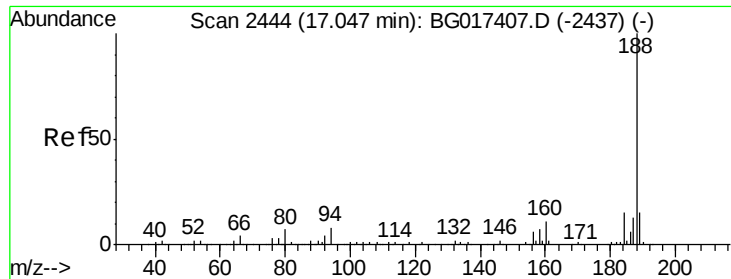
#57
Fluorene
Concen: 7.43 ng
RT: 15.34 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG017448.D
Acq: 4 Jun 2015 18:58

Tgt Ion:166 Resp: 28575
Ion Ratio Lower Upper
166 100
165 102.8 76.8 115.2
167 14.5 9.9 14.9



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: 17.04 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

Instrument :

BNA_G

ClientSampleId :

SS043MW010-150601

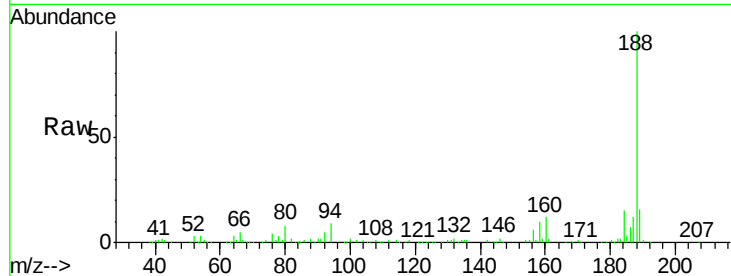
Tgt Ion:188 Resp: 109287

Ion Ratio Lower Upper

188 100

94 8.6 6.3 9.5

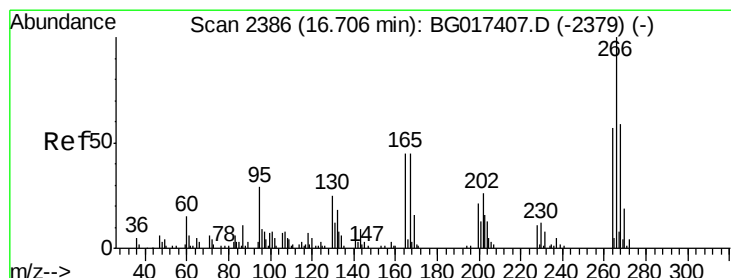
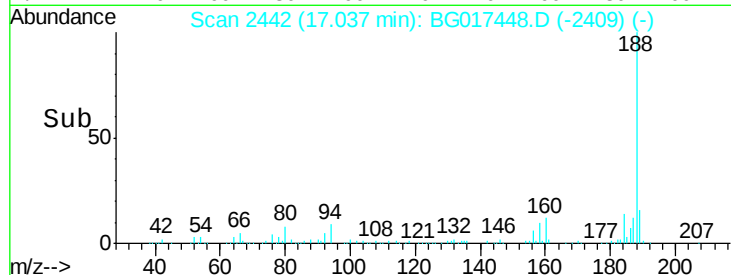
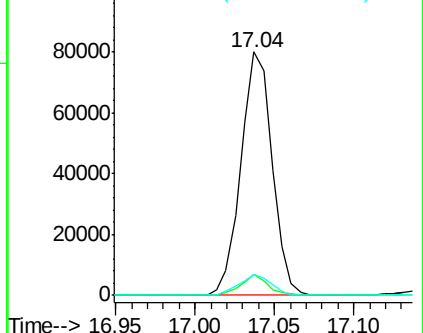
80 8.4 5.2 7.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#69

Pentachlorophenol

Concen: 5.85 ng

RT: 16.70 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

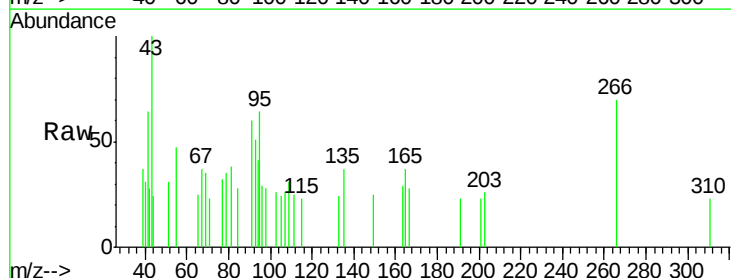
Tgt Ion:266 Resp: 299

Ion Ratio Lower Upper

266 100

268 0.0 47.0 70.6#

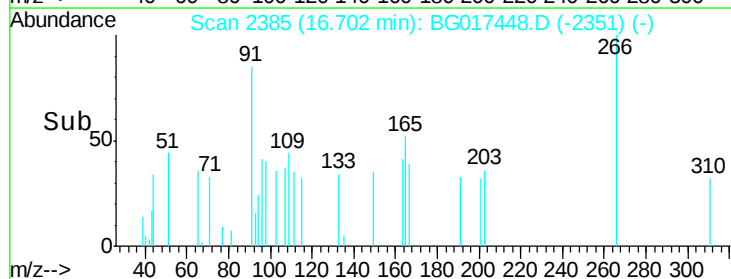
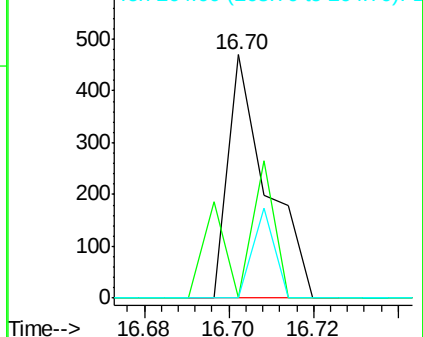
264 0.0 45.7 68.5#

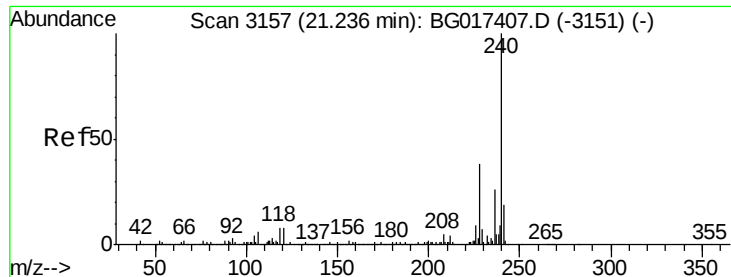


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

Instrument :

BNA_G

ClientSampleId :

SS043MW010-150601

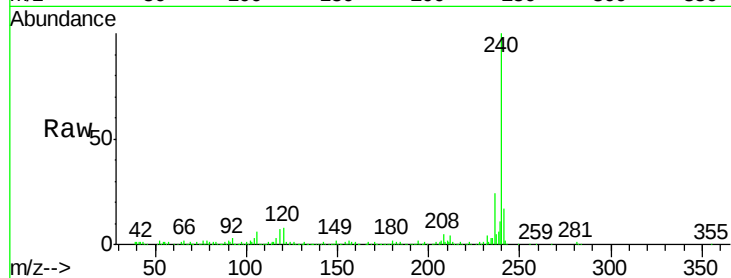
Tgt Ion:240 Resp: 135636

Ion Ratio Lower Upper

240 100

120 7.7 6.5 9.7

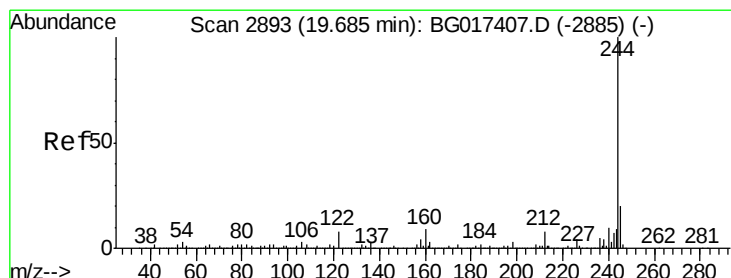
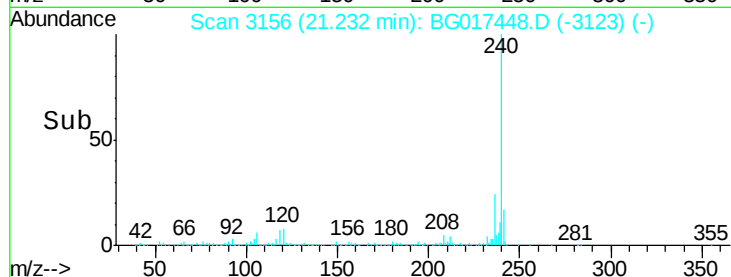
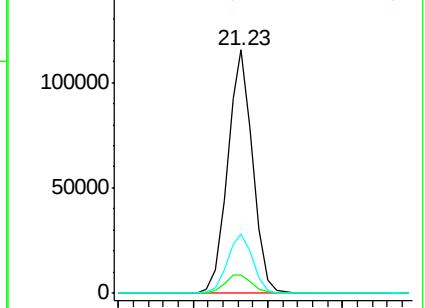
236 24.1 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 82.48 ng

RT: 19.68 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BG017448.D

Acq: 4 Jun 2015 18:58

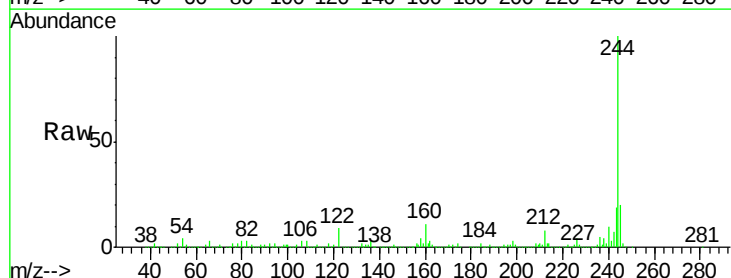
Tgt Ion:244 Resp: 541310

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

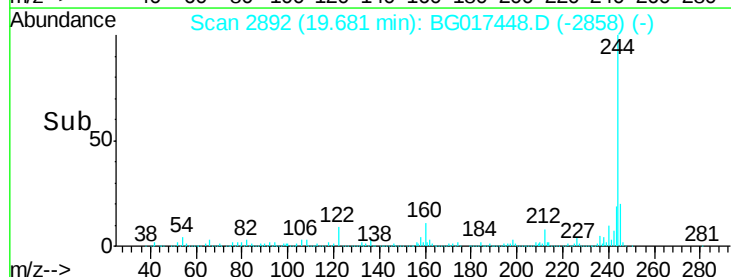
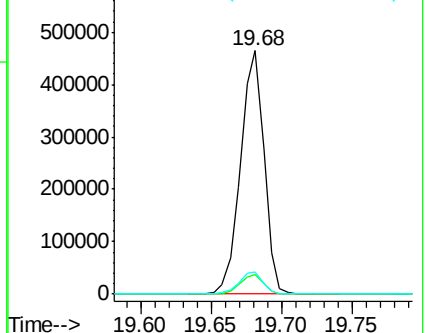
122 9.3 6.6 10.0

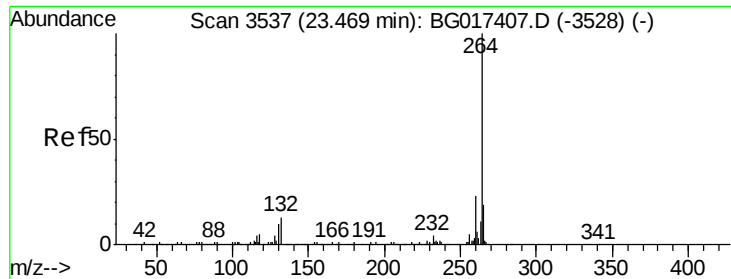


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.46 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BG017448.D
Acq: 4 Jun 2015 18:58

Instrument :
BNA_G
ClientSampleId :
SS043MW010-150601

Tgt Ion: 264 Resp: 133832
Ion Ratio Lower Upper
264 100
260 22.4 18.2 27.4
265 22.3 15.8 23.6

