

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
 Data File : BG017636.D
 Acq On : 12 Jun 2015 9:22
 Operator : TP/IZ
 Sample : G2522-22DL2 200X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-14DL2

Quant Time: Jun 12 11:14:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 18:39:50 2015
 Response via : Initial Calibration

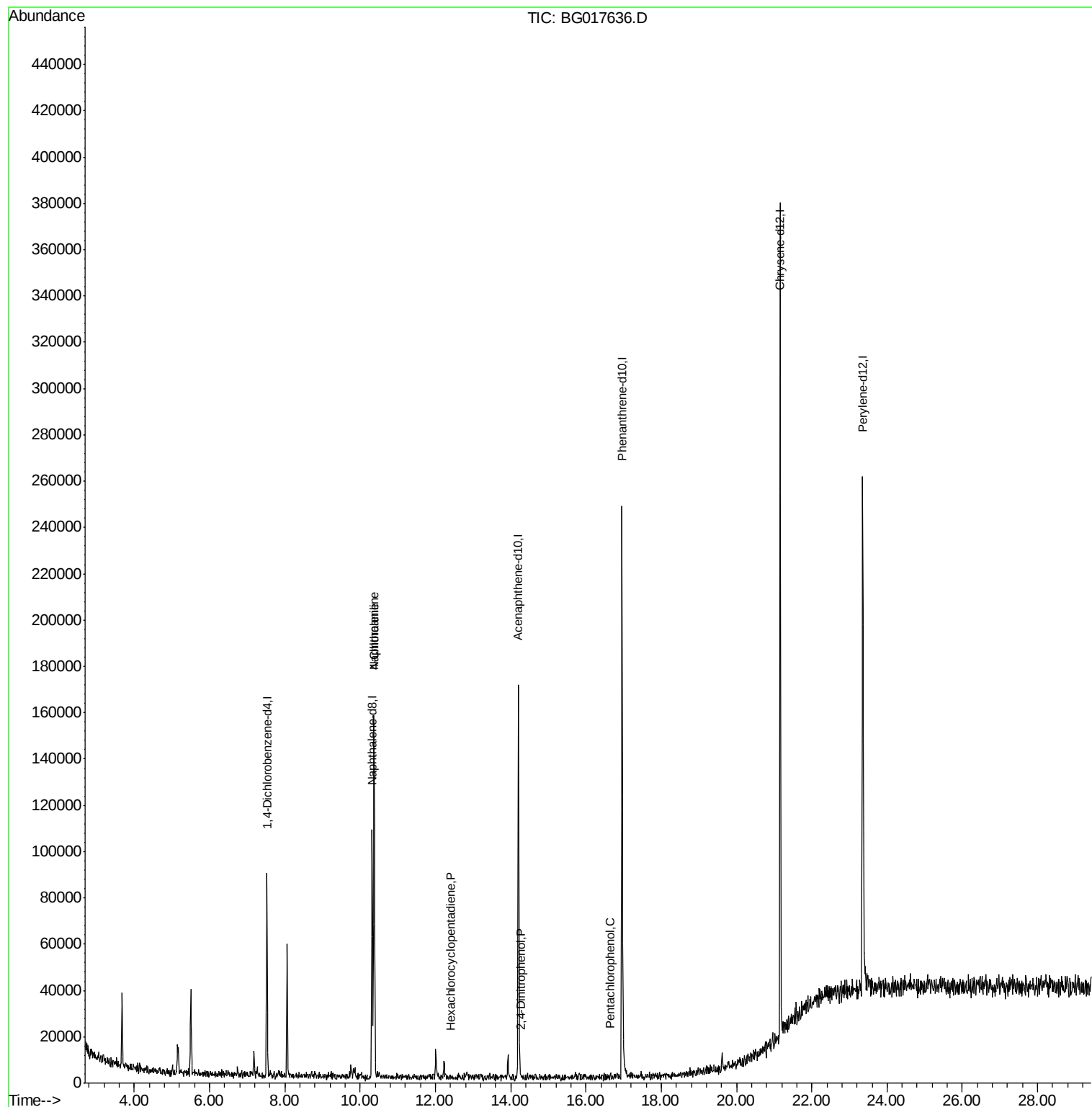
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	18777	20.00	ng	-0.08
21) Naphthalene-d8	10.32	136	71151	20.00	ng	-0.08
38) Acenaphthene-d10	14.21	164	54839	20.00	ng	-0.08
63) Phenanthrene-d10	16.96	188	151596	20.00	ng	-0.08
75) Chrysene-d12	21.16	240	169432	20.00	ng	-0.07
86) Perylene-d12	23.35	264	163749	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	213	0.20	ng	-0.08
7) Phenol-d6	6.87	99	115	0.08	ng	0.05
23) Nitrobenzene-d5	8.71	82	153	0.11	ng	-0.07
41) 2,4,6-Tribromophenol	15.72	330	88	0.12	ng	-0.07
44) 2-Fluorobiphenyl	12.83	172	1384	0.38	ng	-0.07
78) Terphenyl-d14	19.61	244	4117	0.50	ng	-0.07
Target Compounds						
31) Naphthalene	10.37	128	103687	27.89	ng	# 94
33) 4-Chloroaniline	10.37	127	14925	9.05	ng	# 42
40) Hexachlorocyclopentadiene	12.41	237	79	6.89	ng	# 27
53) 2,4-Dinitrophenol	14.28	184	80	7.13	ng	# 13
69) Pentachlorophenol	16.64	266	67	5.55	ng	# 22

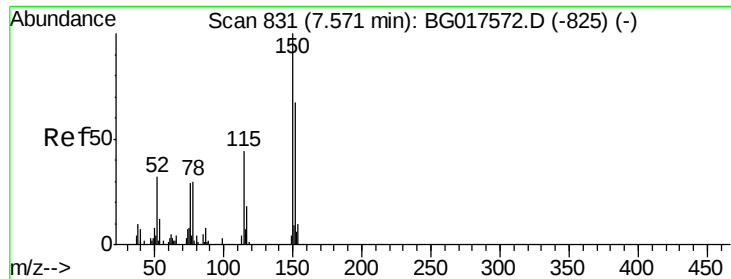
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
ClientSampleId :
MW-14DL2

Quant Time: Jun 12 11:14:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 18:39:50 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.53 min Scan# 824

Delta R.T. -0.08 min

Lab File: BG017636.D

Acq: 12 Jun 2015 9:22

Instrument :

BNA_G

ClientSampleId :

MW-14DL2

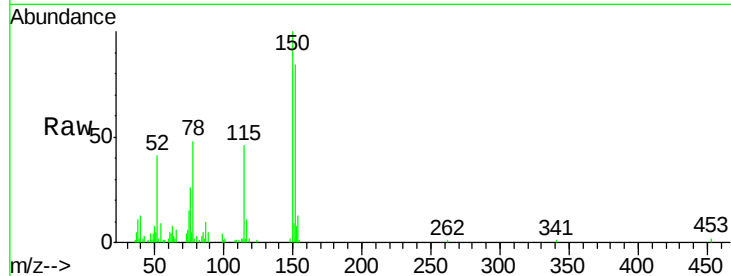
Tgt Ion:152 Resp: 18777

Ion Ratio Lower Upper

152 100

150 119.2 121.7 182.5#

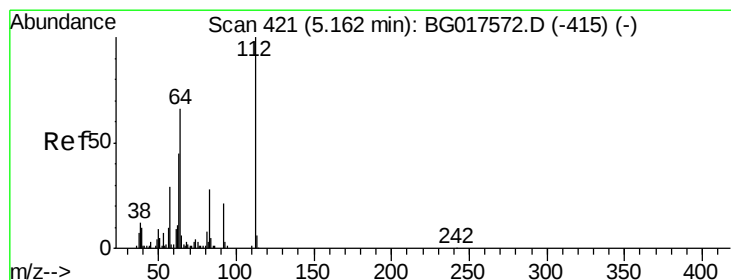
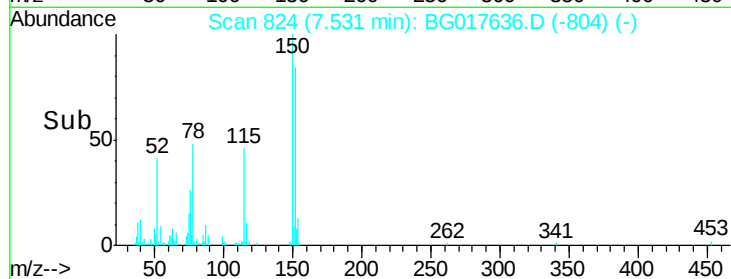
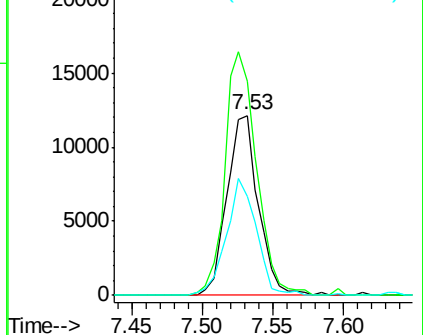
115 54.7 48.6 73.0



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: 0.20 ng

RT: 5.12 min Scan# 414

Delta R.T. -0.08 min

Lab File: BG017636.D

Acq: 12 Jun 2015 9:22

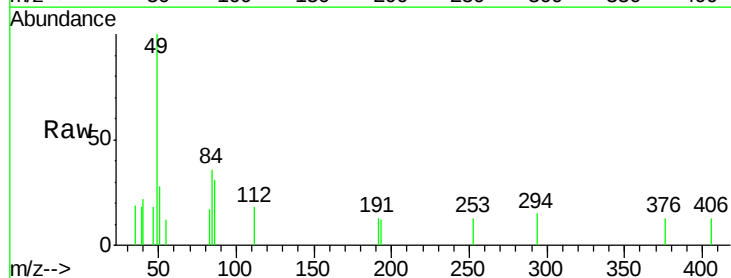
Tgt Ion:112 Resp: 213

Ion Ratio Lower Upper

112 100

64 0.0 51.6 77.4#

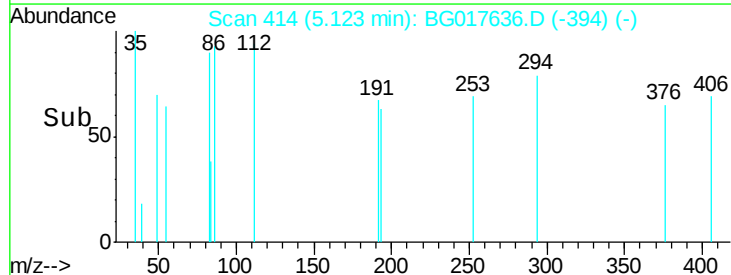
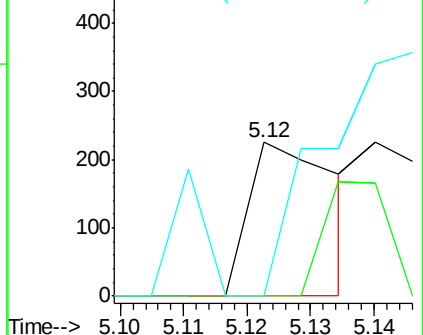
63 0.0 33.3 49.9#

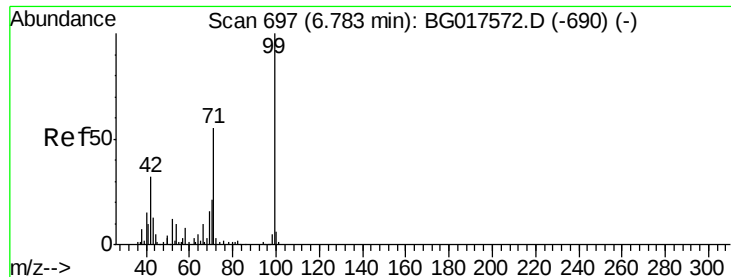


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 0.08 ng

RT: 6.87 min Scan# 711

Delta R.T. 0.05 min

Lab File: BG017636.D

Acq: 12 Jun 2015 9:22

Instrument :

BNA_G

ClientSampled :

MW-14DL2

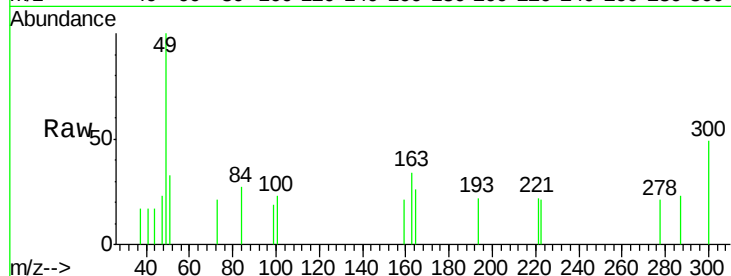
Tgt Ion: 99 Resp: 115

Ion Ratio Lower Upper

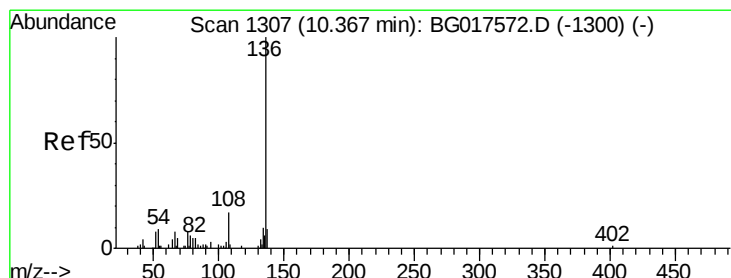
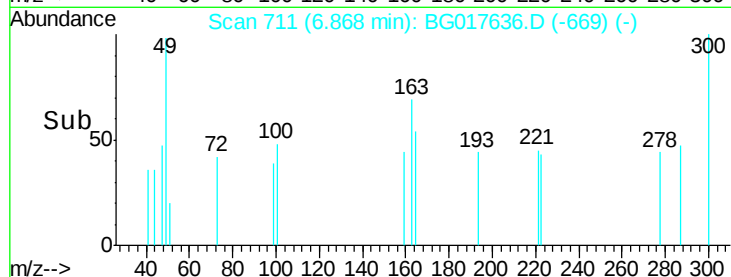
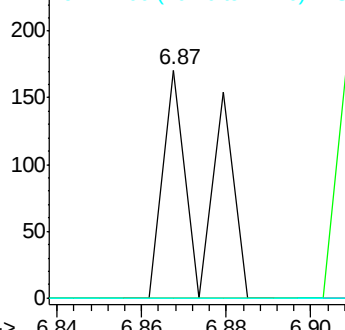
99 100

42 0.0 21.0 31.6#

71 0.0 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1299

Delta R.T. -0.08 min

Lab File: BG017636.D

Acq: 12 Jun 2015 9:22

Tgt Ion: 136 Resp: 71151

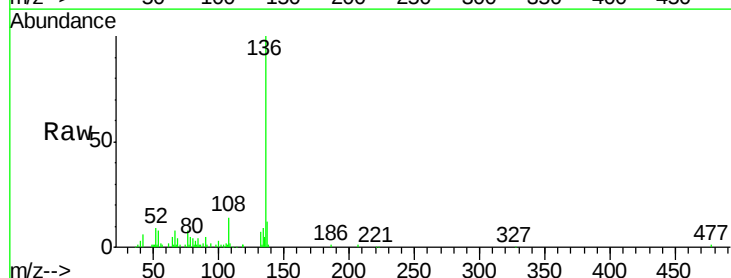
Ion Ratio Lower Upper

136 100

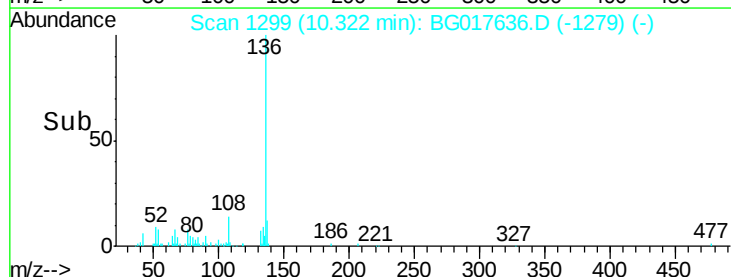
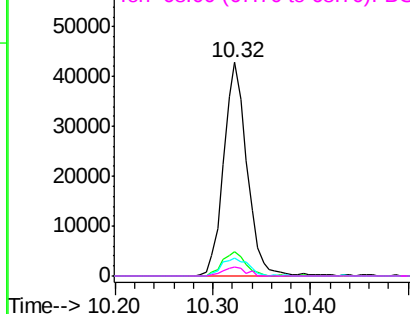
137 11.6 7.9 11.9

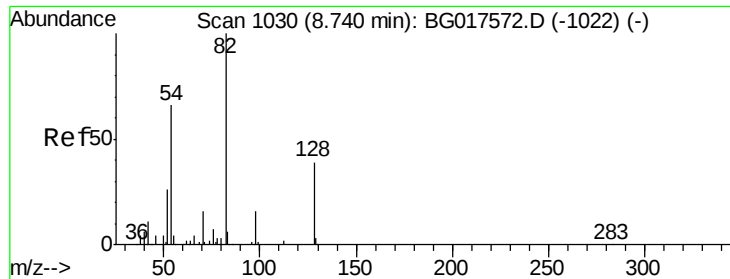
54 8.4 7.2 10.8

68 4.5 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

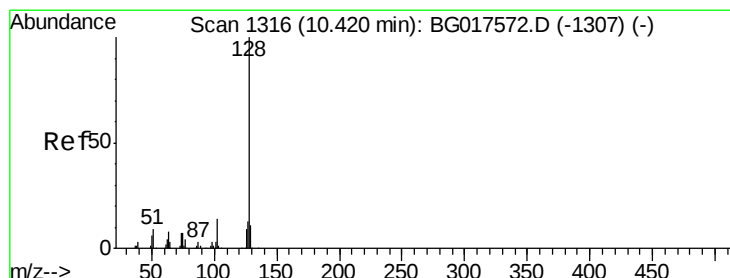
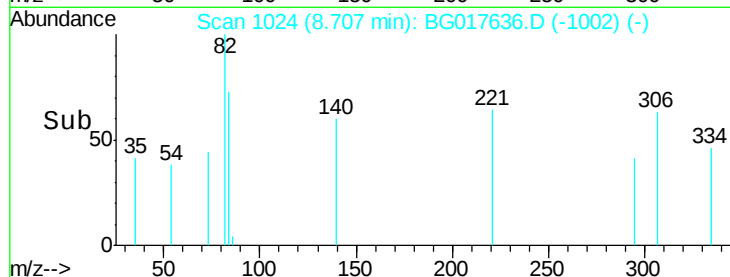
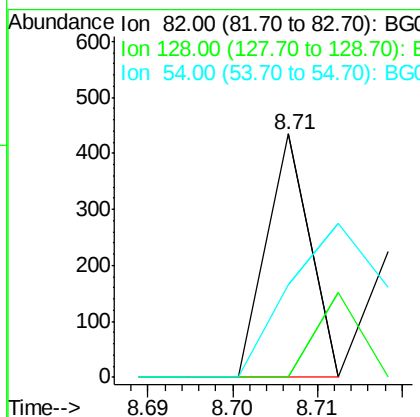
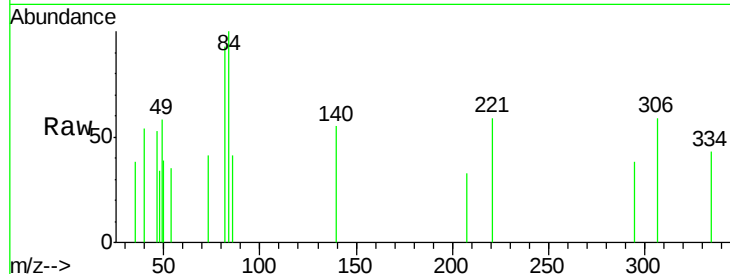




#23
 Nitrobenzene-d5
 Concen: 0.11 ng
 RT: 8.71 min Scan# 1024
 Delta R.T. -0.07 min
 Lab File: BG017636.D
 Acq: 12 Jun 2015 9:22

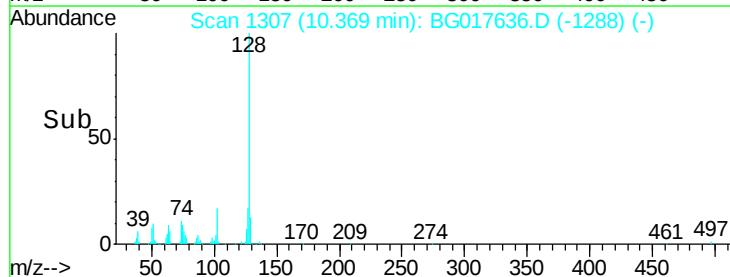
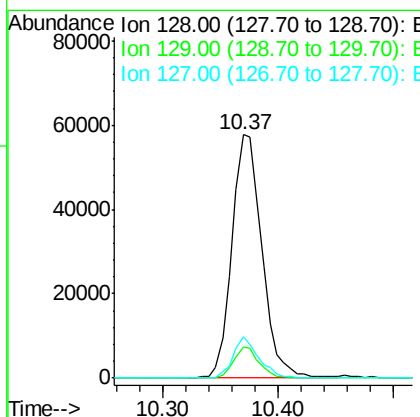
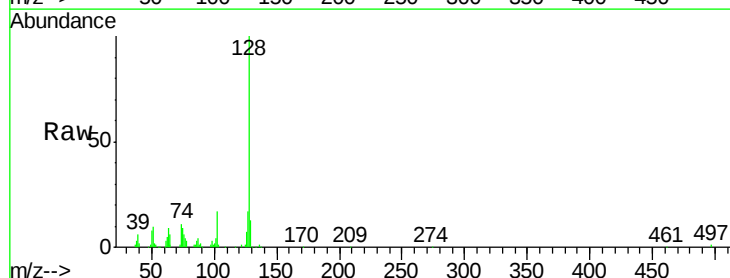
Instrument :
 BNA_G
 ClientSampled :
 MW-14DL2

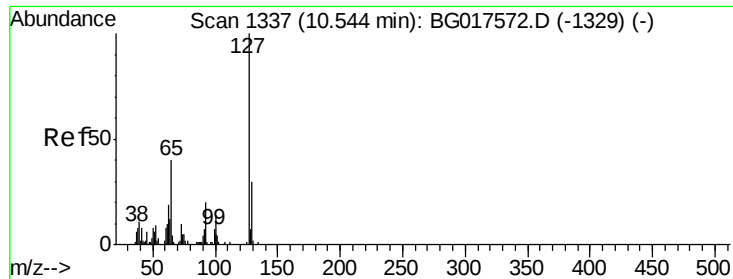
Tgt Ion: 82 Resp: 153
 Ion Ratio Lower Upper
 82 100
 128 0.0 32.2 48.4#
 54 37.9 47.4 71.2#



#31
 Naphthalene
 Concen: 27.89 ng
 RT: 10.37 min Scan# 1307
 Delta R.T. -0.09 min
 Lab File: BG017636.D
 Acq: 12 Jun 2015 9:22

Tgt Ion: 128 Resp: 103687
 Ion Ratio Lower Upper
 128 100
 129 12.6 9.2 13.8
 127 17.0 10.9 16.3#

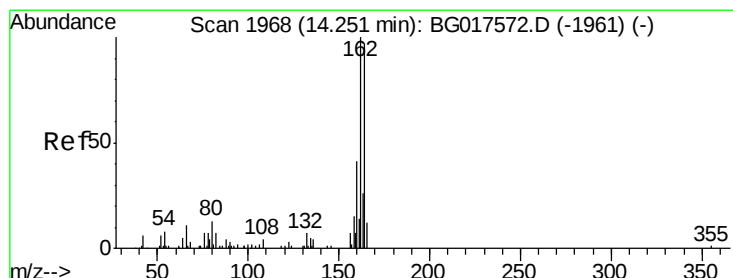
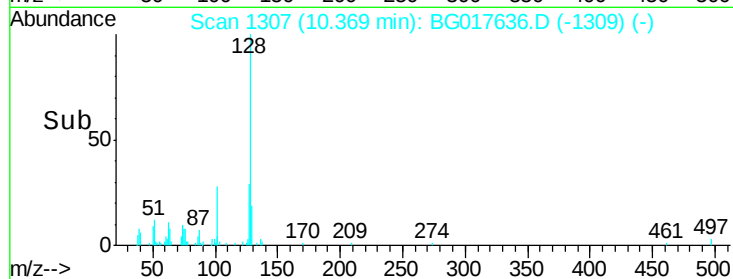
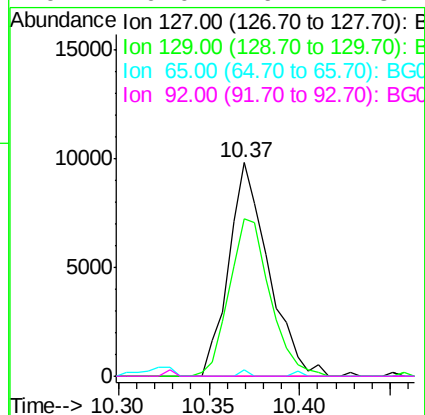
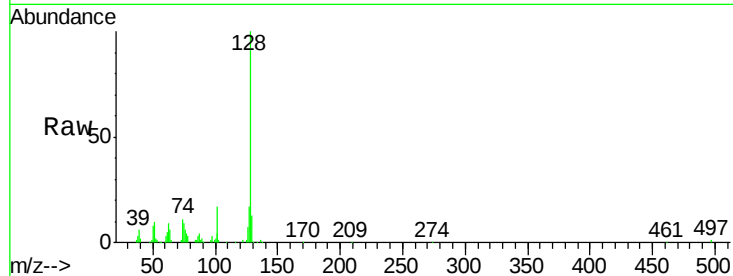




#33
4-Chloroaniline
Concen: 9.05 ng
RT: 10.37 min Scan# 1307
Delta R.T. -0.21 min
Lab File: BG017636.D
Acq: 12 Jun 2015 9:22

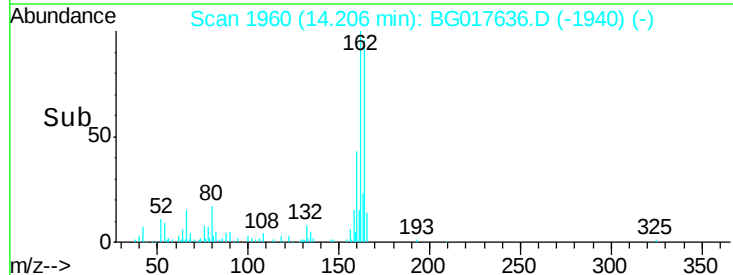
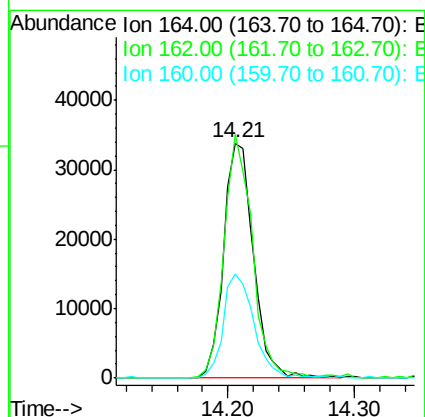
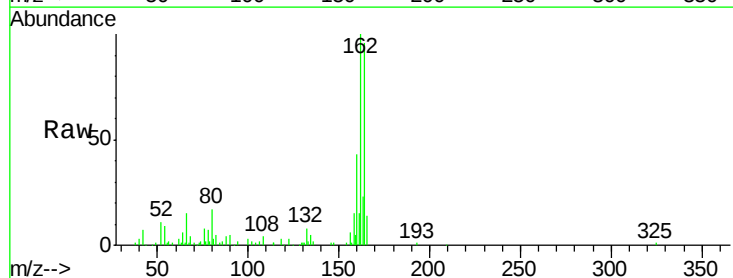
Instrument :
BNA_G
ClientSampleId :
MW-14DL2

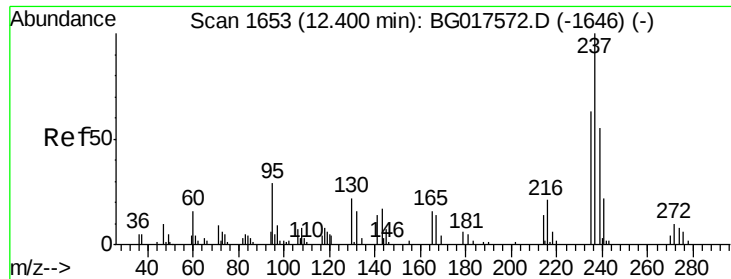
Tgt Ion:	127	Resp:	14925
Ion	Ratio	Lower	Upper
127	100		
129	74.0	27.1	40.7#
65	3.2	27.6	41.4#
92	0.0	16.7	25.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.21 min Scan# 1960
Delta R.T. -0.08 min
Lab File: BG017636.D
Acq: 12 Jun 2015 9:22

Tgt Ion:	164	Resp:	54839
Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.6
160	44.4	31.0	46.4





#40

Hexachlorocyclopentadiene

Concen: 6.89 ng

RT: 12.41 min Scan# 1654

Delta R.T. -0.02 min

Lab File: BG017636.D

Acq: 12 Jun 2015 9:22

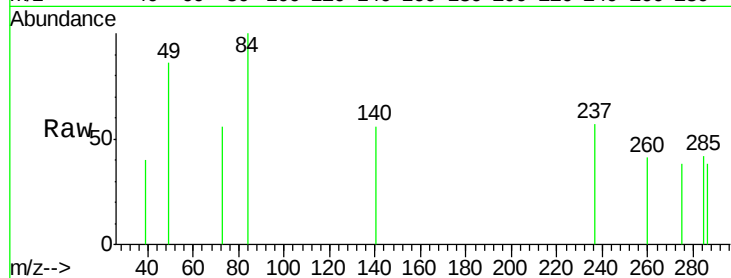
Instrument :

BNA_G

ClientSampleId :

MW-14DL2

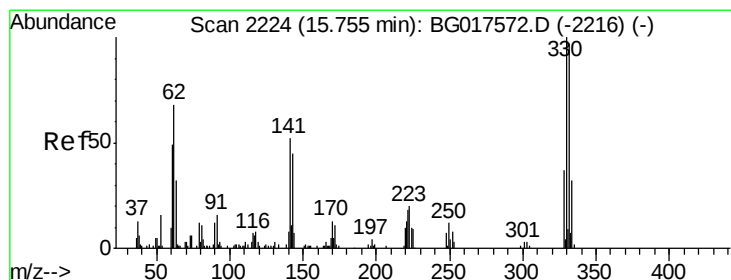
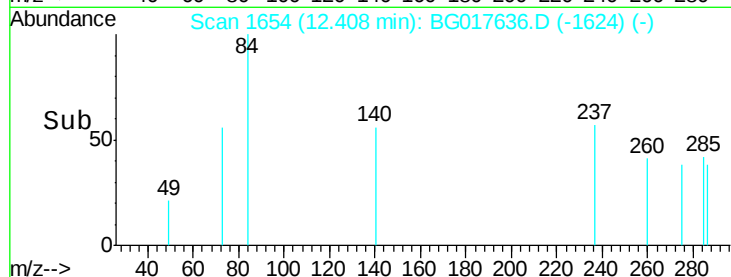
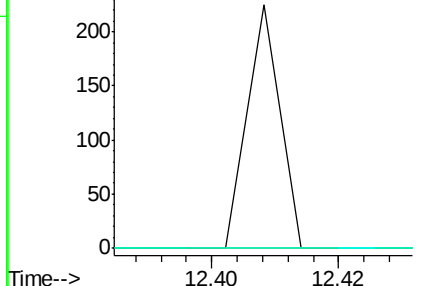
Tgt Ion:	237	Resp:	79
Ion Ratio	Lower	Upper	
237	100		
235	0.0	42.3	82.3#
272	0.0	0.0	31.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 0.12 ng

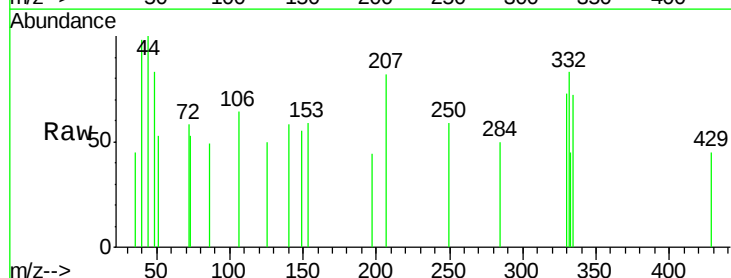
RT: 15.72 min Scan# 2217

Delta R.T. -0.07 min

Lab File: BG017636.D

Acq: 12 Jun 2015 9:22

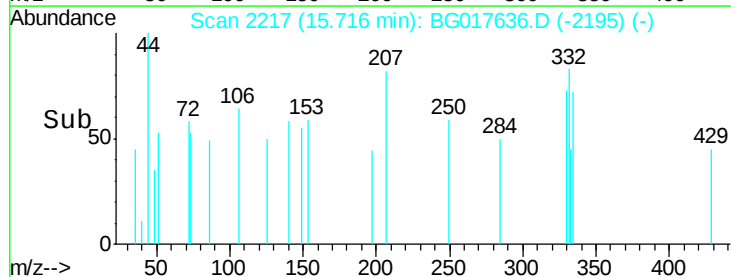
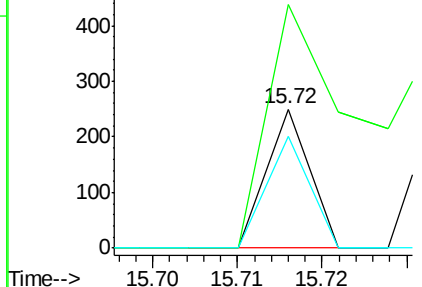
Tgt Ion:	330	Resp:	88
Ion Ratio	Lower	Upper	
330	100		
332	513.6	75.9	113.9#
141	80.7	40.2	60.4#

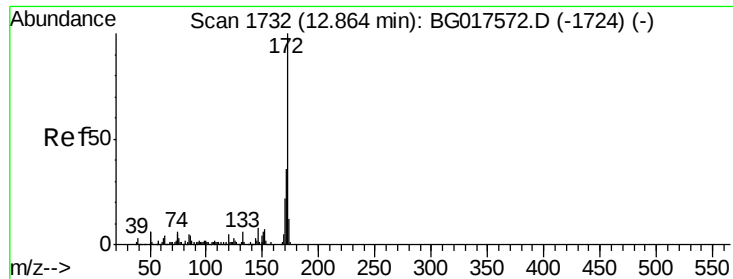


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 0.38 ng

RT: 12.83 min Scan# 1726

Delta R.T. -0.07 min

Lab File: BG017636.D

Acq: 12 Jun 2015 9:22

Instrument :

BNA_G

ClientSampled :

MW-14DL2

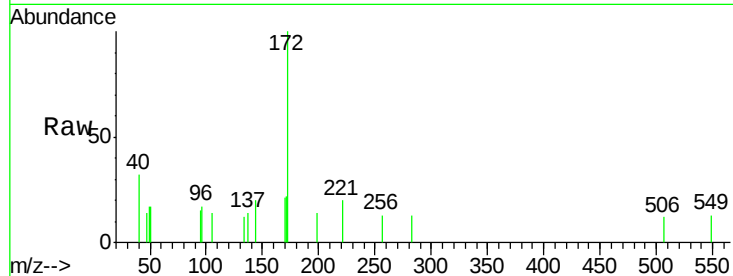
Tgt Ion:172 Resp: 1384

Ion Ratio Lower Upper

172 100

171 22.1 29.0 43.6#

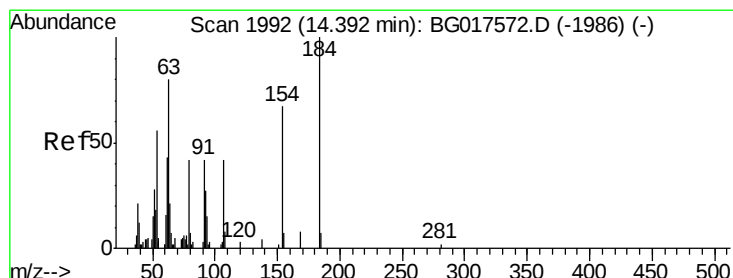
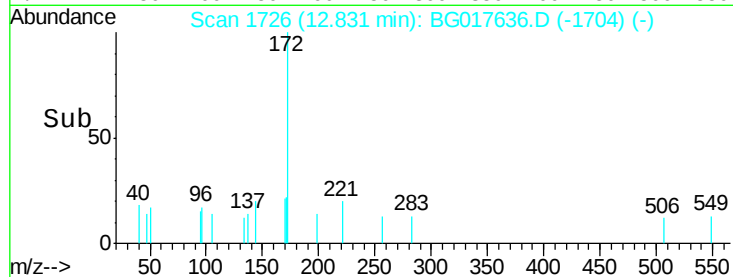
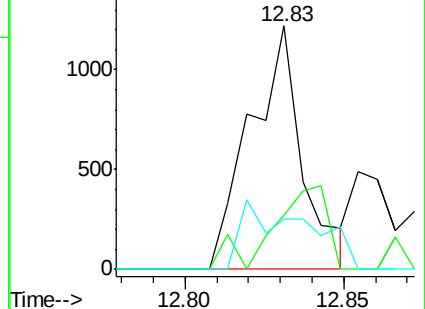
170 20.7 18.9 28.3



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



#53

2,4-Dinitrophenol

Concen: 7.13 ng

RT: 14.28 min Scan# 1972

Delta R.T. -0.15 min

Lab File: BG017636.D

Acq: 12 Jun 2015 9:22

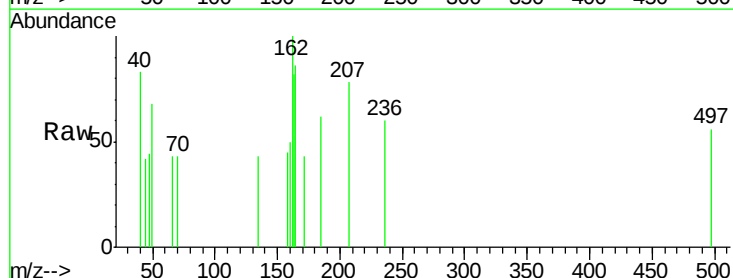
Tgt Ion:184 Resp: 80

Ion Ratio Lower Upper

184 100

63 0.0 61.5 92.3#

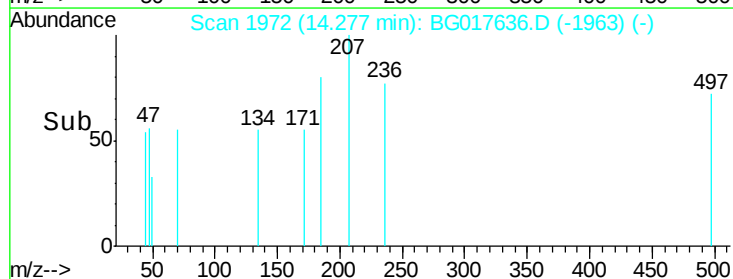
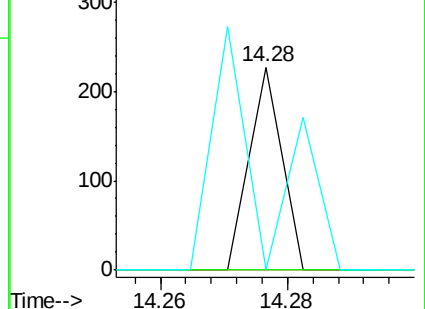
154 0.0 53.8 80.8#

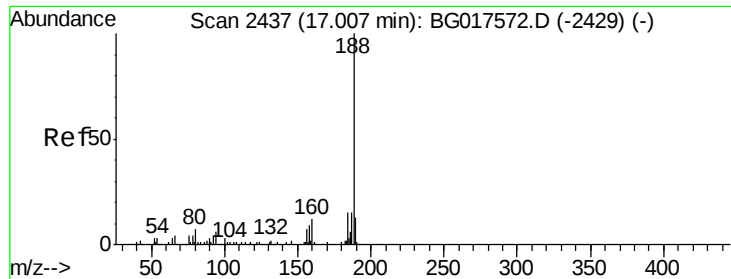


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

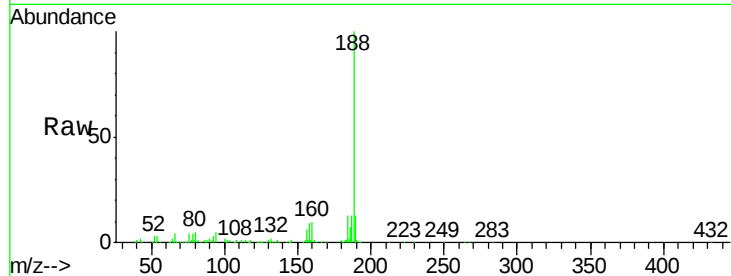




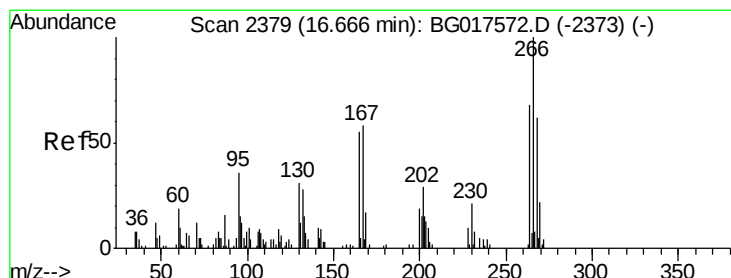
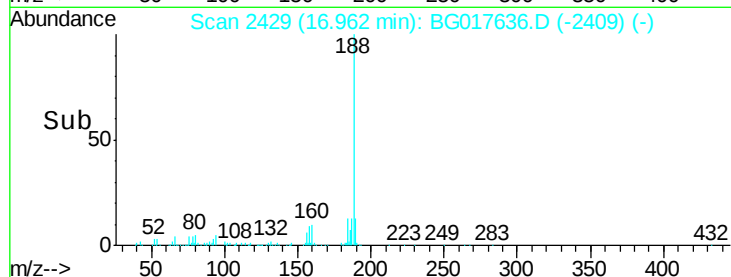
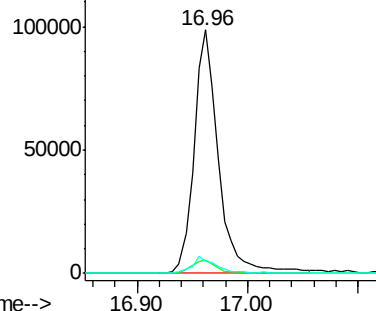
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.08 min
Lab File: BG017636.D
Acq: 12 Jun 2015 9:22

Instrument :
BNA_G
ClientSampleId :
MW-14DL2

Tgt Ion:188 Resp: 151596
Ion Ratio Lower Upper
188 100
94 5.2 6.3 9.5#
80 4.9 5.2 7.8#

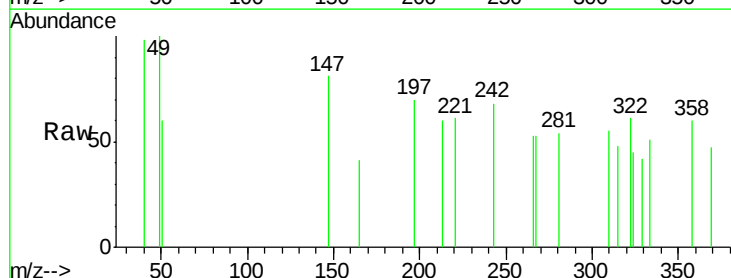


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

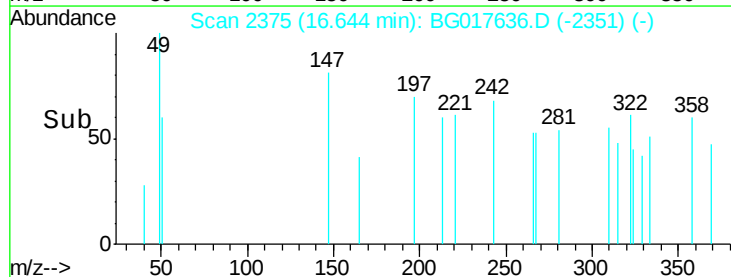
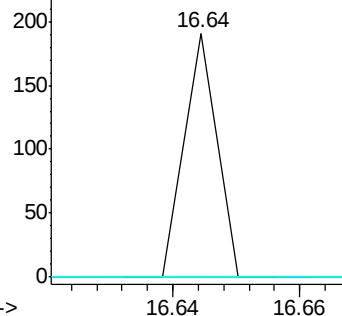


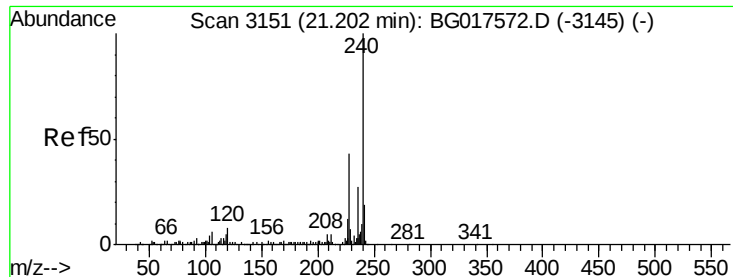
#69
Pentachlorophenol
Concen: 5.55 ng
RT: 16.64 min Scan# 2375
Delta R.T. -0.06 min
Lab File: BG017636.D
Acq: 12 Jun 2015 9:22

Tgt Ion:266 Resp: 67
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: 21.16 min Scan# 3144

Delta R.T. -0.07 min

Lab File: BG017636.D

Acq: 12 Jun 2015 9:22

Instrument :

BNA_G

ClientSampleId :

MW-14DL2

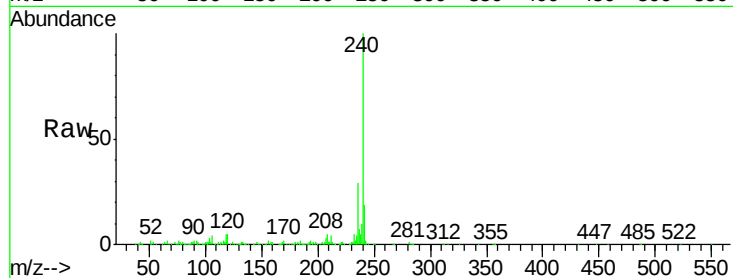
Tgt Ion:240 Resp: 169432

Ion Ratio Lower Upper

240 100

120 4.7 6.5 9.7#

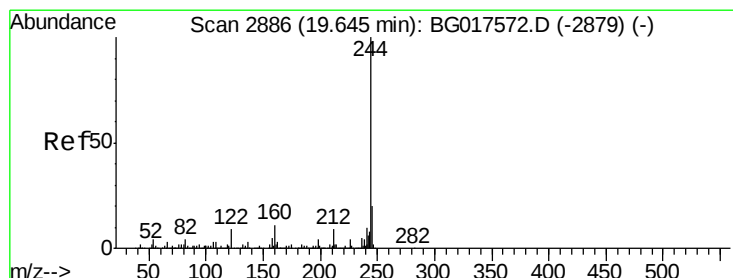
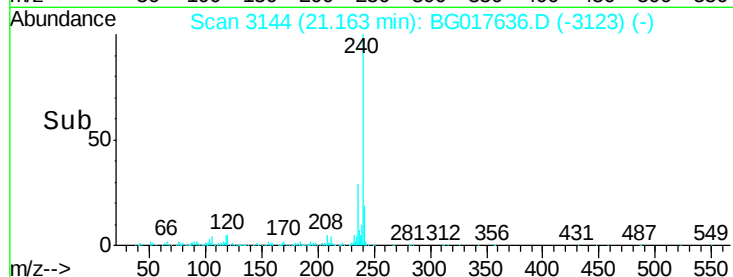
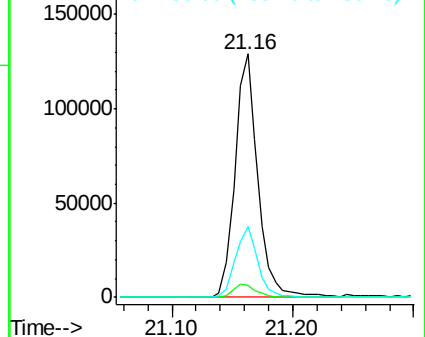
236 28.9 20.8 31.2



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: 0.50 ng

RT: 19.61 min Scan# 2880

Delta R.T. -0.07 min

Lab File: BG017636.D

Acq: 12 Jun 2015 9:22

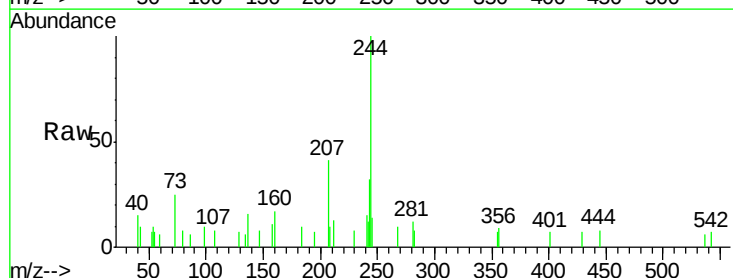
Tgt Ion:244 Resp: 4117

Ion Ratio Lower Upper

244 100

212 12.9 6.4 9.6#

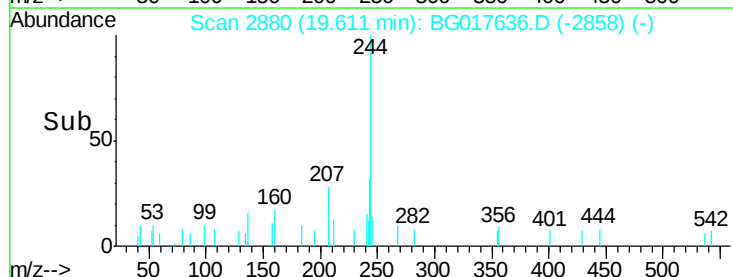
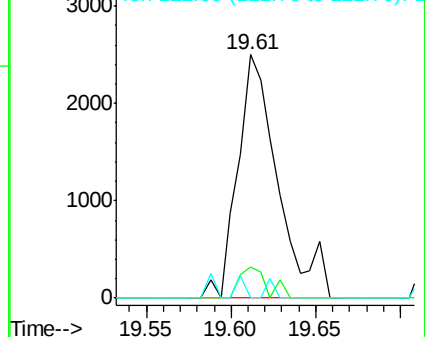
122 0.0 6.6 10.0#

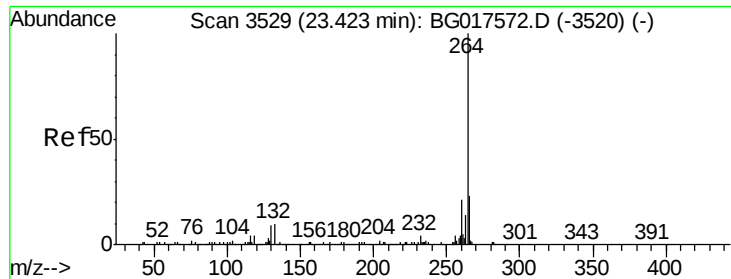


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.35 min Scan# 3517
Delta R.T. -0.12 min
Lab File: BG017636.D
Acq: 12 Jun 2015 9:22

Instrument :
BNA_G
ClientSampleId :
MW-14DL2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	19.9	15.8	23.6

