

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061515\
 Data File : BG017691.D
 Acq On : 15 Jun 2015 15:46
 Operator : TP/IZ
 Sample : G2522-23DL2 400X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-11CDL2

Quant Time: Jun 16 01:46:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:22:44 2015
 Response via : Initial Calibration

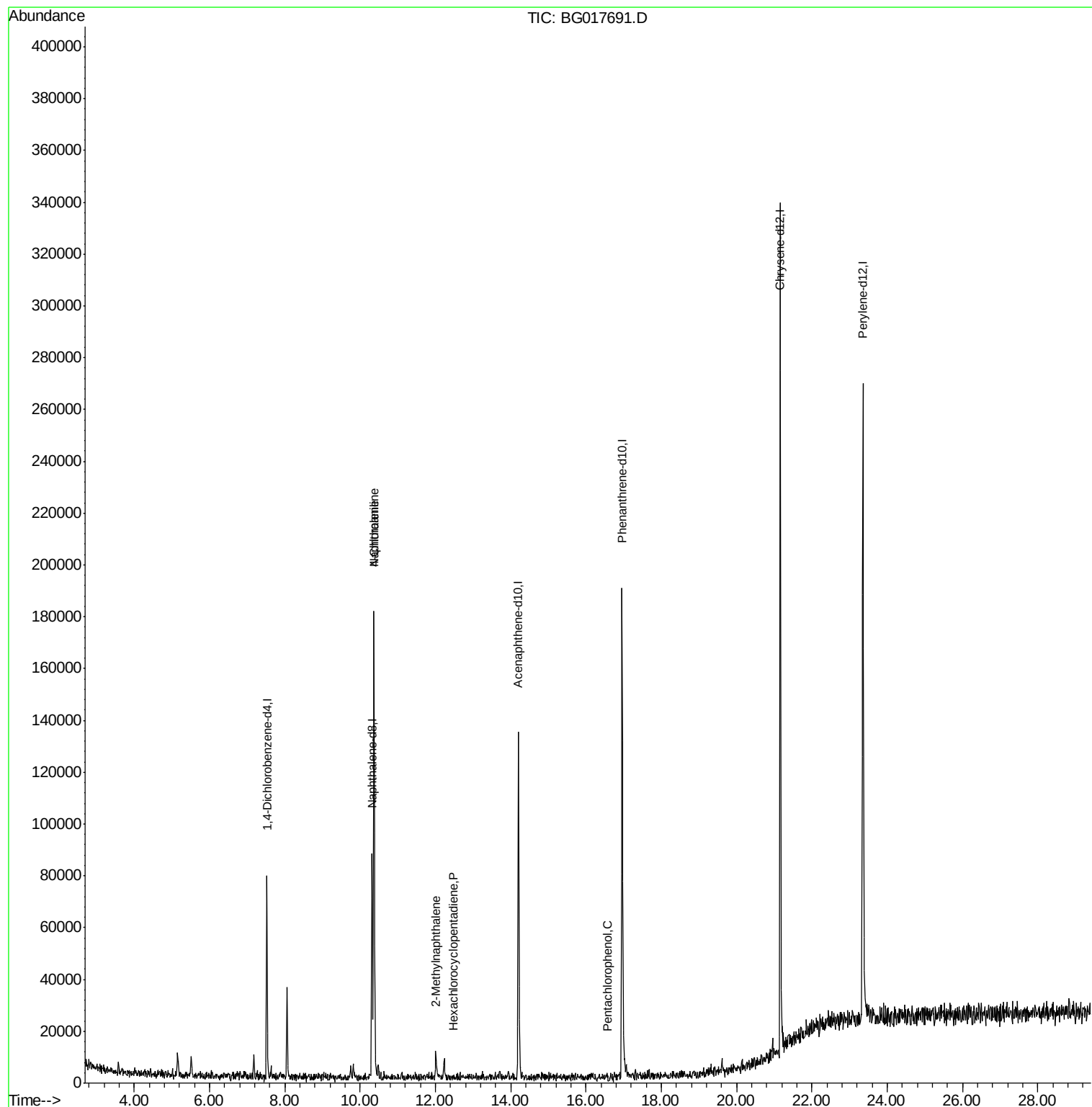
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	14780	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	58084	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	45111	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	130503	20.00	ng	0.00
75) Chrysene-d12	21.16	240	180208	20.00	ng	0.00
86) Perylene-d12	23.36	264	190051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	62	0.08	ng	0.07
7) Phenol-d6	6.68	99	92	0.08	ng	-0.05
23) Nitrobenzene-d5	8.76	82	67	0.05	ng	0.07
41) 2,4,6-Tribromophenol	15.76	330	72	0.09	ng	0.04
44) 2-Fluorobiphenyl	12.82	172	217	0.07	ng	0.00
78) Terphenyl-d14	19.62	244	2629	0.30	ng	0.00
Target Compounds						
31) Naphthalene	10.37	128	119571	38.14	ng	# 87
33) 4-Chloroaniline	10.37	127	17386	13.55	ng	# 37
37) 2-Methylnaphthalene	12.01	142	5523	2.20	ng	# 68
40) Hexachlorocyclopentadiene	12.49	237	66	5.11	ng	# 25
69) Pentachlorophenol	16.58	266	54	6.24	ng	# 17

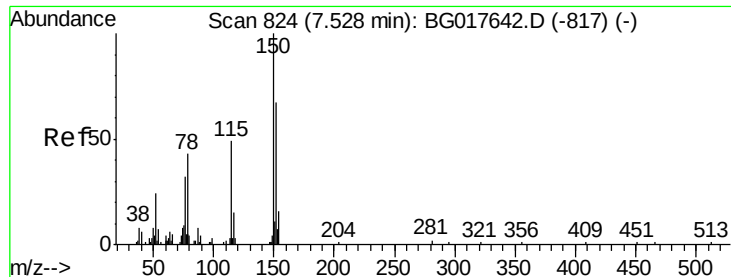
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 16 01:46:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 02:22:44 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

Instrument :

BNA_G

ClientSampleId :

MW-11CDL2

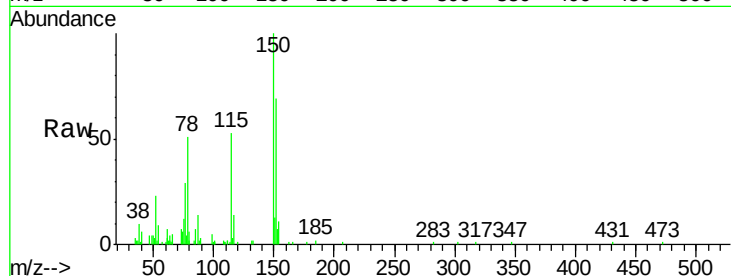
Tgt Ion:152 Resp: 14780

Ion Ratio Lower Upper

152 100

150 144.1 119.4 179.0

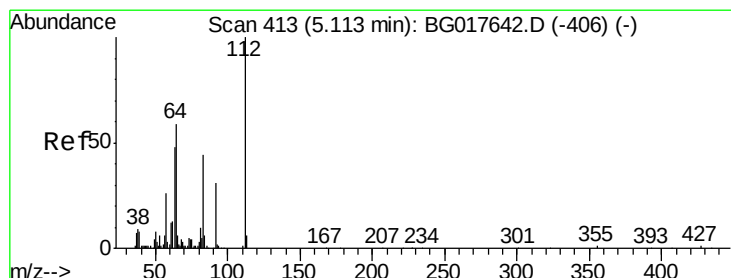
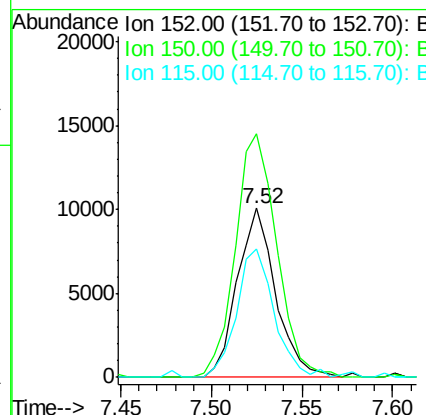
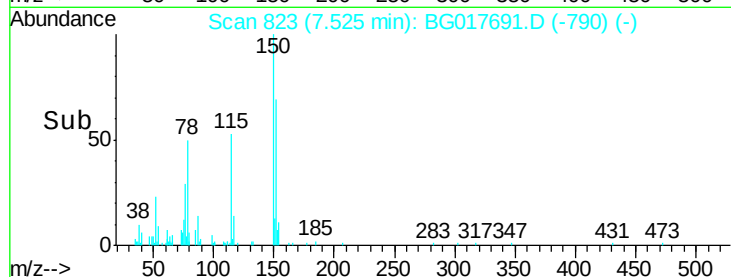
115 76.3 58.2 87.2



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: 0.08 ng

RT: 5.18 min Scan# 424

Delta R.T. 0.07 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

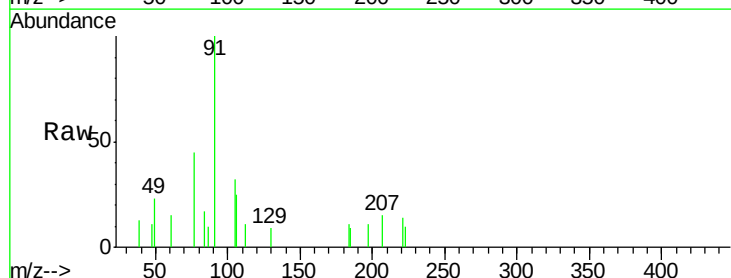
Tgt Ion:112 Resp: 62

Ion Ratio Lower Upper

112 100

64 0.0 47.0 70.6#

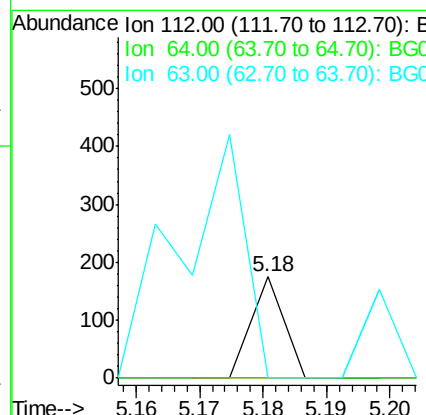
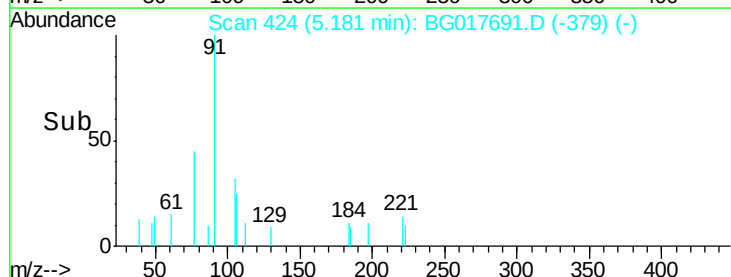
63 0.0 38.6 58.0#

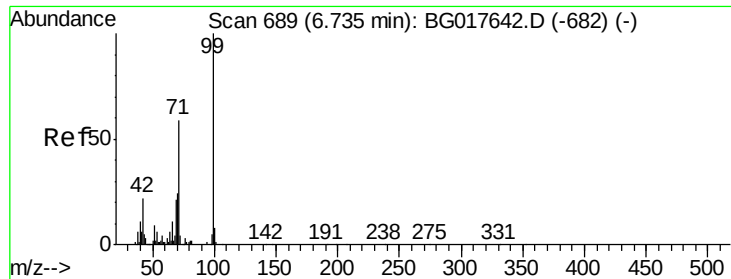


Abundance Ion 112.00 (111.70 to 112.70): E

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: 6.68 min Scan# 680

Delta R.T. -0.05 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

Instrument :

BNA_G

ClientSampleId :

MW-11CDL2

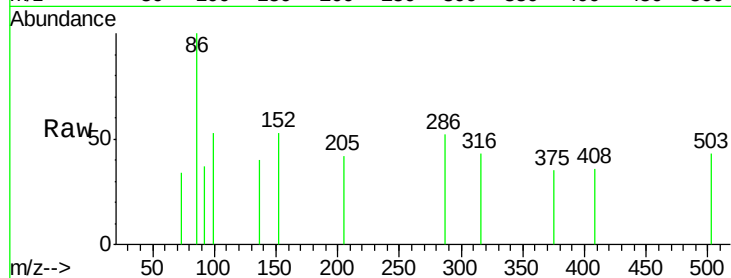
Tgt Ion: 99 Resp: 92

Ion Ratio Lower Upper

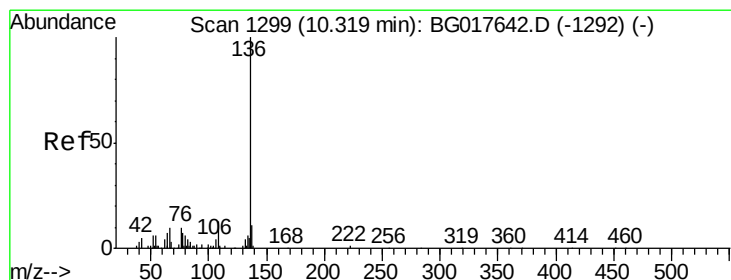
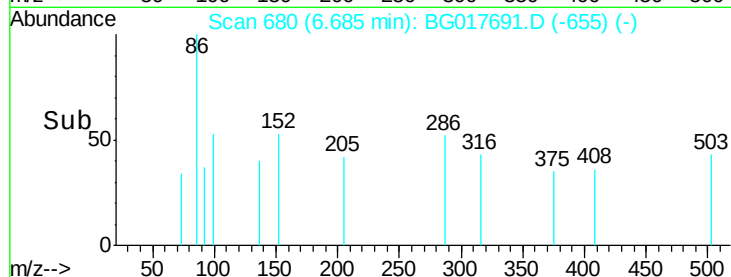
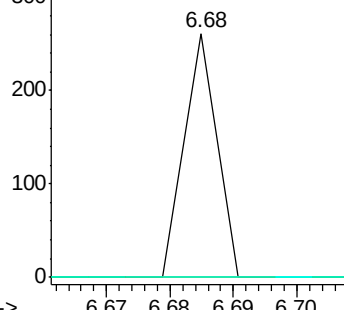
99 100

42 0.0 17.4 26.2#

71 0.0 47.4 71.0#



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# 1298

Delta R.T. -0.00 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

Tgt Ion: 136 Resp: 58084

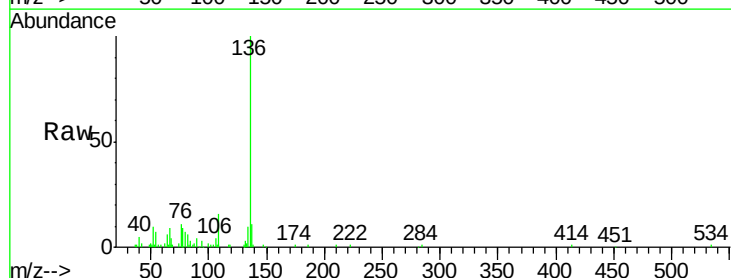
Ion Ratio Lower Upper

136 100

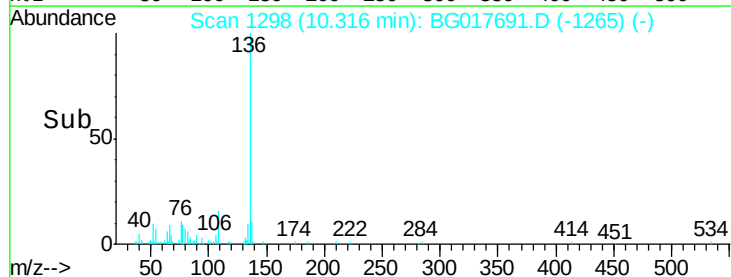
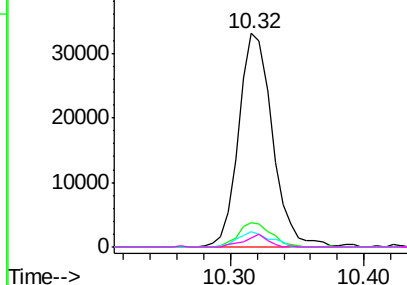
137 11.4 8.7 13.1

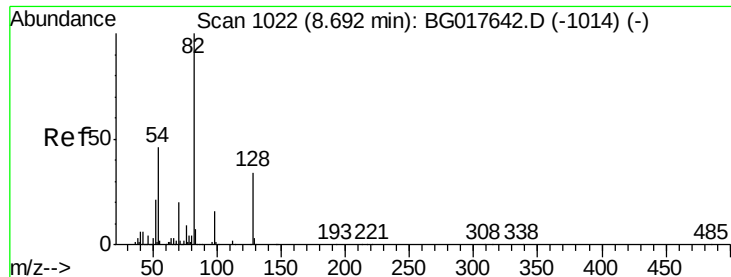
54 7.0 4.7 7.1

68 4.3 2.4 3.6#



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

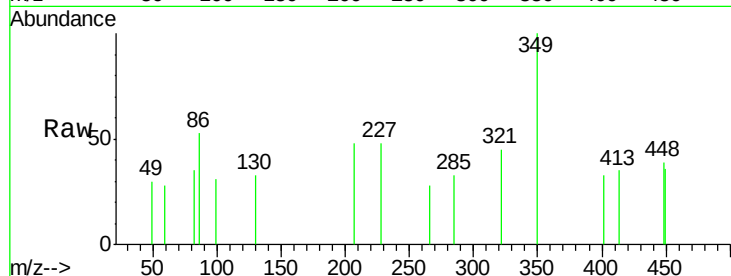




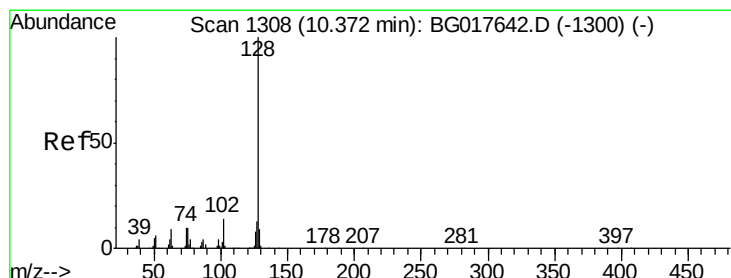
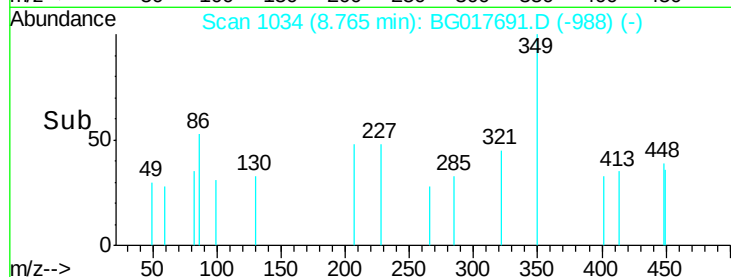
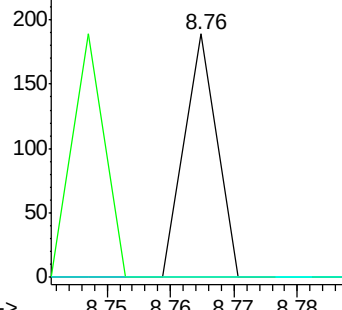
#23
 Nitrobenzene-d5
 Concen: 0.05 ng
 RT: 8.76 min Scan# 1034
 Delta R.T. 0.07 min
 Lab File: BG017691.D
 Acq: 15 Jun 2015 15:46

Instrument :
 BNA_G
 ClientSampleId :
 MW-11CDL2

Tgt Ion: 82 Resp: 67
 Ion Ratio Lower Upper
 82 100
 128 0.0 27.3 40.9#
 54 0.0 37.0 55.4#

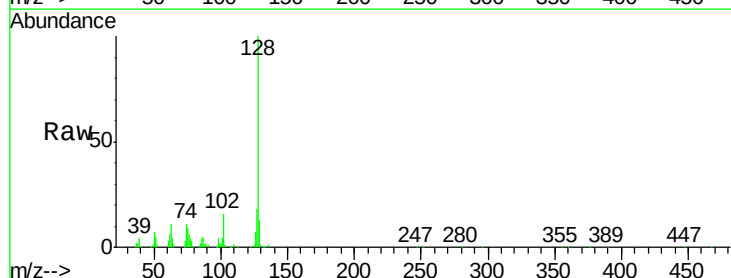


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

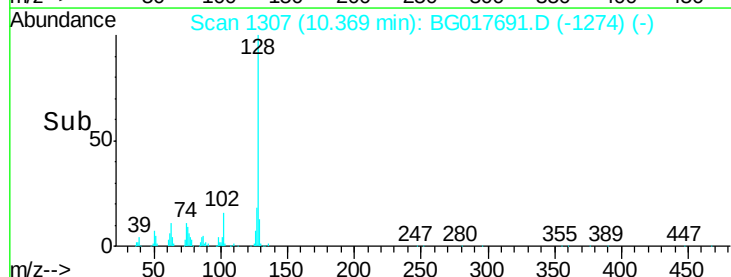
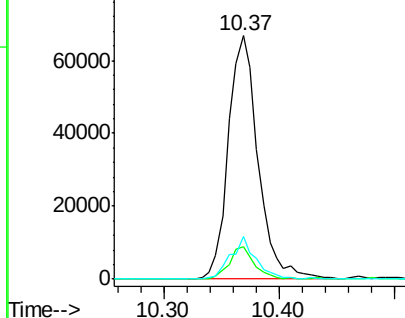


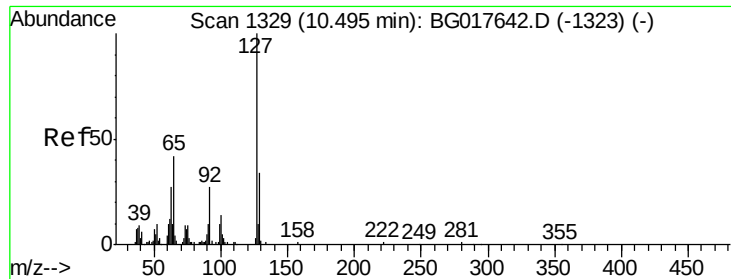
#31
 Naphthalene
 Concen: 38.14 ng
 RT: 10.37 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BG017691.D
 Acq: 15 Jun 2015 15:46

Tgt Ion: 128 Resp: 119571
 Ion Ratio Lower Upper
 128 100
 129 13.5 7.0 10.4#
 127 17.7 10.2 15.2#



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

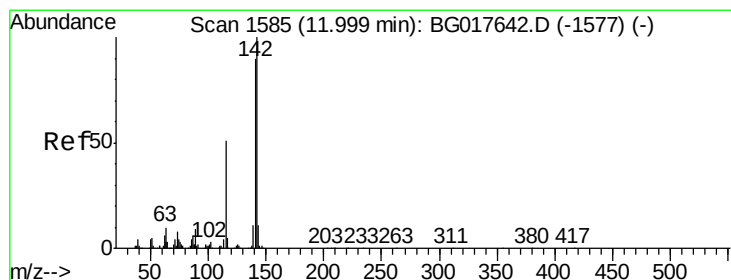
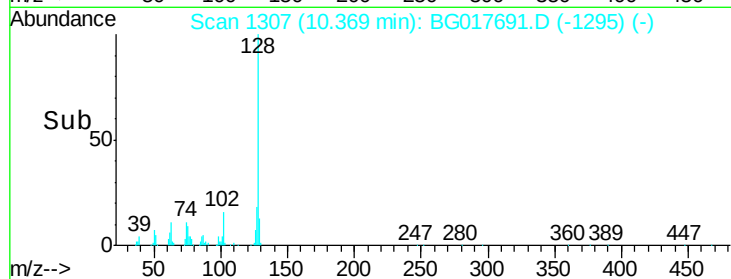
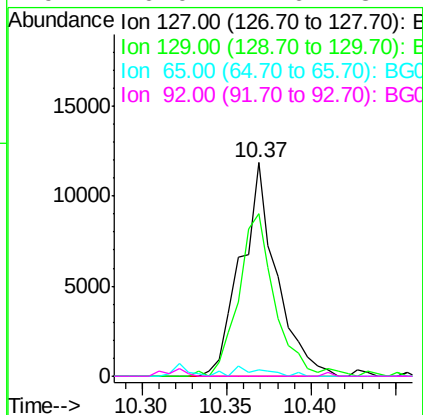
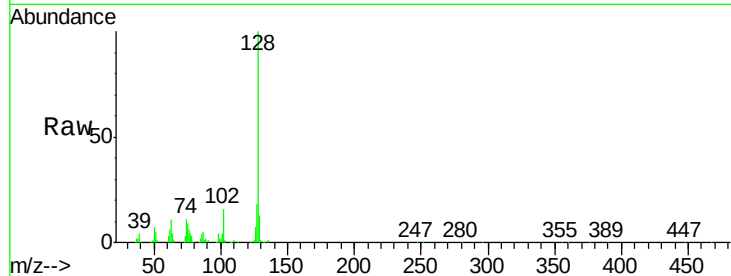




#33
4-Chloroaniline
Concen: 13.55 ng
RT: 10.37 min Scan# 1307
Delta R.T. -0.13 min
Lab File: BG017691.D
Acq: 15 Jun 2015 15:46

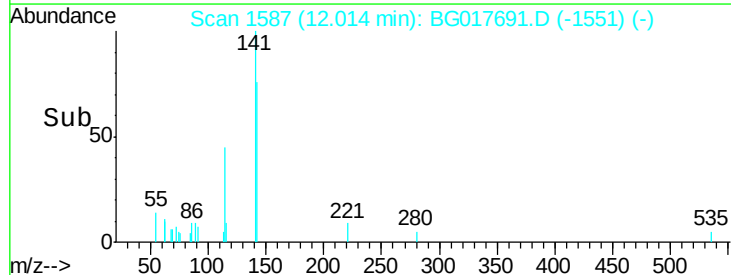
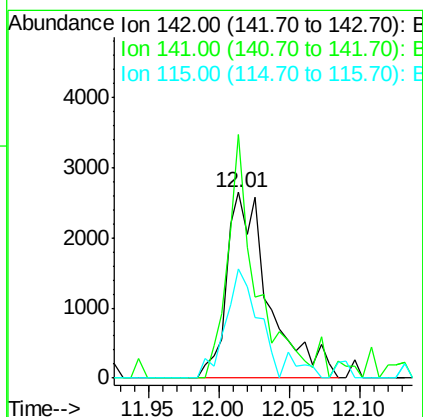
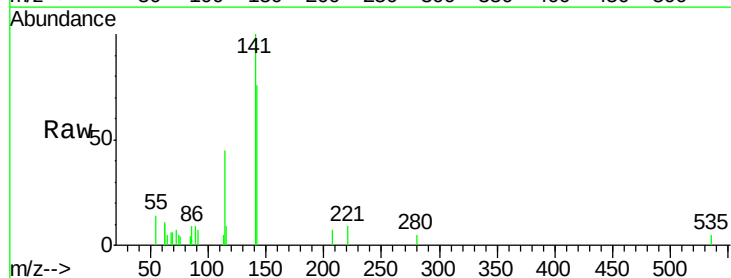
Instrument :
BNA_G
ClientSampleId :
MW-11CDL2

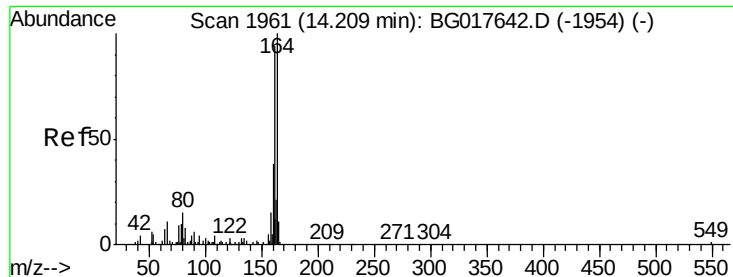
Tgt Ion	Ratio	Lower	Upper
127	100		
129	76.0	27.4	41.2#
65	3.0	33.8	50.8#
92	0.0	21.6	32.4#



#37
2-Methylnaphthalene
Concen: 2.20 ng
RT: 12.01 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BG017691.D
Acq: 15 Jun 2015 15:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	131.0	71.8	107.8#
115	58.5	41.0	61.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.21 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

Instrument :

BNA_G

ClientSampleId :

MW-11CDL2

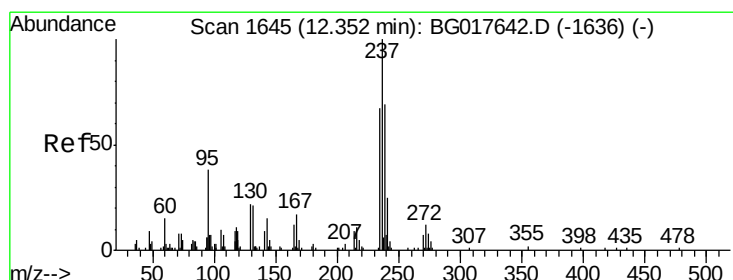
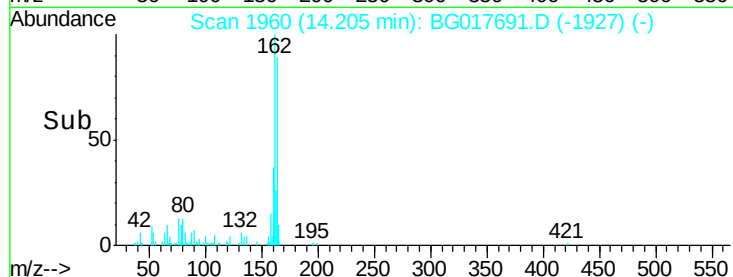
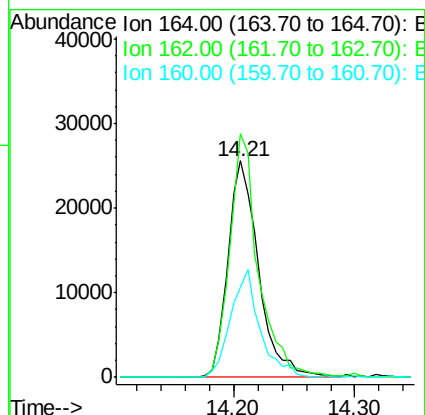
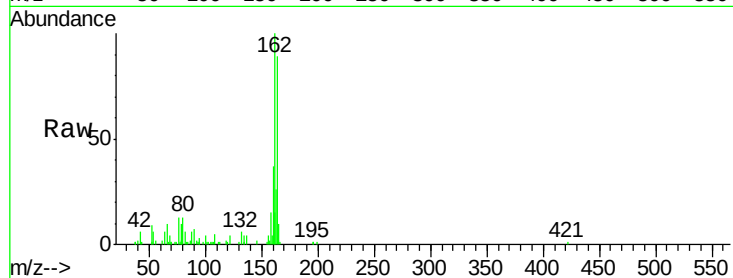
Tgt Ion:164 Resp: 45111

Ion Ratio Lower Upper

164 100

162 112.6 75.0 112.4#

160 41.7 30.3 45.5



#40

Hexachlorocyclopentadiene

Concen: 5.11 ng

RT: 12.49 min Scan# 1668

Delta R.T. 0.14 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

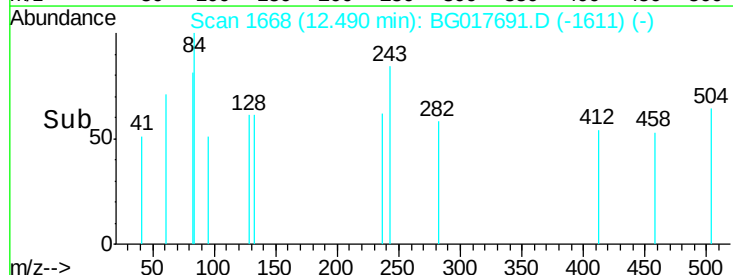
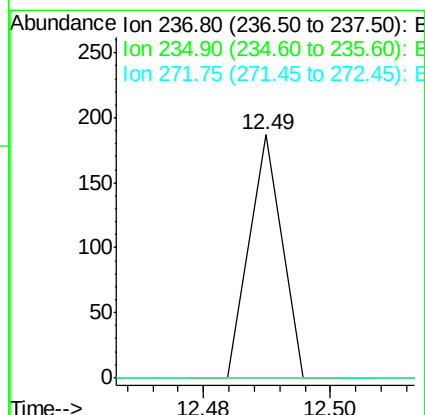
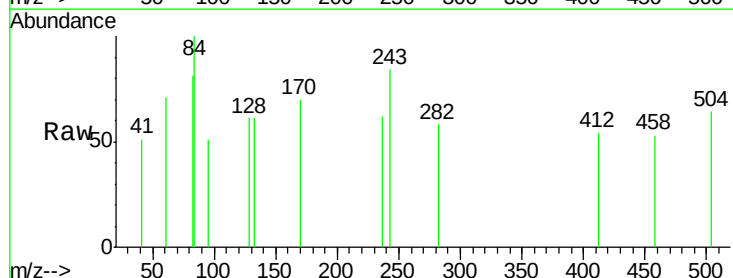
Tgt Ion:237 Resp: 66

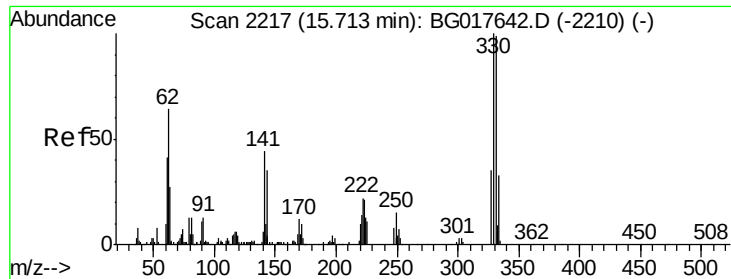
Ion Ratio Lower Upper

237 100

235 0.0 46.6 86.6#

272 0.0 0.0 32.3





#41

2,4,6-Tribromophenol

Concen: 0.09 ng

RT: 15.76 min Scan# 2224

Delta R.T. 0.04 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

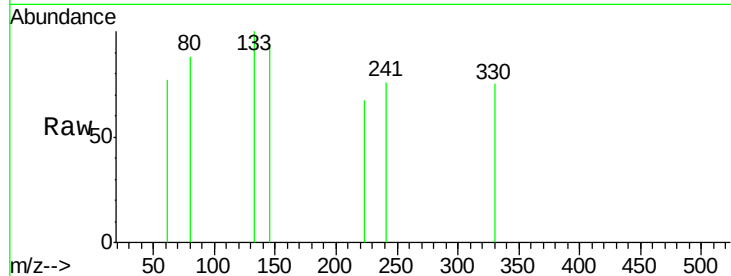
Instrument :

BNA_G

ClientSampleId :

MW-11CDL2

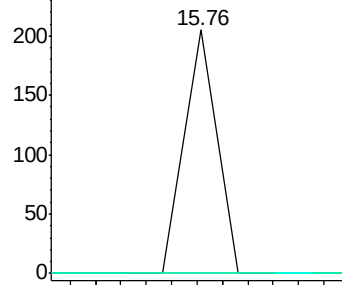
Tgt Ion:	330	Resp:	72
Ion Ratio	Lower	Upper	
330	100		
332	0.0	76.6	114.8#
141	0.0	34.6	51.8#



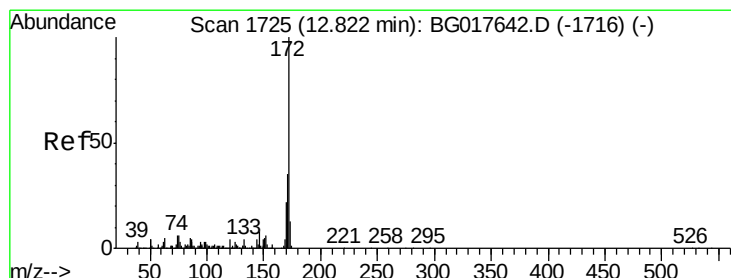
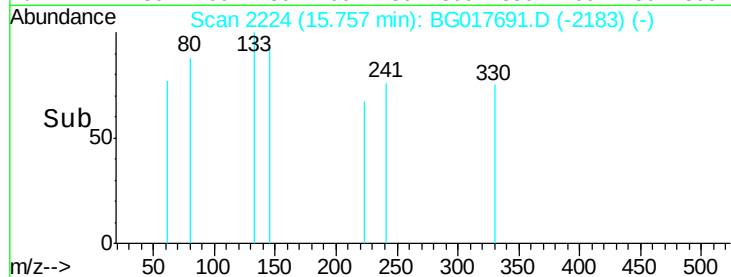
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#44

2-Fluorobiphenyl

Concen: 0.07 ng

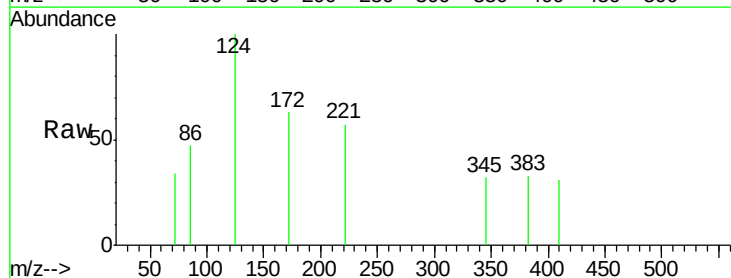
RT: 12.82 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

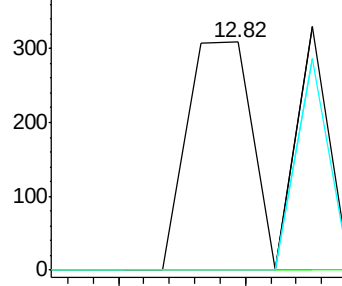
Tgt Ion:	172	Resp:	217
Ion Ratio	Lower	Upper	
172	100		
171	0.0	28.2	42.2#
170	0.0	17.4	26.2#



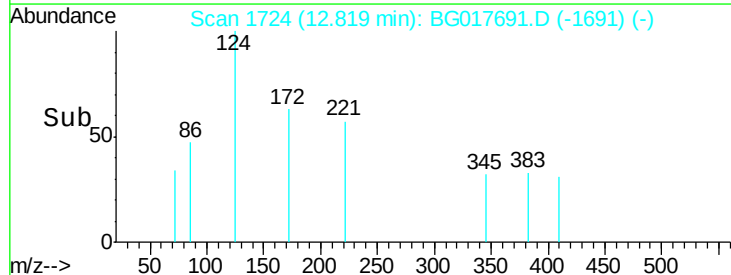
Abundance Ion 172.00 (171.70 to 172.70): E

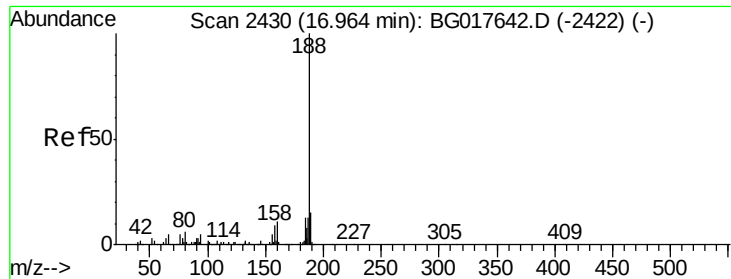
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.97 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

Instrument :

BNA_G

ClientSampleId :

MW-11CDL2

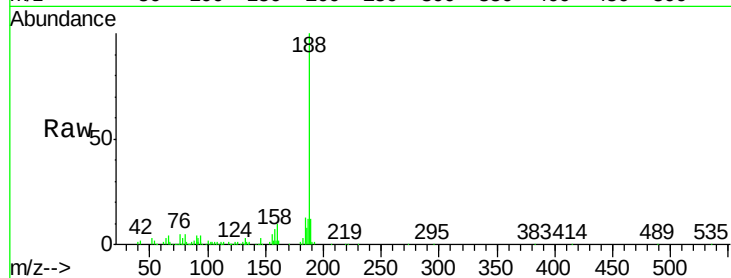
Tgt Ion:188 Resp: 130503

Ion Ratio Lower Upper

188 100

94 4.5 3.9 5.9

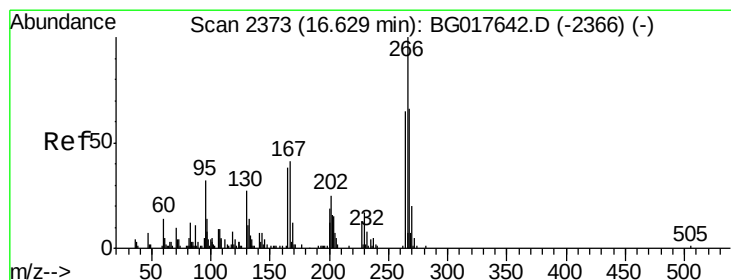
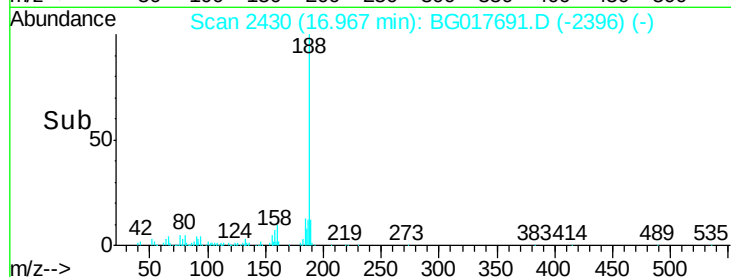
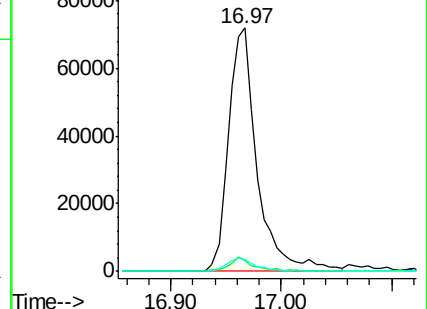
80 4.8 5.0 7.6#



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: 6.24 ng

RT: 16.58 min Scan# 2365

Delta R.T. -0.04 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

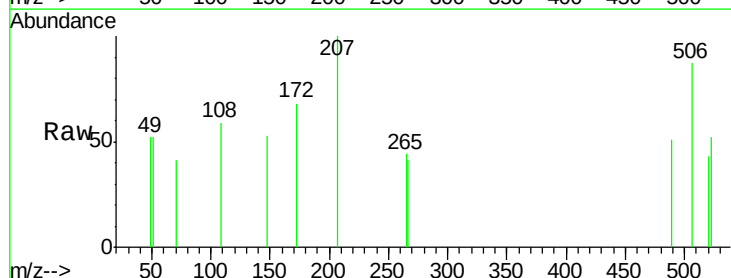
Tgt Ion:266 Resp: 54

Ion Ratio Lower Upper

266 100

268 0.0 52.7 79.1#

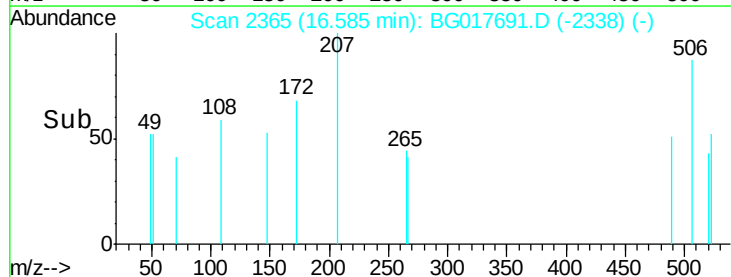
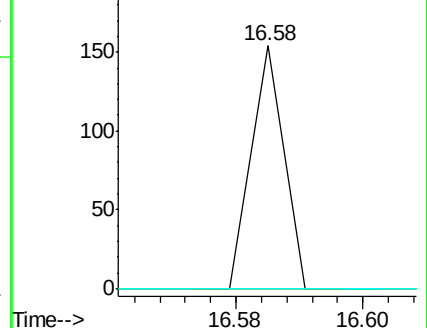
264 0.0 52.2 78.4#

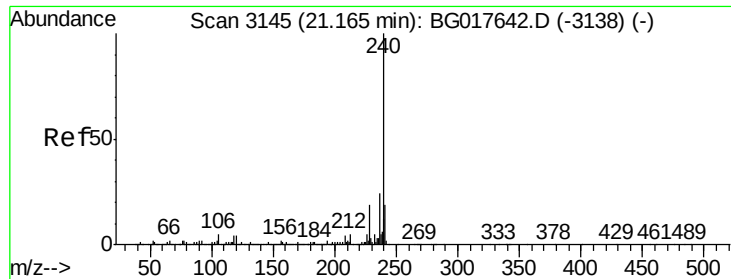


Abundance Ion 265.70 (265.40 to 266.40): E

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. -0.00 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

Instrument :

BNA_G

ClientSampleId :

MW-11CDL2

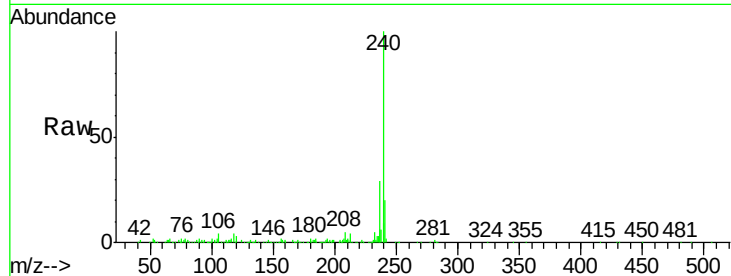
Tgt Ion:240 Resp: 180208

Ion Ratio Lower Upper

240 100

120 3.4 3.5 5.3#

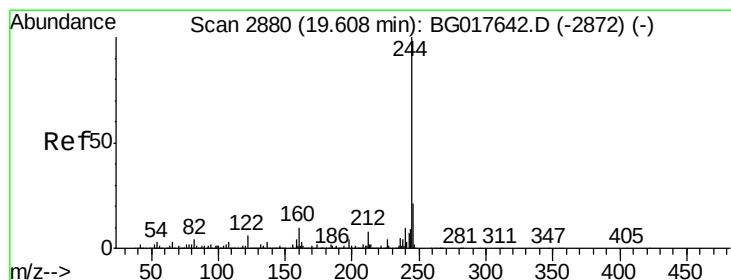
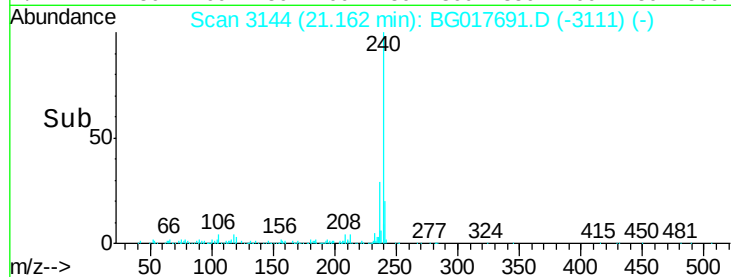
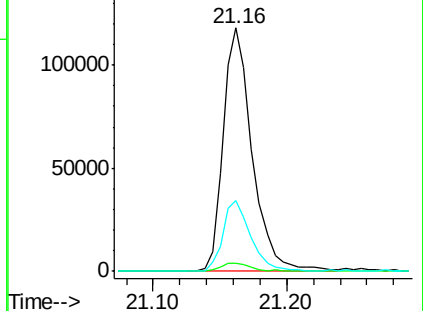
236 29.2 19.5 29.3



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: 0.30 ng

RT: 19.62 min Scan# 2881

Delta R.T. 0.01 min

Lab File: BG017691.D

Acq: 15 Jun 2015 15:46

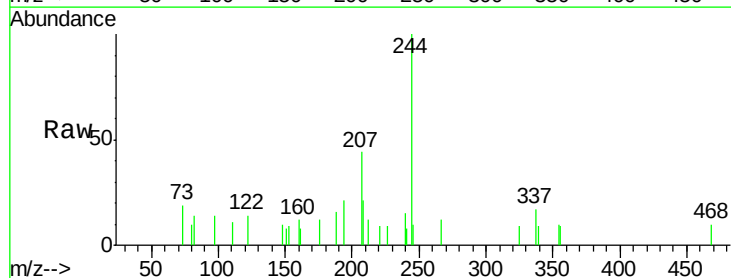
Tgt Ion:244 Resp: 2629

Ion Ratio Lower Upper

244 100

212 12.4 6.3 9.5#

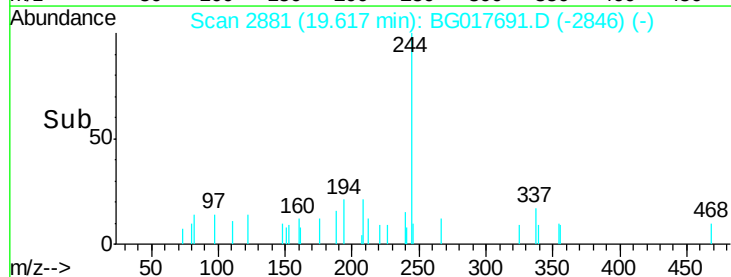
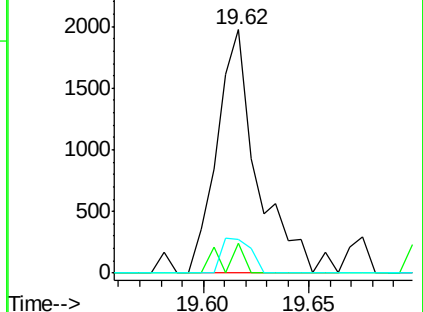
122 14.1 4.6 6.8#

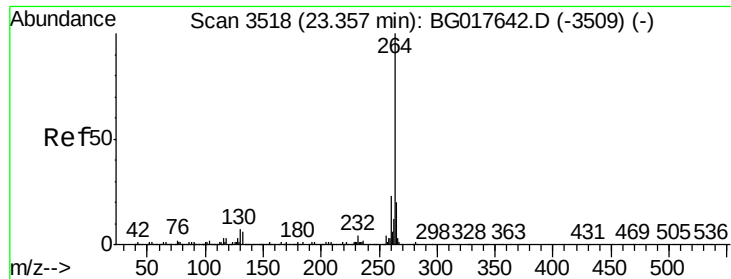


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.36 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG017691.D
Acq: 15 Jun 2015 15:46

Instrument :
BNA_G
ClientSampleId :
MW-11CDL2

Tgt Ion:	264	Resp:	190051
Ion	Ratio	Lower	Upper
264	100		
260	20.6	18.3	27.5
265	19.6	16.2	24.2

