

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017656.D
 Acq On : 13 Jun 2015 3:44
 Operator : TP/IZ
 Sample : G2627-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-17

Quant Time: Jun 13 05:10:37 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 05:04:30 2015
 Response via : Initial Calibration

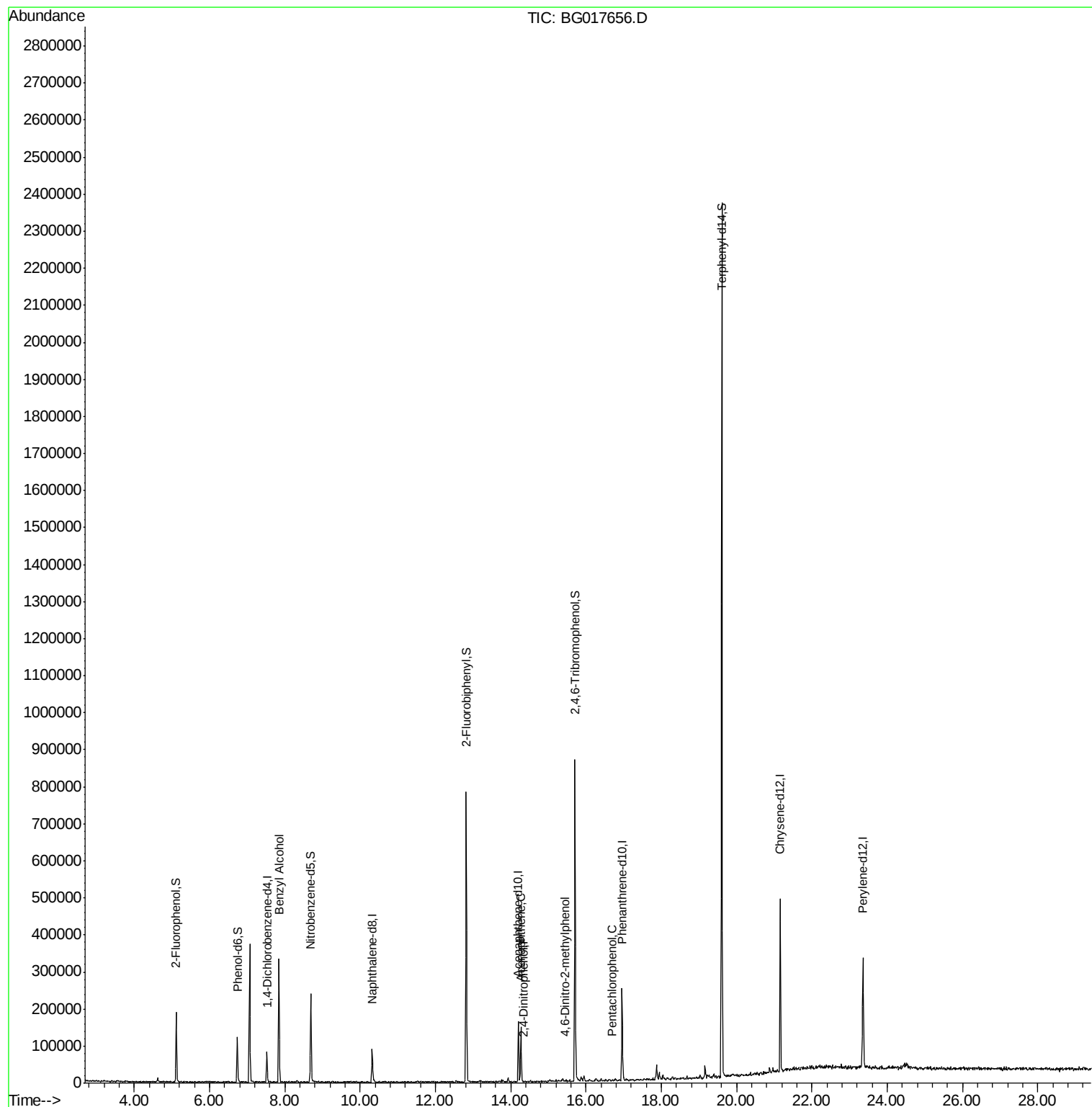
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	14536	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	60252	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	45093	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	134514	20.00	ng	0.00
75) Chrysene-d12	21.16	240	213671	20.00	ng	0.00
86) Perylene-d12	23.36	264	218074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	61612	82.09	ng	0.00
7) Phenol-d6	6.74	99	54576	49.63	ng	0.00
23) Nitrobenzene-d5	8.69	82	133762	93.19	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	128681	165.32	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	326733	100.21	ng	0.00
78) Terphenyl-d14	19.61	244	942303	92.00	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.84	79	3610	2.98	ng	Qvalue # 69
51) Acenaphthene	14.27	154	46352	16.74	ng	91
53) 2,4-Dinitrophenol	14.34	184	116	6.12	ng	# 13
64) 4,6-Dinitro-2-methylphenol	15.45	198	53	5.30	ng	# 1
69) Pentachlorophenol	16.69	266	54	6.24	ng	# 17

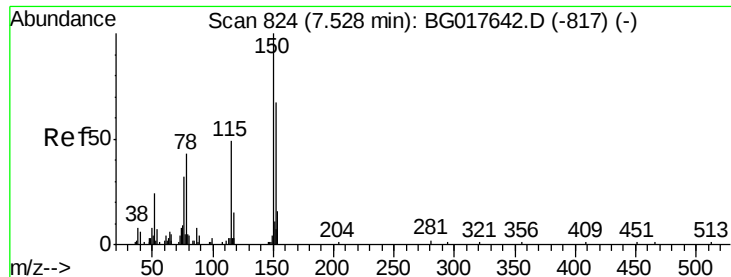
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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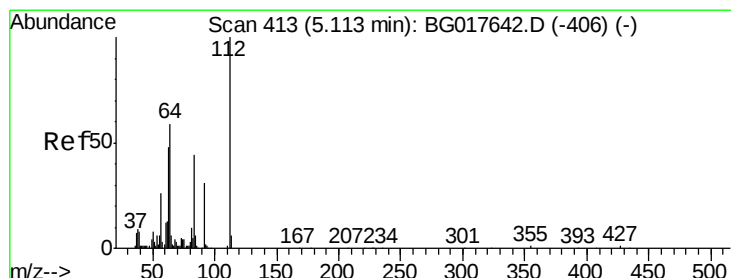
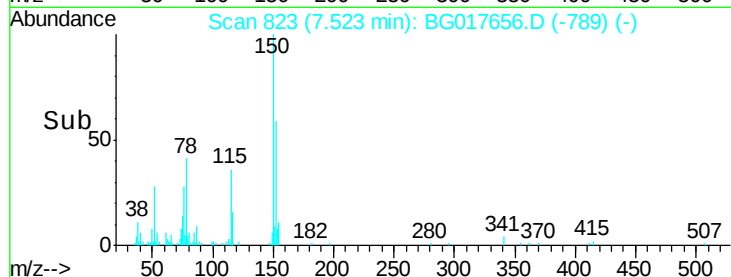
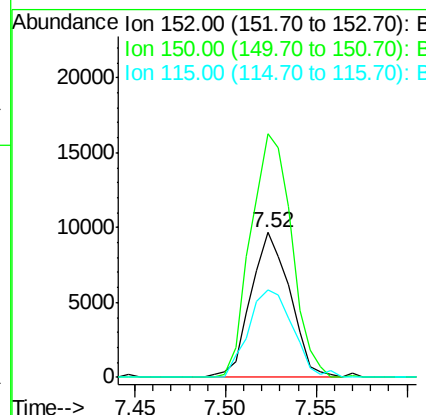
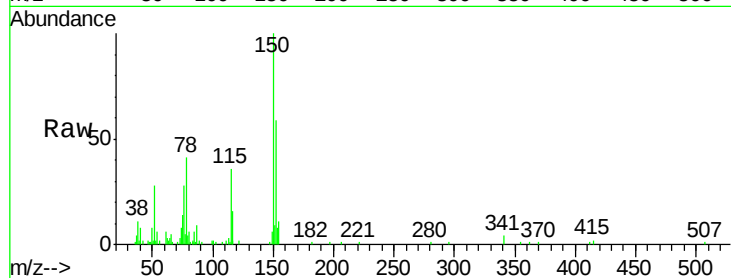


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG017656.D
Acq: 13 Jun 2015 3:44

Instrument :
BNA_G
ClientSampleId :
MW-17

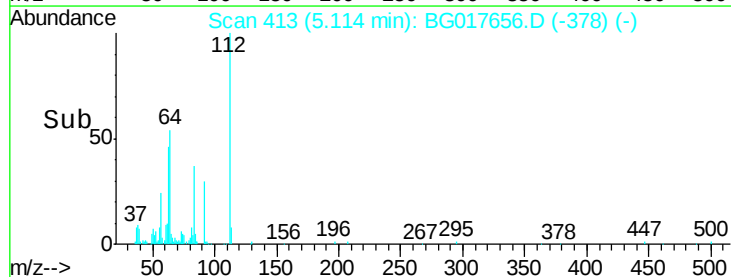
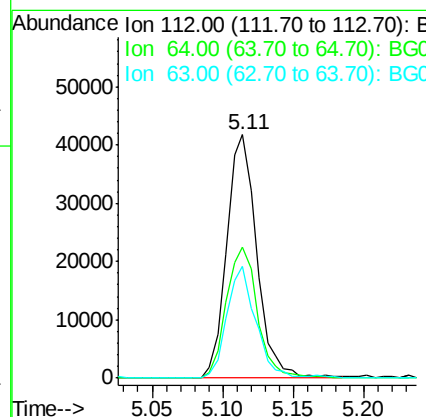
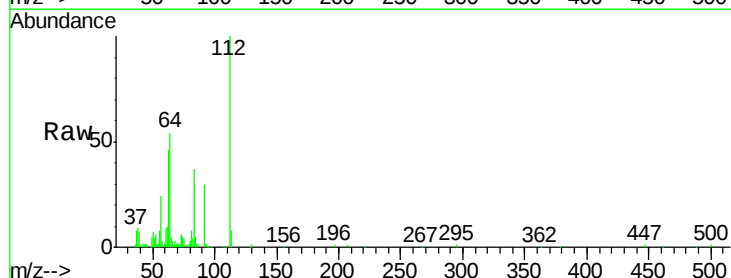
Tgt Ion:152 Resp: 14536
Ion Ratio Lower Upper
152 100
150 168.4 119.4 179.0
115 60.5 58.2 87.2

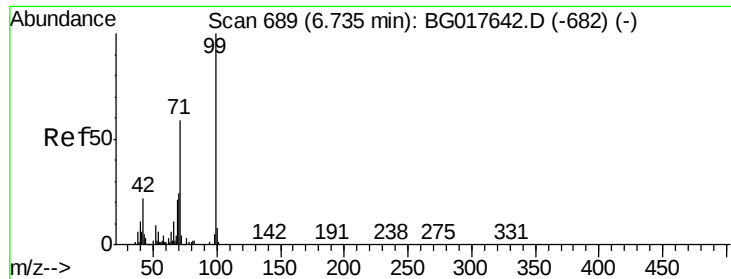


#5

2-Fluorophenol
Concen: 82.09 ng
RT: 5.11 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG017656.D
Acq: 13 Jun 2015 3:44

Tgt Ion:112 Resp: 61612
Ion Ratio Lower Upper
112 100
64 53.9 47.0 70.6
63 45.8 38.6 58.0





#7

Phenol-d6

Concen: 49.63 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017656.D

Acq: 13 Jun 2015 3:44

Instrument :

BNA_G

ClientSampleId :

MW-17

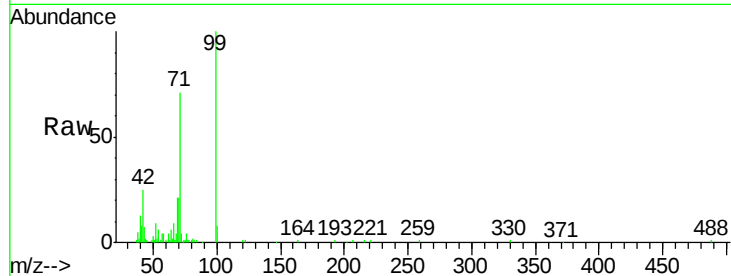
Tgt Ion: 99 Resp: 54576

Ion Ratio Lower Upper

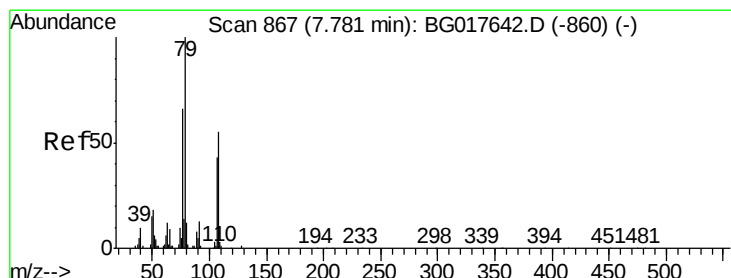
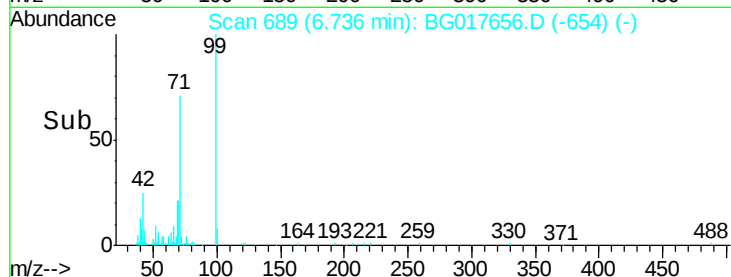
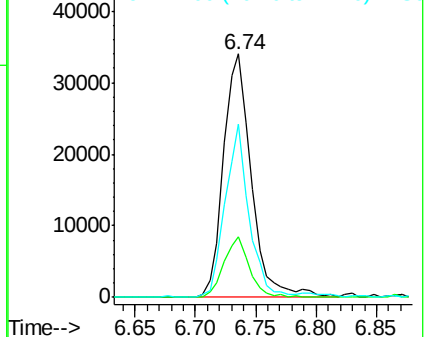
99 100

42 24.8 17.4 26.2

71 71.0 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



#15

Benzyl Alcohol

Concen: 2.98 ng

RT: 7.84 min Scan# 877

Delta R.T. 0.06 min

Lab File: BG017656.D

Acq: 13 Jun 2015 3:44

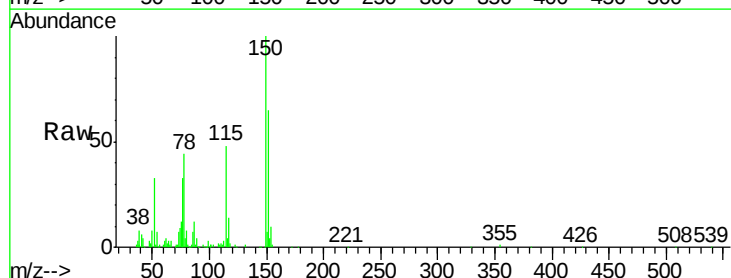
Tgt Ion: 79 Resp: 3610

Ion Ratio Lower Upper

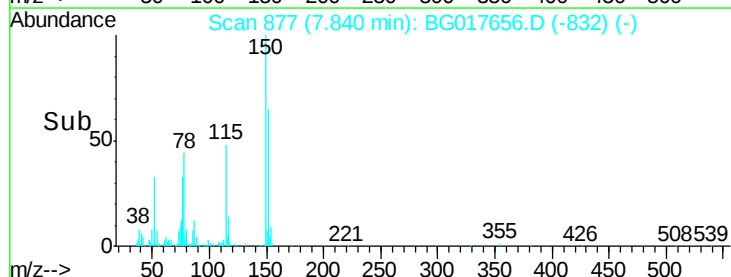
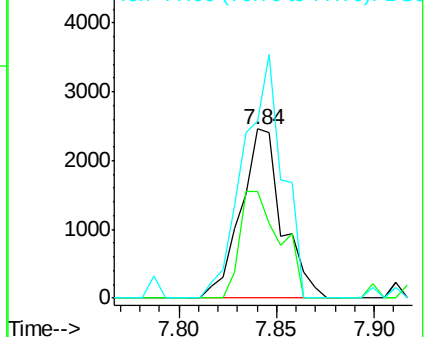
79 100

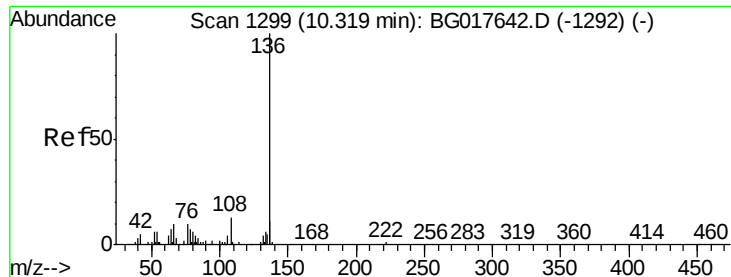
108 62.9 44.6 67.0

77 105.3 53.1 79.7#



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

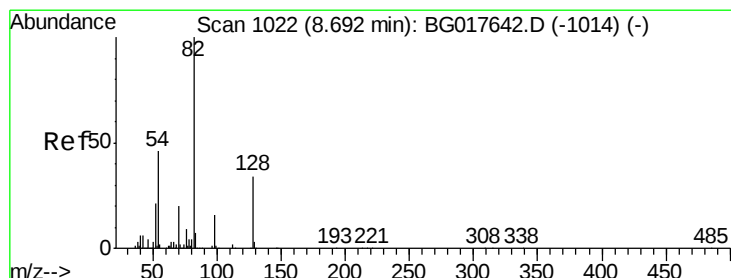
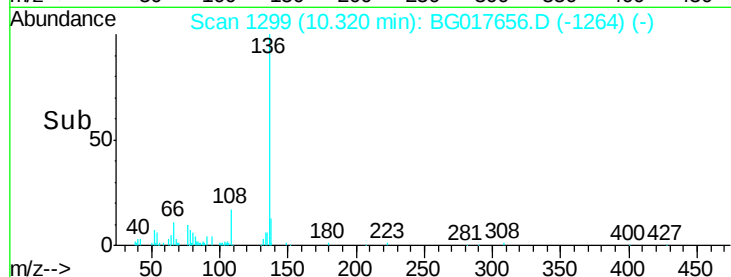
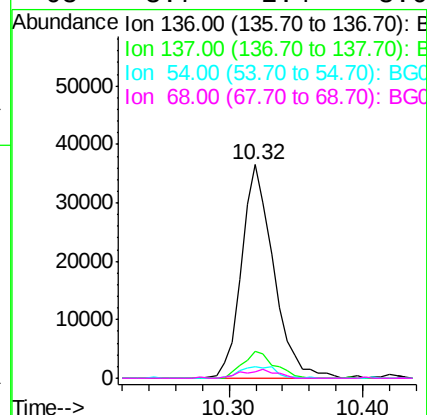
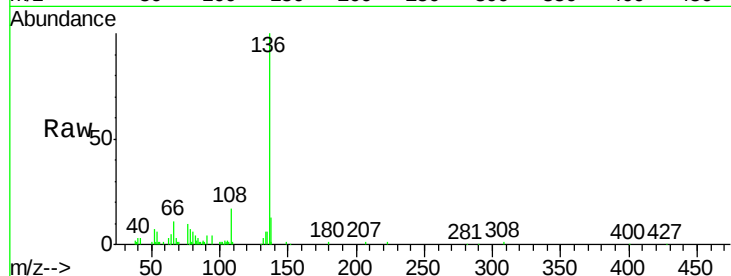




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017656.D
Acq: 13 Jun 2015 3:44

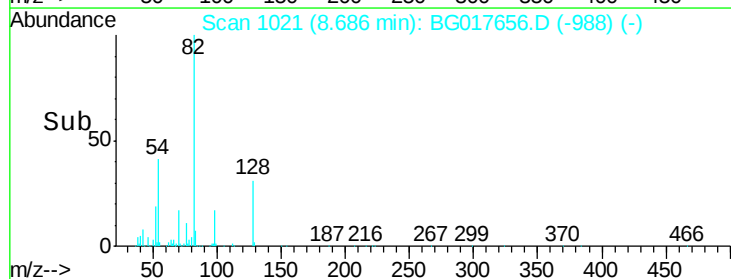
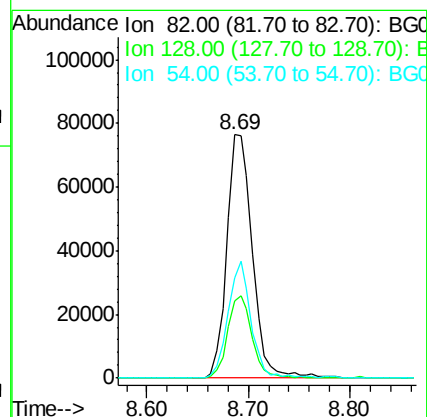
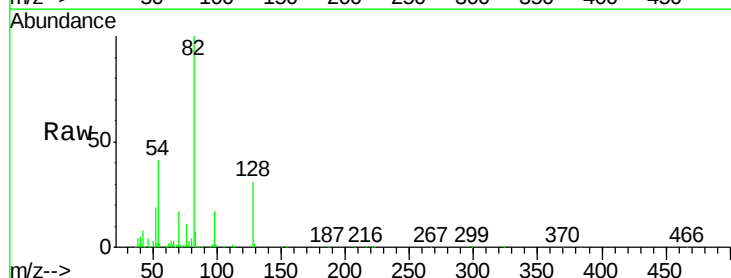
Instrument :
BNA_G
ClientSampled :
MW-17

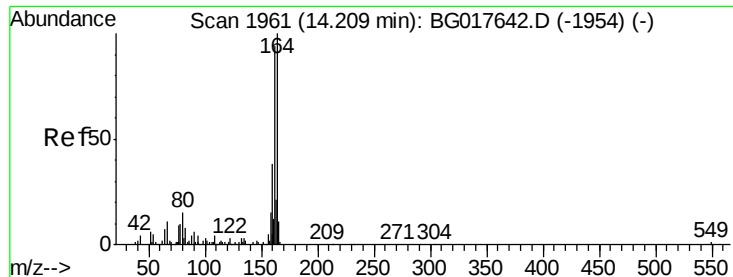
Tgt Ion:	136	Resp:	60252
Ion	Ratio	Lower	Upper
136	100		
137	12.8	8.7	13.1
54	5.6	4.7	7.1
68	3.7	2.4	3.6



#23
Nitrobenzene-d5
Concen: 93.19 ng
RT: 8.69 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG017656.D
Acq: 13 Jun 2015 3:44

Tgt Ion:	82	Resp:	133762
Ion	Ratio	Lower	Upper
82	100		
128	31.5	27.3	40.9
54	41.3	37.0	55.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.20 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG017656.D

Acq: 13 Jun 2015 3:44

Instrument :

BNA_G

ClientSampleId :

MW-17

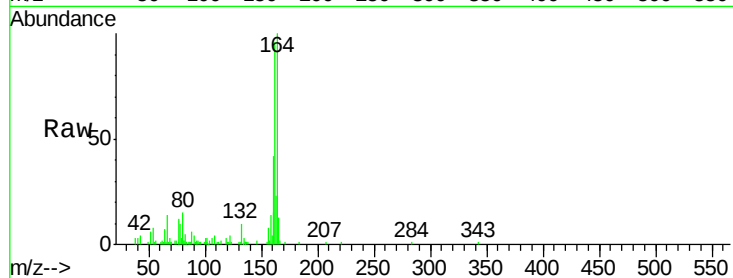
Tgt Ion:164 Resp: 45093

Ion Ratio Lower Upper

164 100

162 96.3 75.0 112.4

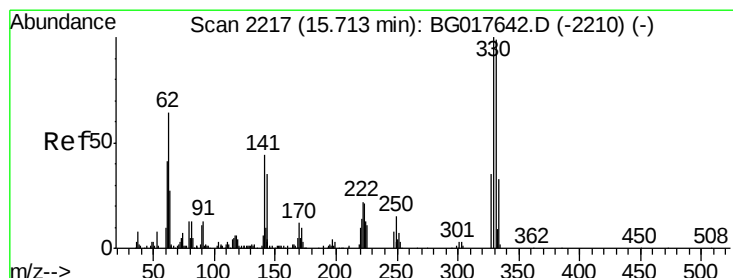
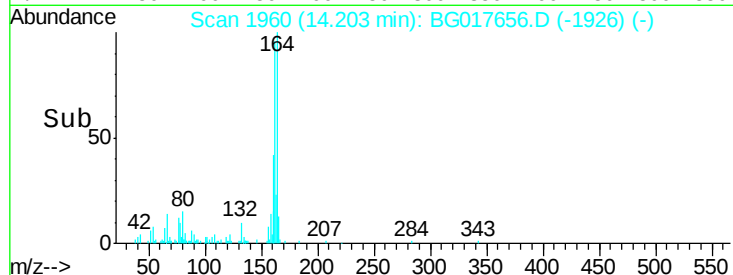
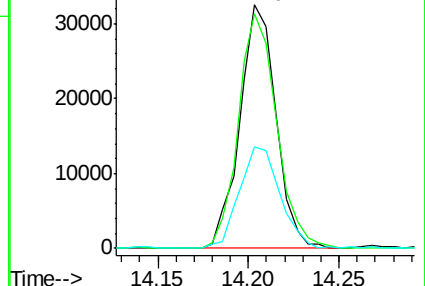
160 41.9 30.3 45.5



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: 165.32 ng

RT: 15.71 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG017656.D

Acq: 13 Jun 2015 3:44

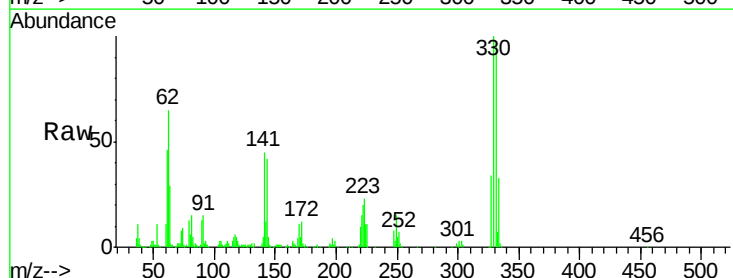
Tgt Ion:330 Resp: 128681

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

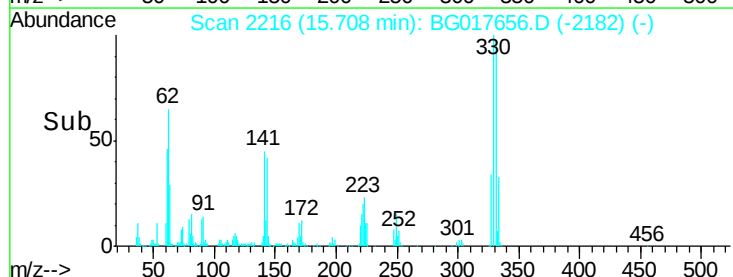
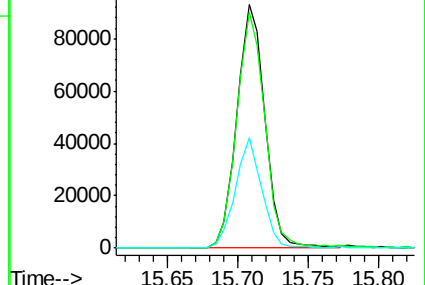
141 42.8 34.6 51.8

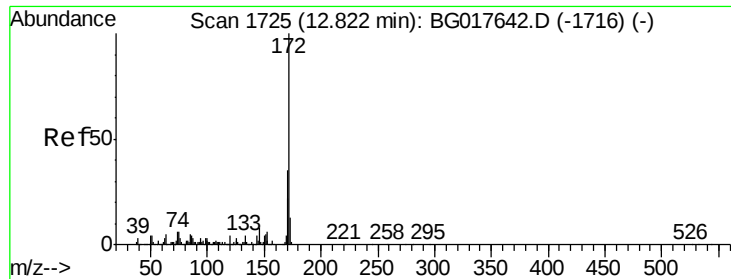


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

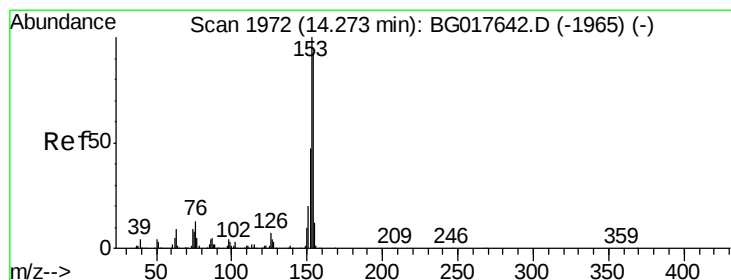
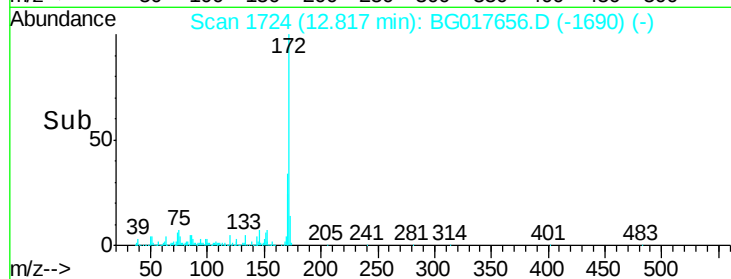
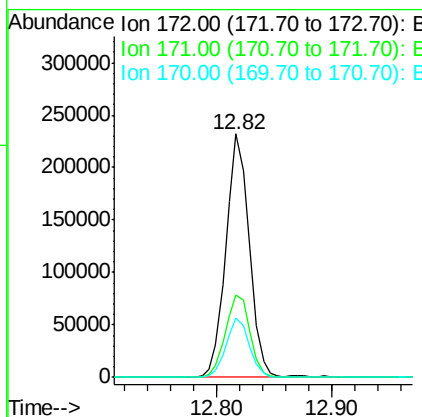
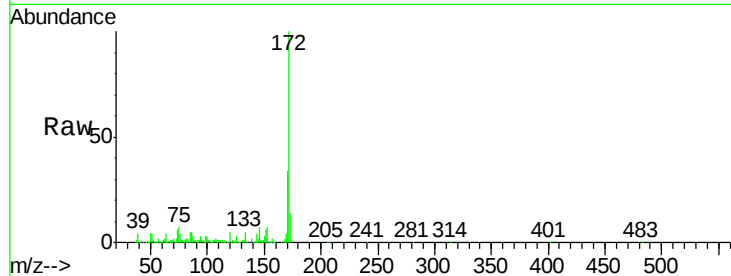




#44
 2-Fluorobiphenyl
 Concen: 100.21 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017656.D
 Acq: 13 Jun 2015 3:44

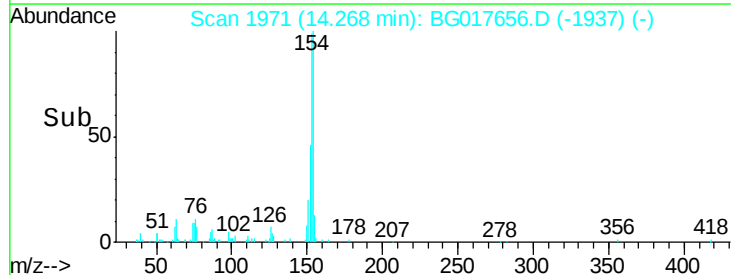
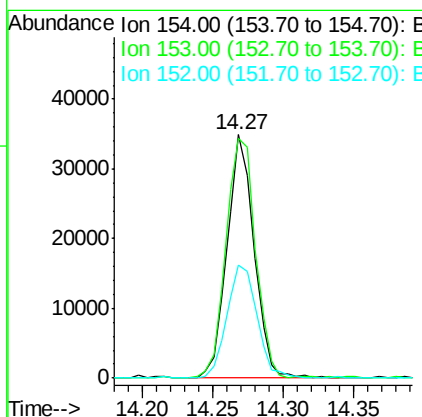
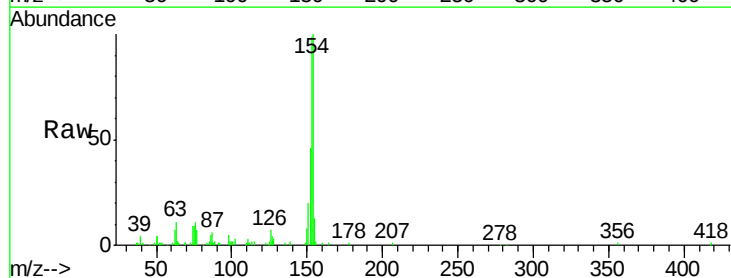
Instrument :
 BNA_G
 ClientSampleId :
 MW-17

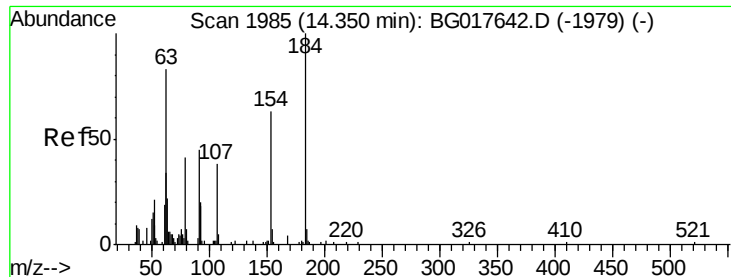
Tgt Ion:172 Resp: 326733
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.2 42.2
 170 24.3 17.4 26.2



#51
 Acenaphthene
 Concen: 16.74 ng
 RT: 14.27 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG017656.D
 Acq: 13 Jun 2015 3:44

Tgt Ion:154 Resp: 46352
 Ion Ratio Lower Upper
 154 100
 153 98.7 87.2 130.8
 152 46.4 41.0 61.4





#53

2,4-Dinitrophenol

Concen: 6.12 ng

RT: 14.34 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG017656.D

Acq: 13 Jun 2015 3:44

Instrument :

BNA_G

ClientSampleId :

MW-17

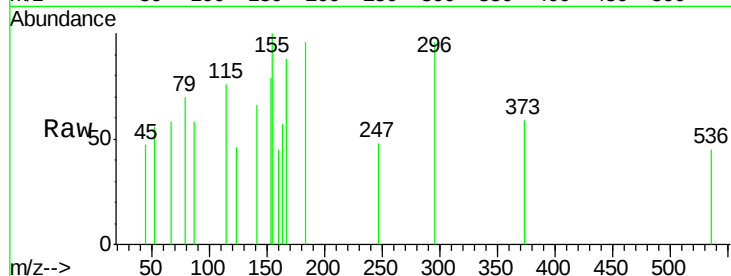
Tgt Ion:184 Resp: 116

Ion Ratio Lower Upper

184 100

63 0.0 66.5 99.7#

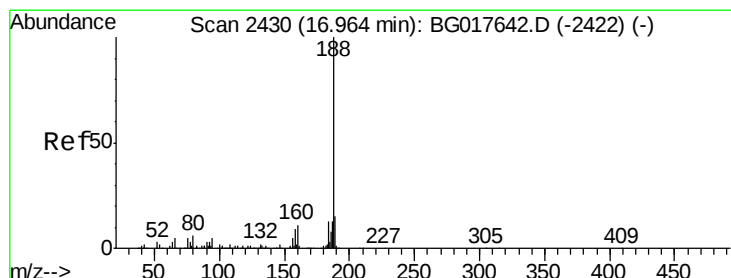
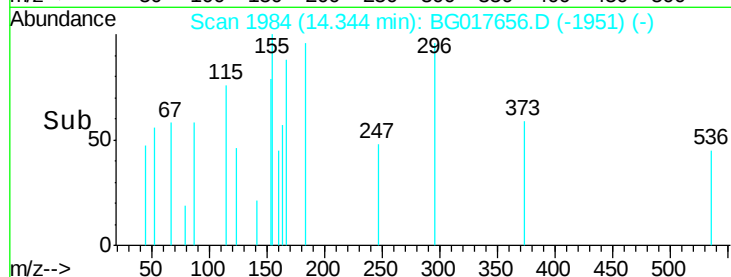
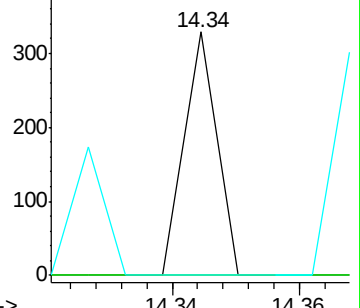
154 0.0 50.5 75.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

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. -0.00 min

Lab File: BG017656.D

Acq: 13 Jun 2015 3:44

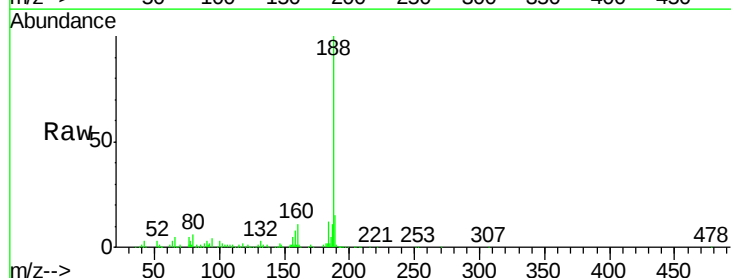
Tgt Ion:188 Resp: 134514

Ion Ratio Lower Upper

188 100

94 4.4 3.9 5.9

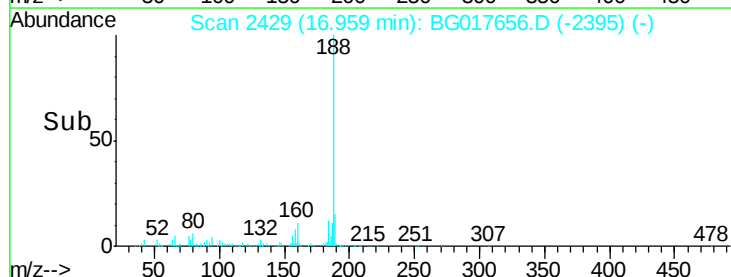
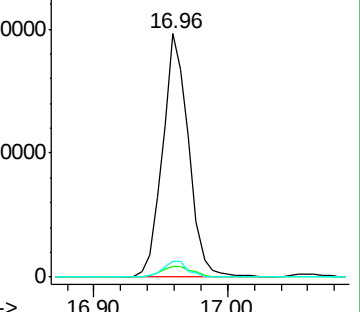
80 6.3 5.0 7.6

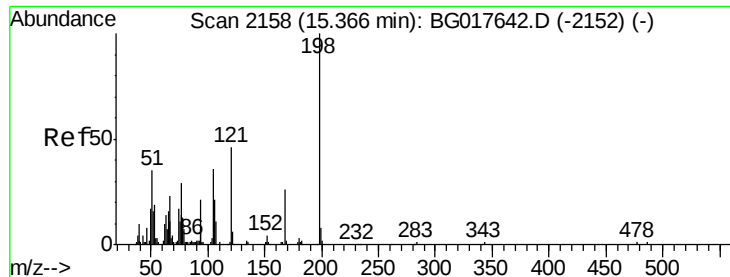


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 5.30 ng

RT: 15.45 min Scan# 2172

Delta R.T. 0.09 min

Lab File: BG017656.D

Acq: 13 Jun 2015 3:44

Instrument :

BNA_G

ClientSampleId :

MW-17

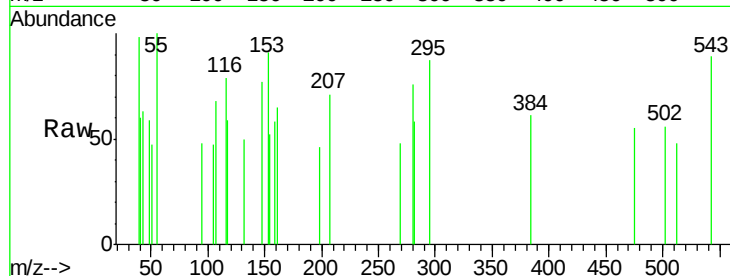
Tgt Ion:198 Resp: 53

Ion Ratio Lower Upper

198 100

51 100.7 16.2 56.2#

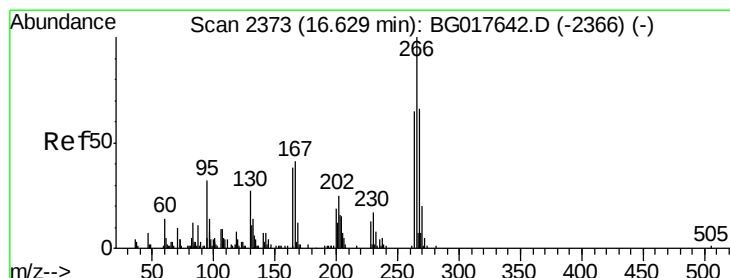
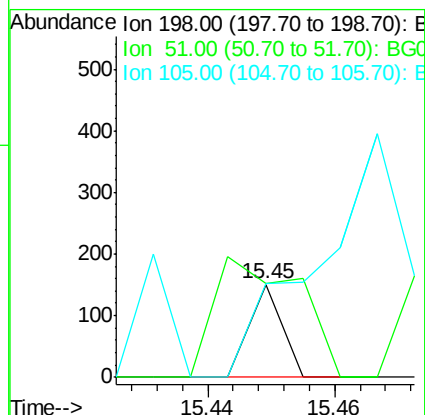
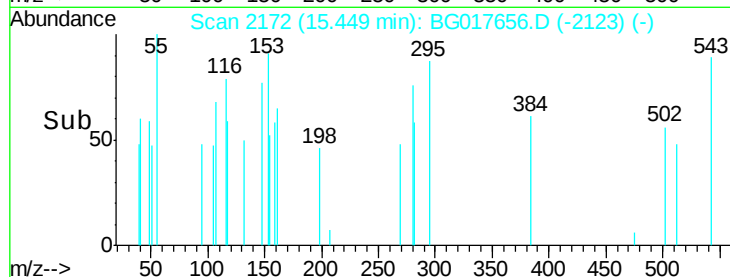
105 101.3 15.7 55.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG017642.D (-2152) (-)

Ion 105.00 (104.70 to 105.70): E



#69

Pentachlorophenol

Concen: 6.24 ng

RT: 16.69 min Scan# 2384

Delta R.T. 0.07 min

Lab File: BG017656.D

Acq: 13 Jun 2015 3:44

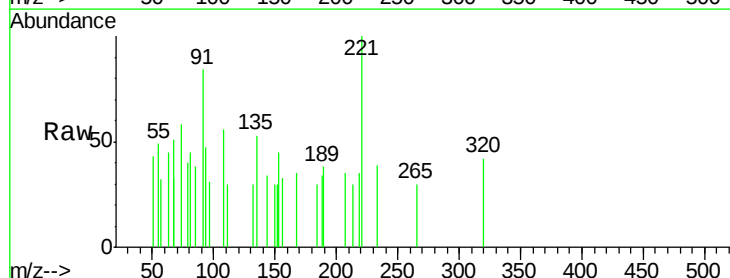
Tgt Ion:266 Resp: 54

Ion Ratio Lower Upper

266 100

268 0.0 52.7 79.1#

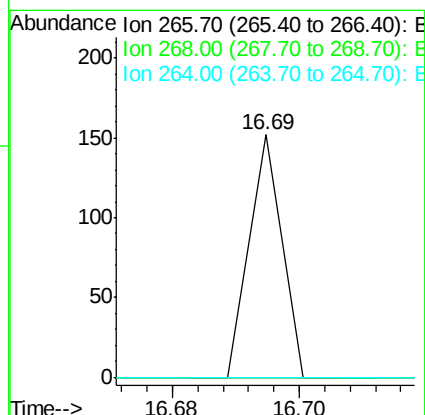
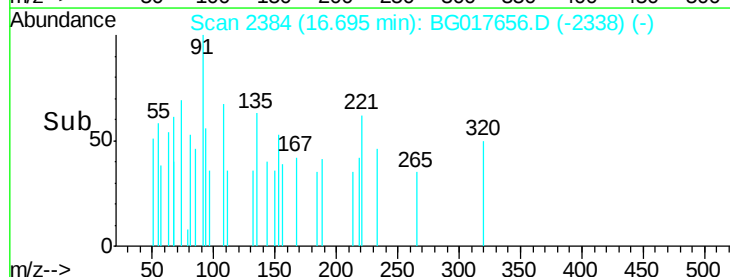
264 0.0 52.2 78.4#

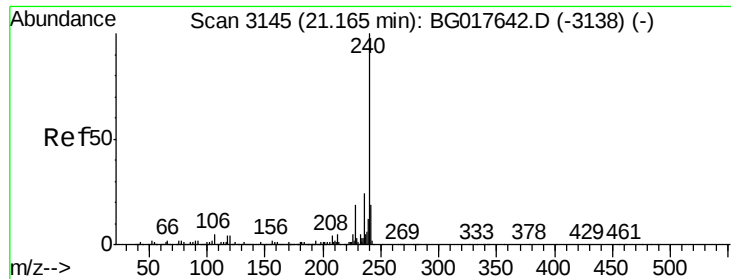


Abundance Ion 265.70 (265.40 to 266.40): E

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: BG017656.D

Acq: 13 Jun 2015 3:44

Instrument :

BNA_G

ClientSampleId :

MW-17

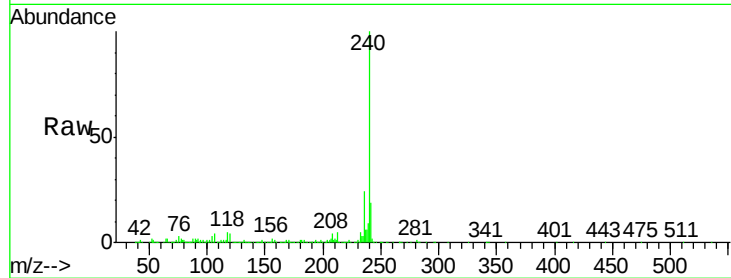
Tgt Ion:240 Resp: 213671

Ion Ratio Lower Upper

240 100

120 3.8 3.5 5.3

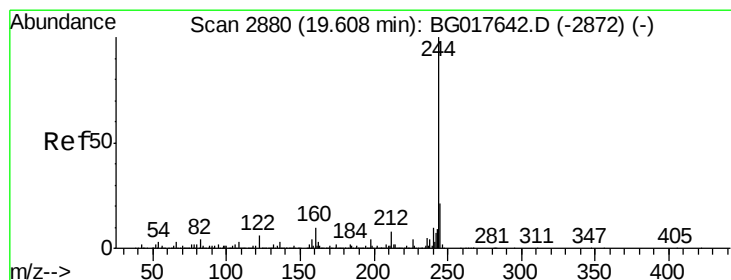
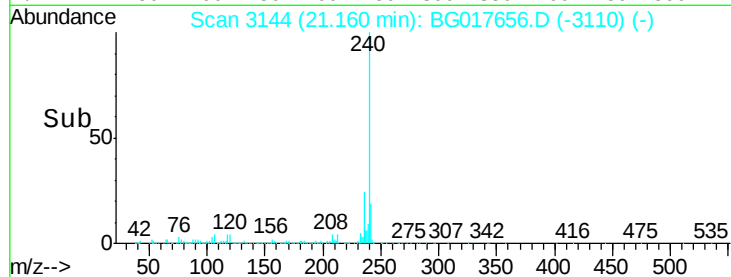
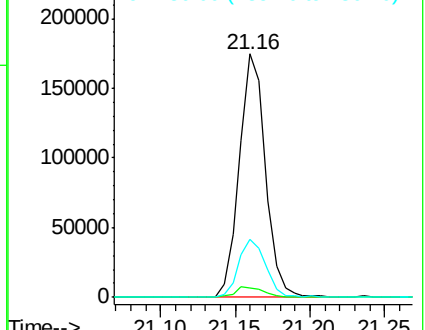
236 23.9 19.5 29.3



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: 92.00 ng

RT: 19.61 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG017656.D

Acq: 13 Jun 2015 3:44

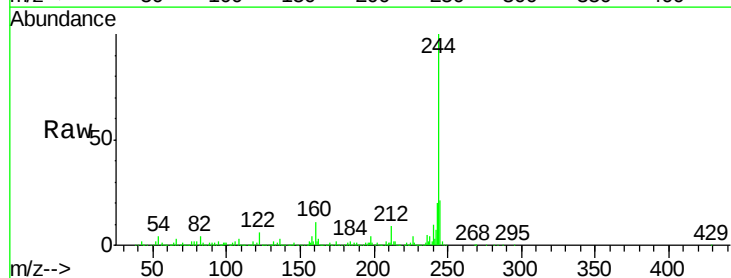
Tgt Ion:244 Resp: 942303

Ion Ratio Lower Upper

244 100

212 8.5 6.3 9.5

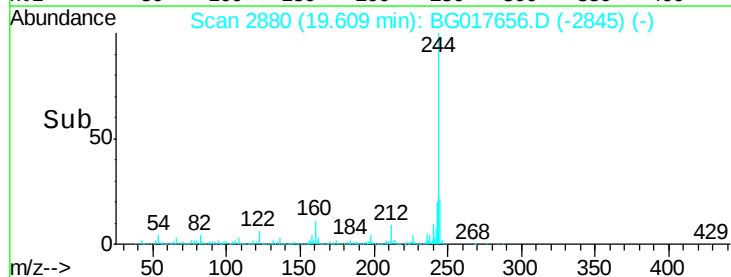
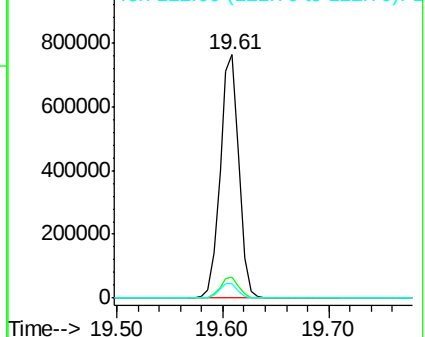
122 6.1 4.6 6.8

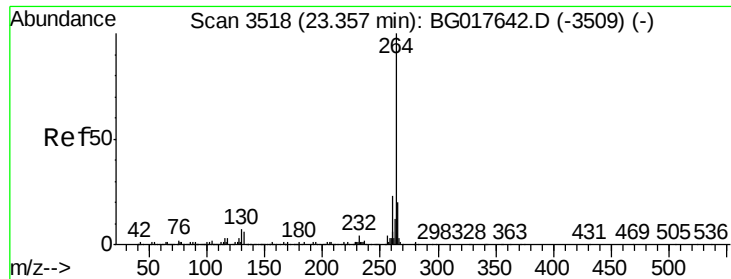


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG017656.D
Acq: 13 Jun 2015 3:44

Instrument :
BNA_G
ClientSampleId :
MW-17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	21.9	16.2	24.2

