

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017661.D
 Acq On : 13 Jun 2015 6:38
 Operator : TP/IZ
 Sample : G2536-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P5-26(FILTERED)

Quant Time: Jun 15 04:30:11 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

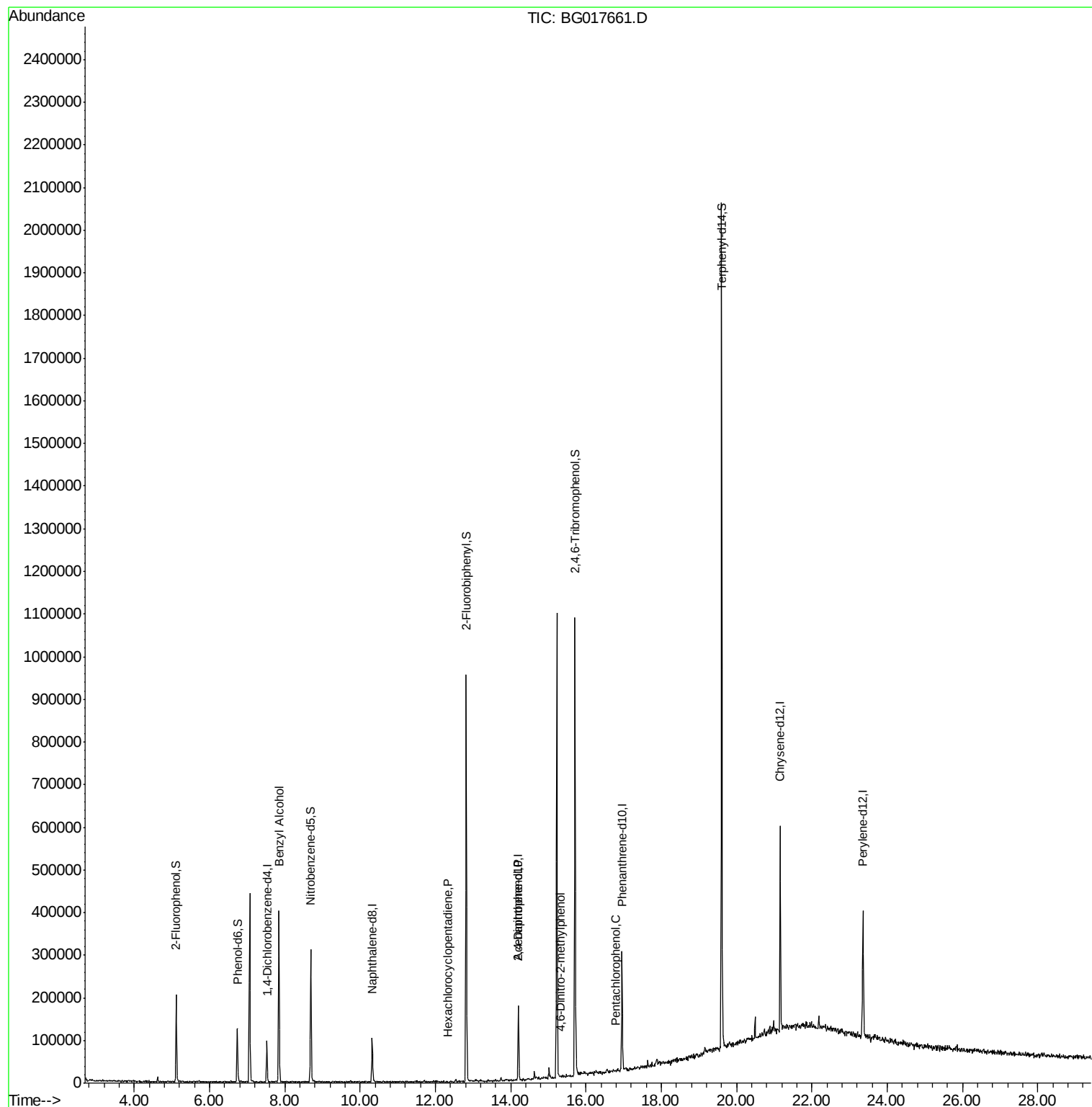
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	17277	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	65365	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	50189	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	144885	20.00	ng	0.00
75) Chrysene-d12	21.16	240	206335	20.00	ng	0.00
86) Perylene-d12	23.36	264	206683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	67174	75.30	ng	0.00
7) Phenol-d6	6.74	99	54860	41.97	ng	0.00
23) Nitrobenzene-d5	8.69	82	162360	104.27	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	157467	181.76	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	398194	109.73	ng	0.00
78) Terphenyl-d14	19.60	244	776592	78.52	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.85	79	4168	2.89	ng	# 40
40) Hexachlorocyclopentadiene	12.32	237	57	5.06	ng	# 25
53) 2,4-Dinitrophenol	14.20	184	93	6.04	ng	# 36
64) 4,6-Dinitro-2-methylphenol	15.34	198	54	5.30	ng	# 1
69) Pentachlorophenol	16.78	266	86	6.27	ng	# 55

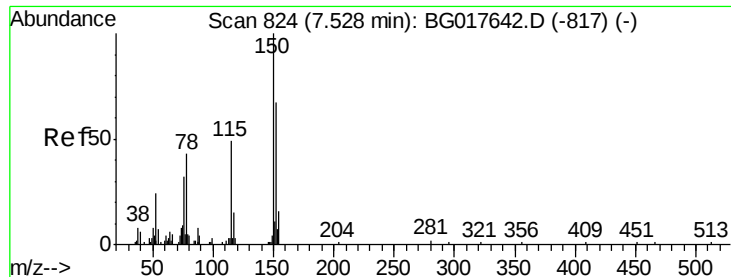
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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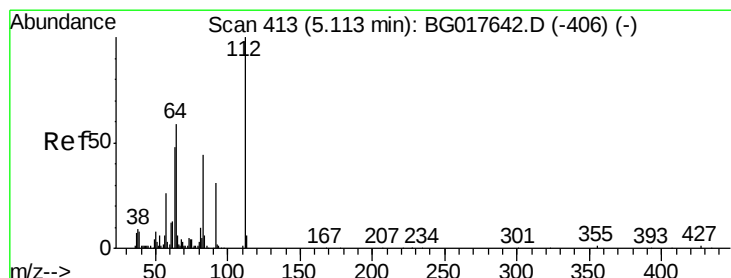
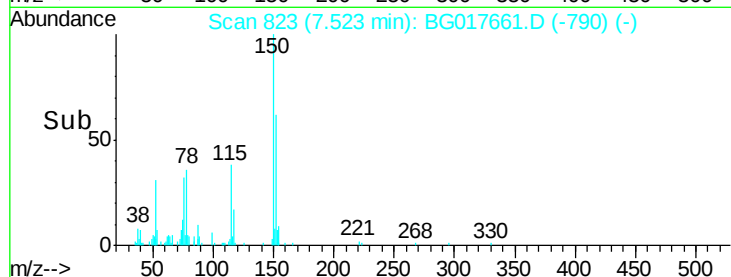
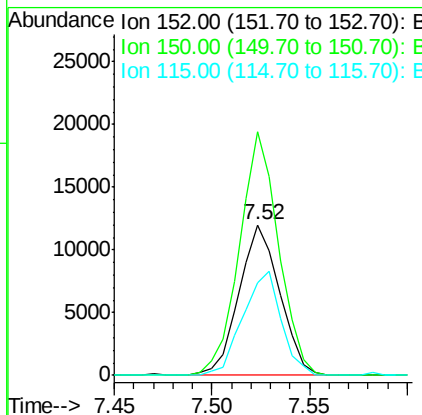
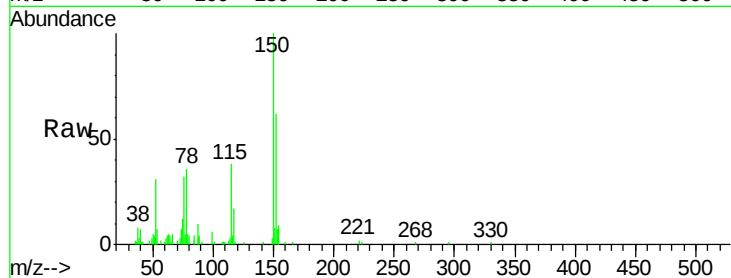


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG017661.D
Acq: 13 Jun 2015 6:38

Instrument :
BNA_G
ClientSampleId :
P5-26(FILTERED)

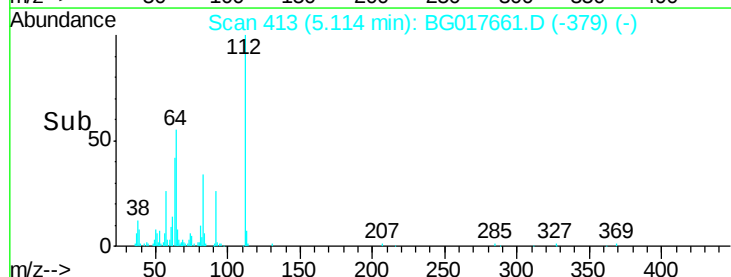
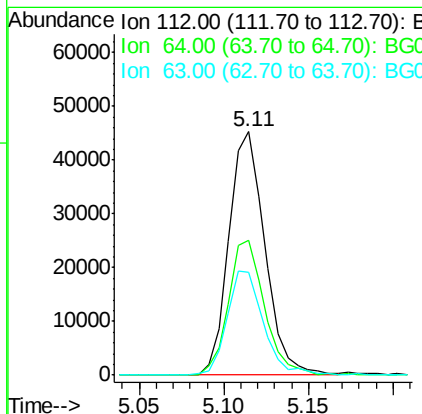
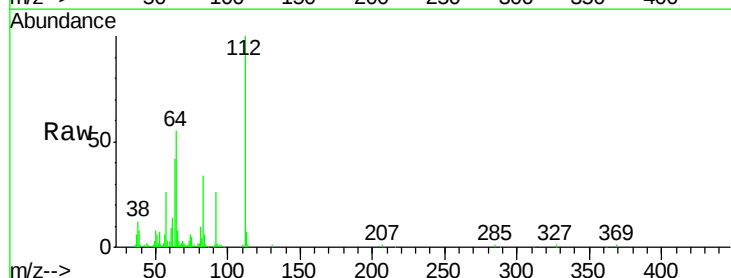
Tgt Ion:152 Resp: 17277
Ion Ratio Lower Upper
152 100
150 161.6 119.4 179.0
115 61.3 58.2 87.2

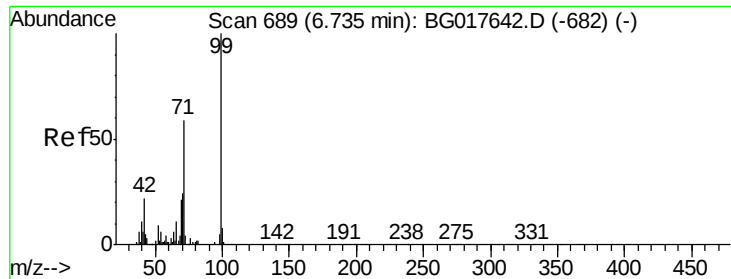


#5

2-Fluorophenol
Concen: 75.30 ng
RT: 5.11 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG017661.D
Acq: 13 Jun 2015 6:38

Tgt Ion:112 Resp: 67174
Ion Ratio Lower Upper
112 100
64 55.5 47.0 70.6
63 42.3 38.6 58.0





#7

Phenol-d6

Concen: 41.97 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017661.D

Acq: 13 Jun 2015 6:38

Instrument :

BNA_G

ClientSampleId :

P5-26(FILTERED)

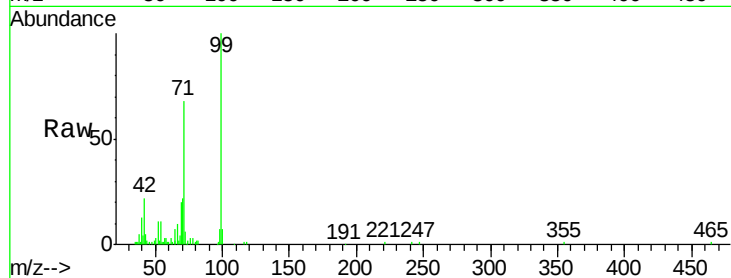
Tgt Ion: 99 Resp: 54860

Ion Ratio Lower Upper

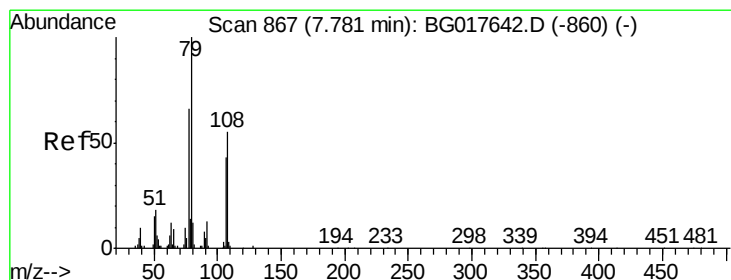
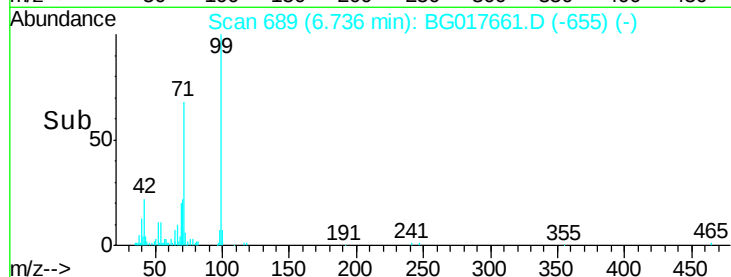
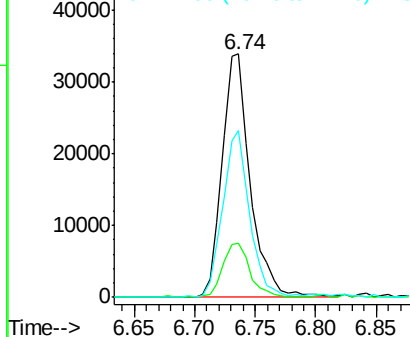
99 100

42 22.2 17.4 26.2

71 68.5 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: 2.89 ng

RT: 7.85 min Scan# 878

Delta R.T. 0.07 min

Lab File: BG017661.D

Acq: 13 Jun 2015 6:38

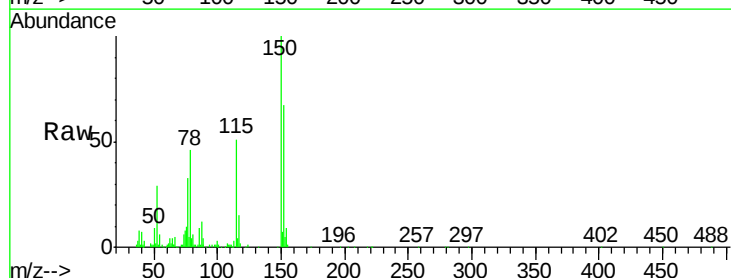
Tgt Ion: 79 Resp: 4168

Ion Ratio Lower Upper

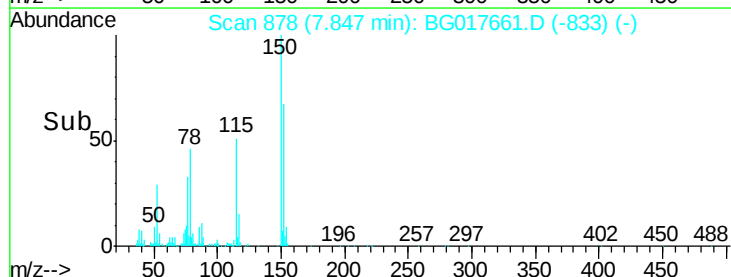
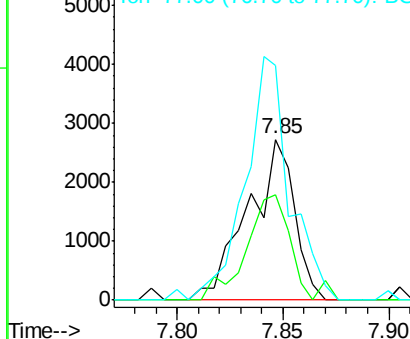
79 100

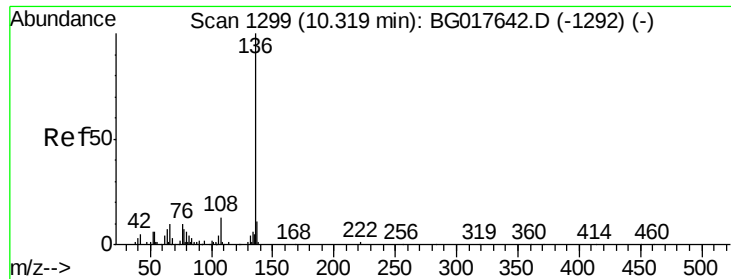
108 65.2 44.6 67.0

77 145.8 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

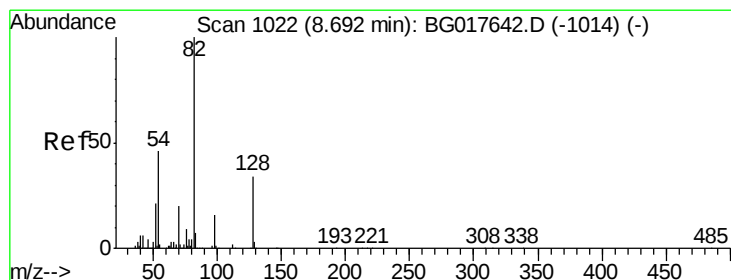
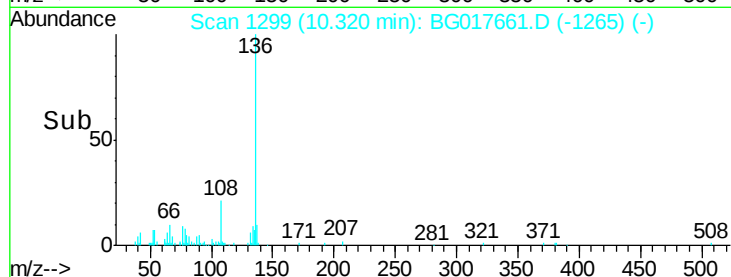
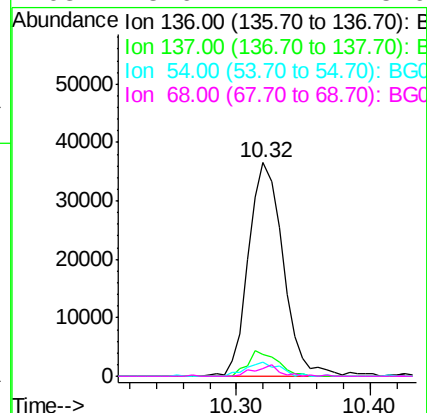
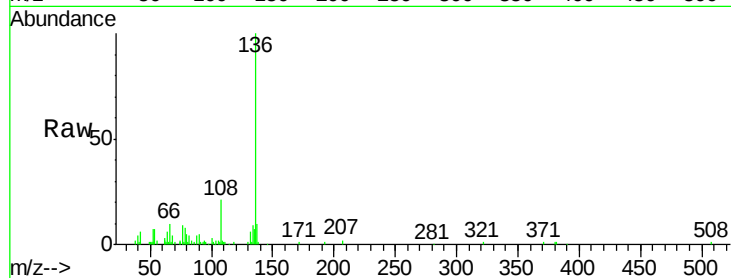




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017661.D
Acq: 13 Jun 2015 6:38

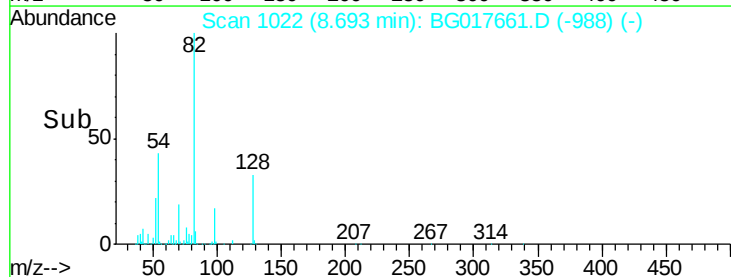
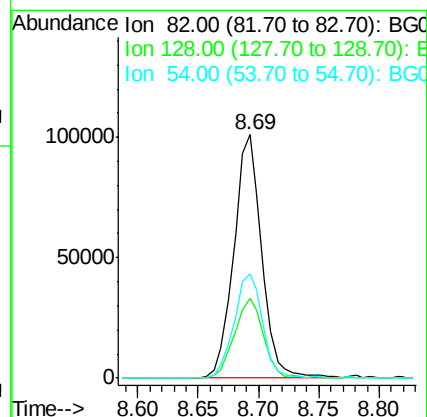
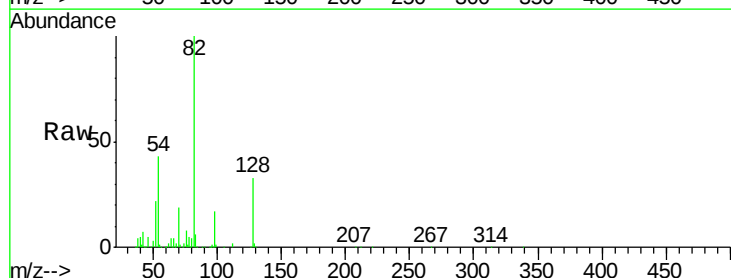
Instrument :
BNA_G
ClientSampleId :
P5-26(FILTERED)

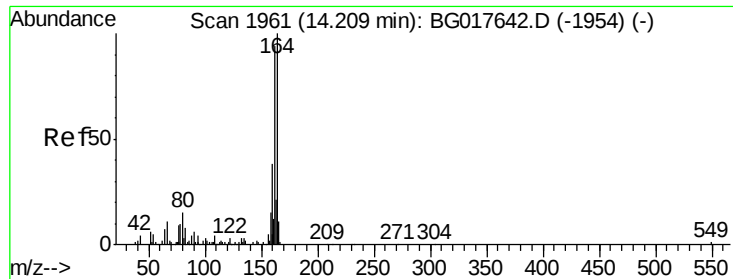
Tgt Ion:	136	Resp:	65365
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	6.9	4.7	7.1
68	3.6	2.4	3.6



#23
Nitrobenzene-d5
Concen: 104.27 ng
RT: 8.69 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG017661.D
Acq: 13 Jun 2015 6:38

Tgt Ion:	82	Resp:	162360
Ion	Ratio	Lower	Upper
82	100		
128	32.9	27.3	40.9
54	42.6	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: BG017661.D

Acq: 13 Jun 2015 6:38

Instrument :

BNA_G

ClientSampleId :

P5-26(FILTERED)

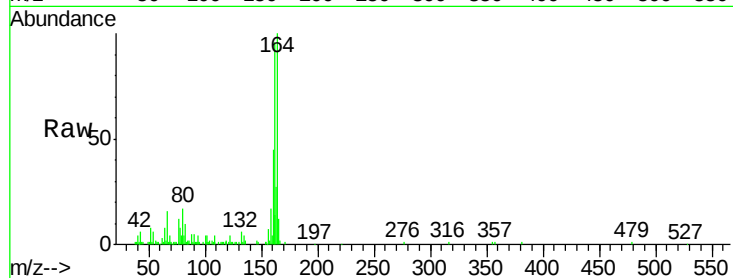
Tgt Ion:164 Resp: 50189

Ion Ratio Lower Upper

164 100

162 96.0 75.0 112.4

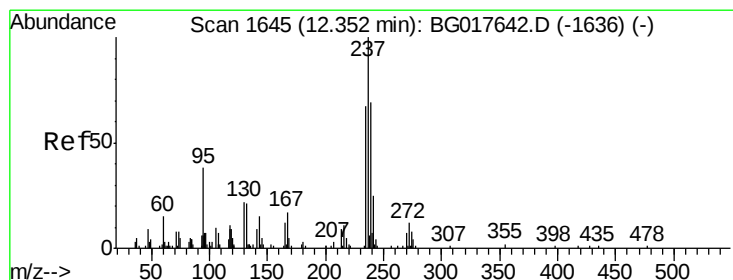
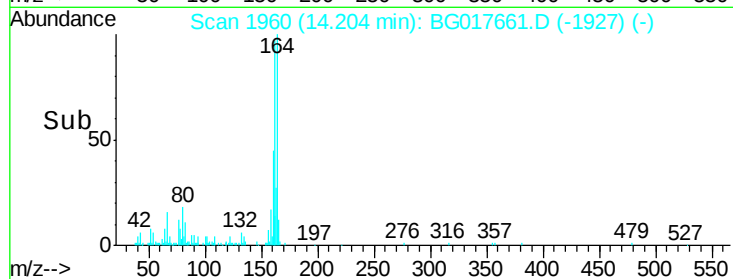
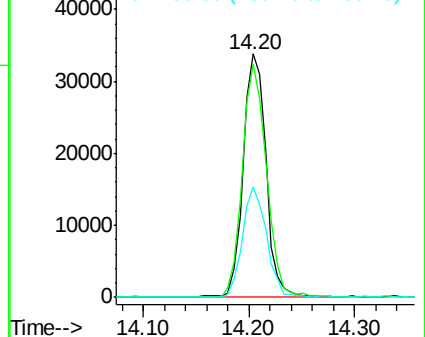
160 45.2 30.3 45.5



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



#40

Hexachlorocyclopentadiene

Concen: 5.06 ng

RT: 12.32 min Scan# 1640

Delta R.T. -0.03 min

Lab File: BG017661.D

Acq: 13 Jun 2015 6:38

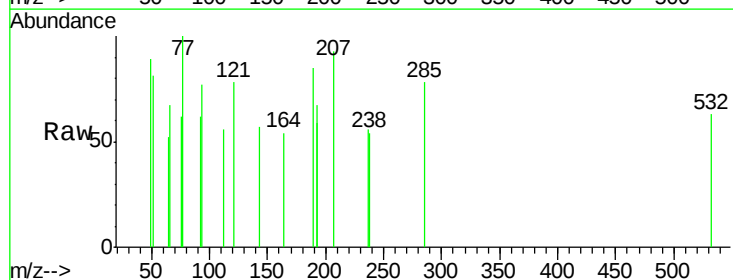
Tgt Ion:237 Resp: 57

Ion Ratio Lower Upper

237 100

235 0.0 46.6 86.6#

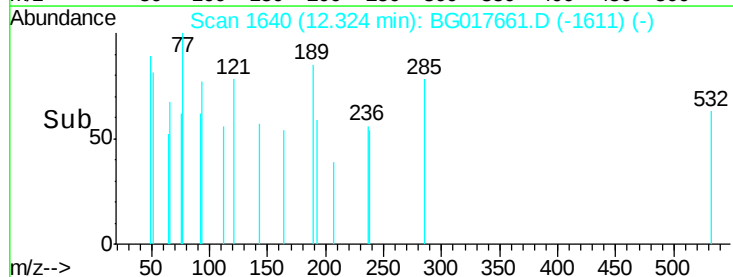
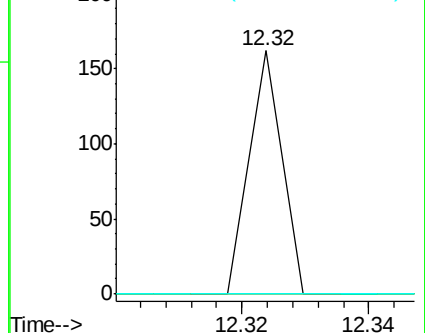
272 0.0 0.0 32.3

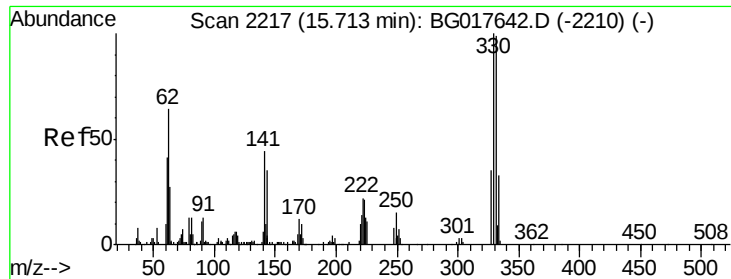


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

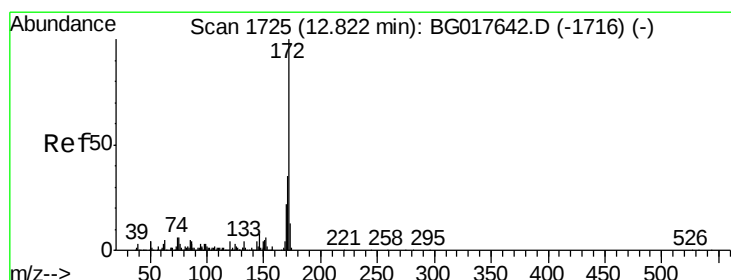
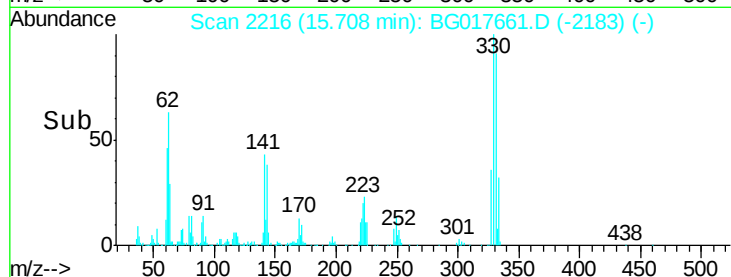
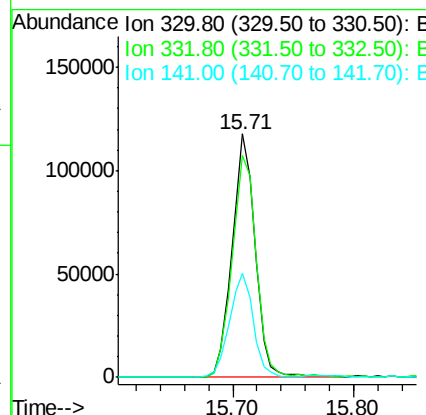
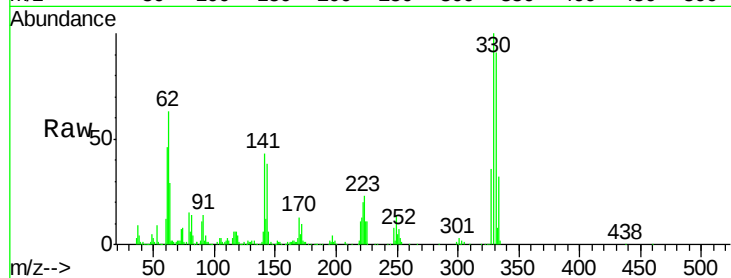




#41
 2,4,6-Tribromophenol
 Concen: 181.76 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG017661.D
 Acq: 13 Jun 2015 6:38

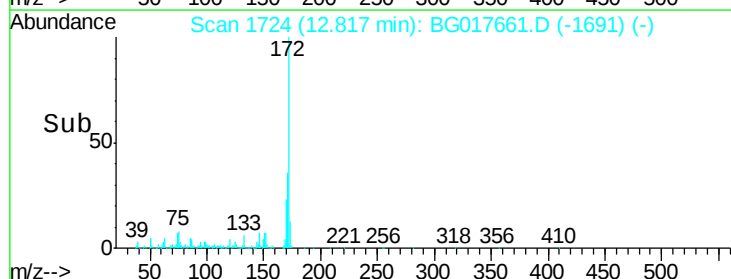
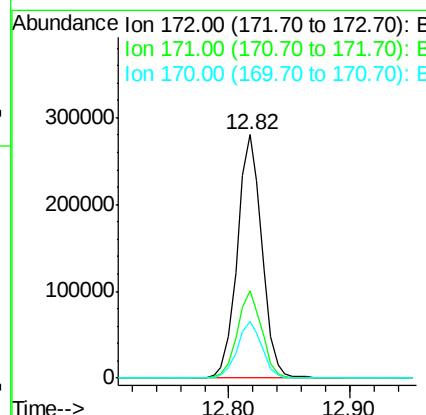
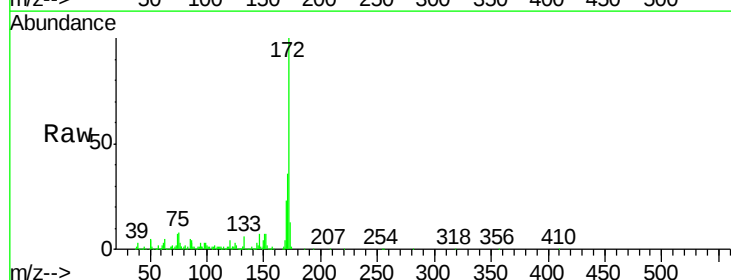
Instrument :
 BNA_G
 ClientSampleId :
 P5-26(FILTERED)

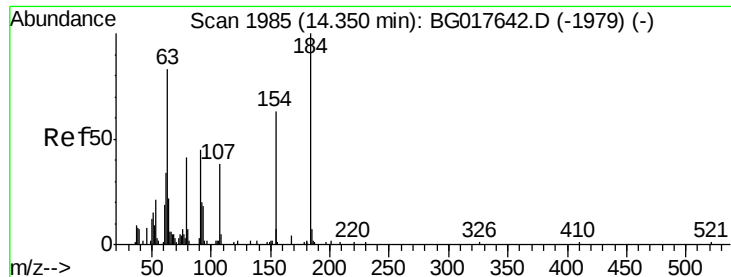
Tgt Ion:330 Resp: 157467
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 43.6 34.6 51.8



#44
 2-Fluorobiphenyl
 Concen: 109.73 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017661.D
 Acq: 13 Jun 2015 6:38

Tgt Ion:172 Resp: 398194
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.2 42.2
 170 23.1 17.4 26.2





#53

2,4-Dinitrophenol

Concen: 6.04 ng

RT: 14.20 min Scan# 1959

Delta R.T. -0.15 min

Lab File: BG017661.D

Acq: 13 Jun 2015 6:38

Instrument :

BNA_G

ClientSampleId :

P5-26(FILTERED)

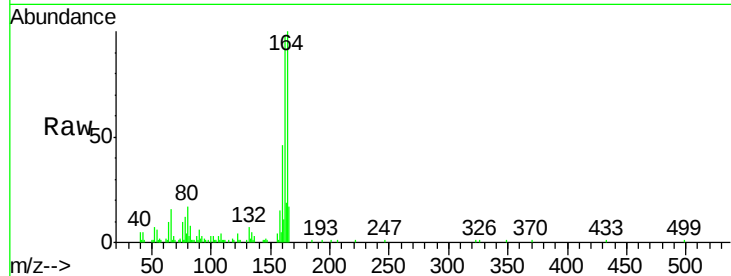
Tgt Ion:184 Resp: 93

Ion Ratio Lower Upper

184 100

63 128.4 66.5 99.7#

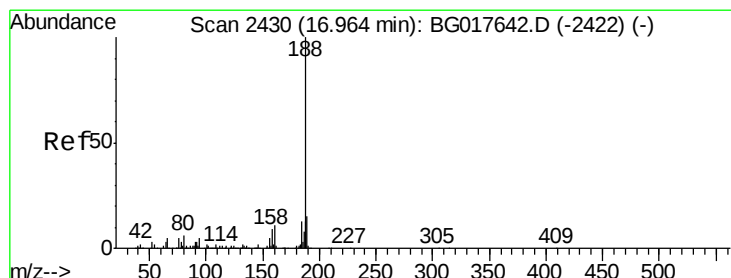
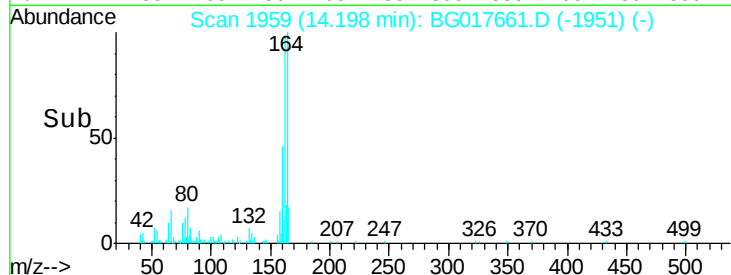
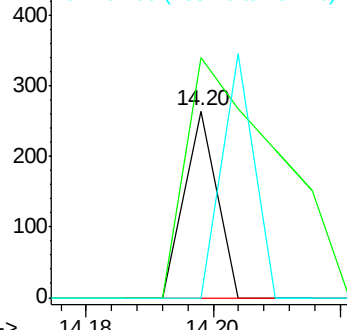
154 0.0 50.5 75.7#



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: BG017661.D

Acq: 13 Jun 2015 6:38

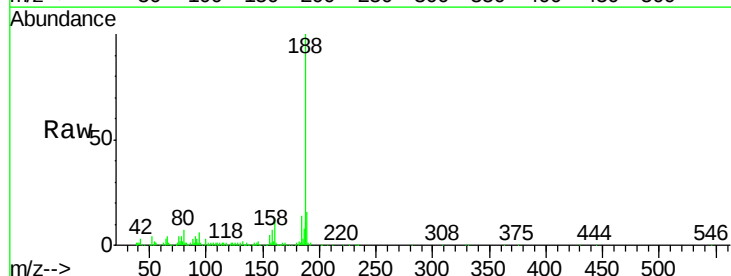
Tgt Ion:188 Resp: 144885

Ion Ratio Lower Upper

188 100

94 6.1 3.9 5.9#

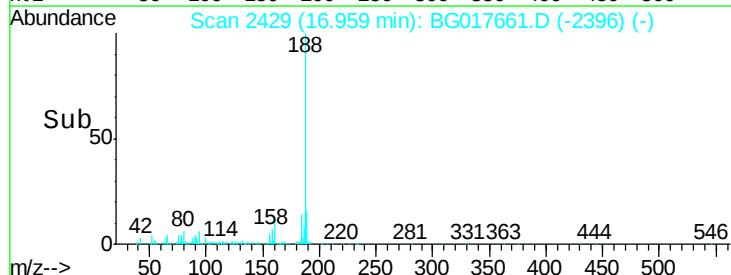
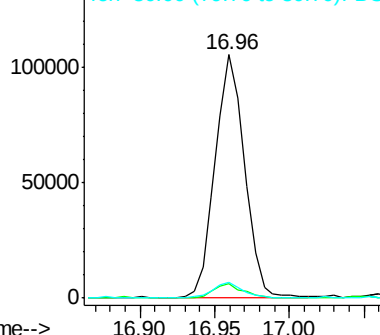
80 6.6 5.0 7.6

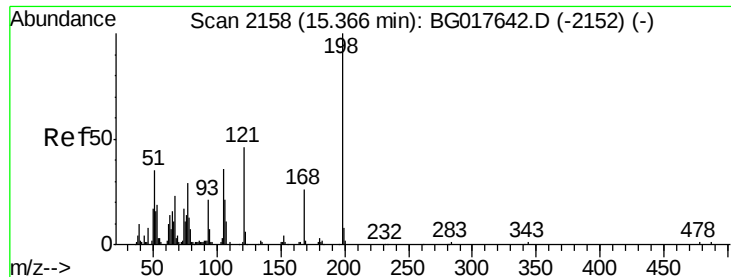


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.34 min Scan# 2153

Delta R.T. -0.03 min

Lab File: BG017661.D

Acq: 13 Jun 2015 6:38

Instrument :

BNA_G

ClientSampleId :

P5-26(FILTERED)

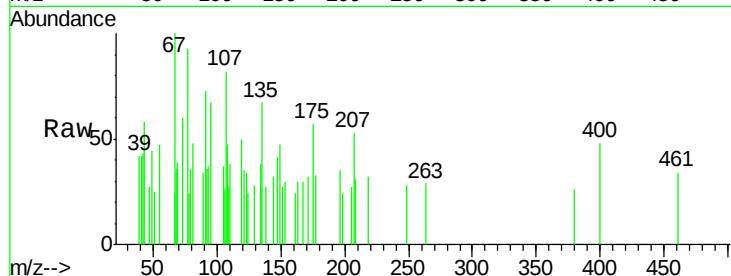
Tgt Ion:198 Resp: 54

Ion Ratio Lower Upper

198 100

51 103.2 16.2 56.2#

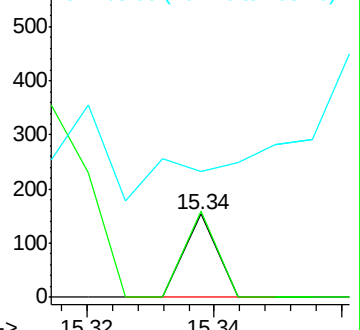
105 150.6 15.7 55.7#



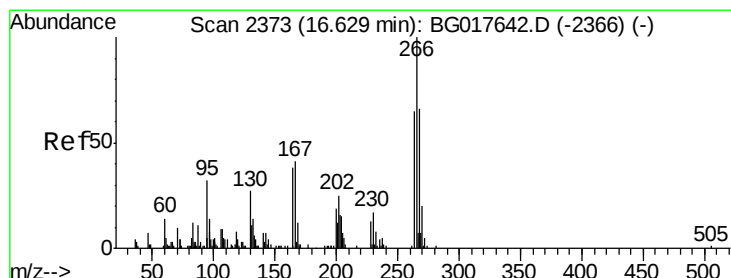
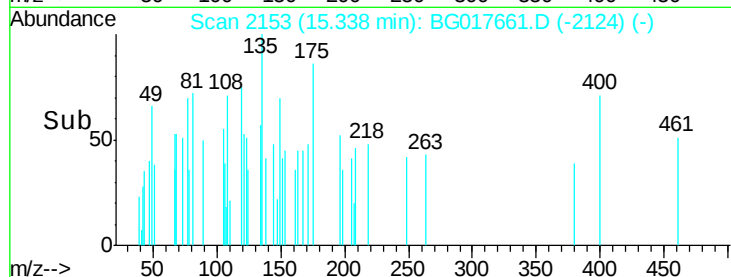
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG017661.D (-2152) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#69

Pentachlorophenol

Concen: 6.27 ng

RT: 16.78 min Scan# 2398

Delta R.T. 0.15 min

Lab File: BG017661.D

Acq: 13 Jun 2015 6:38

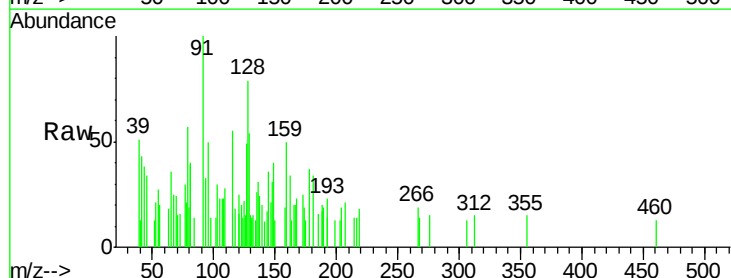
Tgt Ion:266 Resp: 86

Ion Ratio Lower Upper

266 100

268 72.7 52.7 79.1

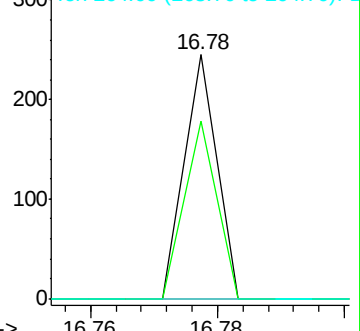
264 0.0 52.2 78.4#



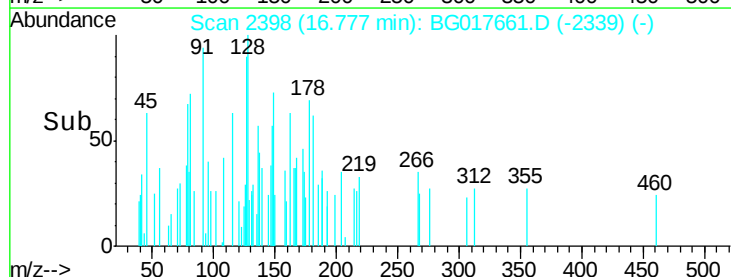
Abundance Ion 265.70 (265.40 to 266.40): E

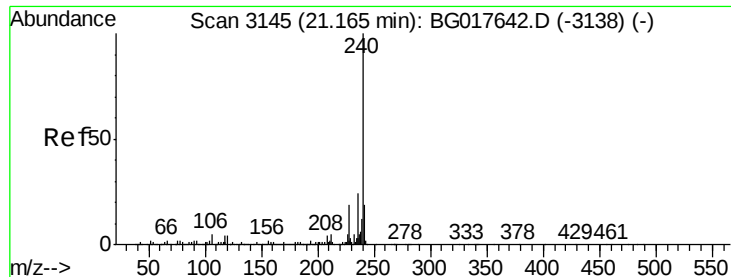
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017661.D

Acq: 13 Jun 2015 6:38

Instrument :

BNA_G

ClientSampleId :

P5-26(FILTERED)

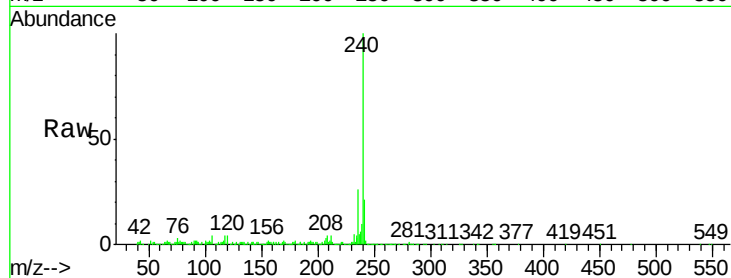
Tgt Ion:240 Resp: 206335

Ion Ratio Lower Upper

240 100

120 4.1 3.5 5.3

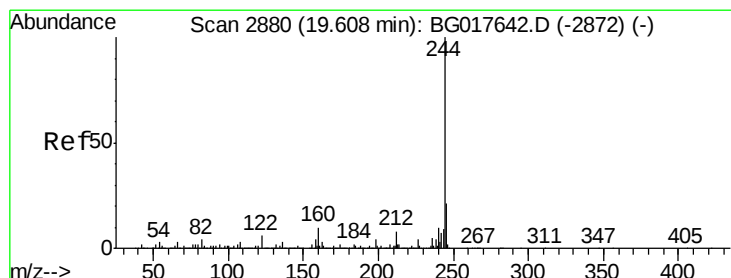
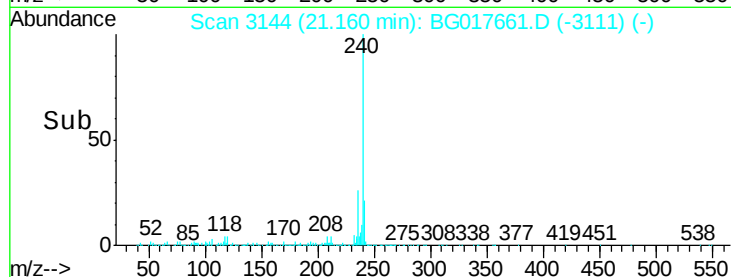
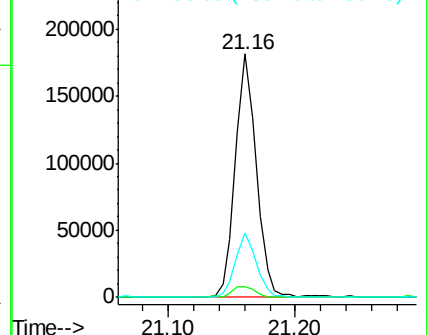
236 26.3 19.5 29.3



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: 78.52 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017661.D

Acq: 13 Jun 2015 6:38

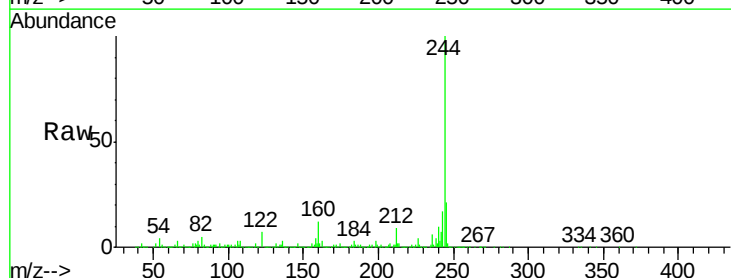
Tgt Ion:244 Resp: 776592

Ion Ratio Lower Upper

244 100

212 8.5 6.3 9.5

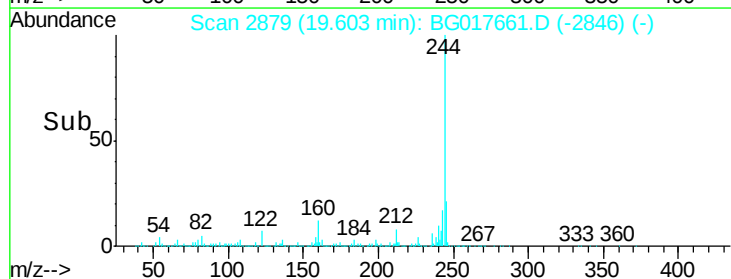
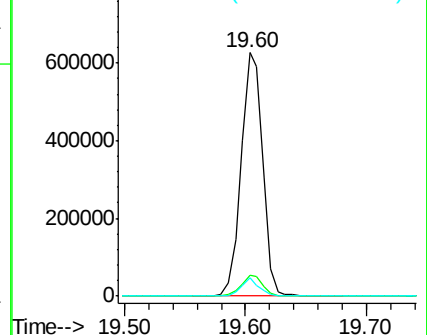
122 7.3 4.6 6.8#

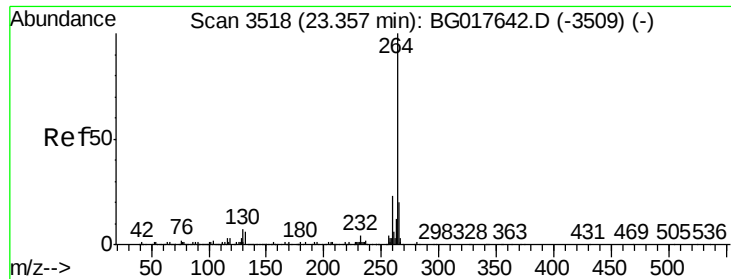


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG017661.D
Acq: 13 Jun 2015 6:38

Instrument :
BNA_G
ClientSampleId :
P5-26(FILTERED)

Tgt Ion:	264	Resp:	206683
Ion Ratio	Lower	Upper	
264	100		
260	22.0	18.3	27.5
265	24.5	16.2	24.2#

