

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017676.D
 Acq On : 13 Jun 2015 16:31
 Operator : TP/IZ
 Sample : PB83969BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83969BL

Quant Time: Jun 15 05:41:00 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

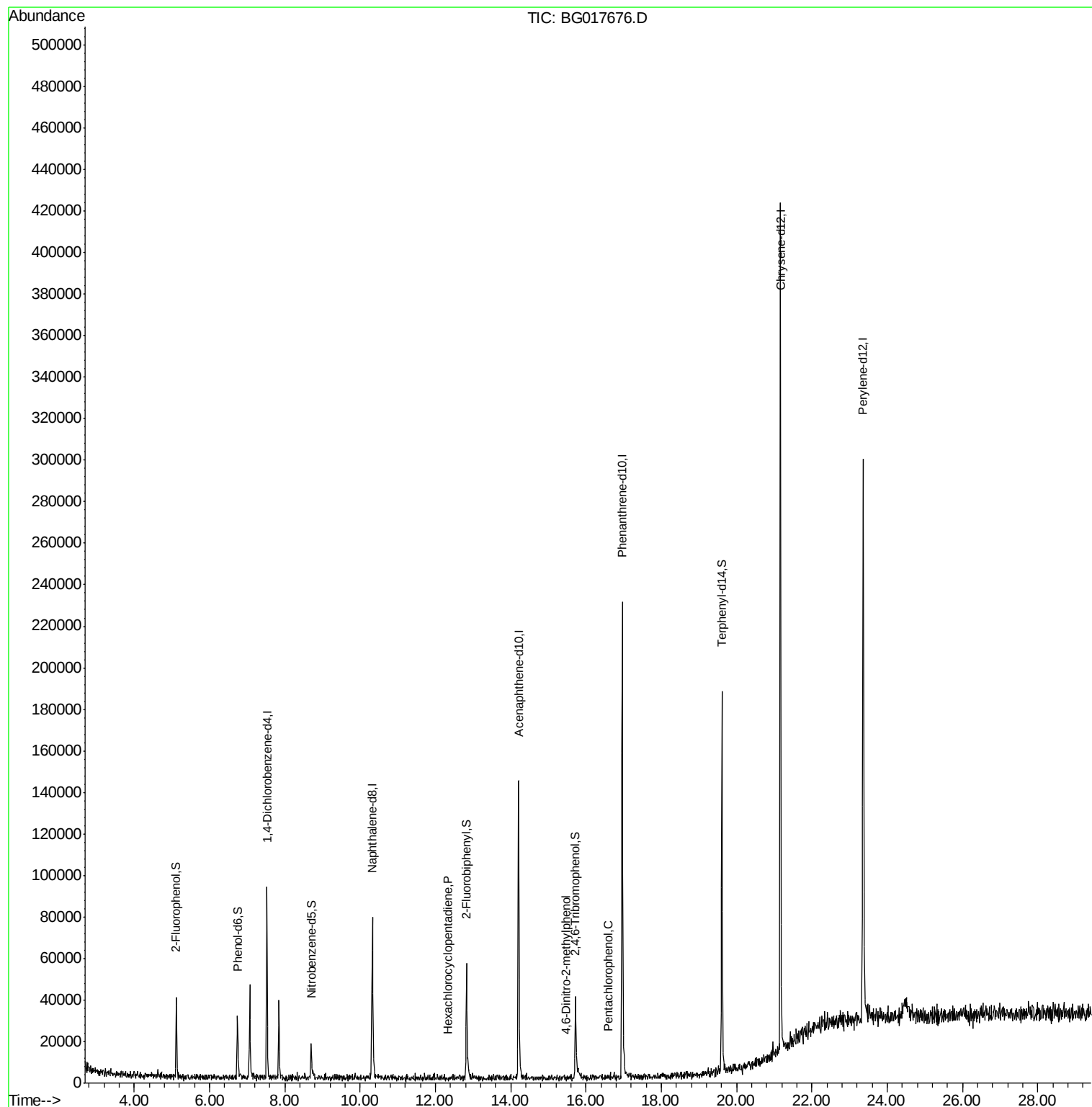
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16717	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	60978	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	50263	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	146687	20.00	ng	0.00
75) Chrysene-d12	21.17	240	211160	20.00	ng	0.00
86) Perylene-d12	23.36	264	210743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	13783	15.97	ng	0.00
7) Phenol-d6	6.73	99	17018	13.46	ng	0.00
23) Nitrobenzene-d5	8.70	82	9978	6.87	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	9336	10.76	ng	0.01
44) 2-Fluorobiphenyl	12.82	172	31727	8.73	ng	0.00
78) Terphenyl-d14	19.61	244	87128	8.61	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.33	237	84	5.14	ng	# 25
64) 4,6-Dinitro-2-methylphenol	15.47	198	54	5.30	ng	# 39
69) Pentachlorophenol	16.59	266	64	6.24	ng	# 17

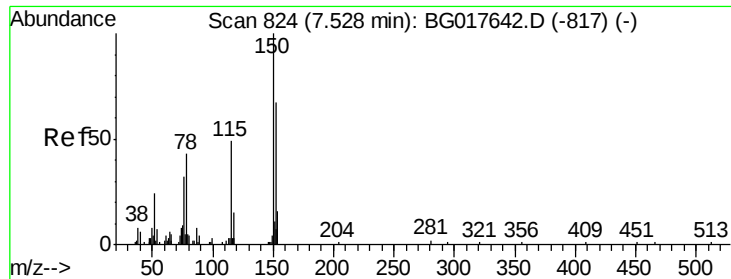
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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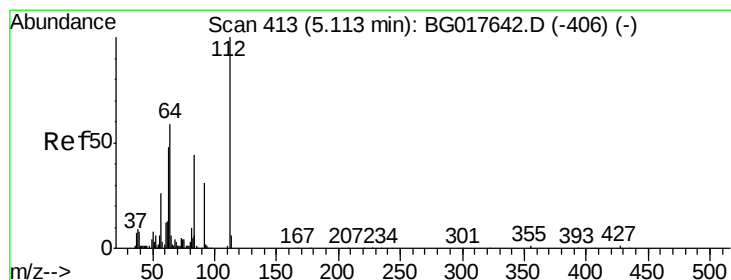
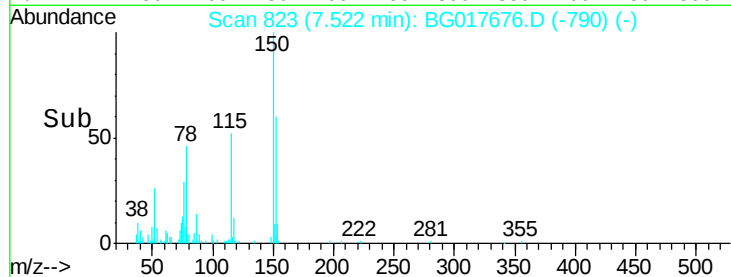
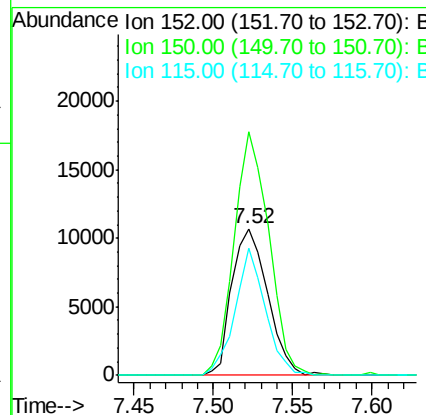
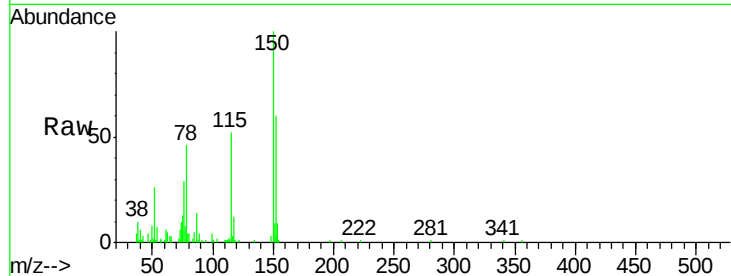


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG017676.D
Acq: 13 Jun 2015 16:31

Instrument :
BNA_G
ClientSampleId :
PB83969BL

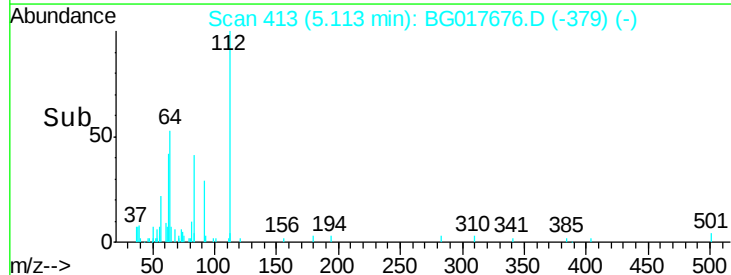
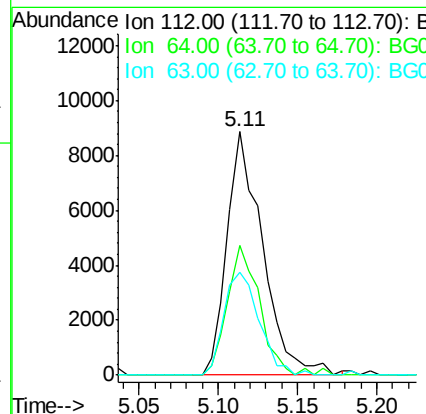
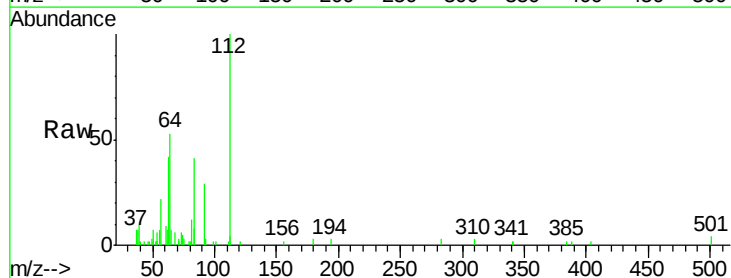
Tgt Ion:152 Resp: 16717
Ion Ratio Lower Upper
152 100
150 166.1 119.4 179.0
115 86.7 58.2 87.2

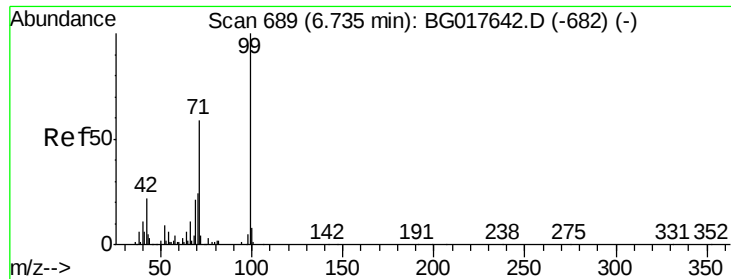


#5

2-Fluorophenol
Concen: 15.97 ng
RT: 5.11 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG017676.D
Acq: 13 Jun 2015 16:31

Tgt Ion:112 Resp: 13783
Ion Ratio Lower Upper
112 100
64 53.3 47.0 70.6
63 42.4 38.6 58.0





#7

Phenol-d6

Concen: 13.46 ng

RT: 6.73 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG017676.D

Acq: 13 Jun 2015 16:31

Instrument :

BNA_G

ClientSampleId :

PB83969BL

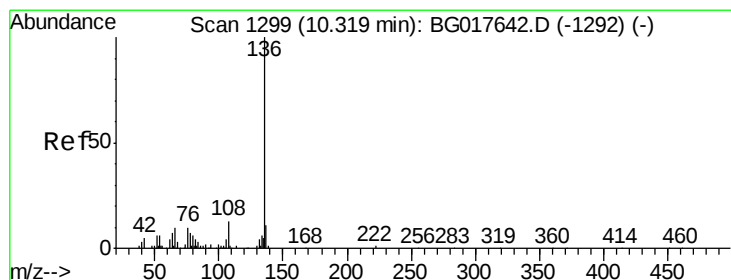
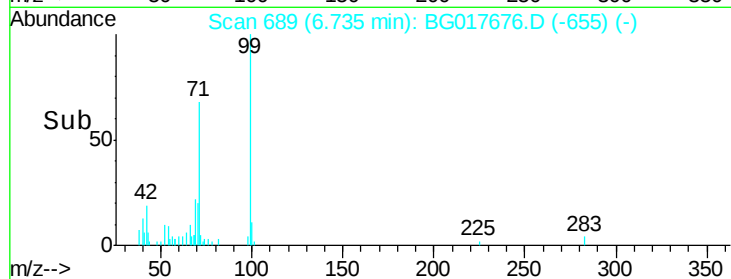
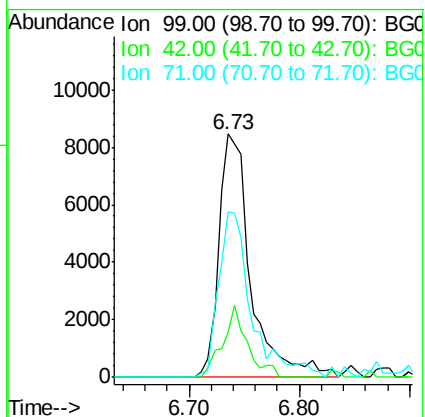
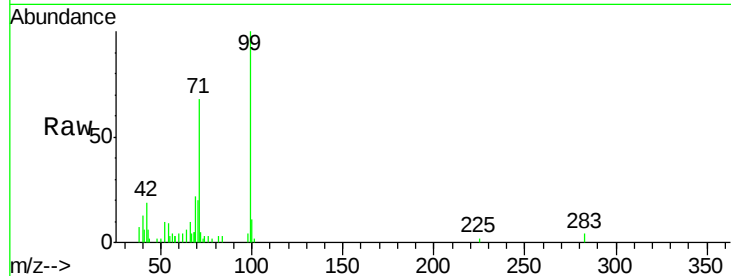
Tgt Ion: 99 Resp: 17018

Ion Ratio Lower Upper

99 100

42 18.8 17.4 26.2

71 67.9 47.4 71.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG017676.D

Acq: 13 Jun 2015 16:31

Tgt Ion: 136 Resp: 60978

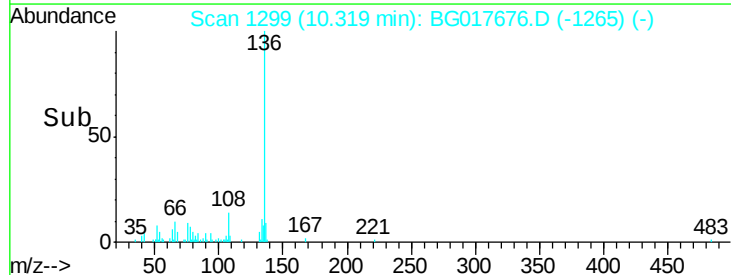
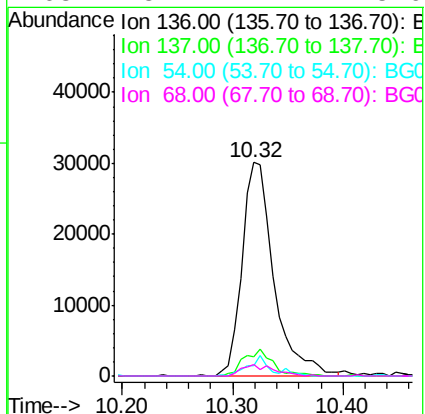
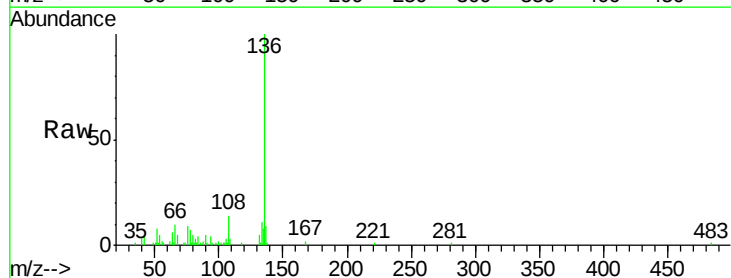
Ion Ratio Lower Upper

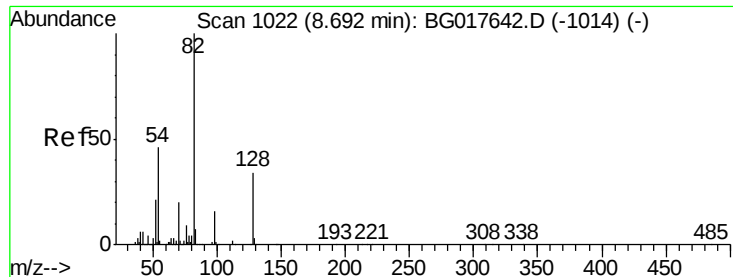
136 100

137 8.8 8.7 13.1

54 4.8 4.7 7.1

68 5.4 2.4 3.6#

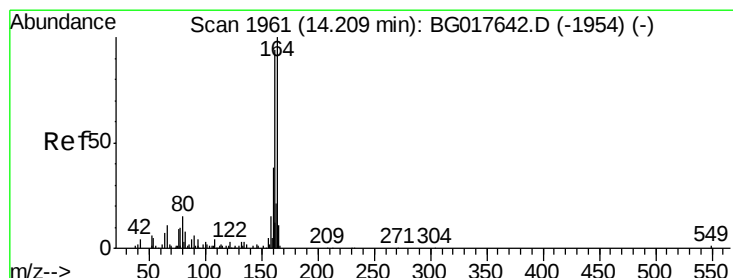
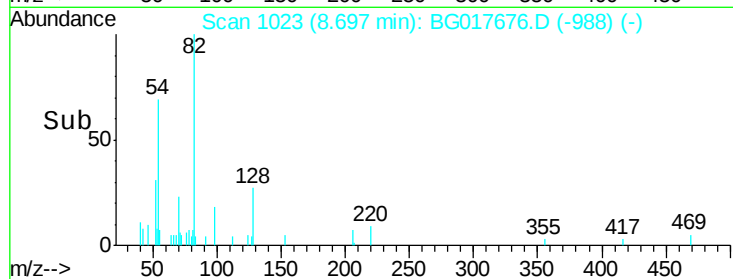
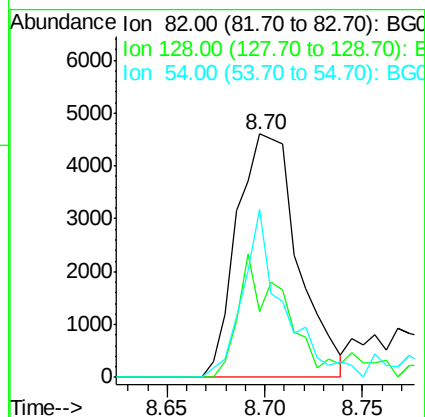
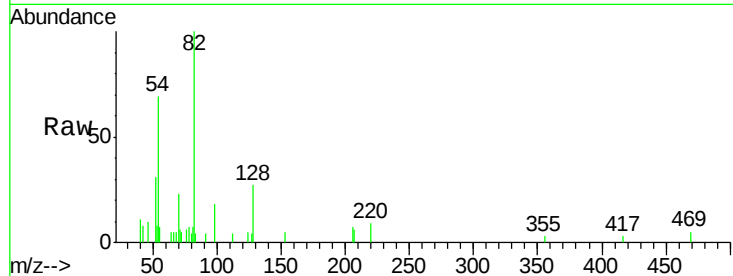




#23
Nitrobenzene-d5
Concen: 6.87 ng
RT: 8.70 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BG017676.D
Acq: 13 Jun 2015 16:31

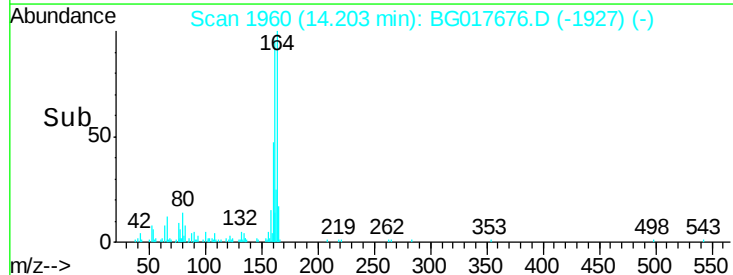
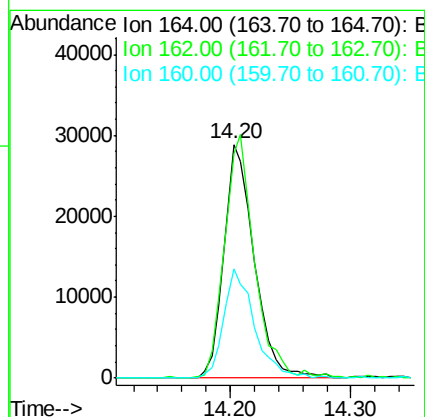
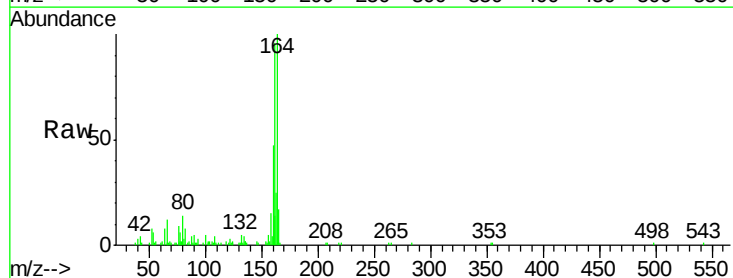
Instrument :
BNA_G
ClientSampleId :
PB83969BL

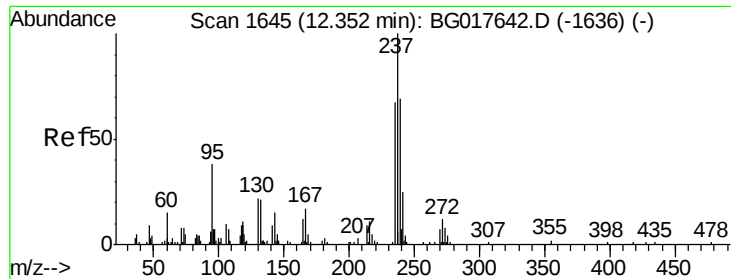
Tgt Ion: 82 Resp: 9978
Ion Ratio Lower Upper
82 100
128 27.1 27.3 40.9#
54 68.9 37.0 55.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG017676.D
Acq: 13 Jun 2015 16:31

Tgt Ion: 164 Resp: 50263
Ion Ratio Lower Upper
164 100
162 96.2 75.0 112.4
160 46.8 30.3 45.5#

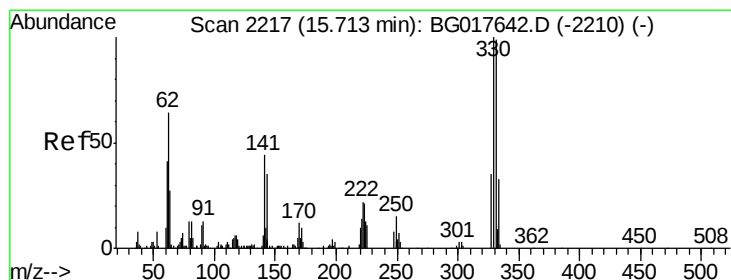
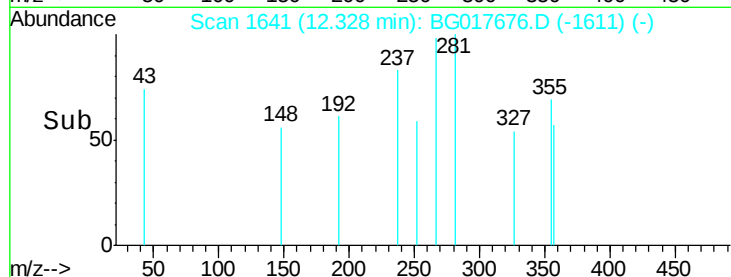
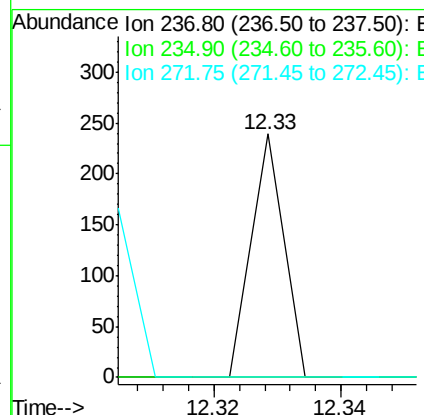
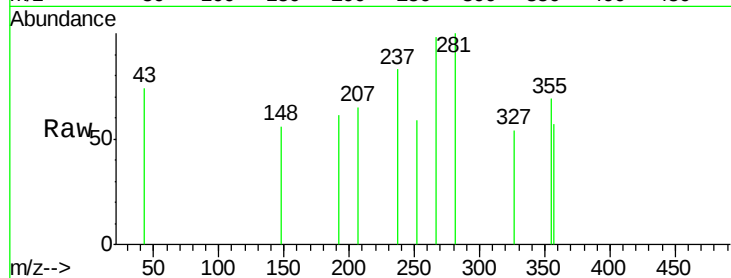




#40
Hexachlorocyclopentadiene
Concen: 5.14 ng
RT: 12.33 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG017676.D
Acq: 13 Jun 2015 16:31

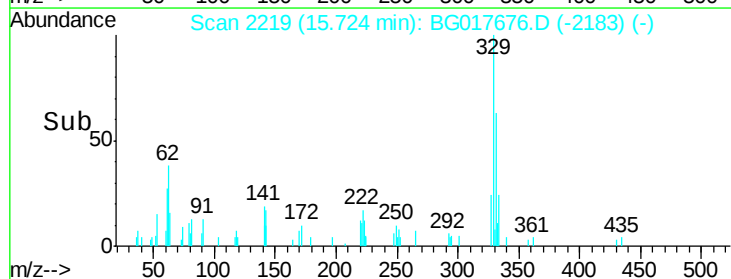
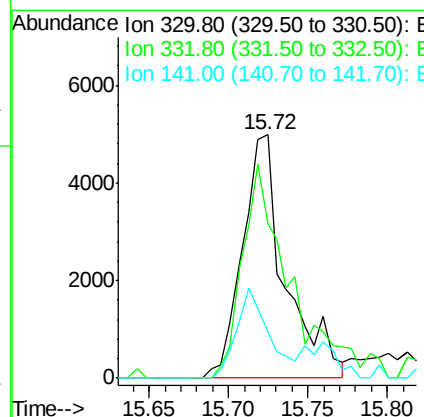
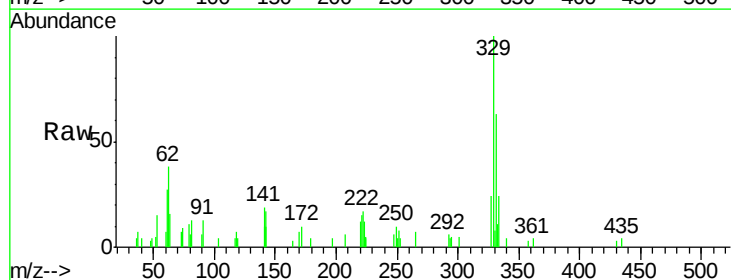
Instrument :
BNA_G
ClientSampleId :
PB83969BL

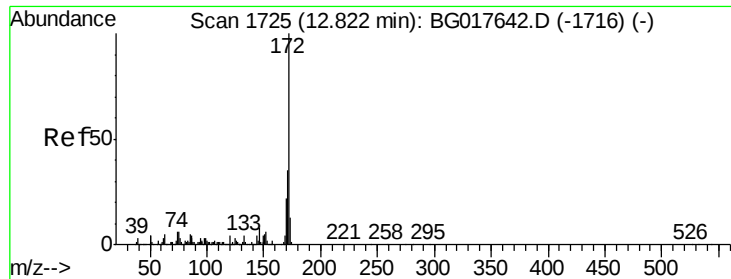
Tgt Ion: 237 Resp: 84
Ion Ratio Lower Upper
237 100
235 0.0 46.6 86.6#
272 0.0 0.0 32.3



#41
2,4,6-Tribromophenol
Concen: 10.76 ng
RT: 15.72 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BG017676.D
Acq: 13 Jun 2015 16:31

Tgt Ion: 330 Resp: 9336
Ion Ratio Lower Upper
330 100
332 99.8 76.6 114.8
141 28.2 34.6 51.8#

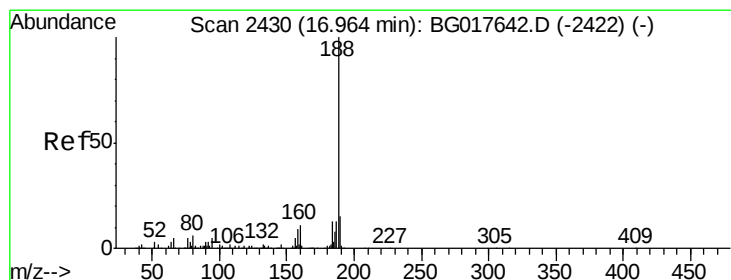
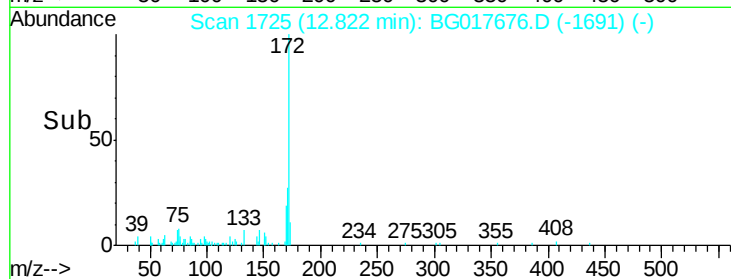
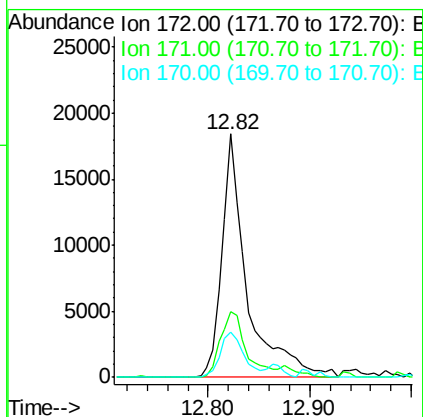
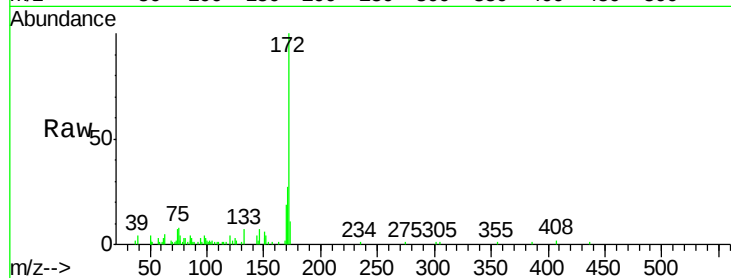




#44
 2-Fluorobiphenyl
 Concen: 8.73 ng
 RT: 12.82 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG017676.D
 Acq: 13 Jun 2015 16:31

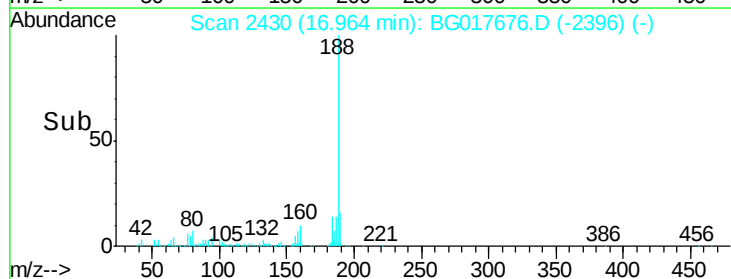
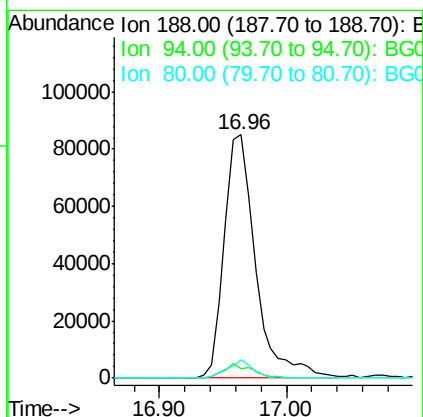
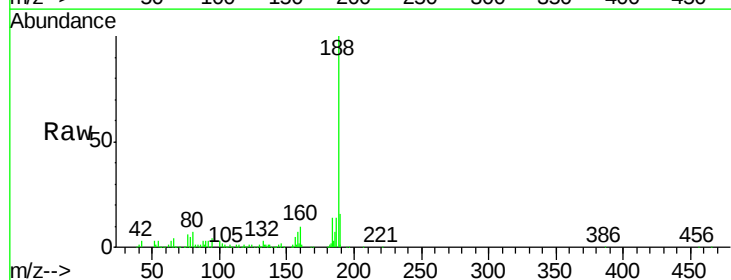
Instrument :
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 ClientSampleId :
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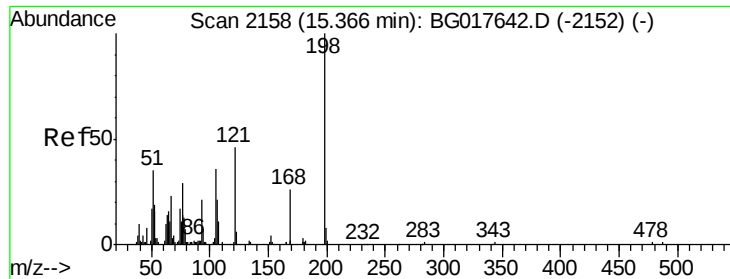
Tgt Ion:172 Resp: 31727
 Ion Ratio Lower Upper
 172 100
 171 26.8 28.2 42.2#
 170 18.6 17.4 26.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.96 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG017676.D
 Acq: 13 Jun 2015 16:31

Tgt Ion:188 Resp: 146687
 Ion Ratio Lower Upper
 188 100
 94 4.1 3.9 5.9
 80 7.5 5.0 7.6

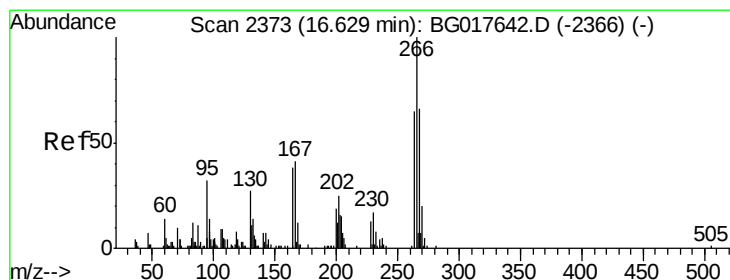
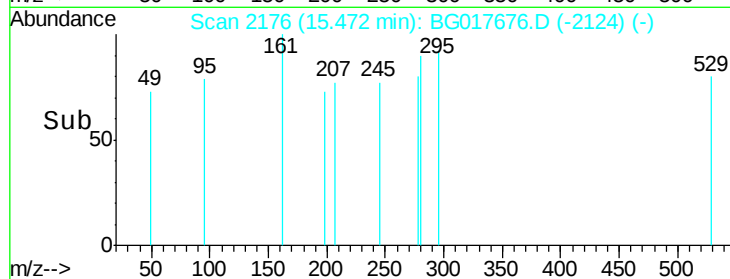
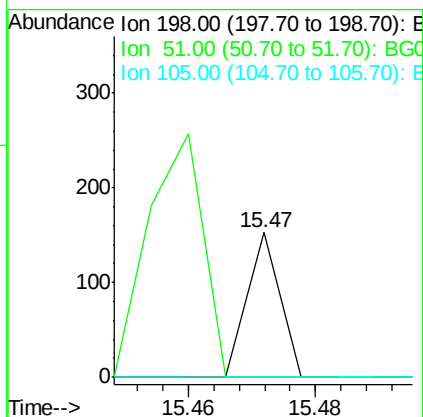
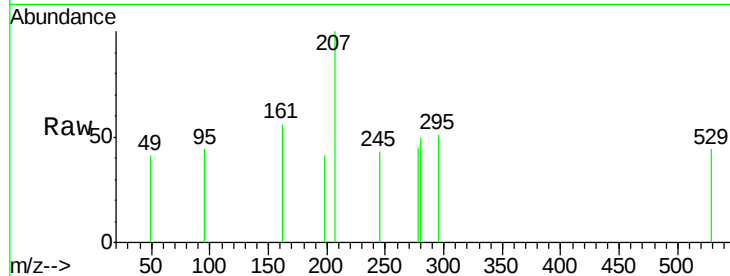




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.30 ng
 RT: 15.47 min Scan# 2176
 Delta R.T. 0.11 min
 Lab File: BG017676.D
 Acq: 13 Jun 2015 16:31

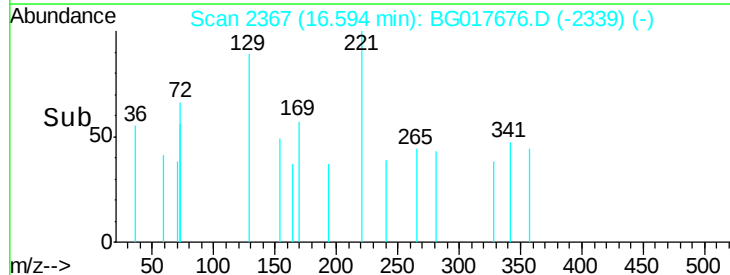
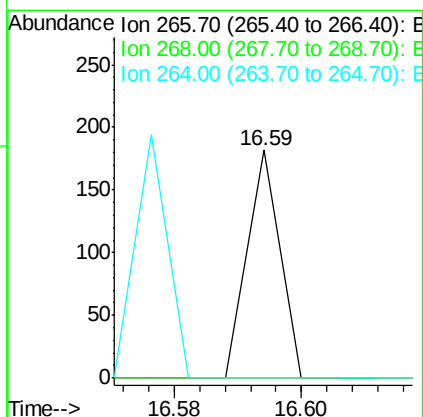
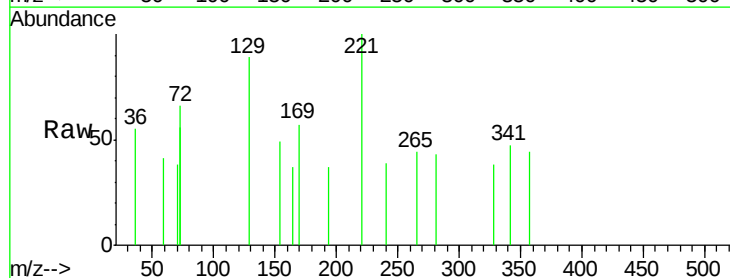
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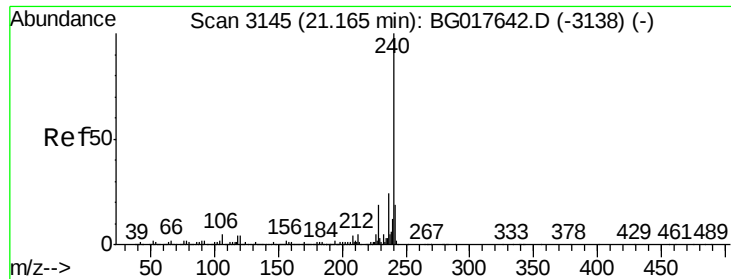
Tgt Ion:198 Resp: 54
 Ion Ratio Lower Upper
 198 100
 51 0.0 16.2 56.2#
 105 0.0 15.7 55.7#



#69
 Pentachlorophenol
 Concen: 6.24 ng
 RT: 16.59 min Scan# 2367
 Delta R.T. -0.03 min
 Lab File: BG017676.D
 Acq: 13 Jun 2015 16:31

Tgt Ion:266 Resp: 64
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.7 79.1#
 264 0.0 52.2 78.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.17 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG017676.D

Acq: 13 Jun 2015 16:31

Instrument :

BNA_G

ClientSampleId :

PB83969BL

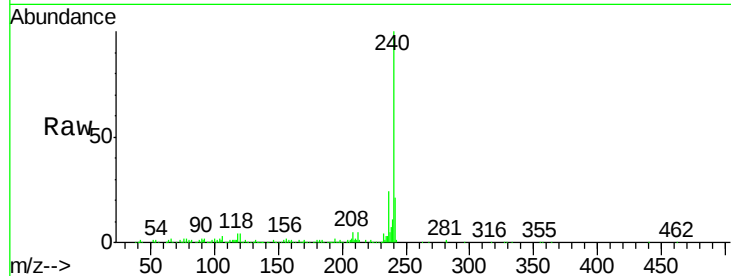
Tgt Ion:240 Resp: 211160

Ion Ratio Lower Upper

240 100

120 4.0 3.5 5.3

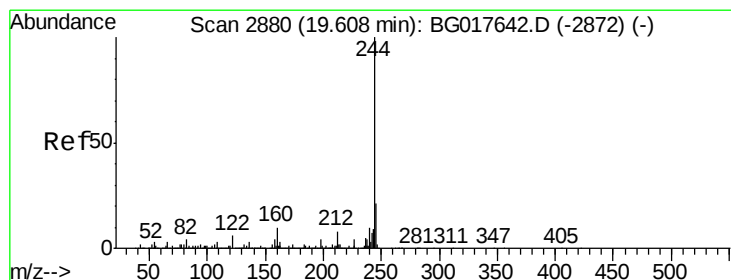
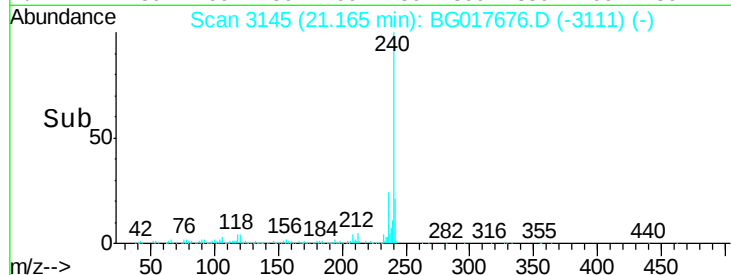
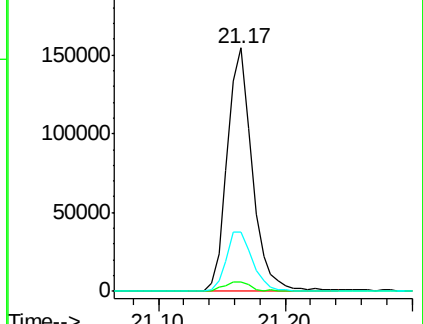
236 24.1 19.5 29.3



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: 8.61 ng

RT: 19.61 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG017676.D

Acq: 13 Jun 2015 16:31

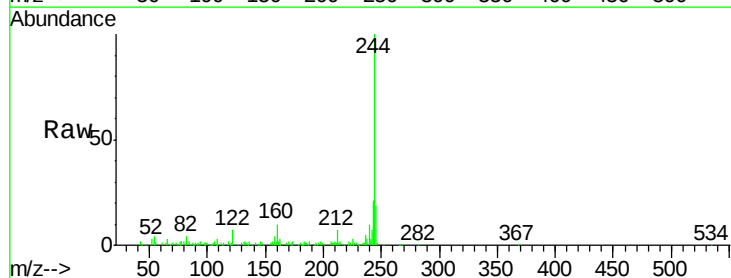
Tgt Ion:244 Resp: 87128

Ion Ratio Lower Upper

244 100

212 6.8 6.3 9.5

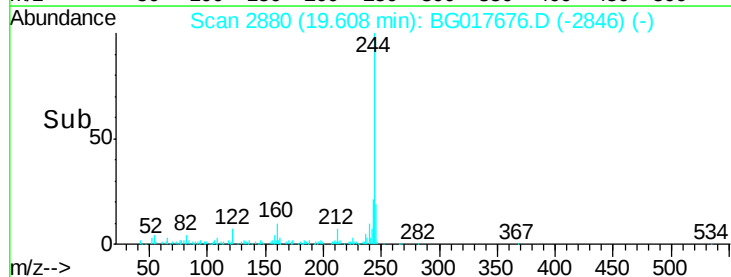
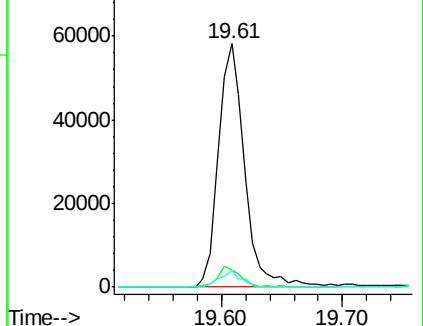
122 7.3 4.6 6.8#

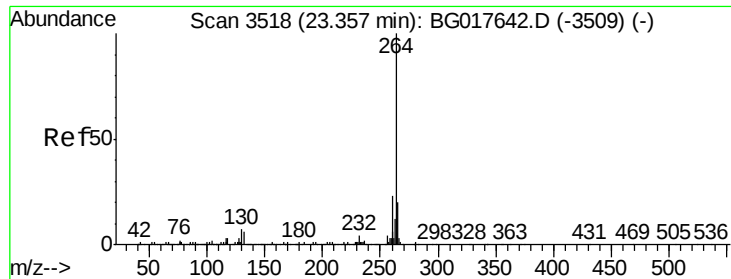


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3519
Delta R.T. 0.01 min
Lab File: BG017676.D
Acq: 13 Jun 2015 16:31

Instrument :
BNA_G
ClientSampleId :
PB83969BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	22.1	16.2	24.2

