

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041415\
 Data File : BG016404.D
 Acq On : 14 Apr 2015 19:38
 Operator : TP/IZ
 Sample : G1826-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Quant Time: Apr 15 03:39:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

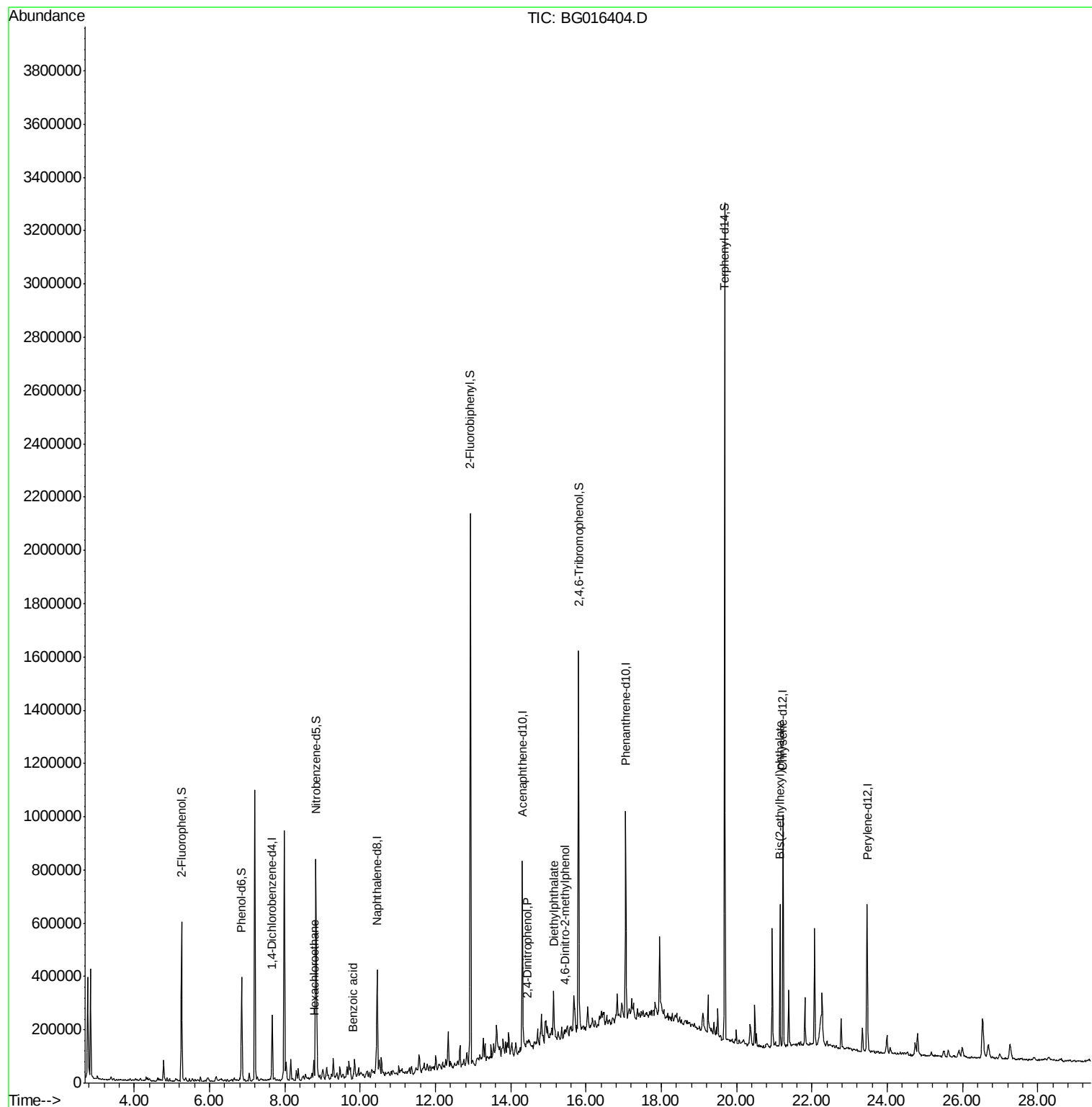
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	68385	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	311177	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	212429	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	392593	20.00	ng	0.00
75) Chrysene-d12	21.24	240	340321	20.00	ng	0.00
86) Perylene-d12	23.47	264	318251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	282102	65.10	ng	0.00
7) Phenol-d6	6.85	99	259147	39.84	ng	0.00
23) Nitrobenzene-d5	8.83	82	469090	87.33	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	197850	137.72	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	1009562	80.92	ng	0.00
78) Terphenyl-d14	19.69	244	1149798	79.07	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.77	117	10662	5.11	ng	# 1
32) Benzoic acid	9.80	122	61	8.75	ng	# 66
53) 2,4-Dinitrophenol	14.45	184	241	8.36	ng	# 1
59) Diethylphthalate	15.14	149	77017	4.65	ng	98
64) 4,6-Dinitro-2-methylphenol	15.45	198	64	3.91	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.15	149	179024	11.36	ng	100

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

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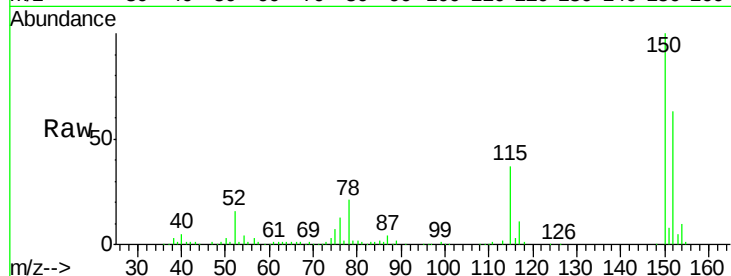


#1

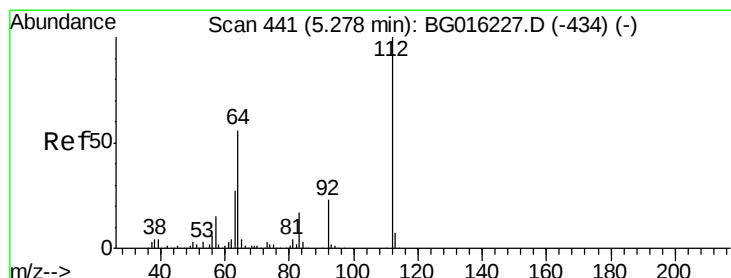
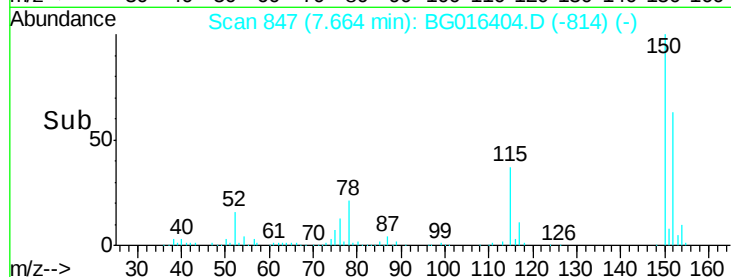
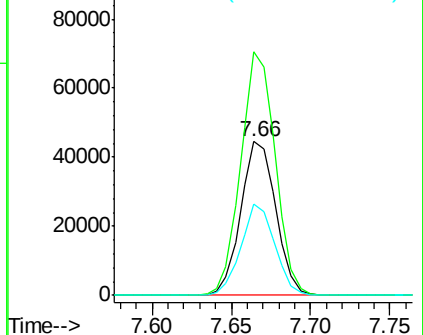
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.66 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG016404.D
 Acq: 14 Apr 2015 19:38

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Tgt Ion:152 Resp: 68385
 Ion Ratio Lower Upper
 152 100
 150 158.4 130.1 195.1
 115 59.4 50.5 75.7



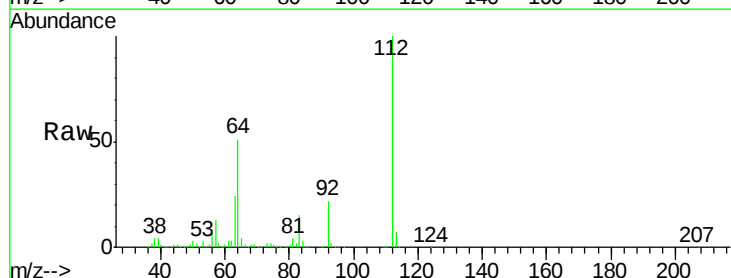
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



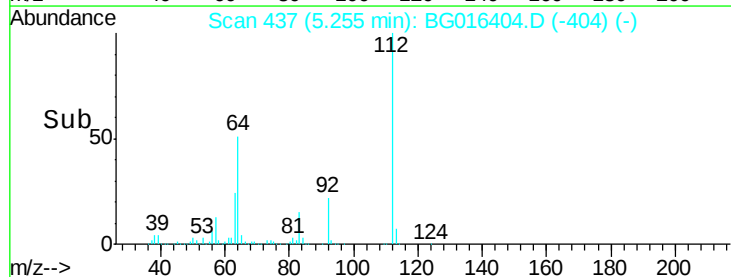
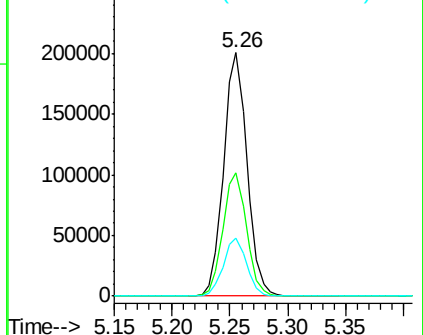
#5

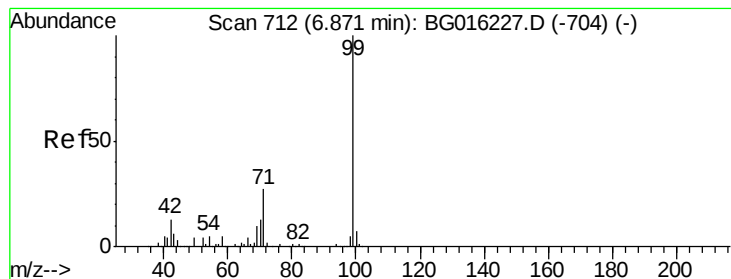
2-Fluorophenol
 Concen: 65.10 ng
 RT: 5.26 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BG016404.D
 Acq: 14 Apr 2015 19:38

Tgt Ion:112 Resp: 282102
 Ion Ratio Lower Upper
 112 100
 64 50.7 44.5 66.7
 63 23.9 21.4 32.0



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: 39.84 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG016404.D

Acq: 14 Apr 2015 19:38

Instrument :

BNA_G

ClientSampleId :

MW-10

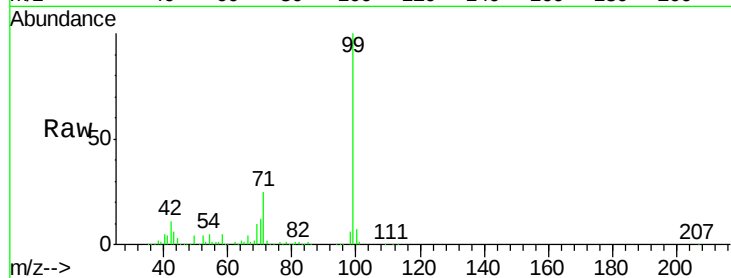
Tgt Ion: 99 Resp: 259147

Ion Ratio Lower Upper

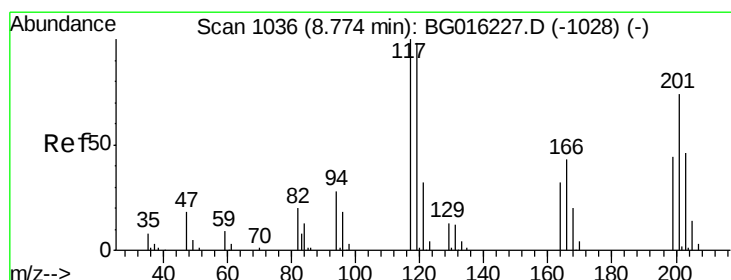
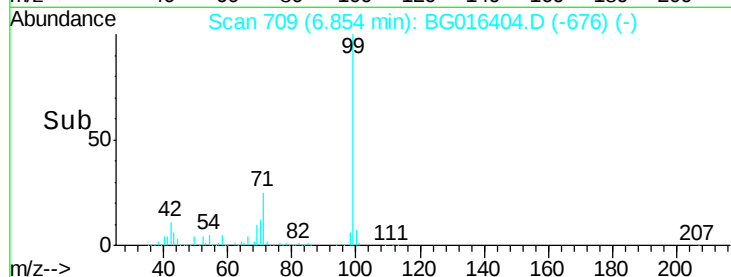
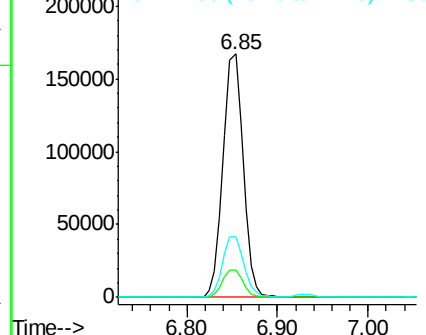
99 100

42 11.0 10.0 15.0

71 24.7 21.5 32.3



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



#18

Hexachloroethane

Concen: 5.11 ng

RT: 8.77 min Scan# 1035

Delta R.T. 0.02 min

Lab File: BG016404.D

Acq: 14 Apr 2015 19:38

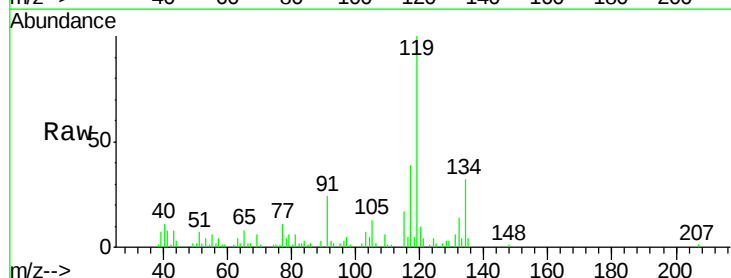
Tgt Ion: 117 Resp: 10662

Ion Ratio Lower Upper

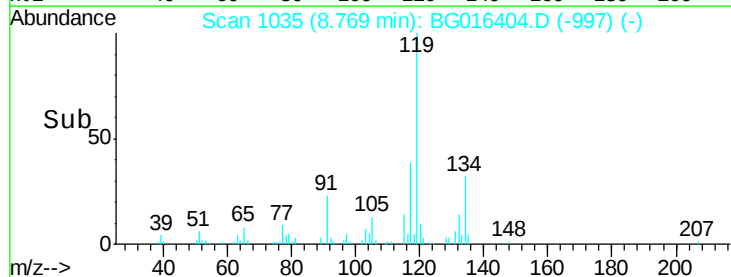
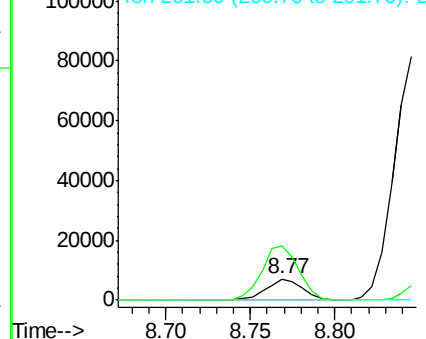
117 100

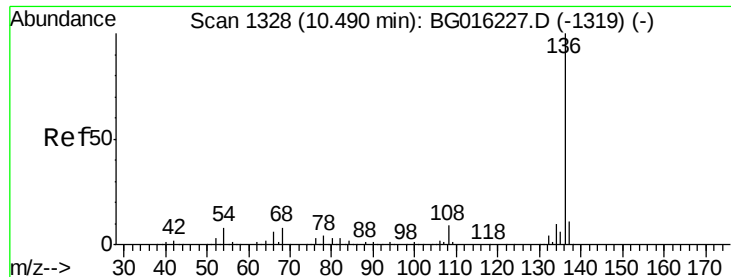
119 255.1 78.8 118.2#

201 0.0 59.0 88.4#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.46 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG016404.D

Acq: 14 Apr 2015 19:38

Instrument :

BNA_G

ClientSampled :

MW-10

Tgt Ion:136 Resp: 311177

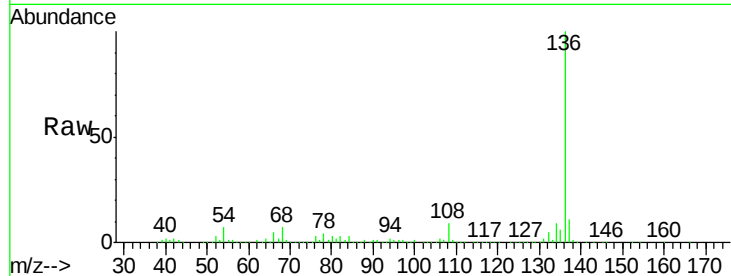
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.2 6.3 9.5

68 7.2 6.5 9.7

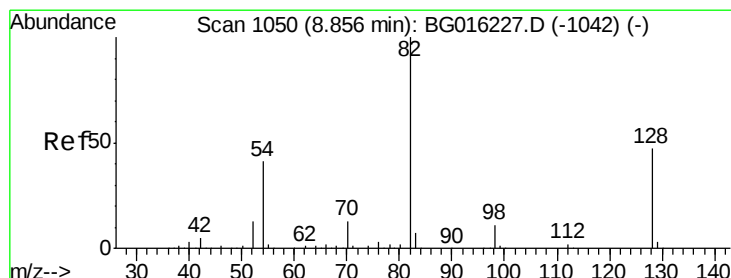
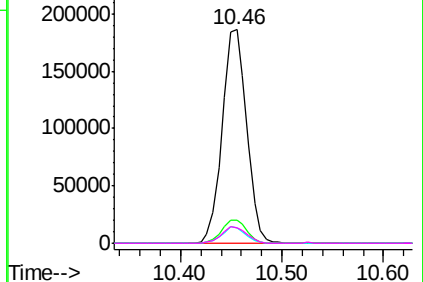
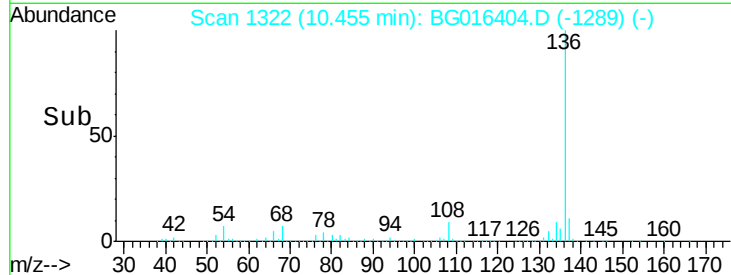


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



#23

Nitrobenzene-d5

Concen: 87.33 ng

RT: 8.83 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG016404.D

Acq: 14 Apr 2015 19:38

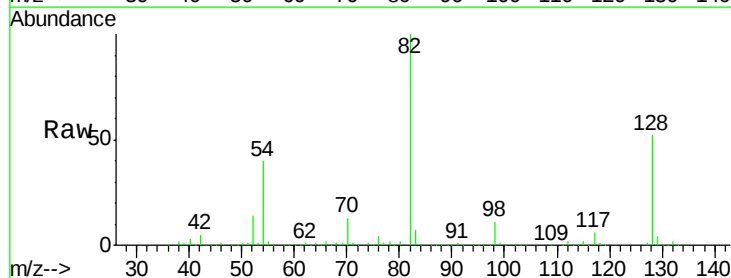
Tgt Ion: 82 Resp: 469090

Ion Ratio Lower Upper

82 100

128 52.2 37.8 56.8

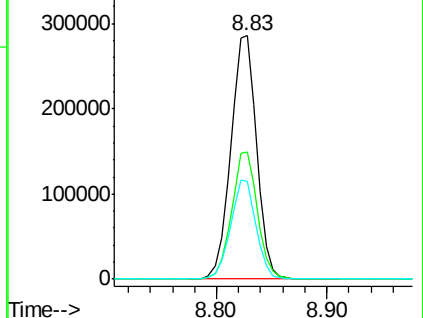
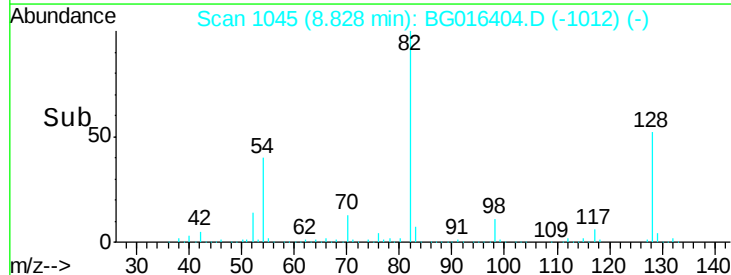
54 39.9 32.6 49.0

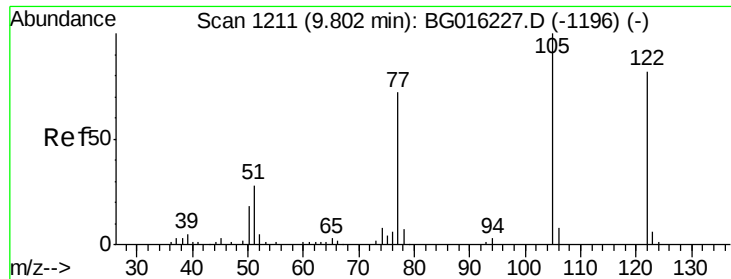


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B

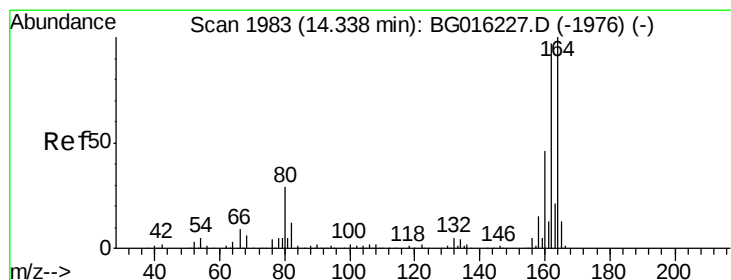
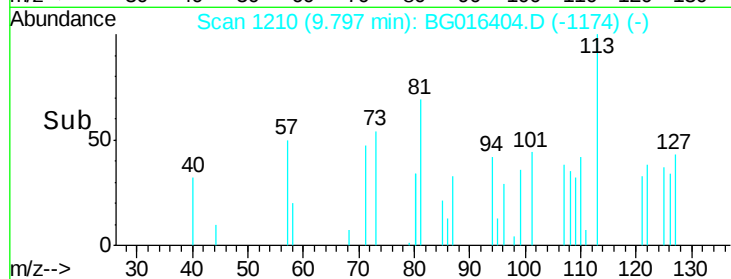
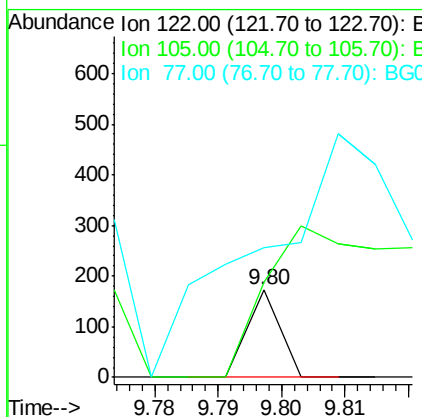
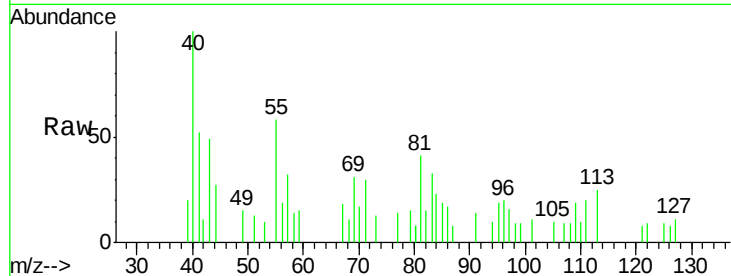




#32
Benzoic acid
Concen: 8.75 ng
RT: 9.80 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BG016404.D
Acq: 14 Apr 2015 19:38

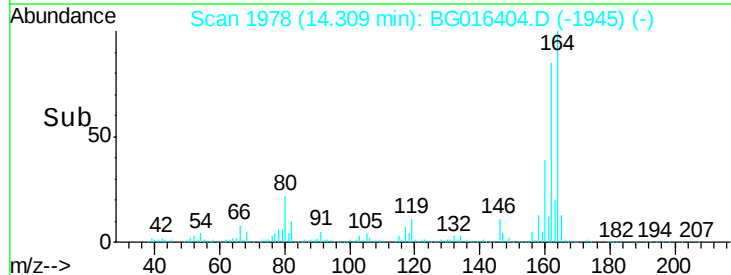
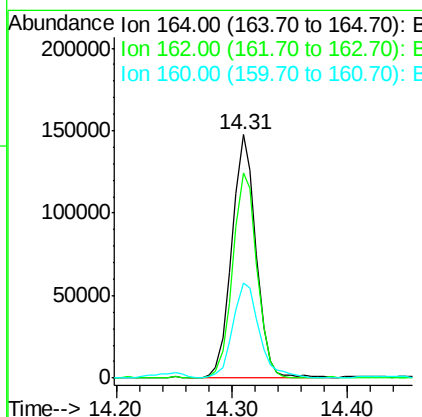
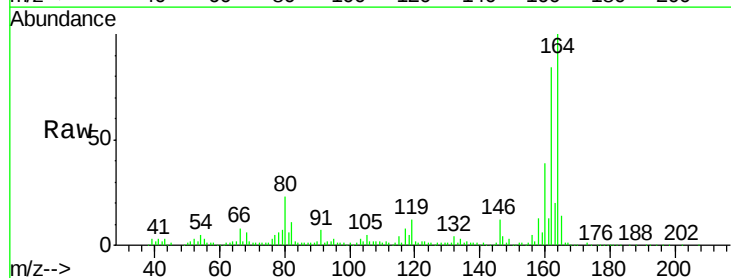
Instrument :
BNA_G
ClientSampleId :
MW-10

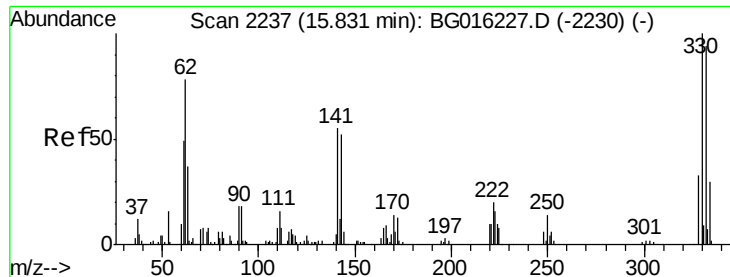
Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 108.7 99.7 139.7
77 148.6 66.8 106.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.31 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG016404.D
Acq: 14 Apr 2015 19:38

Tgt Ion:164 Resp: 212429
Ion Ratio Lower Upper
164 100
162 84.4 77.3 115.9
160 39.1 36.7 55.1

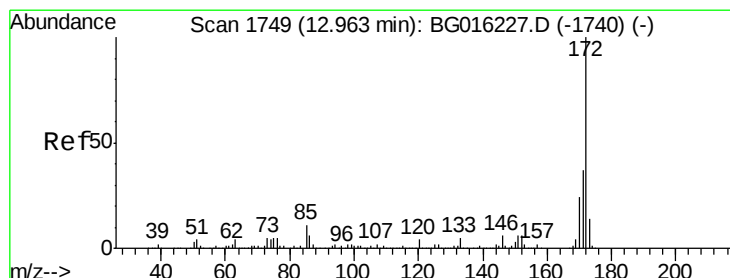
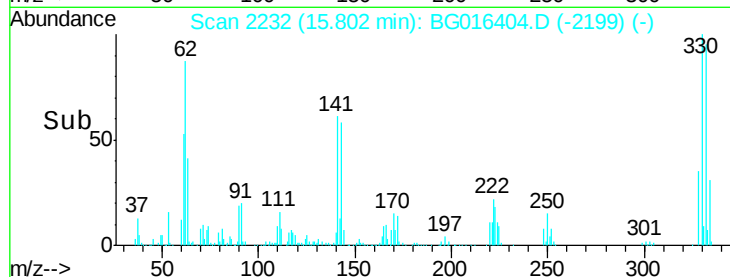
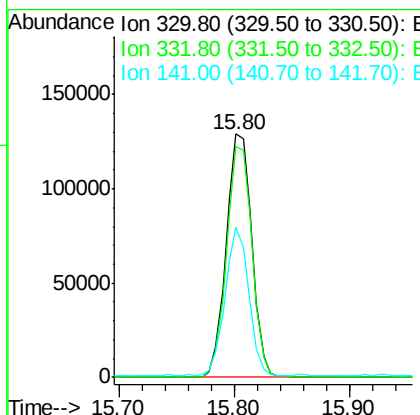
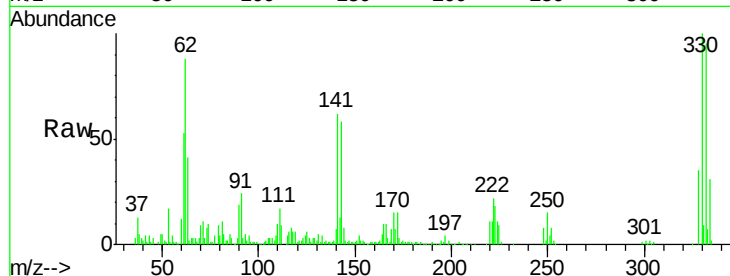




#41
 2,4,6-Tribromophenol
 Concen: 137.72 ng
 RT: 15.80 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG016404.D
 Acq: 14 Apr 2015 19:38

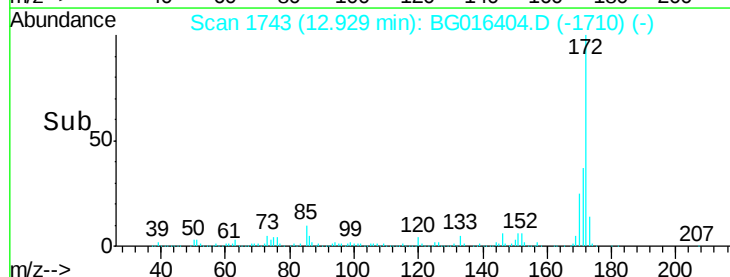
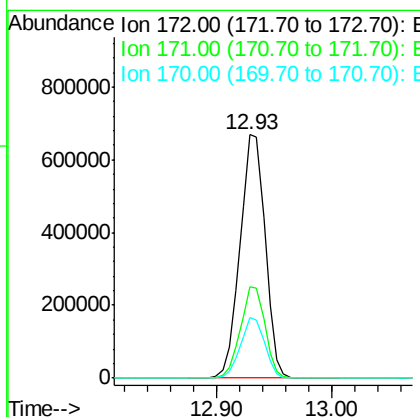
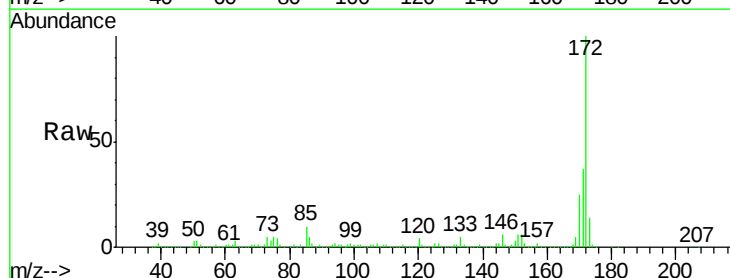
Instrument :
 BNA_G
 ClientSampleId :
 MW-10

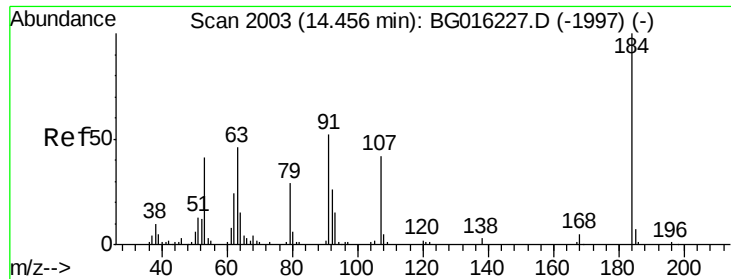
Tgt Ion:330 Resp: 197850
 Ion Ratio Lower Upper
 330 100
 332 94.4 75.8 113.6
 141 56.9 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 80.92 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016404.D
 Acq: 14 Apr 2015 19:38

Tgt Ion:172 Resp: 1009562
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 24.9 19.4 29.2





#53

2,4-Dinitrophenol

Concen: 8.36 ng

RT: 14.45 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BG016404.D

Acq: 14 Apr 2015 19:38

Instrument :

BNA_G

ClientSampled :

MW-10

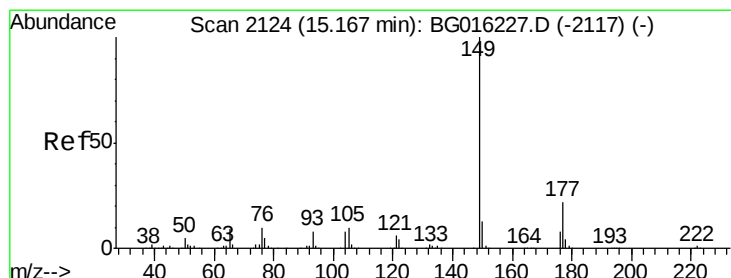
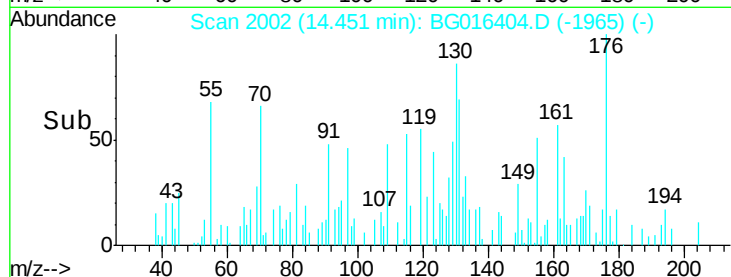
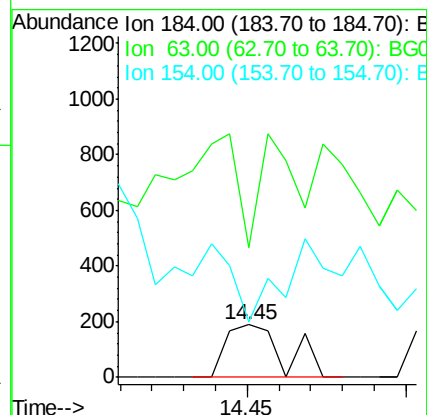
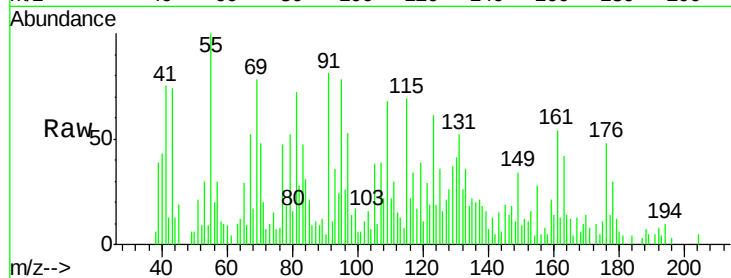
Tgt Ion:184 Resp: 241

Ion Ratio Lower Upper

184 100

63 245.3 45.8 68.6#

154 104.2 34.5 51.7#



#59

Diethylphthalate

Concen: 4.65 ng

RT: 15.14 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG016404.D

Acq: 14 Apr 2015 19:38

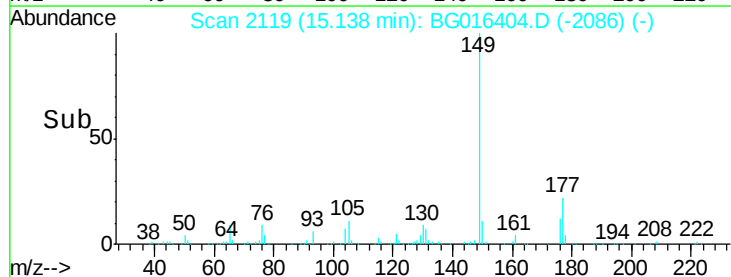
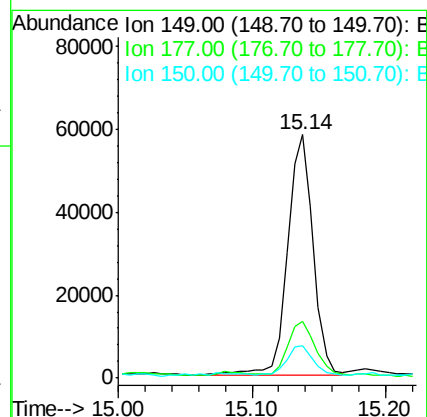
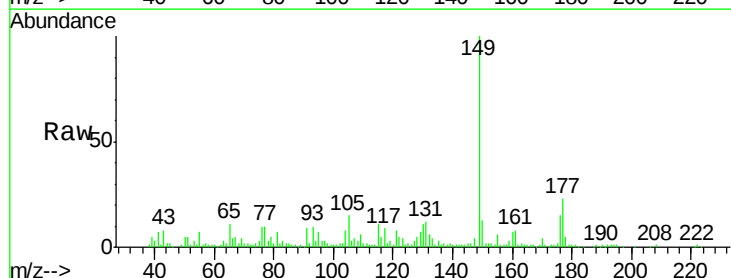
Tgt Ion:149 Resp: 77017

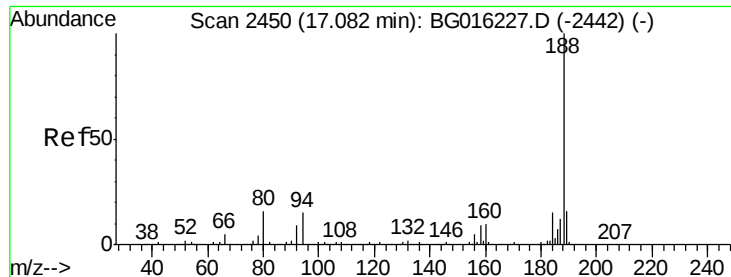
Ion Ratio Lower Upper

149 100

177 23.1 17.7 26.5

150 13.1 10.0 15.0

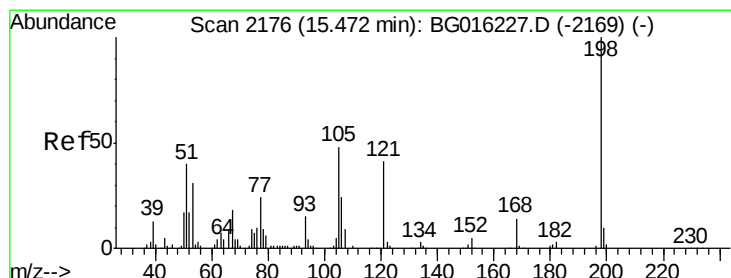
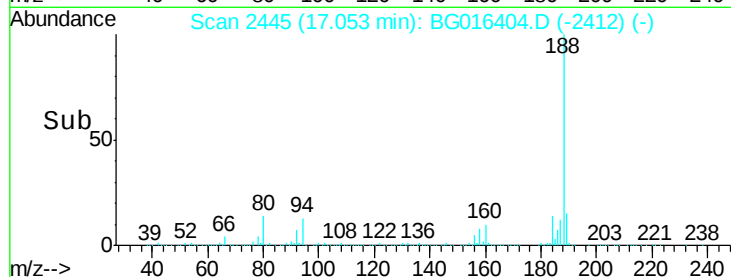
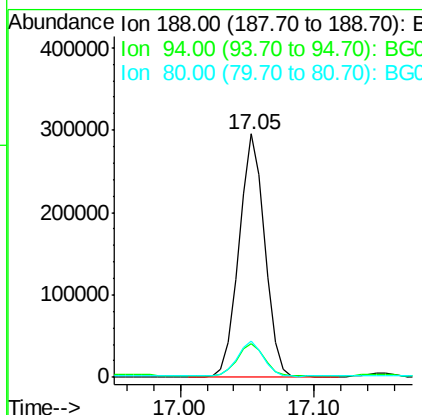
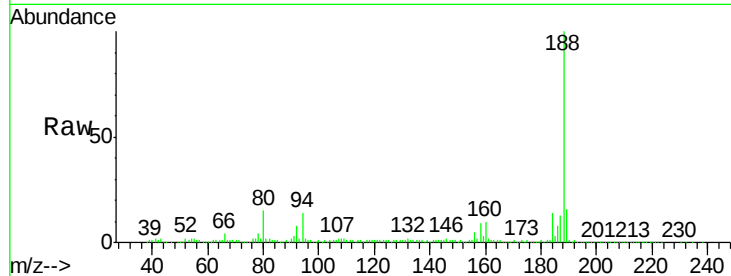




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG016404.D
Acq: 14 Apr 2015 19:38

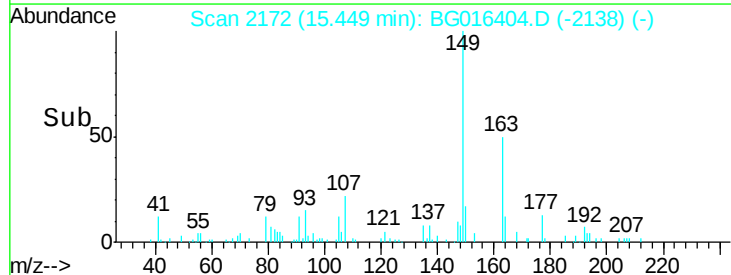
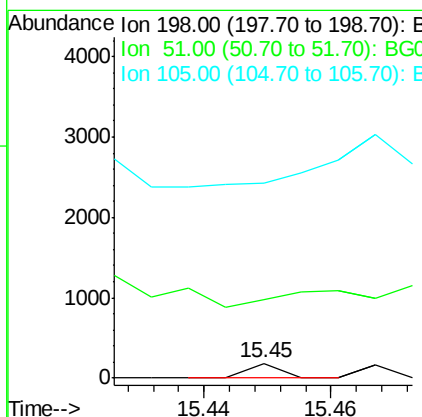
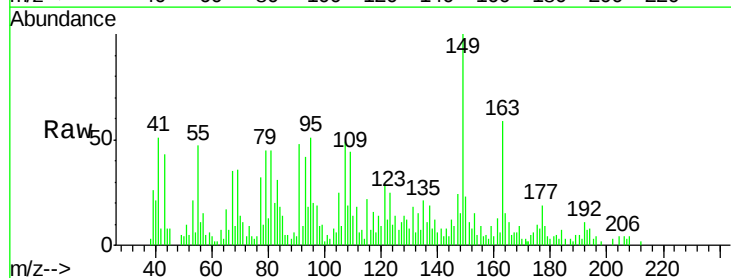
Instrument :
BNA_G
ClientSampleId :
MW-10

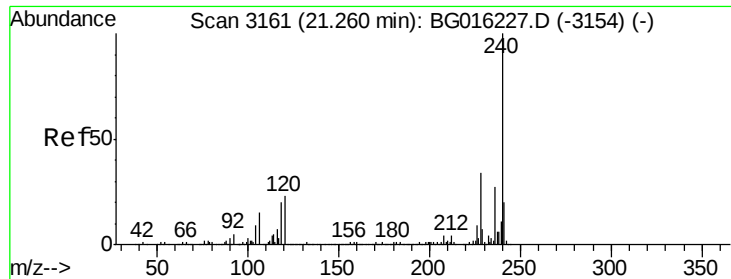
Tgt Ion:188 Resp: 392593
Ion Ratio Lower Upper
188 100
94 13.9 12.2 18.4
80 14.9 12.8 19.2



#64
4,6-Dinitro-2-methylphenol
Concen: 3.91 ng
RT: 15.45 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG016404.D
Acq: 14 Apr 2015 19:38

Tgt Ion:198 Resp: 64
Ion Ratio Lower Upper
198 100
51 537.4 20.7 60.7#
105 1330.8 28.8 68.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG016404.D

Acq: 14 Apr 2015 19:38

Instrument :

BNA_G

ClientSampleId :

MW-10

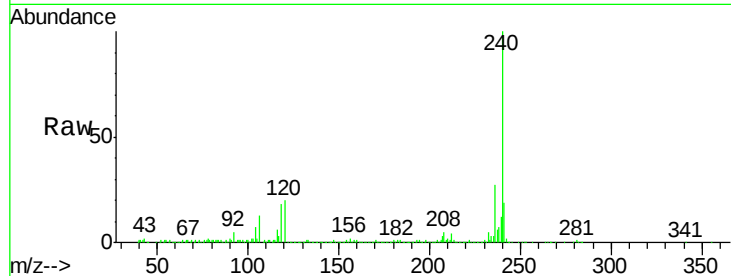
Tgt Ion:240 Resp: 340321

Ion Ratio Lower Upper

240 100

120 20.1 18.6 28.0

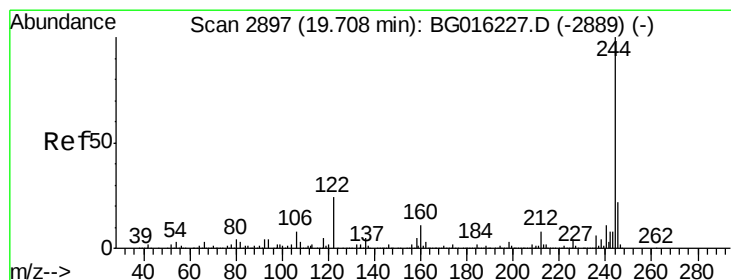
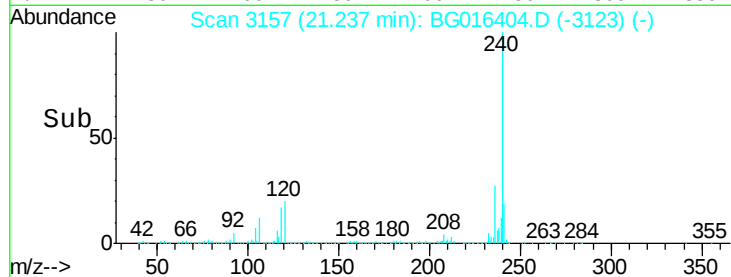
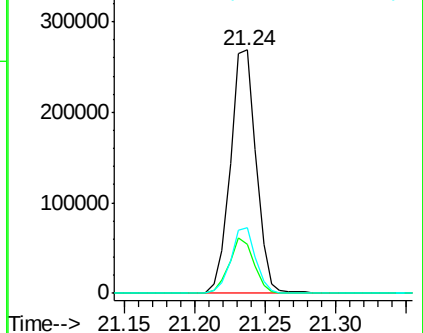
236 27.2 21.7 32.5



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: 79.07 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016404.D

Acq: 14 Apr 2015 19:38

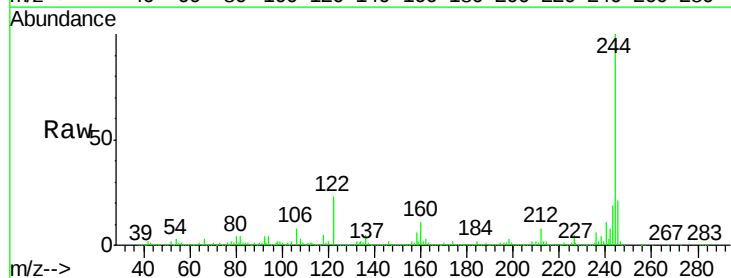
Tgt Ion:244 Resp: 1149798

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

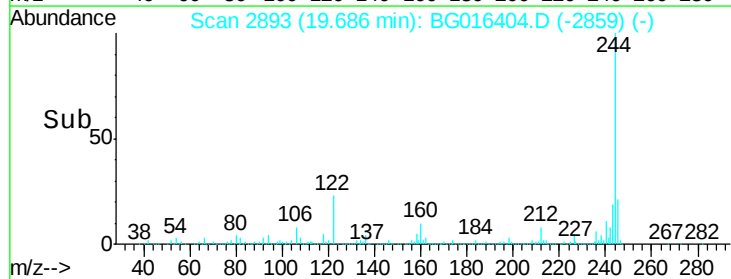
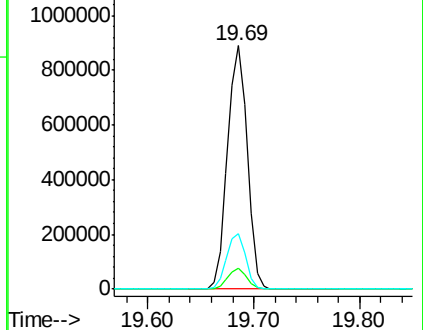
122 22.7 19.1 28.7

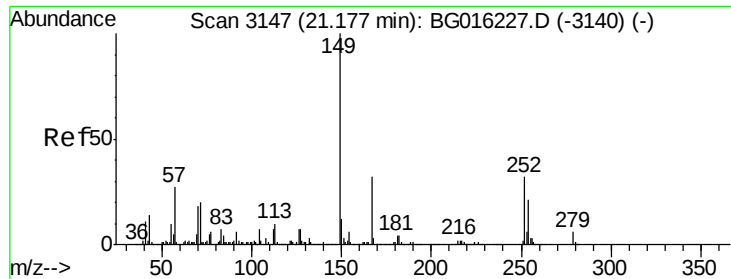


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 11.36 ng

RT: 21.15 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG016404.D

Acq: 14 Apr 2015 19:38

Instrument :

BNA_G

ClientSampleId :

MW-10

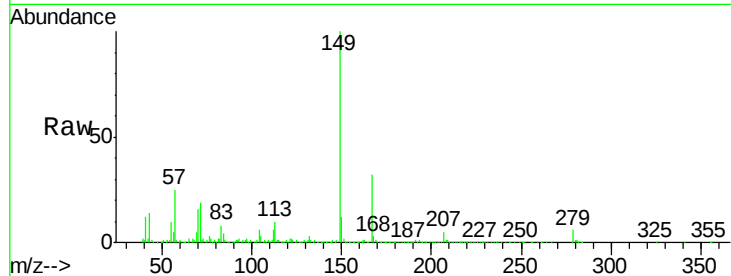
Tgt Ion:149 Resp: 179024

Ion Ratio Lower Upper

149 100

167 32.2 25.8 38.6

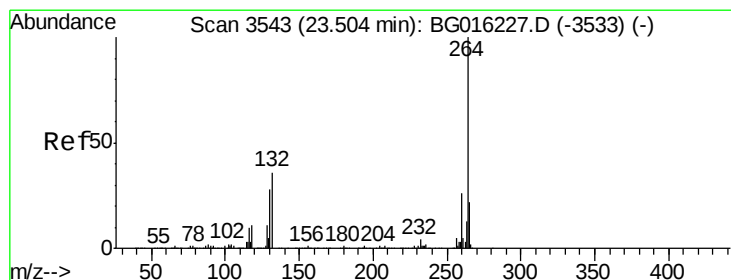
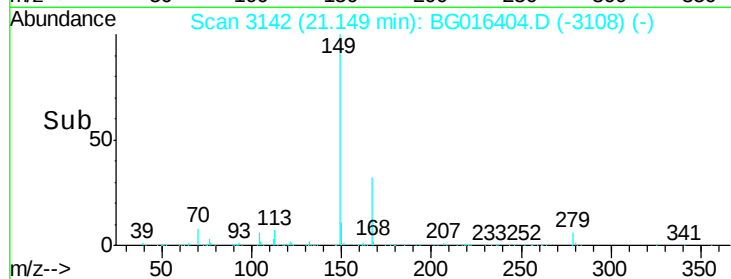
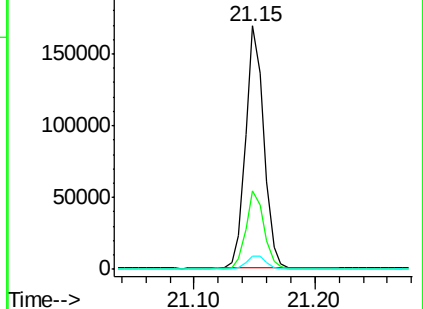
279 5.6 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.47 min Scan# 3537

Delta R.T. 0.00 min

Lab File: BG016404.D

Acq: 14 Apr 2015 19:38

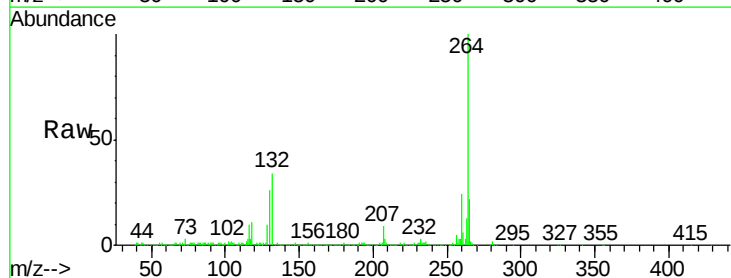
Tgt Ion:264 Resp: 318251

Ion Ratio Lower Upper

264 100

260 24.1 20.4 30.6

265 21.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

