

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
 Data File : BG016340.D
 Acq On : 11 Apr 2015 6:30
 Operator : TP/IZ
 Sample : G1806-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-08

Quant Time: Apr 13 03:33:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

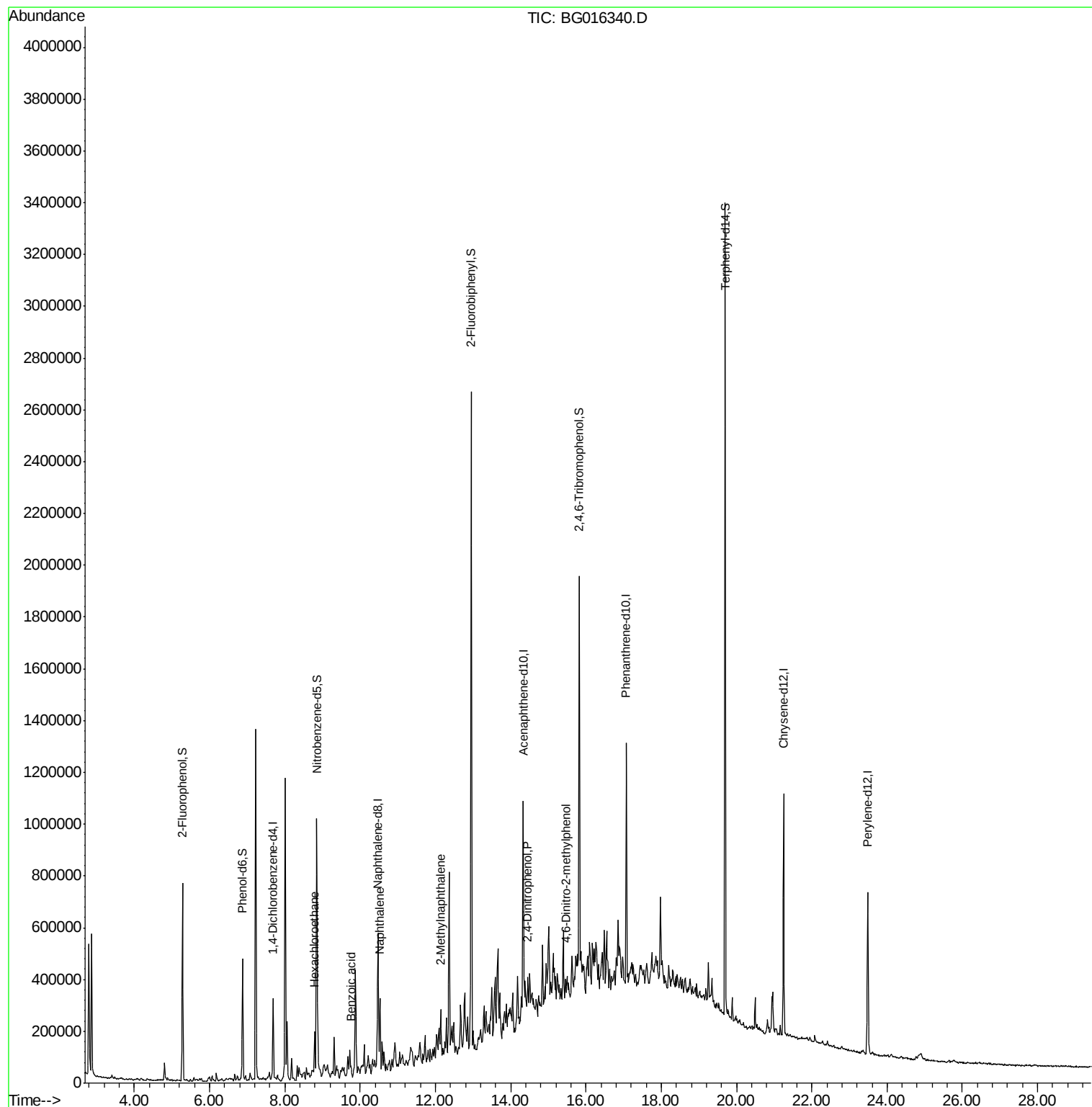
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	85516	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	408258	20.00	ng	-0.01
38) Acenaphthene-d10	14.33	164	251831	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	463361	20.00	ng	0.00
75) Chrysene-d12	21.25	240	388233	20.00	ng	0.00
86) Perylene-d12	23.49	264	357342	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	357762	66.03	ng	0.00
7) Phenol-d6	6.88	99	322336	39.63	ng	0.00
23) Nitrobenzene-d5	8.85	82	594904	84.41	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	218731	128.43	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1203982	81.40	ng	0.00
78) Terphenyl-d14	19.70	244	1199479	72.31	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.79	117	33358	12.79	ng	# 10
31) Naphthalene	10.53	128	157802	7.42	ng	97
32) Benzoic acid	9.76	122	3783	9.46	ng	# 60
37) 2-Methylnaphthalene	12.14	142	71226	4.65	ng	99
53) 2,4-Dinitrophenol	14.44	184	62	8.28	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.48	198	282	3.97	ng	# 1

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

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BNA_G
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Quant Time: Apr 13 03:33:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 04:17:17 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. -0.01 min

Lab File: BG016340.D

Acq: 11 Apr 2015 6:30

Instrument :

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ClientSampleId :

MW-08

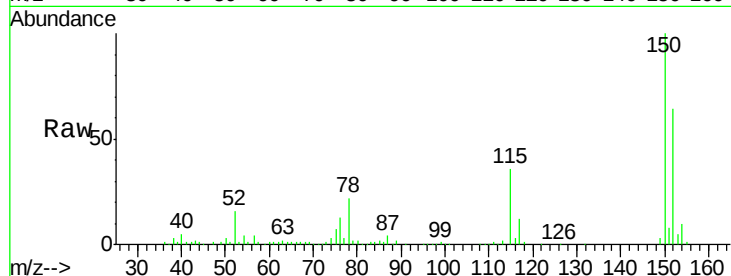
Tgt Ion:152 Resp: 85516

Ion Ratio Lower Upper

152 100

150 156.2 130.1 195.1

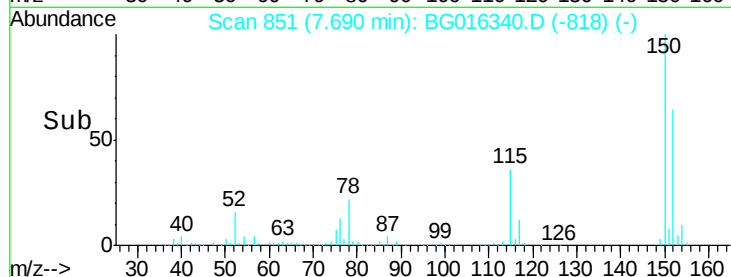
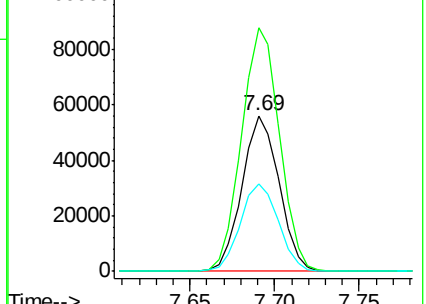
115 56.2 50.5 75.7



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: 66.03 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG016340.D

Acq: 11 Apr 2015 6:30

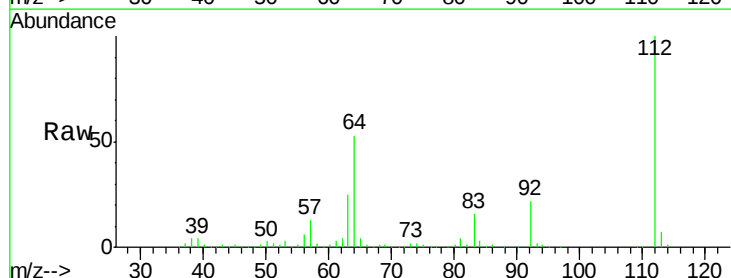
Tgt Ion:112 Resp: 357762

Ion Ratio Lower Upper

112 100

64 52.7 44.5 66.7

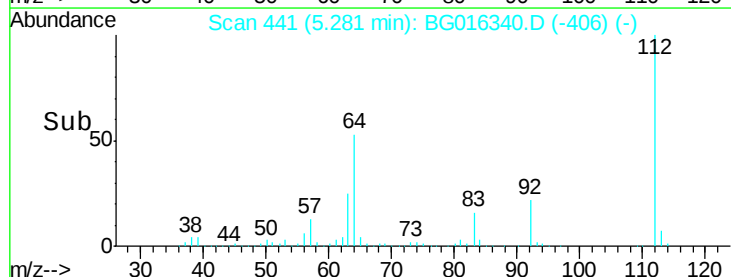
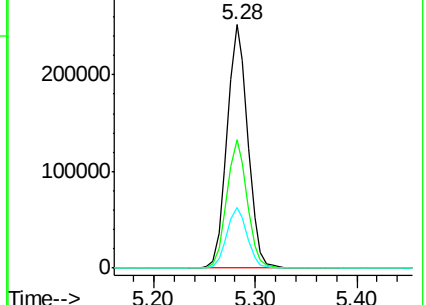
63 24.7 21.4 32.0

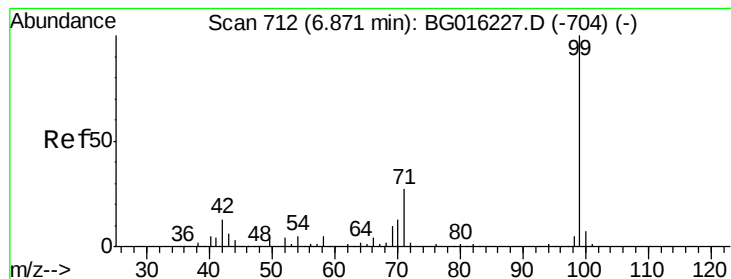


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.63 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG016340.D

Acq: 11 Apr 2015 6:30

Instrument :

BNA_G

ClientSampled :

MW-08

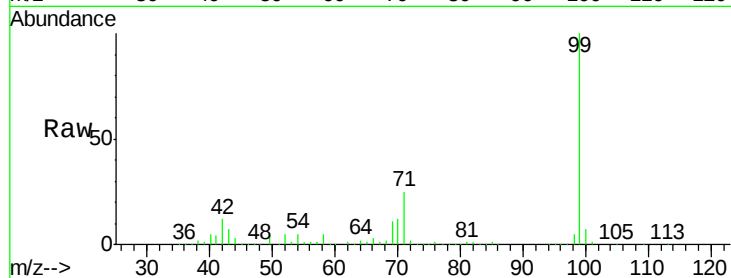
Tgt Ion: 99 Resp: 322336

Ion Ratio Lower Upper

99 100

42 11.7 10.0 15.0

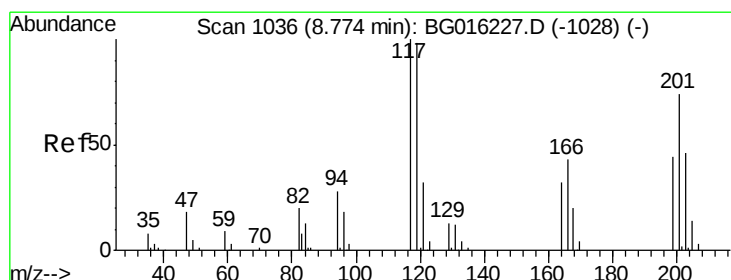
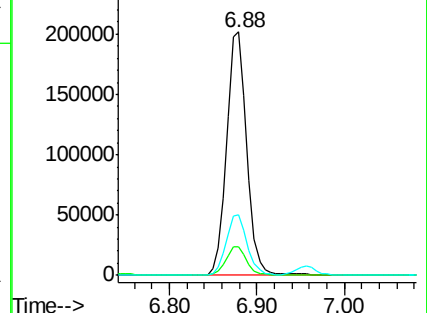
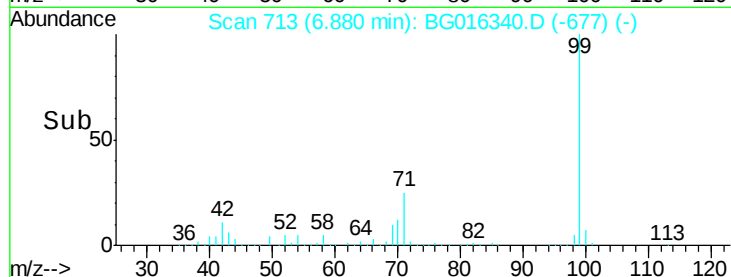
71 25.1 21.5 32.3



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: 12.79 ng

RT: 8.79 min Scan# 1039

Delta R.T. 0.02 min

Lab File: BG016340.D

Acq: 11 Apr 2015 6:30

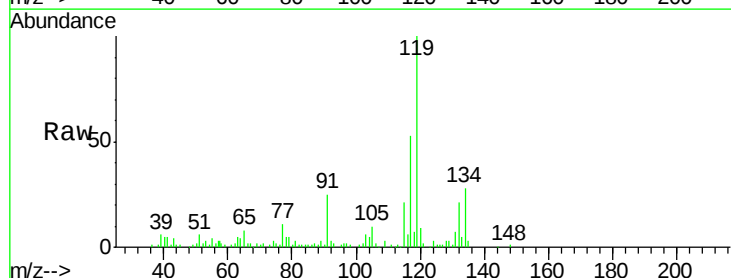
Tgt Ion: 117 Resp: 33358

Ion Ratio Lower Upper

117 100

119 190.3 78.8 118.2#

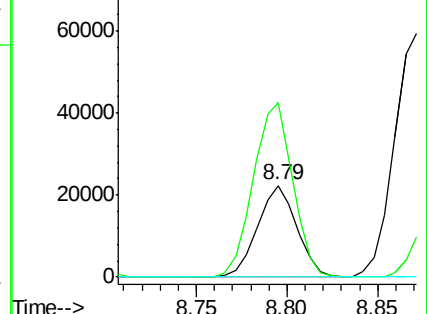
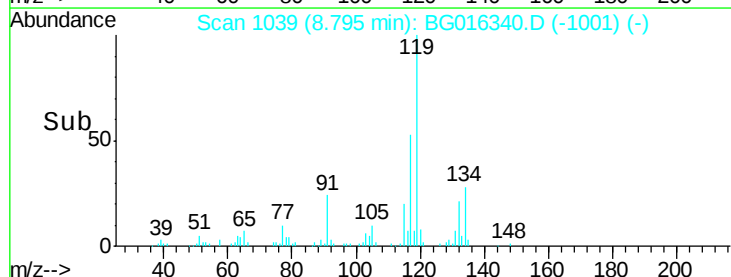
201 0.0 59.0 88.4#

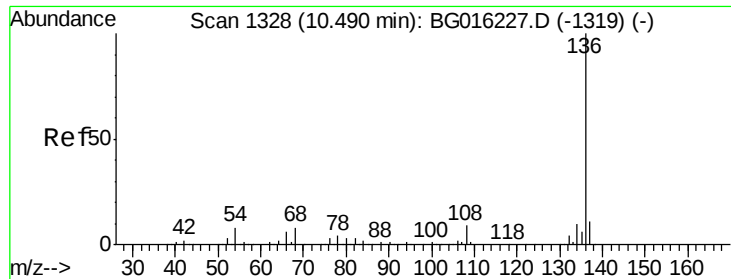


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

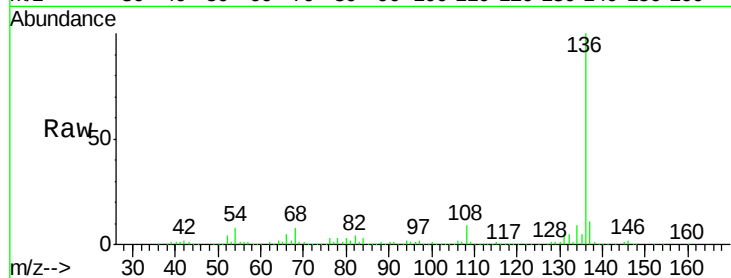




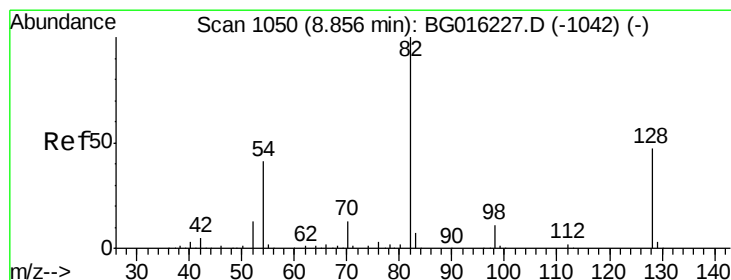
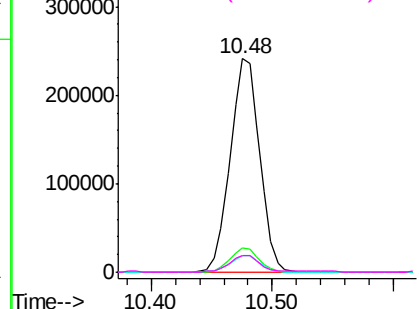
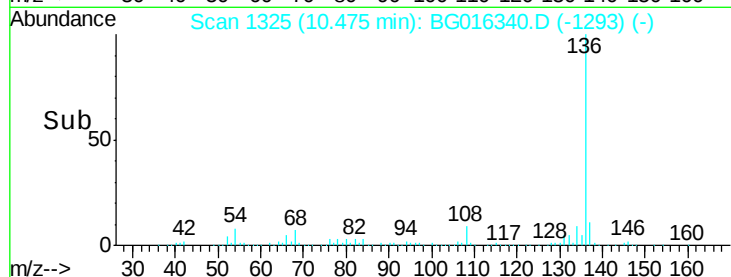
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG016340.D
Acq: 11 Apr 2015 6:30

Instrument :
BNA_G
ClientSampleId :
MW-08

Tgt Ion:	136	Resp:	408258
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.8	6.3	9.5
68	7.6	6.5	9.7

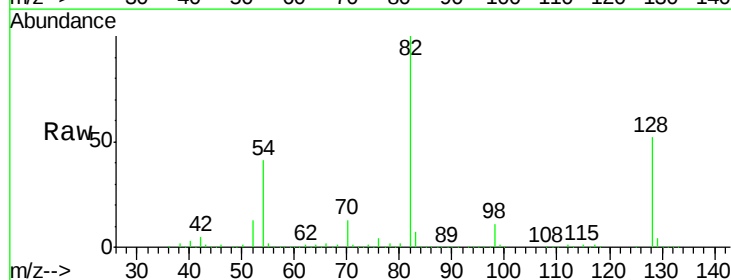


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

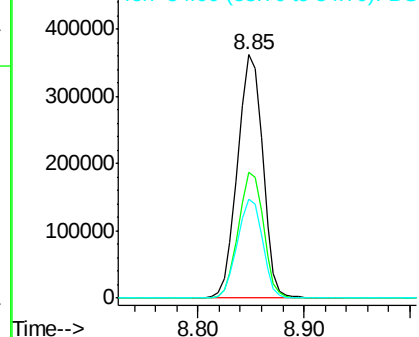
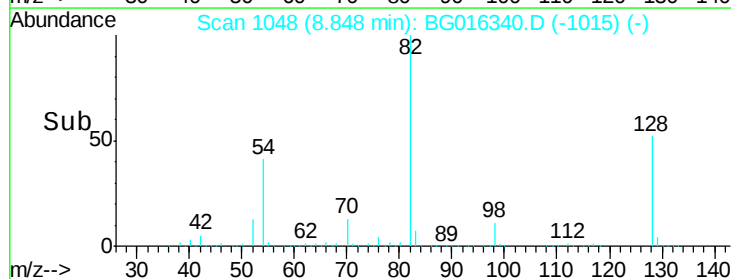


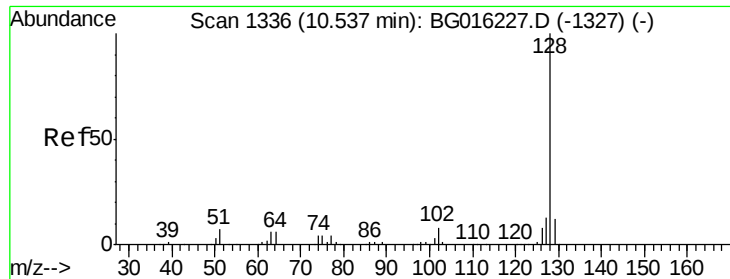
#23
Nitrobenzene-d5
Concen: 84.41 ng
RT: 8.85 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG016340.D
Acq: 11 Apr 2015 6:30

Tgt Ion:	82	Resp:	594904
Ion	Ratio	Lower	Upper
82	100		
128	51.7	37.8	56.8
54	40.6	32.6	49.0



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

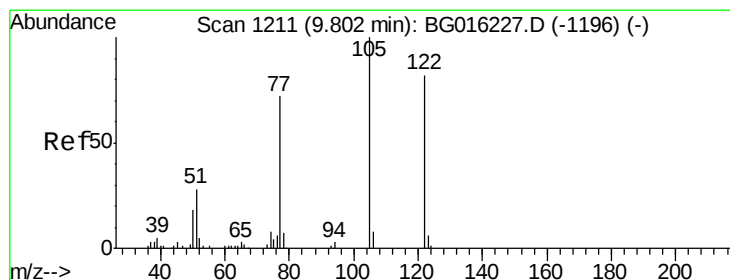
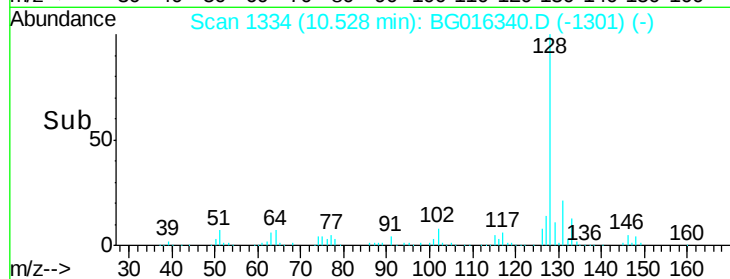
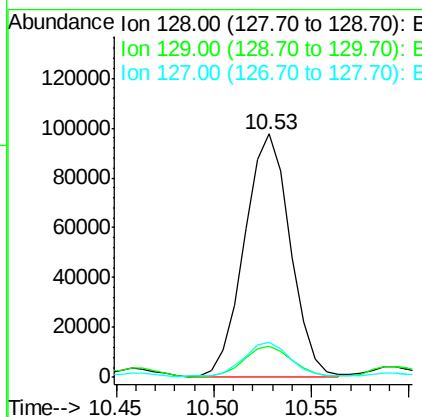
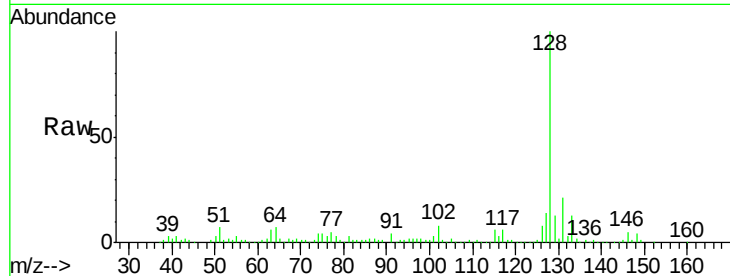




#31
Naphthalene
Concen: 7.42 ng
RT: 10.53 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG016340.D
Acq: 11 Apr 2015 6:30

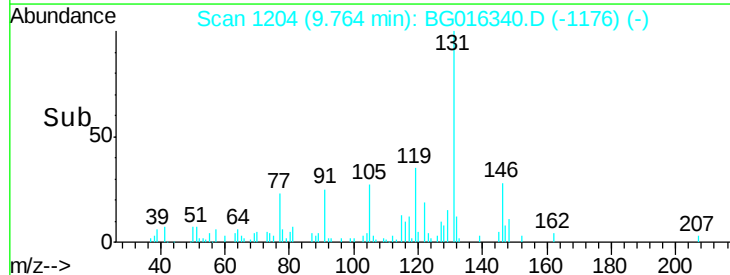
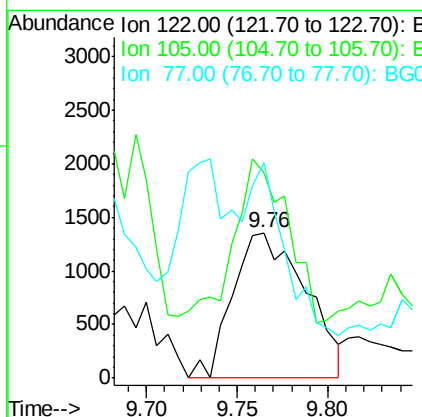
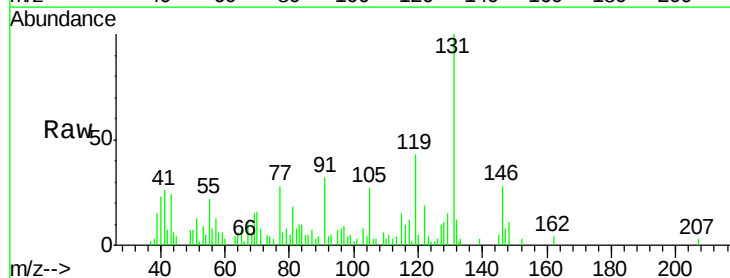
Instrument :
BNA_G
ClientSampleId :
MW-08

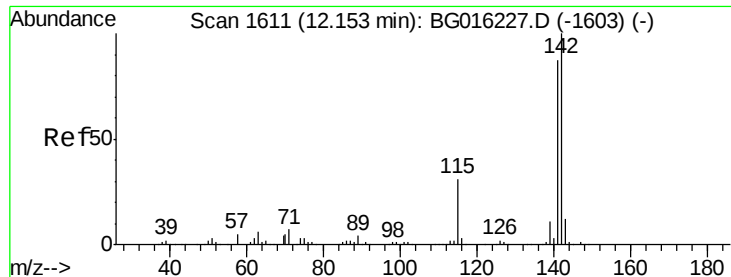
Tgt Ion:128 Resp: 157802
Ion Ratio Lower Upper
128 100
129 12.7 9.2 13.8
127 14.4 10.6 16.0



#32
Benzoic acid
Concen: 9.46 ng
RT: 9.76 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BG016340.D
Acq: 11 Apr 2015 6:30

Tgt Ion:122 Resp: 3783
Ion Ratio Lower Upper
122 100
105 141.7 99.7 139.7#
77 148.5 66.8 106.8#

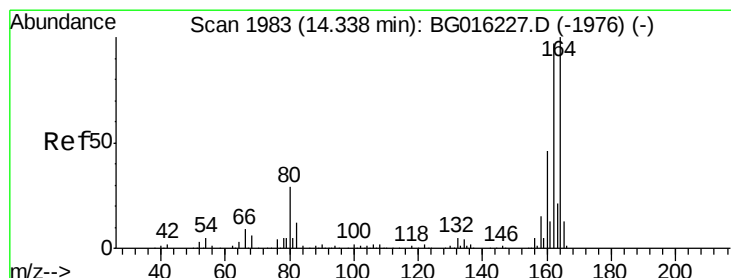
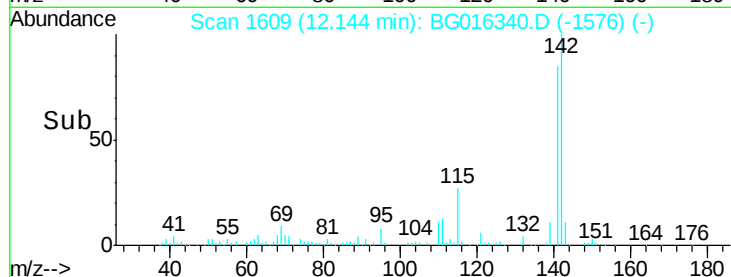
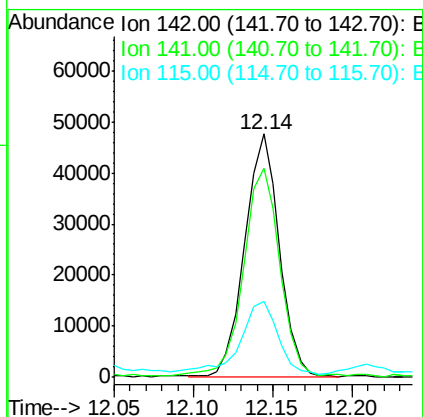
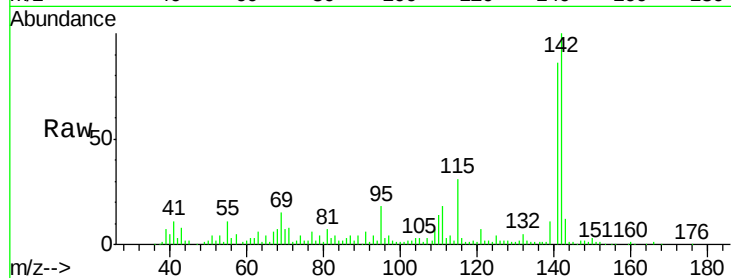




#37
 2-Methylnaphthalene
 Concen: 4.65 ng
 RT: 12.14 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BG016340.D
 Acq: 11 Apr 2015 6:30

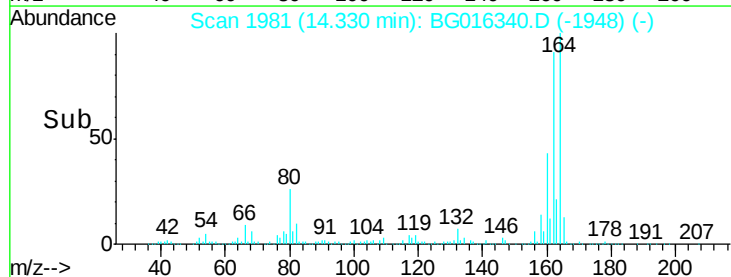
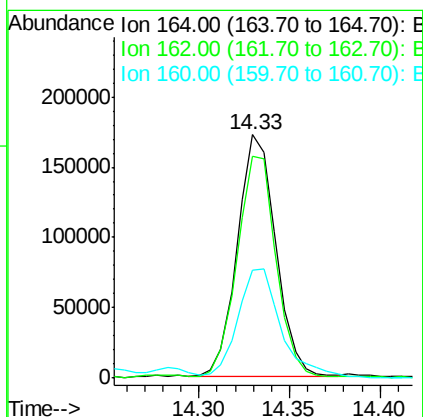
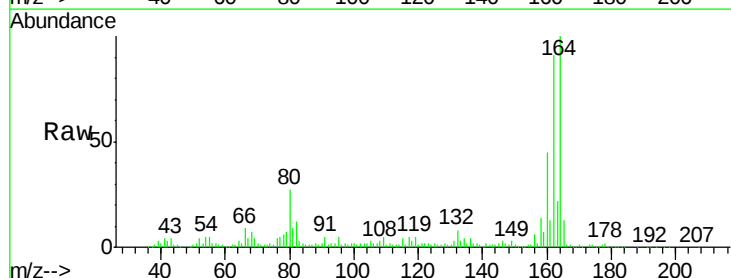
Instrument :
 BNA_G
 ClientSampleId :
 MW-08

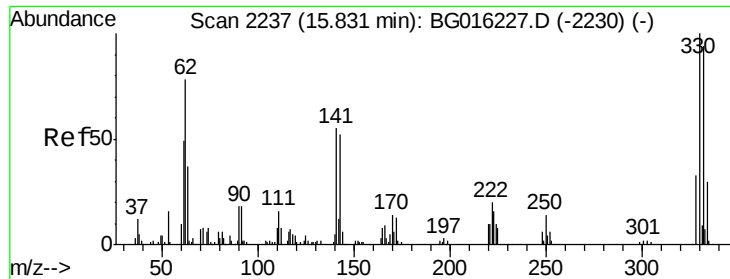
Tgt Ion:142 Resp: 71226
 Ion Ratio Lower Upper
 142 100
 141 85.6 69.3 103.9
 115 30.9 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG016340.D
 Acq: 11 Apr 2015 6:30

Tgt Ion:164 Resp: 251831
 Ion Ratio Lower Upper
 164 100
 162 91.0 77.3 115.9
 160 44.5 36.7 55.1

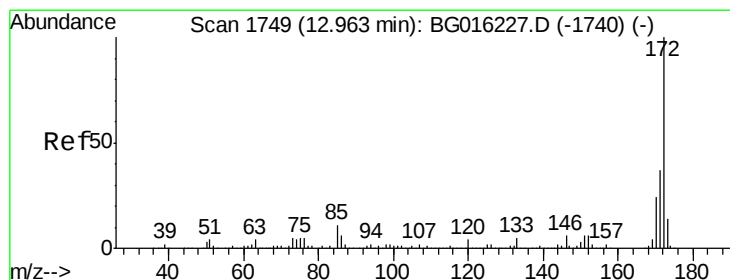
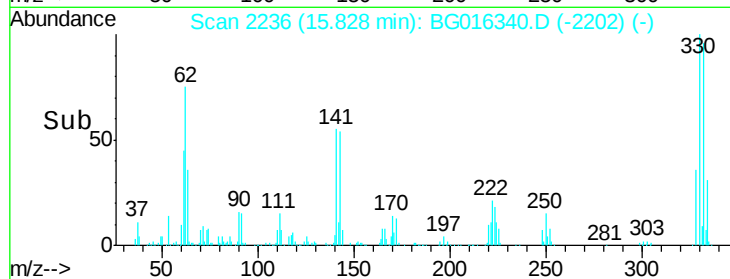
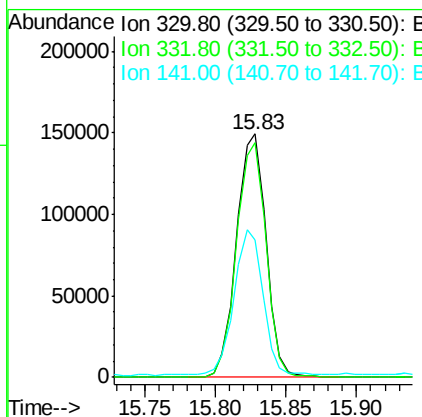
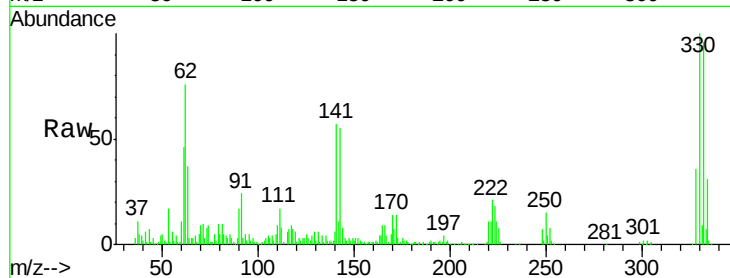




#41
 2,4,6-Tribromophenol
 Concen: 128.43 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG016340.D
 Acq: 11 Apr 2015 6:30

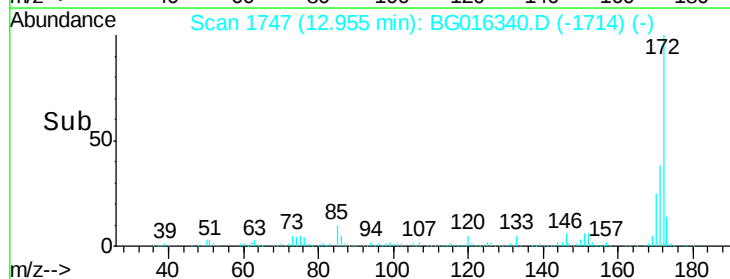
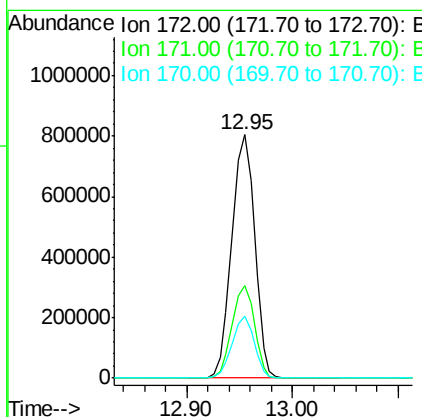
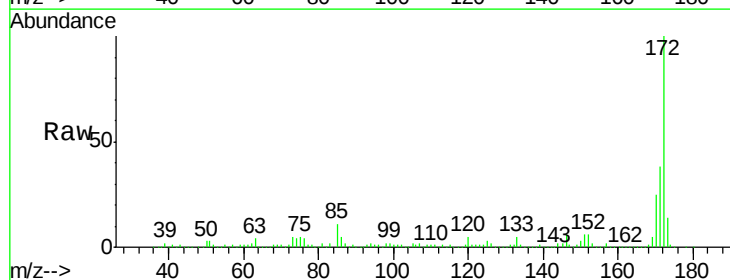
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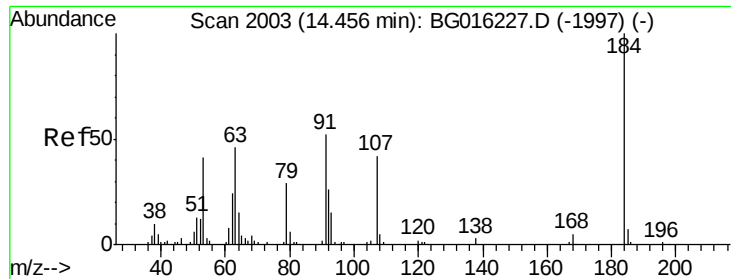
Tgt Ion:330 Resp: 218731
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.8 113.6
 141 57.4 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 81.40 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG016340.D
 Acq: 11 Apr 2015 6:30

Tgt Ion:172 Resp: 1203982
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.6 44.4
 170 25.1 19.4 29.2

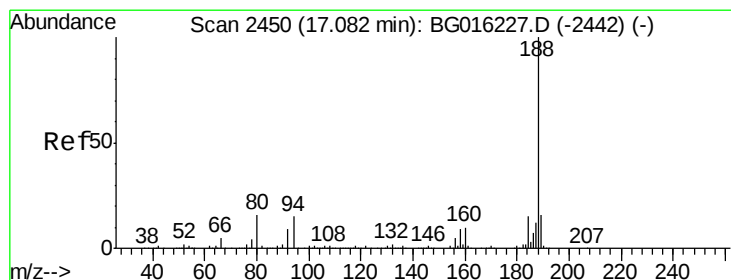
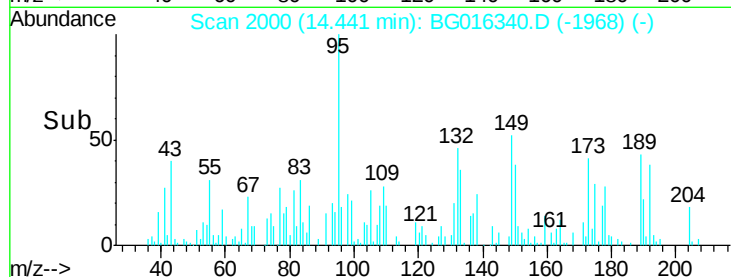
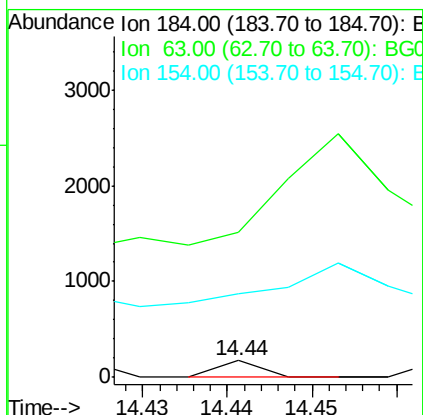
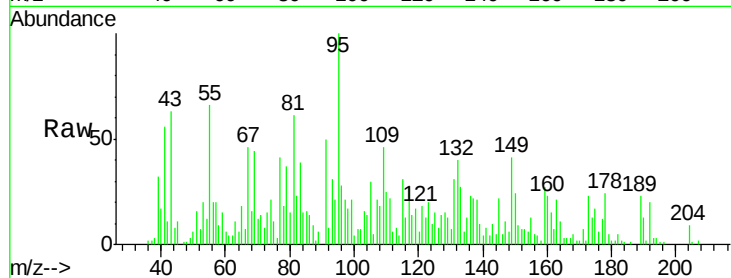




#53
2,4-Dinitrophenol
Concen: 8.28 ng
RT: 14.44 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG016340.D
Acq: 11 Apr 2015 6:30

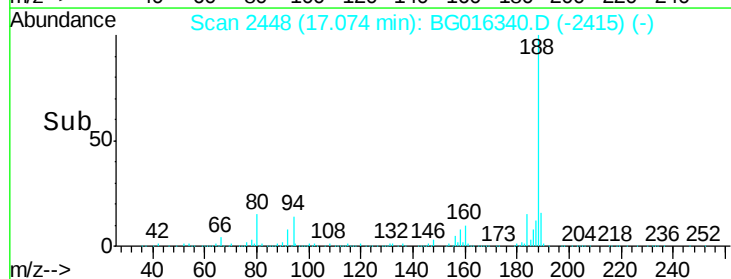
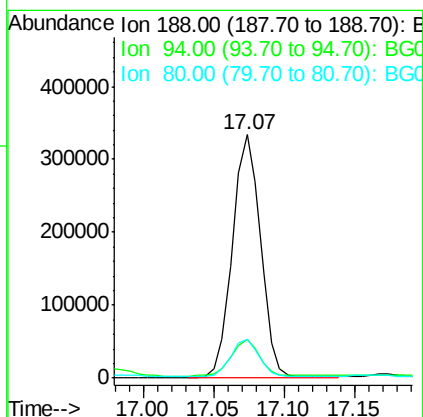
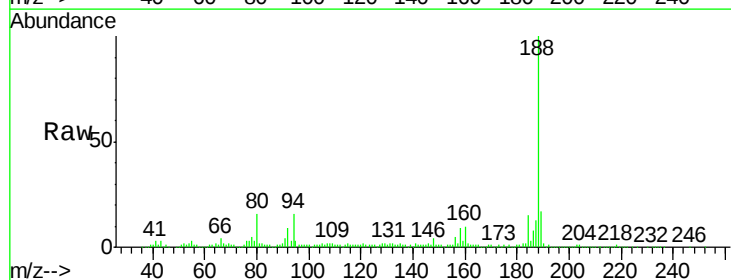
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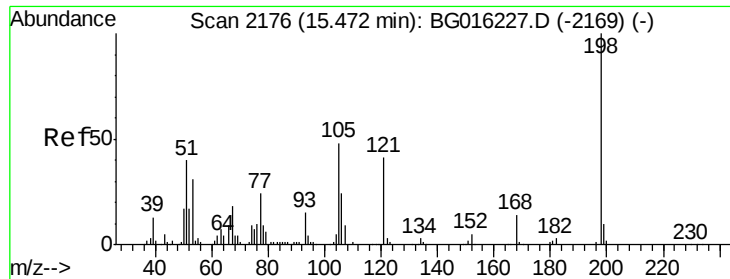
Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 858.0 45.8 68.6#
154 499.4 34.5 51.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG016340.D
Acq: 11 Apr 2015 6:30

Tgt Ion:188 Resp: 463361
Ion Ratio Lower Upper
188 100
94 15.8 12.2 18.4
80 15.8 12.8 19.2





#64

4,6-Dinitro-2-methylphenol

Concen: 3.97 ng

RT: 15.48 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BG016340.D

Acq: 11 Apr 2015 6:30

Instrument :

BNA_G

ClientSampleId :

MW-08

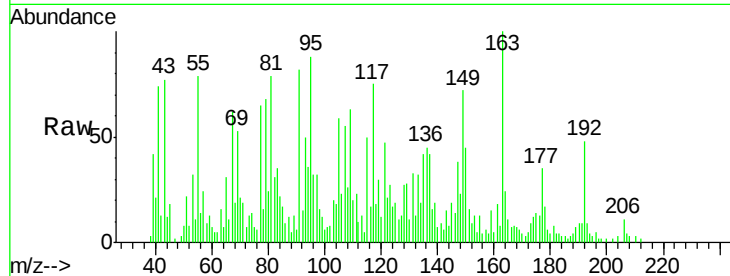
Tgt Ion:198 Resp: 282

Ion Ratio Lower Upper

198 100

51 996.9 20.7 60.7#

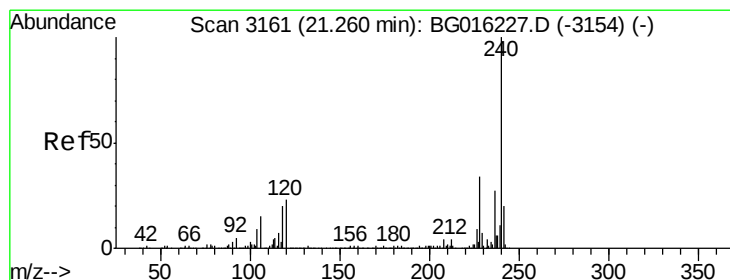
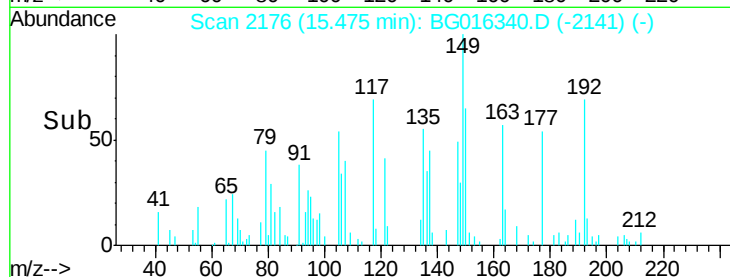
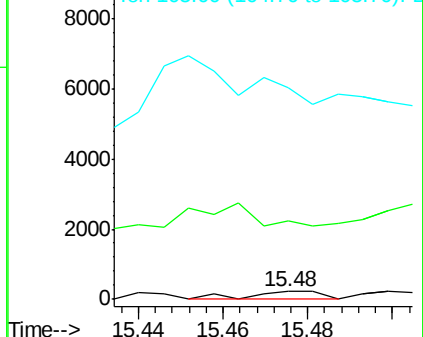
105 2700.9 28.8 68.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG016340.D (-2141) (-)

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG016340.D

Acq: 11 Apr 2015 6:30

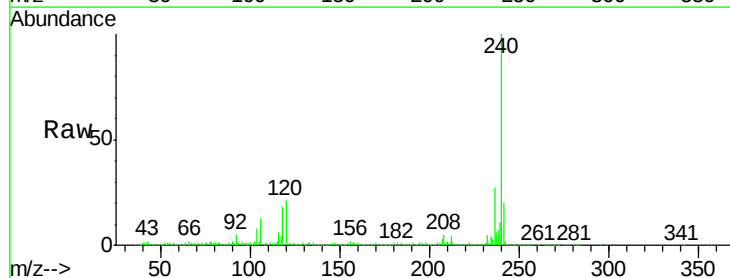
Tgt Ion:240 Resp: 388233

Ion Ratio Lower Upper

240 100

120 20.5 18.6 28.0

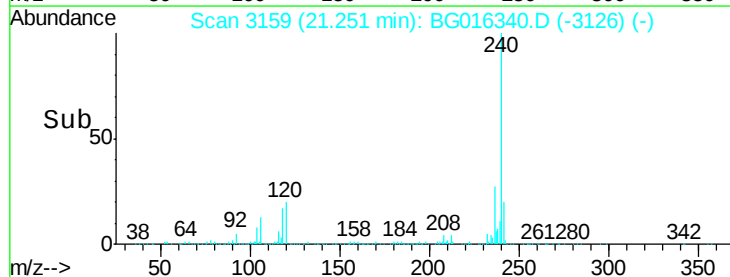
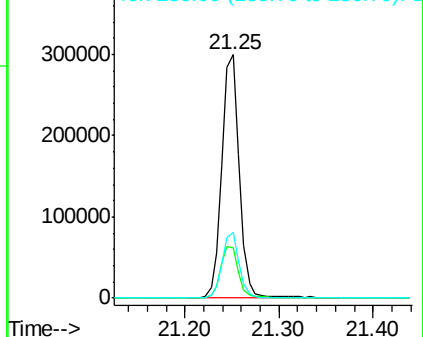
236 26.8 21.7 32.5

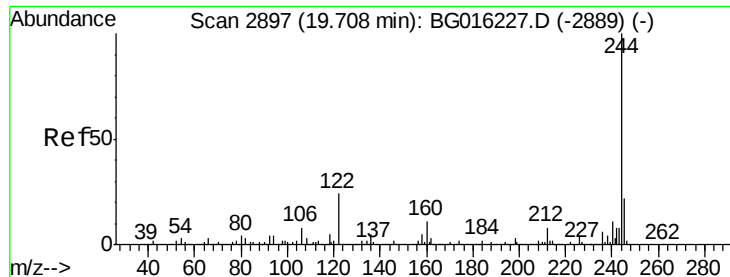


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.31 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG016340.D

Acq: 11 Apr 2015 6:30

Instrument :

BNA_G

ClientSampled :

MW-08

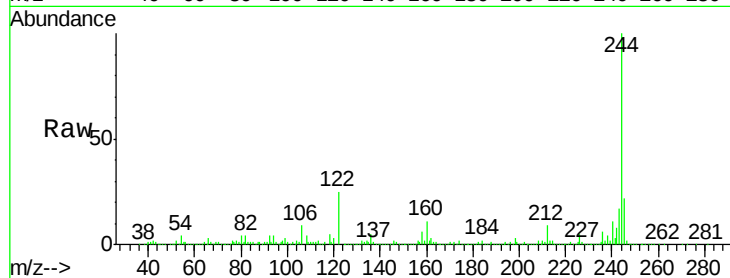
Tgt Ion:244 Resp: 1199479

Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

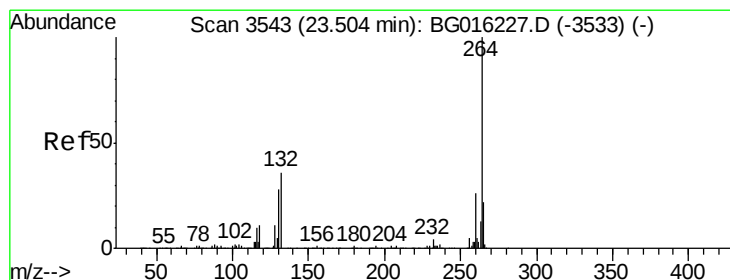
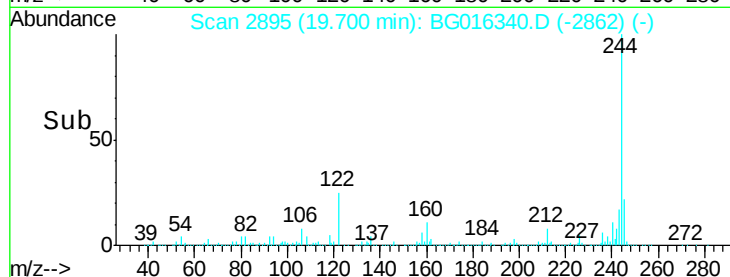
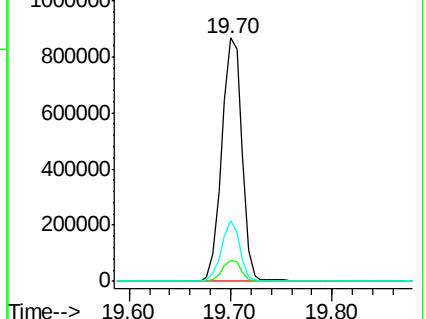
122 24.8 19.1 28.7



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.49 min Scan# 3540

Delta R.T. -0.01 min

Lab File: BG016340.D

Acq: 11 Apr 2015 6:30

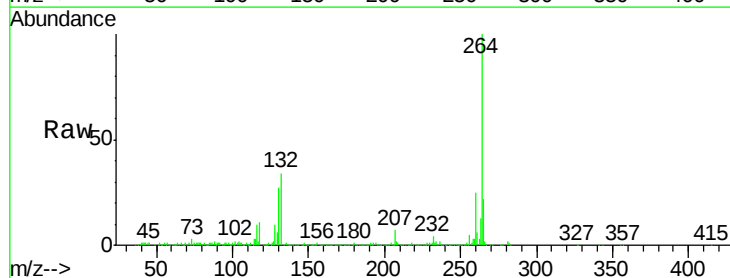
Tgt Ion:264 Resp: 357342

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 22.3 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

