

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
 Data File : BG016330.D
 Acq On : 10 Apr 2015 21:49
 Operator : TP/IZ
 Sample : G1806-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-07

Quant Time: Apr 11 03:41:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 03:24:57 2015
 Response via : Initial Calibration

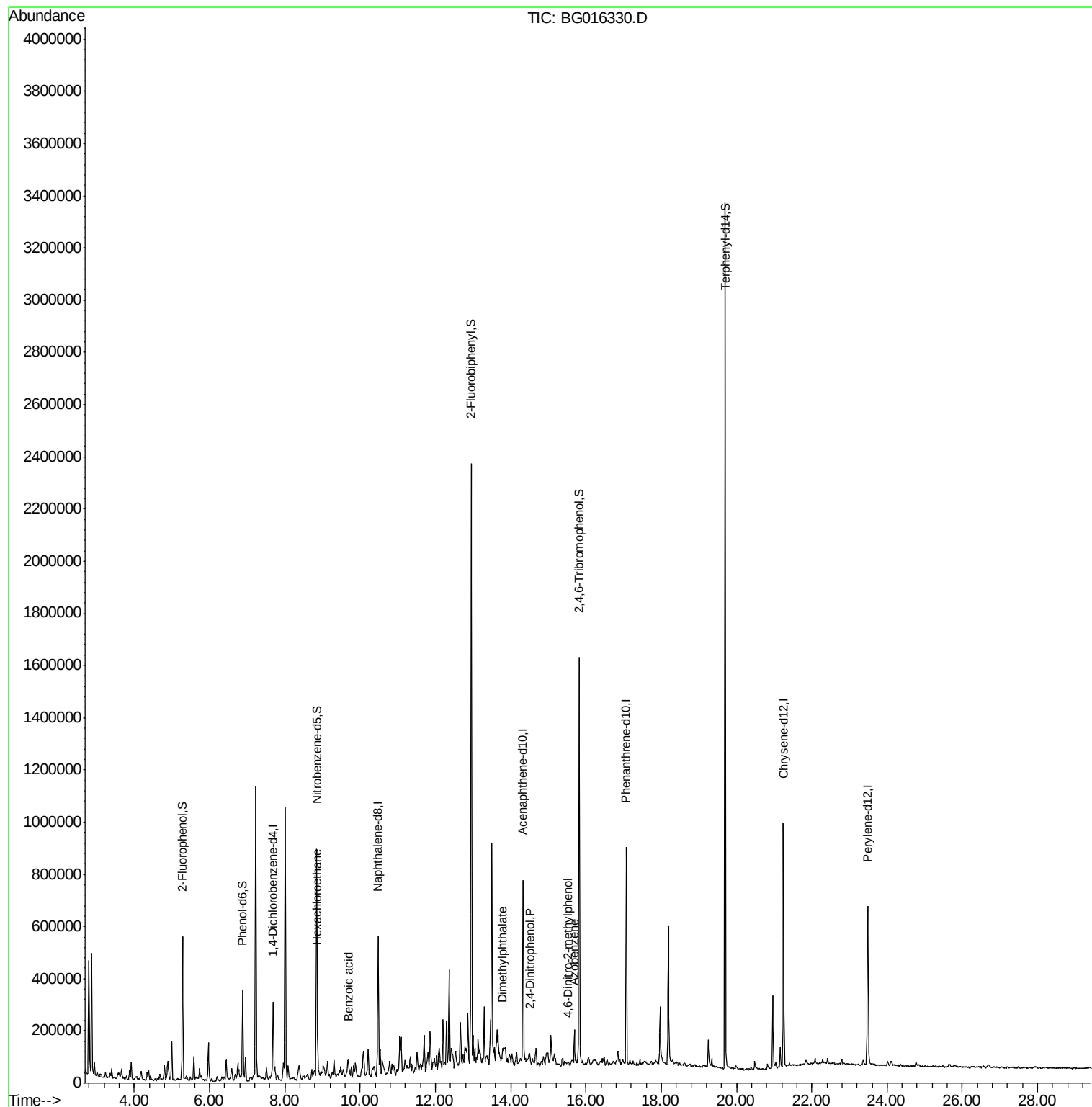
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	80317	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	372206	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	226084	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	453910	20.00	ng	0.00
75) Chrysene-d12	21.25	240	378189	20.00	ng	0.00
86) Perylene-d12	23.49	264	355797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	260912	51.27	ng	0.00
7) Phenol-d6	6.88	99	225927	29.57	ng	0.00
23) Nitrobenzene-d5	8.85	82	527454	82.09	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	206871	135.30	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1113936	83.89	ng	0.00
78) Terphenyl-d14	19.70	244	1222790	75.67	ng	0.00
Target Compounds						
18) Hexachloroethane	8.87	117	11777	4.81	ng	Qvalue # 37
32) Benzoic acid	9.71	122	2590	9.28	ng	84
49) Dimethylphthalate	13.79	163	36756	2.22	ng	97
53) 2,4-Dinitrophenol	14.51	184	63	8.28	ng	# 1
62) Azobenzene	15.69	77	37637	2.00	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.51	198	56	3.90	ng	# 1

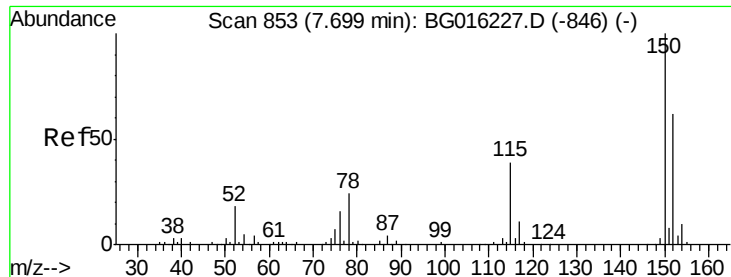
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016330.D
Acq On : 10 Apr 2015 21:49
Operator : TP/IZ
Sample : G1806-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-07

Quant Time: Apr 11 03:41:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 11 03:24:57 2015
Response via : Initial Calibration



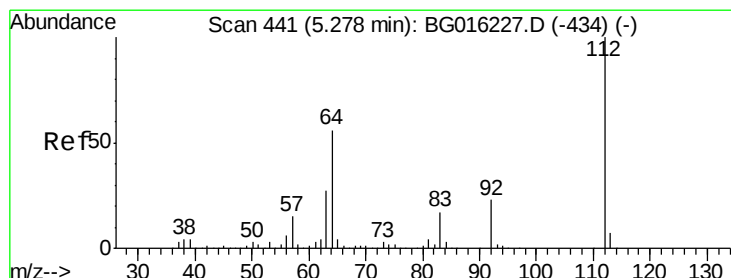
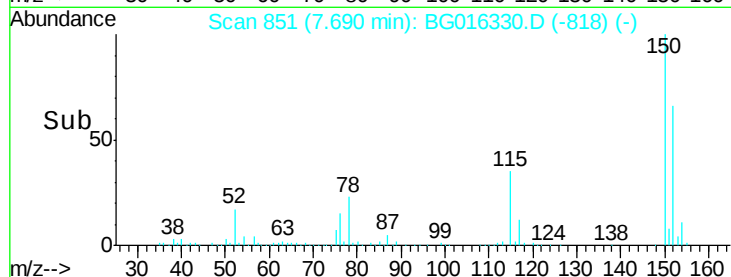
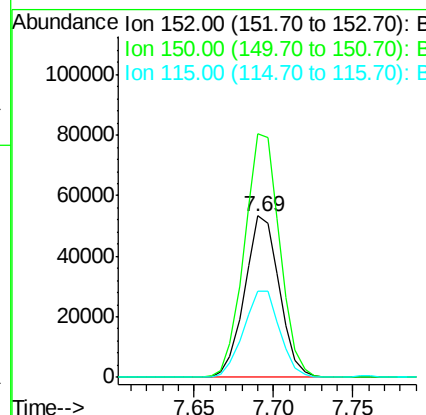
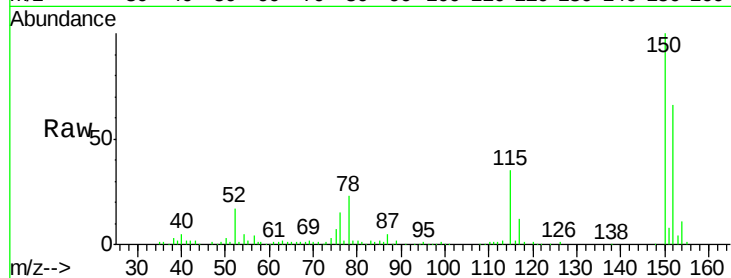


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG016330.D
 Acq: 10 Apr 2015 21:49

Instrument :
 BNA_G
 ClientSampleId :
 MW-07

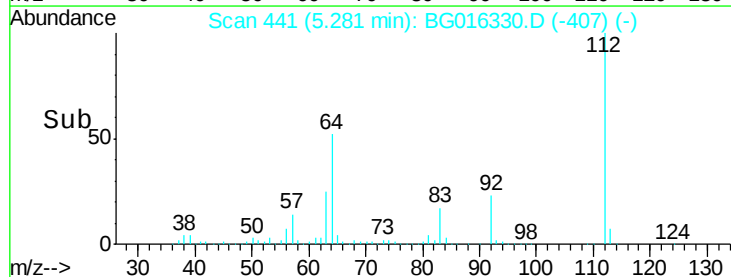
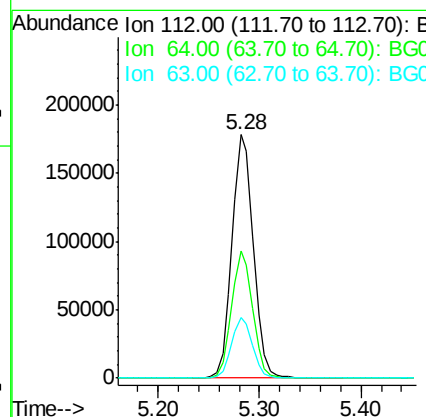
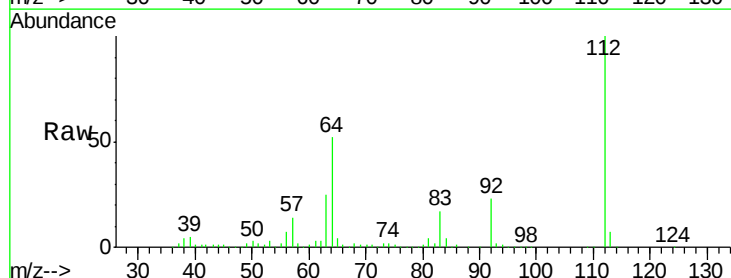
Tgt Ion:152 Resp: 80317
 Ion Ratio Lower Upper
 152 100
 150 150.7 130.1 195.1
 115 53.3 50.5 75.7

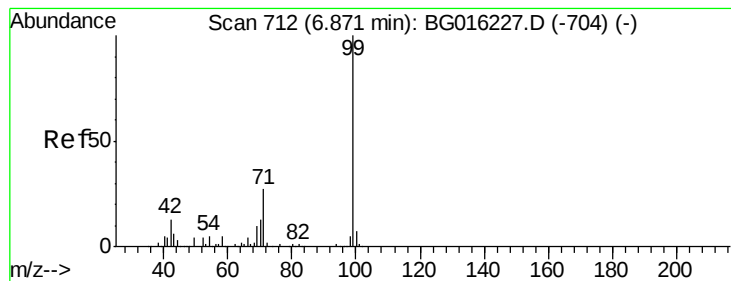


#5

2-Fluorophenol
 Concen: 51.27 ng
 RT: 5.28 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BG016330.D
 Acq: 10 Apr 2015 21:49

Tgt Ion:112 Resp: 260912
 Ion Ratio Lower Upper
 112 100
 64 52.4 44.5 66.7
 63 25.1 21.4 32.0





#7

Phenol-d6

Concen: 29.57 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG016330.D

Acq: 10 Apr 2015 21:49

Instrument :

BNA_G

ClientSampleId :

MW-07

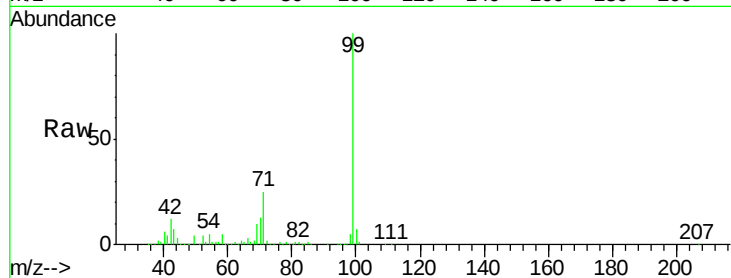
Tgt Ion: 99 Resp: 225927

Ion Ratio Lower Upper

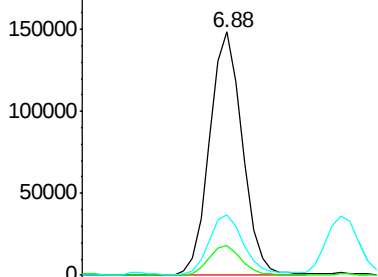
99 100

42 12.1 10.0 15.0

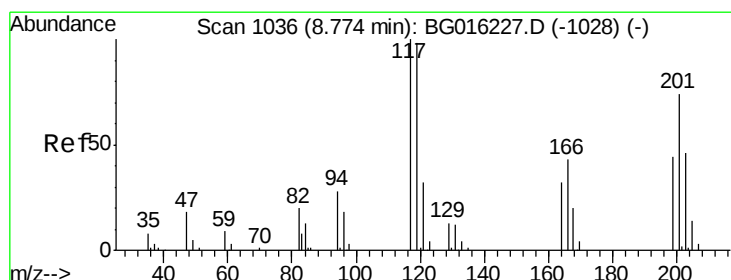
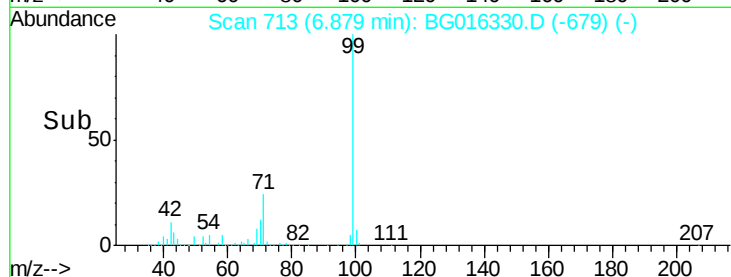
71 24.7 21.5 32.3



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



Time-->



#18

Hexachloroethane

Concen: 4.81 ng

RT: 8.87 min Scan# 1052

Delta R.T. 0.11 min

Lab File: BG016330.D

Acq: 10 Apr 2015 21:49

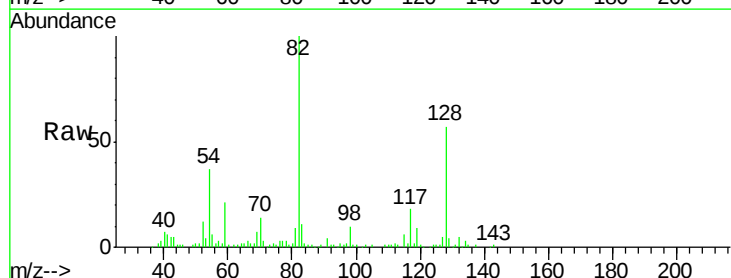
Tgt Ion: 117 Resp: 11777

Ion Ratio Lower Upper

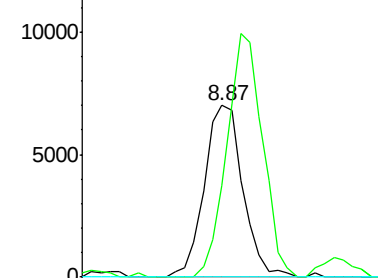
117 100

119 53.3 78.8 118.2#

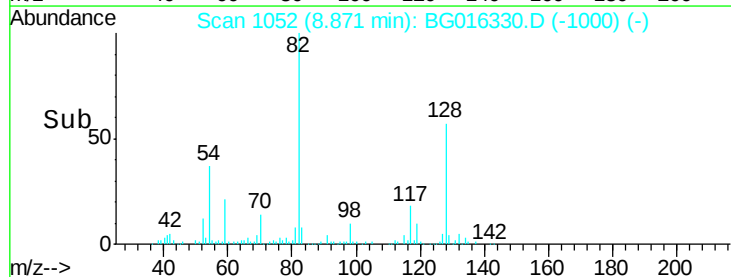
201 0.0 59.0 88.4#

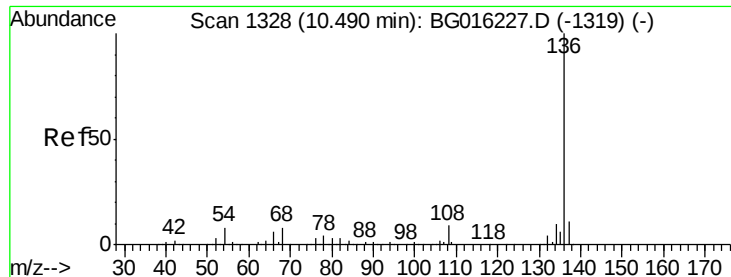


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



Time-->

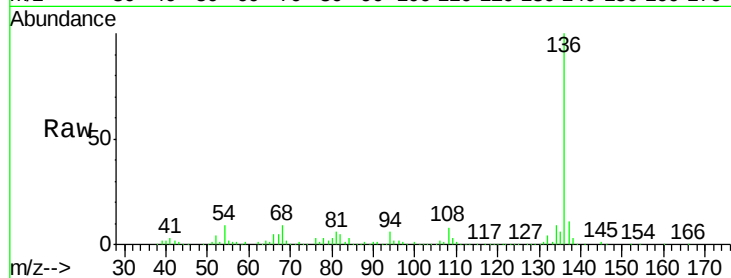




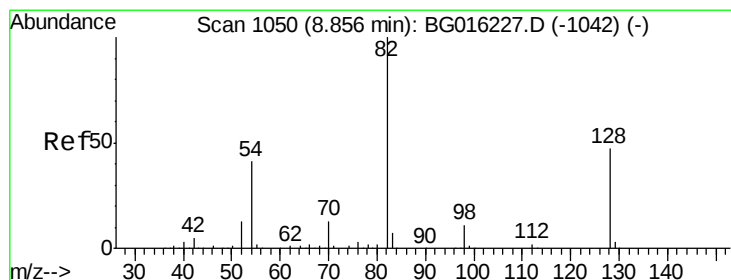
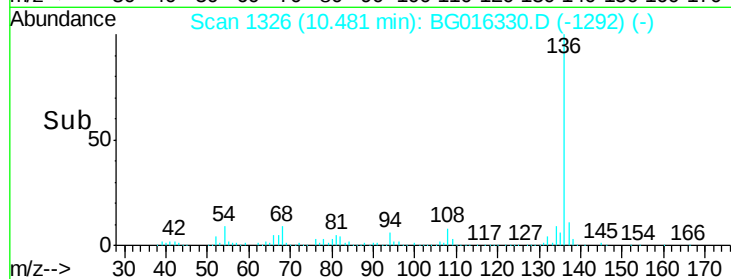
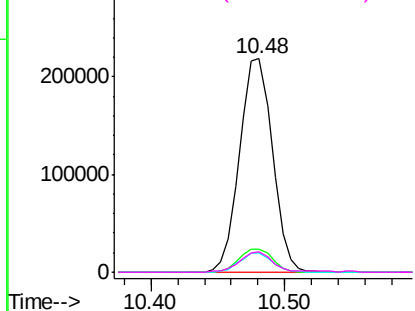
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG016330.D
Acq: 10 Apr 2015 21:49

Instrument :
BNA_G
ClientSampleId :
MW-07

Tgt Ion:	136	Resp:	372206
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.0	6.3	9.5
68	9.4	6.5	9.7

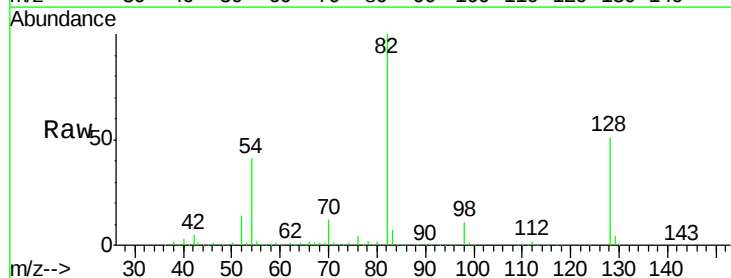


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

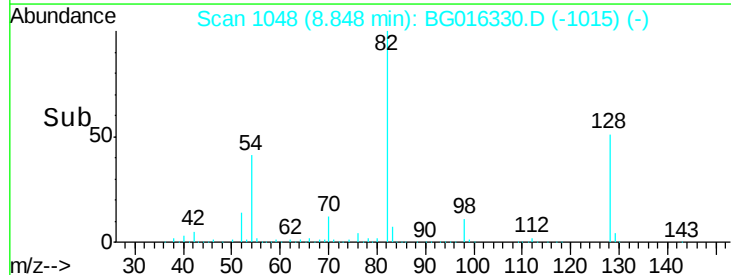
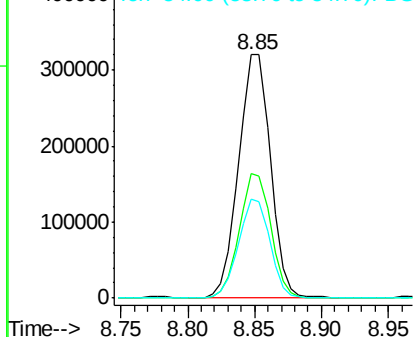


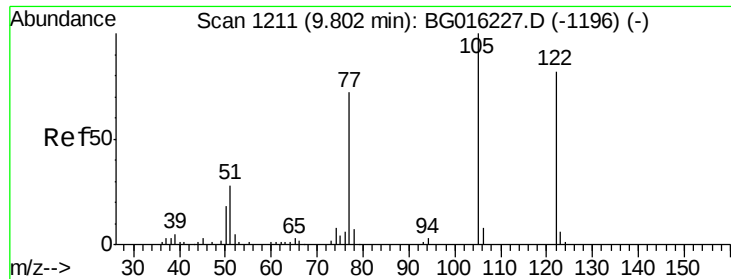
#23
Nitrobenzene-d5
Concen: 82.09 ng
RT: 8.85 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG016330.D
Acq: 10 Apr 2015 21:49

Tgt Ion:	82	Resp:	527454
Ion	Ratio	Lower	Upper
82	100		
128	51.3	37.8	56.8
54	40.7	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

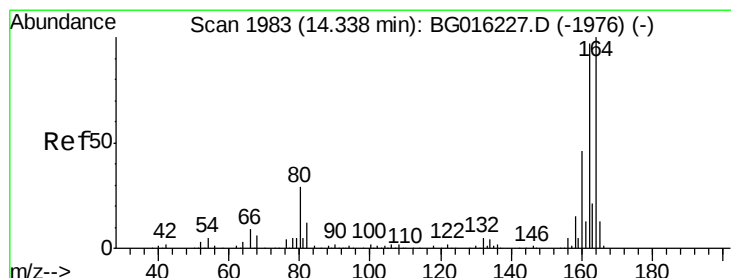
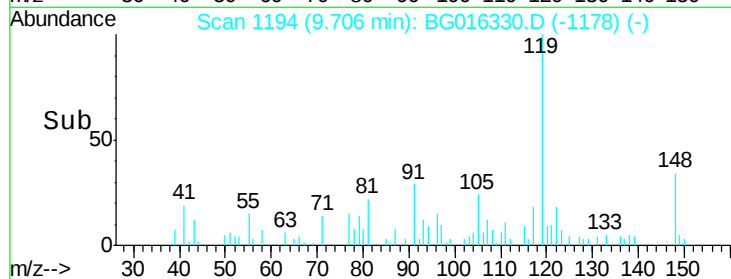
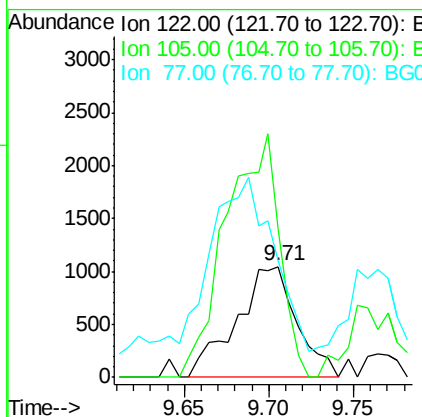
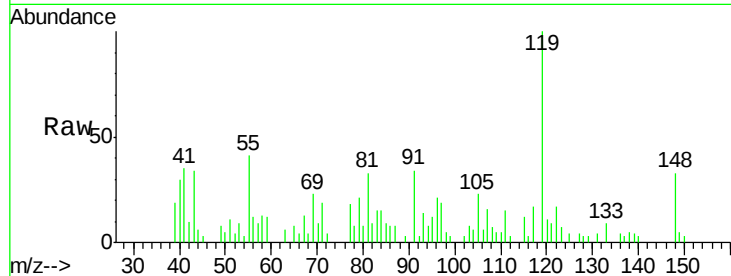




#32
Benzoic acid
Concen: 9.28 ng
RT: 9.71 min Scan# 1194
Delta R.T. -0.10 min
Lab File: BG016330.D
Acq: 10 Apr 2015 21:49

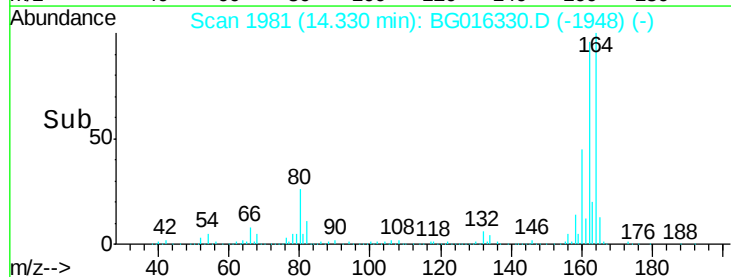
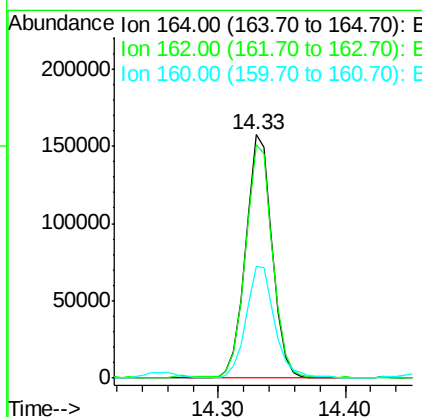
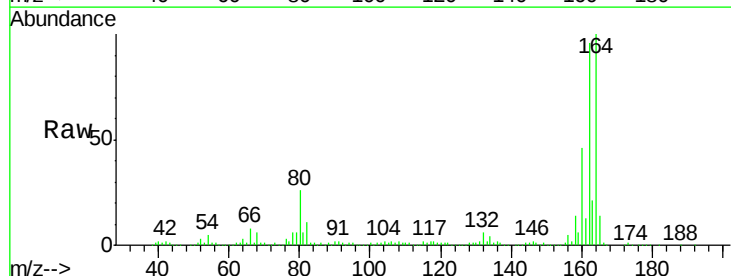
Instrument :
BNA_G
ClientSampleId :
MW-07

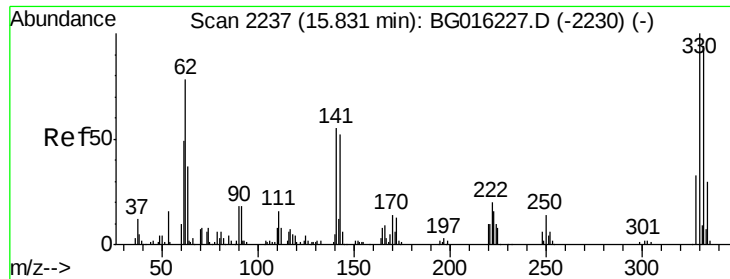
Tgt Ion:122 Resp: 2590
Ion Ratio Lower Upper
122 100
105 134.2 99.7 139.7
77 105.1 66.8 106.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG016330.D
Acq: 10 Apr 2015 21:49

Tgt Ion:164 Resp: 226084
Ion Ratio Lower Upper
164 100
162 96.0 77.3 115.9
160 45.7 36.7 55.1





#41

2,4,6-Tribromophenol

Concen: 135.30 ng

RT: 15.82 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG016330.D

Acq: 10 Apr 2015 21:49

Instrument :

BNA_G

ClientSampleId :

MW-07

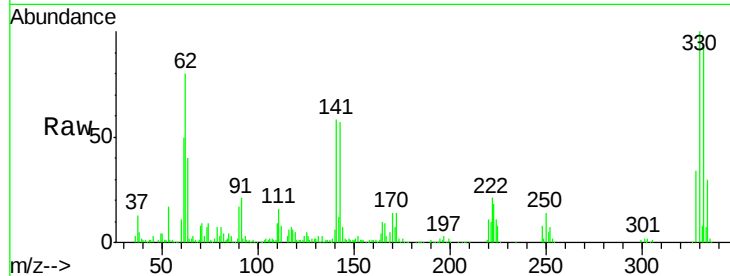
Tgt Ion:330 Resp: 206871

Ion Ratio Lower Upper

330 100

332 94.3 75.8 113.6

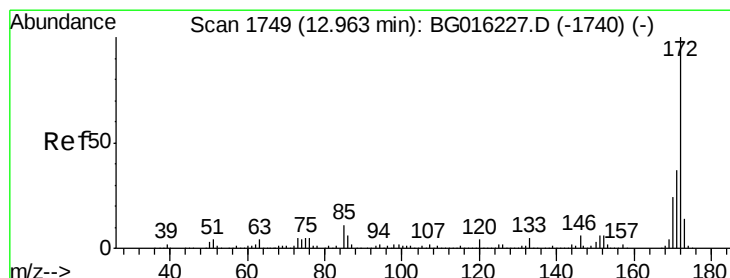
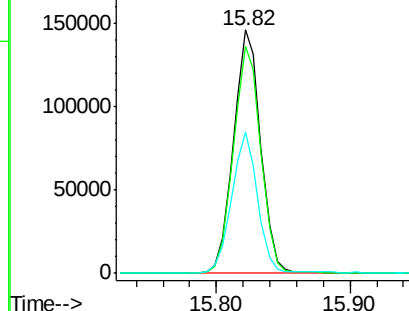
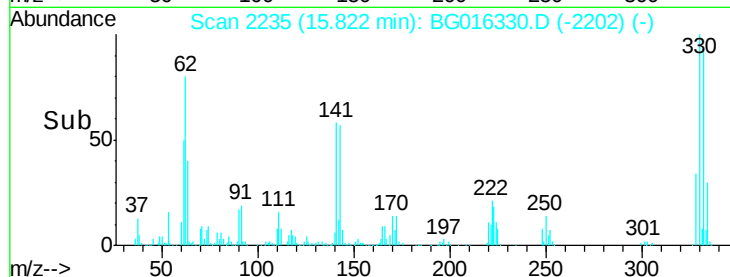
141 55.3 46.6 69.8



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: 83.89 ng

RT: 12.95 min Scan# 1747

Delta R.T. 0.00 min

Lab File: BG016330.D

Acq: 10 Apr 2015 21:49

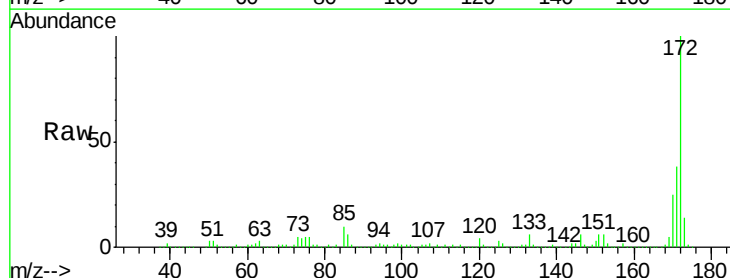
Tgt Ion:172 Resp: 1113936

Ion Ratio Lower Upper

172 100

171 37.9 29.6 44.4

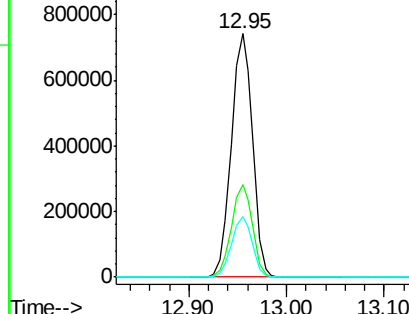
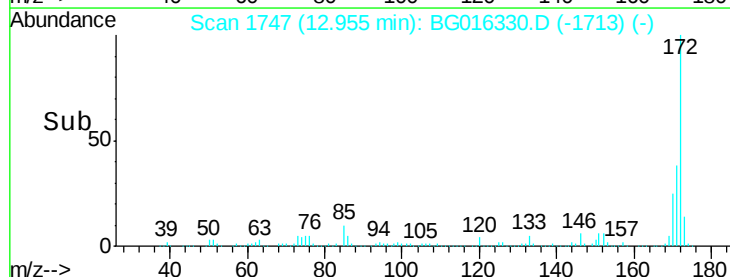
170 25.1 19.4 29.2

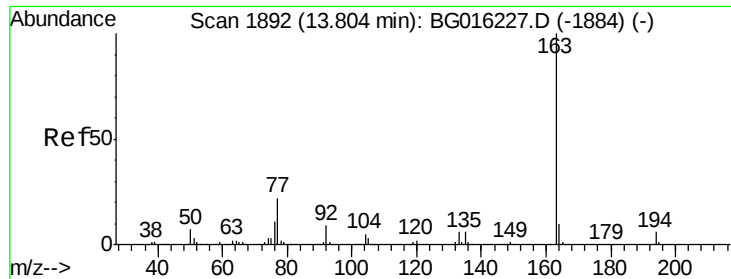


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.22 ng

RT: 13.79 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG016330.D

Acq: 10 Apr 2015 21:49

Instrument :

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ClientSampleId :

MW-07

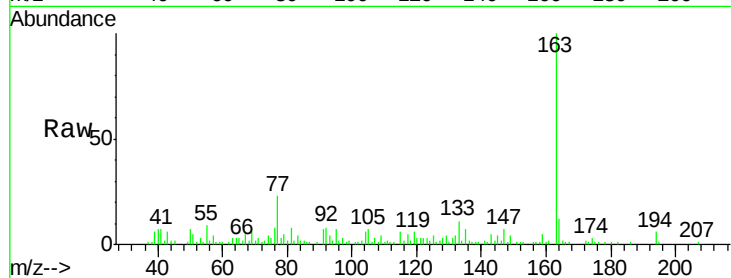
Tgt Ion:163 Resp: 36756

Ion Ratio Lower Upper

163 100

194 6.4 5.0 7.4

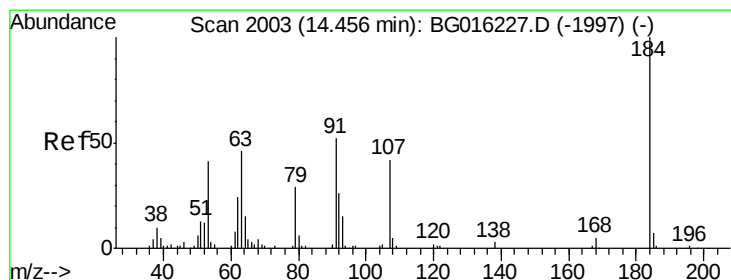
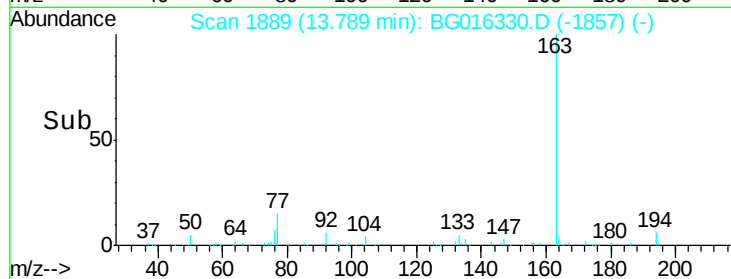
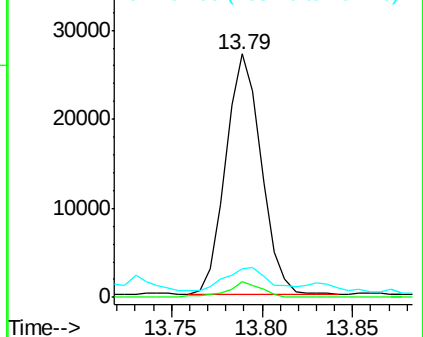
164 11.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 8.28 ng

RT: 14.51 min Scan# 2011

Delta R.T. 0.05 min

Lab File: BG016330.D

Acq: 10 Apr 2015 21:49

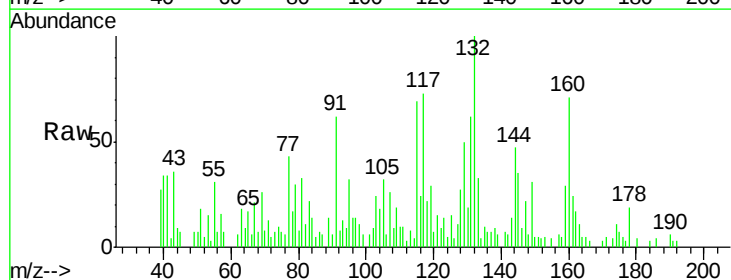
Tgt Ion:184 Resp: 63

Ion Ratio Lower Upper

184 100

63 532.0 45.8 68.6#

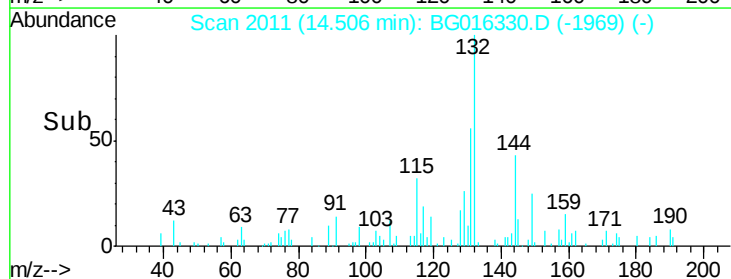
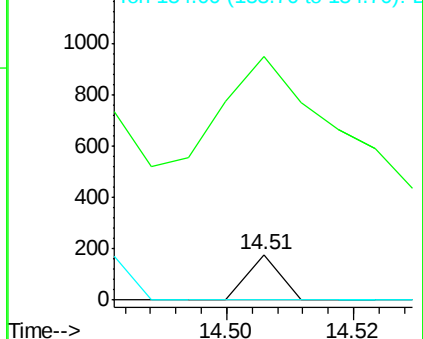
154 0.0 34.5 51.7#

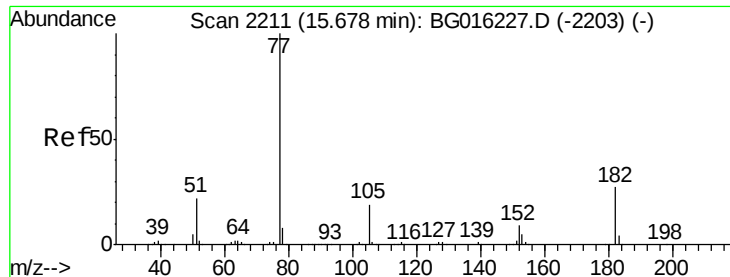


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#62

Azobenzene

Concen: 2.00 ng

RT: 15.69 min Scan# 2213

Delta R.T. 0.03 min

Lab File: BG016330.D

Acq: 10 Apr 2015 21:49

Instrument :

BNA_G

ClientSampleId :

MW-07

Tgt Ion: 77 Resp: 37637

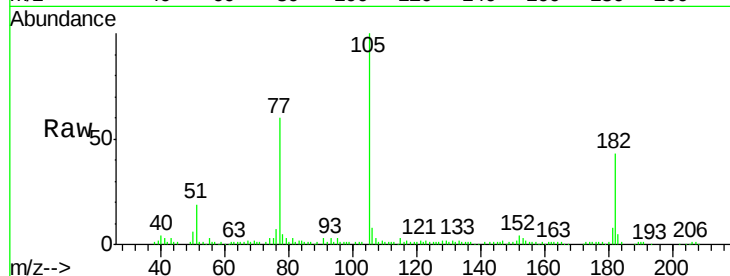
Ion Ratio Lower Upper

77 100

182 72.4 6.6 46.6#

105 167.8 0.0 39.2#

51 31.1 2.0 42.0

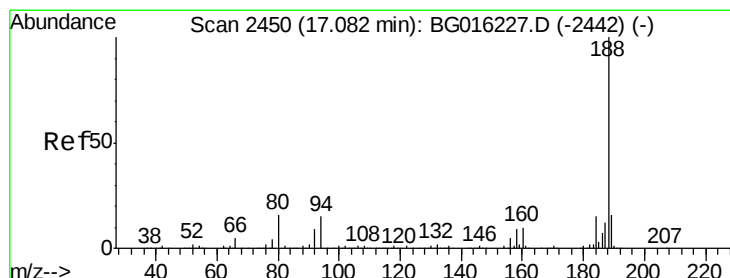
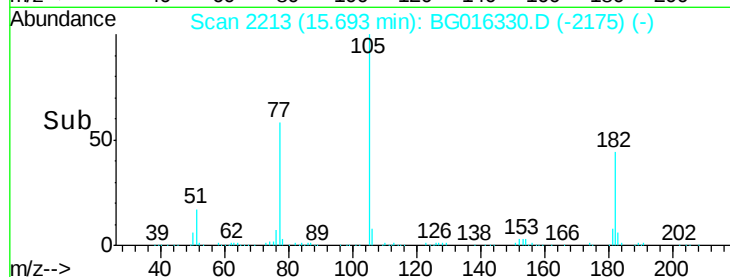
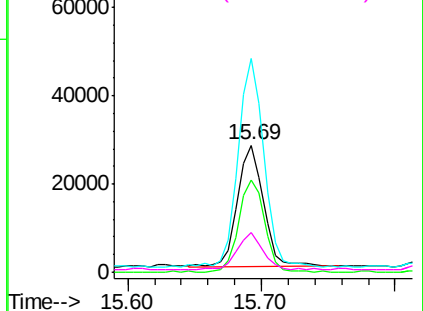


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.07 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BG016330.D

Acq: 10 Apr 2015 21:49

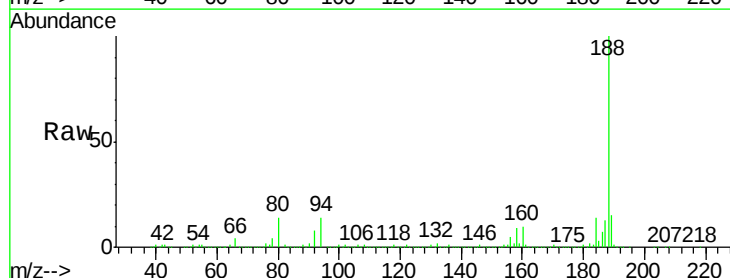
Tgt Ion: 188 Resp: 453910

Ion Ratio Lower Upper

188 100

94 13.9 12.2 18.4

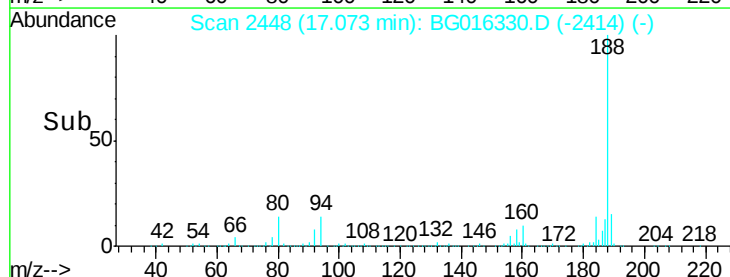
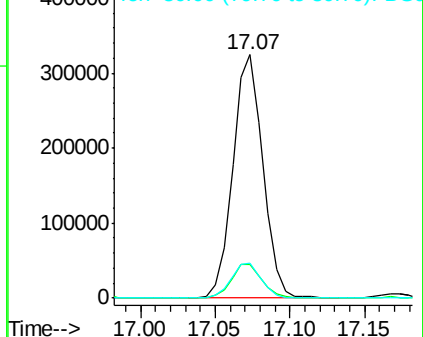
80 14.2 12.8 19.2

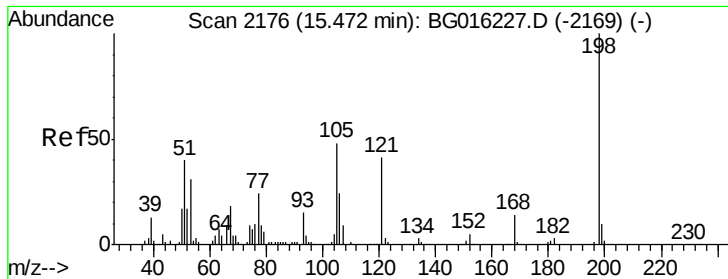


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

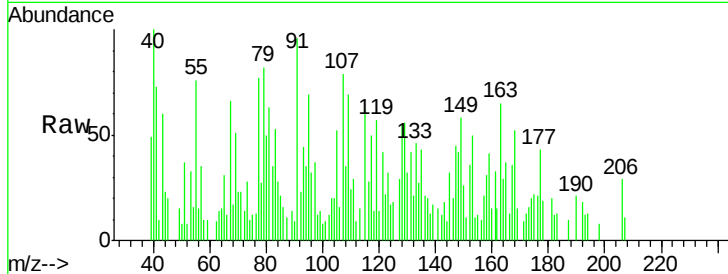




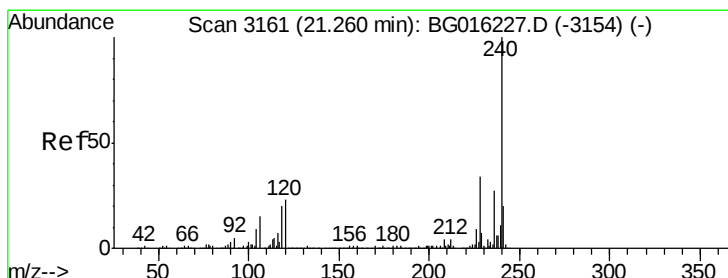
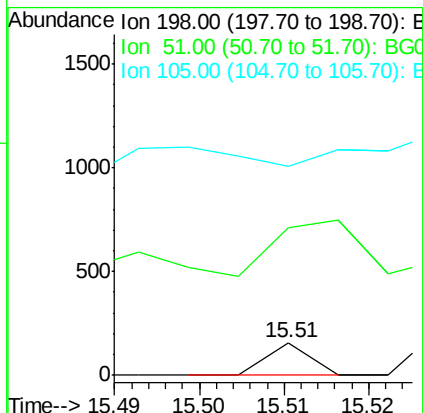
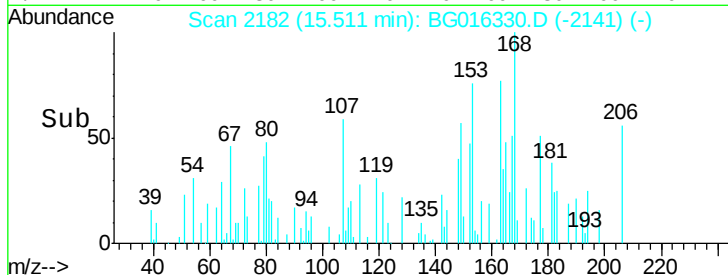
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.90 ng
 RT: 15.51 min Scan# 2182
 Delta R.T. 0.04 min
 Lab File: BG016330.D
 Acq: 10 Apr 2015 21:49

Instrument :
 BNA_G
 ClientSampleId :
 MW-07

Tgt Ion:198 Resp: 56
 Ion Ratio Lower Upper
 198 100
 51 449.1 20.7 60.7#
 105 632.1 28.8 68.8#

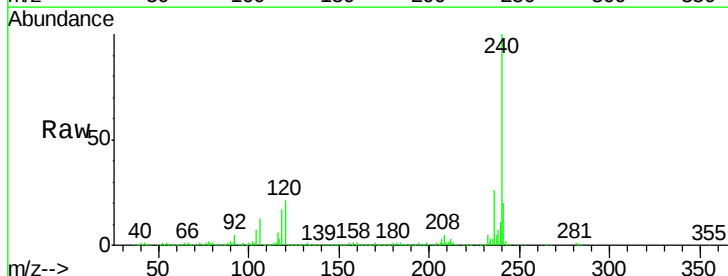


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

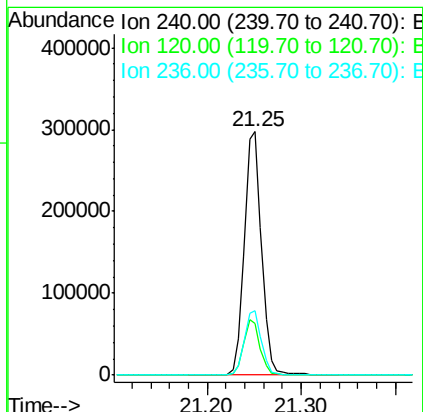
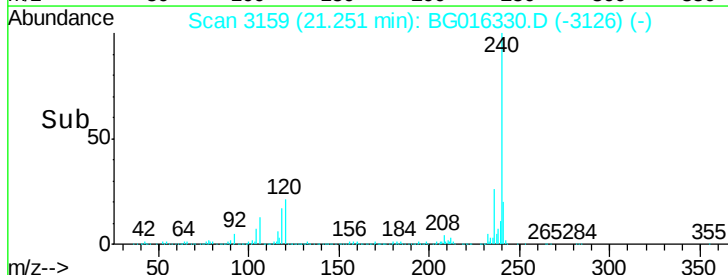


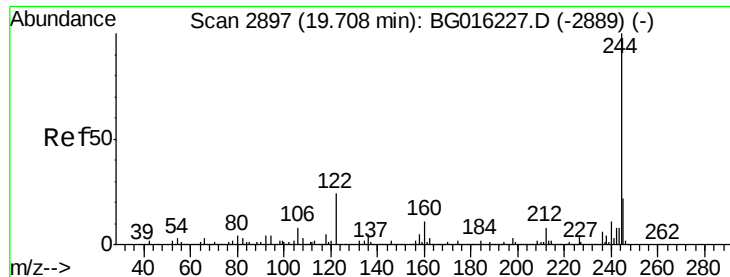
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.25 min Scan# 3159
 Delta R.T. -0.00 min
 Lab File: BG016330.D
 Acq: 10 Apr 2015 21:49

Tgt Ion:240 Resp: 378189
 Ion Ratio Lower Upper
 240 100
 120 21.0 18.6 28.0
 236 26.4 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: 75.67 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.00 min

Lab File: BG016330.D

Acq: 10 Apr 2015 21:49

Instrument :

BNA_G

ClientSampleId :

MW-07

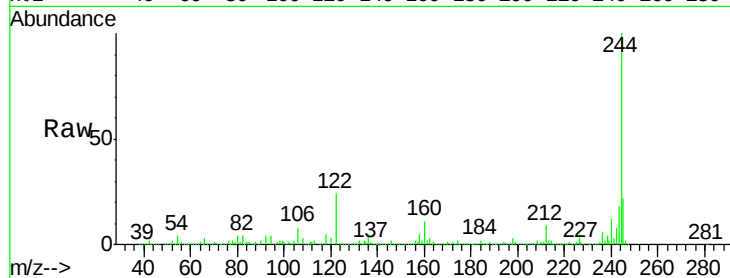
Tgt Ion:244 Resp: 1222790

Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

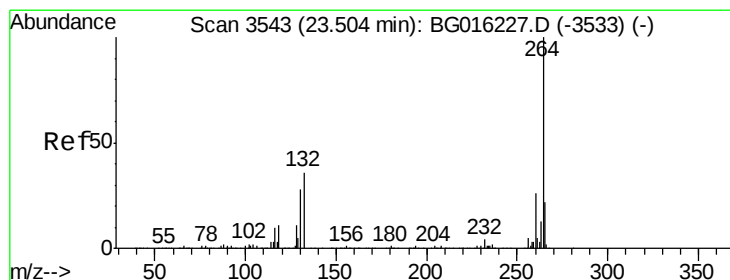
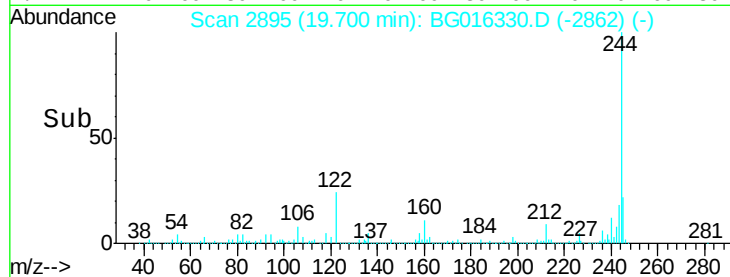
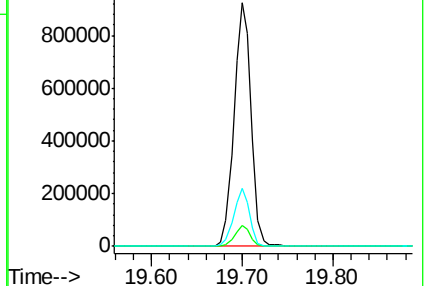
122 23.8 19.1 28.7



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. -0.00 min

Lab File: BG016330.D

Acq: 10 Apr 2015 21:49

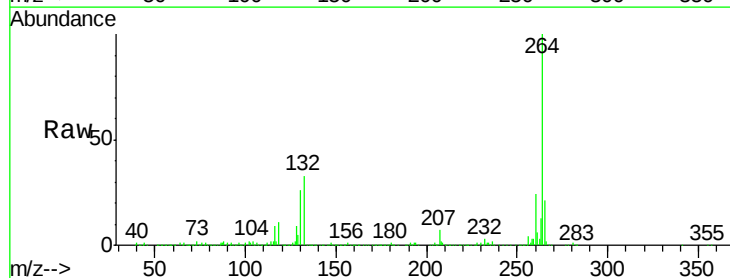
Tgt Ion:264 Resp: 355797

Ion Ratio Lower Upper

264 100

260 24.3 20.4 30.6

265 21.1 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

