

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040715\
 Data File : BG016263.D
 Acq On : 7 Apr 2015 18:59
 Operator : TP/IZ
 Sample : G1776-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GMW-04

Quant Time: Apr 08 02:40:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 03:25:31 2015
 Response via : Initial Calibration

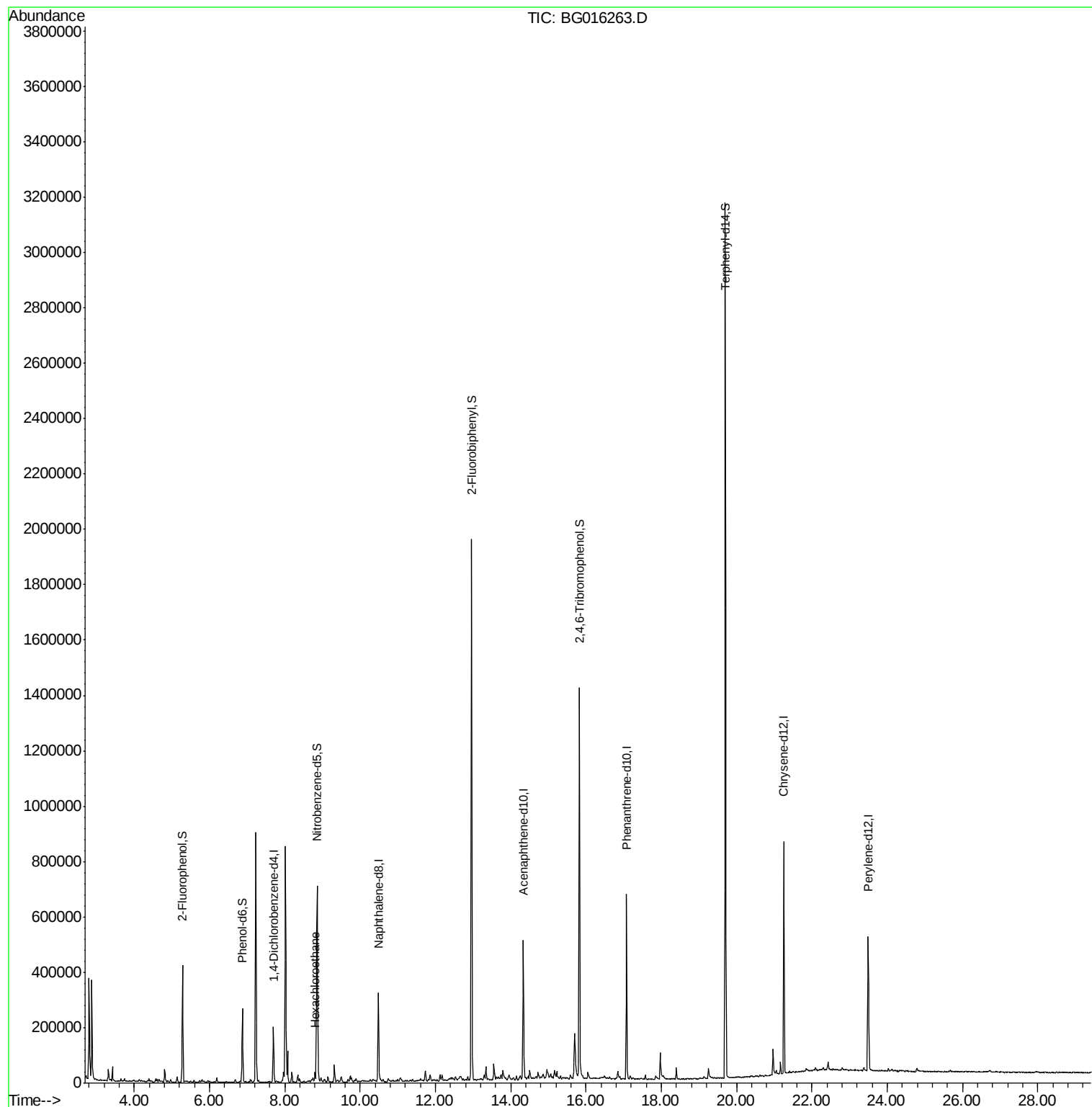
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	53690	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	261118	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	160091	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	350229	20.00	ng	0.00
75) Chrysene-d12	21.25	240	310616	20.00	ng	0.00
86) Perylene-d12	23.50	264	283534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	193160	56.78	ng	0.00
7) Phenol-d6	6.87	99	169269	33.14	ng	0.00
23) Nitrobenzene-d5	8.85	82	420694	93.33	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	185333	171.18	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	932825	99.21	ng	0.00
78) Terphenyl-d14	19.70	244	1156996	87.18	ng	0.00
Target Compounds						
18) Hexachloroethane	8.80	117	5663	3.46	ng	Qvalue # 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.00 min

Lab File: BG016263.D

Acq: 7 Apr 2015 18:59

Instrument :

BNA_G

ClientSampleId :

GMW-04

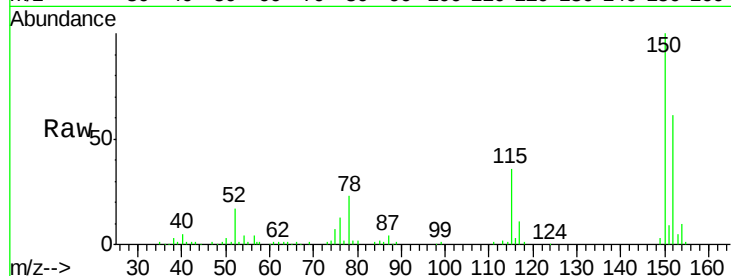
Tgt Ion:152 Resp: 53690

Ion Ratio Lower Upper

152 100

150 162.8 130.1 195.1

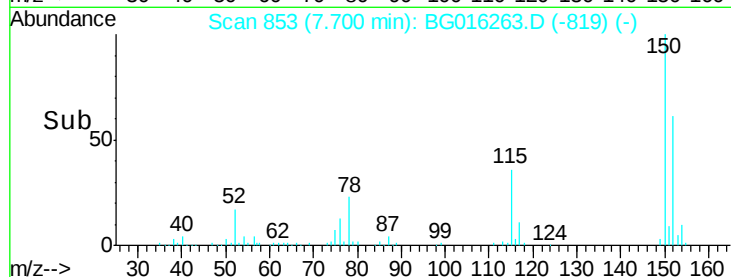
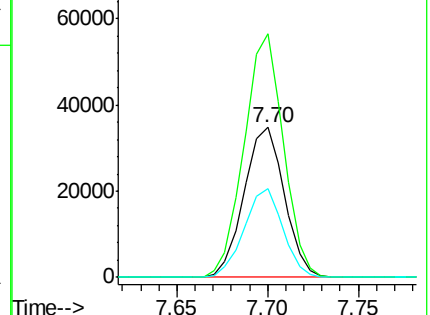
115 59.2 50.5 75.7



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: 56.78 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG016263.D

Acq: 7 Apr 2015 18:59

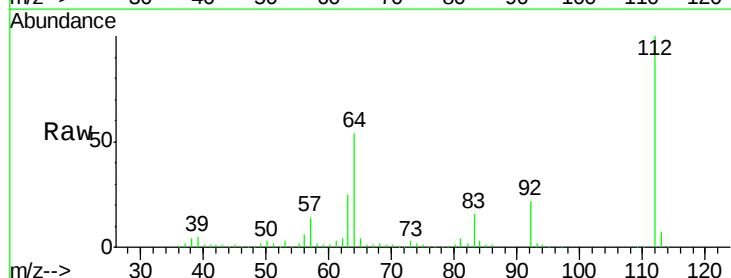
Tgt Ion:112 Resp: 193160

Ion Ratio Lower Upper

112 100

64 53.5 44.5 66.7

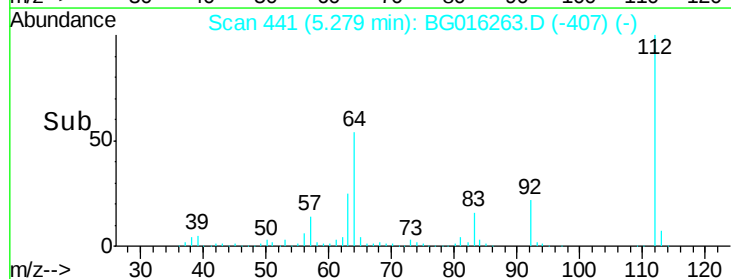
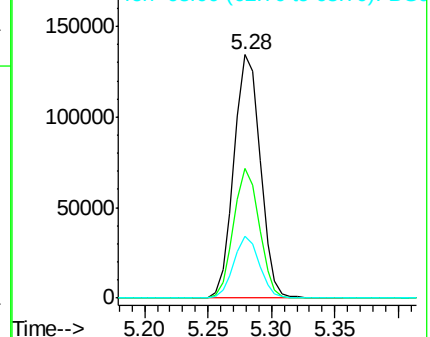
63 25.4 21.4 32.0

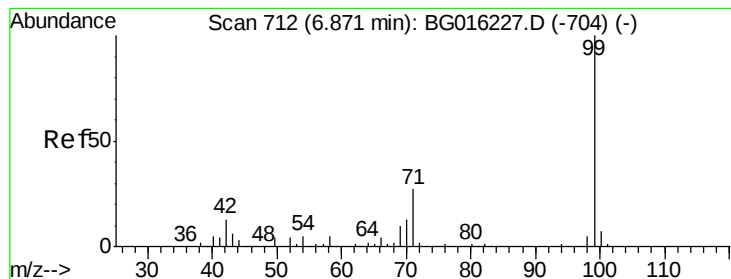


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.14 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG016263.D

Acq: 7 Apr 2015 18:59

Instrument :

BNA_G

ClientSampleId :

GMW-04

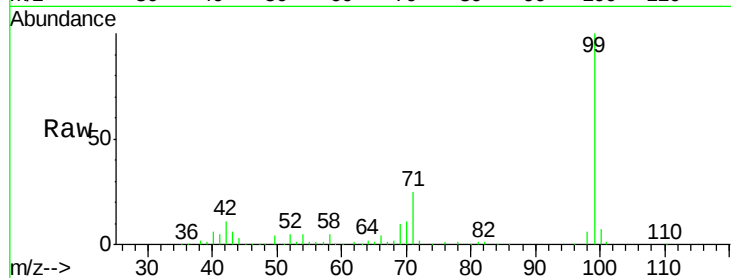
Tgt Ion: 99 Resp: 169269

Ion Ratio Lower Upper

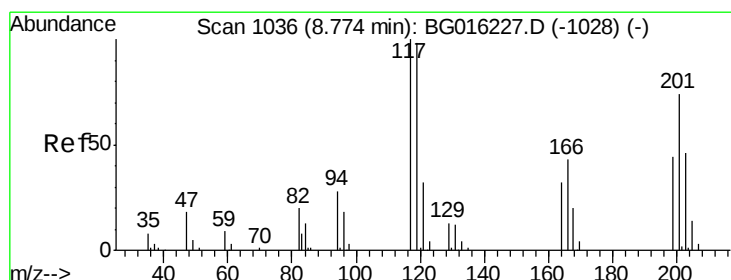
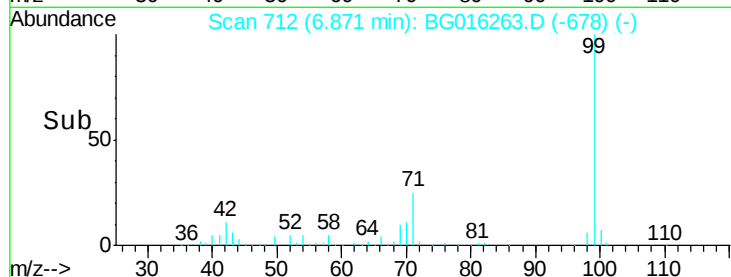
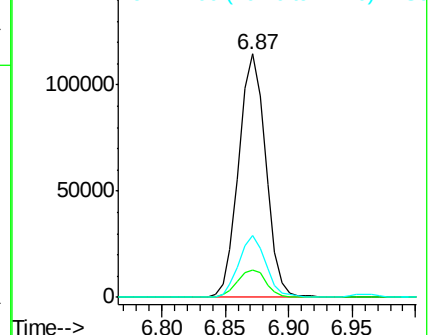
99 100

42 11.4 10.0 15.0

71 25.5 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: 3.46 ng

RT: 8.80 min Scan# 1040

Delta R.T. 0.03 min

Lab File: BG016263.D

Acq: 7 Apr 2015 18:59

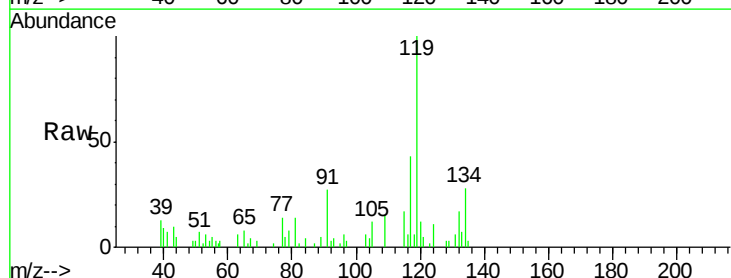
Tgt Ion: 117 Resp: 5663

Ion Ratio Lower Upper

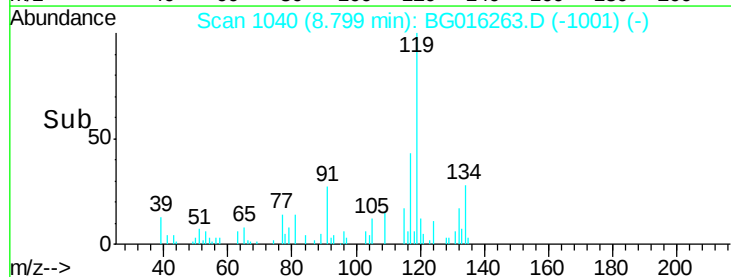
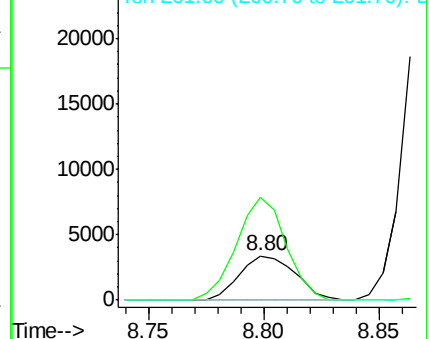
117 100

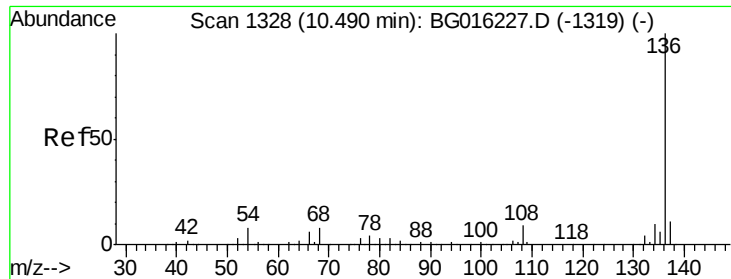
119 233.8 78.8 118.2#

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

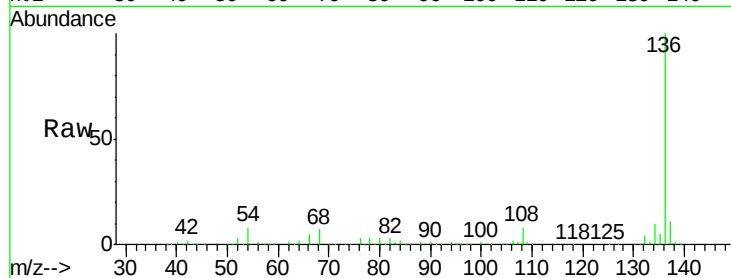




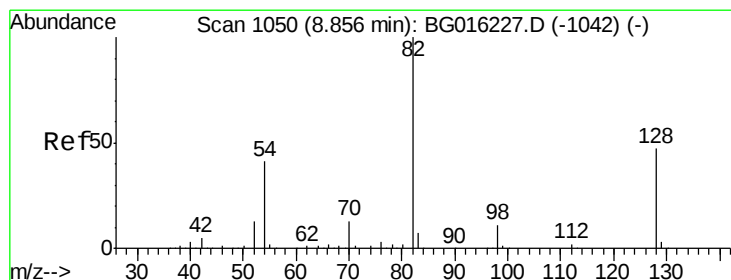
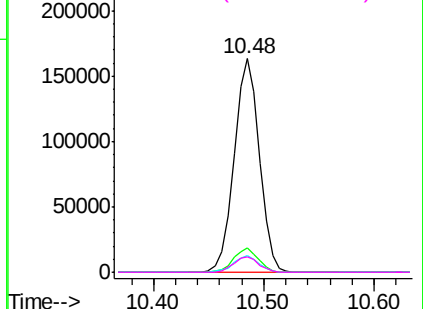
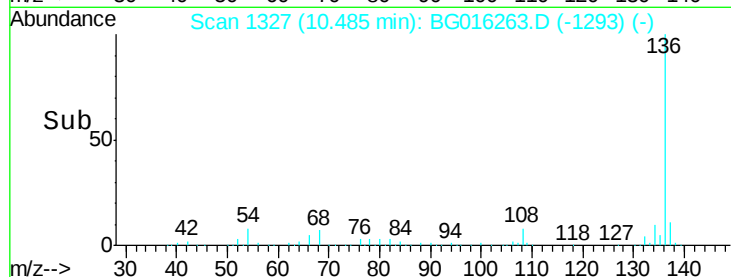
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG016263.D
Acq: 7 Apr 2015 18:59

Instrument :
BNA_G
ClientSampleId :
GMW-04

Tgt Ion:	136	Resp:	261118
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.6	6.3	9.5
68	7.0	6.5	9.7

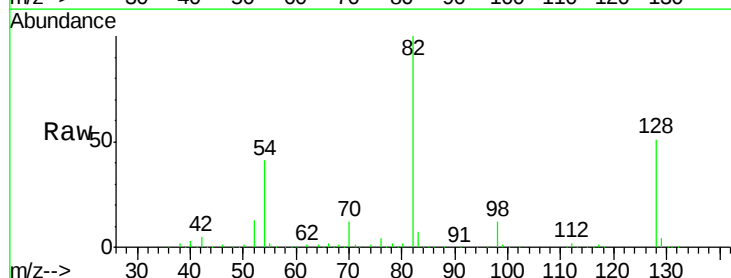


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

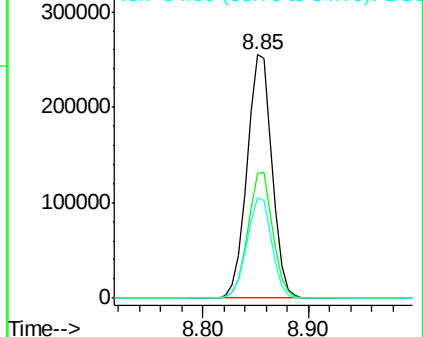
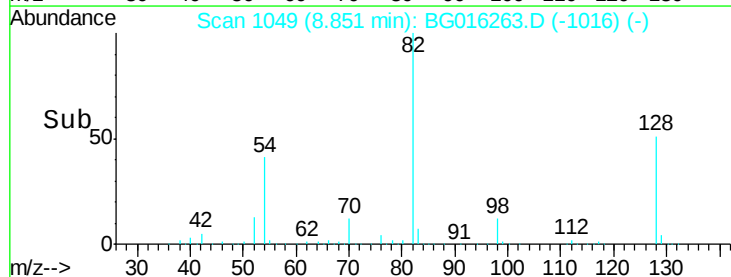


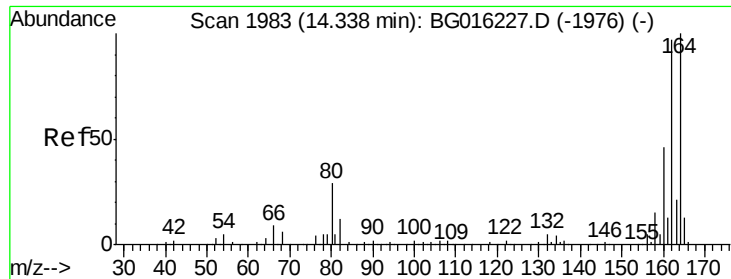
#23
Nitrobenzene-d5
Concen: 93.33 ng
RT: 8.85 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG016263.D
Acq: 7 Apr 2015 18:59

Tgt Ion:	82	Resp:	420694
Ion	Ratio	Lower	Upper
82	100		
128	51.0	37.8	56.8
54	41.1	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.34 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG016263.D

Acq: 7 Apr 2015 18:59

Instrument :

BNA_G

ClientSampled :

GMW-04

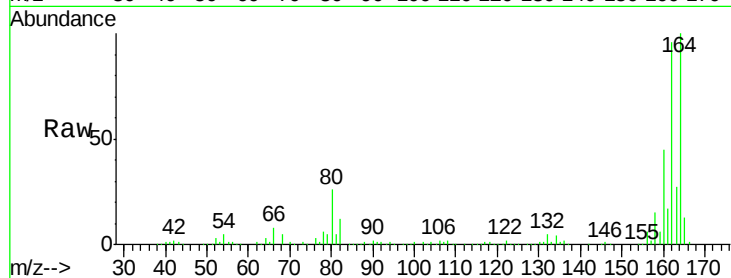
Tgt Ion:164 Resp: 160091

Ion Ratio Lower Upper

164 100

162 95.5 77.3 115.9

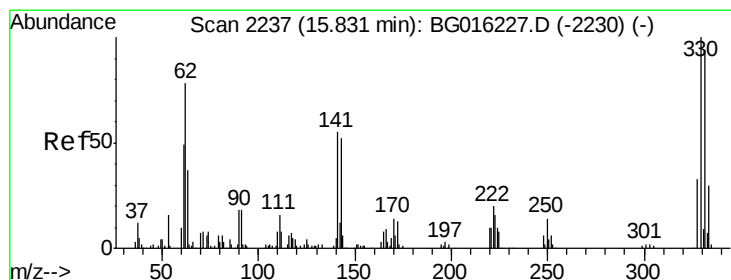
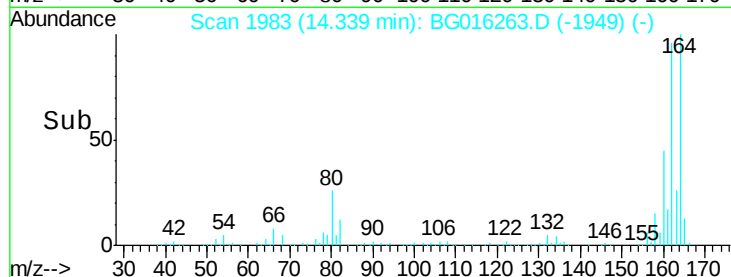
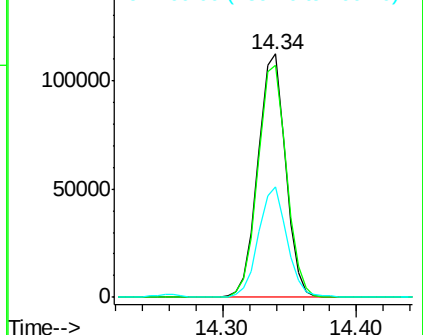
160 45.3 36.7 55.1



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



#41

2,4,6-Tribromophenol

Concen: 171.18 ng

RT: 15.83 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BG016263.D

Acq: 7 Apr 2015 18:59

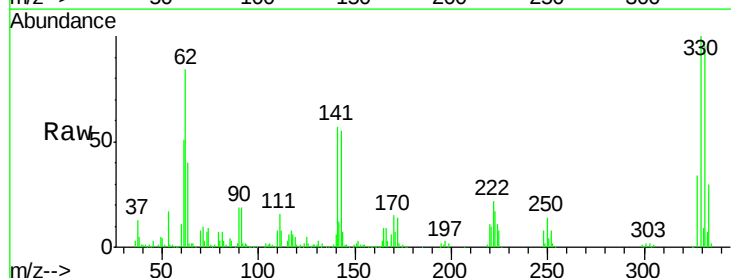
Tgt Ion:330 Resp: 185333

Ion Ratio Lower Upper

330 100

332 94.8 75.8 113.6

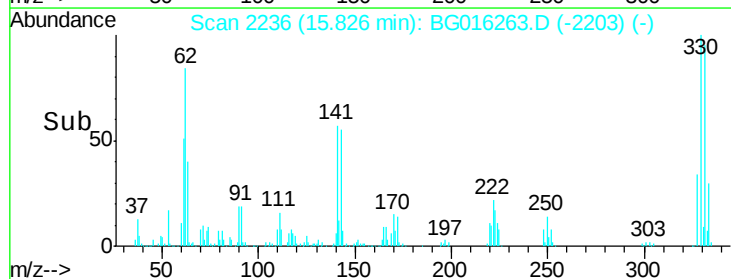
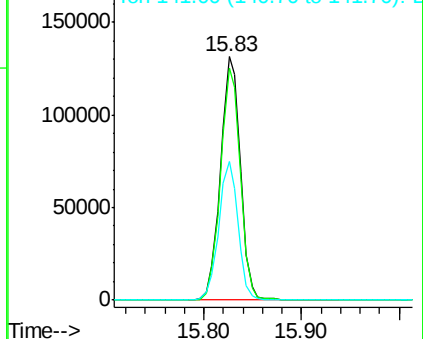
141 55.7 46.6 69.8

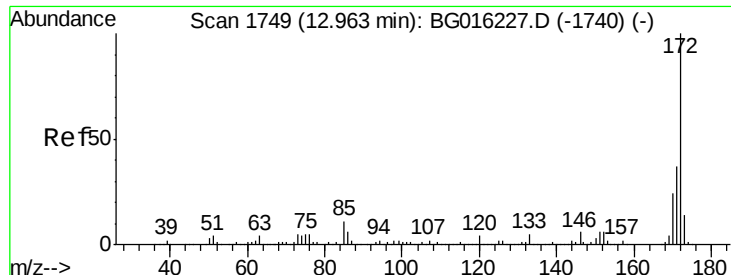


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

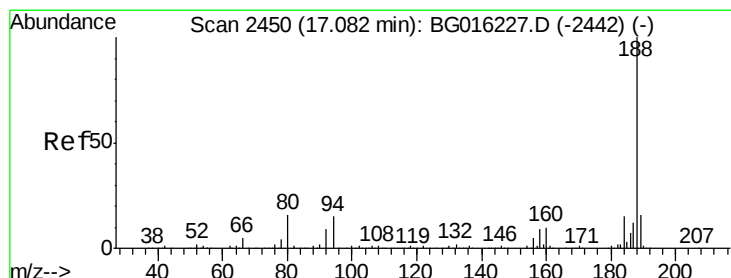
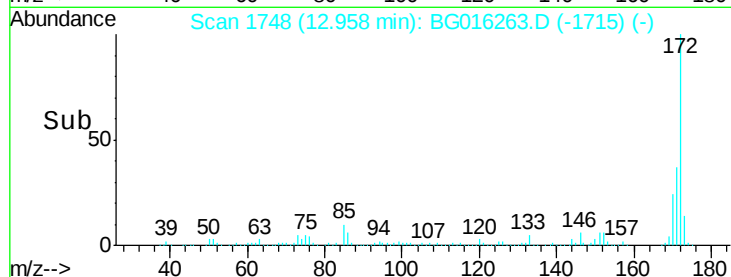
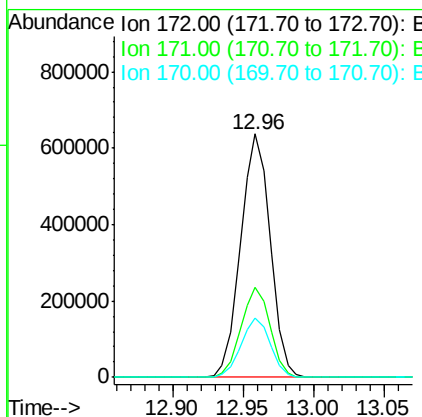
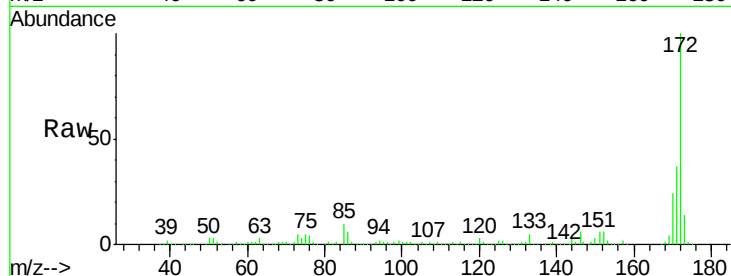




#44
 2-Fluorobiphenyl
 Concen: 99.21 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG016263.D
 Acq: 7 Apr 2015 18:59

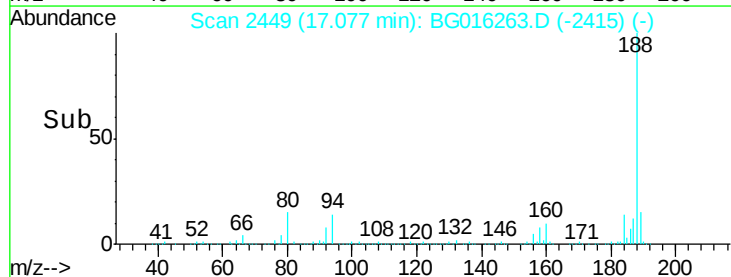
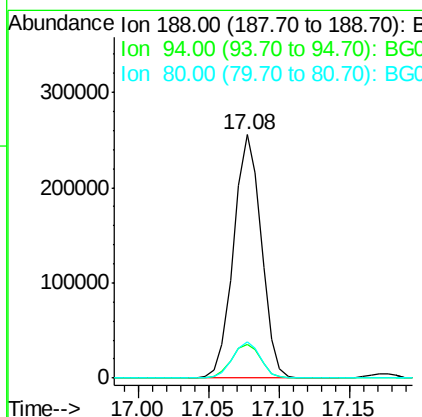
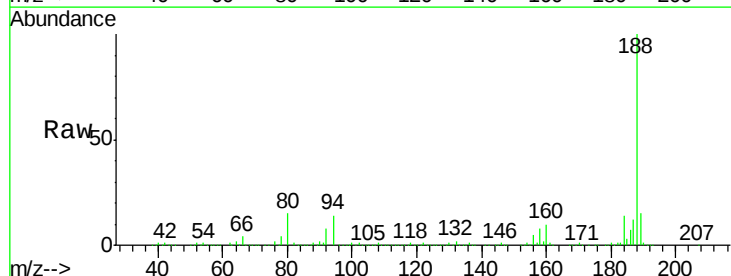
Instrument :
 BNA_G
 ClientSampleId :
 GMW-04

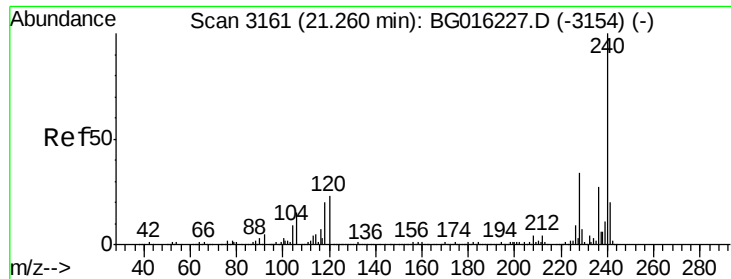
Tgt Ion:172 Resp: 932825
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.2 19.4 29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.08 min Scan# 2449
 Delta R.T. 0.00 min
 Lab File: BG016263.D
 Acq: 7 Apr 2015 18:59

Tgt Ion:188 Resp: 350229
 Ion Ratio Lower Upper
 188 100
 94 13.8 12.2 18.4
 80 14.7 12.8 19.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG016263.D

Acq: 7 Apr 2015 18:59

Instrument :

BNA_G

ClientSampleId :

GMW-04

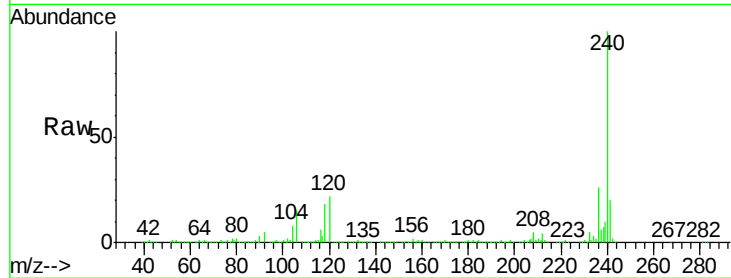
Tgt Ion:240 Resp: 310616

Ion Ratio Lower Upper

240 100

120 22.2 18.6 28.0

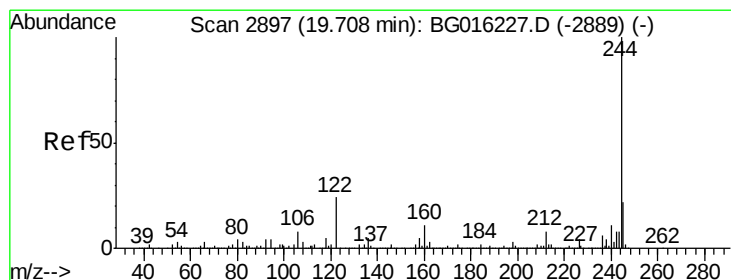
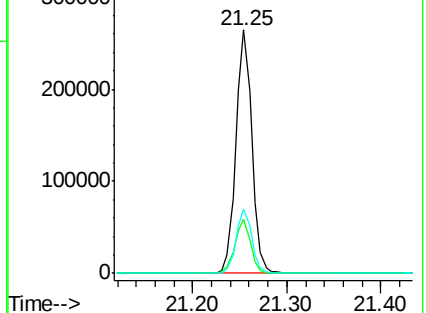
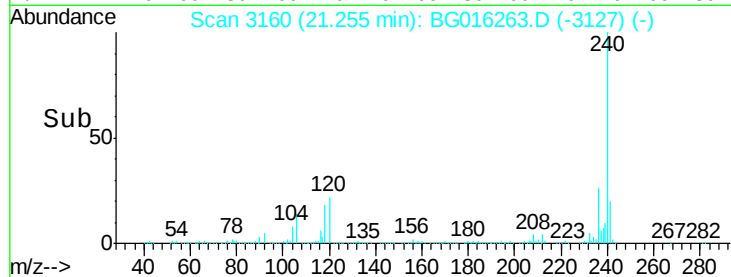
236 26.4 21.7 32.5



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: 87.18 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BG016263.D

Acq: 7 Apr 2015 18:59

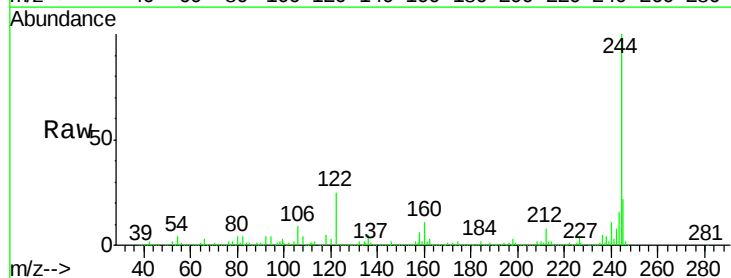
Tgt Ion:244 Resp: 1156996

Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

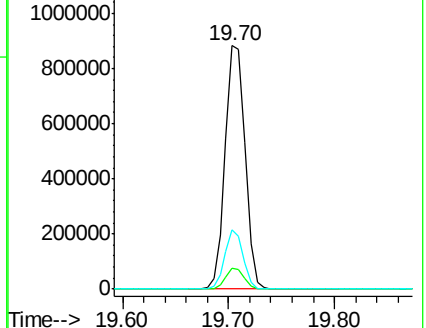
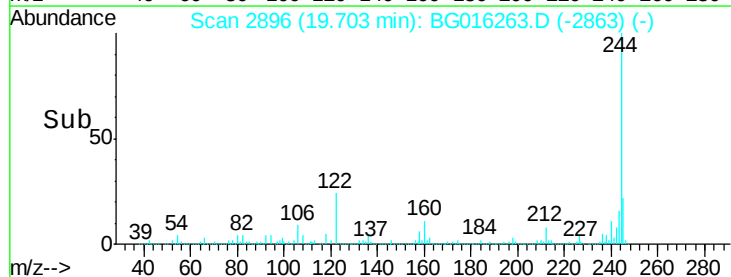
122 24.5 19.1 28.7

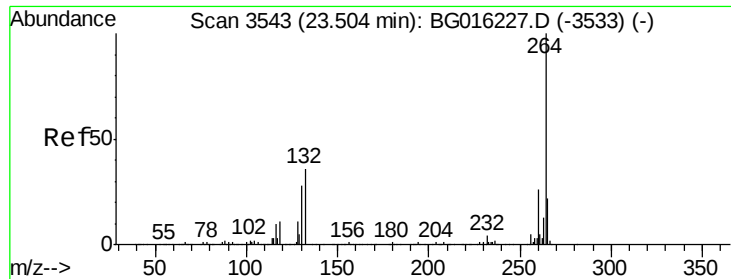


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

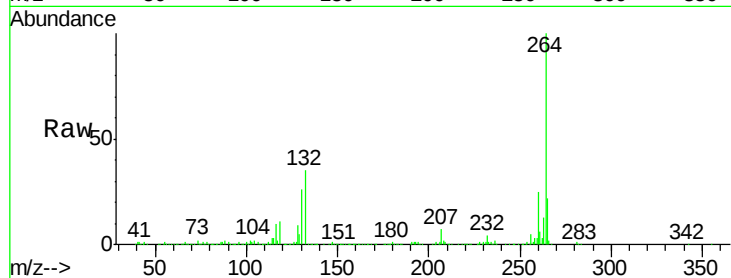




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3542
Delta R.T. 0.00 min
Lab File: BG016263.D
Acq: 7 Apr 2015 18:59

Instrument :
BNA_G
ClientSampleId :
GMW-04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	22.1	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

