

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040715\
 Data File : BG016258.D
 Acq On : 7 Apr 2015 16:05
 Operator : TP/IZ
 Sample : G1776-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-27

Quant Time: Apr 08 02:38:55 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	58650	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	283375	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	175052	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	366580	20.00	ng	0.00
75) Chrysene-d12	21.25	240	323132	20.00	ng	0.00
86) Perylene-d12	23.49	264	292315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	184981	49.78	ng	0.00
7) Phenol-d6	6.87	99	173542	31.11	ng	0.00
23) Nitrobenzene-d5	8.85	82	381545	78.00	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	191228	161.53	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	924183	89.89	ng	0.00
78) Terphenyl-d14	19.70	244	1192079	86.34	ng	0.00

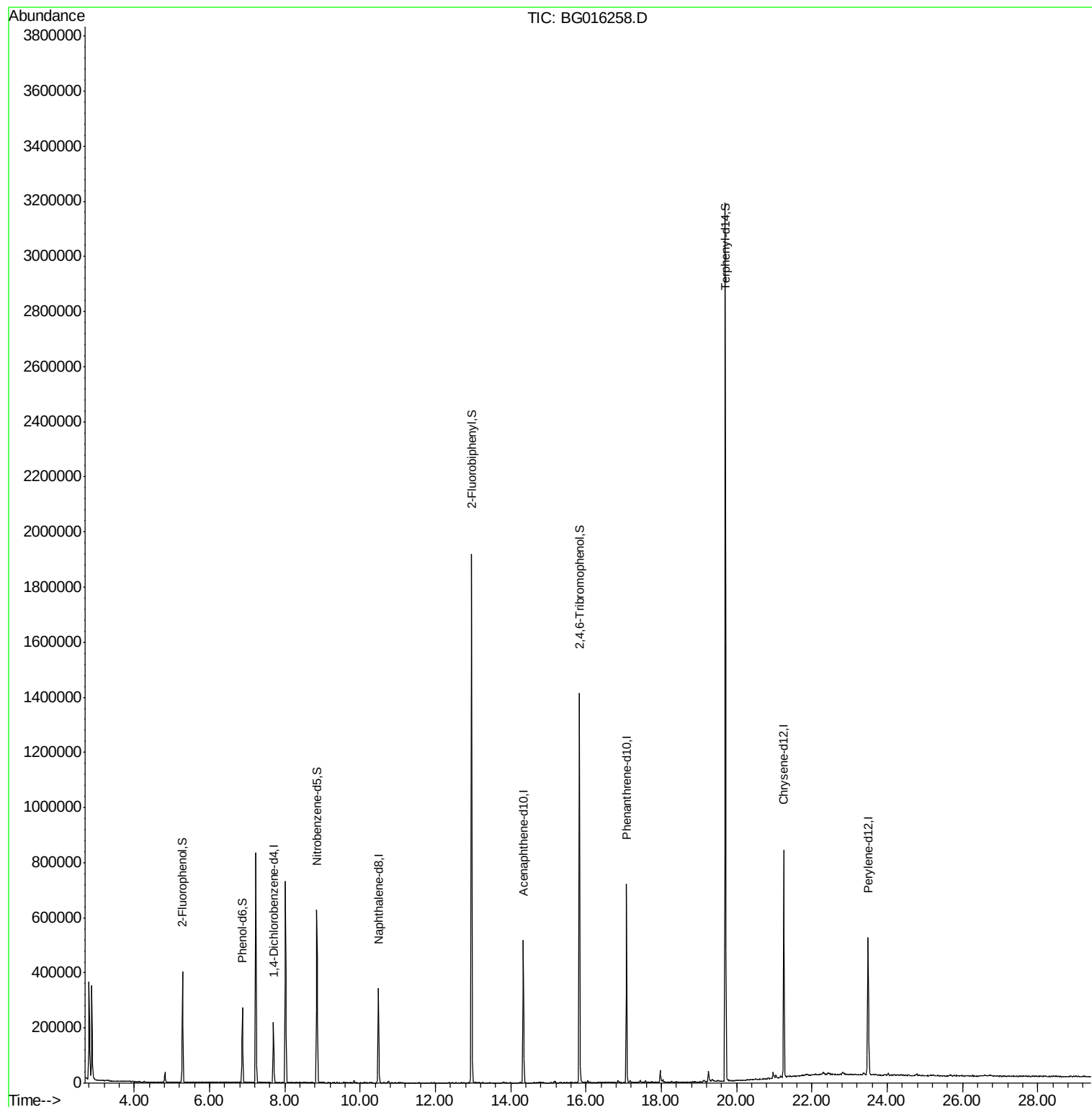
Target Compounds	Qvalue
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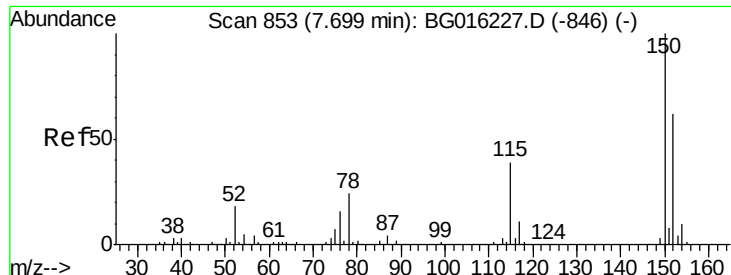
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG016258.D

Acq: 7 Apr 2015 16:05

Instrument :

BNA_G

ClientSampleId :

MW-27

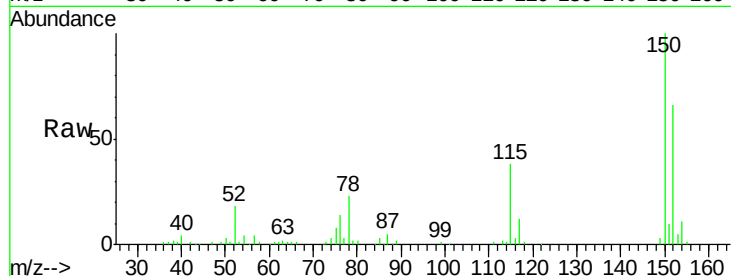
Tgt Ion:152 Resp: 58650

Ion Ratio Lower Upper

152 100

150 152.6 130.1 195.1

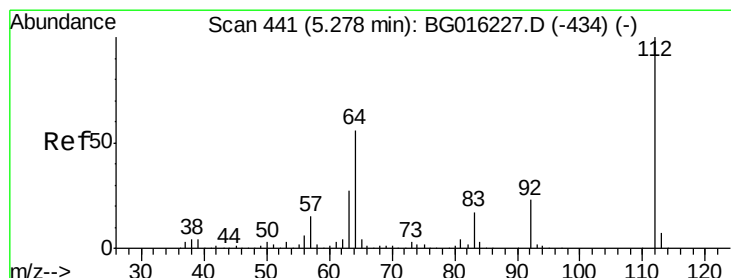
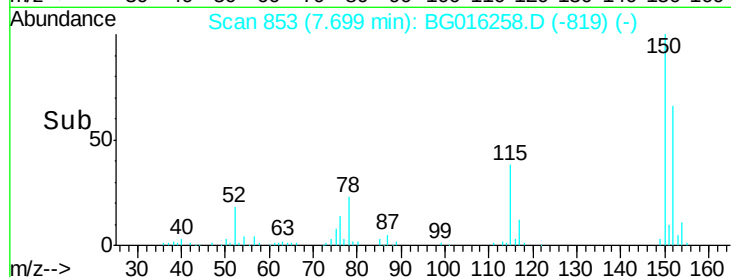
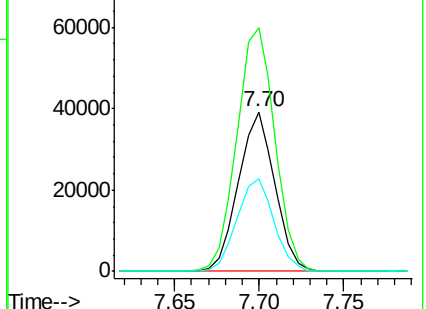
115 57.6 50.5 75.7



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: 49.78 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG016258.D

Acq: 7 Apr 2015 16:05

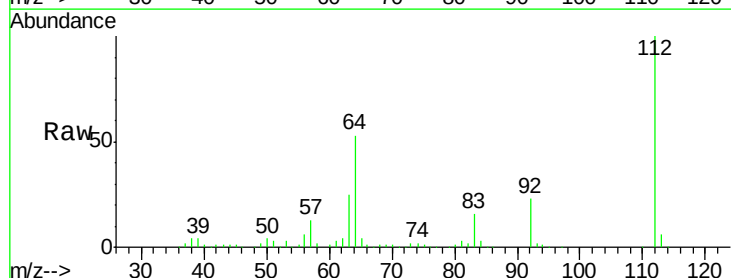
Tgt Ion:112 Resp: 184981

Ion Ratio Lower Upper

112 100

64 53.2 44.5 66.7

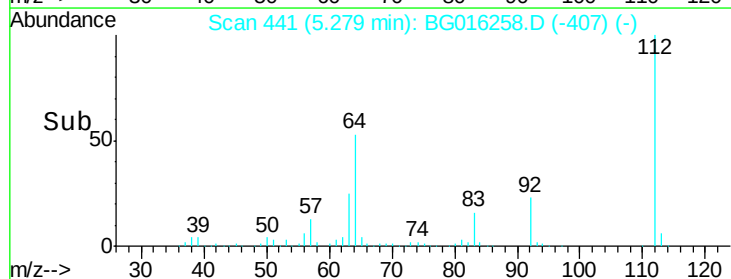
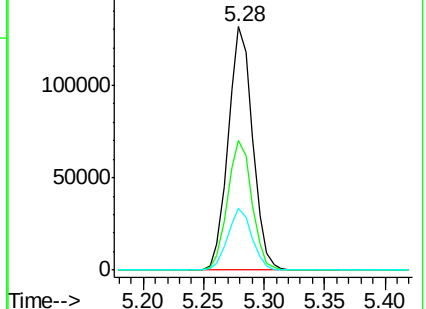
63 25.4 21.4 32.0

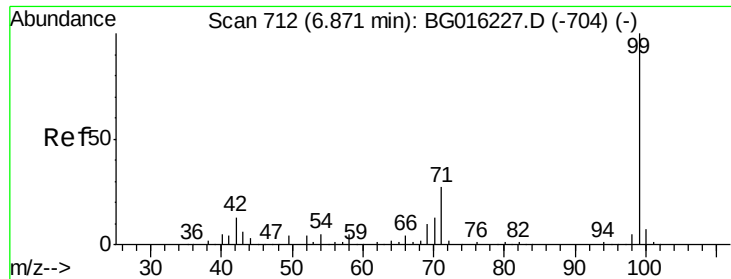


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.11 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG016258.D

Acq: 7 Apr 2015 16:05

Instrument :

BNA_G

ClientSampleId :

MW-27

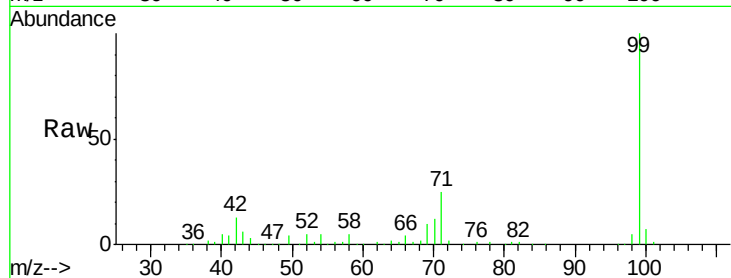
Tgt Ion: 99 Resp: 173542

Ion Ratio Lower Upper

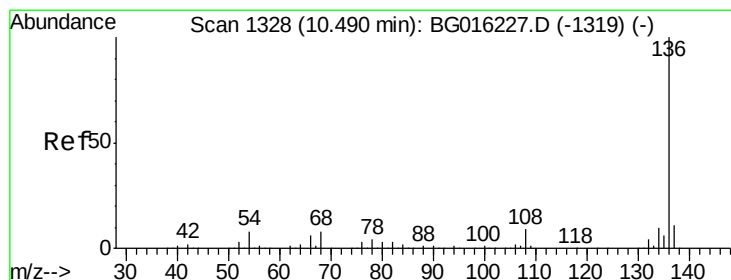
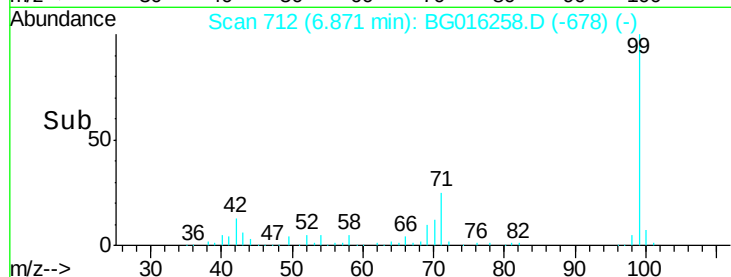
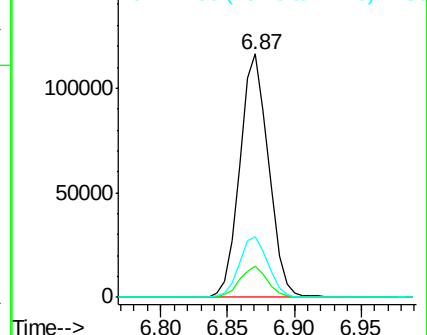
99 100

42 12.8 10.0 15.0

71 24.8 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG016258.D

Acq: 7 Apr 2015 16:05

Tgt Ion: 136 Resp: 283375

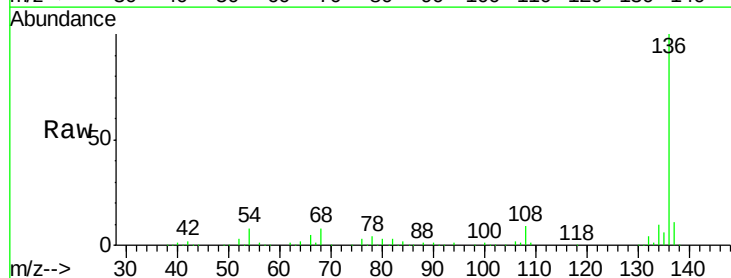
Ion Ratio Lower Upper

136 100

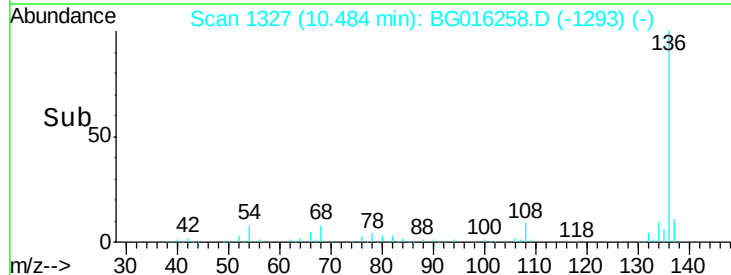
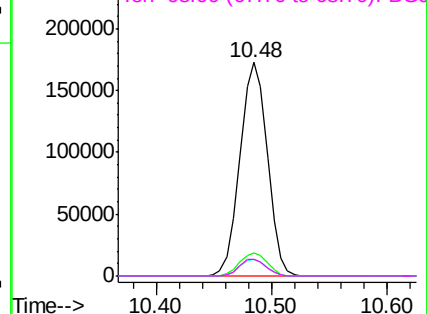
137 11.1 8.7 13.1

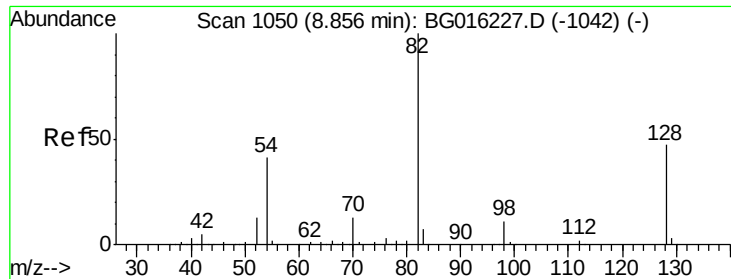
54 7.7 6.3 9.5

68 8.1 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

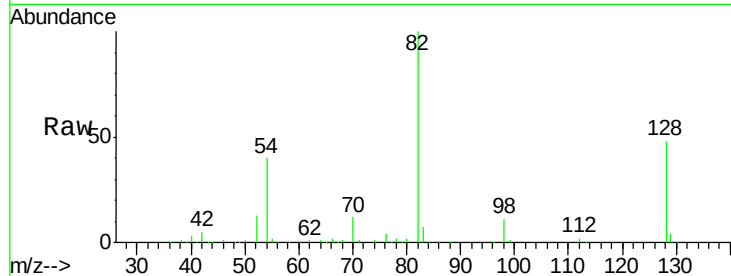




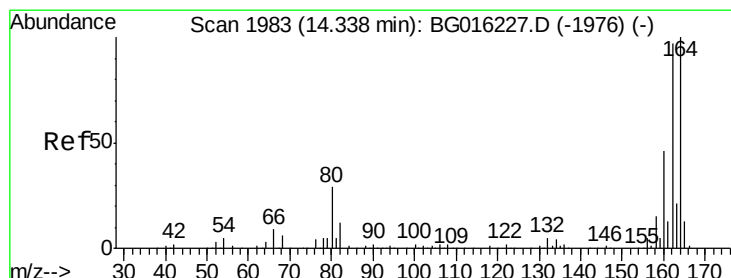
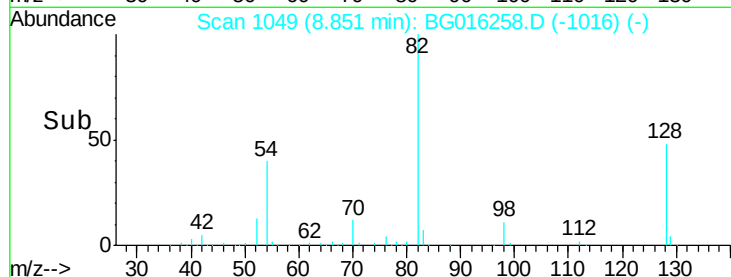
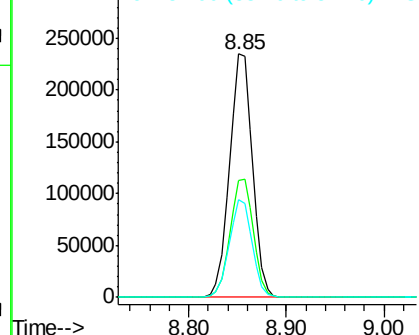
#23
 Nitrobenzene-d5
 Concen: 78.00 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG016258.D
 Acq: 7 Apr 2015 16:05

Instrument :
 BNA_G
 ClientSampleId :
 MW-27

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.8	56.8
54	40.0	32.6	49.0

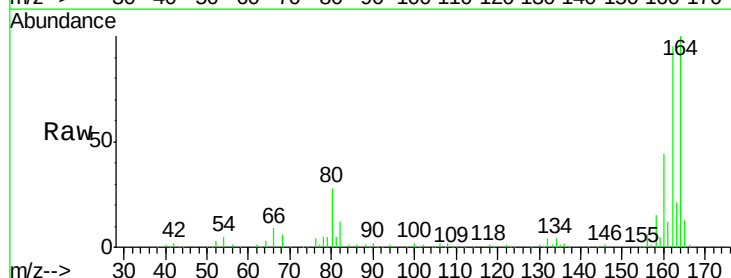


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

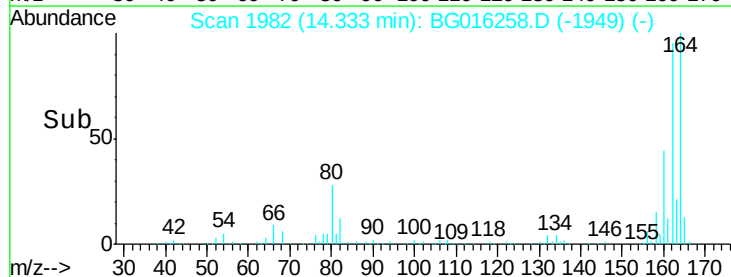
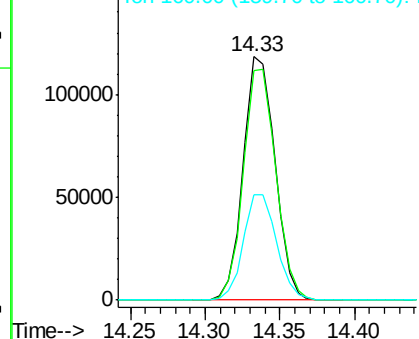


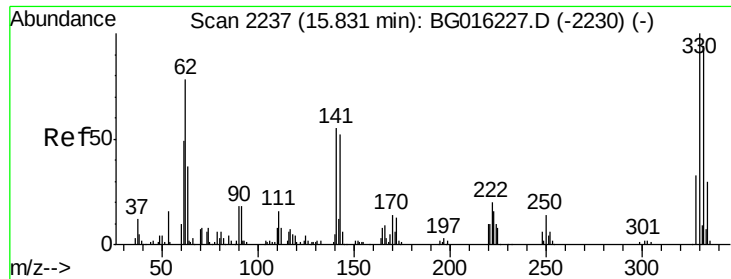
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BG016258.D
 Acq: 7 Apr 2015 16:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.5	77.3	115.9
160	43.5	36.7	55.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

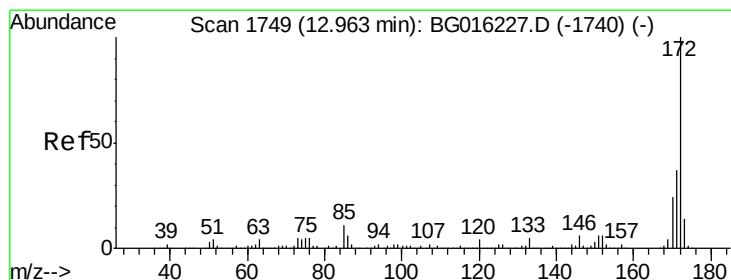
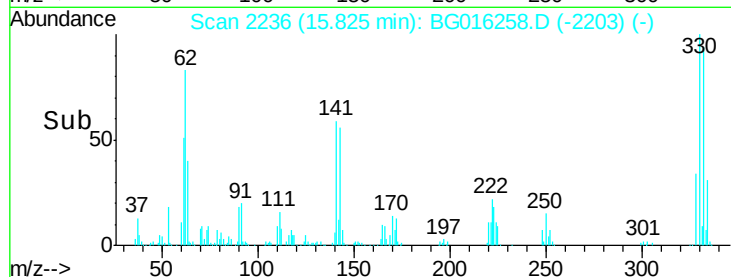
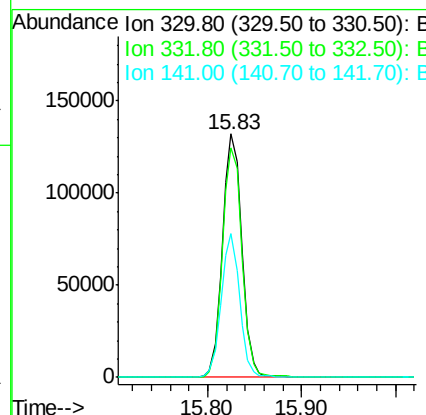
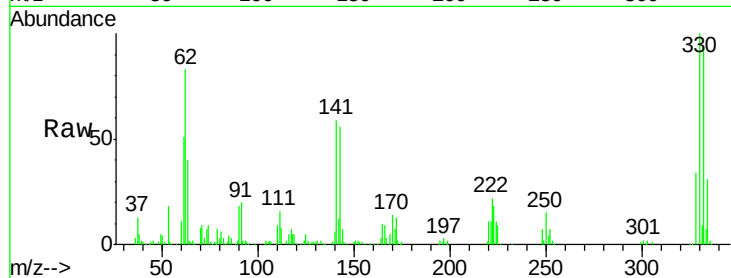




#41
 2,4,6-Tribromophenol
 Concen: 161.53 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BG016258.D
 Acq: 7 Apr 2015 16:05

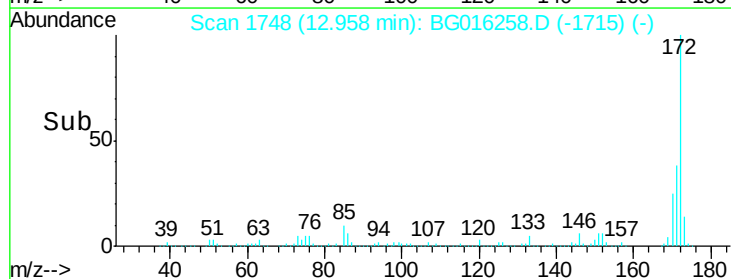
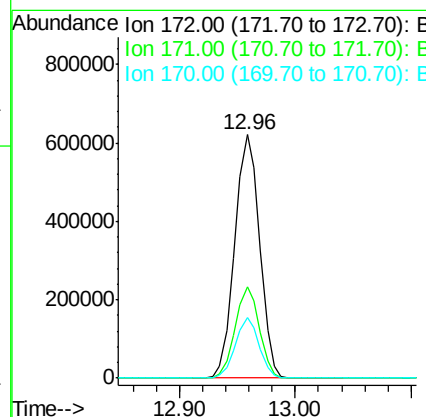
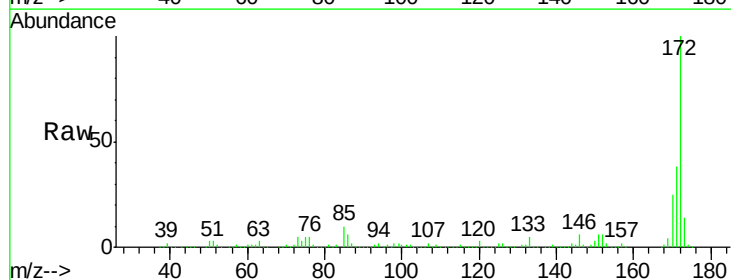
Instrument :
 BNA_G
 ClientSampleId :
 MW-27

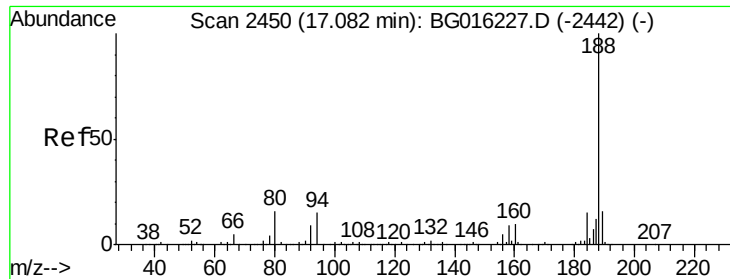
Tgt Ion:330 Resp: 191228
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.8 113.6
 141 56.1 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 89.89 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG016258.D
 Acq: 7 Apr 2015 16:05

Tgt Ion:172 Resp: 924183
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.6 44.4
 170 24.7 19.4 29.2

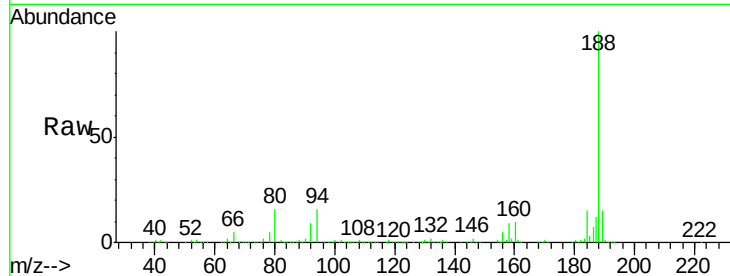




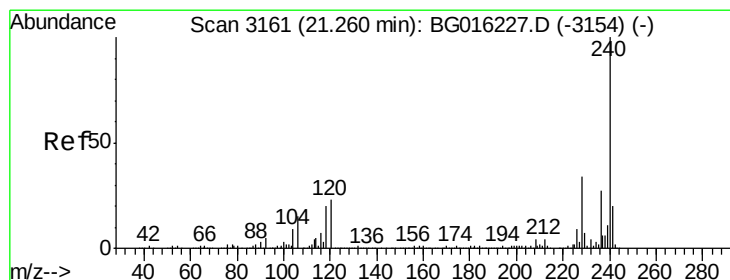
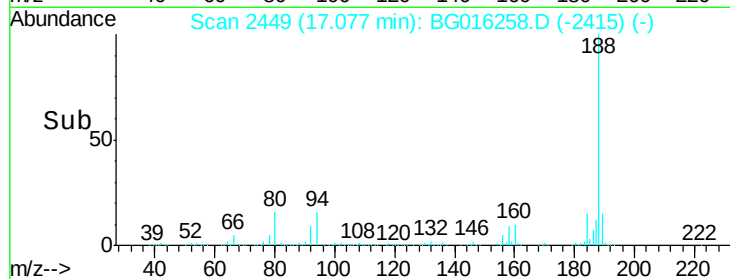
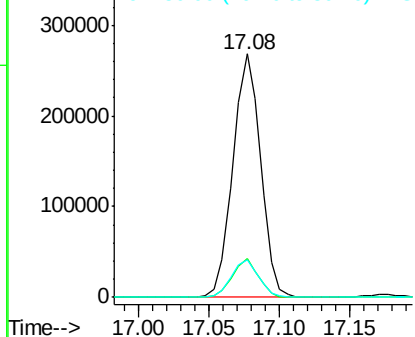
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BG016258.D
Acq: 7 Apr 2015 16:05

Instrument :
BNA_G
ClientSampleId :
MW-27

Tgt Ion:188 Resp: 366580
Ion Ratio Lower Upper
188 100
94 15.8 12.2 18.4
80 15.6 12.8 19.2

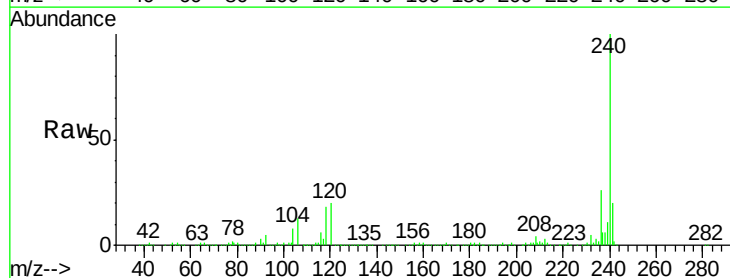


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

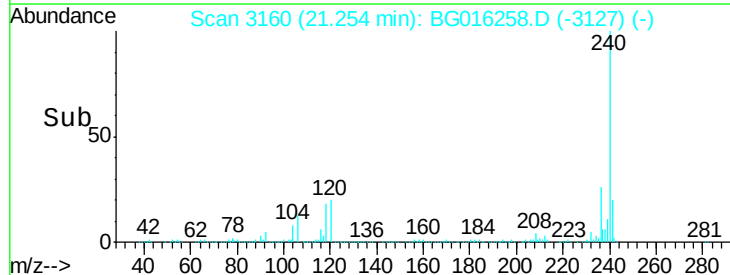
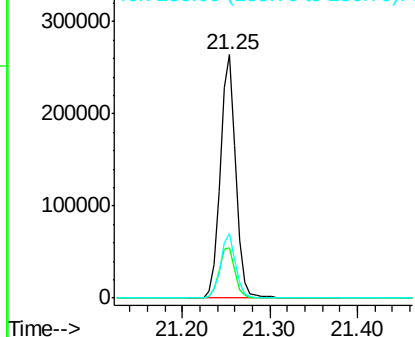


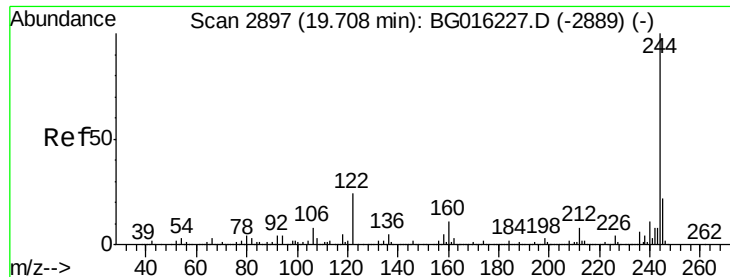
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG016258.D
Acq: 7 Apr 2015 16:05

Tgt Ion:240 Resp: 323132
Ion Ratio Lower Upper
240 100
120 20.5 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: 86.34 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BG016258.D

Acq: 7 Apr 2015 16:05

Instrument :

BNA_G

ClientSampleId :

MW-27

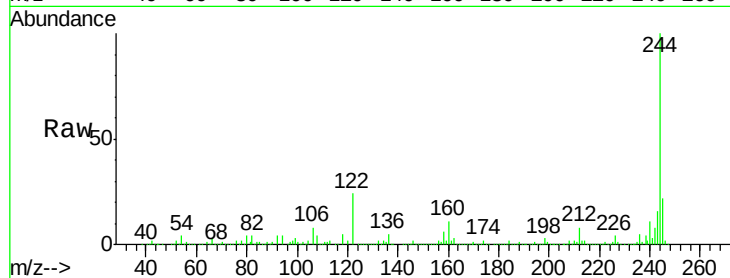
Tgt Ion:244 Resp: 1192079

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

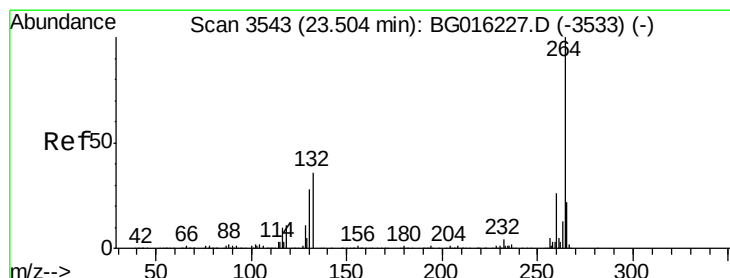
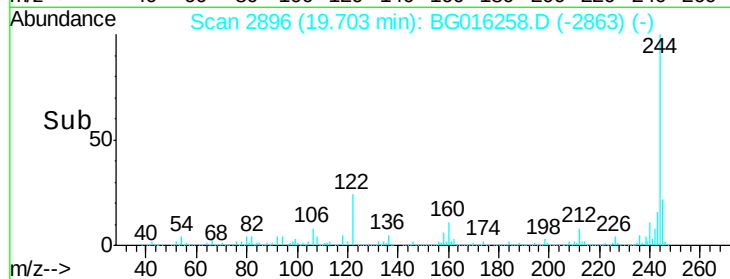
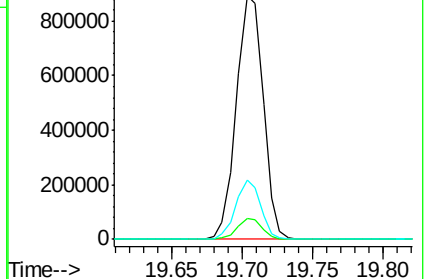
122 24.3 19.1 28.7



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# 3541

Delta R.T. -0.01 min

Lab File: BG016258.D

Acq: 7 Apr 2015 16:05

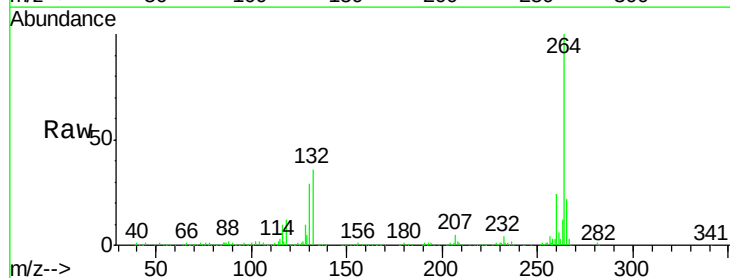
Tgt Ion:264 Resp: 292315

Ion Ratio Lower Upper

264 100

260 24.4 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

