

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
 Data File : BG016312.D
 Acq On : 10 Apr 2015 5:30
 Operator : TP/IZ
 Sample : G1805-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-23

Quant Time: Apr 10 06:25:36 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

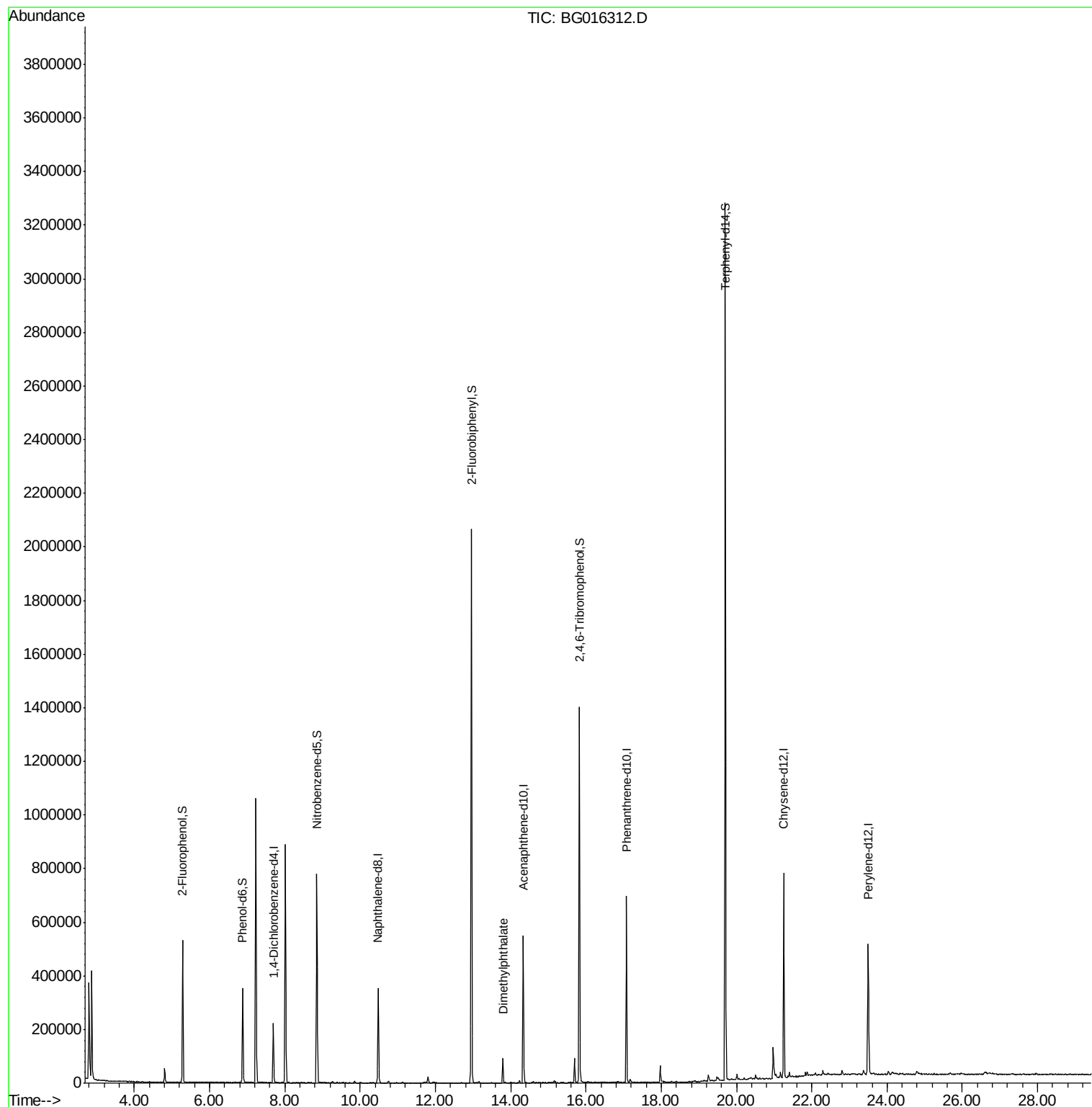
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	59845	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	291820	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	175054	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	373032	20.00	ng	0.00
75) Chrysene-d12	21.26	240	314795	20.00	ng	0.00
86) Perylene-d12	23.50	264	290930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	248163	65.44	ng	0.00
7) Phenol-d6	6.88	99	230581	40.51	ng	0.00
23) Nitrobenzene-d5	8.85	82	454838	90.29	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	184282	155.66	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1008084	98.05	ng	0.00
78) Terphenyl-d14	19.71	244	1183350	87.98	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.80	163	59525	4.64	ng	Qvalue # 95

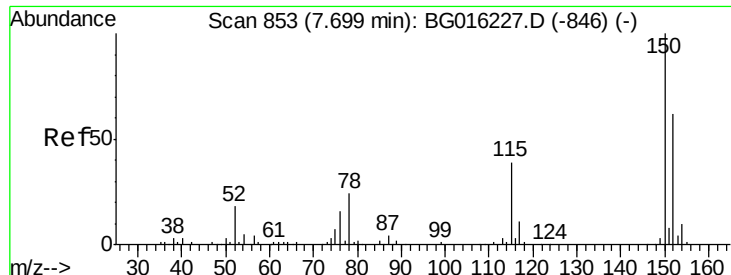
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG016312.D

Acq: 10 Apr 2015 5:30

Instrument :

BNA_G

ClientSampleId :

MW-23

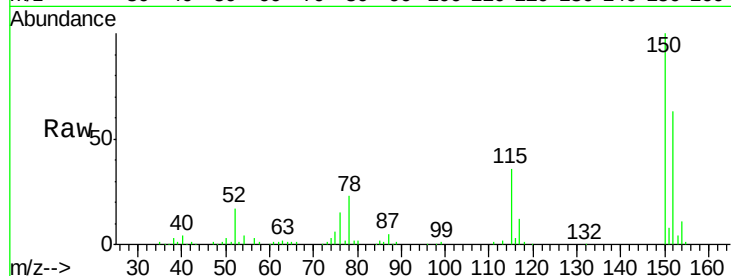
Tot Ion:152 Resp: 59845

Ion Ratio Lower Upper

152 100

150 158.9 130.1 195.1

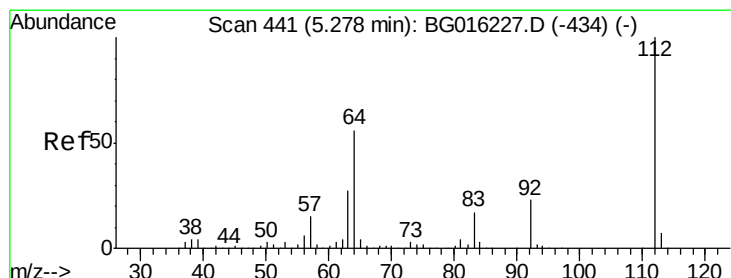
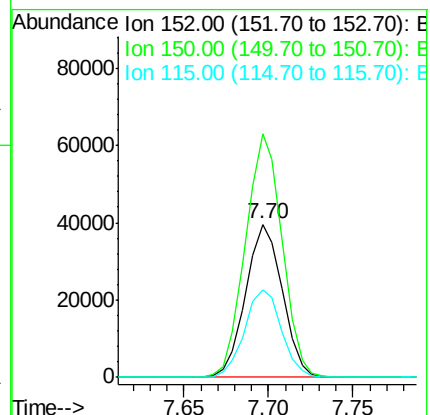
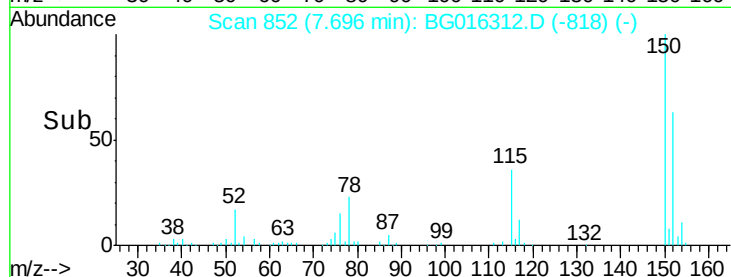
115 57.3 50.5 75.7



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: 65.44 ng

RT: 5.29 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG016312.D

Acq: 10 Apr 2015 5:30

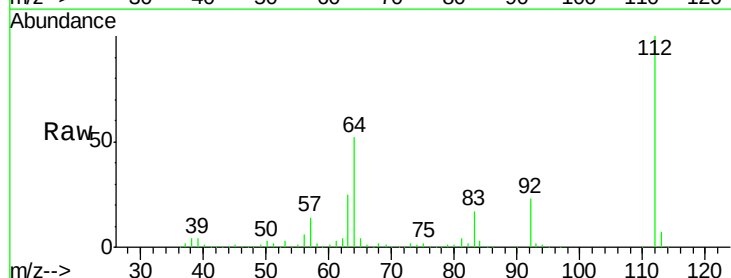
Tgt Ion:112 Resp: 248163

Ion Ratio Lower Upper

112 100

64 52.5 44.5 66.7

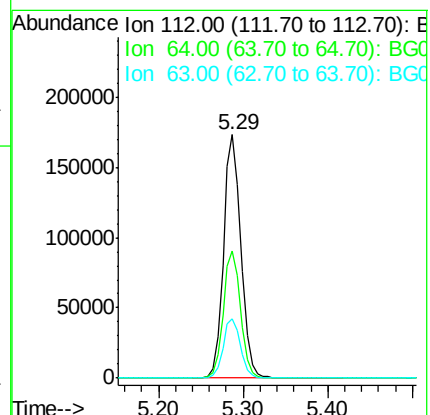
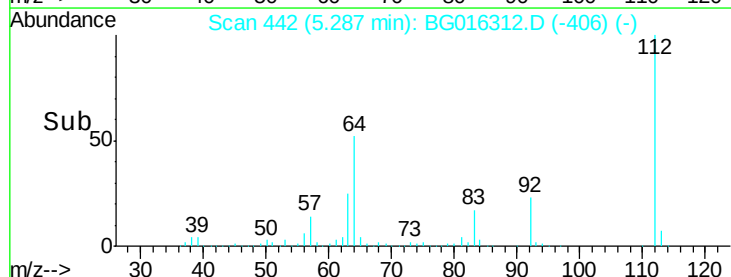
63 24.6 21.4 32.0

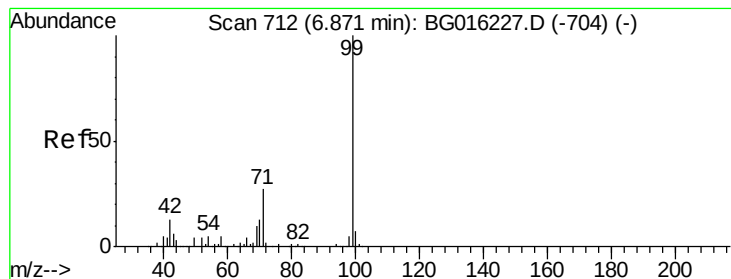


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.51 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG016312.D

Acq: 10 Apr 2015 5:30

Instrument :

BNA_G

ClientSampleId :

MW-23

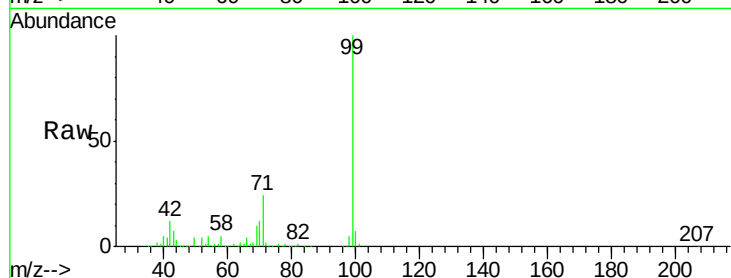
Tot Ion: 99 Resp: 230581

Ion Ratio Lower Upper

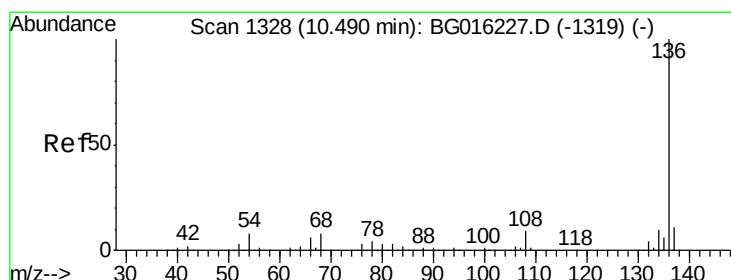
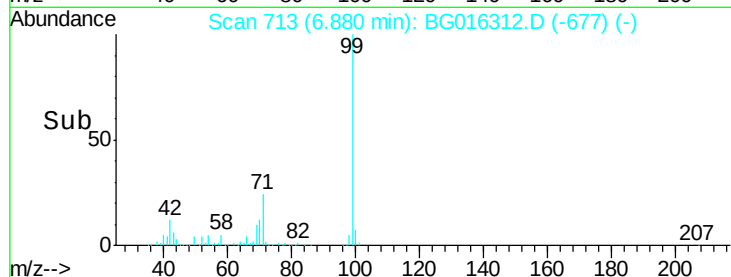
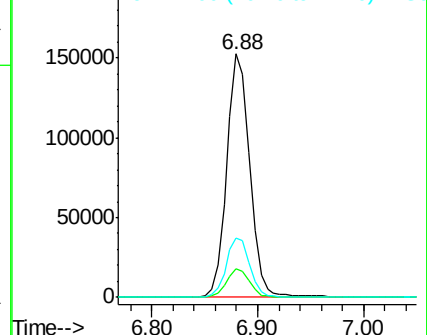
99 100

42 11.9 10.0 15.0

71 24.3 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# 1326

Delta R.T. -0.01 min

Lab File: BG016312.D

Acq: 10 Apr 2015 5:30

Tgt Ion: 136 Resp: 291820

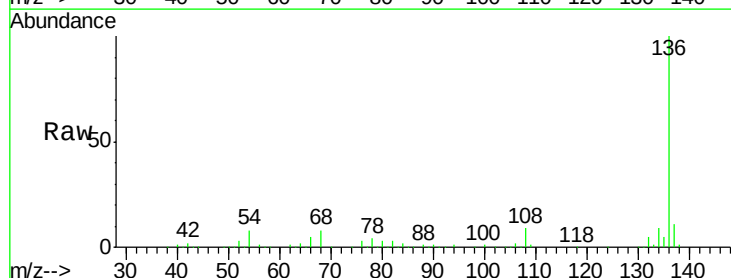
Ion Ratio Lower Upper

136 100

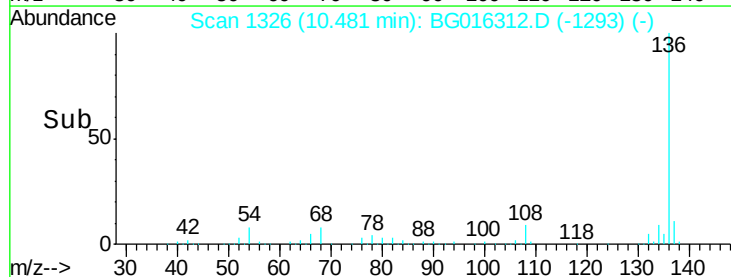
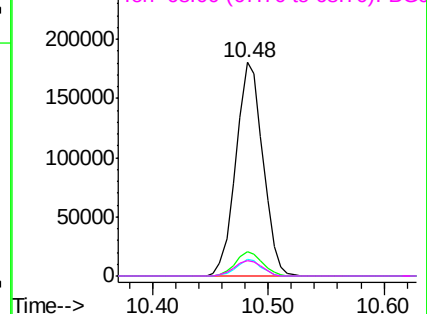
137 11.1 8.7 13.1

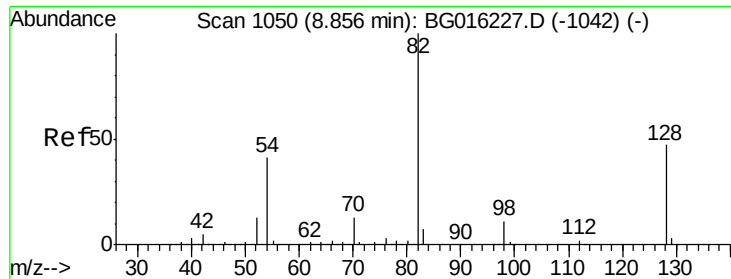
54 7.6 6.3 9.5

68 7.5 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

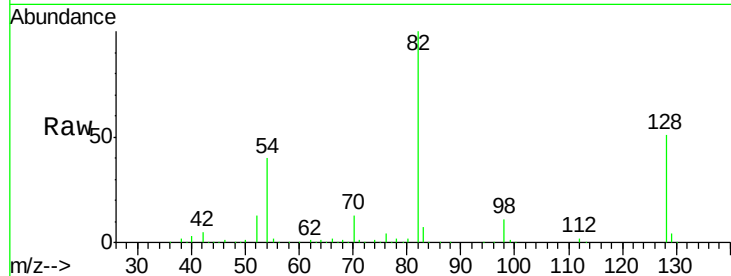




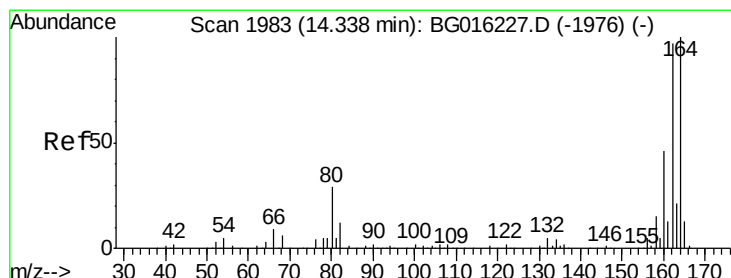
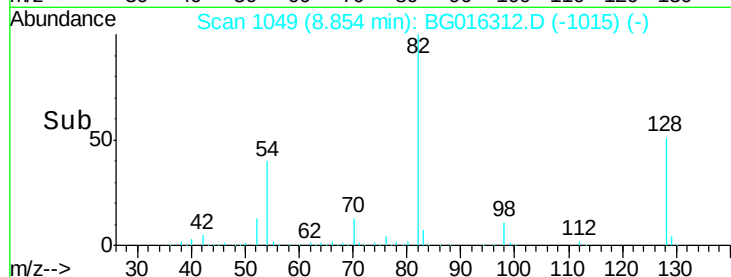
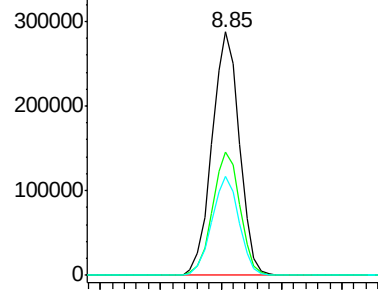
#23
Nitrobenzene-d5
Concen: 90.29 ng
RT: 8.85 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG016312.D
Acq: 10 Apr 2015 5:30

Instrument :
BNA_G
ClientSampleId :
MW-23

Tot Ion	82	Resp	454838
Ion Ratio	100	Lower	Upper
128	50.6	37.8	56.8
54	40.5	32.6	49.0

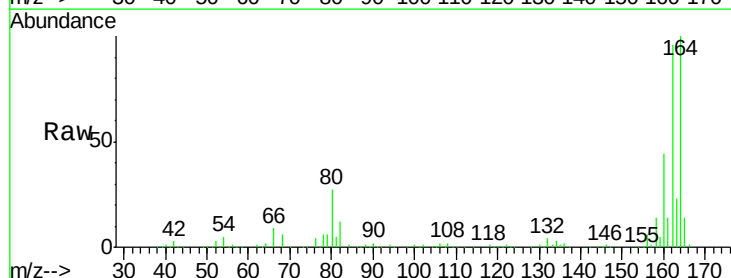


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

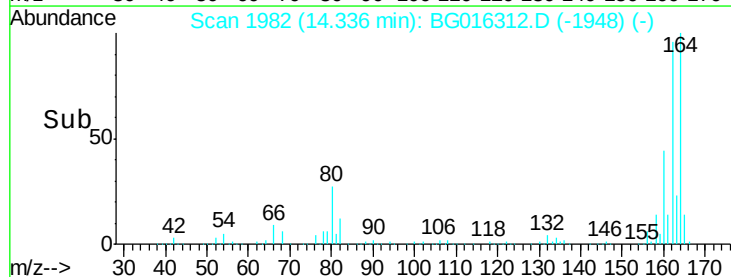
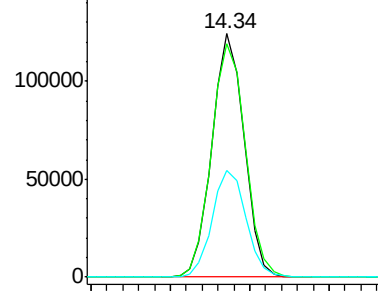


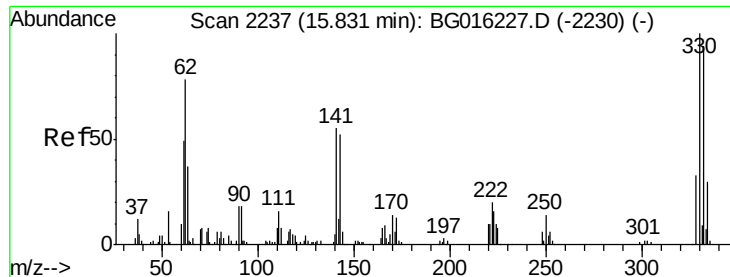
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG016312.D
Acq: 10 Apr 2015 5:30

Tgt Ion	164	Resp	175054
Ion Ratio	100	Lower	Upper
162	95.7	77.3	115.9
160	43.6	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: 155.66 ng

RT: 15.83 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG016312.D

Acq: 10 Apr 2015 5:30

Instrument :

BNA_G

ClientSampleId :

MW-23

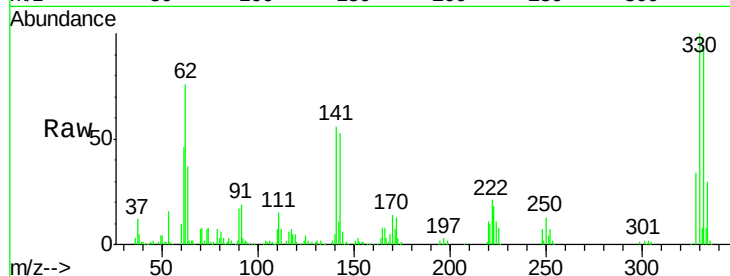
Tot Ion:330 Resp: 184282

Ion Ratio Lower Upper

330 100

332 94.8 75.8 113.6

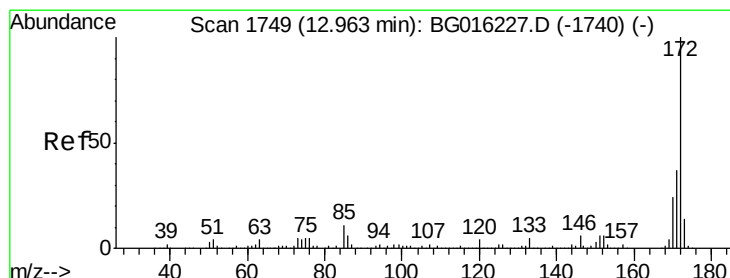
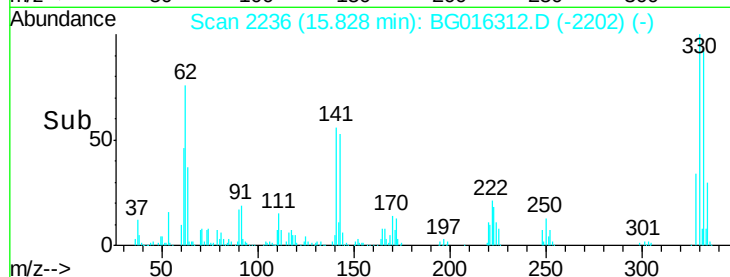
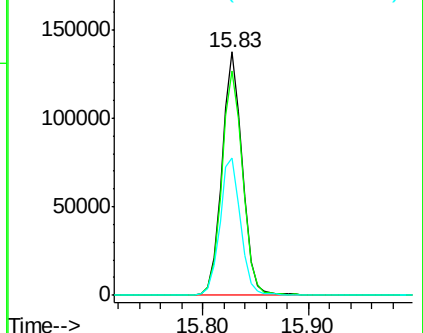
141 57.5 46.6 69.8



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: 98.05 ng

RT: 12.96 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BG016312.D

Acq: 10 Apr 2015 5:30

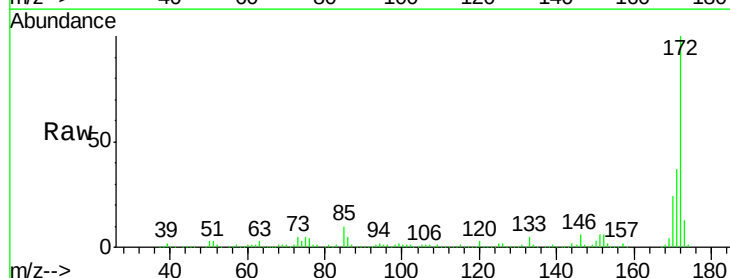
Tgt Ion:172 Resp: 1008084

Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

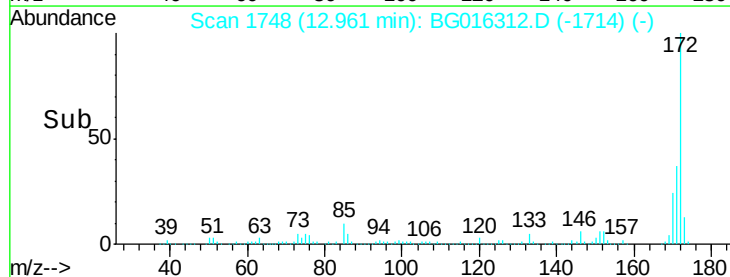
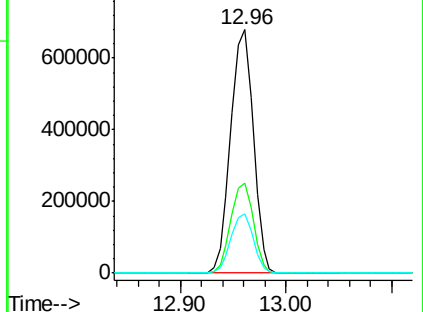
170 24.4 19.4 29.2

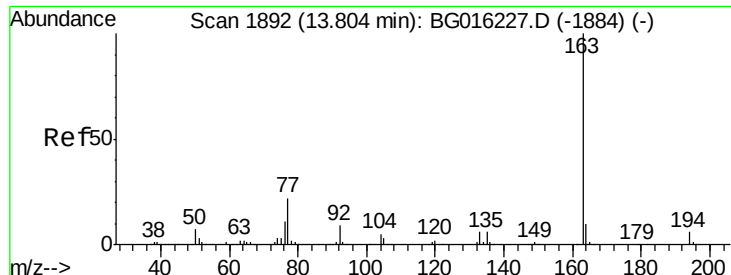


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.64 ng

RT: 13.80 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG016312.D

Acq: 10 Apr 2015 5:30

Instrument :

BNA_G

ClientSampleId :

MW-23

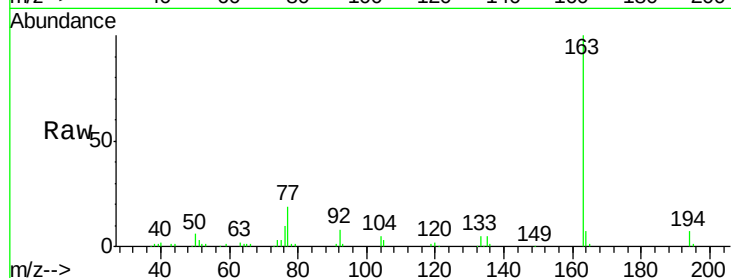
Tot Ion:163 Resp: 59525

Ion Ratio Lower Upper

163 100

194 6.5 5.0 7.4

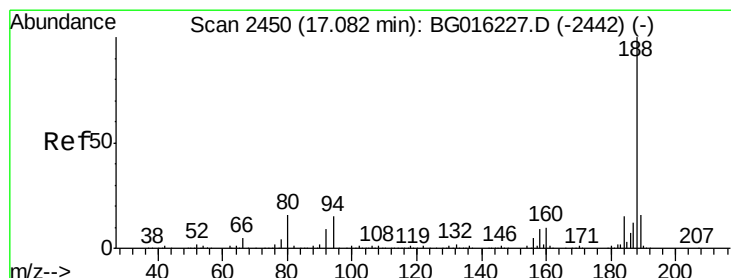
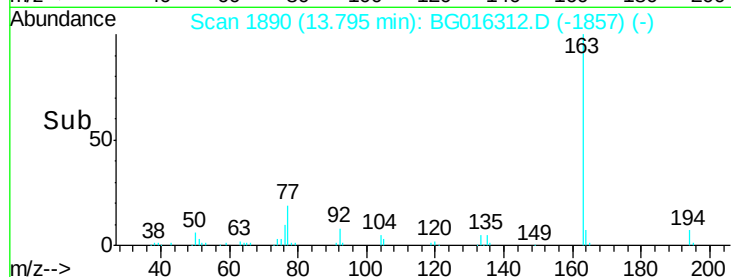
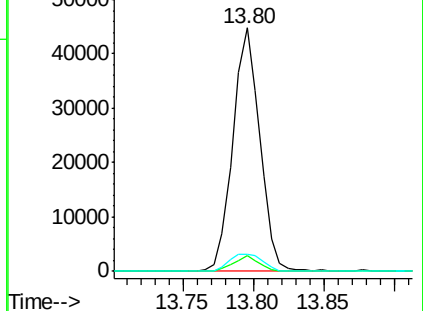
164 7.2 8.2 12.4#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG016312.D

Acq: 10 Apr 2015 5:30

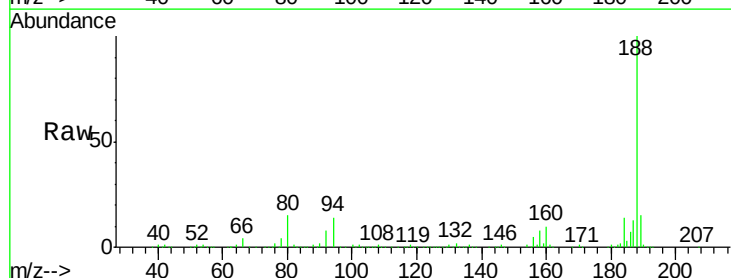
Tgt Ion:188 Resp: 373032

Ion Ratio Lower Upper

188 100

94 14.3 12.2 18.4

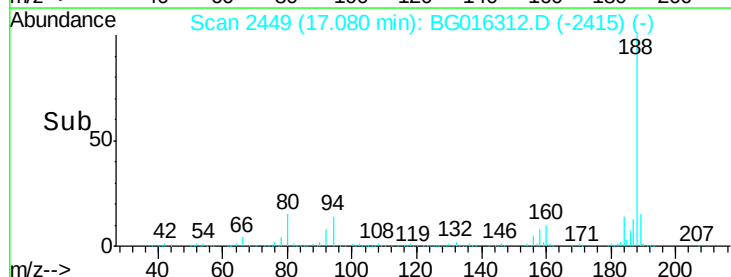
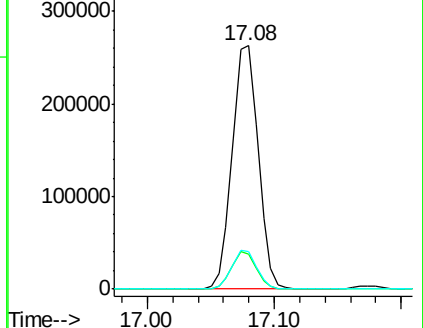
80 15.3 12.8 19.2

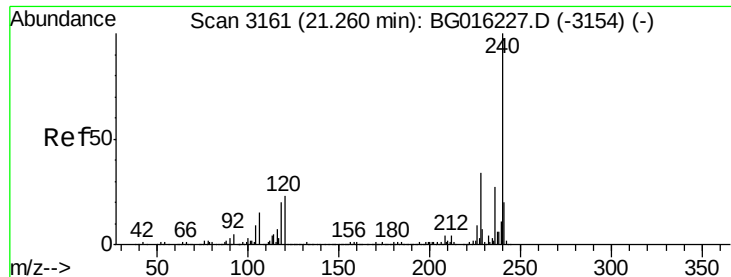


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG016312.D

Acq: 10 Apr 2015 5:30

Instrument :

BNA_G

ClientSampleId :

MW-23

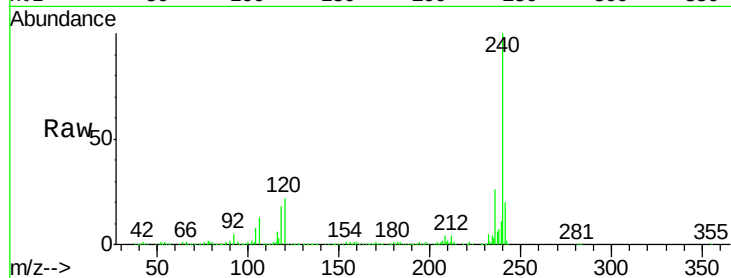
Tot Ion:240 Resp: 314795

Ion Ratio Lower Upper

240 100

120 21.5 18.6 28.0

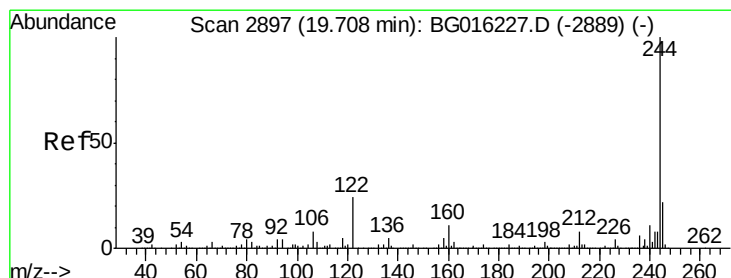
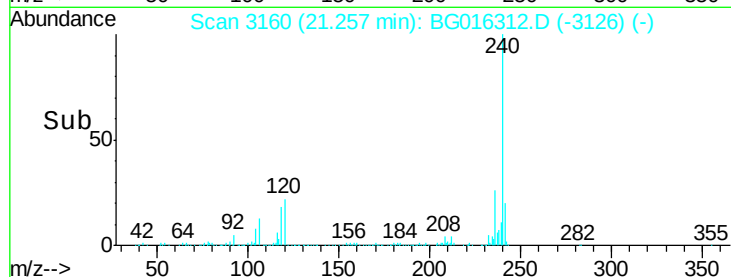
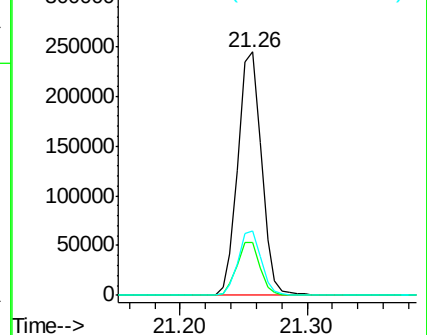
236 26.3 21.7 32.5



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: 87.98 ng

RT: 19.71 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG016312.D

Acq: 10 Apr 2015 5:30

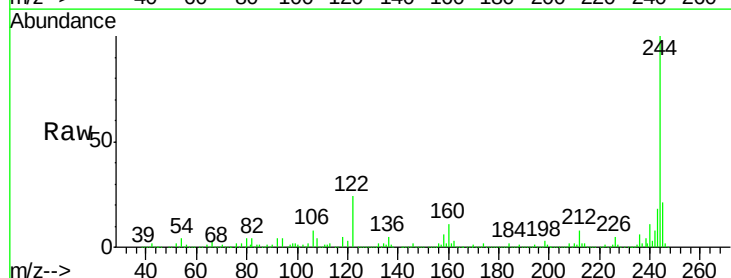
Tgt Ion:244 Resp: 1183350

Ion Ratio Lower Upper

244 100

212 8.5 6.6 9.8

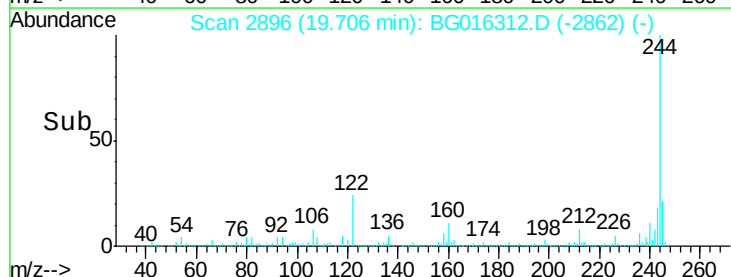
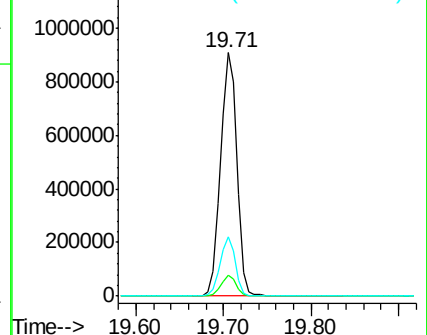
122 24.3 19.1 28.7

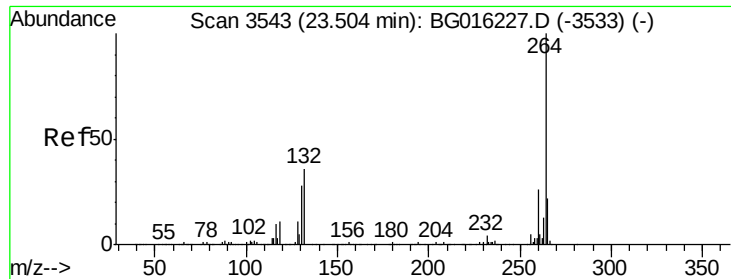


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

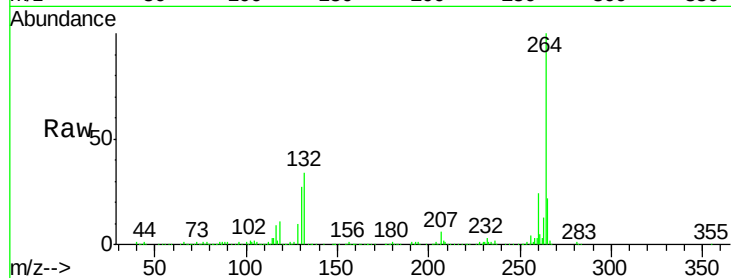




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BG016312.D
Acq: 10 Apr 2015 5:30

Instrument :
BNA_G
ClientSampleId :
MW-23

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.4	30.6
265	22.2	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

