

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024650.D
 Acq On : 3 Nov 2016 13:12
 Operator : UM/SJ
 Sample : H5502-27
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-83-7.6-16.4

Quant Time: Nov 03 14:22:35 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	123954	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	491781	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	380169	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	865368	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1129496	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1177564	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	447935	59.23	ng	0.00
7) Phenol-d6	7.40	99	458169	44.16	ng	0.00
23) Nitrobenzene-d5	9.44	82	769962	71.28	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	547304	96.36	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1551006	67.81	ng	0.00
78) Terphenyl-d14	20.21	244	2495917	66.03	ng	0.00

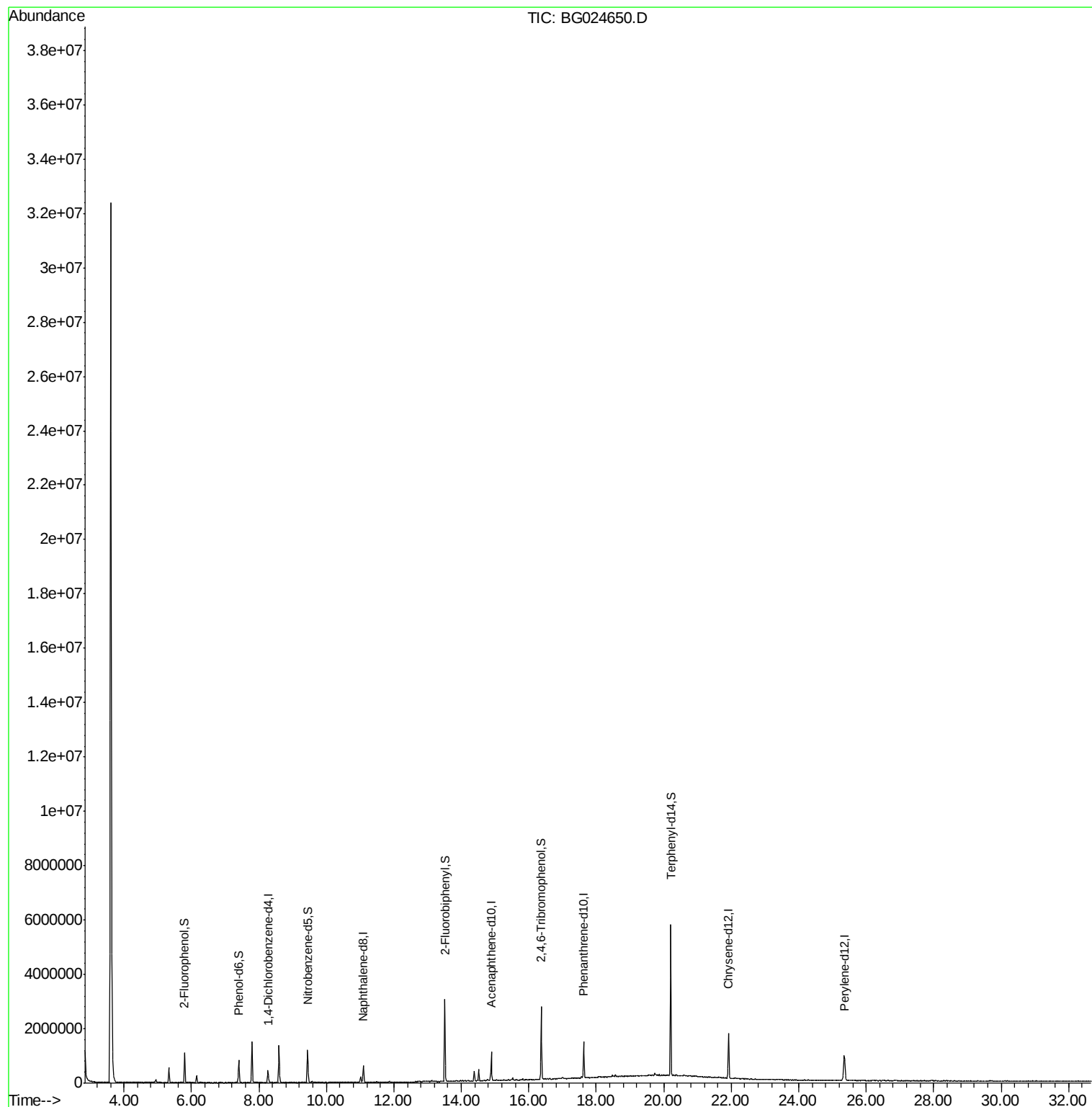
Target Compounds	Qvalue
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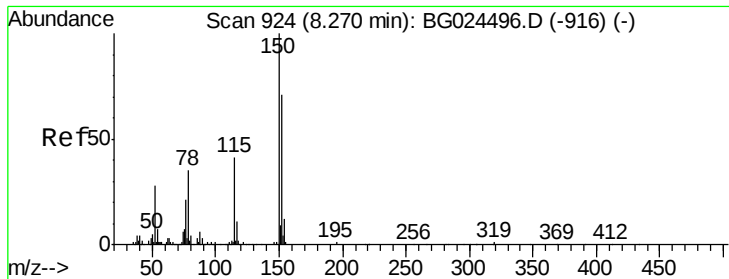
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024650.D

Acq: 3 Nov 2016 13:12

Instrument :

BNA_G

ClientSampleId :

GW-83-7.6-16.4

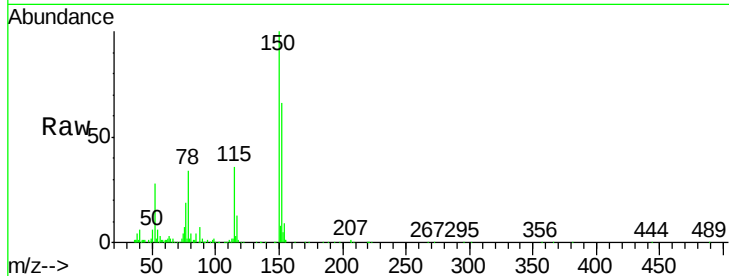
Tgt Ion:152 Resp: 123954

Ion Ratio Lower Upper

152 100

150 152.0 114.0 171.0

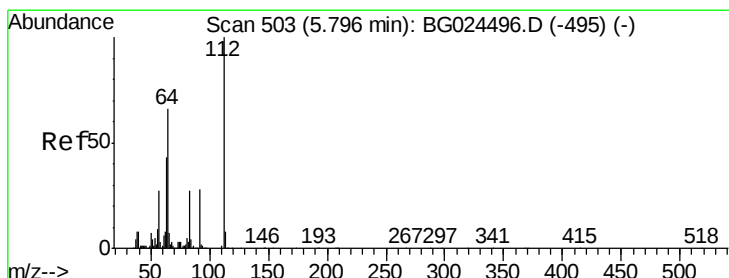
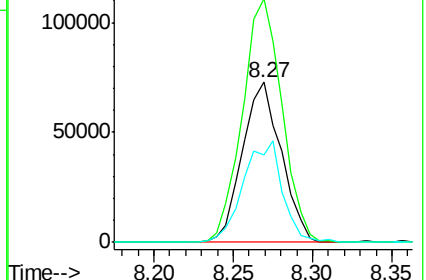
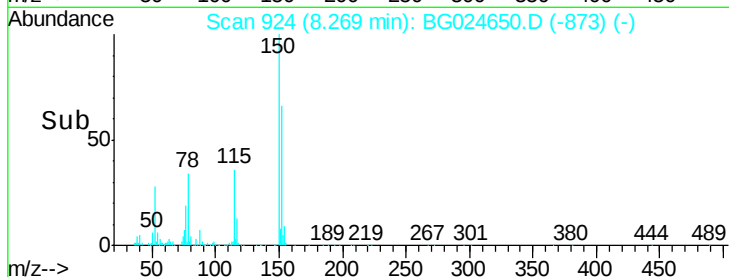
115 54.6 48.1 72.1



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: 59.23 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024650.D

Acq: 3 Nov 2016 13:12

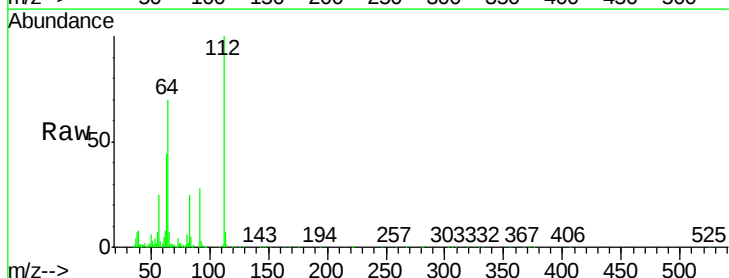
Tgt Ion:112 Resp: 447935

Ion Ratio Lower Upper

112 100

64 69.6 61.8 92.6

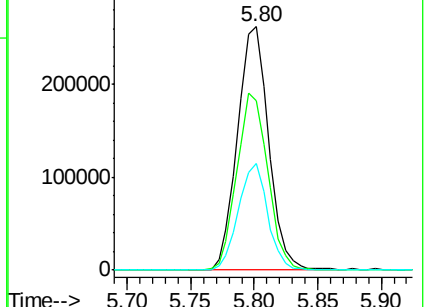
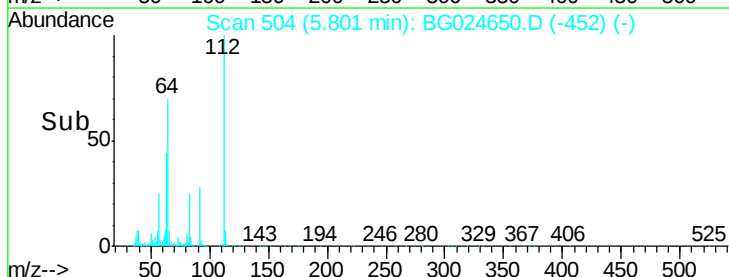
63 44.0 37.2 55.8

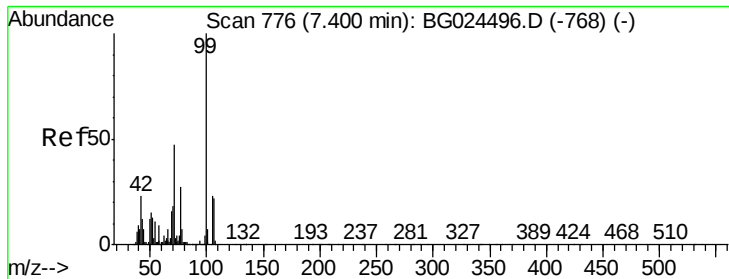


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.16 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024650.D

Acq: 3 Nov 2016 13:12

Instrument :

BNA_G

ClientSampleId :

GW-83-7.6-16.4

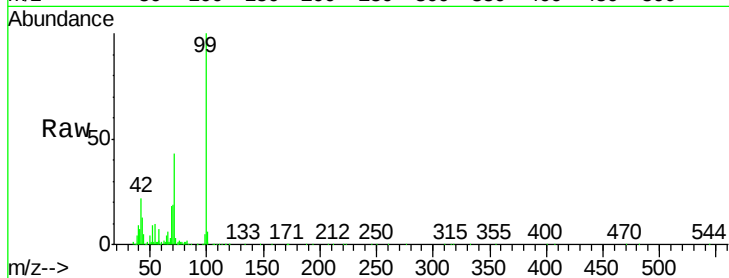
Tgt Ion: 99 Resp: 458169

Ion Ratio Lower Upper

99 100

42 22.3 20.5 30.7

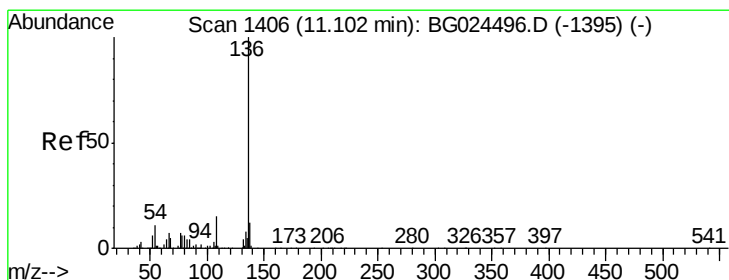
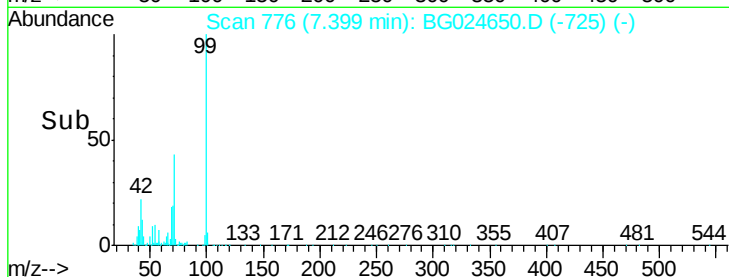
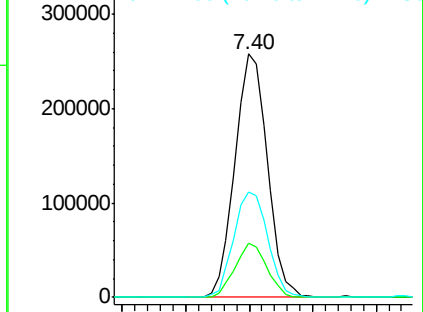
71 43.4 37.6 56.4



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: 11.10 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024650.D

Acq: 3 Nov 2016 13:12

Tgt Ion: 136 Resp: 491781

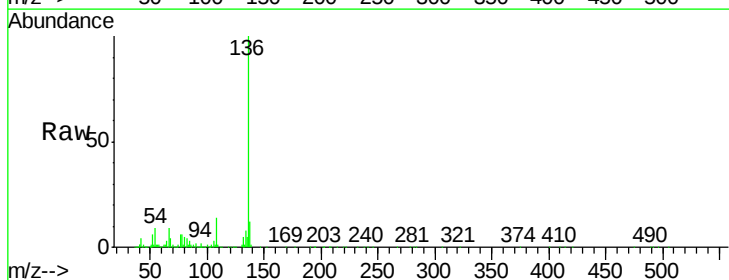
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 9.5 9.3 13.9

68 4.2 5.1 7.7#

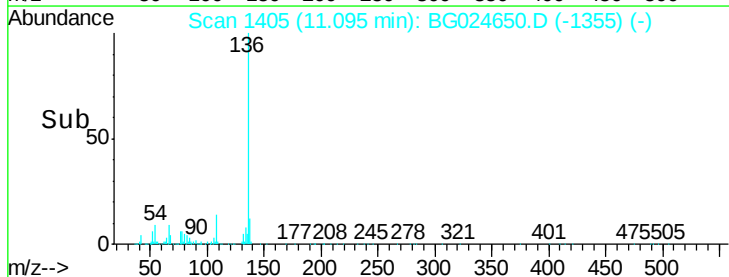
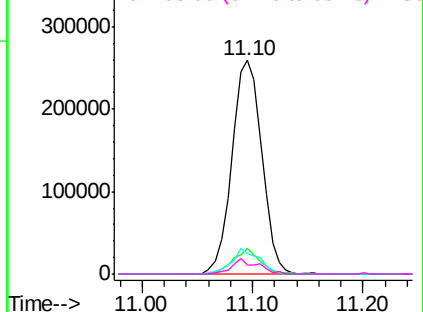


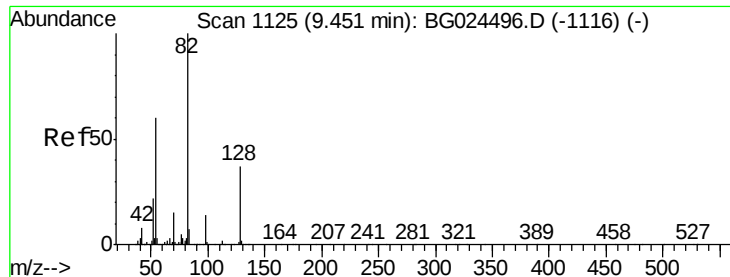
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

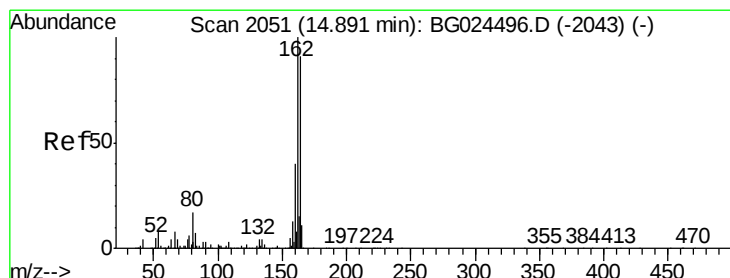
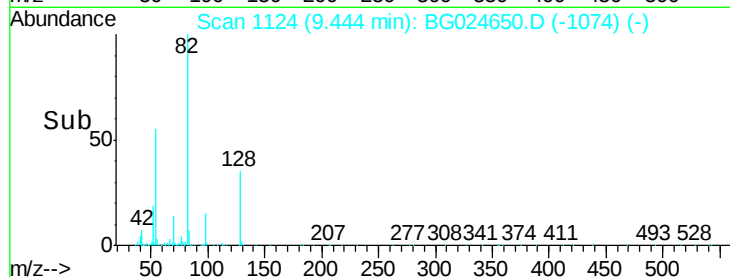
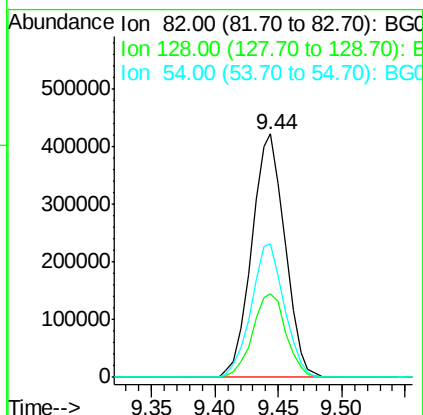
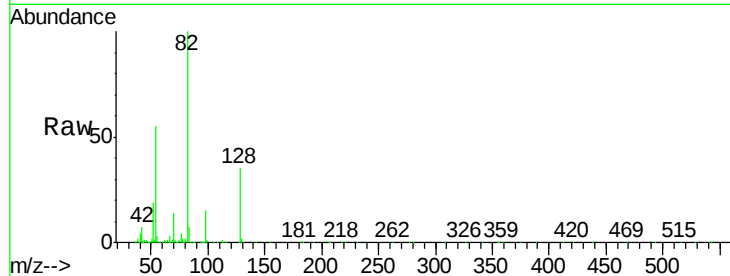




#23
 Nitrobenzene-d5
 Concen: 71.28 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024650.D
 Acq: 3 Nov 2016 13:12

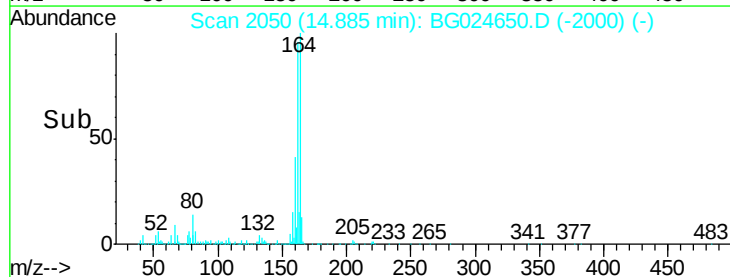
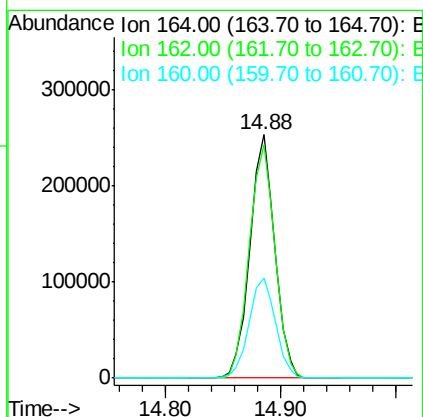
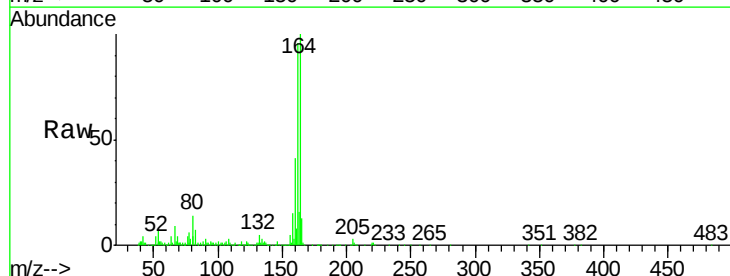
Instrument :
 BNA_G
 ClientSampleId :
 GW-83-7.6-16.4

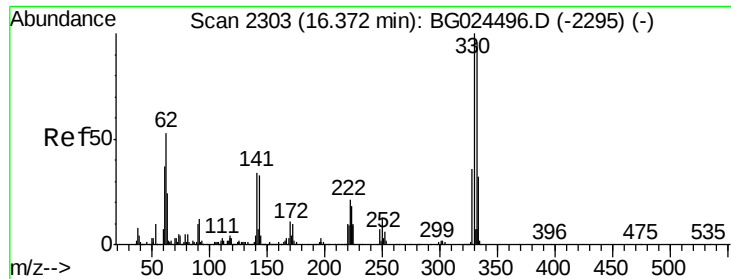
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.6	26.4	39.6
54	54.7	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024650.D
 Acq: 3 Nov 2016 13:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.6	85.1	127.7
160	41.3	34.7	52.1

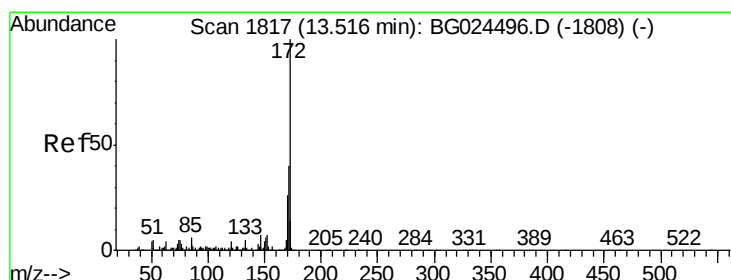
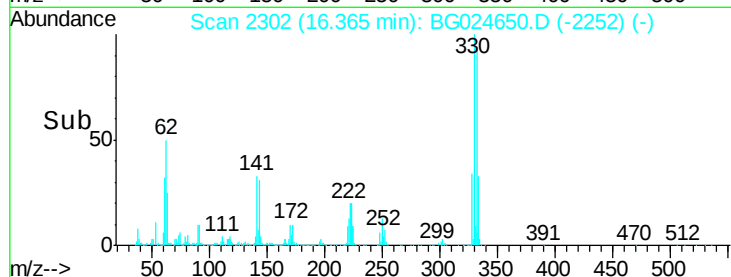
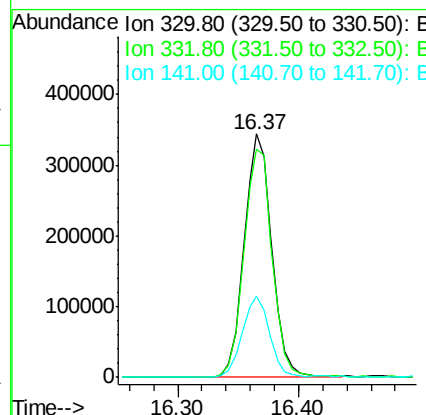
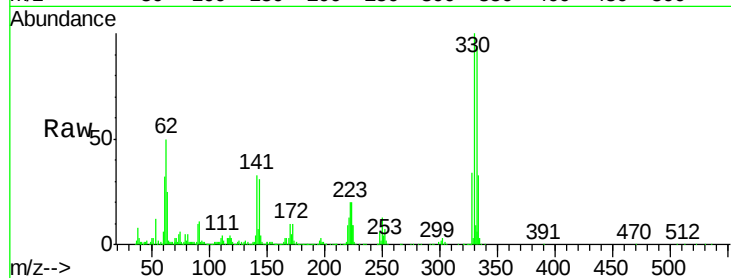




#41
 2,4,6-Tribromophenol
 Concen: 96.36 ng
 RT: 16.37 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024650.D
 Acq: 3 Nov 2016 13:12

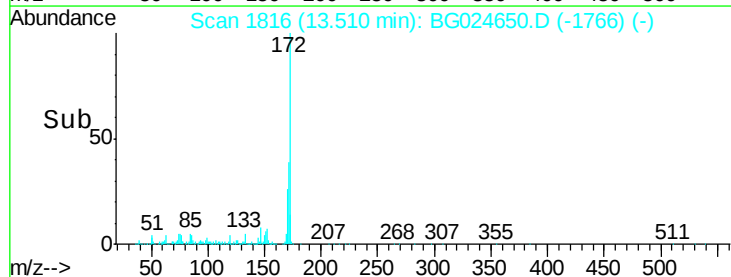
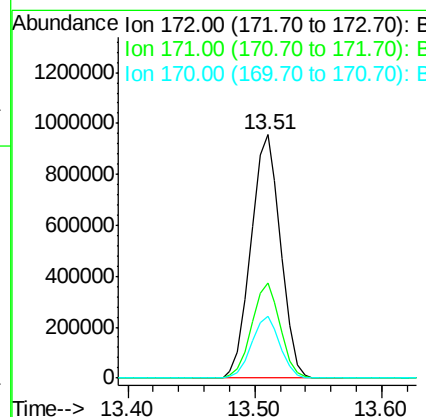
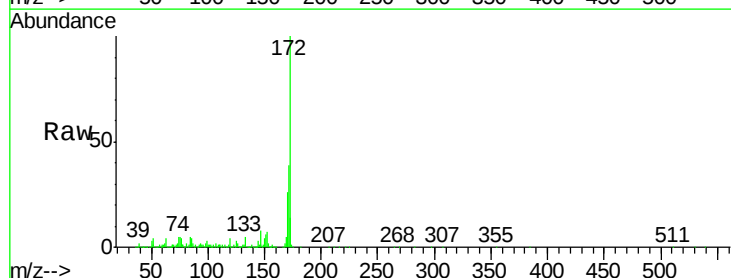
Instrument :
 BNA_G
 ClientSampleId :
 GW-83-7.6-16.4

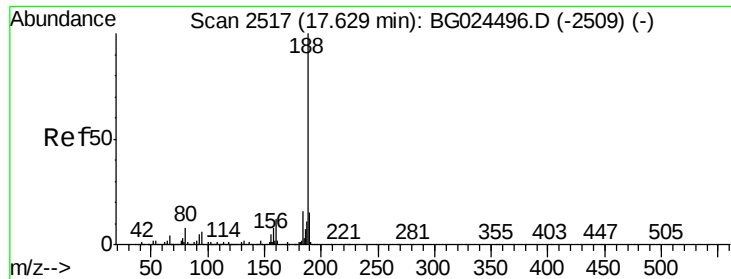
Tgt Ion:330 Resp: 547304
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 33.0 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 67.81 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024650.D
 Acq: 3 Nov 2016 13:12

Tgt Ion:172 Resp: 1551006
 Ion Ratio Lower Upper
 172 100
 171 39.0 32.2 48.2
 170 25.5 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024650.D

Acq: 3 Nov 2016 13:12

Instrument :

BNA_G

ClientSampleId :

GW-83-7.6-16.4

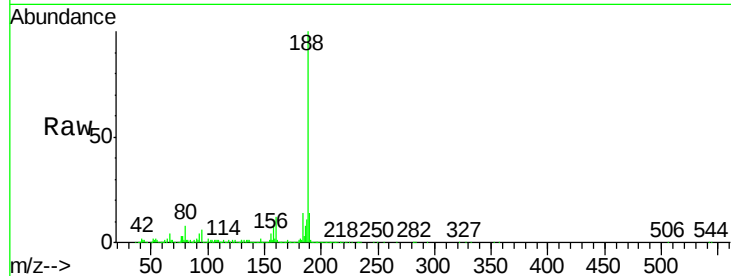
Tgt Ion:188 Resp: 865368

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

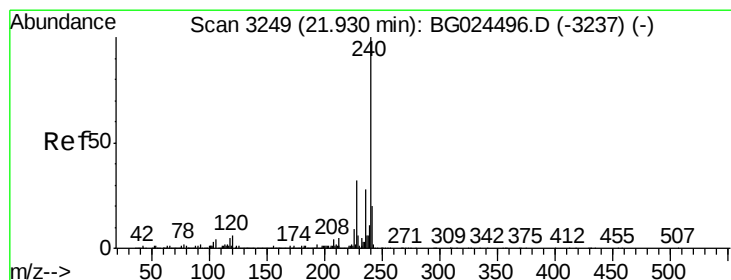
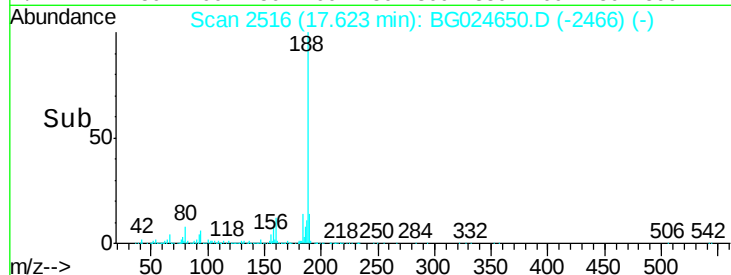
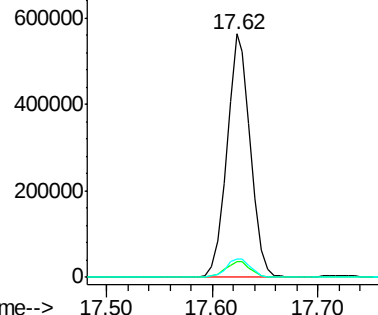
80 7.7 7.5 11.3



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: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024650.D

Acq: 3 Nov 2016 13:12

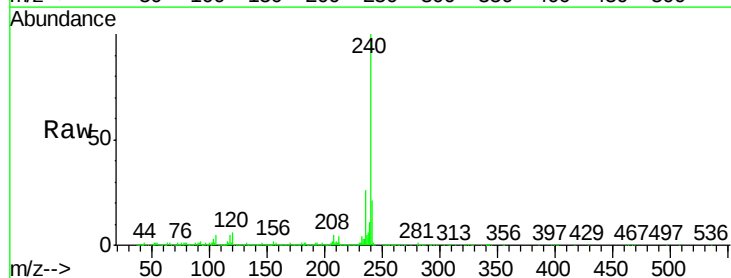
Tgt Ion:240 Resp: 1129496

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

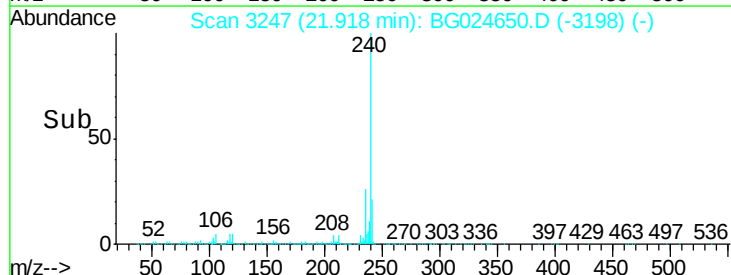
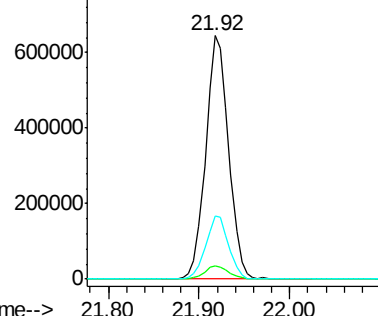
236 26.0 22.2 33.4

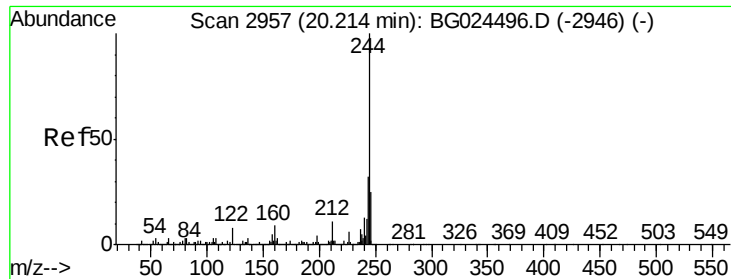


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.03 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024650.D

Acq: 3 Nov 2016 13:12

Instrument :

BNA_G

ClientSampleId :

GW-83-7.6-16.4

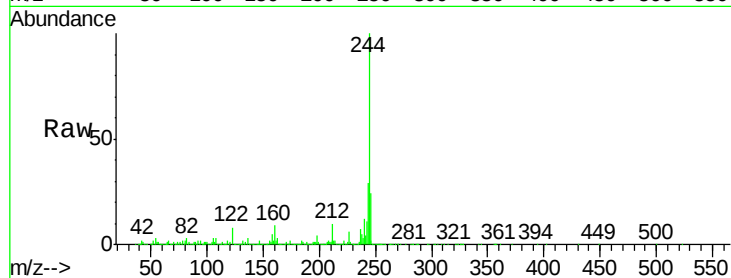
Tgt Ion:244 Resp: 2495917

Ion Ratio Lower Upper

244 100

212 10.0 10.0 15.0#

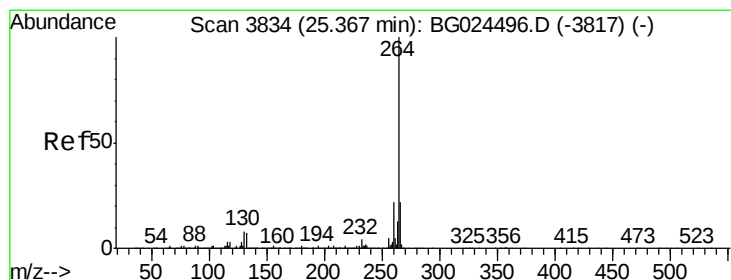
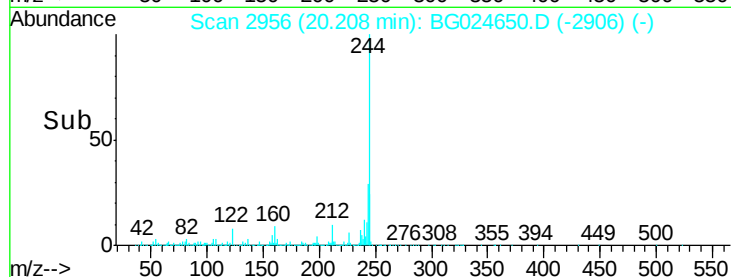
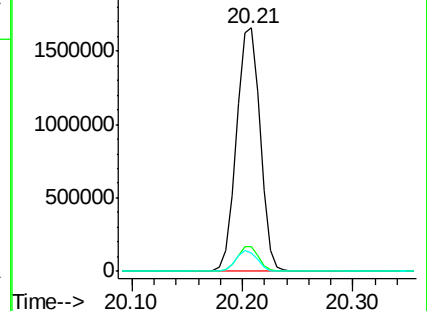
122 7.7 8.6 12.8#



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: 25.35 min Scan# 3831

Delta R.T. -0.02 min

Lab File: BG024650.D

Acq: 3 Nov 2016 13:12

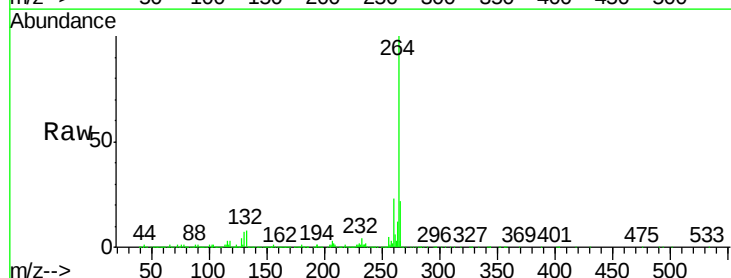
Tgt Ion:264 Resp: 1177564

Ion Ratio Lower Upper

264 100

260 22.7 21.8 32.8

265 21.8 18.2 27.4



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

