

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024736.D
 Acq On : 7 Nov 2016 19:45
 Operator : UM/SJ
 Sample : H5544-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-110-10.3-22.0

Quant Time: Nov 08 00:03:45 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

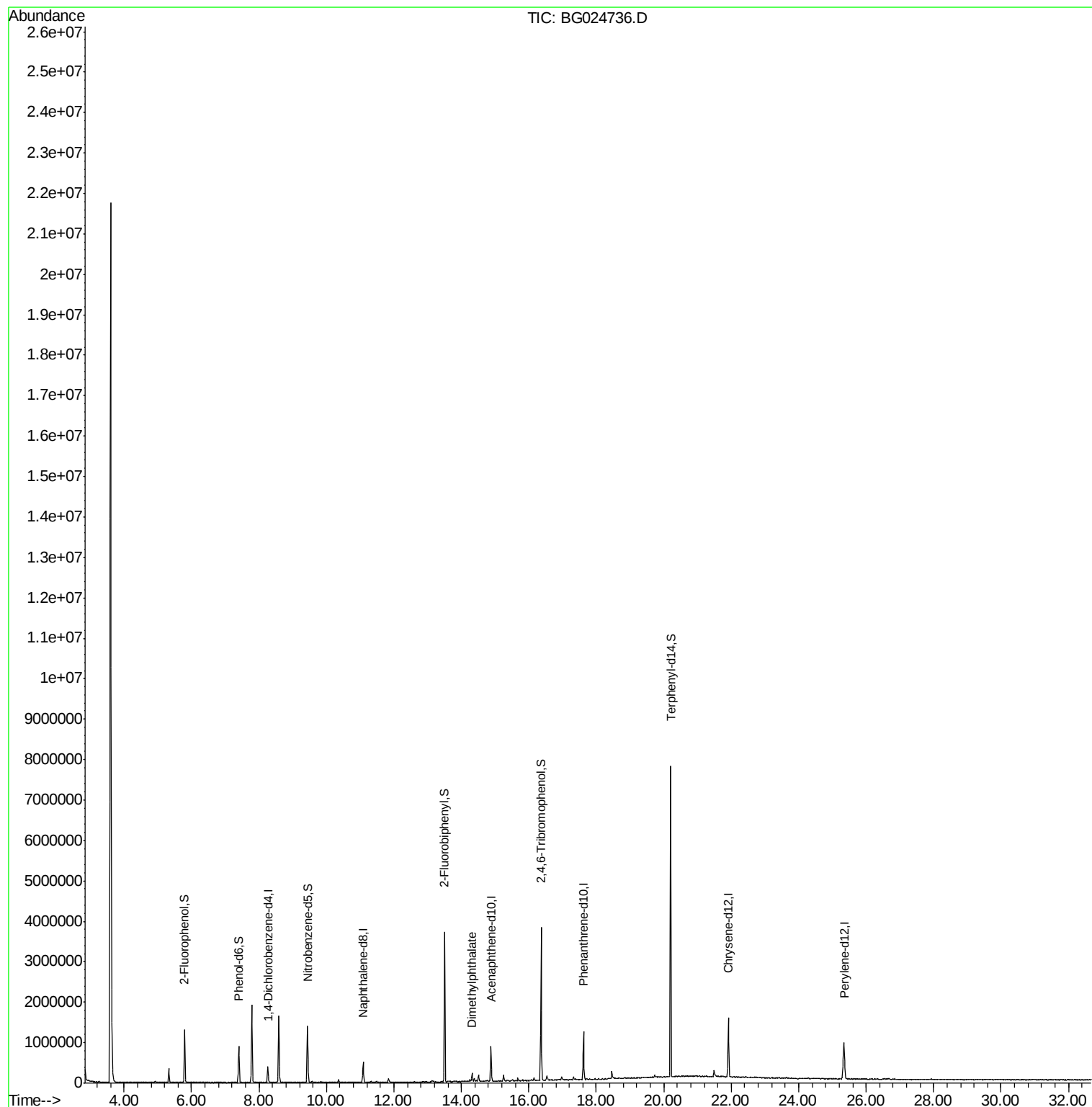
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	111973	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	407546	20.00	ng	-0.02
38) Acenaphthene-d10	14.88	164	329408	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	740364	20.00	ng	0.00
75) Chrysene-d12	21.91	240	1044277	20.00	ng	-0.02
86) Perylene-d12	25.34	264	1097760	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	522683	76.51	ng	0.00
7) Phenol-d6	7.40	99	498595	53.20	ng	0.00
23) Nitrobenzene-d5	9.43	82	888728	99.29	ng	-0.02
41) 2,4,6-Tribromophenol	16.36	330	772107	156.89	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	1906945	96.22	ng	-0.02
78) Terphenyl-d14	20.20	244	3114052	89.11	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	140859	6.02	ng	Qvalue # 93

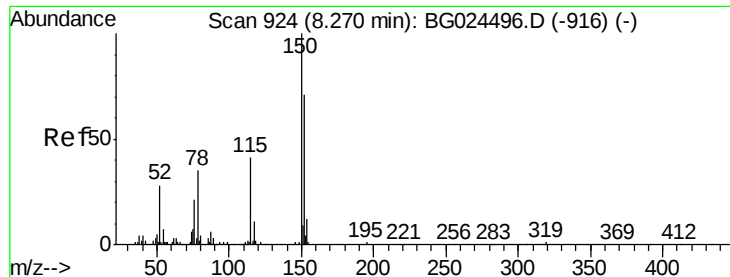
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG024736.D

Acq: 7 Nov 2016 19:45

Instrument :

BNA_G

ClientSampleId :

GW-110-10.3-22.0

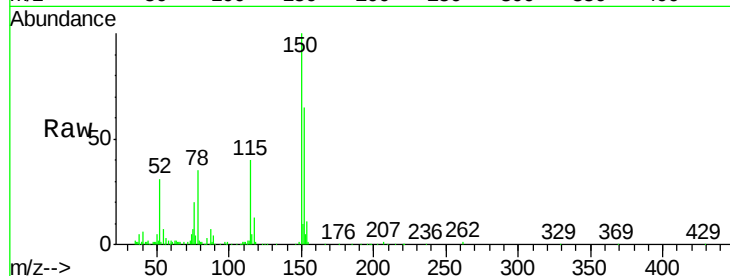
Tot Ion:152 Resp: 111973

Ion Ratio Lower Upper

152 100

150 154.2 114.0 171.0

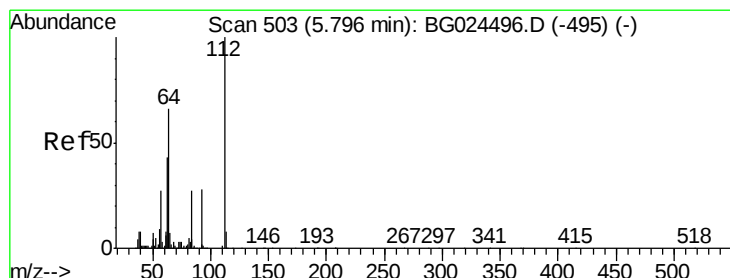
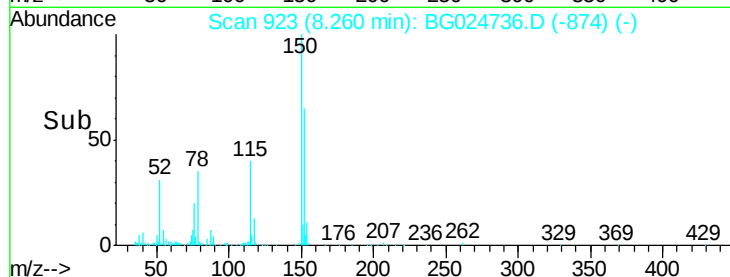
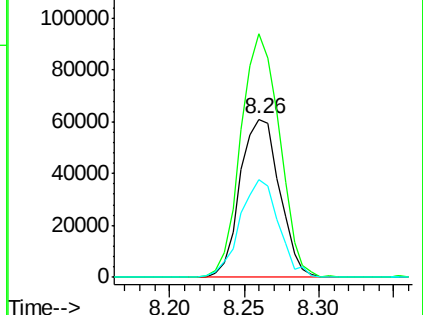
115 62.1 48.1 72.1



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: 76.51 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024736.D

Acq: 7 Nov 2016 19:45

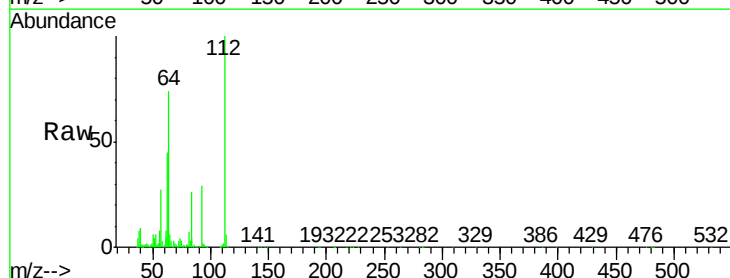
Tgt Ion:112 Resp: 522683

Ion Ratio Lower Upper

112 100

64 74.3 61.8 92.6

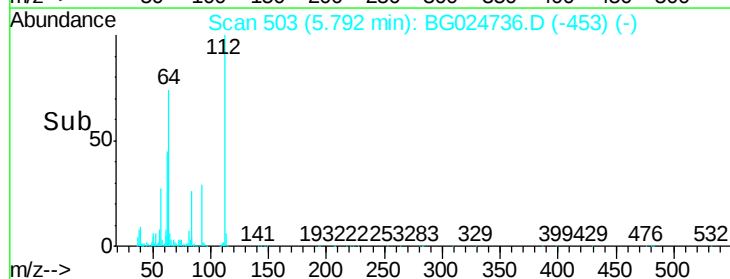
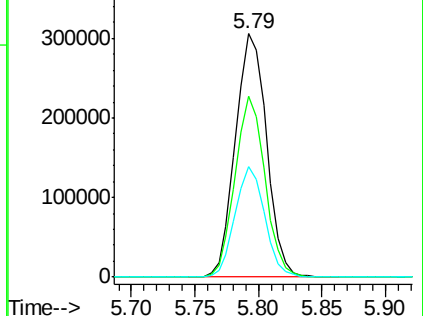
63 45.2 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 53.20 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024736.D

Acq: 7 Nov 2016 19:45

Instrument :

BNA_G

ClientSampleId :

GW-110-10.3-22.0

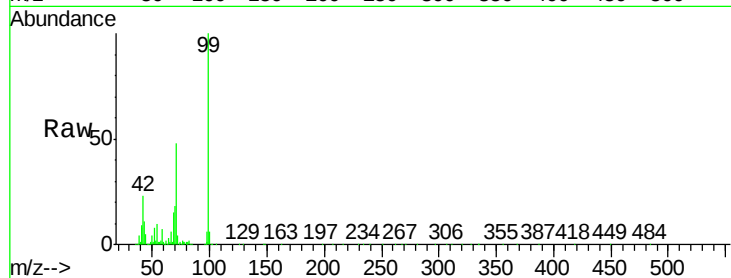
Tot Ion: 99 Resp: 498595

Ion Ratio Lower Upper

99 100

42 22.6 20.5 30.7

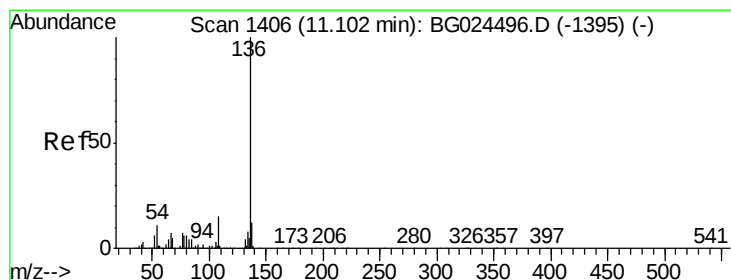
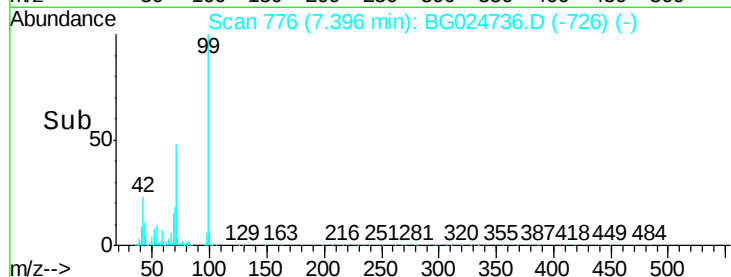
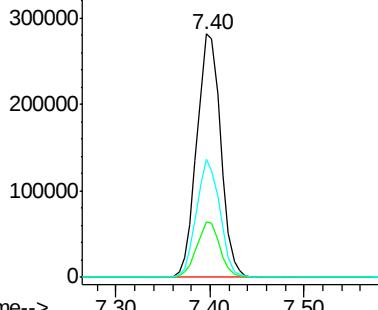
71 48.5 37.6 56.4



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: 11.09 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BG024736.D

Acq: 7 Nov 2016 19:45

Tgt Ion: 136 Resp: 407546

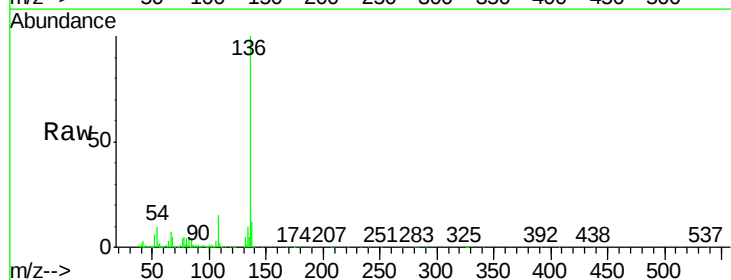
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 10.0 9.3 13.9

68 4.9 5.1 7.7#

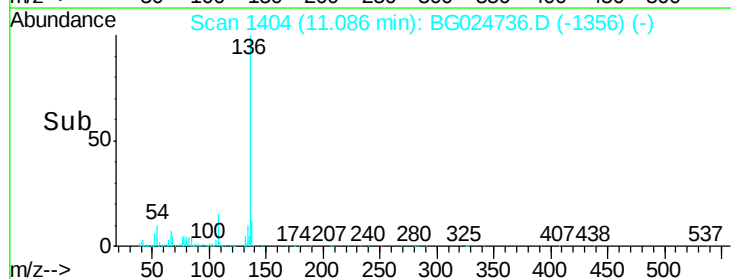
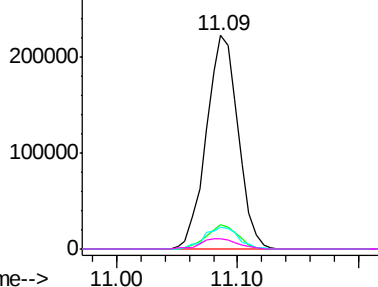


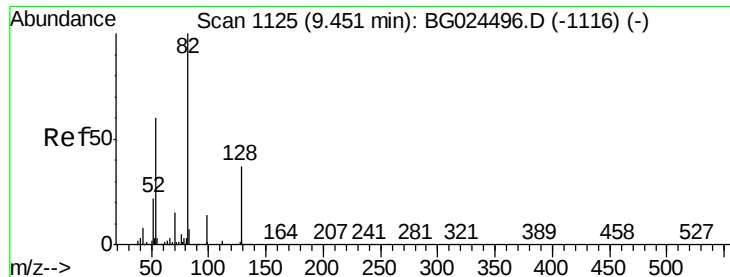
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

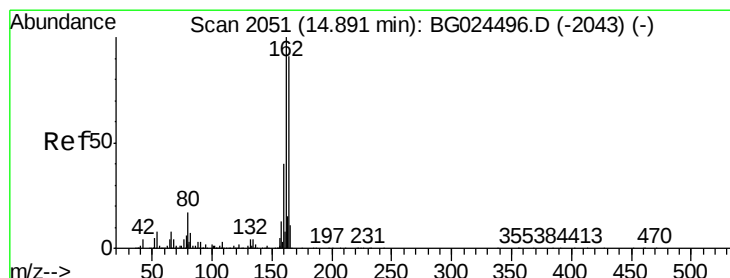
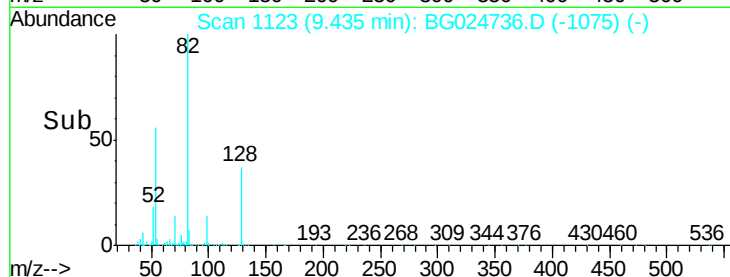
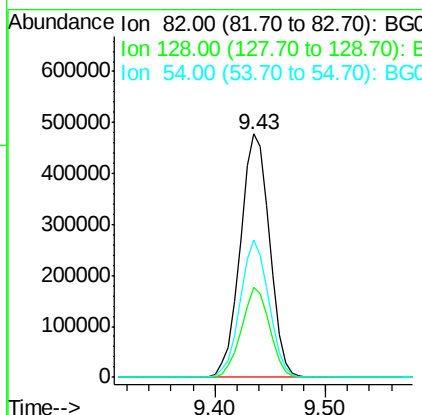
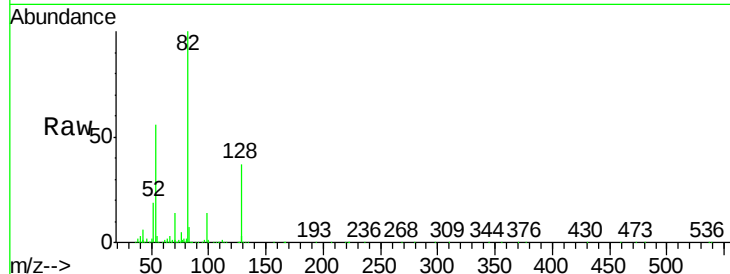




#23
 Nitrobenzene-d5
 Concen: 99.29 ng
 RT: 9.43 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BG024736.D
 Acq: 7 Nov 2016 19:45

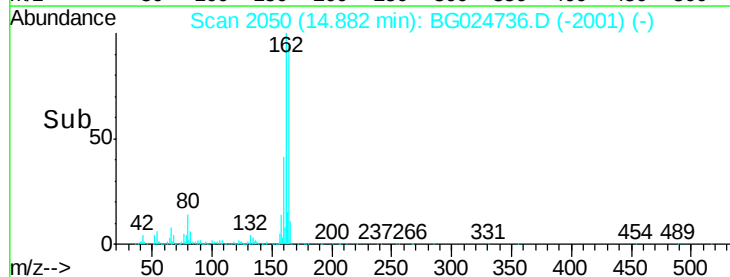
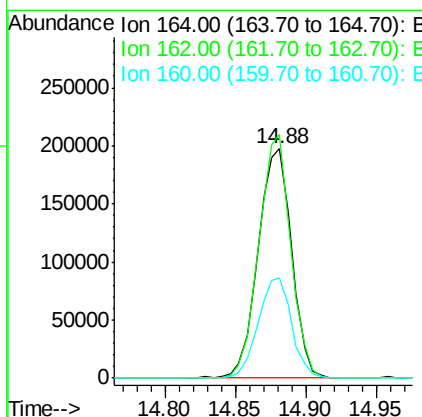
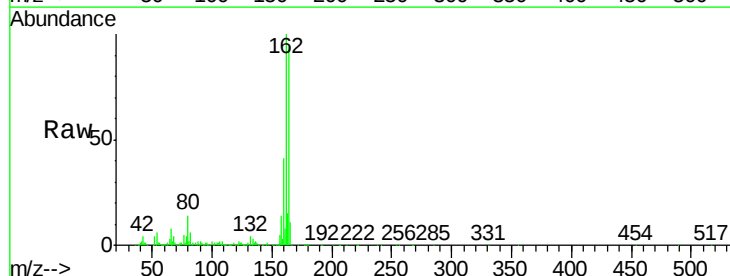
Instrument :
 BNA_G
 ClientSampleId :
 GW-110-10.3-22.0

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.9	26.4	39.6
54	56.2	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: BG024736.D
 Acq: 7 Nov 2016 19:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	85.1	127.7
160	43.6	34.7	52.1

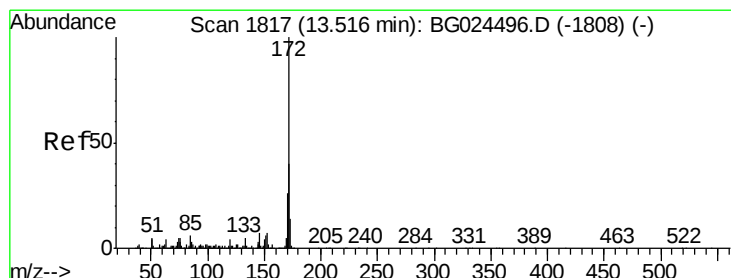
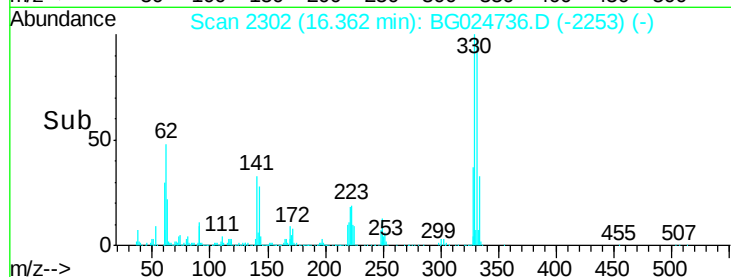
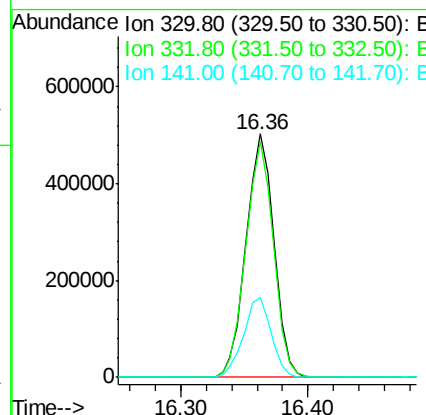
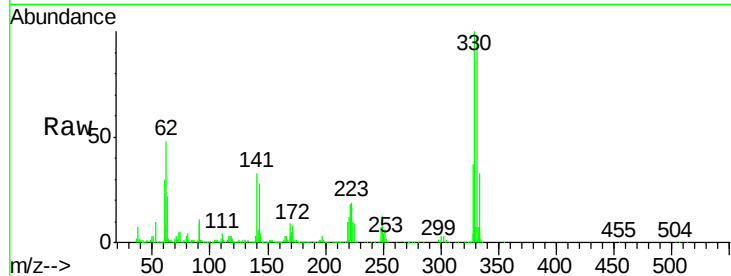




#41
2,4,6-Tribromophenol
Concen: 156.89 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024736.D
Acq: 7 Nov 2016 19:45

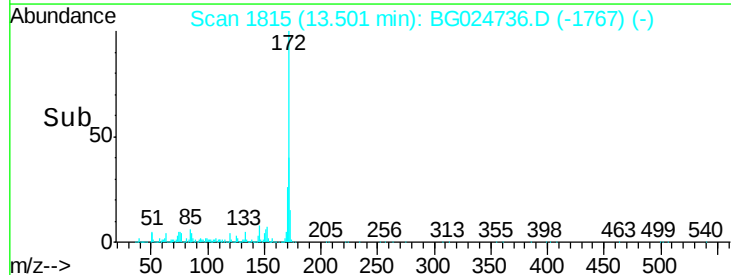
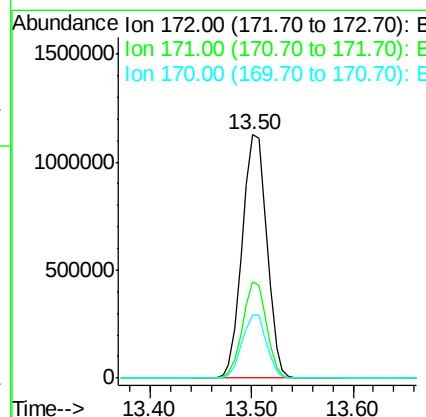
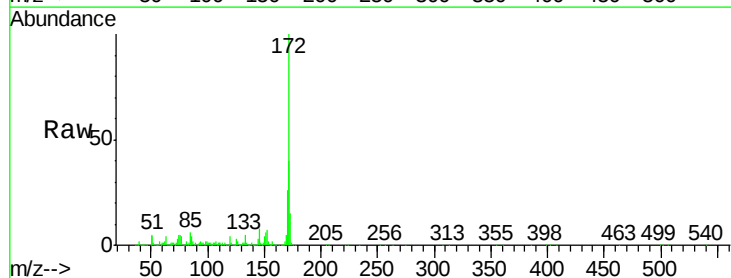
Instrument :
BNA_G
ClientSampleId :
GW-110-10.3-22.0

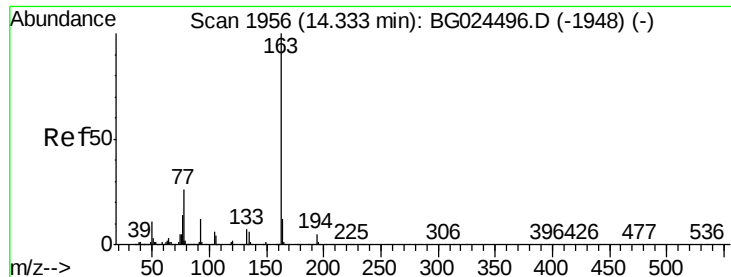
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	32.4	32.1	48.1



#44
2-Fluorobiphenyl
Concen: 96.22 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BG024736.D
Acq: 7 Nov 2016 19:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	32.2	48.2
170	26.1	21.8	32.6





#49

Dimethylphthalate

Concen: 6.02 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG024736.D

Acq: 7 Nov 2016 19:45

Instrument :

BNA_G

ClientSampleId :

GW-110-10.3-22.0

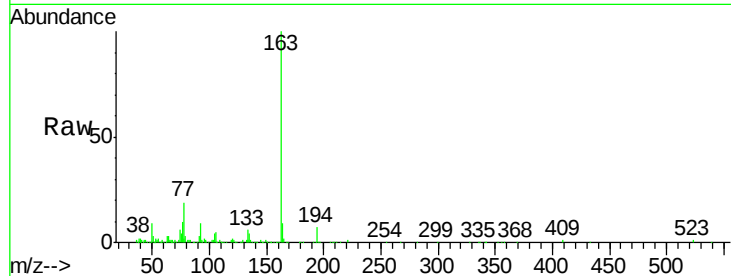
Tot Ion:163 Resp: 140859

Ion Ratio Lower Upper

163 100

194 6.5 3.8 5.6#

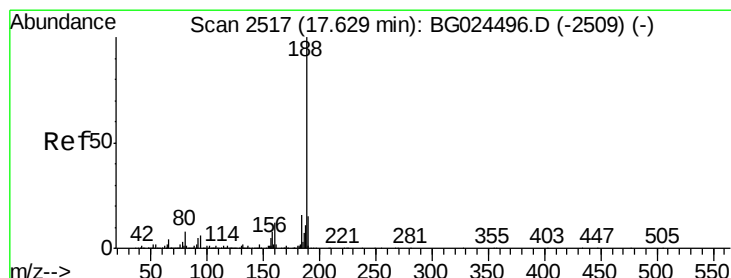
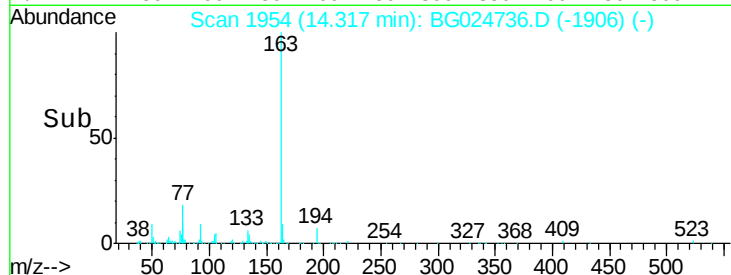
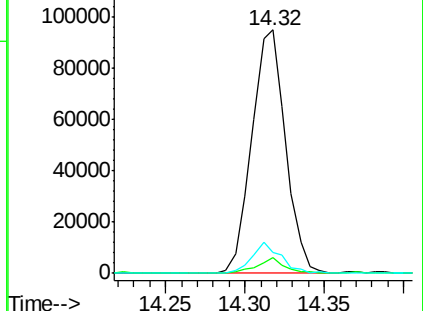
164 8.8 9.3 13.9#



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: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024736.D

Acq: 7 Nov 2016 19:45

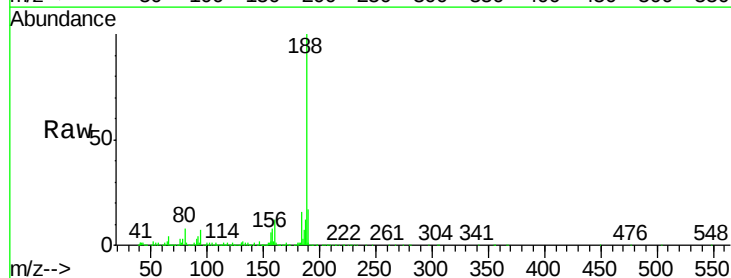
Tgt Ion:188 Resp: 740364

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

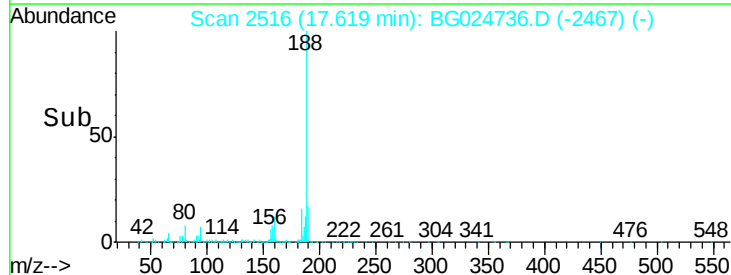
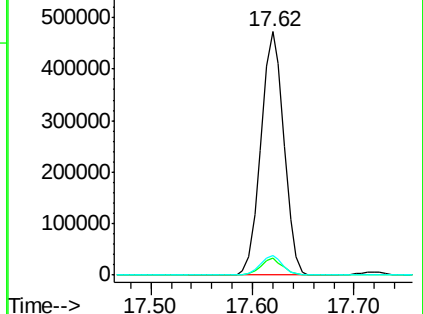
80 8.3 7.5 11.3

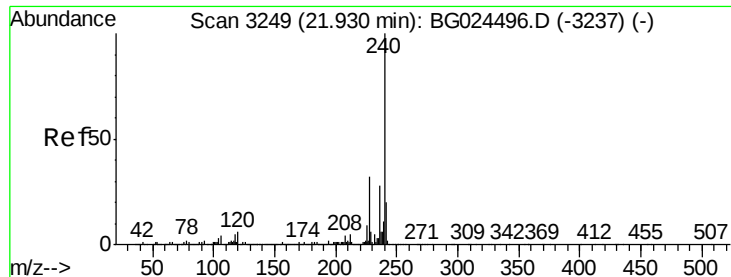


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.91 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BG024736.D

Acq: 7 Nov 2016 19:45

Instrument :

BNA_G

ClientSampleId :

GW-110-10.3-22.0

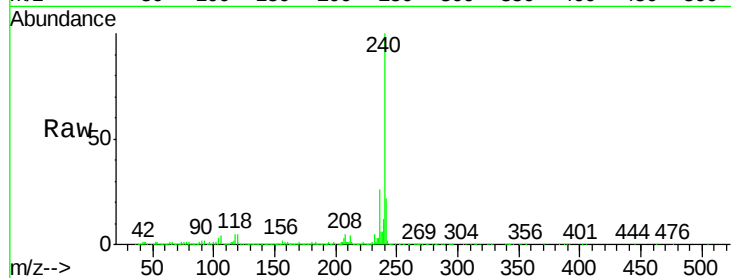
Tot Ion:240 Resp: 1044277

Ion Ratio Lower Upper

240 100

120 5.0 5.7 8.5#

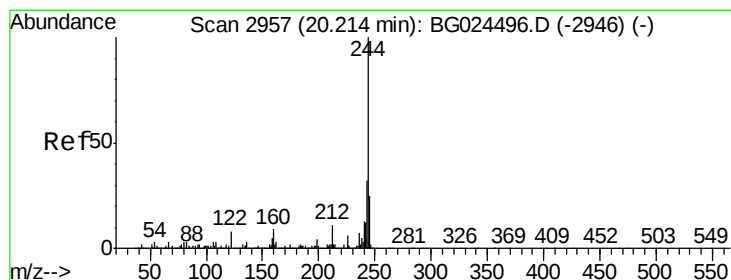
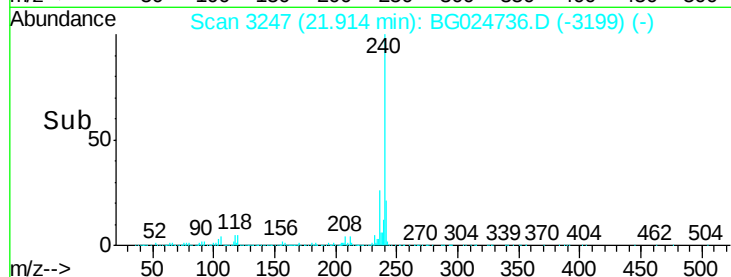
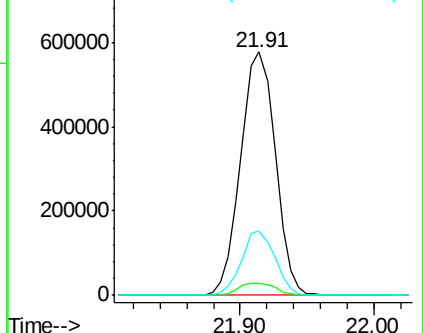
236 26.5 22.2 33.4



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: 89.11 ng

RT: 20.20 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024736.D

Acq: 7 Nov 2016 19:45

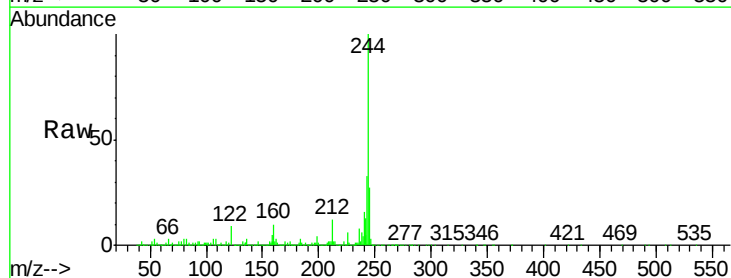
Tgt Ion:244 Resp: 3114052

Ion Ratio Lower Upper

244 100

212 11.8 10.0 15.0

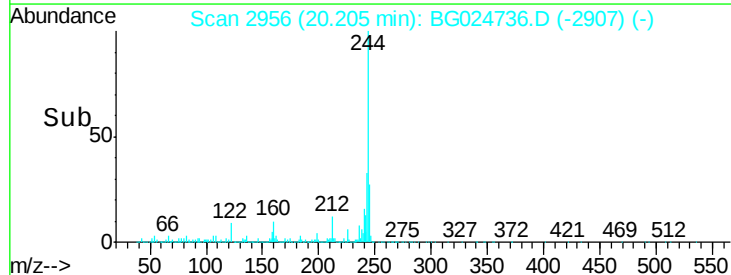
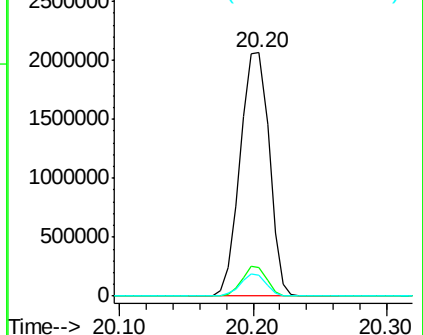
122 8.8 8.6 12.8

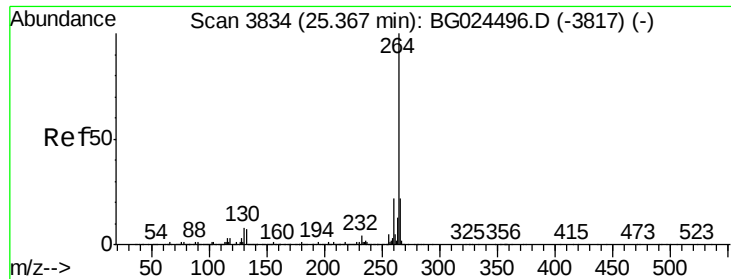


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.34 min Scan# 3830
Delta R.T. -0.03 min
Lab File: BG024736.D
Acq: 7 Nov 2016 19:45

Instrument :
BNA_G
ClientSampleId :
GW-110-10.3-22.0

Tot Ion:264 Resp: 1097760

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	23.5	18.2	27.4

