

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024716.D
 Acq On : 5 Nov 2016 17:12
 Operator : UM/SJ
 Sample : H5527-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-104-11.6-25.0

Quant Time: Nov 06 23:49:41 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

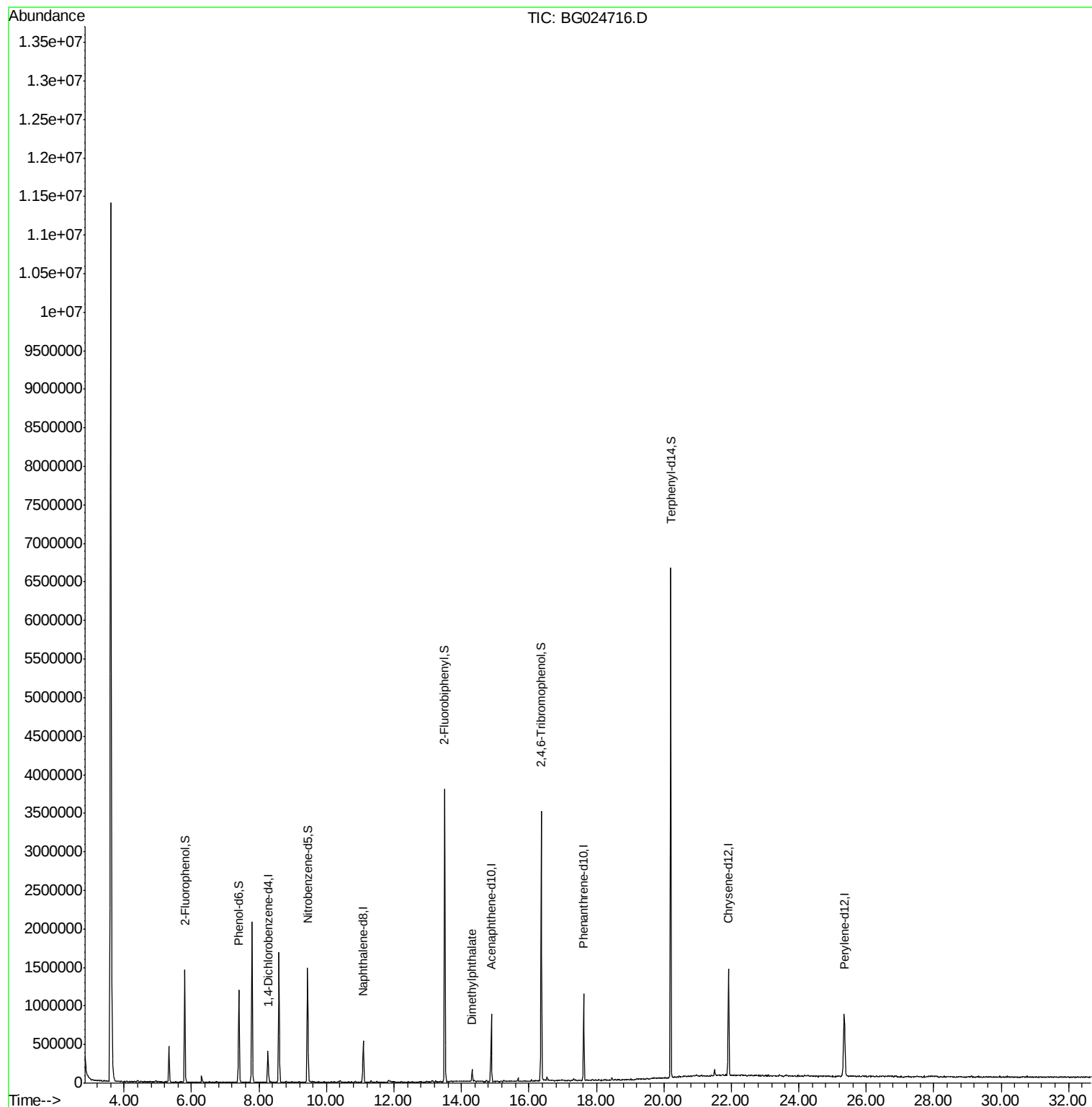
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	109832	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	427907	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	324466	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	704247	20.00	ng	0.00
75) Chrysene-d12	21.92	240	937726	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1003050	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	587241	87.63	ng	0.00
7) Phenol-d6	7.40	99	636319	69.22	ng	0.00
23) Nitrobenzene-d5	9.44	82	940280	100.05	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	696598	143.71	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1920279	98.37	ng	0.00
78) Terphenyl-d14	20.20	244	2811678	89.60	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.32	163	100896	4.38	ng	# 94

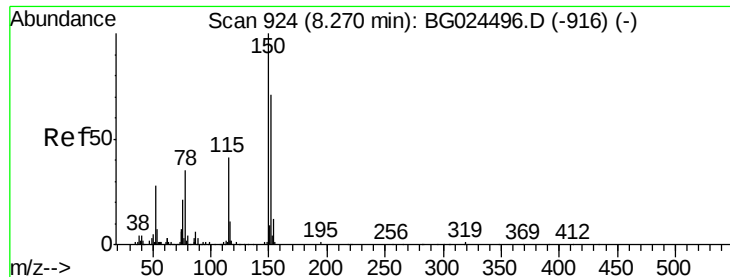
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024716.D

Acq: 5 Nov 2016 17:12

Instrument :

BNA_G

ClientSampleId :

GW-104-11.6-25.0

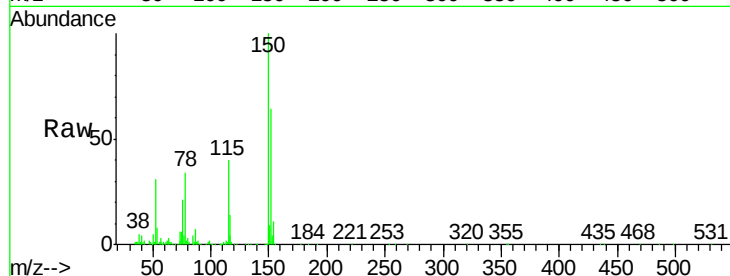
Tot Ion:152 Resp: 109832

Ion Ratio Lower Upper

152 100

150 155.2 114.0 171.0

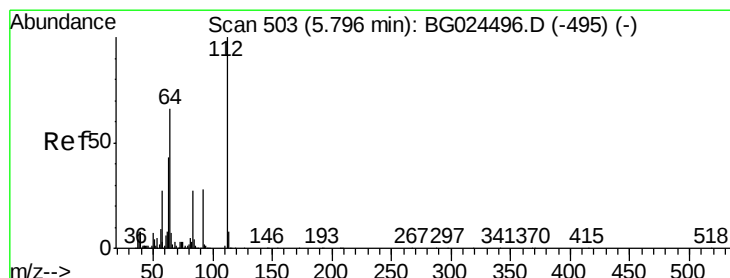
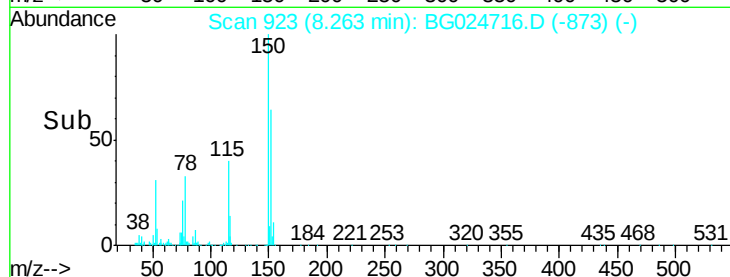
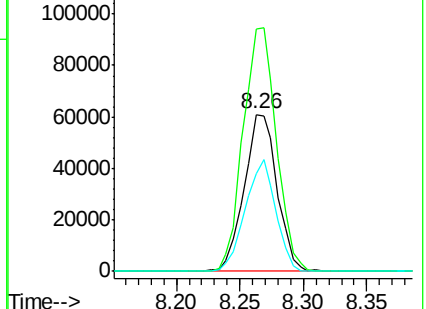
115 62.0 48.1 72.1



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: 87.63 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024716.D

Acq: 5 Nov 2016 17:12

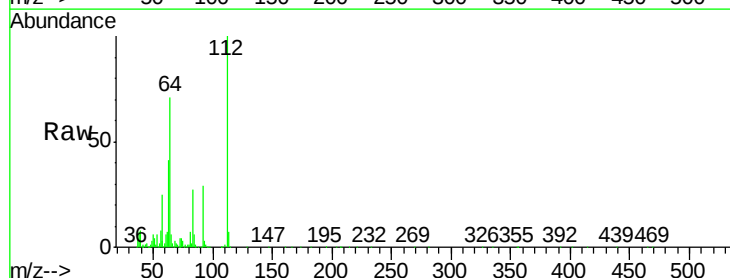
Tgt Ion:112 Resp: 587241

Ion Ratio Lower Upper

112 100

64 70.7 61.8 92.6

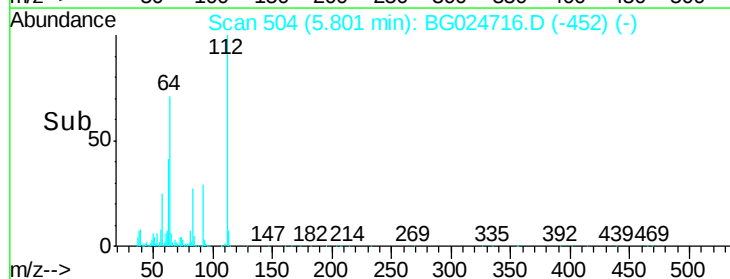
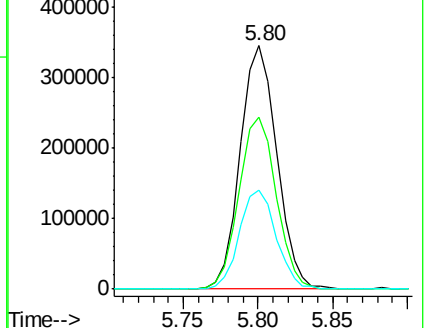
63 40.5 37.2 55.8



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: 69.22 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024716.D

Acq: 5 Nov 2016 17:12

Instrument :

BNA_G

ClientSampleId :

GW-104-11.6-25.0

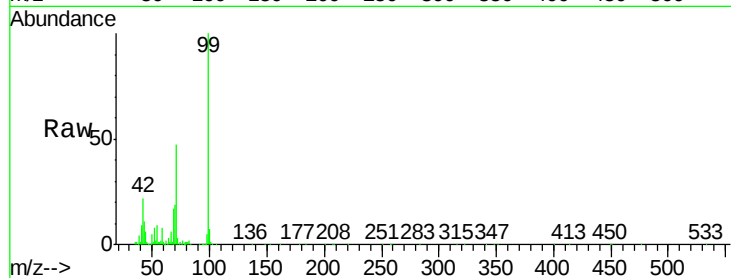
Tot Ion: 99 Resp: 636319

Ion Ratio Lower Upper

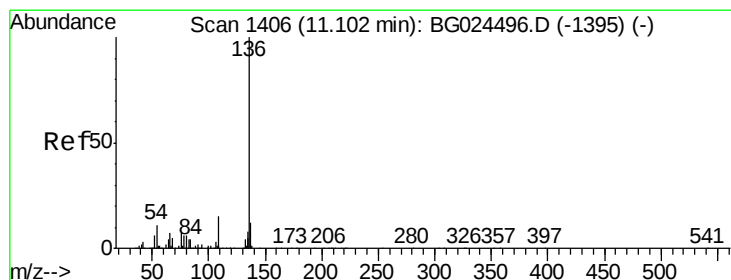
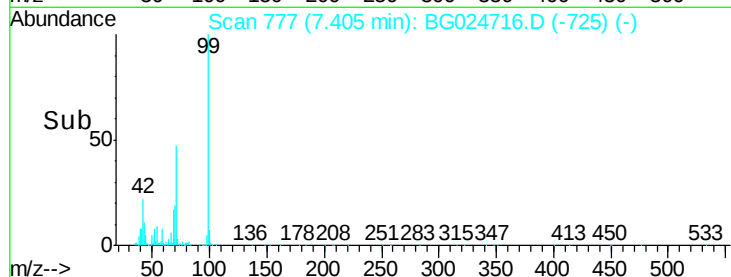
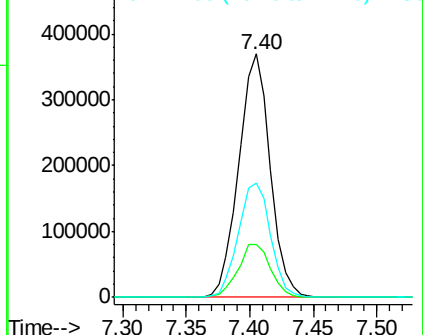
99 100

42 21.8 20.5 30.7

71 47.1 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. -0.01 min

Lab File: BG024716.D

Acq: 5 Nov 2016 17:12

Tgt Ion: 136 Resp: 427907

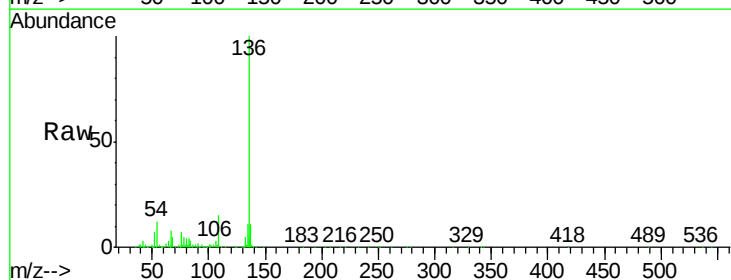
Ion Ratio Lower Upper

136 100

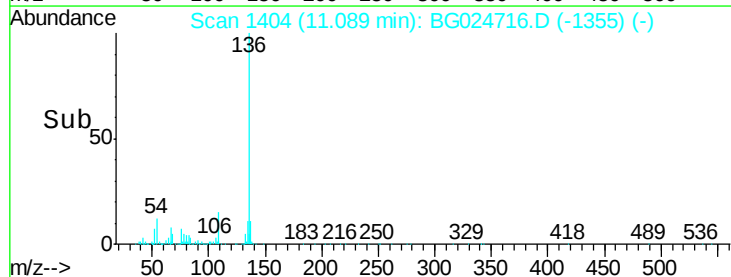
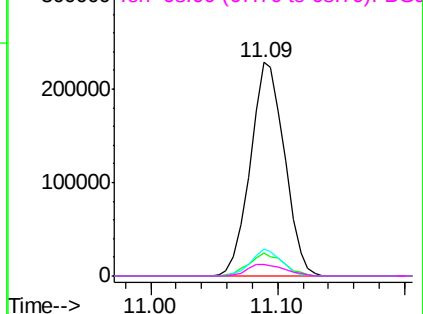
137 10.9 8.9 13.3

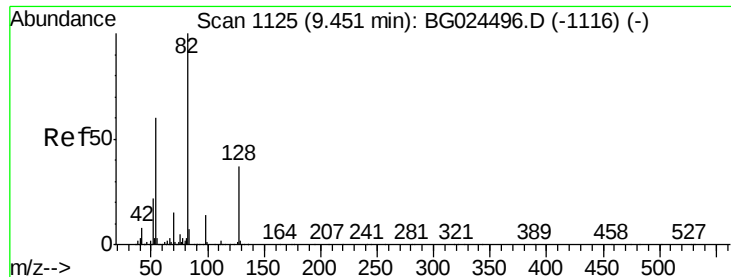
54 12.4 9.3 13.9

68 5.5 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

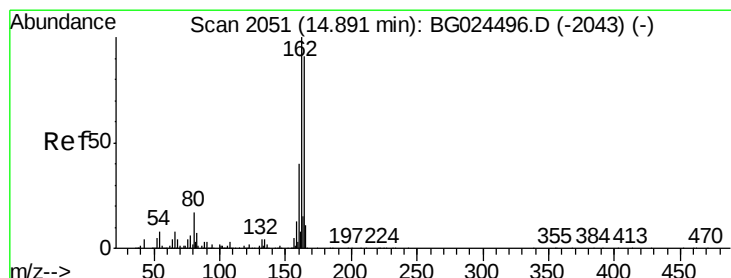
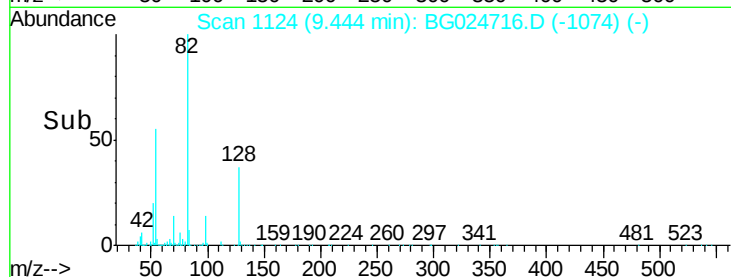
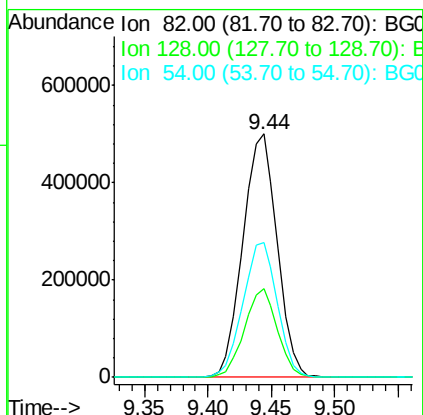
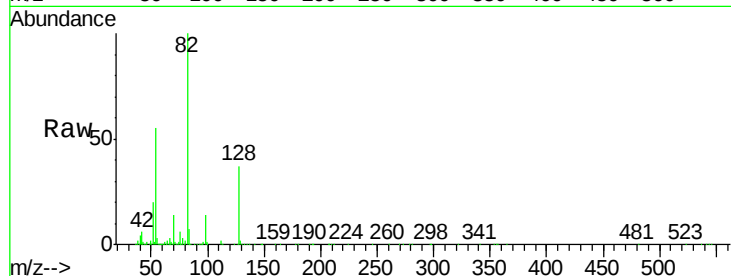




#23
 Nitrobenzene-d5
 Concen: 100.05 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024716.D
 Acq: 5 Nov 2016 17:12

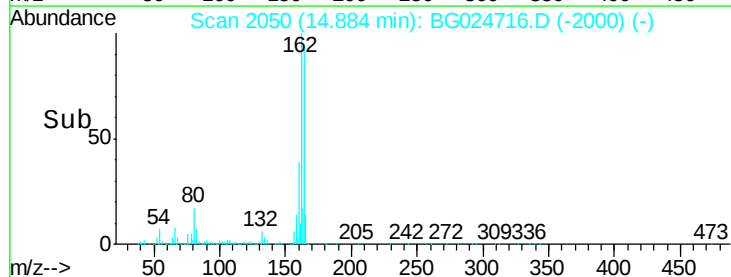
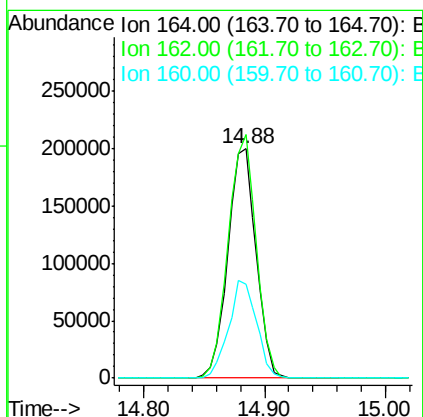
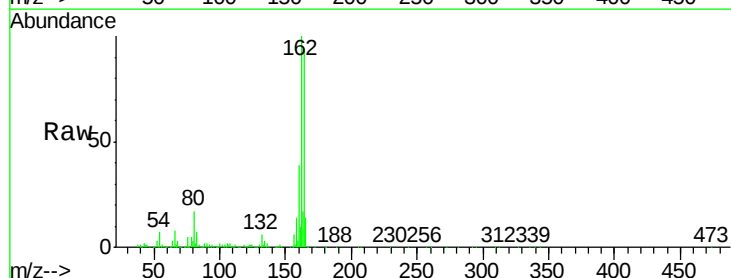
Instrument :
 BNA_G
 ClientSampleId :
 GW-104-11.6-25.0

Tot Ion	82	Resp	940280
Ion Ratio	Lower	Upper	
82	100		
128	36.7	26.4	39.6
54	55.4	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: BG024716.D
 Acq: 5 Nov 2016 17:12

Tgt Ion	164	Resp	324466
Ion Ratio	Lower	Upper	
164	100		
162	106.3	85.1	127.7
160	41.0	34.7	52.1

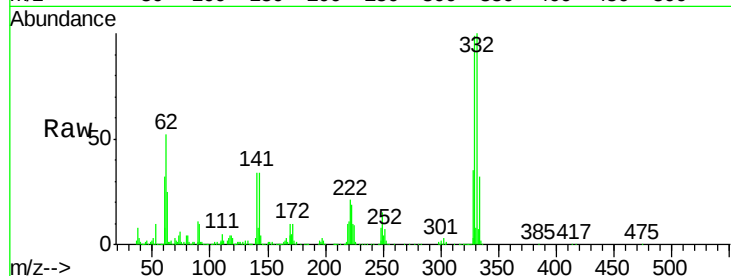




#41
2,4,6-Tribromophenol
Concen: 143.71 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024716.D
Acq: 5 Nov 2016 17:12

Instrument :
BNA_G
ClientSampleId :
GW-104-11.6-25.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	33.4	32.1	48.1

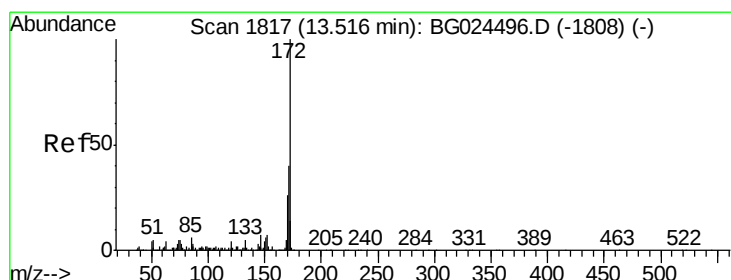
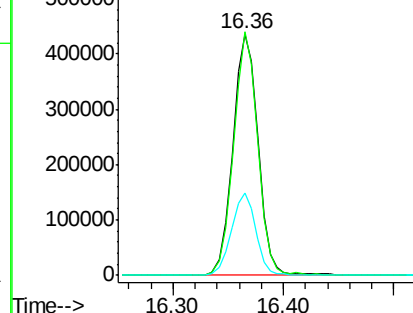
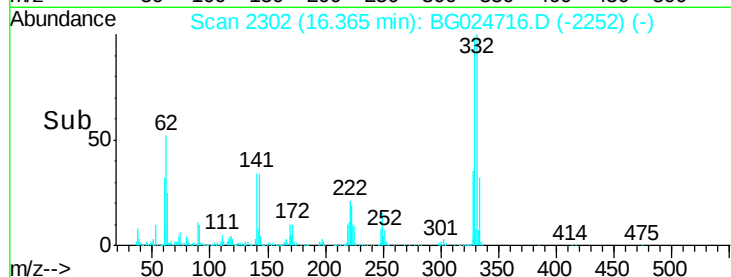


Abundance

Ion 329.80 (329.50 to 330.50): E

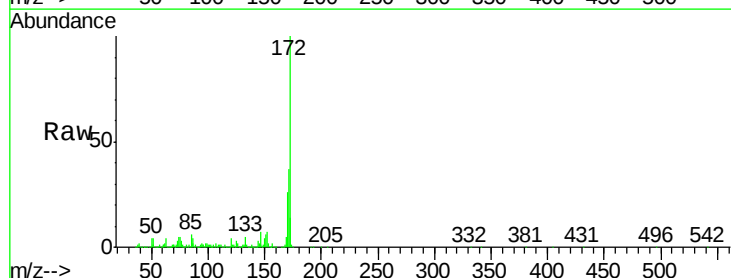
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 98.37 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024716.D
Acq: 5 Nov 2016 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	25.8	21.8	32.6

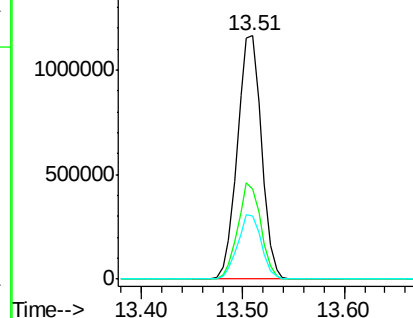
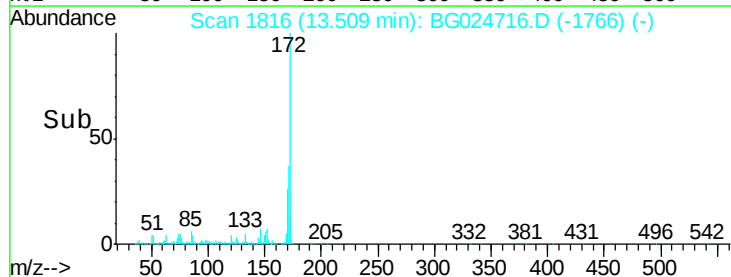


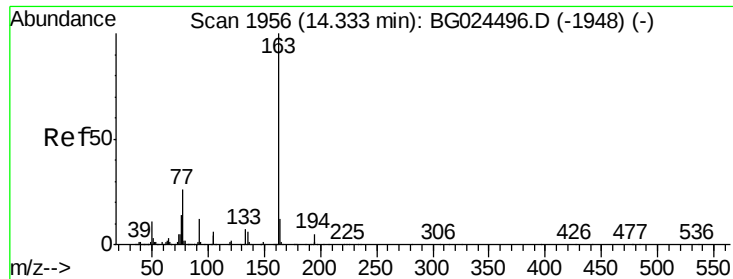
Abundance

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: 4.38 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024716.D

Acq: 5 Nov 2016 17:12

Instrument :

BNA_G

ClientSampleId :

GW-104-11.6-25.0

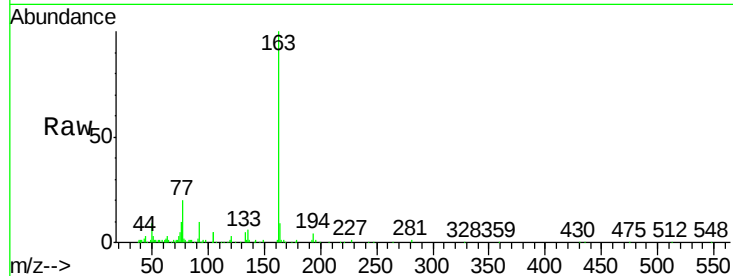
Tot Ion:163 Resp: 100896

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

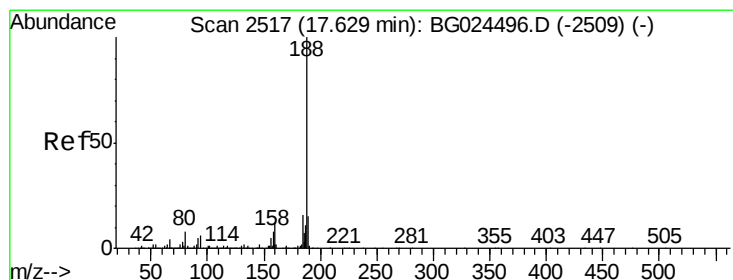
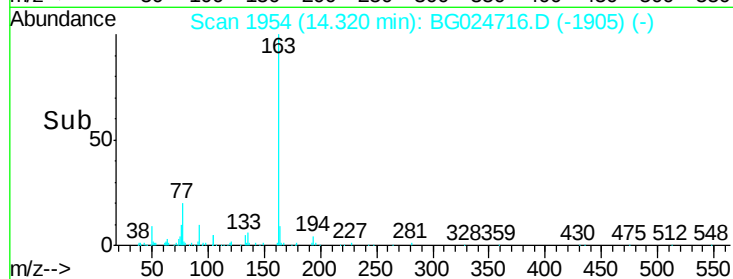
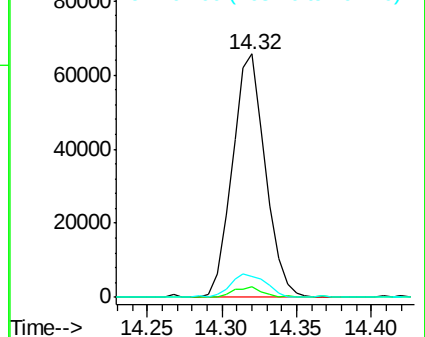
164 8.6 9.3 13.9#



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: BG024716.D

Acq: 5 Nov 2016 17:12

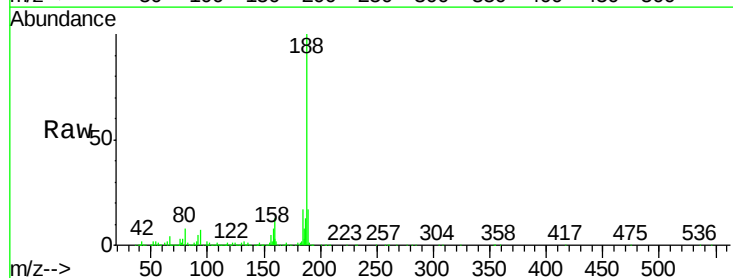
Tgt Ion:188 Resp: 704247

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

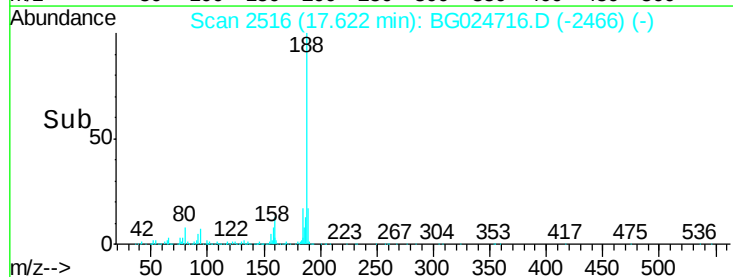
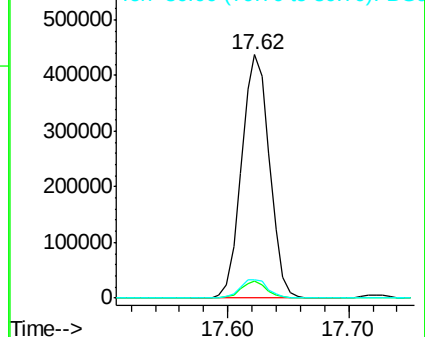
80 7.7 7.5 11.3

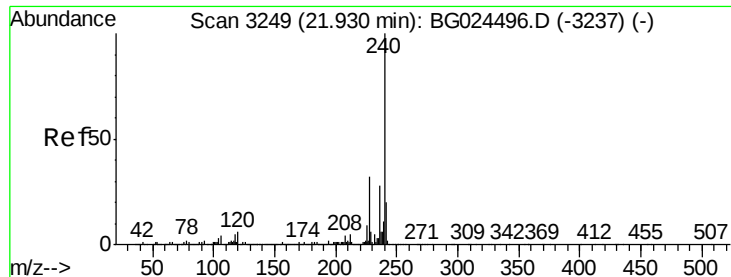


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG024716.D

Acq: 5 Nov 2016 17:12

Instrument :

BNA_G

ClientSampleId :

GW-104-11.6-25.0

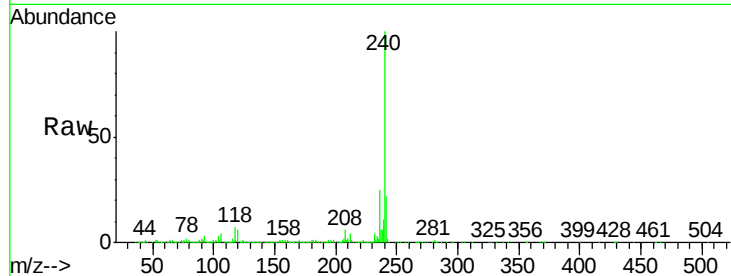
Tot Ion:240 Resp: 937726

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

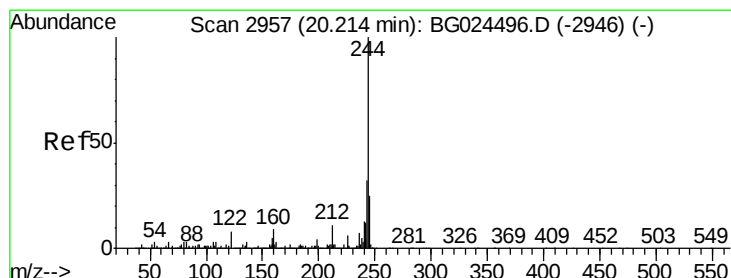
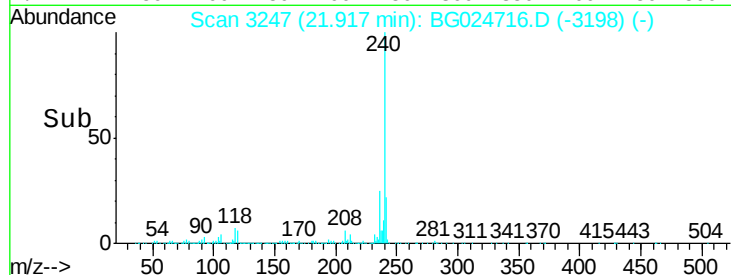
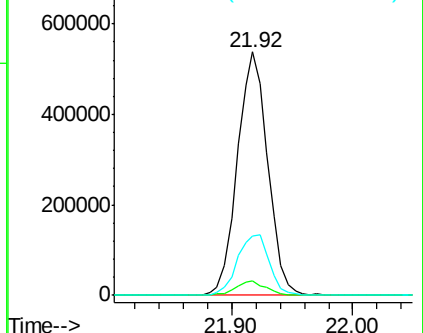
236 24.5 22.2 33.4



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: 89.60 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024716.D

Acq: 5 Nov 2016 17:12

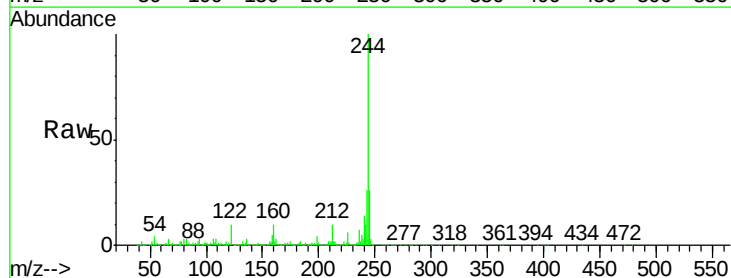
Tgt Ion:244 Resp: 2811678

Ion Ratio Lower Upper

244 100

212 10.3 10.0 15.0

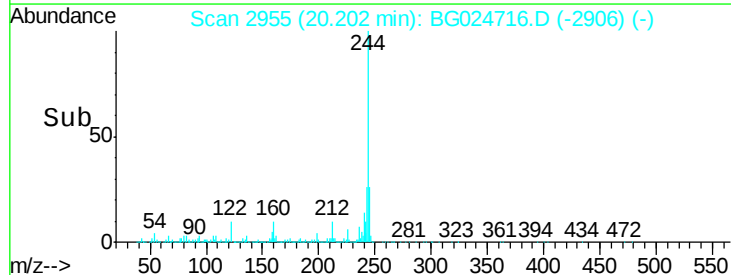
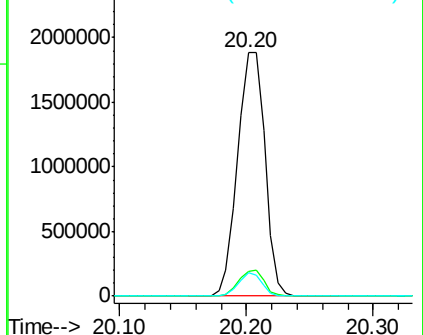
122 9.6 8.6 12.8

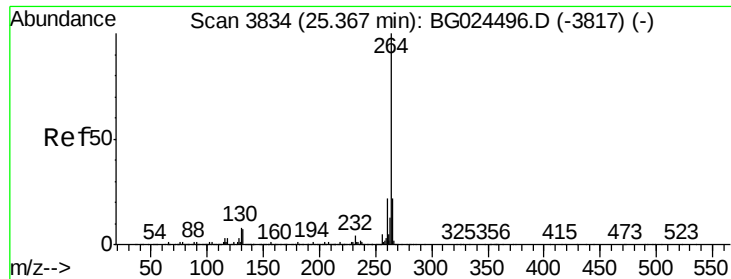


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.35 min Scan# 3831
 Delta R.T. -0.02 min
 Lab File: BG024716.D
 Acq: 5 Nov 2016 17:12

Instrument :
 BNA_G
 ClientSampleId :
 GW-104-11.6-25.0

Tot Ion:264 Resp: 1003050
 Ion Ratio Lower Upper
 264 100
 260 24.3 21.8 32.8
 265 22.2 18.2 27.4

