

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024737.D
 Acq On : 7 Nov 2016 20:24
 Operator : UM/SJ
 Sample : H5544-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-111-10.5-21.0

Quant Time: Nov 08 02:41:28 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

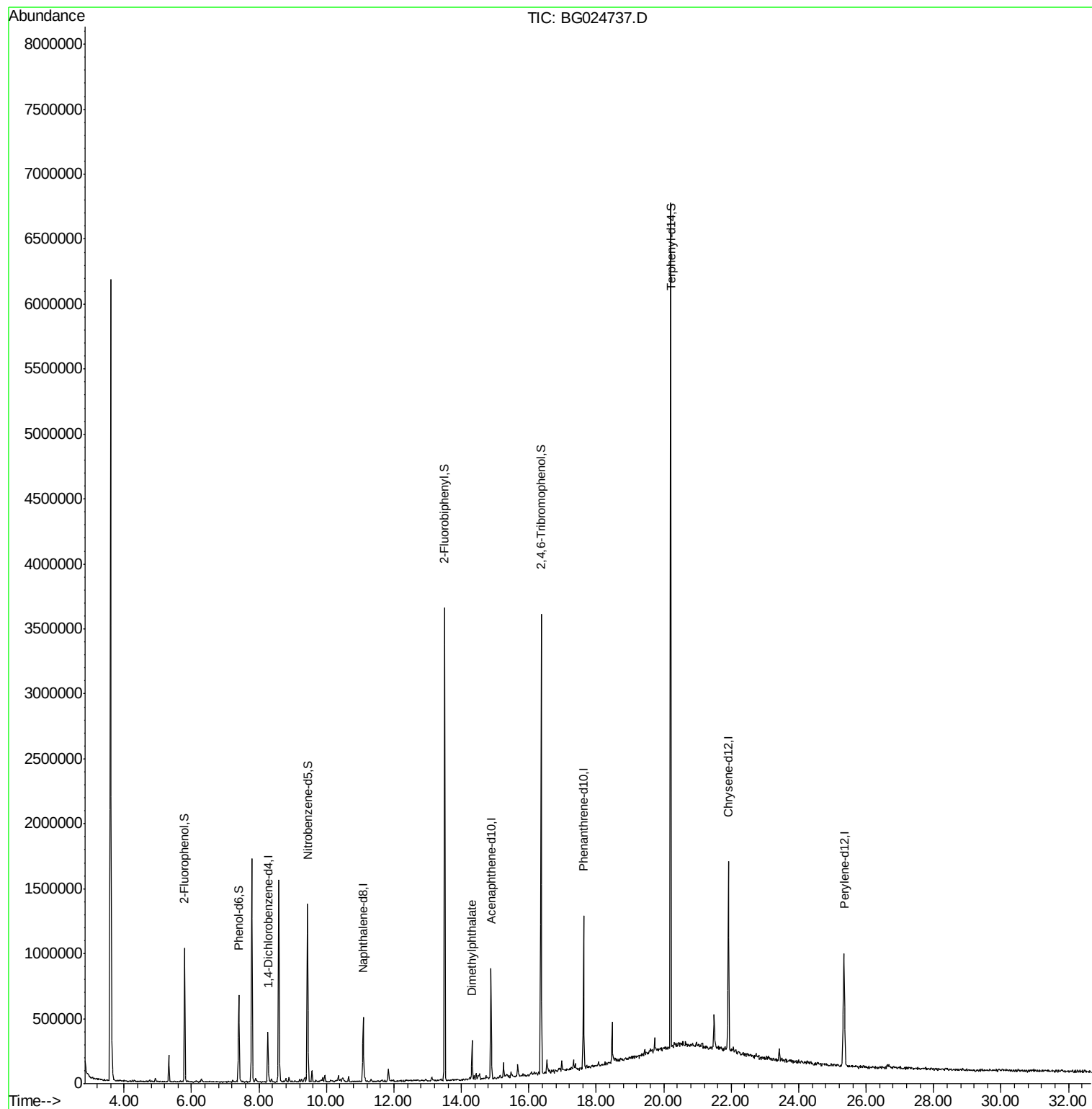
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	98668	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	400266	20.00	ng	-0.02
38) Acenaphthene-d10	14.88	164	308985	20.00	ng	-0.02
63) Phenanthrene-d10	17.62	188	702295	20.00	ng	0.00
75) Chrysene-d12	21.91	240	987335	20.00	ng	-0.02
86) Perylene-d12	25.34	264	1071055	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	402135	66.80	ng	0.00
7) Phenol-d6	7.40	99	361132	43.73	ng	0.00
23) Nitrobenzene-d5	9.44	82	844027	96.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.36	330	724904	157.04	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	1807661	97.24	ng	-0.02
78) Terphenyl-d14	20.20	244	2776122	84.02	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	167241	7.62	ng	Qvalue 99

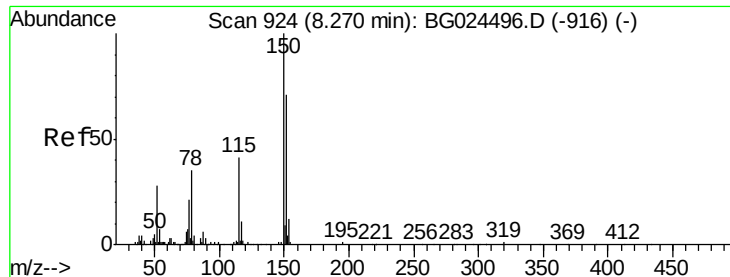
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024737.D

Acq: 7 Nov 2016 20:24

Instrument :

BNA_G

ClientSampleId :

GW-111-10.5-21.0

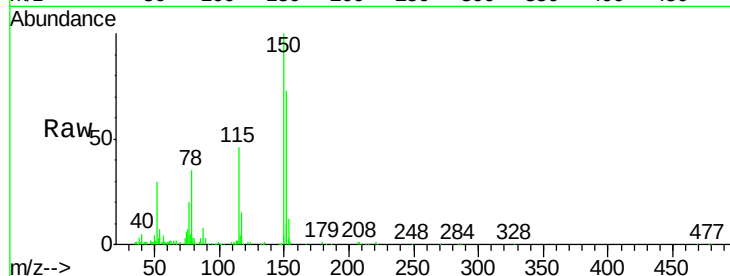
Tot Ion:152 Resp: 98668

Ion Ratio Lower Upper

152 100

150 137.5 114.0 171.0

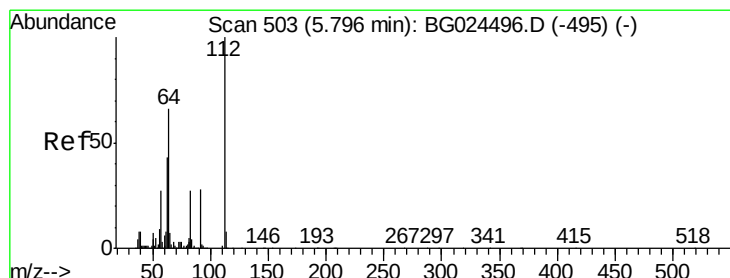
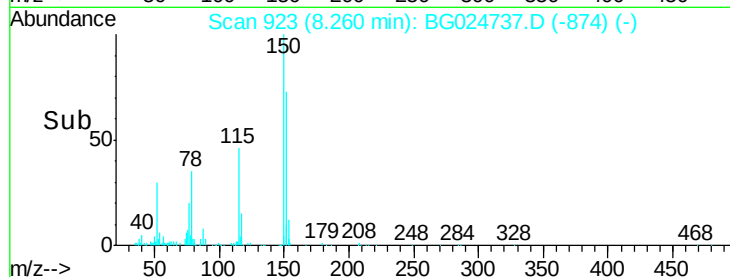
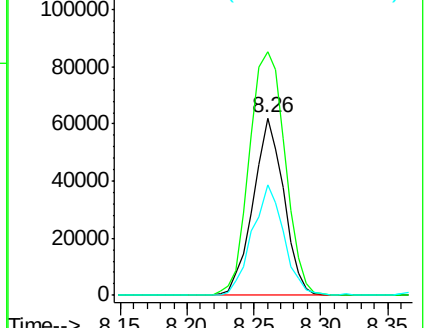
115 62.6 48.1 72.1



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: 66.80 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024737.D

Acq: 7 Nov 2016 20:24

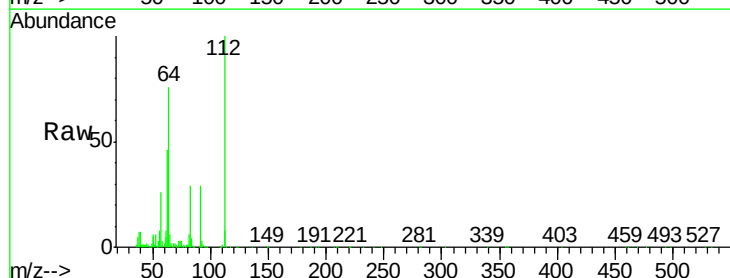
Tgt Ion:112 Resp: 402135

Ion Ratio Lower Upper

112 100

64 76.2 61.8 92.6

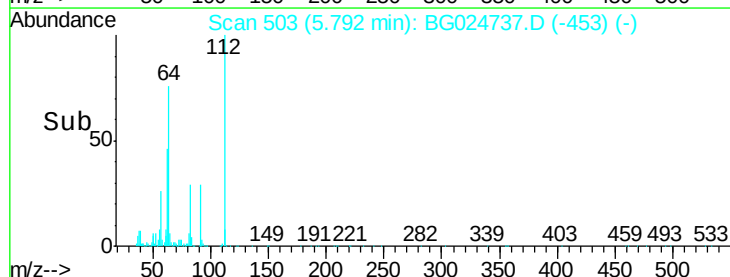
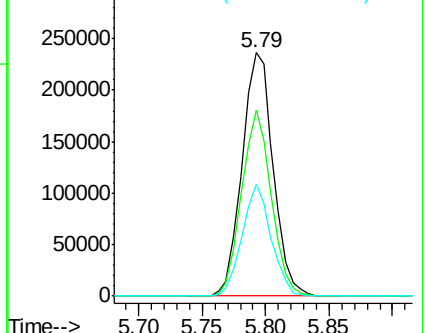
63 45.7 37.2 55.8

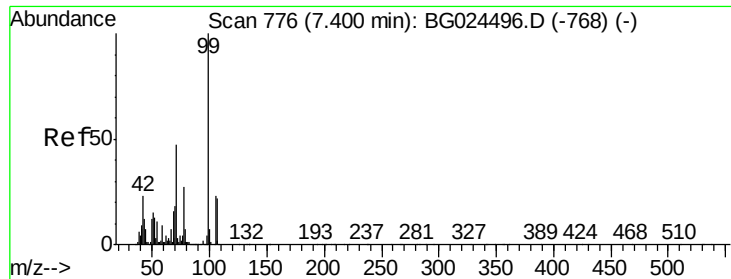


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 43.73 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024737.D

Acq: 7 Nov 2016 20:24

Instrument :

BNA_G

ClientSampleId :

GW-111-10.5-21.0

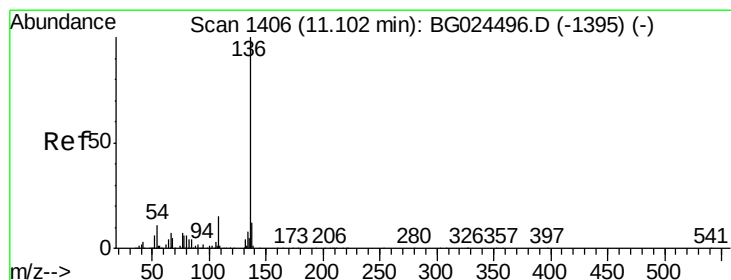
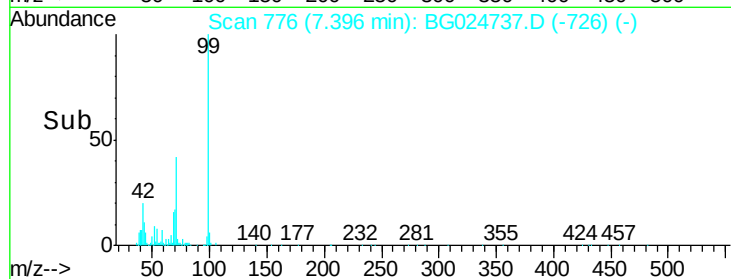
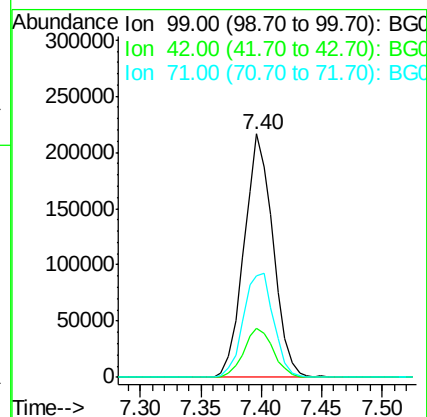
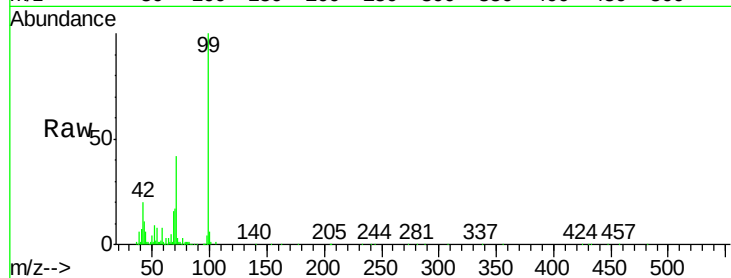
Tot Ion: 99 Resp: 361132

Ion Ratio Lower Upper

99 100

42 20.3 20.5 30.7#

71 41.6 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BG024737.D

Acq: 7 Nov 2016 20:24

Tgt Ion: 136 Resp: 400266

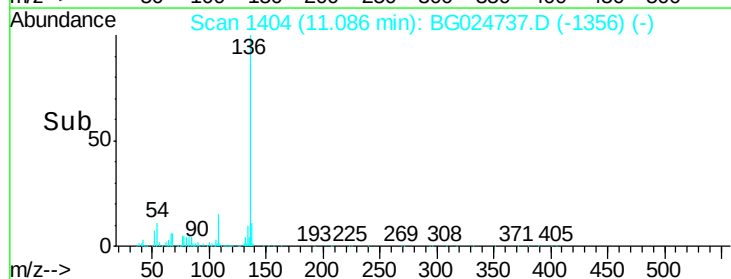
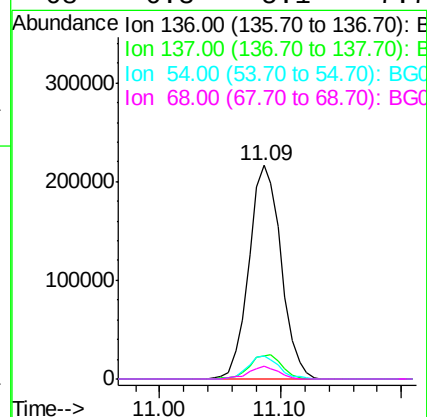
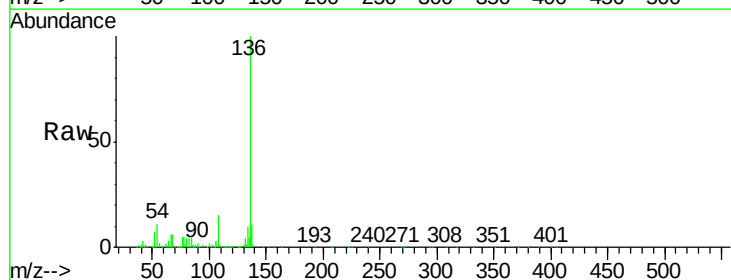
Ion Ratio Lower Upper

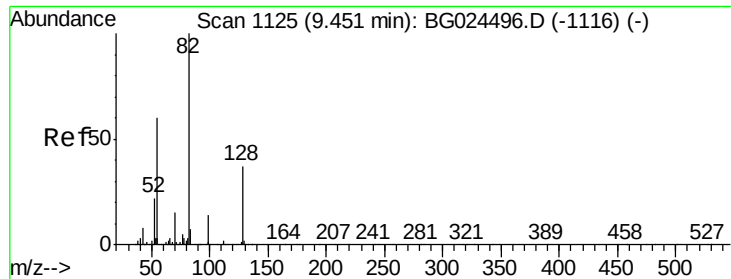
136 100

137 10.8 8.9 13.3

54 10.6 9.3 13.9

68 6.3 5.1 7.7

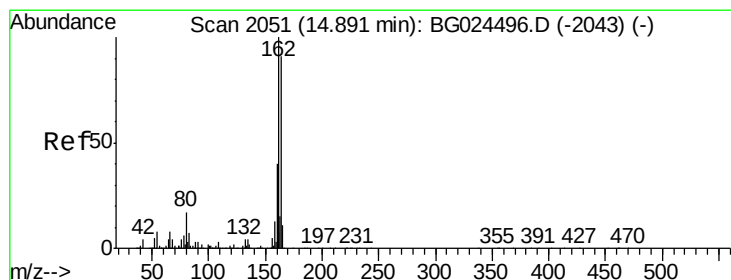
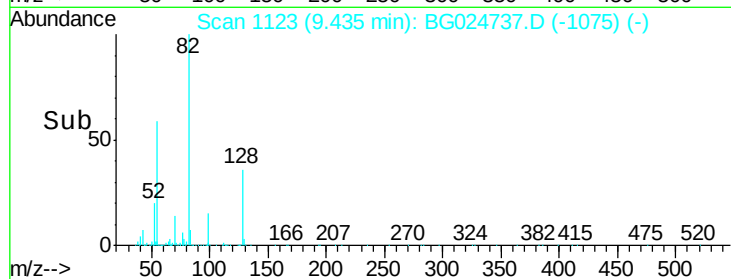
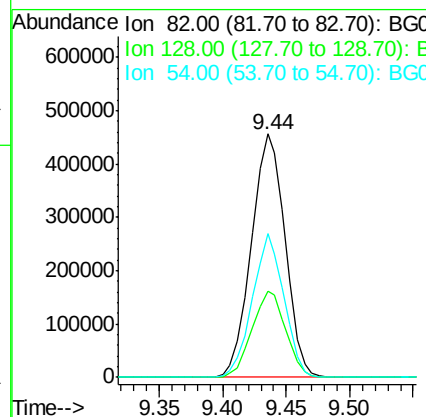
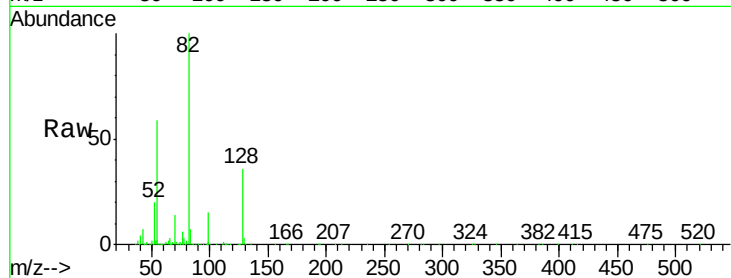




#23
 Nitrobenzene-d5
 Concen: 96.01 ng
 RT: 9.44 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BG024737.D
 Acq: 7 Nov 2016 20:24

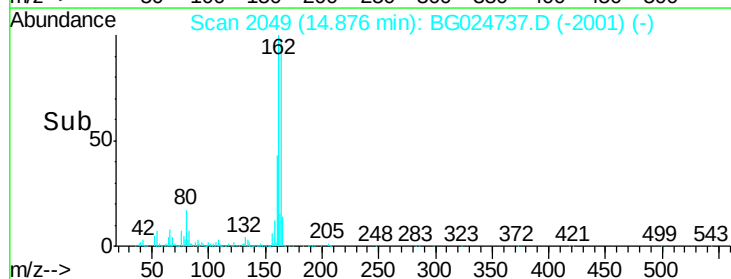
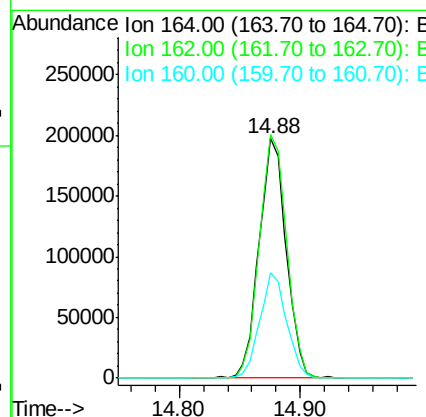
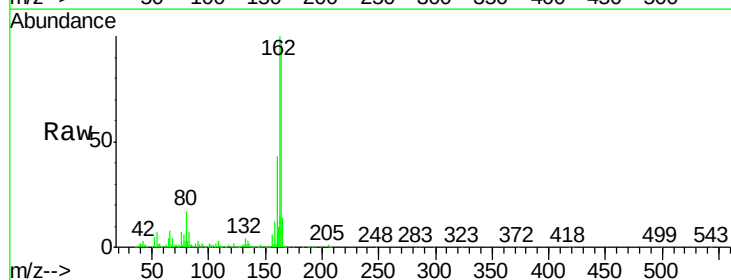
Instrument :
 BNA_G
 ClientSampleId :
 GW-111-10.5-21.0

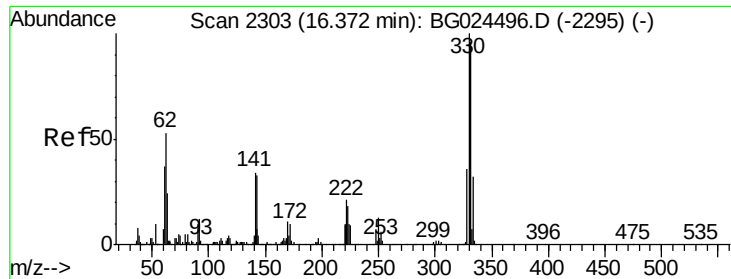
Tot Ion	82	Resp	844027
Ion Ratio	Lower	Upper	
82	100		
128	35.5	26.4	39.6
54	59.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2049
 Delta R.T. -0.02 min
 Lab File: BG024737.D
 Acq: 7 Nov 2016 20:24

Tgt Ion	164	Resp	308985
Ion Ratio	Lower	Upper	
164	100		
162	101.6	85.1	127.7
160	44.1	34.7	52.1

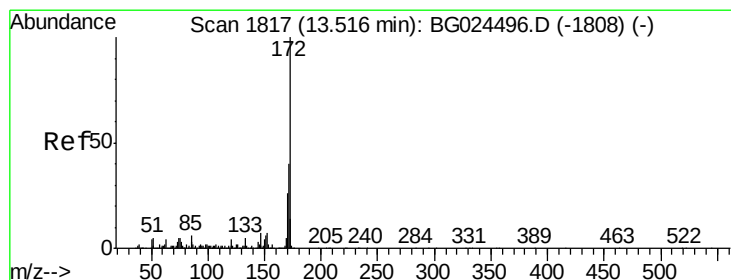
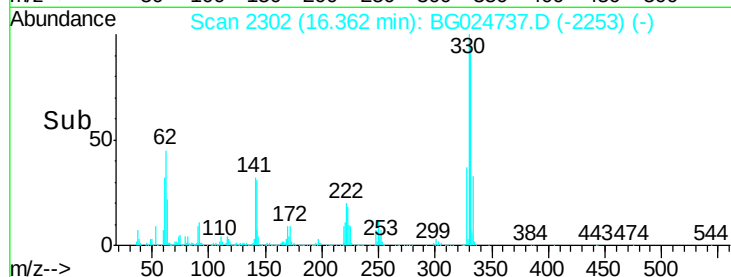
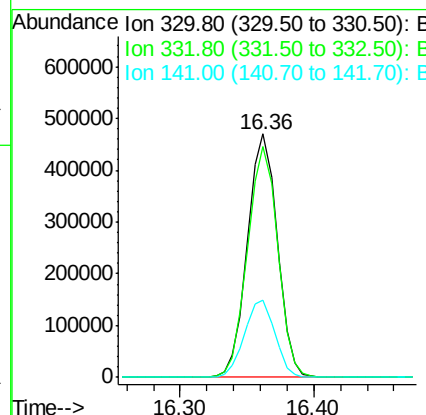
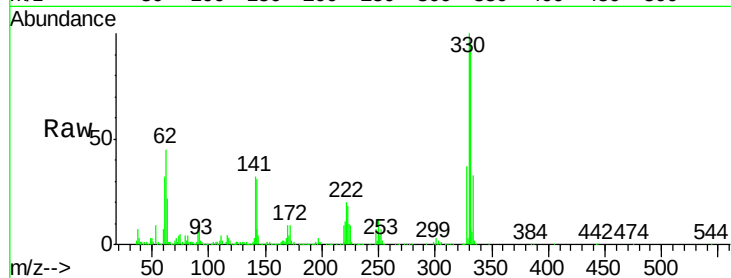




#41
2,4,6-Tribromophenol
Concen: 157.04 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024737.D
Acq: 7 Nov 2016 20:24

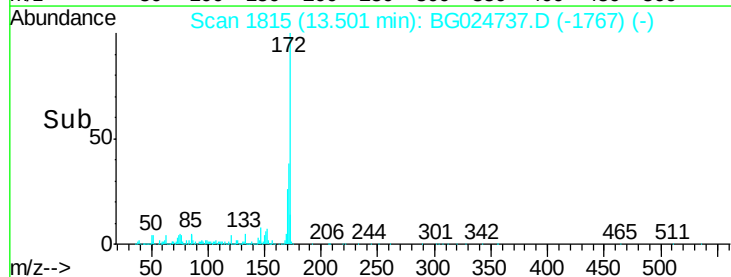
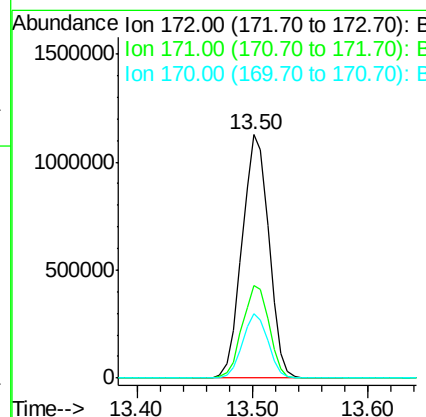
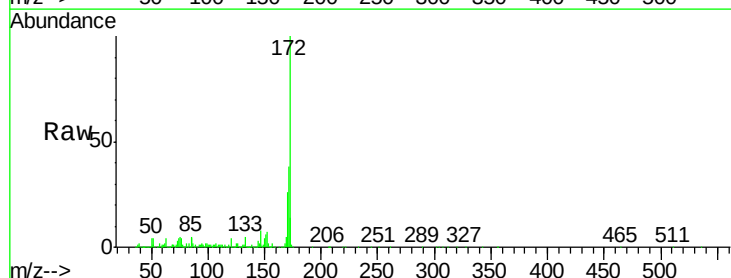
Instrument :
BNA_G
ClientSampleId :
GW-111-10.5-21.0

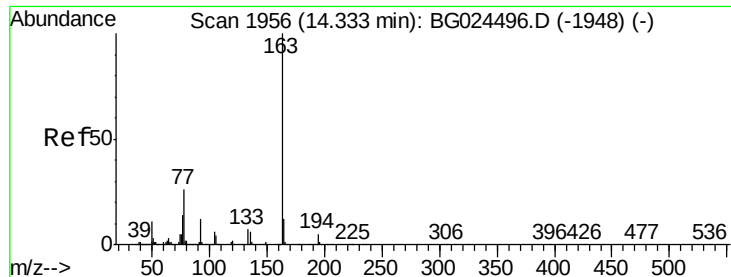
Tot Ion:330 Resp: 724904
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 32.8 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 97.24 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BG024737.D
Acq: 7 Nov 2016 20:24

Tgt Ion:172 Resp: 1807661
Ion Ratio Lower Upper
172 100
171 38.2 32.2 48.2
170 26.4 21.8 32.6





#49

Dimethylphthalate

Concen: 7.62 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG024737.D

Acq: 7 Nov 2016 20:24

Instrument :

BNA_G

ClientSampleId :

GW-111-10.5-21.0

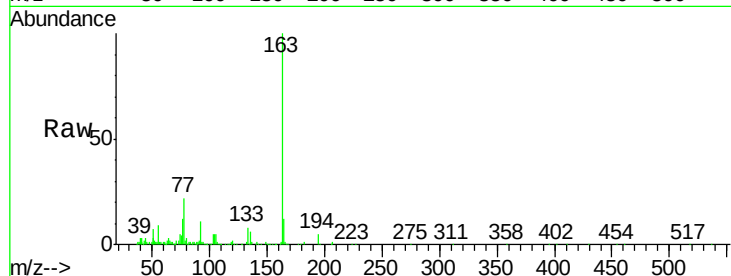
Tot Ion:163 Resp: 167241

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.6

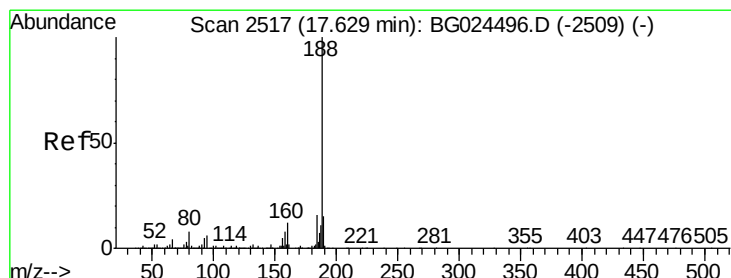
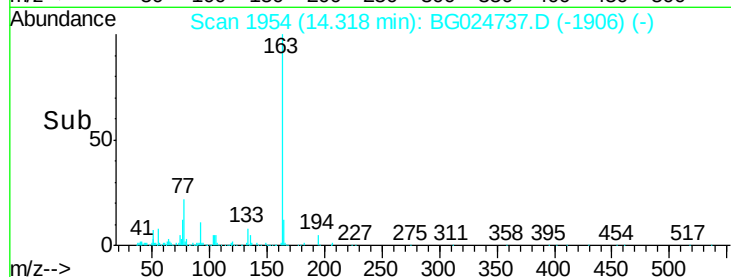
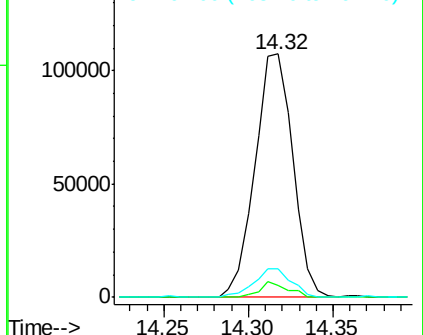
164 11.8 9.3 13.9



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: BG024737.D

Acq: 7 Nov 2016 20:24

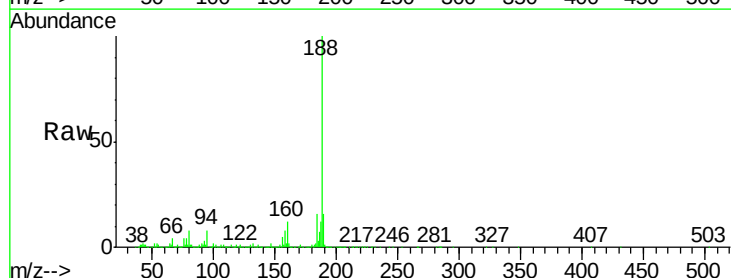
Tgt Ion:188 Resp: 702295

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.8

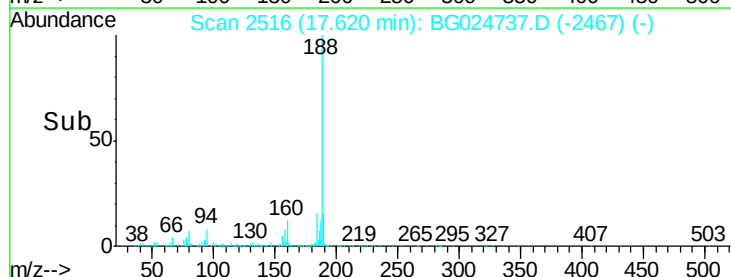
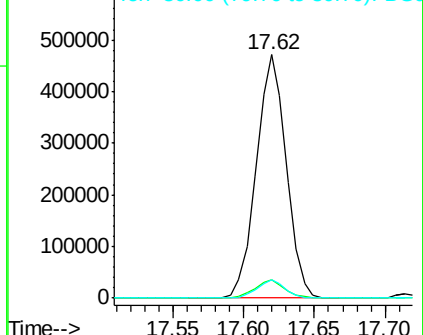
80 7.5 7.5 11.3#

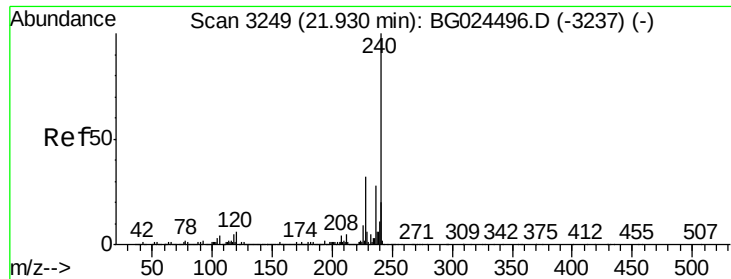


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG024737.D

Acq: 7 Nov 2016 20:24

Instrument :

BNA_G

ClientSampleId :

GW-111-10.5-21.0

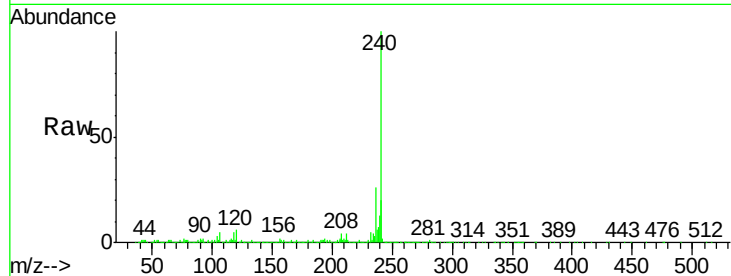
Tot Ion:240 Resp: 987335

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

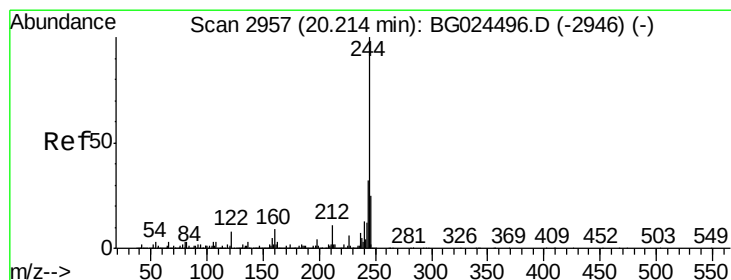
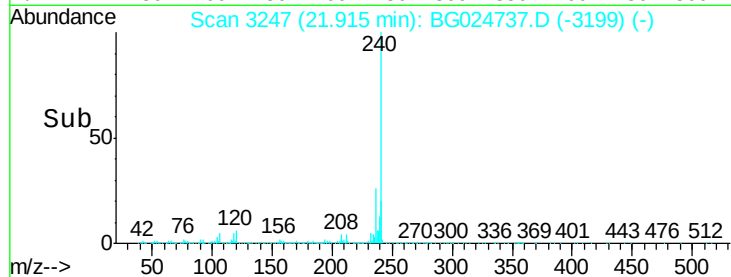
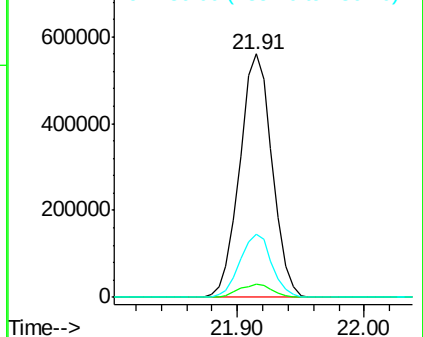
236 25.8 22.2 33.4



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: 84.02 ng

RT: 20.20 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024737.D

Acq: 7 Nov 2016 20:24

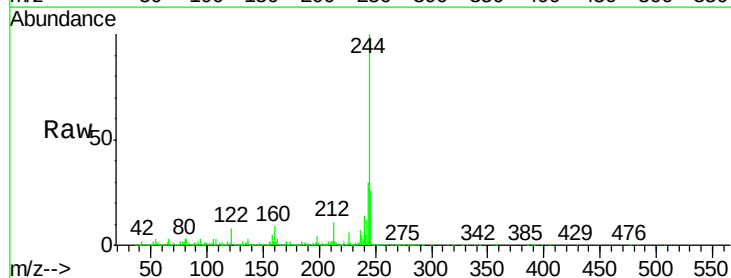
Tgt Ion:244 Resp: 2776122

Ion Ratio Lower Upper

244 100

212 11.1 10.0 15.0

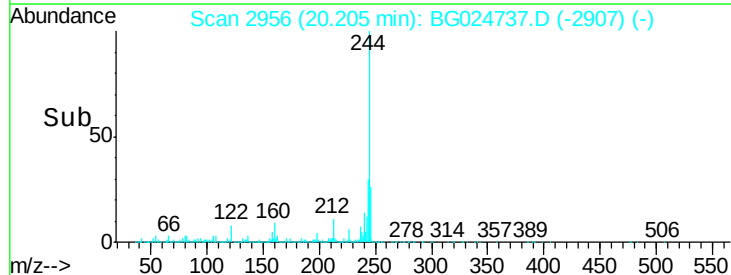
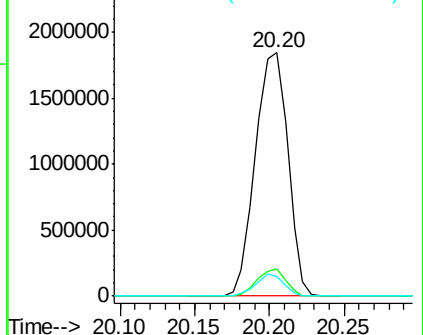
122 7.9 8.6 12.8#

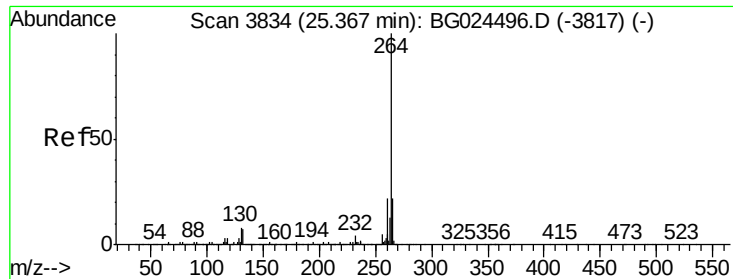


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG024737.D
Acq: 7 Nov 2016 20:24

Instrument :
BNA_G
ClientSampleId :
GW-111-10.5-21.0

Tot Ion:264 Resp: 1071055

Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	21.5	18.2	27.4

