

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024568.D
 Acq On : 31 Oct 2016 22:39
 Operator : UM/SJ
 Sample : H5481-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-7

Quant Time: Nov 01 11:59:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

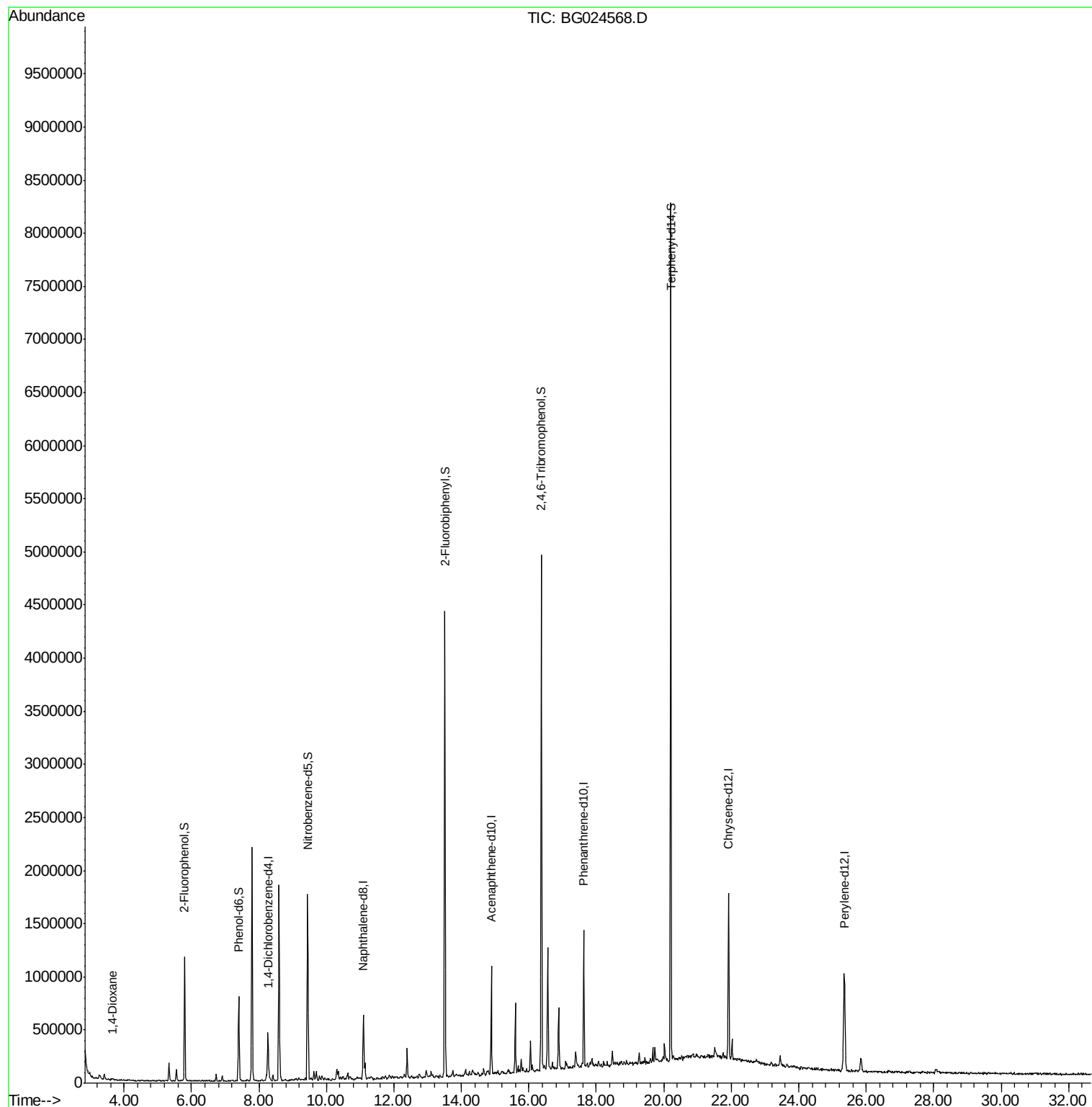
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	124866	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	498782	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	370974	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	818083	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1085591	20.00	ng	0.00
86) Perylene-d12	25.36	264	1135937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	490279	64.35	ng	0.00
7) Phenol-d6	7.40	99	446455	42.72	ng	0.00
23) Nitrobenzene-d5	9.44	82	1104923	100.86	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	869108	156.82	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2142365	95.99	ng	0.00
78) Terphenyl-d14	20.21	244	3231626	88.95	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.67	88	7944	2.55	ng	Qvalue # 62

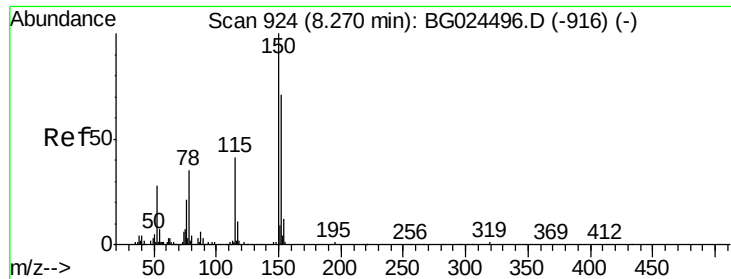
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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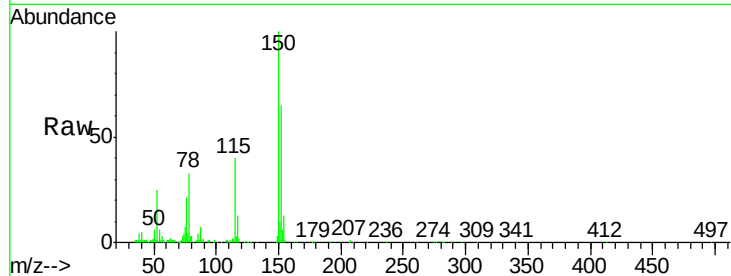


#1

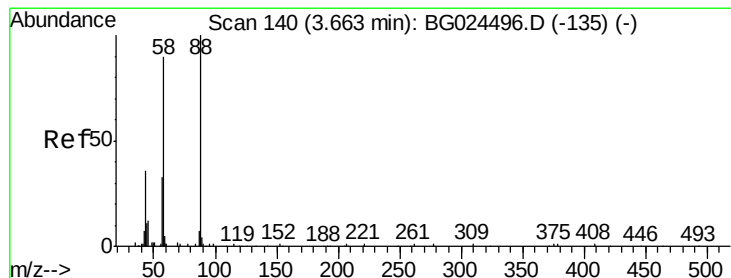
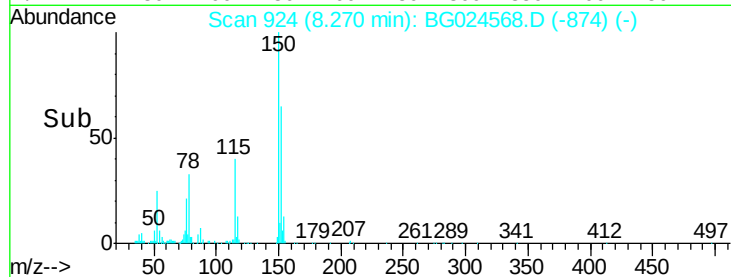
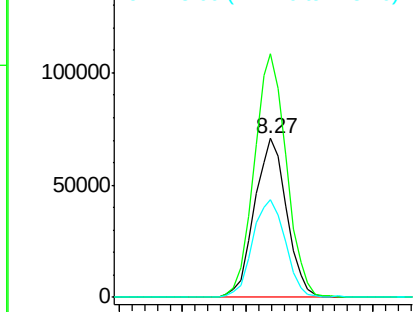
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG024568.D
Acq: 31 Oct 2016 22:39

Instrument :
BNA_G
ClientSampleId :
GW-7

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.5	114.0	171.0
115	61.3	48.1	72.1



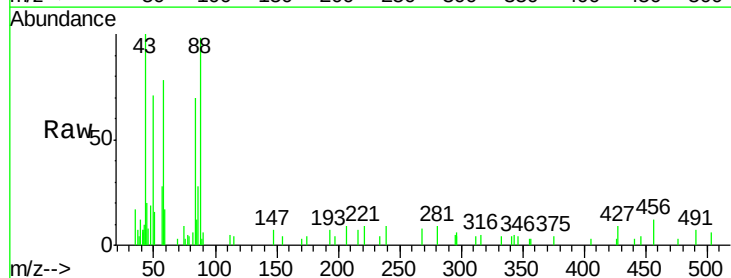
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



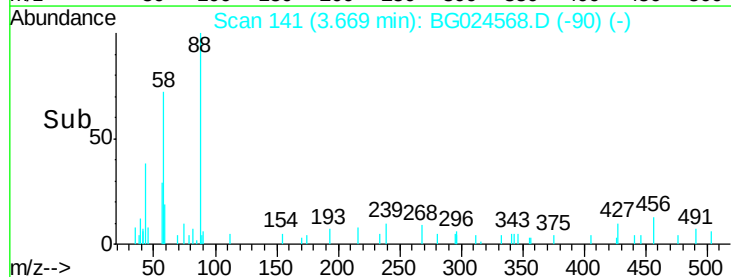
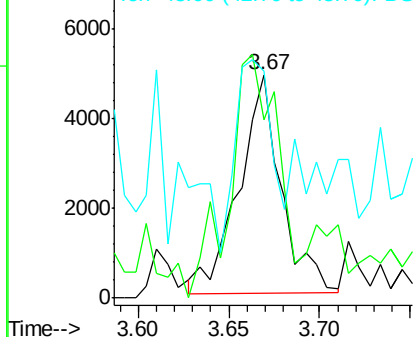
#2

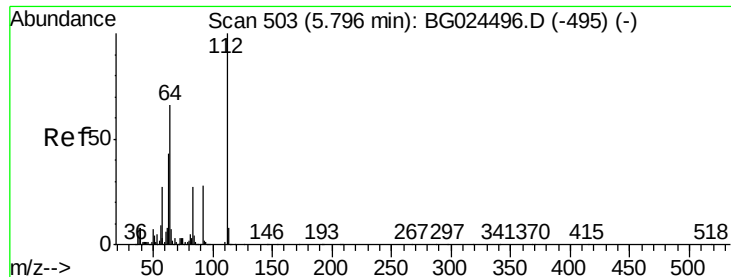
1,4-Dioxane
Concen: 2.55 ng
RT: 3.67 min Scan# 141
Delta R.T. 0.00 min
Lab File: BG024568.D
Acq: 31 Oct 2016 22:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	130.6	79.4	119.2#
43	76.5	33.8	50.6#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 64.35 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG024568.D

Acq: 31 Oct 2016 22:39

Instrument :

BNA_G

ClientSampleId :

GW-7

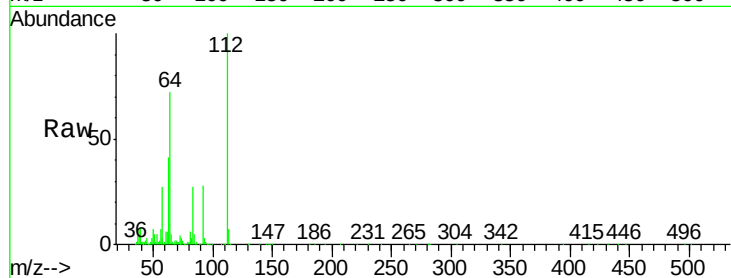
Tgt Ion: 112 Resp: 490279

Ion Ratio Lower Upper

112 100

64 72.0 61.8 92.6

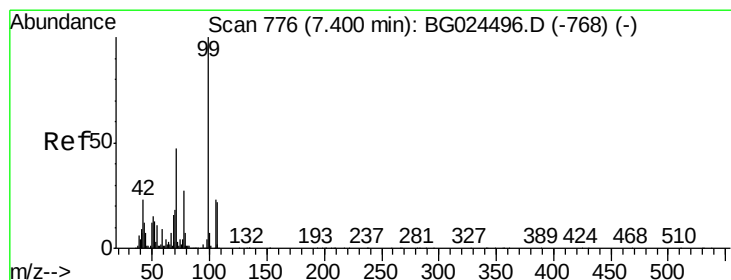
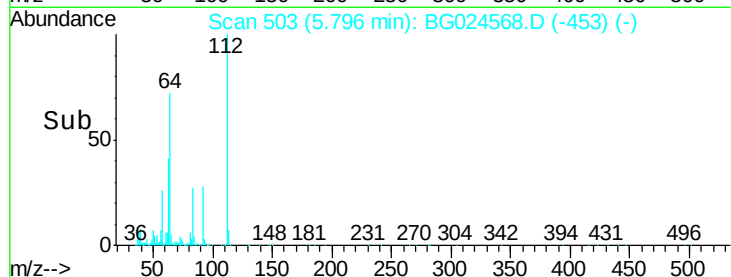
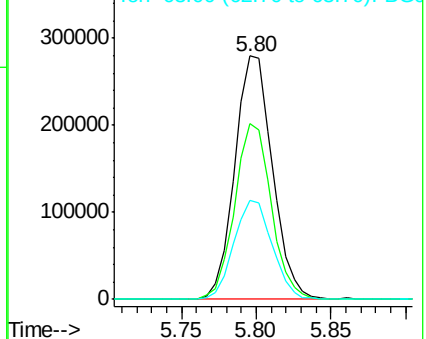
63 40.8 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 42.72 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG024568.D

Acq: 31 Oct 2016 22:39

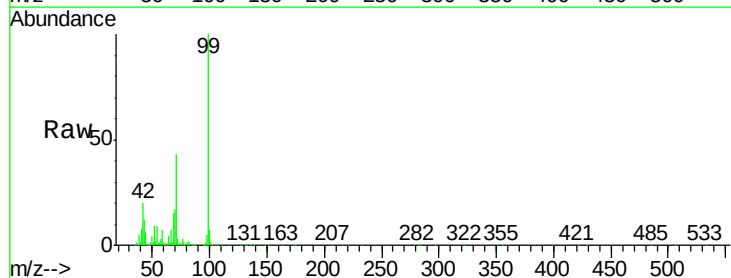
Tgt Ion: 99 Resp: 446455

Ion Ratio Lower Upper

99 100

42 19.9 20.5 30.7#

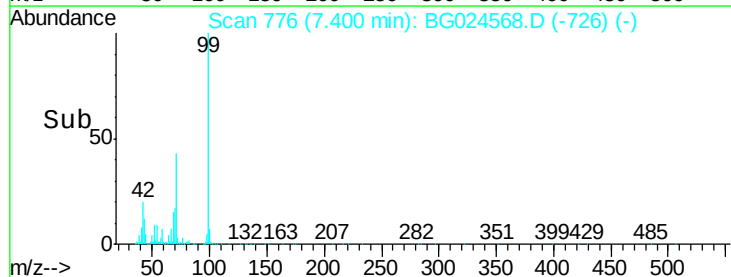
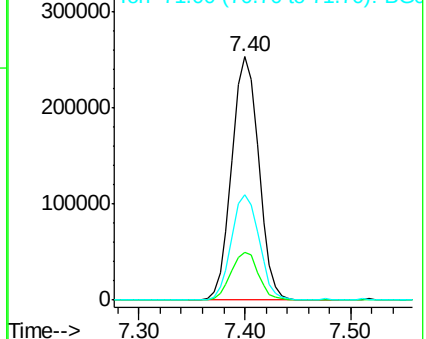
71 43.2 37.6 56.4

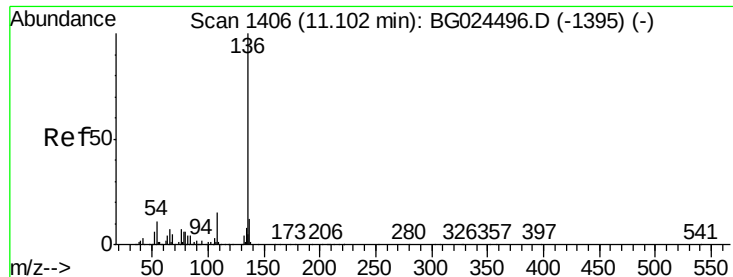


Abundance Ion 99.00 (98.70 to 99.70): BGC

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: BG024568.D

Acq: 31 Oct 2016 22:39

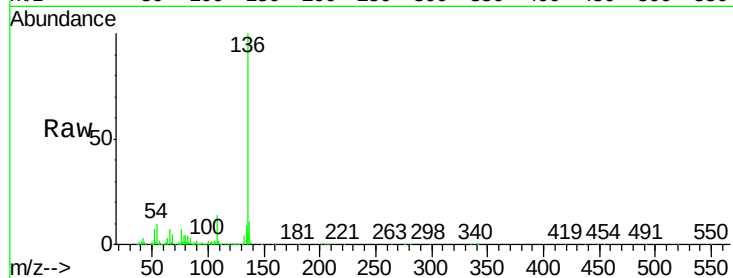
Instrument :

BNA_G

ClientSampleId :

GW-7

Tgt Ion:	136	Resp:	498782
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	10.1	9.3	13.9
68	5.1	5.1	7.7#



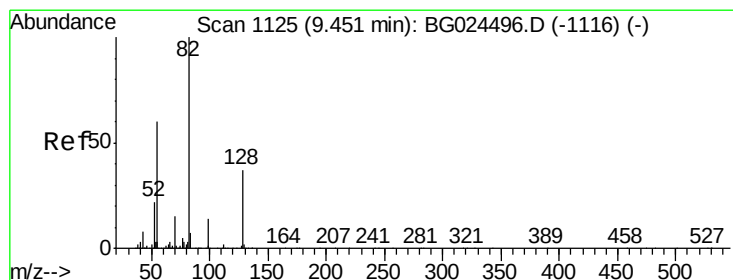
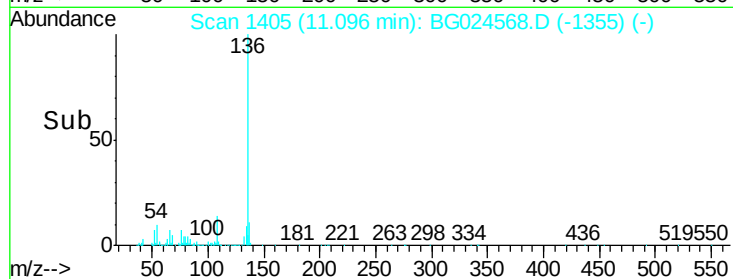
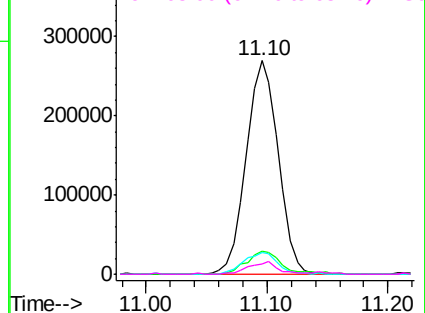
Abundance

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: 100.86 ng

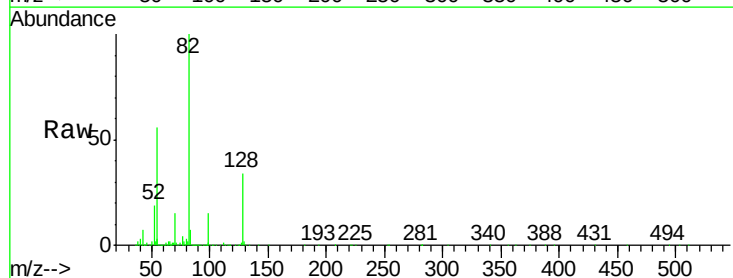
RT: 9.44 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BG024568.D

Acq: 31 Oct 2016 22:39

Tgt Ion:	82	Resp:	1104923
Ion Ratio	Lower	Upper	
82	100		
128	33.5	26.4	39.6
54	56.5	49.4	74.2

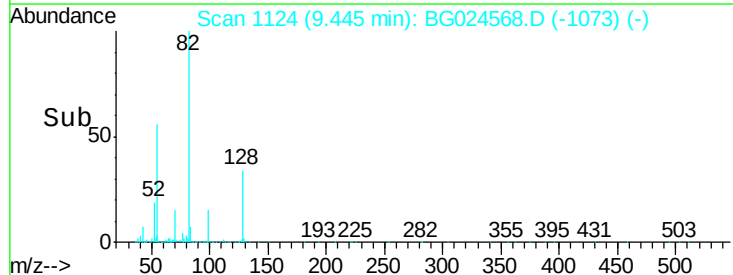
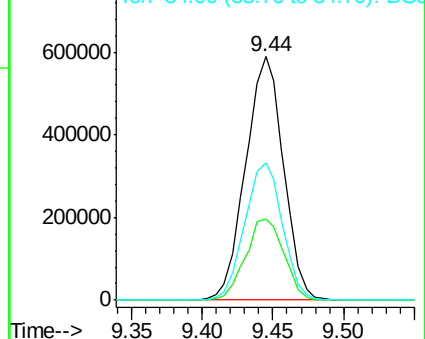


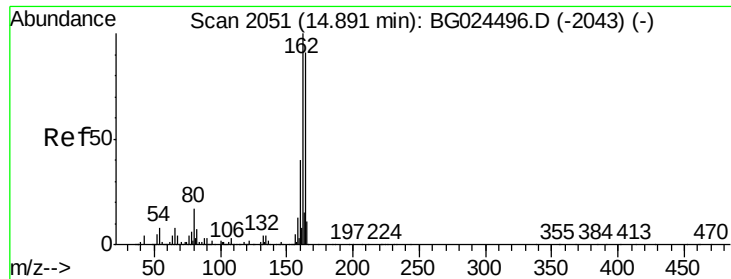
Abundance

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: 14.89 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG024568.D

Acq: 31 Oct 2016 22:39

Instrument :

BNA_G

ClientSampleId :

GW-7

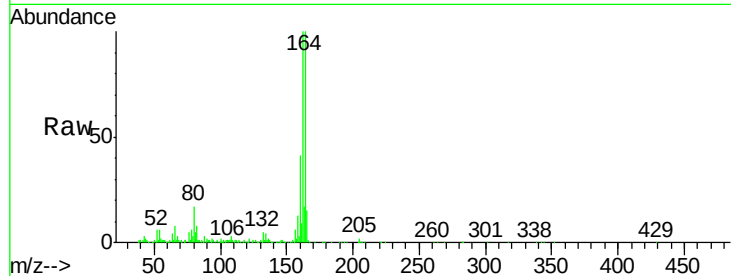
Tgt Ion:164 Resp: 370974

Ion Ratio Lower Upper

164 100

162 100.3 85.1 127.7

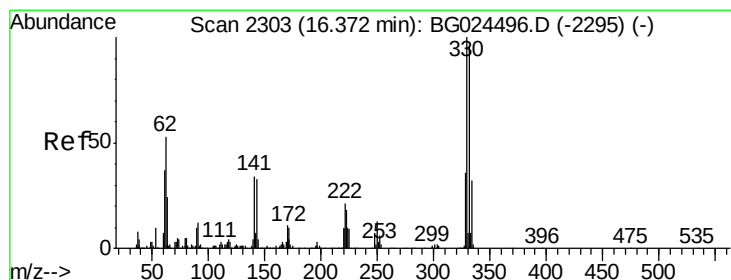
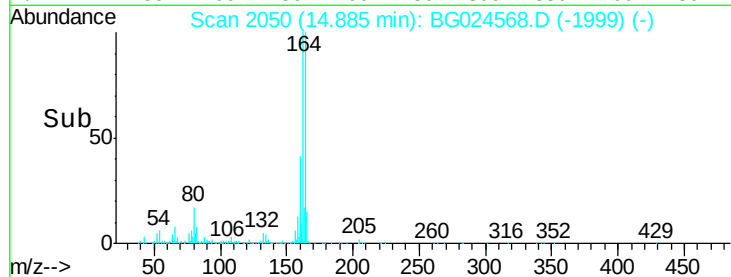
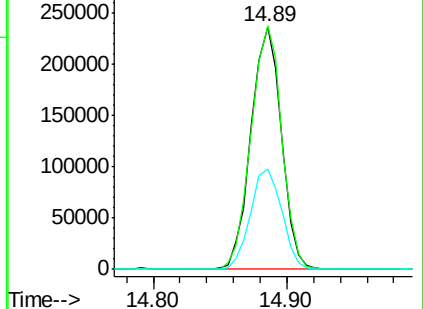
160 41.4 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 156.82 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024568.D

Acq: 31 Oct 2016 22:39

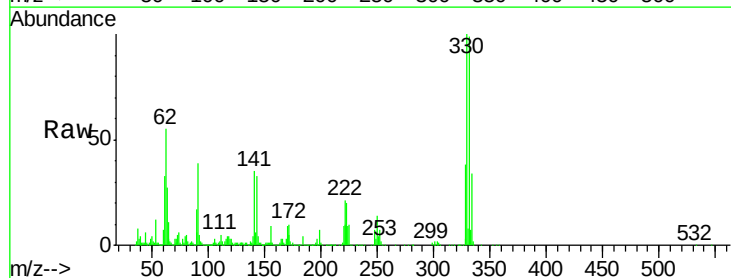
Tgt Ion:330 Resp: 869108

Ion Ratio Lower Upper

330 100

332 98.1 77.3 115.9

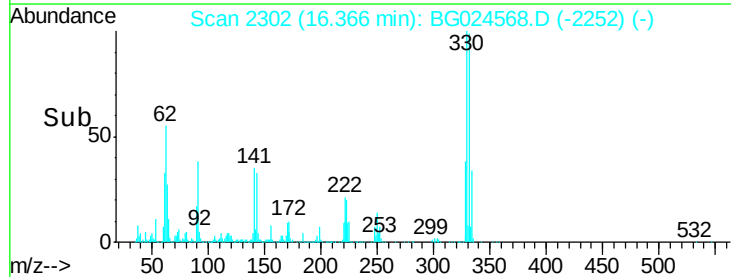
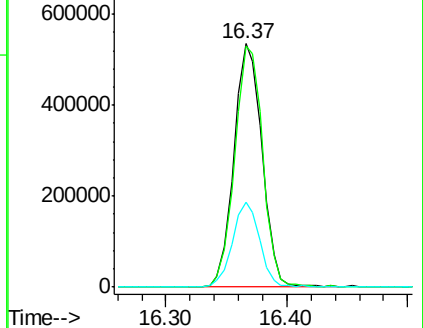
141 33.8 32.1 48.1

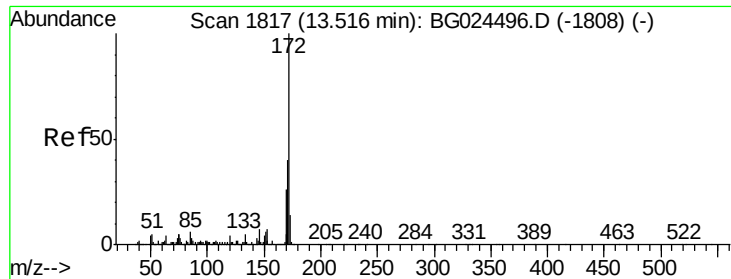


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

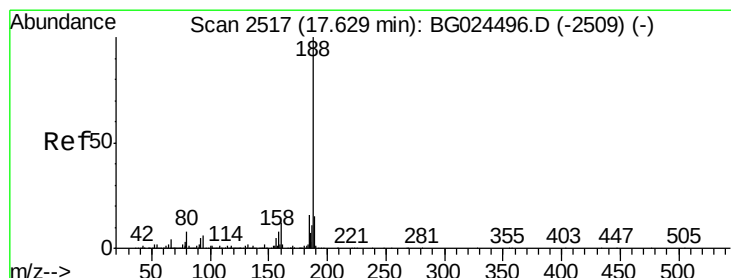
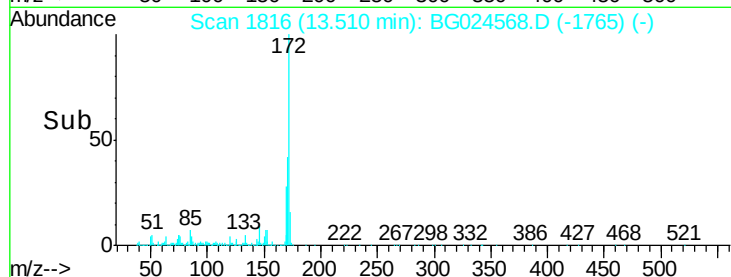
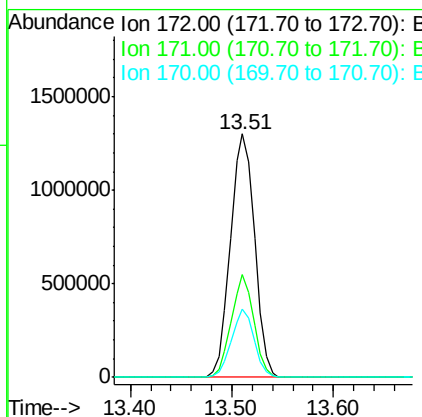
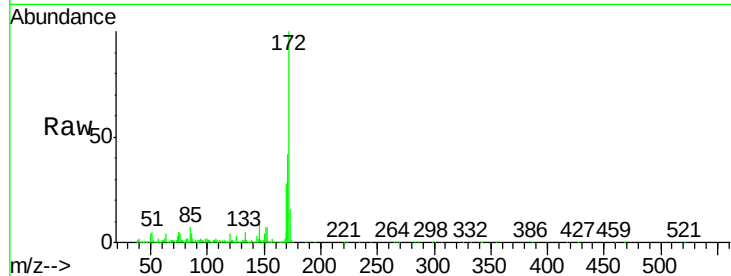




#44
2-Fluorobiphenyl
Concen: 95.99 ng
RT: 13.51 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG024568.D
Acq: 31 Oct 2016 22:39

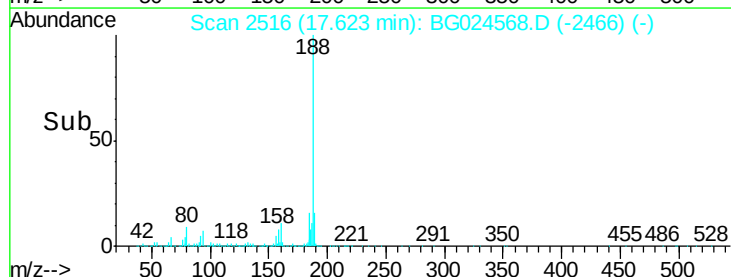
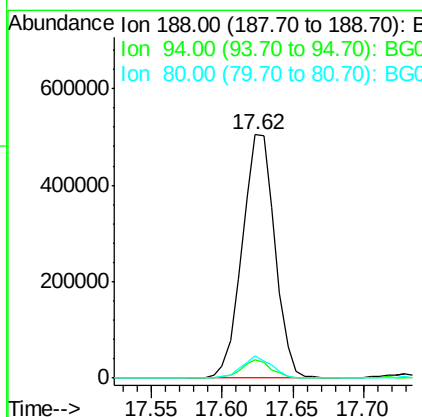
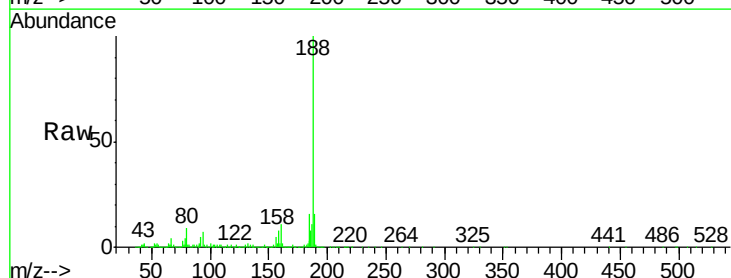
Instrument :
BNA_G
ClientSampleId :
GW-7

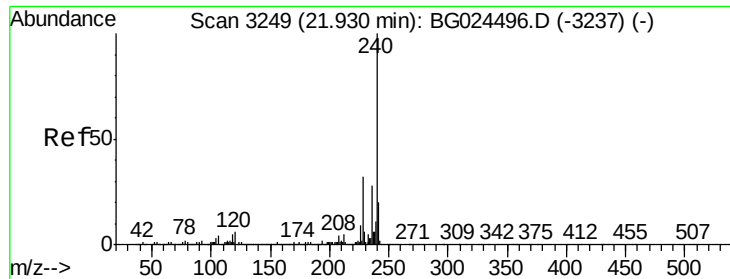
Tgt Ion:172 Resp: 2142365
Ion Ratio Lower Upper
172 100
171 42.1 32.2 48.2
170 28.0 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024568.D
Acq: 31 Oct 2016 22:39

Tgt Ion:188 Resp: 818083
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.8
80 9.2 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024568.D

Acq: 31 Oct 2016 22:39

Instrument :

BNA_G

ClientSampleId :

GW-7

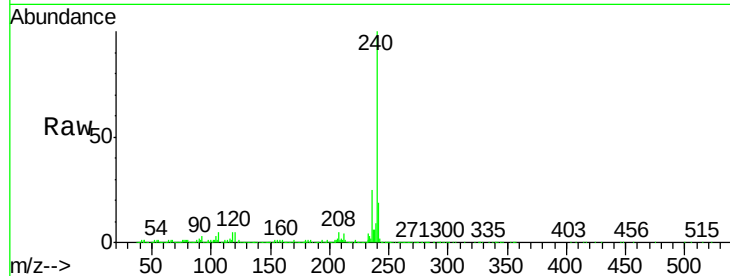
Tgt Ion:240 Resp: 1085591

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

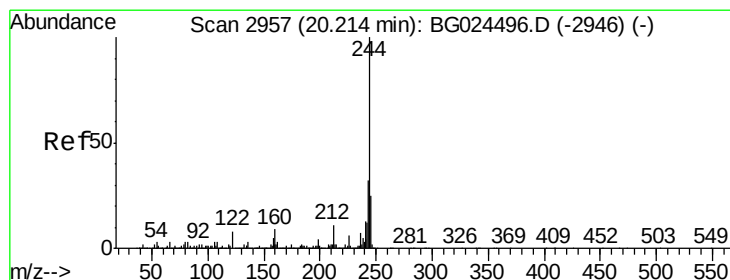
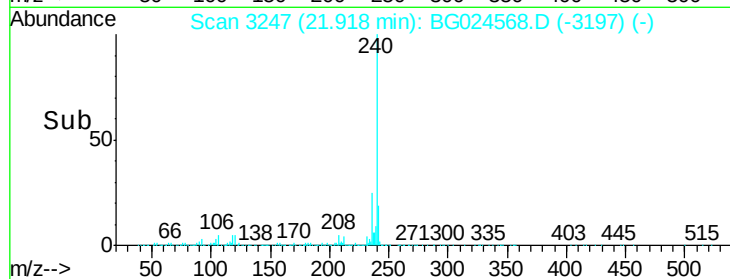
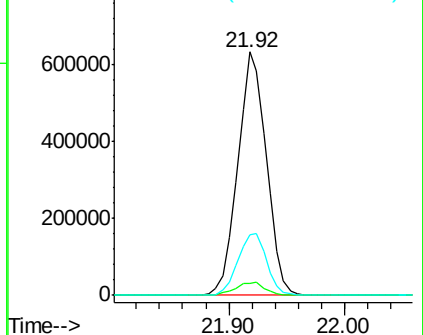
236 24.7 22.2 33.4



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: 88.95 ng

RT: 20.21 min Scan# 2956

Delta R.T. 0.00 min

Lab File: BG024568.D

Acq: 31 Oct 2016 22:39

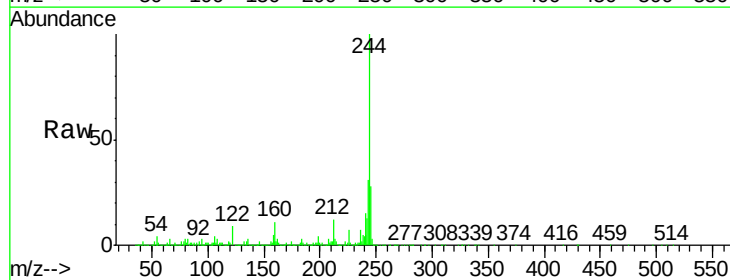
Tgt Ion:244 Resp: 3231626

Ion Ratio Lower Upper

244 100

212 12.3 10.0 15.0

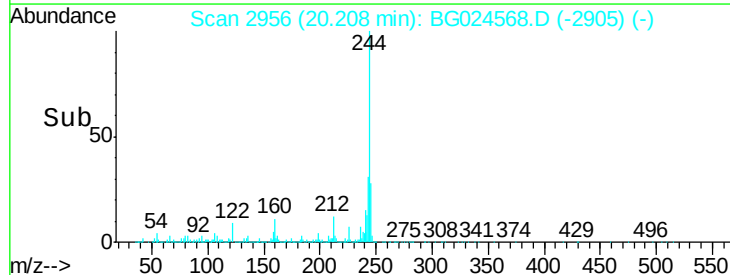
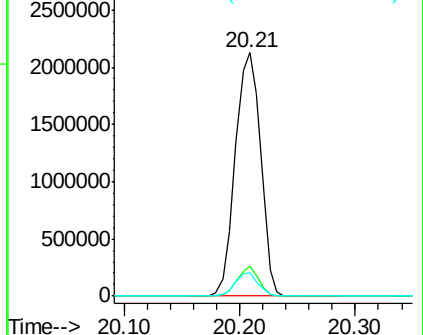
122 9.4 8.6 12.8

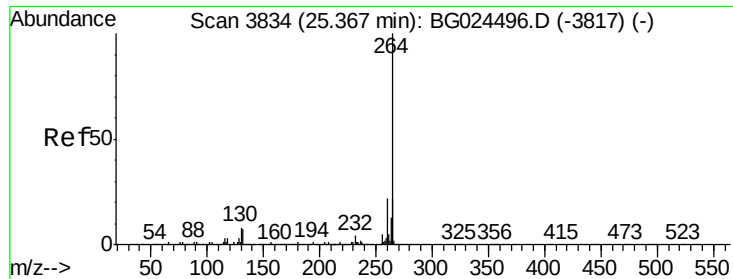


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.36 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BG024568.D
Acq: 31 Oct 2016 22:39

Instrument :
BNA_G
ClientSampleId :
GW-7

Tgt Ion:	264	Resp:	1135937
Ion	Ratio	Lower	Upper
264	100		
260	22.7	21.8	32.8
265	20.9	18.2	27.4

