

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024569.D
 Acq On : 31 Oct 2016 23:18
 Operator : UM/SJ
 Sample : H5481-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-9

Quant Time: Nov 01 11:59:20 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

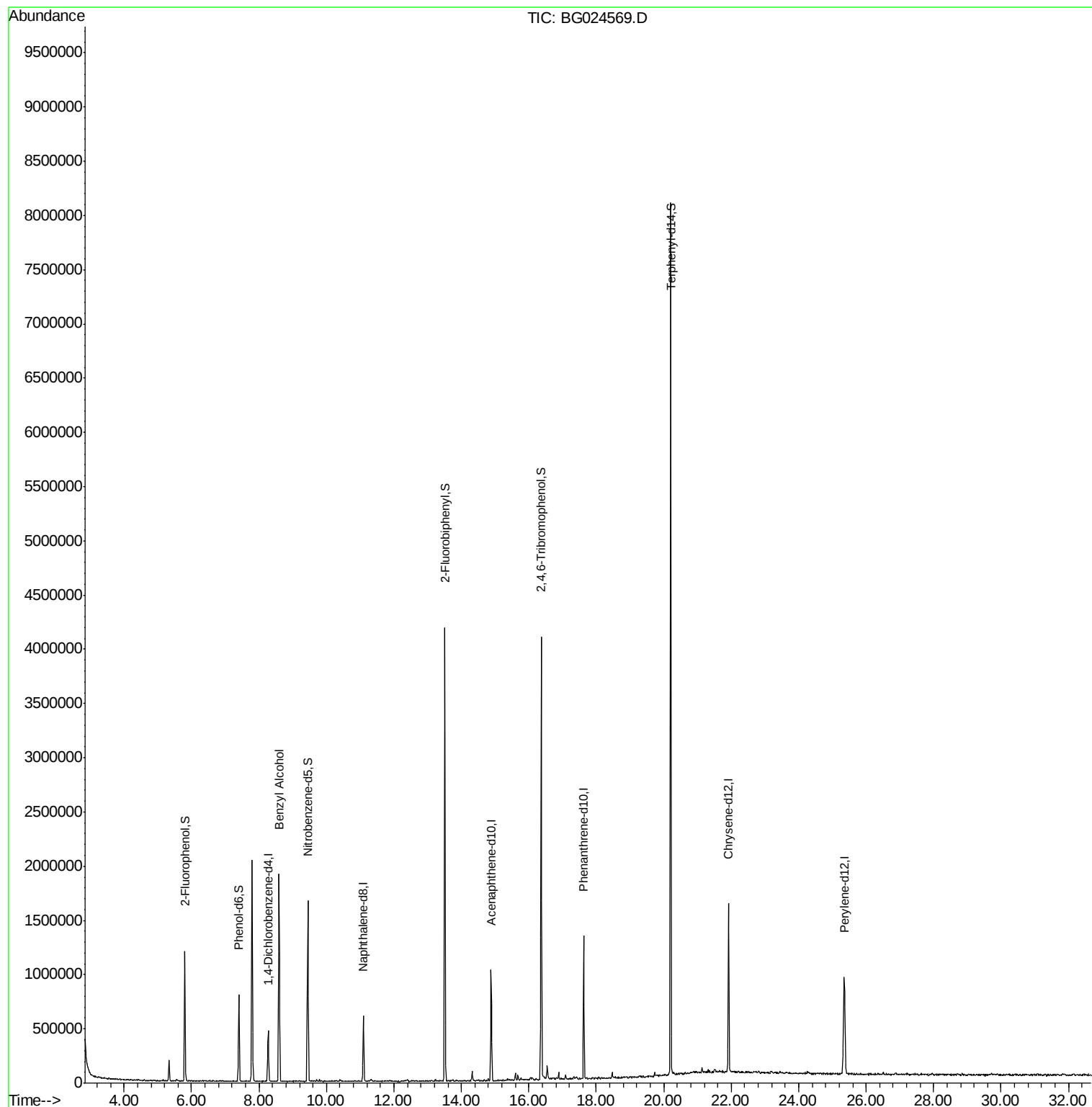
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	128498	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	504166	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	394759	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	825850	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1089980	20.00	ng	0.00
86) Perylene-d12	25.35	264	1151237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	486733	62.08	ng	0.00
7) Phenol-d6	7.40	99	444324	41.32	ng	0.00
23) Nitrobenzene-d5	9.45	82	1072701	96.87	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	808976	137.17	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2158351	90.87	ng	0.00
78) Terphenyl-d14	20.21	244	3322404	91.08	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.60	79	20339	2.03	ng	Qvalue # 59

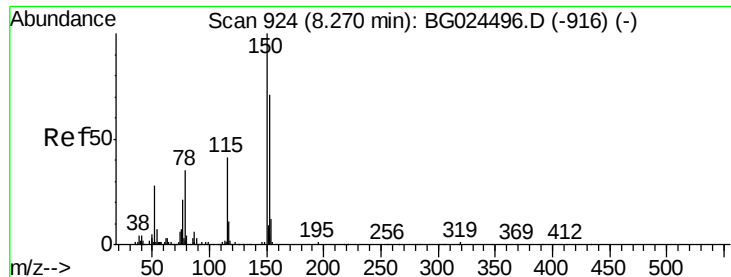
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG024569.D

Acq: 31 Oct 2016 23:18

Instrument :

BNA_G

ClientSampleId :

GW-9

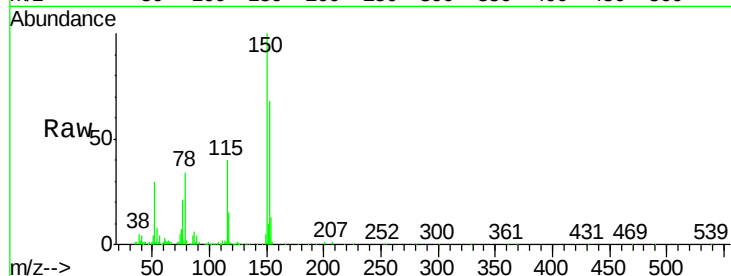
Tgt Ion:152 Resp: 128498

Ion Ratio Lower Upper

152 100

150 147.8 114.0 171.0

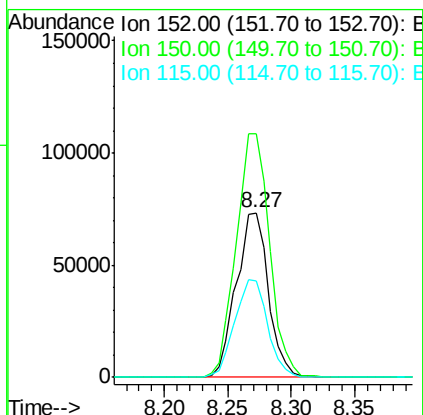
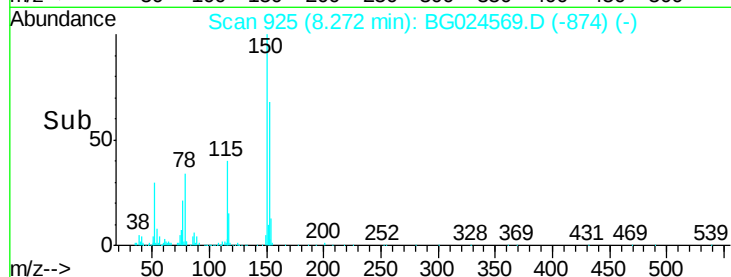
115 58.5 48.1 72.1



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: 62.08 ng

RT: 5.80 min Scan# 504

Delta R.T. -0.00 min

Lab File: BG024569.D

Acq: 31 Oct 2016 23:18

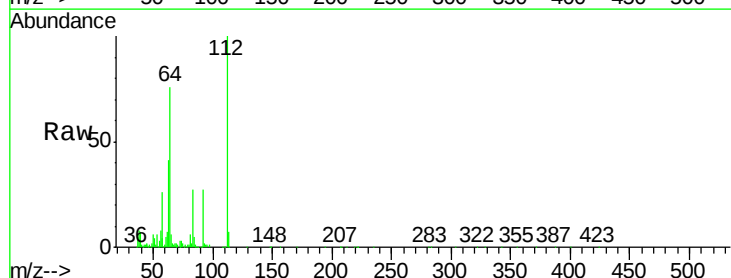
Tgt Ion:112 Resp: 486733

Ion Ratio Lower Upper

112 100

64 75.7 61.8 92.6

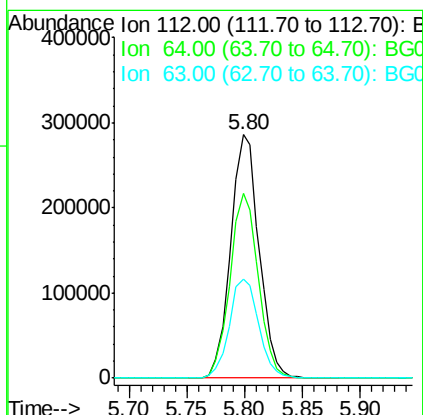
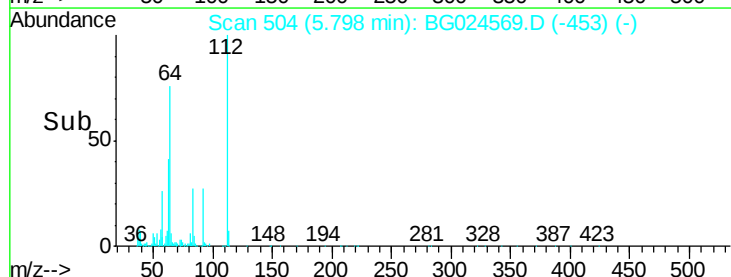
63 40.6 37.2 55.8

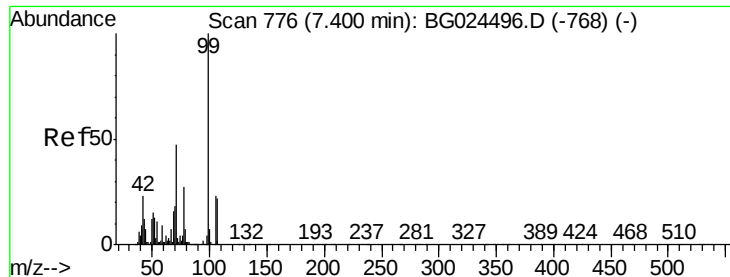


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.32 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024569.D

Acq: 31 Oct 2016 23:18

Instrument :

BNA_G

ClientSampleId :

GW-9

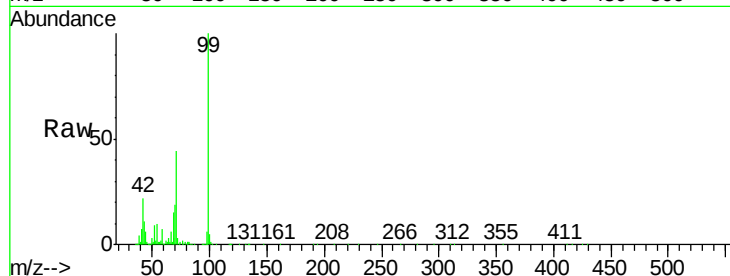
Tgt Ion: 99 Resp: 444324

Ion Ratio Lower Upper

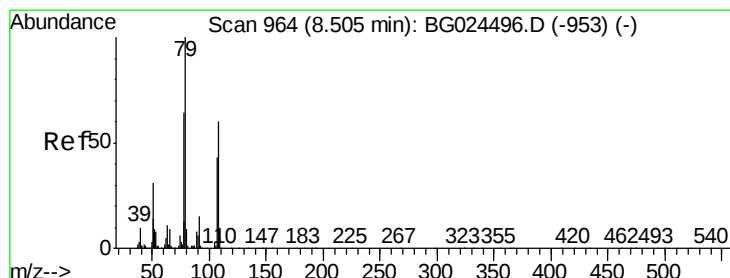
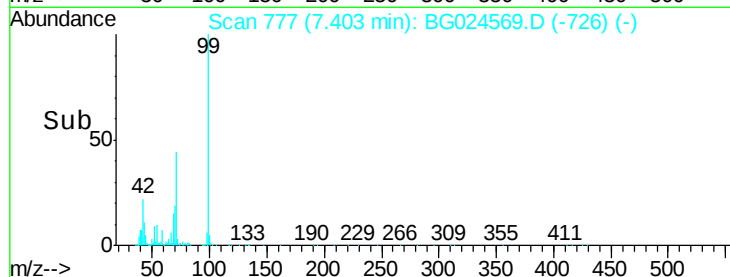
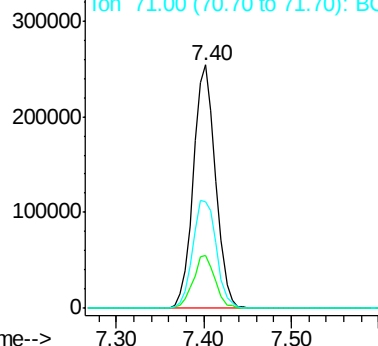
99 100

42 21.9 20.5 30.7

71 44.0 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



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 8.60 min Scan# 981

Delta R.T. 0.10 min

Lab File: BG024569.D

Acq: 31 Oct 2016 23:18

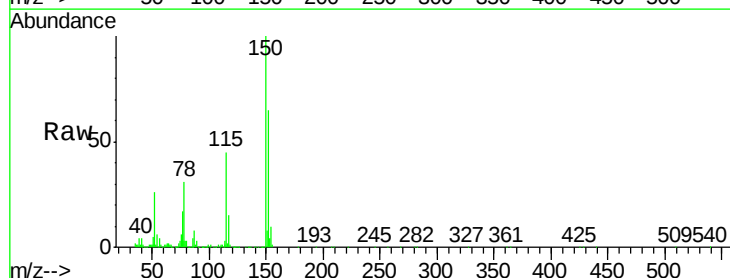
Tgt Ion: 79 Resp: 20339

Ion Ratio Lower Upper

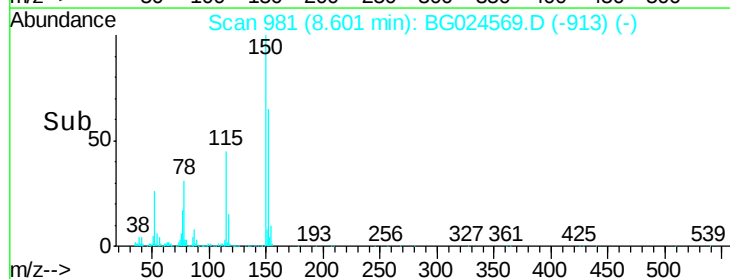
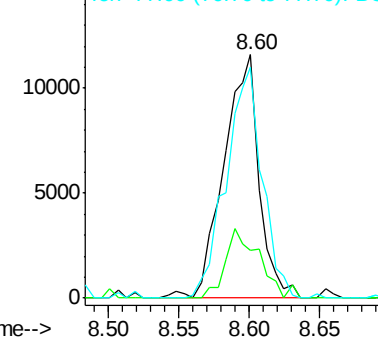
79 100

108 19.4 45.5 68.3#

77 94.7 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

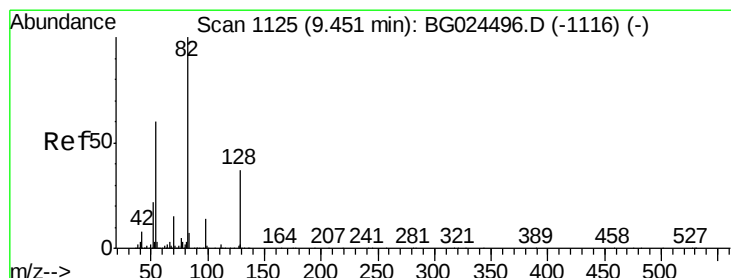
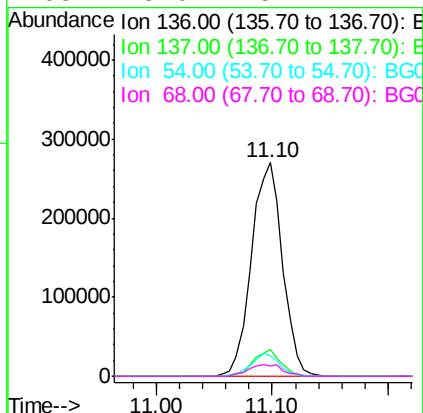
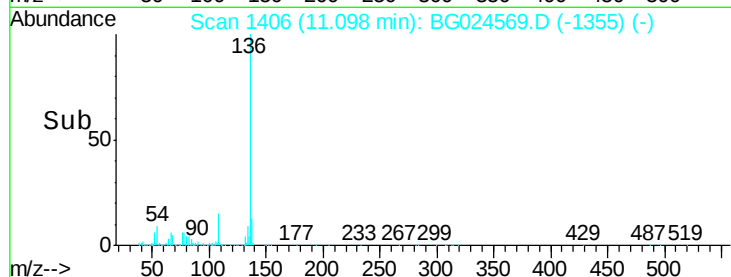
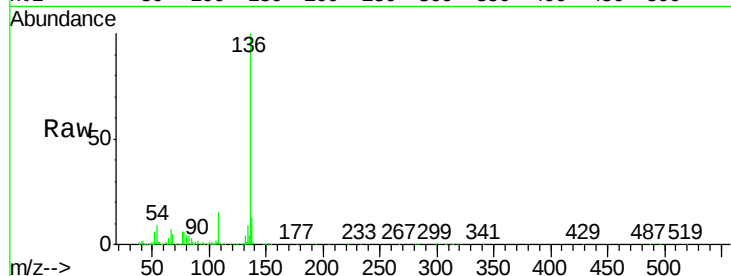




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024569.D
Acq: 31 Oct 2016 23:18

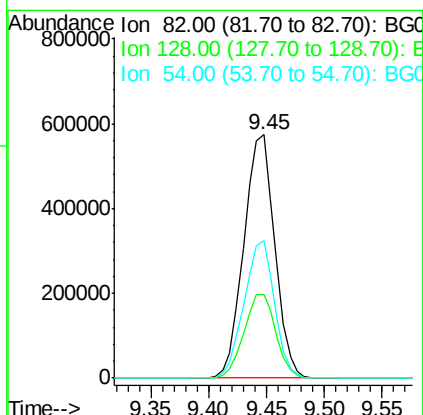
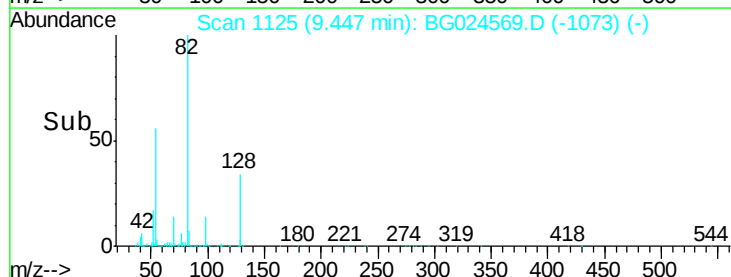
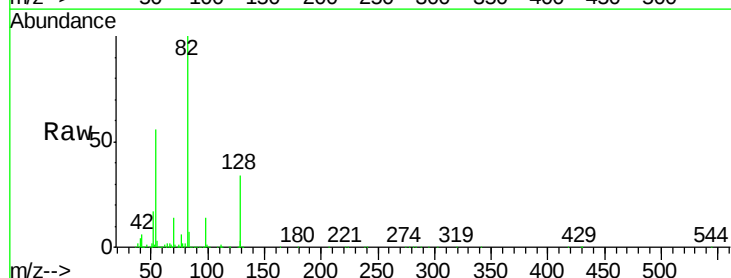
Instrument :
BNA_G
ClientSampleId :
GW-9

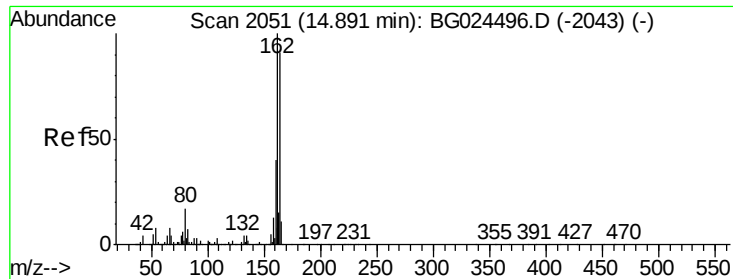
Tgt Ion:	136	Resp:	504166
Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.9	13.3
54	9.5	9.3	13.9
68	5.0	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 96.87 ng
RT: 9.45 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BG024569.D
Acq: 31 Oct 2016 23:18

Tgt Ion:	82	Resp:	1072701
Ion	Ratio	Lower	Upper
82	100		
128	34.2	26.4	39.6
54	56.4	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG024569.D

Acq: 31 Oct 2016 23:18

Instrument :

BNA_G

ClientSampleId :

GW-9

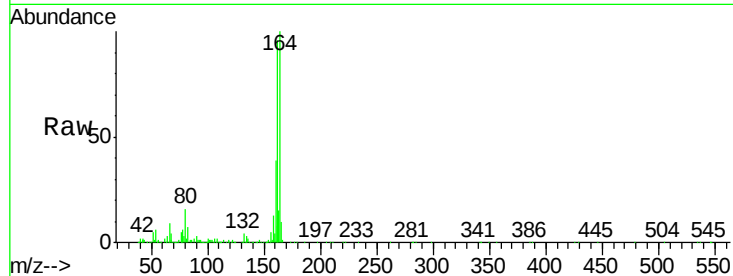
Tgt Ion:164 Resp: 394759

Ion Ratio Lower Upper

164 100

162 96.2 85.1 127.7

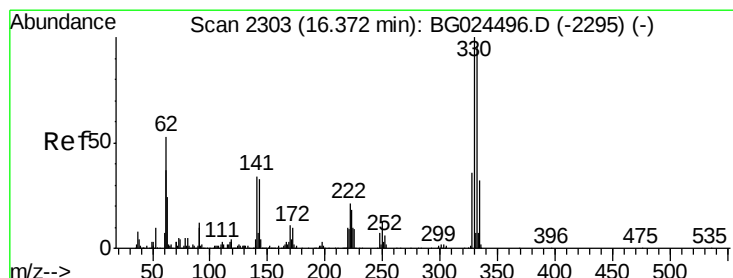
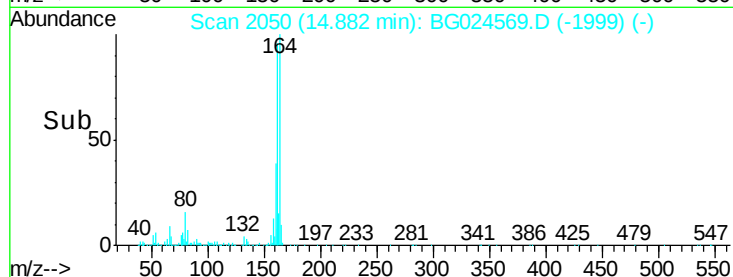
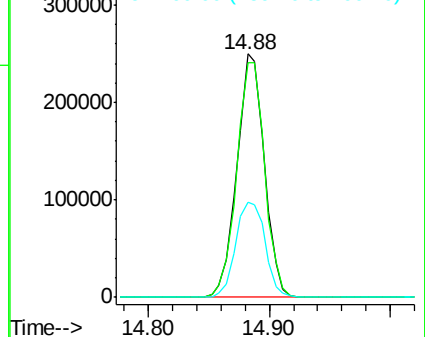
160 39.0 34.7 52.1



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: 137.17 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024569.D

Acq: 31 Oct 2016 23:18

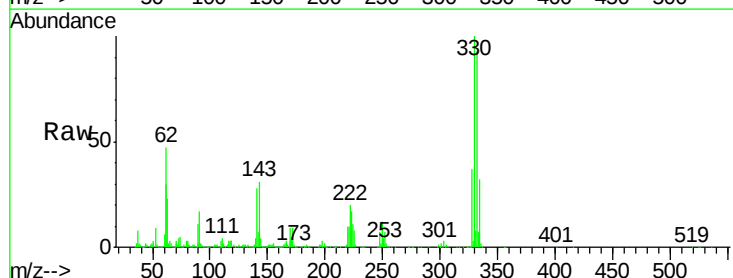
Tgt Ion:330 Resp: 808976

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

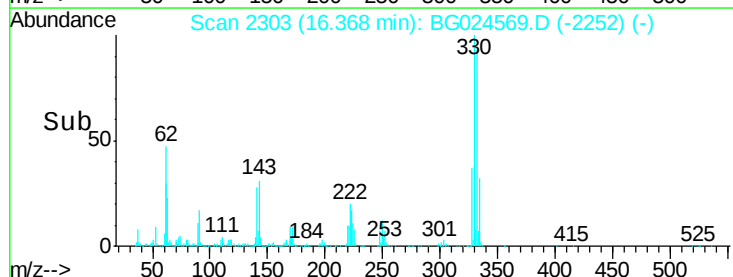
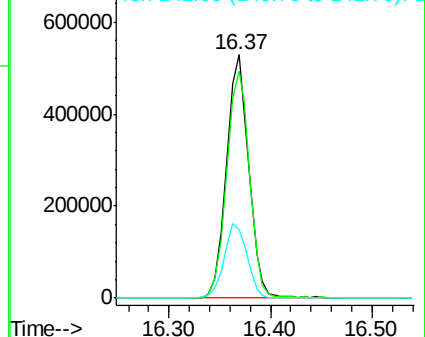
141 31.6 32.1 48.1#



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: 90.87 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BG024569.D

Acq: 31 Oct 2016 23:18

Instrument :

BNA_G

ClientSampleId :

GW-9

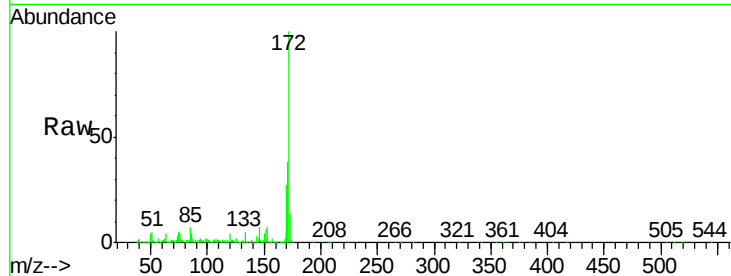
Tgt Ion:172 Resp: 2158351

Ion Ratio Lower Upper

172 100

171 38.5 32.2 48.2

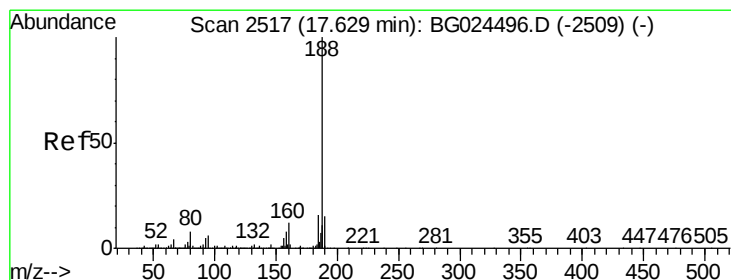
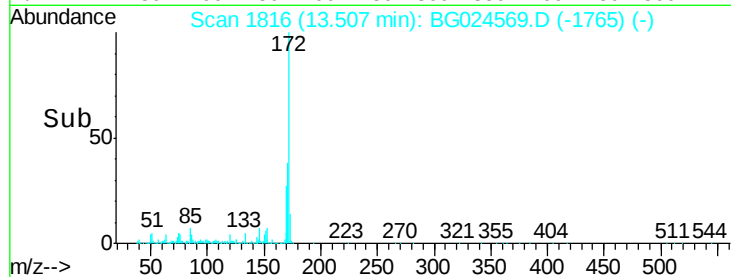
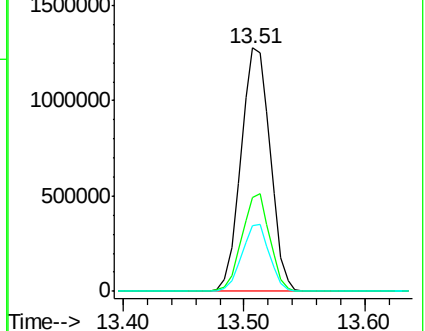
170 26.8 21.8 32.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024569.D

Acq: 31 Oct 2016 23:18

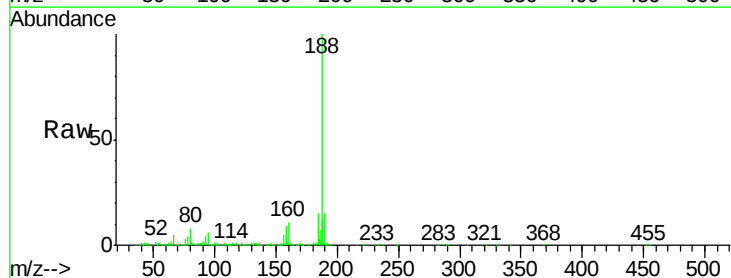
Tgt Ion:188 Resp: 825850

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

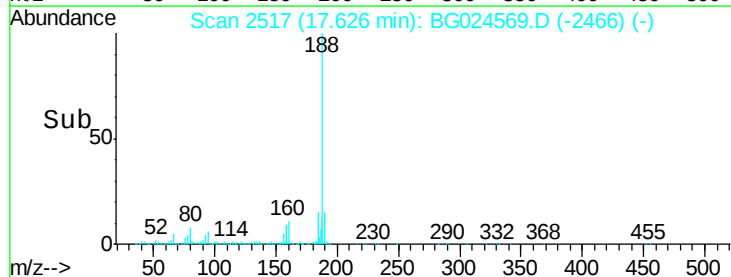
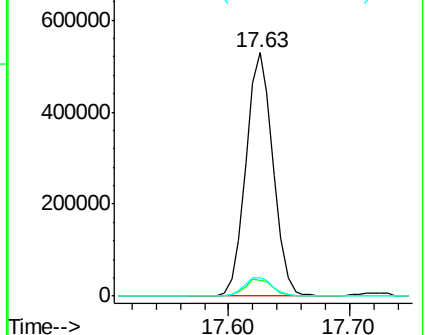
80 7.6 7.5 11.3

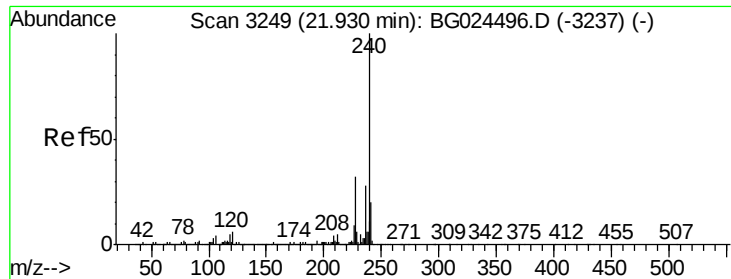


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3248

Delta R.T. -0.00 min

Lab File: BG024569.D

Acq: 31 Oct 2016 23:18

Instrument :

BNA_G

ClientSampleId :

GW-9

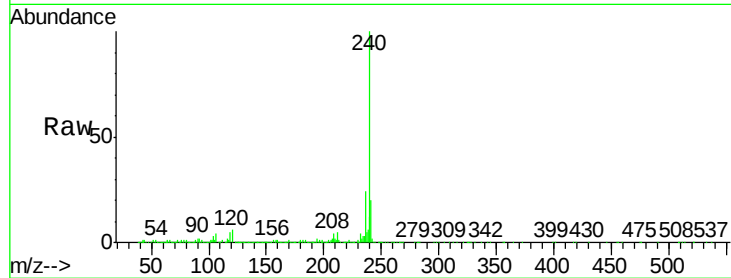
Tgt Ion:240 Resp: 1089980

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

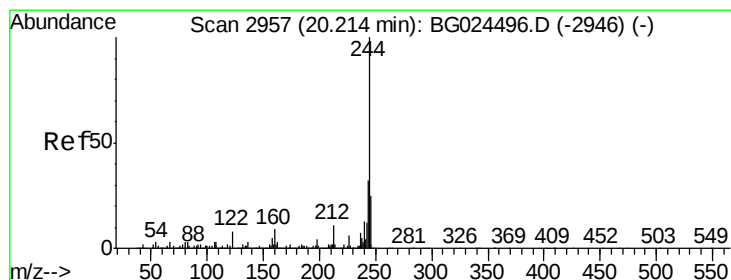
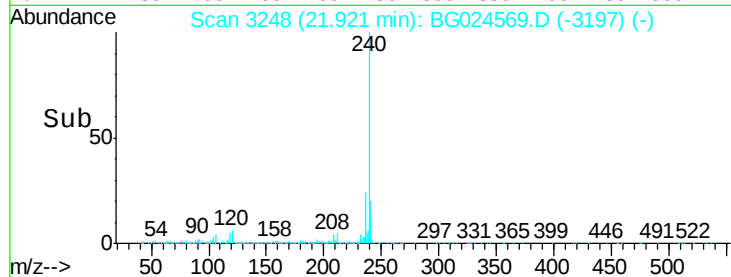
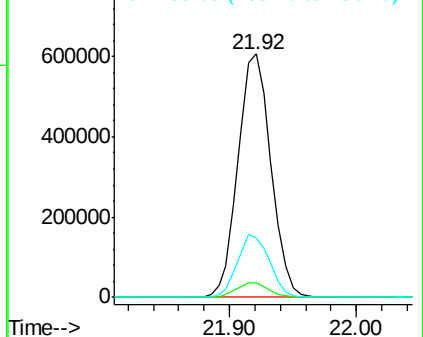
236 24.4 22.2 33.4



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: 91.08 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG024569.D

Acq: 31 Oct 2016 23:18

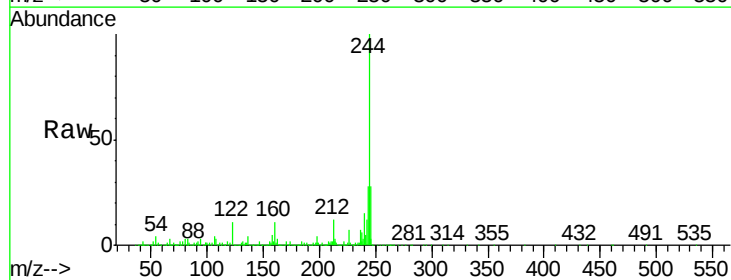
Tgt Ion:244 Resp: 3322404

Ion Ratio Lower Upper

244 100

212 11.9 10.0 15.0

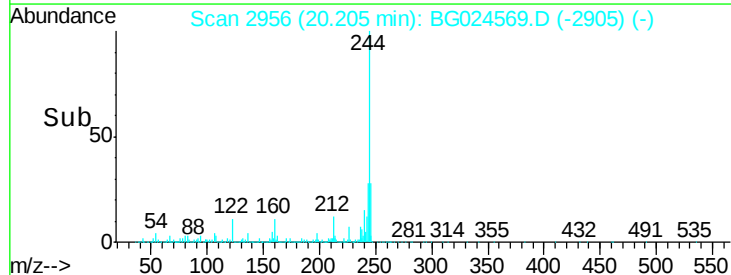
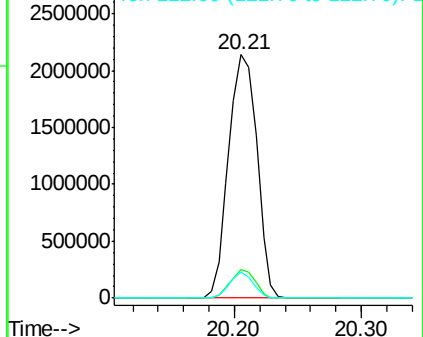
122 10.7 8.6 12.8

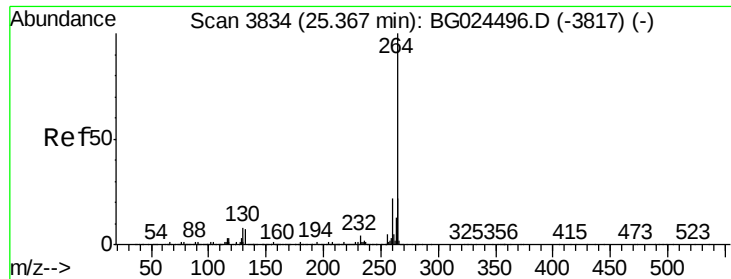


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3832
Delta R.T. -0.01 min
Lab File: BG024569.D
Acq: 31 Oct 2016 23:18

Instrument :
BNA_G
ClientSampleId :
GW-9

Tgt Ion:264 Resp: 1151237

Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.8	32.8
265	22.8	18.2	27.4

