

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021649.D
 Acq On : 14 Apr 2016 12:11
 Operator : UM/SJ
 Sample : H2418-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GMW-5

Quant Time: Apr 15 12:28:43 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

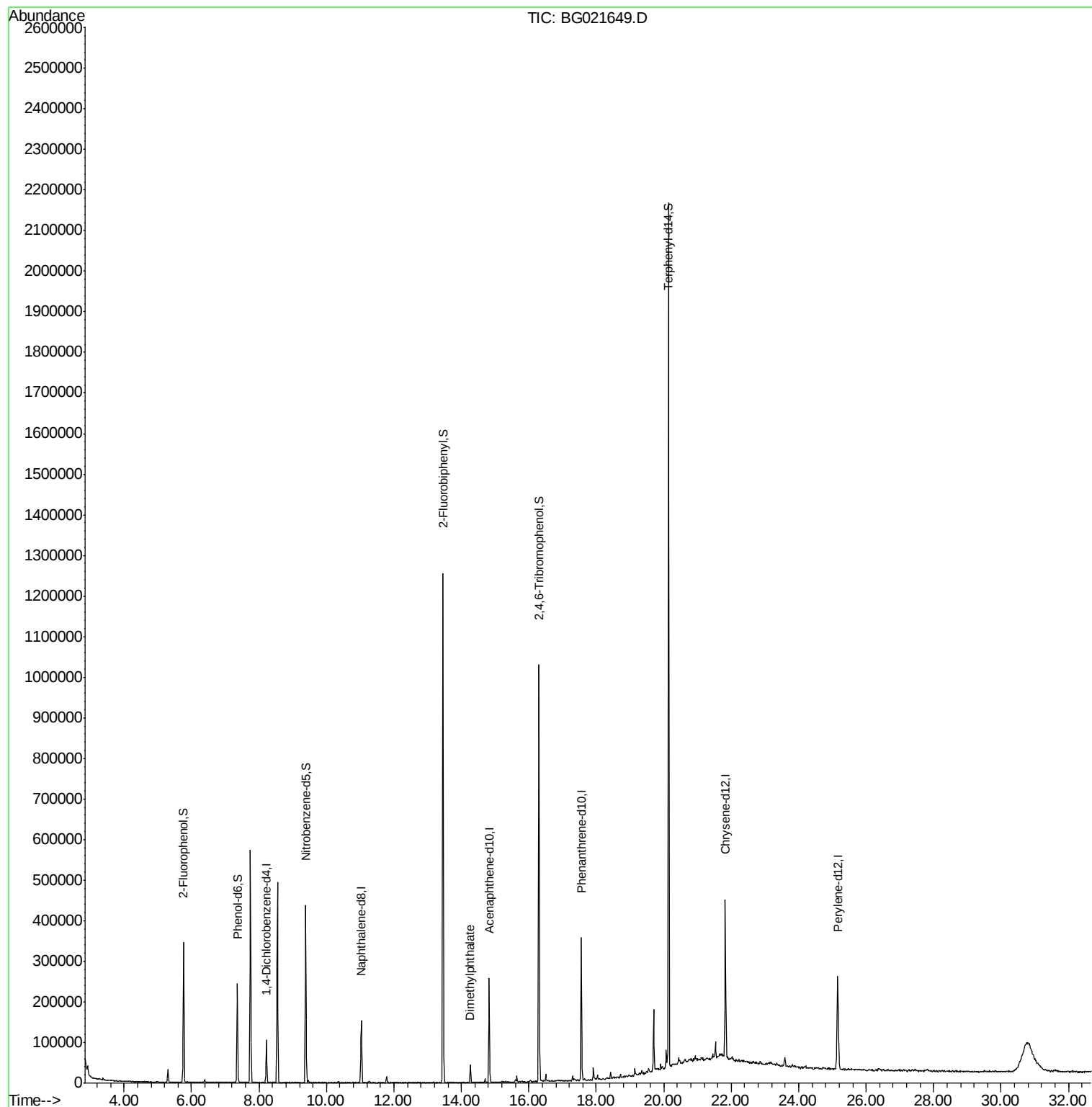
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	29754	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	134559	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	88322	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	211754	20.00	ng	0.00
75) Chrysene-d12	21.83	240	246022	20.00	ng	0.00
86) Perylene-d12	25.16	264	239891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	148558	83.14	ng	0.00
7) Phenol-d6	7.36	99	140084	52.49	ng	0.00
23) Nitrobenzene-d5	9.38	82	275350	105.18	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	174640	183.47	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	651589	108.09	ng	0.00
78) Terphenyl-d14	20.15	244	881966	89.45	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	27818	3.64	ng	Qvalue 99

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

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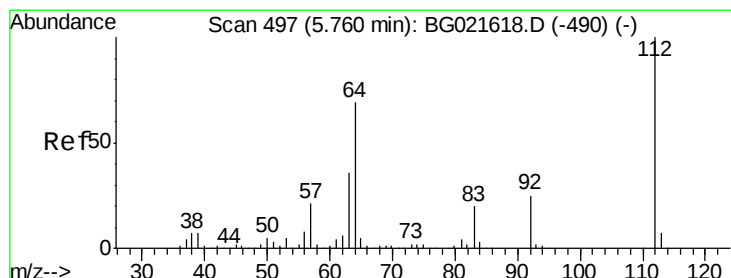
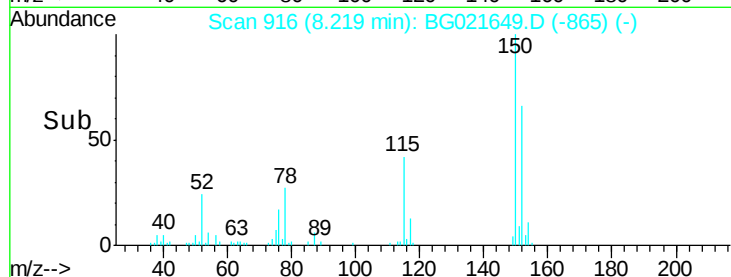
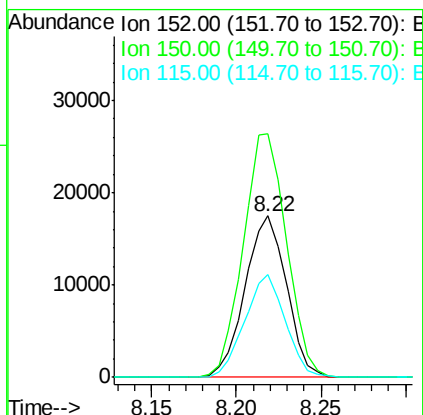
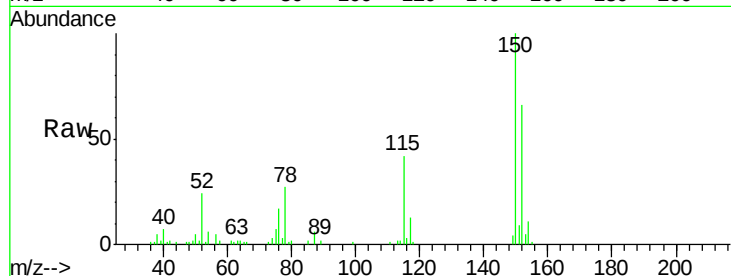


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG021649.D
Acq: 14 Apr 2016 12:11

Instrument :
BNA_G
ClientSampleId :
GMW-5

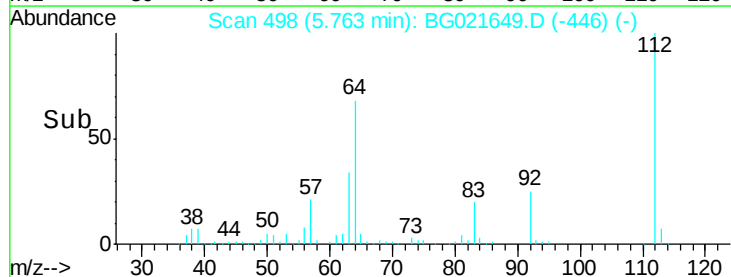
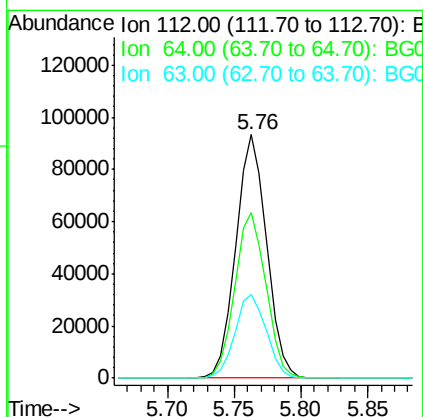
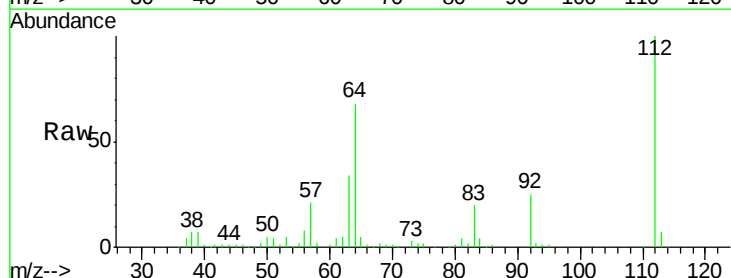
Tgt Ion:152 Resp: 29754
Ion Ratio Lower Upper
152 100
150 150.8 130.1 195.1
115 63.5 62.2 93.2

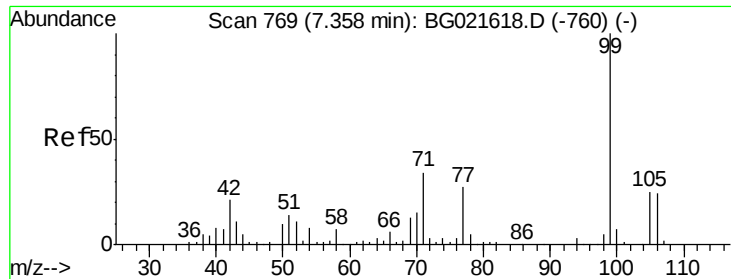


#5

2-Fluorophenol
Concen: 83.14 ng
RT: 5.76 min Scan# 498
Delta R.T. 0.00 min
Lab File: BG021649.D
Acq: 14 Apr 2016 12:11

Tgt Ion:112 Resp: 148558
Ion Ratio Lower Upper
112 100
64 68.2 51.1 76.7
63 34.2 24.6 37.0





#7

Phenol-d6

Concen: 52.49 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG021649.D

Acq: 14 Apr 2016 12:11

Instrument :

BNA_G

ClientSampled :

GMW-5

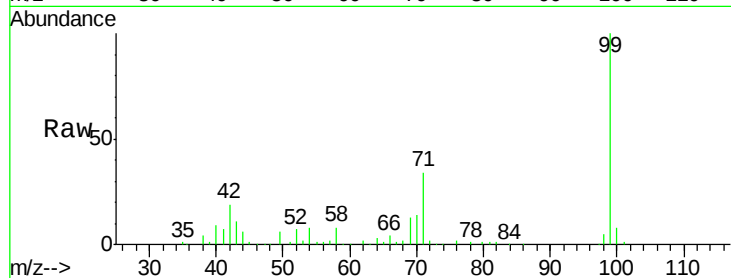
Tgt Ion: 99 Resp: 140084

Ion Ratio Lower Upper

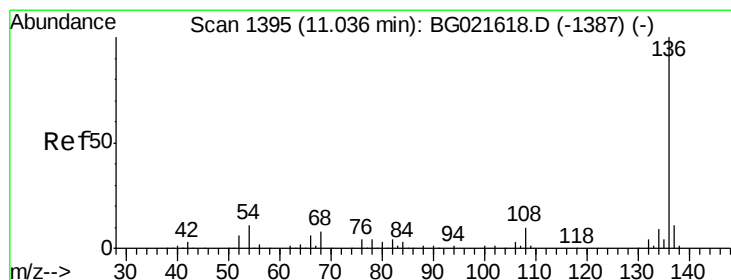
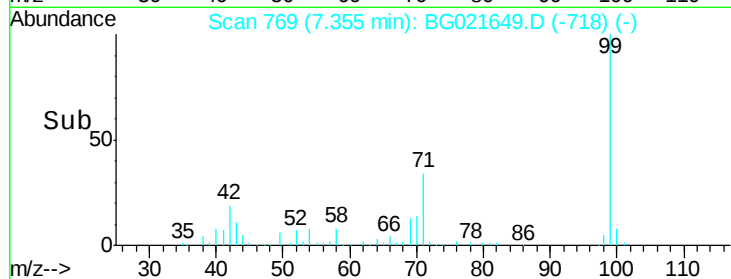
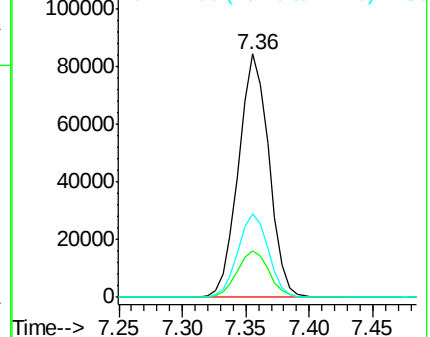
99 100

42 19.2 16.4 24.6

71 34.2 25.0 37.4



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: 11.03 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021649.D

Acq: 14 Apr 2016 12:11

Tgt Ion: 136 Resp: 134559

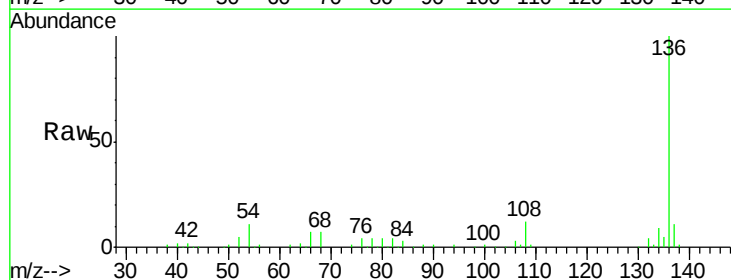
Ion Ratio Lower Upper

136 100

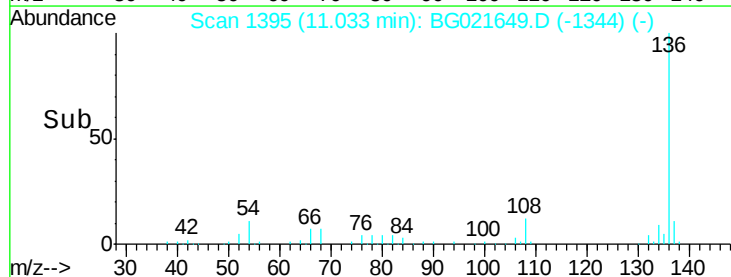
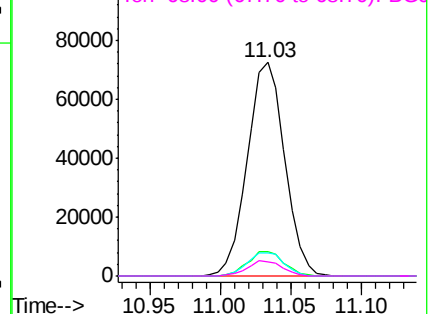
137 11.3 9.0 13.4

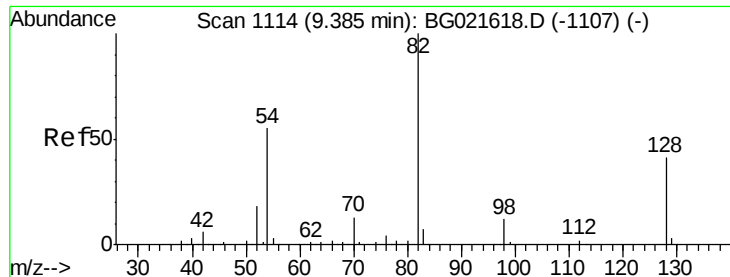
54 10.8 9.6 14.4

68 6.7 6.4 9.6



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

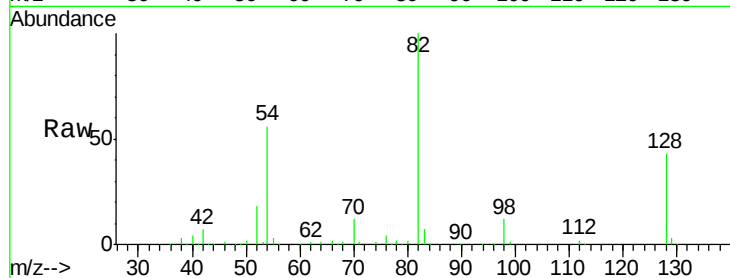




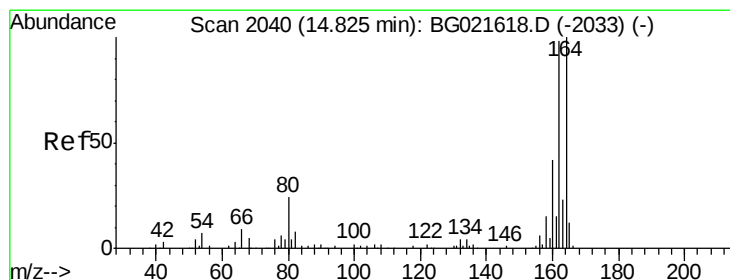
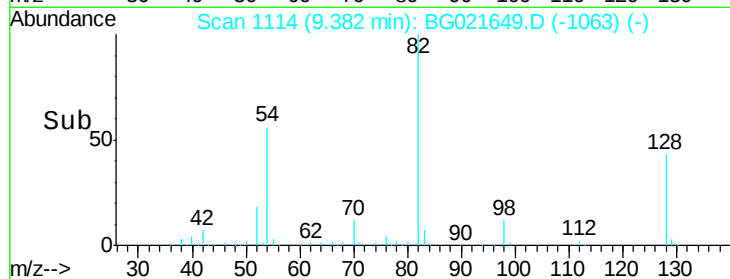
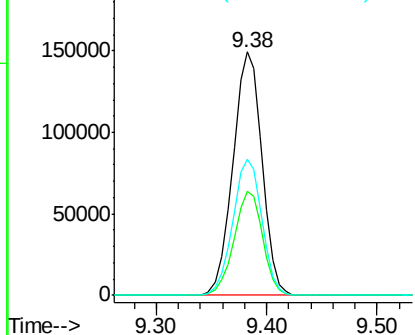
#23
Nitrobenzene-d5
Concen: 105.18 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021649.D
Acq: 14 Apr 2016 12:11

Instrument :
BNA_G
ClientSampleId :
GMW-5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.4	50.0
54	56.1	46.1	69.1

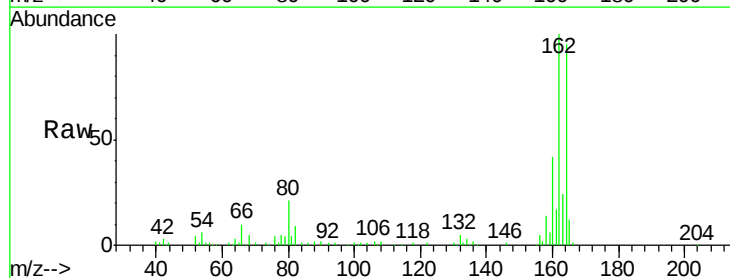


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

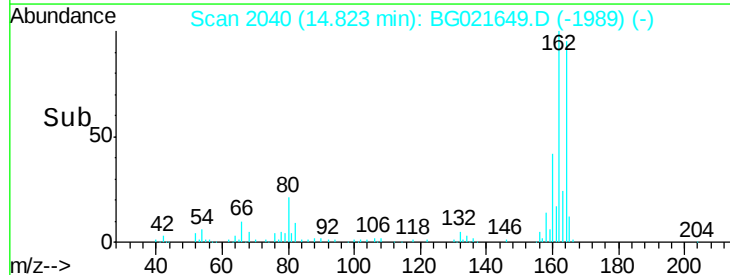
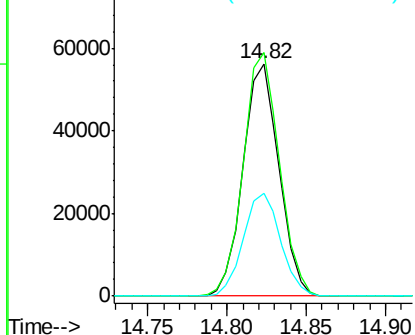


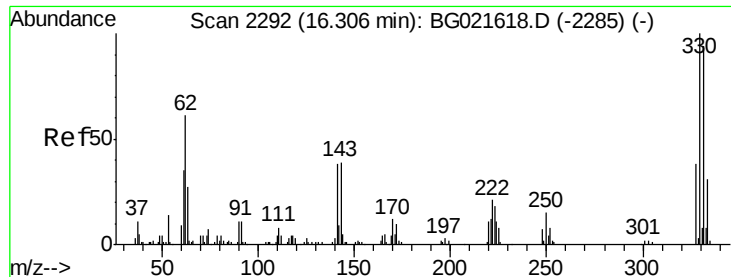
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021649.D
Acq: 14 Apr 2016 12:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.0	117.0
160	44.1	32.9	49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 183.47 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG021649.D

Acq: 14 Apr 2016 12:11

Instrument :

BNA_G

ClientSampleId :

GMW-5

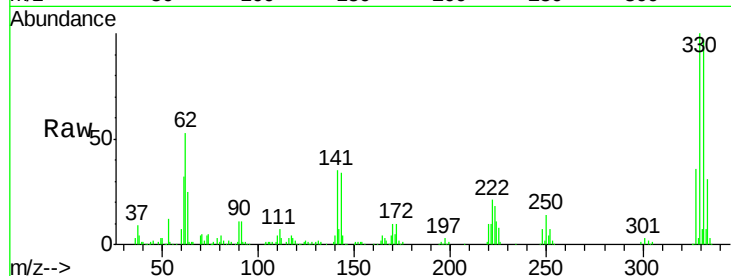
Tgt Ion:330 Resp: 174640

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

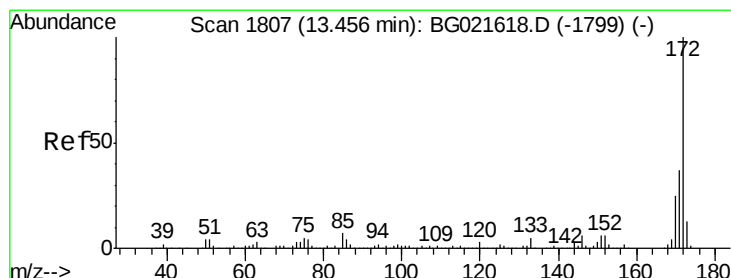
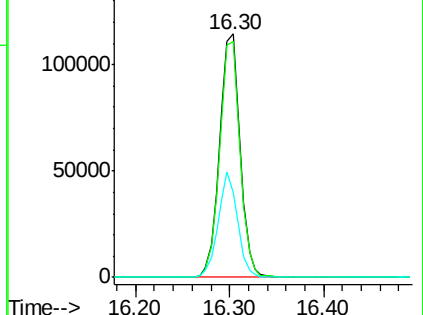
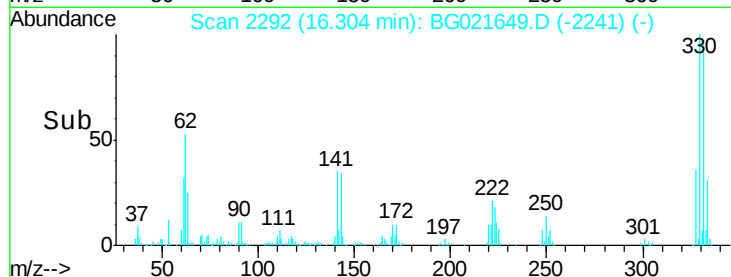
141 40.7 33.8 50.8



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: 108.09 ng

RT: 13.45 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BG021649.D

Acq: 14 Apr 2016 12:11

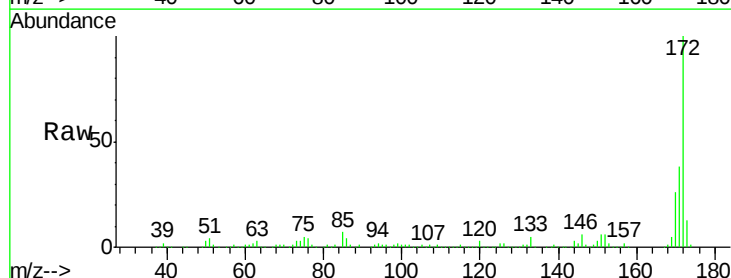
Tgt Ion:172 Resp: 651589

Ion Ratio Lower Upper

172 100

171 38.1 27.8 41.6

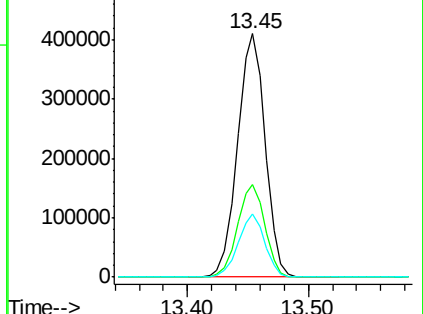
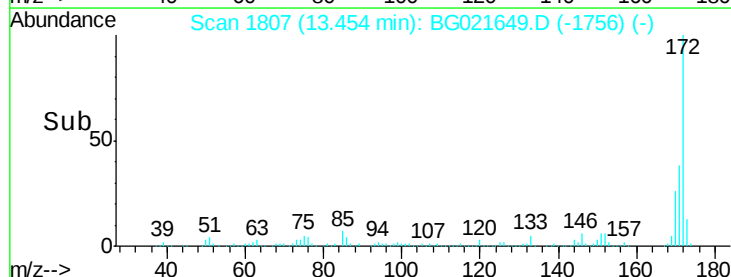
170 25.7 19.6 29.4

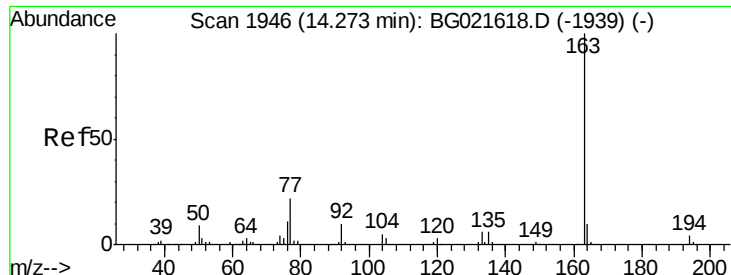


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.64 ng

RT: 14.26 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG021649.D

Acq: 14 Apr 2016 12:11

Instrument :

BNA_G

ClientSampled :

GMW-5

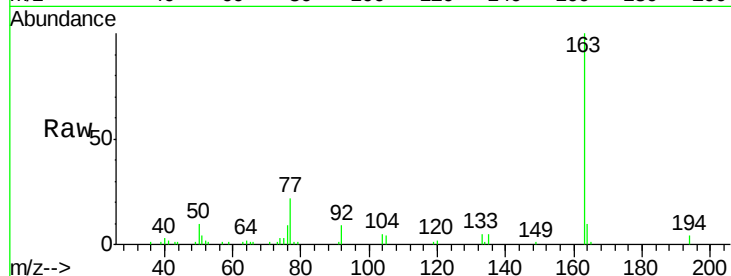
Tgt Ion:163 Resp: 27818

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

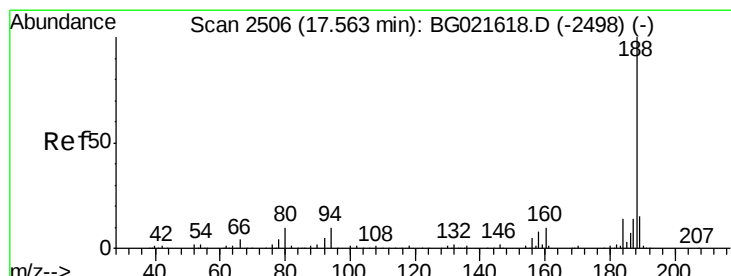
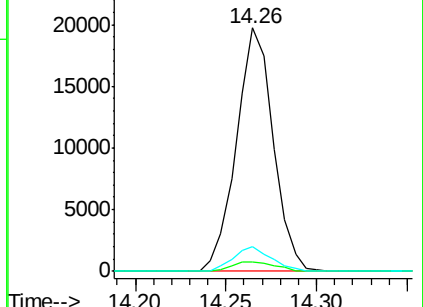
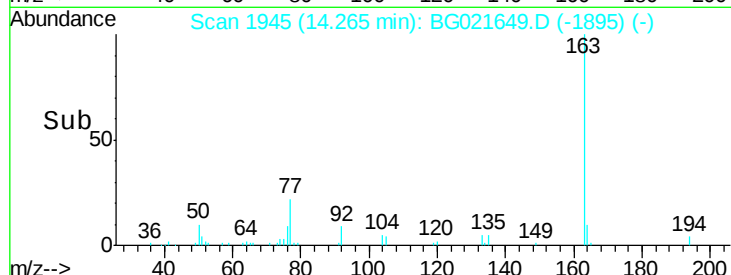
164 10.4 8.1 12.1



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: 17.56 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021649.D

Acq: 14 Apr 2016 12:11

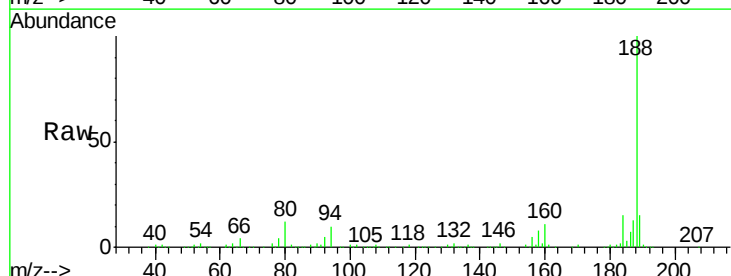
Tgt Ion:188 Resp: 211754

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

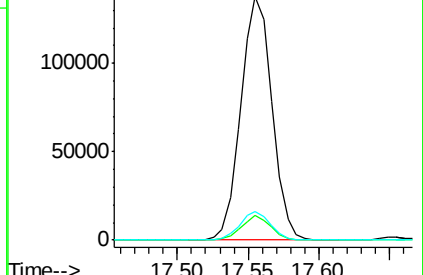
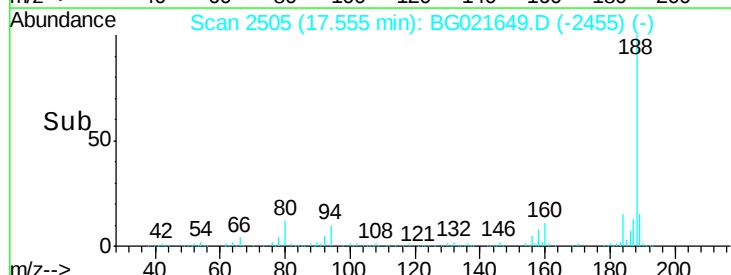
80 12.0 8.6 13.0

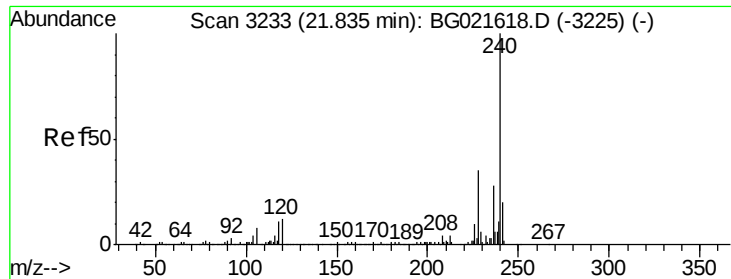


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

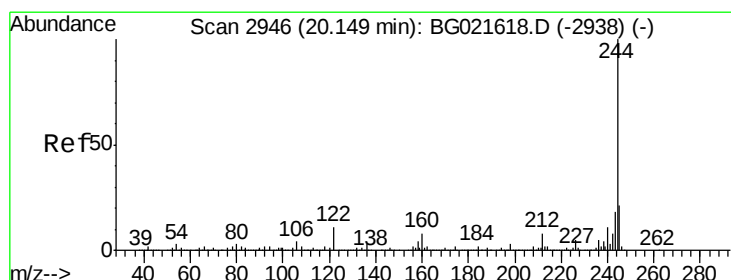
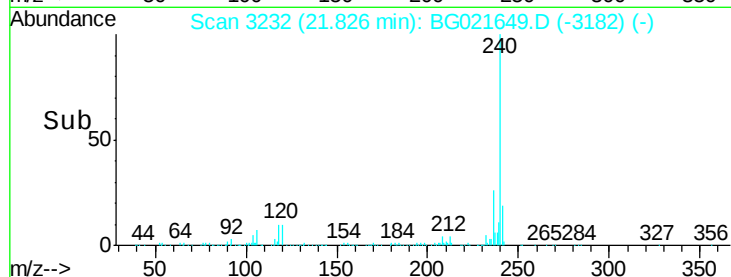
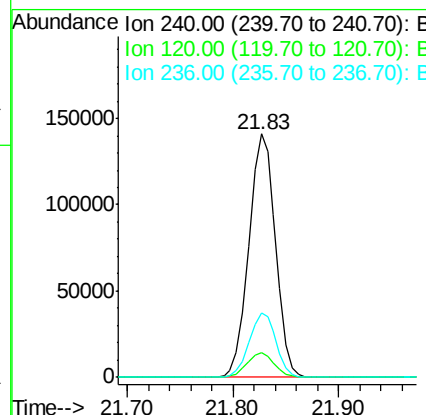
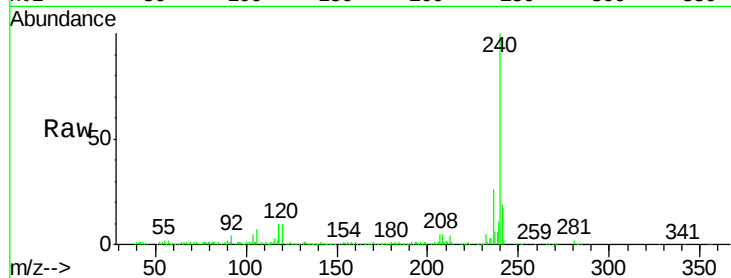




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021649.D
Acq: 14 Apr 2016 12:11

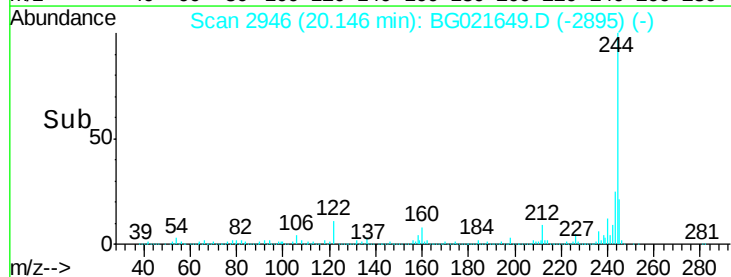
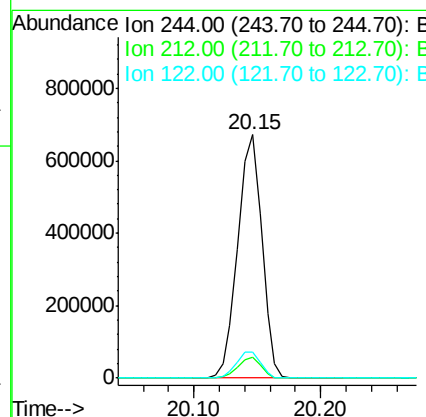
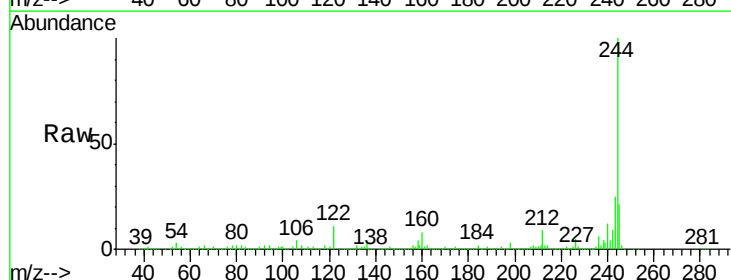
Instrument :
BNA_G
ClientSampleId :
GMW-5

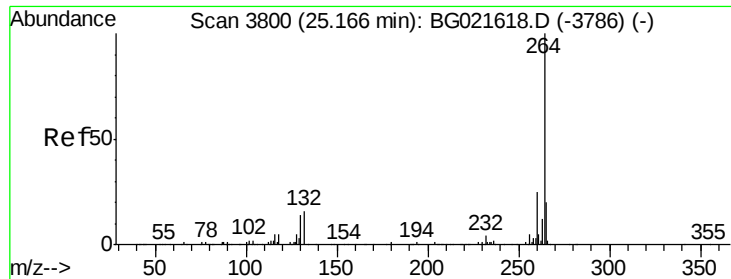
Tgt Ion:240 Resp: 246022
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 26.3 19.6 29.4



#78
Terphenyl-d14
Concen: 89.45 ng
RT: 20.15 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BG021649.D
Acq: 14 Apr 2016 12:11

Tgt Ion:244 Resp: 881966
Ion Ratio Lower Upper
244 100
212 8.7 6.5 9.7
122 10.5 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BG021649.D
Acq: 14 Apr 2016 12:11

Instrument :
BNA_G
ClientSampleId :
GMW-5

Tgt Ion:	264	Resp:	239891
Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.2	30.4
265	21.2	17.8	26.8

