

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025765.D
 Acq On : 2 Feb 2017 19:40
 Operator : SJ/MA
 Sample : PB96668BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96668BL

Quant Time: Feb 03 01:19:16 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	79480	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	334642	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	256170	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	578094	20.00	ng	0.00
75) Chrysene-d12	21.83	240	718843	20.00	ng	0.00
86) Perylene-d12	25.21	264	711394	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	620009	139.81	ng	0.00
7) Phenol-d6	7.33	99	903120	139.43	ng	0.00
23) Nitrobenzene-d5	9.35	82	641187	80.96	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	438191	119.94	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1365489	86.57	ng	0.00
78) Terphenyl-d14	20.12	244	2285610	76.74	ng	0.00

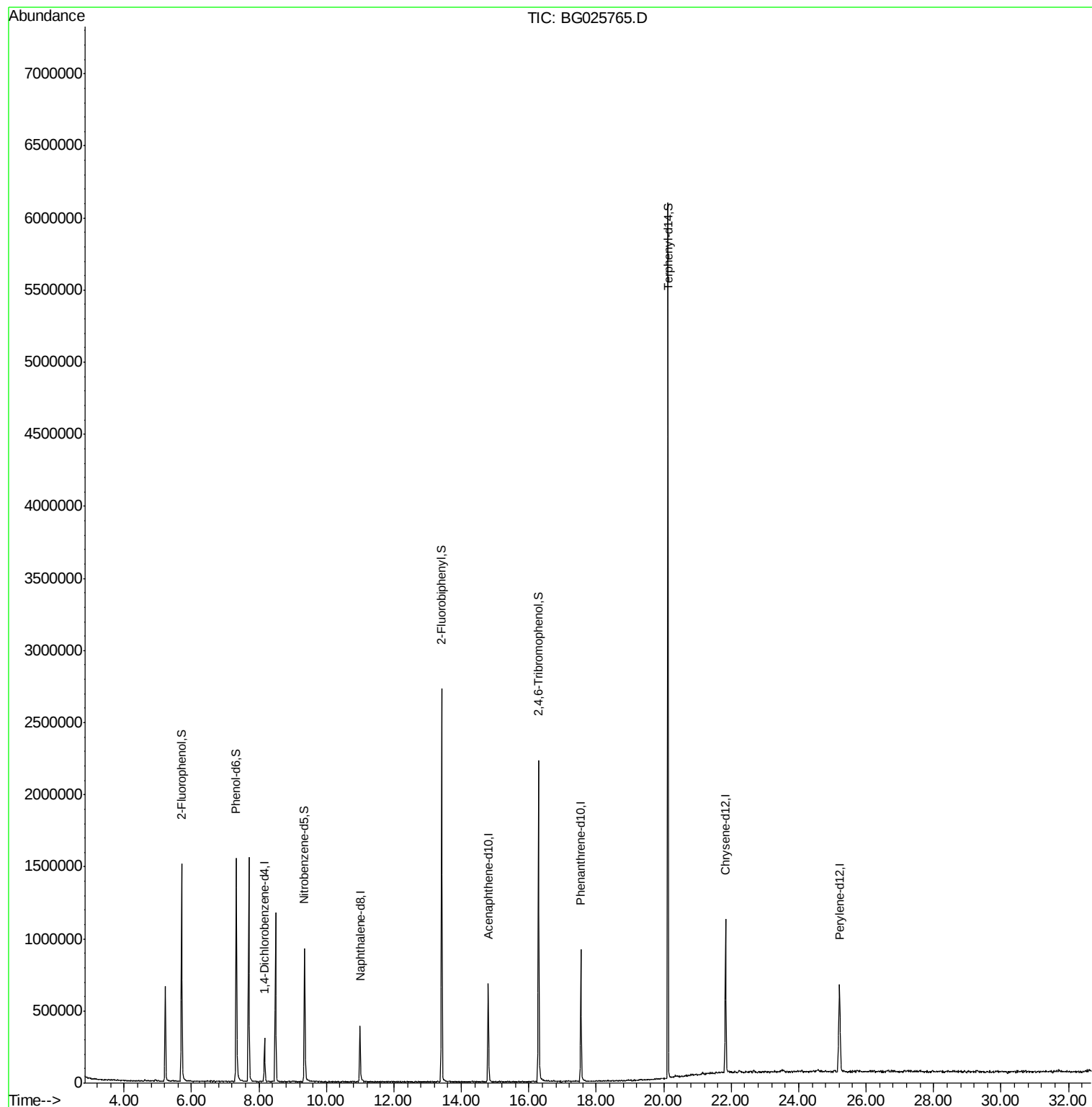
Target Compounds Qvalue

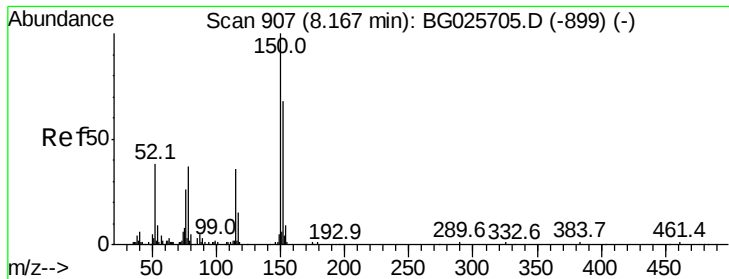
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
Data File : BG025765.D
Acq On : 2 Feb 2017 19:40
Operator : SJ/MA
Sample : PB96668BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB96668BL

Quant Time: Feb 03 01:19:16 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

Instrument :

BNA_G

ClientSampleId :

PB96668BL

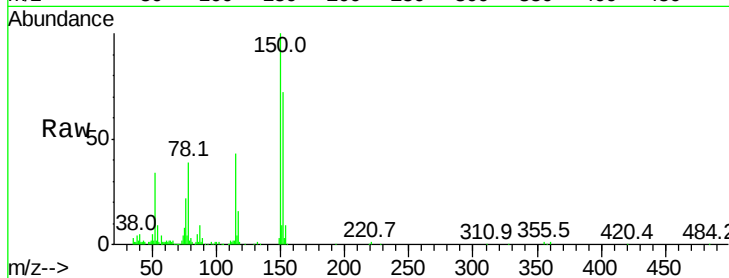
Tot Ion:152 Resp: 79480

Ion Ratio Lower Upper

152 100

150 139.6 114.0 171.0

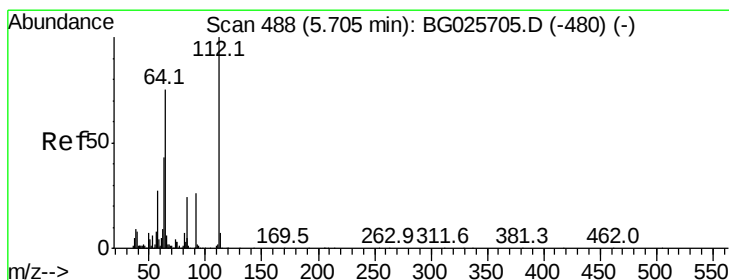
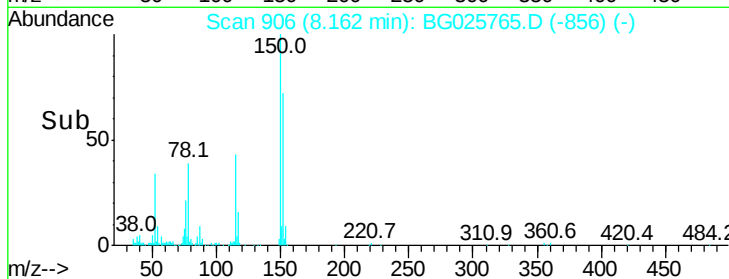
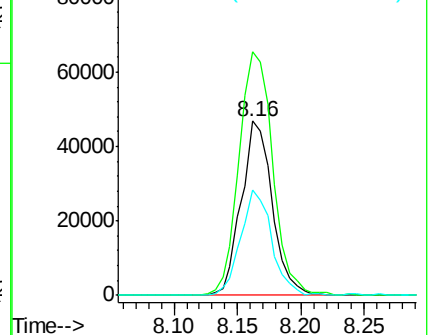
115 60.5 48.1 72.1



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: 139.81 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

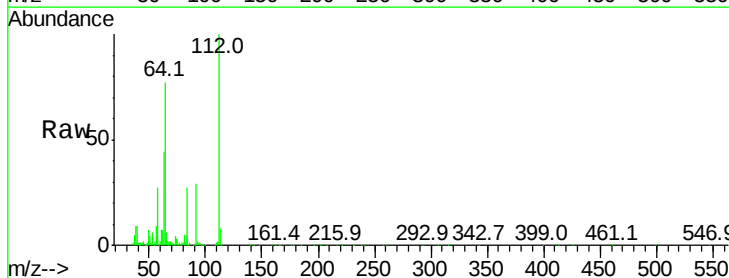
Tgt Ion:112 Resp: 620009

Ion Ratio Lower Upper

112 100

64 76.6 61.8 92.6

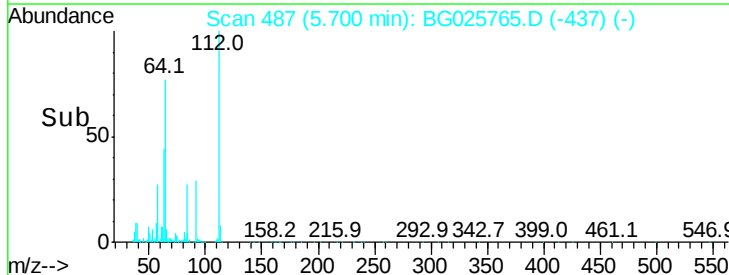
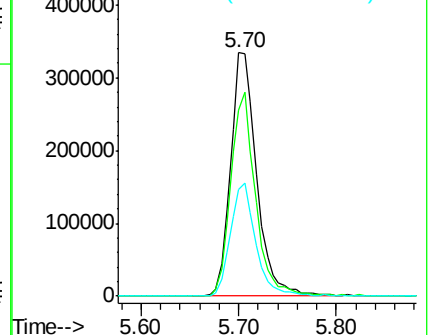
63 43.7 37.2 55.8

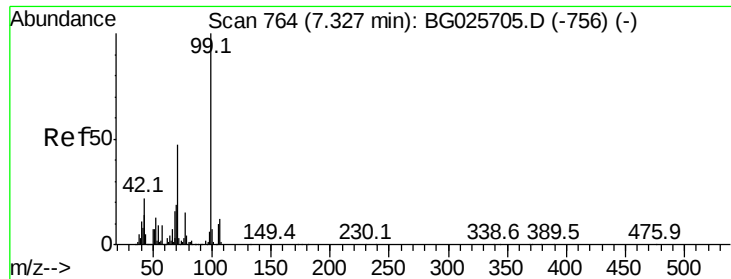


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 139.43 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

Instrument :

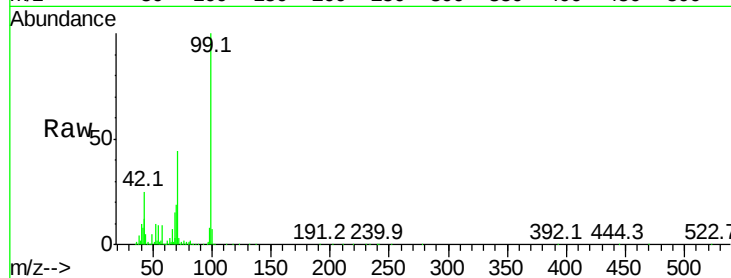
BNA_G

ClientSampleId :

PB96668BL

Tot Ion: 99 Resp: 903120

Ion	Ratio	Lower	Upper
99	100		
42	24.9	20.5	30.7
71	44.3	37.6	56.4

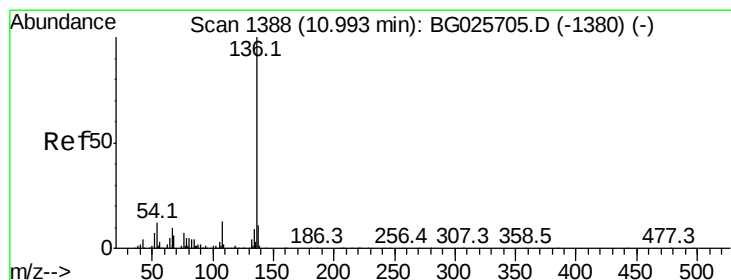
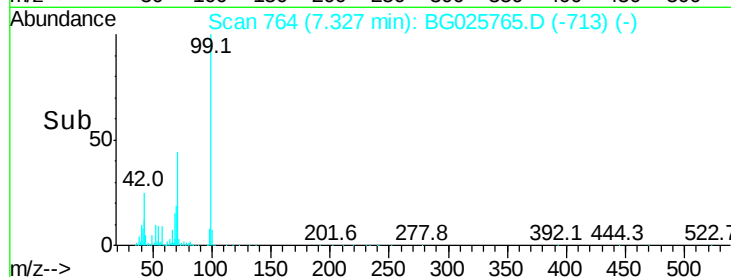
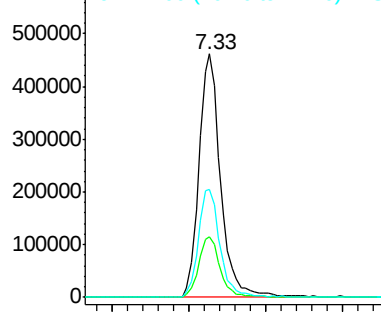


Abundance

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: 10.99 min Scan# 1388

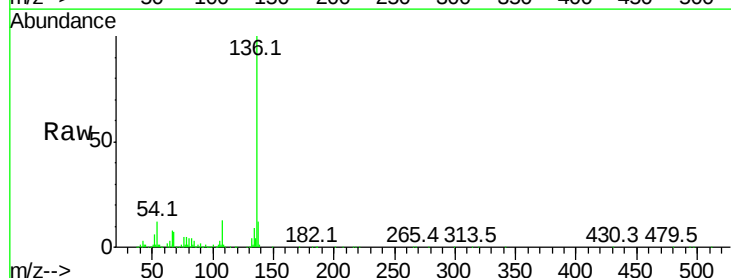
Delta R.T. 0.00 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

Tgt Ion: 136 Resp: 334642

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	12.4	9.3	13.9
68	7.0	5.1	7.7



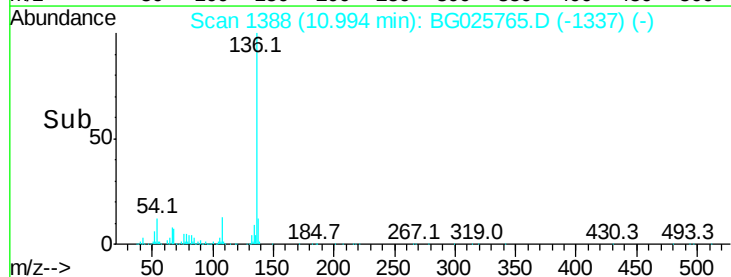
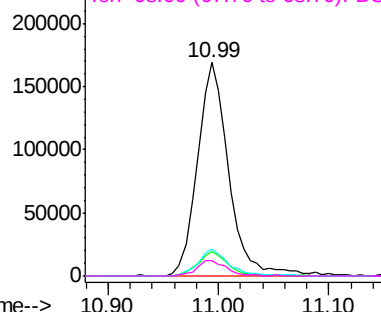
Abundance

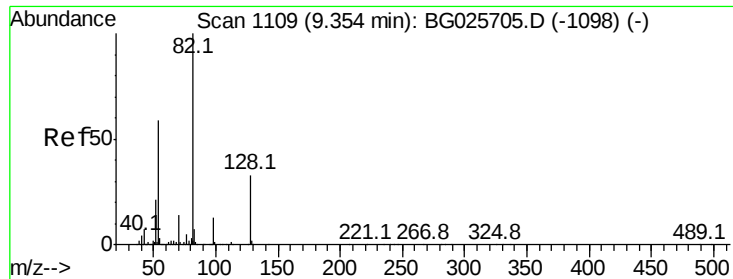
Ion 136.00 (135.70 to 136.70): BGC

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: 80.96 ng

RT: 9.35 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

Instrument :

BNA_G

ClientSampleId :

PB96668BL

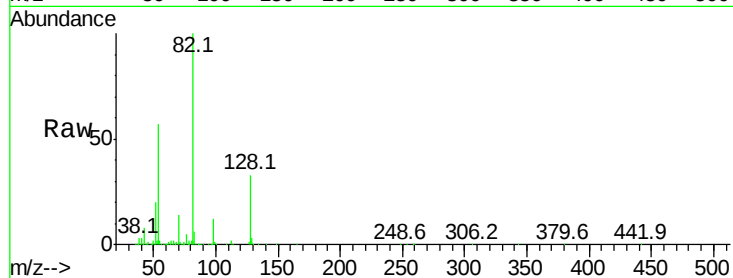
Tot Ion: 82 Resp: 641187

Ion Ratio Lower Upper

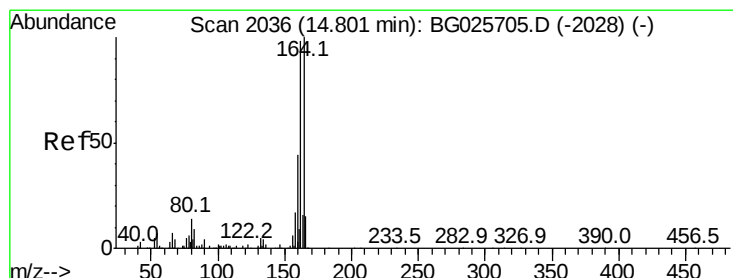
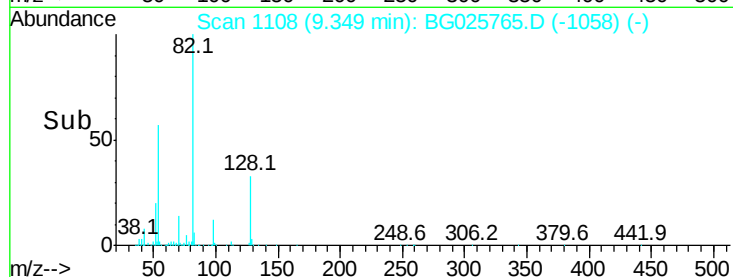
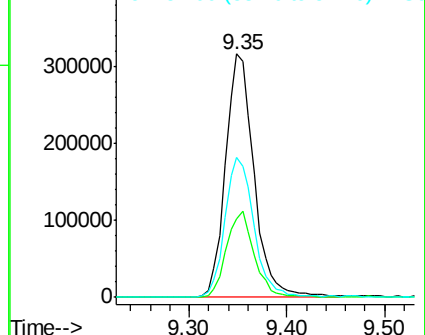
82 100

128 32.5 26.4 39.6

54 57.3 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: 14.80 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

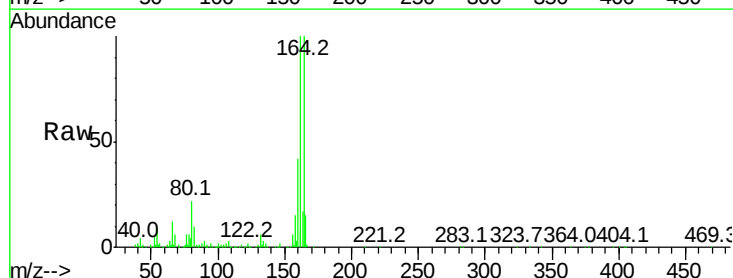
Tgt Ion: 164 Resp: 256170

Ion Ratio Lower Upper

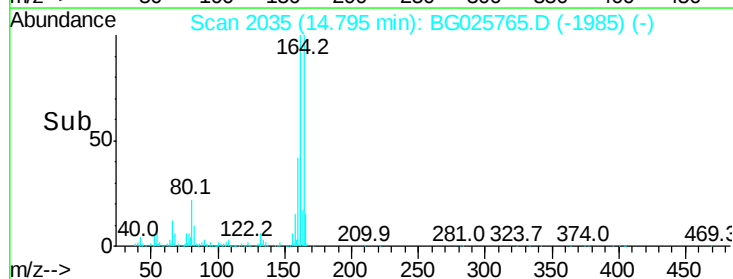
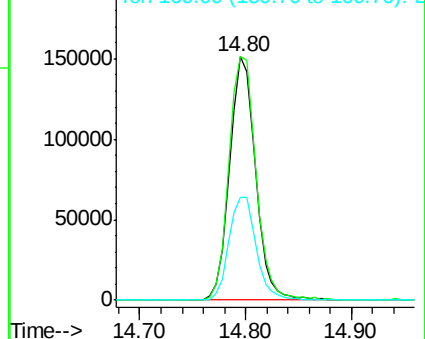
164 100

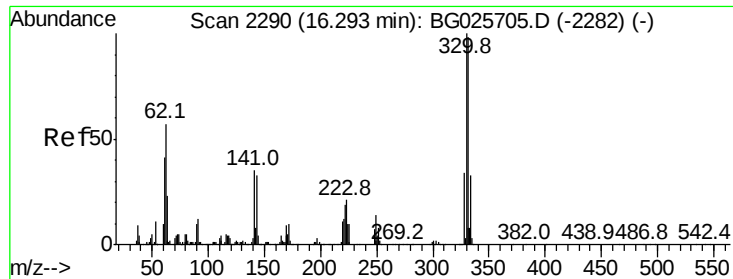
162 100.2 85.1 127.7

160 42.3 34.7 52.1



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

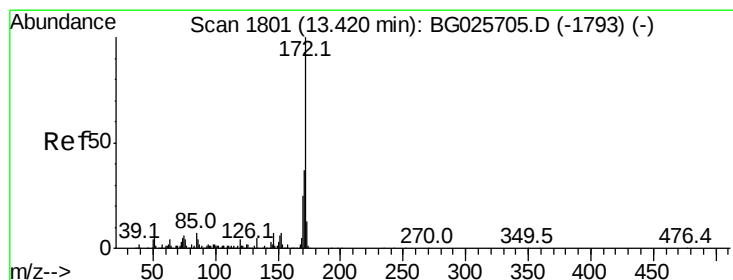
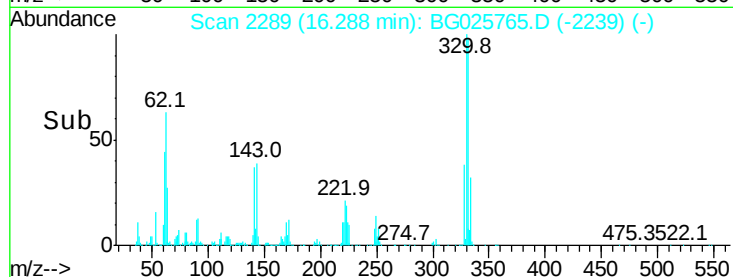
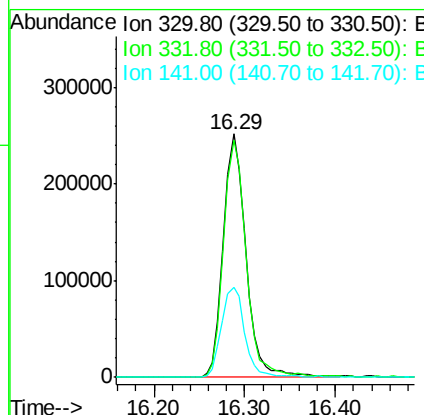
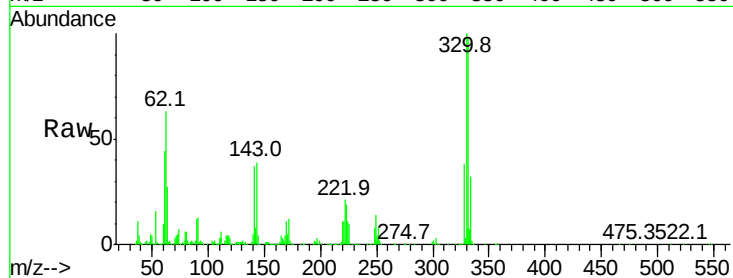




#41
 2,4,6-Tribromophenol
 Concen: 119.94 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG025765.D
 Acq: 2 Feb 2017 19:40

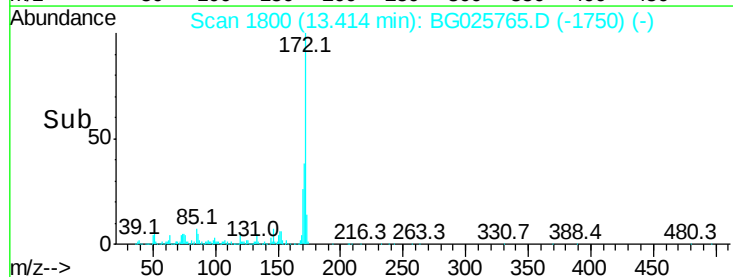
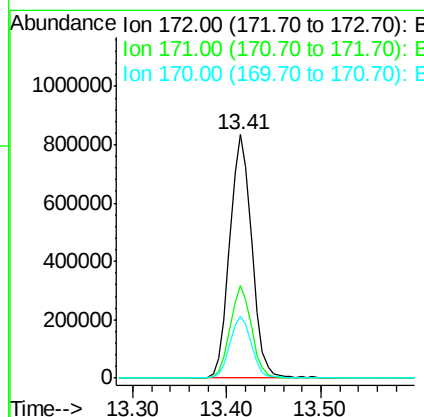
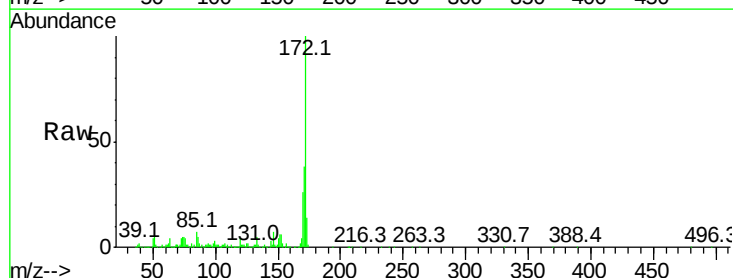
Instrument :
 BNA_G
 ClientSampleId :
 PB96668BL

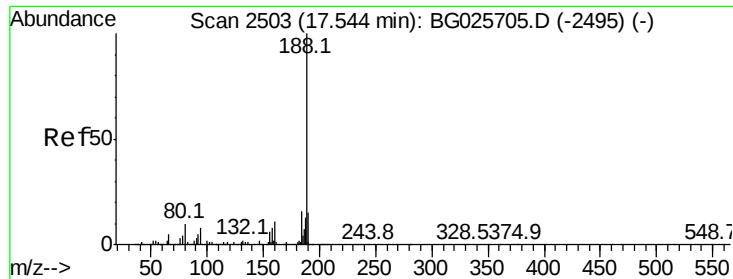
Tot Ion:330 Resp: 438191
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 38.2 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 86.57 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG025765.D
 Acq: 2 Feb 2017 19:40

Tgt Ion:172 Resp: 1365489
 Ion Ratio Lower Upper
 172 100
 171 38.2 32.2 48.2
 170 25.6 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

Instrument :

BNA_G

ClientSampleId :

PB96668BL

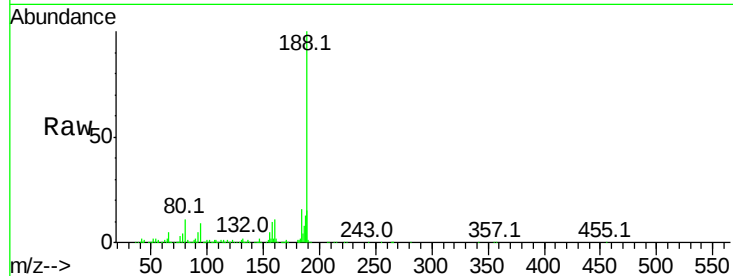
Tot Ion:188 Resp: 578094

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

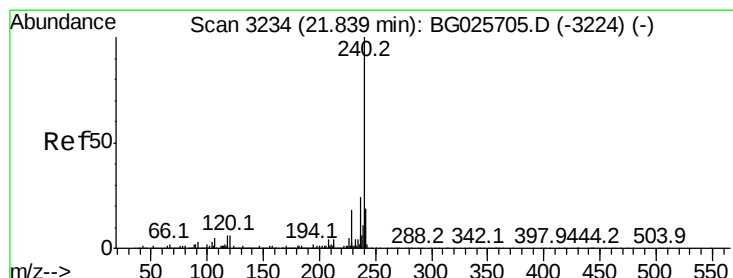
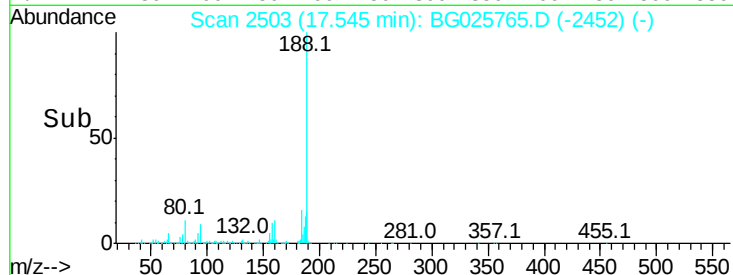
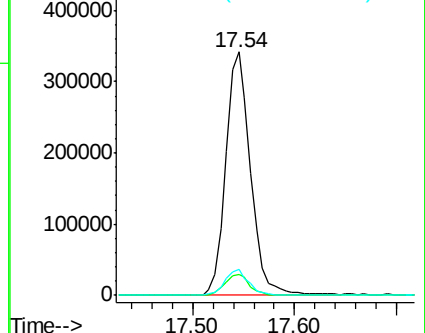
80 10.9 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

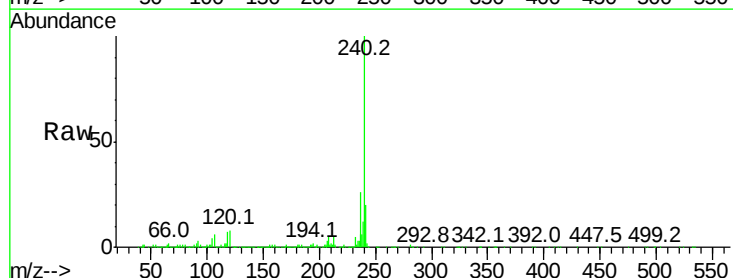
Tgt Ion:240 Resp: 718843

Ion Ratio Lower Upper

240 100

120 8.1 5.7 8.5

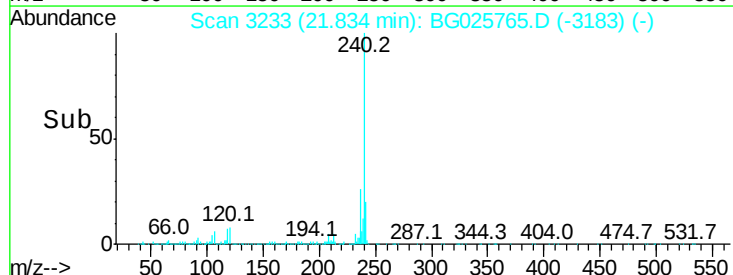
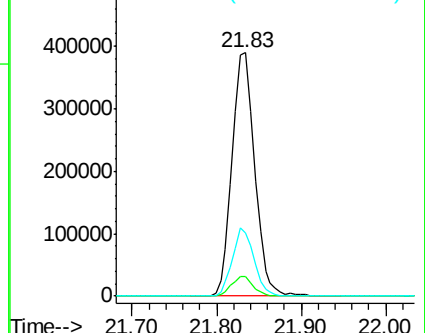
236 25.9 22.2 33.4

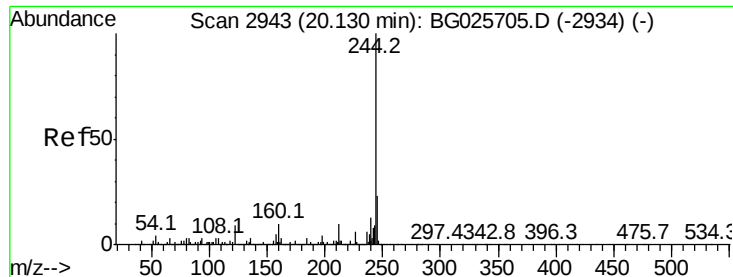


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.74 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

Instrument :

BNA_G

ClientSampleId :

PB96668BL

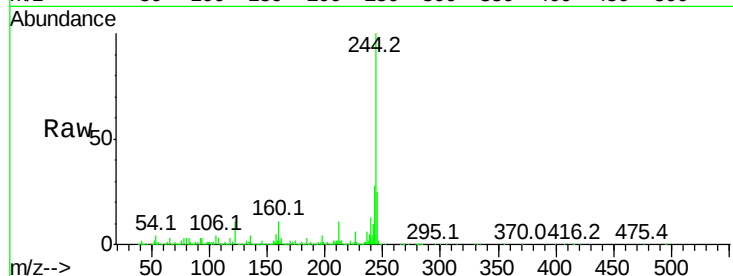
Tot Ion:244 Resp: 2285610

Ion	Ratio	Lower	Upper
244	100		
212	11.2	10.0	15.0
122	10.8	8.6	12.8

244 100

212 11.2 10.0 15.0

122 10.8 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

20.12

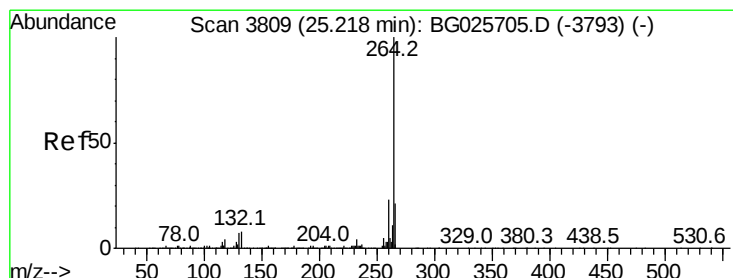
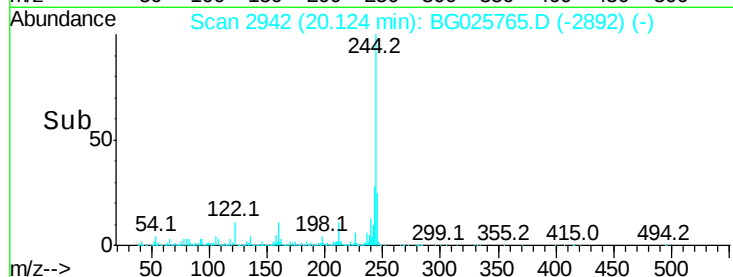
1500000

1000000

500000

0

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. -0.01 min

Lab File: BG025765.D

Acq: 2 Feb 2017 19:40

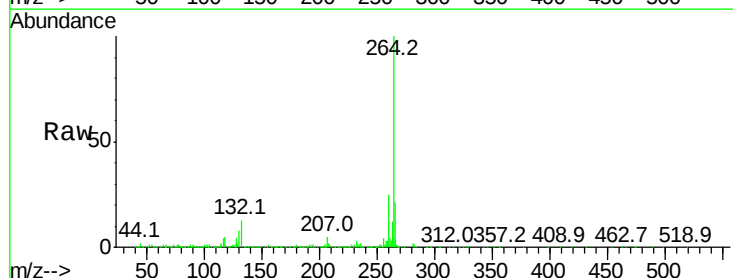
Tgt Ion:264 Resp: 711394

Ion	Ratio	Lower	Upper
264	100		
260	25.5	21.8	32.8
265	20.7	18.2	27.4

264 100

260 25.5 21.8 32.8

265 20.7 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

25.21

300000

250000

200000

150000

100000

50000

0

Time-->

