

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025768.D
 Acq On : 2 Feb 2017 21:37
 Operator : SJ/MA
 Sample : PB96675BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96675BL

Quant Time: Feb 03 01:25:51 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	76830	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	332962	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	263473	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	605748	20.00	ng	0.00
75) Chrysene-d12	21.83	240	743209	20.00	ng	0.00
86) Perylene-d12	25.21	264	739118	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	653839	152.52	ng	0.00
7) Phenol-d6	7.32	99	941723	150.41	ng	0.00
23) Nitrobenzene-d5	9.35	82	668285	84.80	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	473679	126.06	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1403605	86.52	ng	0.00
78) Terphenyl-d14	20.13	244	2433004	79.02	ng	0.00

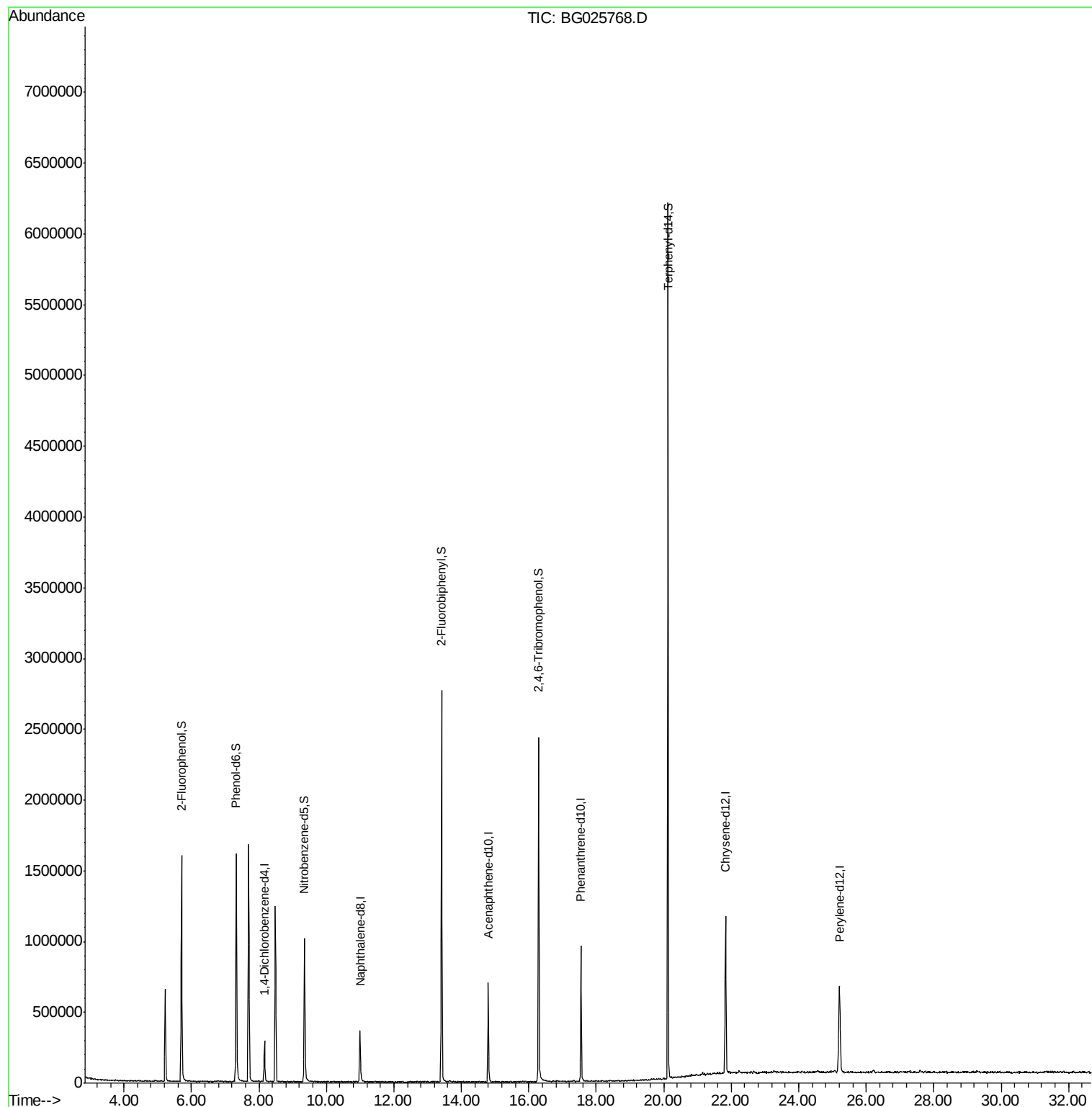
Target Compounds Qvalue

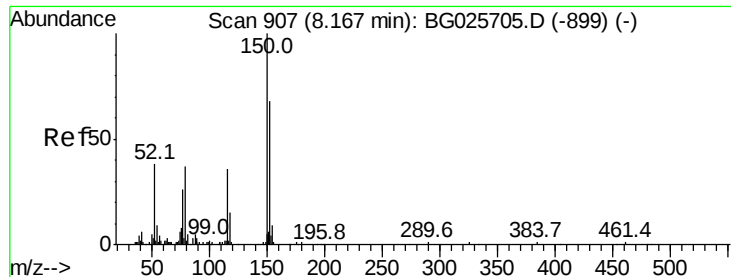
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG025768.D

Acq: 2 Feb 2017 21:37

Instrument :

BNA_G

ClientSampleId :

PB96675BL

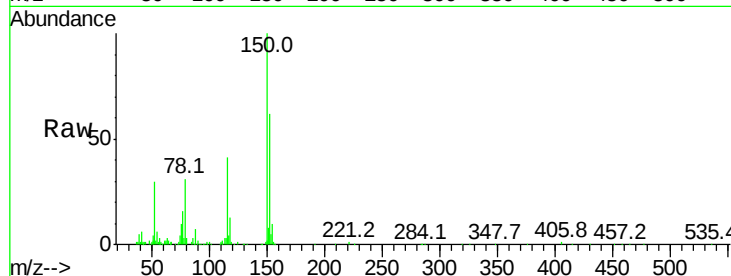
Tot Ion:152 Resp: 76830

Ion Ratio Lower Upper

152 100

150 162.1 114.0 171.0

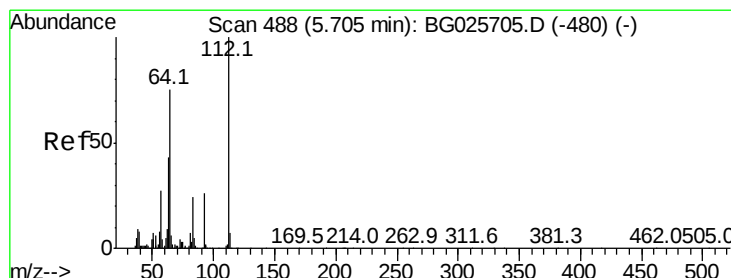
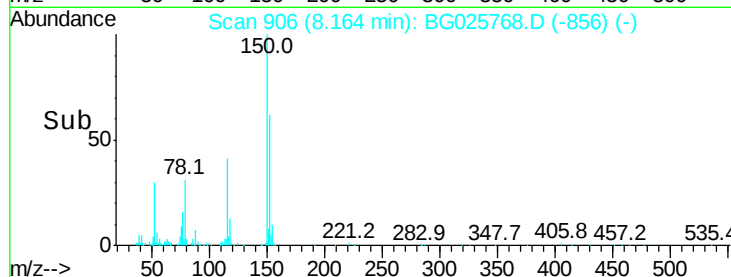
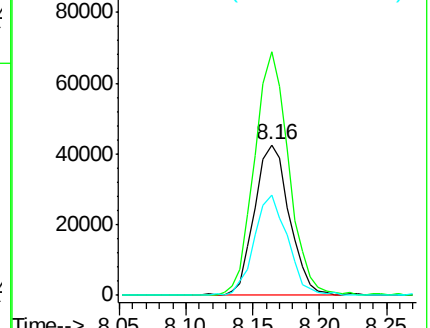
115 66.4 48.1 72.1



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: 152.52 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG025768.D

Acq: 2 Feb 2017 21:37

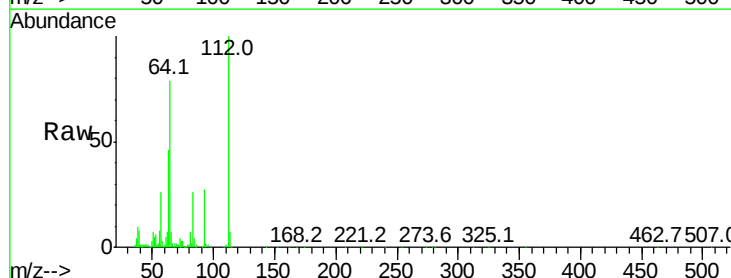
Tgt Ion:112 Resp: 653839

Ion Ratio Lower Upper

112 100

64 78.5 61.8 92.6

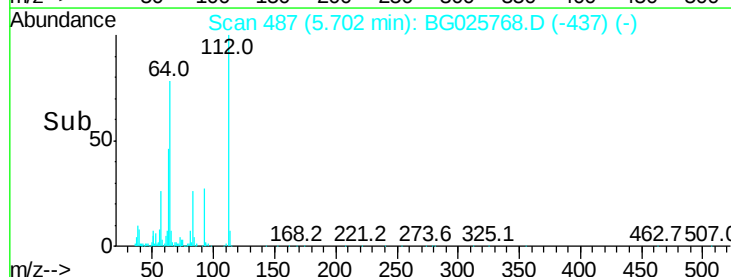
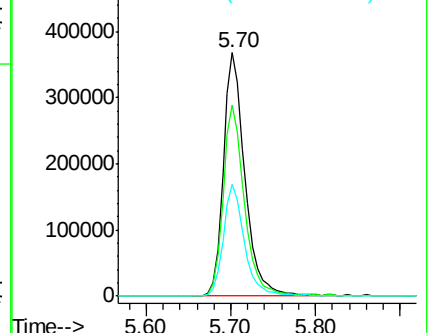
63 45.7 37.2 55.8

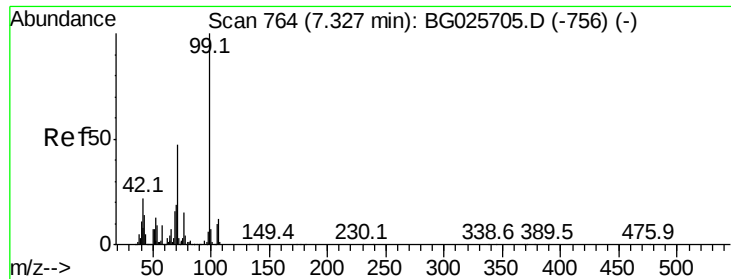


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 150.41 ng

RT: 7.32 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG025768.D

Acq: 2 Feb 2017 21:37

Instrument :

BNA_G

ClientSampleId :

PB96675BL

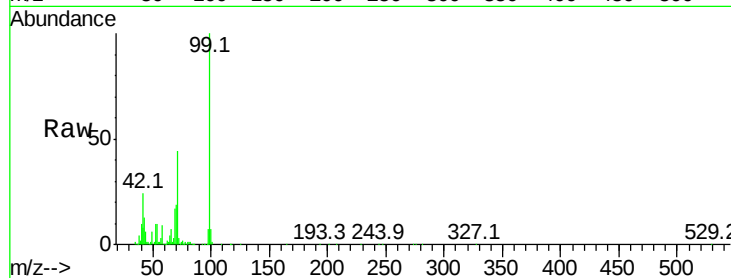
Tot Ion: 99 Resp: 941723

Ion Ratio Lower Upper

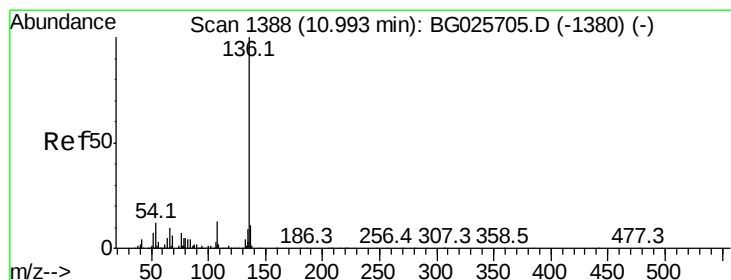
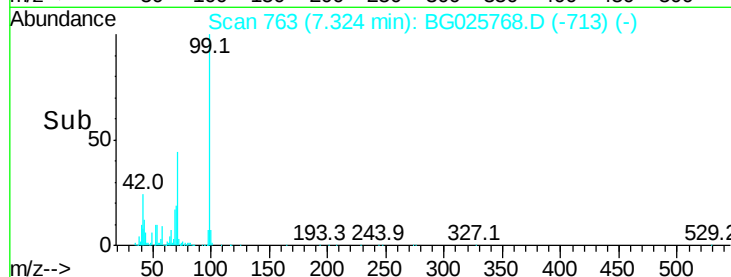
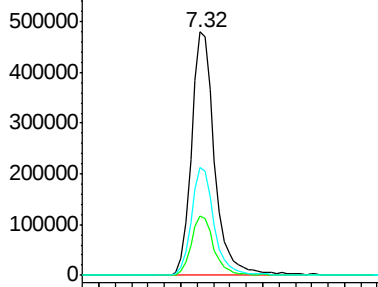
99 100

42 24.4 20.5 30.7

71 44.1 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# 1387

Delta R.T. -0.00 min

Lab File: BG025768.D

Acq: 2 Feb 2017 21:37

Tgt Ion: 136 Resp: 332962

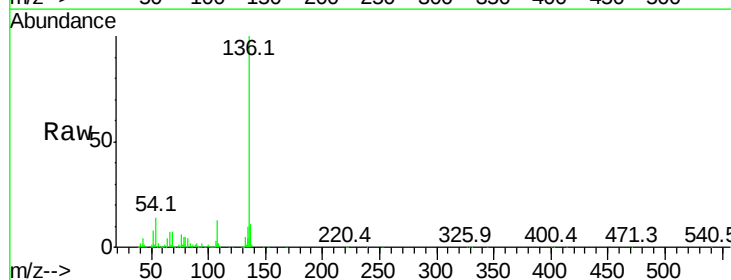
Ion Ratio Lower Upper

136 100

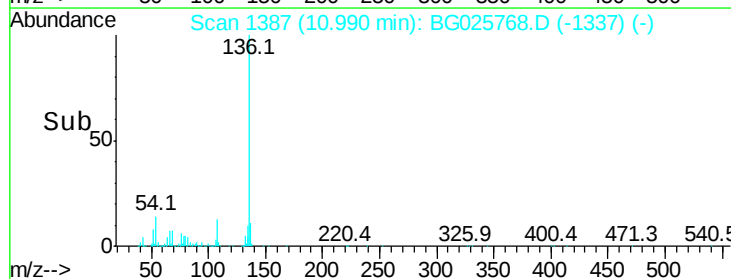
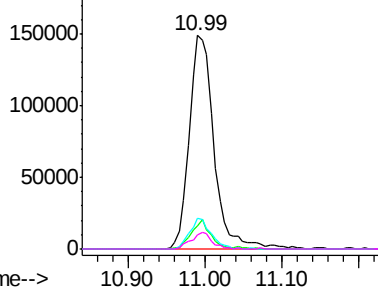
137 11.0 8.9 13.3

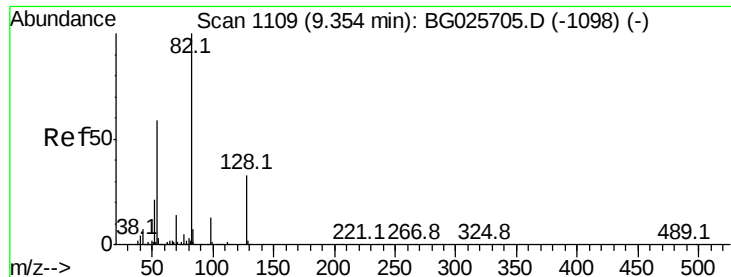
54 14.4 9.3 13.9#

68 6.8 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

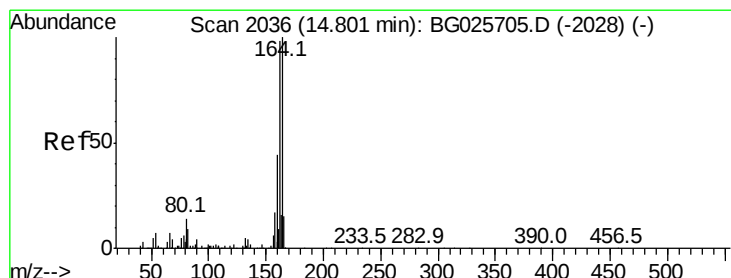
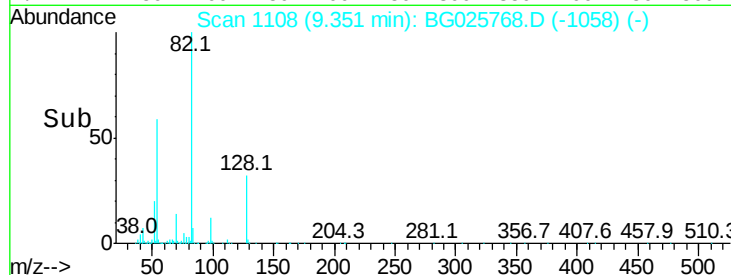
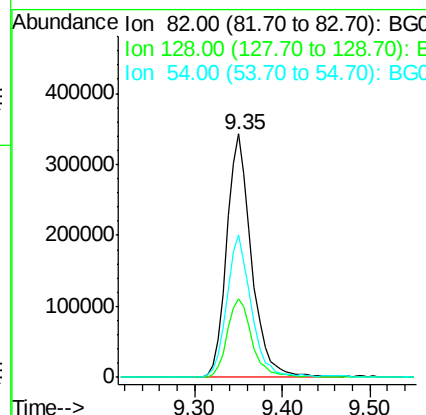
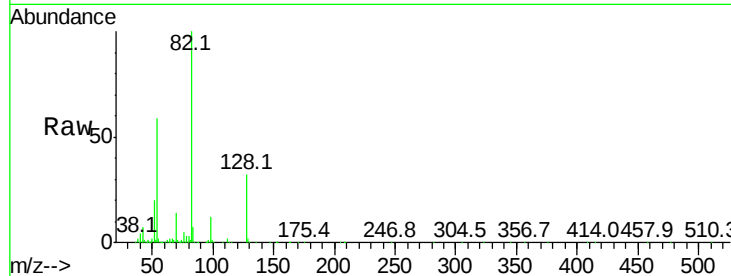




#23
Nitrobenzene-d5
Concen: 84.80 ng
RT: 9.35 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG025768.D
Acq: 2 Feb 2017 21:37

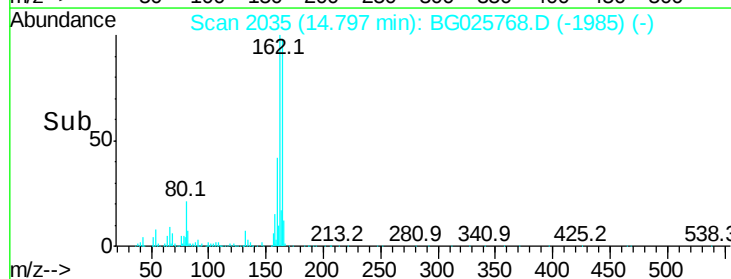
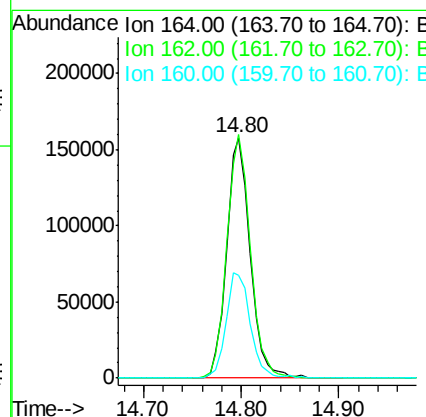
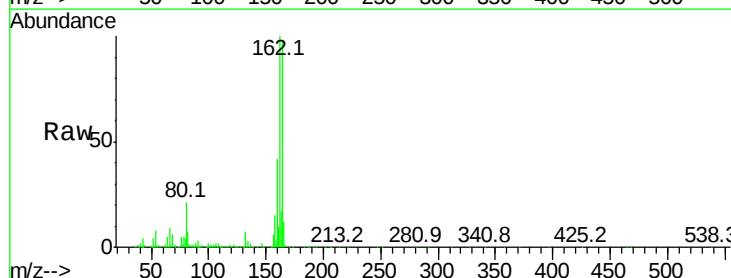
Instrument :
BNA_G
ClientSampleId :
PB96675BL

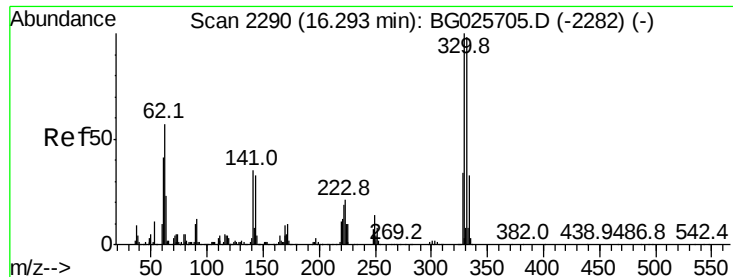
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.1	26.4	39.6
54	58.6	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG025768.D
Acq: 2 Feb 2017 21:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	85.1	127.7
160	42.7	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 126.06 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG025768.D

Acq: 2 Feb 2017 21:37

Instrument :

BNA_G

ClientSampleId :

PB96675BL

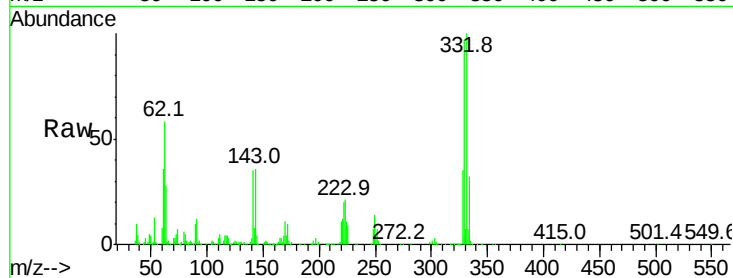
Tot Ion:330 Resp: 473679

Ion Ratio Lower Upper

330 100

332 100.3 77.3 115.9

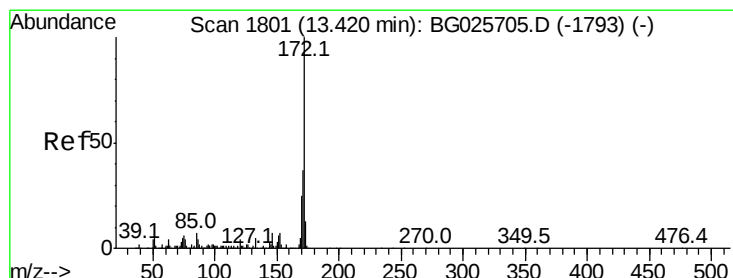
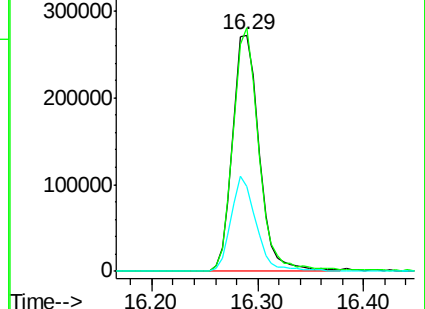
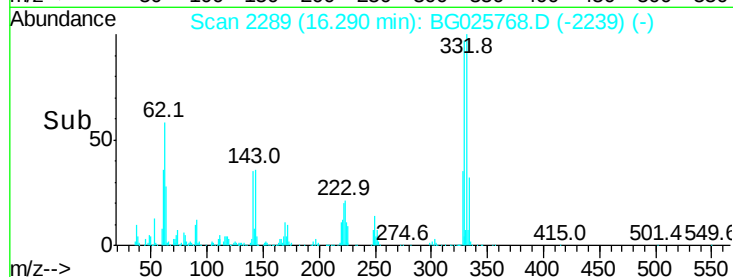
141 37.7 32.1 48.1



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: 86.52 ng

RT: 13.42 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG025768.D

Acq: 2 Feb 2017 21:37

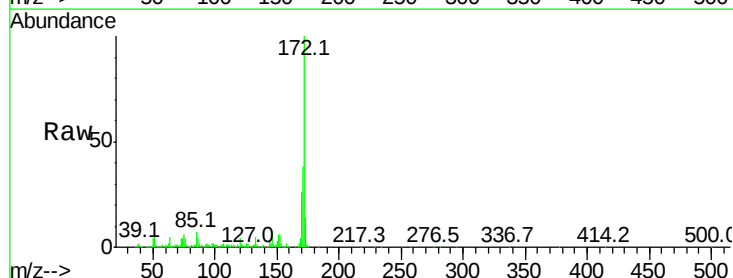
Tgt Ion:172 Resp: 1403605

Ion Ratio Lower Upper

172 100

171 37.7 32.2 48.2

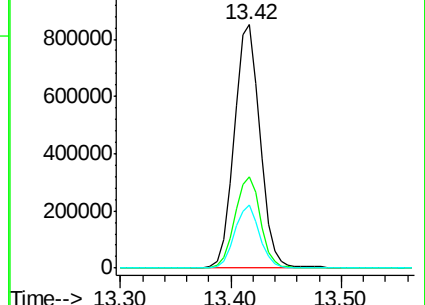
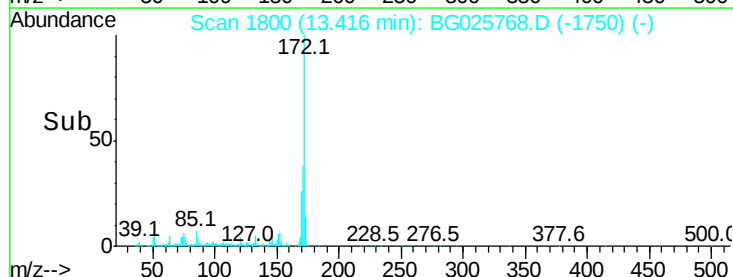
170 26.0 21.8 32.6

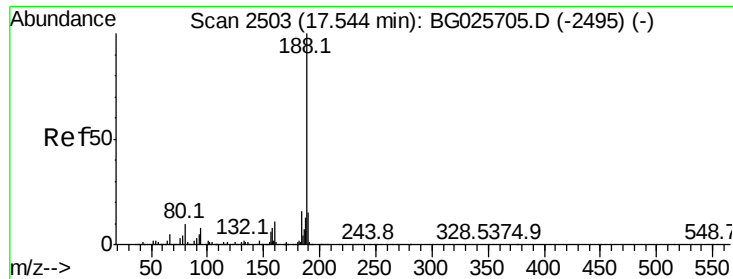


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.54 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG025768.D

Acq: 2 Feb 2017 21:37

Instrument :

BNA_G

ClientSampleId :

PB96675BL

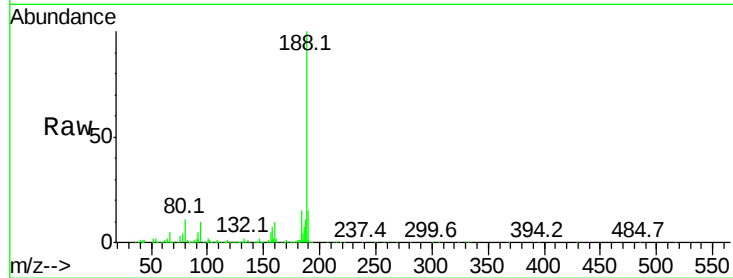
Tot Ion:188 Resp: 605748

Ion Ratio Lower Upper

188 100

94 10.2 5.8 8.8#

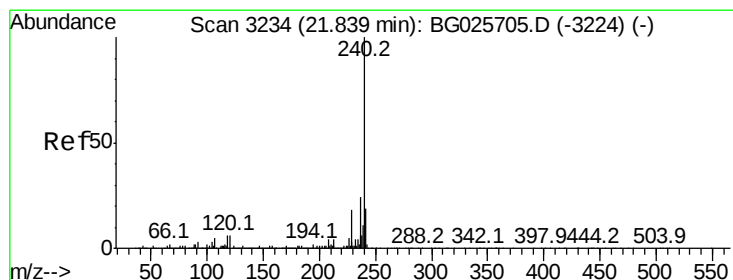
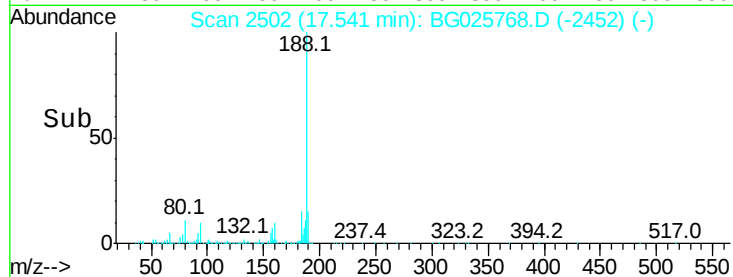
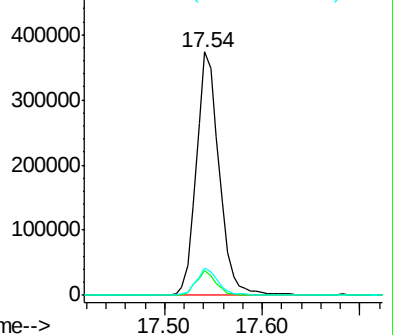
80 11.1 7.5 11.3



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# 3232

Delta R.T. -0.01 min

Lab File: BG025768.D

Acq: 2 Feb 2017 21:37

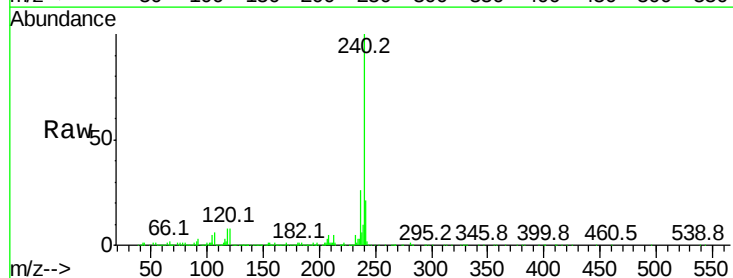
Tgt Ion:240 Resp: 743209

Ion Ratio Lower Upper

240 100

120 8.2 5.7 8.5

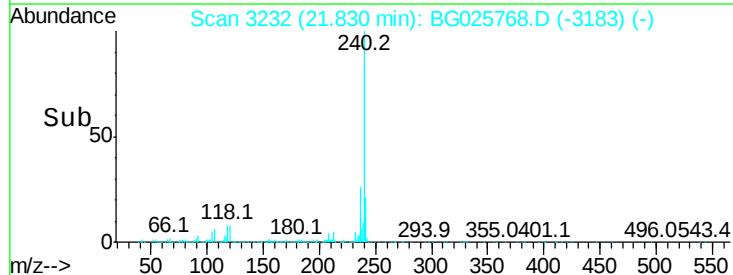
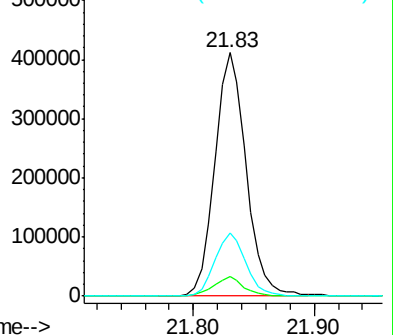
236 26.0 22.2 33.4

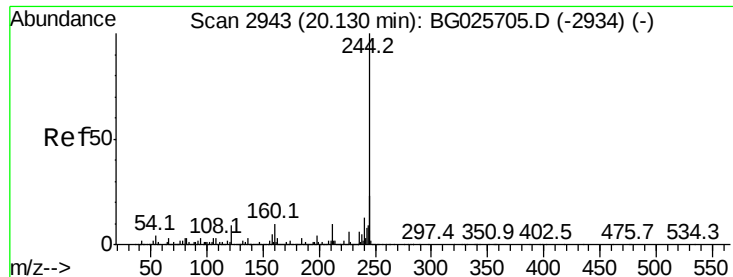


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



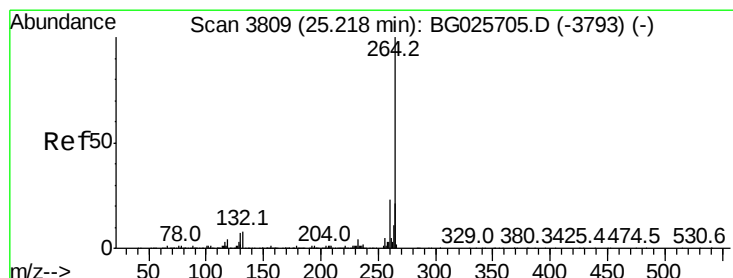
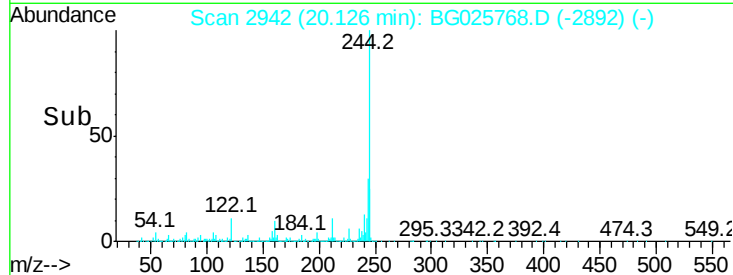
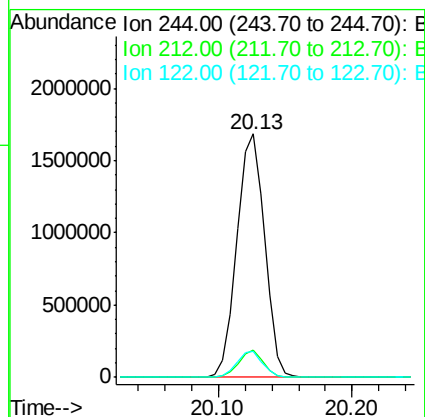
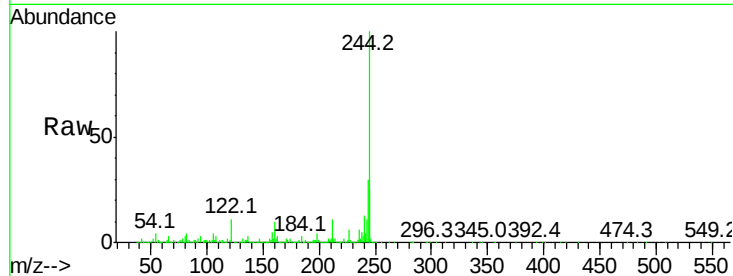


#78
 Terphenyl-d14
 Concen: 79.02 ng
 RT: 20.13 min Scan# 2942
 Delta R.T. -0.00 min
 Lab File: BG025768.D
 Acq: 2 Feb 2017 21:37

Instrument :
 BNA_G
 ClientSampleId :
 PB96675BL

Tot Ion:244 Resp: 2433004

Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.0	15.0
122	10.8	8.6	12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3807
 Delta R.T. -0.01 min
 Lab File: BG025768.D
 Acq: 2 Feb 2017 21:37

Tgt Ion:264 Resp: 739118

Ion	Ratio	Lower	Upper
264	100		
260	22.6	21.8	32.8
265	20.9	18.2	27.4

