

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025555.D
 Acq On : 21 Jan 2017 2:44
 Operator : UM/SJ
 Sample : I1347-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S3-0-3FT-COMP

Quant Time: Jan 21 04:22:18 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	55981	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	222964	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	180308	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	413954	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	685889	20.00	ng	-0.02
86) Perylene-d12	25.22	264	706847	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	327275	106.26	ng	-0.02
7) Phenol-d6	7.34	99	414768	95.62	ng	-0.02
23) Nitrobenzene-d5	9.36	82	377767	74.85	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	292113	100.63	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	779241	69.97	ng	-0.02
78) Terphenyl-d14	20.14	244	1741450	67.32	ng	-0.02

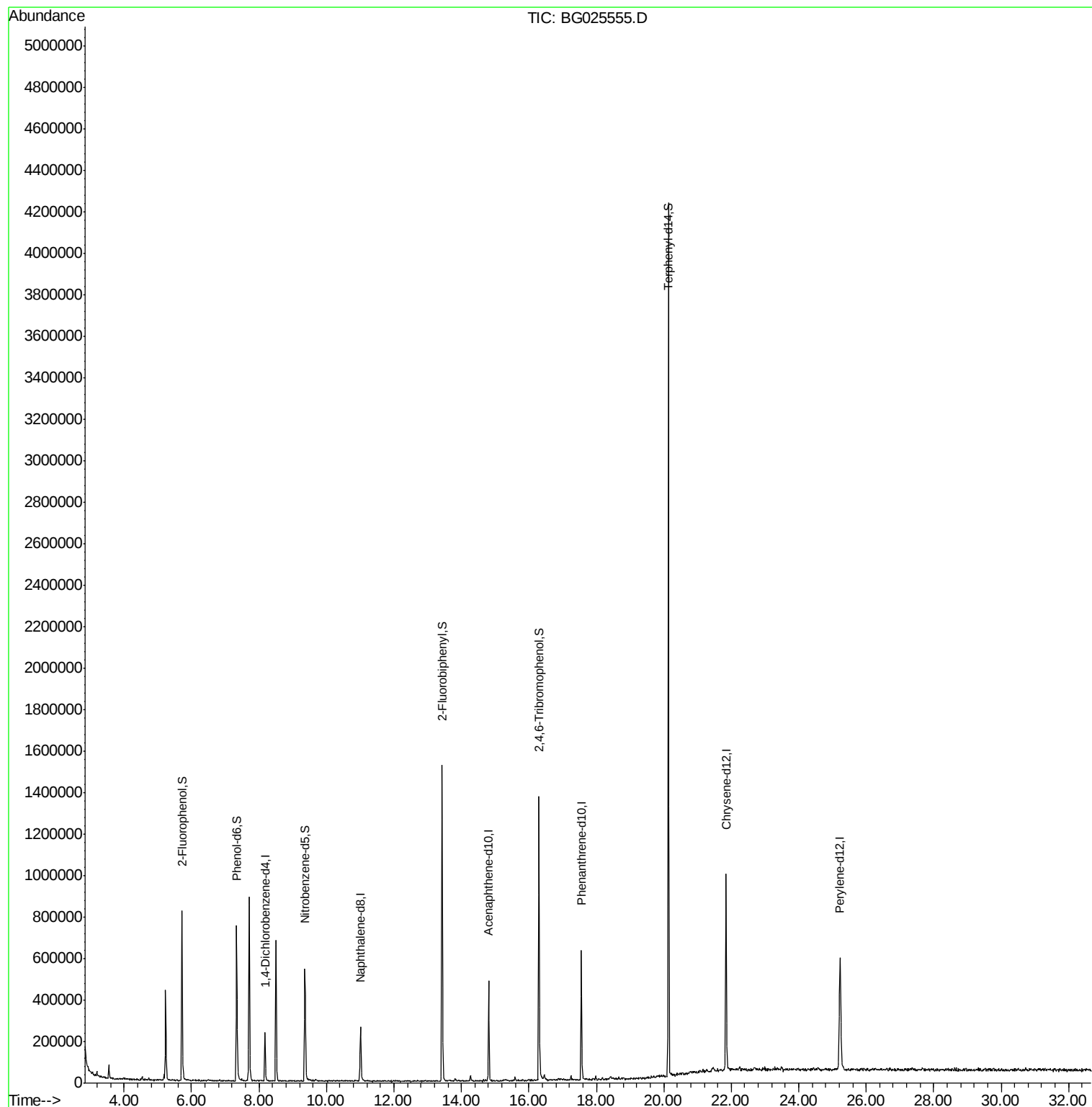
Target Compounds Qvalue

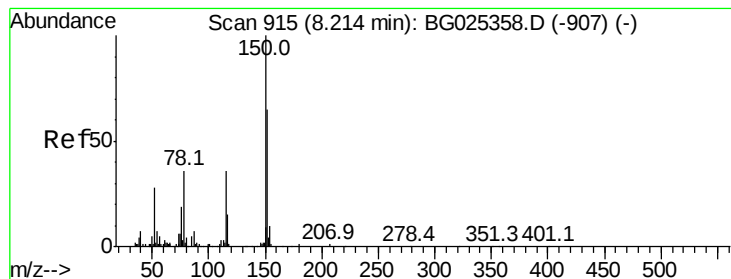
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025555.D

Acq: 21 Jan 2017 2:44

Instrument :

BNA_G

ClientSampleId :

S3-0-3FT-COMP

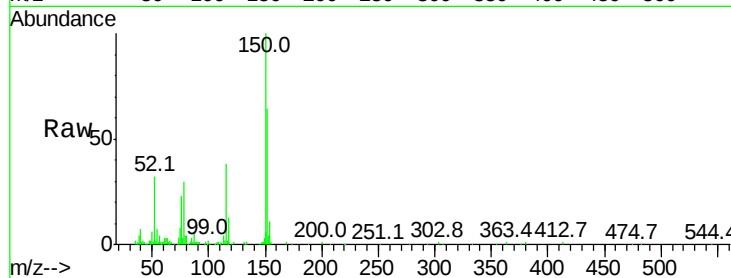
Tot Ion:152 Resp: 55981

Ion Ratio Lower Upper

152 100

150 156.5 114.0 171.0

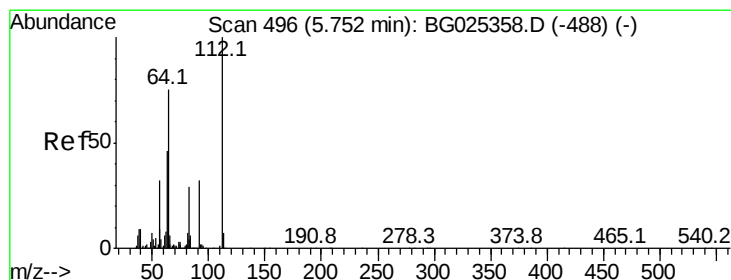
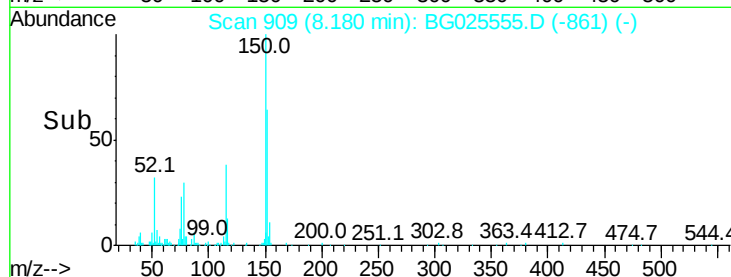
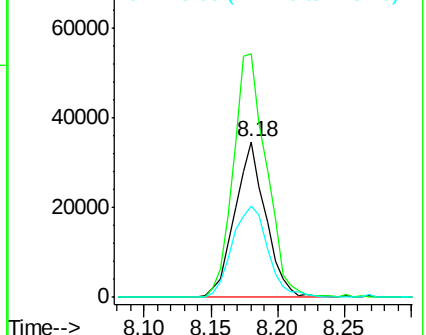
115 58.8 48.1 72.1



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: 106.26 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025555.D

Acq: 21 Jan 2017 2:44

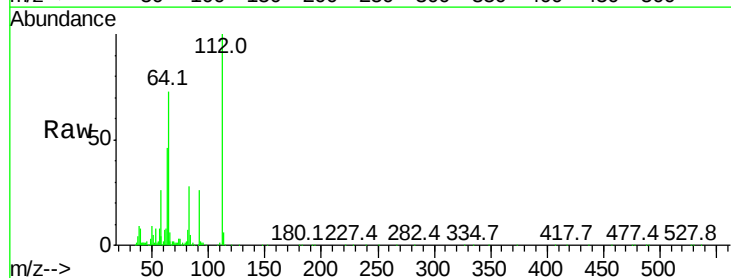
Tgt Ion:112 Resp: 327275

Ion Ratio Lower Upper

112 100

64 73.0 61.8 92.6

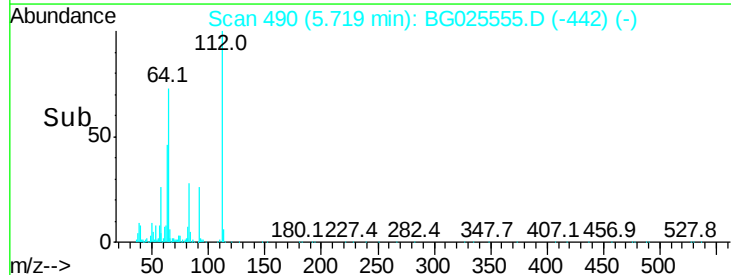
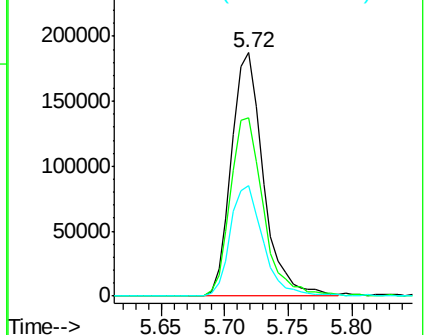
63 45.6 37.2 55.8

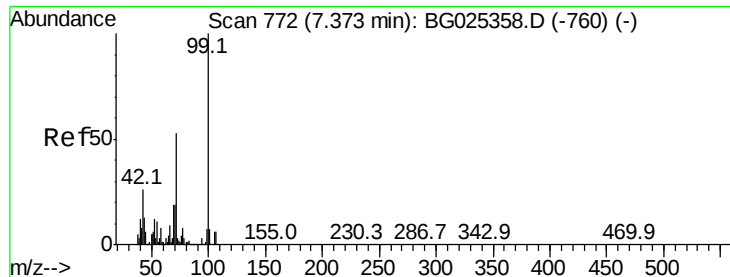


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 95.62 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025555.D

Acq: 21 Jan 2017 2:44

Instrument :

BNA_G

ClientSampleId :

S3-0-3FT-COMP

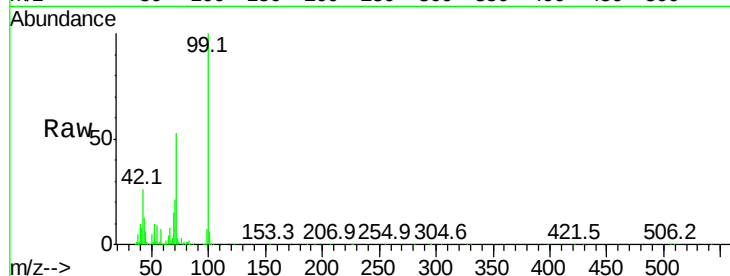
Tot Ion: 99 Resp: 414768

Ion Ratio Lower Upper

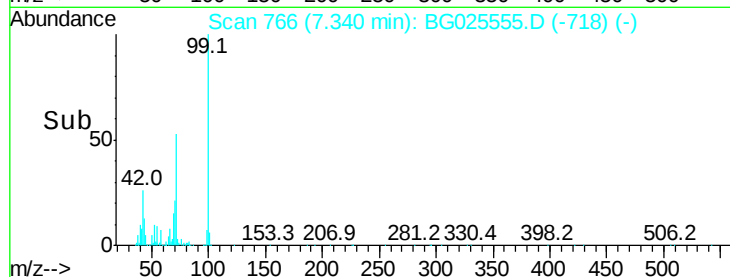
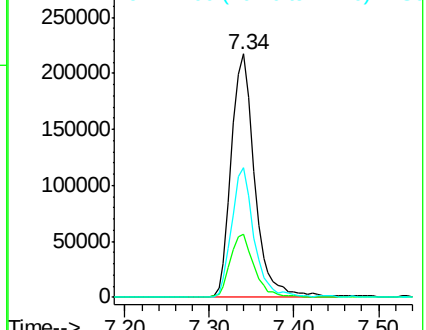
99 100

42 25.9 20.5 30.7

71 53.1 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: 11.01 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BG025555.D

Acq: 21 Jan 2017 2:44

Tgt Ion: 136 Resp: 222964

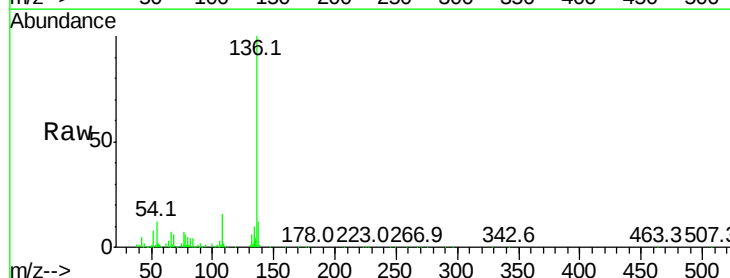
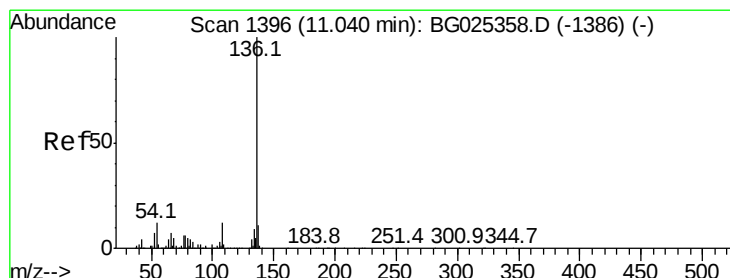
Ion Ratio Lower Upper

136 100

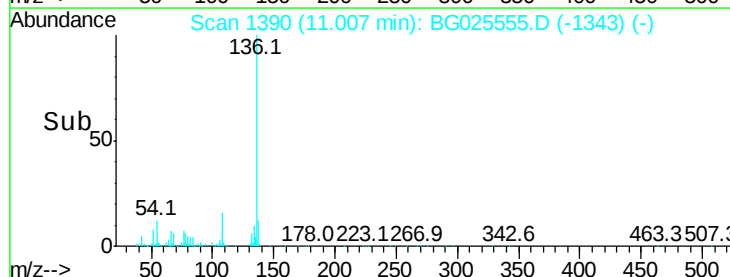
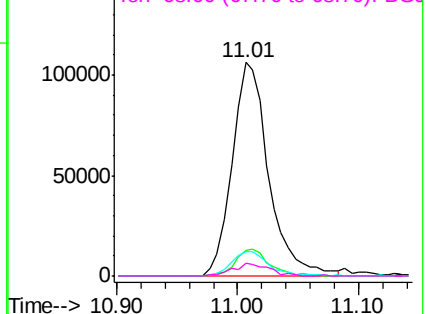
137 12.3 8.9 13.3

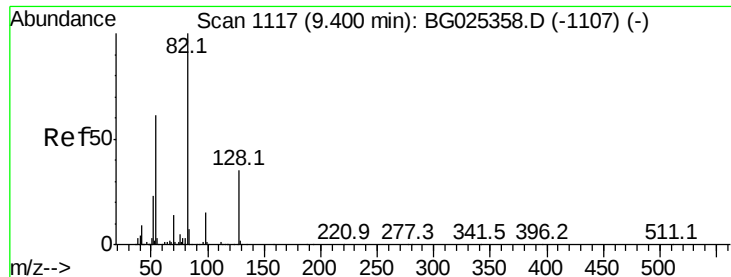
54 11.5 9.3 13.9

68 6.3 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: 74.85 ng

RT: 9.36 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BG025555.D

Acq: 21 Jan 2017 2:44

Instrument :

BNA_G

ClientSampleId :

S3-0-3FT-COMP

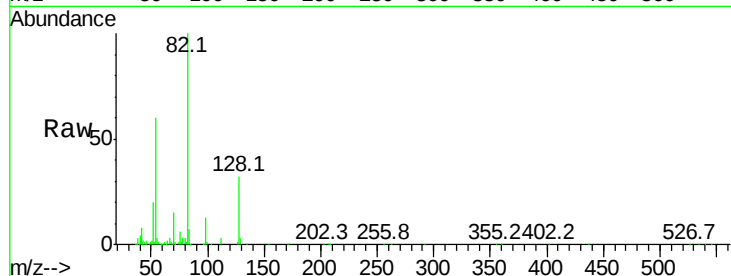
Tot Ion: 82 Resp: 377767

Ion Ratio Lower Upper

82 100

128 31.8 26.4 39.6

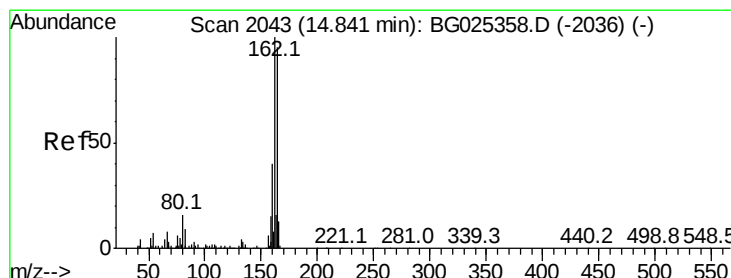
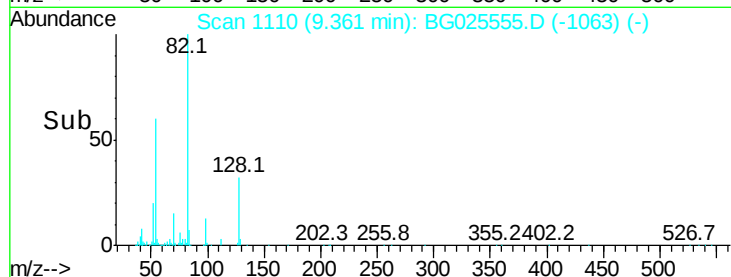
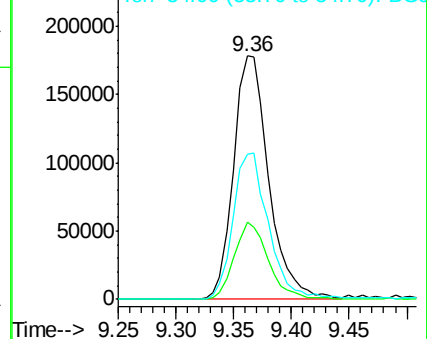
54 59.8 49.4 74.2



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: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG025555.D

Acq: 21 Jan 2017 2:44

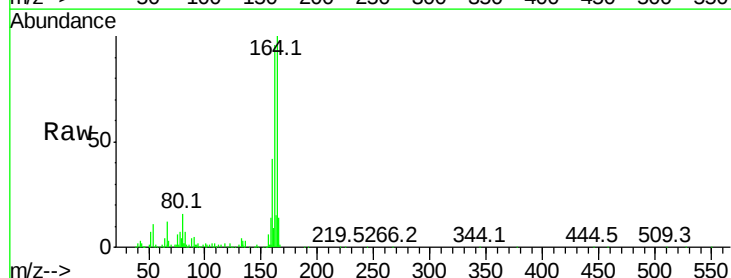
Tgt Ion: 164 Resp: 180308

Ion Ratio Lower Upper

164 100

162 95.8 85.1 127.7

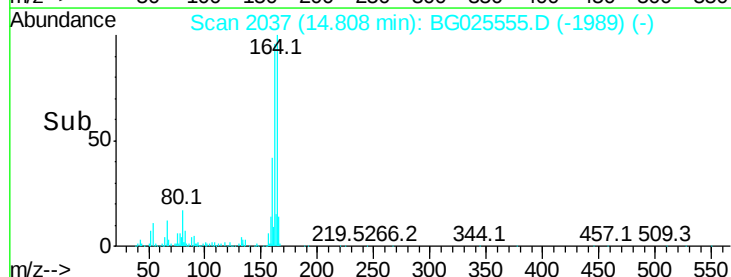
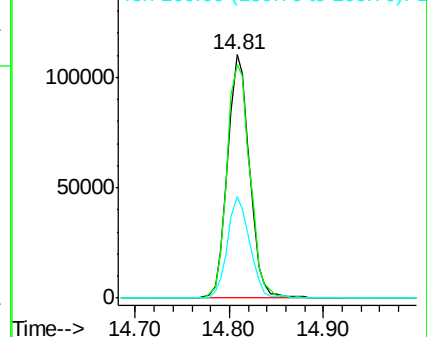
160 41.8 34.7 52.1

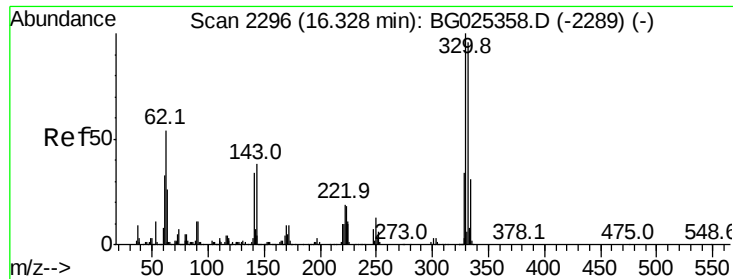


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

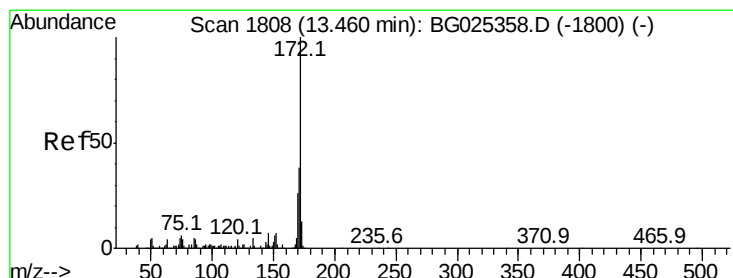
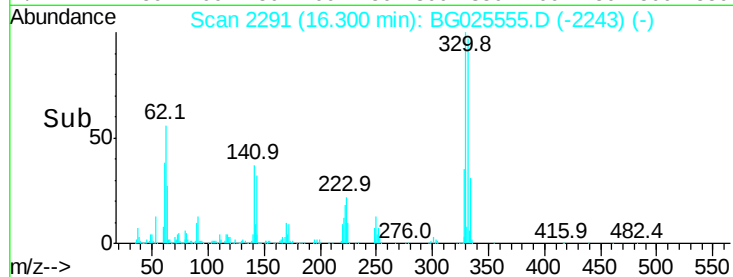
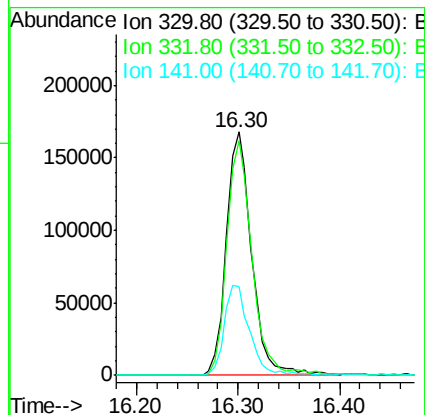
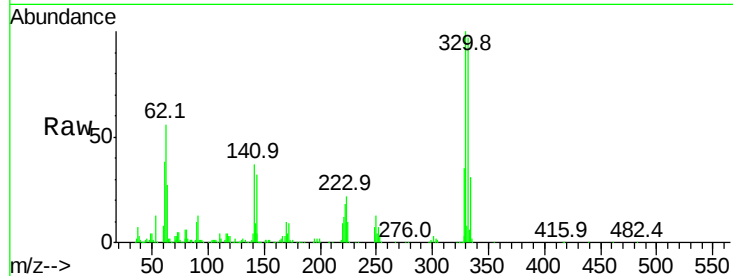




#41
 2,4,6-Tribromophenol
 Concen: 100.63 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025555.D
 Acq: 21 Jan 2017 2:44

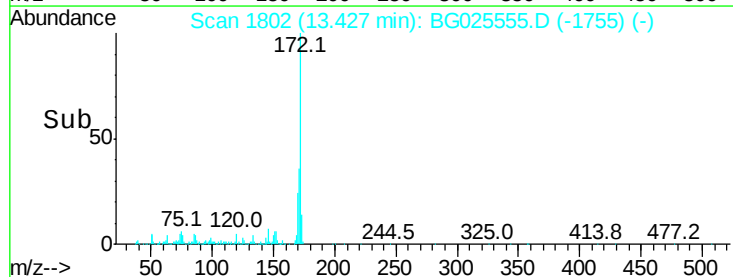
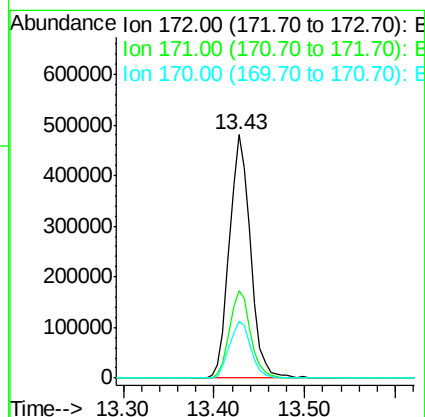
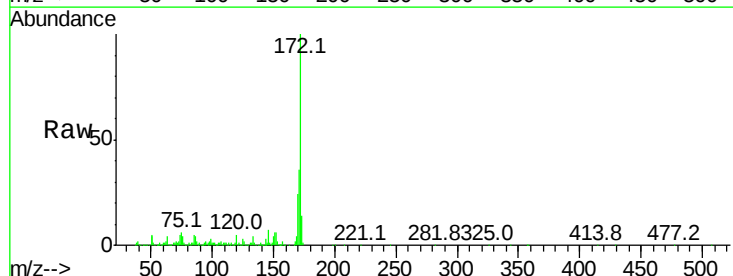
Instrument :
 BNA_G
 ClientSampleId :
 S3-0-3FT-COMP

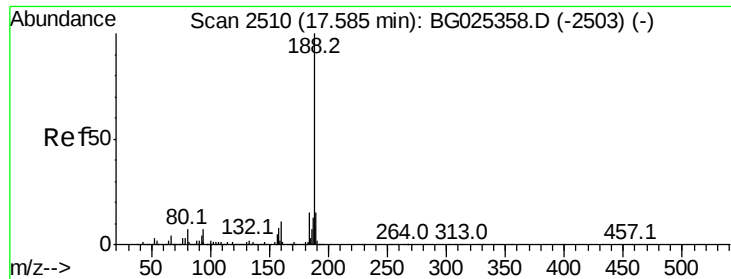
Tot Ion:330 Resp: 292113
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 36.8 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 69.97 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025555.D
 Acq: 21 Jan 2017 2:44

Tgt Ion:172 Resp: 779241
 Ion Ratio Lower Upper
 172 100
 171 36.0 32.2 48.2
 170 23.6 21.8 32.6

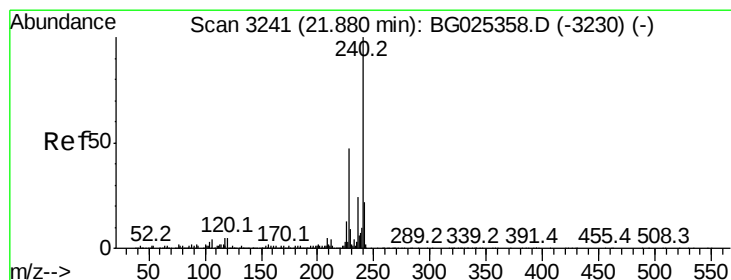
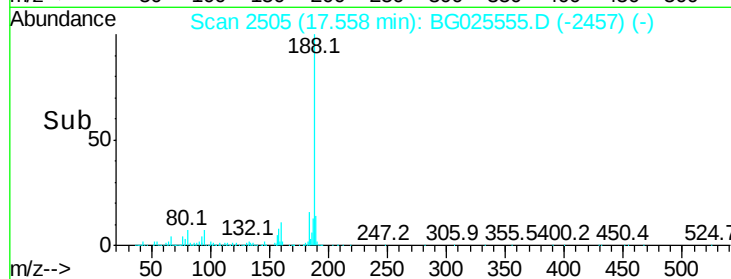
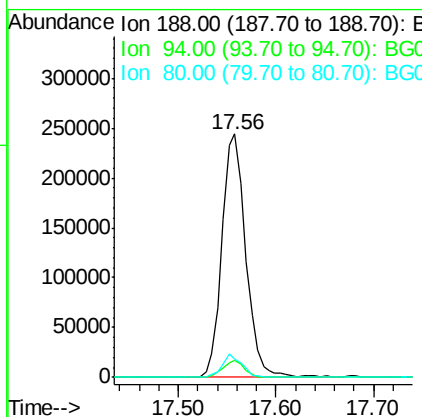
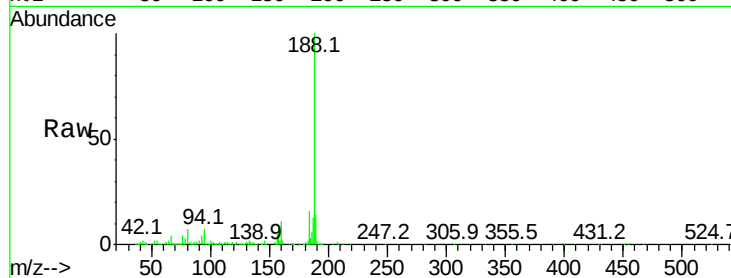




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025555.D
Acq: 21 Jan 2017 2:44

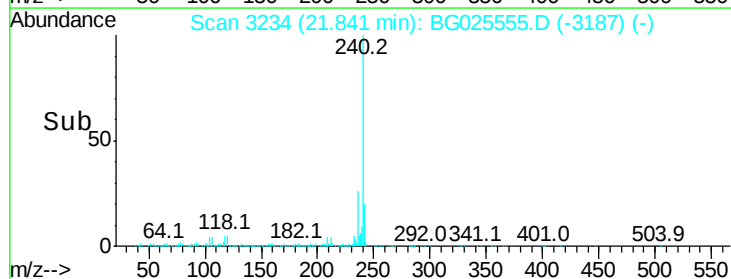
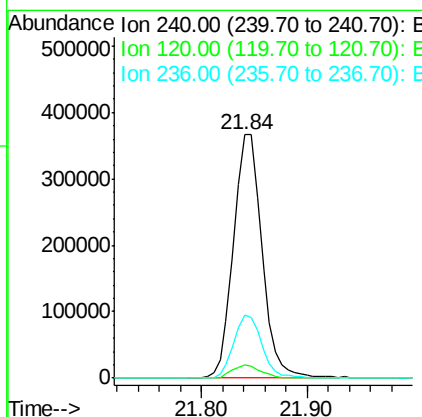
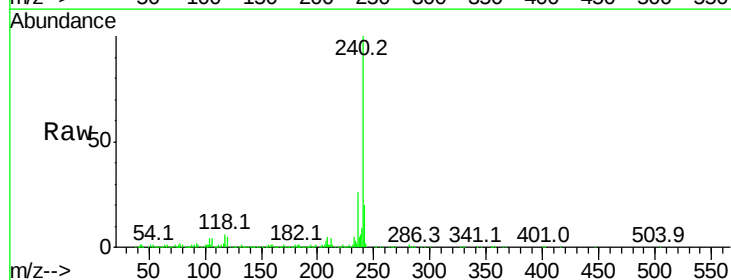
Instrument :
BNA_G
ClientSampleId :
S3-0-3FT-COMP

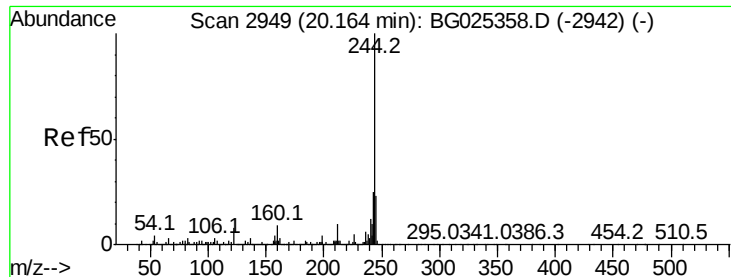
Tot Ion:188 Resp: 413954
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.8
80 7.4 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.02 min
Lab File: BG025555.D
Acq: 21 Jan 2017 2:44

Tgt Ion:240 Resp: 685889
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 26.1 22.2 33.4





#78

Terphenyl-d14

Concen: 67.32 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025555.D

Acq: 21 Jan 2017 2:44

Instrument :

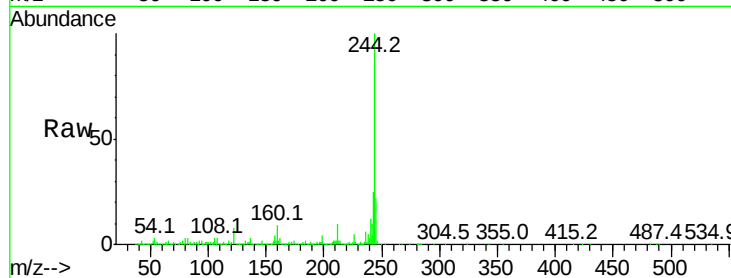
BNA_G

ClientSampleId :

S3-0-3FT-COMP

Tot Ion:244 Resp: 1741450

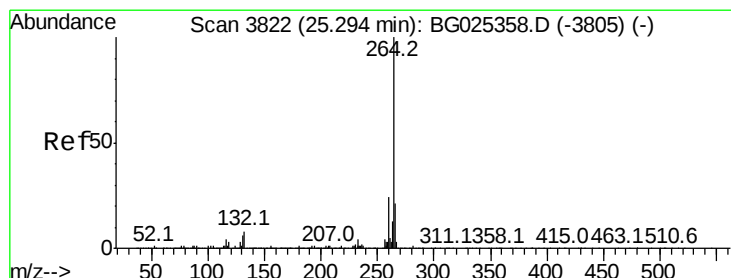
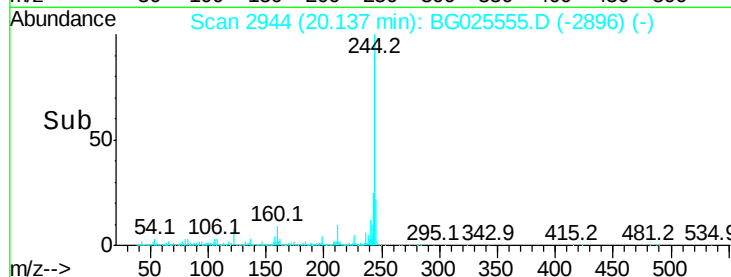
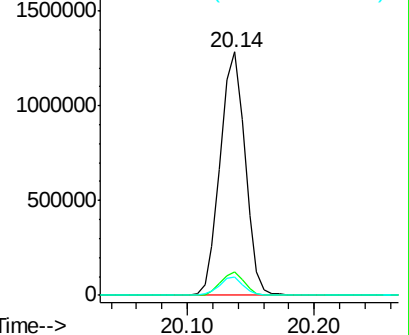
Ion	Ratio	Lower	Upper
244	100		
212	9.7	10.0	15.0#
122	7.6	8.6	12.8#



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: 25.22 min Scan# 3809

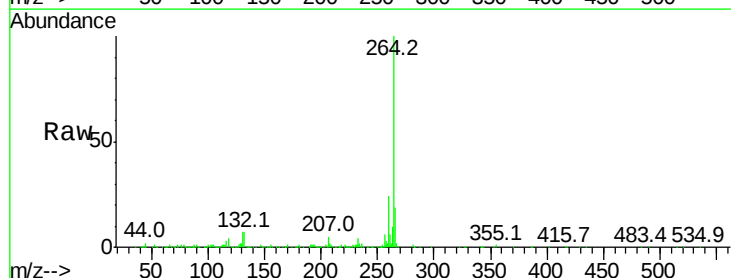
Delta R.T. -0.05 min

Lab File: BG025555.D

Acq: 21 Jan 2017 2:44

Tgt Ion:264 Resp: 706847

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	19.3	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

