

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025552.D
 Acq On : 21 Jan 2017 00:44
 Operator : UM/SJ
 Sample : PB96173TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96173TB

Quant Time: Jan 21 04:13:22 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	59212	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	247559	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	185046	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	443510	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	678361	20.00	ng	-0.02
86) Perylene-d12	25.23	264	719849	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	504437	154.85	ng	-0.02
7) Phenol-d6	7.34	99	707365	154.18	ng	-0.02
23) Nitrobenzene-d5	9.37	82	517235	92.30	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	413520	138.80	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1109546	97.07	ng	-0.02
78) Terphenyl-d14	20.13	244	2239659	87.54	ng	-0.02

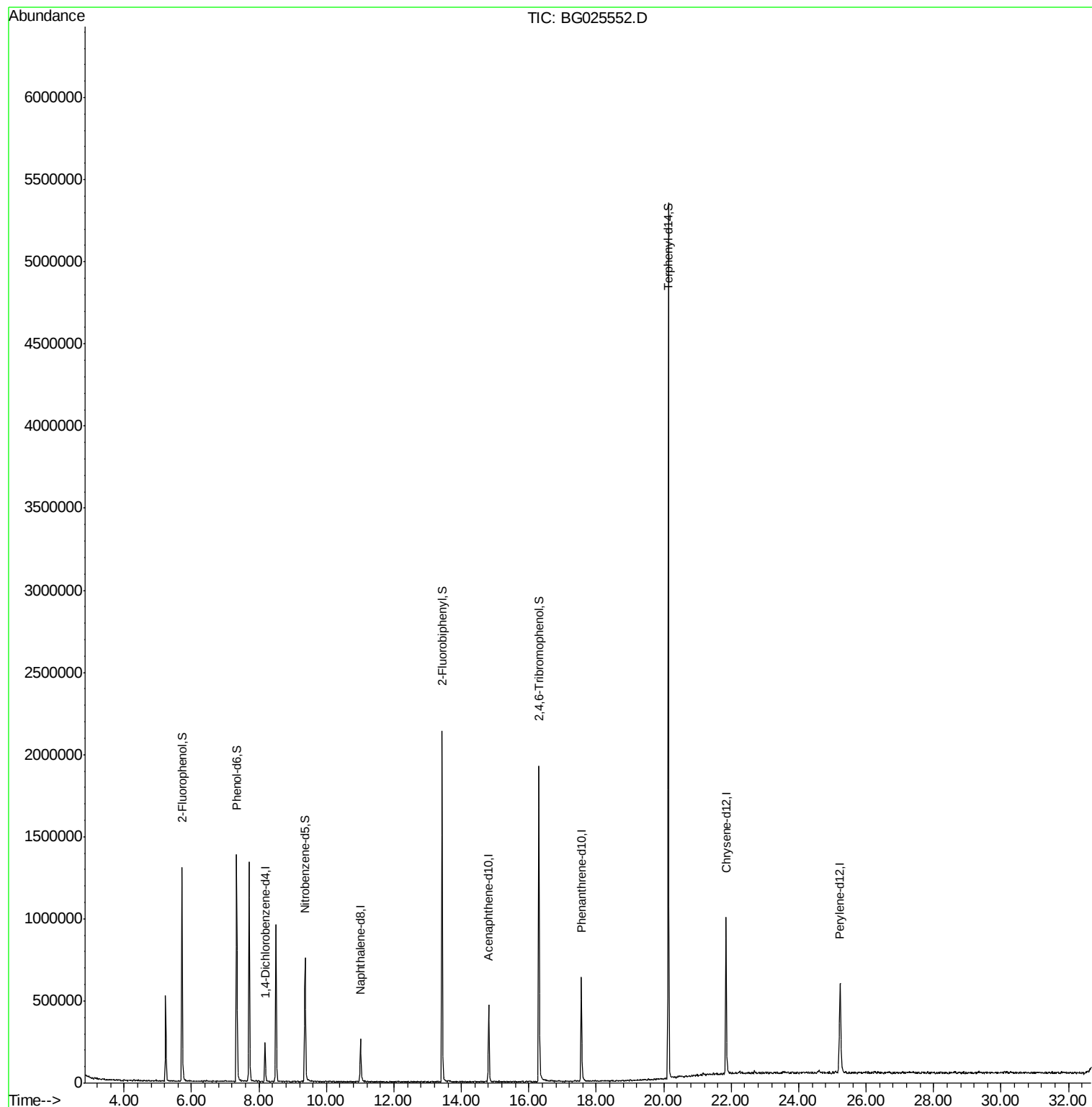
Target Compounds Qvalue

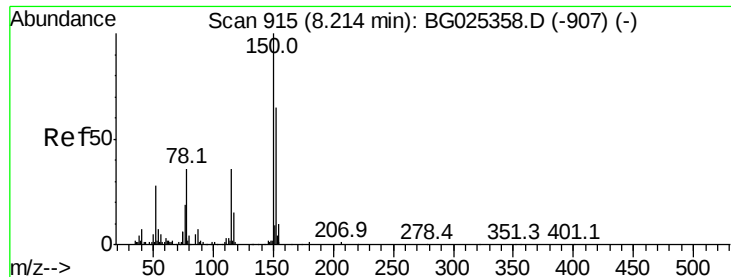
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG025552.D

Acq: 21 Jan 2017 00:44

Instrument :

BNA_G

ClientSampleId :

PB96173TB

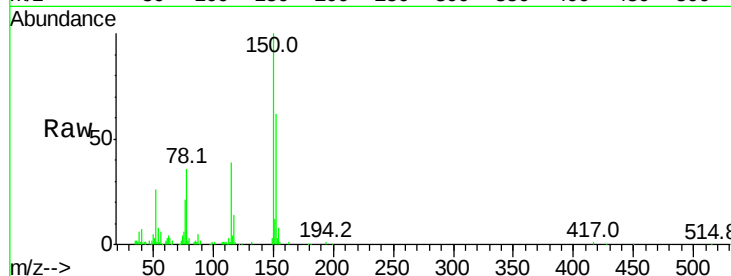
Tot Ion:152 Resp: 59212

Ion Ratio Lower Upper

152 100

150 162.1 114.0 171.0

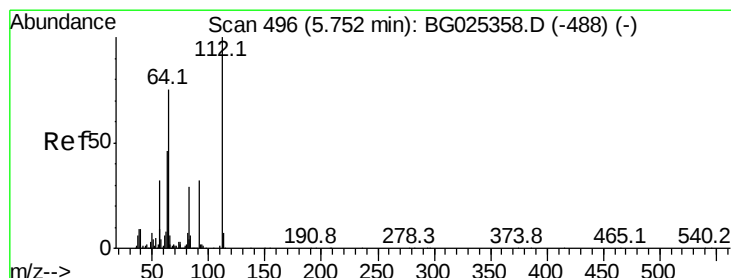
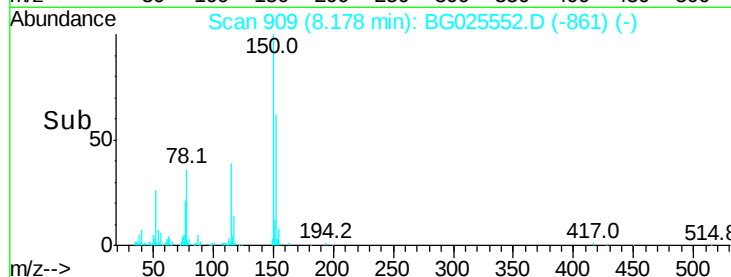
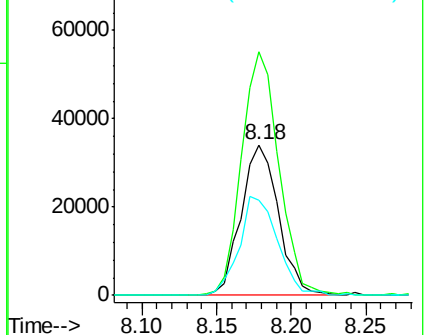
115 63.7 48.1 72.1



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: 154.85 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025552.D

Acq: 21 Jan 2017 00:44

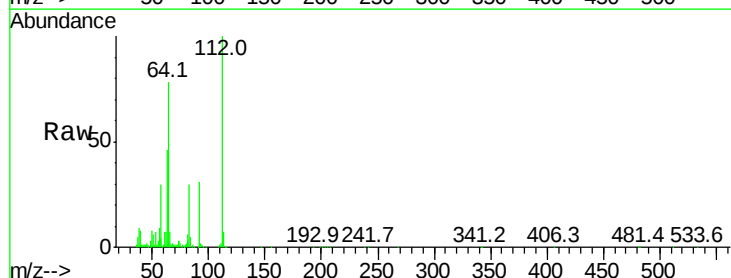
Tgt Ion:112 Resp: 504437

Ion Ratio Lower Upper

112 100

64 77.7 61.8 92.6

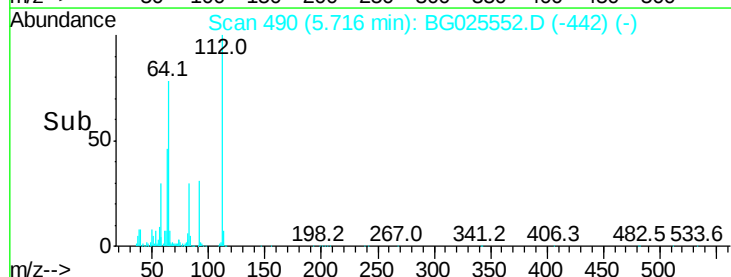
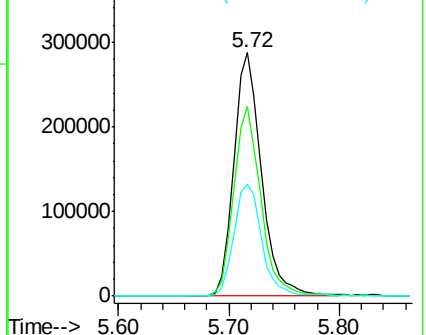
63 46.0 37.2 55.8

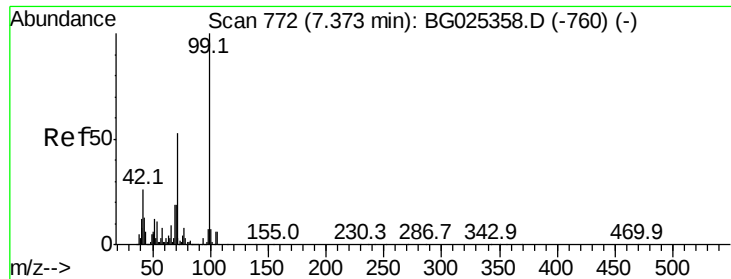


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 154.18 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025552.D

Acq: 21 Jan 2017 00:44

Instrument :

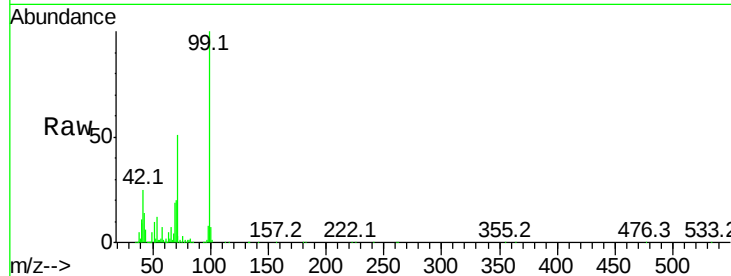
BNA_G

ClientSampleId :

PB96173TB

Tot Ion: 99 Resp: 707365

Ion	Ratio	Lower	Upper
99	100		
42	25.3	20.5	30.7
71	51.2	37.6	56.4

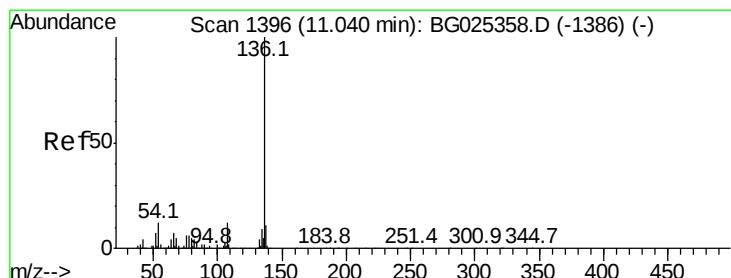
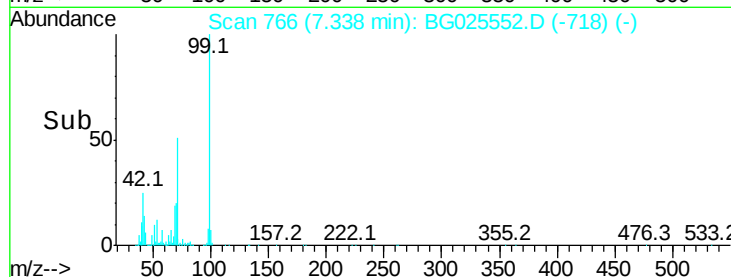
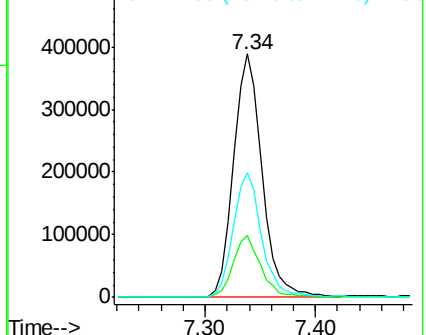


Abundance

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# 1391

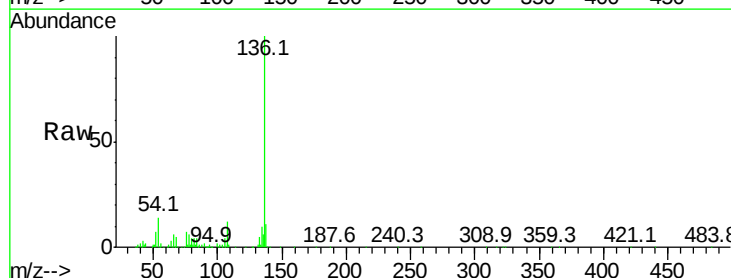
Delta R.T. -0.02 min

Lab File: BG025552.D

Acq: 21 Jan 2017 00:44

Tgt Ion: 136 Resp: 247559

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	13.5	9.3	13.9
68	5.3	5.1	7.7



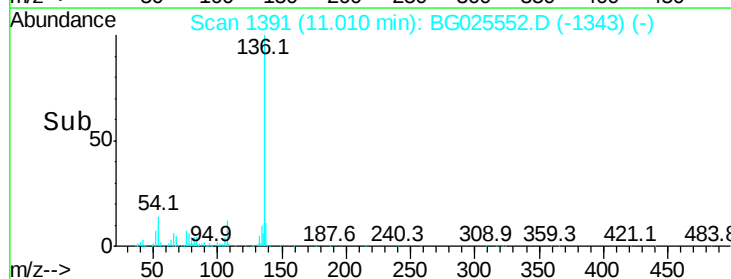
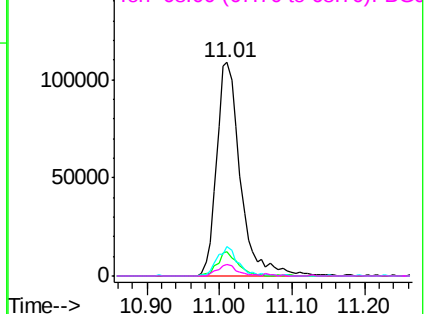
Abundance

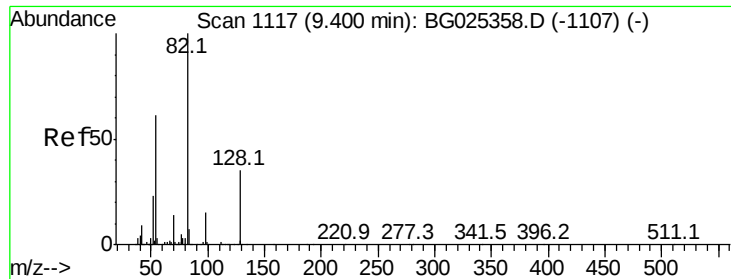
Ion 136.00 (135.70 to 136.70): BGC

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

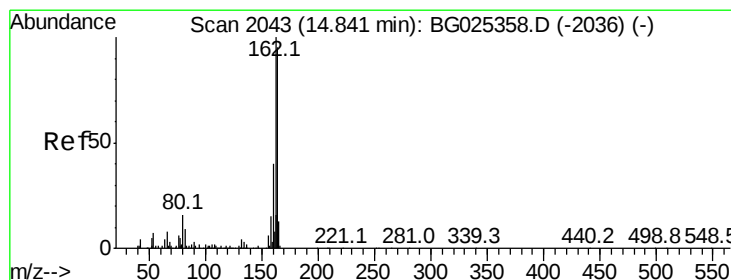
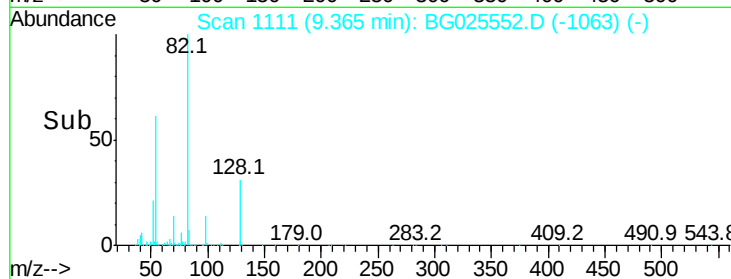
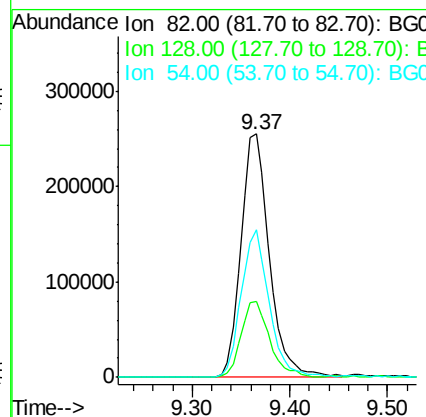
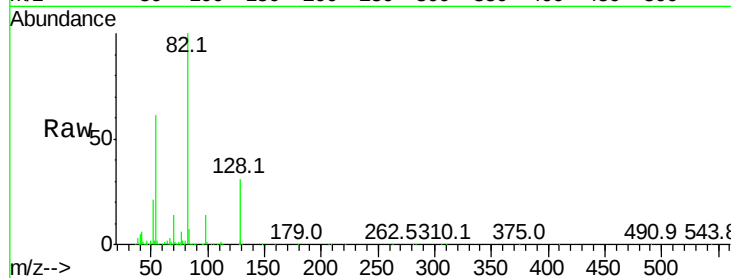




#23
Nitrobenzene-d5
Concen: 92.30 ng
RT: 9.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG025552.D
Acq: 21 Jan 2017 00:44

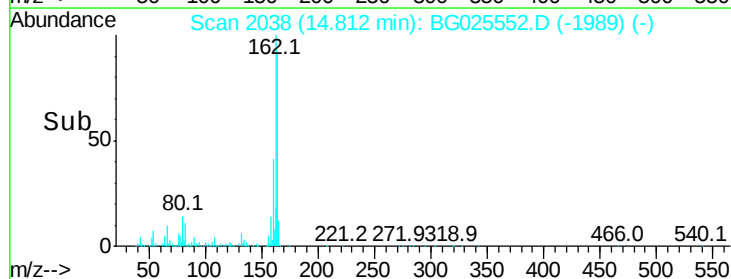
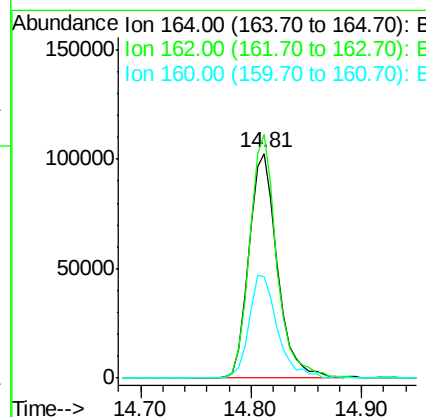
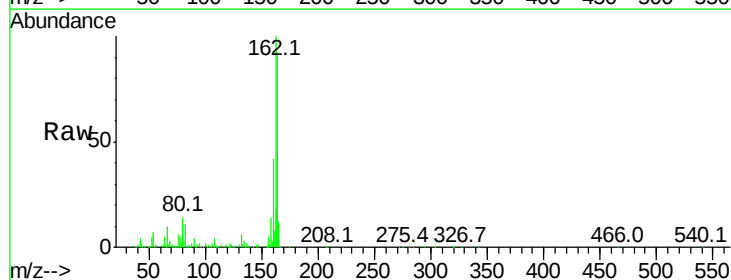
Instrument :
BNA_G
ClientSampleId :
PB96173TB

Tot Ion	82	Resp	517235
Ion Ratio	100	Lower	Upper
128	31.1	26.4	39.6
54	60.9	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG025552.D
Acq: 21 Jan 2017 00:44

Tgt Ion	164	Resp	185046
Ion Ratio	100	Lower	Upper
162	108.3	85.1	127.7
160	45.1	34.7	52.1

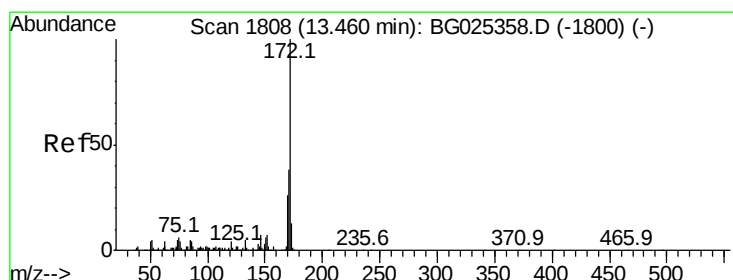
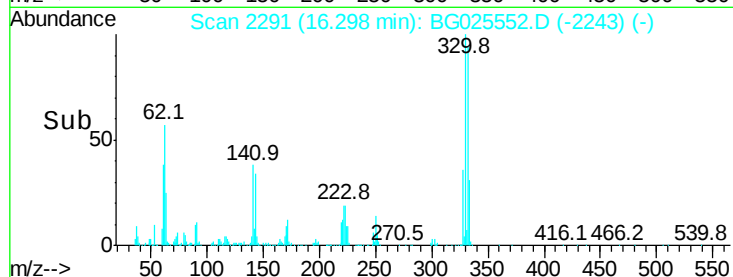
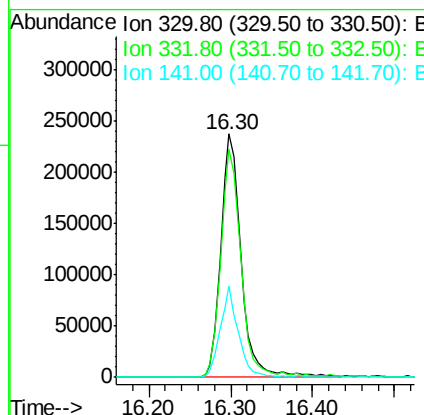
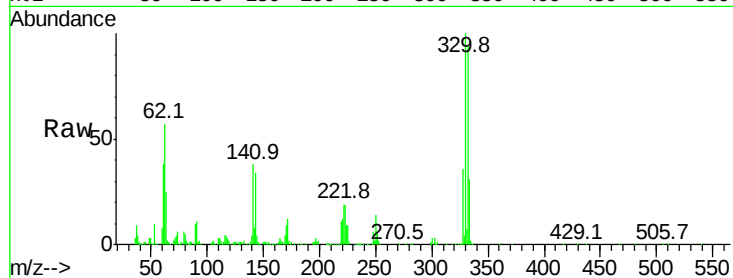




#41
 2,4,6-Tribromophenol
 Concen: 138.80 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025552.D
 Acq: 21 Jan 2017 00:44

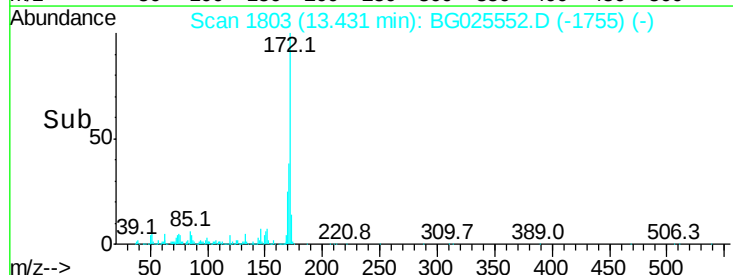
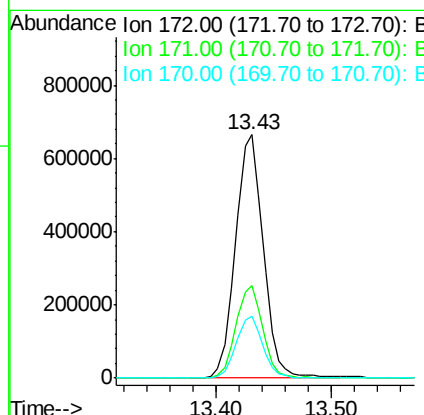
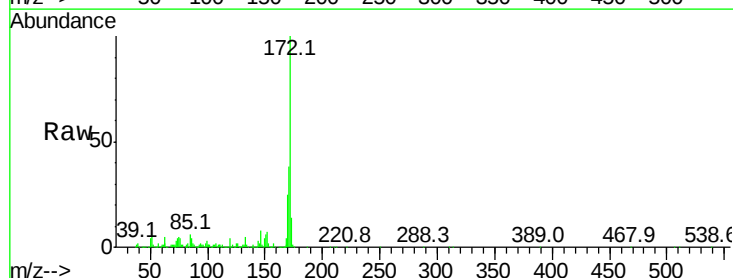
Instrument :
 BNA_G
 ClientSampleId :
 PB96173TB

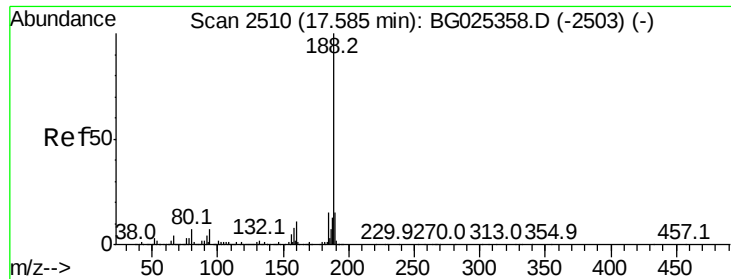
Tot Ion:330 Resp: 413520
 Ion Ratio Lower Upper
 330 100
 332 92.0 77.3 115.9
 141 33.1 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 97.07 ng
 RT: 13.43 min Scan# 1803
 Delta R.T. -0.02 min
 Lab File: BG025552.D
 Acq: 21 Jan 2017 00:44

Tgt Ion:172 Resp: 1109546
 Ion Ratio Lower Upper
 172 100
 171 38.0 32.2 48.2
 170 25.3 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: BG025552.D

Acq: 21 Jan 2017 00:44

Instrument :

BNA_G

ClientSampleId :

PB96173TB

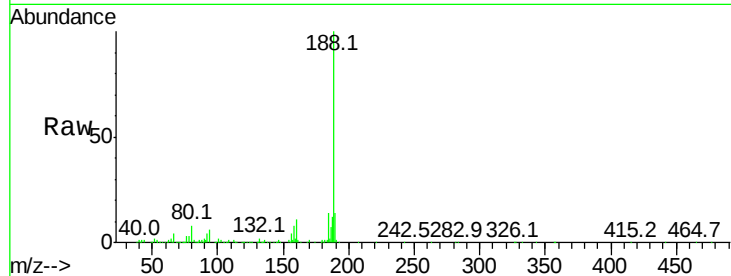
Tot Ion:188 Resp: 443510

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

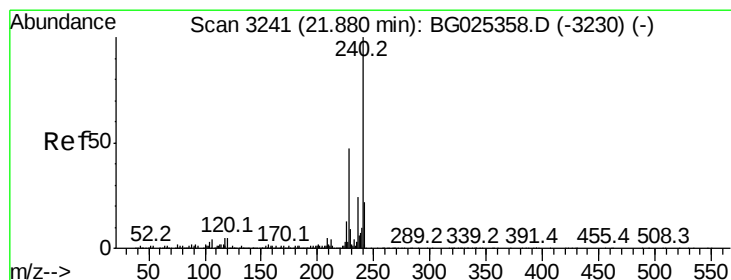
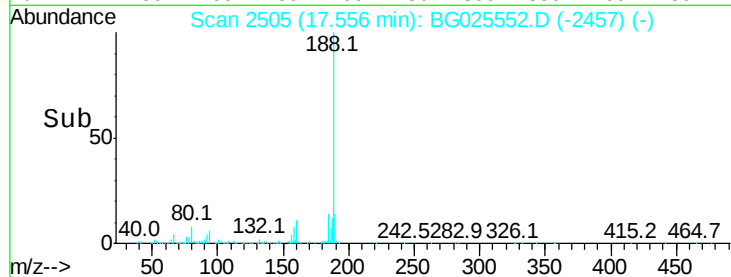
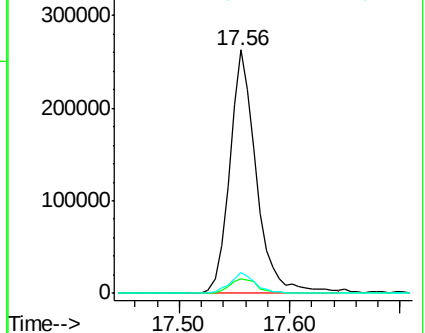
80 8.4 7.5 11.3



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: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025552.D

Acq: 21 Jan 2017 00:44

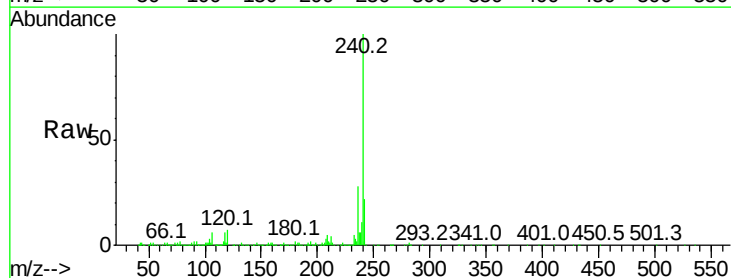
Tgt Ion:240 Resp: 678361

Ion Ratio Lower Upper

240 100

120 7.2 5.7 8.5

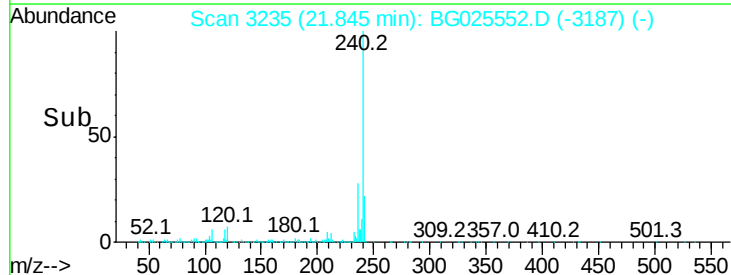
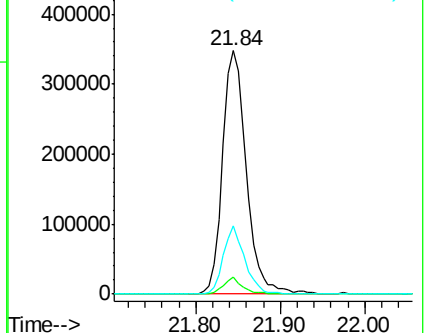
236 28.0 22.2 33.4

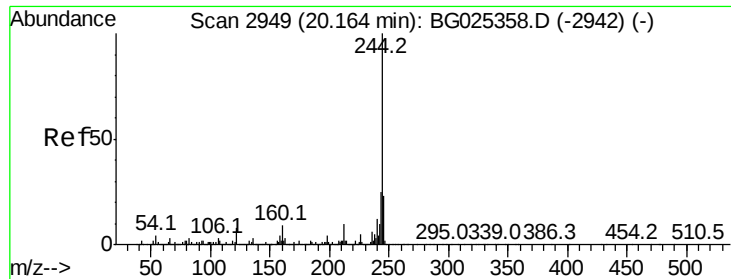


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.54 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025552.D

Acq: 21 Jan 2017 00:44

Instrument :

BNA_G

ClientSampleId :

PB96173TB

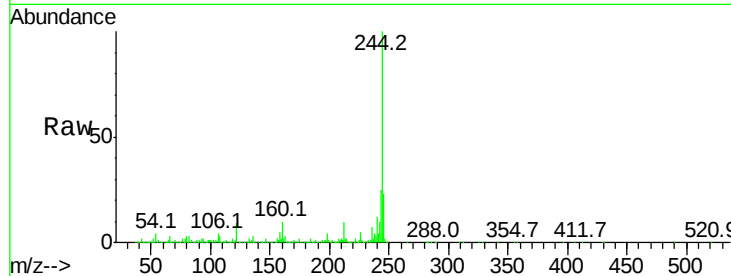
Tot Ion:244 Resp: 2239659

Ion Ratio Lower Upper

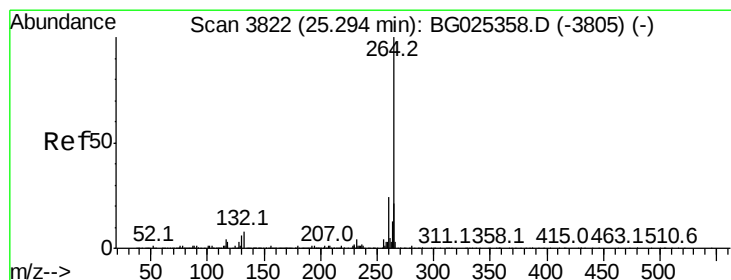
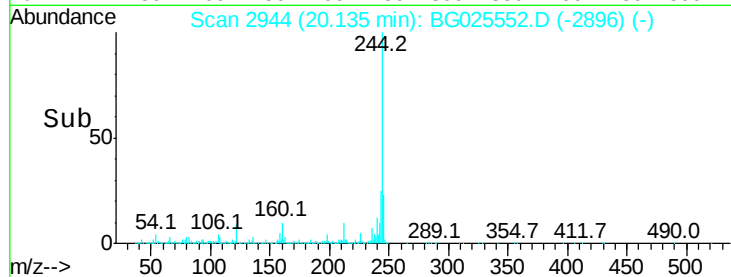
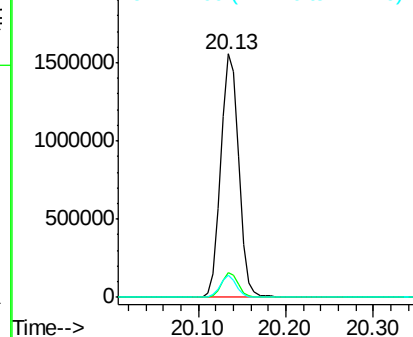
244 100

212 10.4 10.0 15.0

122 8.9 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: 25.23 min Scan# 3812

Delta R.T. -0.03 min

Lab File: BG025552.D

Acq: 21 Jan 2017 00:44

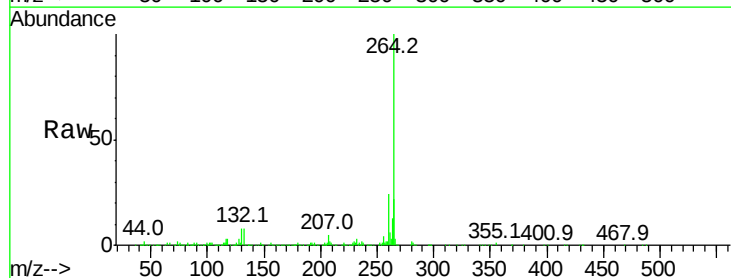
Tgt Ion:264 Resp: 719849

Ion Ratio Lower Upper

264 100

260 24.3 21.8 32.8

265 21.9 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

