

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
 Data File : BG025580.D
 Acq On : 21 Jan 2017 19:25
 Operator : UM/SJ
 Sample : I1265-05RE
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-3WSRE

Quant Time: Jan 23 03:08:04 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

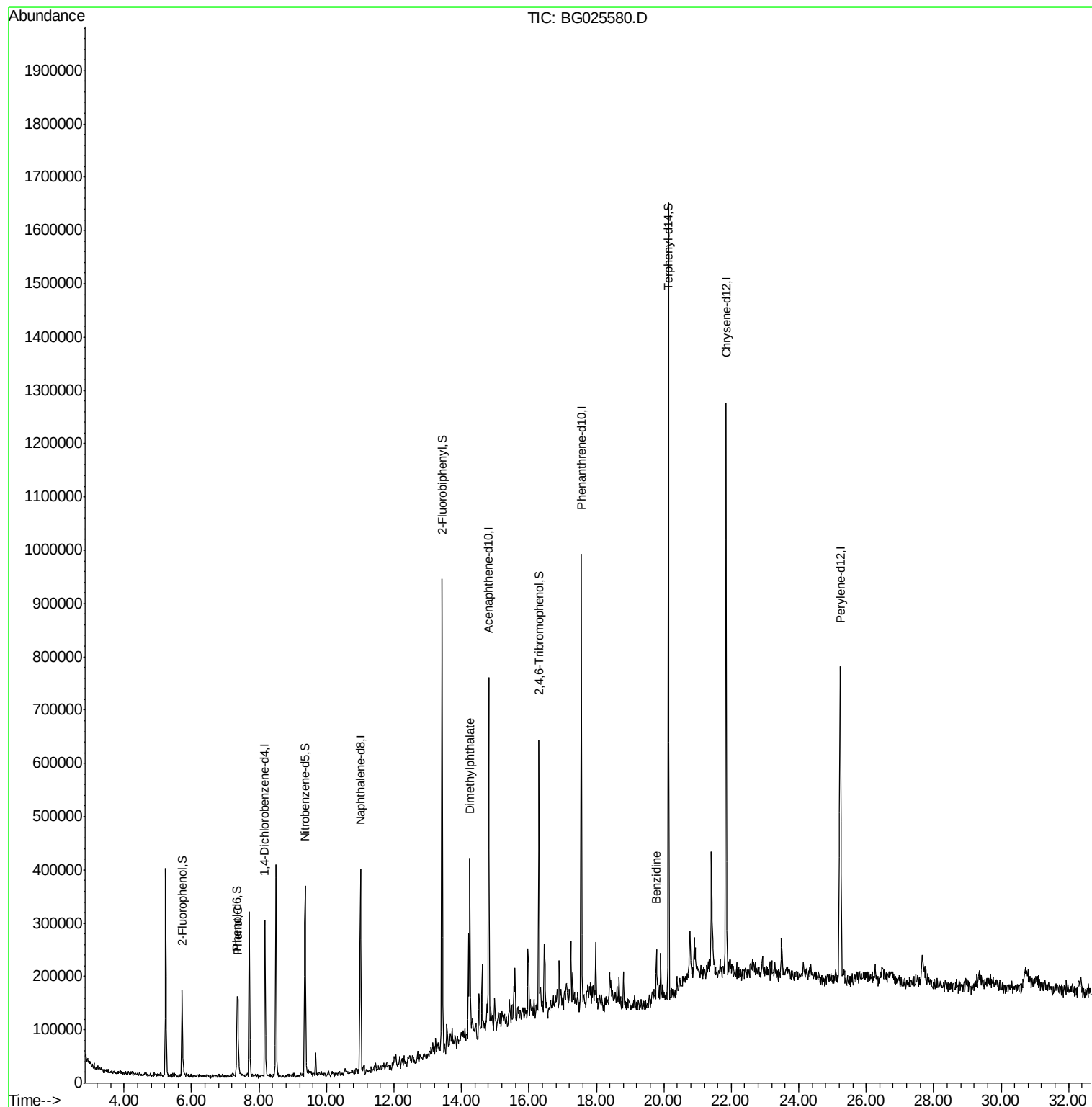
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	75887	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	297885	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	234142	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	519116	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	718036	20.00	ng	-0.02
86) Perylene-d12	25.23	264	751058	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	68741	16.47	ng	-0.02
7) Phenol-d6	7.35	99	77065	13.11	ng	-0.01
23) Nitrobenzene-d5	9.37	82	242168	35.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	101559	26.94	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	436313	30.17	ng	-0.02
78) Terphenyl-d14	20.14	244	646411	23.87	ng	-0.02
Target Compounds						
10) Phenol	7.37	94	63035	9.67	ng	Qvalue 90
49) Dimethylphthalate	14.25	163	198176	11.61	ng	96
76) Benzidine	19.78	184	63776	3.56	ng	# 94

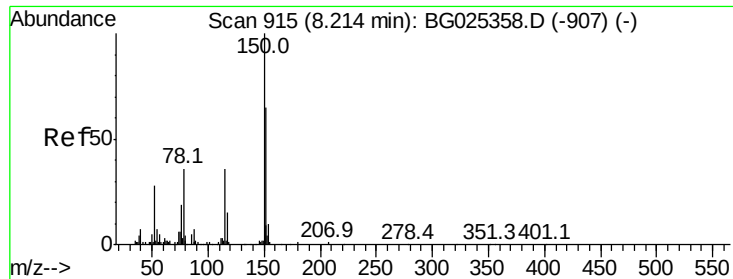
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG025580.D

Acq: 21 Jan 2017 19:25

Instrument :

BNA_G

ClientSampleId :

B-3WSRE

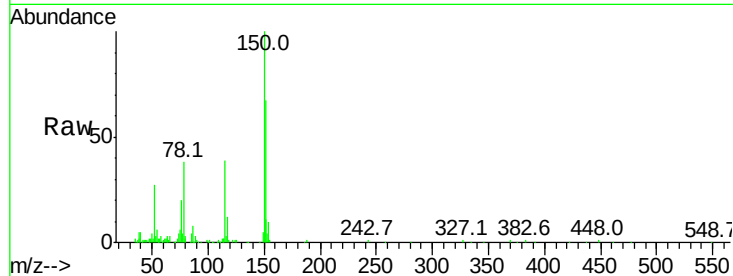
Tot Ion:152 Resp: 75887

Ion Ratio Lower Upper

152 100

150 149.1 114.0 171.0

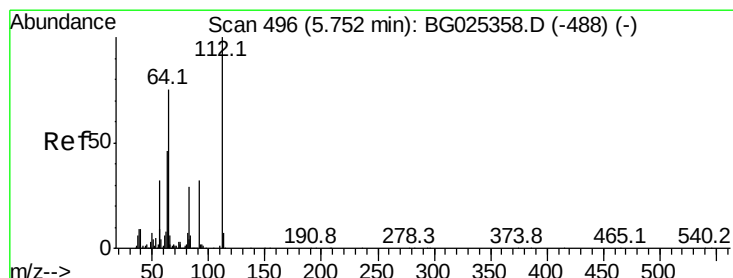
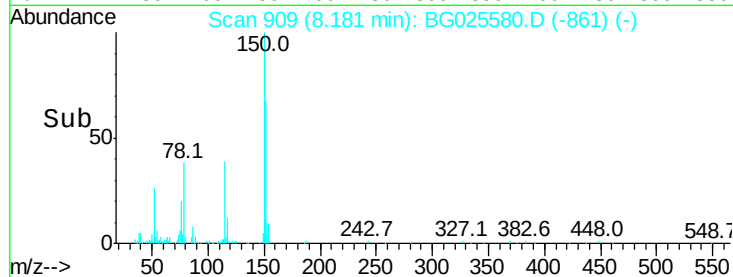
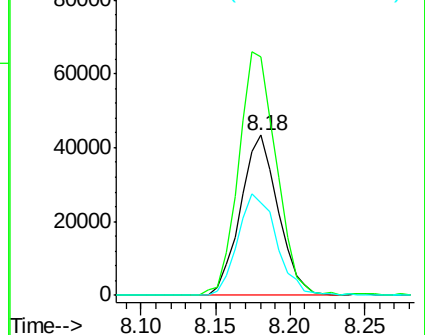
115 58.0 48.1 72.1



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: 16.47 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

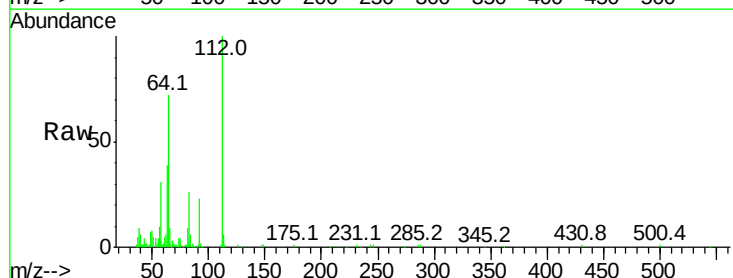
Tgt Ion:112 Resp: 68741

Ion Ratio Lower Upper

112 100

64 71.9 61.8 92.6

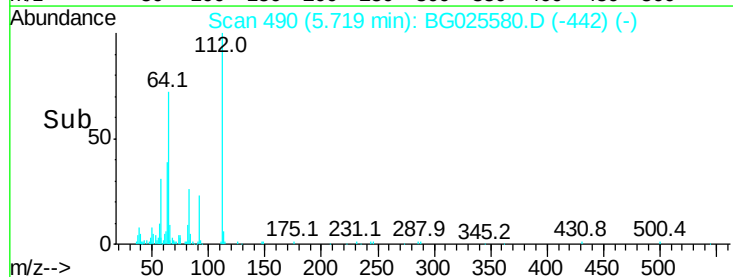
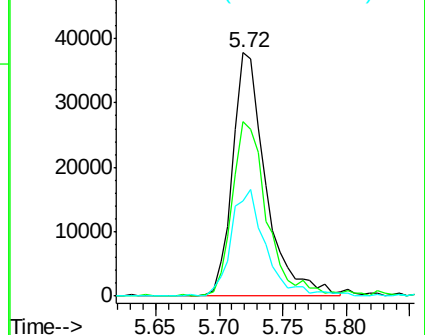
63 39.1 37.2 55.8

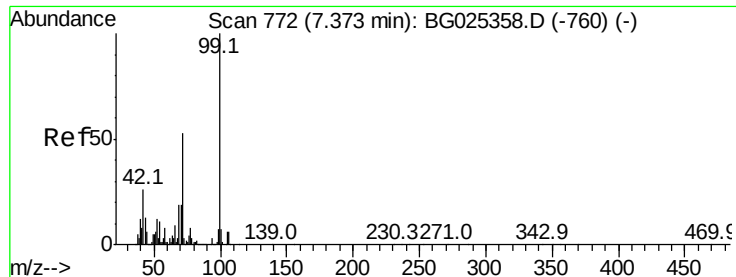


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 13.11 ng

RT: 7.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

Instrument :

BNA_G

ClientSampled :

B-3WSRE

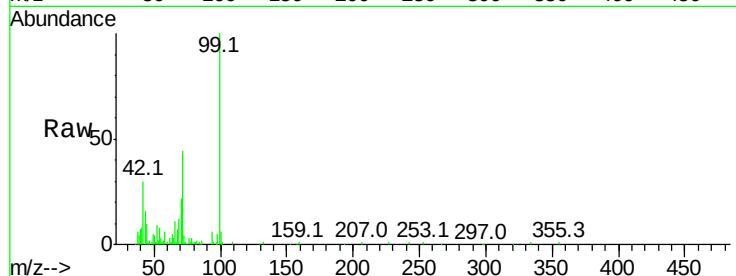
Tot Ion: 99 Resp: 77065

Ion Ratio Lower Upper

99 100

42 30.4 20.5 30.7

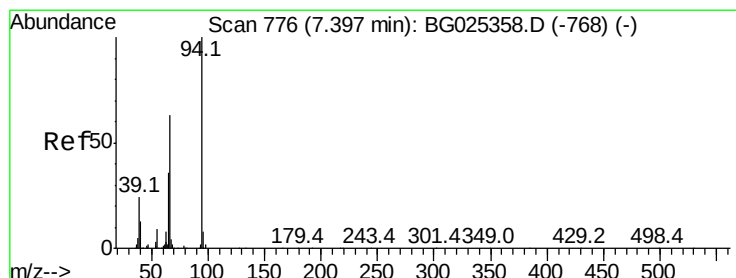
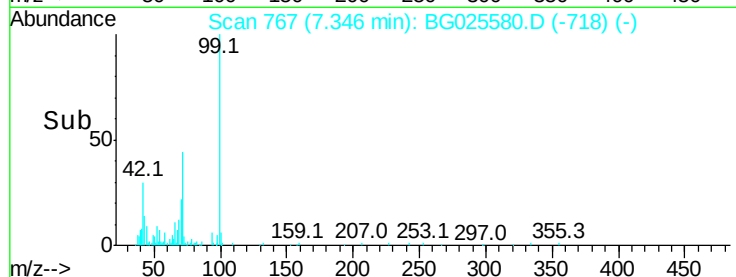
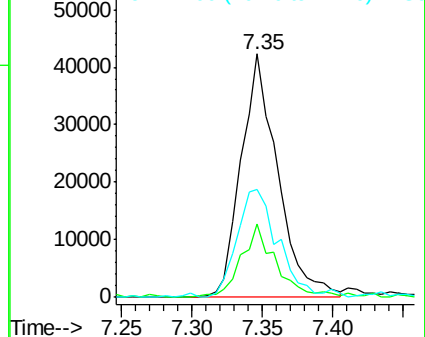
71 44.2 37.6 56.4



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



#10

Phenol

Concen: 9.67 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.02 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

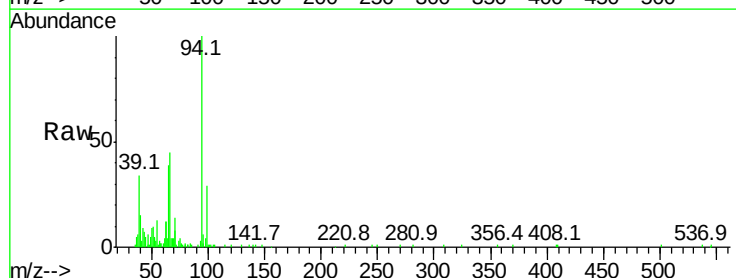
Tgt Ion: 94 Resp: 63035

Ion Ratio Lower Upper

94 100

65 38.8 20.6 60.6

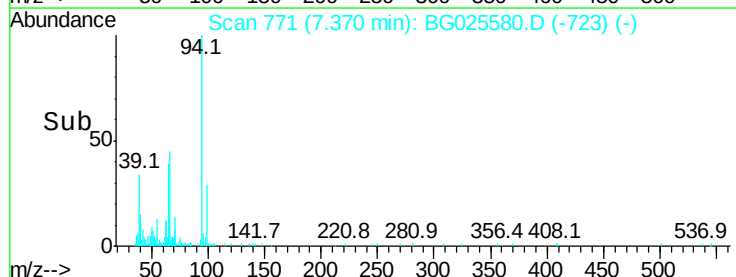
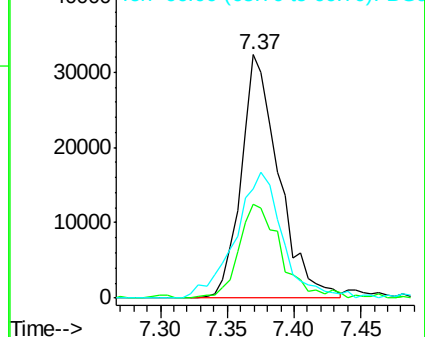
66 44.8 35.5 75.5

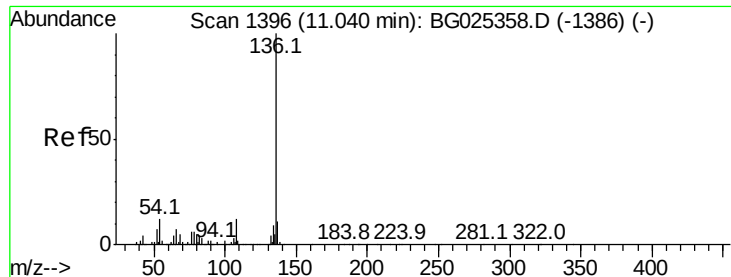


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.01 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

Instrument :

BNA_G

ClientSampleId :

B-3WSRE

Tot Ion:136 Resp: 297885

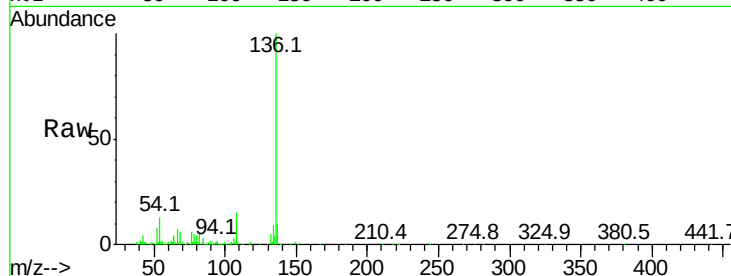
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 13.0 9.3 13.9

68 6.0 5.1 7.7

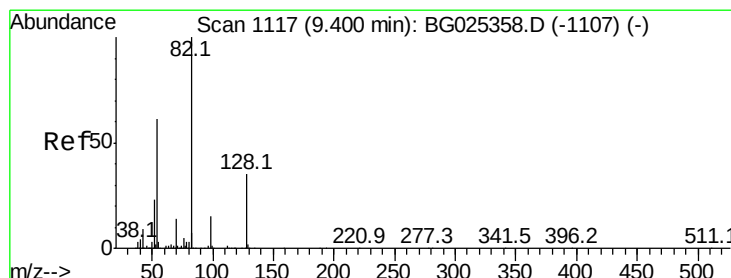
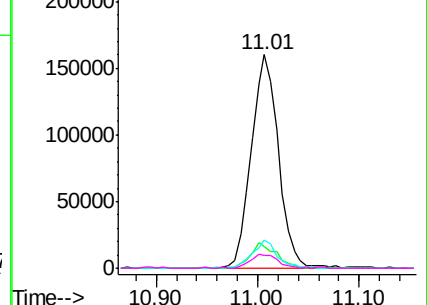
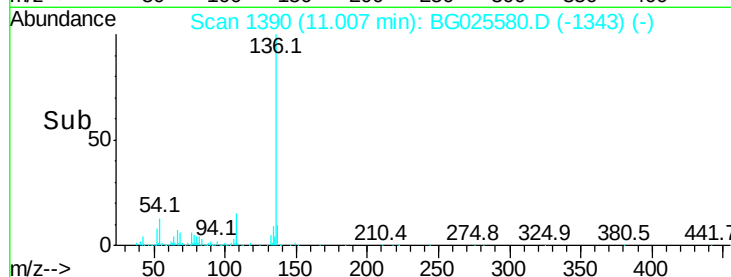


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 35.91 ng

RT: 9.37 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

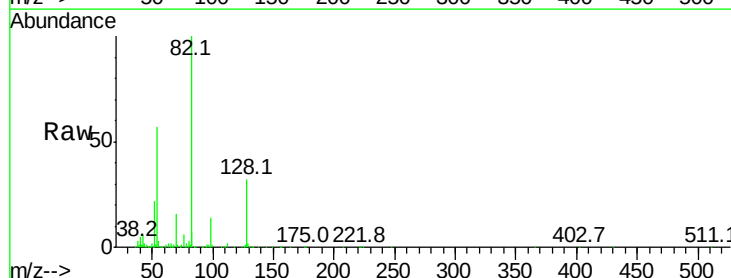
Tgt Ion: 82 Resp: 242168

Ion Ratio Lower Upper

82 100

128 31.9 26.4 39.6

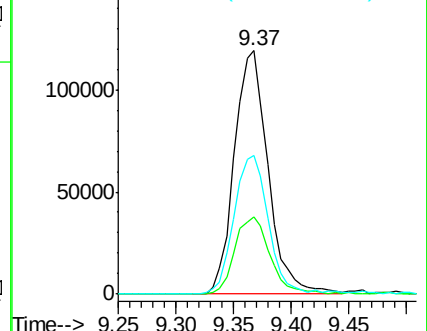
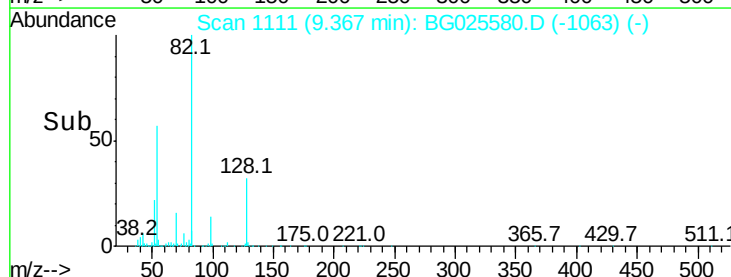
54 56.8 49.4 74.2

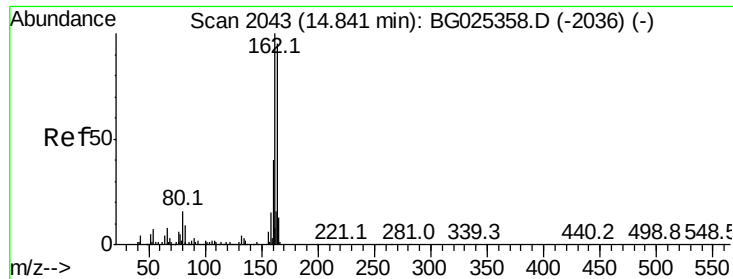


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

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: BG025580.D

Acq: 21 Jan 2017 19:25

Instrument :

BNA_G

ClientSampleId :

B-3WSRE

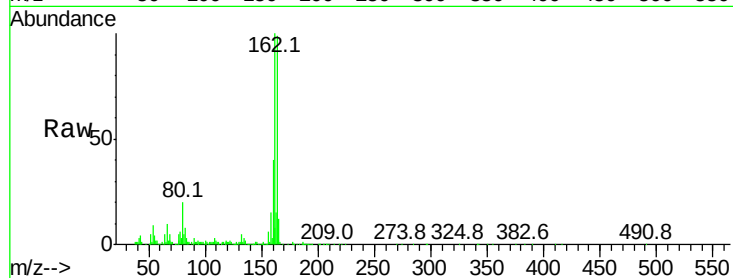
Tot Ion:164 Resp: 234142

Ion Ratio Lower Upper

164 100

162 100.7 85.1 127.7

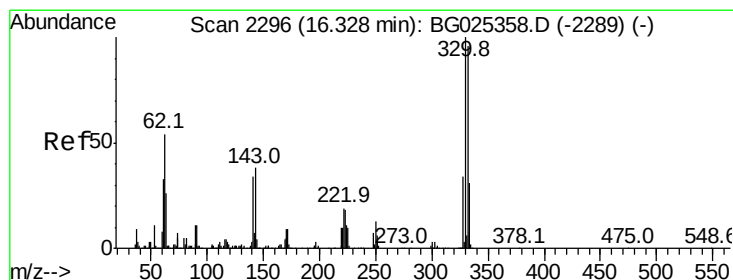
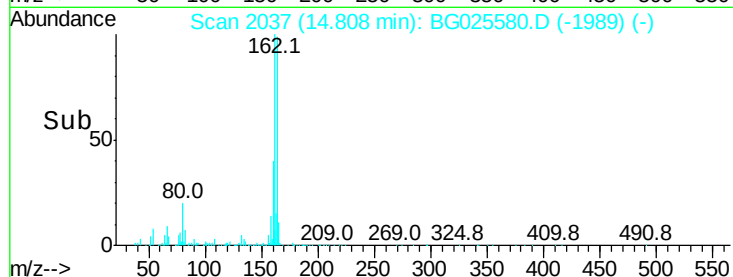
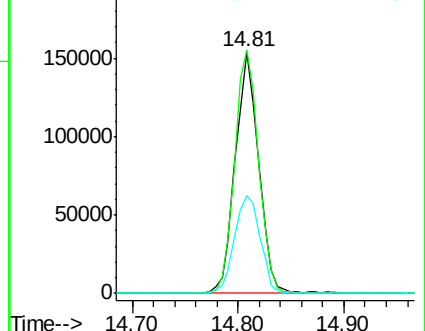
160 40.5 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 26.94 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.02 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

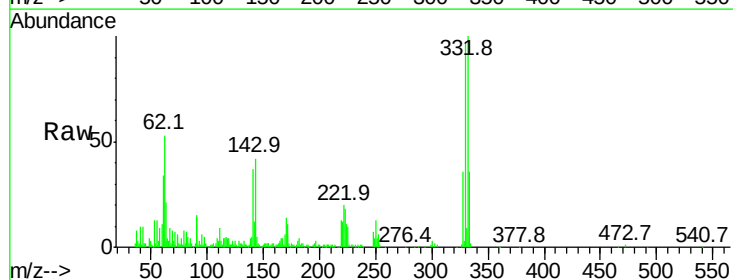
Tgt Ion:330 Resp: 101559

Ion Ratio Lower Upper

330 100

332 97.9 77.3 115.9

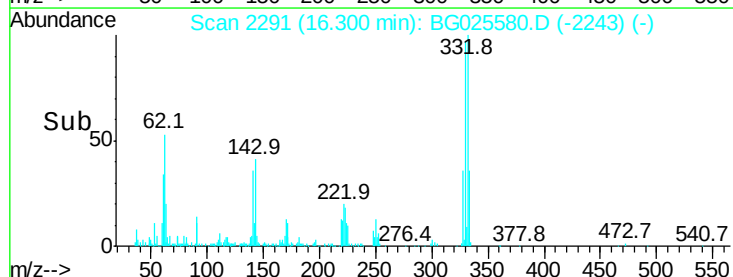
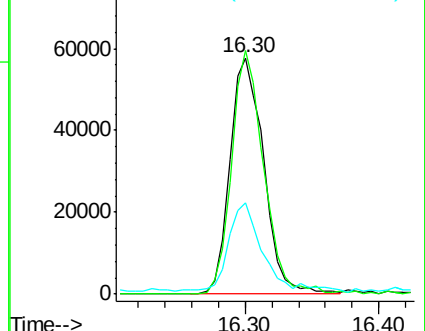
141 38.9 32.1 48.1

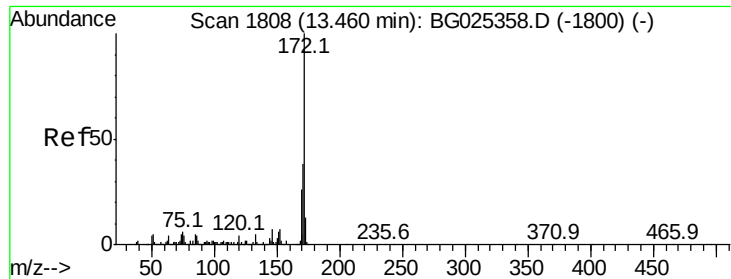


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

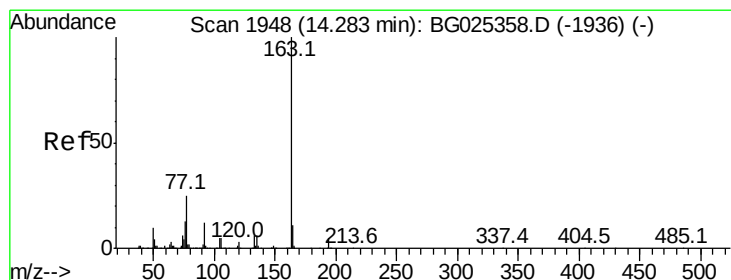
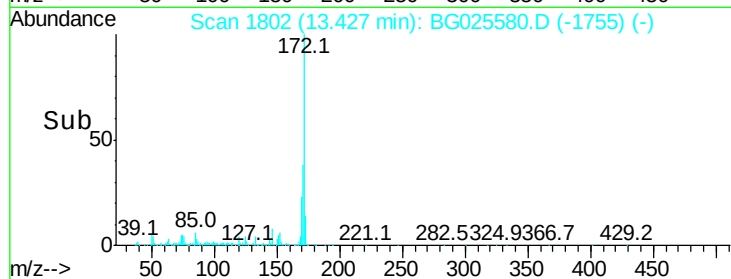
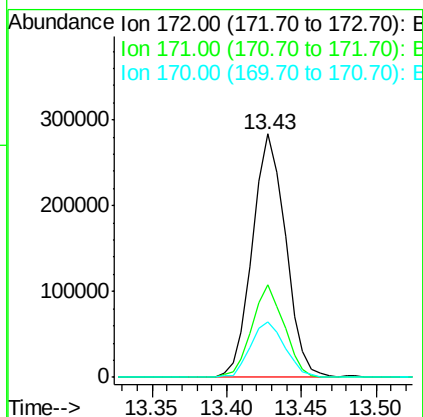
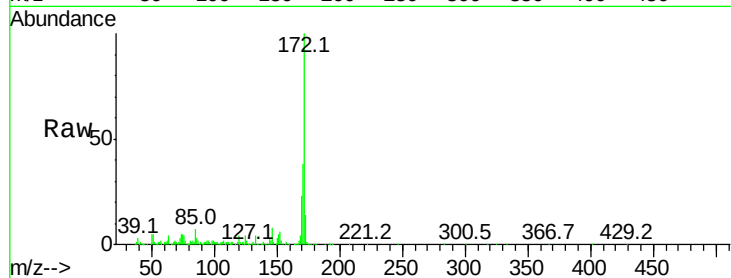




#44
2-Fluorobiphenyl
Concen: 30.17 ng
RT: 13.43 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG025580.D
Acq: 21 Jan 2017 19:25

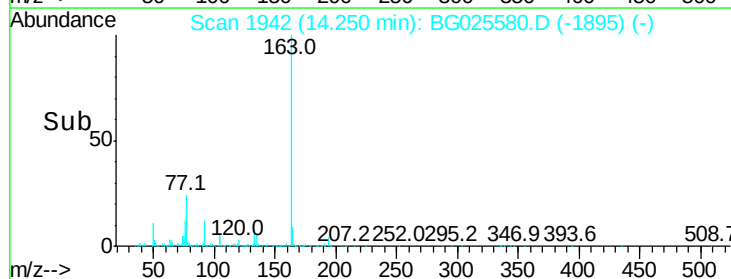
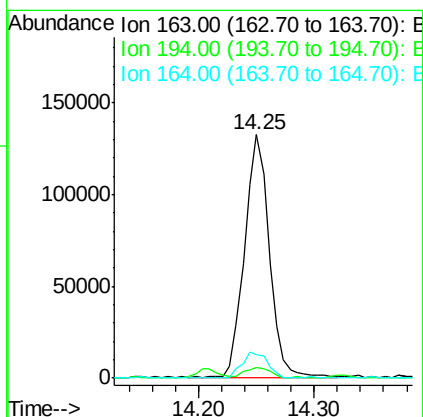
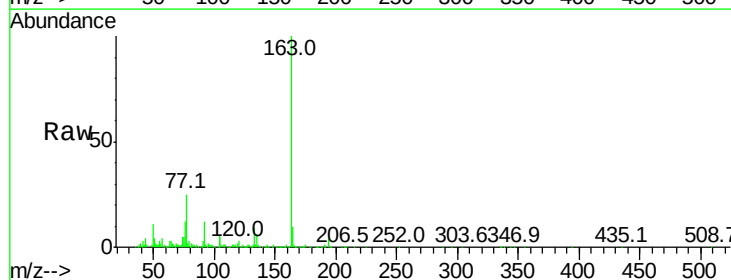
Instrument :
BNA_G
ClientSampleId :
B-3WSRE

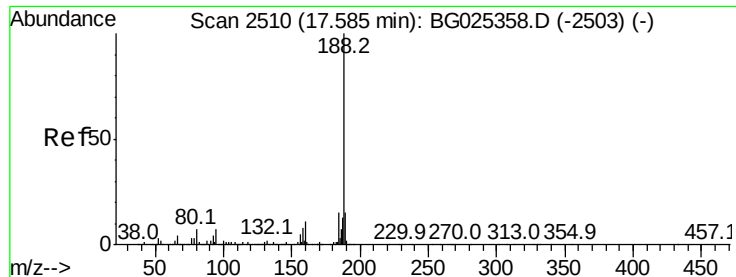
Tot Ion:172 Resp: 436313
Ion Ratio Lower Upper
172 100
171 37.8 32.2 48.2
170 22.6 21.8 32.6



#49
Dimethylphthalate
Concen: 11.61 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG025580.D
Acq: 21 Jan 2017 19:25

Tgt Ion:163 Resp: 198176
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.6
164 9.6 9.3 13.9

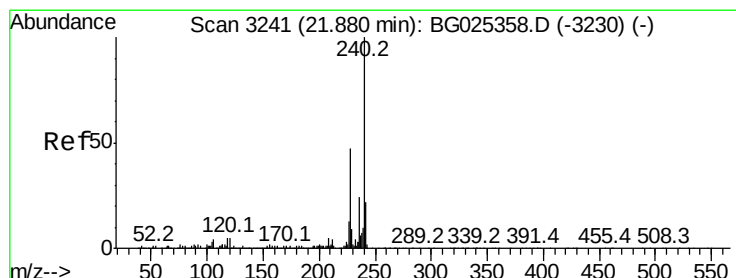
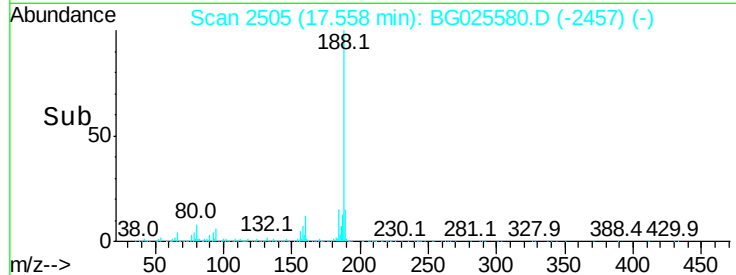
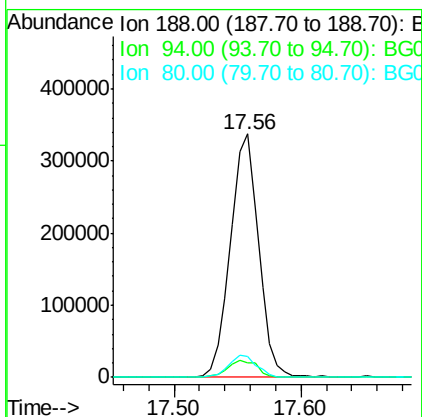
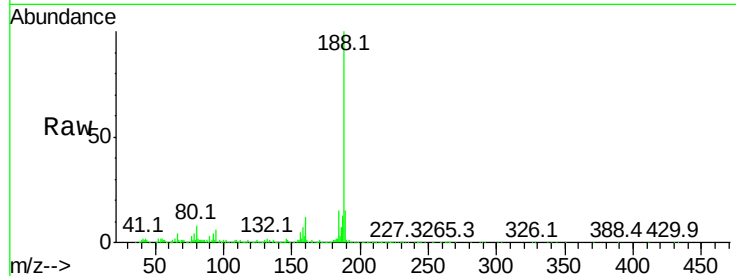




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025580.D
Acq: 21 Jan 2017 19:25

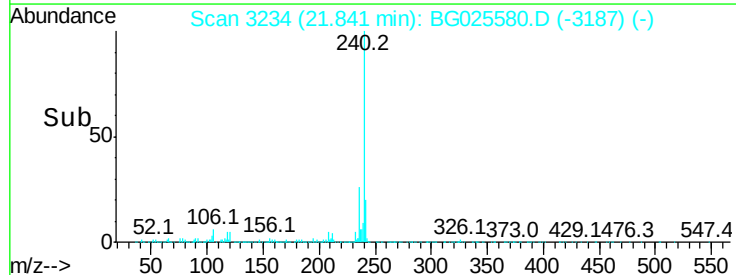
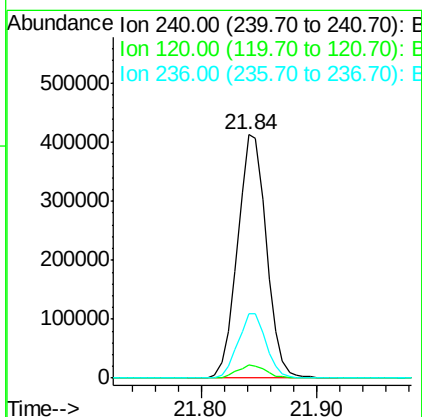
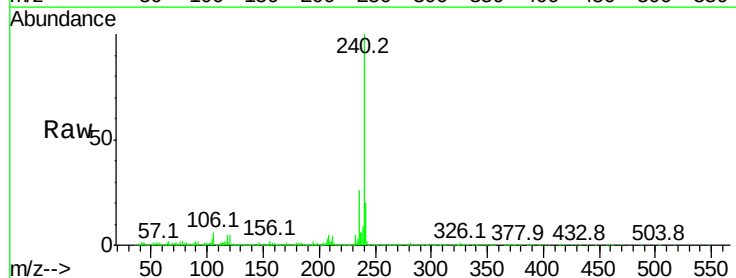
Instrument :
BNA_G
ClientSampleId :
B-3WSRE

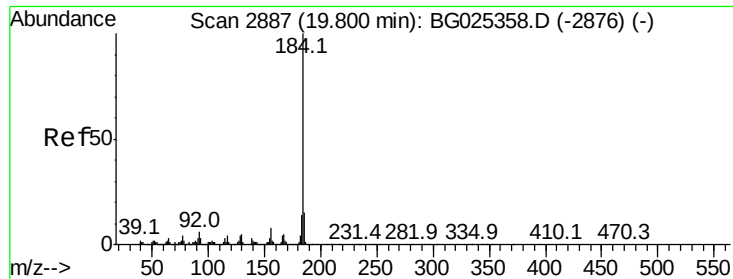
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.8	8.8
80	8.4	7.5	11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.02 min
Lab File: BG025580.D
Acq: 21 Jan 2017 19:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.7	8.5#
236	26.3	22.2	33.4





#76

Benzidine

Concen: 3.56 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

Instrument :

BNA_G

ClientSampleId :

B-3WSRE

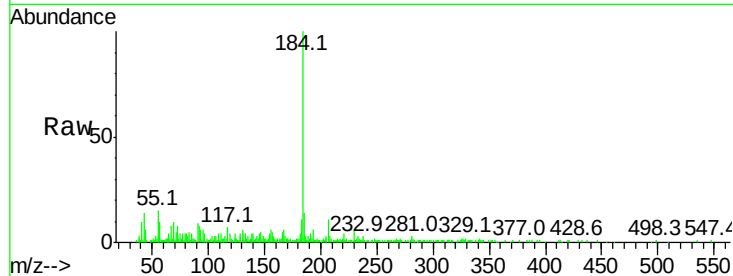
Tot Ion:184 Resp: 63776

Ion Ratio Lower Upper

184 100

185 14.3 13.0 19.6

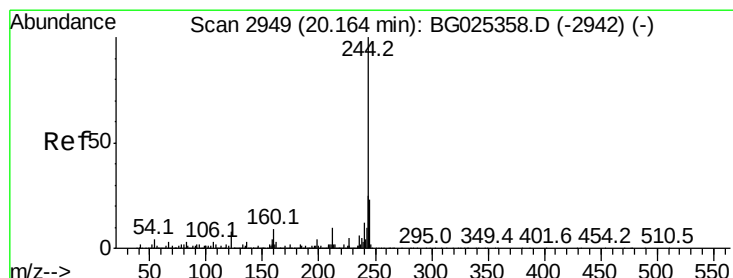
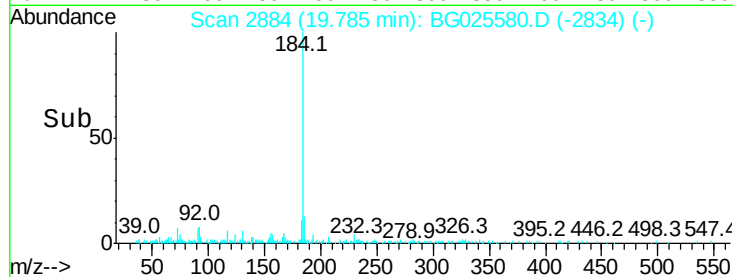
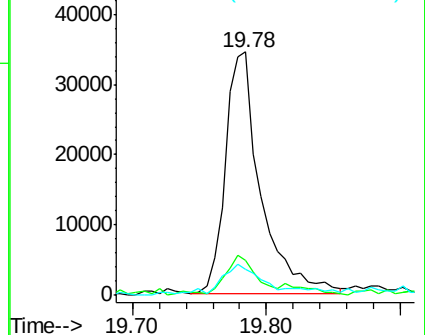
183 10.6 11.0 16.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 23.87 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025580.D

Acq: 21 Jan 2017 19:25

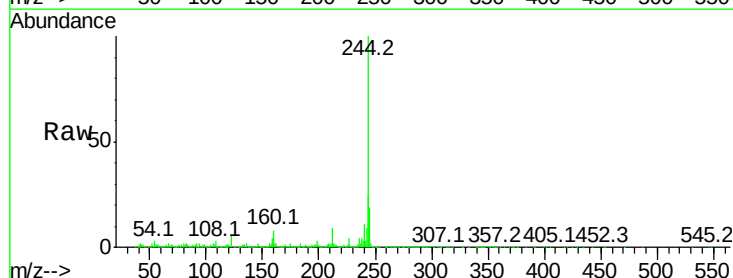
Tgt Ion:244 Resp: 646411

Ion Ratio Lower Upper

244 100

212 9.0 10.0 15.0#

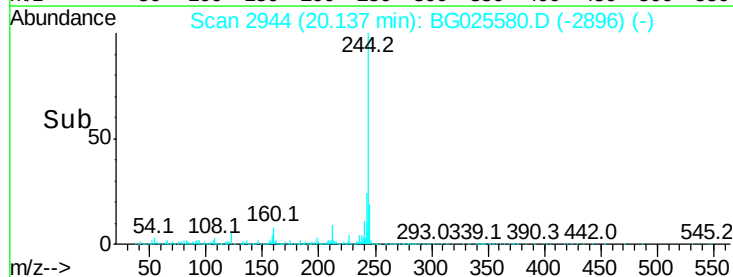
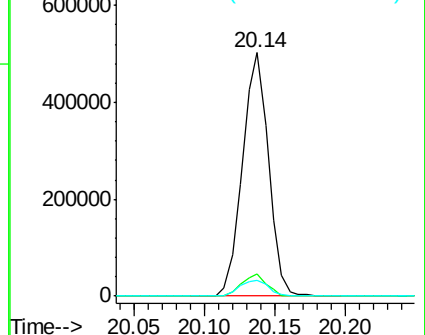
122 6.3 8.6 12.8#

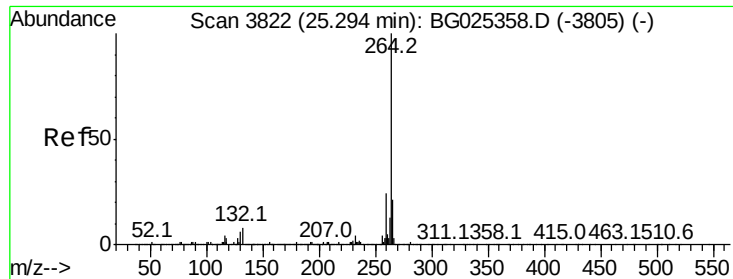


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3810
Delta R.T. -0.04 min
Lab File: BG025580.D
Acq: 21 Jan 2017 19:25

Instrument :
BNA_G
ClientSampleId :
B-3WSRE

Tot Ion: 264 Resp: 751058

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	22.5	18.2	27.4

