

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011017\
 Data File : BG025459.D
 Acq On : 10 Jan 2017 19:42
 Operator : UM/SJ
 Sample : PB95862TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95862TB

Quant Time: Jan 10 23:05:02 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

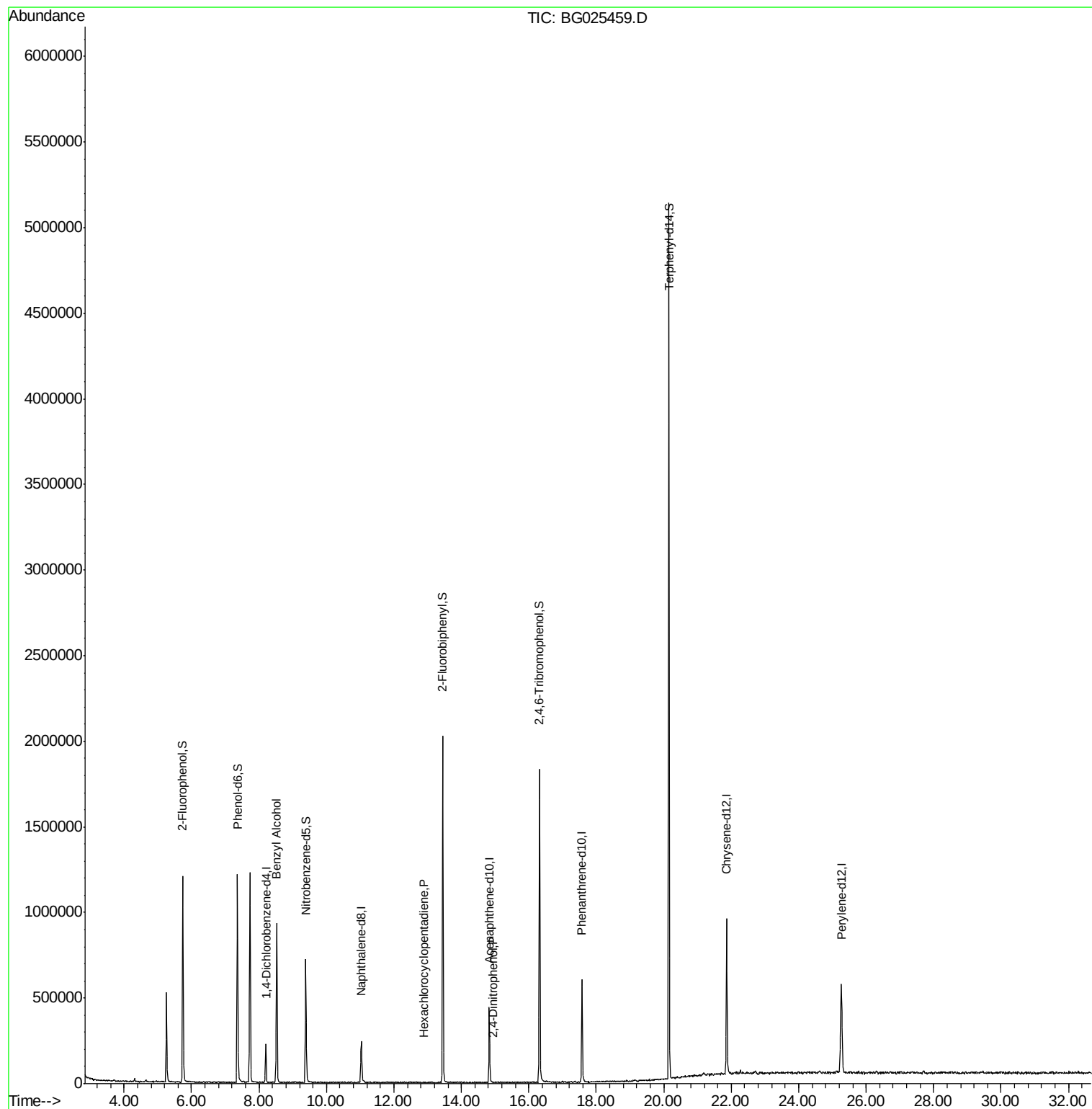
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	54269	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	217211	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	163830	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	410320	20.00	ng	0.00
75) Chrysene-d12	21.86	240	629897	20.00	ng	0.00
86) Perylene-d12	25.26	264	667745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	468679	156.98	ng	0.00
7) Phenol-d6	7.36	99	634426	150.88	ng	0.00
23) Nitrobenzene-d5	9.38	82	461542	93.87	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	387834	147.04	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	998436	98.67	ng	0.00
78) Terphenyl-d14	20.15	244	2094811	88.18	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.52	79	8976	2.24	ng	# 53
40) Hexachlorocyclopentadiene	12.90	237	96	8.55	ng	# 29
53) 2,4-Dinitrophenol	14.95	184	71	5.12	ng	# 26

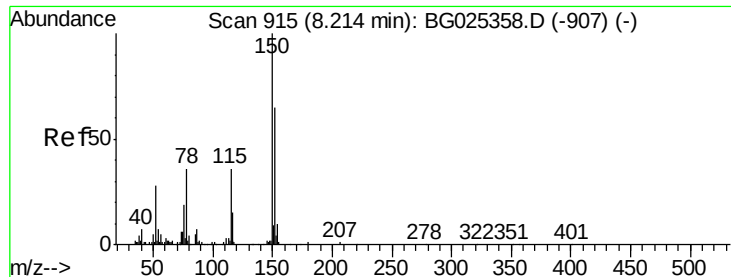
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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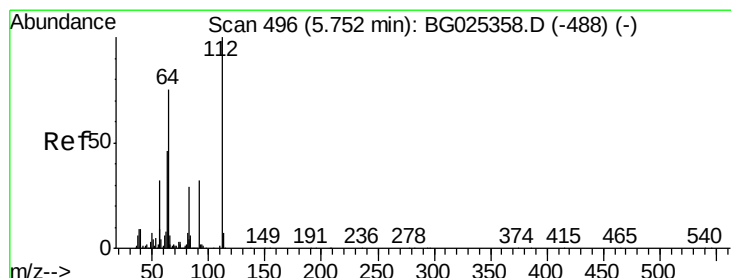
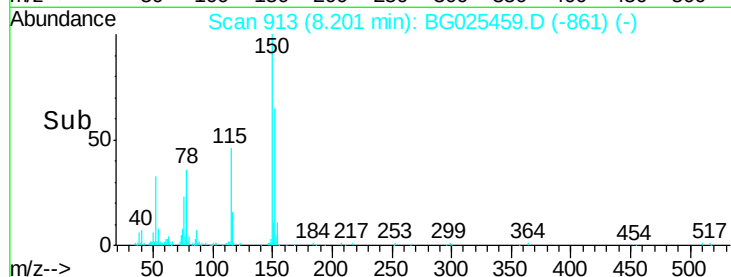
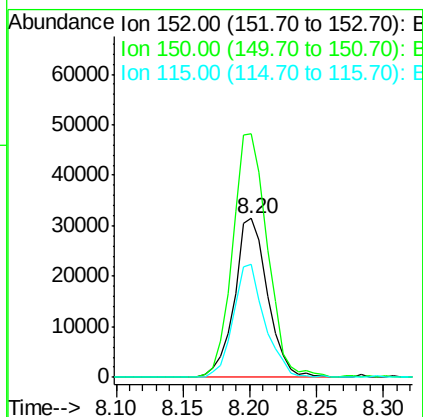
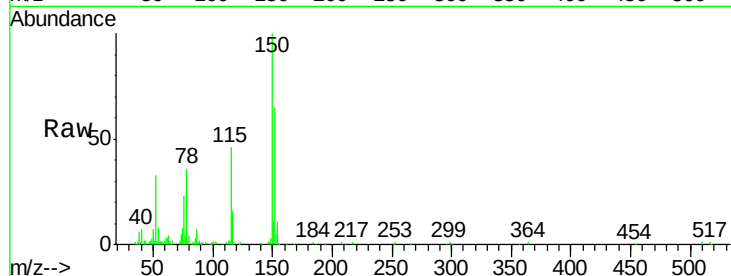


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. 0.00 min
Lab File: BG025459.D
Acq: 10 Jan 2017 19:42

Instrument :
BNA_G
ClientSampleId :
PB95862TB

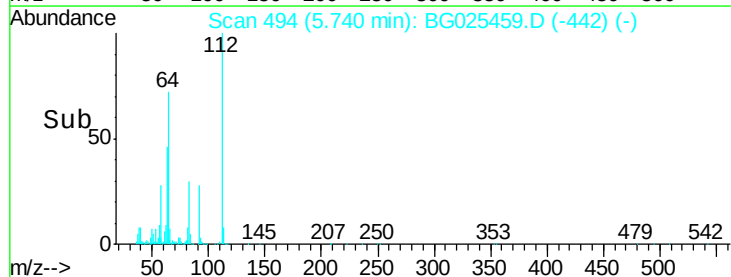
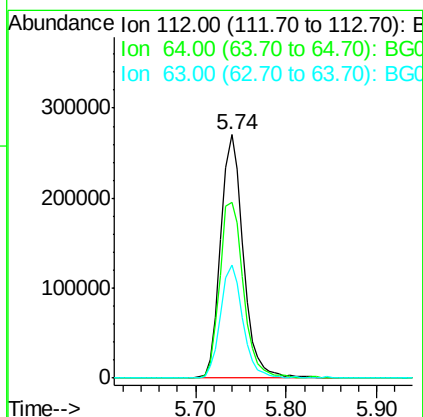
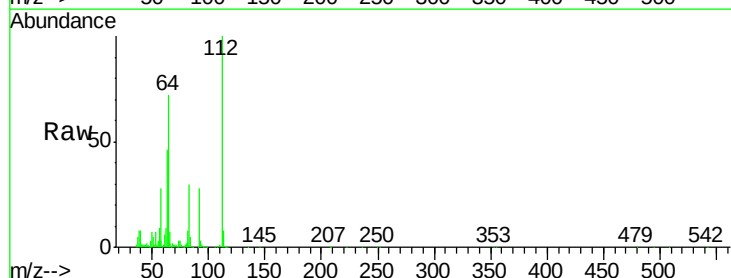
Tgt Ion:152 Resp: 54269
Ion Ratio Lower Upper
152 100
150 153.2 114.0 171.0
115 71.1 48.1 72.1

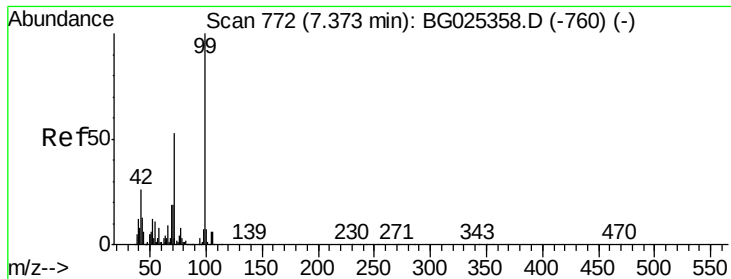


#5

2-Fluorophenol
Concen: 156.98 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.00 min
Lab File: BG025459.D
Acq: 10 Jan 2017 19:42

Tgt Ion:112 Resp: 468679
Ion Ratio Lower Upper
112 100
64 72.4 61.8 92.6
63 46.4 37.2 55.8





#7

Phenol-d6

Concen: 150.88 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025459.D

Acq: 10 Jan 2017 19:42

Instrument :

BNA_G

ClientSampleId :

PB95862TB

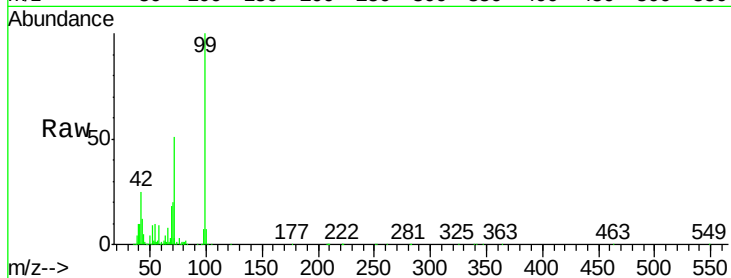
Tgt Ion: 99 Resp: 634426

Ion Ratio Lower Upper

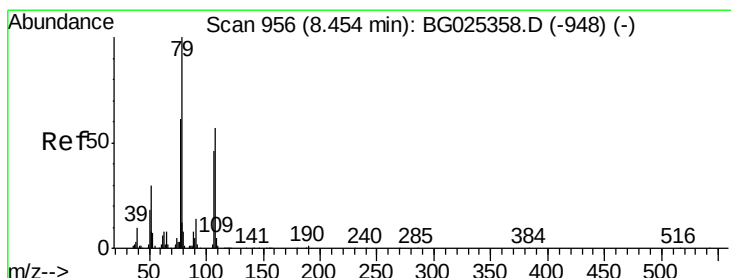
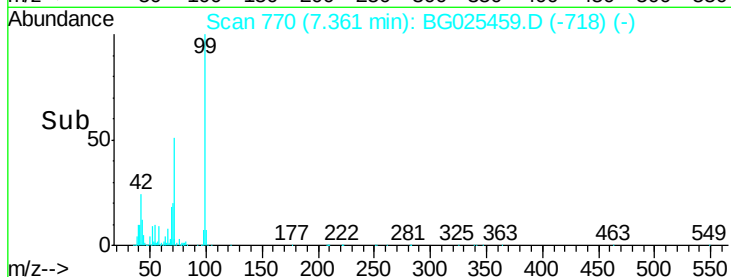
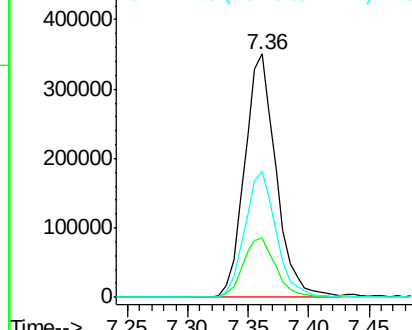
99 100

42 24.6 20.5 30.7

71 51.4 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



#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 8.52 min Scan# 968

Delta R.T. 0.08 min

Lab File: BG025459.D

Acq: 10 Jan 2017 19:42

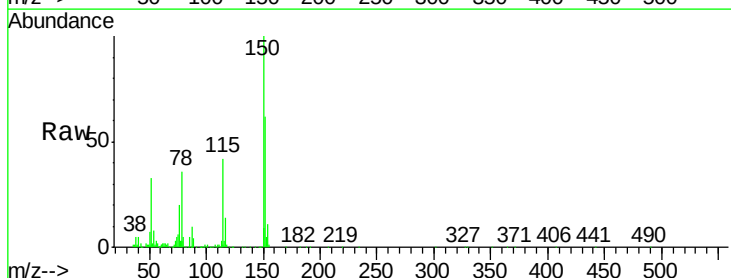
Tgt Ion: 79 Resp: 8976

Ion Ratio Lower Upper

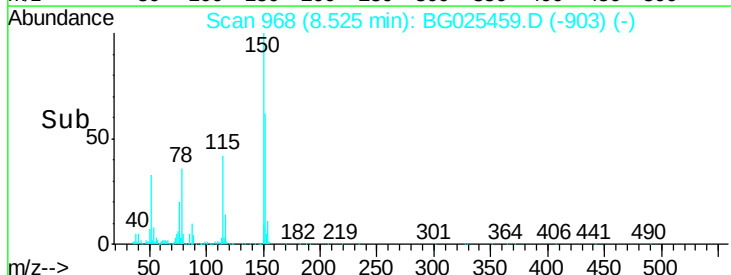
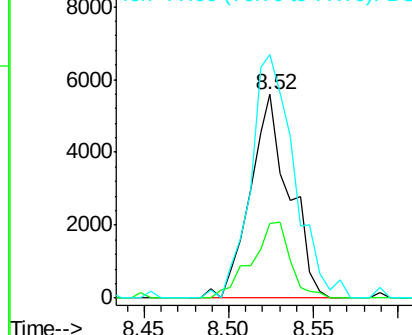
79 100

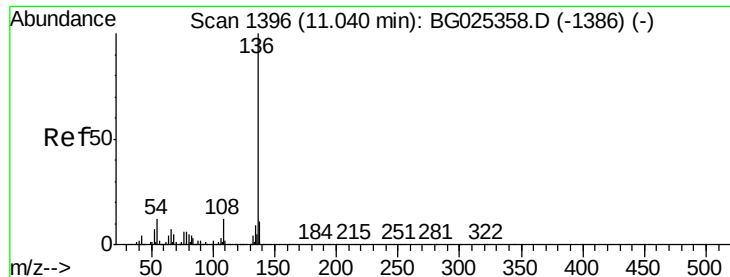
108 36.9 45.5 68.3#

77 119.7 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

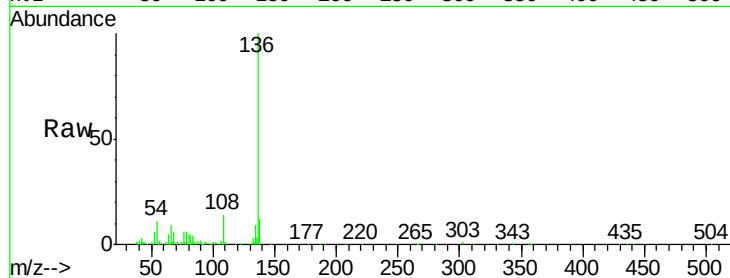




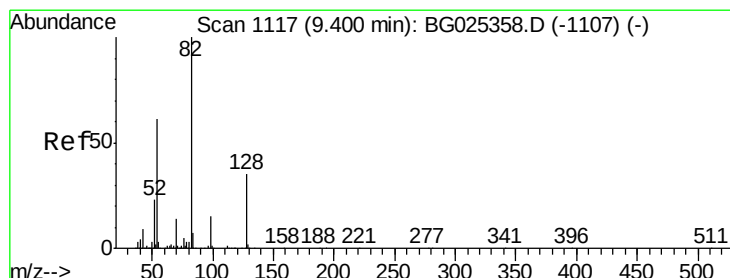
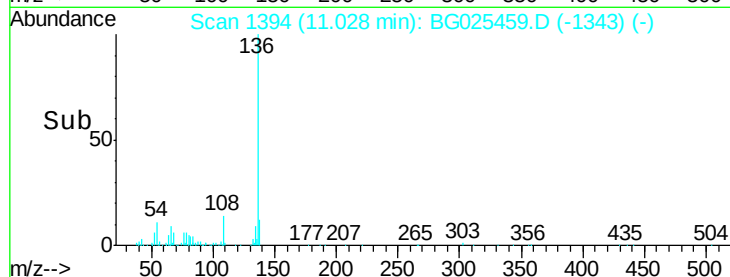
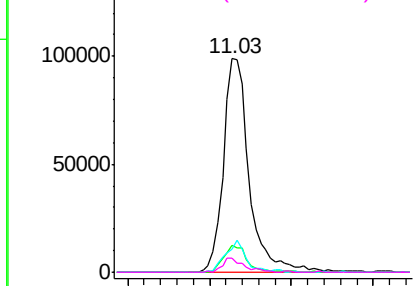
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025459.D
Acq: 10 Jan 2017 19:42

Instrument :
BNA_G
ClientSampleId :
PB95862TB

Tgt Ion:	136	Resp:	217211
Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.9	13.3
54	10.7	9.3	13.9
68	6.5	5.1	7.7

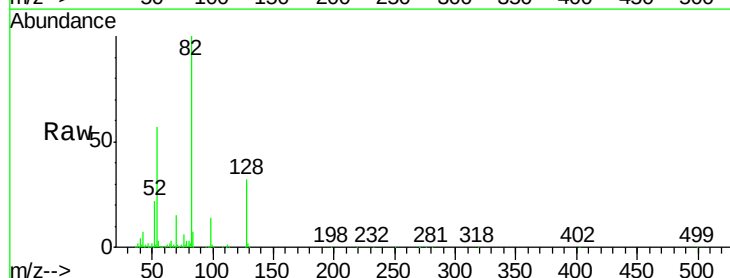


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

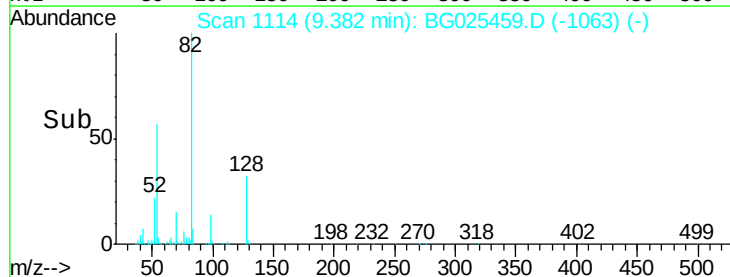
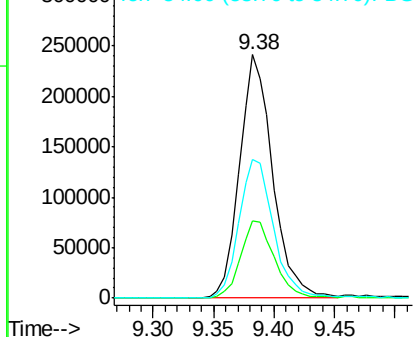


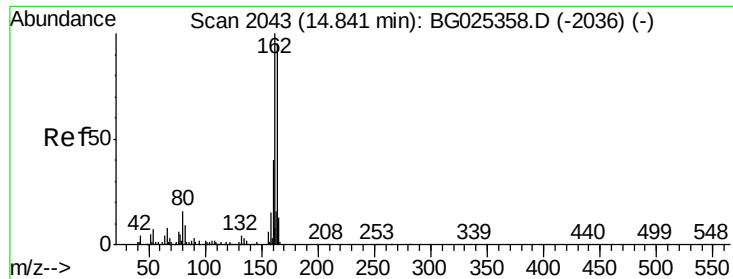
#23
Nitrobenzene-d5
Concen: 93.87 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG025459.D
Acq: 10 Jan 2017 19:42

Tgt Ion:	82	Resp:	461542
Ion	Ratio	Lower	Upper
82	100		
128	31.8	26.4	39.6
54	56.7	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BG025459.D

Acq: 10 Jan 2017 19:42

Instrument :

BNA_G

ClientSampleId :

PB95862TB

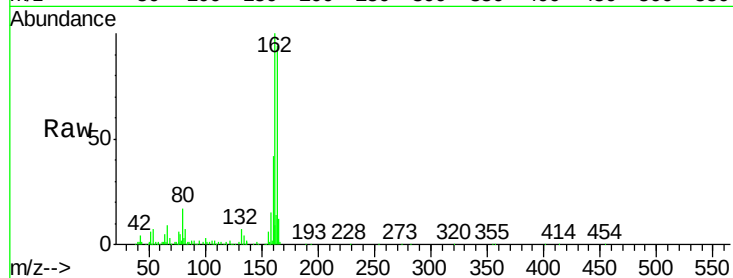
Tgt Ion:164 Resp: 163830

Ion Ratio Lower Upper

164 100

162 105.9 85.1 127.7

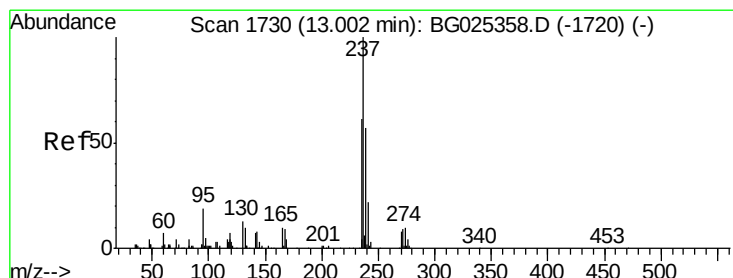
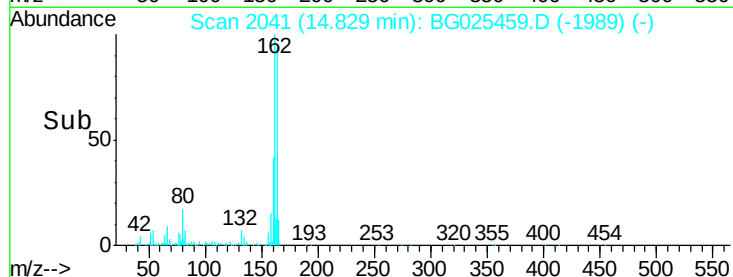
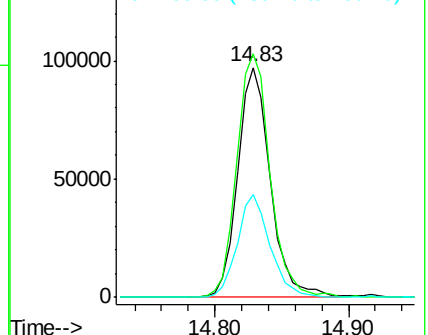
160 44.8 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 8.55 ng

RT: 12.90 min Scan# 1712

Delta R.T. -0.10 min

Lab File: BG025459.D

Acq: 10 Jan 2017 19:42

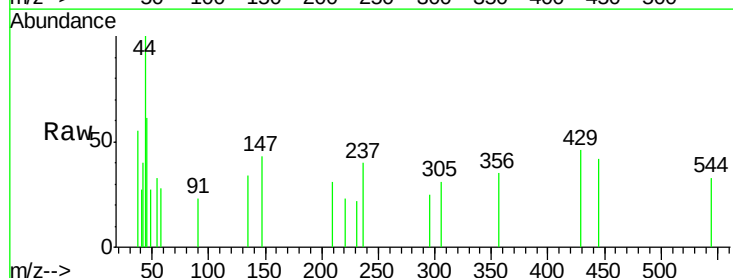
Tgt Ion:237 Resp: 96

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

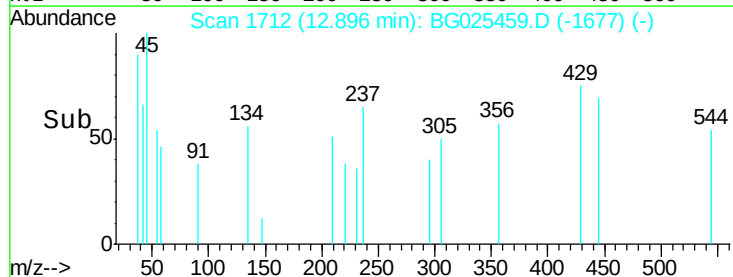
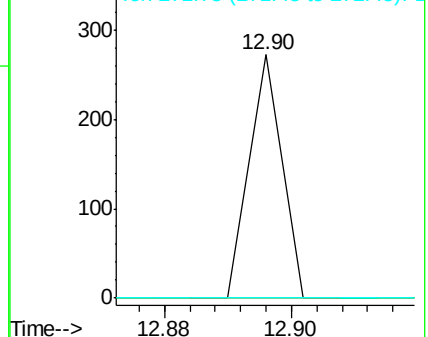
272 0.0 0.0 32.0

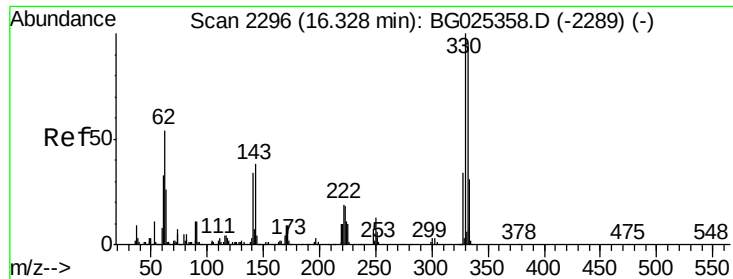


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

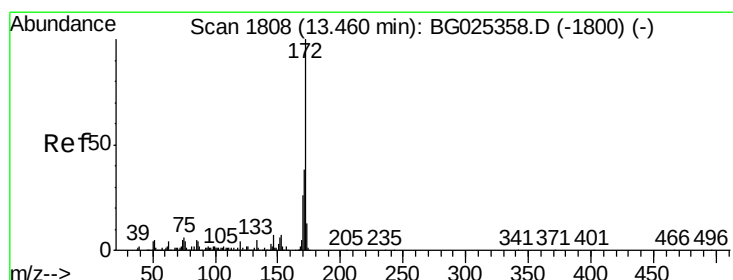
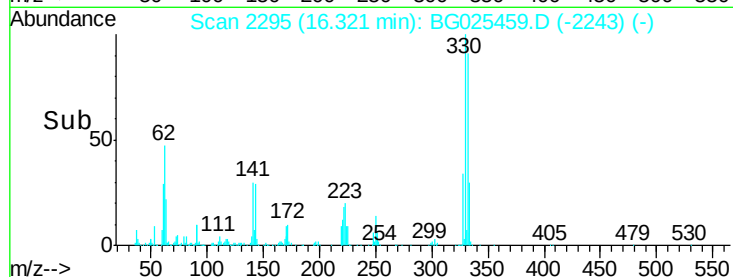
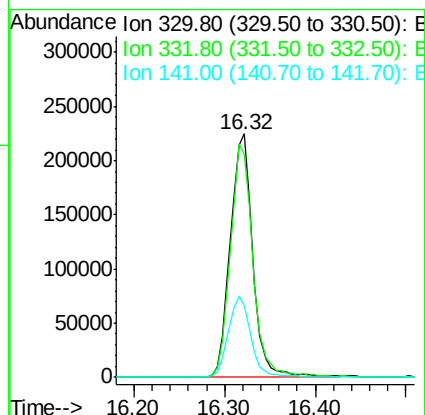
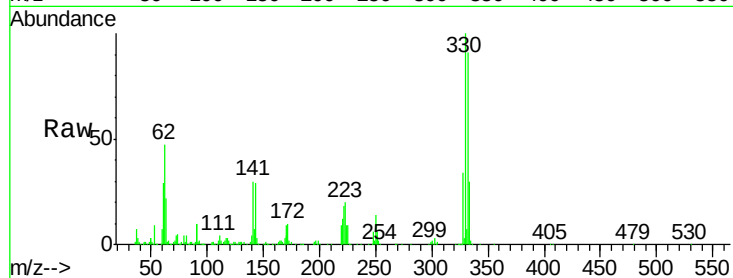




#41
 2,4,6-Tribromophenol
 Concen: 147.04 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. 0.00 min
 Lab File: BG025459.D
 Acq: 10 Jan 2017 19:42

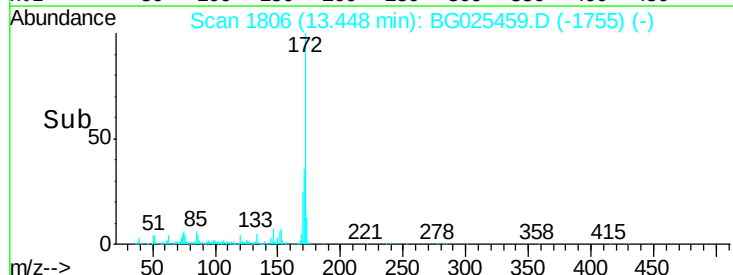
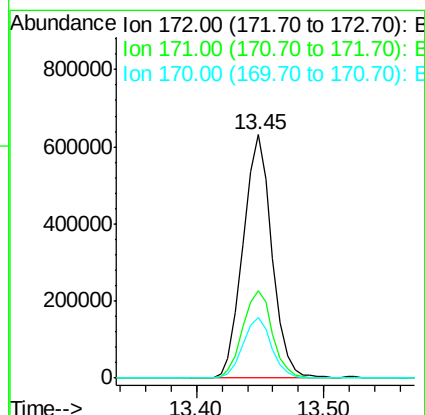
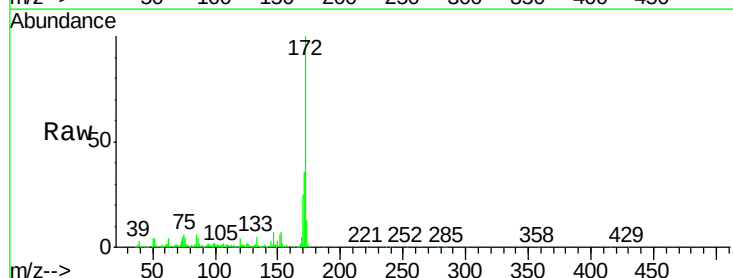
Instrument :
 BNA_G
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 PB95862TB

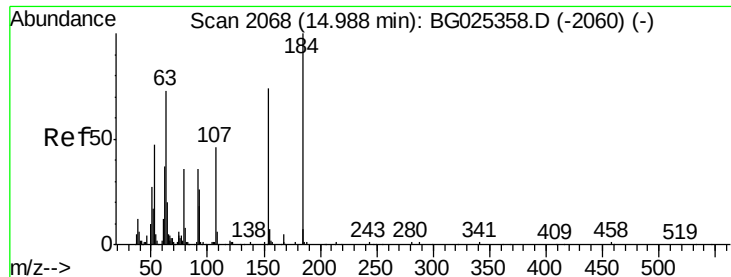
Tgt Ion:330 Resp: 387834
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 33.5 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 98.67 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG025459.D
 Acq: 10 Jan 2017 19:42

Tgt Ion:172 Resp: 998436
 Ion Ratio Lower Upper
 172 100
 171 36.2 32.2 48.2
 170 24.7 21.8 32.6

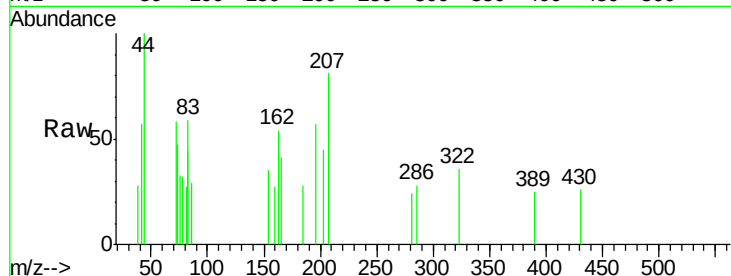




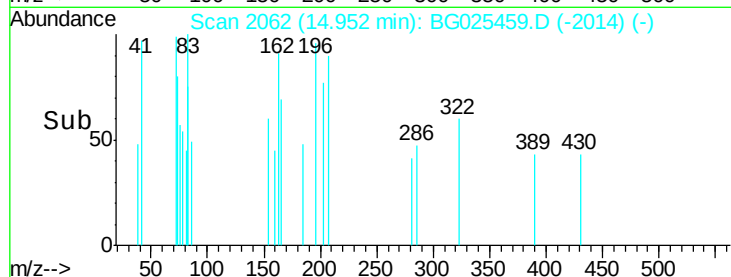
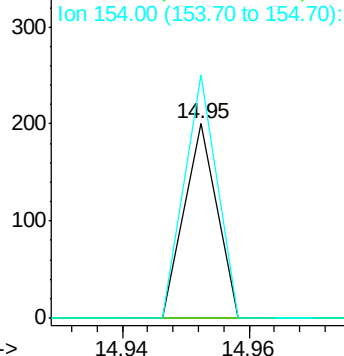
#53
2,4-Dinitrophenol
Concen: 5.12 ng
RT: 14.95 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BG025459.D
Acq: 10 Jan 2017 19:42

Instrument :
BNA_G
ClientSampleId :
PB95862TB

Tgt Ion:184 Resp: 71
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 125.5 57.3 85.9#

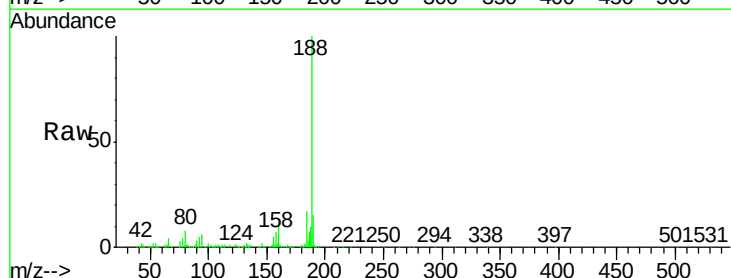
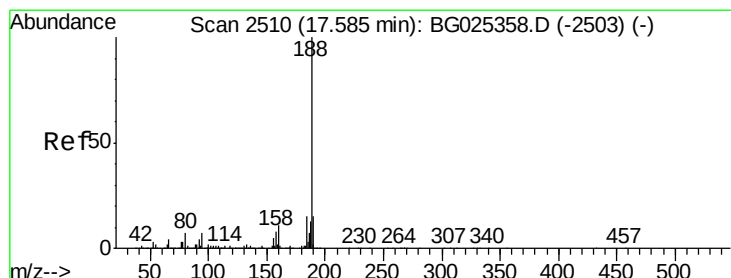


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

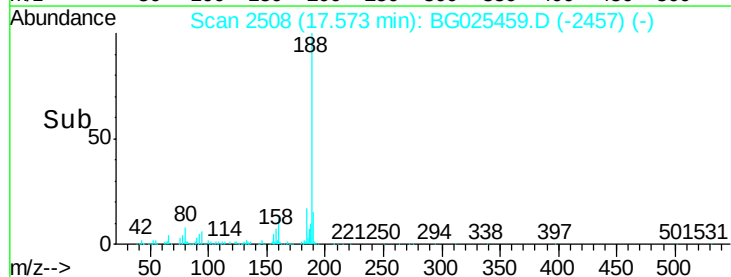
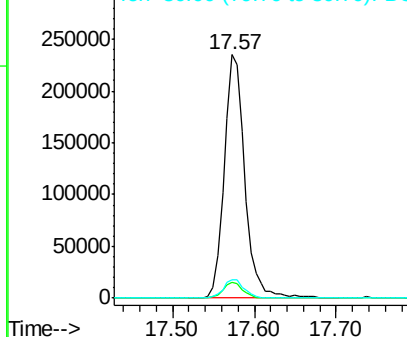


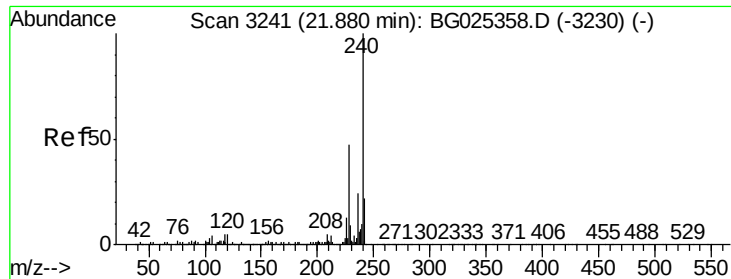
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG025459.D
Acq: 10 Jan 2017 19:42

Tgt Ion:188 Resp: 410320
Ion Ratio Lower Upper
188 100
94 6.3 5.8 8.8
80 7.8 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG025459.D

Acq: 10 Jan 2017 19:42

Instrument :

BNA_G

ClientSampleId :

PB95862TB

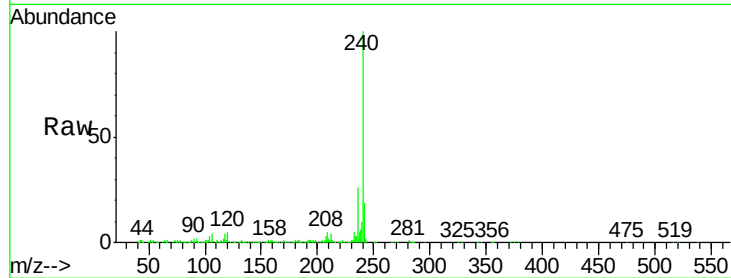
Tgt Ion:240 Resp: 629897

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

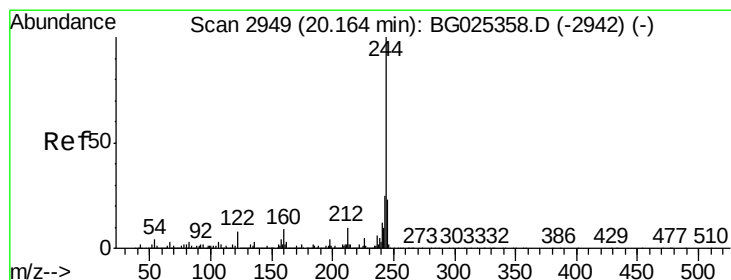
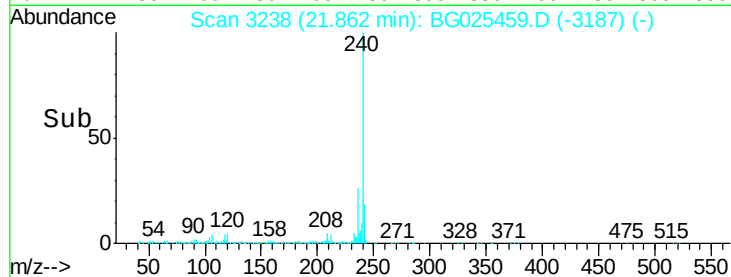
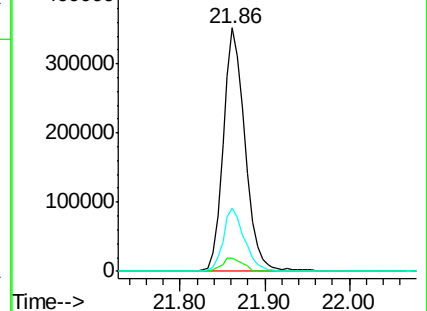
236 25.9 22.2 33.4



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: 88.18 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025459.D

Acq: 10 Jan 2017 19:42

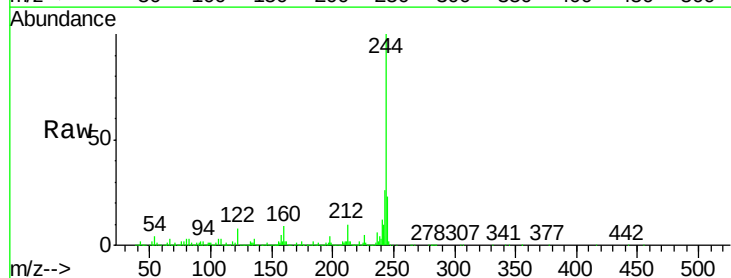
Tgt Ion:244 Resp: 2094811

Ion Ratio Lower Upper

244 100

212 10.0 10.0 15.0#

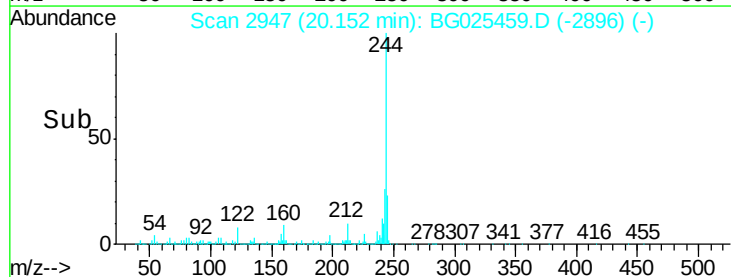
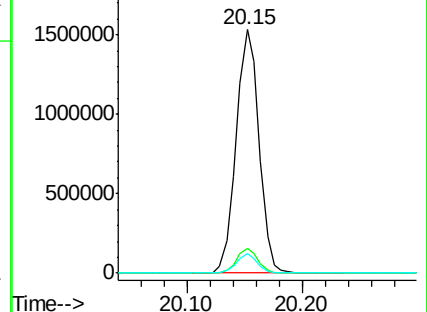
122 7.9 8.6 12.8#

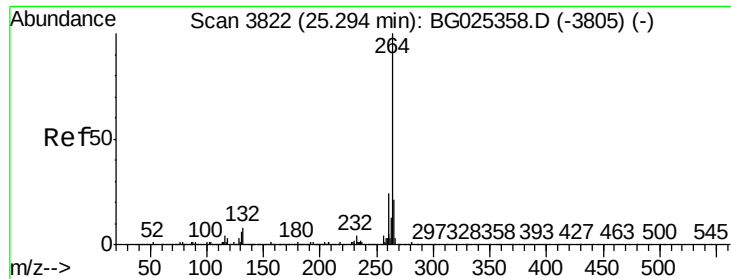


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.26 min Scan# 3817
Delta R.T. -0.00 min
Lab File: BG025459.D
Acq: 10 Jan 2017 19:42

Instrument :
BNA_G
ClientSampleId :
PB95862TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	21.8	32.8
265	21.1	18.2	27.4

