

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012117\
 Data File : BG025572.D
 Acq On : 21 Jan 2017 14:04
 Operator : UM/SJ
 Sample : PB96174BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96174BL

Quant Time: Jan 23 00:56:31 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

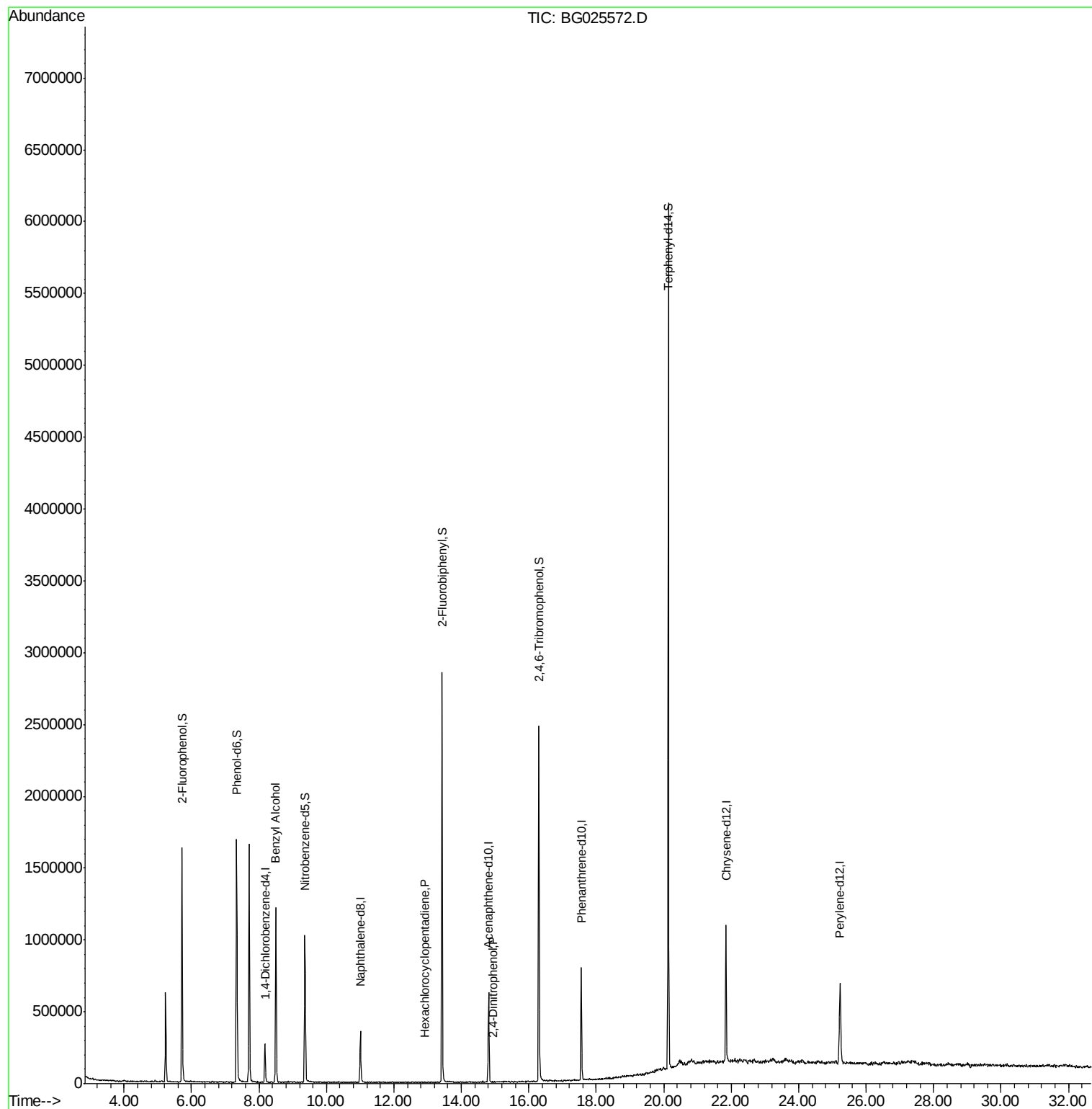
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	67713	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	291715	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	233646	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	514070	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	659755	20.00	ng	-0.02
86) Perylene-d12	25.23	264	706754	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	628251	168.65	ng	-0.02
7) Phenol-d6	7.34	99	911783	173.79	ng	-0.02
23) Nitrobenzene-d5	9.36	82	665273	100.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	527162	140.14	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1397389	96.83	ng	-0.02
78) Terphenyl-d14	20.14	244	2352878	94.56	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.50	79	11601	2.32	ng	# 55
40) Hexachlorocyclopentadiene	12.92	237	66	8.53	ng	# 29
53) 2,4-Dinitrophenol	14.95	184	58	5.10	ng	# 15

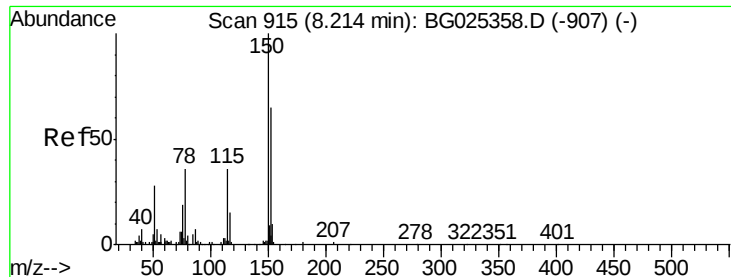
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 908

Delta R.T. -0.02 min

Lab File: BG025572.D

Acq: 21 Jan 2017 14:04

Instrument :

BNA_G

ClientSampleId :

PB96174BL

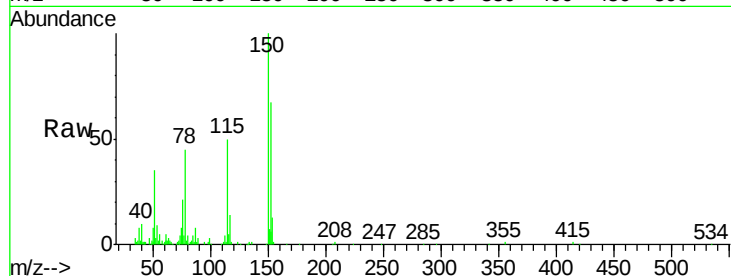
Tgt Ion:152 Resp: 67713

Ion Ratio Lower Upper

152 100

150 149.0 114.0 171.0

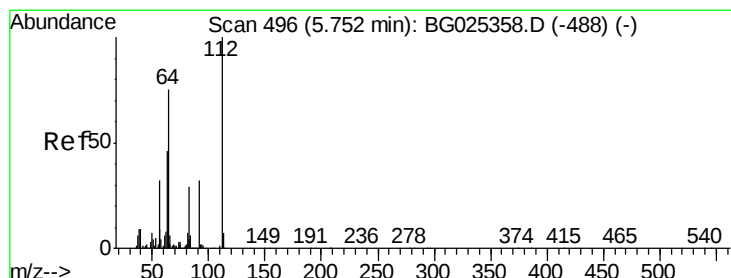
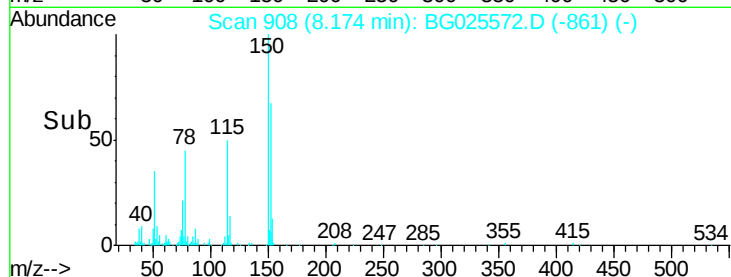
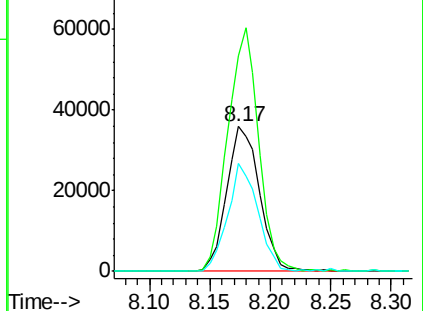
115 74.7 48.1 72.1#



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: 168.65 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025572.D

Acq: 21 Jan 2017 14:04

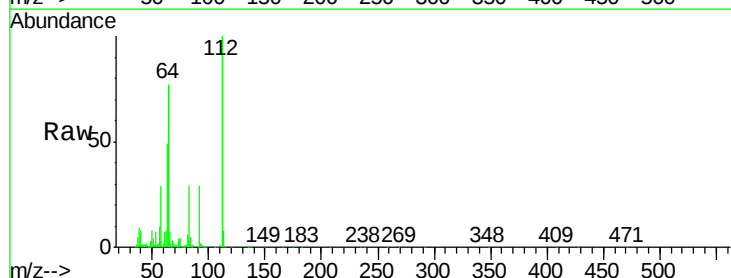
Tgt Ion:112 Resp: 628251

Ion Ratio Lower Upper

112 100

64 76.9 61.8 92.6

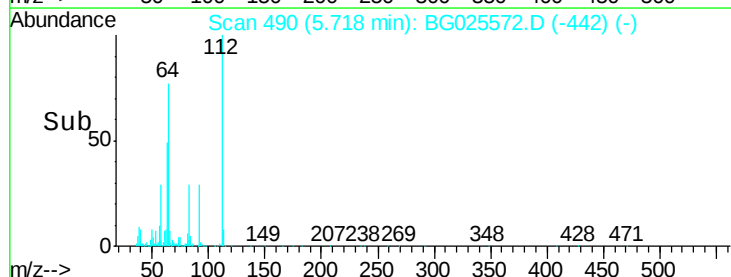
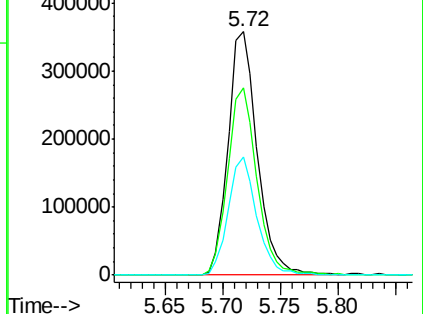
63 48.7 37.2 55.8

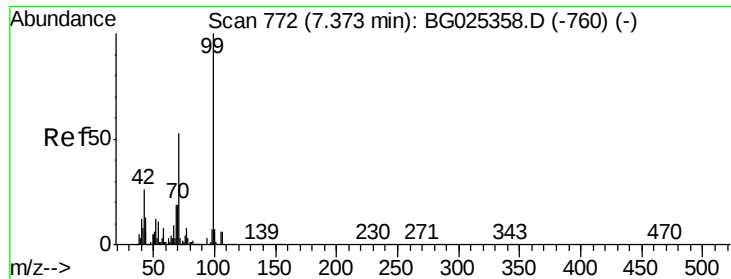


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 173.79 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025572.D

Acq: 21 Jan 2017 14:04

Instrument :

BNA_G

ClientSampleId :

PB96174BL

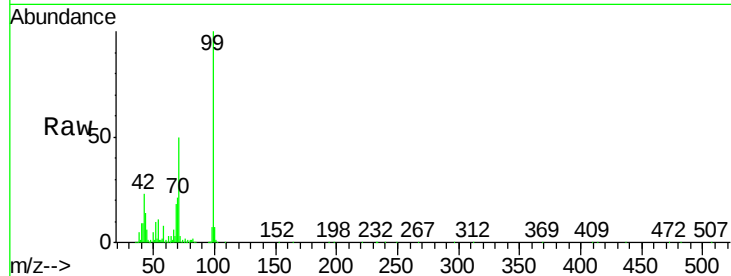
Tgt Ion: 99 Resp: 911783

Ion Ratio Lower Upper

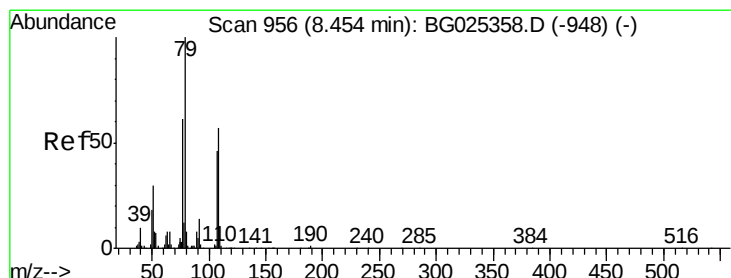
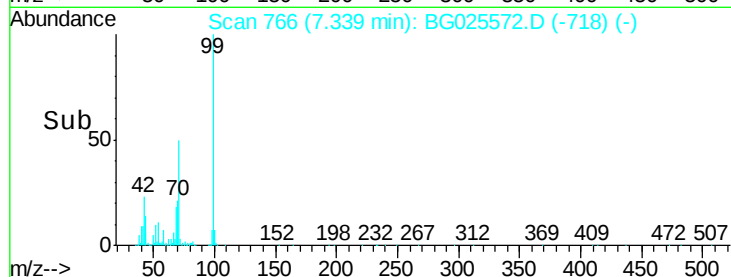
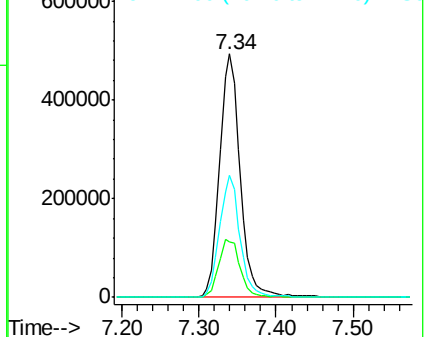
99 100

42 22.7 20.5 30.7

71 50.0 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: 2.32 ng

RT: 8.50 min Scan# 963

Delta R.T. 0.05 min

Lab File: BG025572.D

Acq: 21 Jan 2017 14:04

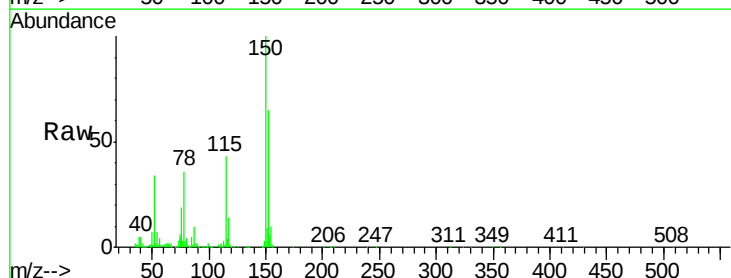
Tgt Ion: 79 Resp: 11601

Ion Ratio Lower Upper

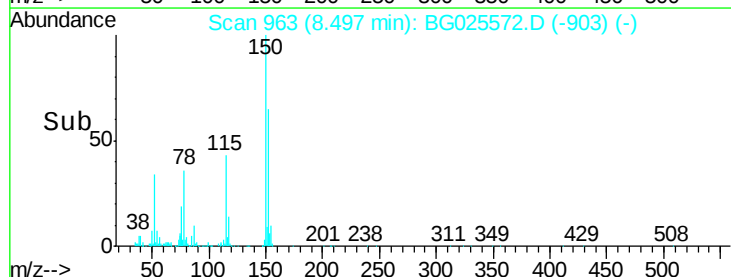
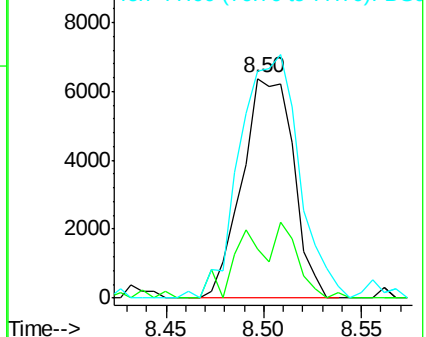
79 100

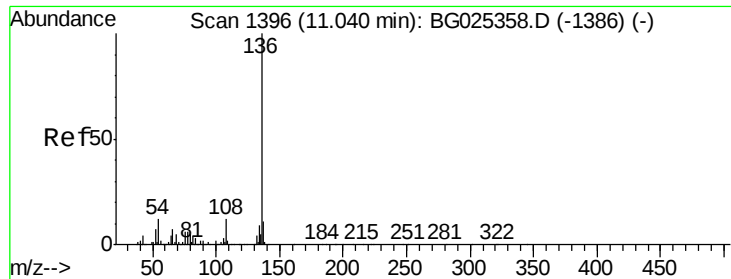
108 22.1 45.5 68.3#

77 103.2 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

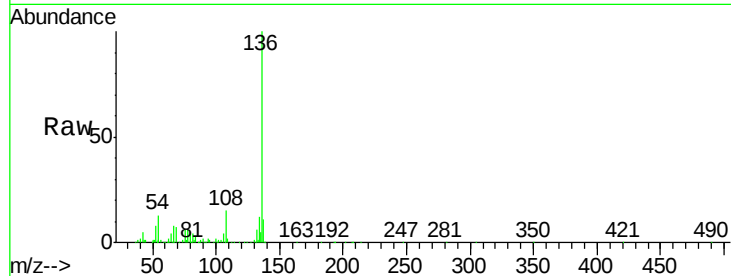




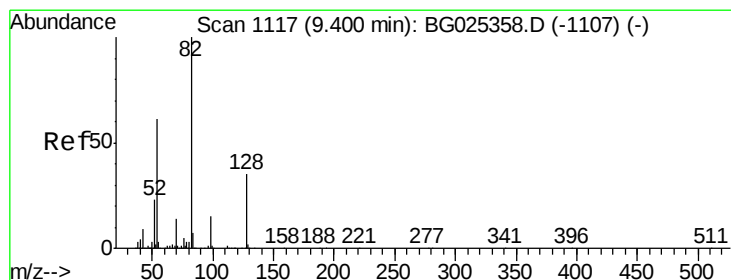
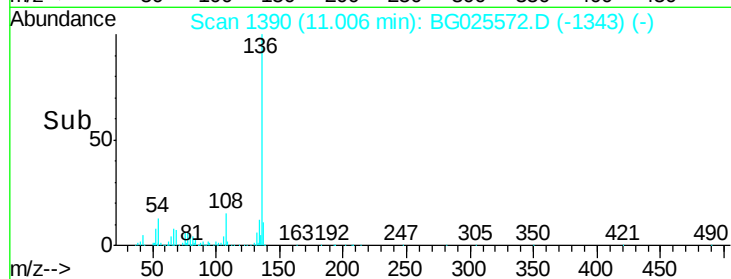
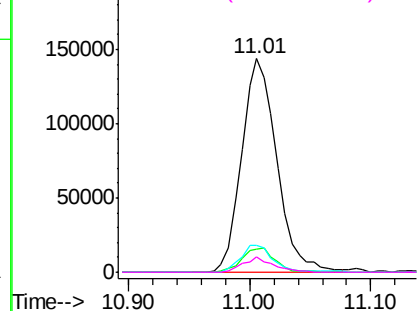
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025572.D
Acq: 21 Jan 2017 14:04

Instrument :
BNA_G
ClientSampleId :
PB96174BL

Tgt Ion:	136	Resp:	291715
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	12.9	9.3	13.9
68	7.4	5.1	7.7

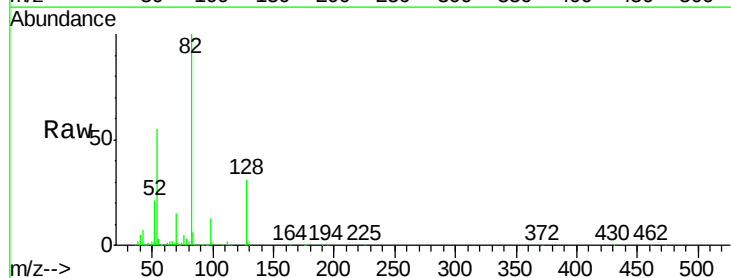


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

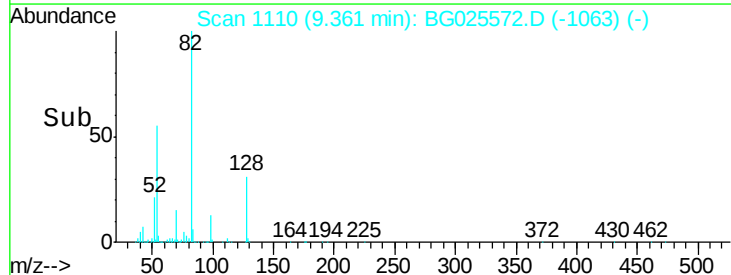
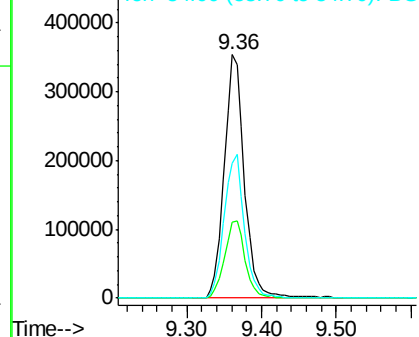


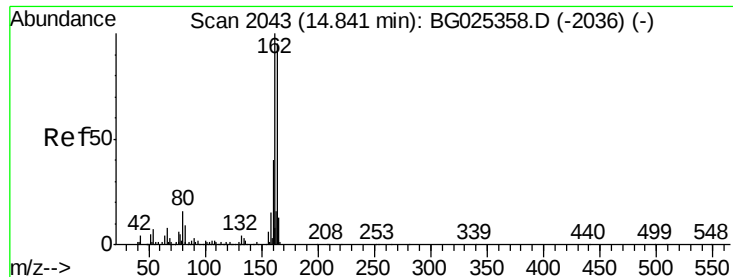
#23
Nitrobenzene-d5
Concen: 100.75 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG025572.D
Acq: 21 Jan 2017 14:04

Tgt Ion:	82	Resp:	665273
Ion	Ratio	Lower	Upper
82	100		
128	31.1	26.4	39.6
54	55.2	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: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG025572.D

Acq: 21 Jan 2017 14:04

Instrument :

BNA_G

ClientSampleId :

PB96174BL

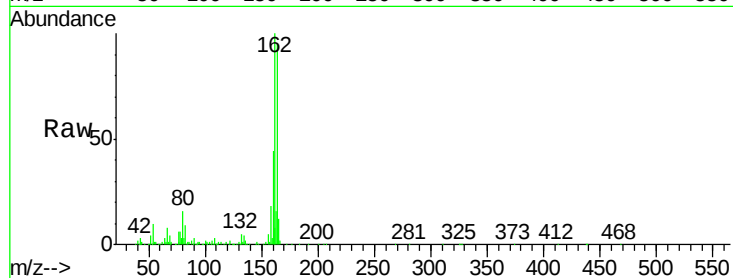
Tgt Ion:164 Resp: 233646

Ion Ratio Lower Upper

164 100

162 105.7 85.1 127.7

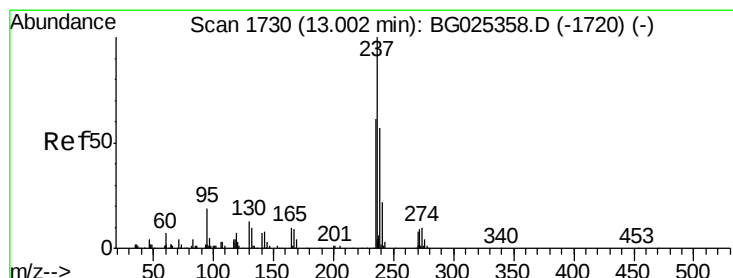
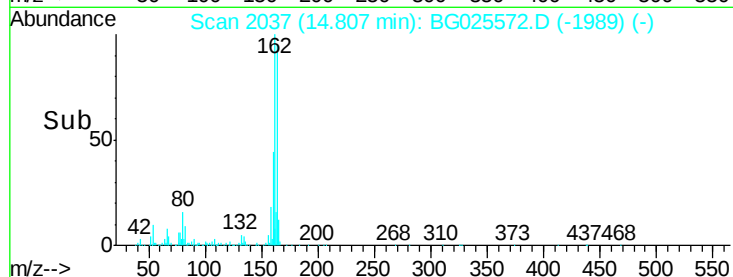
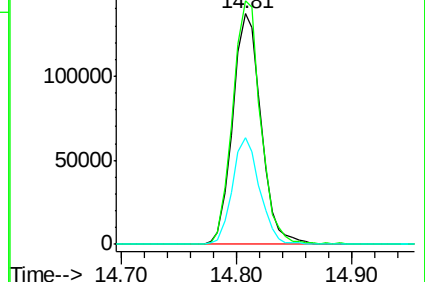
160 46.5 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 8.53 ng

RT: 12.92 min Scan# 1716

Delta R.T. -0.07 min

Lab File: BG025572.D

Acq: 21 Jan 2017 14:04

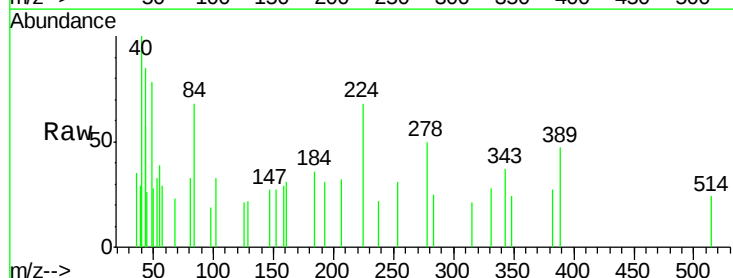
Tgt Ion:237 Resp: 66

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

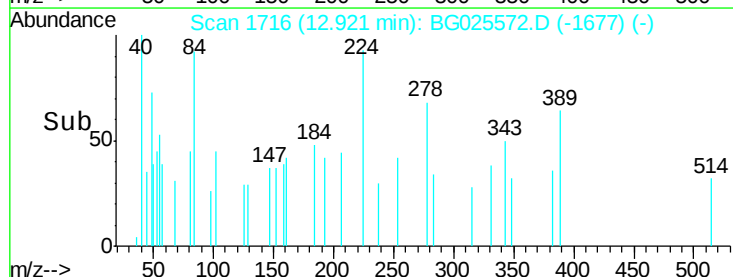
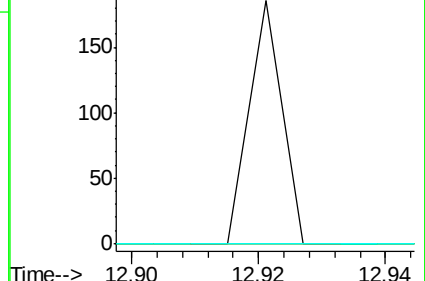
272 0.0 0.0 32.0



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: 140.14 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.02 min

Lab File: BG025572.D

Acq: 21 Jan 2017 14:04

Instrument :

BNA_G

ClientSampleId :

PB96174BL

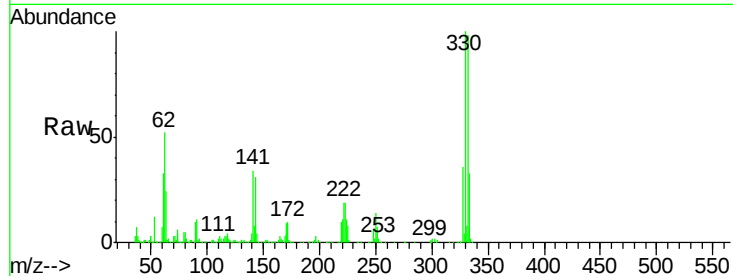
Tgt Ion:330 Resp: 527162

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

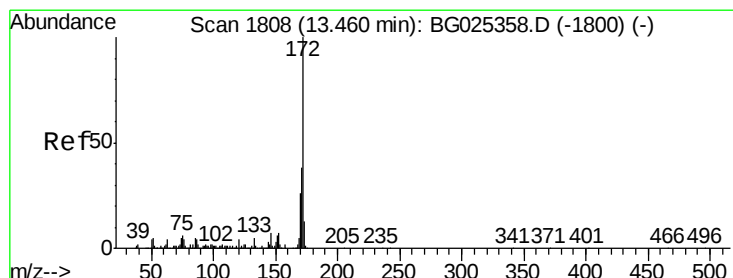
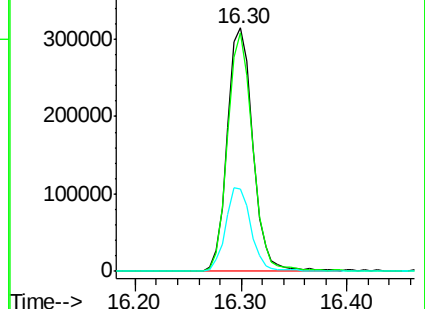
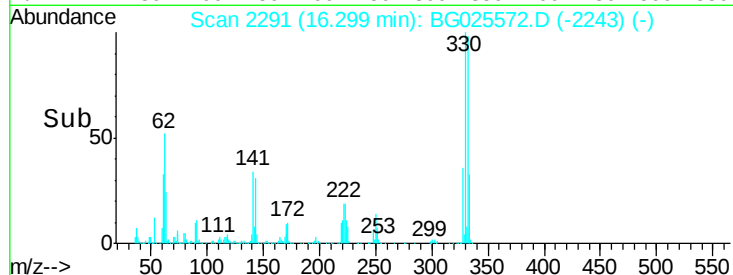
141 34.1 32.1 48.1



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: 96.83 ng

RT: 13.43 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BG025572.D

Acq: 21 Jan 2017 14:04

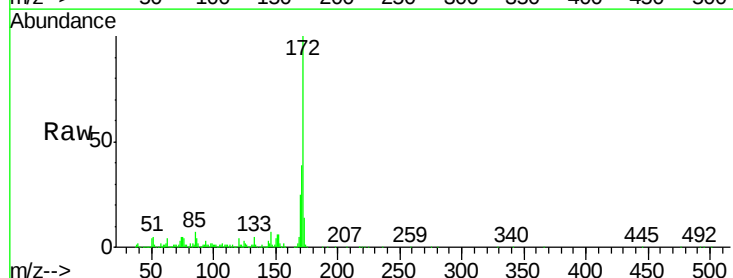
Tgt Ion:172 Resp: 1397389

Ion Ratio Lower Upper

172 100

171 38.9 32.2 48.2

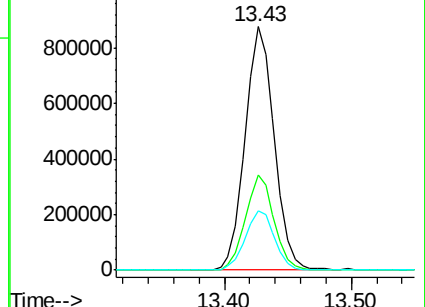
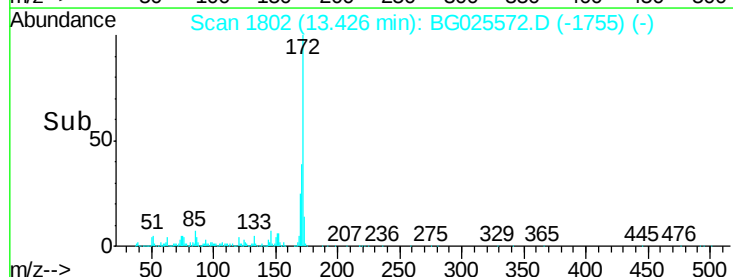
170 24.5 21.8 32.6

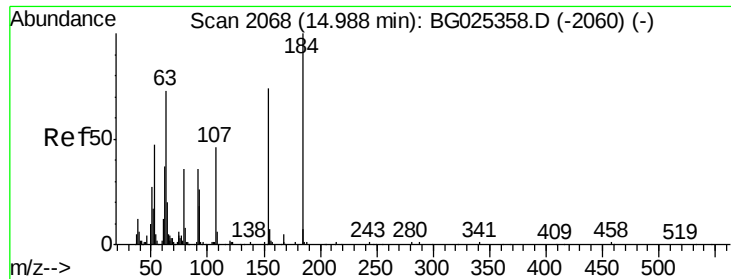


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

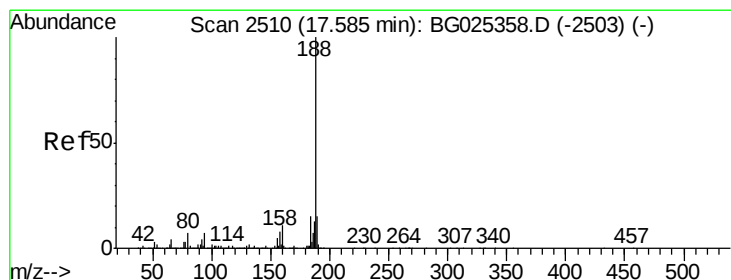
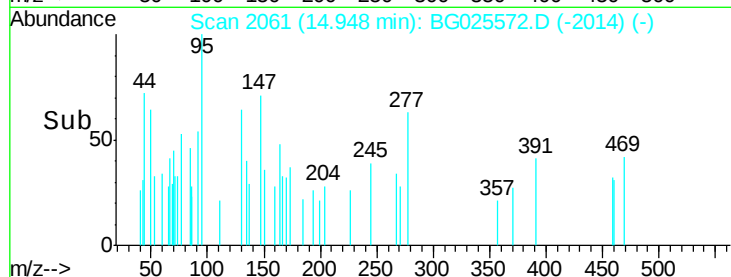
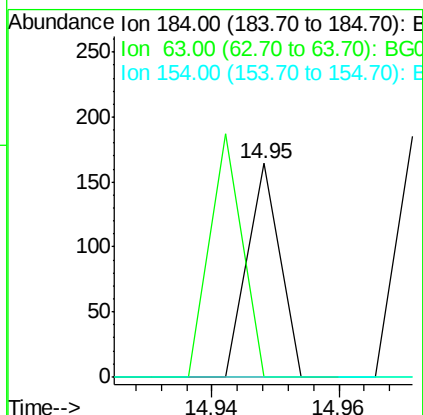
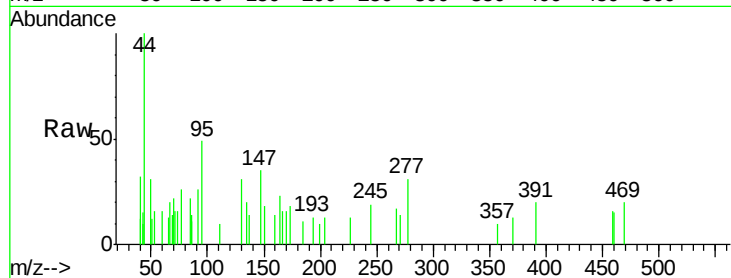




#53
2,4-Dinitrophenol
Concen: 5.10 ng
RT: 14.95 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BG025572.D
Acq: 21 Jan 2017 14:04

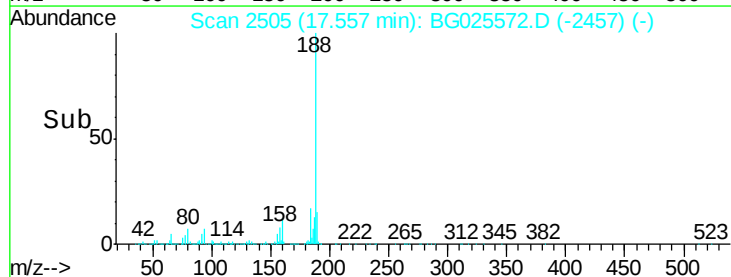
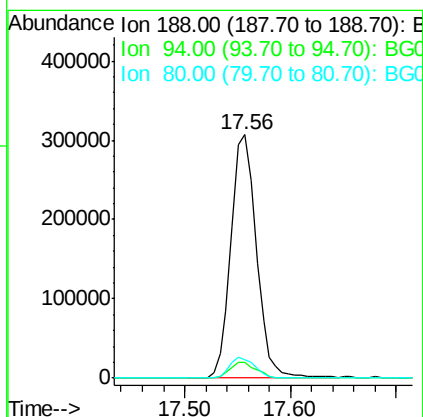
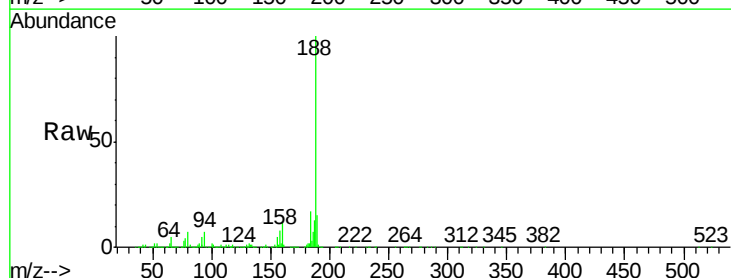
Instrument :
BNA_G
ClientSampleID :
PB96174BL

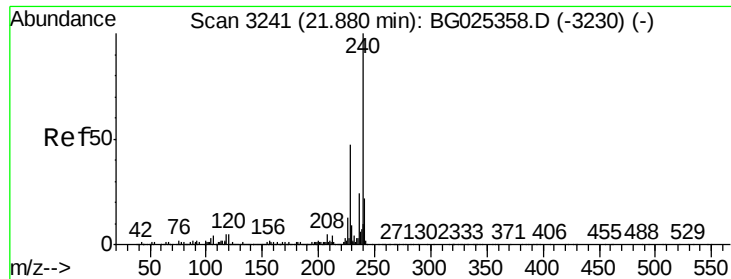
Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025572.D
Acq: 21 Jan 2017 14:04

Tgt Ion:188 Resp: 514070
Ion Ratio Lower Upper
188 100
94 6.6 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: BG025572.D

Acq: 21 Jan 2017 14:04

Instrument :

BNA_G

ClientSampleId :

PB96174BL

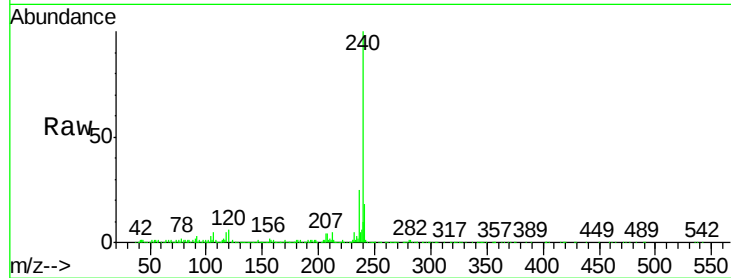
Tgt Ion:240 Resp: 659755

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

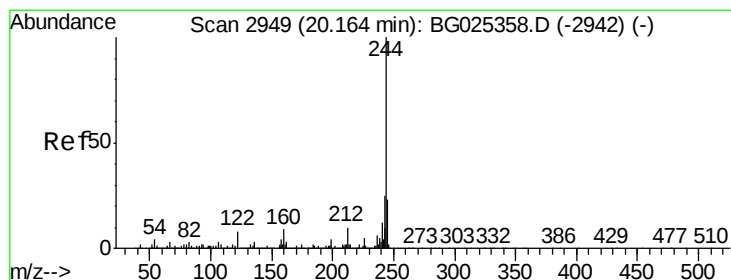
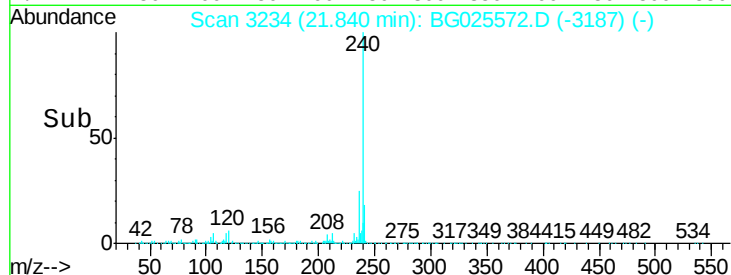
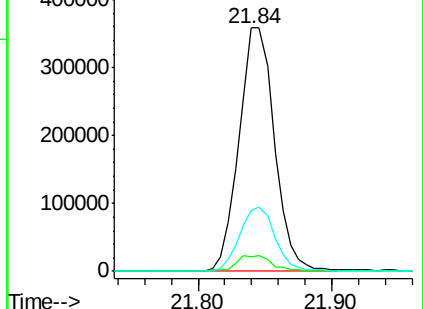
236 24.6 22.2 33.4



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: 94.56 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025572.D

Acq: 21 Jan 2017 14:04

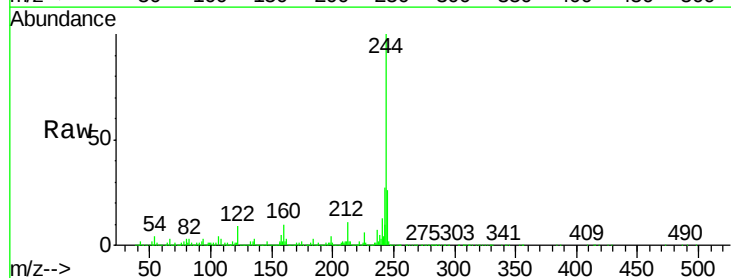
Tgt Ion:244 Resp: 2352878

Ion Ratio Lower Upper

244 100

212 11.2 10.0 15.0

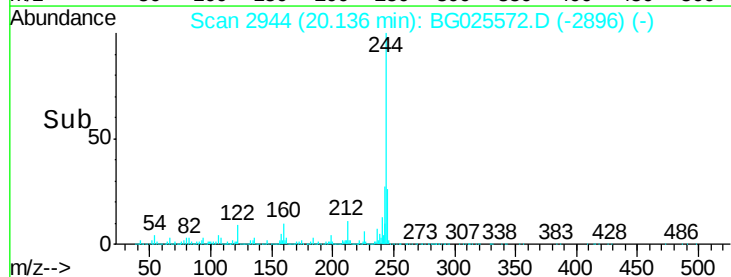
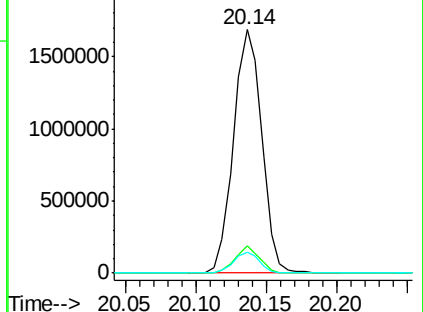
122 8.8 8.6 12.8

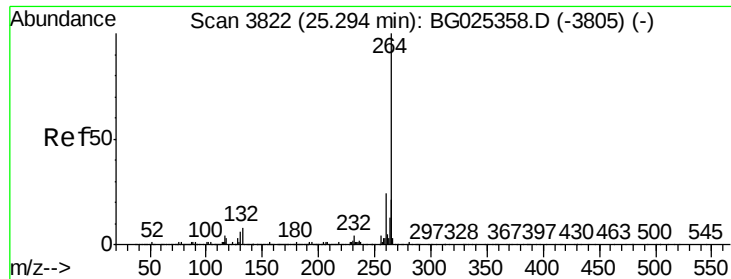


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3811
Delta R.T. -0.03 min
Lab File: BG025572.D
Acq: 21 Jan 2017 14:04

Instrument :
BNA_G
ClientSampleId :
PB96174BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	21.8	32.8#
265	21.3	18.2	27.4

