

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012017\
 Data File : BG025541.D
 Acq On : 20 Jan 2017 16:40
 Operator : UM/SJ
 Sample : PB96173BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96173BL

Quant Time: Jan 21 00:11:01 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

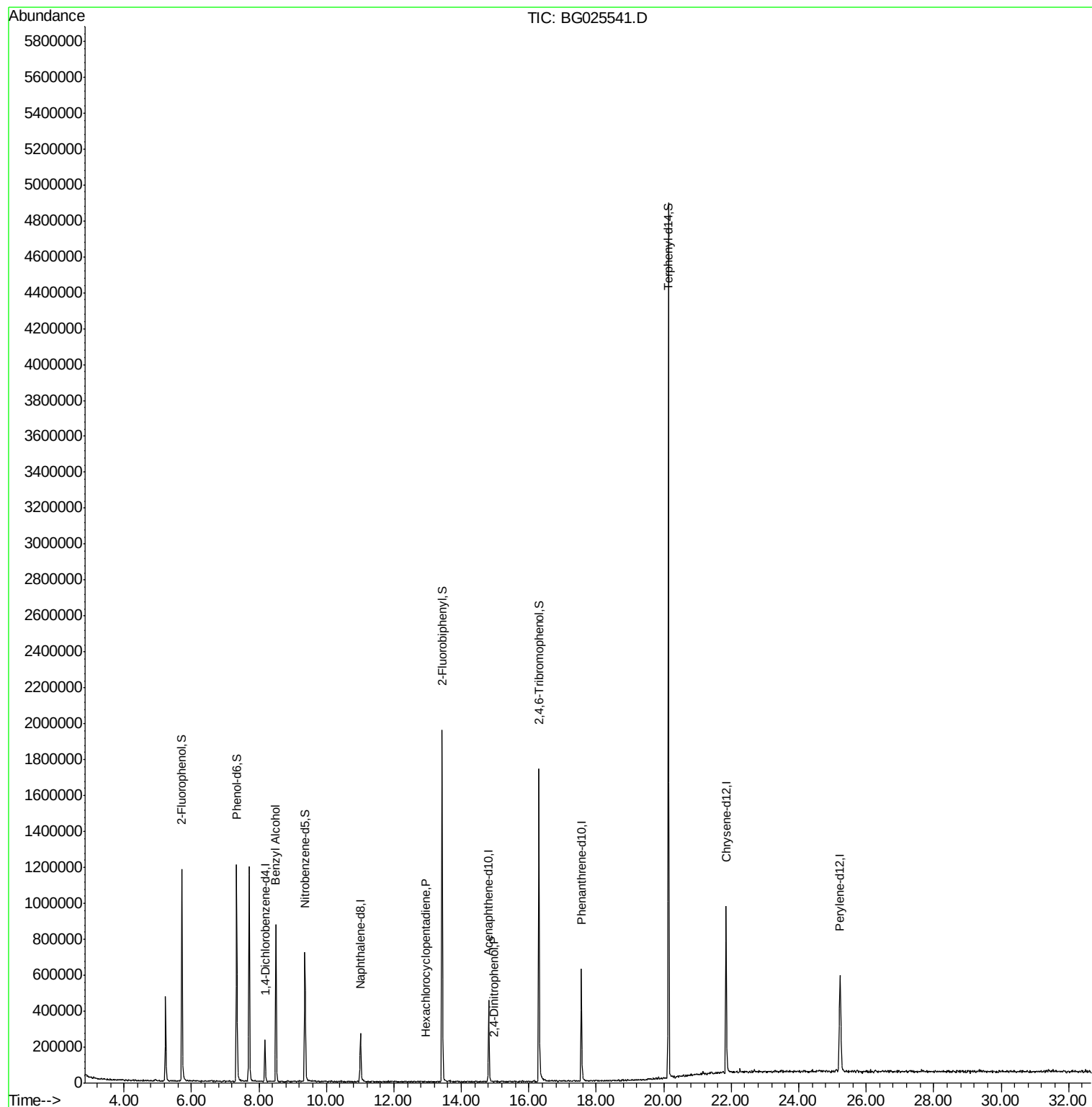
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	58304	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	239961	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	186368	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	425659	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	675678	20.00	ng	-0.02
86) Perylene-d12	25.23	264	683721	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	473257	147.54	ng	-0.02
7) Phenol-d6	7.34	99	649882	143.86	ng	-0.02
23) Nitrobenzene-d5	9.36	82	468614	86.27	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	372382	124.11	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1011508	87.87	ng	-0.02
78) Terphenyl-d14	20.14	244	2048646	80.39	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.49	79	8808	2.04	ng	# 47
40) Hexachlorocyclopentadiene	12.94	237	77	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.95	184	85	5.12	ng	# 15

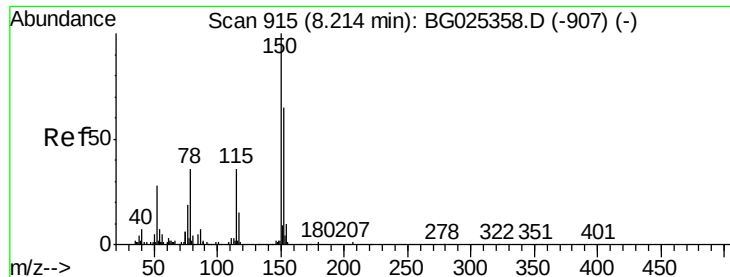
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025541.D

Acq: 20 Jan 2017 16:40

Instrument :

BNA_G

ClientSampleId :

PB96173BL

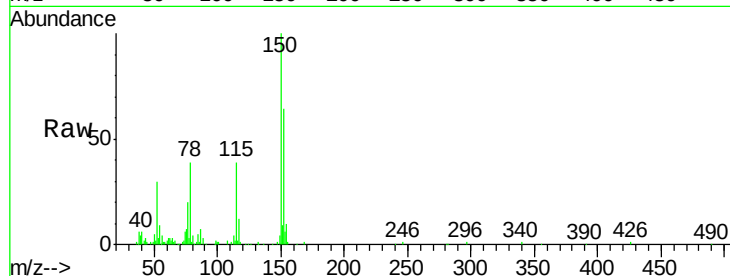
Tgt Ion:152 Resp: 58304

Ion Ratio Lower Upper

152 100

150 156.3 114.0 171.0

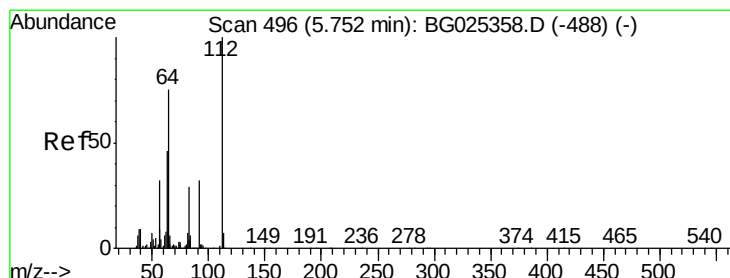
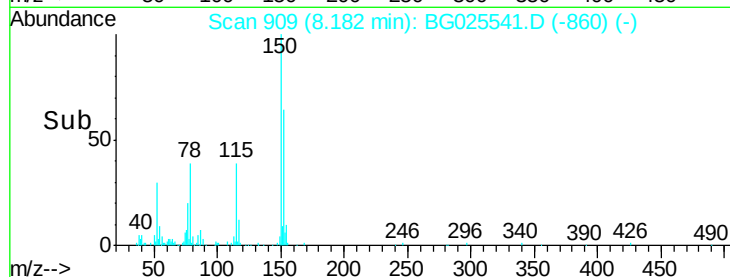
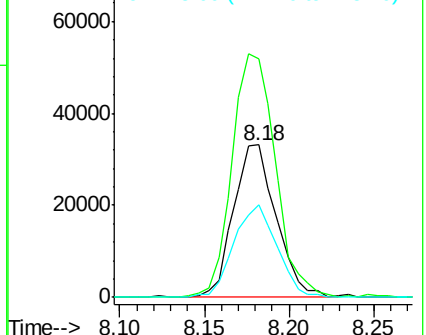
115 60.9 48.1 72.1



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: 147.54 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025541.D

Acq: 20 Jan 2017 16:40

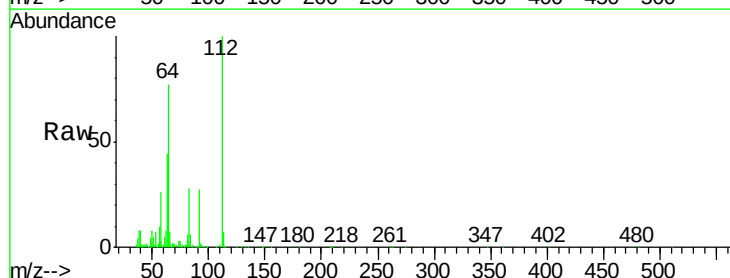
Tgt Ion:112 Resp: 473257

Ion Ratio Lower Upper

112 100

64 77.2 61.8 92.6

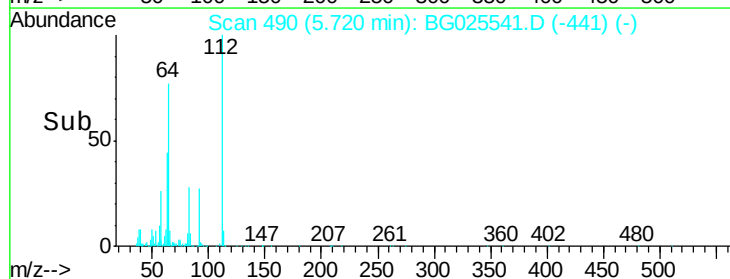
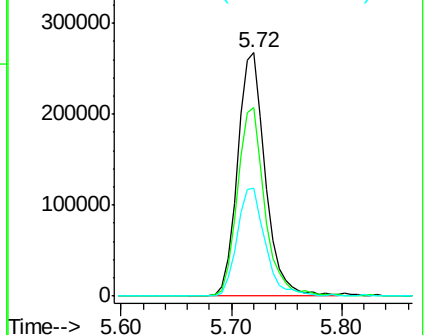
63 44.4 37.2 55.8

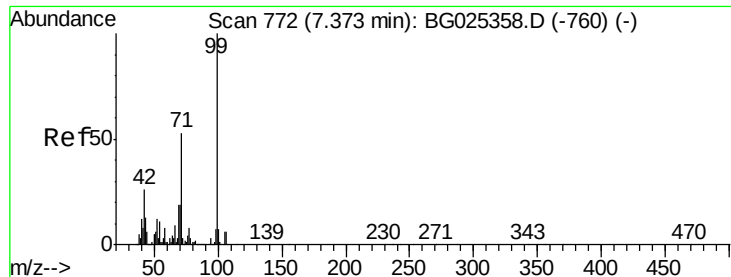


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 143.86 ng

RT: 7.34 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG025541.D

Acq: 20 Jan 2017 16:40

Instrument :

BNA_G

ClientSampleId :

PB96173BL

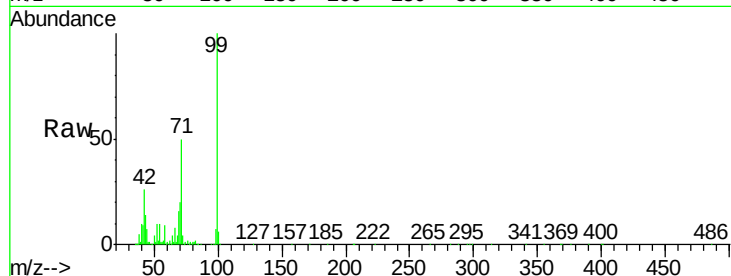
Tgt Ion: 99 Resp: 649882

Ion Ratio Lower Upper

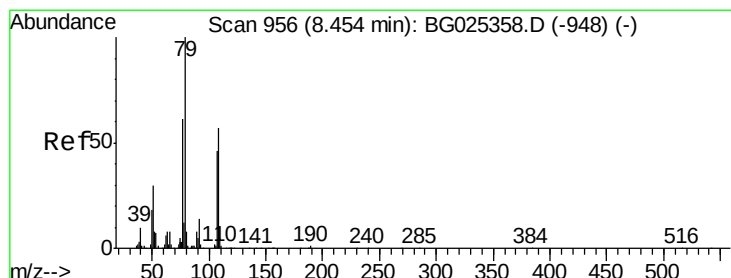
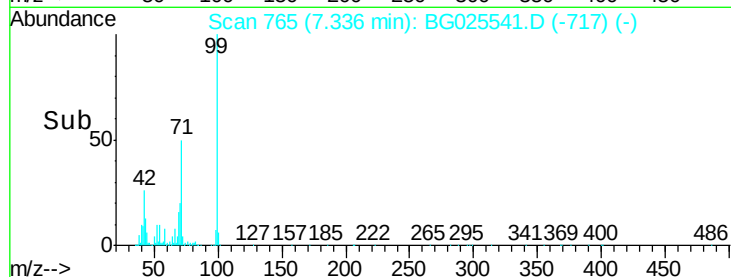
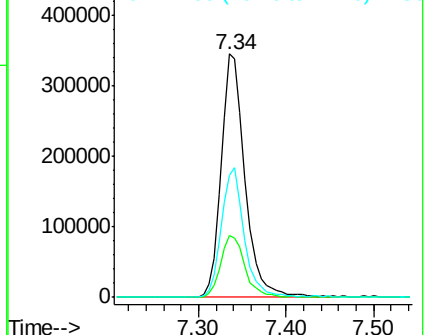
99 100

42 25.7 20.5 30.7

71 50.3 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: 2.04 ng

RT: 8.49 min Scan# 962

Delta R.T. 0.05 min

Lab File: BG025541.D

Acq: 20 Jan 2017 16:40

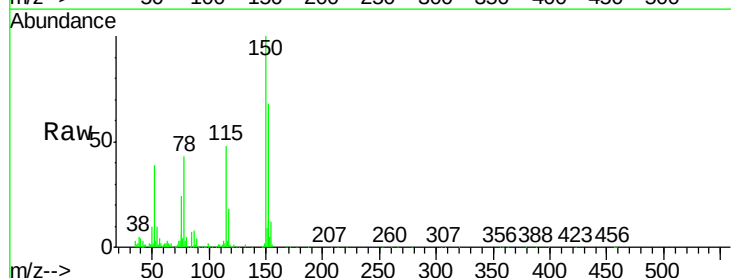
Tgt Ion: 79 Resp: 8808

Ion Ratio Lower Upper

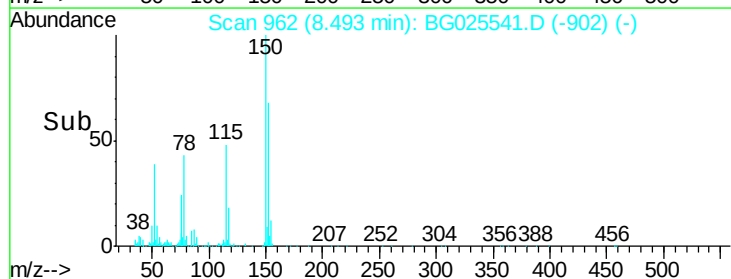
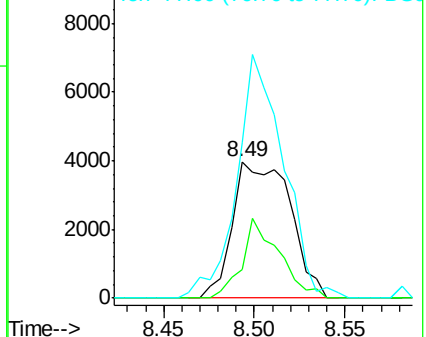
79 100

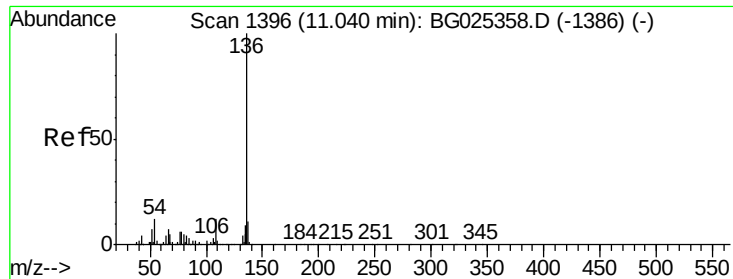
108 20.8 45.5 68.3#

77 113.3 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

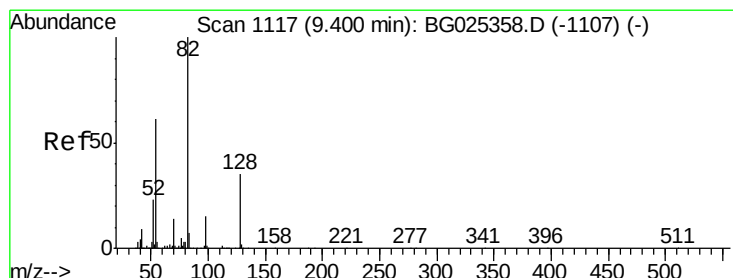
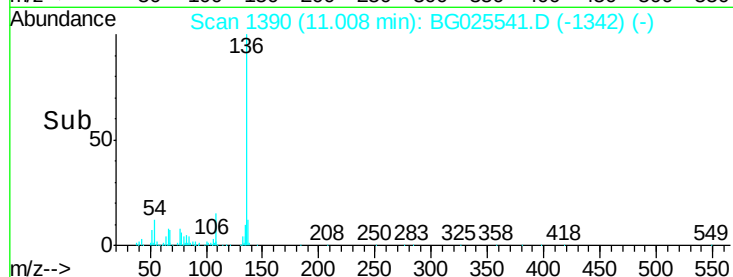
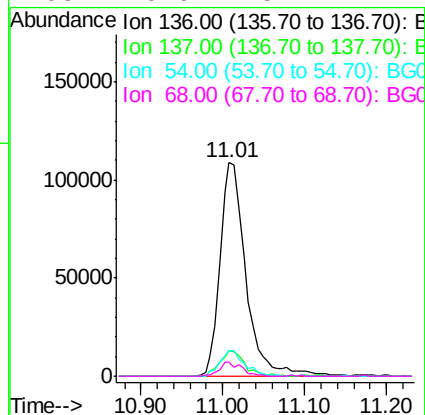
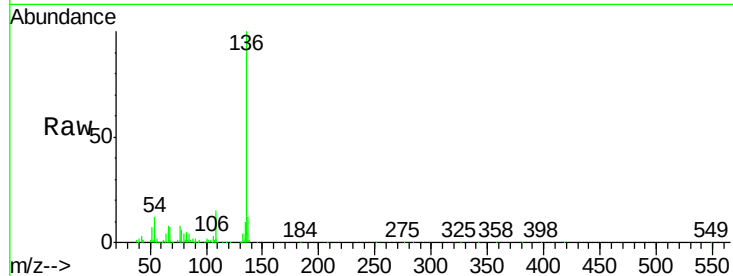




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025541.D
Acq: 20 Jan 2017 16:40

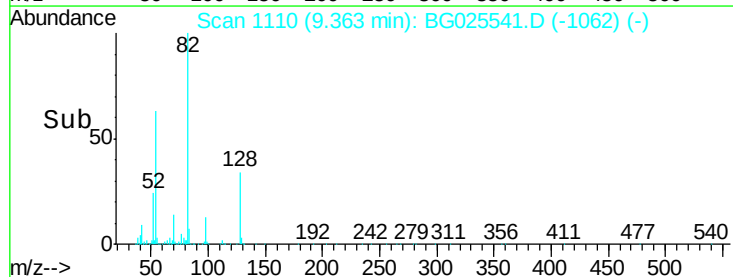
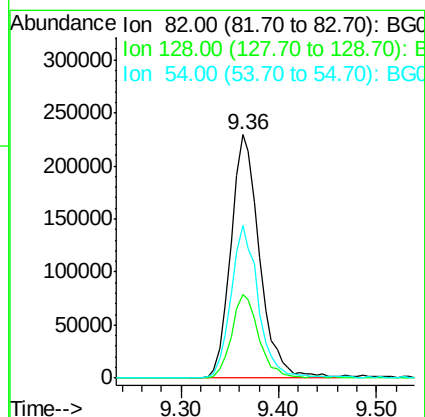
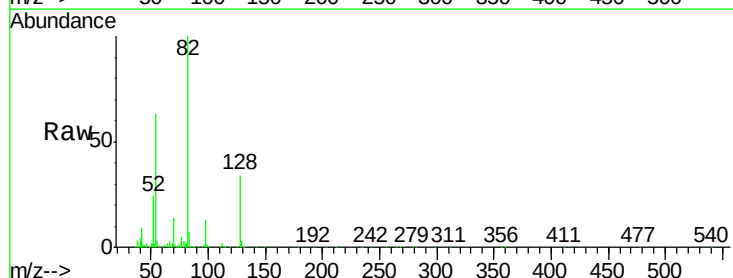
Instrument :
BNA_G
ClientSampleId :
PB96173BL

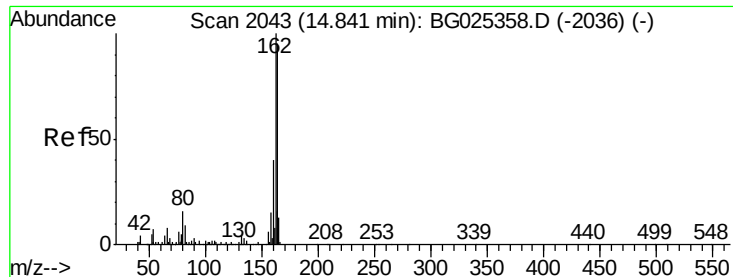
Tgt Ion:	136	Resp:	239961
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.9	13.3
54	11.7	9.3	13.9
68	6.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 86.27 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG025541.D
Acq: 20 Jan 2017 16:40

Tgt Ion:	82	Resp:	468614
Ion	Ratio	Lower	Upper
82	100		
128	34.3	26.4	39.6
54	62.6	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG025541.D

Acq: 20 Jan 2017 16:40

Instrument :

BNA_G

ClientSampleId :

PB96173BL

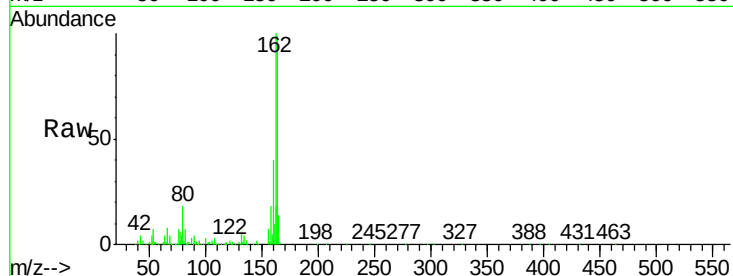
Tgt Ion:164 Resp: 186368

Ion Ratio Lower Upper

164 100

162 101.2 85.1 127.7

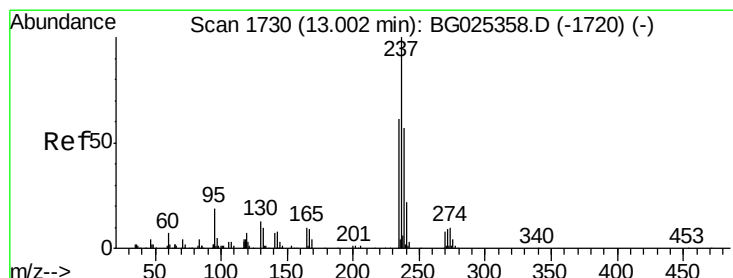
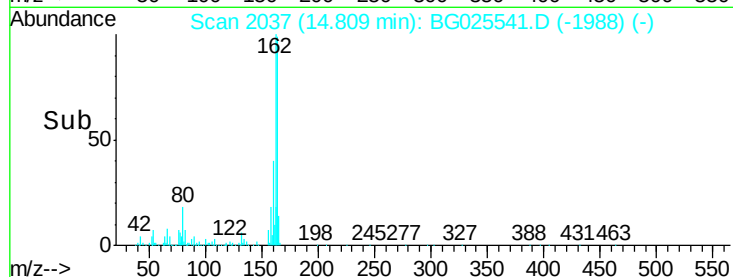
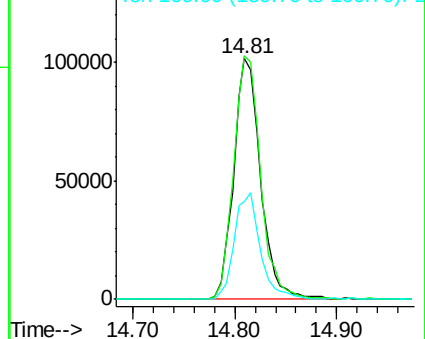
160 40.5 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 8.54 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.05 min

Lab File: BG025541.D

Acq: 20 Jan 2017 16:40

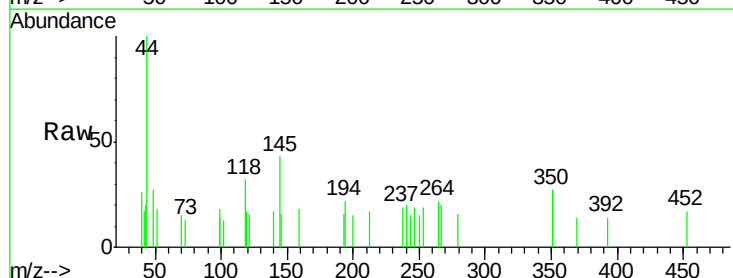
Tgt Ion:237 Resp: 77

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

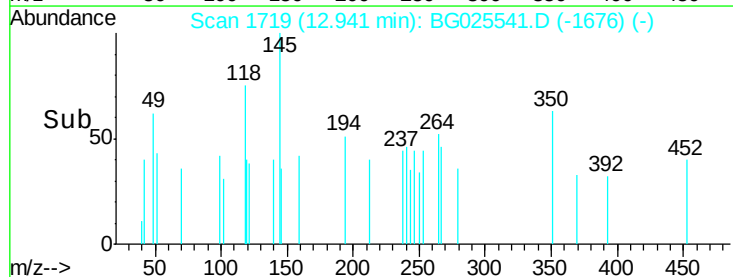
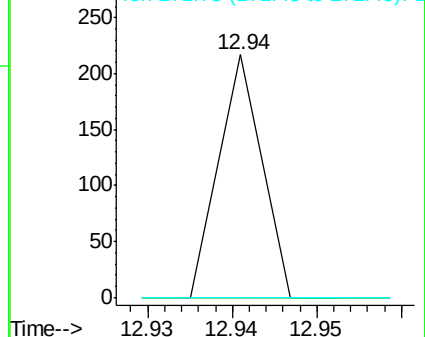
272 0.0 0.0 32.0

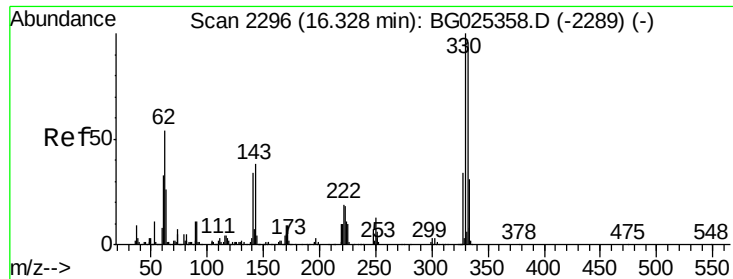


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

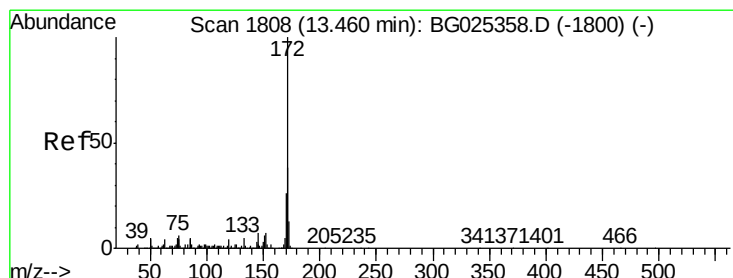
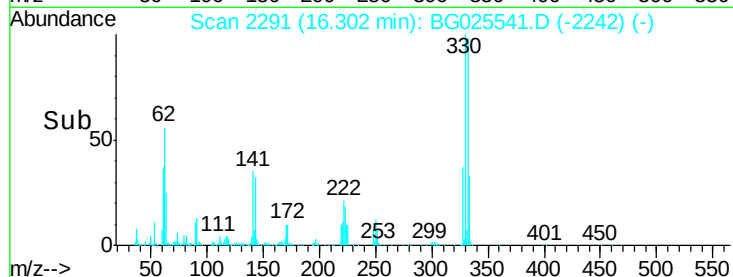
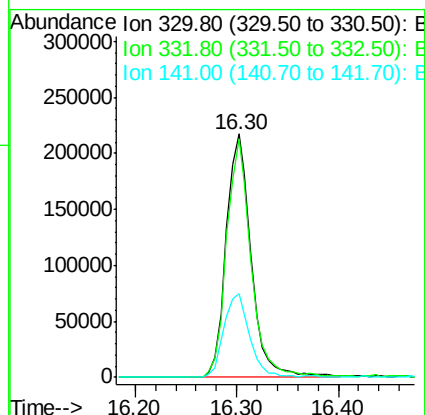
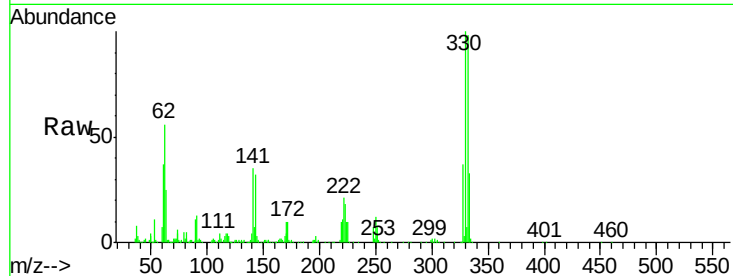




#41
 2,4,6-Tribromophenol
 Concen: 124.11 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025541.D
 Acq: 20 Jan 2017 16:40

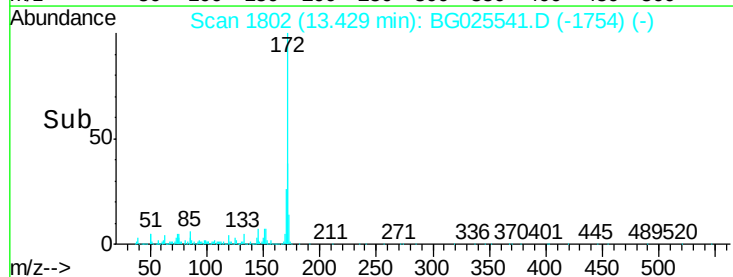
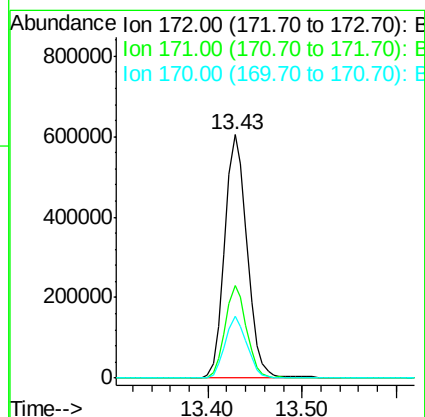
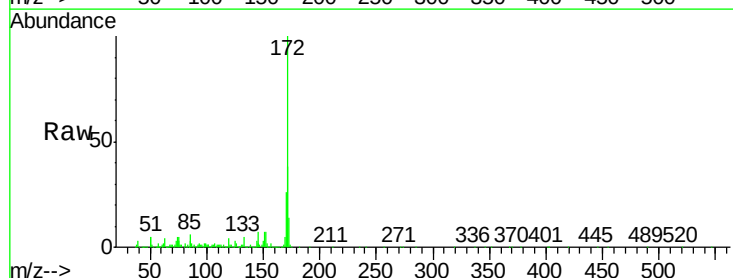
Instrument :
 BNA_G
 ClientSampleId :
 PB96173BL

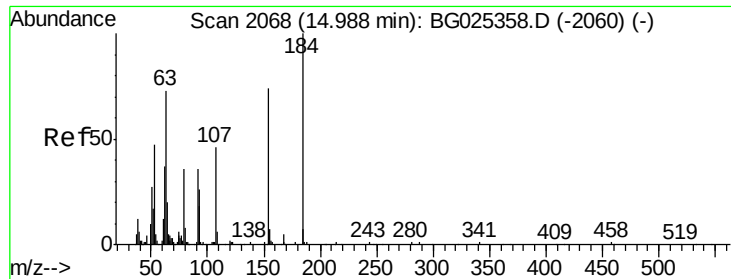
Tgt Ion:330 Resp: 372382
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 35.3 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 87.87 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025541.D
 Acq: 20 Jan 2017 16:40

Tgt Ion:172 Resp: 1011508
 Ion Ratio Lower Upper
 172 100
 171 37.8 32.2 48.2
 170 25.5 21.8 32.6

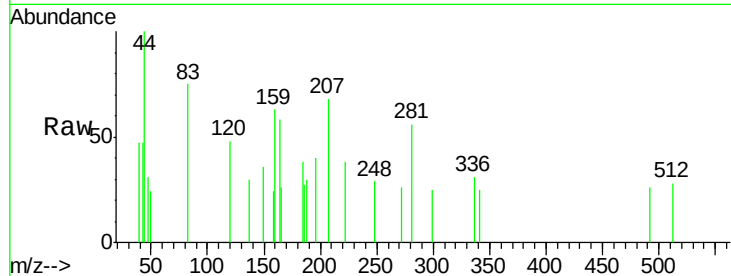




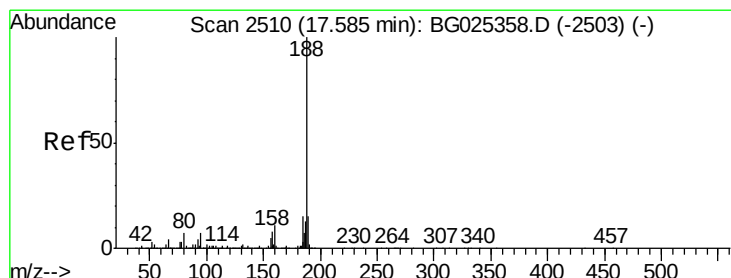
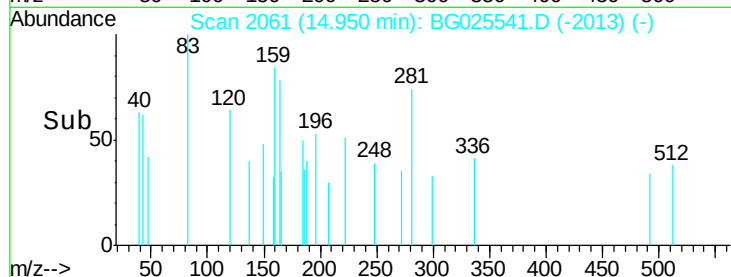
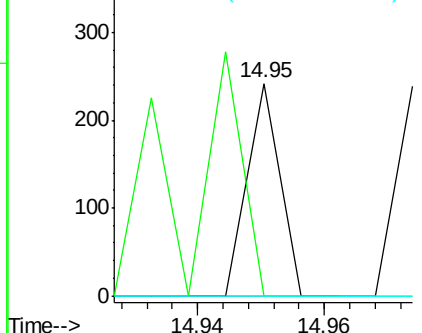
#53
2,4-Dinitrophenol
Concen: 5.12 ng
RT: 14.95 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BG025541.D
Acq: 20 Jan 2017 16:40

Instrument :
BNA_G
ClientSampleId :
PB96173BL

Tgt Ion:184 Resp: 85
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

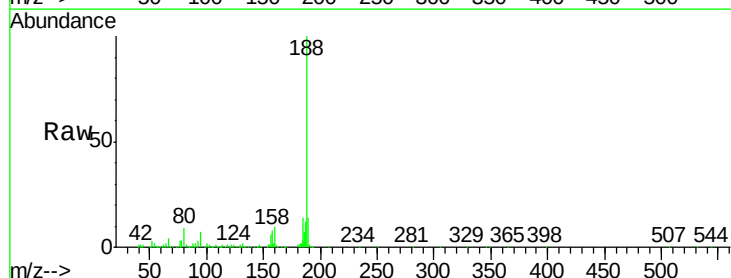


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

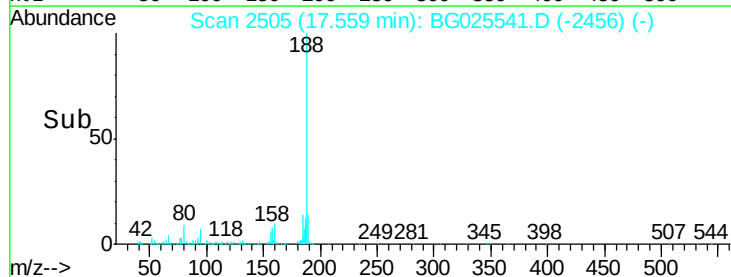
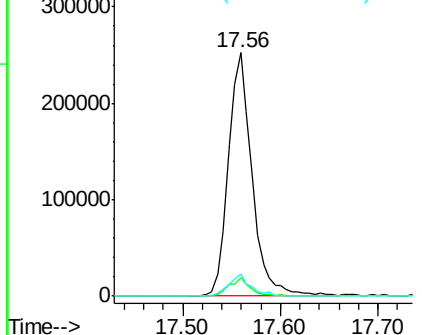


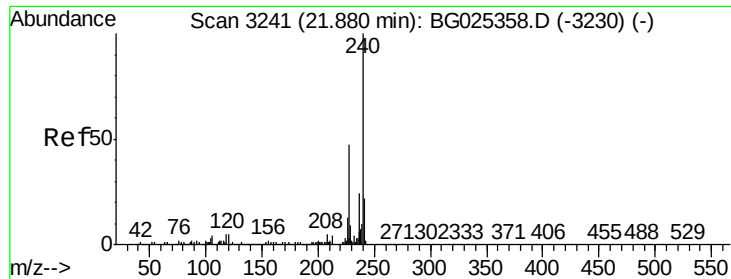
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025541.D
Acq: 20 Jan 2017 16:40

Tgt Ion:188 Resp: 425659
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.8
80 8.9 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# 3234

Delta R.T. -0.02 min

Lab File: BG025541.D

Acq: 20 Jan 2017 16:40

Instrument :

BNA_G

ClientSampleId :

PB96173BL

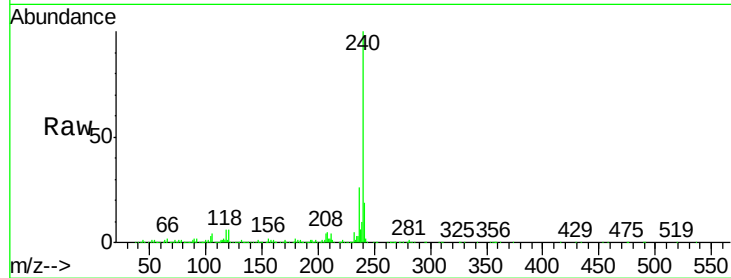
Tgt Ion:240 Resp: 675678

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

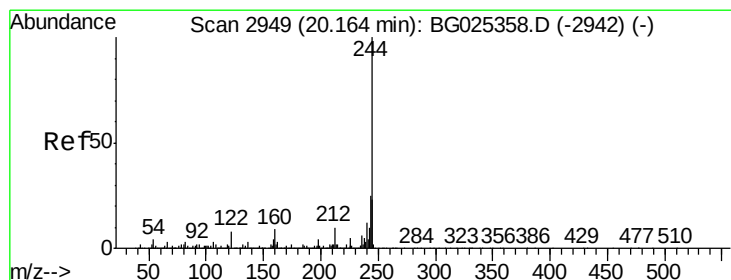
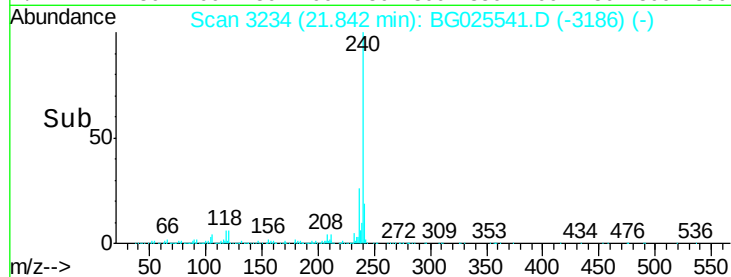
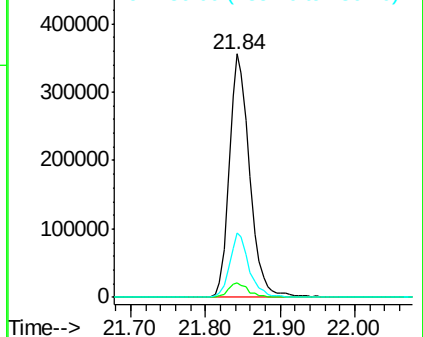
236 26.3 22.2 33.4



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: 80.39 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025541.D

Acq: 20 Jan 2017 16:40

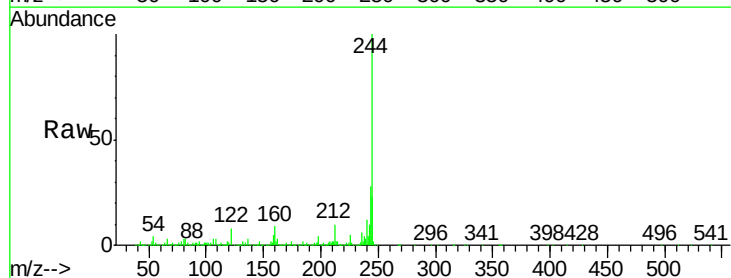
Tgt Ion:244 Resp: 2048646

Ion Ratio Lower Upper

244 100

212 10.0 10.0 15.0#

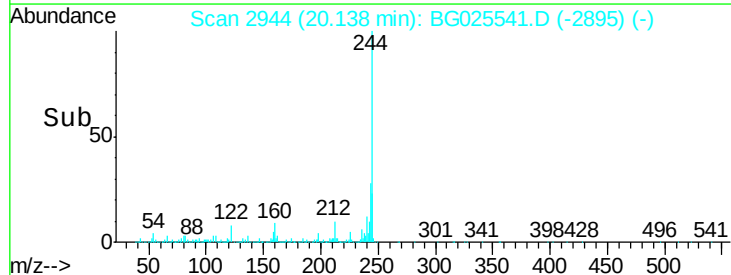
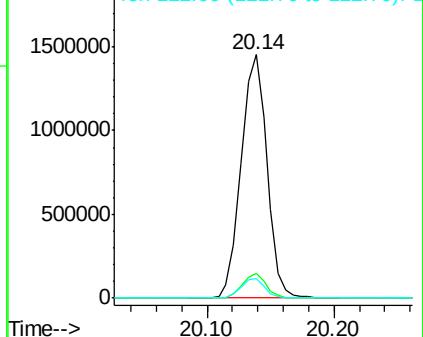
122 8.2 8.6 12.8#

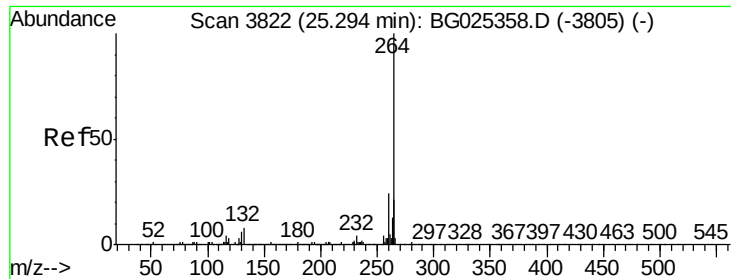


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3810
Delta R.T. -0.04 min
Lab File: BG025541.D
Acq: 20 Jan 2017 16:40

Instrument :
BNA_G
ClientSampleId :
PB96173BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	21.8	32.8
265	21.3	18.2	27.4

