

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010917\
 Data File : BG025434.D
 Acq On : 9 Jan 2017 17:37
 Operator : UM/SJ
 Sample : PB95527BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95527BL

Quant Time: Jan 10 00:02:12 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

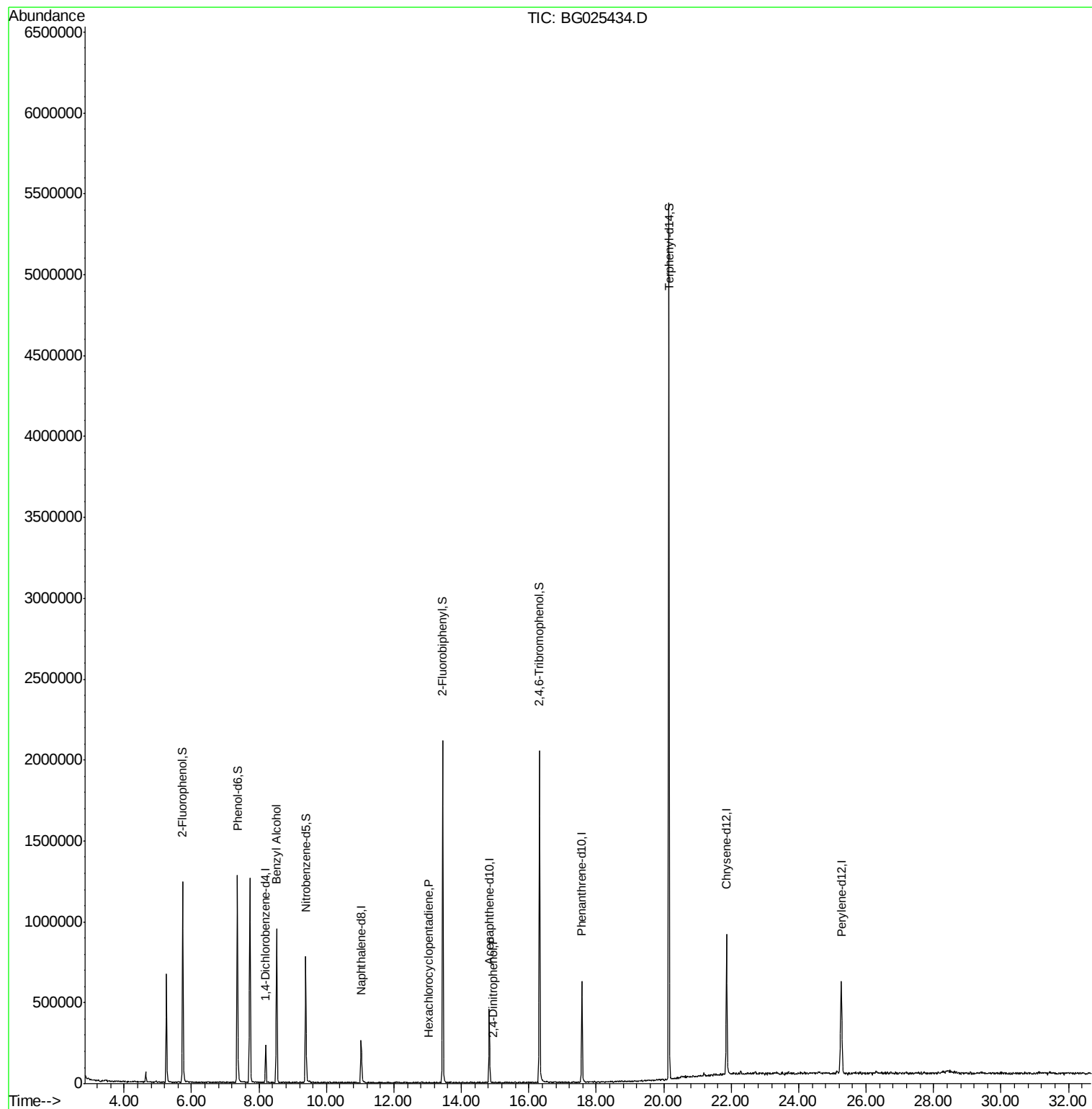
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	55114	20.00	ng	-0.02
21) Naphthalene-d8	11.03	136	229916	20.00	ng	-0.01
38) Acenaphthene-d10	14.83	164	181556	20.00	ng	-0.01
63) Phenanthrene-d10	17.57	188	413815	20.00	ng	-0.01
75) Chrysene-d12	21.86	240	655701	20.00	ng	-0.02
86) Perylene-d12	25.26	264	696655	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	492750	162.51	ng	-0.01
7) Phenol-d6	7.36	99	693448	162.39	ng	-0.02
23) Nitrobenzene-d5	9.38	82	492767	94.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	404993	138.56	ng	-0.01
44) 2-Fluorobiphenyl	13.45	172	1100017	98.09	ng	-0.01
78) Terphenyl-d14	20.15	244	2193014	88.68	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.52	79	9404	2.31	ng	# 68
40) Hexachlorocyclopentadiene	13.03	237	75	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.94	184	57	5.11	ng	# 15

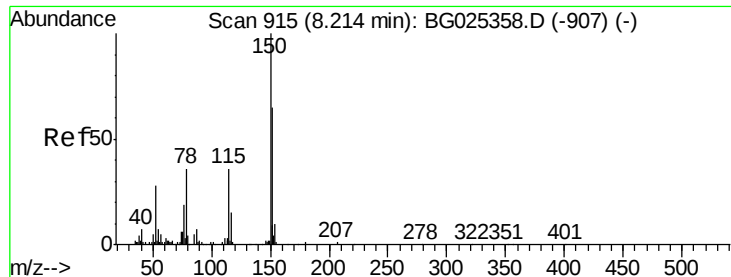
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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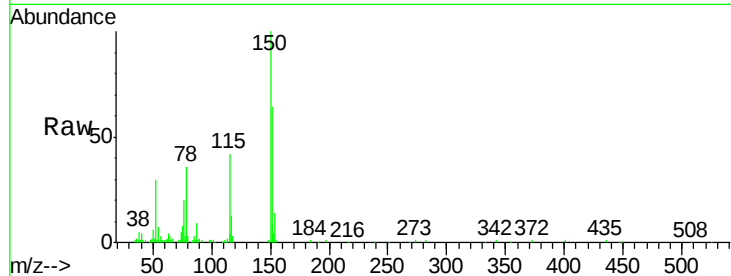


#1

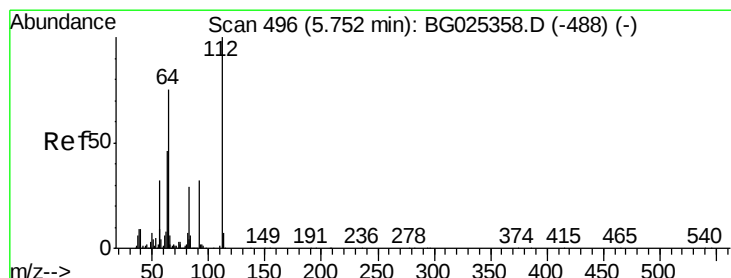
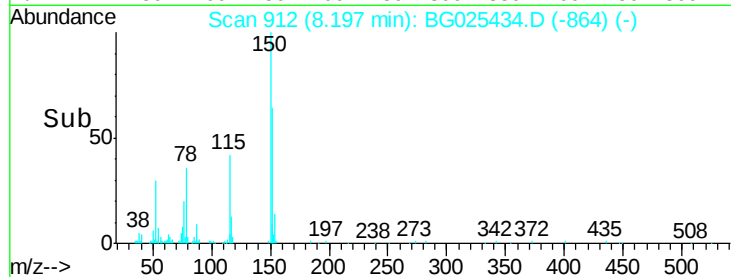
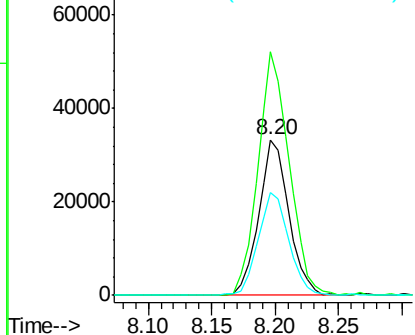
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.02 min
Lab File: BG025434.D
Acq: 9 Jan 2017 17:37

Instrument :
BNA_G
ClientSampleId :
PB95527BL

Tgt Ion:152 Resp: 55114
Ion Ratio Lower Upper
152 100
150 156.2 114.0 171.0
115 65.8 48.1 72.1



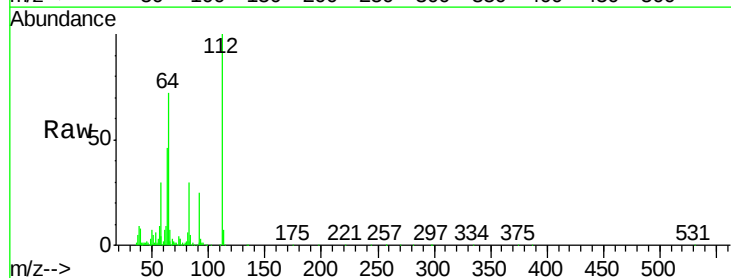
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



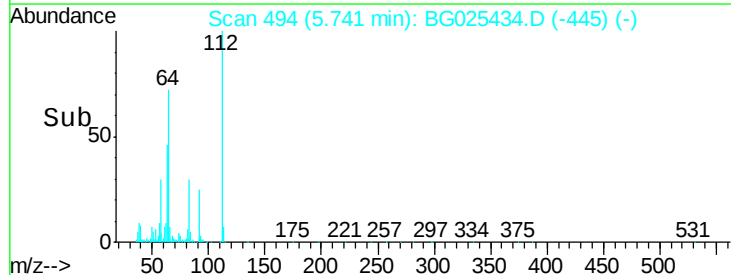
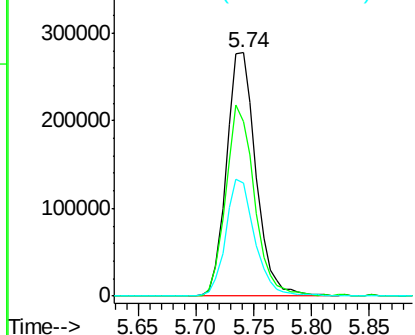
#5

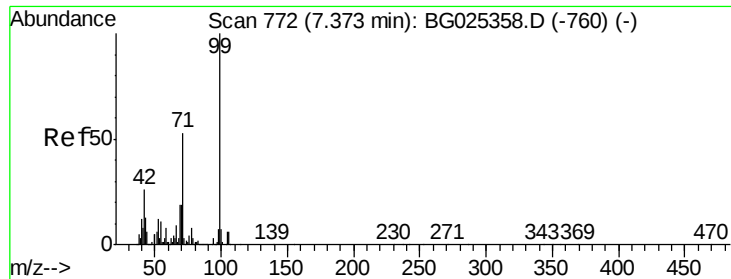
2-Fluorophenol
Concen: 162.51 ng
RT: 5.74 min Scan# 494
Delta R.T. -0.01 min
Lab File: BG025434.D
Acq: 9 Jan 2017 17:37

Tgt Ion:112 Resp: 492750
Ion Ratio Lower Upper
112 100
64 71.6 61.8 92.6
63 46.2 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: 162.39 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG025434.D

Acq: 9 Jan 2017 17:37

Instrument :

BNA_G

ClientSampleId :

PB95527BL

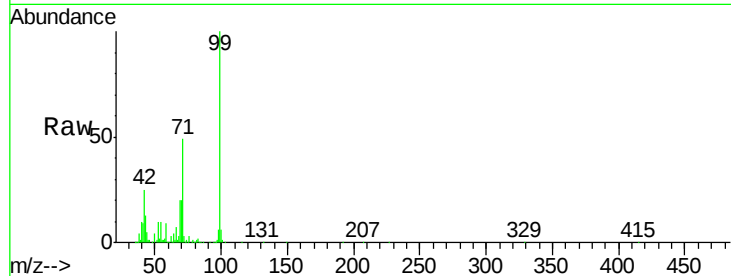
Tgt Ion: 99 Resp: 693448

Ion Ratio Lower Upper

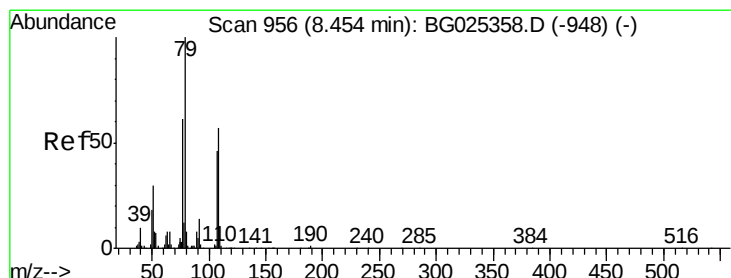
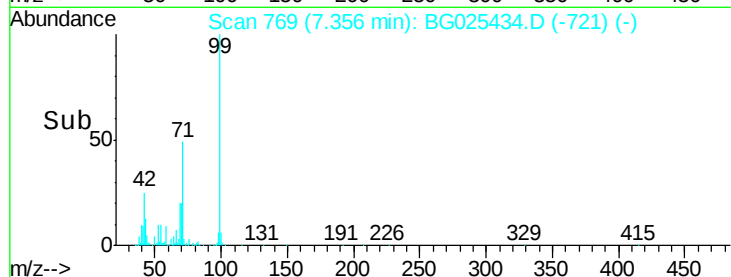
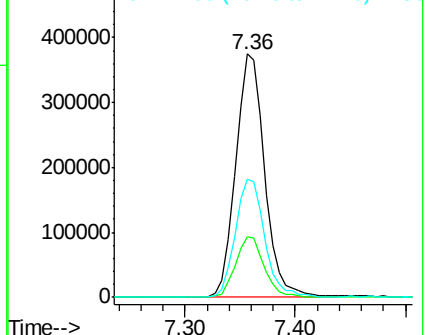
99 100

42 25.1 20.5 30.7

71 48.7 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: 2.31 ng

RT: 8.52 min Scan# 967

Delta R.T. 0.07 min

Lab File: BG025434.D

Acq: 9 Jan 2017 17:37

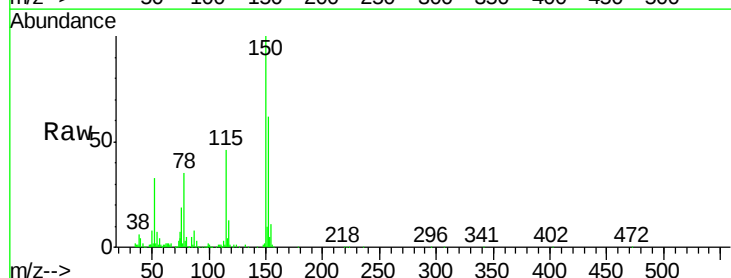
Tgt Ion: 79 Resp: 9404

Ion Ratio Lower Upper

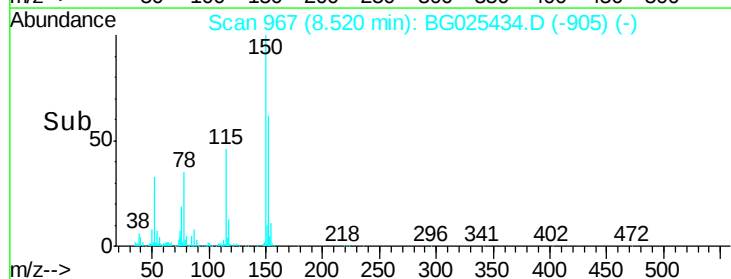
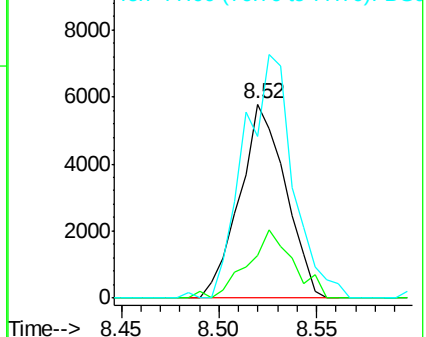
79 100

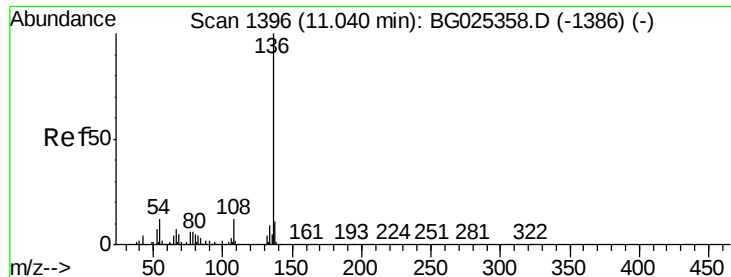
108 21.7 45.5 68.3#

77 83.7 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

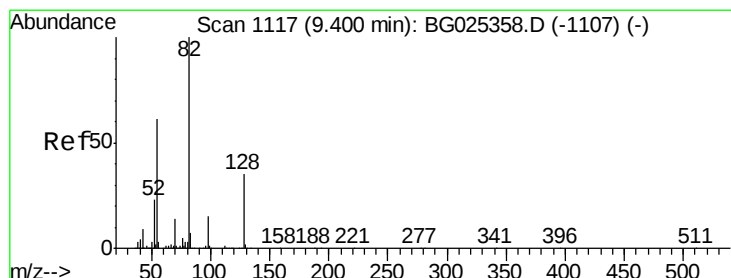
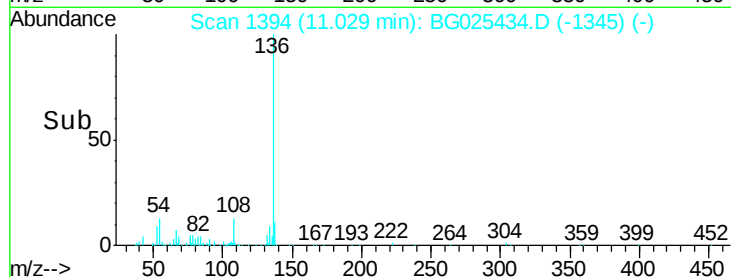
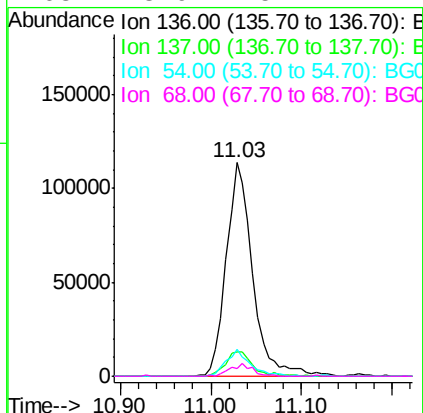
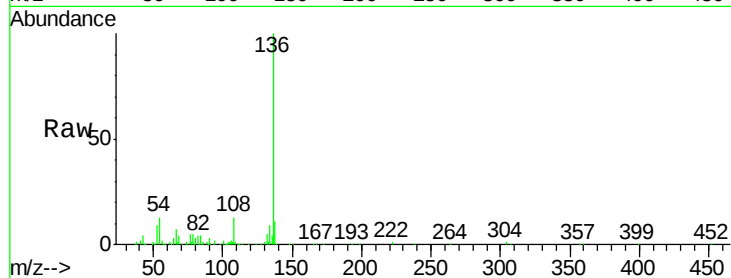




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG025434.D
Acq: 9 Jan 2017 17:37

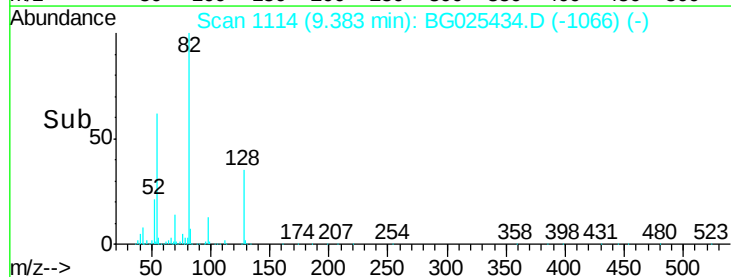
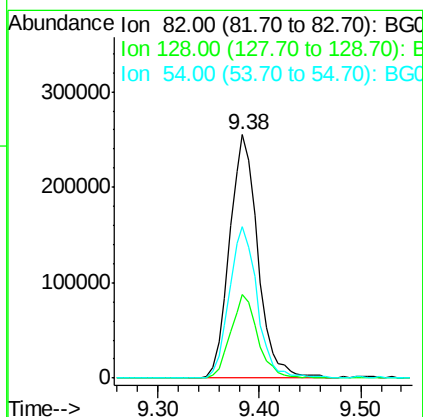
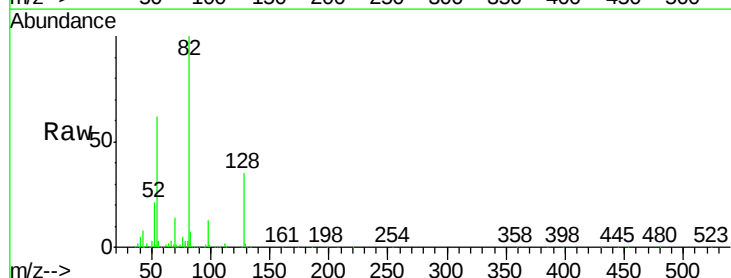
Instrument :
BNA_G
ClientSampleId :
PB95527BL

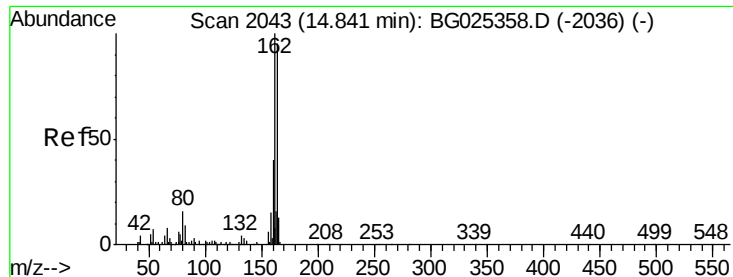
Tgt Ion:	136	Resp:	229916
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	12.6	9.3	13.9
68	3.9	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 94.68 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.02 min
Lab File: BG025434.D
Acq: 9 Jan 2017 17:37

Tgt Ion:	82	Resp:	492767
Ion	Ratio	Lower	Upper
82	100		
128	34.5	26.4	39.6
54	62.1	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BG025434.D

Acq: 9 Jan 2017 17:37

Instrument :

BNA_G

ClientSampleId :

PB95527BL

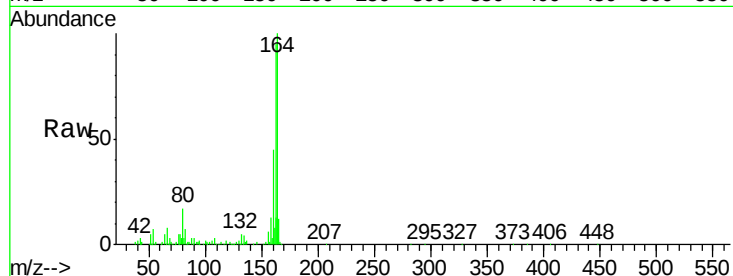
Tgt Ion:164 Resp: 181556

Ion Ratio Lower Upper

164 100

162 95.5 85.1 127.7

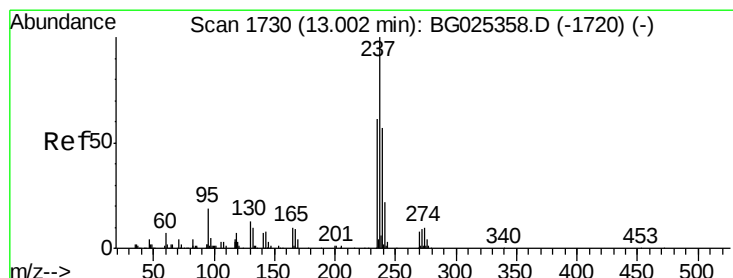
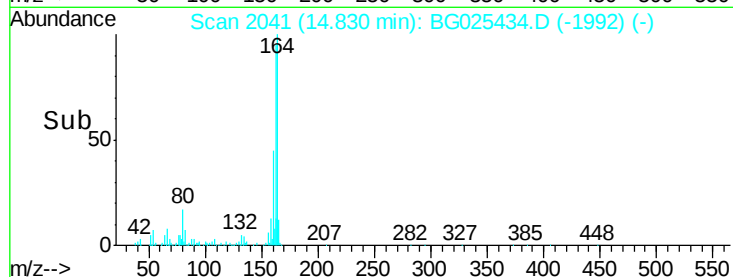
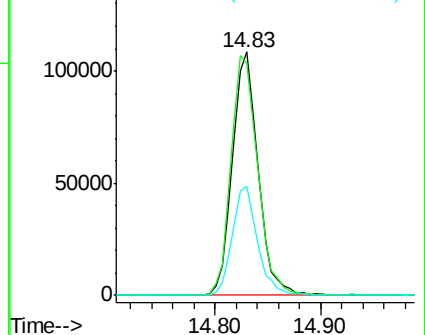
160 45.1 34.7 52.1



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: 13.03 min Scan# 1734

Delta R.T. 0.02 min

Lab File: BG025434.D

Acq: 9 Jan 2017 17:37

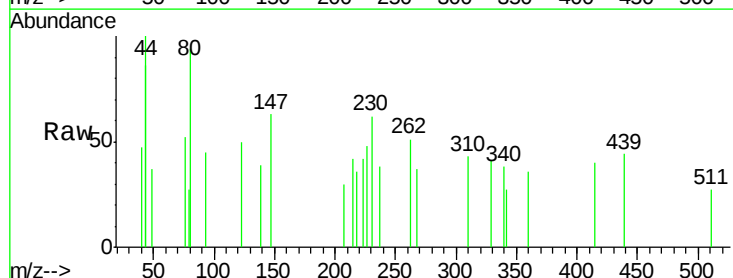
Tgt Ion:237 Resp: 75

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

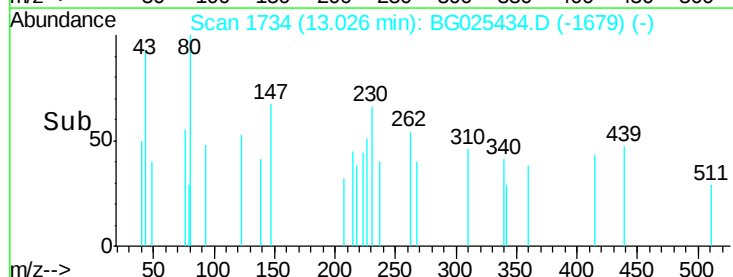
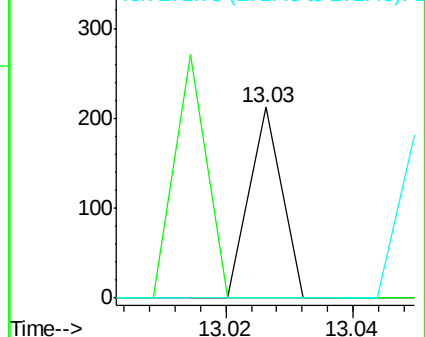
272 0.0 0.0 32.0

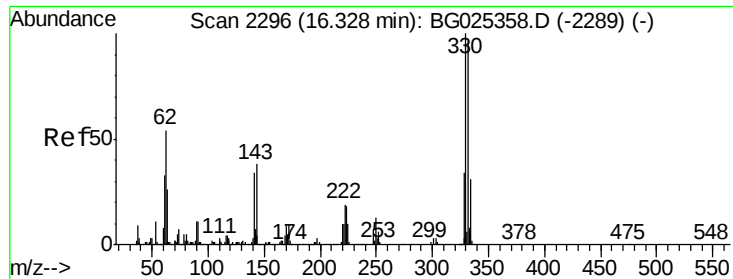


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

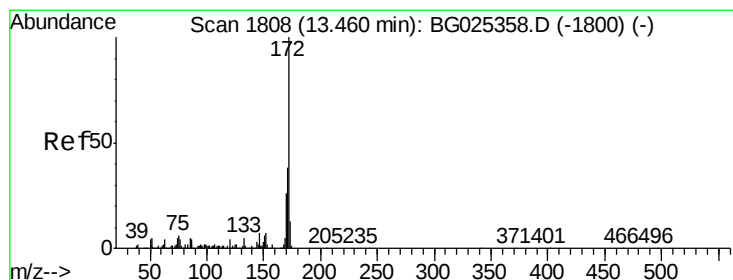
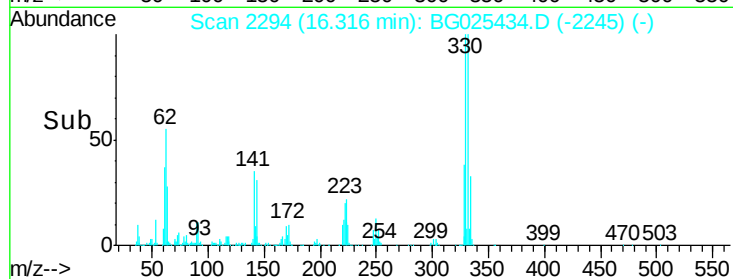
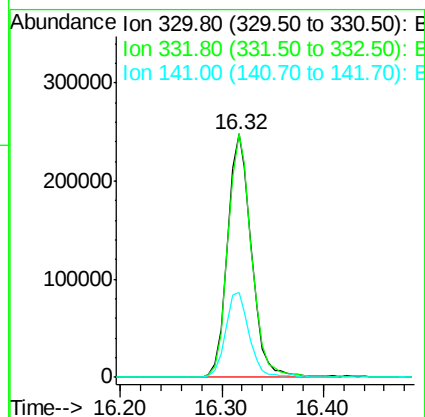
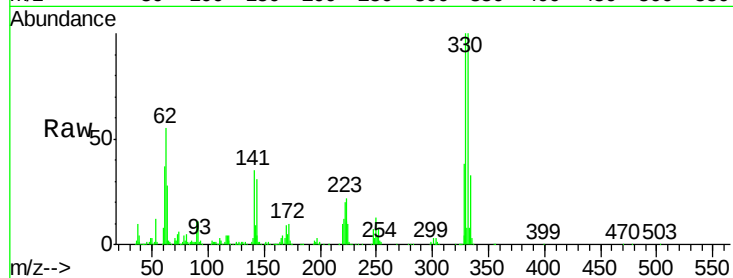




#41
 2,4,6-Tribromophenol
 Concen: 138.56 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG025434.D
 Acq: 9 Jan 2017 17:37

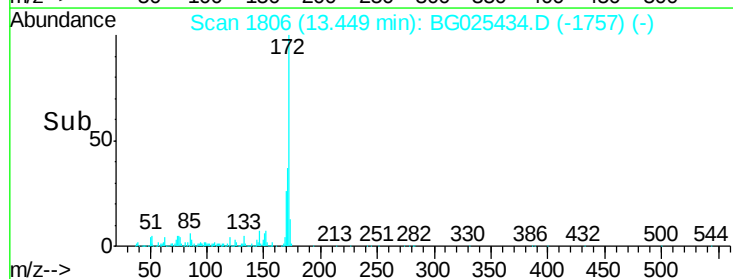
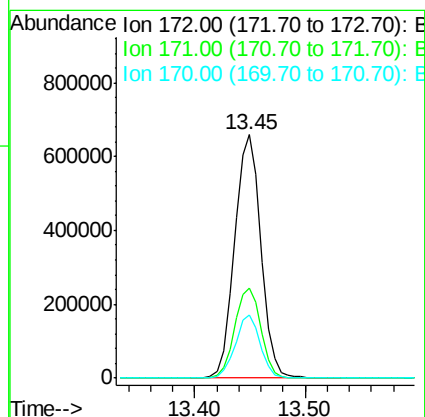
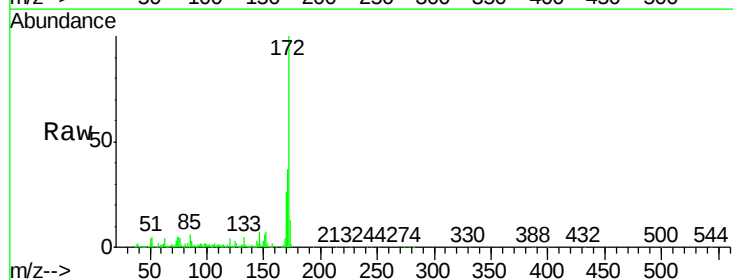
Instrument :
 BNA_G
 ClientSampleId :
 PB95527BL

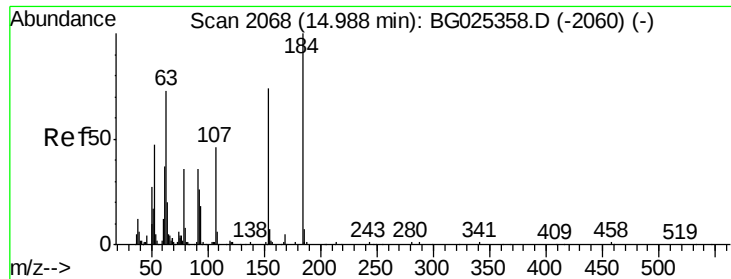
Tgt Ion:330 Resp: 404993
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.3 115.9
 141 34.5 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 98.09 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG025434.D
 Acq: 9 Jan 2017 17:37

Tgt Ion:172 Resp: 1100017
 Ion Ratio Lower Upper
 172 100
 171 36.9 32.2 48.2
 170 25.7 21.8 32.6





#53

2,4-Dinitrophenol

Concen: 5.11 ng

RT: 14.94 min Scan# 2059

Delta R.T. -0.05 min

Lab File: BG025434.D

Acq: 9 Jan 2017 17:37

Instrument :

BNA_G

ClientSampleId :

PB95527BL

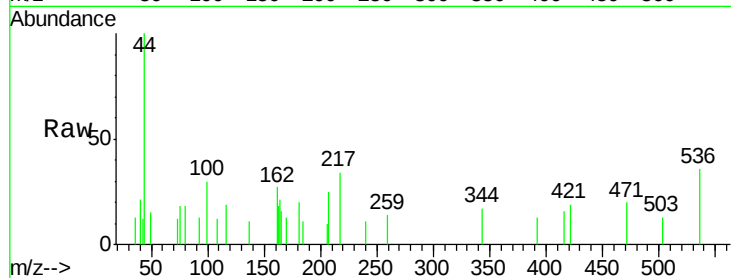
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

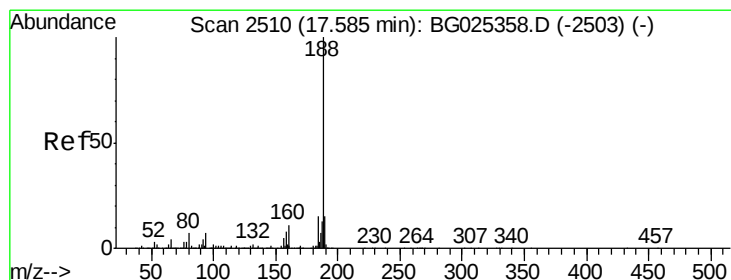
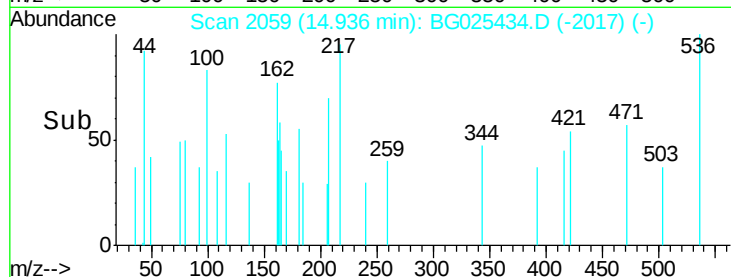
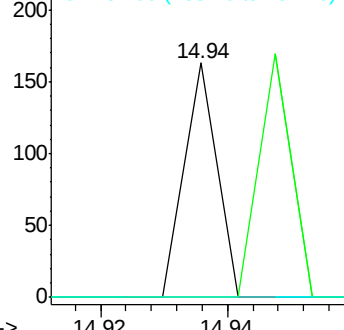
154 0.0 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): 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. -0.01 min

Lab File: BG025434.D

Acq: 9 Jan 2017 17:37

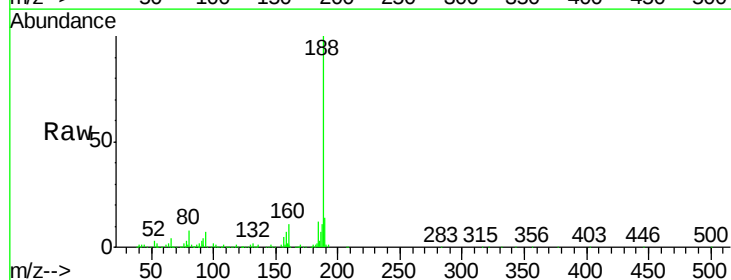
Tgt Ion:188 Resp: 413815

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.8

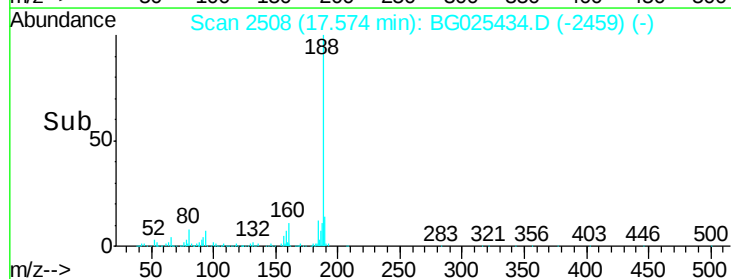
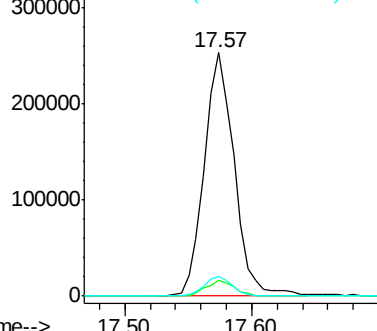
80 8.3 7.5 11.3

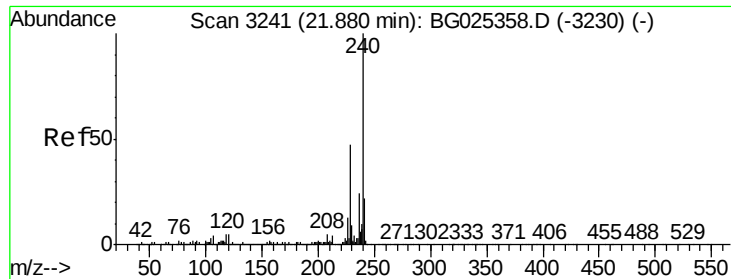


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.02 min

Lab File: BG025434.D

Acq: 9 Jan 2017 17:37

Instrument :

BNA_G

ClientSampleId :

PB95527BL

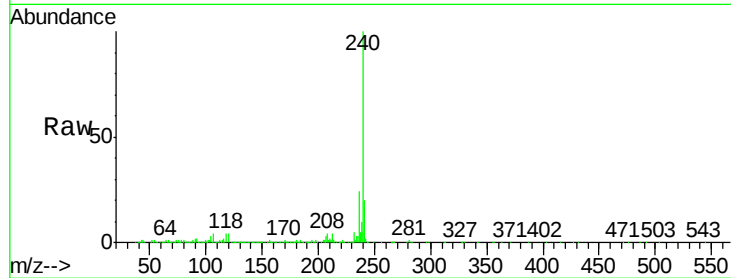
Tgt Ion:240 Resp: 655701

Ion Ratio Lower Upper

240 100

120 4.4 5.7 8.5#

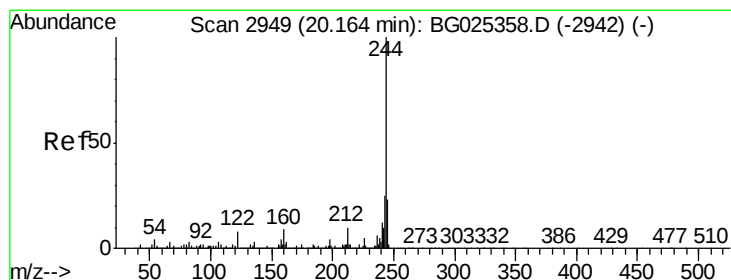
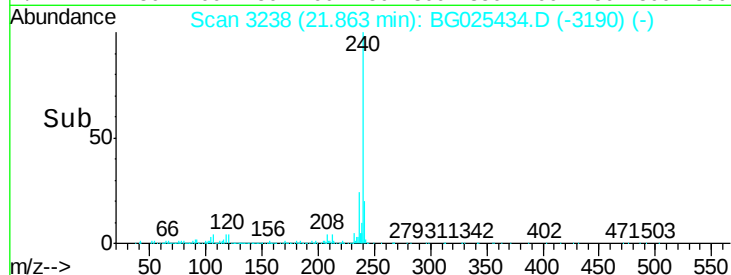
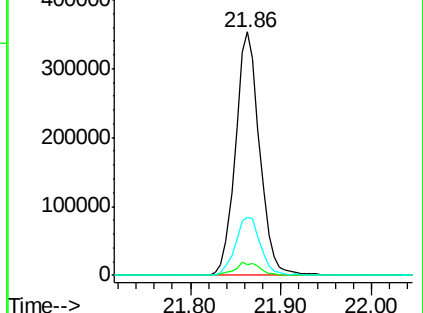
236 23.9 22.2 33.4



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: 88.68 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG025434.D

Acq: 9 Jan 2017 17:37

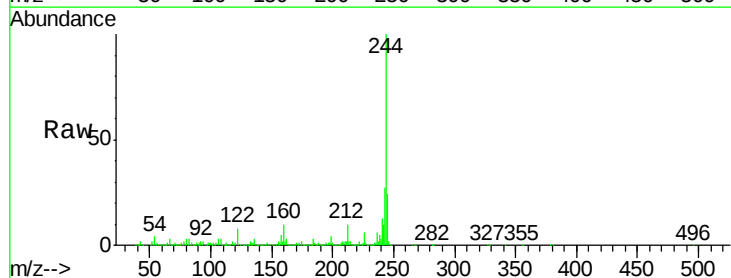
Tgt Ion:244 Resp: 2193014

Ion Ratio Lower Upper

244 100

212 10.3 10.0 15.0

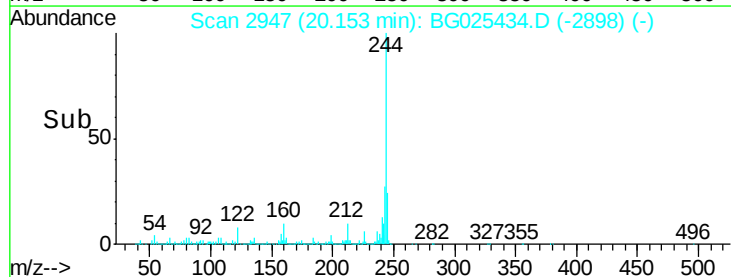
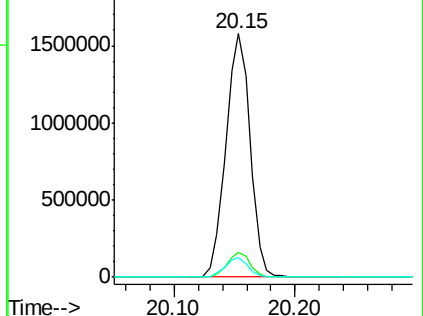
122 7.9 8.6 12.8#

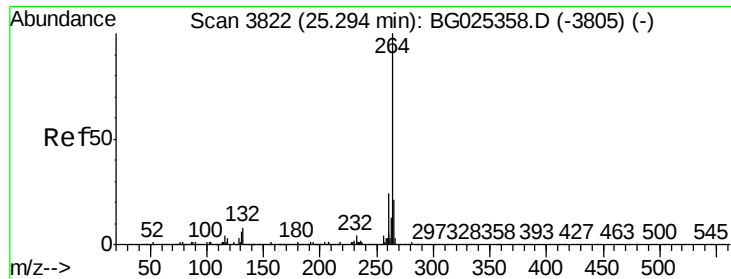


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.03 min
Lab File: BG025434.D
Acq: 9 Jan 2017 17:37

Instrument :
BNA_G
ClientSampleId :
PB95527BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.3	21.8	32.8#
265	21.4	18.2	27.4

