

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
 Data File : BG025493.D
 Acq On : 12 Jan 2017 22:14
 Operator : UM/SJ
 Sample : I1125-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-50

Quant Time: Jan 13 01:24:48 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

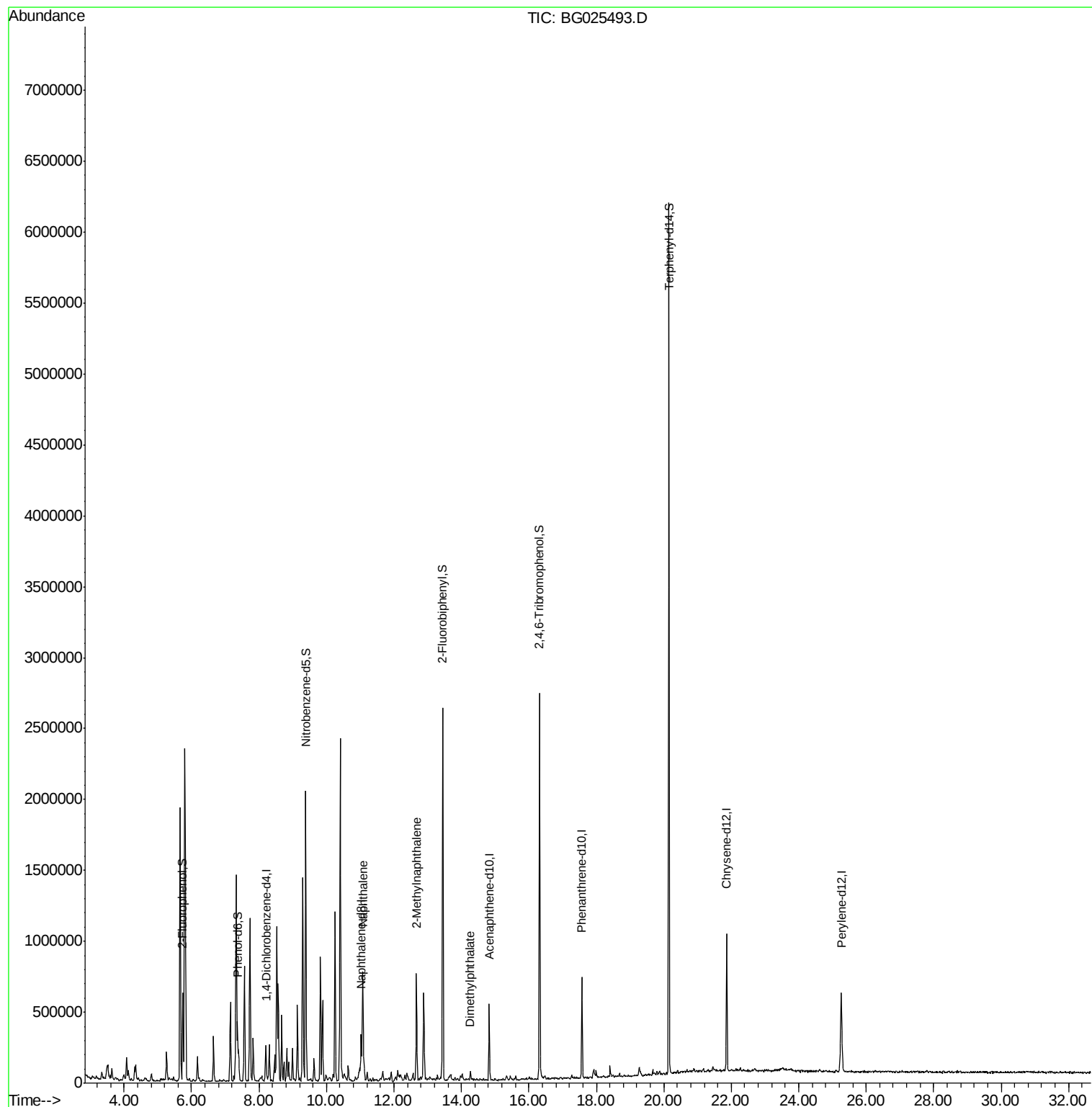
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	59882	20.00	ng	0.00
21) Naphthalene-d8	11.02	136	237611	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	199571	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	456546	20.00	ng	0.00
75) Chrysene-d12	21.86	240	667764	20.00	ng	0.00
86) Perylene-d12	25.26	264	707178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	246285	74.76	ng	0.00
7) Phenol-d6	7.36	99	220731	47.57	ng	0.00
23) Nitrobenzene-d5	9.39	82	584373	108.65	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	554267	172.51	ng	0.00
44) 2-Fluorobiphenyl	13.44	172	1303640	105.76	ng	0.00
78) Terphenyl-d14	20.15	244	2465023	97.88	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.08	128	577826	48.70	ng	98
37) 2-Methylnaphthalene	12.67	142	326938	37.18	ng	94
49) Dimethylphthalate	14.27	163	39670	2.73	ng	# 91

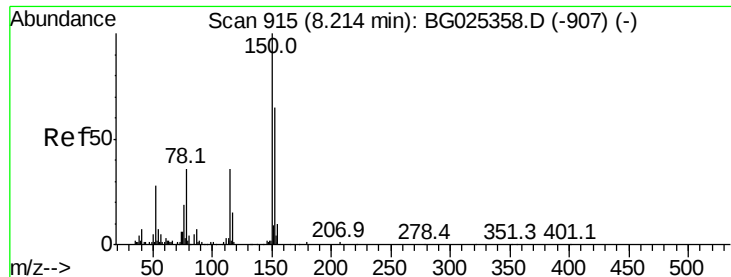
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.01 min

Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

Instrument :

BNA_G

ClientSampleId :

W-50

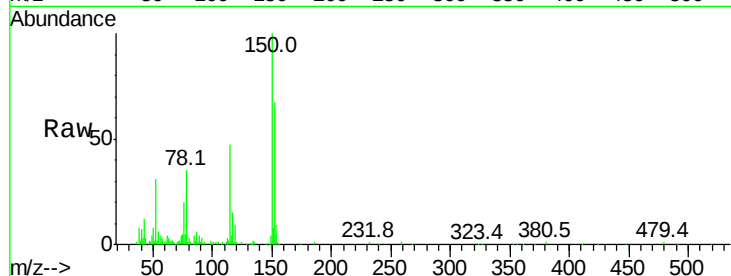
Tot Ion:152 Resp: 59882

Ion Ratio Lower Upper

152 100

150 149.0 114.0 171.0

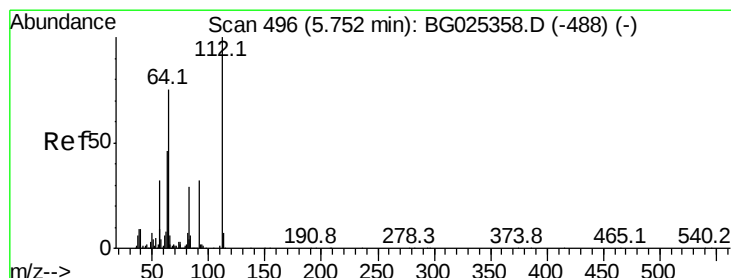
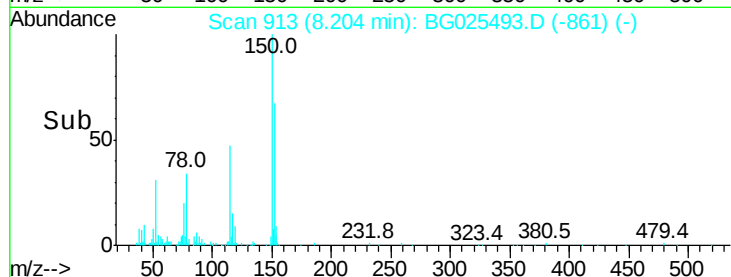
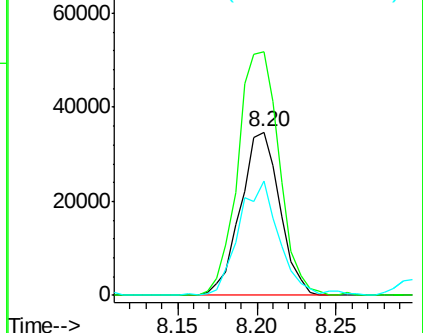
115 69.8 48.1 72.1



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: 74.76 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.01 min

Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

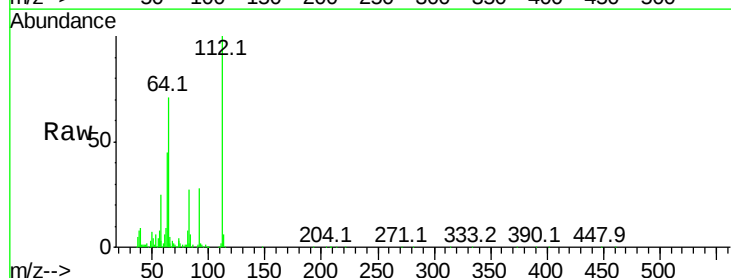
Tgt Ion:112 Resp: 246285

Ion Ratio Lower Upper

112 100

64 71.2 61.8 92.6

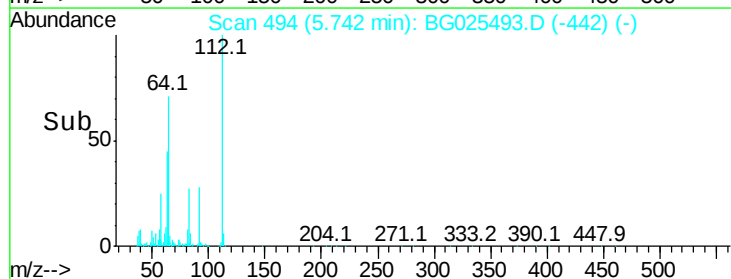
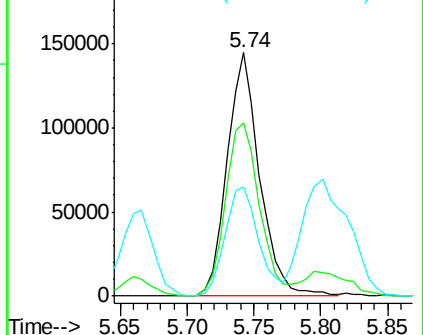
63 45.1 37.2 55.8

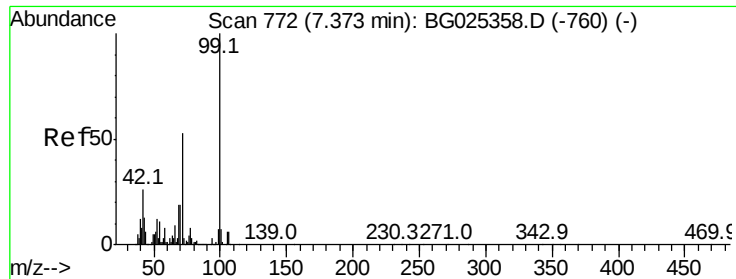


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 47.57 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

Instrument :

BNA_G

ClientSampleId :

W-50

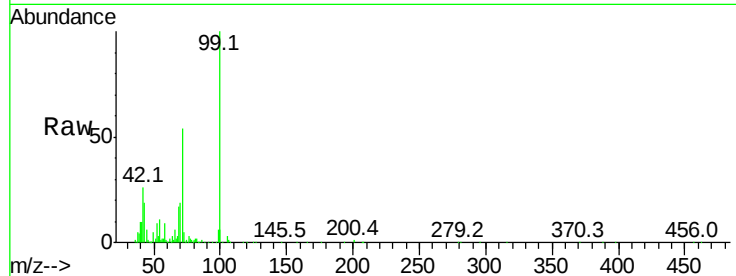
Tot Ion: 99 Resp: 220731

Ion Ratio Lower Upper

99 100

42 25.9 20.5 30.7

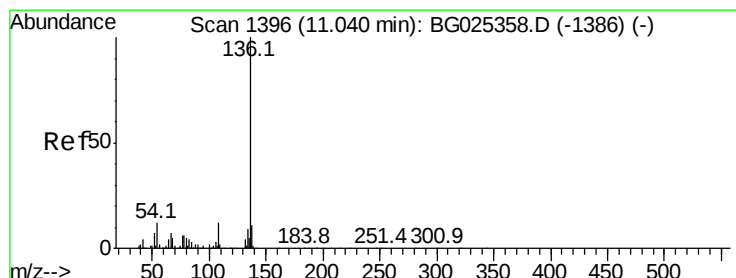
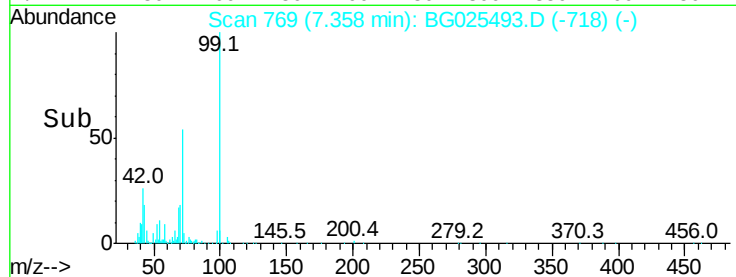
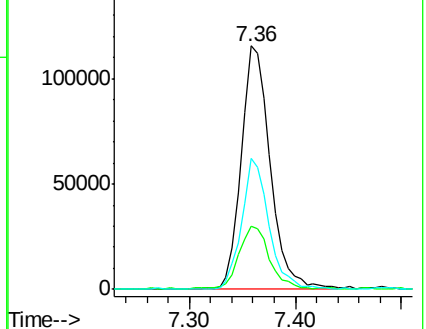
71 53.5 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.02 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

Tgt Ion: 136 Resp: 237611

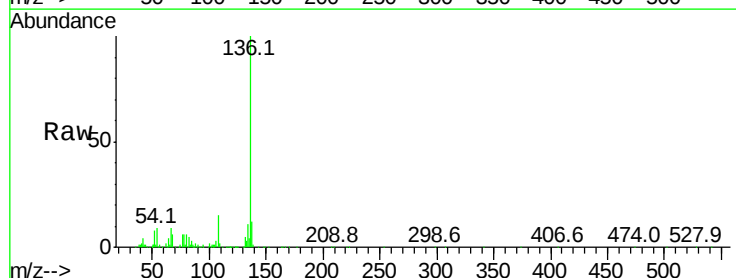
Ion Ratio Lower Upper

136 100

137 12.2 8.9 13.3

54 8.9 9.3 13.9#

68 6.1 5.1 7.7

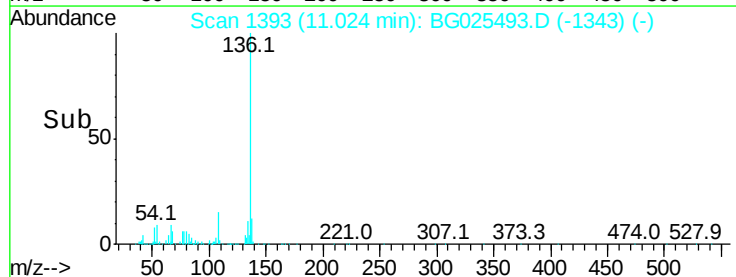
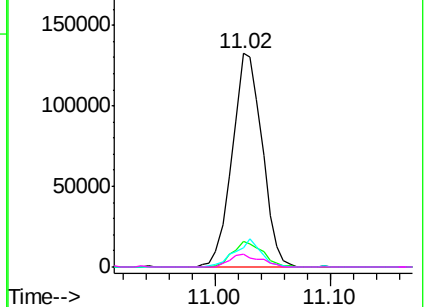


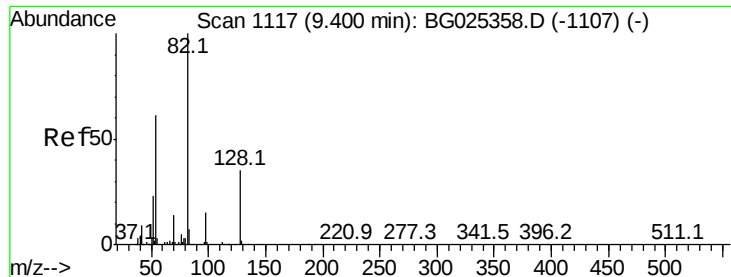
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

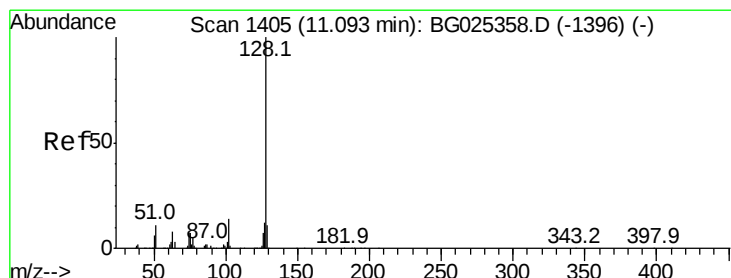
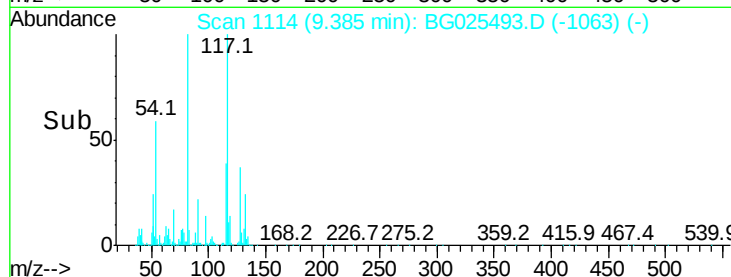
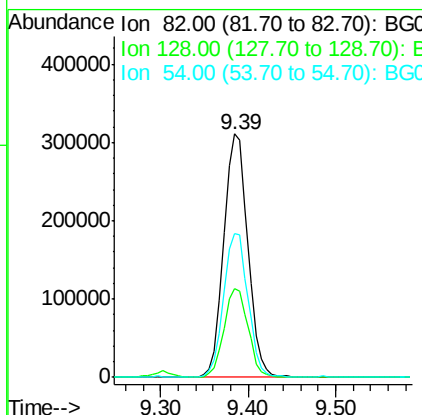
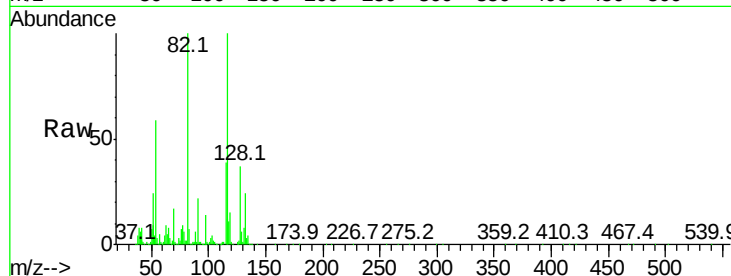




#23
 Nitrobenzene-d5
 Concen: 108.65 ng
 RT: 9.39 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BG025493.D
 Acq: 12 Jan 2017 22:14

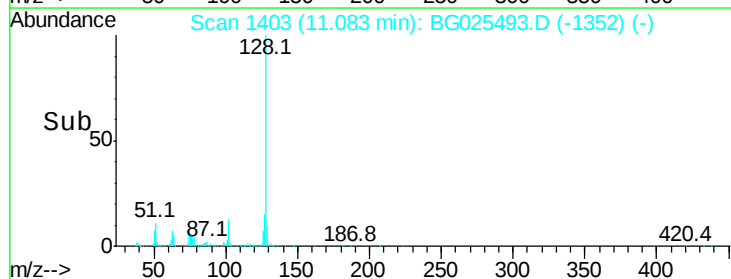
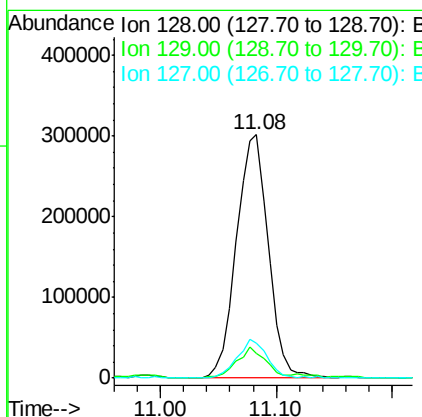
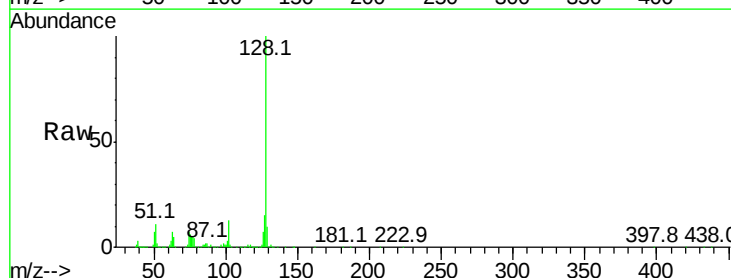
Instrument :
 BNA_G
 ClientSampleId :
 W-50

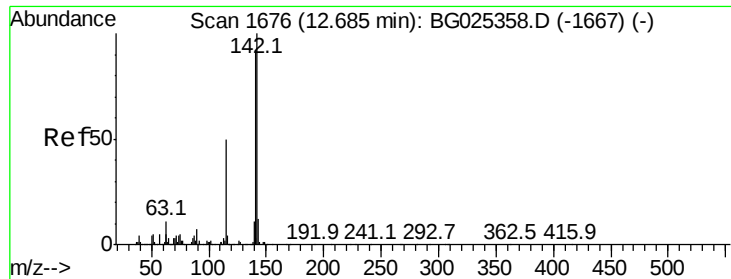
Tot Ion	82	Resp	584373
Ion Ratio	100	Lower	Upper
128	36.6	26.4	39.6
54	58.8	49.4	74.2



#31
 Naphthalene
 Concen: 48.70 ng
 RT: 11.08 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BG025493.D
 Acq: 12 Jan 2017 22:14

Tgt Ion	128	Resp	577826
Ion Ratio	100	Lower	Upper
129	10.3	9.3	13.9
127	14.5	11.4	17.0





#37

2-Methylnaphthalene

Concen: 37.18 ng

RT: 12.67 min Scan# 1673

Delta R.T. 0.00 min

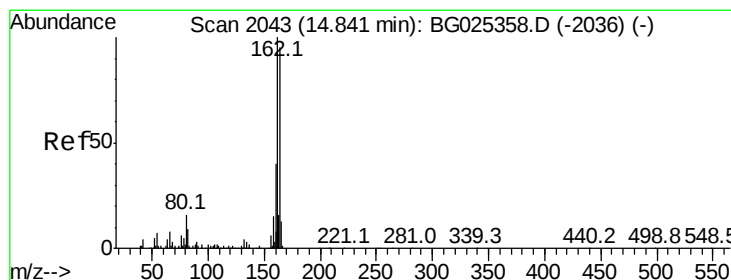
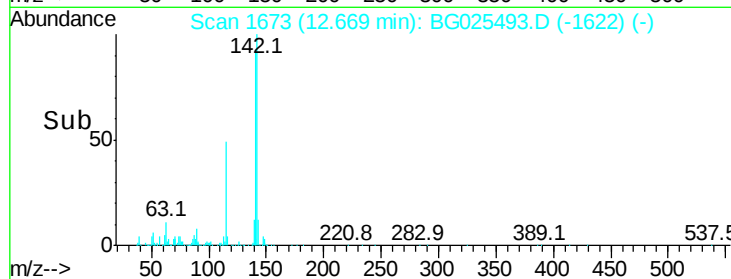
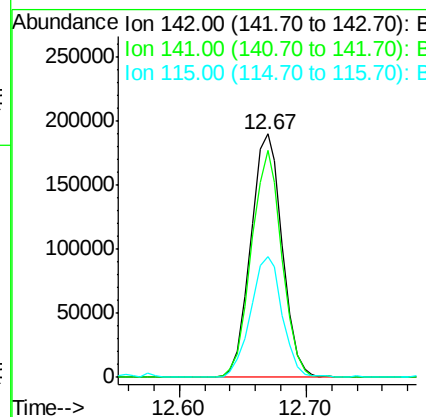
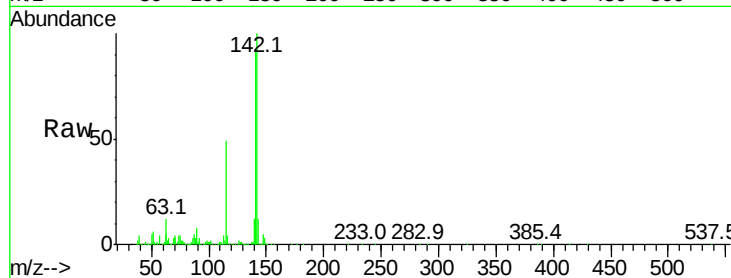
Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

Instrument :
BNA_G
ClientSampleId :
W-50

Tot Ion:142 Resp: 326938

Ion	Ratio	Lower	Upper
142	100		
141	93.4	70.4	105.6
115	49.3	35.5	53.3



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2040

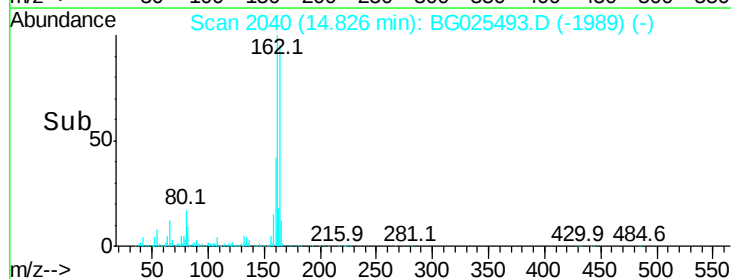
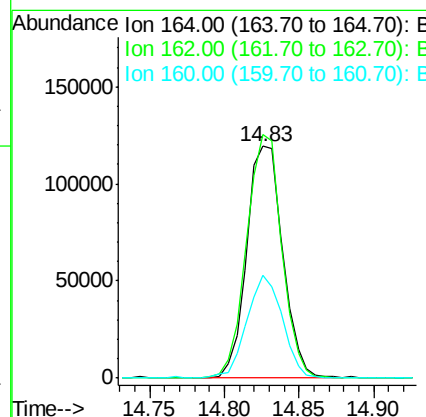
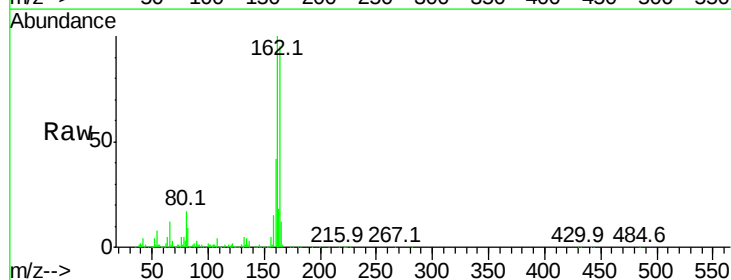
Delta R.T. 0.00 min

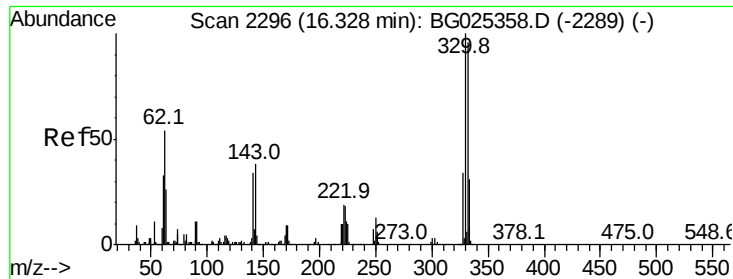
Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

Tgt Ion:164 Resp: 199571

Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	44.4	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 172.51 ng

RT: 16.32 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

Instrument :

BNA_G

ClientSampleId :

W-50

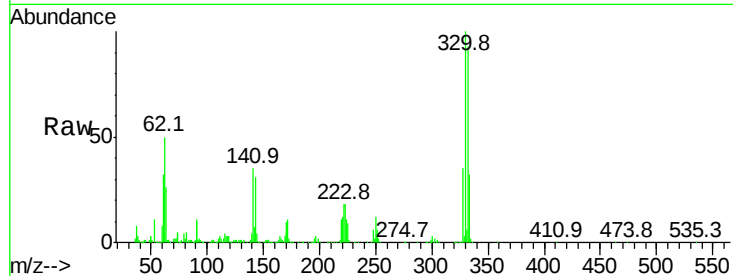
Tot Ion:330 Resp: 554267

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

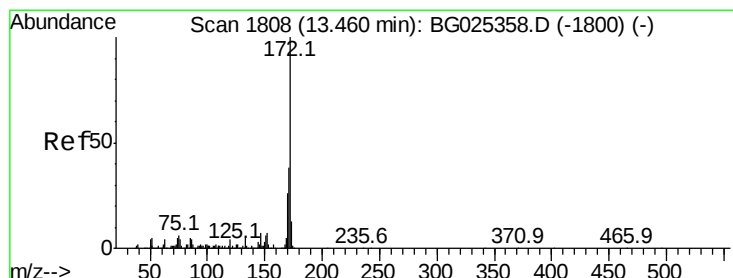
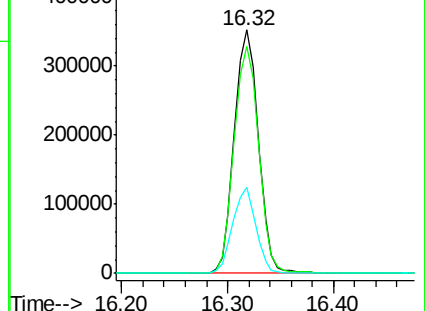
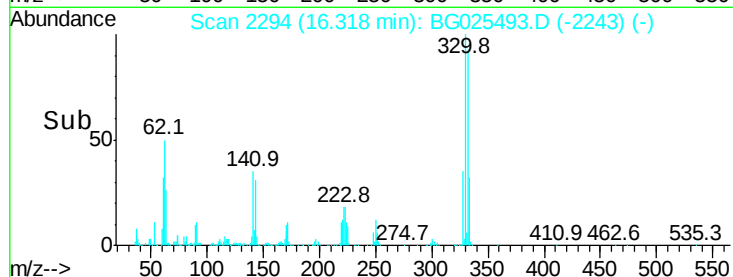
141 34.0 32.1 48.1



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: 105.76 ng

RT: 13.44 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

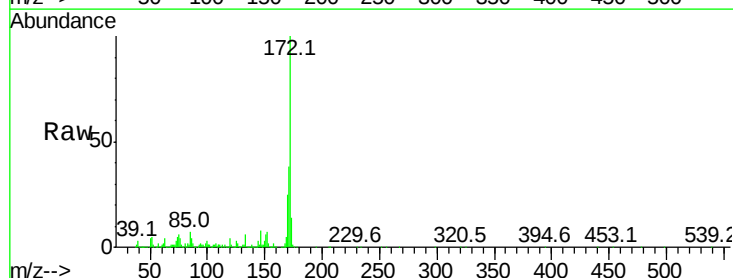
Tgt Ion:172 Resp: 1303640

Ion Ratio Lower Upper

172 100

171 37.6 32.2 48.2

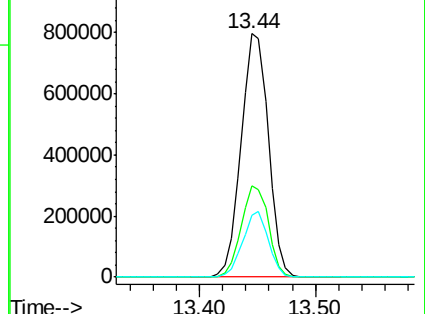
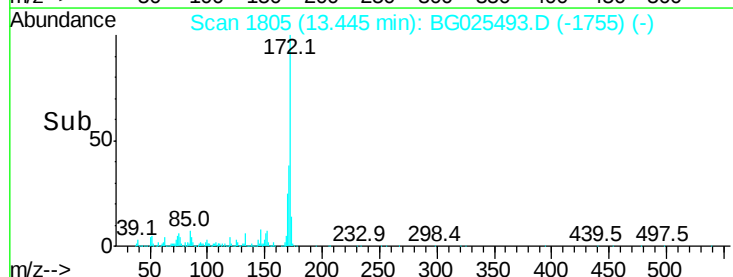
170 25.3 21.8 32.6

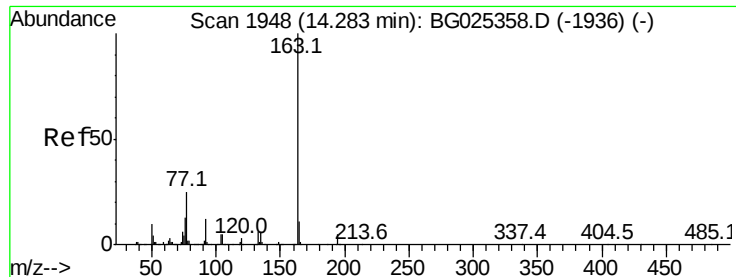


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.73 ng

RT: 14.27 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

Instrument :

BNA_G

ClientSampleId :

W-50

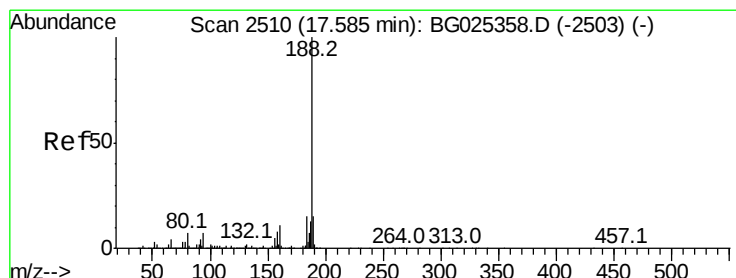
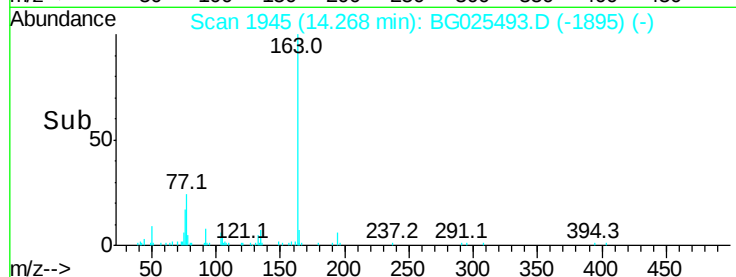
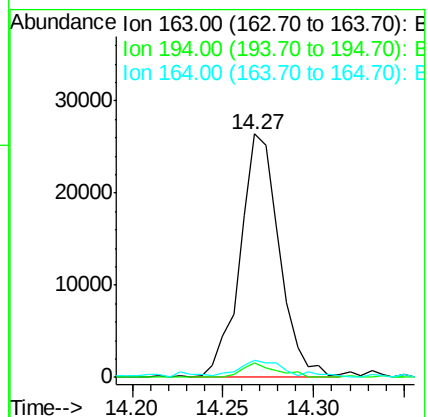
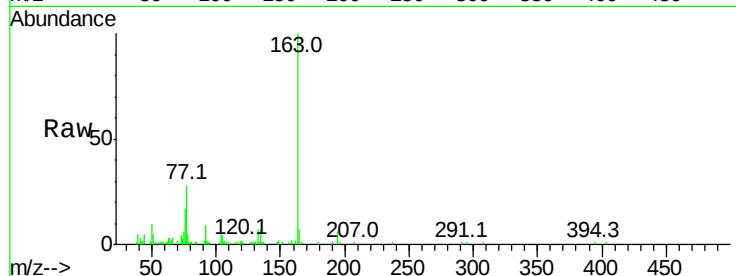
Tot Ion:163 Resp: 39670

Ion Ratio Lower Upper

163 100

194 5.9 3.8 5.6#

164 7.3 9.3 13.9#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

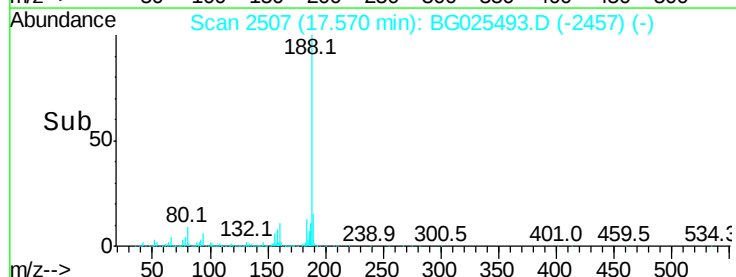
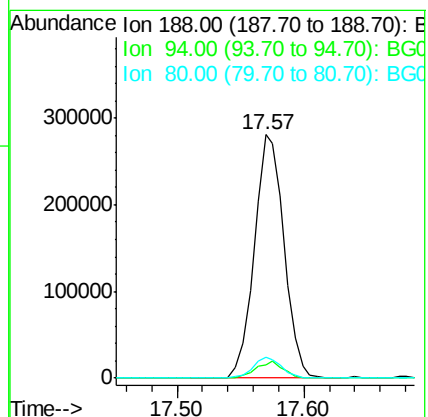
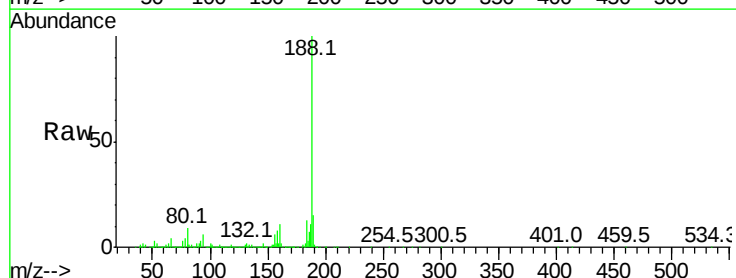
Tgt Ion:188 Resp: 456546

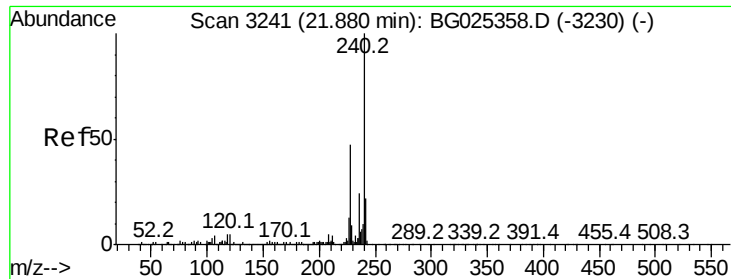
Ion Ratio Lower Upper

188 100

94 5.6 5.8 8.8#

80 8.6 7.5 11.3





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

Instrument :

BNA_G

ClientSampleId :

W-50

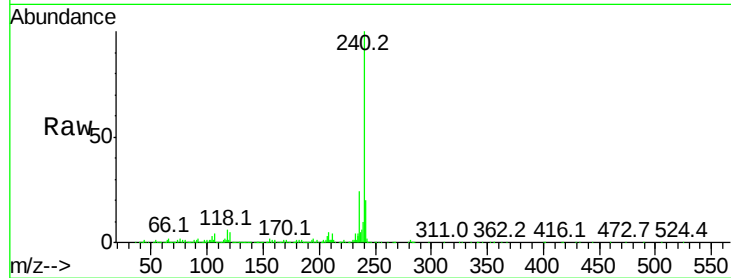
Tot Ion:240 Resp: 667764

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

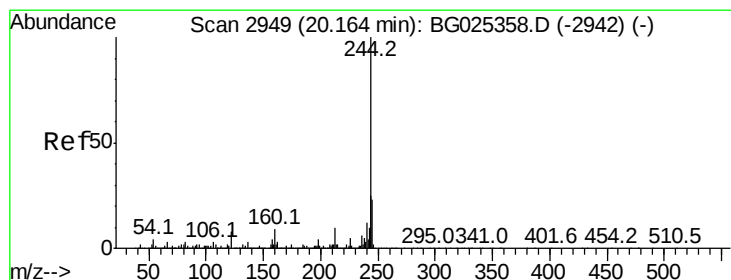
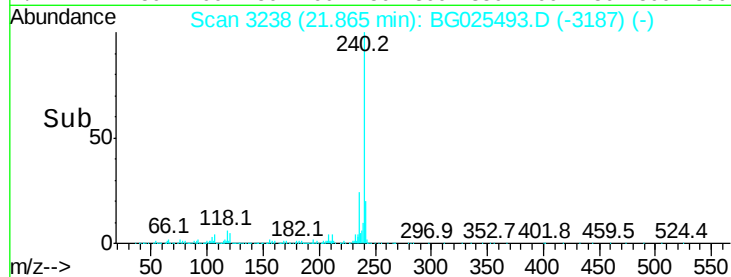
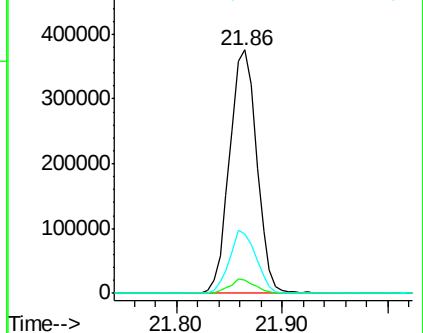
236 24.5 22.2 33.4



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: 97.88 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

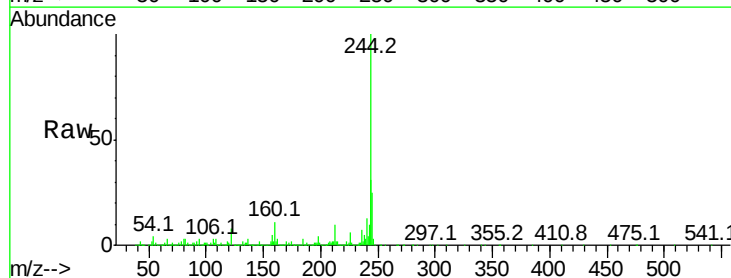
Tgt Ion:244 Resp: 2465023

Ion Ratio Lower Upper

244 100

212 10.4 10.0 15.0

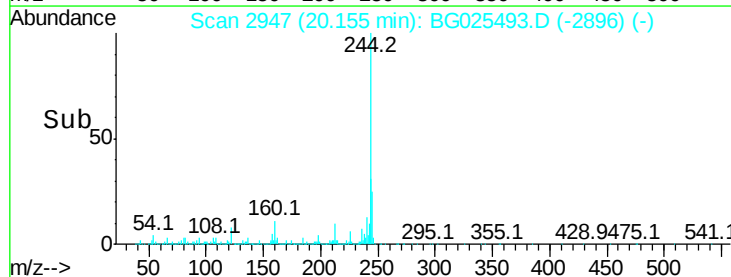
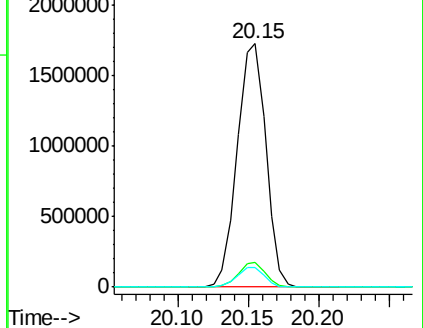
122 8.1 8.6 12.8#

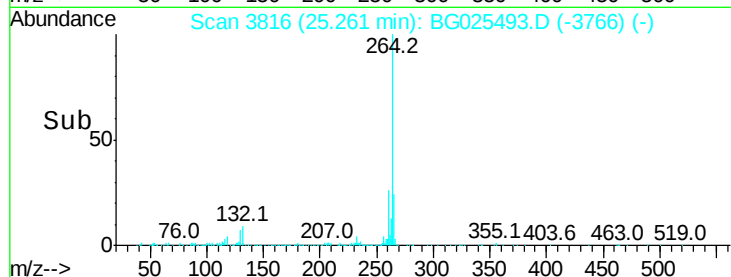
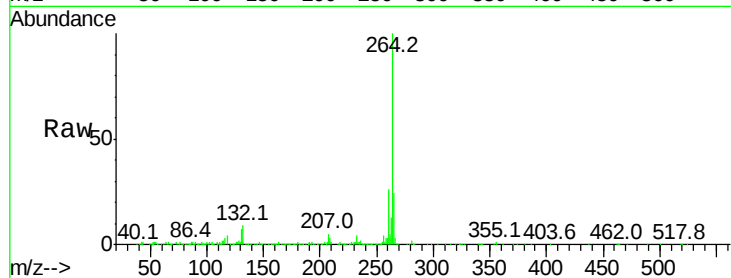
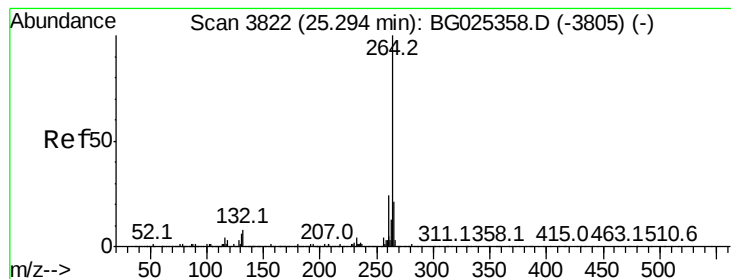


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.26 min Scan# 3816

Delta R.T. -0.00 min

Lab File: BG025493.D

Acq: 12 Jan 2017 22:14

Instrument :

BNA_G

ClientSampleId :

W-50

Tot Ion:264 Resp: 707178

Ion Ratio Lower Upper

264 100

260 25.6 21.8 32.8

265 24.3 18.2 27.4

