

Data Path : Z:\HPCHEM1\BNA G\Data\BG011117\
 Data File : BG025472.D
 Acq On : 11 Jan 2017 14:01
 Operator : UM/SJ
 Sample : PB95912BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 11 15:40:37 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

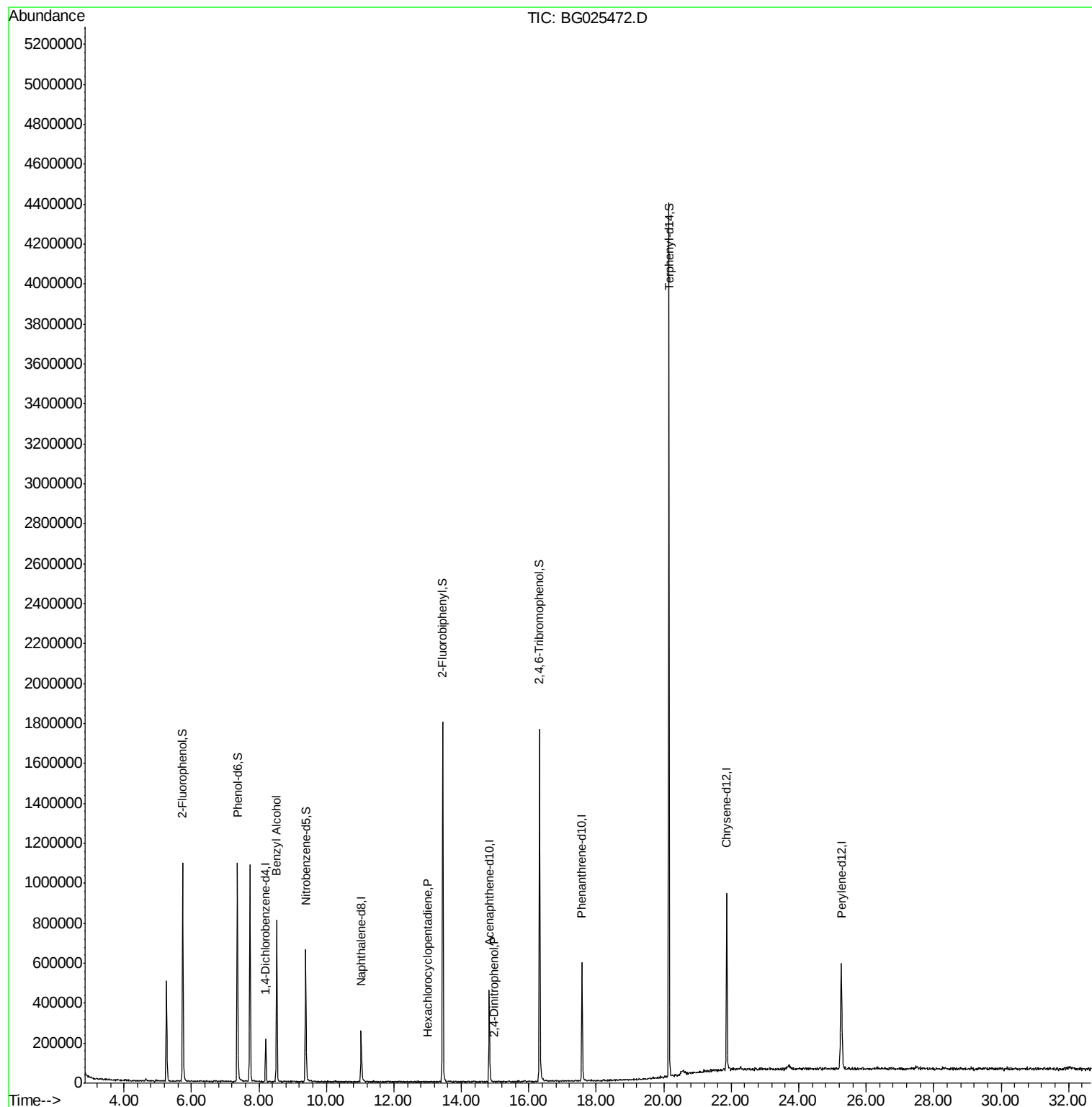
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	55638	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	218191	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	175369	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	415653	20.00	ng	0.00
75) Chrysene-d12	21.87	240	618107	20.00	ng	0.00
86) Perylene-d12	25.26	264	655391	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	433526	141.63	ng	0.00
7) Phenol-d6	7.36	99	598798	138.90	ng	0.00
23) Nitrobenzene-d5	9.39	82	435694	88.21	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	361711	128.11	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	936021	86.41	ng	0.00
78) Terphenyl-d14	20.16	244	1956981	83.95	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.52	79	8785	2.13	ng	# 41
40) Hexachlorocyclopentadiene	12.99	237	80	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.97	184	87	5.12	ng	# 15

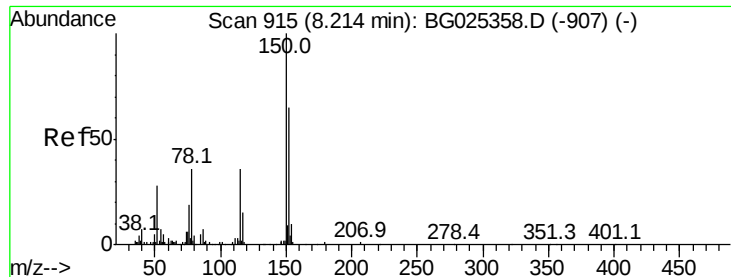
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.01 min

Lab File: BG025472.D

Acq: 11 Jan 2017 14:01

Instrument :

BNA_G

ClientSampleId :

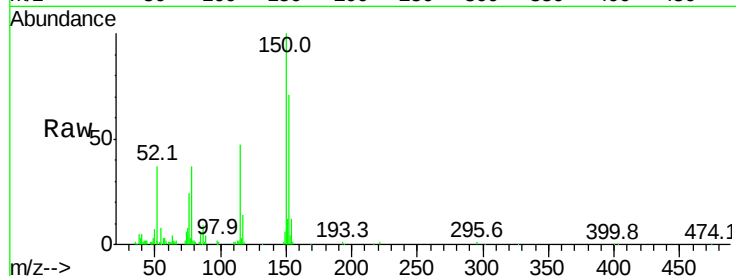
Tot Ion:152 Resp: 55638

Ion Ratio Lower Upper

152 100

150 140.4 114.0 171.0

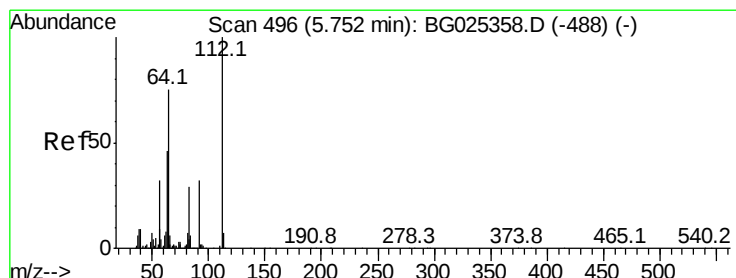
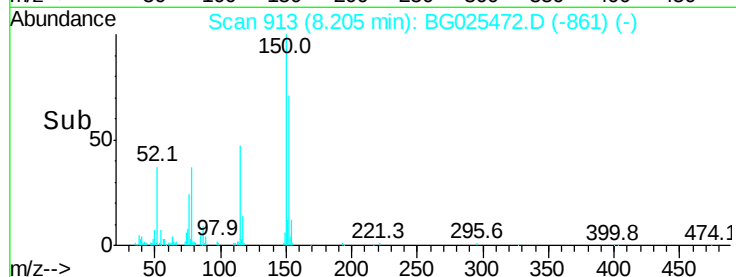
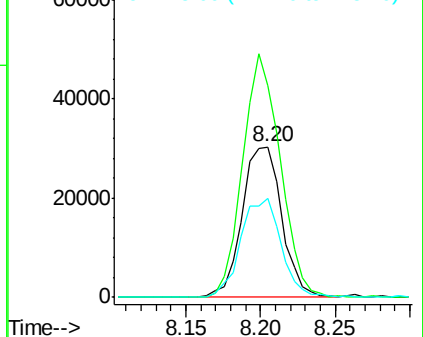
115 65.7 48.1 72.1



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: 141.63 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.01 min

Lab File: BG025472.D

Acq: 11 Jan 2017 14:01

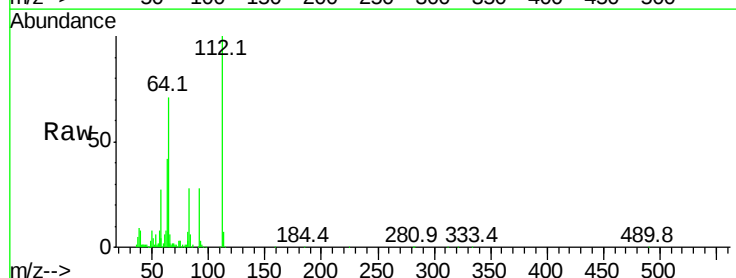
Tgt Ion:112 Resp: 433526

Ion Ratio Lower Upper

112 100

64 71.1 61.8 92.6

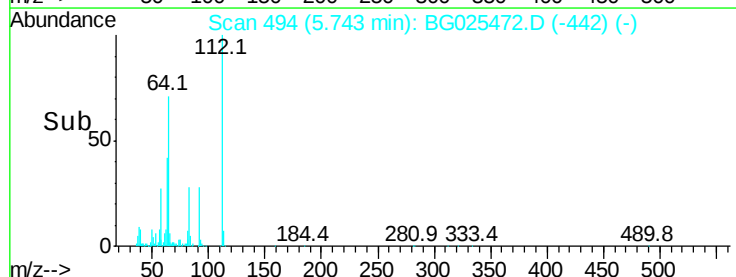
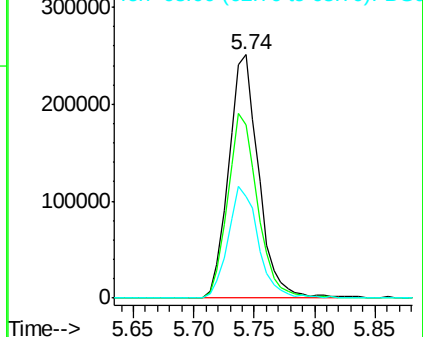
63 41.7 37.2 55.8

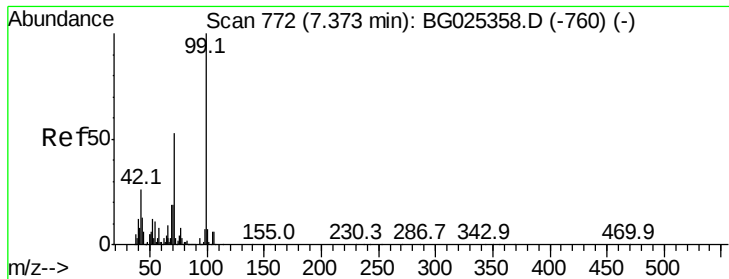


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 138.90 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025472.D

Acq: 11 Jan 2017 14:01

Instrument :

BNA_G

ClientSampleId :

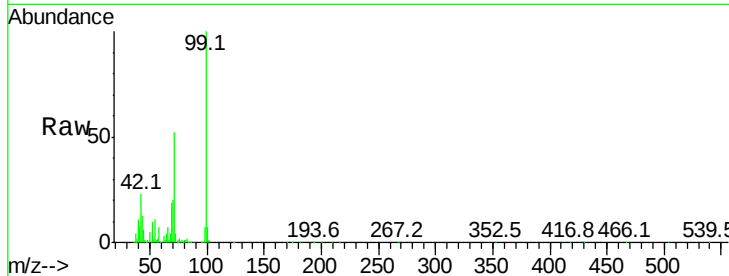
Tot Ion: 99 Resp: 598798

Ion Ratio Lower Upper

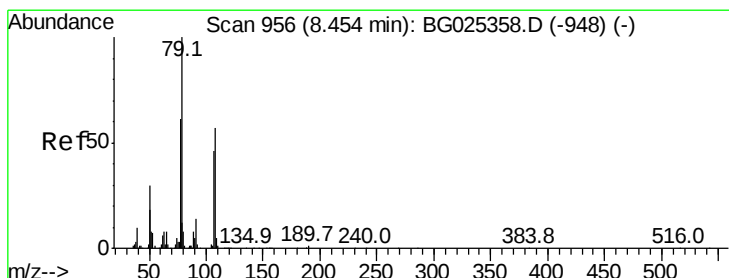
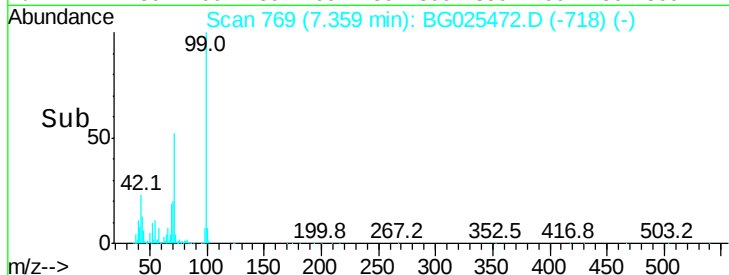
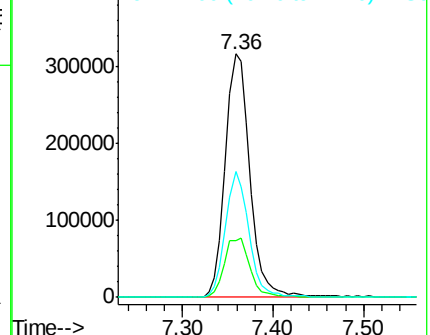
99 100

42 23.2 20.5 30.7

71 51.7 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: 2.13 ng

RT: 8.52 min Scan# 967

Delta R.T. 0.08 min

Lab File: BG025472.D

Acq: 11 Jan 2017 14:01

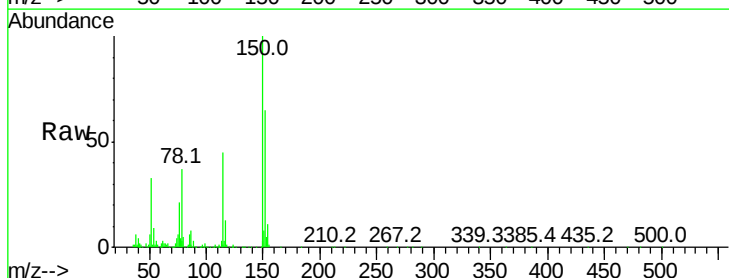
Tgt Ion: 79 Resp: 8785

Ion Ratio Lower Upper

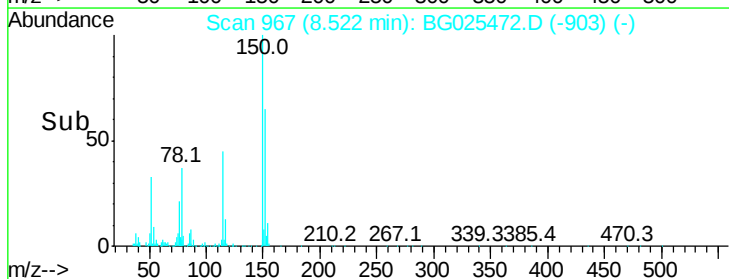
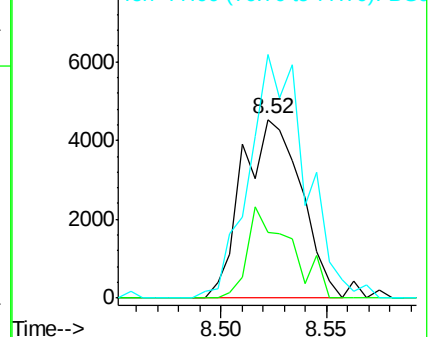
79 100

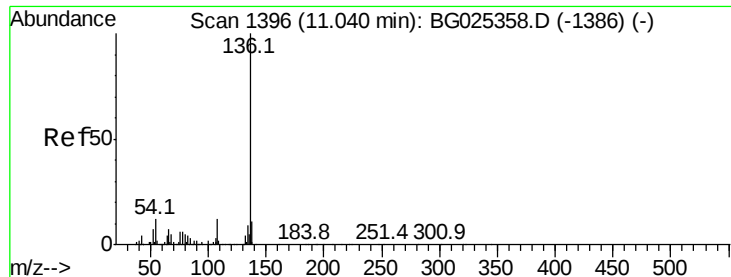
108 36.6 45.5 68.3#

77 136.3 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

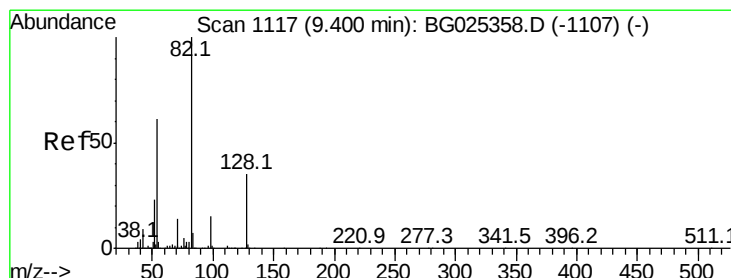
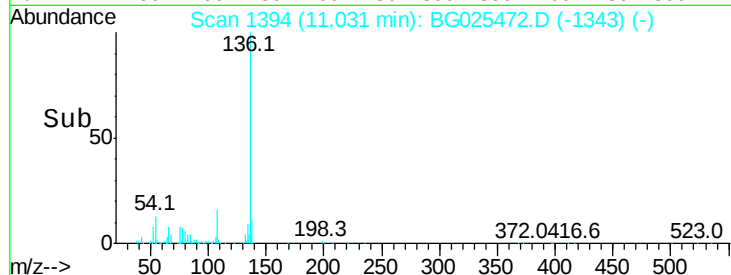
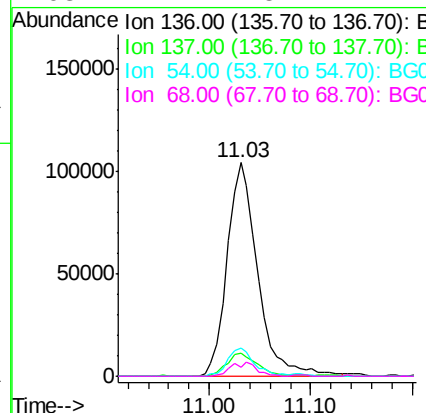
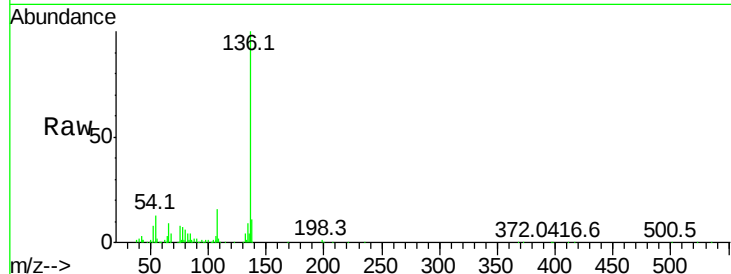




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG025472.D
Acq: 11 Jan 2017 14:01

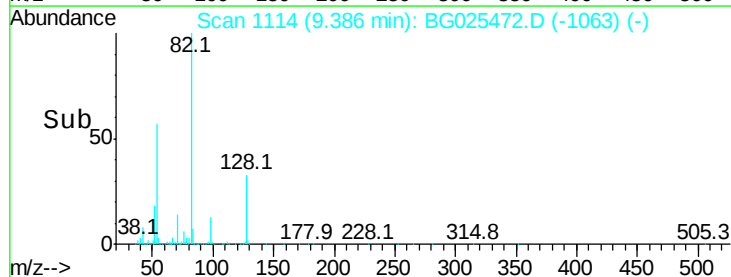
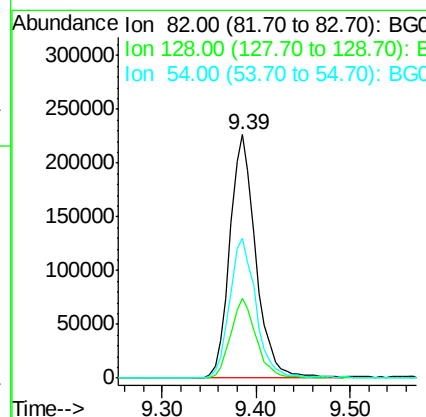
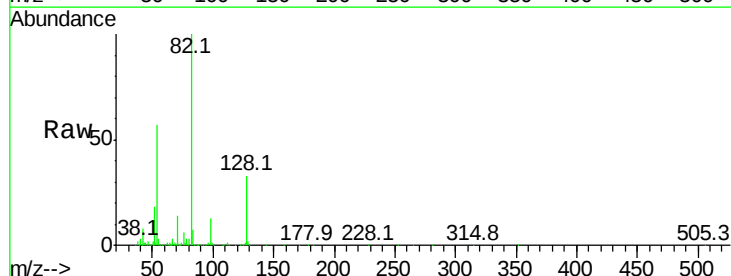
Instrument :
BNA_G
ClientSampleId :

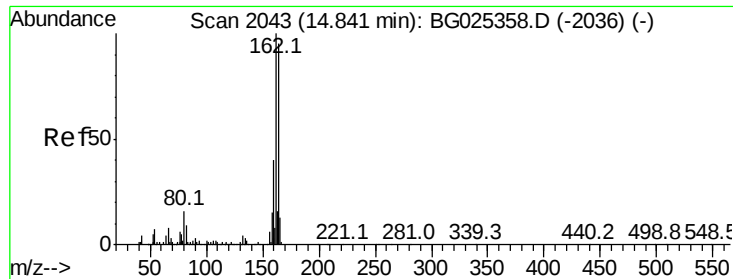
Tot Ion:136	Resp:	218191
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	13.0	9.3 13.9
68	4.4	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 88.21 ng
RT: 9.39 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BG025472.D
Acq: 11 Jan 2017 14:01

Tgt Ion: 82	Resp:	435694
Ion Ratio	Lower	Upper
82	100	
128	32.7	26.4 39.6
54	57.3	49.4 74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BG025472.D

Acq: 11 Jan 2017 14:01

Instrument :

BNA_G

ClientSampled :

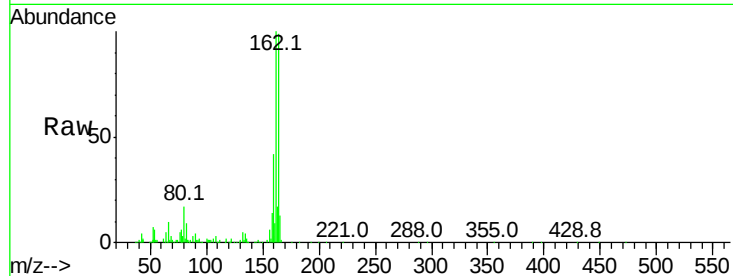
Tot Ion:164 Resp: 175369

Ion Ratio Lower Upper

164 100

162 100.6 85.1 127.7

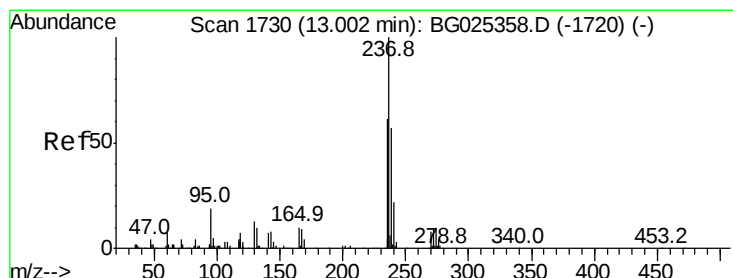
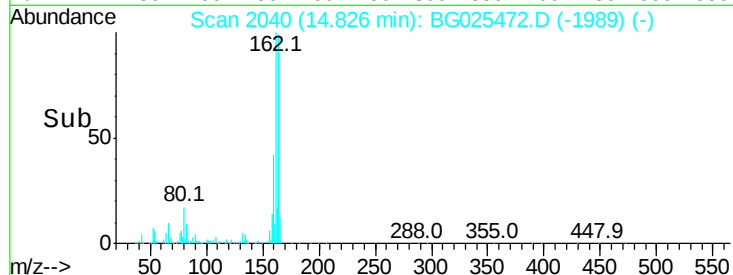
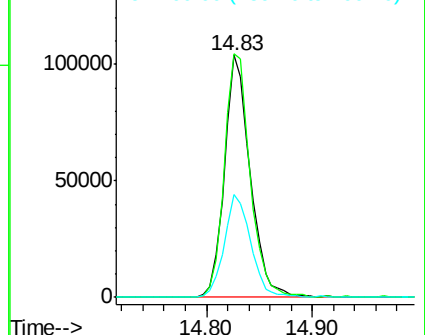
160 42.3 34.7 52.1



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: 12.99 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BG025472.D

Acq: 11 Jan 2017 14:01

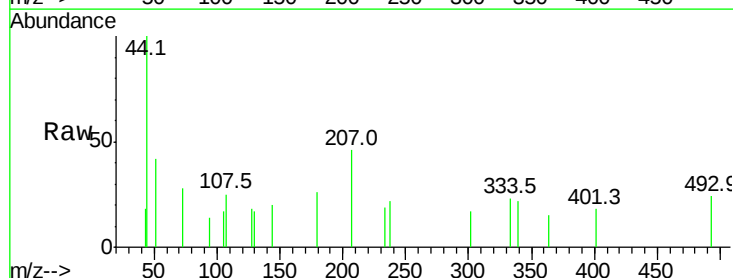
Tgt Ion:237 Resp: 80

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

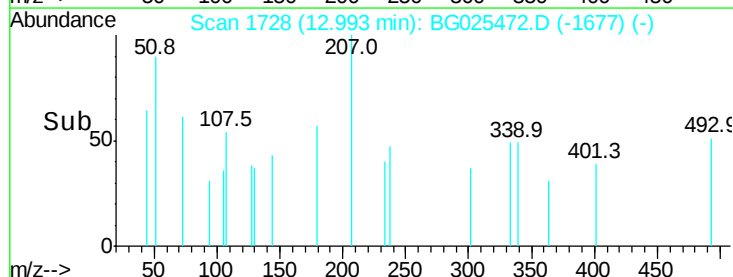
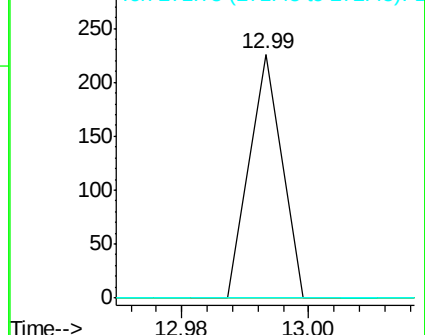
272 0.0 0.0 32.0

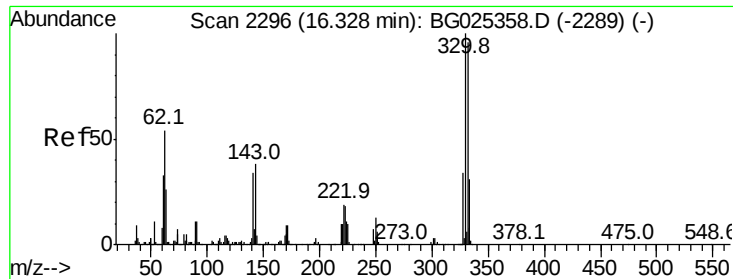


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

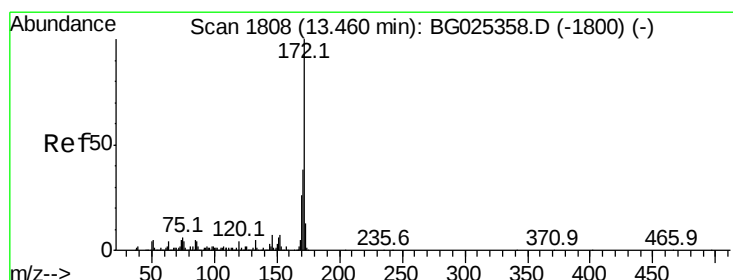
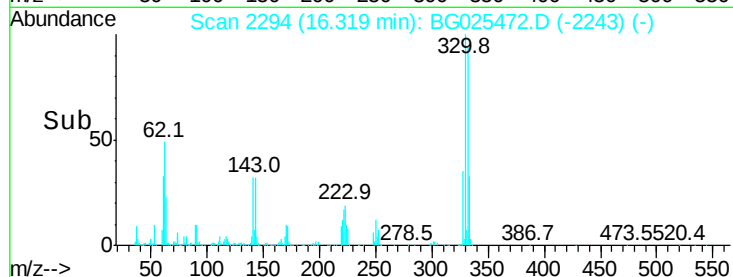
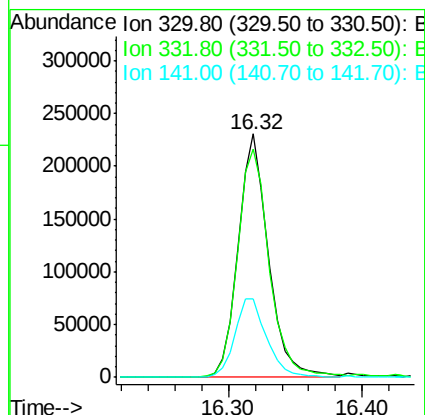
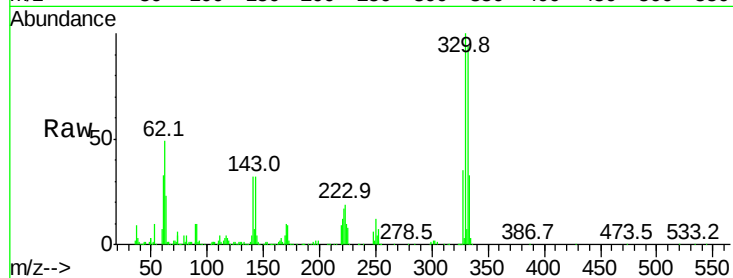




#41
 2,4,6-Tribromophenol
 Concen: 128.11 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: BG025472.D
 Acq: 11 Jan 2017 14:01

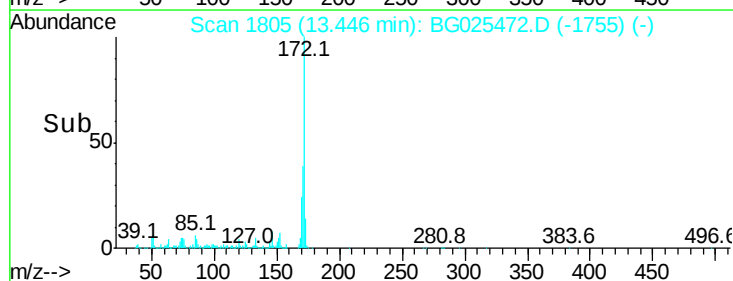
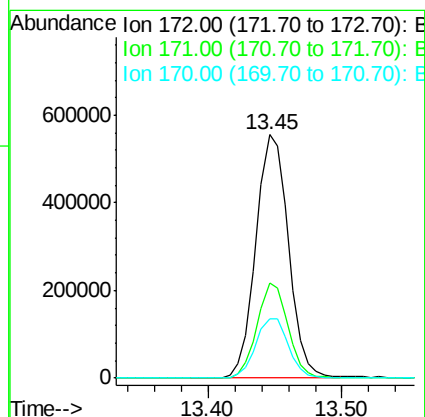
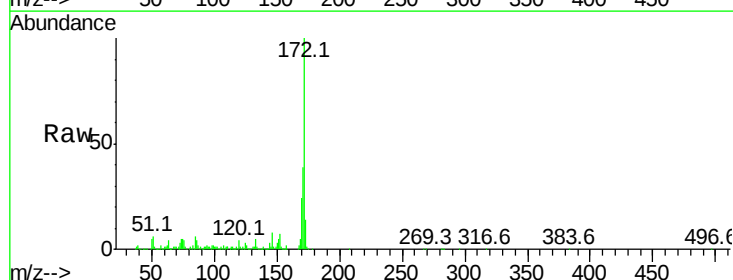
Instrument :
 BNA_G
 ClientSampleId :

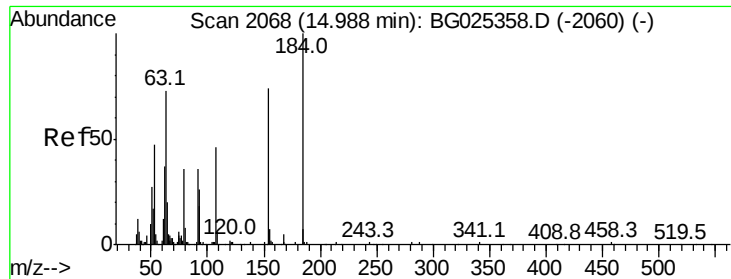
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.3	115.9
141	34.5	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 86.41 ng
 RT: 13.45 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG025472.D
 Acq: 11 Jan 2017 14:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.2	48.2
170	24.5	21.8	32.6

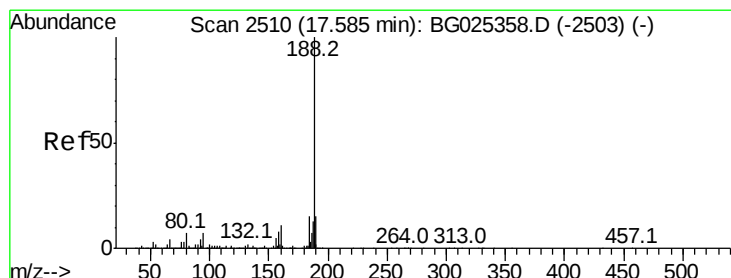
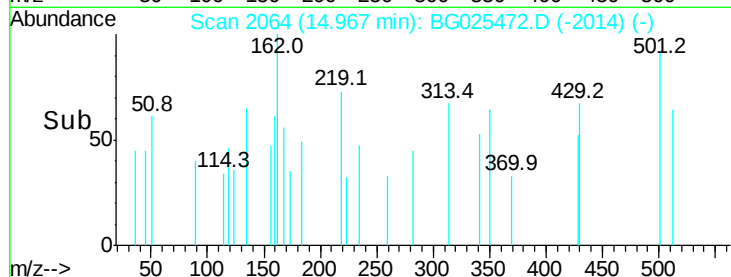
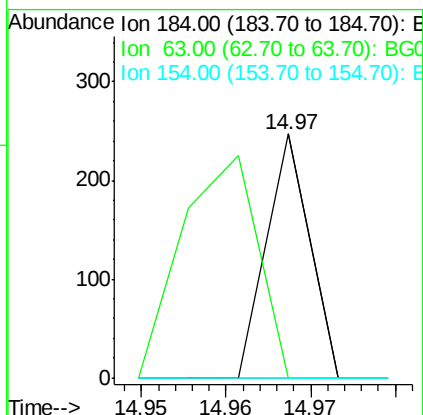
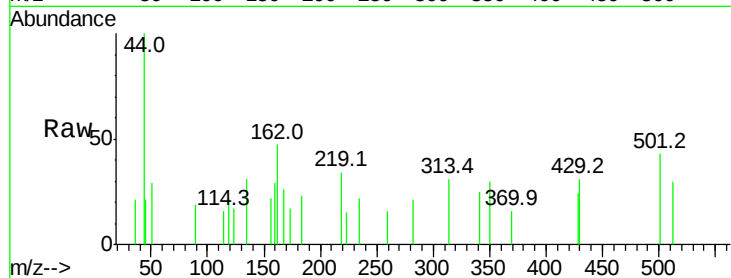




#53
2,4-Dinitrophenol
Concen: 5.12 ng
RT: 14.97 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BG025472.D
Acq: 11 Jan 2017 14:01

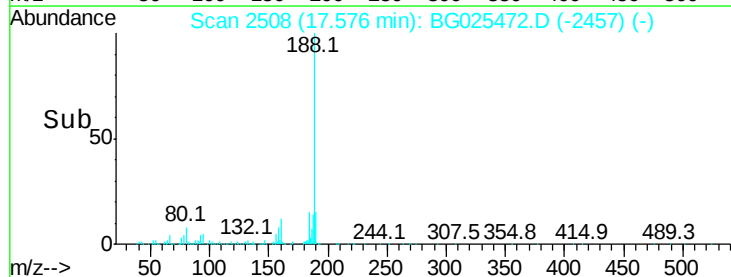
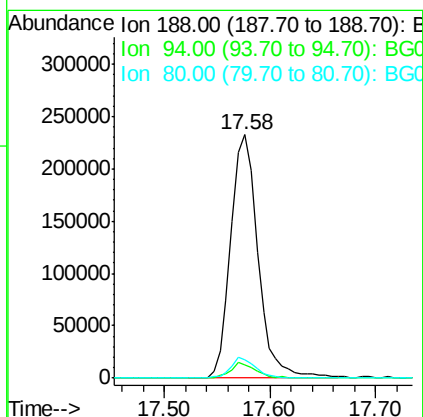
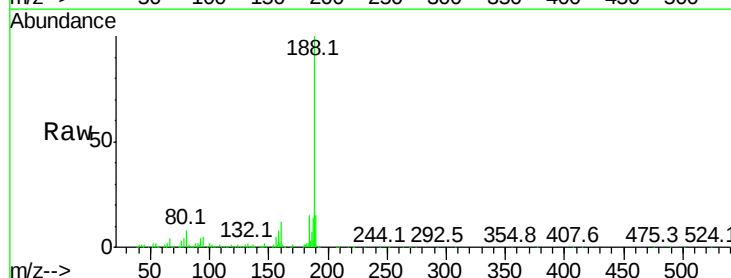
Instrument :
BNA_G
ClientSampled :

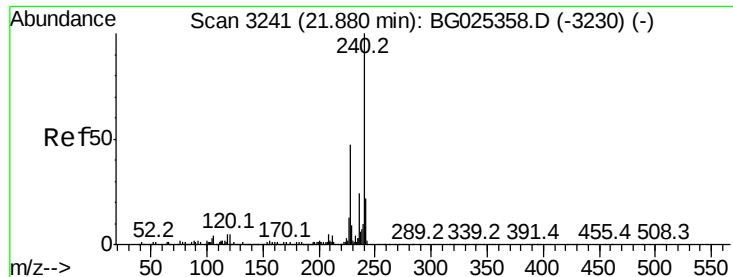
Tot Ion:184 Resp: 87
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG025472.D
Acq: 11 Jan 2017 14:01

Tgt Ion:188 Resp: 415653
Ion Ratio Lower Upper
188 100
94 5.3 5.8 8.8#
80 7.6 7.5 11.3





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BG025472.D

Acq: 11 Jan 2017 14:01

Instrument :

BNA_G

ClientSampleId :

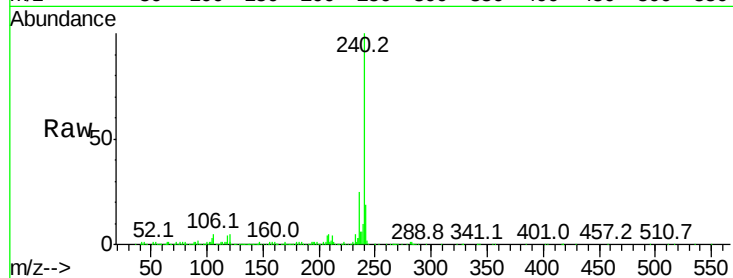
Tot Ion:240 Resp: 618107

Ion Ratio Lower Upper

240 100

120 4.6 5.7 8.5#

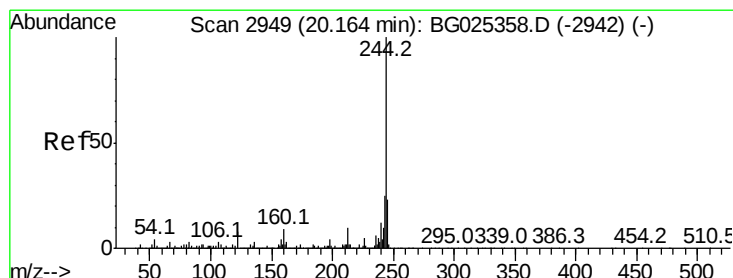
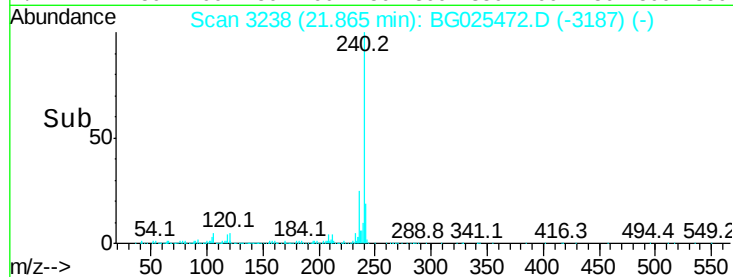
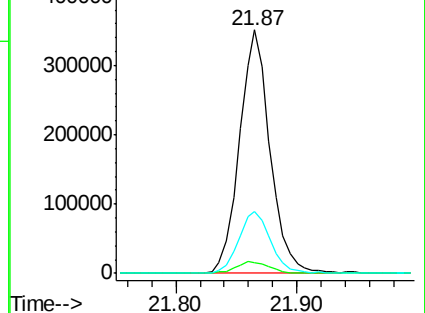
236 25.3 22.2 33.4



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: 83.95 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG025472.D

Acq: 11 Jan 2017 14:01

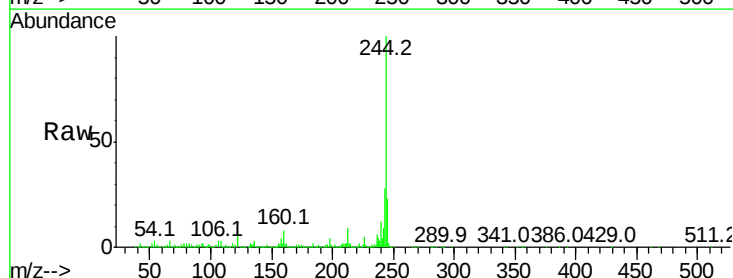
Tgt Ion:244 Resp: 1956981

Ion Ratio Lower Upper

244 100

212 9.0 10.0 15.0#

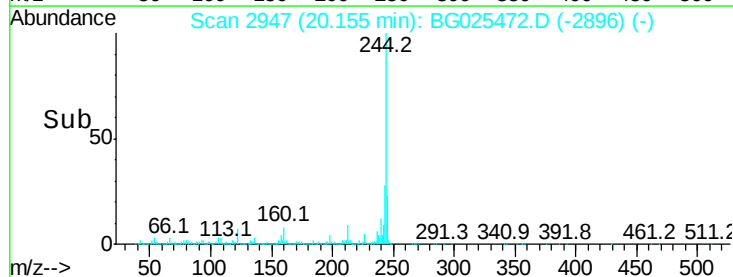
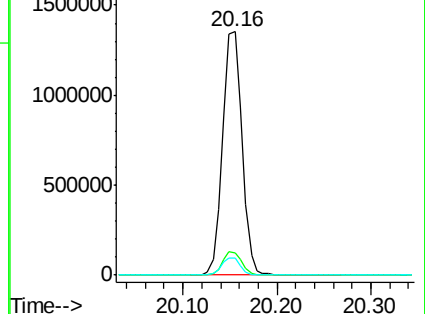
122 6.9 8.6 12.8#

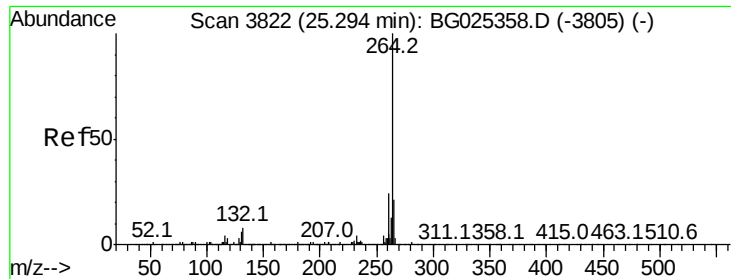


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.26 min Scan# 3816
 Delta R.T. -0.00 min
 Lab File: BG025472.D
 Acq: 11 Jan 2017 14:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	19.6	18.2	27.4

