

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
 Data File : BG025385.D
 Acq On : 22 Dec 2016 12:08
 Operator : UM/SJ
 Sample : H6199-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 22 13:06:31 2016
 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

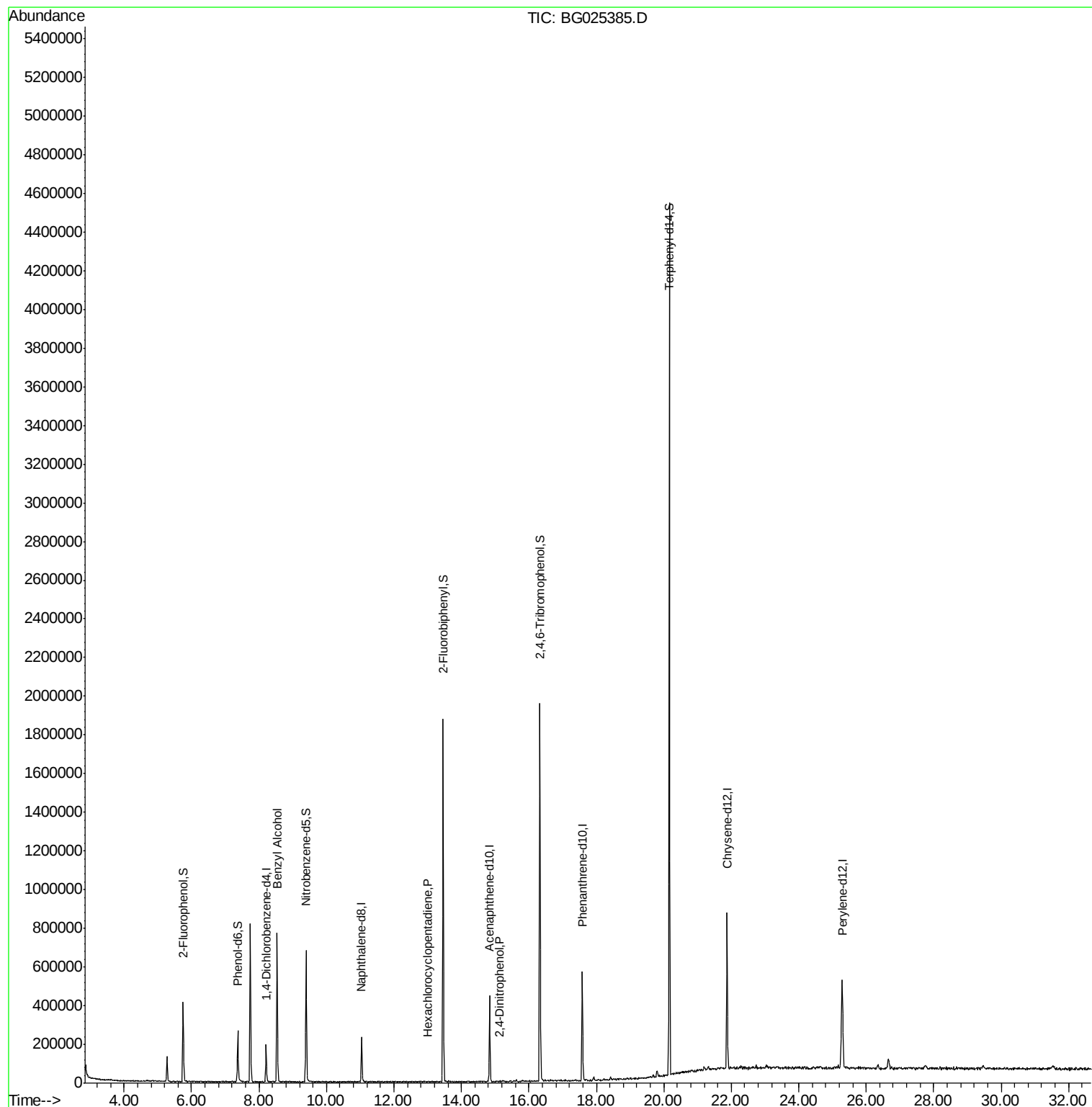
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	48244	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	198119	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	156064	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	371760	20.00	ng	0.00
75) Chrysene-d12	21.88	240	557020	20.00	ng	0.00
86) Perylene-d12	25.28	264	582269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	166364	62.68	ng	0.00
7) Phenol-d6	7.37	99	144454	38.64	ng	0.00
23) Nitrobenzene-d5	9.40	82	434476	96.88	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	401233	159.69	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	966573	100.27	ng	0.00
78) Terphenyl-d14	20.17	244	1867461	88.89	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.54	79	8148	2.28	ng	# 49
40) Hexachlorocyclopentadiene	13.00	237	60	8.54	ng	# 1
53) 2,4-Dinitrophenol	15.13	184	110	5.14	ng	# 15

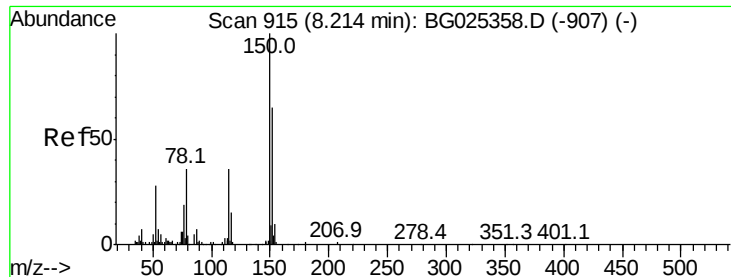
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG025385.D

Acq: 22 Dec 2016 12:08

Instrument :

BNA_G

ClientSampled :

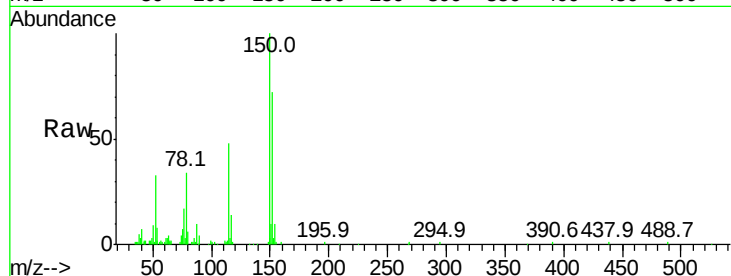
Tot Ion:152 Resp: 48244

Ion Ratio Lower Upper

152 100

150 139.1 114.0 171.0

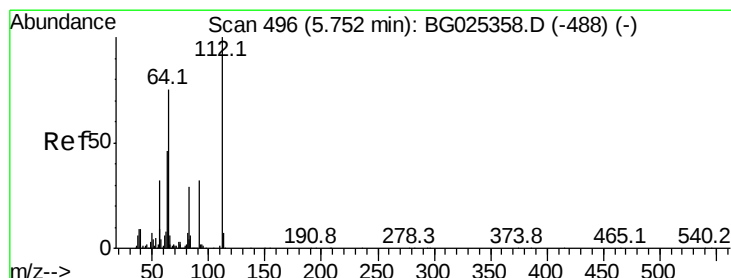
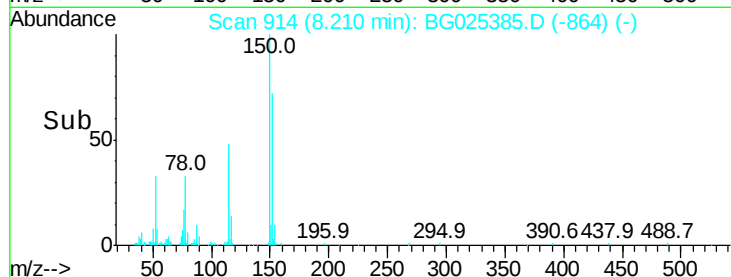
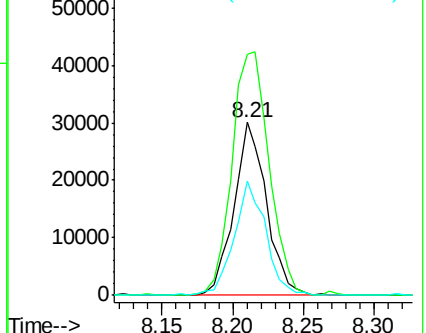
115 66.2 48.1 72.1



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: 62.68 ng

RT: 5.75 min Scan# 496

Delta R.T. 0.00 min

Lab File: BG025385.D

Acq: 22 Dec 2016 12:08

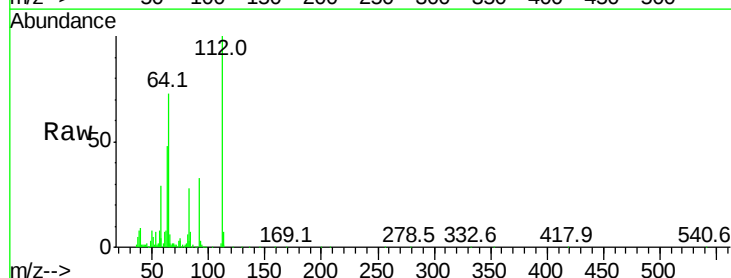
Tgt Ion:112 Resp: 166364

Ion Ratio Lower Upper

112 100

64 72.7 61.8 92.6

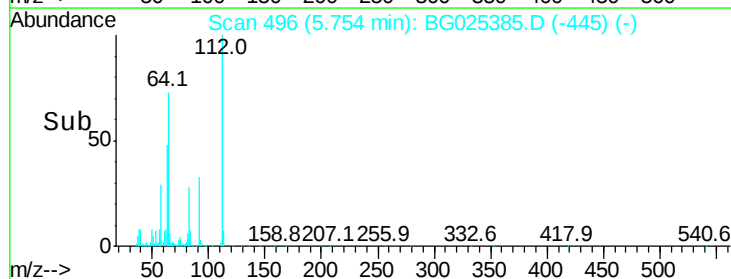
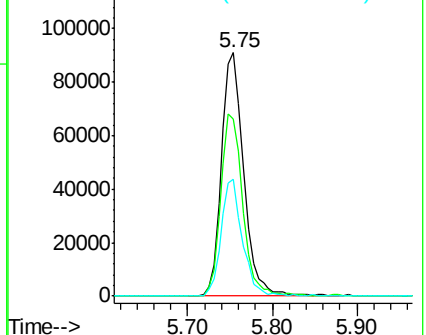
63 48.1 37.2 55.8

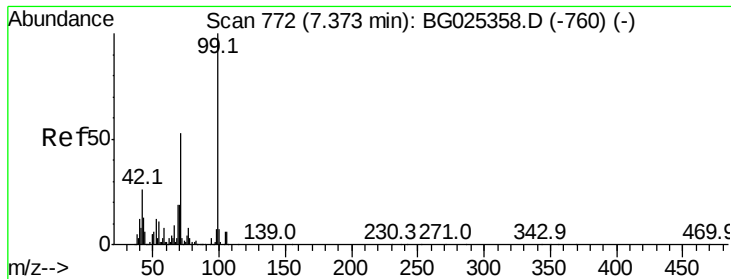


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 38.64 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG025385.D

Acq: 22 Dec 2016 12:08

Instrument :

BNA_G

ClientSampleId :

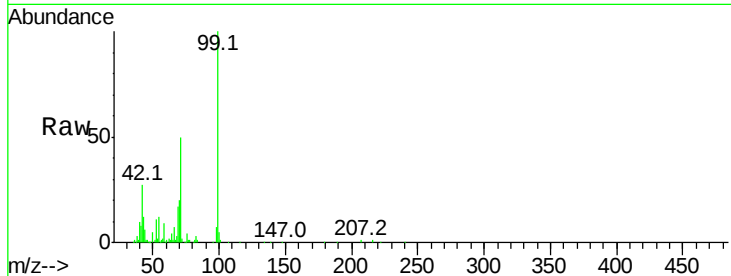
Tot Ion: 99 Resp: 144454

Ion Ratio Lower Upper

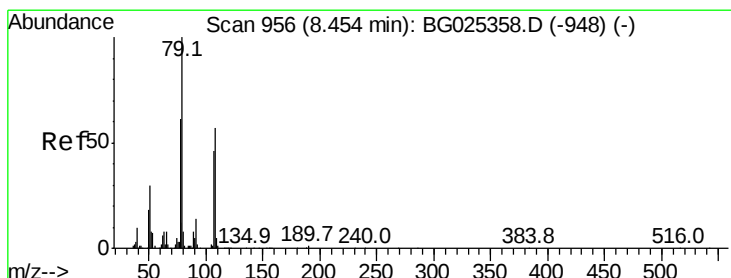
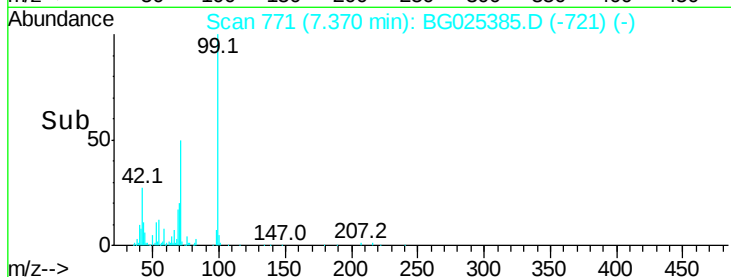
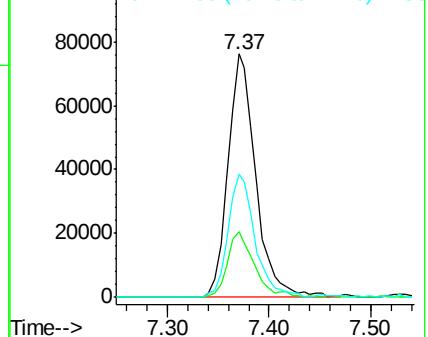
99 100

42 27.2 20.5 30.7

71 50.4 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: 2.28 ng

RT: 8.54 min Scan# 970

Delta R.T. 0.08 min

Lab File: BG025385.D

Acq: 22 Dec 2016 12:08

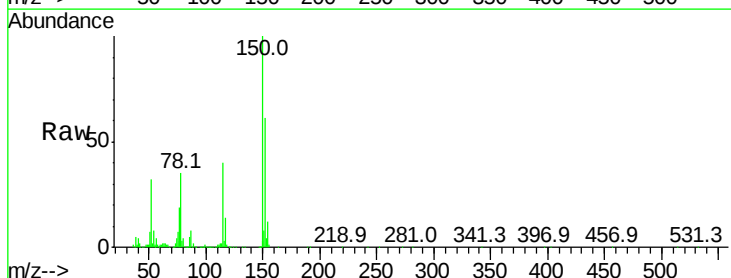
Tgt Ion: 79 Resp: 8148

Ion Ratio Lower Upper

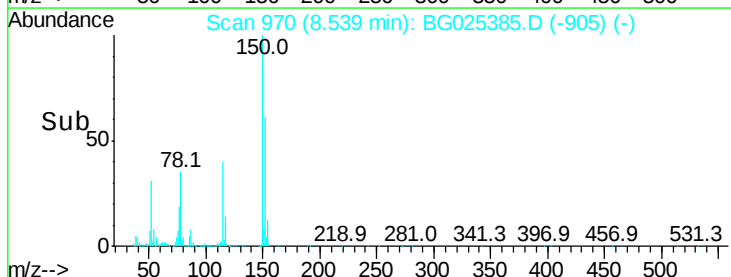
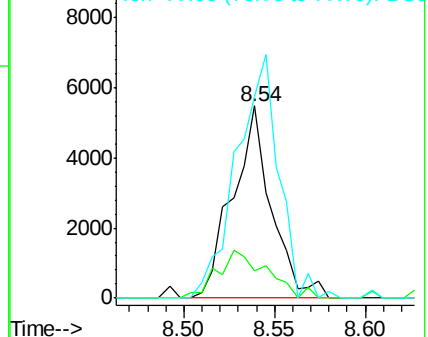
79 100

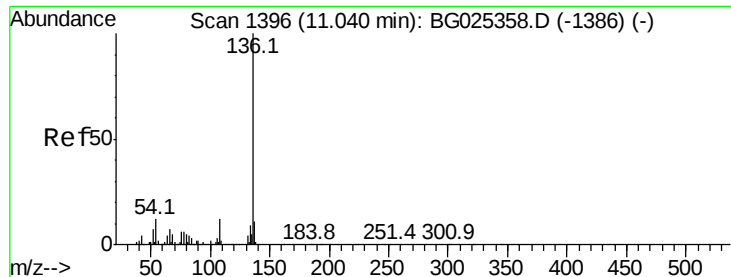
108 14.4 45.5 68.3#

77 105.0 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: 11.04 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BG025385.D

Acq: 22 Dec 2016 12:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 198119

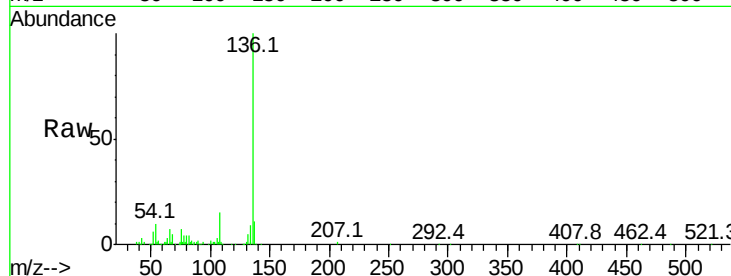
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.9 9.3 13.9

68 4.8 5.1 7.7#

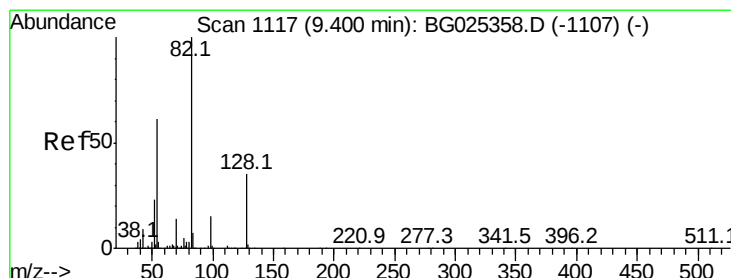
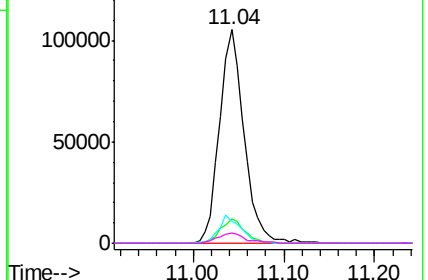
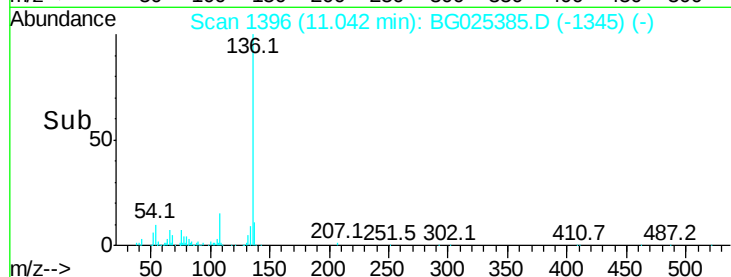


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 96.88 ng

RT: 9.40 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG025385.D

Acq: 22 Dec 2016 12:08

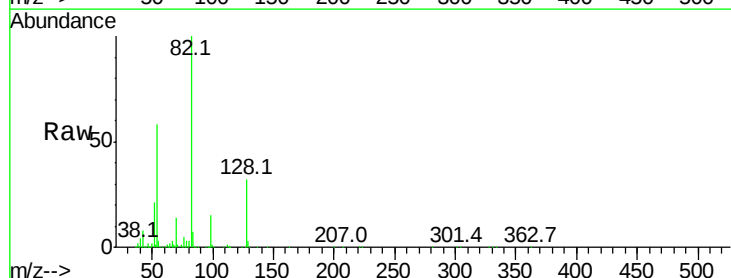
Tgt Ion: 82 Resp: 434476

Ion Ratio Lower Upper

82 100

128 31.8 26.4 39.6

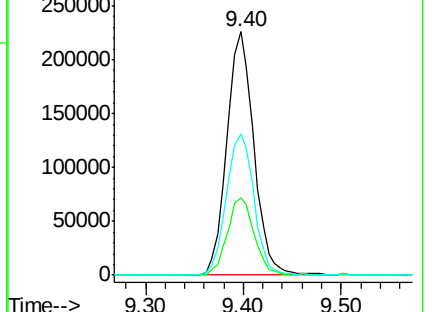
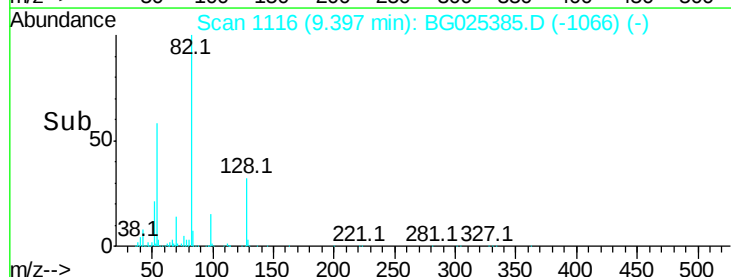
54 57.8 49.4 74.2

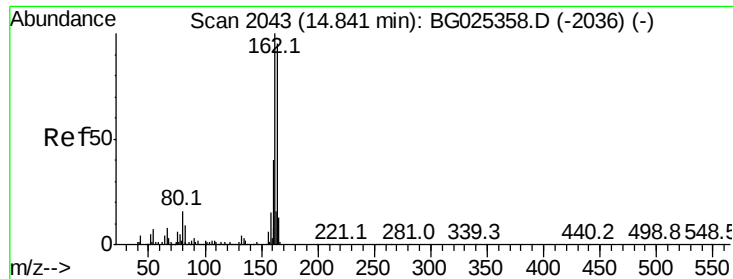


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.84 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG025385.D

Acq: 22 Dec 2016 12:08

Instrument :

BNA_G

ClientSampleId :

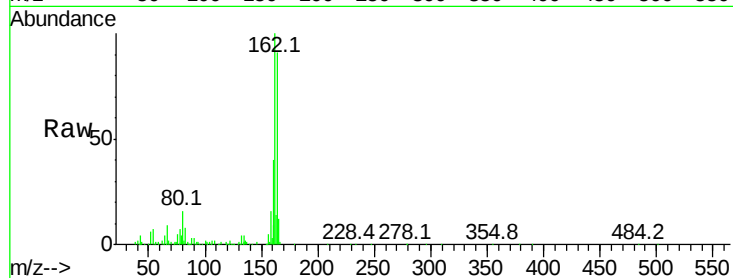
Tot Ion:164 Resp: 156064

Ion Ratio Lower Upper

164 100

162 109.4 85.1 127.7

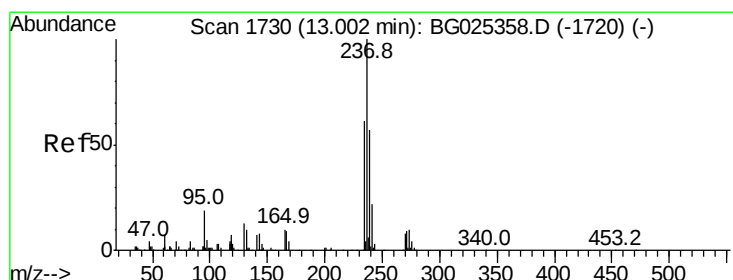
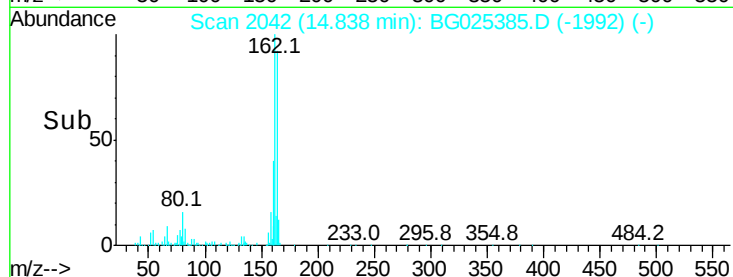
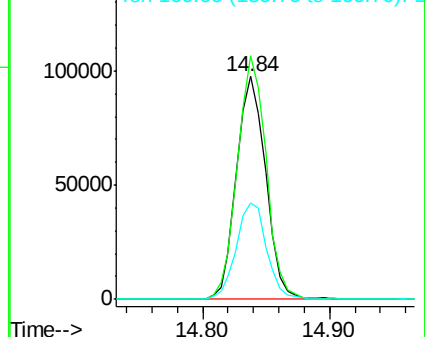
160 43.3 34.7 52.1



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: 13.00 min Scan# 1730

Delta R.T. 0.00 min

Lab File: BG025385.D

Acq: 22 Dec 2016 12:08

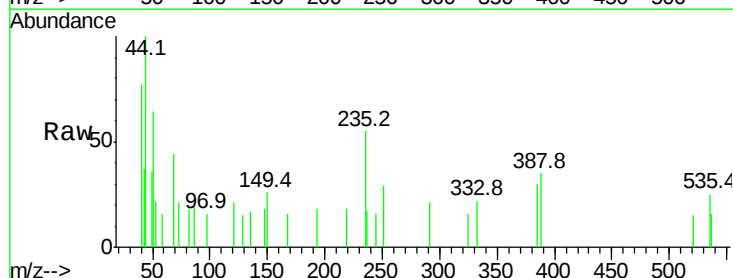
Tgt Ion:237 Resp: 60

Ion Ratio Lower Upper

237 100

235 325.9 39.4 79.4#

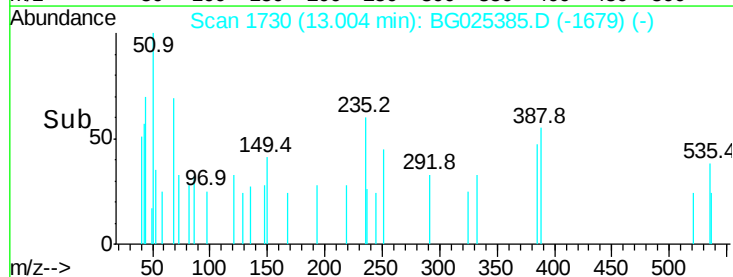
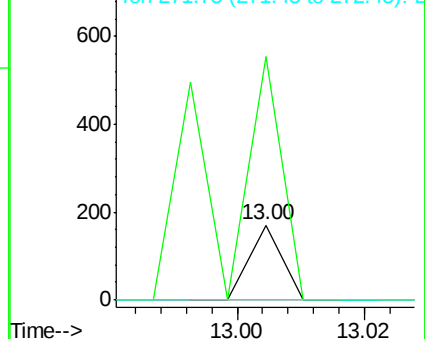
272 0.0 0.0 32.0

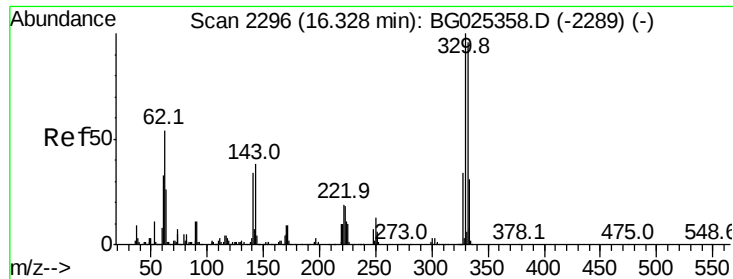


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

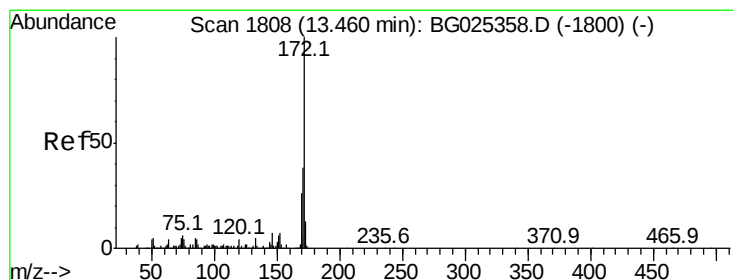
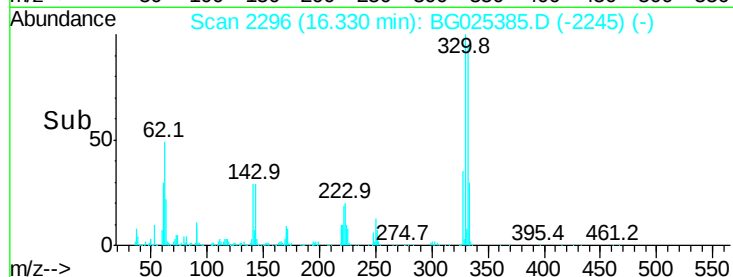
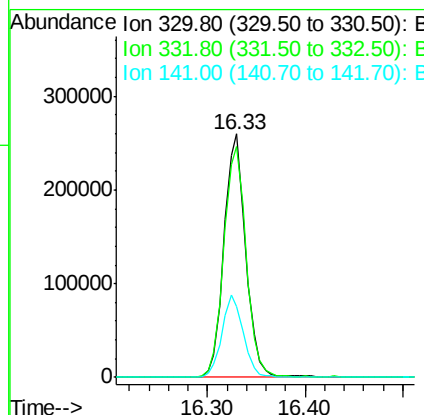
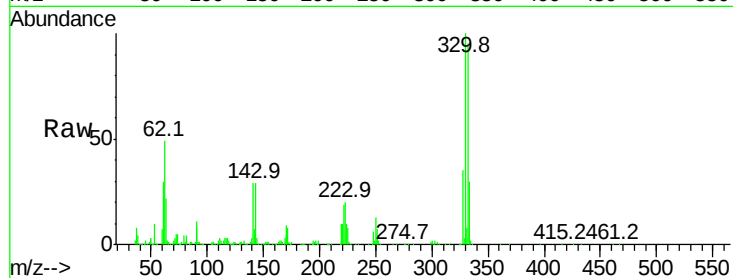




#41
2,4,6-Tribromophenol
Concen: 159.69 ng
RT: 16.33 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG025385.D
Acq: 22 Dec 2016 12:08

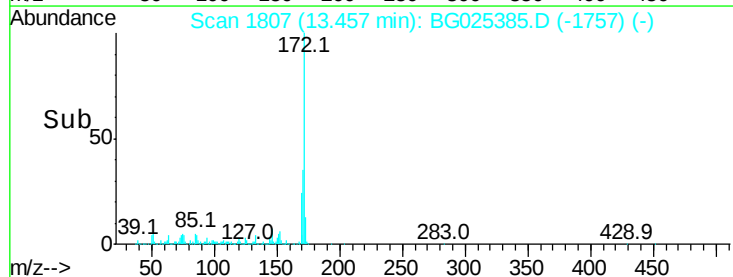
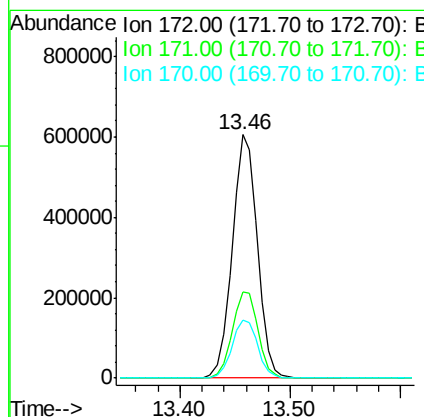
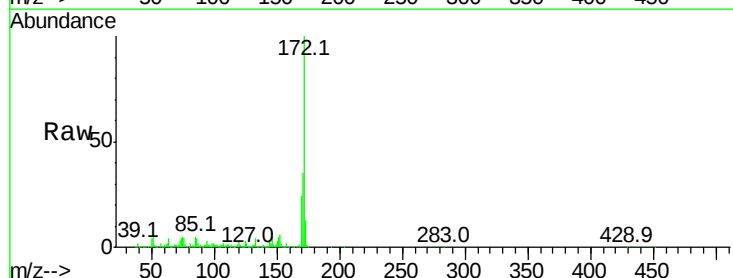
Instrument :
BNA_G
ClientSampleId :

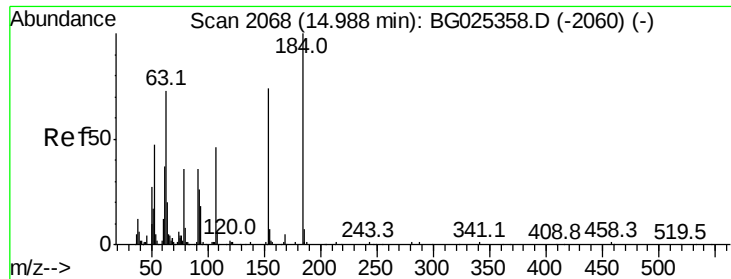
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	33.4	32.1	48.1



#44
2-Fluorobiphenyl
Concen: 100.27 ng
RT: 13.46 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG025385.D
Acq: 22 Dec 2016 12:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	32.2	48.2
170	23.7	21.8	32.6

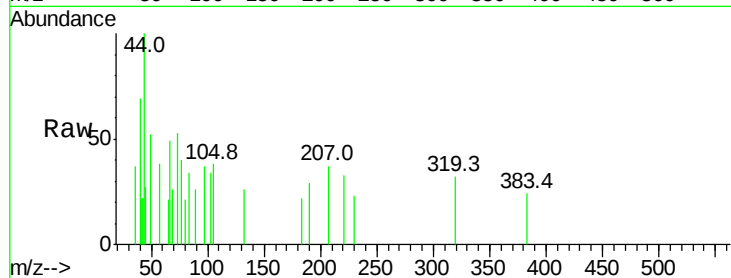




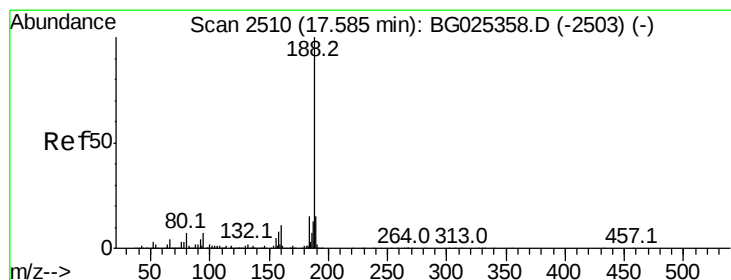
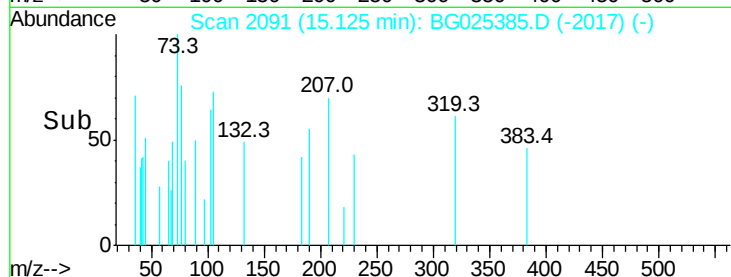
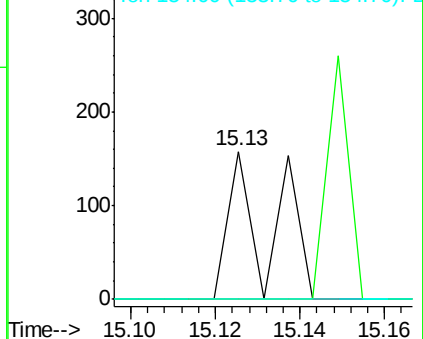
#53
2,4-Dinitrophenol
Concen: 5.14 ng
RT: 15.13 min Scan# 2091
Delta R.T. 0.14 min
Lab File: BG025385.D
Acq: 22 Dec 2016 12:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 110
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

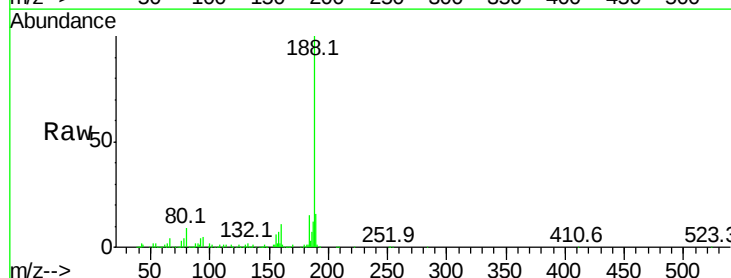


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

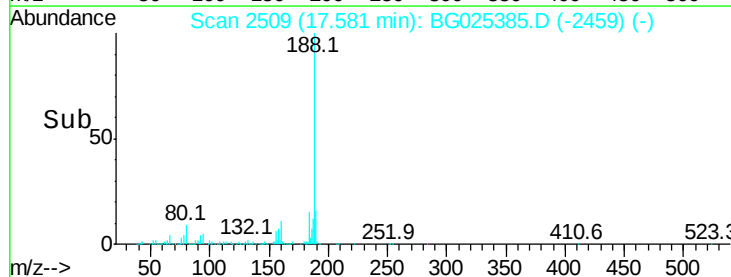
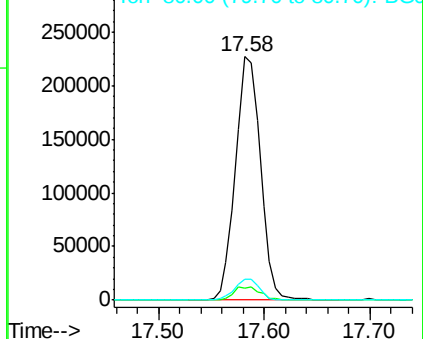


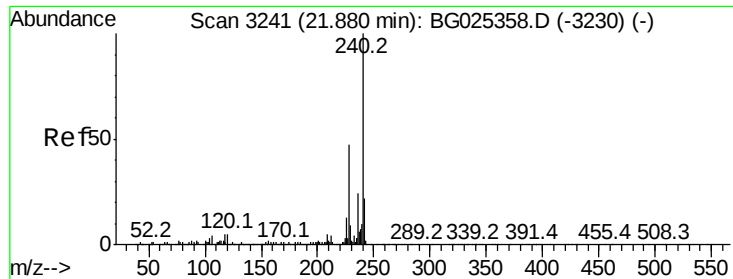
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. -0.00 min
Lab File: BG025385.D
Acq: 22 Dec 2016 12:08

Tgt Ion:188 Resp: 371760
Ion Ratio Lower Upper
188 100
94 4.7 5.8 8.8#
80 8.8 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: 21.88 min Scan# 3240

Delta R.T. -0.00 min

Lab File: BG025385.D

Acq: 22 Dec 2016 12:08

Instrument :

BNA_G

ClientSampleId :

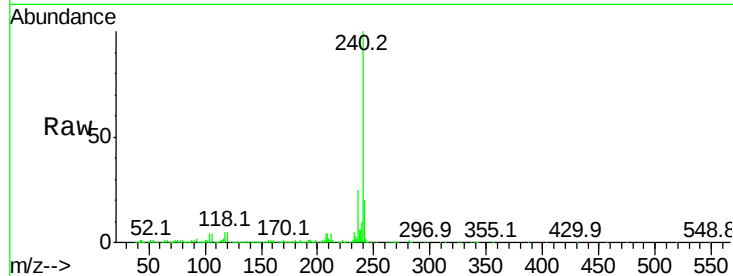
Tot Ion:240 Resp: 557020

Ion Ratio Lower Upper

240 100

120 4.7 5.7 8.5#

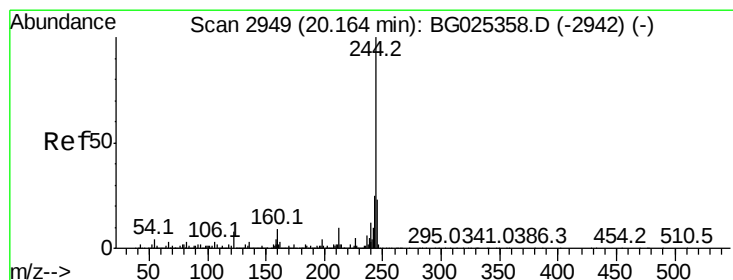
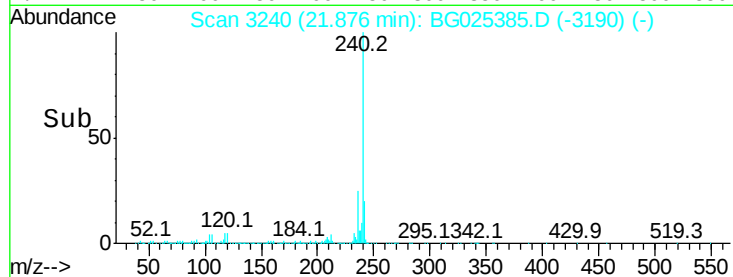
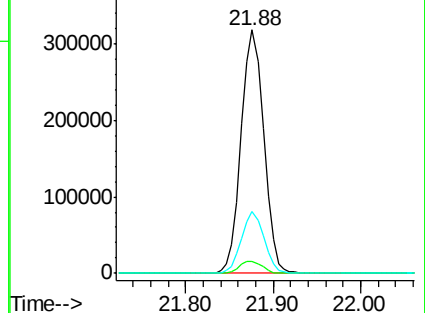
236 25.4 22.2 33.4



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: 88.89 ng

RT: 20.17 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG025385.D

Acq: 22 Dec 2016 12:08

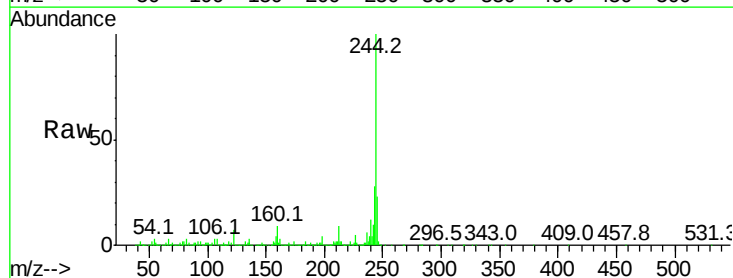
Tgt Ion:244 Resp: 1867461

Ion Ratio Lower Upper

244 100

212 9.4 10.0 15.0#

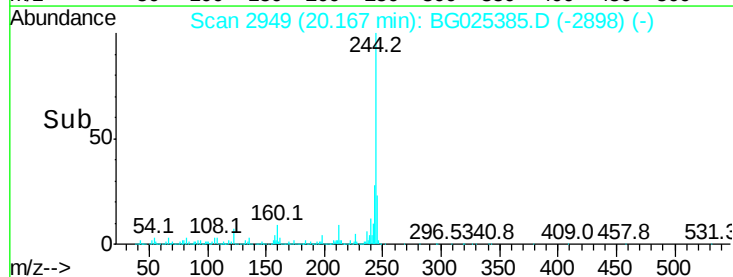
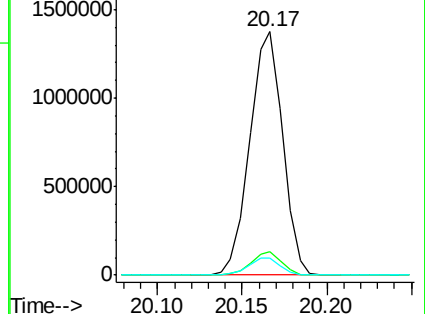
122 7.1 8.6 12.8#

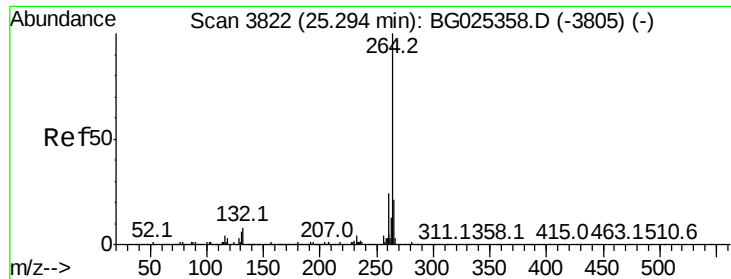


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

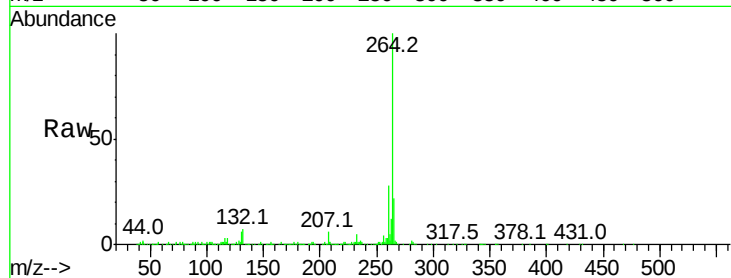




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.28 min Scan# 3820
 Delta R.T. -0.01 min
 Lab File: BG025385.D
 Acq: 22 Dec 2016 12:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	582269
Ion	Ratio	Lower	Upper
264	100		
260	27.9	21.8	32.8
265	22.1	18.2	27.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

