

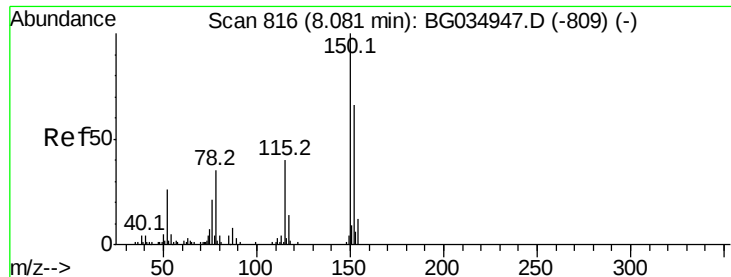
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035421.D
 Acq On : 26 Jun 2018 22:09
 Operator : JU/SJ
 Sample : J3668-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 02:55:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	44883	20.00	ng	-0.03
21) Naphthalene-d8	10.85	136	177854	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	127362	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	335576	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	362526	20.00	ng	-0.04
86) Perylene-d12	24.90	264	343328	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	328706	123.59	ng	-0.01
7) Phenol-d6	7.21	99	499246	127.18	ng	-0.01
23) Nitrobenzene-d5	9.21	82	314694	84.11	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	220275	135.11	ng	-0.03
44) 2-Fluorobiphenyl	13.30	172	719259	73.42	ng	-0.03
78) Terphenyl-d14	20.02	244	1243199	71.83	ng	-0.03
Target Compounds						
10) Phenol	7.23	94	9337	2.298	ng	# 77
19) n-Nitroso-di-n-propylamine	9.21	70	43372	13.005	ng	# 67
49) Dimethylphthalate	14.12	163	125503	11.300	ng	# 98
56) 2,4-Dinitrotoluene	14.68	165	17641	6.554	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	16530	4.090	ng	# 1

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

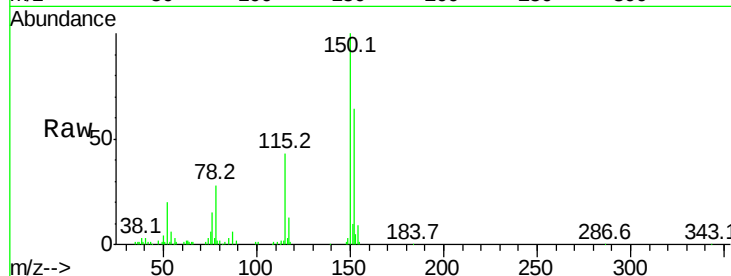


#1

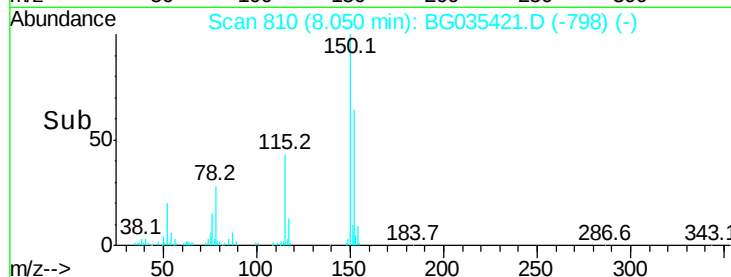
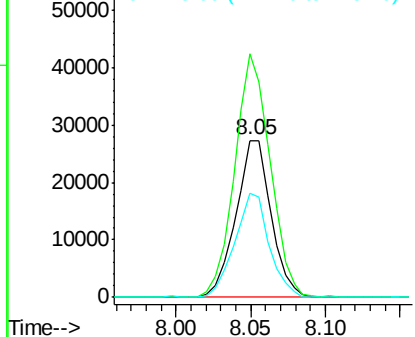
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.03 min
Lab File: BG035421.D
Acq: 26 Jun 2018 22:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44883
Ion Ratio Lower Upper
152 100
150 155.2 126.6 189.8
115 66.2 53.0 79.4



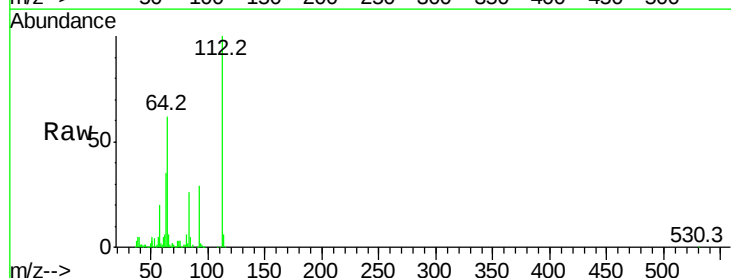
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



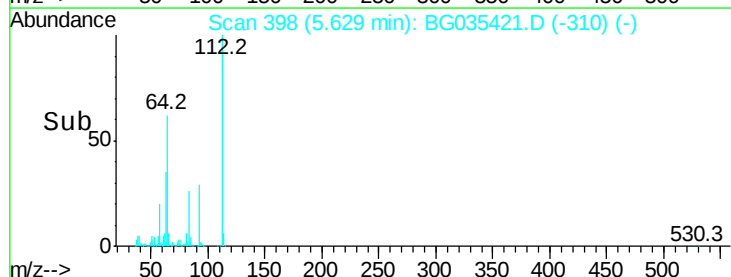
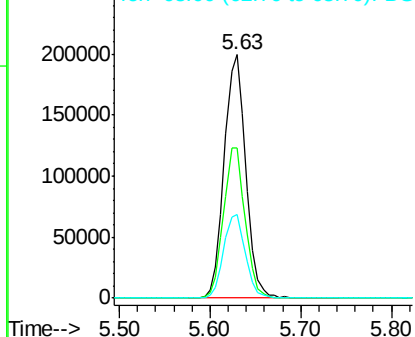
#5

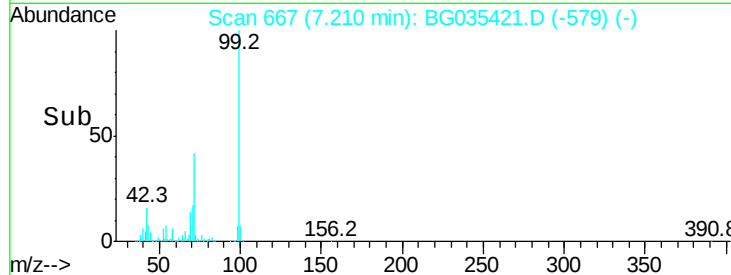
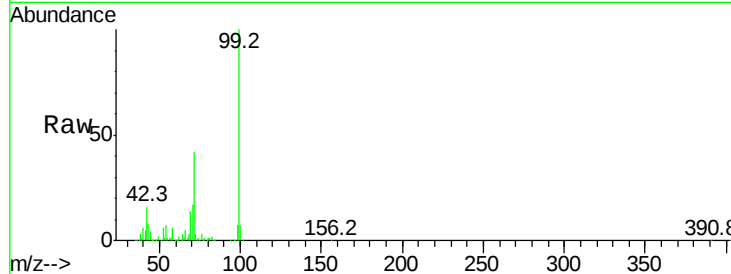
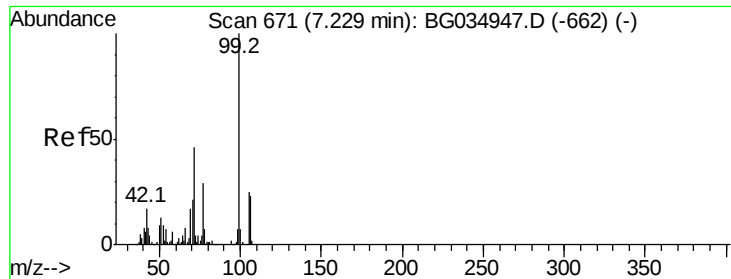
2-Fluorophenol
Concen: 123.594 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035421.D
Acq: 26 Jun 2018 22:09

Tgt Ion:112 Resp: 328706
Ion Ratio Lower Upper
112 100
64 61.7 56.3 84.5
63 34.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.185 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035421.D

Acq: 26 Jun 2018 22:09

Instrument :

BNA_G

ClientSampleId :

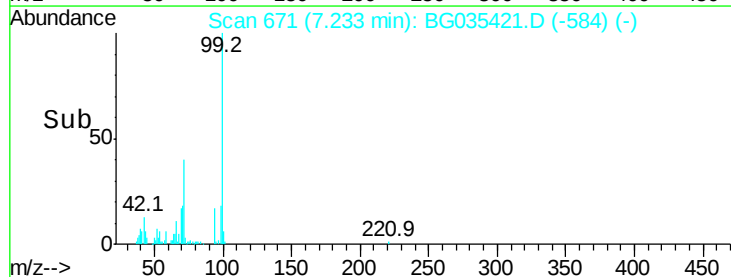
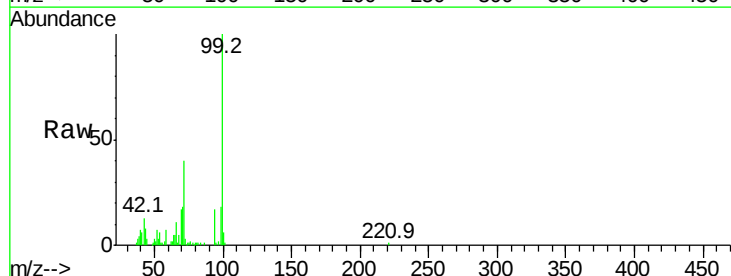
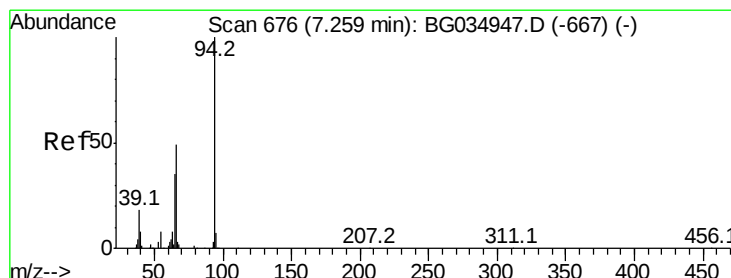
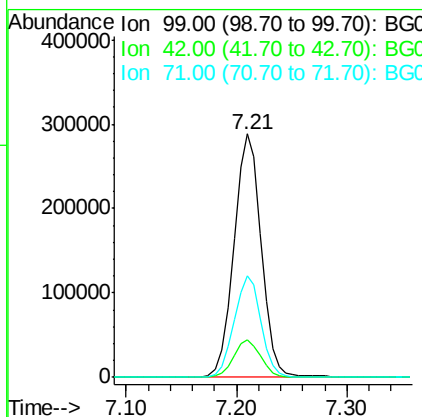
Tot Ion: 99 Resp: 499246

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

71 42.0 26.1 39.1#



#10

Phenol

Concen: 2.298 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG035421.D

Acq: 26 Jun 2018 22:09

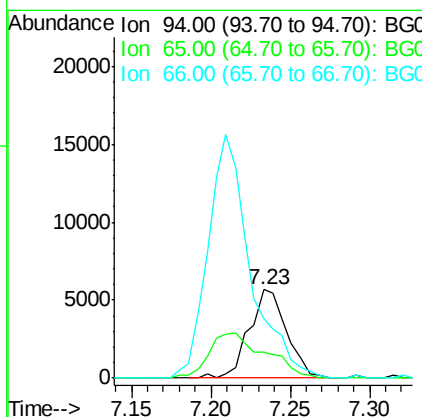
Tgt Ion: 94 Resp: 9337

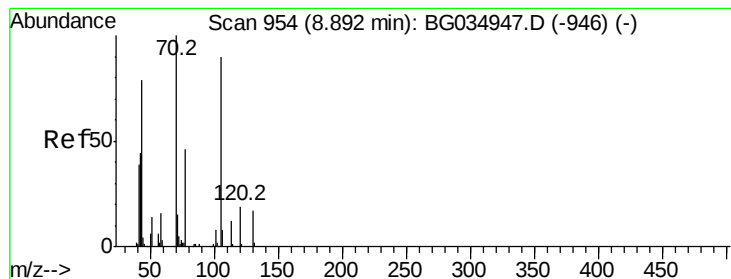
Ion Ratio Lower Upper

94 100

65 30.0 11.9 51.9

66 66.7 22.2 62.2#





#19

n-Nitroso-di-n-propylamine

Concen: 13.005 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035421.D

Acq: 26 Jun 2018 22:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 43372

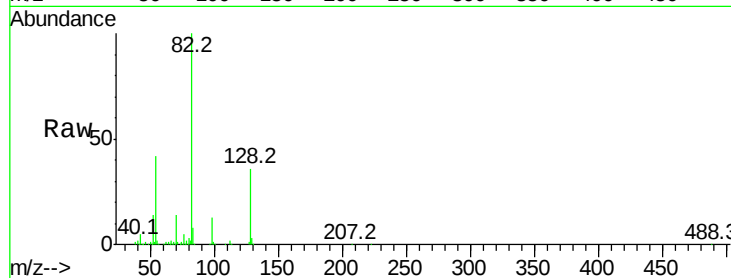
Ion Ratio Lower Upper

70 100

42 36.4 49.1 73.7#

101 0.0 8.5 12.7#

130 1.2 13.4 20.0#

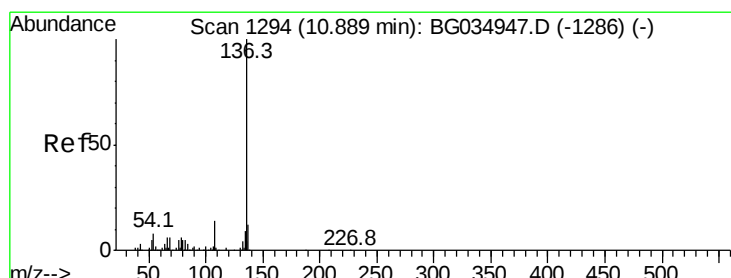
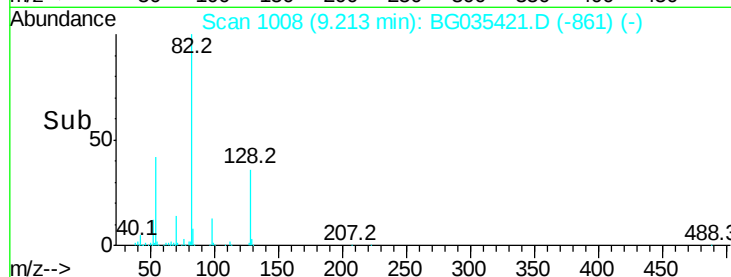
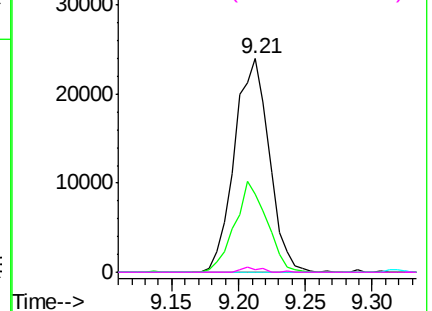


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.03 min

Lab File: BG035421.D

Acq: 26 Jun 2018 22:09

Tgt Ion: 136 Resp: 177854

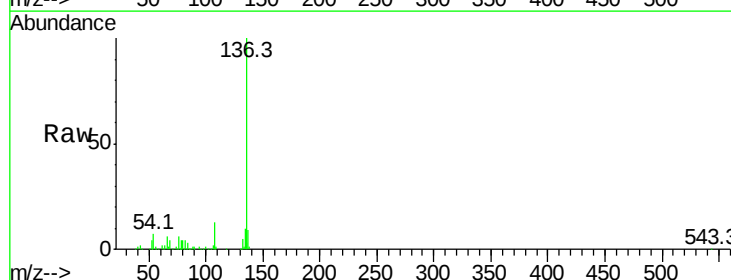
Ion Ratio Lower Upper

136 100

137 9.4 9.2 13.8

54 6.9 10.3 15.5#

68 4.4 4.5 6.7#

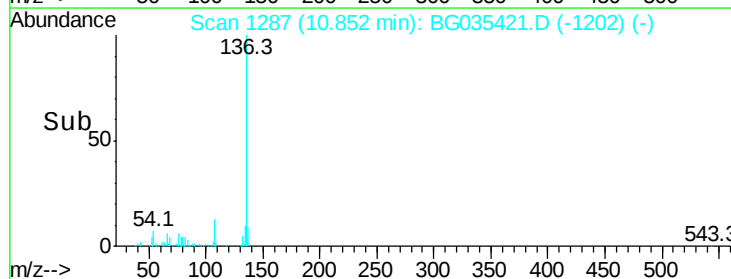
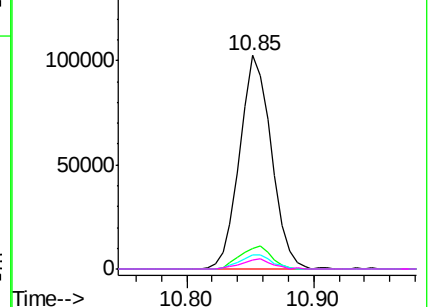


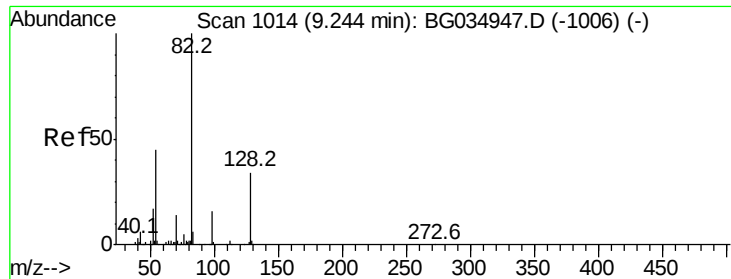
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

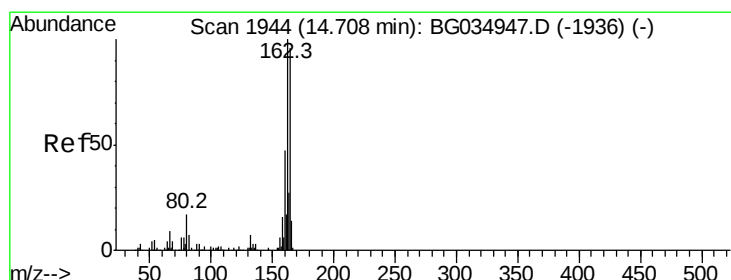
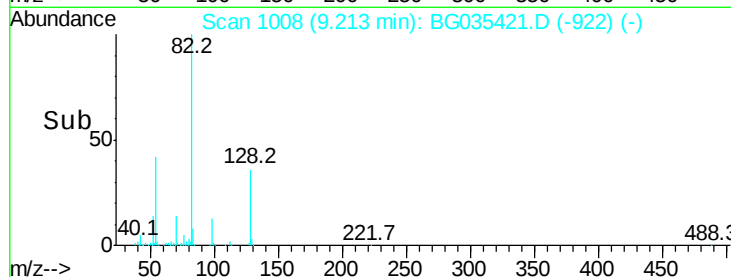
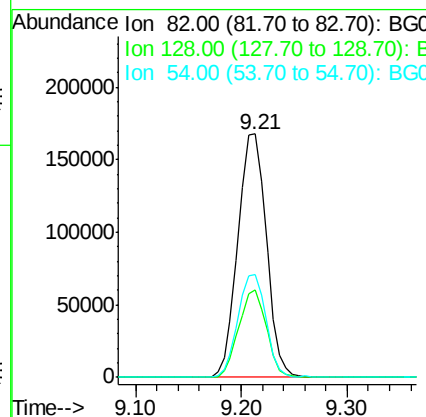
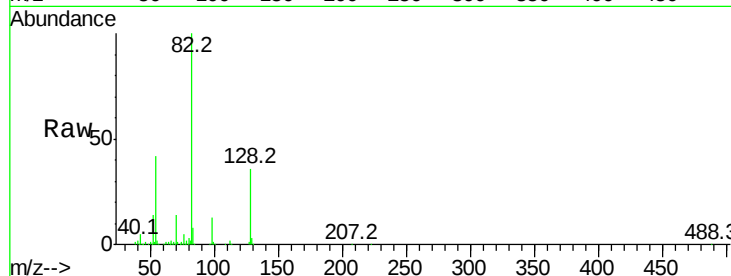




#23
 Nitrobenzene-d5
 Concen: 84.107 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BG035421.D
 Acq: 26 Jun 2018 22:09

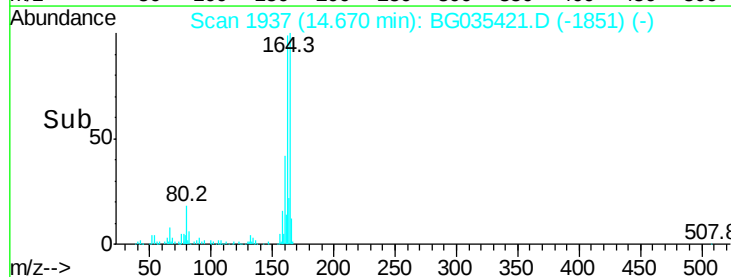
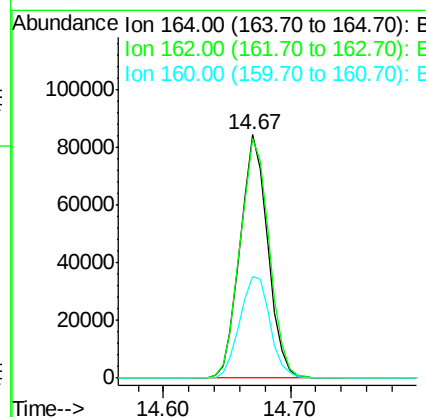
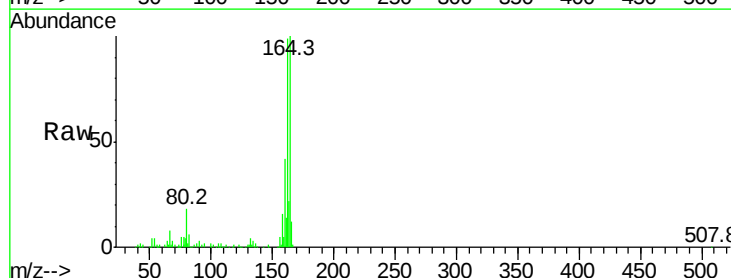
Instrument :
 BNA_G
 ClientSampleId :

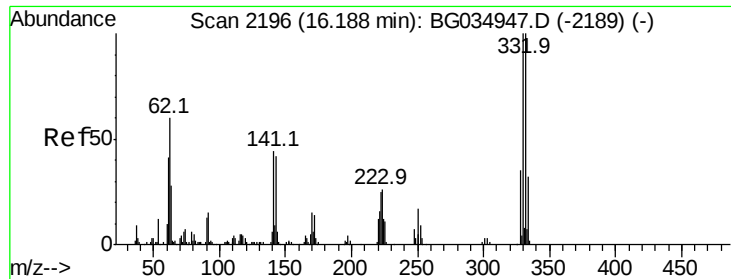
Tot Ion: 82 Resp: 314694
 Ion Ratio Lower Upper
 82 100
 128 35.9 29.7 44.5
 54 42.0 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.03 min
 Lab File: BG035421.D
 Acq: 26 Jun 2018 22:09

Tgt Ion:164 Resp: 127362
 Ion Ratio Lower Upper
 164 100
 162 98.7 78.8 118.2
 160 42.0 35.4 53.0

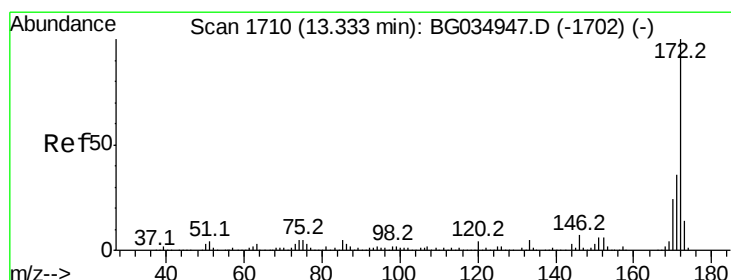
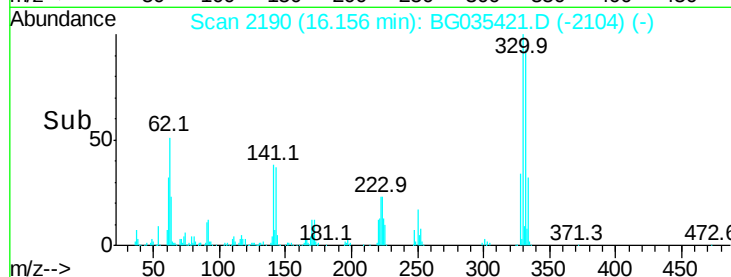
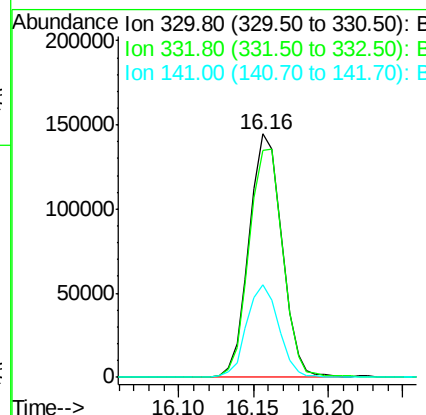
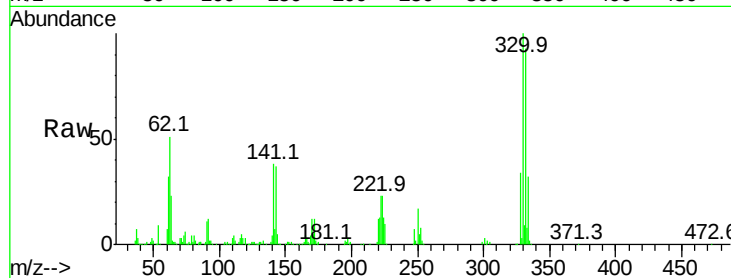




#41
 2,4,6-Tribromophenol
 Concen: 135.105 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.03 min
 Lab File: BG035421.D
 Acq: 26 Jun 2018 22:09

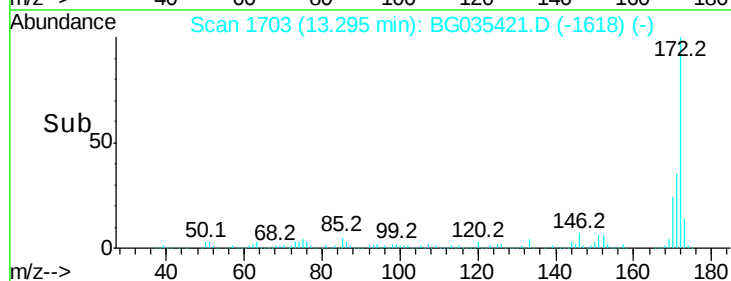
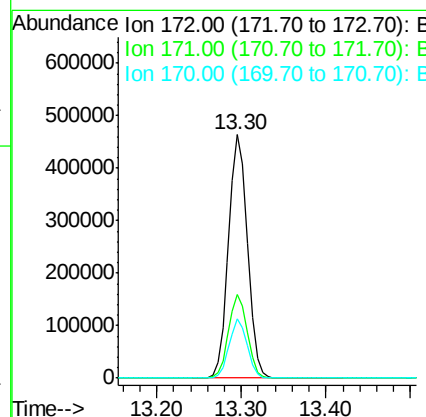
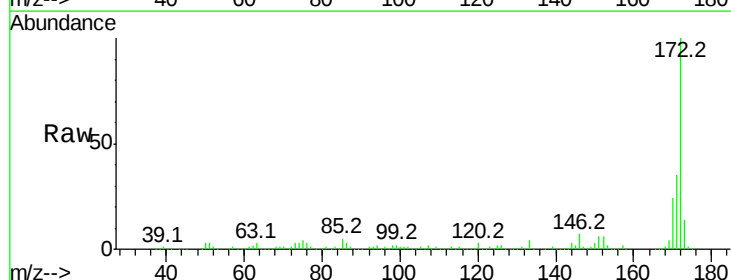
Instrument :
 BNA_G
 ClientSampleId :

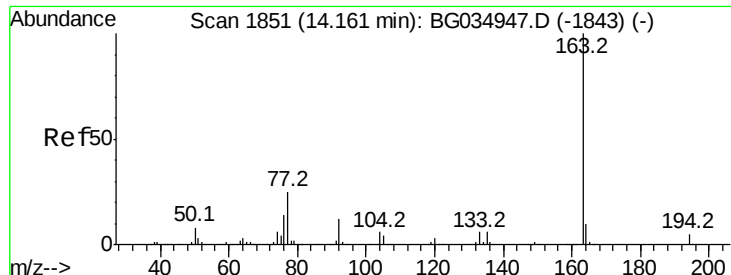
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	37.2	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 73.415 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.03 min
 Lab File: BG035421.D
 Acq: 26 Jun 2018 22:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	24.3	19.5	29.3





#49

Dimethylphthalate

Concen: 11.300 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.04 min

Lab File: BG035421.D

Acq: 26 Jun 2018 22:09

Instrument :

BNA_G

ClientSampleId :

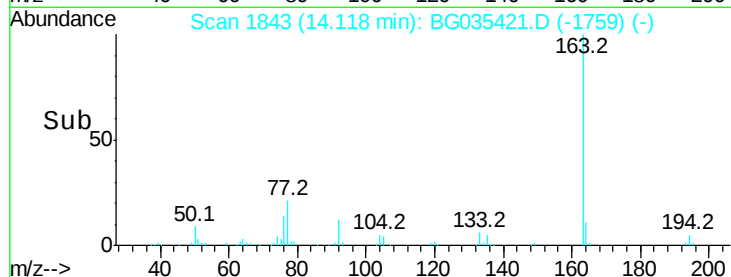
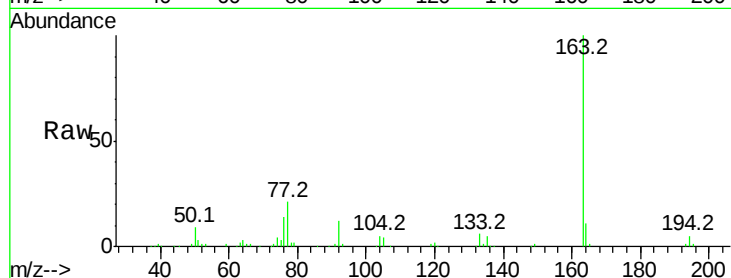
Tot Ion:163 Resp: 125503

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

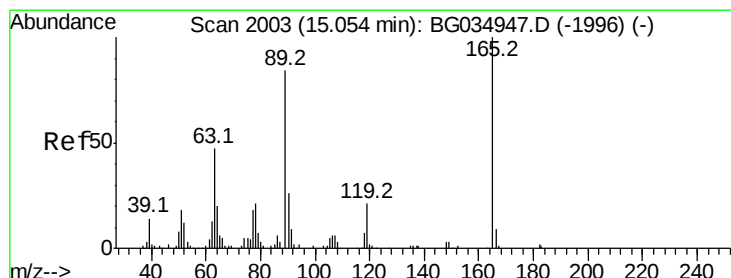
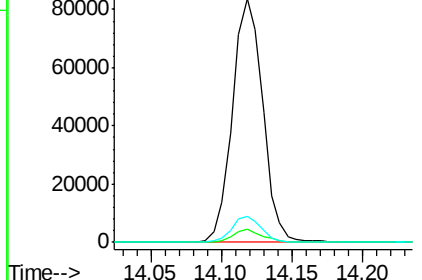
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.554 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.37 min

Lab File: BG035421.D

Acq: 26 Jun 2018 22:09

Tgt Ion:165 Resp: 17641

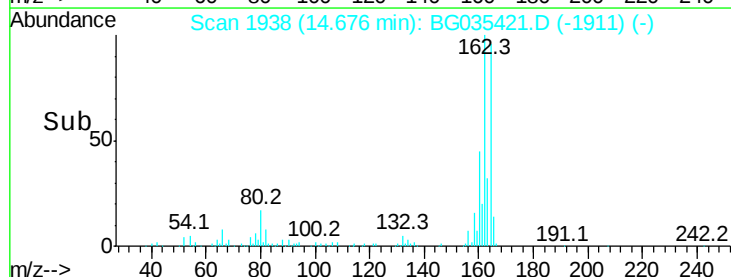
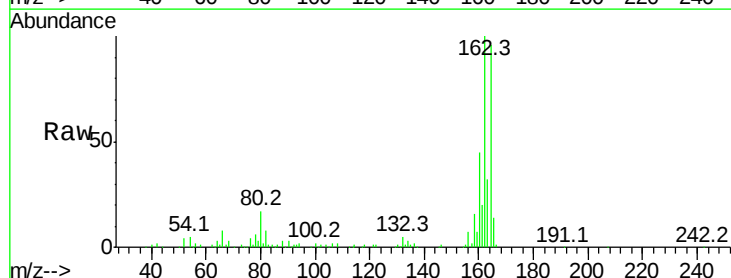
Ion Ratio Lower Upper

165 100

63 3.2 42.0 63.0#

89 1.6 66.9 100.3#

182 0.0 2.6 3.8#

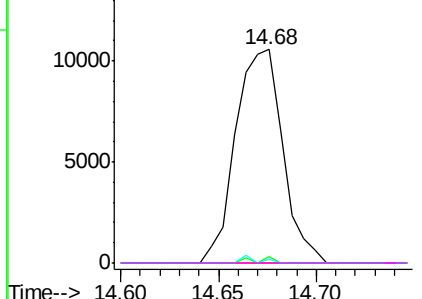


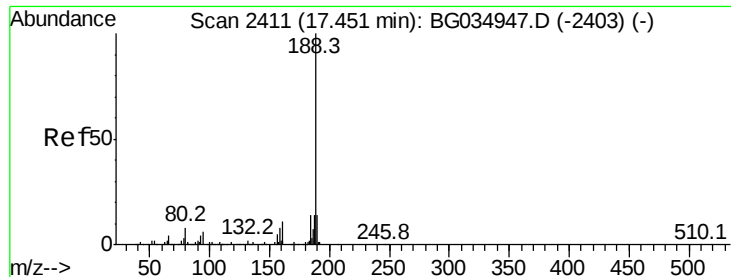
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035421.D

Acq: 26 Jun 2018 22:09

Instrument :

BNA_G

ClientSampleId :

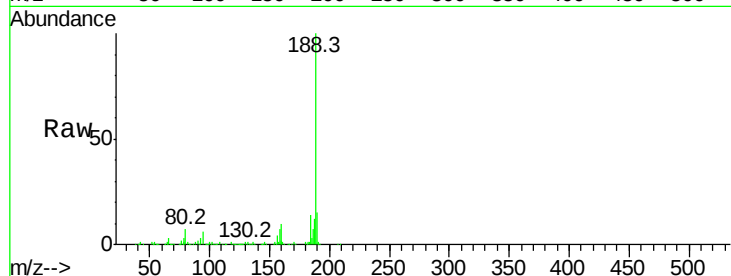
Tot Ion:188 Resp: 335576

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

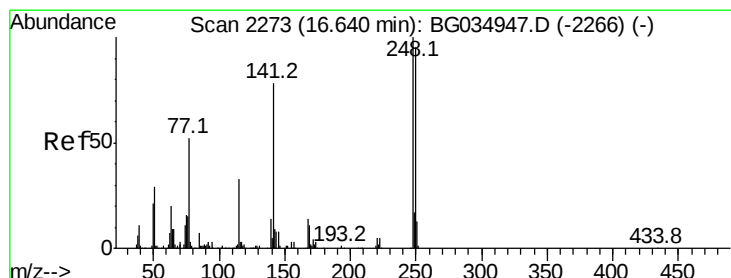
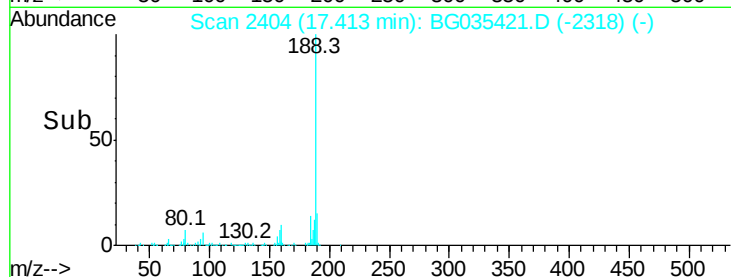
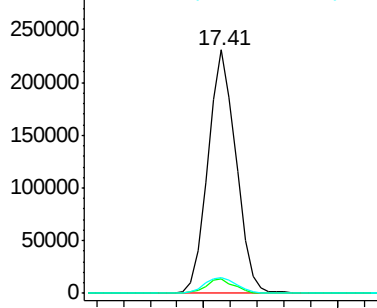
80 6.7 7.7 11.5#



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



#66

4-Bromophenyl-phenylether

Concen: 4.090 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.47 min

Lab File: BG035421.D

Acq: 26 Jun 2018 22:09

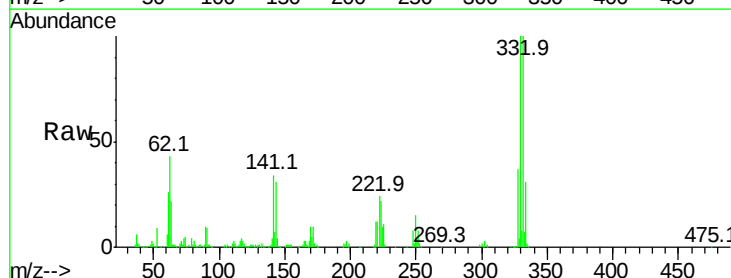
Tgt Ion:248 Resp: 16530

Ion Ratio Lower Upper

248 100

250 195.0 77.1 115.7#

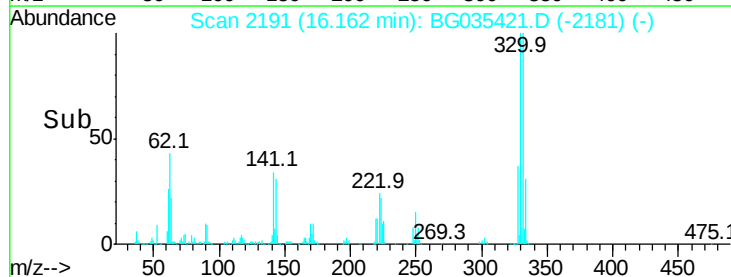
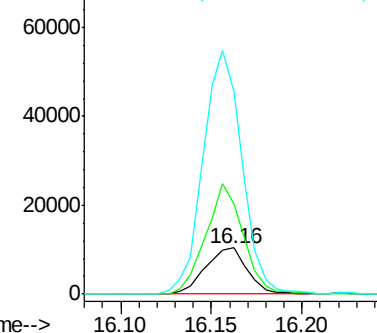
141 440.2 50.8 76.2#

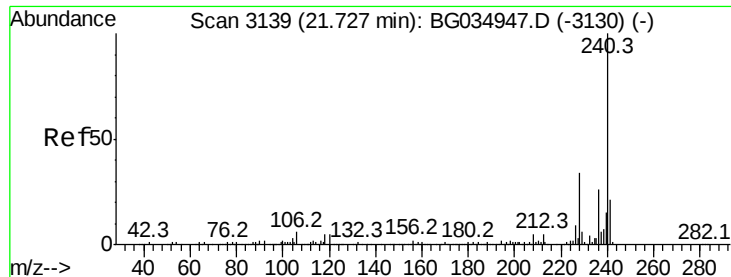


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.04 min

Lab File: BG035421.D

Acq: 26 Jun 2018 22:09

Instrument :

BNA_G

ClientSampleId :

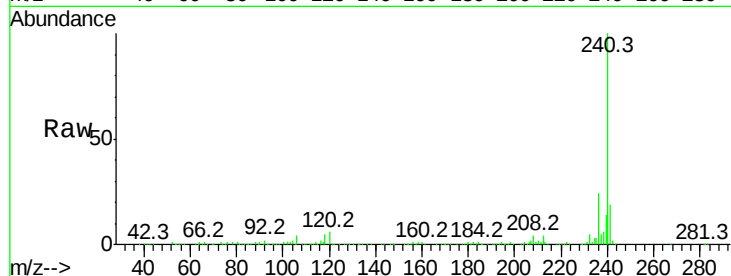
Tot Ion:240 Resp: 362526

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

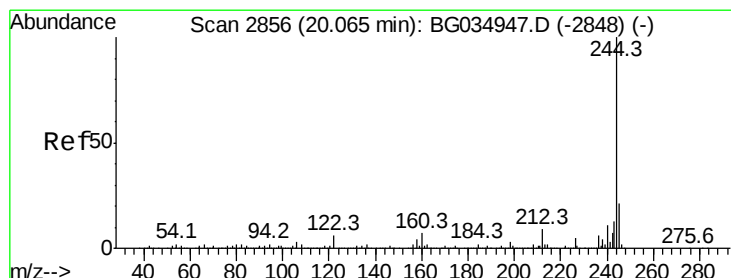
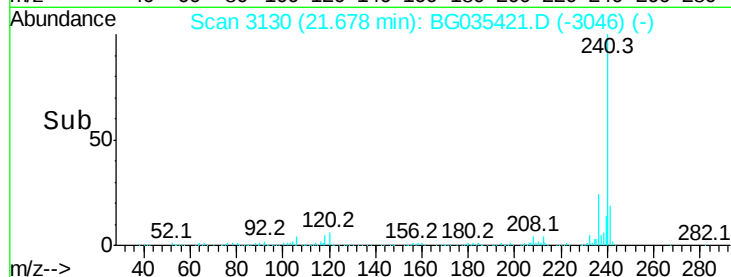
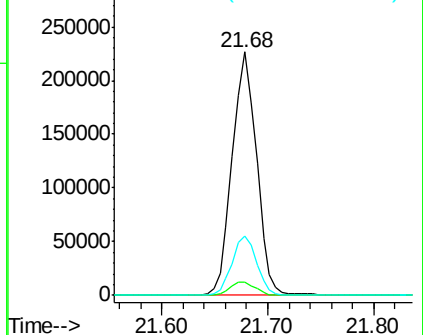
236 24.2 20.9 31.3



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: 71.832 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035421.D

Acq: 26 Jun 2018 22:09

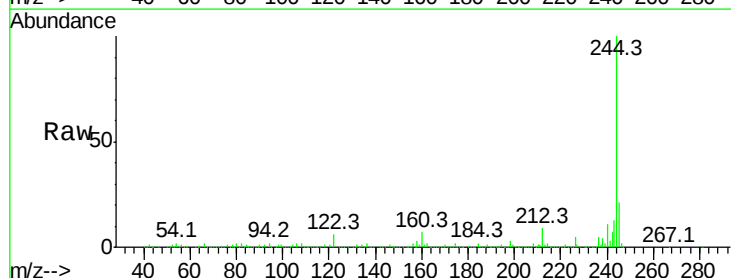
Tgt Ion:244 Resp: 1243199

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

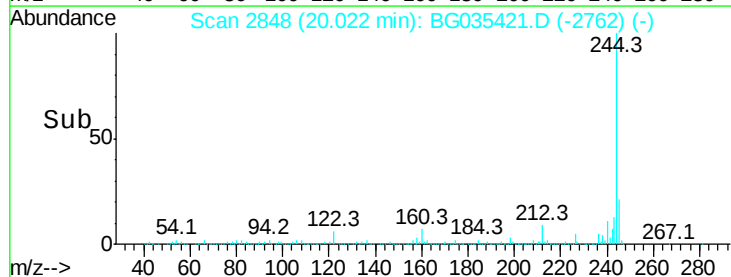
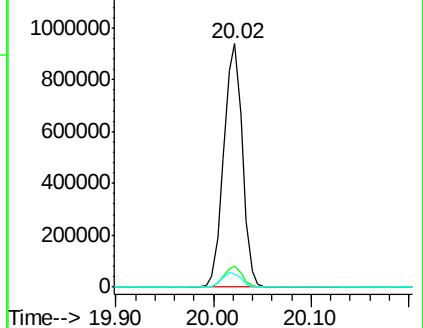
122 5.7 7.0 10.4#

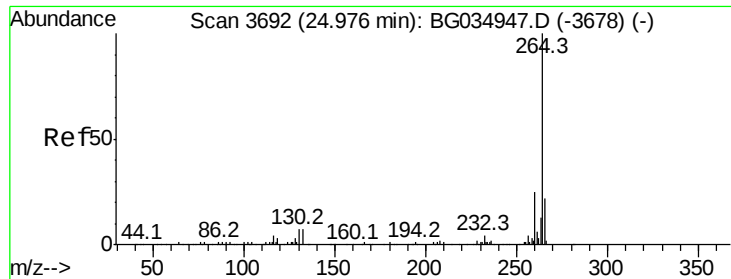


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

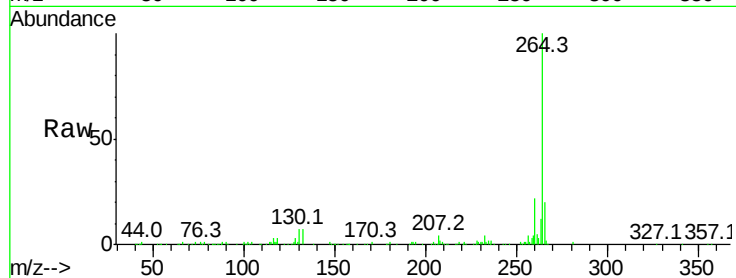




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035421.D
 Acq: 26 Jun 2018 22:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	20.0	17.7	26.5



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

