

Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032155.D
 Acq On : 19 Jan 2018 17:13
 Operator : SJ/JU
 Sample : J1018-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 19 22:18:33 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

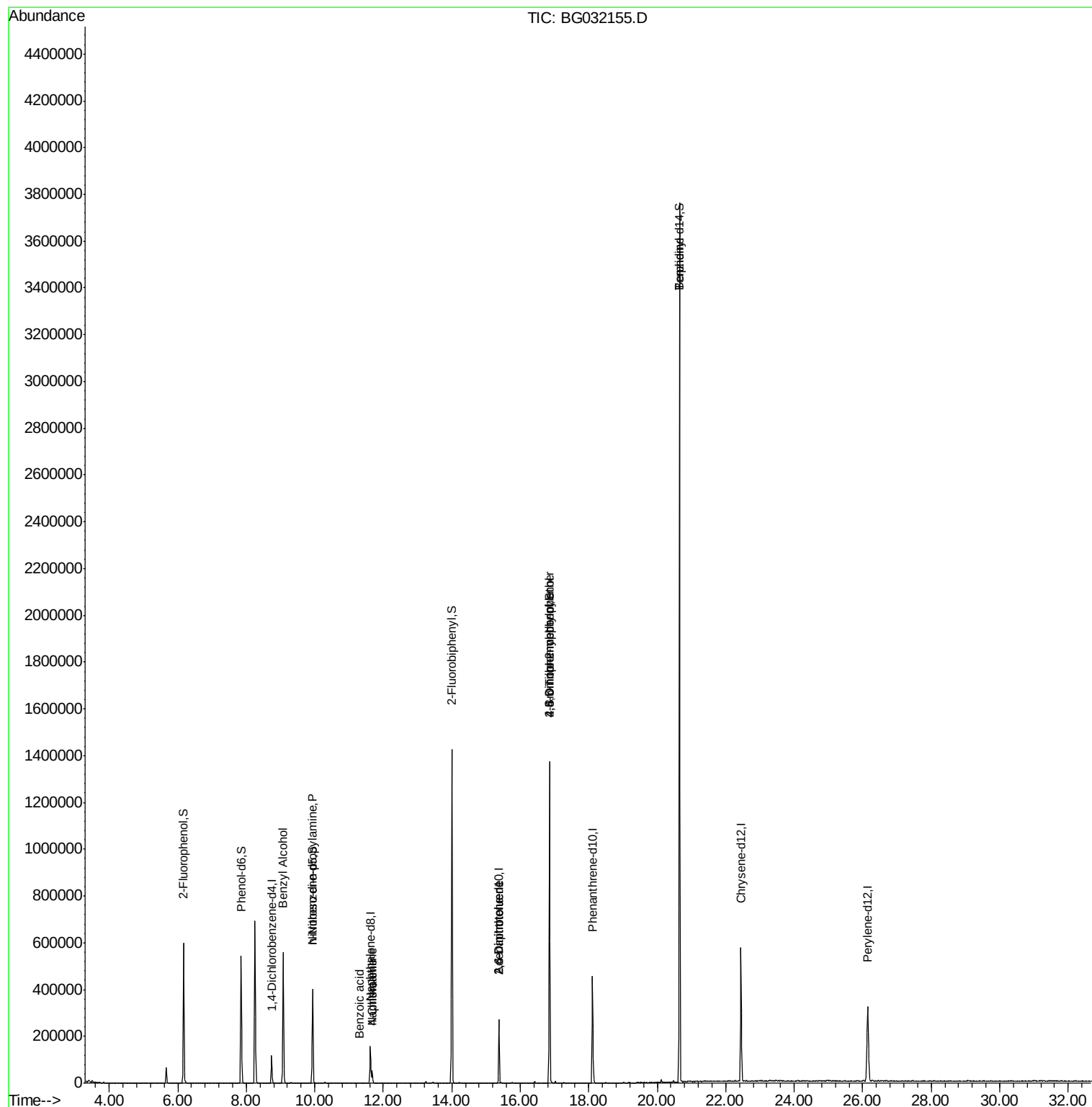
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	39141	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	157804	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	105559	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	311350	20.00	ng	0.00
75) Chrysene-d12	22.45	240	429581	20.00	ng	0.00
86) Perylene-d12	26.14	264	437313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	306850	143.38	ng	0.00
7) Phenol-d6	7.85	99	347421	128.90	ng	0.00
23) Nitrobenzene-d5	9.94	82	254541	109.13	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	309908	177.42	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	860534	101.08	ng	0.00
78) Terphenyl-d14	20.65	244	1937268	99.58	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.07	79	3994	2.040	ng	# 42
19) n-Nitroso-di-n-propylamine	9.94	70	36087	21.579	ng	# 76
31) Naphthalene	11.67	128	51433	6.579	ng	# 98
32) Benzoic acid	11.30	122	65	5.289	ng	# 1
33) 4-Chloroaniline	11.67	127	7097	2.117	ng	# 37
50) 2,6-Dinitrotoluene	15.37	165	13857	7.227	ng	# 20
56) 2,4-Dinitrotoluene	15.37	165	13857	5.368	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.85	198	702	5.201	ng	# 27
66) 4-Bromophenyl-phenylether	16.85	248	26018	5.873	ng	# 1
76) Benzidine	20.65	184	27018	2.515	ng	# 92

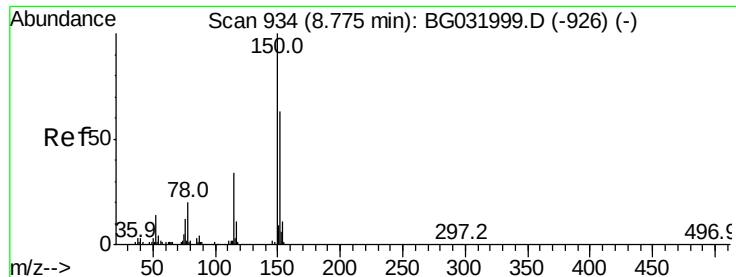
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
Data File : BG032155.D
Acq On : 19 Jan 2018 17:13
Operator : SJ/JU
Sample : J1018-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 19 22:18:33 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration



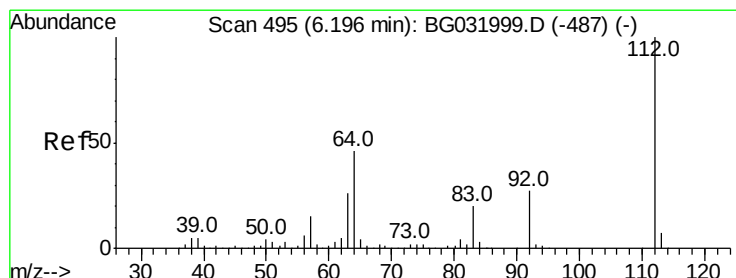
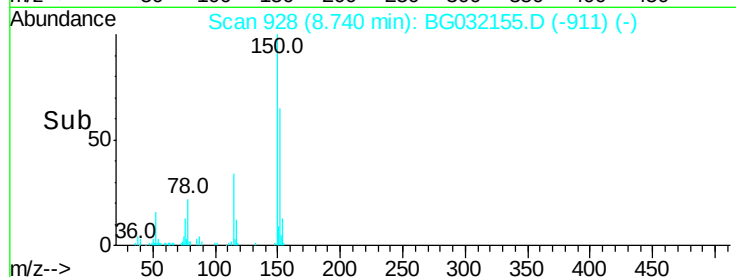
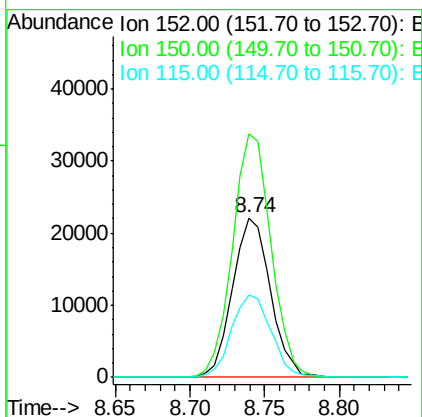
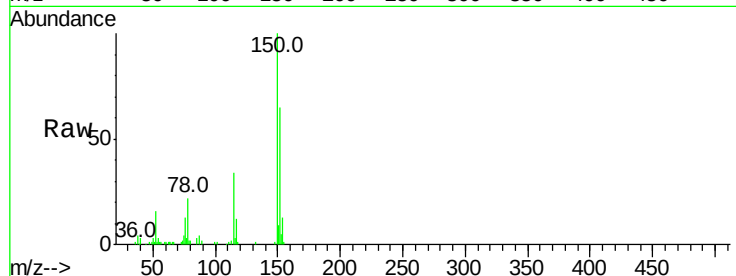


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032155.D
Acq: 19 Jan 2018 17:13

Instrument :
BNA_G
ClientSampleId :

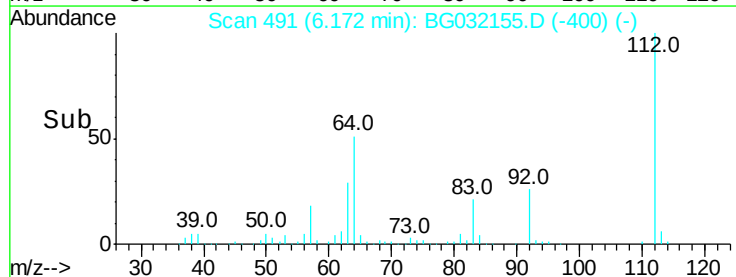
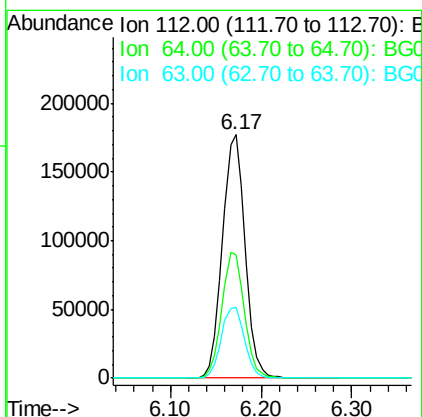
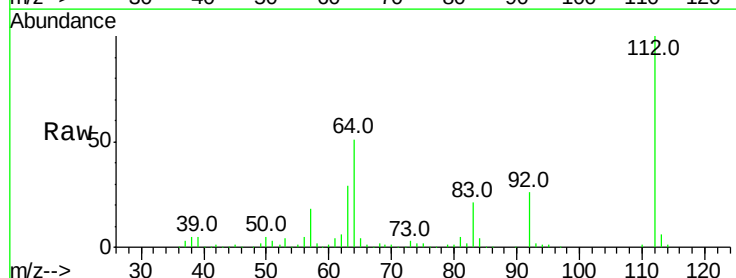
Tot Ion:152 Resp: 39141
Ion Ratio Lower Upper
152 100
150 152.9 126.6 189.8
115 51.7 53.0 79.4#

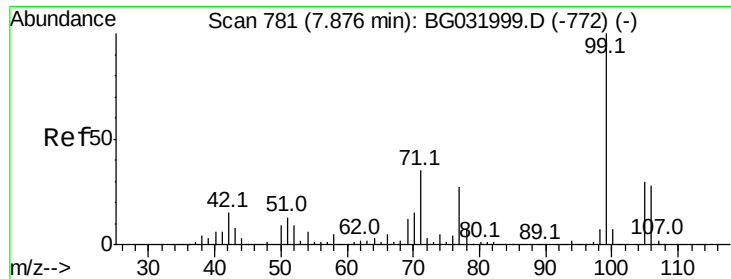


#5

2-Fluorophenol
Concen: 143.381 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032155.D
Acq: 19 Jan 2018 17:13

Tgt Ion:112 Resp: 306850
Ion Ratio Lower Upper
112 100
64 50.8 56.3 84.5#
63 29.2 30.1 45.1#





#7

Phenol-d6

Concen: 128.898 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG032155.D

Acq: 19 Jan 2018 17:13

Instrument :

BNA_G

ClientSampleId :

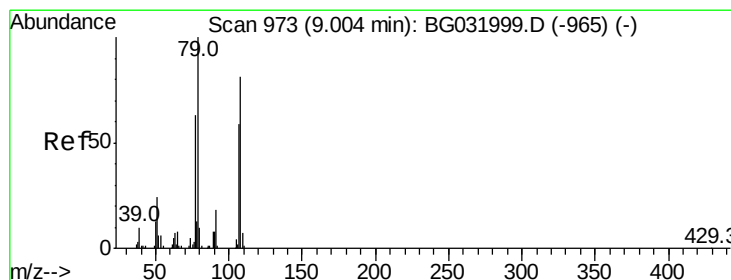
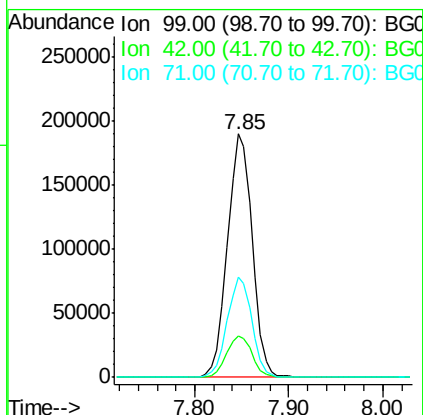
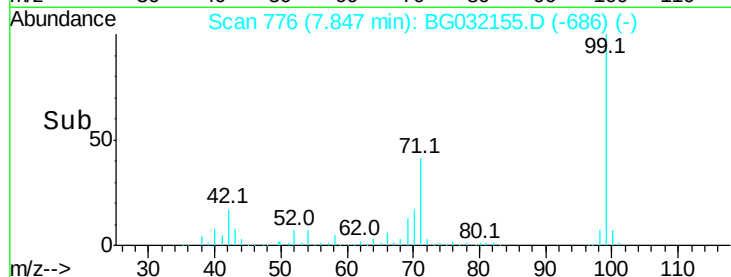
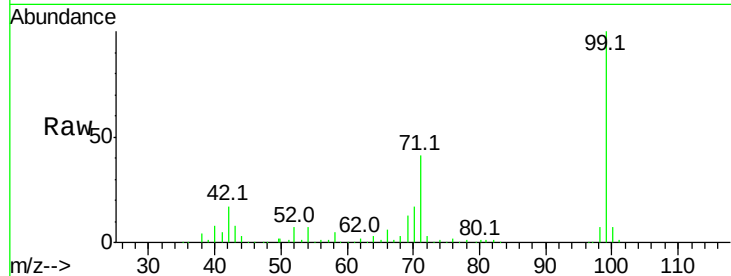
Tot Ion: 99 Resp: 347421

Ion Ratio Lower Upper

99 100

42 16.9 14.1 21.1

71 40.9 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.040 ng

RT: 9.07 min Scan# 985

Delta R.T. 0.10 min

Lab File: BG032155.D

Acq: 19 Jan 2018 17:13

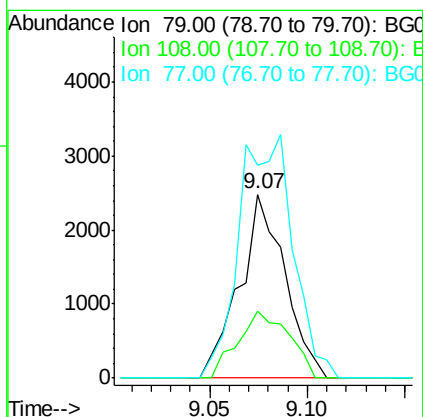
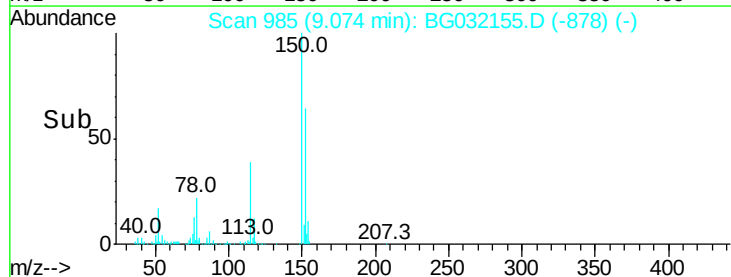
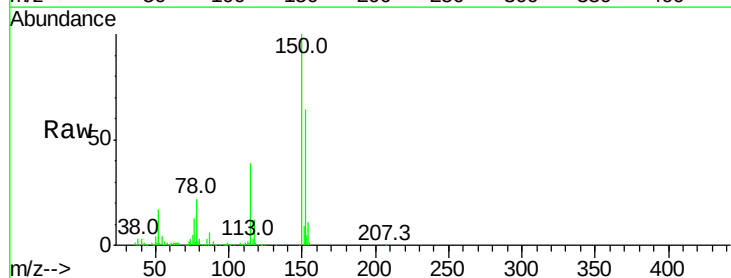
Tgt Ion: 79 Resp: 3994

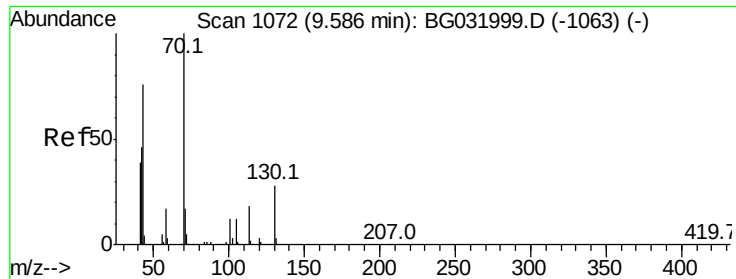
Ion Ratio Lower Upper

79 100

108 36.7 57.2 85.8#

77 116.1 46.1 69.1#

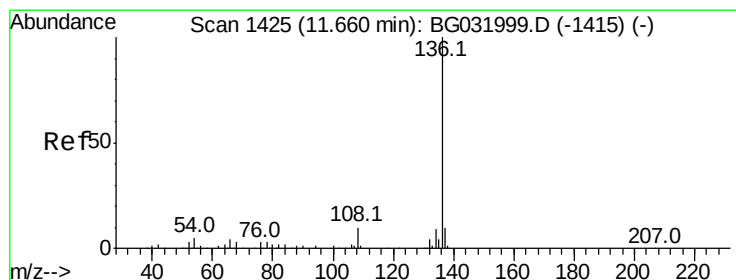
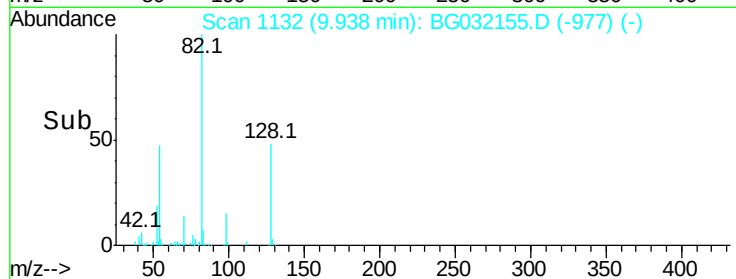
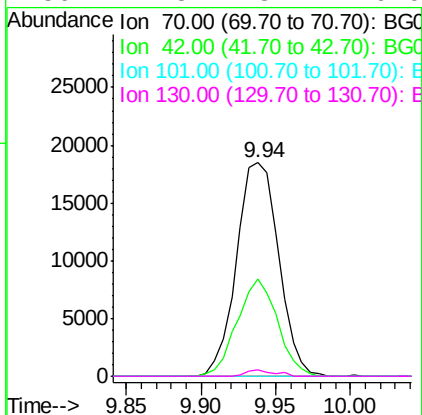
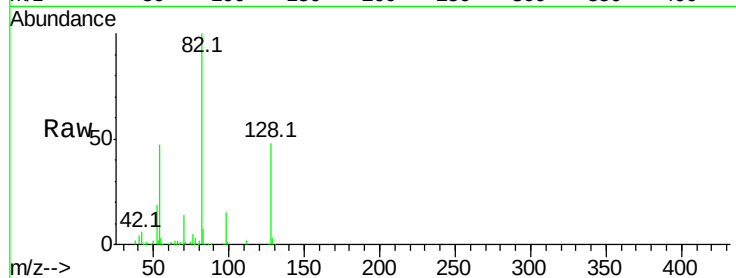




#19
n-Nitroso-di-n-propylamine
Concen: 21.579 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.38 min
Lab File: BG032155.D
Acq: 19 Jan 2018 17:13

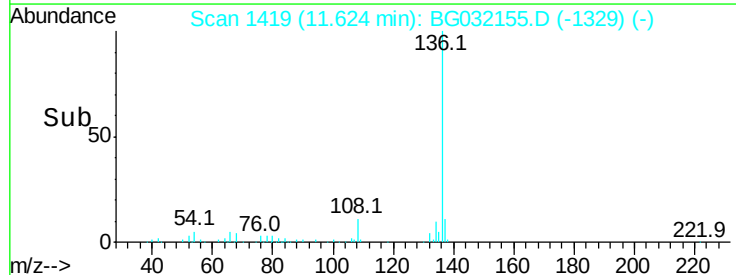
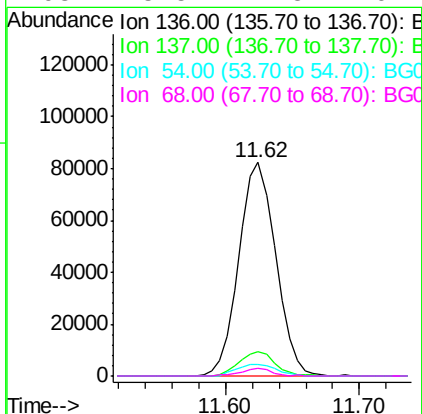
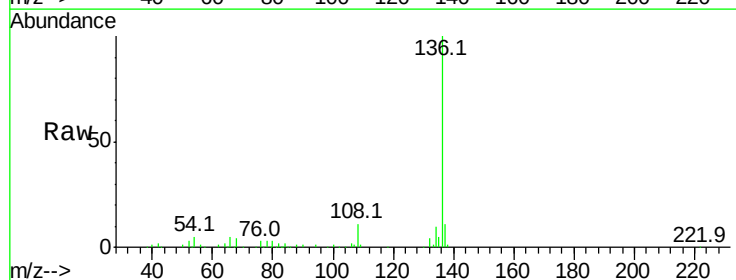
Instrument :
BNA_G
ClientSampleId :

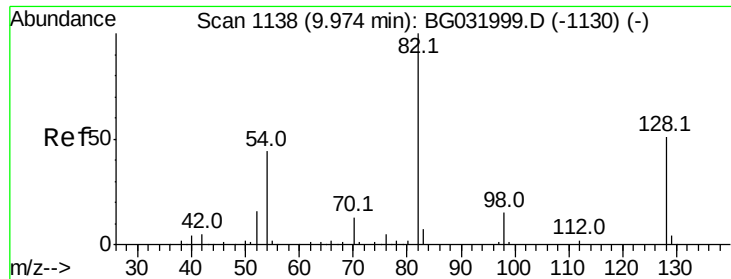
Tot Ion: 70 Resp: 36087
Ion Ratio Lower Upper
70 100
42 45.3 49.1 73.7#
101 0.0 8.5 12.7#
130 2.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032155.D
Acq: 19 Jan 2018 17:13

Tgt Ion: 136 Resp: 157804
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 5.5 10.3 15.5#
68 3.5 4.5 6.7#

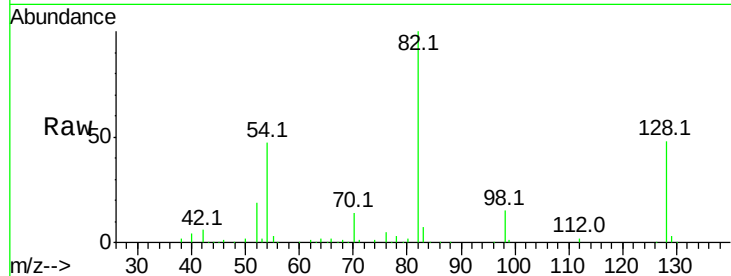




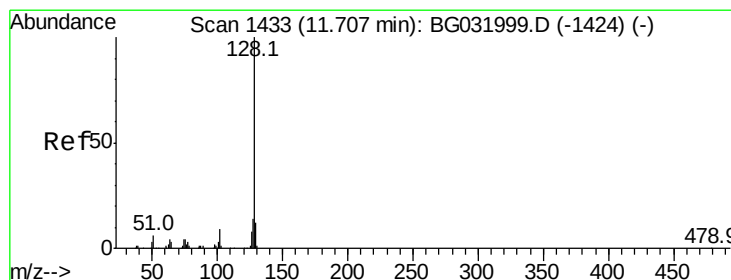
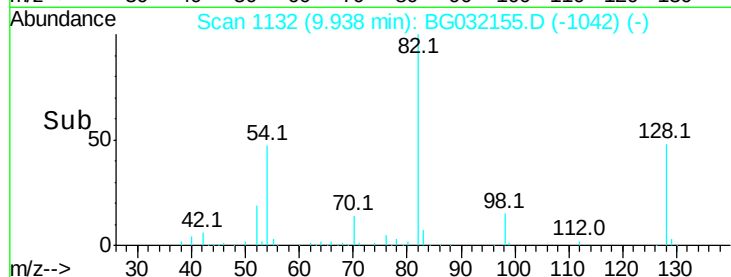
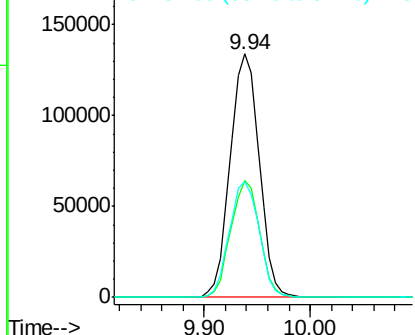
#23
 Nitrobenzene-d5
 Concen: 109.128 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BG032155.D
 Acq: 19 Jan 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 254541
 Ion Ratio Lower Upper
 82 100
 128 47.8 29.7 44.5#
 54 47.5 43.1 64.7

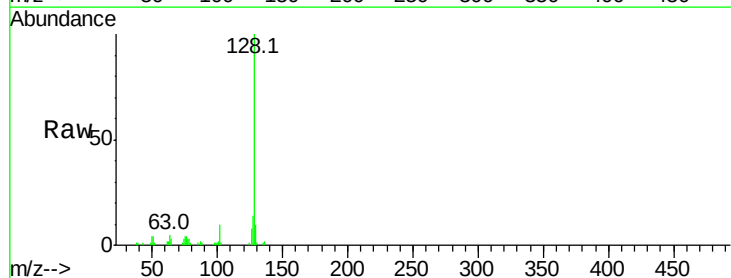


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

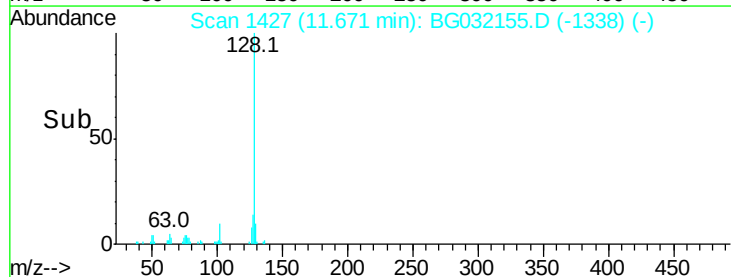
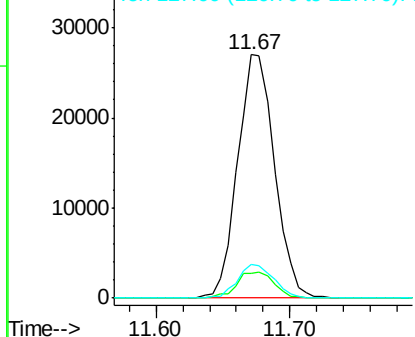


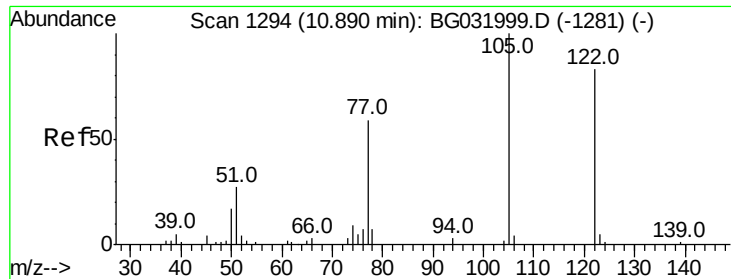
#31
 Naphthalene
 Concen: 6.579 ng
 RT: 11.67 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BG032155.D
 Acq: 19 Jan 2018 17:13

Tgt Ion: 128 Resp: 51433
 Ion Ratio Lower Upper
 128 100
 129 10.0 8.6 12.8
 127 13.6 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC





#32

Benzoic acid

Concen: 5.289 ng

RT: 11.30 min Scan# 1363

Delta R.T. 0.45 min

Lab File: BG032155.D

Acq: 19 Jan 2018 17:13

Instrument :

BNA_G

ClientSampleId :

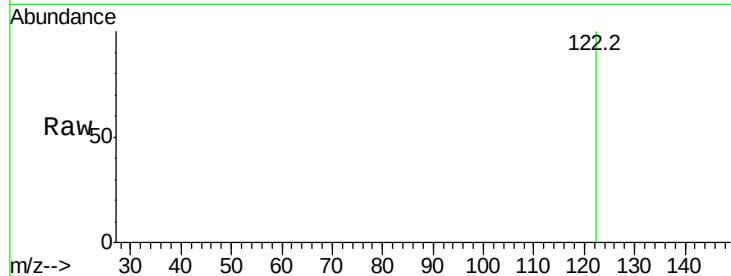
Tot Ion:122 Resp: 65

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

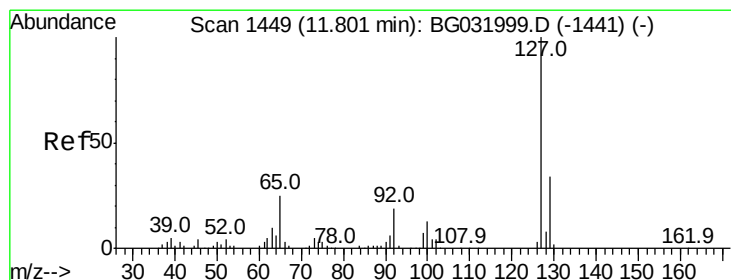
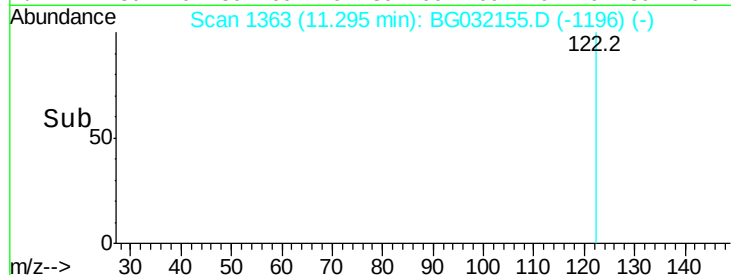
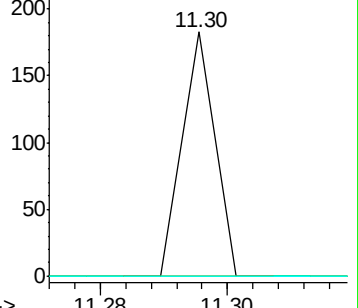
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 2.117 ng

RT: 11.67 min Scan# 1427

Delta R.T. -0.10 min

Lab File: BG032155.D

Acq: 19 Jan 2018 17:13

Tgt Ion:127 Resp: 7097

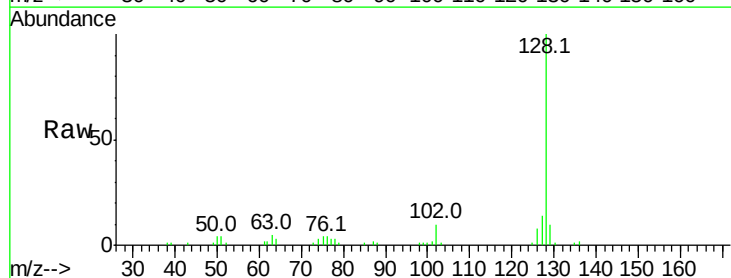
Ion Ratio Lower Upper

127 100

129 73.1 24.0 36.0#

65 0.0 27.0 40.4#

92 0.0 16.6 25.0#

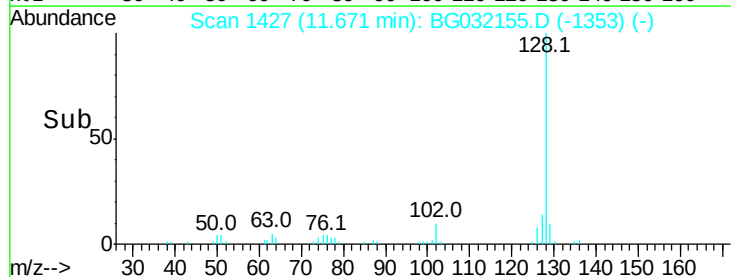
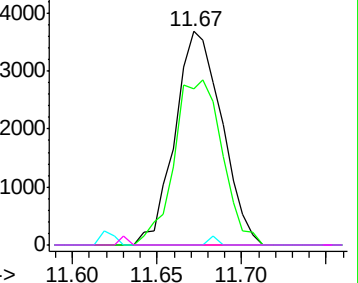


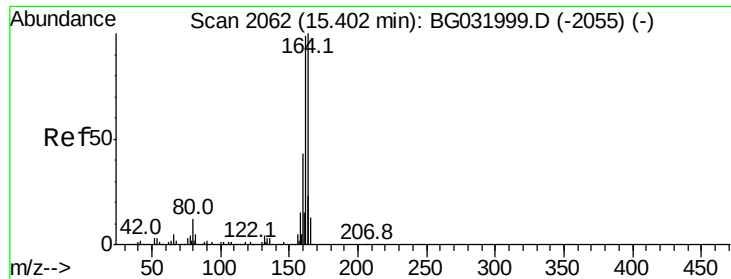
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.37 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG032155.D

Acq: 19 Jan 2018 17:13

Instrument :

BNA_G

ClientSampleId :

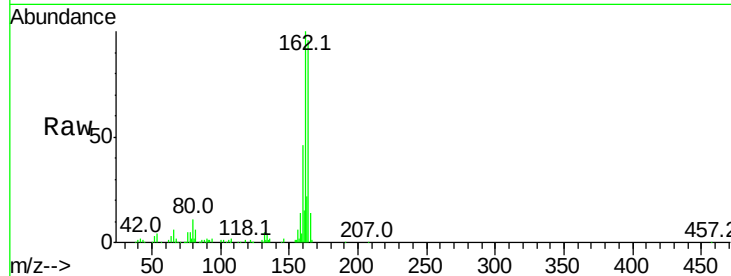
Tot Ion:164 Resp: 105559

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

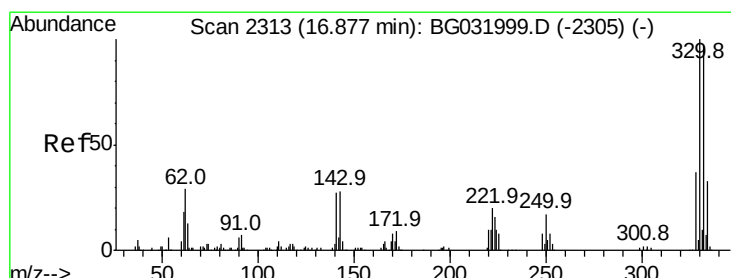
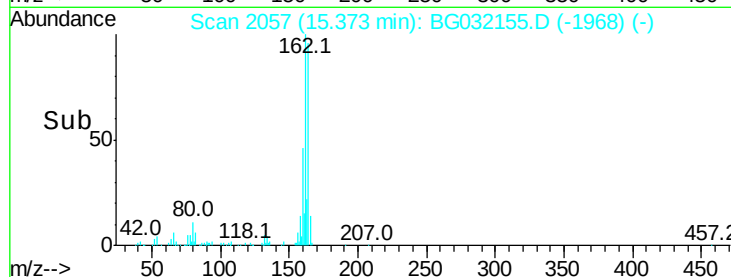
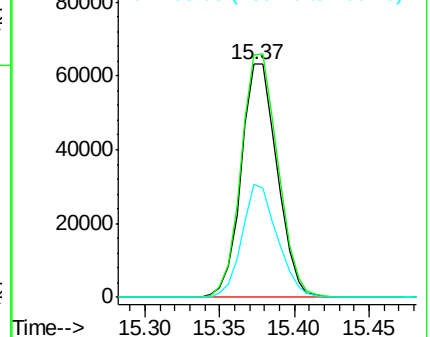
160 48.3 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 177.419 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG032155.D

Acq: 19 Jan 2018 17:13

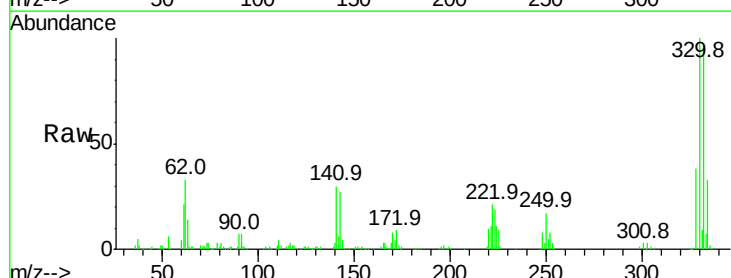
Tgt Ion:330 Resp: 309908

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

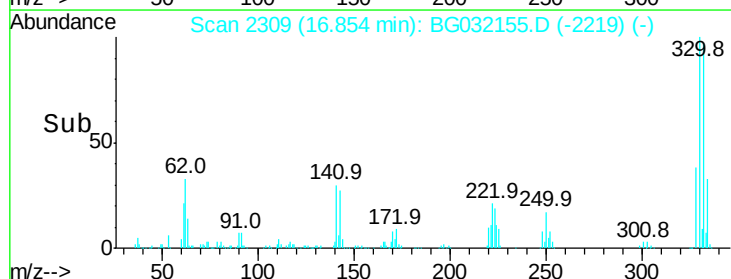
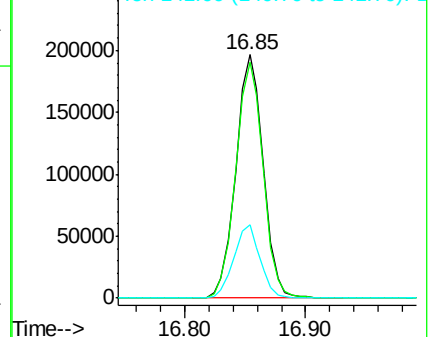
141 29.1 25.2 37.8

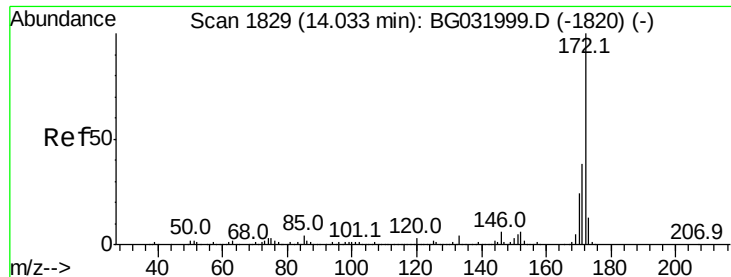


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

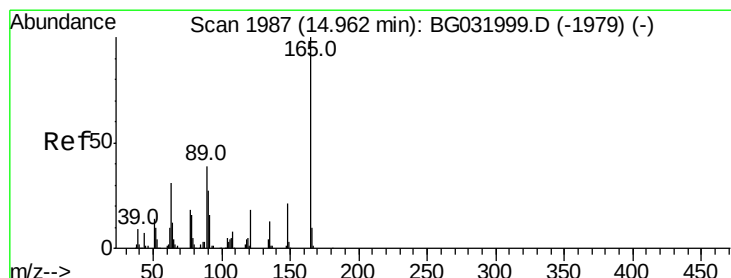
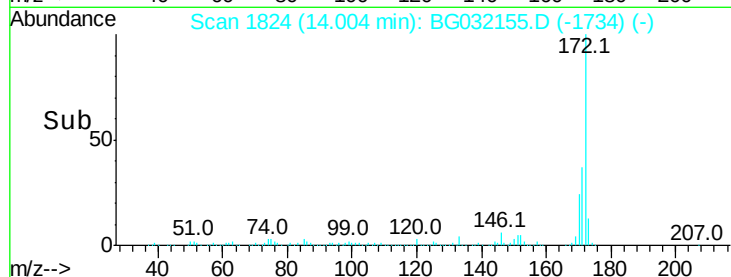
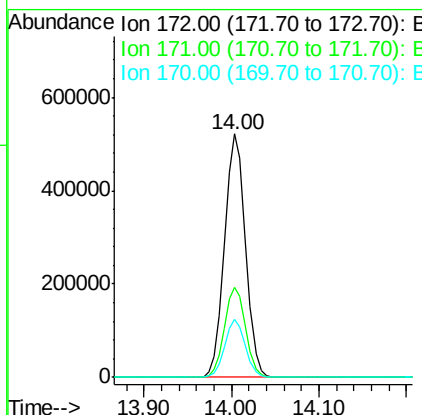
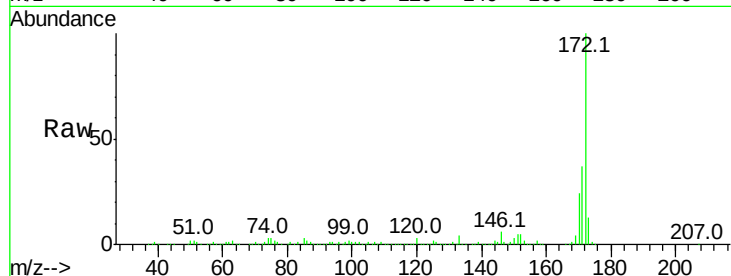




#44
 2-Fluorobiphenyl
 Concen: 101.083 ng
 RT: 14.00 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG032155.D
 Acq: 19 Jan 2018 17:13

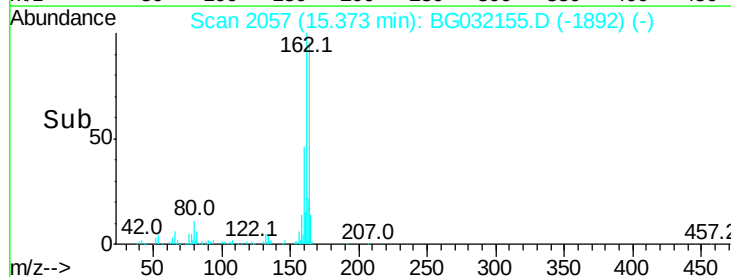
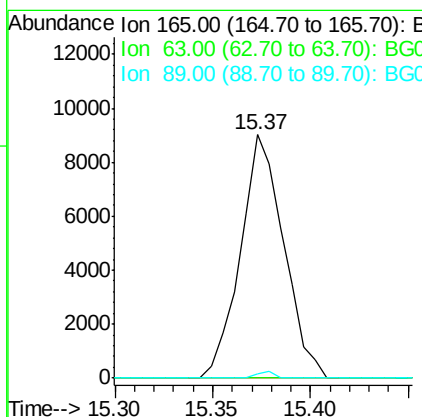
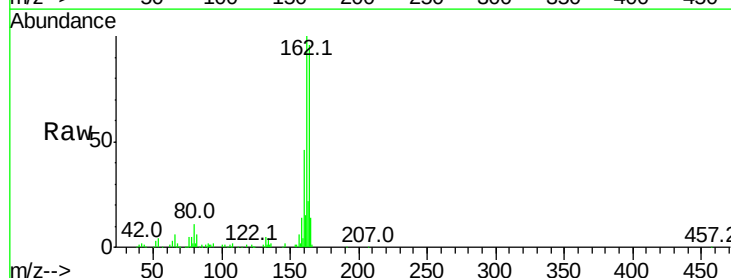
Instrument :
 BNA_G
 ClientSampleId :

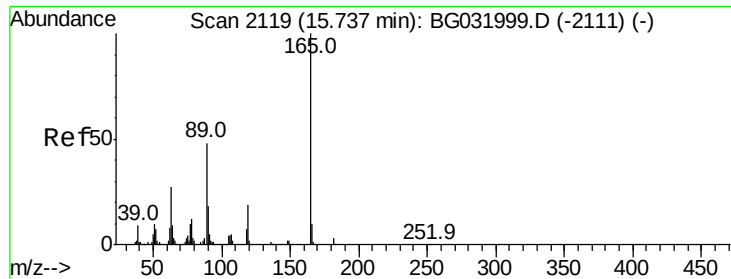
Tot Ion:172 Resp: 860534
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.0 45.0
 170 23.7 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.227 ng
 RT: 15.37 min Scan# 2057
 Delta R.T. 0.44 min
 Lab File: BG032155.D
 Acq: 19 Jan 2018 17:13

Tgt Ion:165 Resp: 13857
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.0 49.2 73.8#

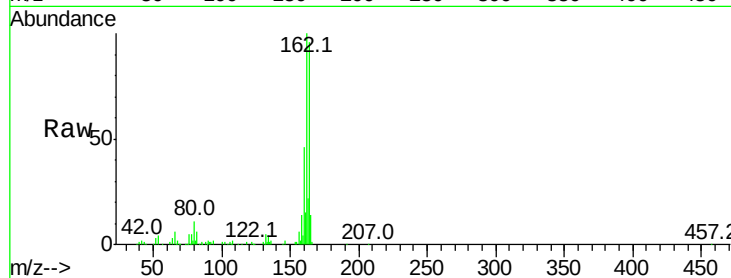




#56
 2,4-Dinitrotoluene
 Concen: 5.368 ng
 RT: 15.37 min Scan# 2057
 Delta R.T. -0.34 min
 Lab File: BG032155.D
 Acq: 19 Jan 2018 17:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#

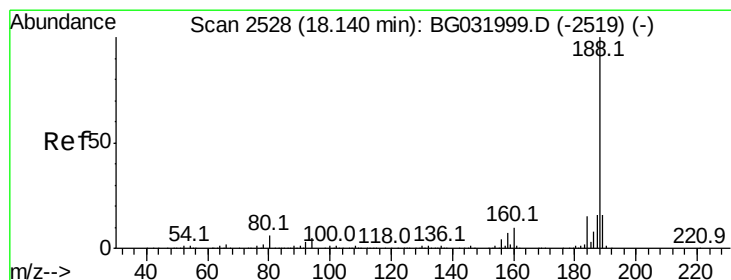
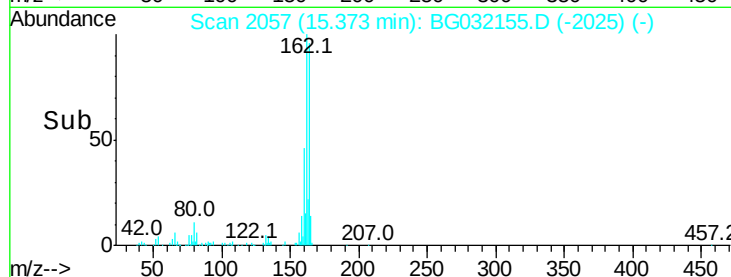
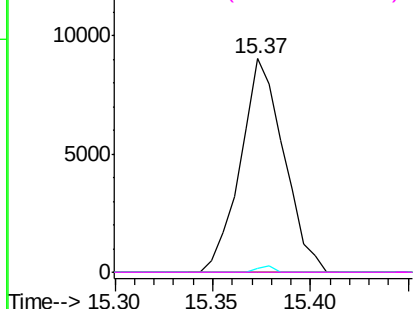


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

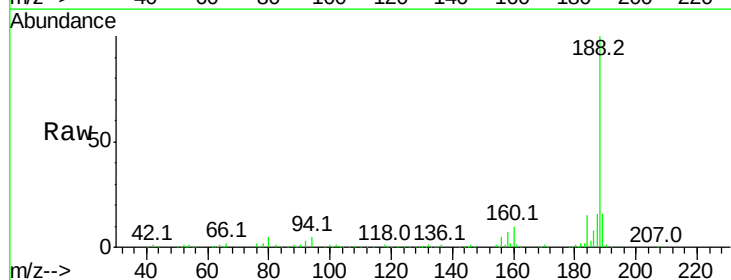
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2523
 Delta R.T. -0.00 min
 Lab File: BG032155.D
 Acq: 19 Jan 2018 17:13

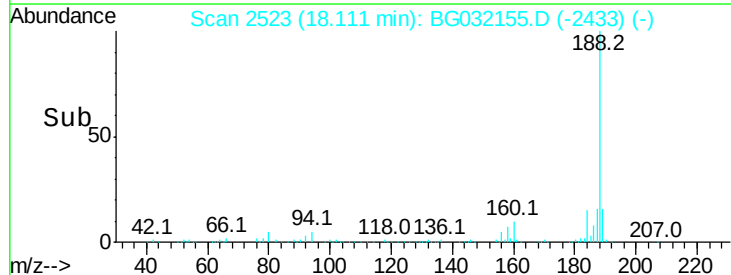
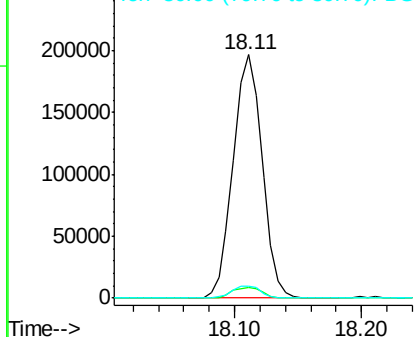
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	4.7	7.7	11.5#

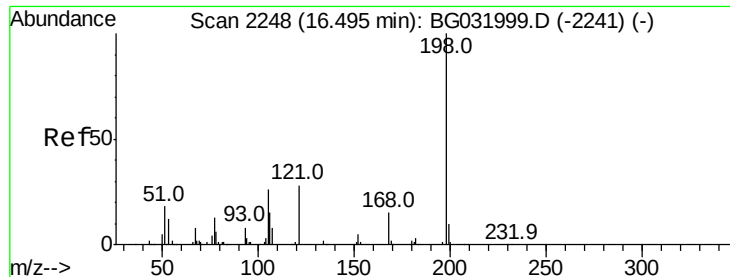


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 5.201 ng

RT: 16.85 min Scan# 2309

Delta R.T. 0.38 min

Lab File: BG032155.D

Acq: 19 Jan 2018 17:13

Instrument :

BNA_G

ClientSampled :

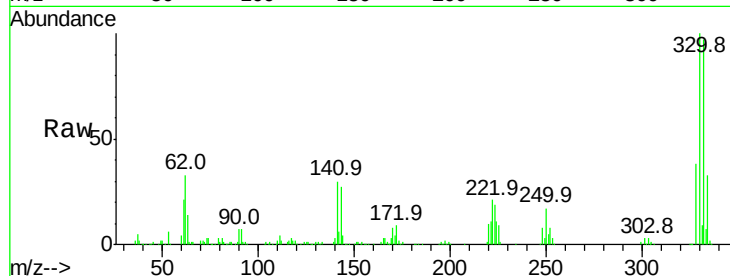
Tot Ion:198 Resp: 702

Ion Ratio Lower Upper

198 100

51 74.5 30.6 70.6#

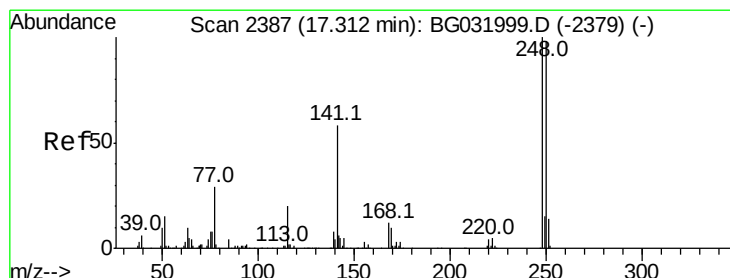
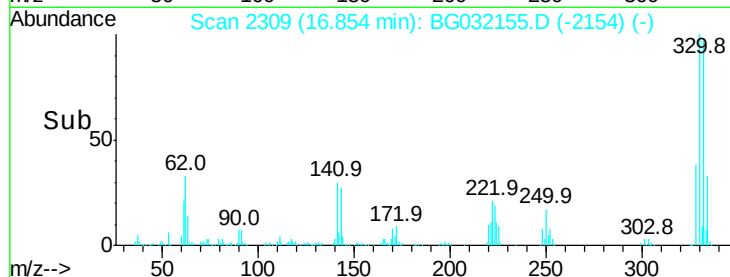
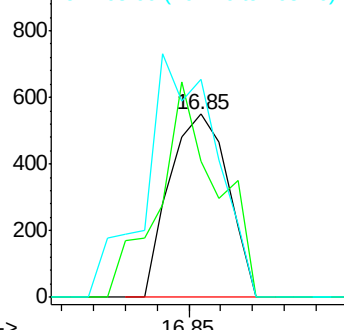
105 119.3 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 5.873 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.44 min

Lab File: BG032155.D

Acq: 19 Jan 2018 17:13

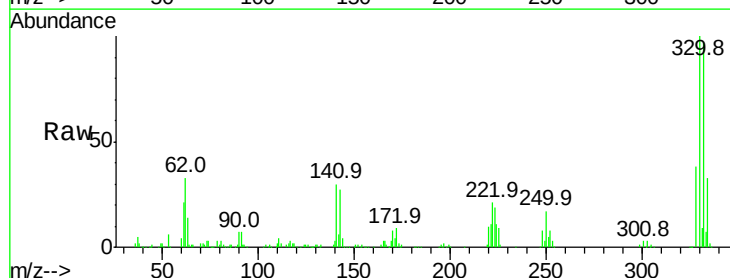
Tgt Ion:248 Resp: 26018

Ion Ratio Lower Upper

248 100

250 213.3 77.1 115.7#

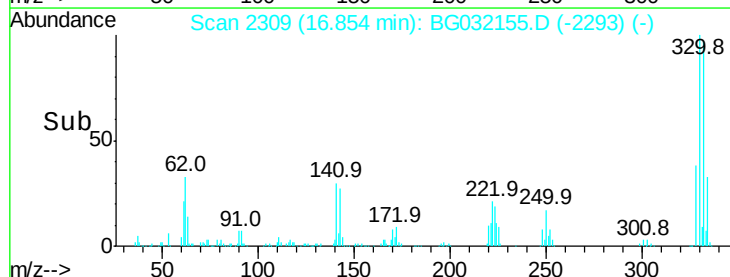
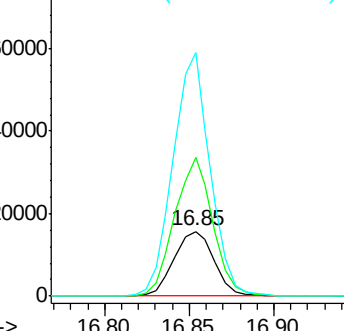
141 374.9 50.8 76.2#

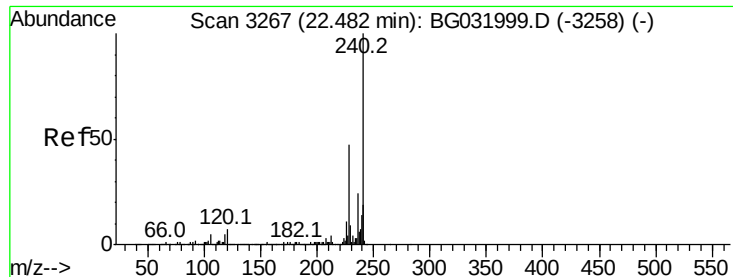


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.45 min Scan# 3261

Delta R.T. -0.00 min

Lab File: BG032155.D

Acq: 19 Jan 2018 17:13

Instrument :

BNA_G

ClientSampleId :

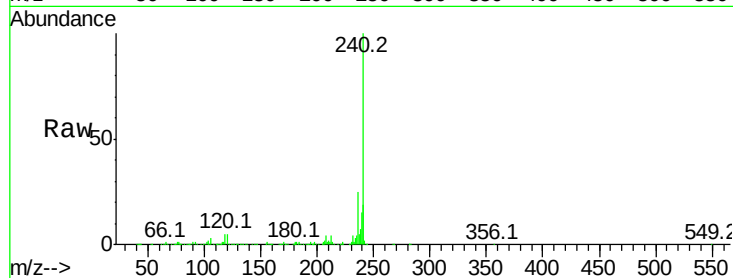
Tot Ion:240 Resp: 429581

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

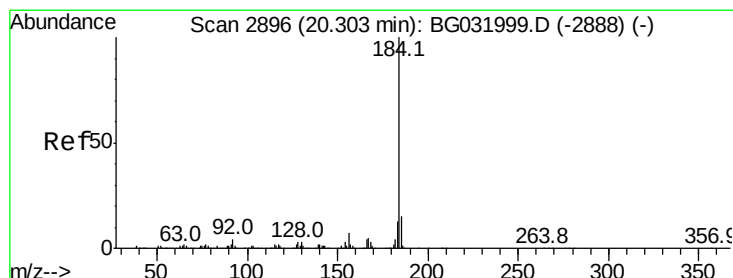
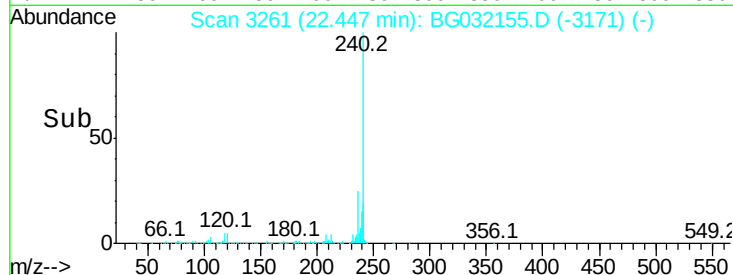
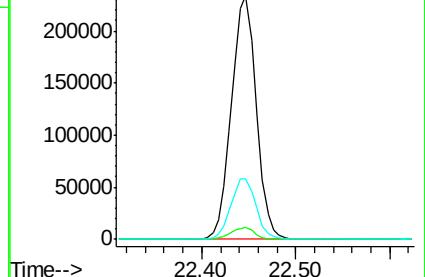
236 24.9 20.9 31.3



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



#76

Benzidine

Concen: 2.515 ng

RT: 20.65 min Scan# 2955

Delta R.T. 0.37 min

Lab File: BG032155.D

Acq: 19 Jan 2018 17:13

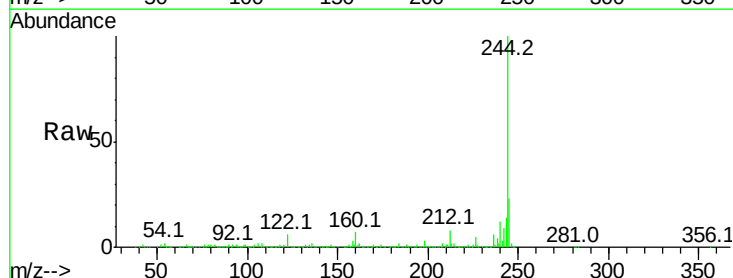
Tgt Ion:184 Resp: 27018

Ion Ratio Lower Upper

184 100

185 17.5 11.1 16.7#

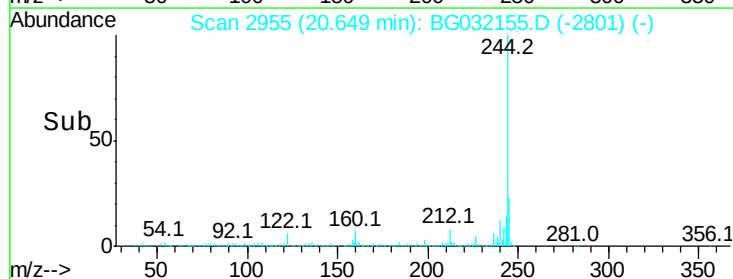
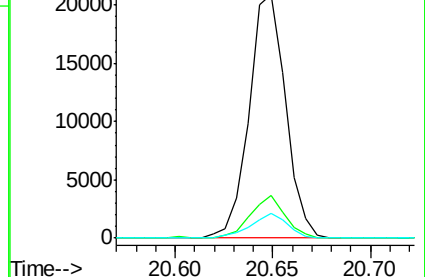
183 10.1 10.6 16.0#

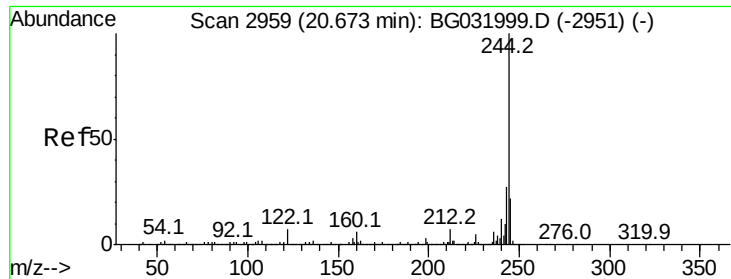


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 99.575 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032155.D

Acq: 19 Jan 2018 17:13

Instrument :

BNA_G

ClientSampleId :

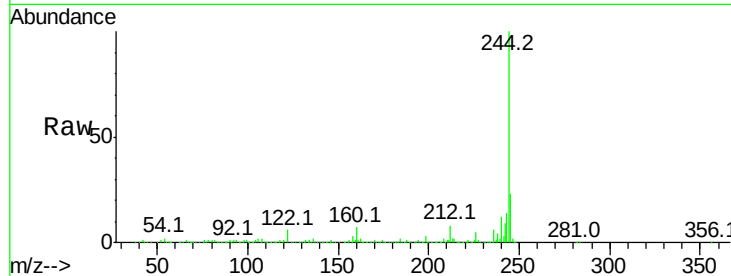
Tot Ion:244 Resp: 1937268

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	6.2	7.0	10.4

244 100

212 8.3 5.8 8.8

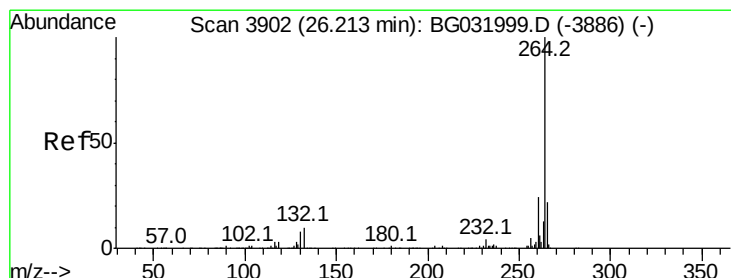
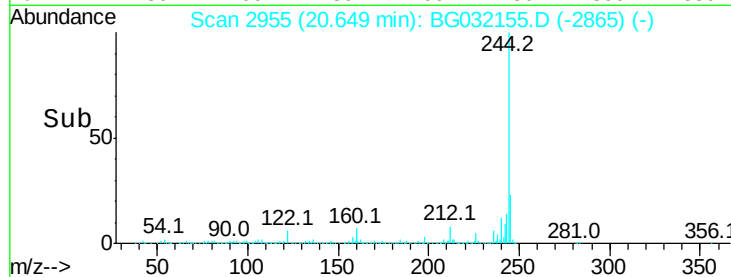
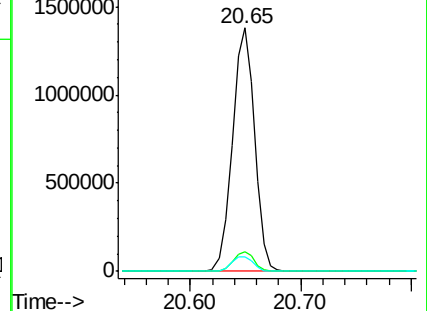
122 6.2 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.14 min Scan# 3890

Delta R.T. -0.01 min

Lab File: BG032155.D

Acq: 19 Jan 2018 17:13

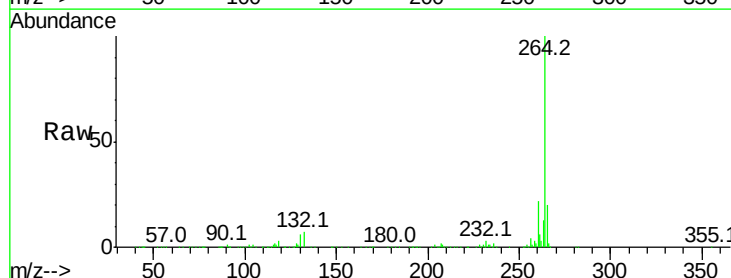
Tgt Ion:264 Resp: 437313

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	20.1	17.7	26.5

264 100

260 22.2 17.4 26.0

265 20.1 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

