

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032098.D
 Acq On : 17 Jan 2018 9:12
 Operator : SJ/JU
 Sample : J1019-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-011218-C

Quant Time: Jan 17 10:43:09 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

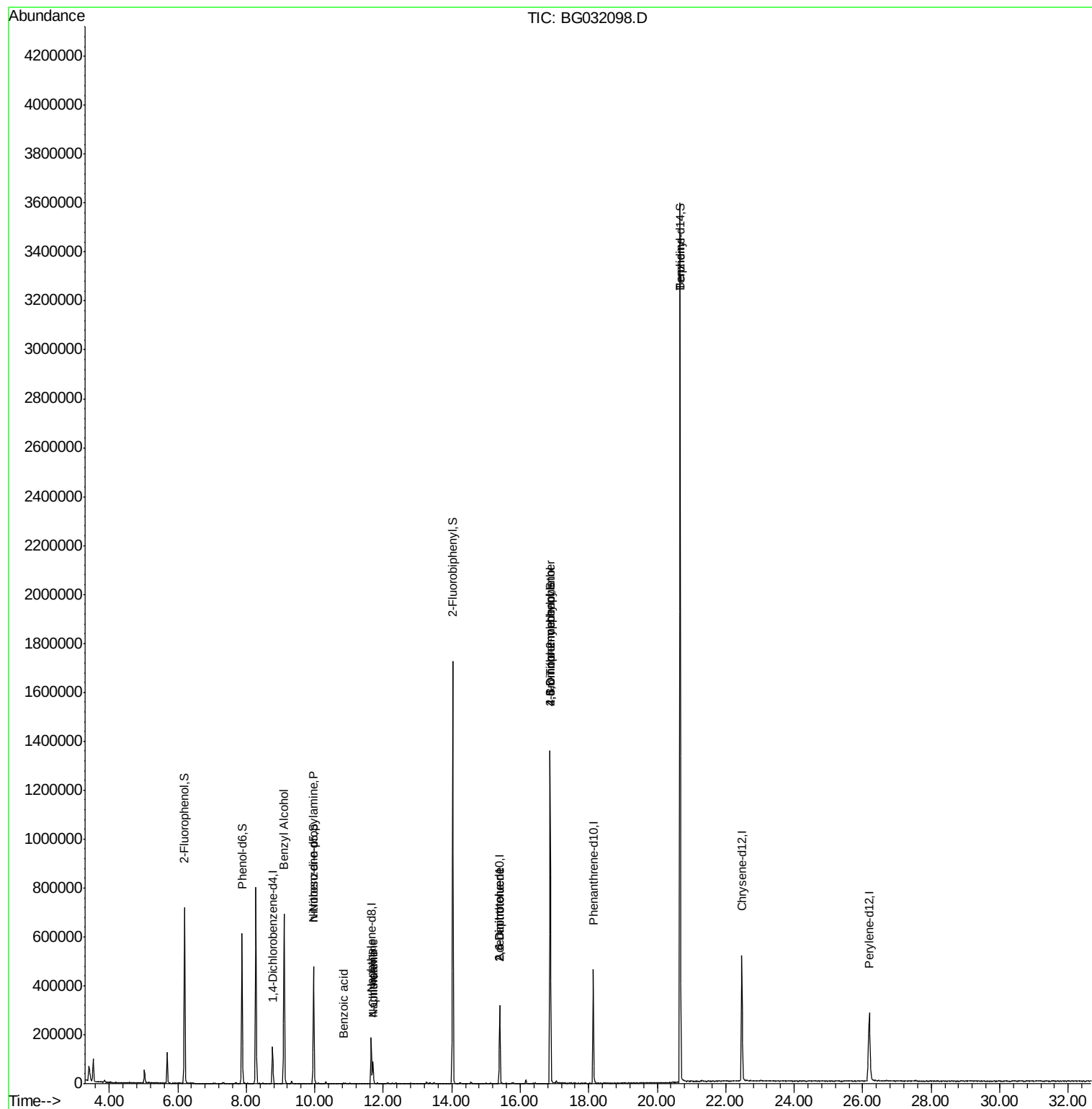
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	49357	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	191390	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	124556	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	334650	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	419591	20.00	ng	-0.01
86) Perylene-d12	26.18	264	413730	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	368429	136.52	ng	0.00
7) Phenol-d6	7.88	99	406338	119.55	ng	0.00
23) Nitrobenzene-d5	9.97	82	304245	107.55	ng	0.00
41) 2,4,6-Tribromophenol	16.87	330	314454	152.57	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1036947	103.23	ng	0.00
78) Terphenyl-d14	20.67	244	1979606	104.17	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.10	79	5894	2.387	ng	# 60
19) n-Nitroso-di-n-propylamine	9.97	70	43117	20.446	ng	# 73
31) Naphthalene	11.70	128	85284	8.995	ng	# 95
32) Benzoic acid	10.83	122	130	5.310	ng	# 1
33) 4-Chloroaniline	11.71	127	11161	2.745	ng	# 38
50) 2,6-Dinitrotoluene	15.40	165	16078	7.107	ng	# 18
56) 2,4-Dinitrotoluene	15.40	165	16078	5.279	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.87	198	1177	5.378	ng	# 54
66) 4-Bromophenyl-phenylether	16.87	248	26235	5.510	ng	# 1
76) Benzidine	20.67	184	29440	2.806	ng	# 88

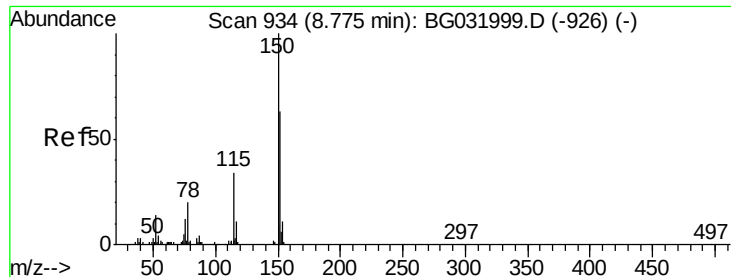
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032098.D
Acq On : 17 Jan 2018 9:12
Operator : SJ/JU
Sample : J1019-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-011218-C

Quant Time: Jan 17 10:43:09 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration



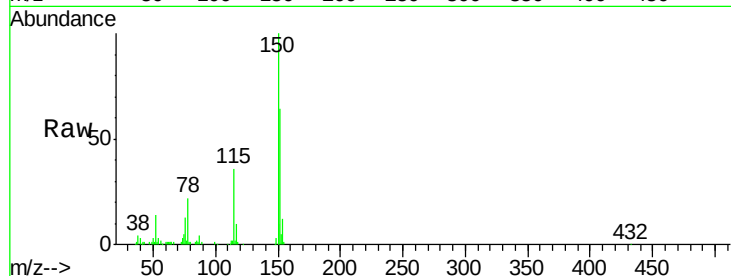


#1

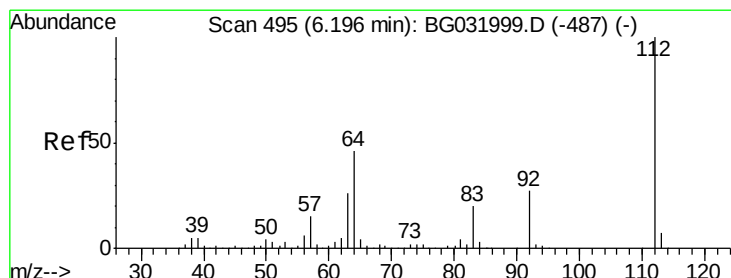
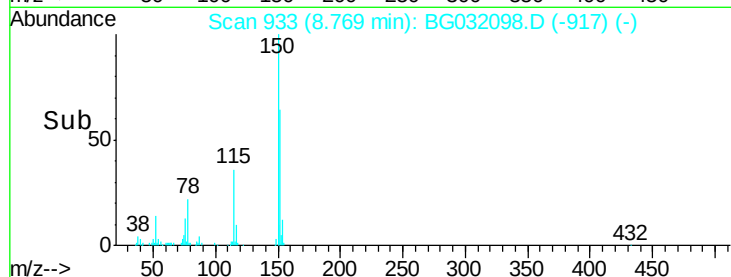
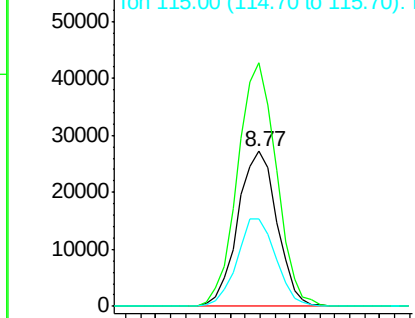
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG032098.D
Acq: 17 Jan 2018 9:12

Instrument :
BNA_G
ClientSampleId :
EO-02-011218-C

Tgt Ion:152 Resp: 49357
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 56.7 53.0 79.4



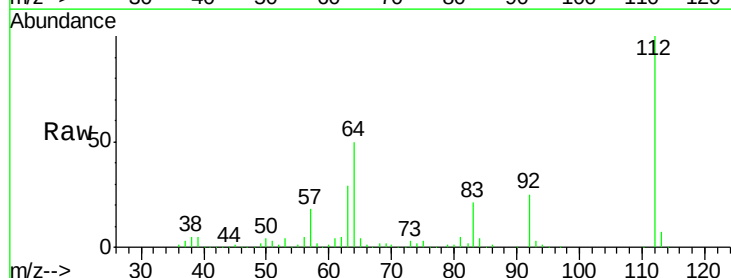
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



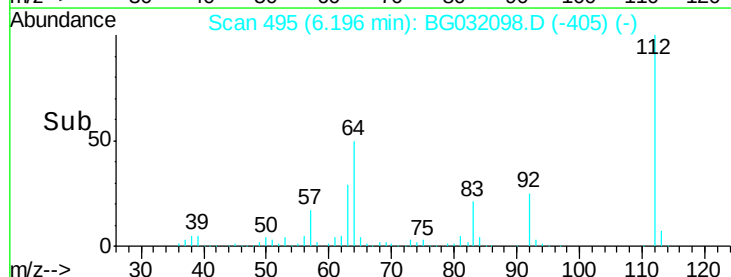
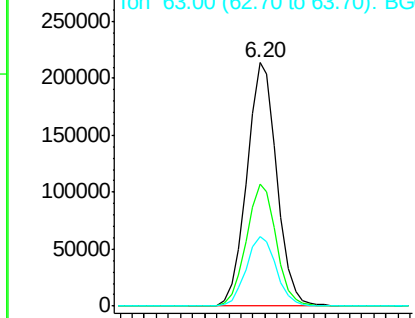
#5

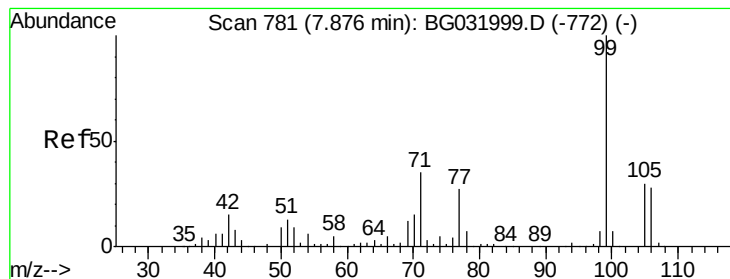
2-Fluorophenol
Concen: 136.522 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032098.D
Acq: 17 Jan 2018 9:12

Tgt Ion:112 Resp: 368429
Ion Ratio Lower Upper
112 100
64 50.1 56.3 84.5#
63 28.8 30.1 45.1#



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





#7

Phenol-d6

Concen: 119.553 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

Instrument :

BNA_G

ClientSampleId :

EO-02-011218-C

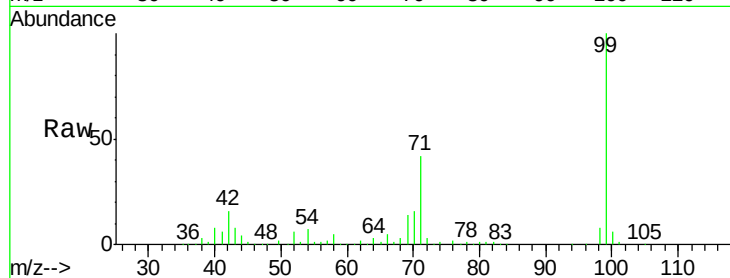
Tgt Ion: 99 Resp: 406338

Ion Ratio Lower Upper

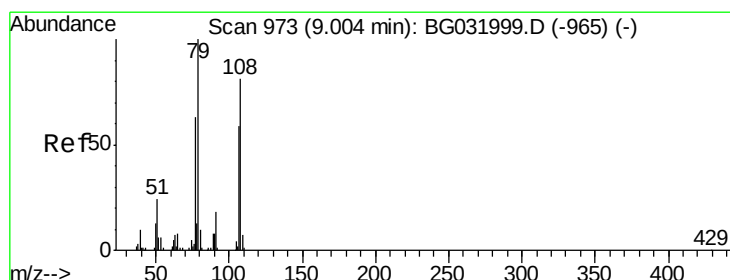
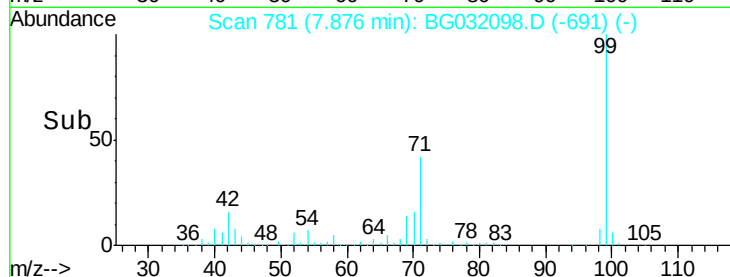
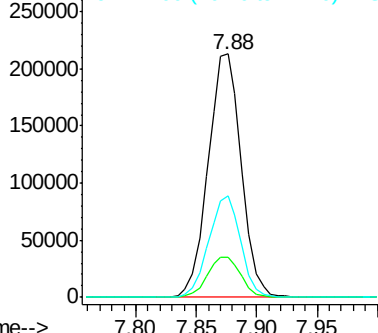
99 100

42 16.4 14.1 21.1

71 41.5 26.1 39.1#



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: 2.387 ng

RT: 9.10 min Scan# 989

Delta R.T. 0.09 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

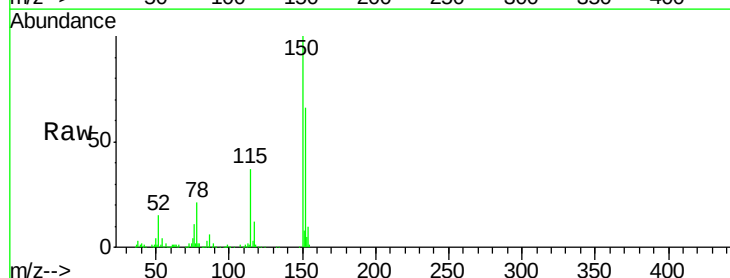
Tgt Ion: 79 Resp: 5894

Ion Ratio Lower Upper

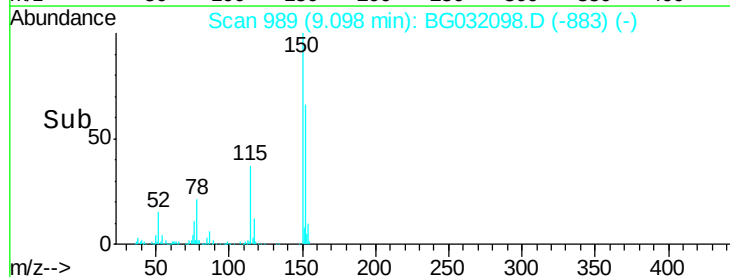
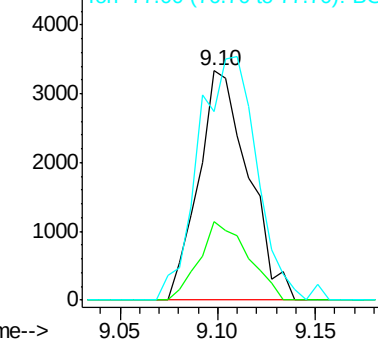
79 100

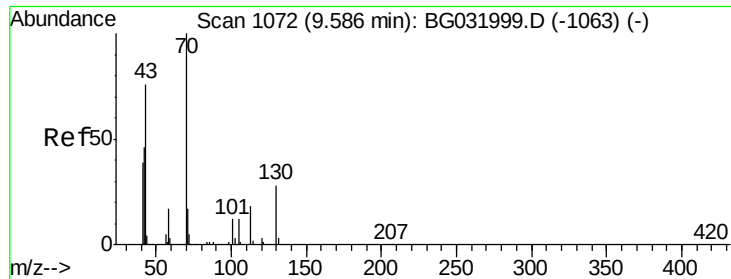
108 34.3 57.2 85.8#

77 82.0 46.1 69.1#



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

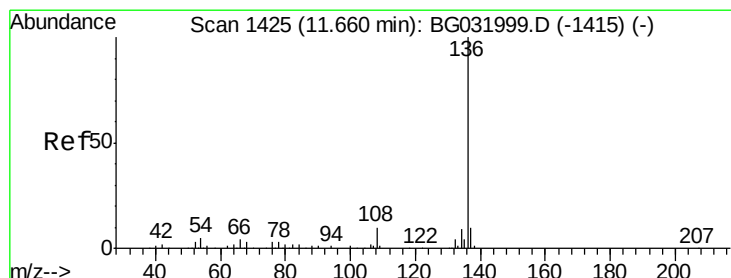
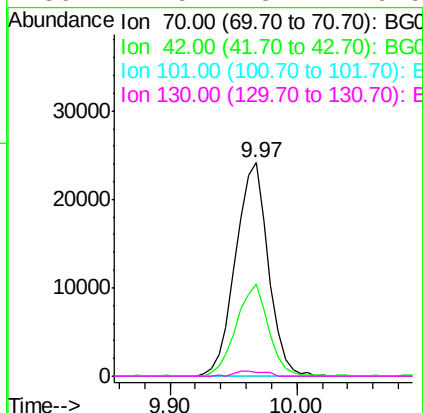
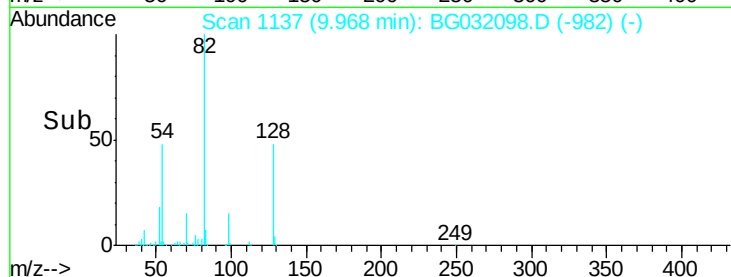
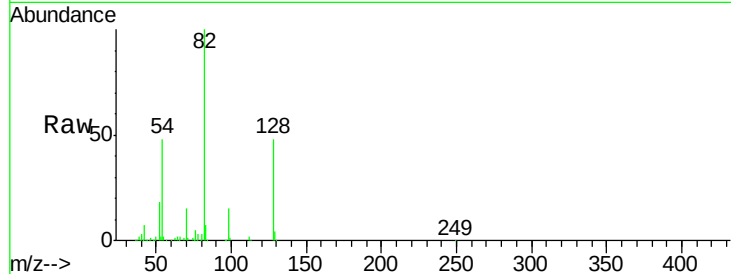




#19
n-Nitroso-di-n-propylamine
Concen: 20.446 ng
RT: 9.97 min Scan# 1137
Delta R.T. 0.38 min
Lab File: BG032098.D
Acq: 17 Jan 2018 9:12

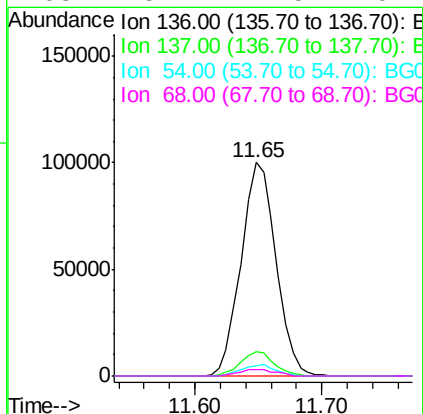
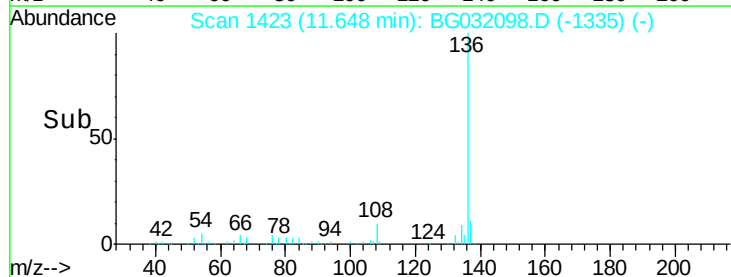
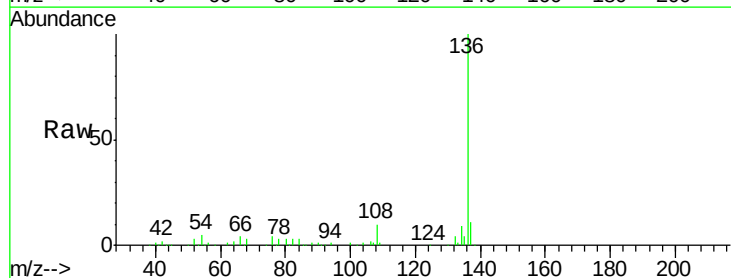
Instrument :
BNA_G
ClientSampleId :
EO-02-011218-C

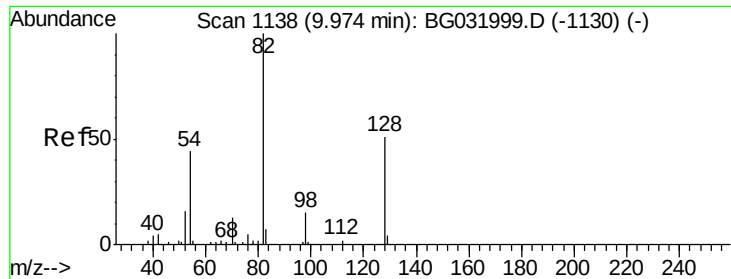
Tgt Ion: 70 Resp: 43117
Ion Ratio Lower Upper
70 100
42 42.9 49.1 73.7#
101 0.0 8.5 12.7#
130 1.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032098.D
Acq: 17 Jan 2018 9:12

Tgt Ion: 136 Resp: 191390
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 4.8 10.3 15.5#
68 3.2 4.5 6.7#

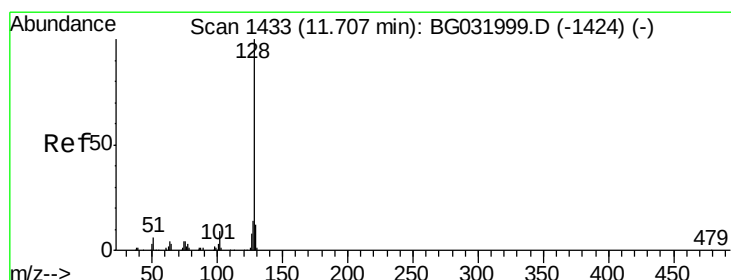
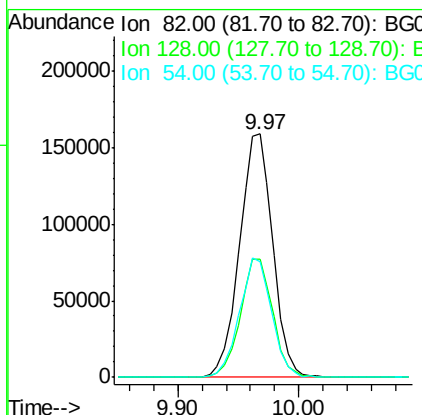
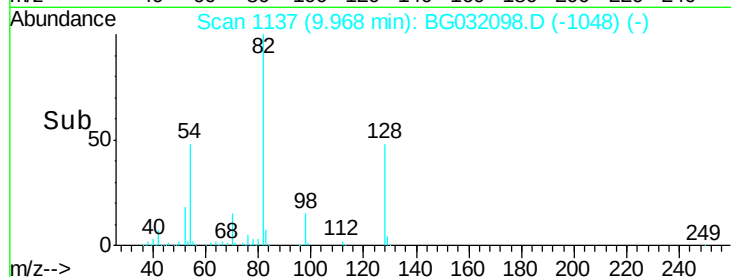
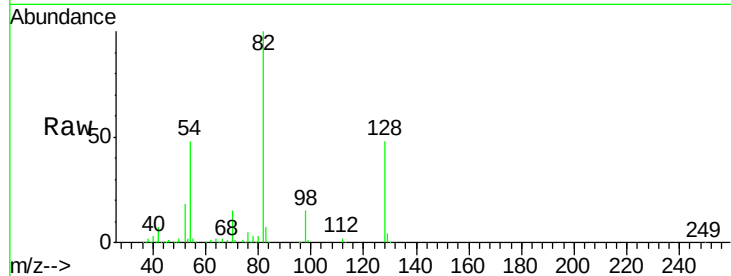




#23
 Nitrobenzene-d5
 Concen: 107.547 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BG032098.D
 Acq: 17 Jan 2018 9:12

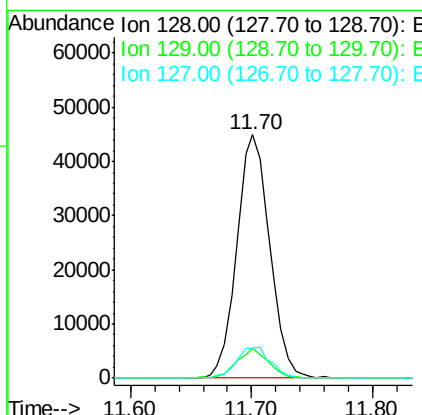
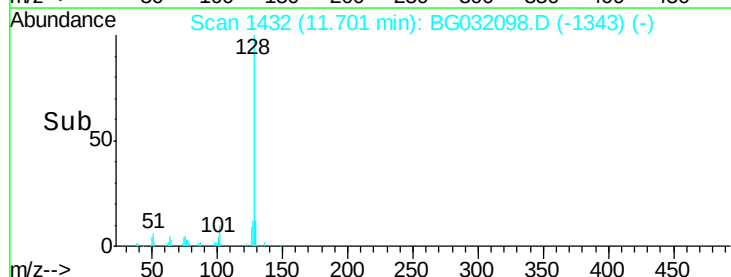
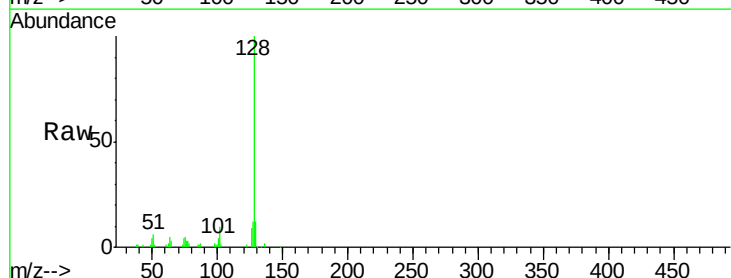
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-011218-C

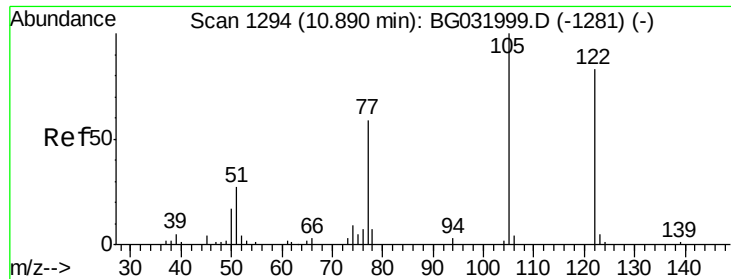
Tgt Ion: 82 Resp: 304245
 Ion Ratio Lower Upper
 82 100
 128 48.3 29.7 44.5#
 54 47.7 43.1 64.7



#31
 Naphthalene
 Concen: 8.995 ng
 RT: 11.70 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BG032098.D
 Acq: 17 Jan 2018 9:12

Tgt Ion: 128 Resp: 85284
 Ion Ratio Lower Upper
 128 100
 129 12.2 8.6 12.8
 127 12.1 11.6 17.4





#32

Benzoic acid

Concen: 5.310 ng

RT: 10.83 min Scan# 1284

Delta R.T. -0.06 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

Instrument :

BNA_G

ClientSampleId :

EO-02-011218-C

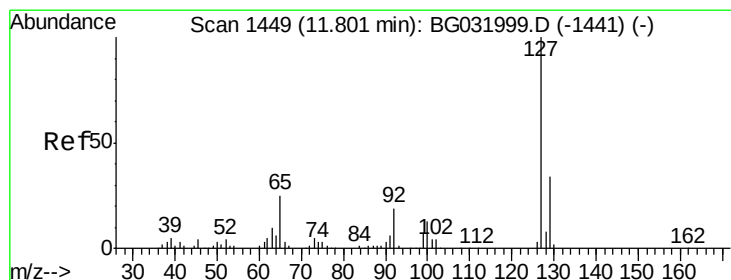
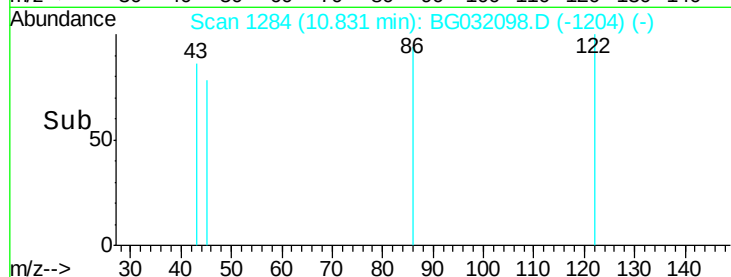
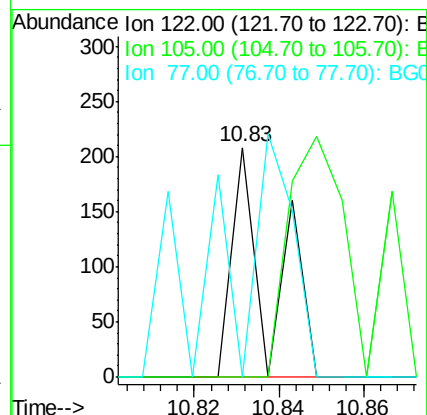
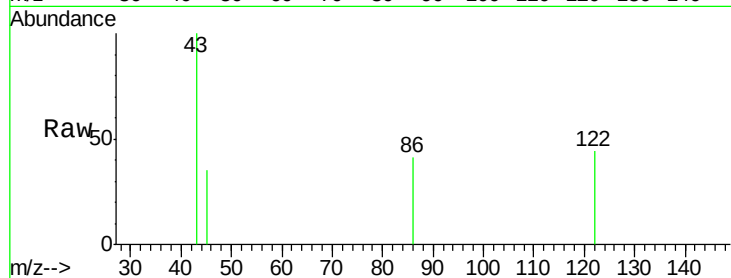
Tgt Ion:122 Resp: 130

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

77 0.0 85.7 125.7#



#33

4-Chloroaniline

Concen: 2.745 ng

RT: 11.71 min Scan# 1433

Delta R.T. -0.09 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

Tgt Ion:127 Resp: 11161

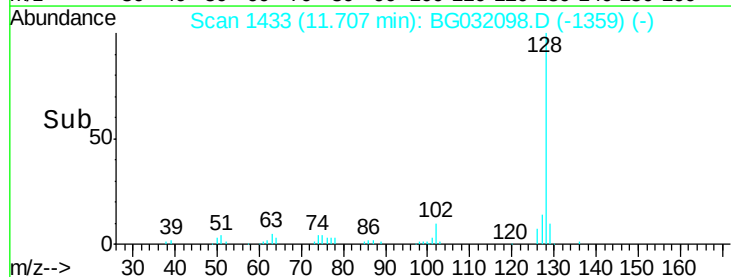
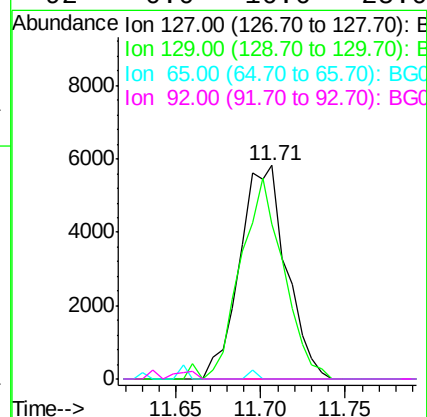
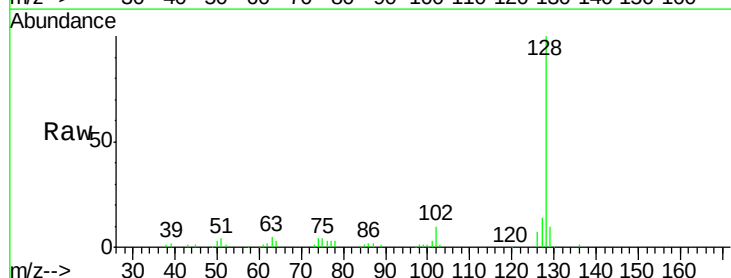
Ion Ratio Lower Upper

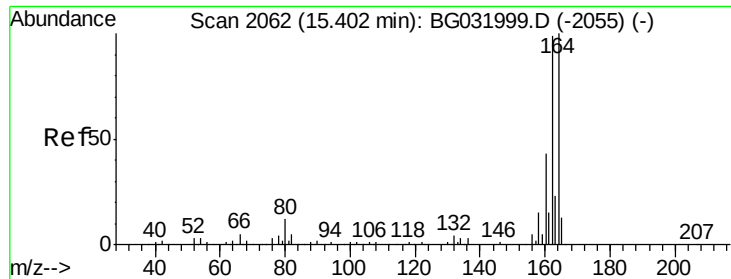
127 100

129 72.5 24.0 36.0#

65 0.0 27.0 40.4#

92 0.0 16.6 25.0#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

Instrument :

BNA_G

ClientSampleId :

EO-02-011218-C

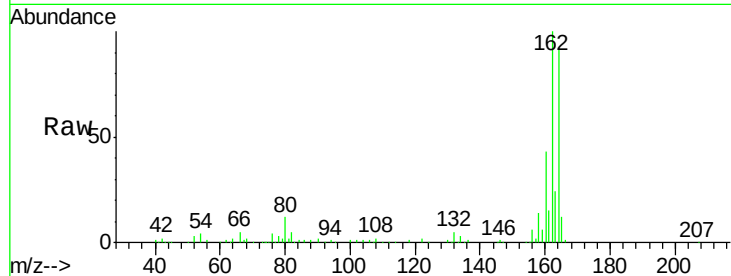
Tgt Ion:164 Resp: 124556

Ion Ratio Lower Upper

164 100

162 109.2 78.8 118.2

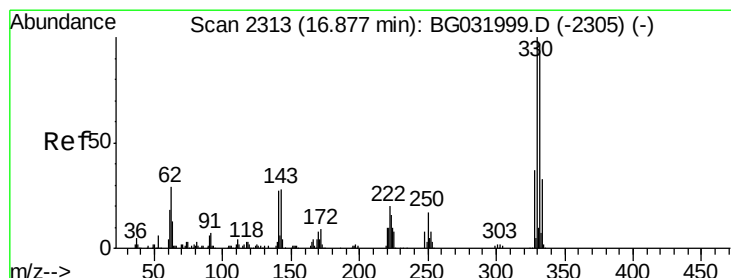
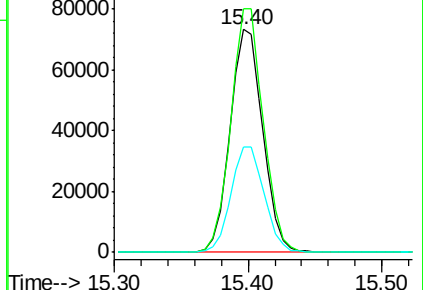
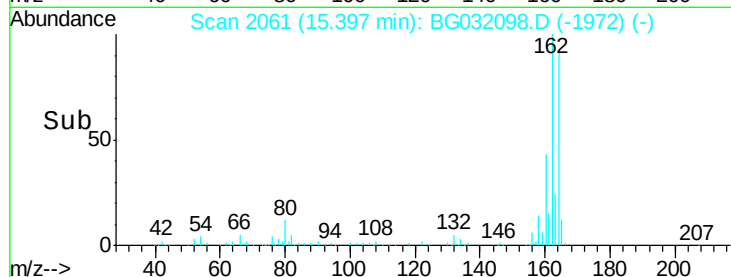
160 47.5 35.4 53.0



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: 152.565 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

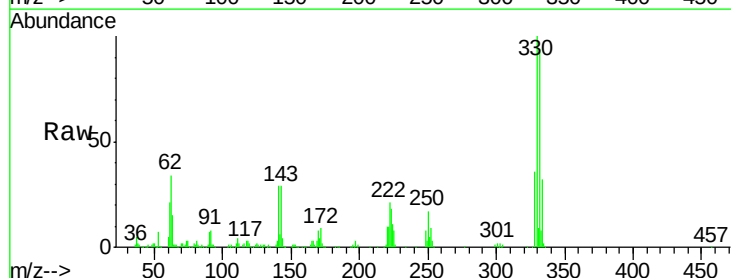
Tgt Ion:330 Resp: 314454

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

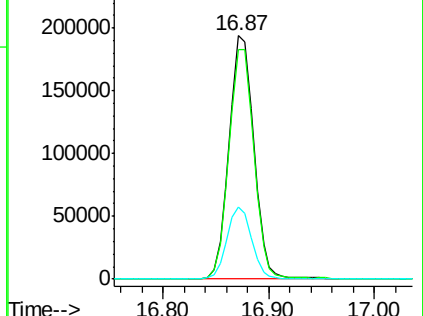
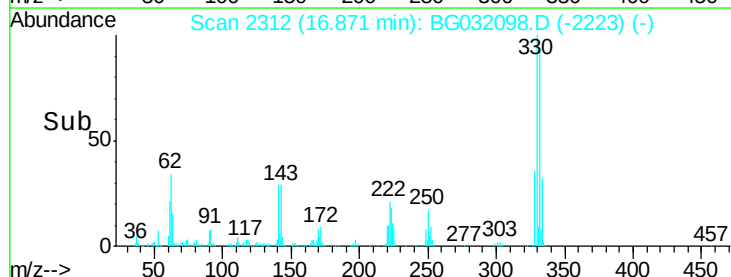
141 29.5 25.2 37.8

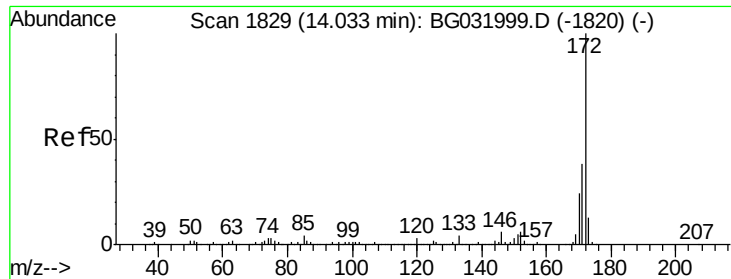


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

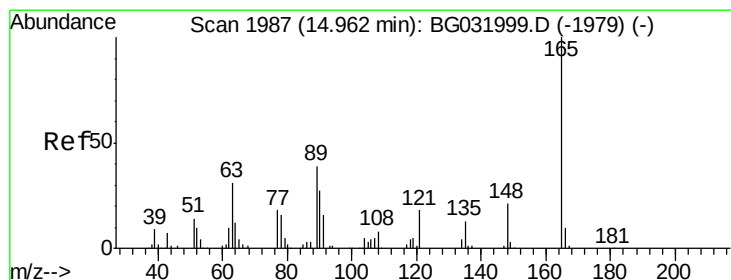
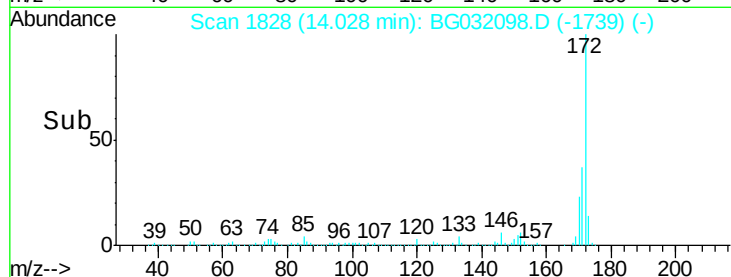
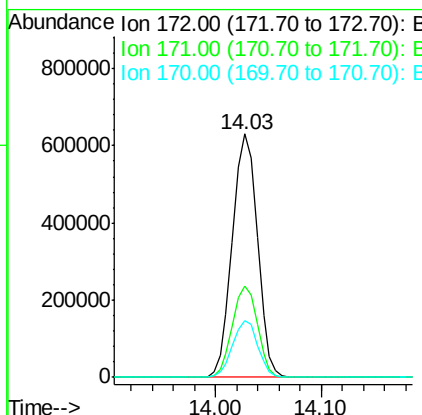
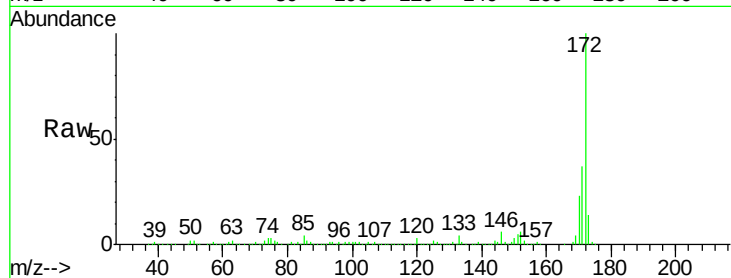




#44
 2-Fluorobiphenyl
 Concen: 103.228 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032098.D
 Acq: 17 Jan 2018 9:12

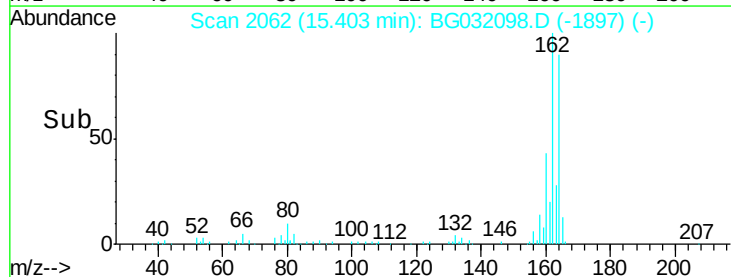
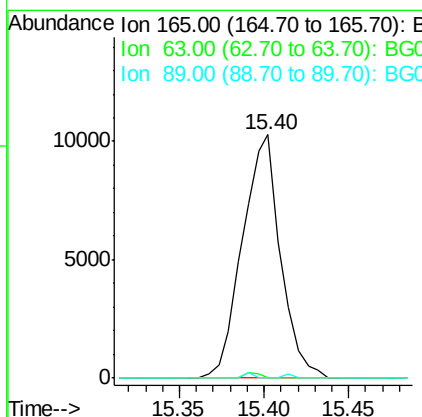
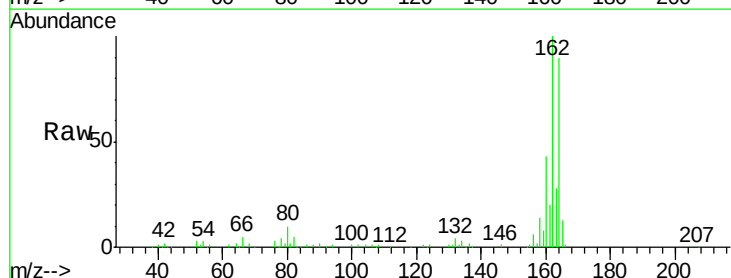
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-011218-C

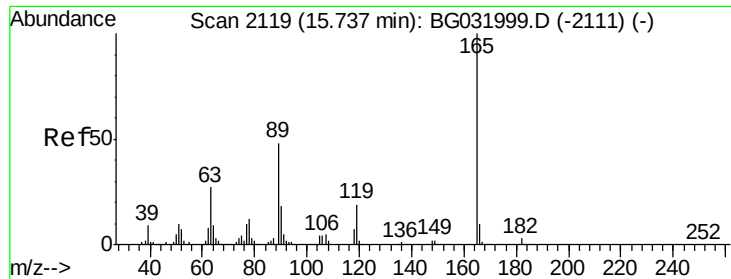
Tgt Ion:172 Resp: 1036947
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 23.4 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.107 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. 0.44 min
 Lab File: BG032098.D
 Acq: 17 Jan 2018 9:12

Tgt Ion:165 Resp: 16078
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

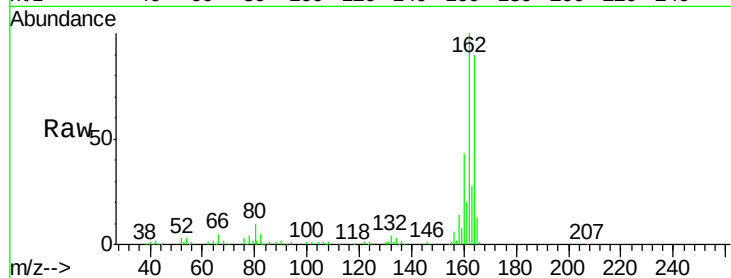




#56
 2,4-Dinitrotoluene
 Concen: 5.279 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.33 min
 Lab File: BG032098.D
 Acq: 17 Jan 2018 9:12

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-011218-C

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



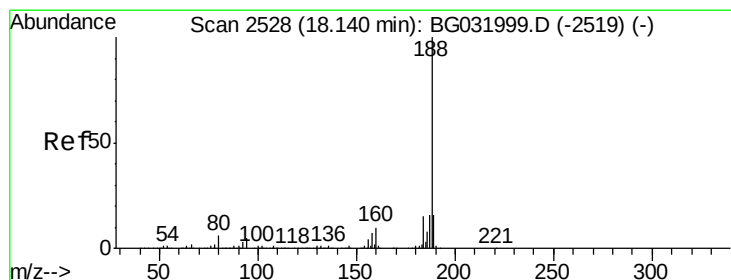
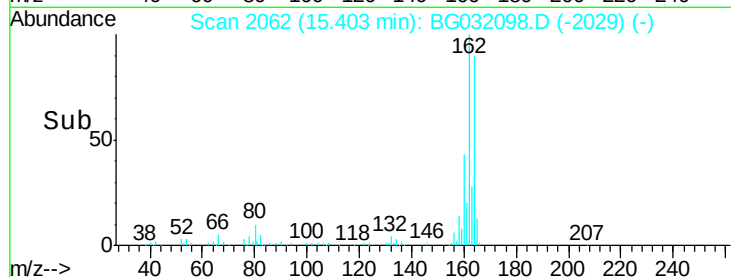
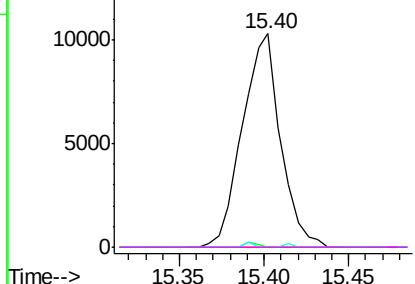
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

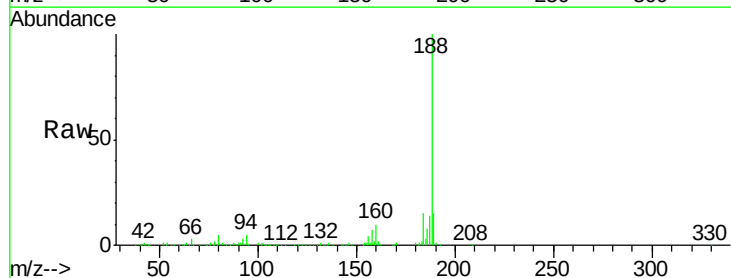
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG032098.D
 Acq: 17 Jan 2018 9:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	5.4	7.7	11.5#

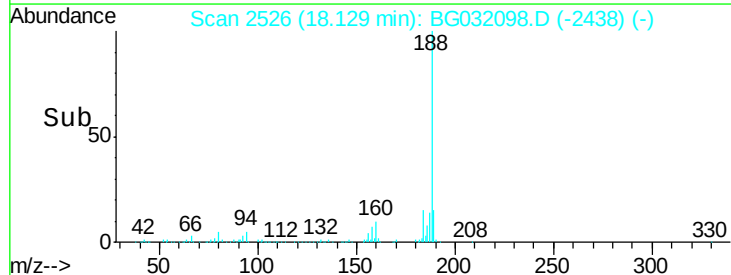
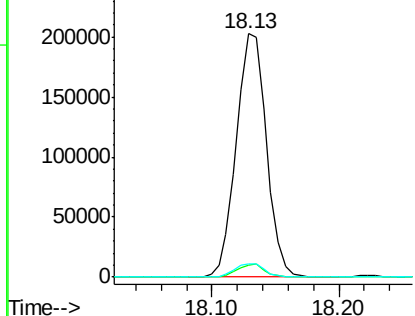


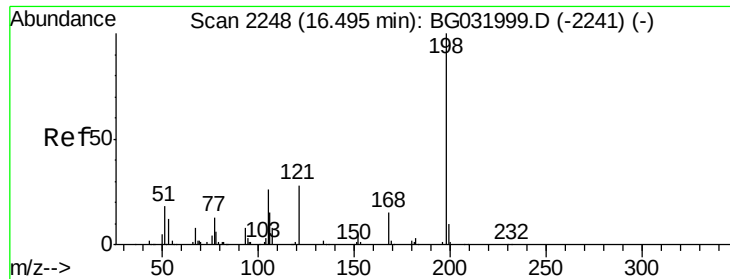
Abundance

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

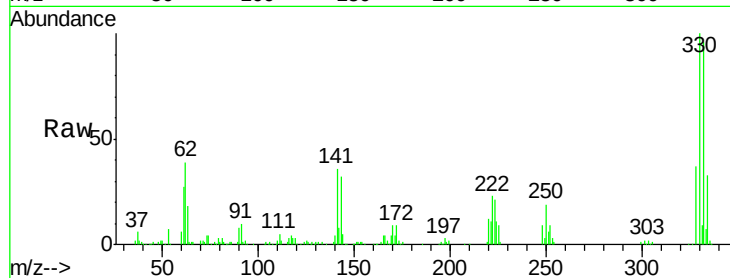




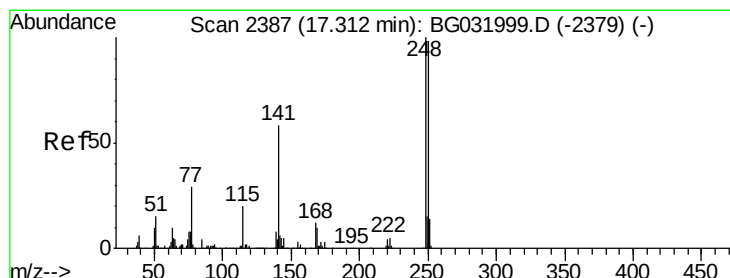
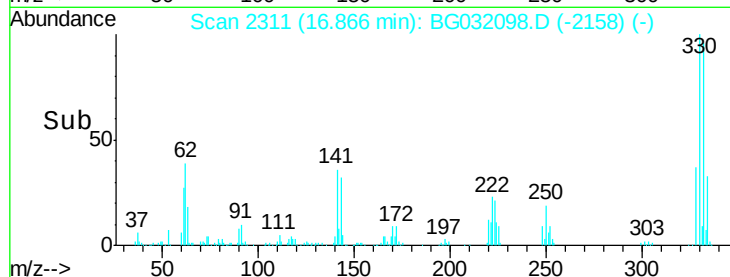
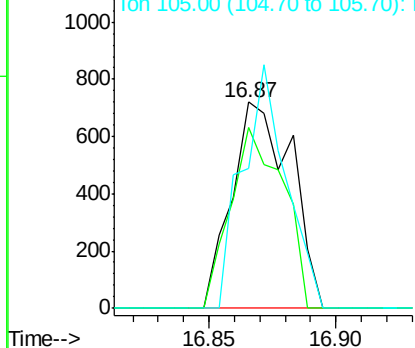
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.378 ng
 RT: 16.87 min Scan# 2311
 Delta R.T. 0.37 min
 Lab File: BG032098.D
 Acq: 17 Jan 2018 9:12

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-011218-C

Tgt Ion:198 Resp: 1177
 Ion Ratio Lower Upper
 198 100
 51 87.9 30.6 70.6#
 105 67.9 23.8 63.8#

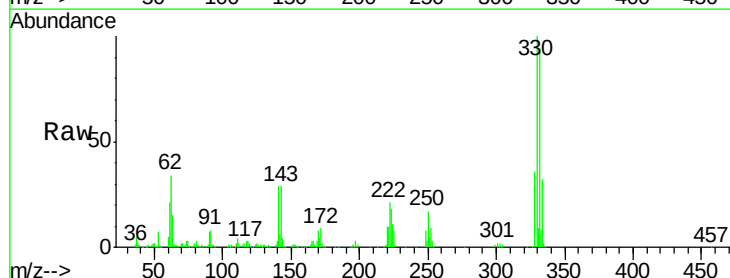


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

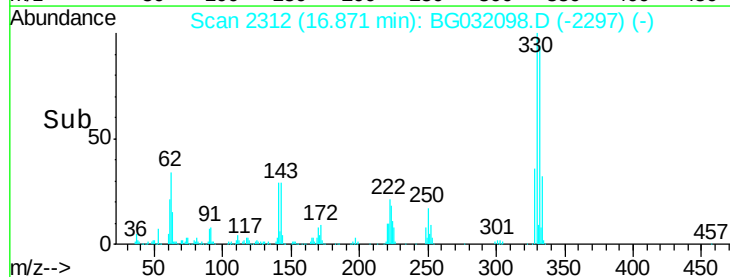
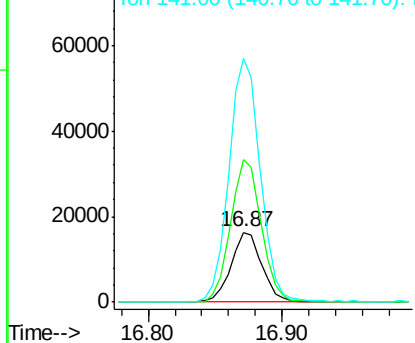


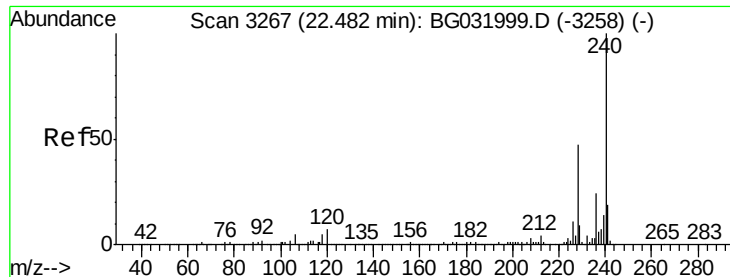
#66
 4-Bromophenyl-phenylether
 Concen: 5.510 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.44 min
 Lab File: BG032098.D
 Acq: 17 Jan 2018 9:12

Tgt Ion:248 Resp: 26235
 Ion Ratio Lower Upper
 248 100
 250 203.4 77.1 115.7#
 141 348.7 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: 22.47 min Scan# 3265

Delta R.T. -0.01 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

Instrument :

BNA_G

ClientSampleId :

EO-02-011218-C

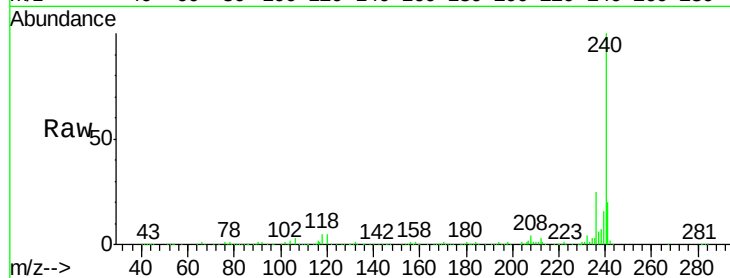
Tgt Ion:240 Resp: 419591

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

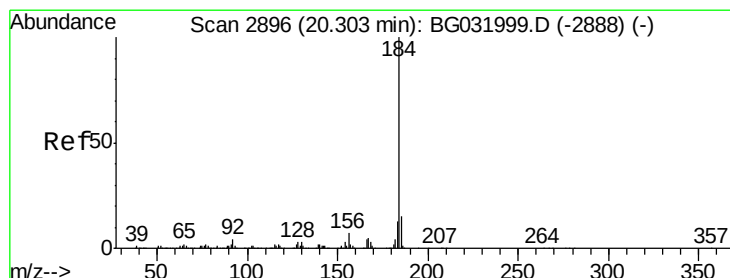
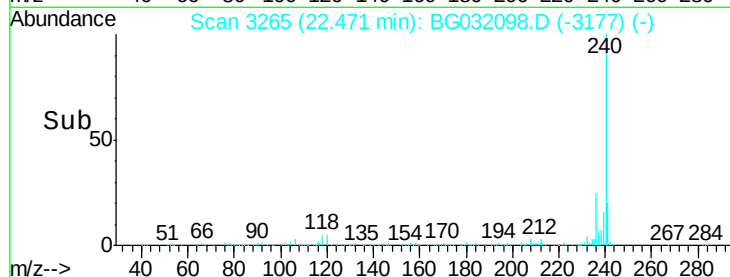
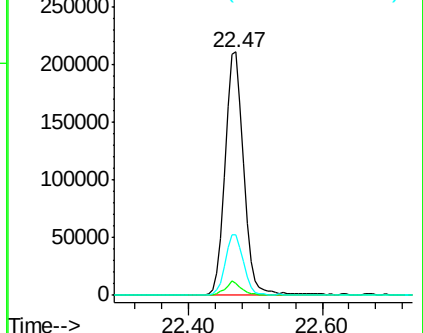
236 25.1 20.9 31.3



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: 2.806 ng

RT: 20.67 min Scan# 2958

Delta R.T. 0.36 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

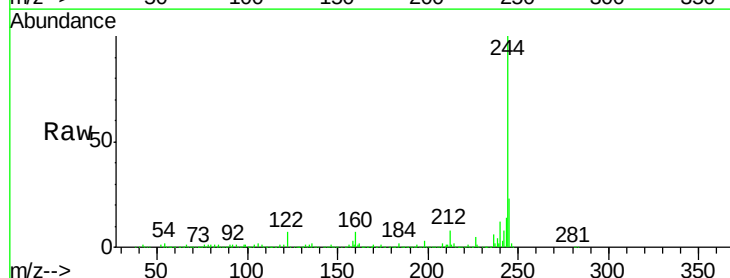
Tgt Ion:184 Resp: 29440

Ion Ratio Lower Upper

184 100

185 17.5 11.1 16.7#

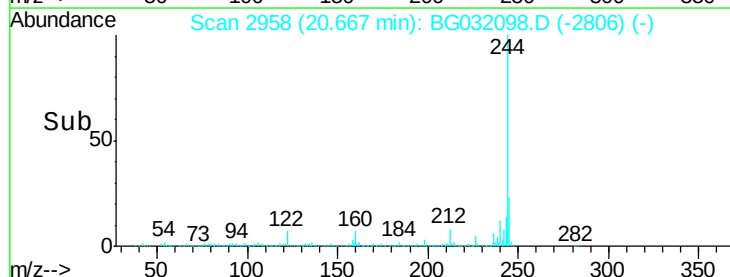
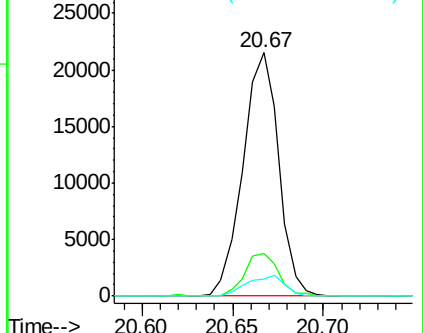
183 7.2 10.6 16.0#

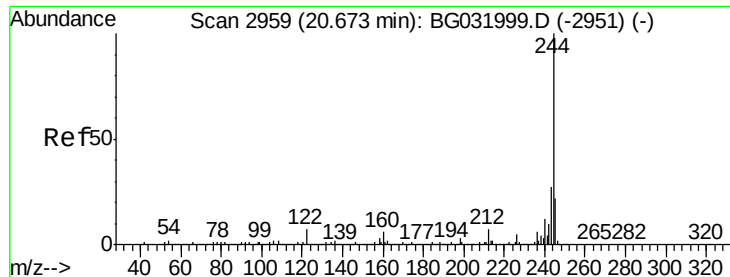


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 104.174 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.01 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

Instrument :

BNA_G

ClientSampleId :

EO-02-011218-C

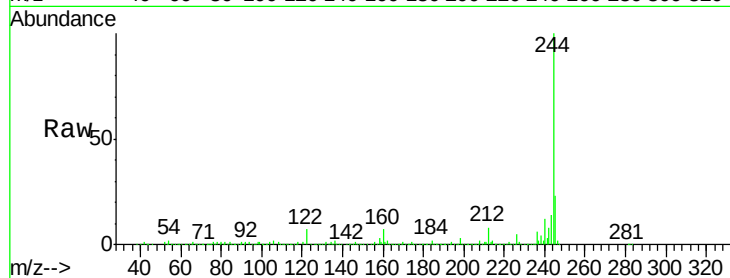
Tgt Ion:244 Resp: 1979606

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

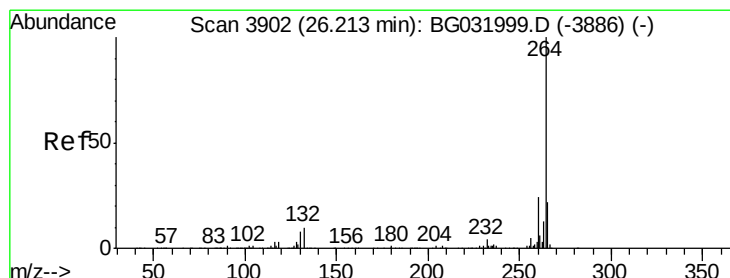
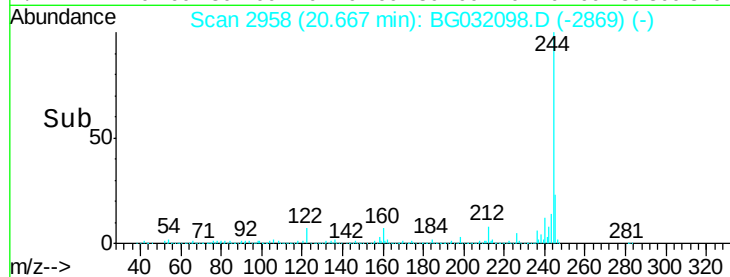
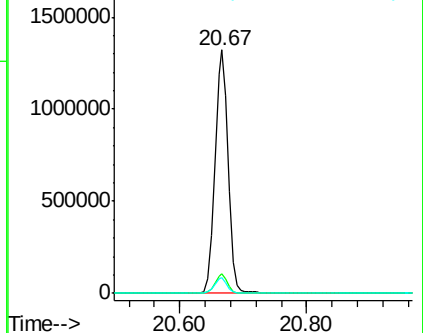
122 6.7 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.18 min Scan# 3897

Delta R.T. -0.03 min

Lab File: BG032098.D

Acq: 17 Jan 2018 9:12

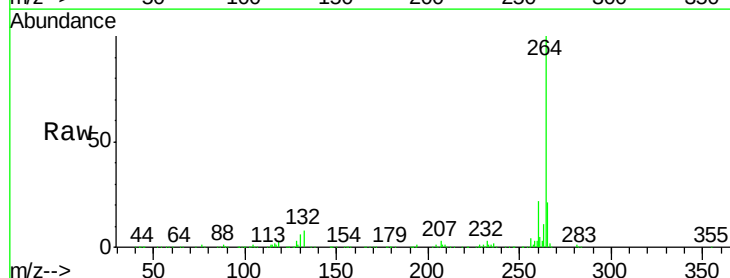
Tgt Ion:264 Resp: 413730

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 20.9 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

