

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034135.D
 Acq On : 3 May 2018 3:09
 Operator : SJ/JU
 Sample : PB108811BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 03 04:50:48 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

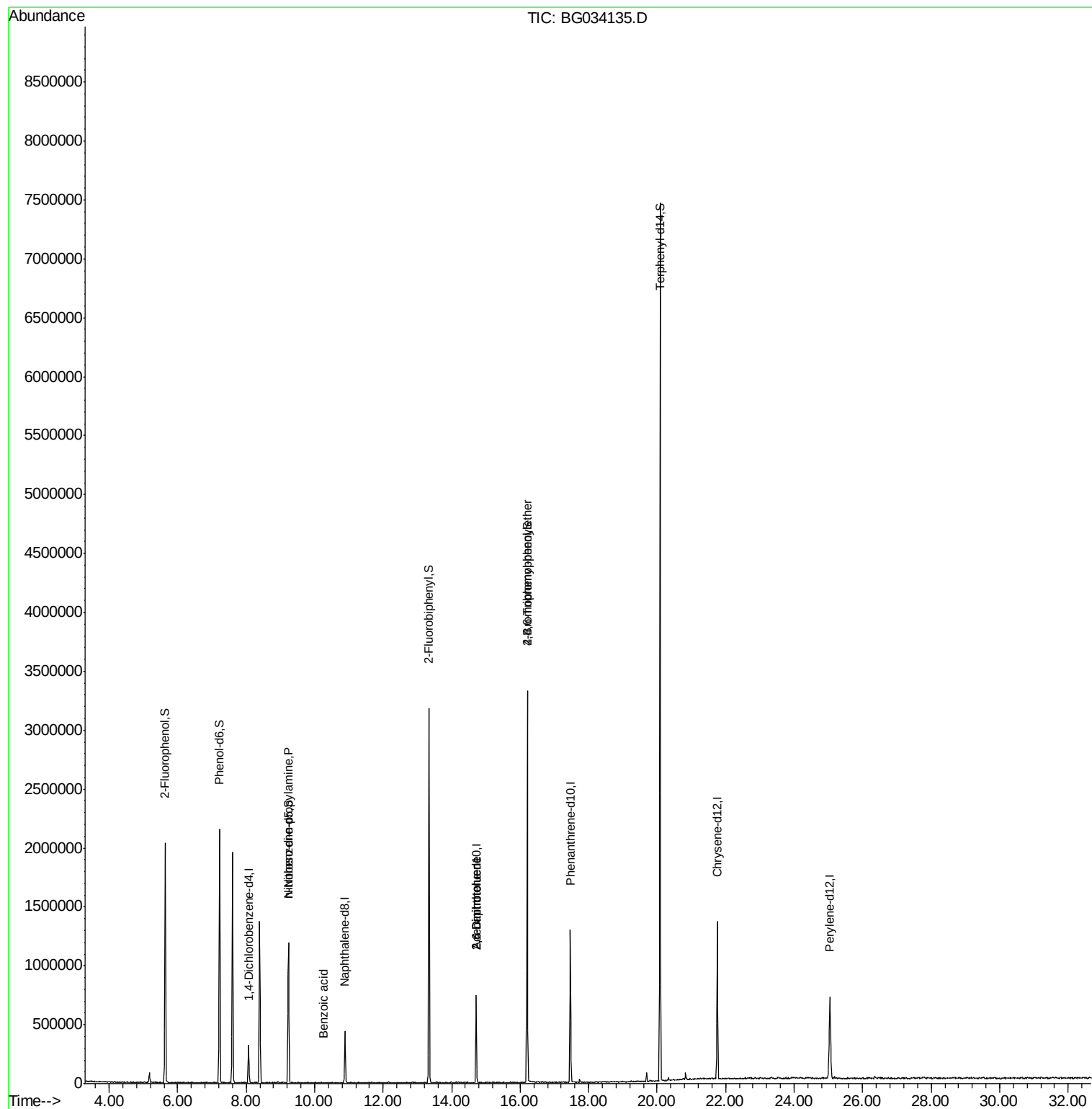
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	76899	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	316082	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	250703	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	763051	20.00	ng	0.00
75) Chrysene-d12	21.76	240	801052	20.00	ng	-0.01
86) Perylene-d12	25.04	264	773023	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	723374	151.98	ng	0.00
7) Phenol-d6	7.22	99	1065608	143.81	ng	0.00
23) Nitrobenzene-d5	9.24	82	752689	91.37	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	516049	148.65	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1575849	91.59	ng	-0.01
78) Terphenyl-d14	20.08	244	3187568	87.17	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.22	77	3167	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	9.23	70	113411	17.04	ng	# 77
32) Benzoic acid	10.25	122	77	3.14	ng	# 1
50) 2,6-Dinitrotoluene	14.71	165	31605	7.57	ng	# 21
56) 2,4-Dinitrotoluene	14.71	165	31605	5.57	ng	# 19
66) 4-Bromophenyl-phenylether	16.20	248	48122	5.08	ng	# 1

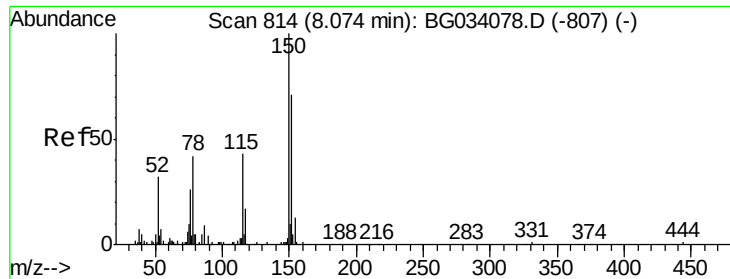
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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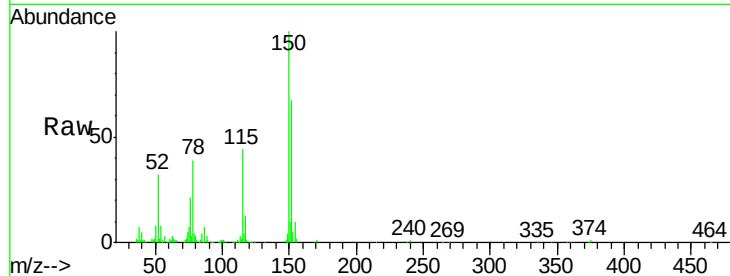


#1

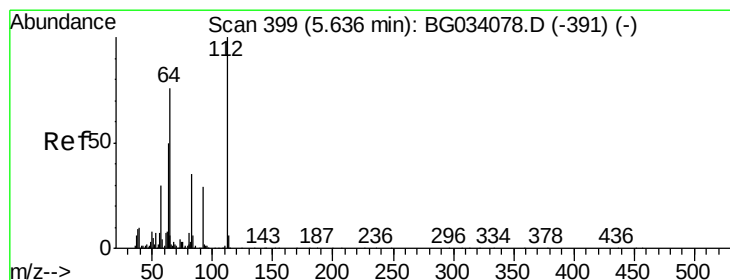
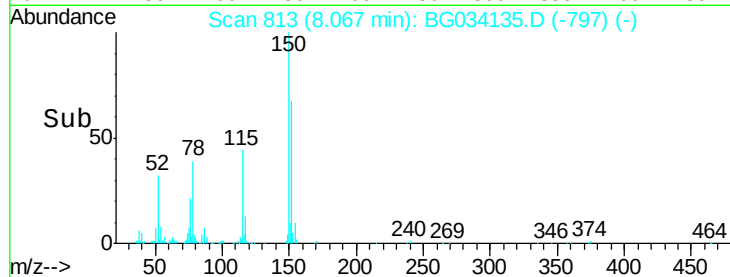
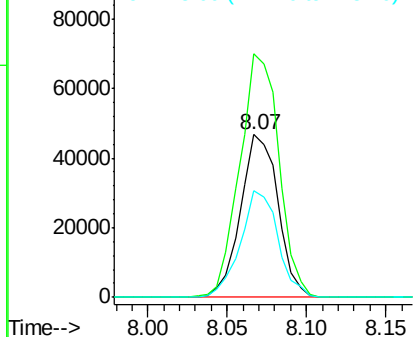
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG034135.D
Acq: 3 May 2018 3:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	126.6	189.8
115	66.1	53.0	79.4



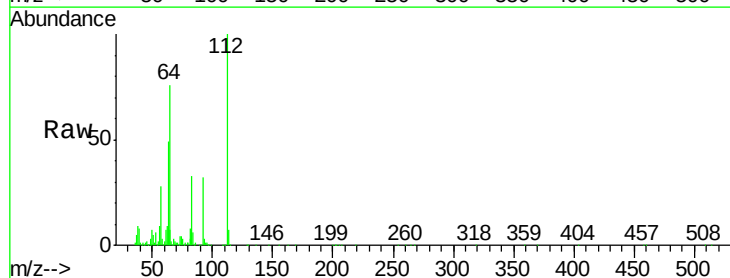
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



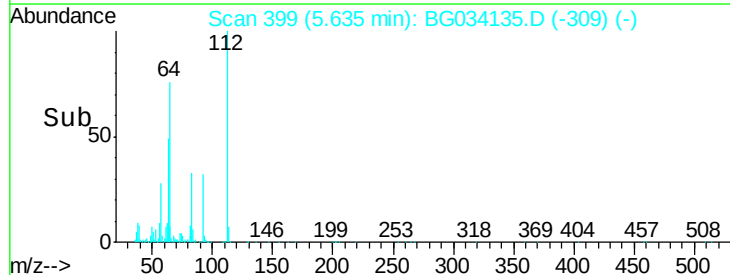
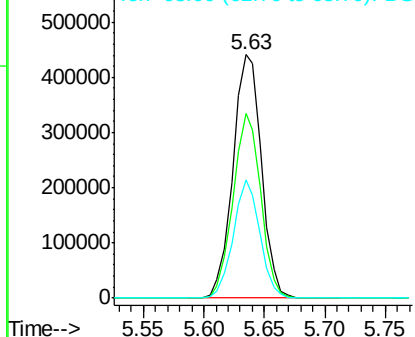
#5

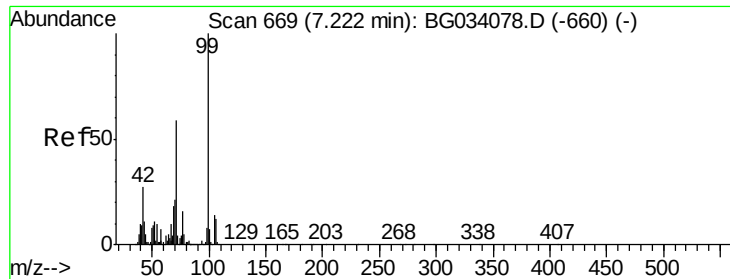
2-Fluorophenol
Concen: 151.98 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG034135.D
Acq: 3 May 2018 3:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.0	56.3	84.5
63	48.7	30.1	45.1



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: 143.81 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034135.D

Acq: 3 May 2018 3:09

Instrument :

BNA_G

ClientSampleId :

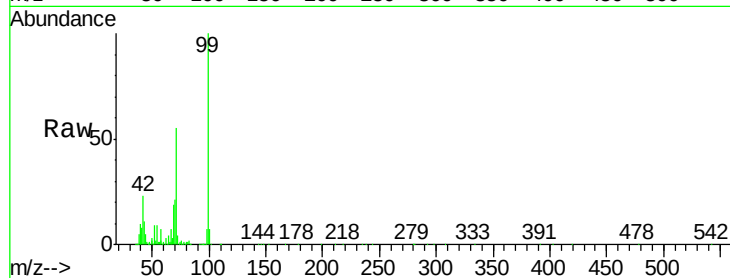
Tot Ion: 99 Resp: 1065608

Ion Ratio Lower Upper

99 100

42 23.1 14.1 21.1#

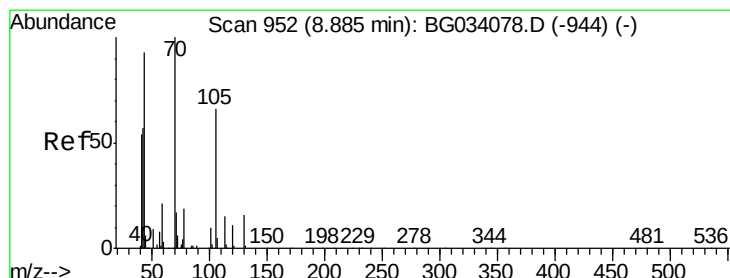
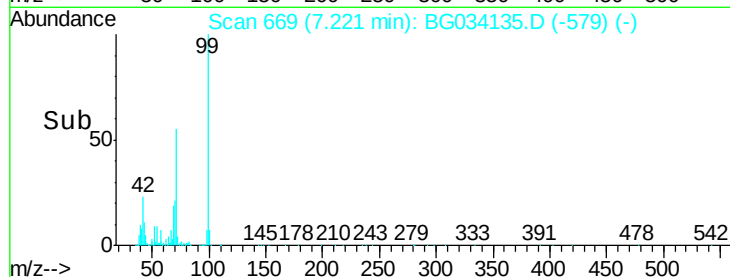
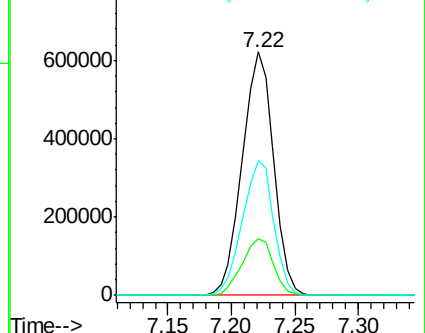
71 55.5 26.1 39.1#



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.04 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG034135.D

Acq: 3 May 2018 3:09

Tgt Ion: 70 Resp: 113411

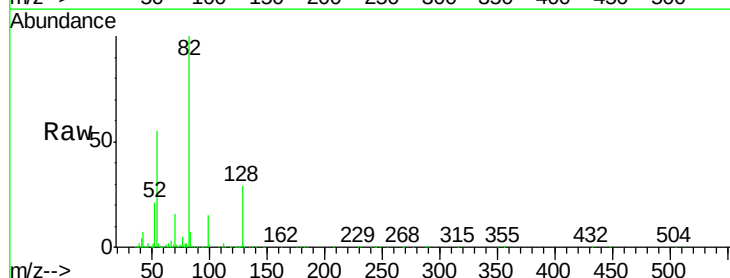
Ion Ratio Lower Upper

70 100

42 47.4 49.1 73.7#

101 0.0 8.5 12.7#

130 0.9 13.4 20.0#

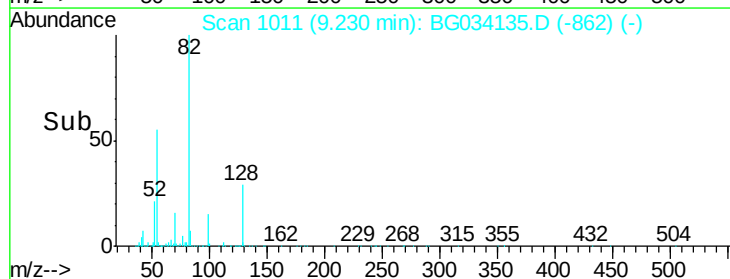
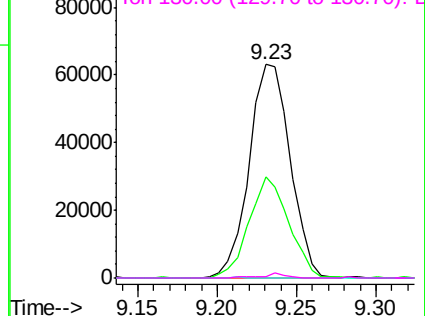


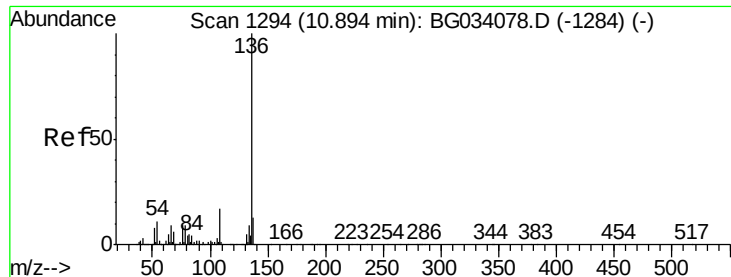
Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 20.00 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034135.D

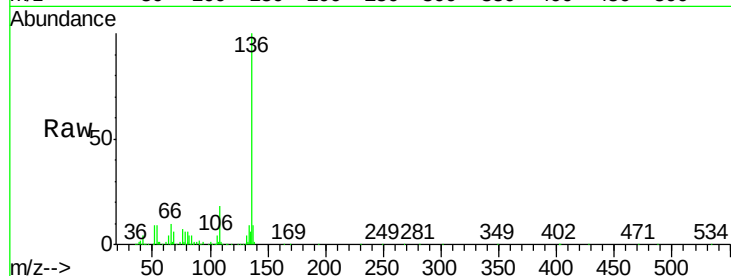
Acq: 3 May 2018 3:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	136	Resp:	316082
Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.2	13.8
54	9.0	10.3	15.5#
68	6.2	4.5	6.7

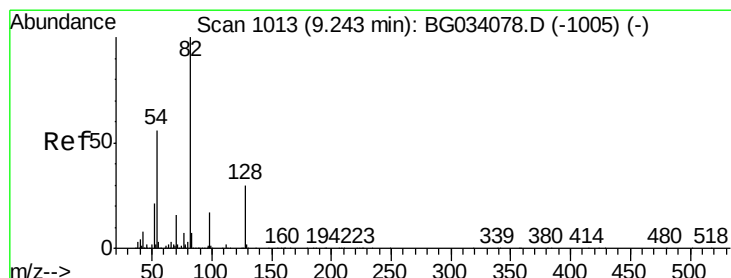
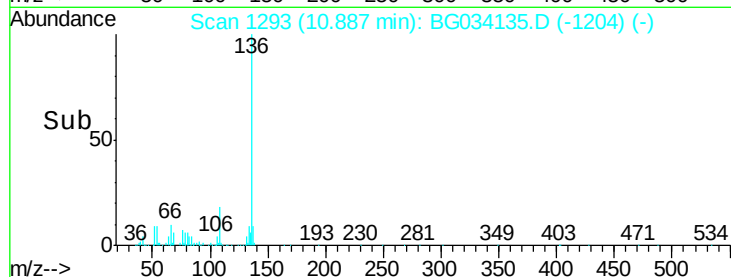
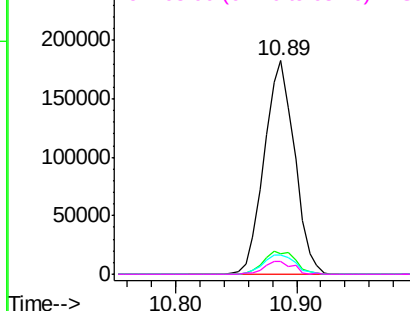


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.37 ng

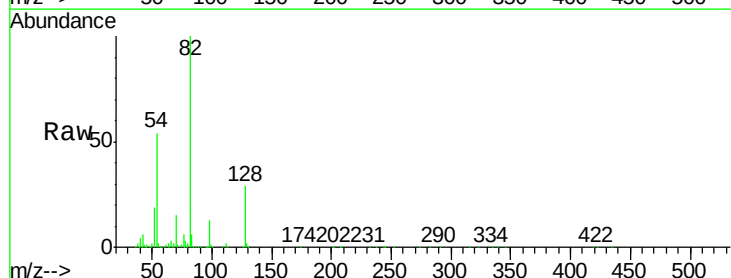
RT: 9.24 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG034135.D

Acq: 3 May 2018 3:09

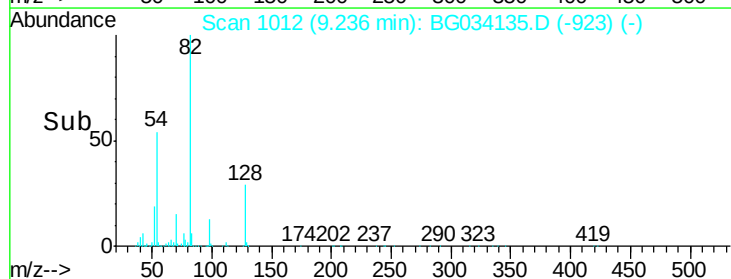
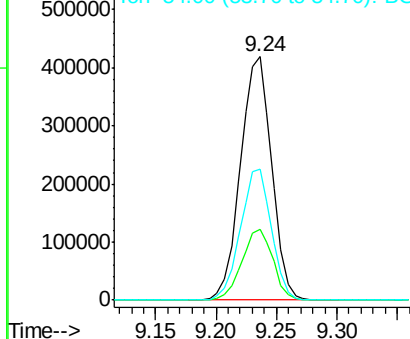
Tgt Ion:	82	Resp:	752689
Ion	Ratio	Lower	Upper
82	100		
128	29.1	29.7	44.5#
54	54.0	43.1	64.7

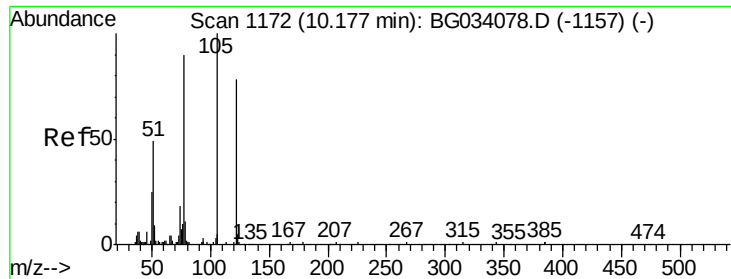


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 3.14 ng

RT: 10.25 min Scan# 1185

Delta R.T. 0.08 min

Lab File: BG034135.D

Acq: 3 May 2018 3:09

Instrument :

BNA_G

ClientSampled :

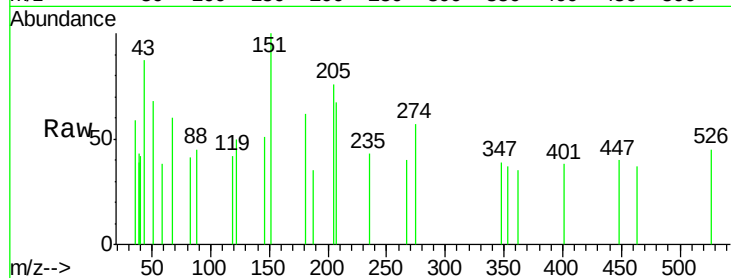
Tot Ion:122 Resp: 77

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

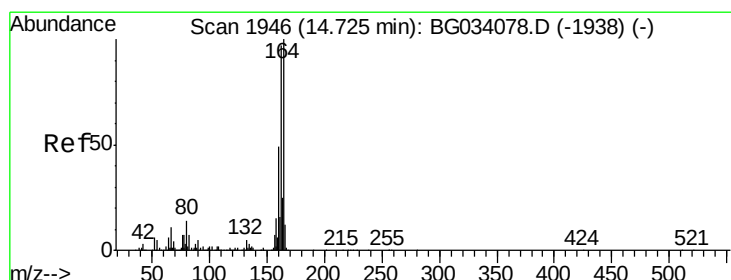
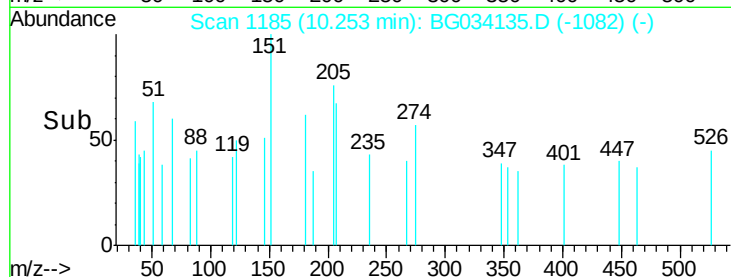
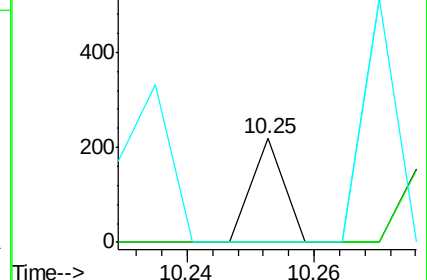
77 0.0 85.7 125.7#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG034135.D

Acq: 3 May 2018 3:09

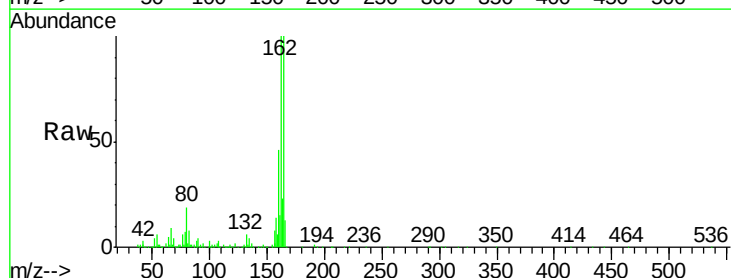
Tgt Ion:164 Resp: 250703

Ion Ratio Lower Upper

164 100

162 100.4 78.8 118.2

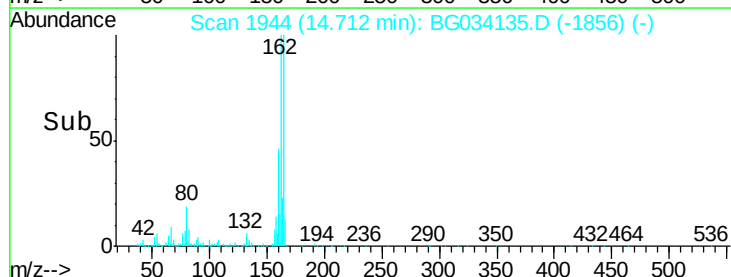
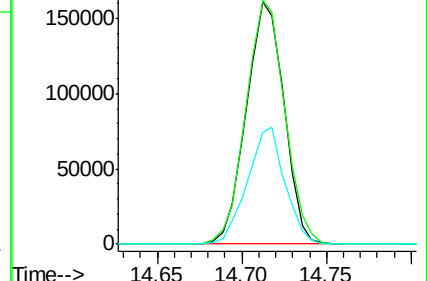
160 46.0 35.4 53.0

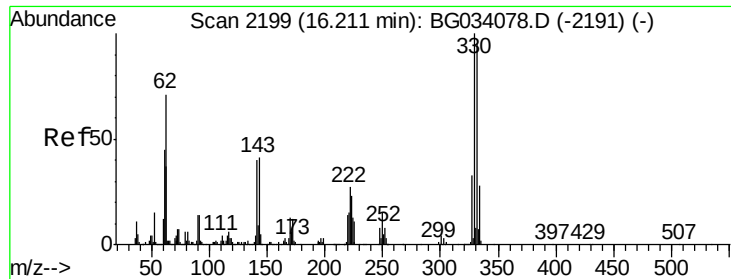


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

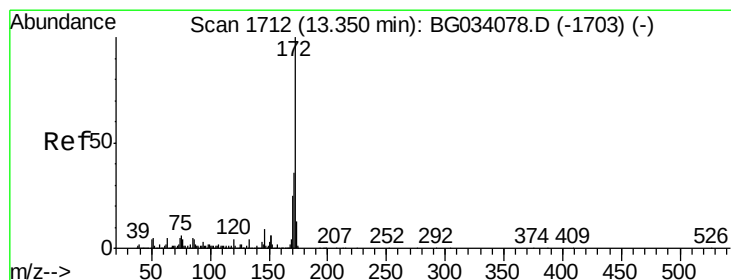
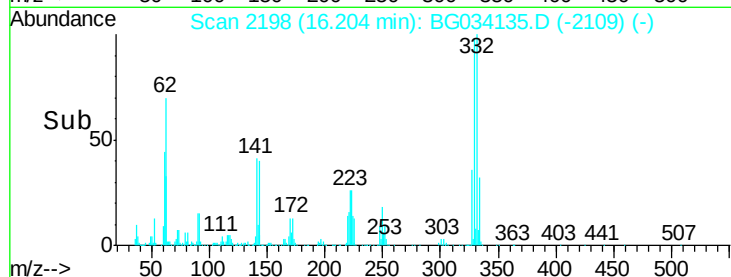
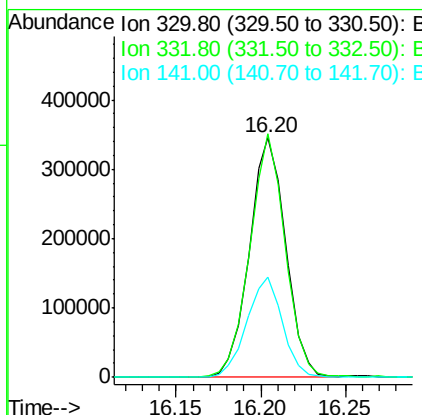
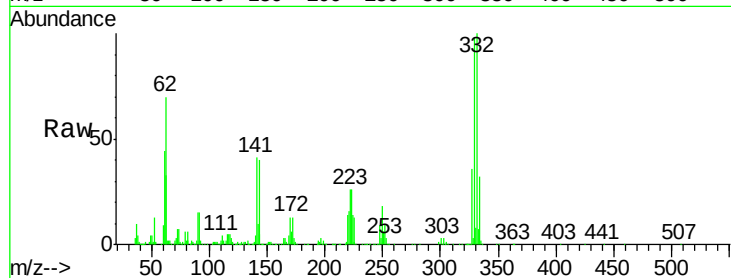




#41
 2,4,6-Tribromophenol
 Concen: 148.65 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034135.D
 Acq: 3 May 2018 3:09

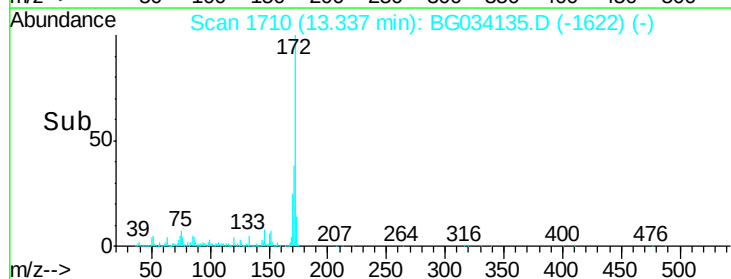
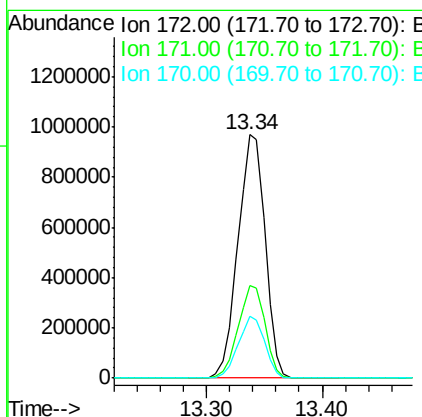
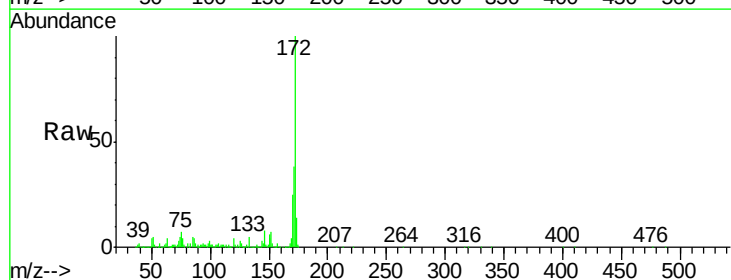
Instrument :
 BNA_G
 ClientSampleId :

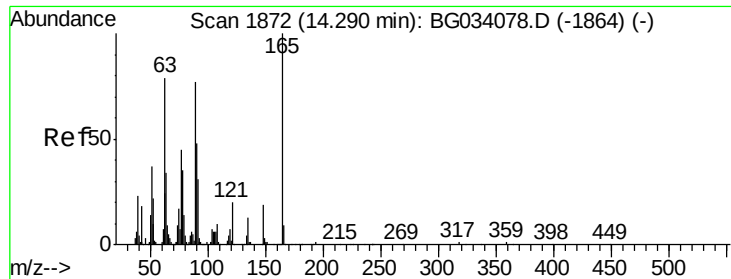
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	41.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 91.59 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG034135.D
 Acq: 3 May 2018 3:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.3	19.5	29.3

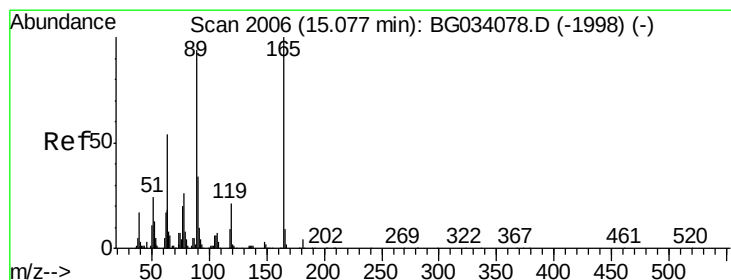
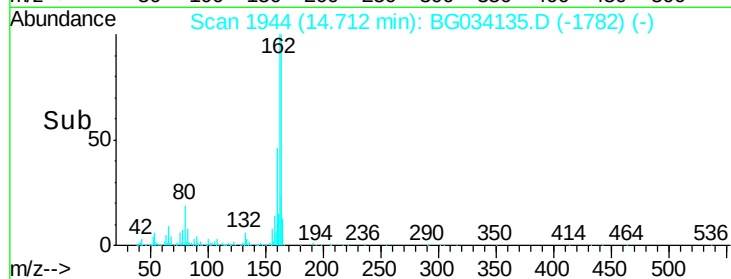
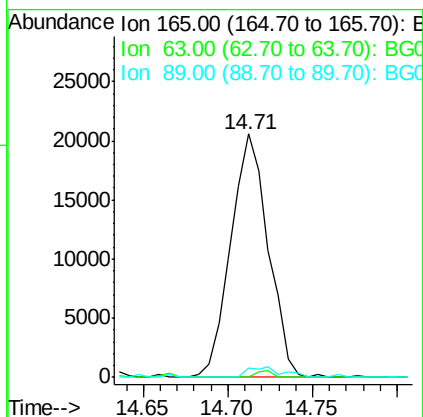
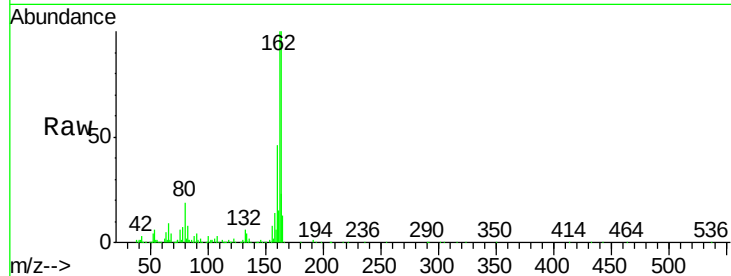




#50
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 14.71 min Scan# 1944
Delta R.T. 0.42 min
Lab File: BG034135.D
Acq: 3 May 2018 3:09

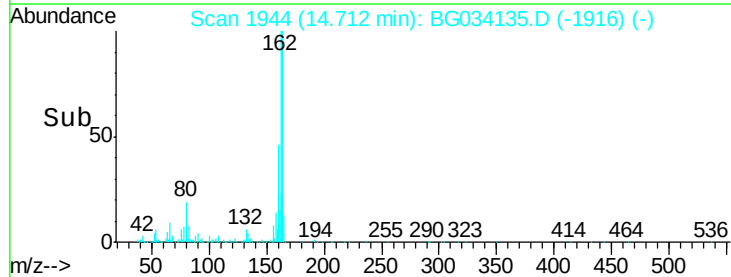
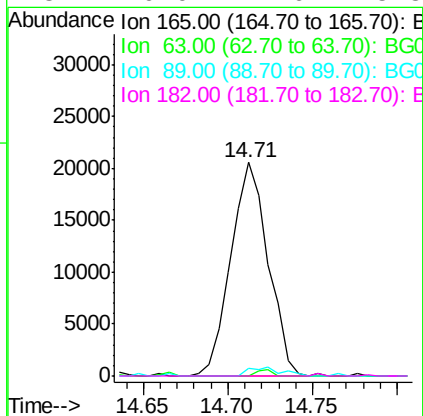
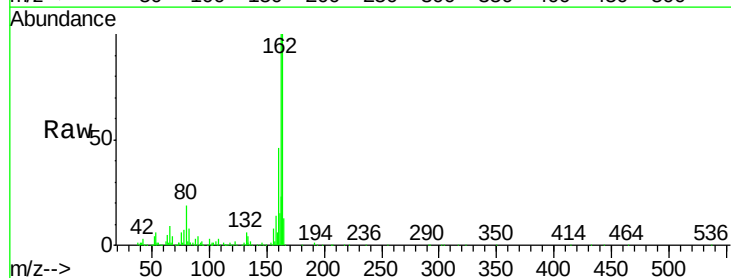
Instrument :
BNA_G
ClientSampleId :

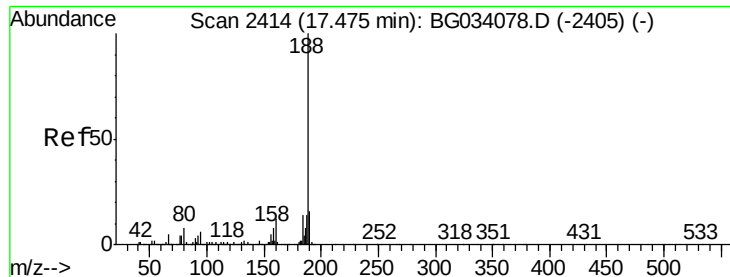
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	3.6	49.2	73.8#



#56
2,4-Dinitrotoluene
Concen: 5.57 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.37 min
Lab File: BG034135.D
Acq: 3 May 2018 3:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.6	66.9	100.3#
182	0.0	2.6	3.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034135.D

Acq: 3 May 2018 3:09

Instrument :

BNA_G

ClientSampleId :

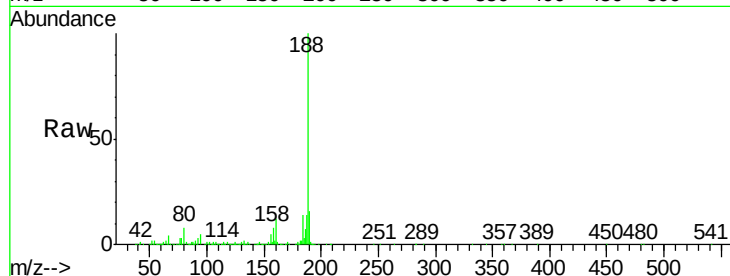
Tot Ion:188 Resp: 763051

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

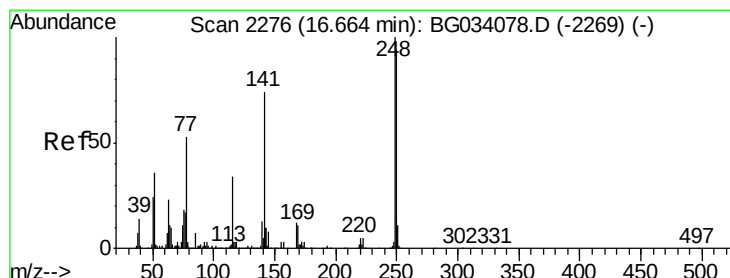
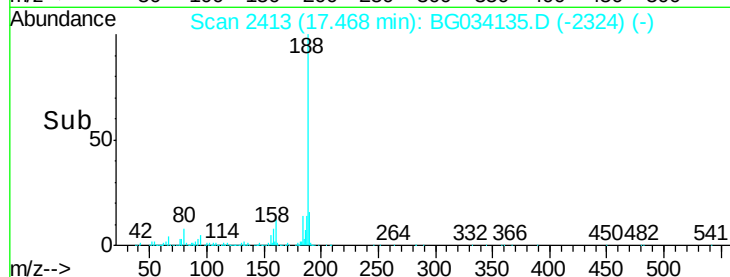
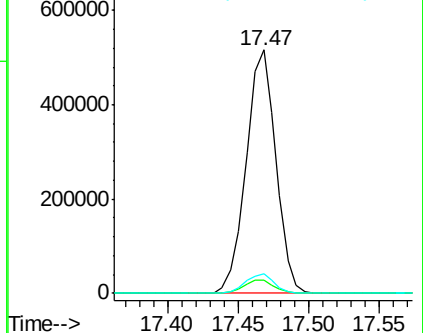
80 8.1 7.7 11.5



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: 5.08 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.46 min

Lab File: BG034135.D

Acq: 3 May 2018 3:09

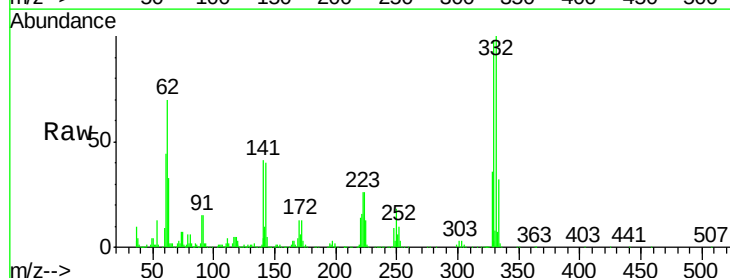
Tgt Ion:248 Resp: 48122

Ion Ratio Lower Upper

248 100

250 190.4 77.1 115.7#

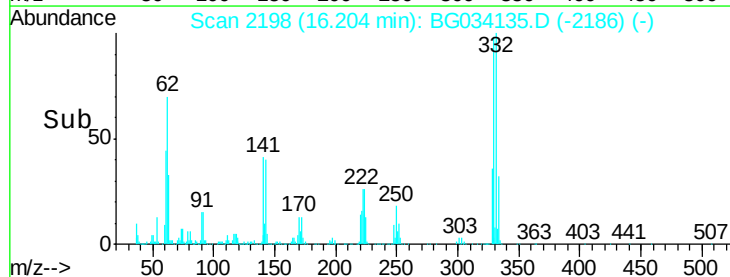
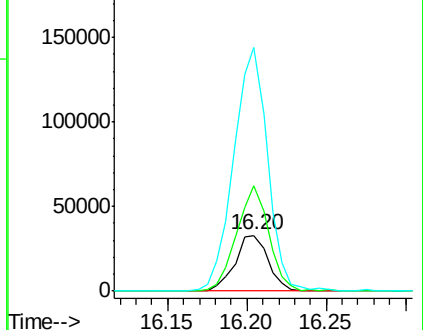
141 439.3 50.8 76.2#

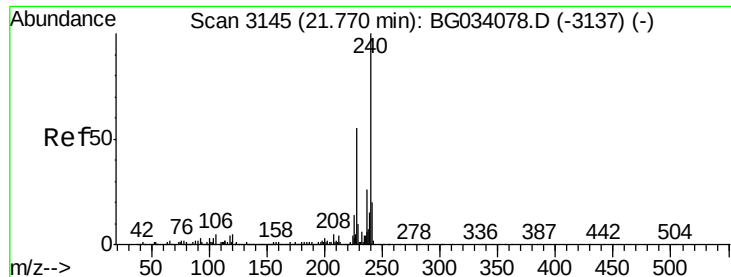


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG034135.D

Acq: 3 May 2018 3:09

Instrument :

BNA_G

ClientSampleId :

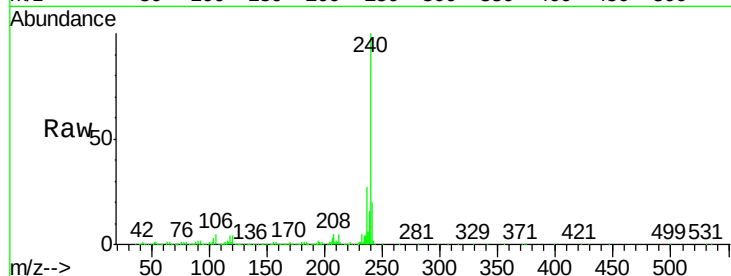
Tot Ion:240 Resp: 801052

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

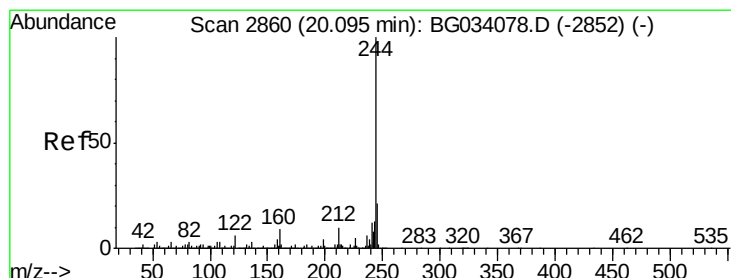
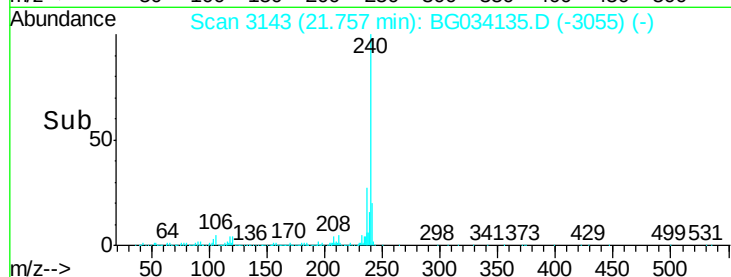
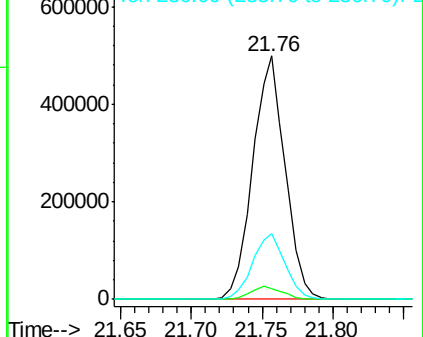
236 26.9 20.9 31.3



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



#78

Terphenyl-d14

Concen: 87.17 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG034135.D

Acq: 3 May 2018 3:09

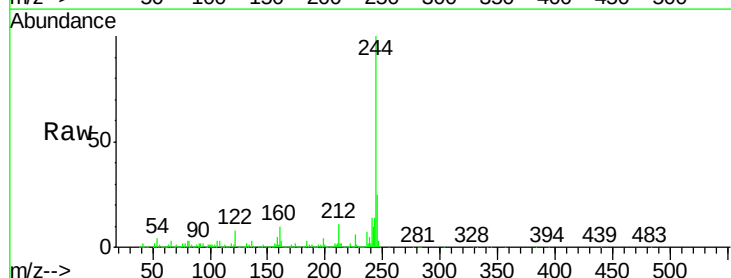
Tgt Ion:244 Resp: 3187568

Ion Ratio Lower Upper

244 100

212 11.3 5.8 8.8#

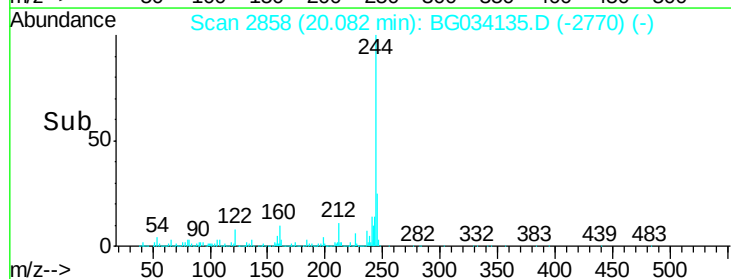
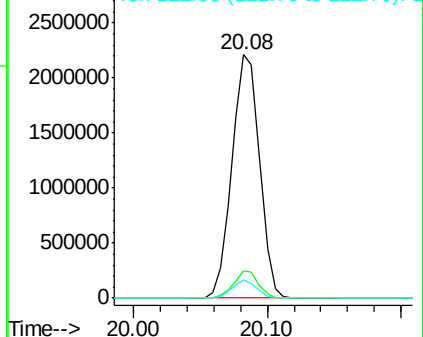
122 7.7 7.0 10.4

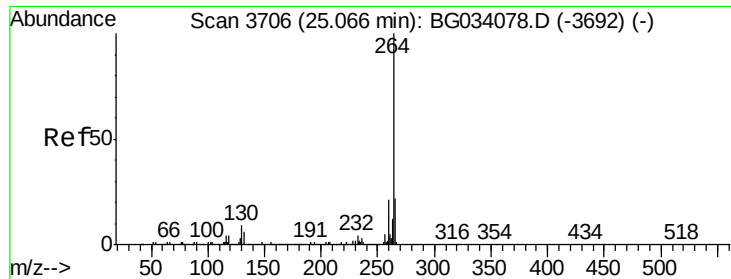


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

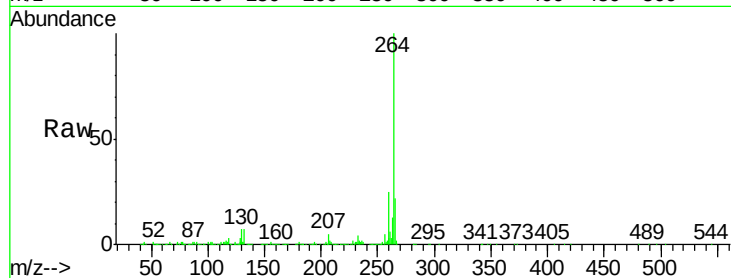




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.02 min
Lab File: BG034135.D
Acq: 3 May 2018 3:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	21.7	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

