

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034130.D
 Acq On : 2 May 2018 23:58
 Operator : SJ/JU
 Sample : J2646-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 03 04:49:03 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

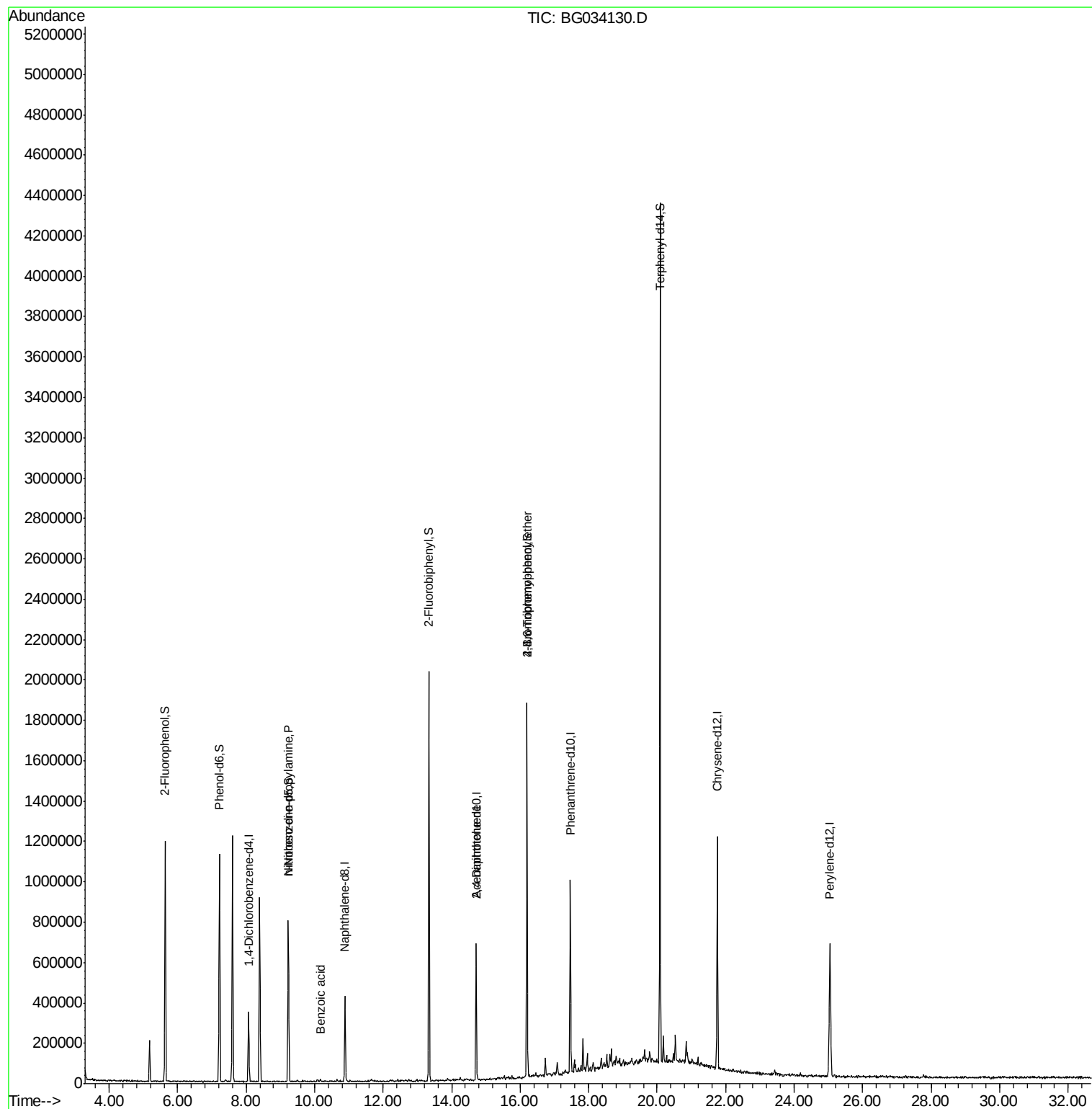
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	80091	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	316592	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	233627	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	577136	20.00	ng	0.00
75) Chrysene-d12	21.76	240	710666	20.00	ng	-0.01
86) Perylene-d12	25.04	264	718279	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	432854	87.32	ng	0.00
7) Phenol-d6	7.22	99	571859	74.10	ng	0.00
23) Nitrobenzene-d5	9.23	82	490251	59.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	290187	89.70	ng	-0.01
44) 2-Fluorobiphenyl	13.34	172	962063	60.00	ng	-0.01
78) Terphenyl-d14	20.08	244	1841059	56.75	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.23	77	2239	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	9.23	70	75682	10.92	ng	# 77
32) Benzoic acid	10.17	122	183	3.16	ng	# 1
56) 2,4-Dinitrotoluene	14.71	165	28183	5.33	ng	# 20
66) 4-Bromophenyl-phenylether	16.20	248	26027	3.63	ng	# 1

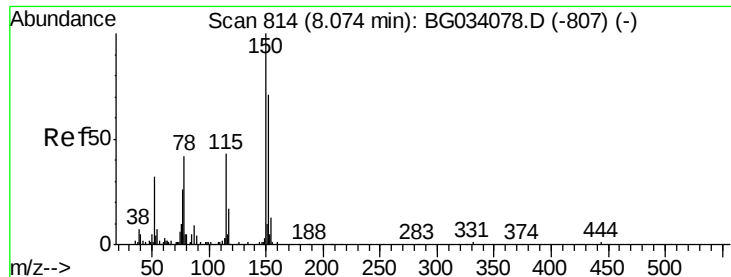
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG034130.D

Acq: 2 May 2018 23:58

Instrument :

BNA_G

ClientSampleId :

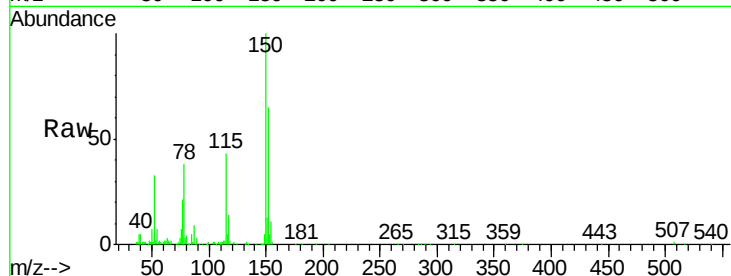
Tot Ion:152 Resp: 80091

Ion Ratio Lower Upper

152 100

150 154.5 126.6 189.8

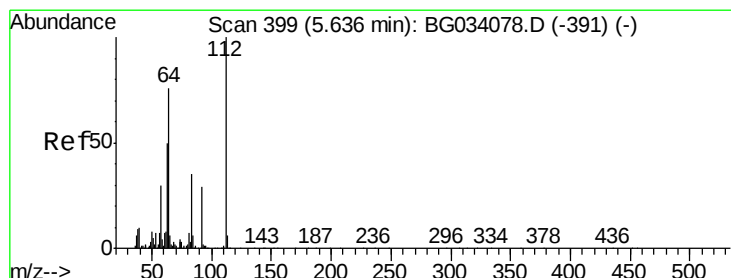
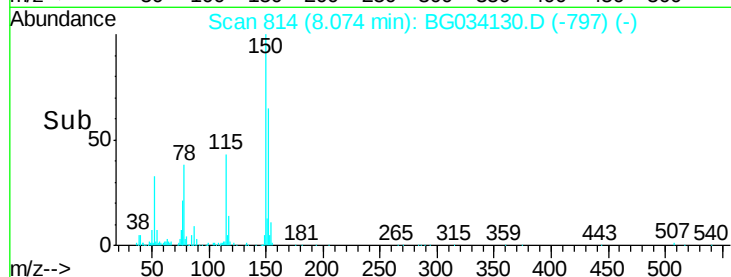
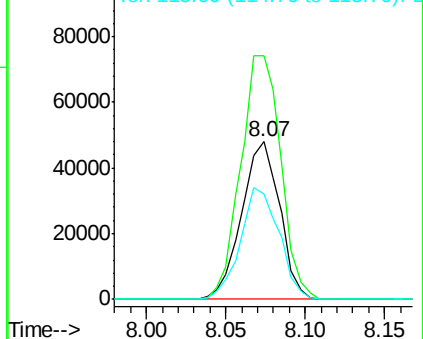
115 66.9 53.0 79.4



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: 87.32 ng

RT: 5.64 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG034130.D

Acq: 2 May 2018 23:58

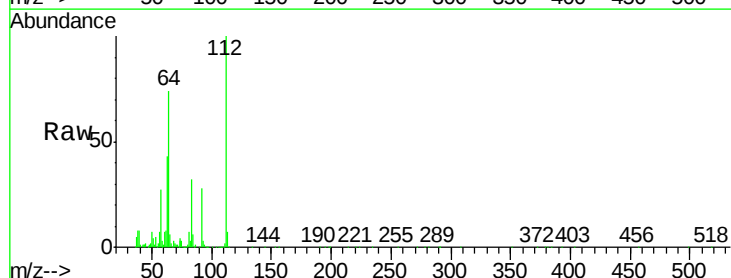
Tgt Ion:112 Resp: 432854

Ion Ratio Lower Upper

112 100

64 73.5 56.3 84.5

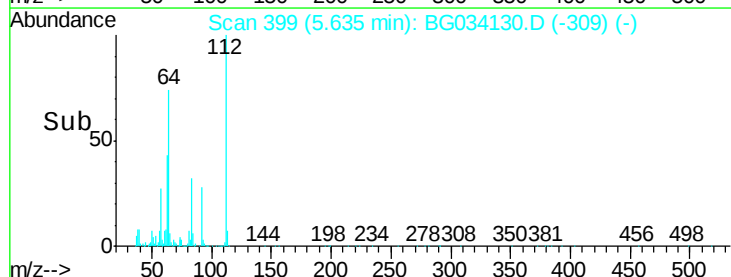
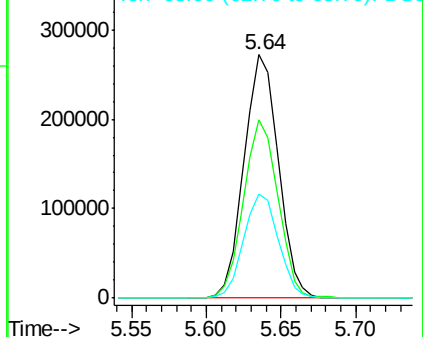
63 42.6 30.1 45.1

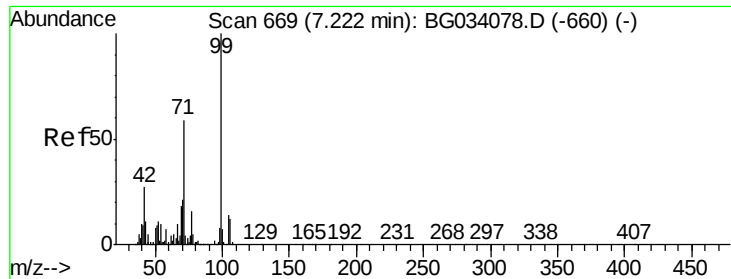


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 74.10 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034130.D

Acq: 2 May 2018 23:58

Instrument :

BNA_G

ClientSampleId :

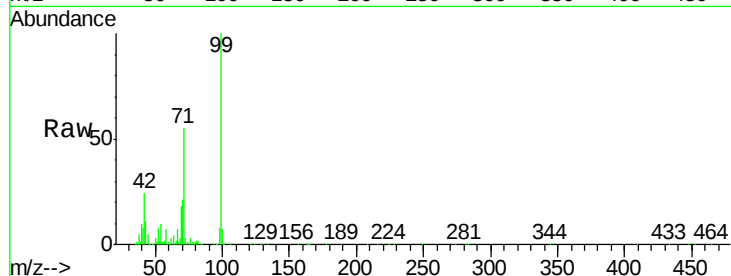
Tot Ion: 99 Resp: 571859

Ion Ratio Lower Upper

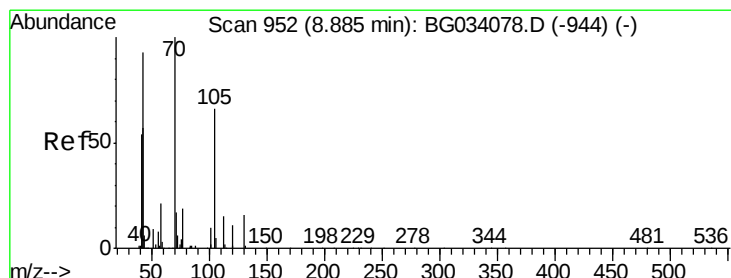
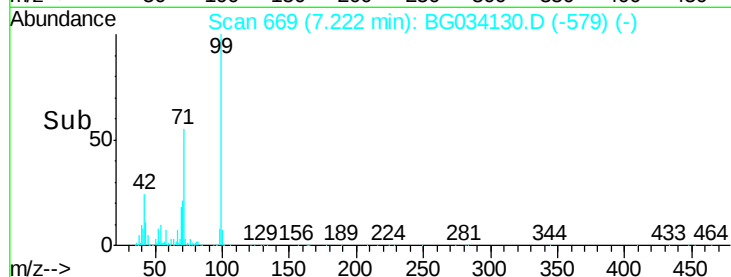
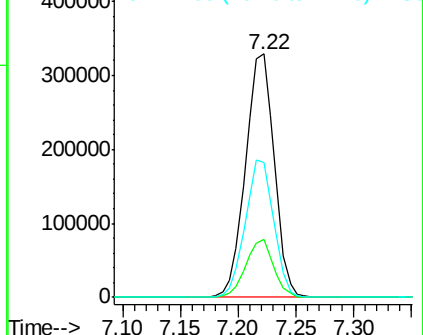
99 100

42 24.0 14.1 21.1#

71 55.1 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: 10.92 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG034130.D

Acq: 2 May 2018 23:58

Tgt Ion: 70 Resp: 75682

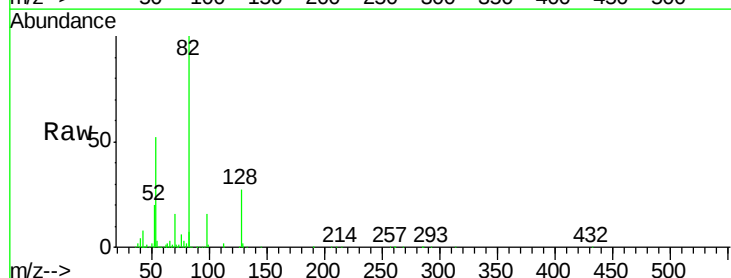
Ion Ratio Lower Upper

70 100

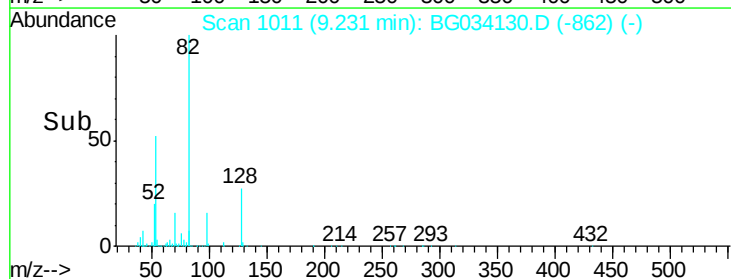
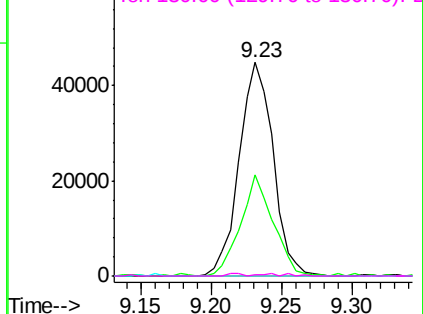
42 47.5 49.1 73.7#

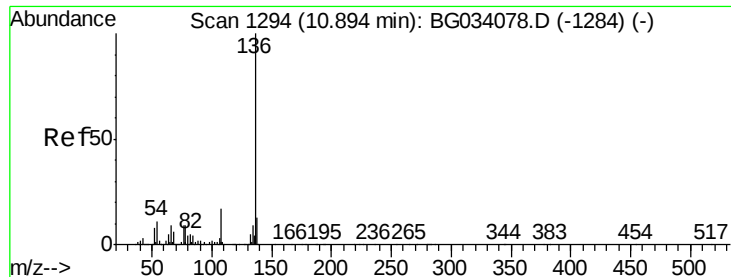
101 0.0 8.5 12.7#

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: BG034130.D

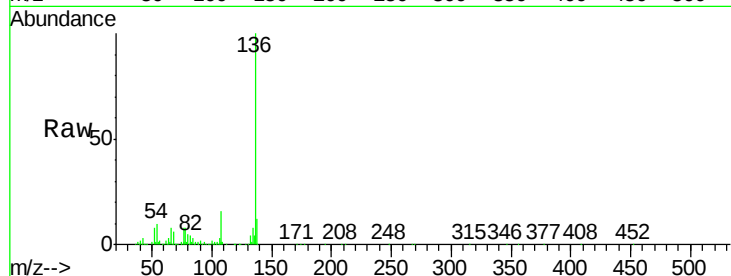
Acq: 2 May 2018 23:58

Instrument :

BNA_G

ClientSampled :

Tot Ion:136	Resp:	316592
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.2 13.8
54	9.7	10.3 15.5#
68	5.6	4.5 6.7

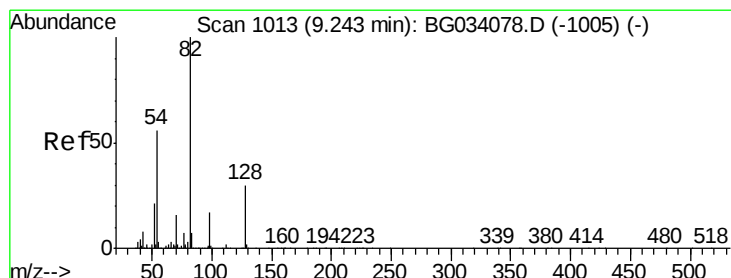
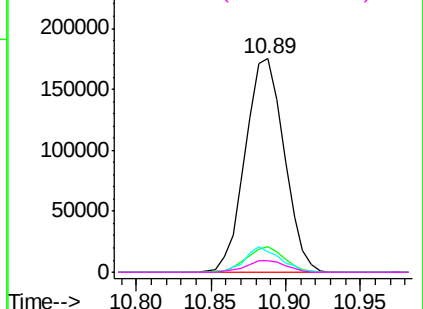
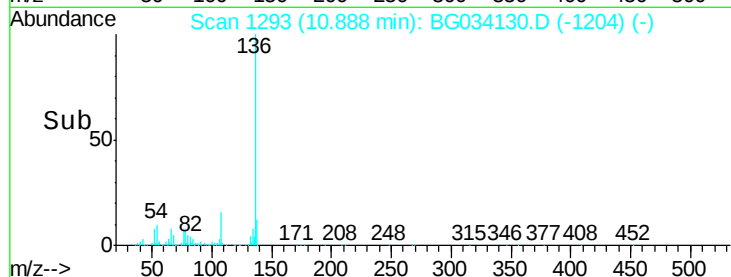


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.41 ng

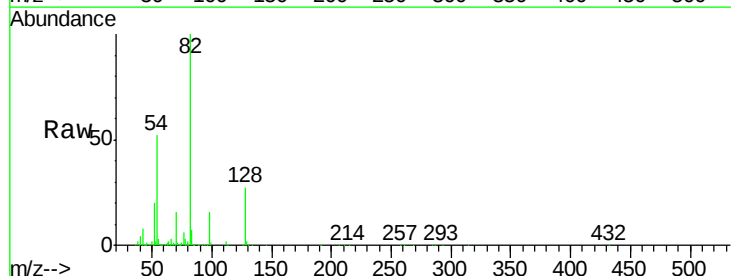
RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG034130.D

Acq: 2 May 2018 23:58

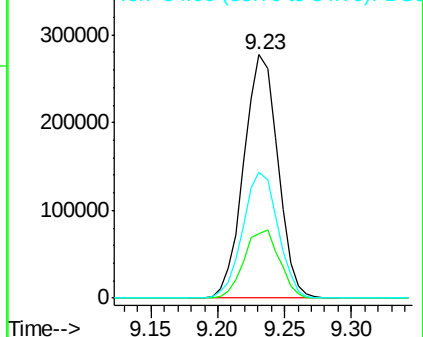
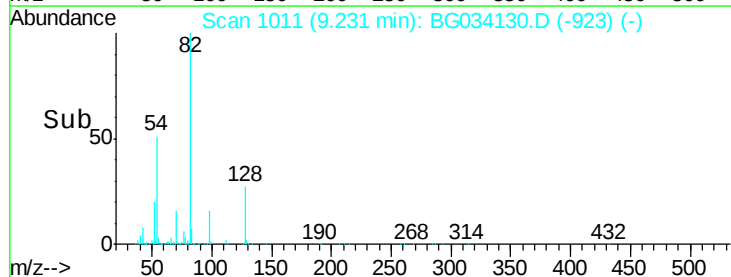
Tgt Ion: 82	Resp:	490251
Ion Ratio	Lower	Upper
82	100	
128	26.7	29.7 44.5#
54	51.5	43.1 64.7

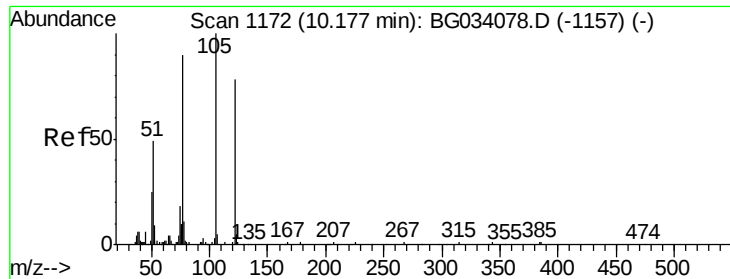


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

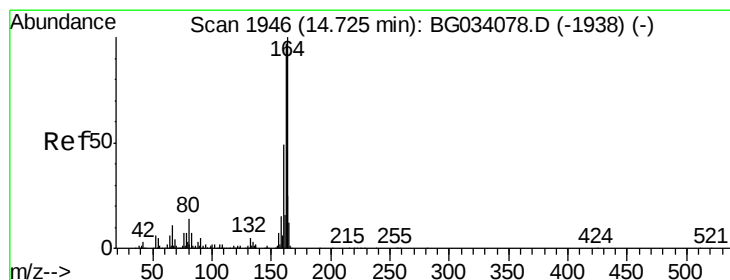
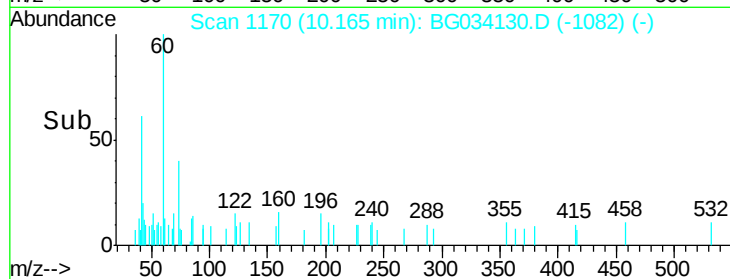
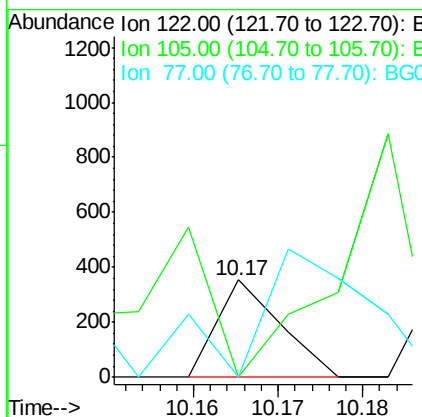
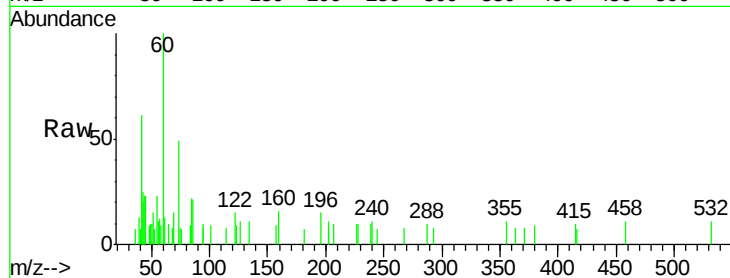




#32
Benzoic acid
Concen: 3.16 ng
RT: 10.17 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BG034130.D
Acq: 2 May 2018 23:58

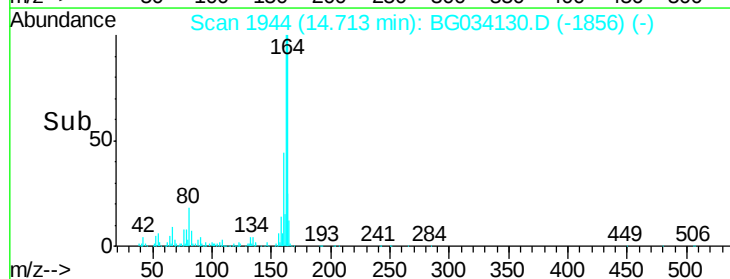
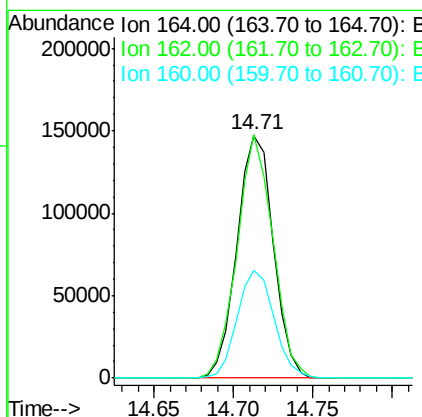
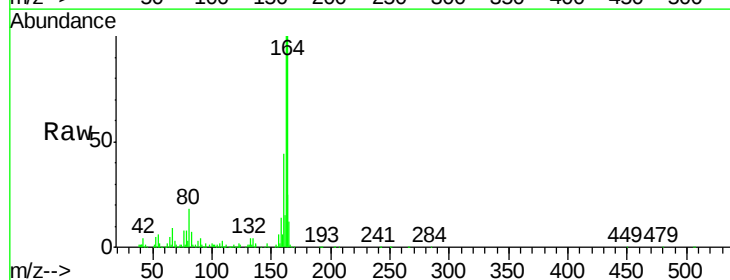
Instrument :
BNA_G
ClientSampled :

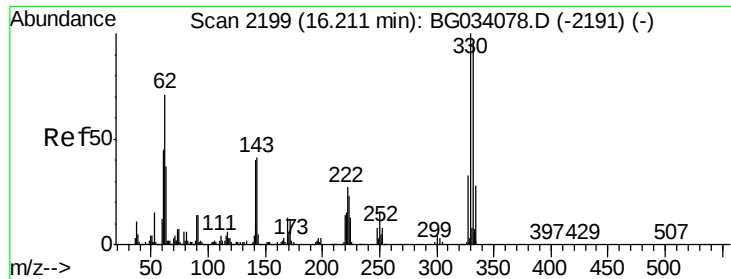
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG034130.D
Acq: 2 May 2018 23:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	44.5	35.4	53.0

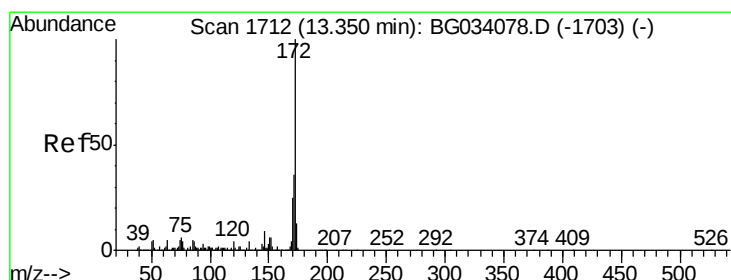
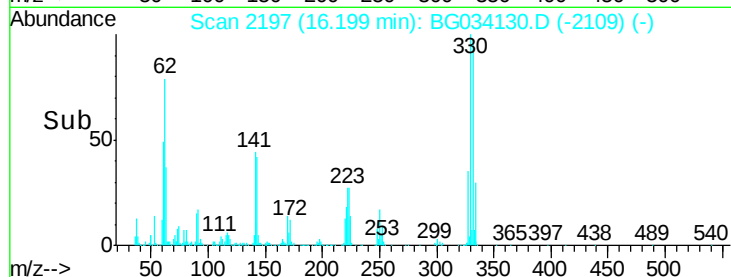
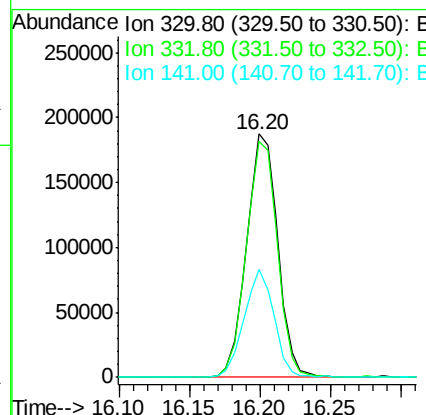
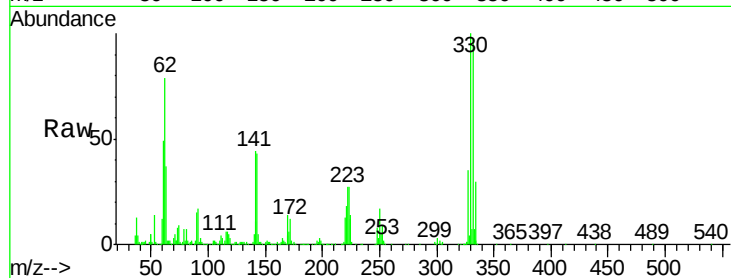




#41
2,4,6-Tribromophenol
Concen: 89.70 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG034130.D
Acq: 2 May 2018 23:58

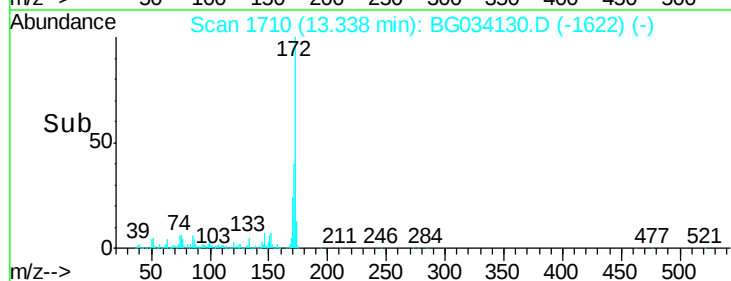
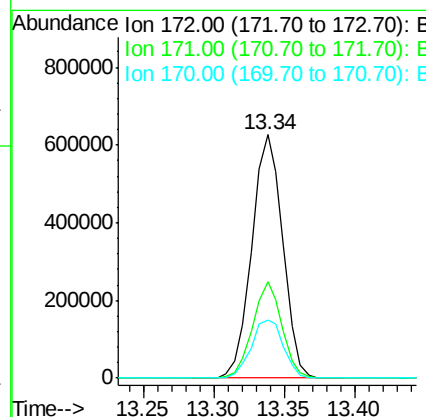
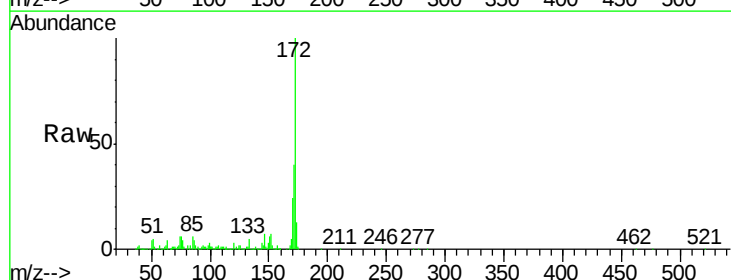
Instrument :
BNA_G
ClientSampleId :

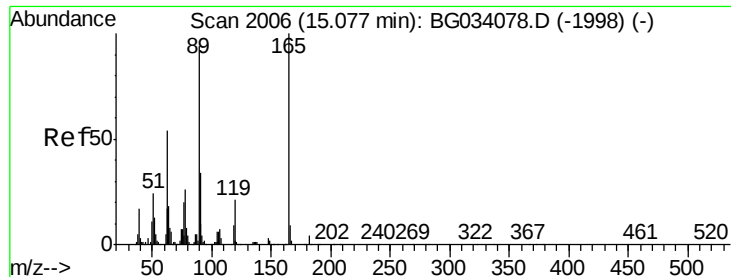
Tot Ion:330 Resp: 290187
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 42.4 25.2 37.8#



#44
2-Fluorobiphenyl
Concen: 60.00 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG034130.D
Acq: 2 May 2018 23:58

Tgt Ion:172 Resp: 962063
Ion Ratio Lower Upper
172 100
171 39.8 30.0 45.0
170 23.9 19.5 29.3

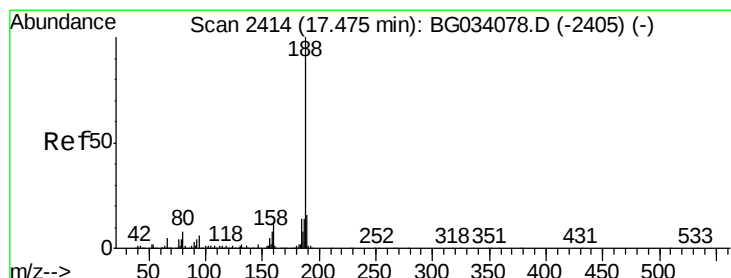
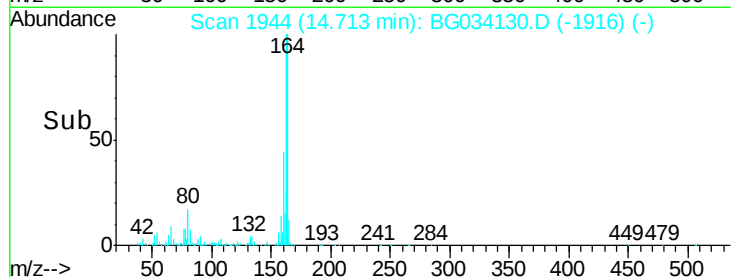
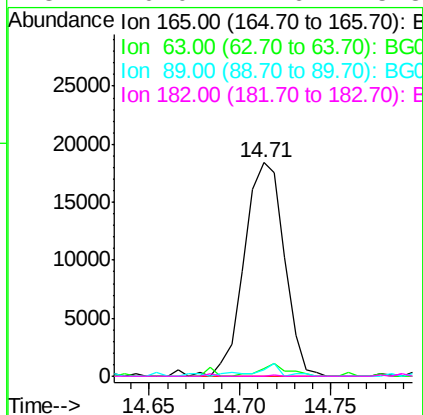
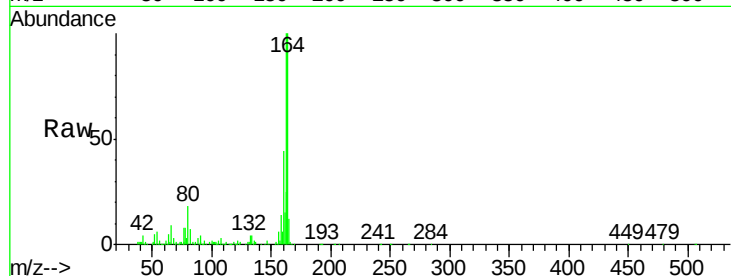




#56
2,4-Dinitrotoluene
Concen: 5.33 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.36 min
Lab File: BG034130.D
Acq: 2 May 2018 23:58

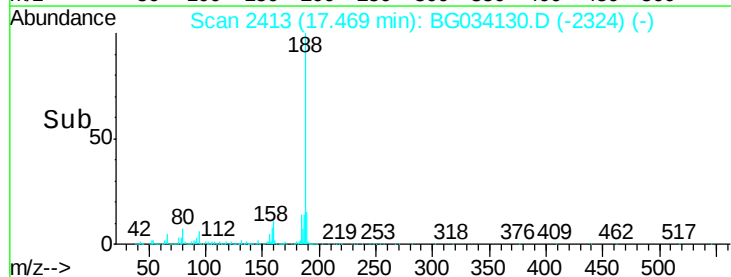
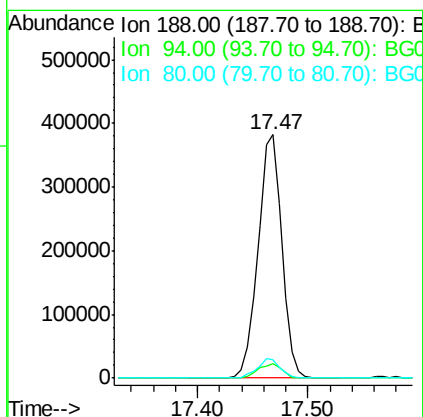
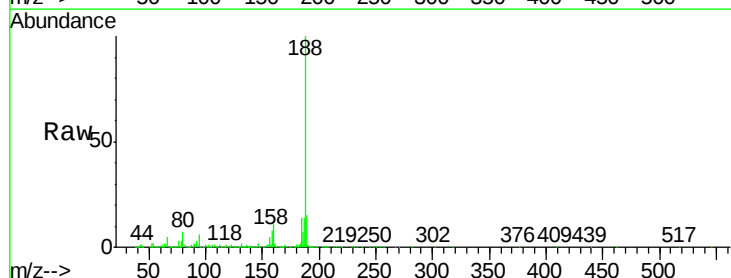
Instrument :
BNA_G
ClientSampled :

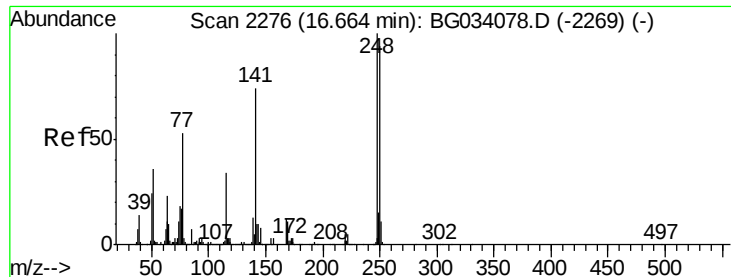
Tot Ion:165 Resp: 28183
Ion Ratio Lower Upper
165 100
63 3.6 42.0 63.0#
89 2.9 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG034130.D
Acq: 2 May 2018 23:58

Tgt Ion:188 Resp: 577136
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 7.4 7.7 11.5#

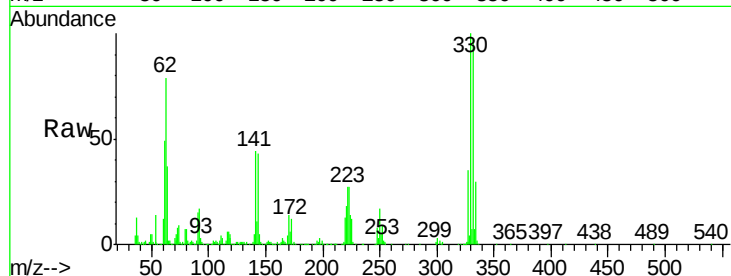




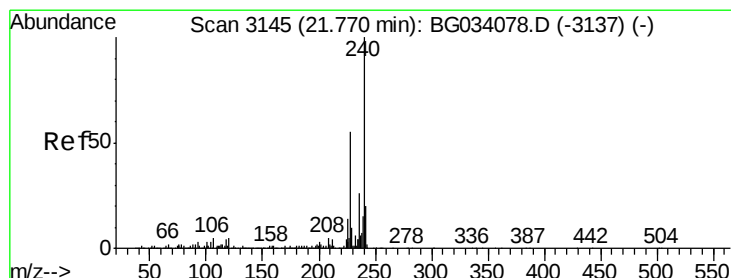
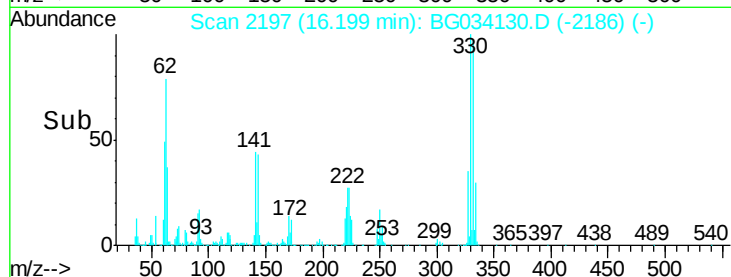
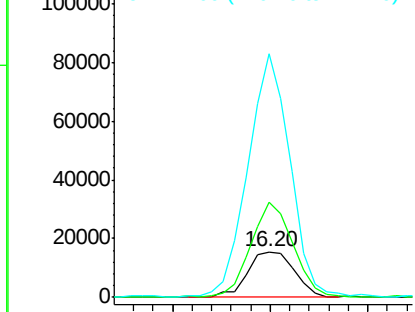
#66
4-Bromophenyl-phenylether
Concen: 3.63 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.46 min
Lab File: BG034130.D
Acq: 2 May 2018 23:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 26027
Ion Ratio Lower Upper
248 100
250 209.0 77.1 115.7#
141 533.5 50.8 76.2#

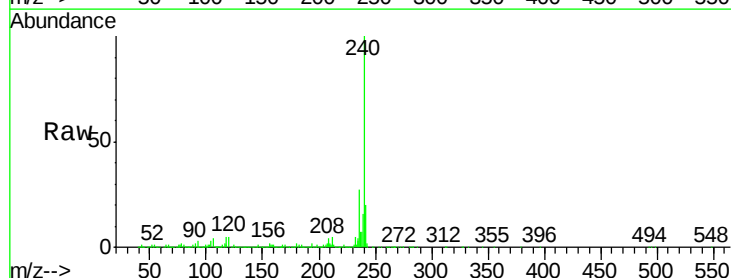


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

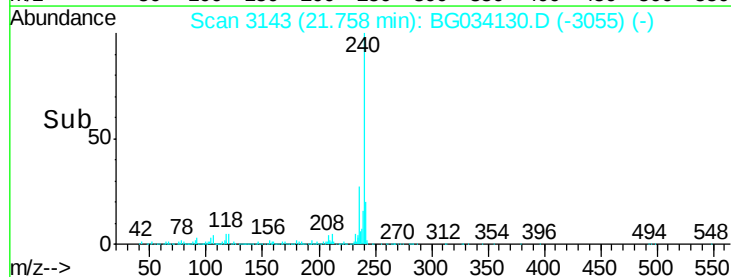
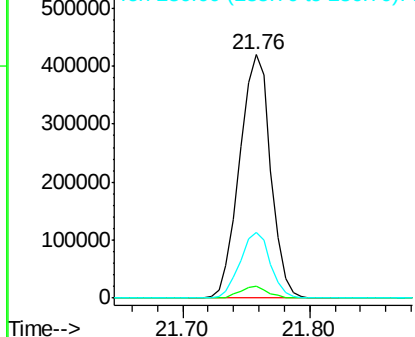


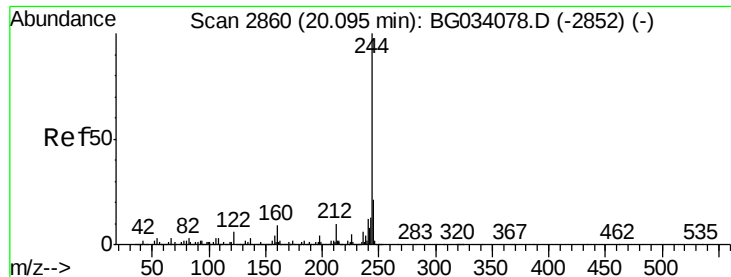
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG034130.D
Acq: 2 May 2018 23:58

Tgt Ion:240 Resp: 710666
Ion Ratio Lower Upper
240 100
120 4.9 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: 56.75 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG034130.D

Acq: 2 May 2018 23:58

Instrument :

BNA_G

ClientSampleId :

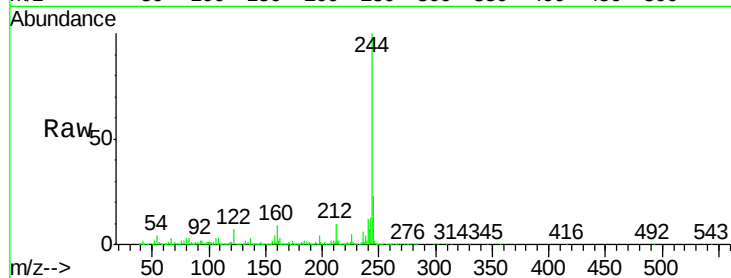
Tot Ion:244 Resp: 1841059

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

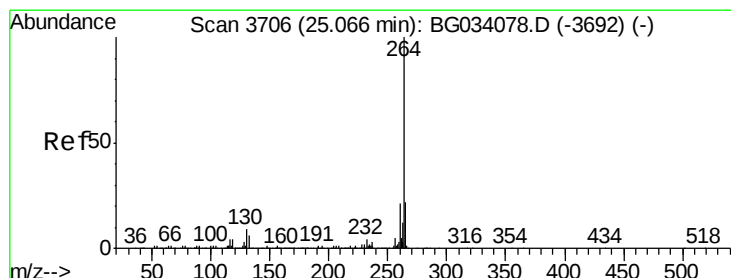
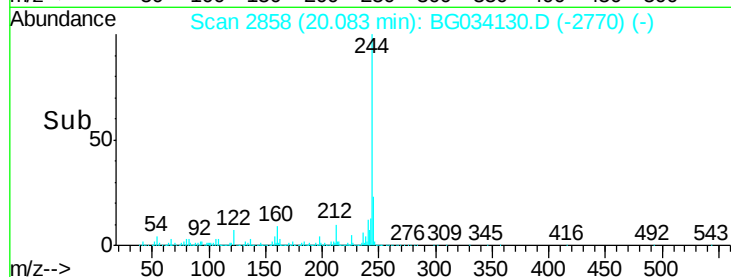
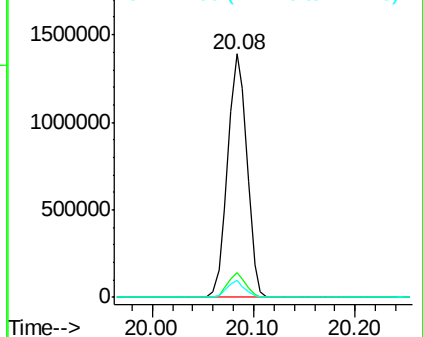
122 6.9 7.0 10.4#



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: 20.00 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.02 min

Lab File: BG034130.D

Acq: 2 May 2018 23:58

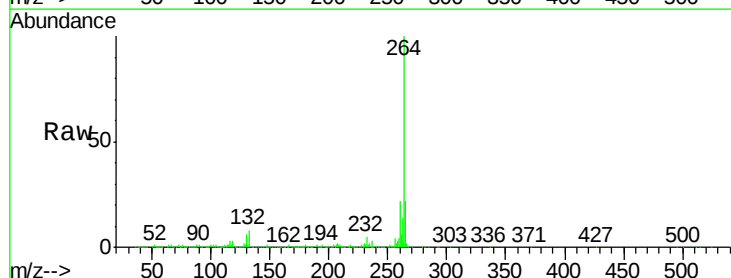
Tgt Ion:264 Resp: 718279

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 22.0 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

