

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034126.D
 Acq On : 2 May 2018 21:24
 Operator : SJ/JU
 Sample : J2157-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 03 04:47:59 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

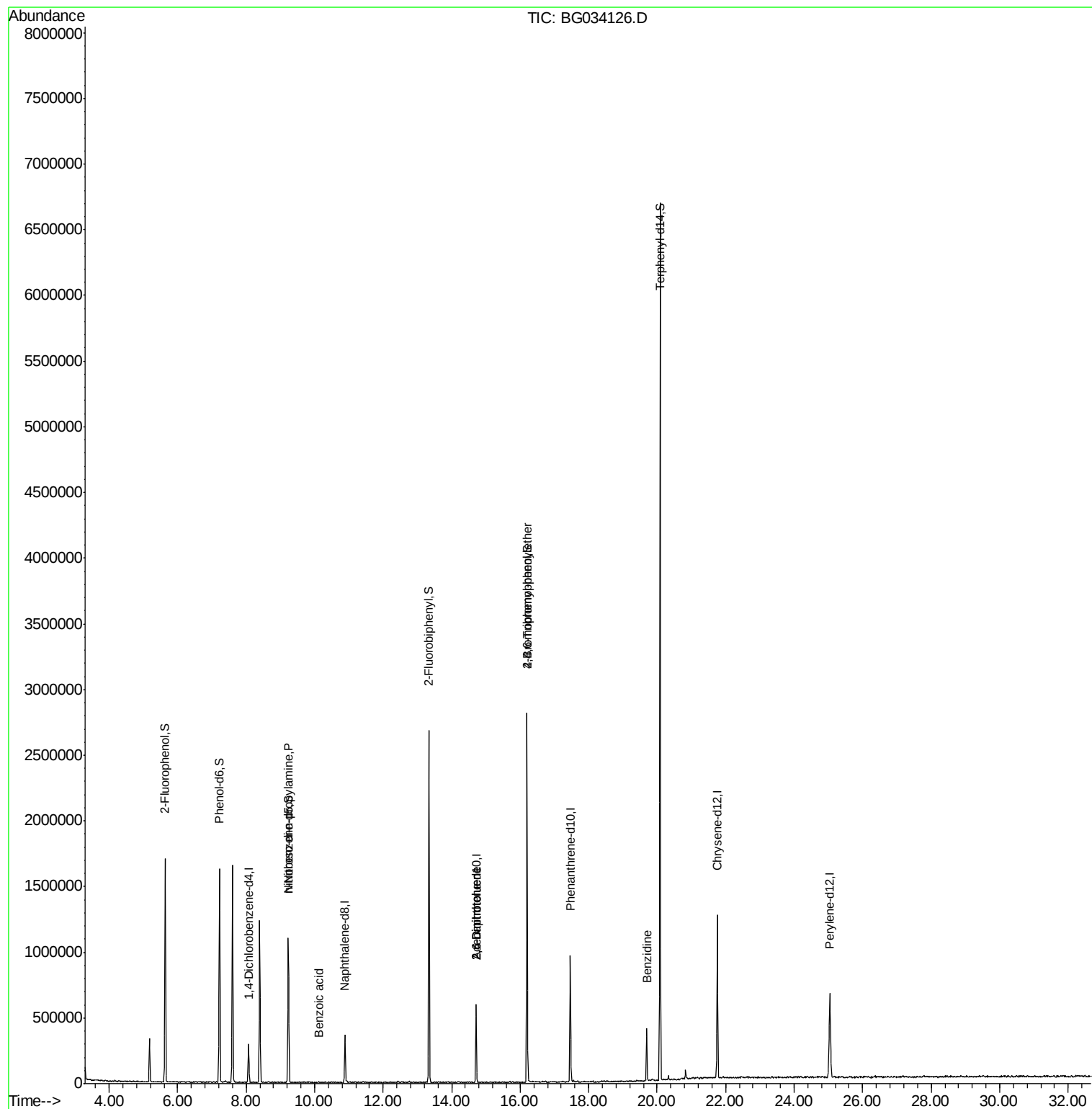
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	68334	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	266329	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	205174	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	594547	20.00	ng	0.00
75) Chrysene-d12	21.76	240	728110	20.00	ng	-0.01
86) Perylene-d12	25.05	264	705071	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	590435	139.60	ng	0.00
7) Phenol-d6	7.22	99	781933	118.75	ng	0.00
23) Nitrobenzene-d5	9.23	82	663670	95.61	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	428553	150.84	ng	-0.01
44) 2-Fluorobiphenyl	13.34	172	1311126	93.12	ng	-0.01
78) Terphenyl-d14	20.08	244	2859143	86.02	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.21	77	815	Below Cal	#	30
19) n-Nitroso-di-n-propylamine	9.23	70	103346	17.48	ng	# 79
32) Benzoic acid	10.14	122	57	3.13	ng	# 7
50) 2,6-Dinitrotoluene	14.71	165	24269	7.10	ng	# 22
56) 2,4-Dinitrotoluene	14.71	165	24269	5.23	ng	# 20
66) 4-Bromophenyl-phenylether	16.20	248	37610	5.10	ng	# 1
76) Benzidine	19.70	184	224077	11.95	ng	97

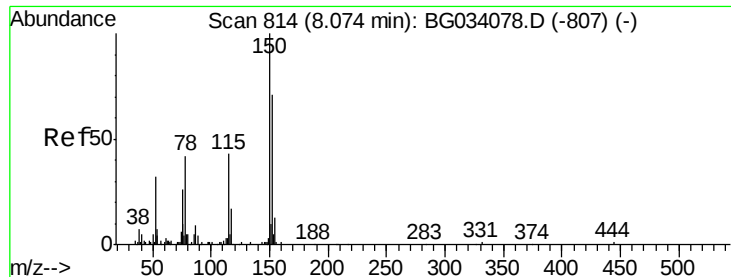
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
Data File : BG034126.D
Acq On : 2 May 2018 21:24
Operator : SJ/JU
Sample : J2157-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 03 04:47:59 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG034126.D

Acq: 2 May 2018 21:24

Instrument :

BNA_G

ClientSampleId :

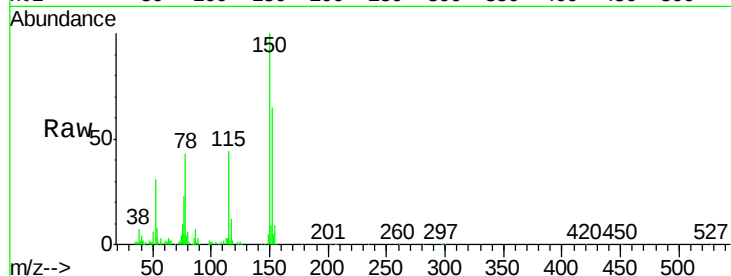
Tot Ion:152 Resp: 68334

Ion Ratio Lower Upper

152 100

150 152.7 126.6 189.8

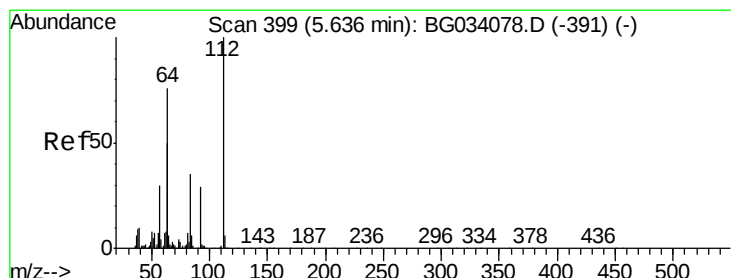
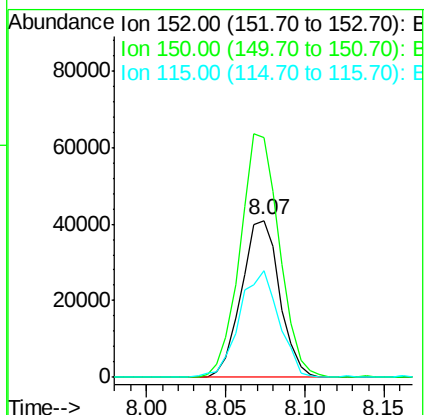
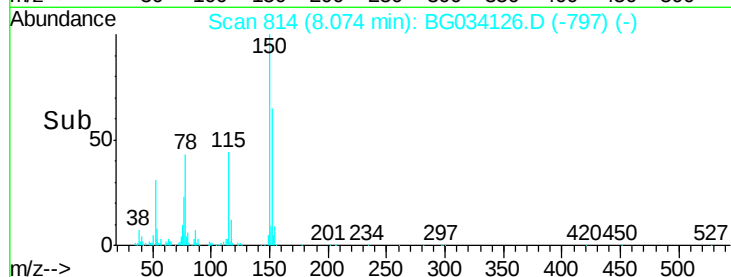
115 67.6 53.0 79.4



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: 139.60 ng

RT: 5.64 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG034126.D

Acq: 2 May 2018 21:24

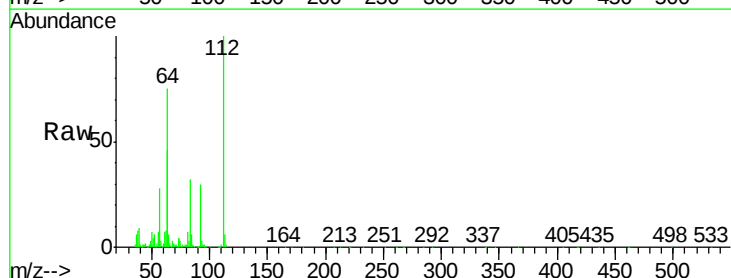
Tgt Ion:112 Resp: 590435

Ion Ratio Lower Upper

112 100

64 74.8 56.3 84.5

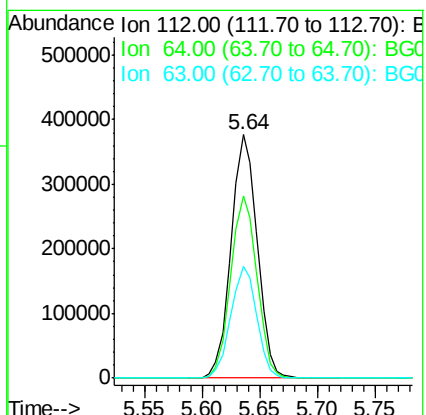
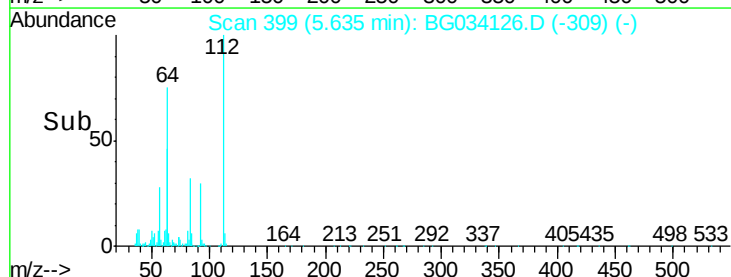
63 45.9 30.1 45.1#

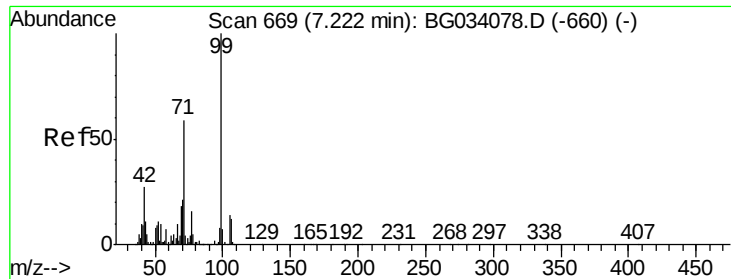


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 118.75 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034126.D

Acq: 2 May 2018 21:24

Instrument :

BNA_G

ClientSampleId :

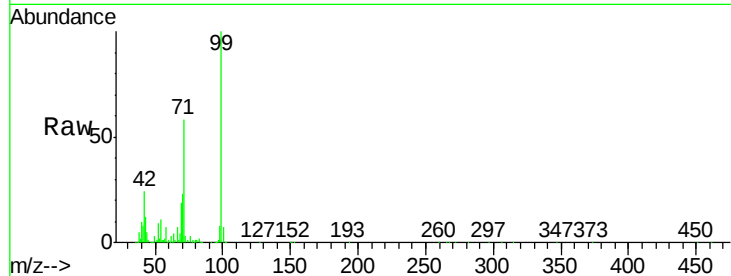
Tot Ion: 99 Resp: 781933

Ion Ratio Lower Upper

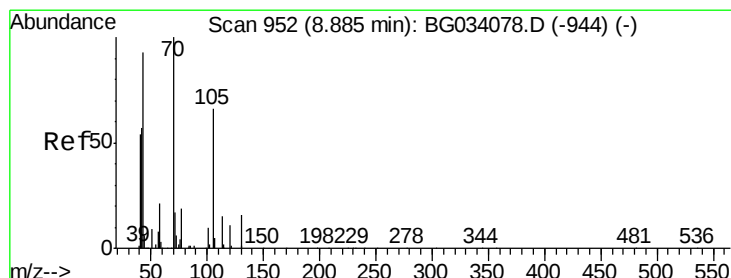
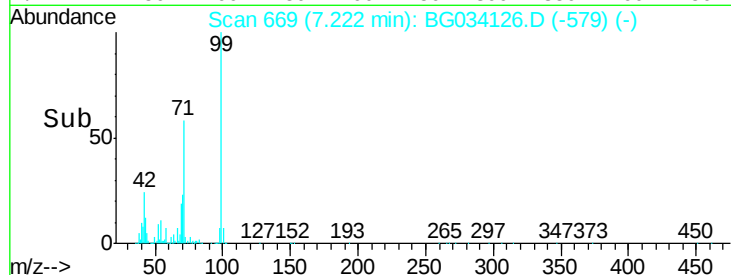
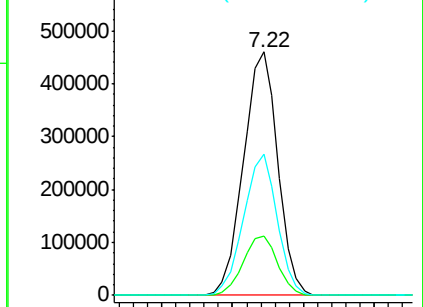
99 100

42 24.5 14.1 21.1#

71 58.2 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: 17.48 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG034126.D

Acq: 2 May 2018 21:24

Tgt Ion: 70 Resp: 103346

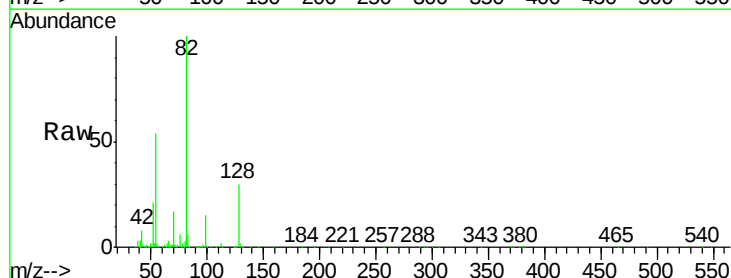
Ion Ratio Lower Upper

70 100

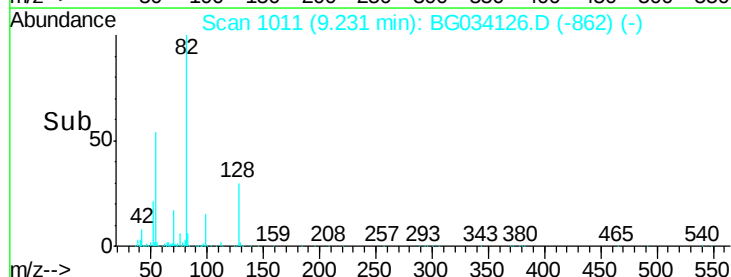
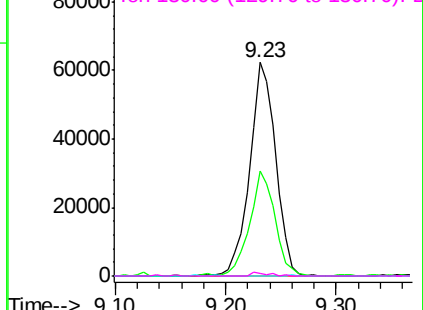
42 49.3 49.1 73.7

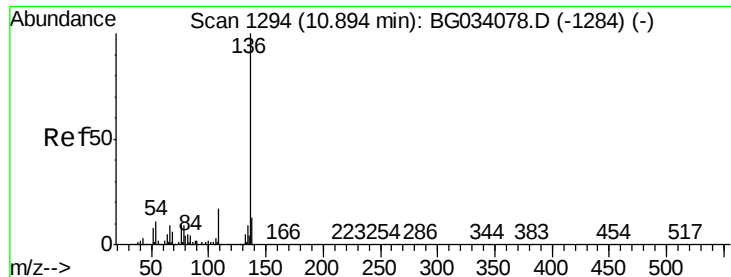
101 0.0 8.5 12.7#

130 1.1 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

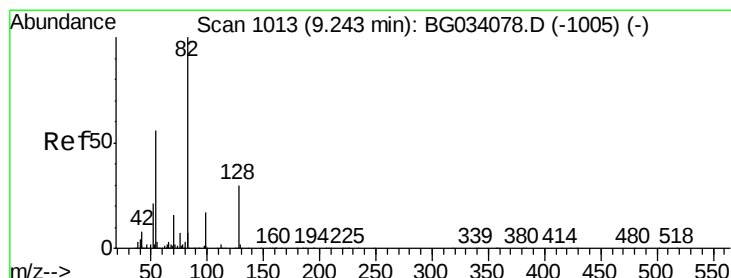
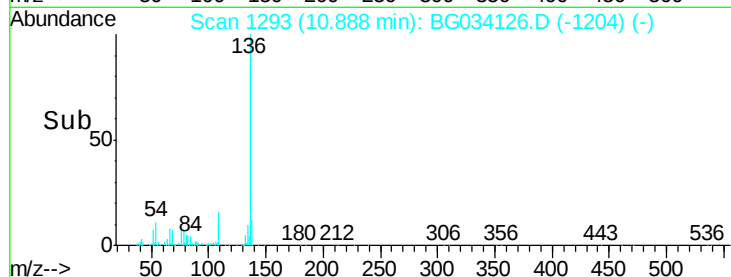
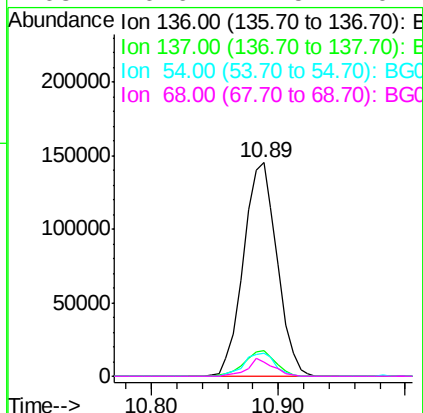
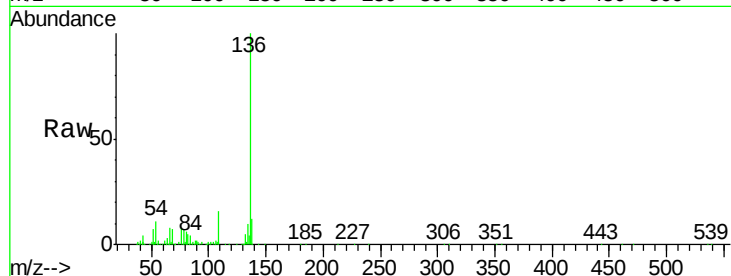




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034126.D
Acq: 2 May 2018 21:24

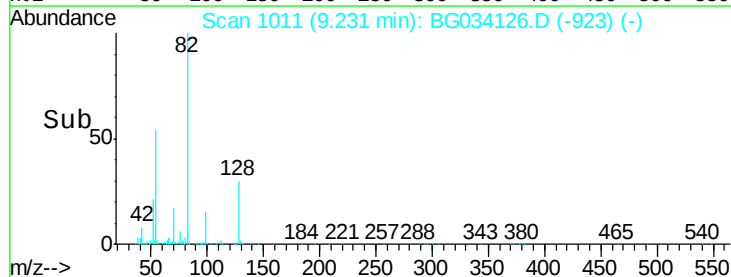
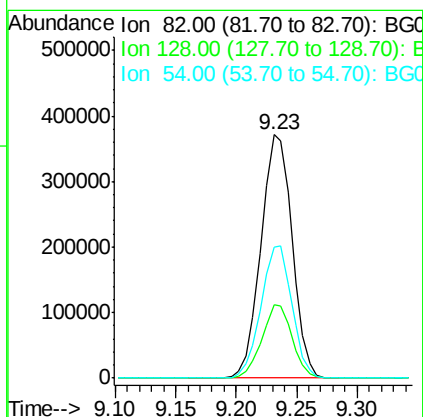
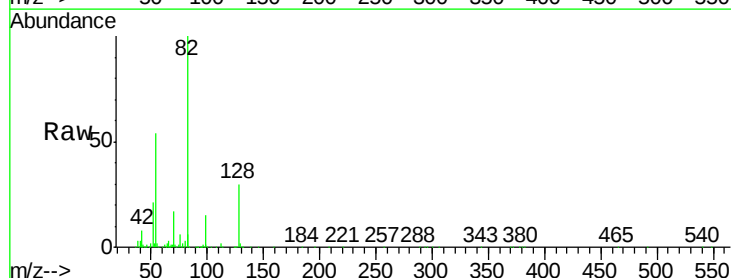
Instrument :
BNA_G
ClientSampleId :

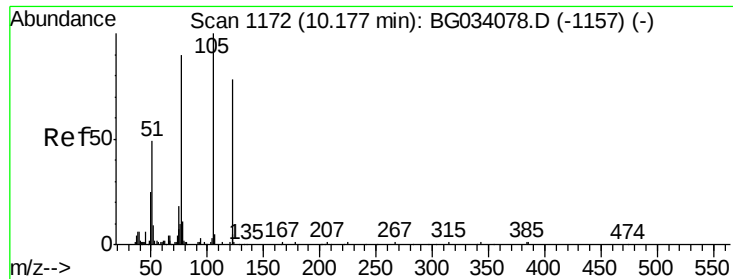
Tot Ion:136	Resp:	266329	
Ion Ratio	Lower	Upper	
136 100			
137 11.8	9.2	13.8	
54 10.7	10.3	15.5	
68 6.6	4.5	6.7	



#23
Nitrobenzene-d5
Concen: 95.61 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG034126.D
Acq: 2 May 2018 21:24

Tgt Ion: 82	Resp: 663670
Ion Ratio	Lower Upper
82 100	
128 30.1	29.7 44.5
54 53.8	43.1 64.7





#32

Benzoic acid

Concen: 3.13 ng

RT: 10.14 min Scan# 1165

Delta R.T. -0.04 min

Lab File: BG034126.D

Acq: 2 May 2018 21:24

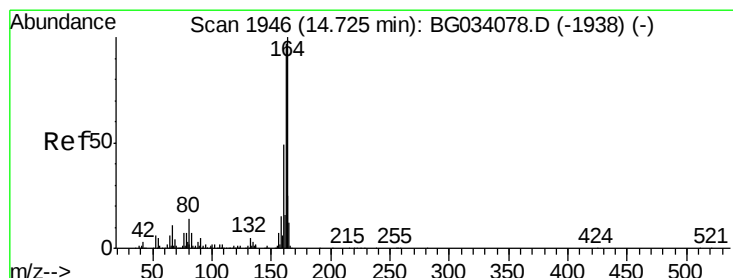
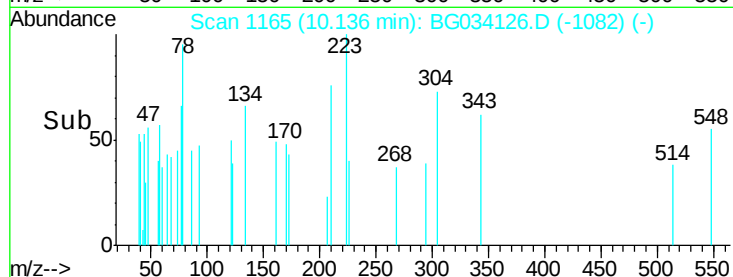
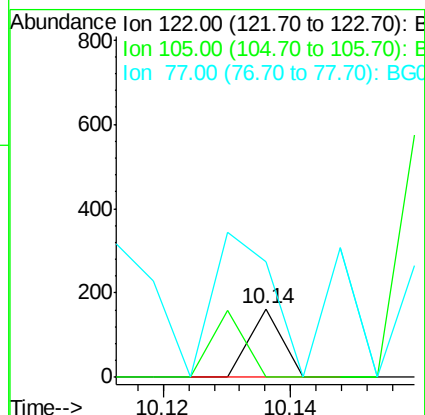
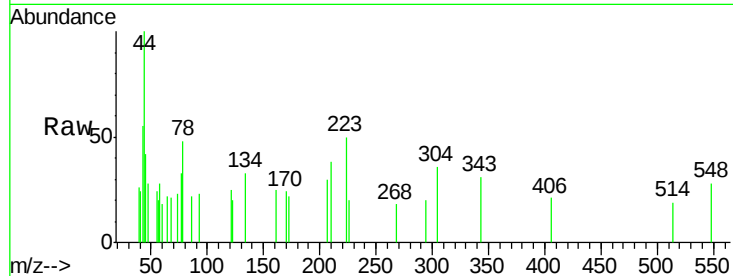
Instrument :

BNA_G

ClientSampleId :

Tot Ion:122 Resp: 57

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	169.1	85.7	125.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 1944

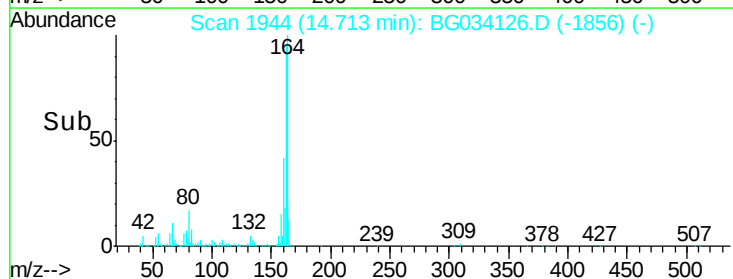
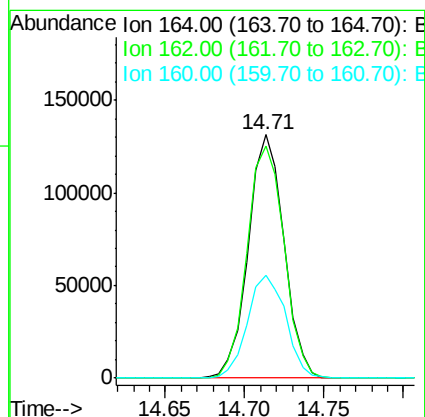
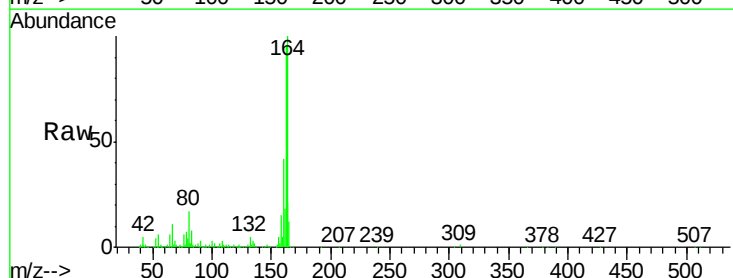
Delta R.T. -0.01 min

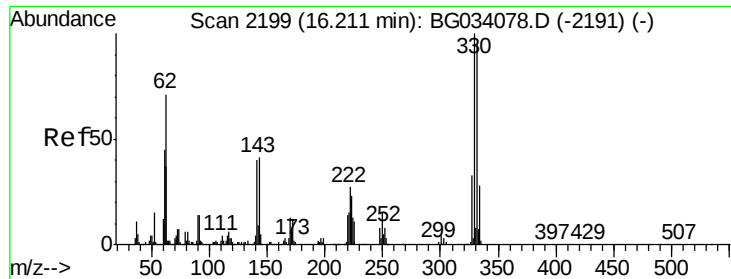
Lab File: BG034126.D

Acq: 2 May 2018 21:24

Tgt Ion:164 Resp: 205174

Ion	Ratio	Lower	Upper
164	100		
162	95.5	78.8	118.2
160	42.4	35.4	53.0

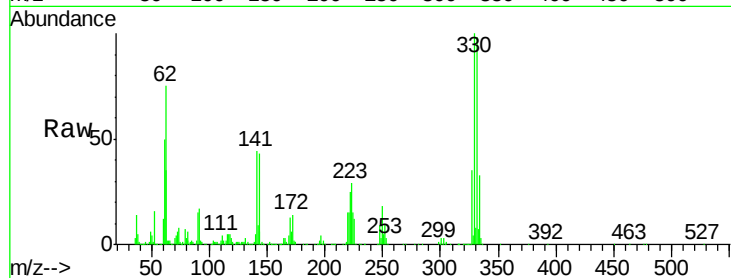




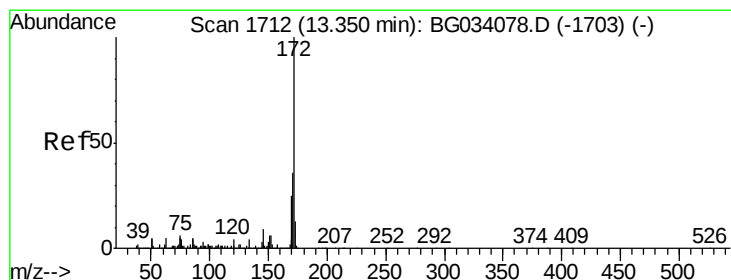
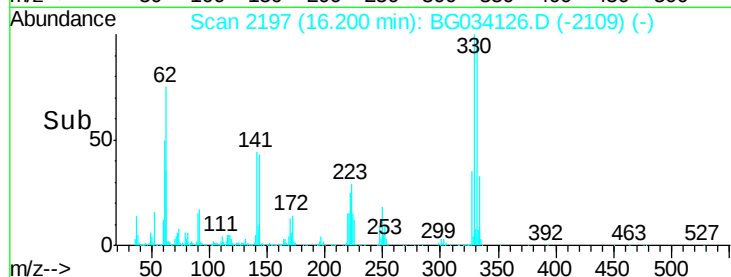
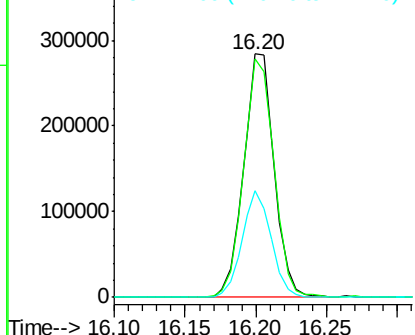
#41
 2,4,6-Tribromophenol
 Concen: 150.84 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG034126.D
 Acq: 2 May 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 428553
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 41.7 25.2 37.8#

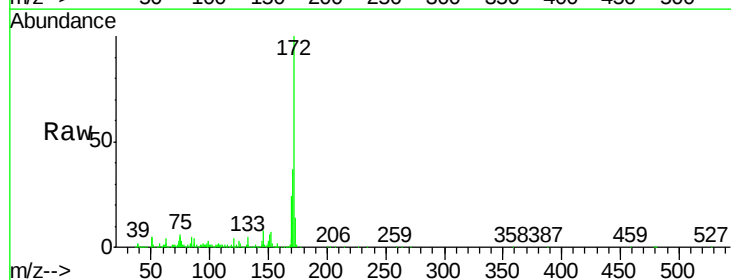


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

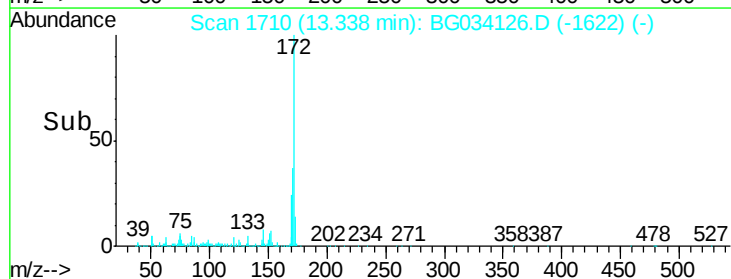
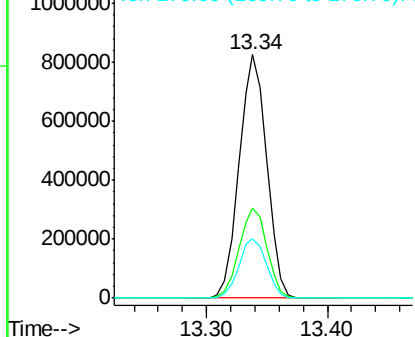


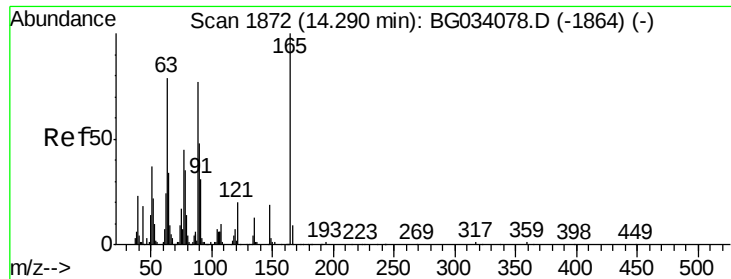
#44
 2-Fluorobiphenyl
 Concen: 93.12 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG034126.D
 Acq: 2 May 2018 21:24

Tgt Ion:172 Resp: 1311126
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 24.2 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

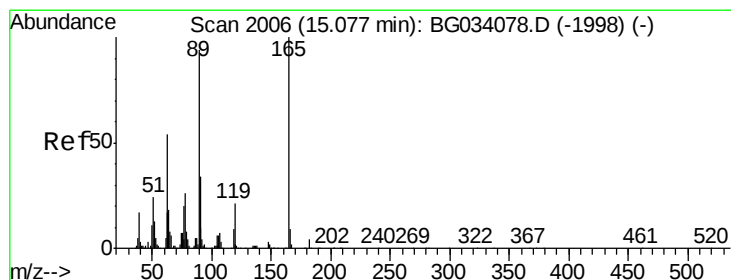
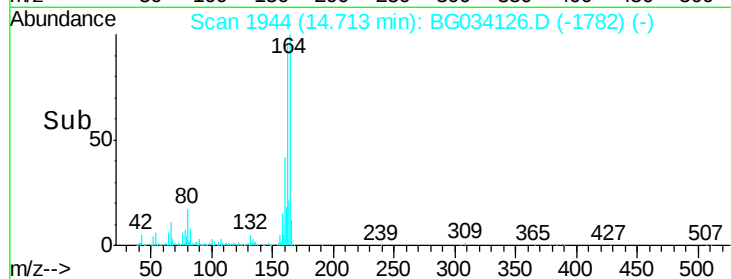
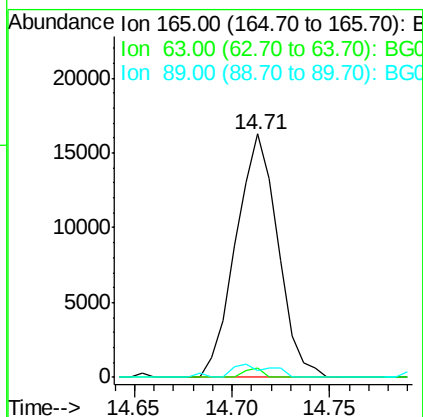
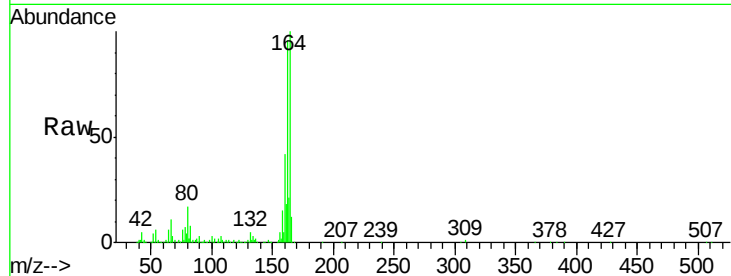




#50
2,6-Dinitrotoluene
Concen: 7.10 ng
RT: 14.71 min Scan# 1944
Delta R.T. 0.42 min
Lab File: BG034126.D
Acq: 2 May 2018 21:24

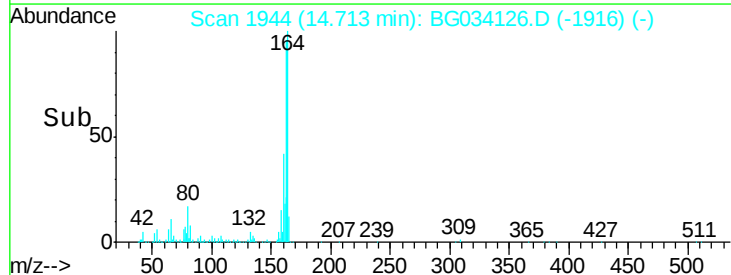
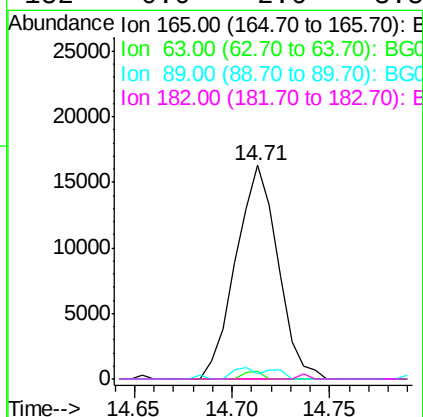
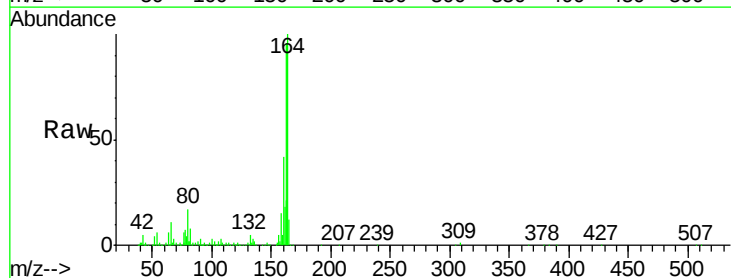
Instrument :
BNA_G
ClientSampleId :

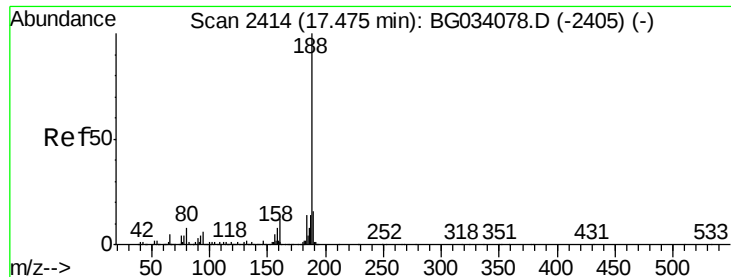
Tot Ion:165 Resp: 24269
Ion Ratio Lower Upper
165 100
63 3.6 52.7 79.1#
89 2.6 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 5.23 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.36 min
Lab File: BG034126.D
Acq: 2 May 2018 21:24

Tgt Ion:165 Resp: 24269
Ion Ratio Lower Upper
165 100
63 3.6 42.0 63.0#
89 2.6 66.9 100.3#
182 0.0 2.6 3.8#

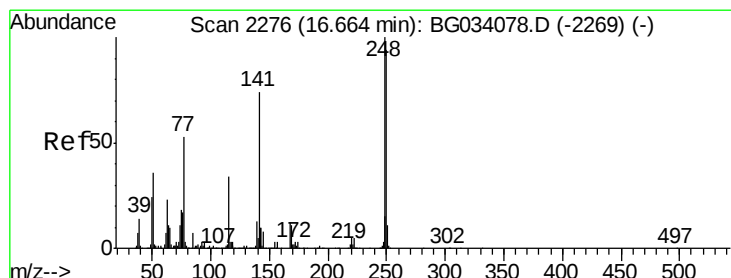
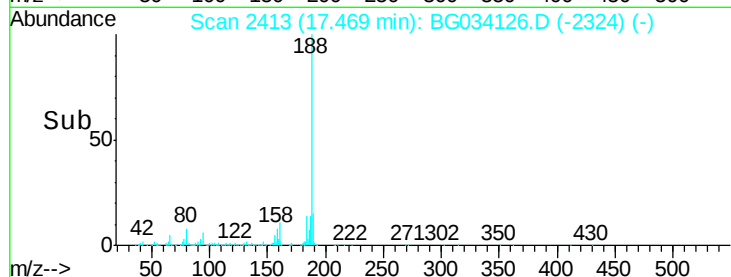
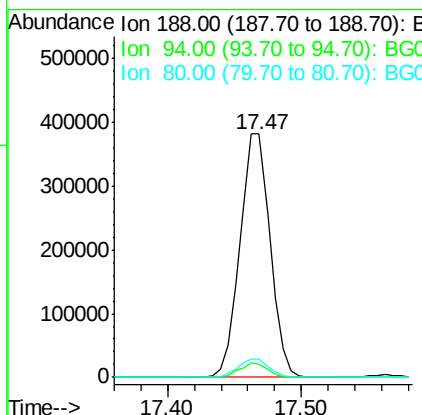
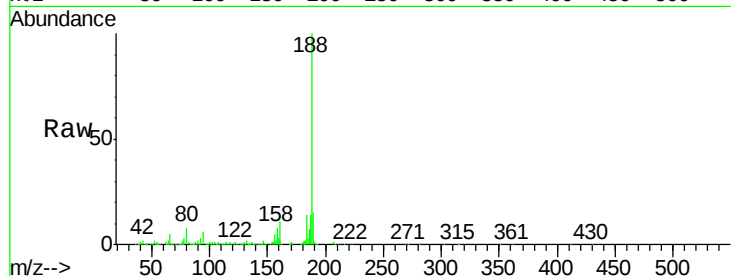




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG034126.D
Acq: 2 May 2018 21:24

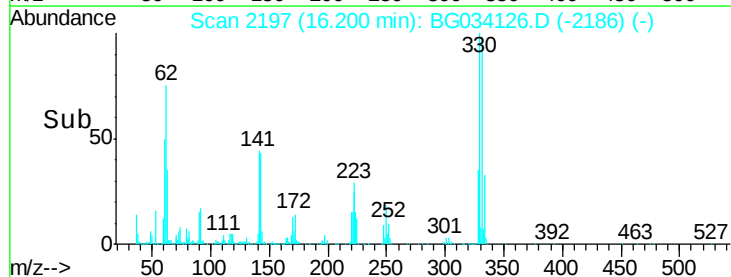
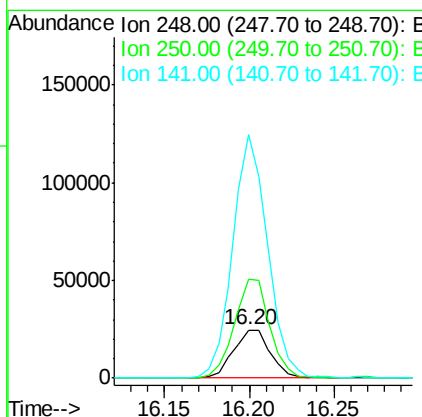
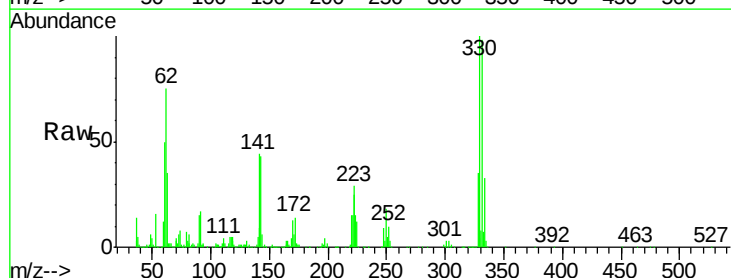
Instrument :
BNA_G
ClientSampleId :

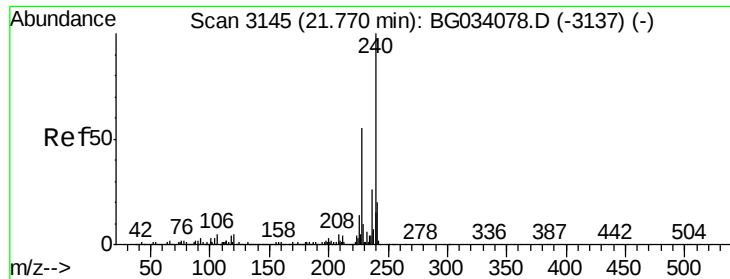
Tot Ion:188 Resp: 594547
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 7.6 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 5.10 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.46 min
Lab File: BG034126.D
Acq: 2 May 2018 21:24

Tgt Ion:248 Resp: 37610
Ion Ratio Lower Upper
248 100
250 206.7 77.1 115.7#
141 508.0 50.8 76.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG034126.D

Acq: 2 May 2018 21:24

Instrument :

BNA_G

ClientSampleId :

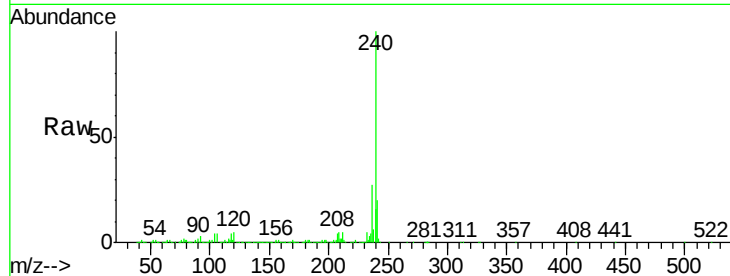
Tot Ion:240 Resp: 728110

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

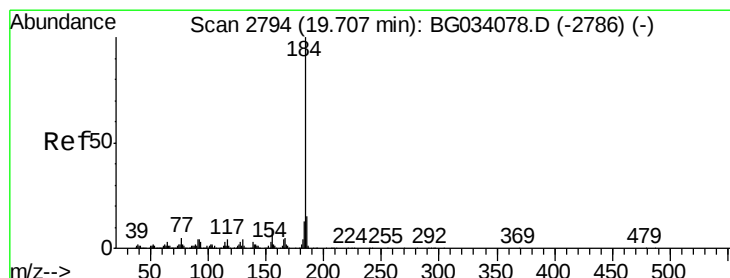
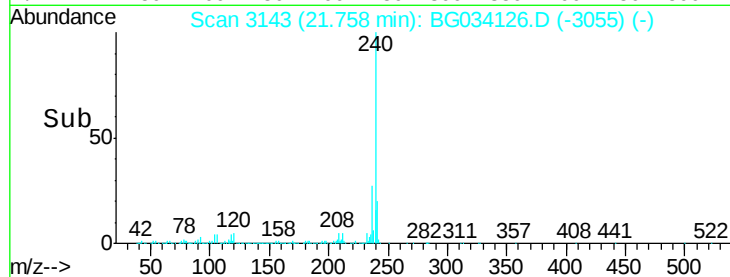
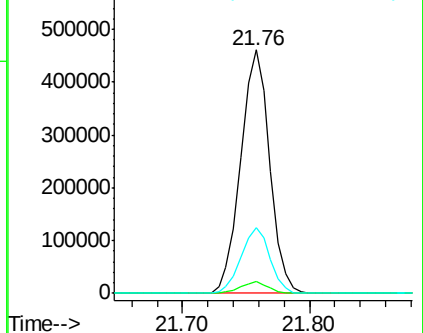
236 27.0 20.9 31.3



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: 11.95 ng

RT: 19.70 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG034126.D

Acq: 2 May 2018 21:24

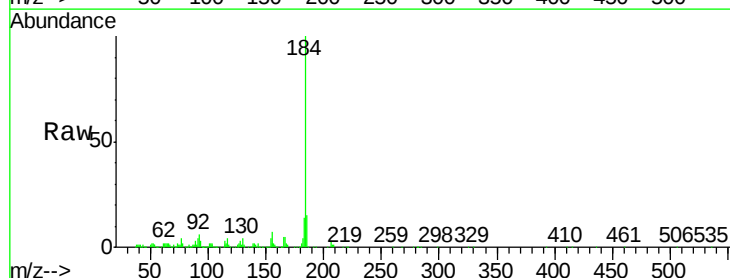
Tgt Ion:184 Resp: 224077

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

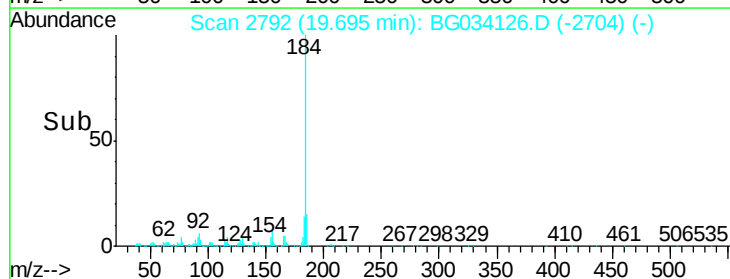
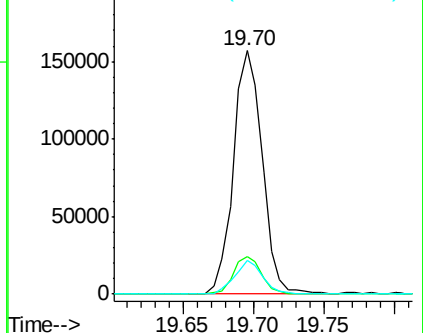
183 14.0 10.6 16.0

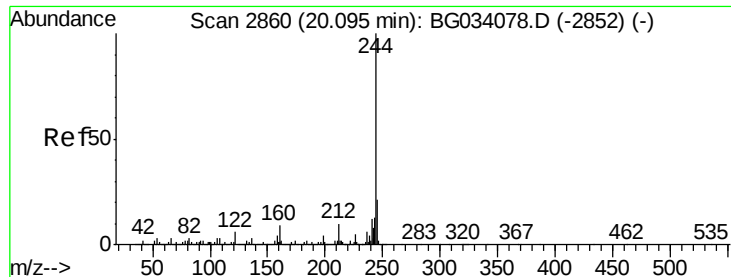


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 86.02 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG034126.D

Acq: 2 May 2018 21:24

Instrument :

BNA_G

ClientSampleId :

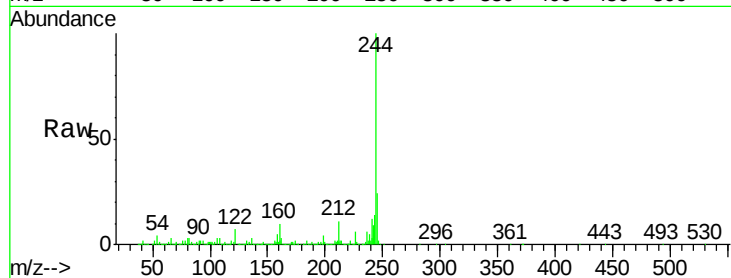
Tot Ion:244 Resp: 2859143

Ion Ratio Lower Upper

244 100

212 11.0 5.8 8.8#

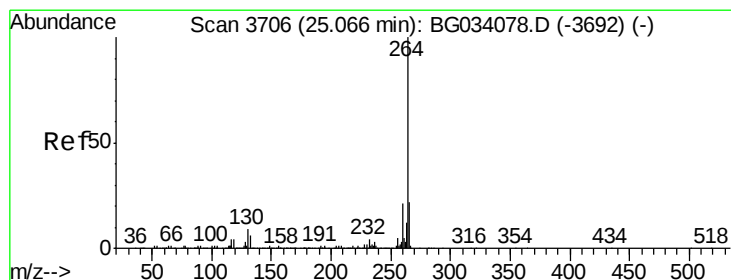
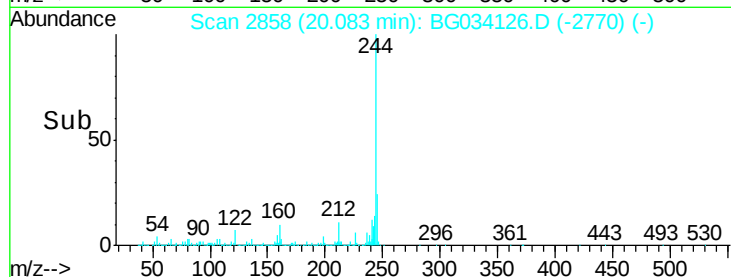
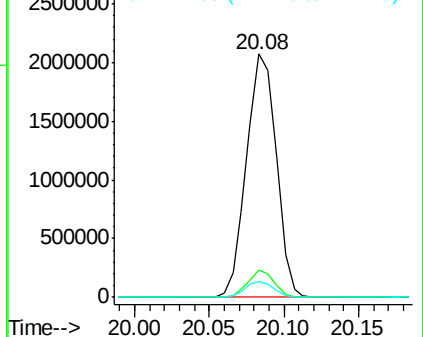
122 6.6 7.0 10.4#



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: 25.05 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG034126.D

Acq: 2 May 2018 21:24

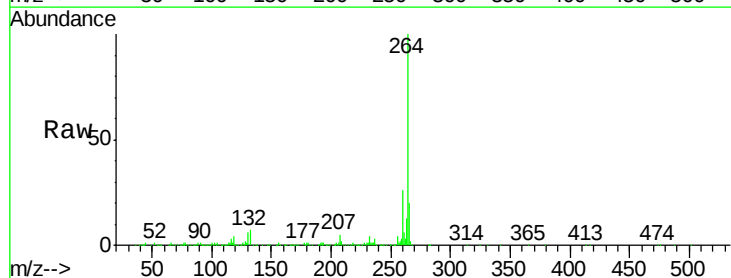
Tgt Ion:264 Resp: 705071

Ion Ratio Lower Upper

264 100

260 25.6 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

