

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035566.D
 Acq On : 3 Jul 2018 00:52
 Operator : JU/SJ
 Sample : PB110755BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 04:50:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

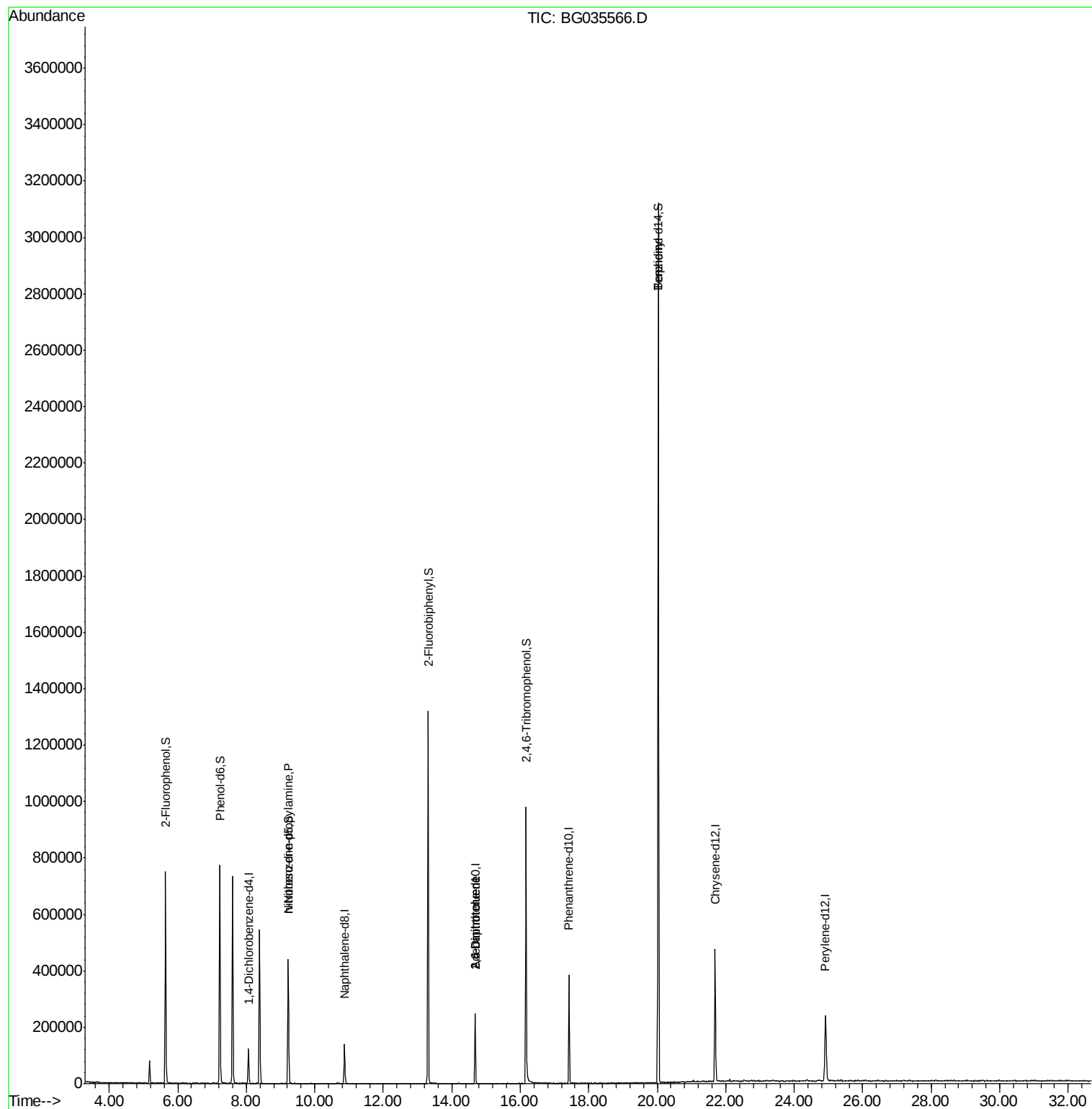
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	34270	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	123478	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	89059	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	255194	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	301336	20.00	ng	-0.02
86) Perylene-d12	24.91	264	284642	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	322391	158.76	ng	0.00
7) Phenol-d6	7.23	99	468500	156.31	ng	0.00
23) Nitrobenzene-d5	9.23	82	295203	113.64	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	200786	176.12	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	721154	105.27	ng	-0.02
78) Terphenyl-d14	20.03	244	1524233	105.95	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	40833	16.036	ng	# 68
50) 2,6-Dinitrotoluene	14.68	165	11771	8.308	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	11771	6.254	ng	# 19
76) Benzidine	20.03	184	23815	2.124	ng	95

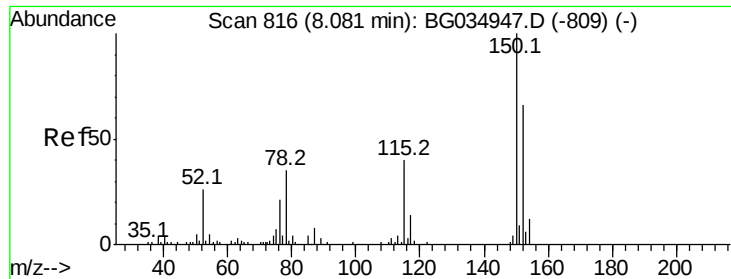
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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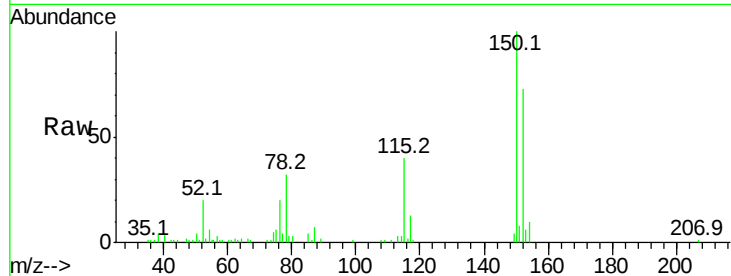


#1

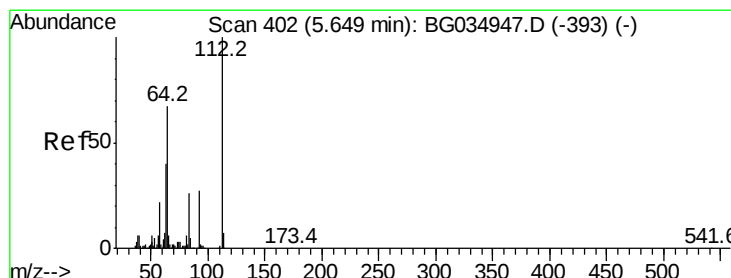
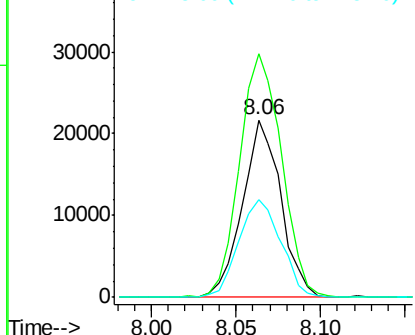
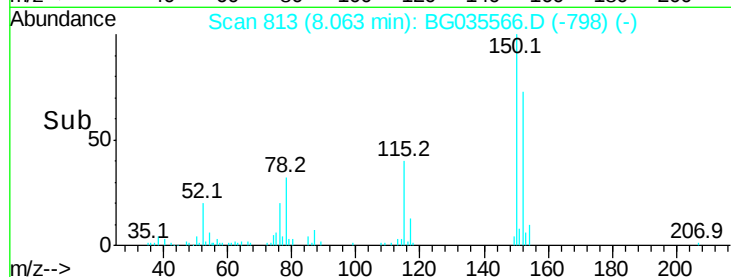
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035566.D
Acq: 3 Jul 2018 00:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34270
Ion Ratio Lower Upper
152 100
150 137.4 126.6 189.8
115 55.1 53.0 79.4



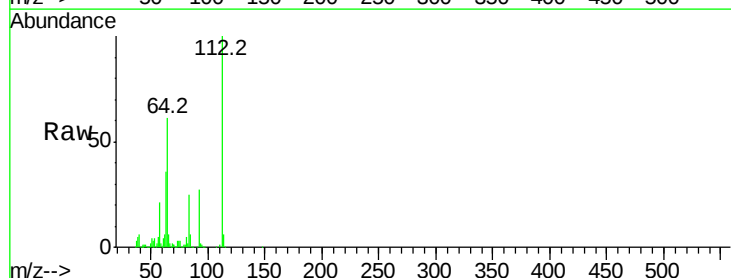
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



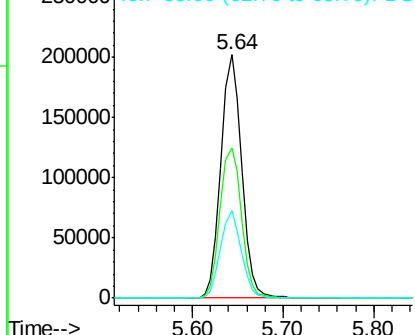
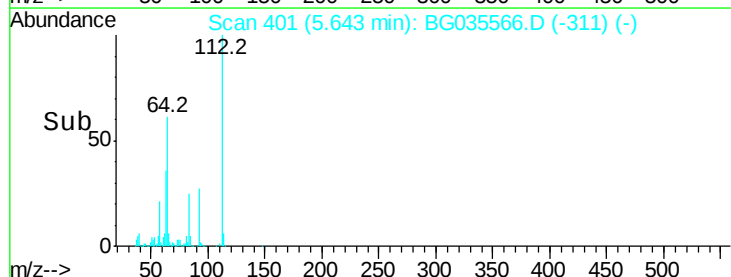
#5

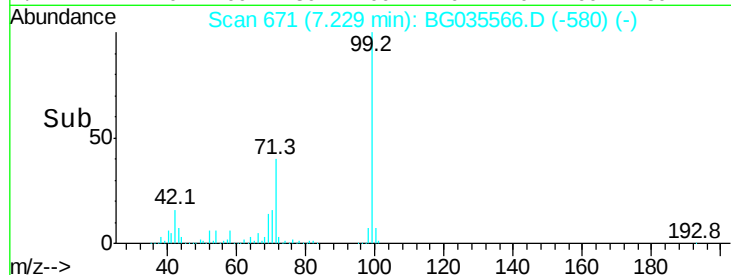
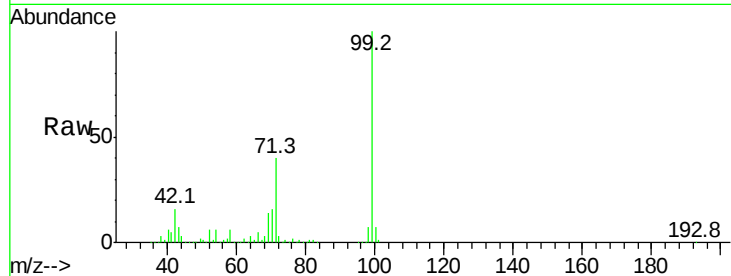
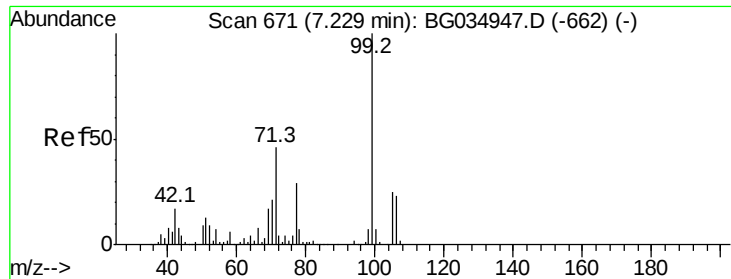
2-Fluorophenol
Concen: 158.760 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035566.D
Acq: 3 Jul 2018 00:52

Tgt Ion:112 Resp: 322391
Ion Ratio Lower Upper
112 100
64 61.4 56.3 84.5
63 35.8 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: 156.314 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG035566.D

Acq: 3 Jul 2018 00:52

Instrument :

BNA_G

ClientSampleId :

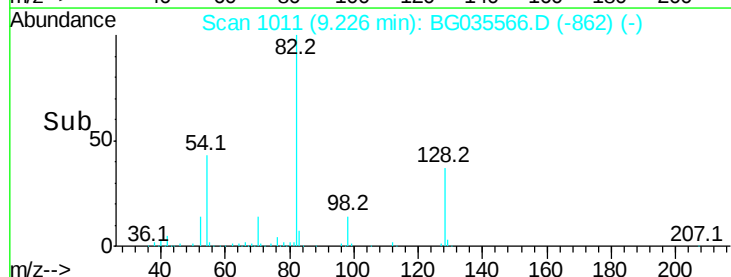
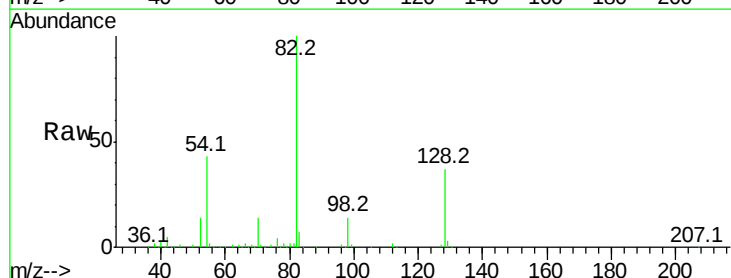
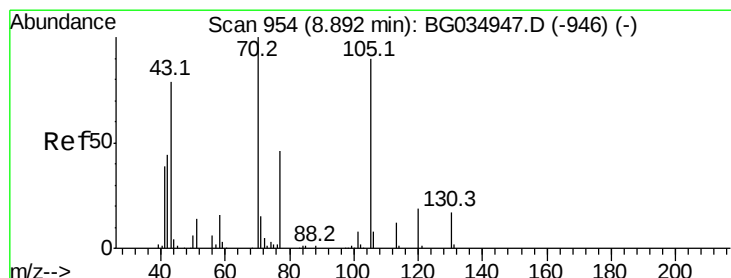
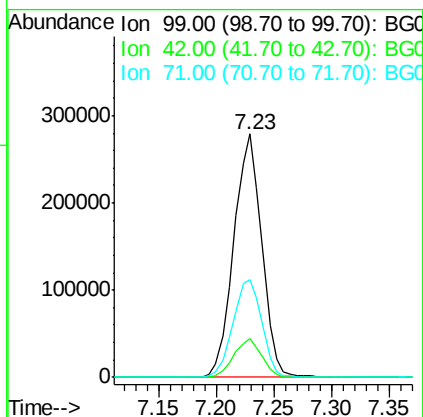
Tot Ion: 99 Resp: 468500

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

71 40.1 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.036 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035566.D

Acq: 3 Jul 2018 00:52

Tgt Ion: 70 Resp: 40833

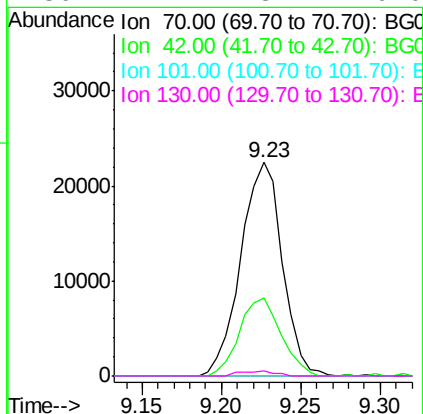
Ion Ratio Lower Upper

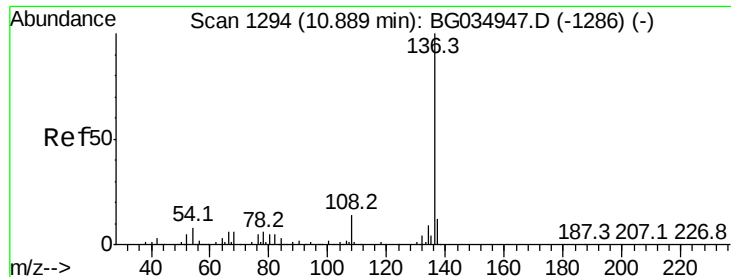
70 100

42 36.6 49.1 73.7#

101 0.0 8.5 12.7#

130 2.4 13.4 20.0#

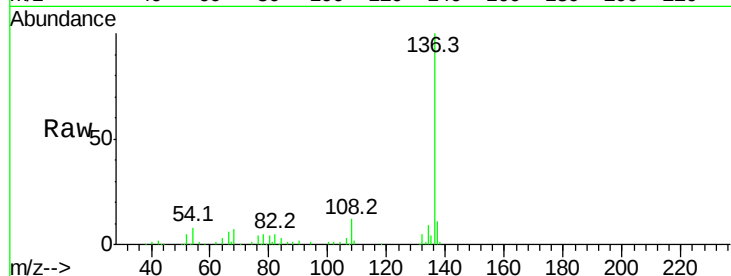




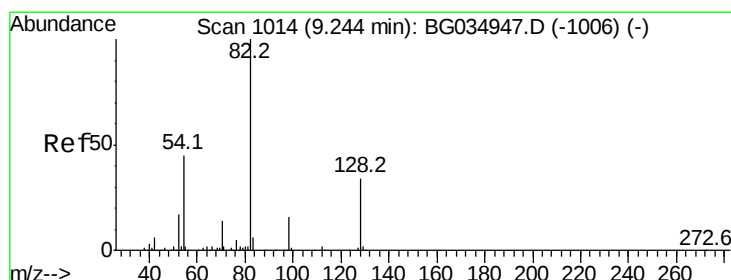
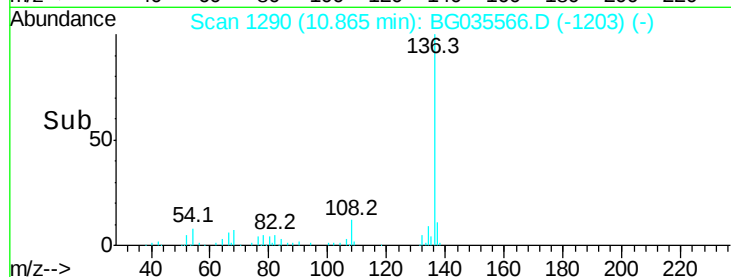
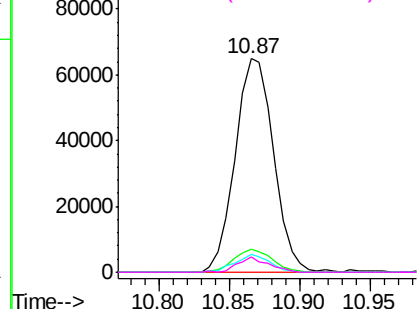
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035566.D
Acq: 3 Jul 2018 00:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	123478
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.2 13.8
54	8.5	10.3 15.5#
68	7.0	4.5 6.7#

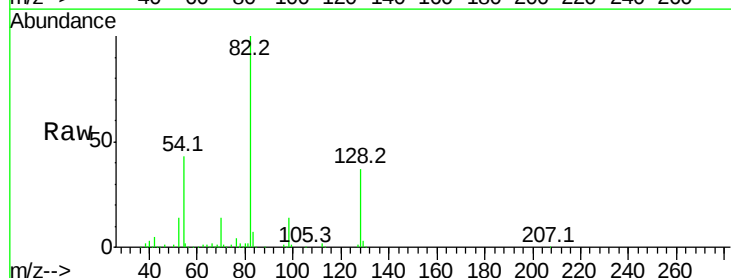


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

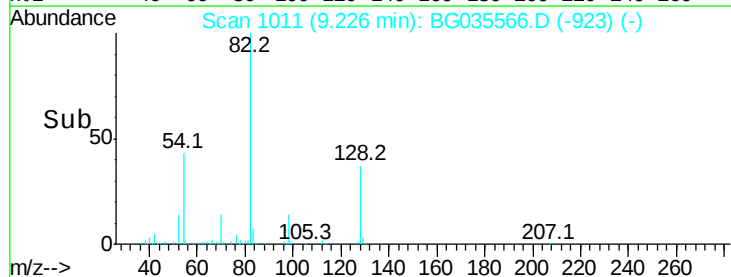
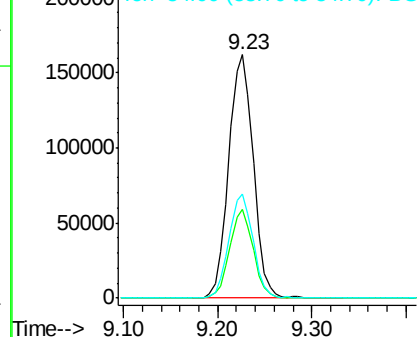


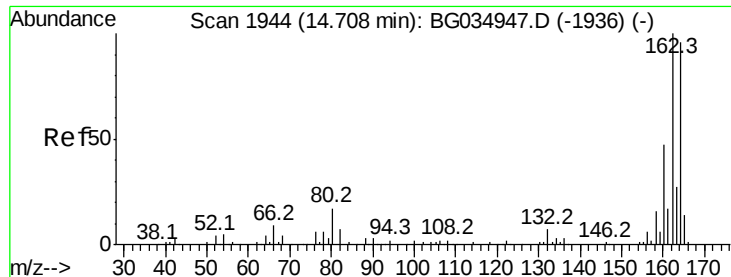
#23
Nitrobenzene-d5
Concen: 113.642 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035566.D
Acq: 3 Jul 2018 00:52

Tgt Ion: 82	Resp:	295203
Ion Ratio	Lower	Upper
82	100	
128	36.7	29.7 44.5
54	43.0	43.1 64.7#



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

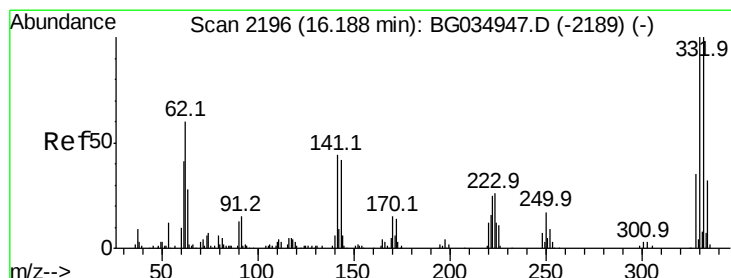
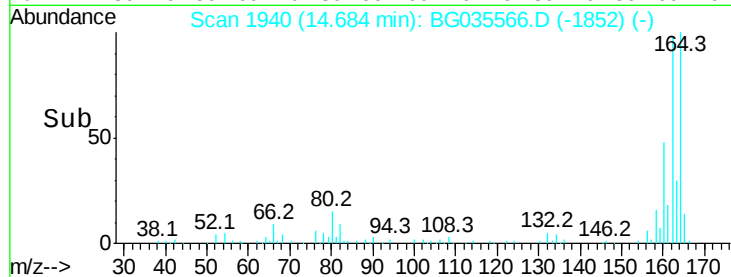
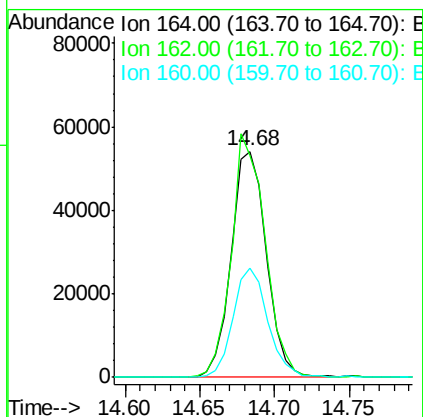
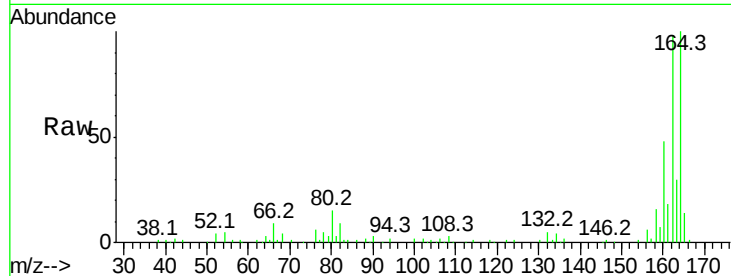




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035566.D
 Acq: 3 Jul 2018 00:52

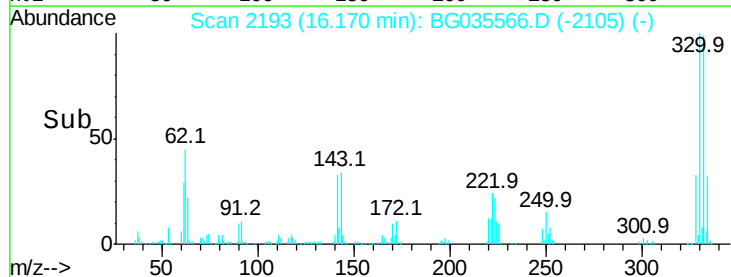
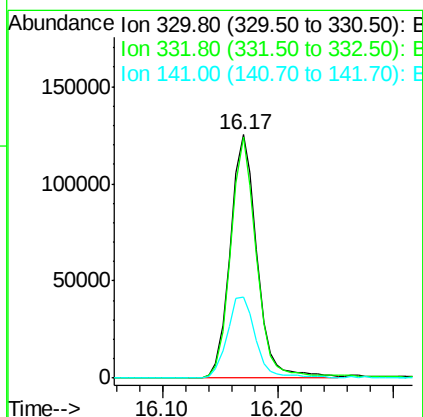
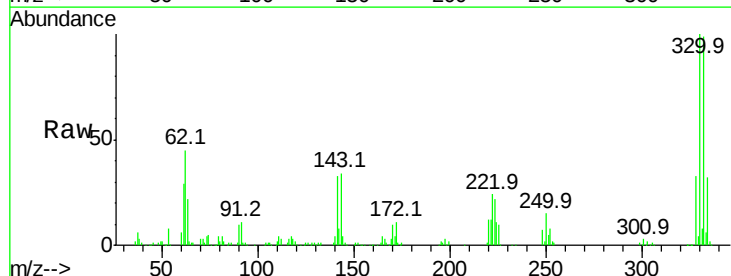
Instrument :
 BNA_G
 ClientSampleId :

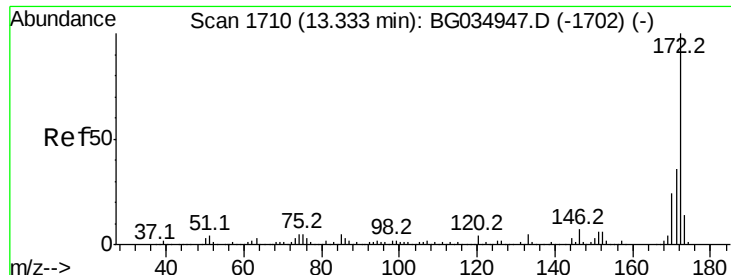
Tot Ion:164 Resp: 89059
 Ion Ratio Lower Upper
 164 100
 162 98.3 78.8 118.2
 160 48.4 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 176.118 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035566.D
 Acq: 3 Jul 2018 00:52

Tgt Ion:330 Resp: 200786
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 35.5 25.2 37.8

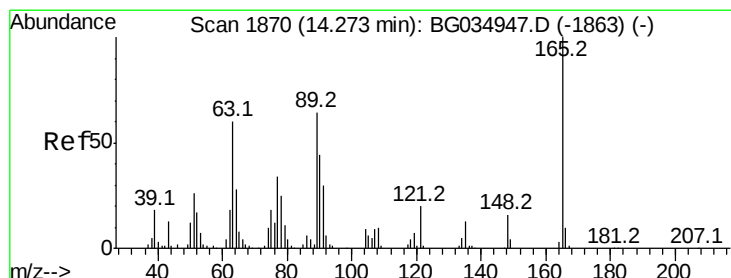
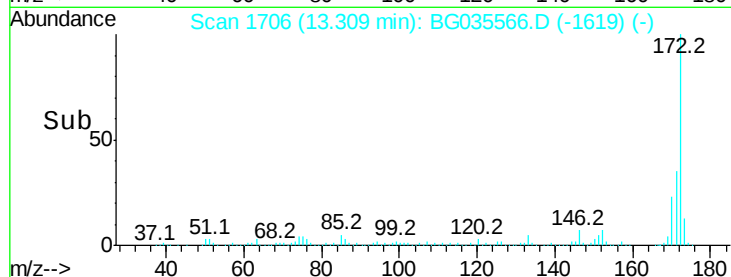
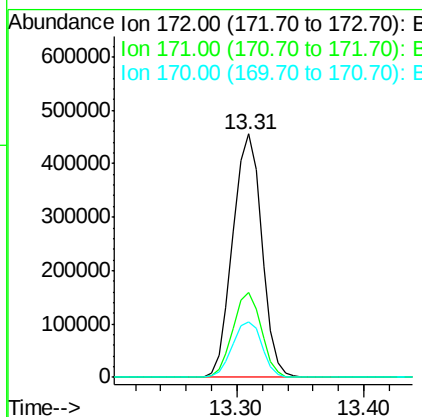
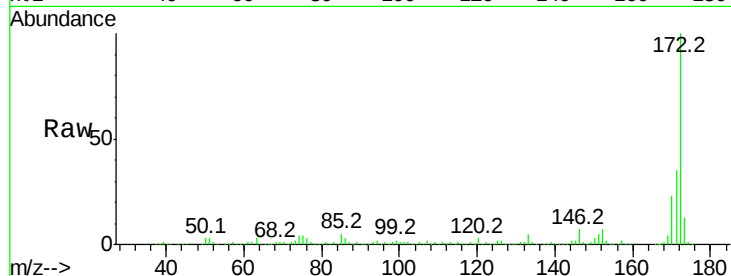




#44
 2-Fluorobiphenyl
 Concen: 105.267 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035566.D
 Acq: 3 Jul 2018 00:52

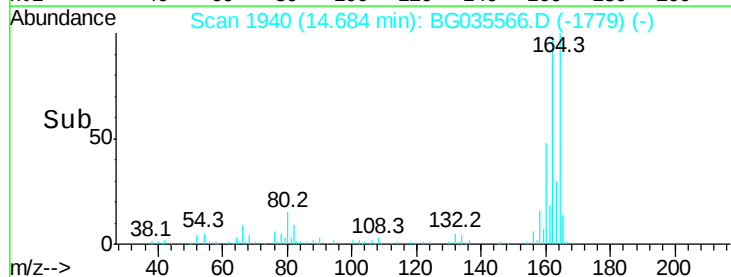
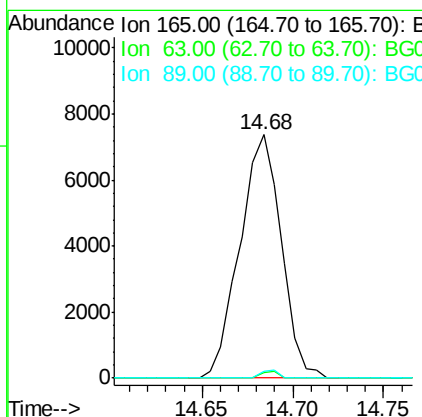
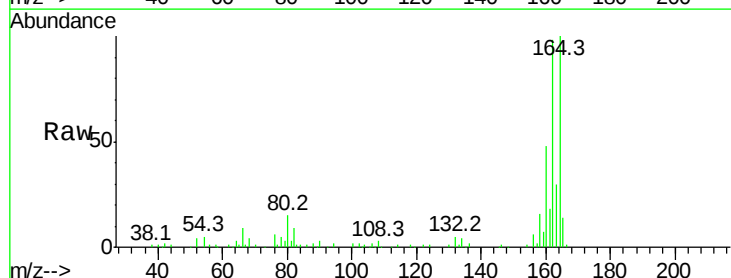
Instrument :
 BNA_G
 ClientSampleId :

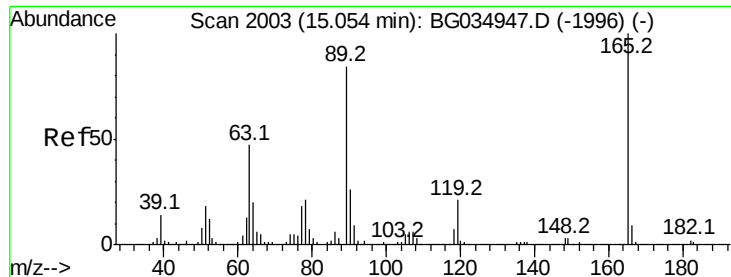
Tot Ion:172 Resp: 721154
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.0 45.0
 170 22.8 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.308 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG035566.D
 Acq: 3 Jul 2018 00:52

Tgt Ion:165 Resp: 11771
 Ion Ratio Lower Upper
 165 100
 63 2.0 52.7 79.1#
 89 2.9 49.2 73.8#

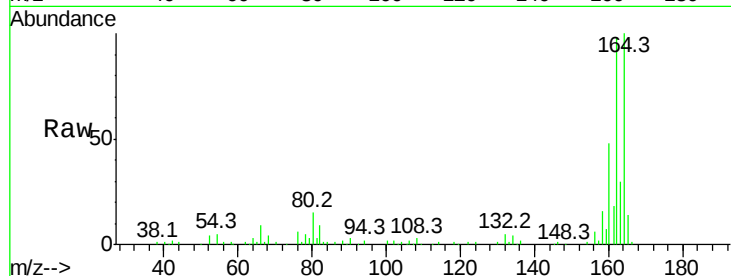




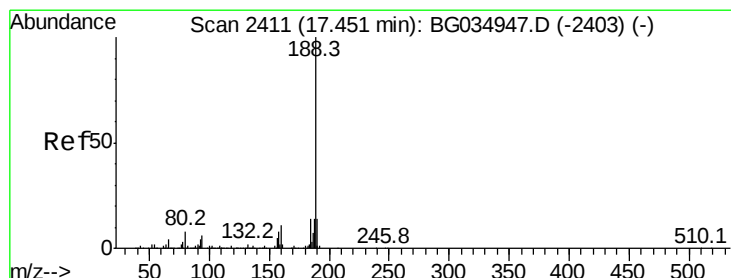
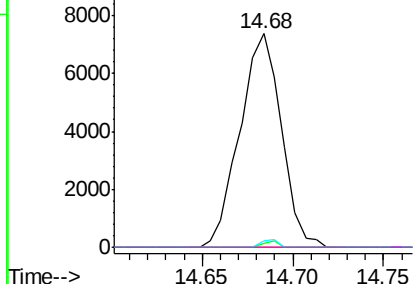
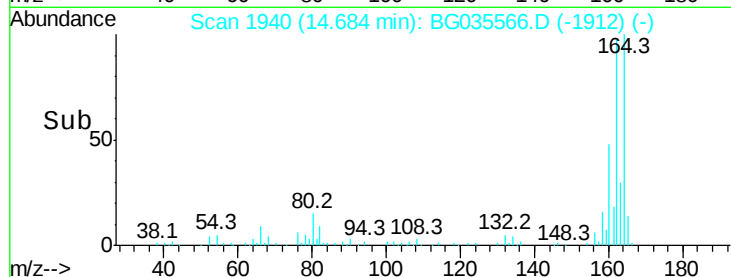
#56
 2,4-Dinitrotoluene
 Concen: 6.254 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.37 min
 Lab File: BG035566.D
 Acq: 3 Jul 2018 00:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 11771
 Ion Ratio Lower Upper
 165 100
 63 2.0 42.0 63.0#
 89 2.9 66.9 100.3#
 182 0.0 2.6 3.8#

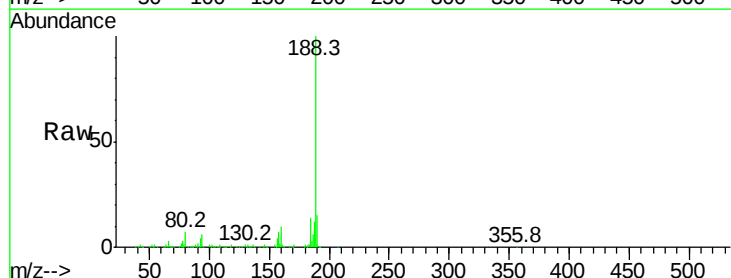


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

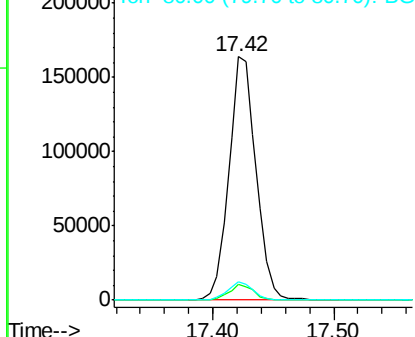
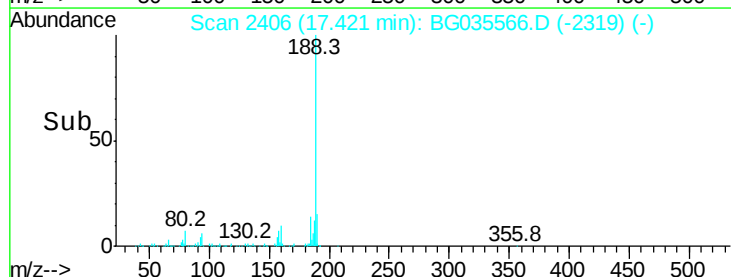


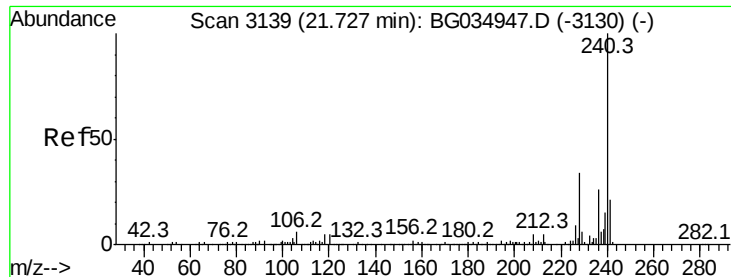
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035566.D
 Acq: 3 Jul 2018 00:52

Tgt Ion:188 Resp: 255194
 Ion Ratio Lower Upper
 188 100
 94 6.5 6.9 10.3#
 80 7.4 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035566.D

Acq: 3 Jul 2018 00:52

Instrument :

BNA_G

ClientSampleId :

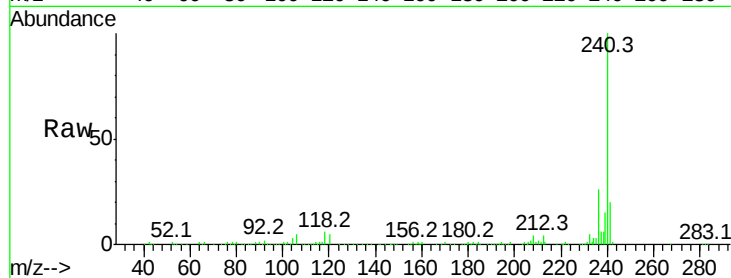
Tot Ion:240 Resp: 301336

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

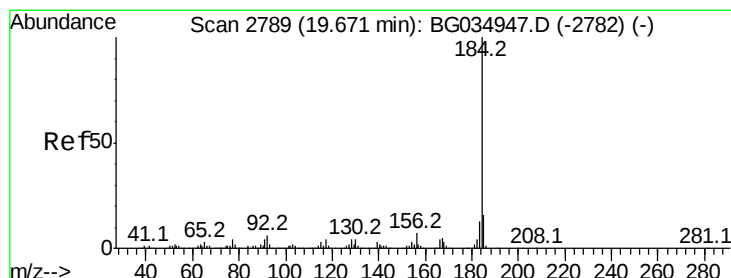
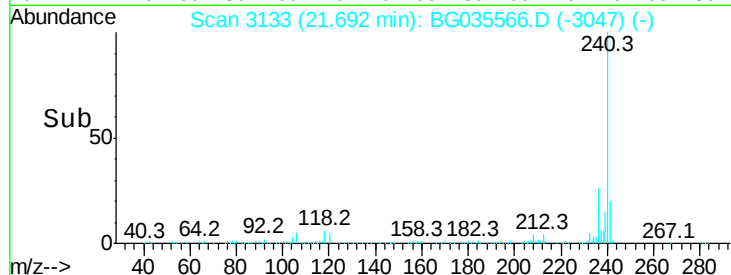
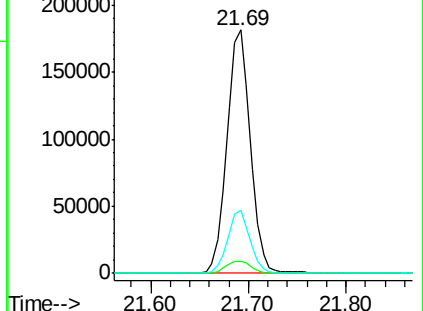
236 26.0 20.9 31.3



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: 2.124 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.36 min

Lab File: BG035566.D

Acq: 3 Jul 2018 00:52

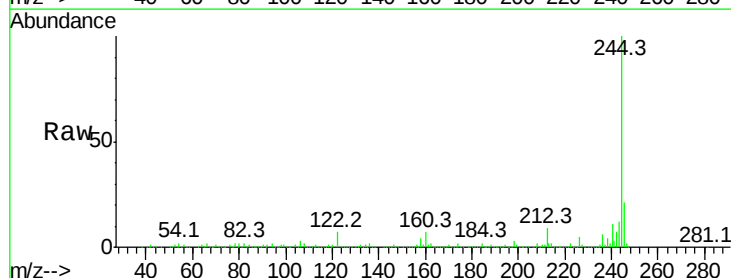
Tgt Ion:184 Resp: 23815

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

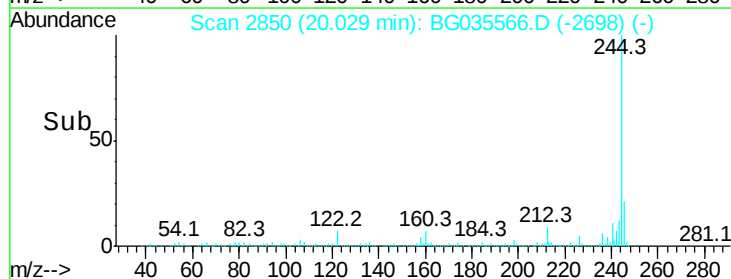
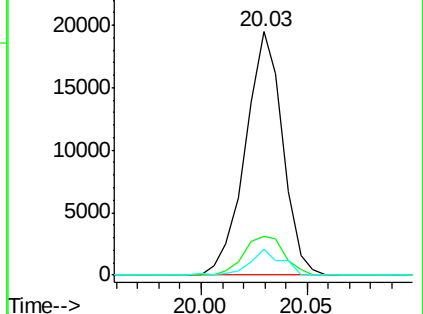
183 10.9 10.6 16.0

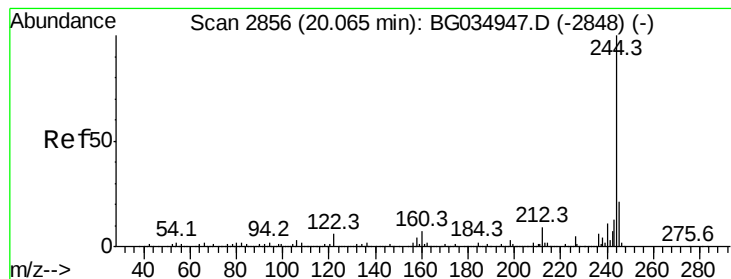


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 105.954 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035566.D

Acq: 3 Jul 2018 00:52

Instrument :

BNA_G

ClientSampled :

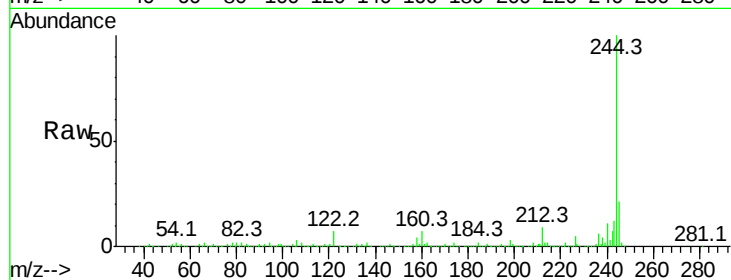
Tot Ion:244 Resp: 1524233

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

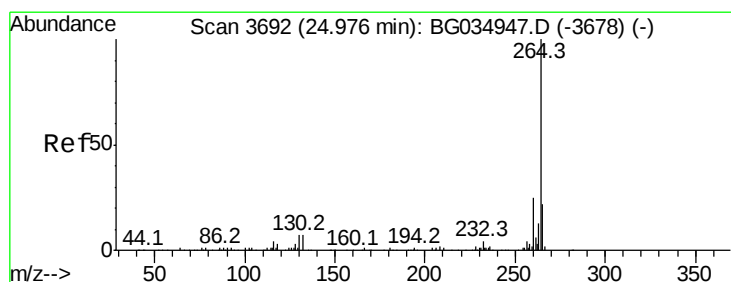
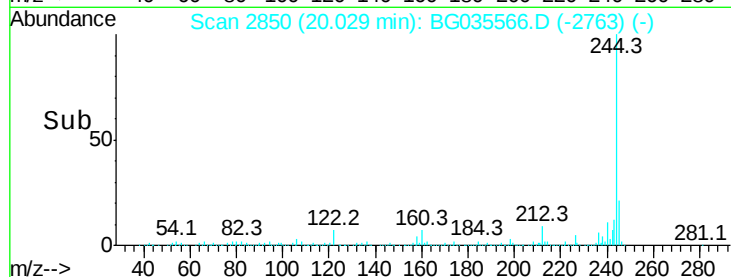
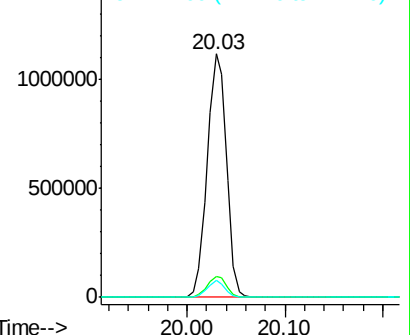
122 6.8 7.0 10.4#



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: 24.91 min Scan# 3681

Delta R.T. -0.04 min

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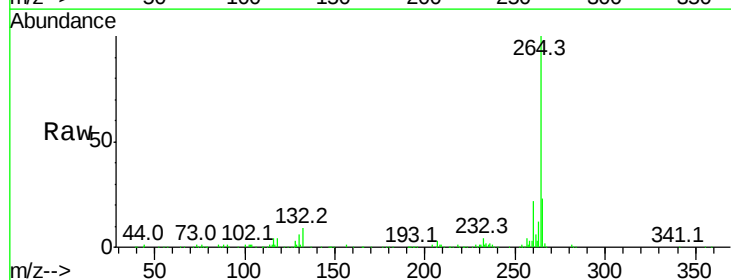
Tgt Ion:264 Resp: 284642

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 22.8 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

