

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036437.D
 Acq On : 27 Aug 2018 18:39
 Operator : JU/SJ
 Sample : J4648-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 03:27:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

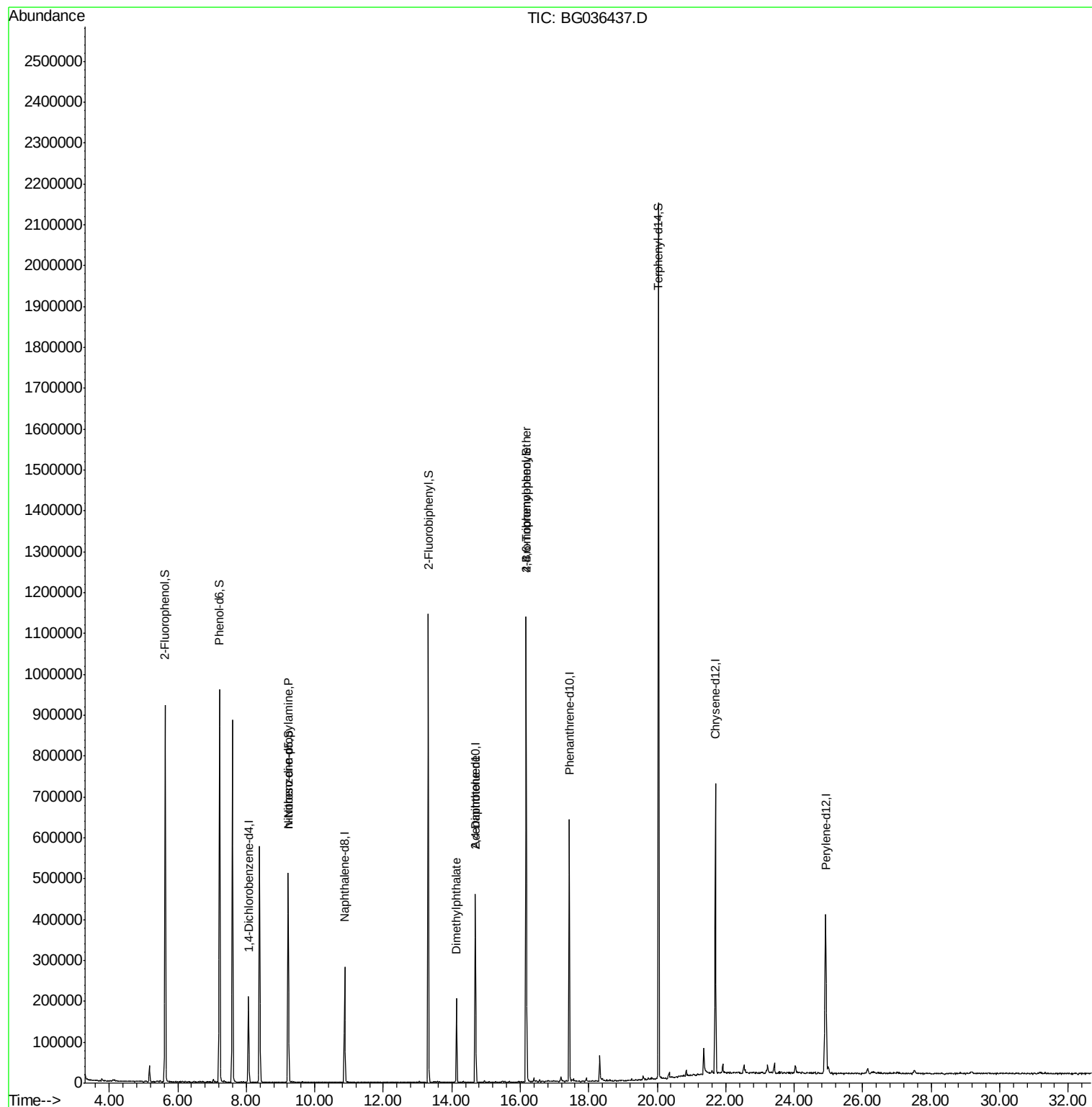
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58201	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	243791	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	157669	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	396053	20.00	ng	0.00
75) Chrysene-d12	21.70	240	432885	20.00	ng	-0.02
86) Perylene-d12	24.92	264	436701	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	385669	105.12	ng	0.00
7) Phenol-d6	7.22	99	549276	104.56	ng	0.00
23) Nitrobenzene-d5	9.22	82	312461	69.54	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	203333	108.08	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	597250	54.09	ng	0.00
78) Terphenyl-d14	20.04	244	1000460	54.02	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	41618	10.601	ng	# 71
49) Dimethylphthalate	14.14	163	139639	10.846	ng	100
56) 2,4-Dinitrotoluene	14.69	165	20102	5.822	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	15219	3.282	ng	# 1

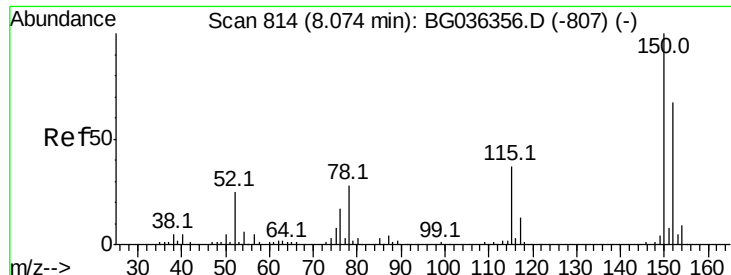
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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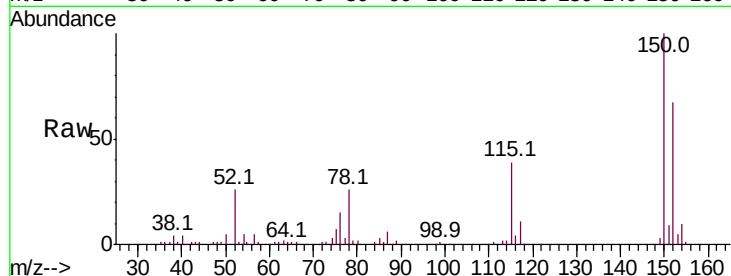


#1

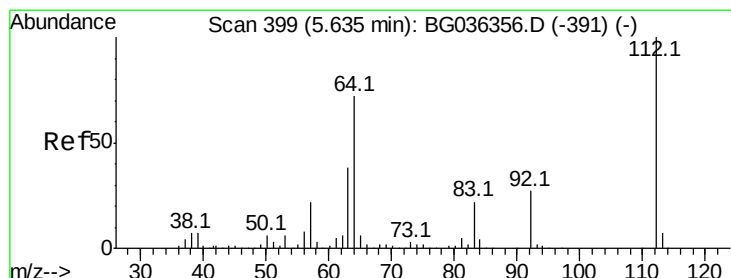
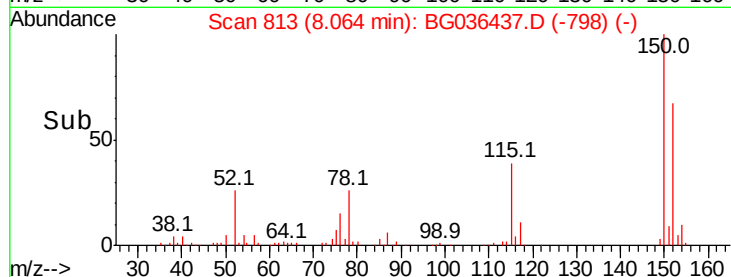
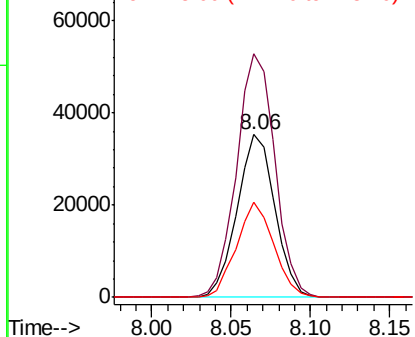
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036437.D
Acq: 27 Aug 2018 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58201
Ion Ratio Lower Upper
152 100
150 149.7 119.5 179.3
115 58.9 44.5 66.7



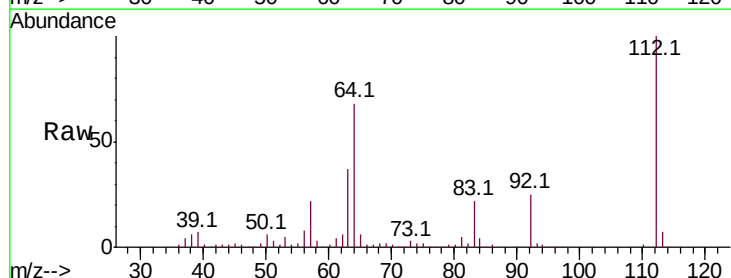
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



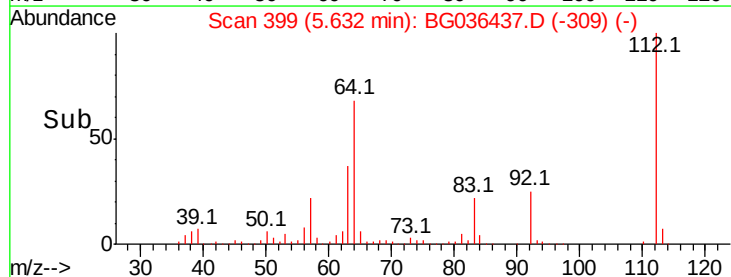
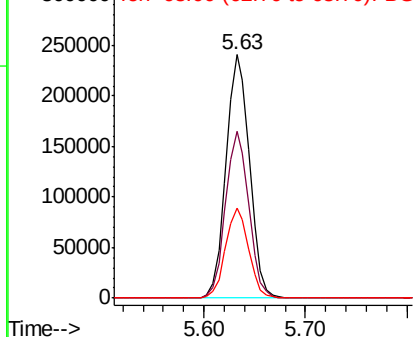
#5

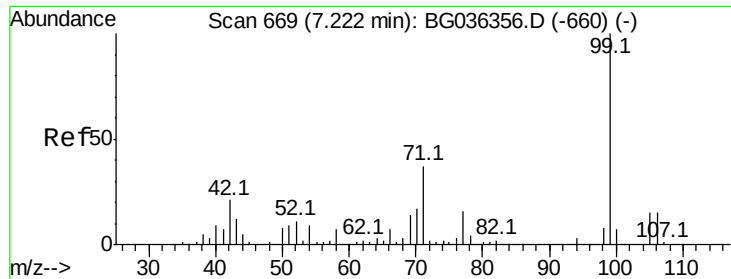
2-Fluorophenol
Concen: 105.116 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036437.D
Acq: 27 Aug 2018 18:39

Tgt Ion:112 Resp: 385669
Ion Ratio Lower Upper
112 100
64 68.3 57.2 85.8
63 37.0 30.8 46.2



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: 104.563 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036437.D

Acq: 27 Aug 2018 18:39

Instrument :

BNA_G

ClientSampleId :

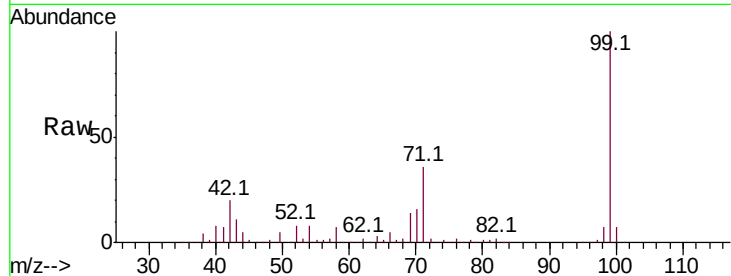
Tot Ion: 99 Resp: 549276

Ion Ratio Lower Upper

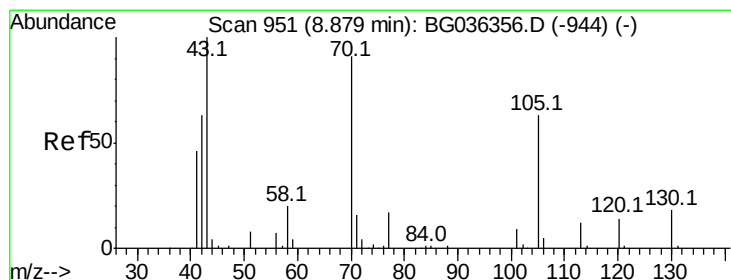
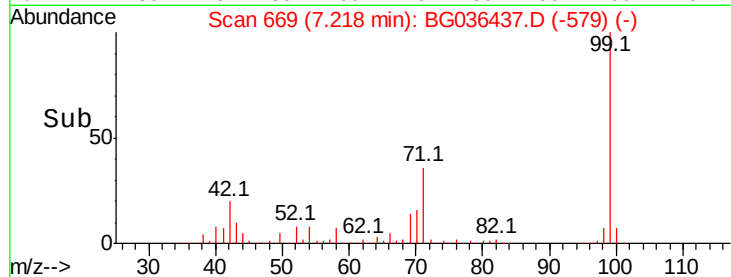
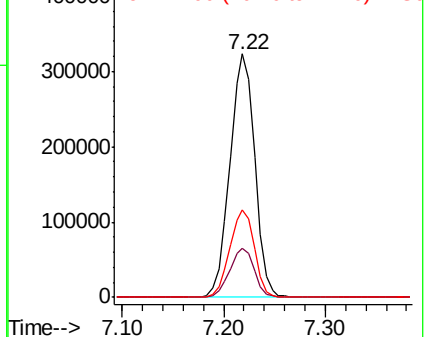
99 100

42 19.9 16.5 24.7

71 35.8 29.4 44.2



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: 10.601 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG036437.D

Acq: 27 Aug 2018 18:39

Tgt Ion: 70 Resp: 41618

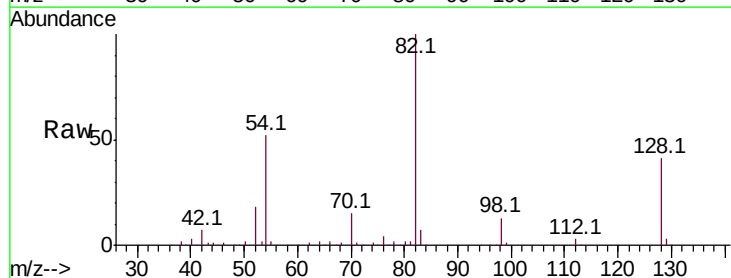
Ion Ratio Lower Upper

70 100

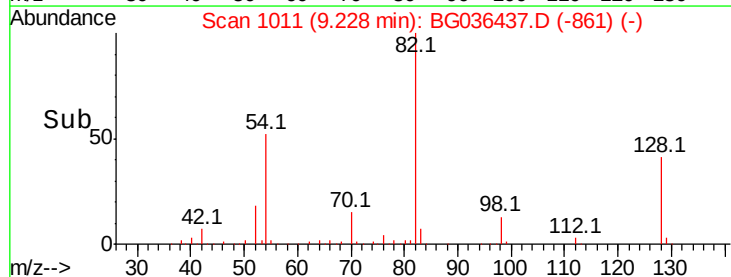
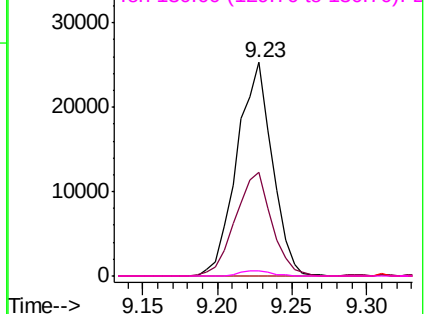
42 48.8 56.2 84.4#

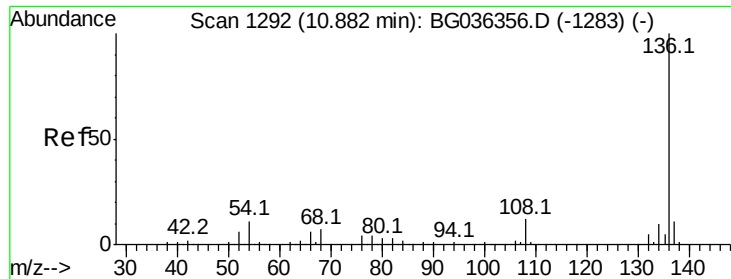
101 0.0 7.8 11.6#

130 2.4 16.2 24.2#



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

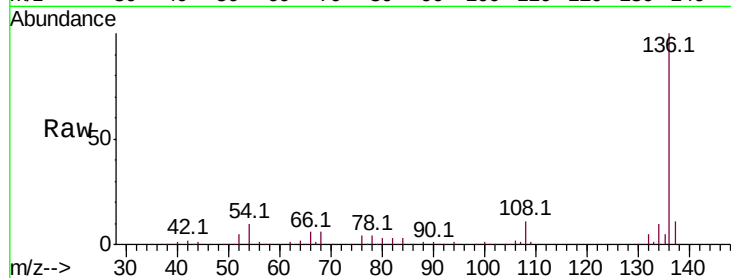




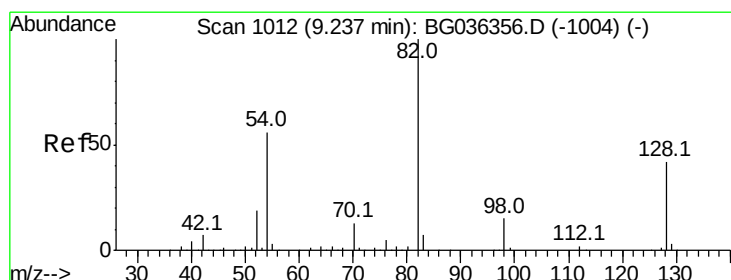
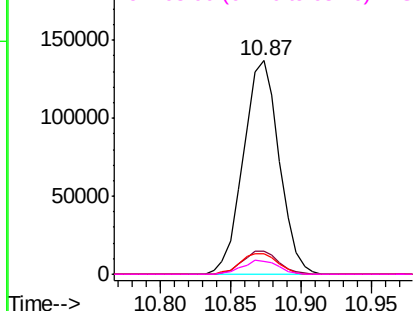
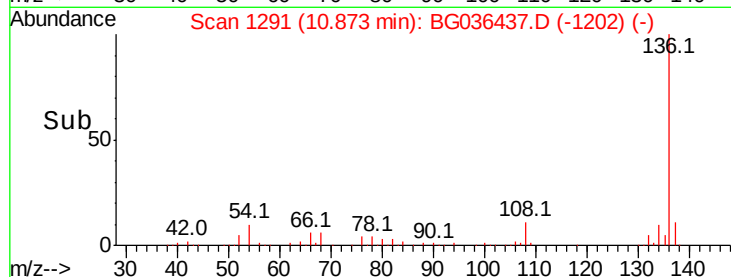
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036437.D
Acq: 27 Aug 2018 18:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	243791
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.8 13.2
54	9.7	9.2 13.8
68	6.1	5.8 8.6

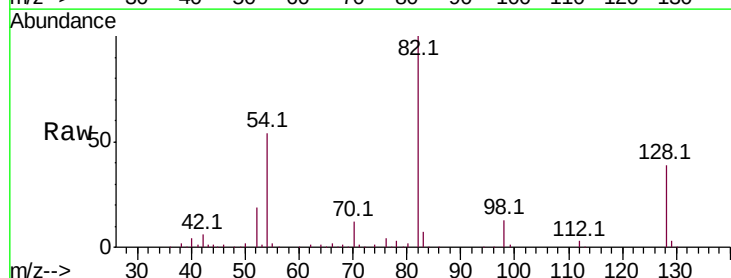


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

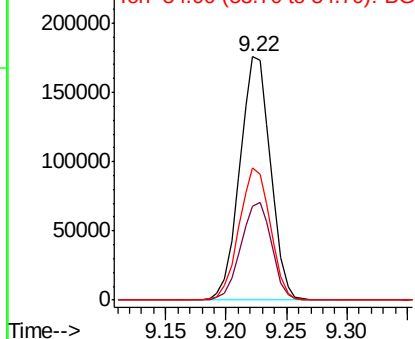
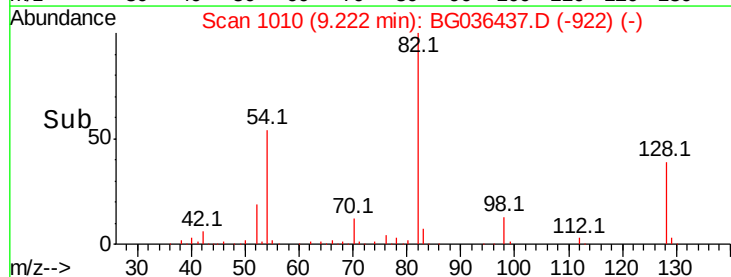


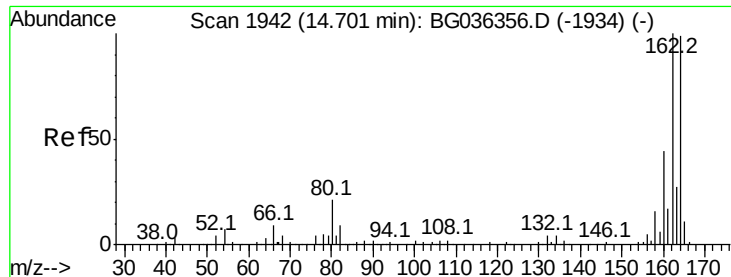
#23
Nitrobenzene-d5
Concen: 69.539 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG036437.D
Acq: 27 Aug 2018 18:39

Tgt Ion: 82	Resp:	312461
Ion	Ratio	Lower Upper
82	100	
128	38.7	33.3 49.9
54	54.4	45.1 67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.02 min

Lab File: BG036437.D

Acq: 27 Aug 2018 18:39

Instrument :

BNA_G

ClientSampleId :

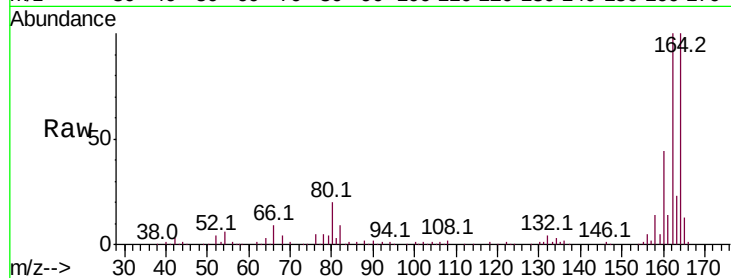
Tot Ion:164 Resp: 157669

Ion Ratio Lower Upper

164 100

162 100.0 80.7 121.1

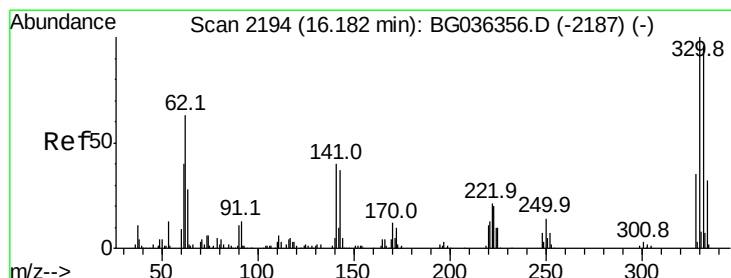
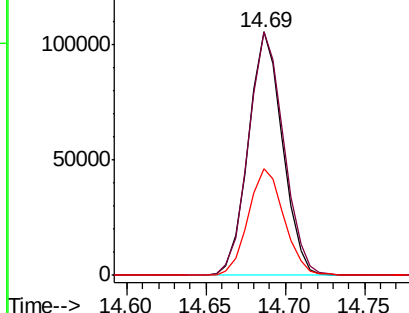
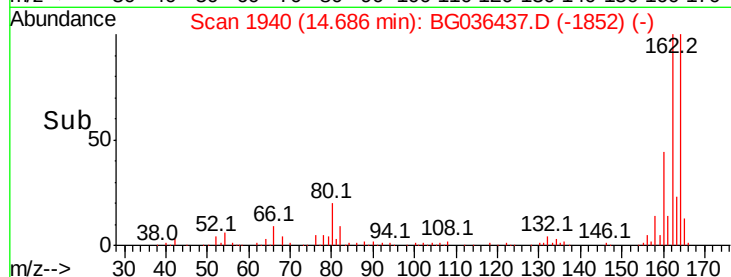
160 44.0 35.3 52.9



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: 108.079 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036437.D

Acq: 27 Aug 2018 18:39

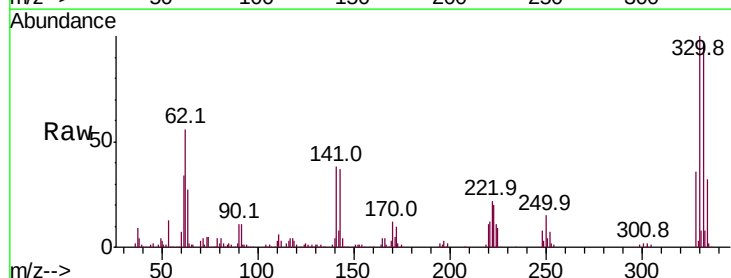
Tgt Ion:330 Resp: 203333

Ion Ratio Lower Upper

330 100

332 95.5 75.4 113.2

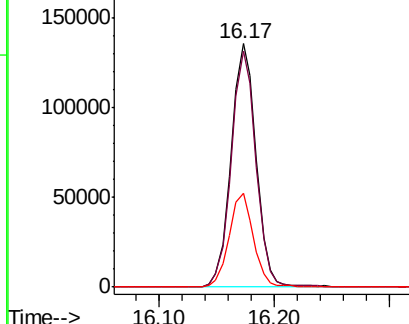
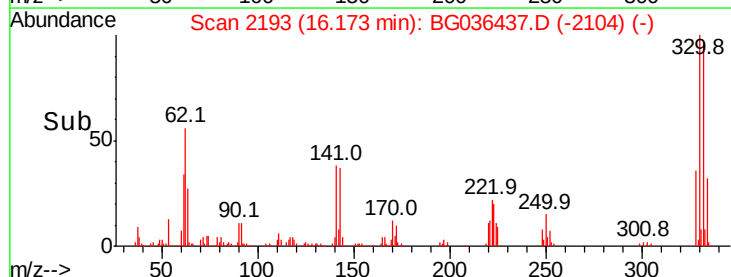
141 37.7 30.7 46.1

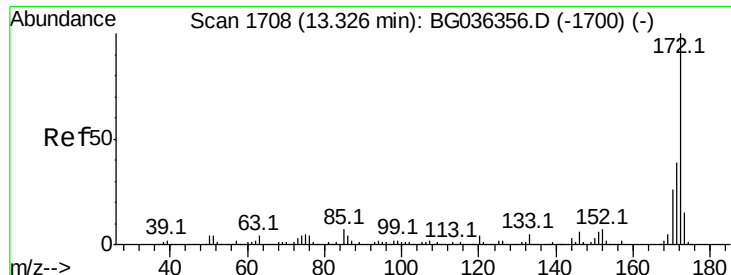


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

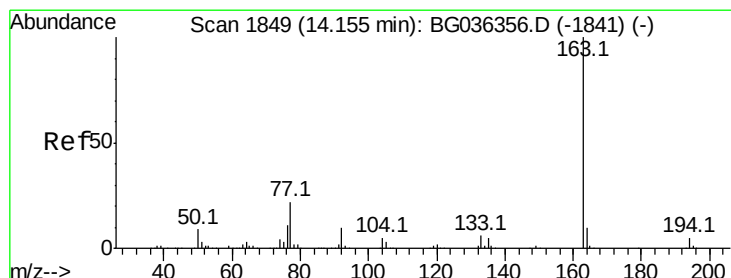
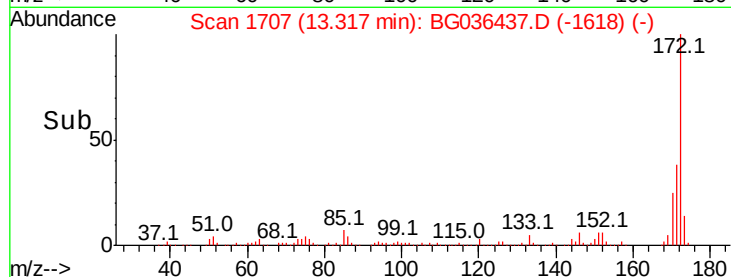
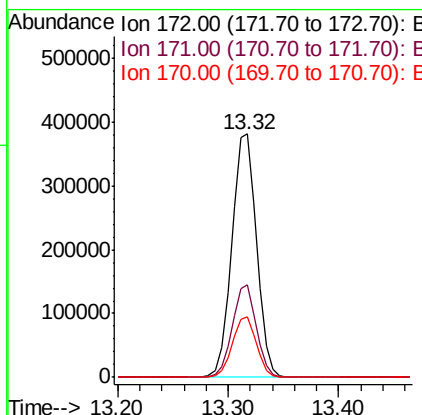
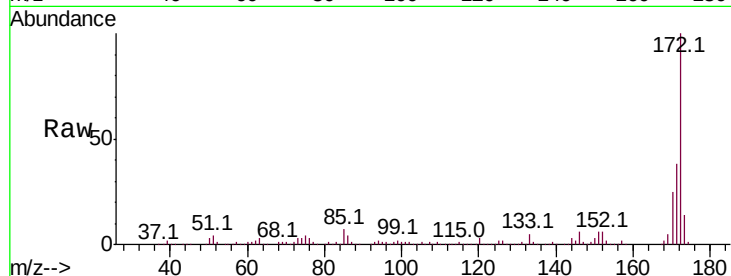




#44
2-Fluorobiphenyl
Concen: 54.086 ng
RT: 13.32 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BG036437.D
Acq: 27 Aug 2018 18:39

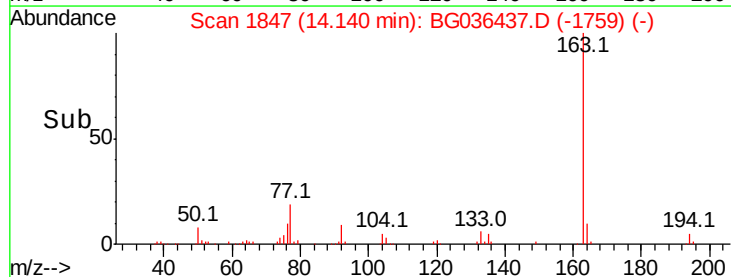
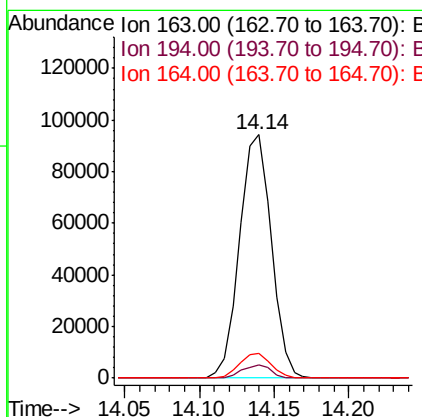
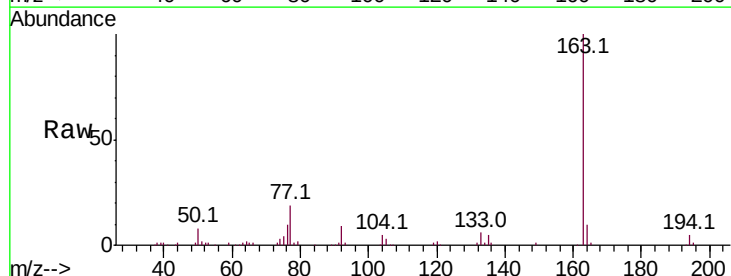
Instrument :
BNA_G
ClientSampleId :

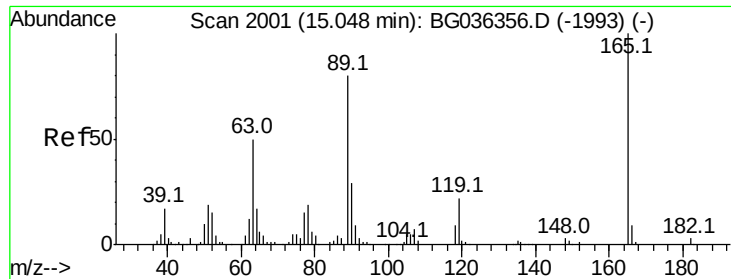
Tot Ion:172 Resp: 597250
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 25.1 21.0 31.6



#49
Dimethylphthalate
Concen: 10.846 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BG036437.D
Acq: 27 Aug 2018 18:39

Tgt Ion:163 Resp: 139639
Ion Ratio Lower Upper
163 100
194 5.2 4.0 6.0
164 10.0 8.1 12.1

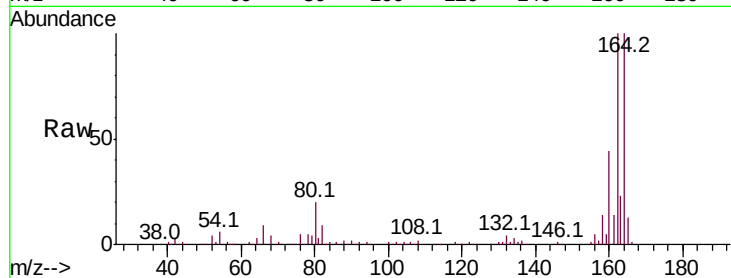




#56
 2,4-Dinitrotoluene
 Concen: 5.822 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036437.D
 Acq: 27 Aug 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.1	60.1#
89	2.0	63.7	95.5#
182	0.0	2.5	3.7#



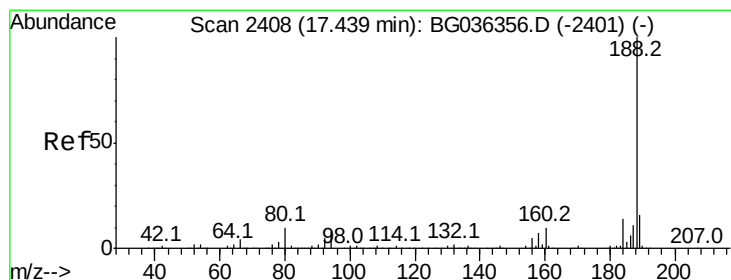
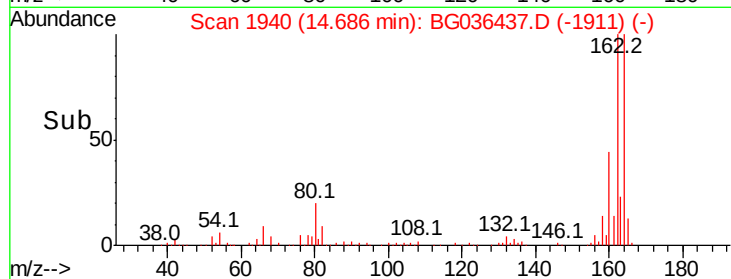
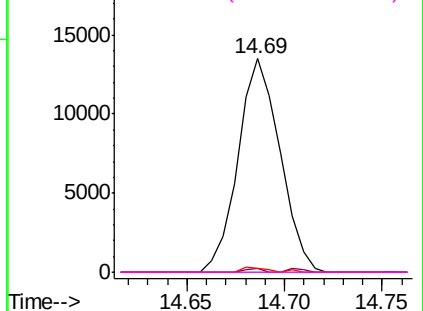
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

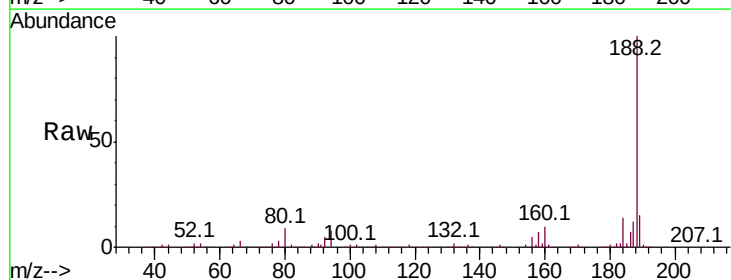
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036437.D
 Acq: 27 Aug 2018 18:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.2	8.1	12.1

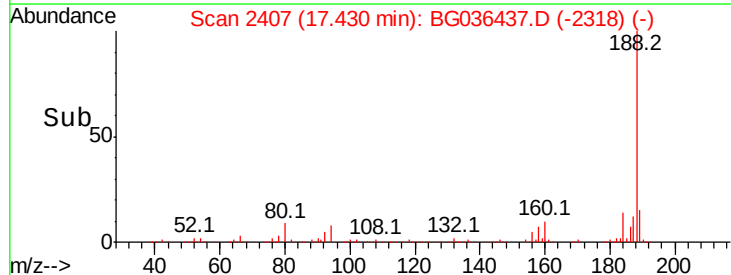
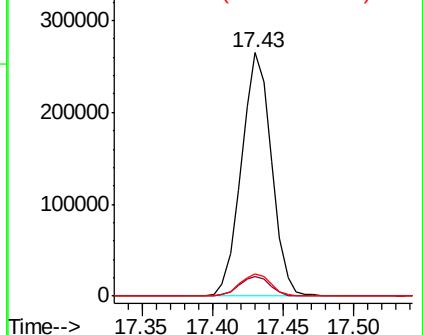


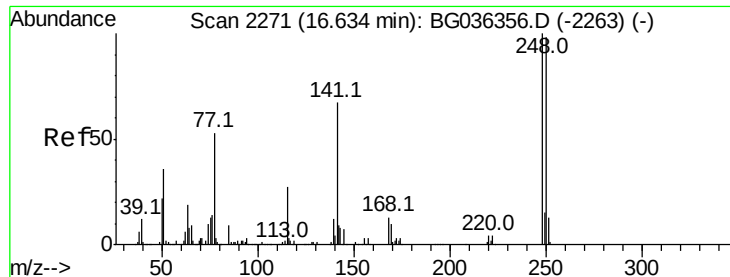
Abundance

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

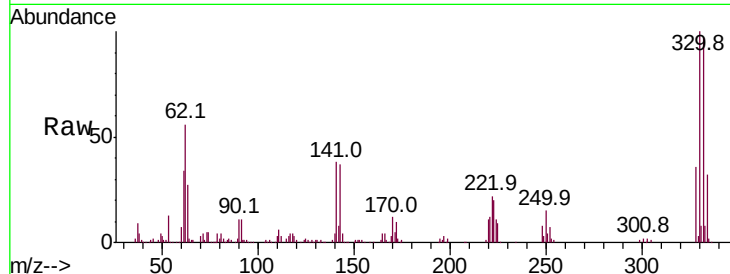




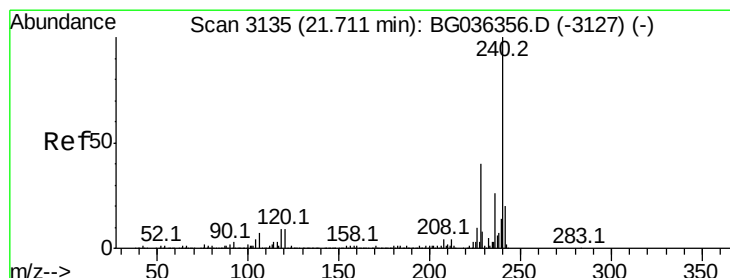
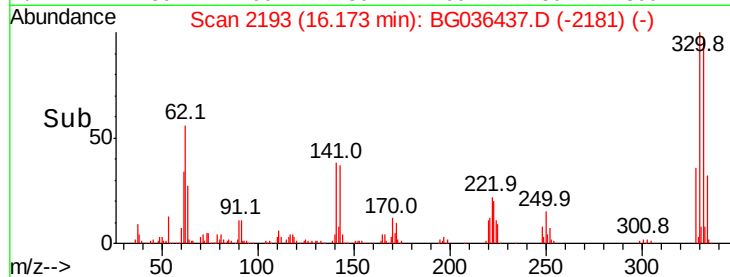
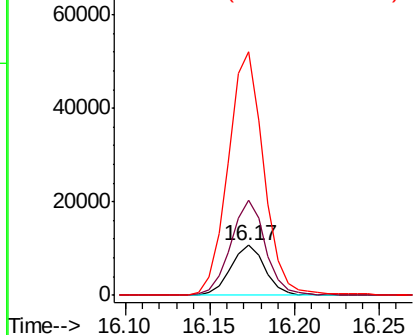
#66
 4-Bromophenyl-phenylether
 Concen: 3.282 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG036437.D
 Acq: 27 Aug 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 15219
 Ion Ratio Lower Upper
 248 100
 250 190.4 78.1 117.1#
 141 486.5 53.7 80.5#

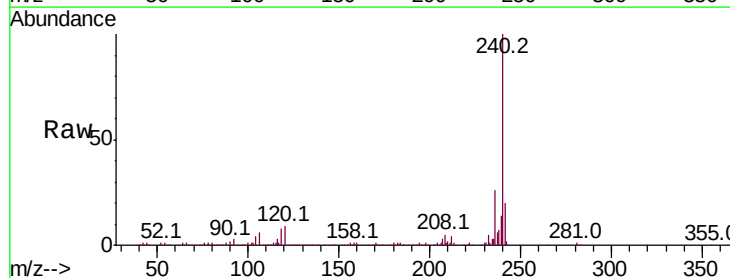


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

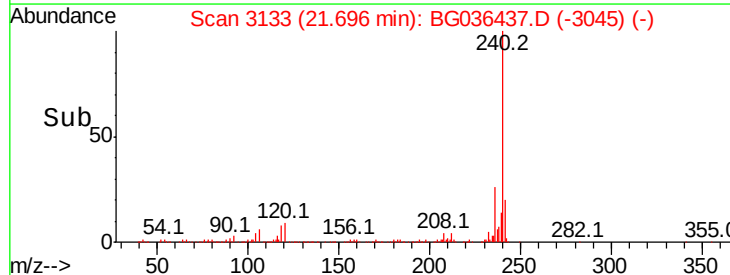
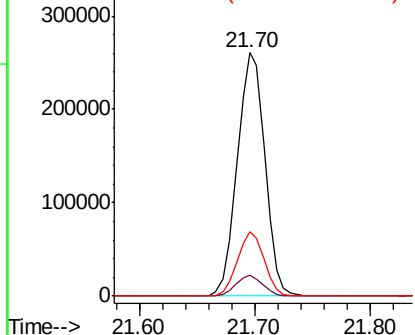


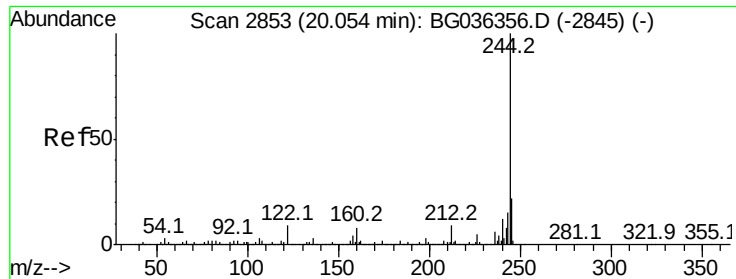
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG036437.D
 Acq: 27 Aug 2018 18:39

Tgt Ion:240 Resp: 432885
 Ion Ratio Lower Upper
 240 100
 120 8.6 6.9 10.3
 236 26.2 21.2 31.8



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: 54.019 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG036437.D

Acq: 27 Aug 2018 18:39

Instrument :

BNA_G

ClientSampled :

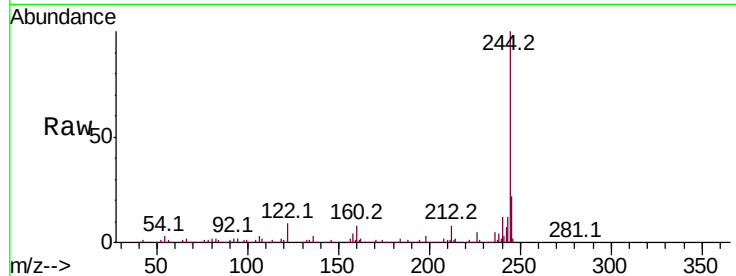
Tot Ion:244 Resp: 1000460

Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.0	10.6
122	8.8	7.1	10.7

244 100

212 7.9 7.0 10.6

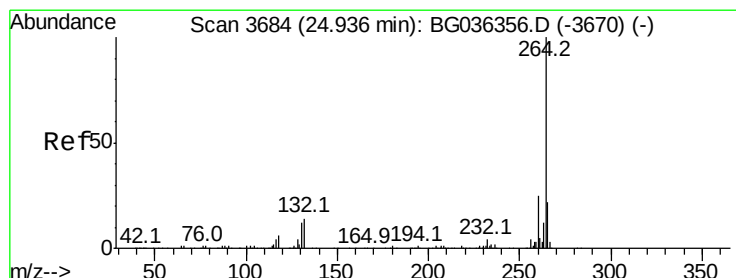
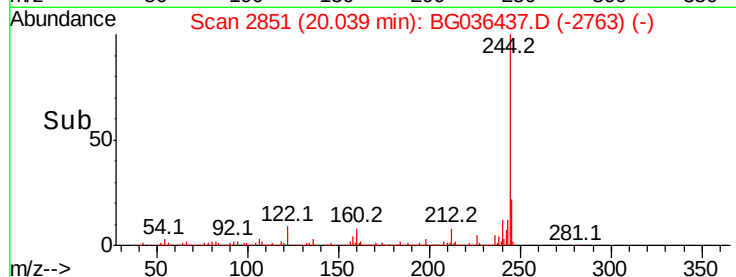
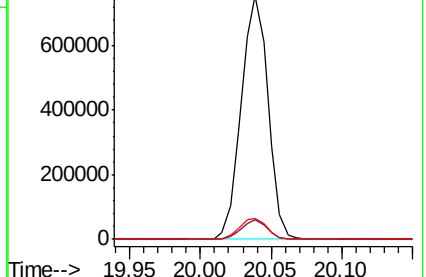
122 8.8 7.1 10.7



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: 24.92 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG036437.D

Acq: 27 Aug 2018 18:39

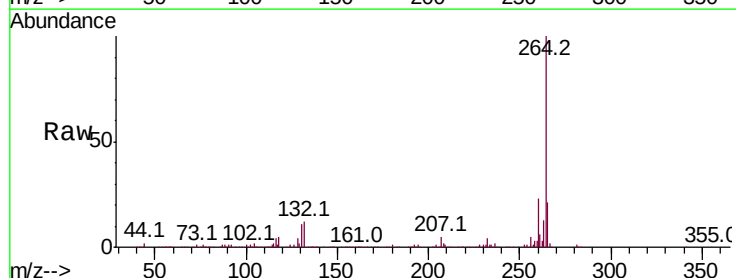
Tgt Ion:264 Resp: 436701

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	21.1	17.4	26.0

264 100

260 23.4 19.6 29.4

265 21.1 17.4 26.0



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

