

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082518\
 Data File : BG036419.D
 Acq On : 24 Aug 2018 18:56
 Operator : JU/SJ
 Sample : PB112350BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112350BL

Quant Time: Aug 25 05:08:00 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

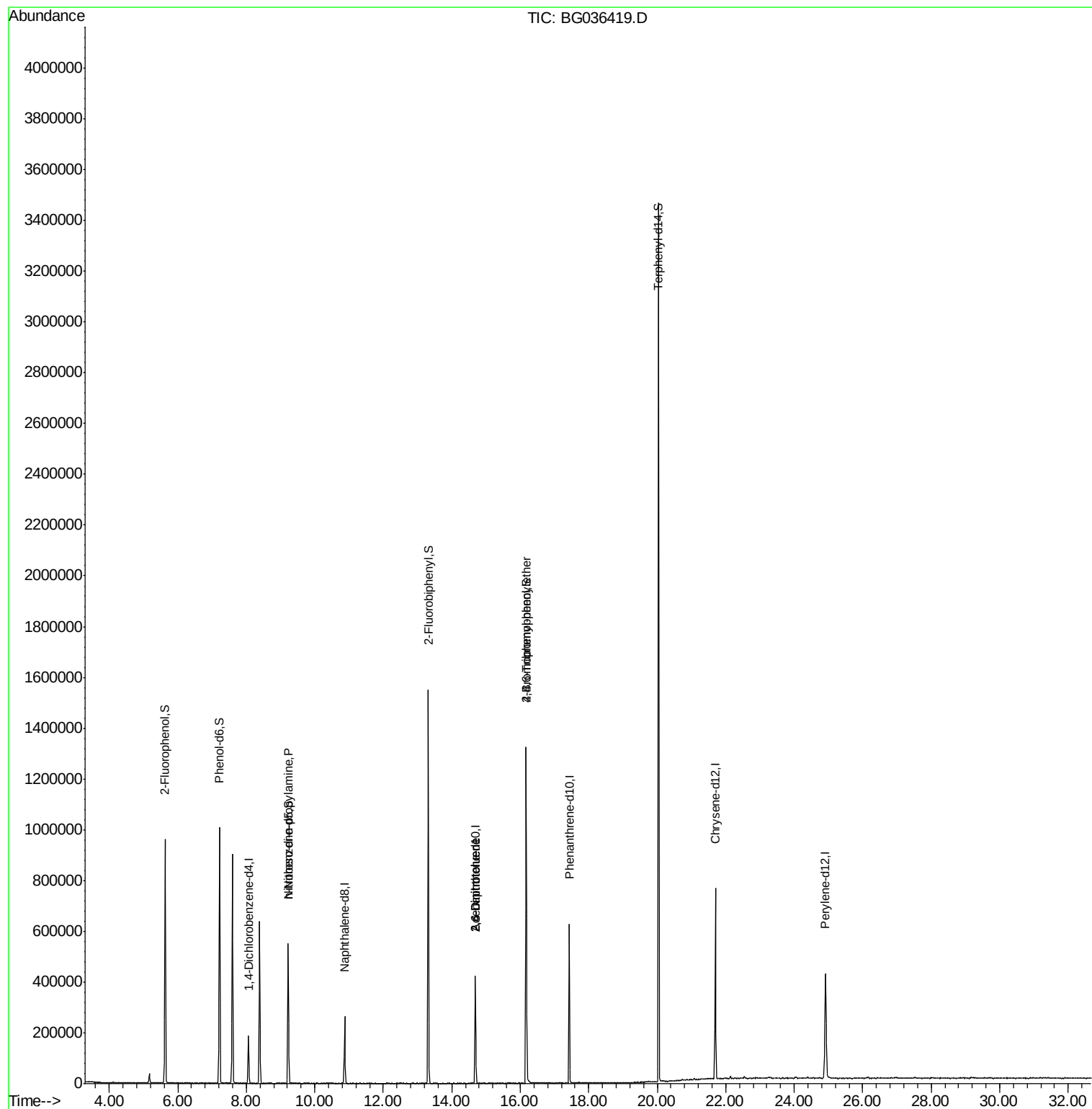
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	52367	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	222284	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	148189	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	402456	20.00	ng	0.00
75) Chrysene-d12	21.70	240	449635	20.00	ng	-0.01
86) Perylene-d12	24.91	264	448370	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	395807	119.90	ng	0.00
7) Phenol-d6	7.22	99	556743	117.79	ng	0.00
23) Nitrobenzene-d5	9.23	82	332644	81.19	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	248826	140.72	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	811897	78.23	ng	0.00
78) Terphenyl-d14	20.04	244	1536009	79.85	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	44376	12.562	ng	# 74
50) 2,6-Dinitrotoluene	14.69	165	18153	7.291	ng	# 21
56) 2,4-Dinitrotoluene	14.69	165	18153	5.594	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	17399	3.693	ng	# 1

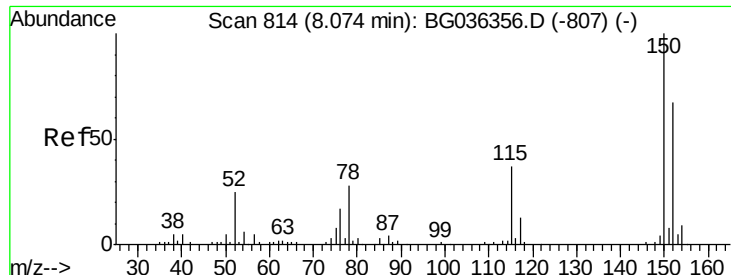
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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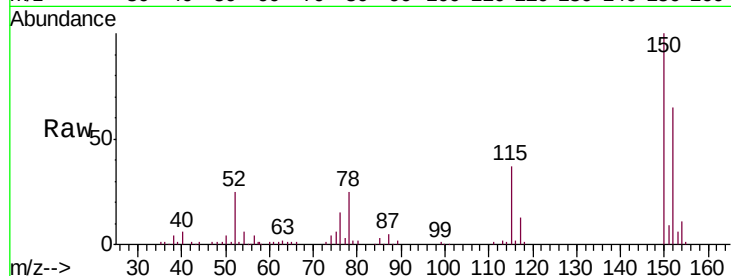


#1

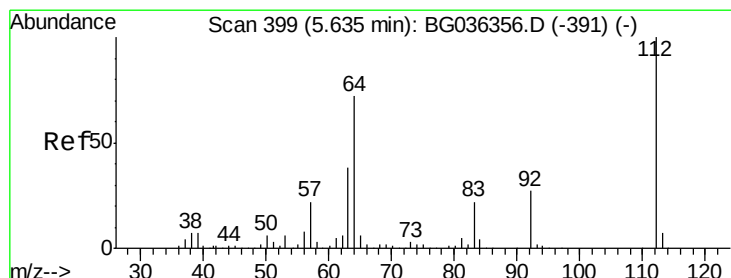
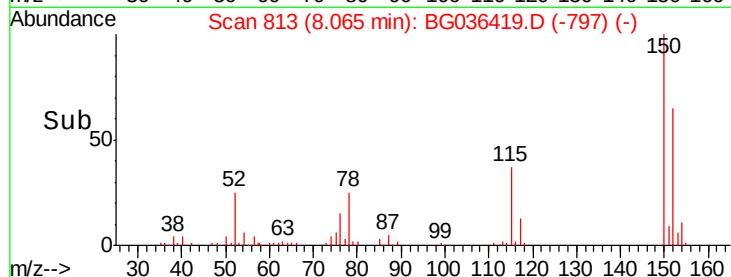
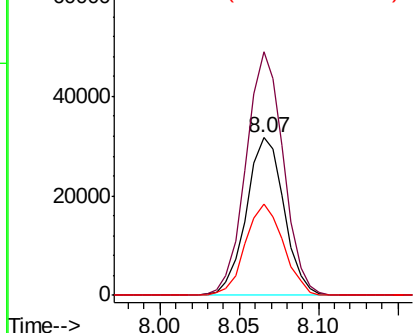
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036419.D
Acq: 24 Aug 2018 18:56

Instrument :
BNA_G
ClientSampleId :
PB112350BL

Tgt Ion:152 Resp: 52367
Ion Ratio Lower Upper
152 100
150 154.5 119.5 179.3
115 57.6 44.5 66.7



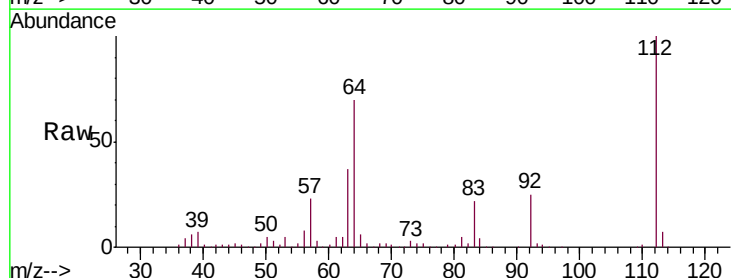
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



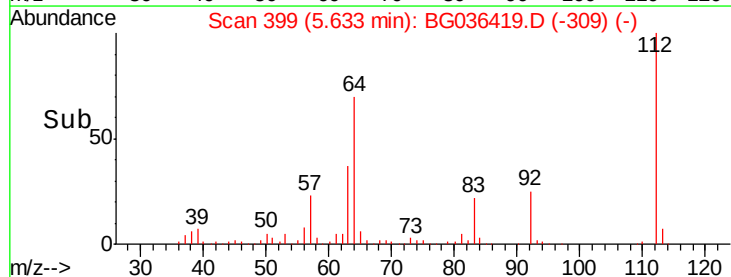
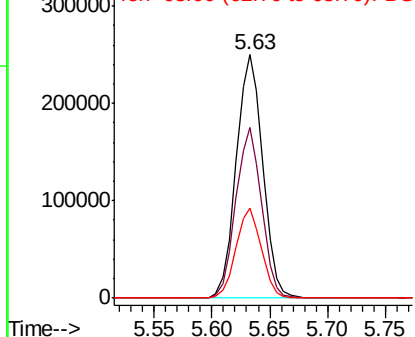
#5

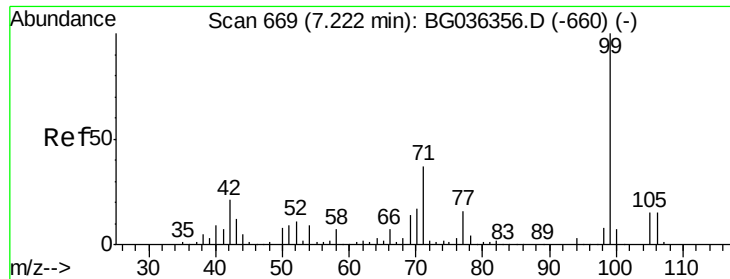
2-Fluorophenol
Concen: 119.897 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036419.D
Acq: 24 Aug 2018 18:56

Tgt Ion:112 Resp: 395807
Ion Ratio Lower Upper
112 100
64 69.9 57.2 85.8
63 36.7 30.8 46.2



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: 117.791 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036419.D

Acq: 24 Aug 2018 18:56

Instrument :

BNA_G

ClientSampleId :

PB112350BL

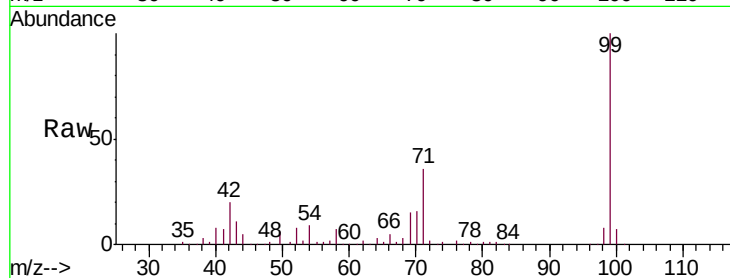
Tgt Ion: 99 Resp: 556743

Ion Ratio Lower Upper

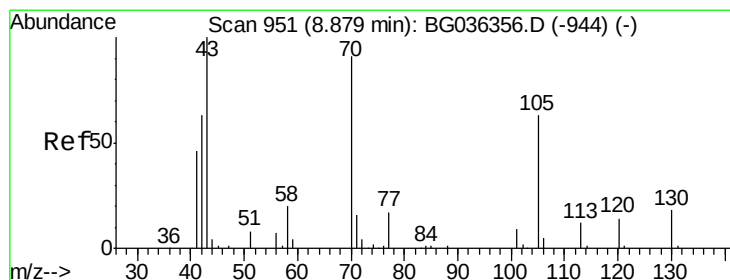
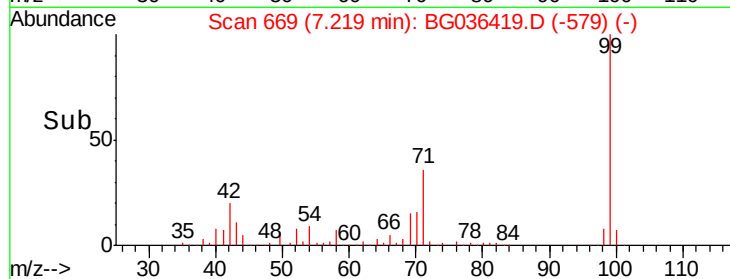
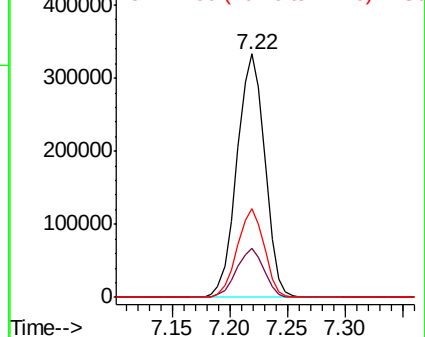
99 100

42 20.1 16.5 24.7

71 36.4 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: 12.562 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG036419.D

Acq: 24 Aug 2018 18:56

Tgt Ion: 70 Resp: 44376

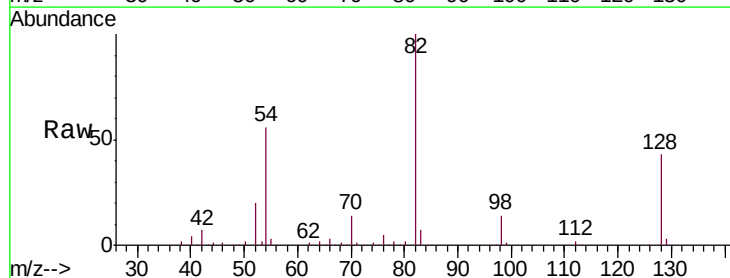
Ion Ratio Lower Upper

70 100

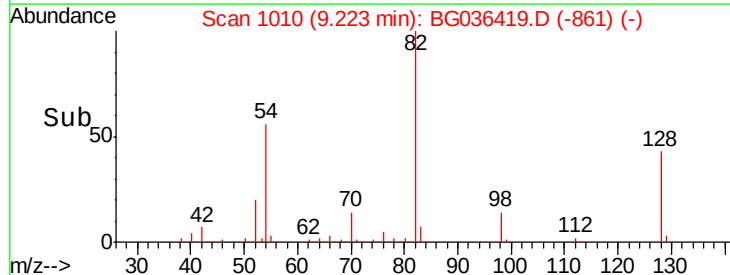
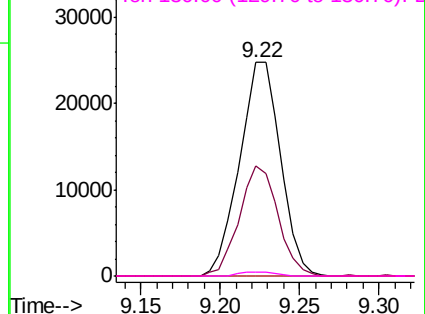
42 51.7 56.2 84.4#

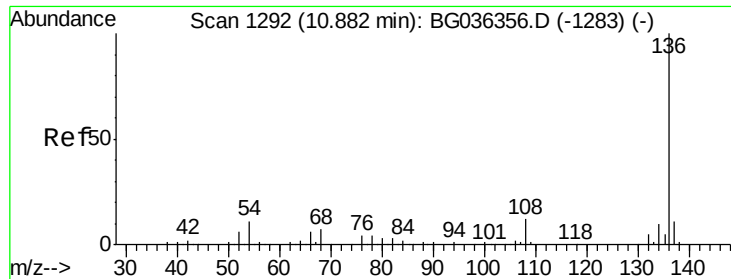
101 0.0 7.8 11.6#

130 1.8 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

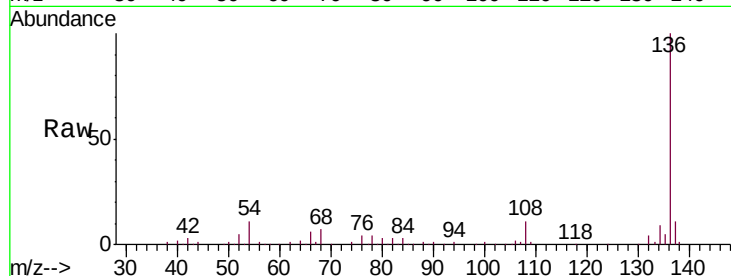




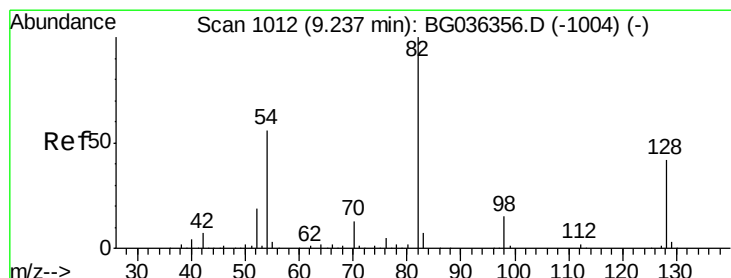
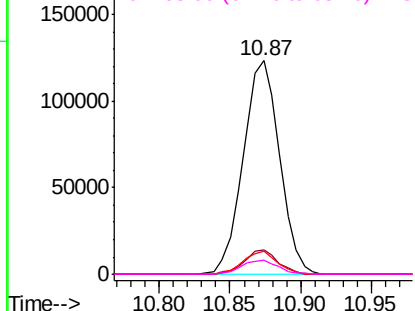
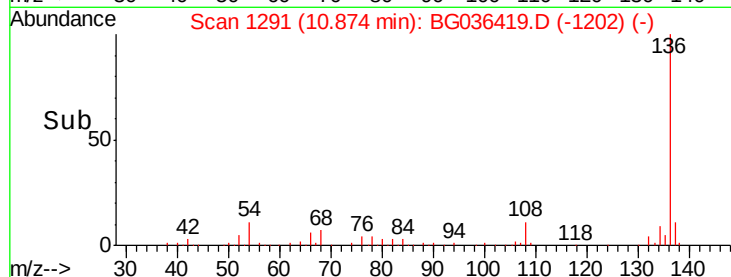
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036419.D
Acq: 24 Aug 2018 18:56

Instrument :
BNA_G
ClientSampleId :
PB112350BL

Tgt Ion:	136	Resp:	222284
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.8	9.2	13.8
68	6.6	5.8	8.6

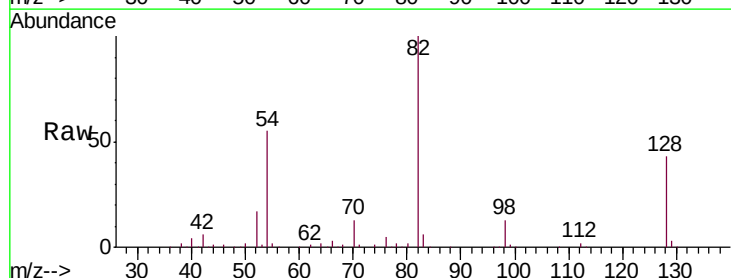


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

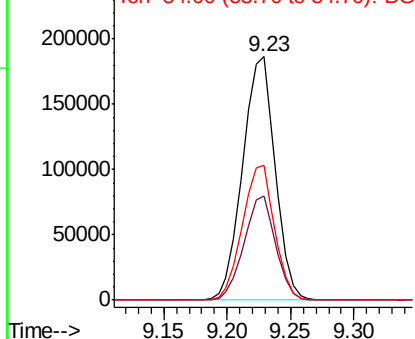
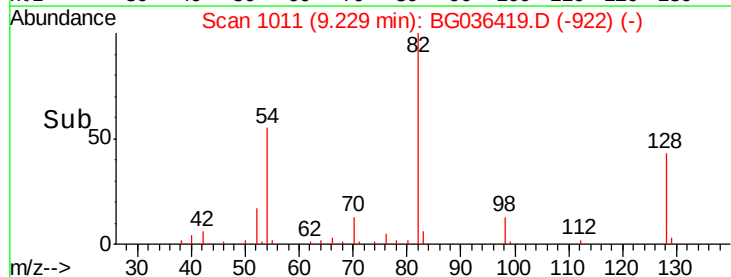


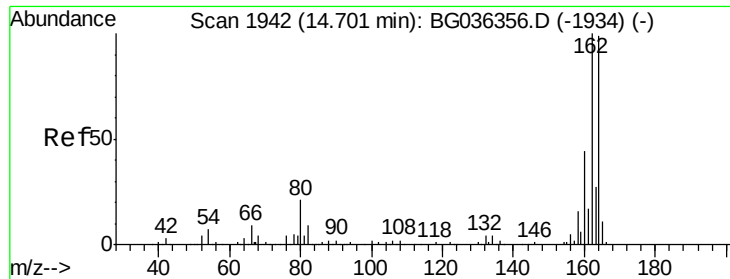
#23
Nitrobenzene-d5
Concen: 81.194 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036419.D
Acq: 24 Aug 2018 18:56

Tgt Ion:	82	Resp:	332644
Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.3	49.9
54	55.3	45.1	67.7



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

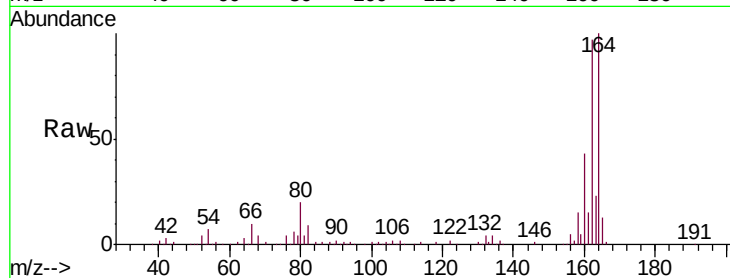




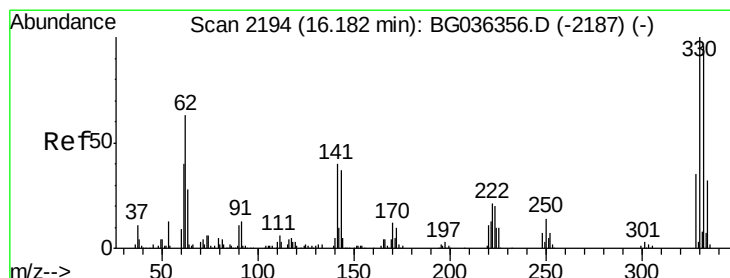
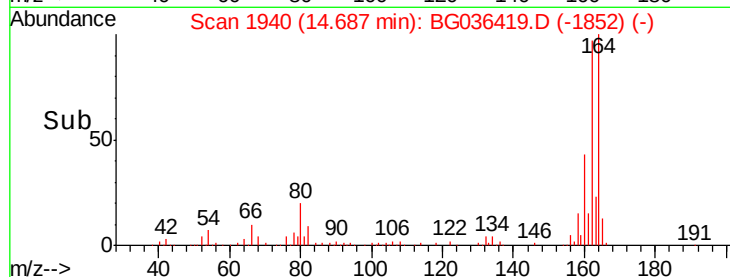
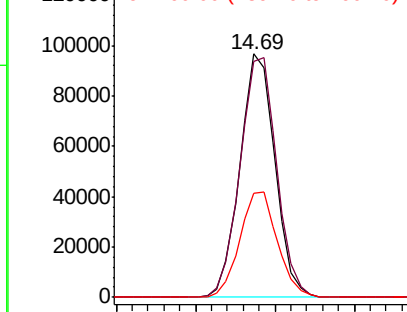
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036419.D
Acq: 24 Aug 2018 18:56

Instrument :
BNA_G
ClientSampleId :
PB112350BL

Tgt Ion:164 Resp: 148189
Ion Ratio Lower Upper
164 100
162 97.1 80.7 121.1
160 42.8 35.3 52.9

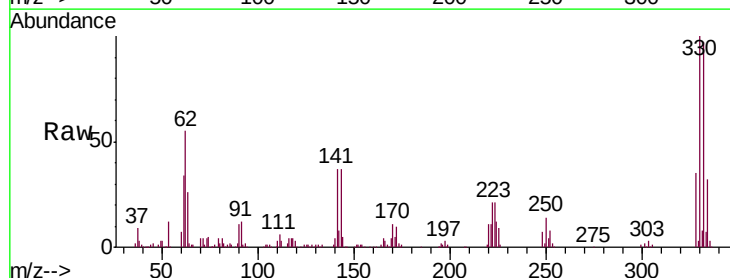


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

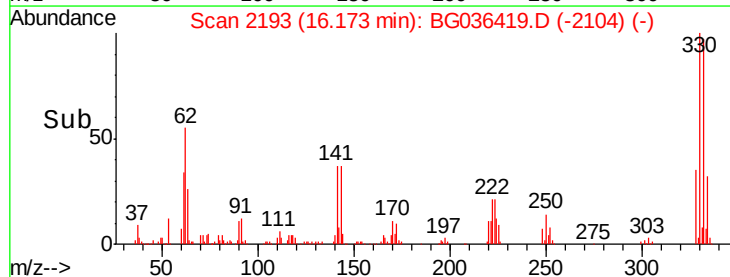
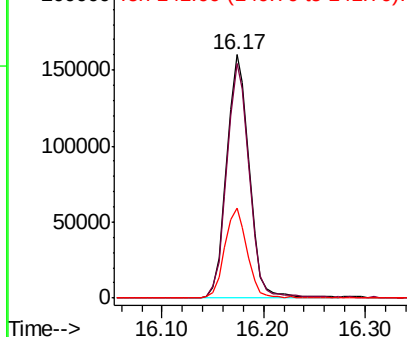


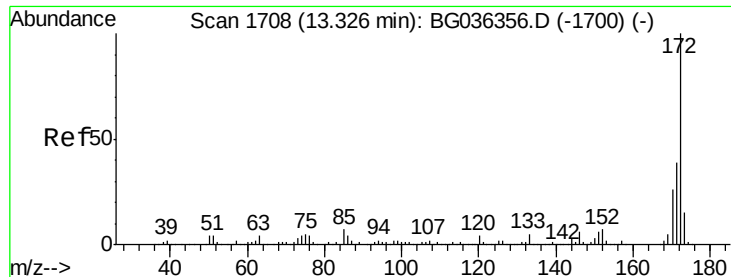
#41
2,4,6-Tribromophenol
Concen: 140.721 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG036419.D
Acq: 24 Aug 2018 18:56

Tgt Ion:330 Resp: 248826
Ion Ratio Lower Upper
330 100
332 96.1 75.4 113.2
141 36.6 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

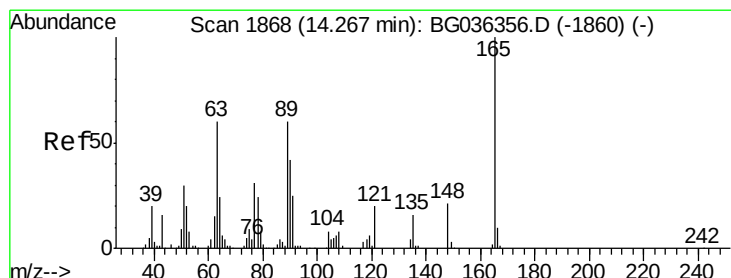
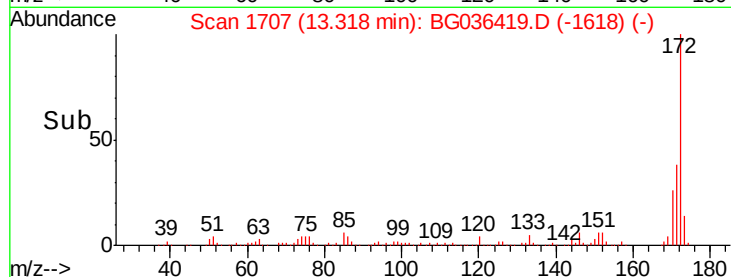
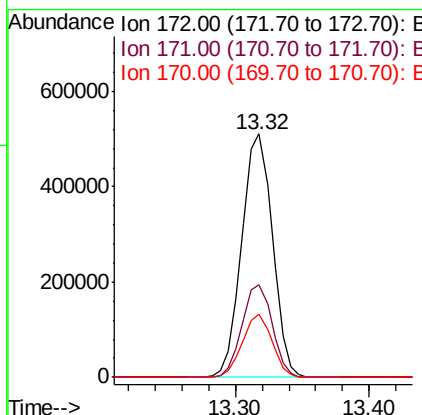
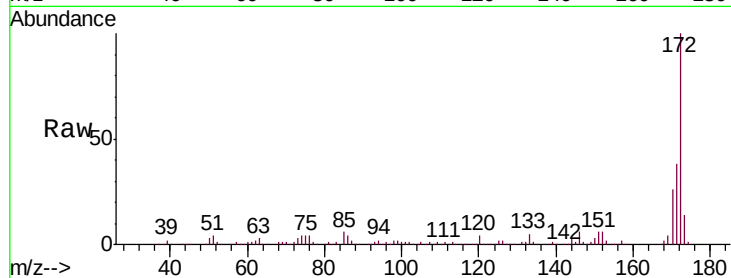




#44
 2-Fluorobiphenyl
 Concen: 78.227 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036419.D
 Acq: 24 Aug 2018 18:56

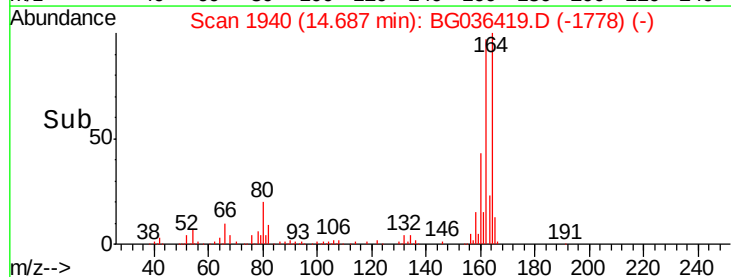
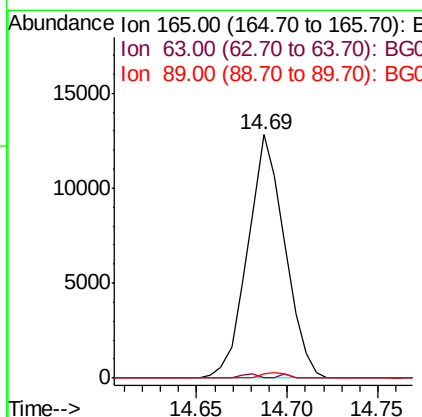
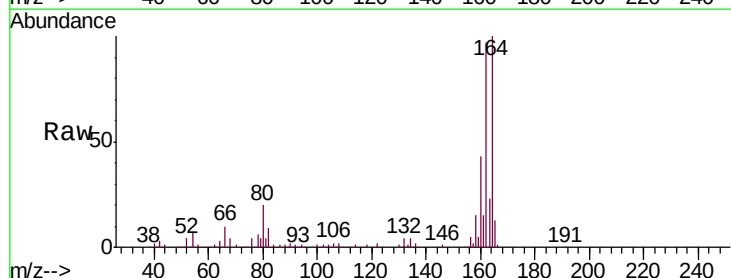
Instrument :
 BNA_G
 ClientSampleId :
 PB112350BL

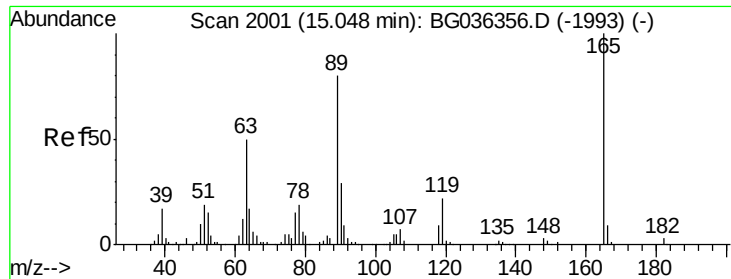
Tgt Ion:172 Resp: 811897
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.3 46.9
 170 25.9 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.291 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG036419.D
 Acq: 24 Aug 2018 18:56

Tgt Ion:165 Resp: 18153
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 1.5 47.8 71.6#

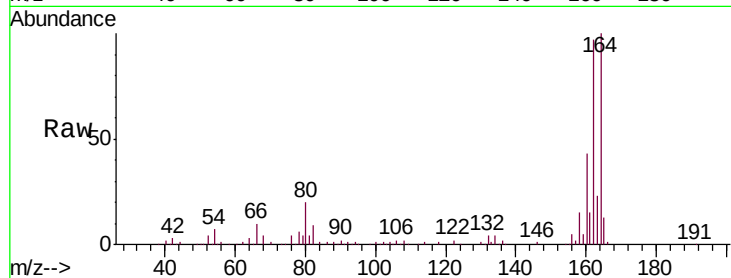




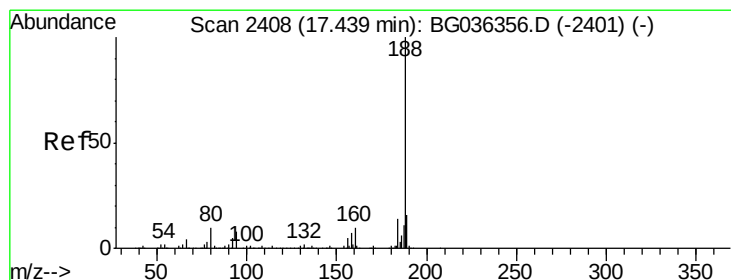
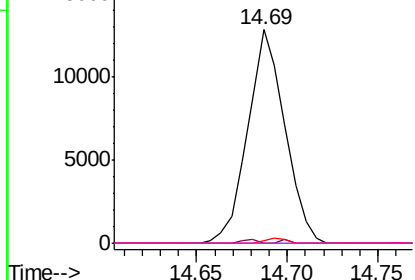
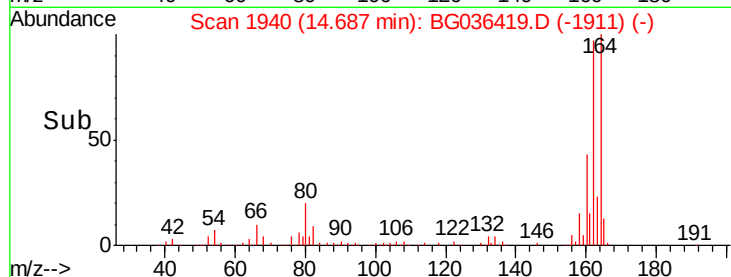
#56
 2,4-Dinitrotoluene
 Concen: 5.594 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036419.D
 Acq: 24 Aug 2018 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB112350BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.5	63.7	95.5#
182	0.0	2.5	3.7#

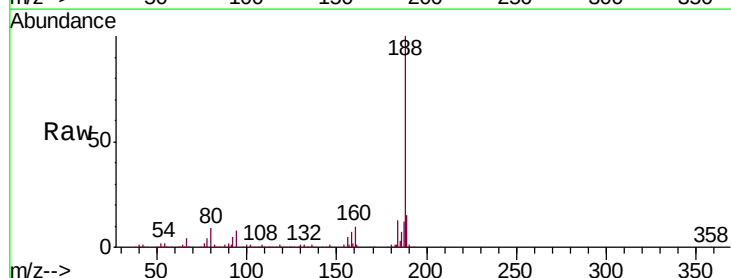


Abundance Ion 165.00 (164.70 to 165.70): E
 20000
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

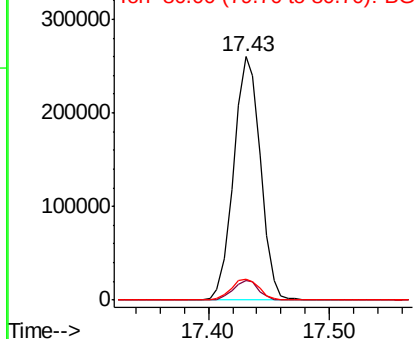
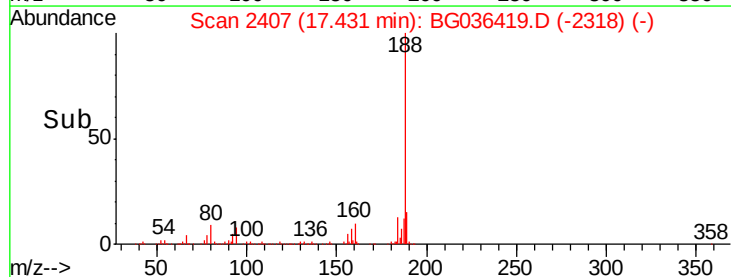


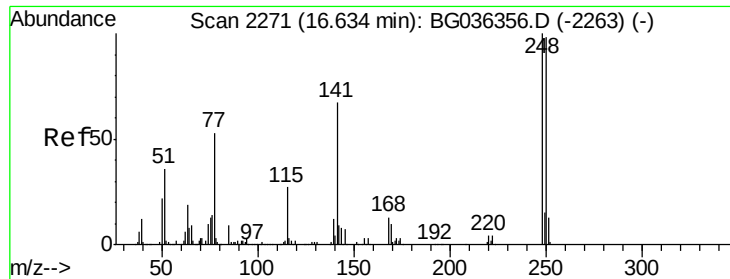
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036419.D
 Acq: 24 Aug 2018 18:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	8.7	8.1	12.1



Abundance Ion 188.00 (187.70 to 188.70): E
 300000
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

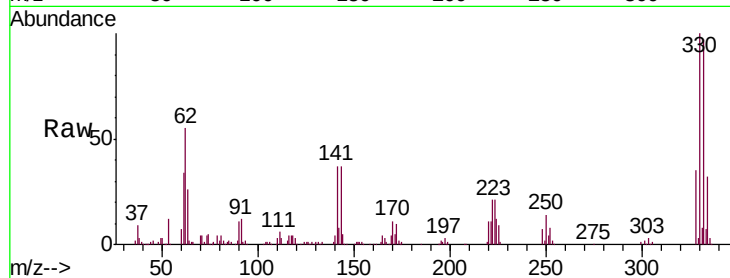




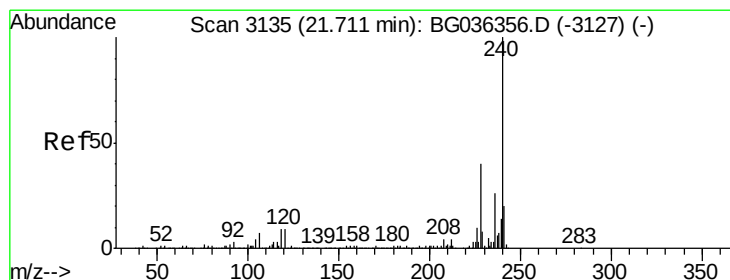
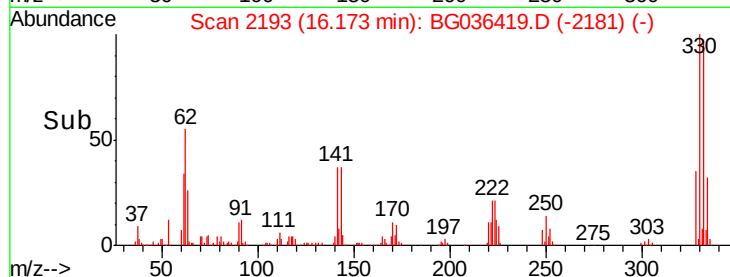
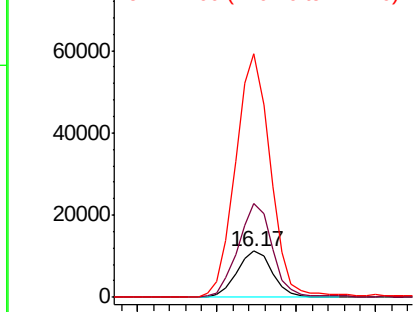
#66
 4-Bromophenyl-phenylether
 Concen: 3.693 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG036419.D
 Acq: 24 Aug 2018 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB112350BL

Tgt Ion:248 Resp: 17399
 Ion Ratio Lower Upper
 248 100
 250 204.8 78.1 117.1#
 141 528.3 53.7 80.5#

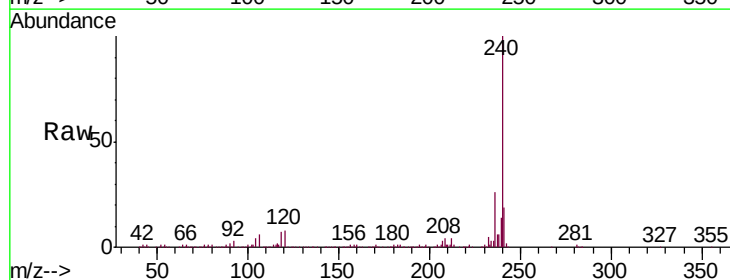


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

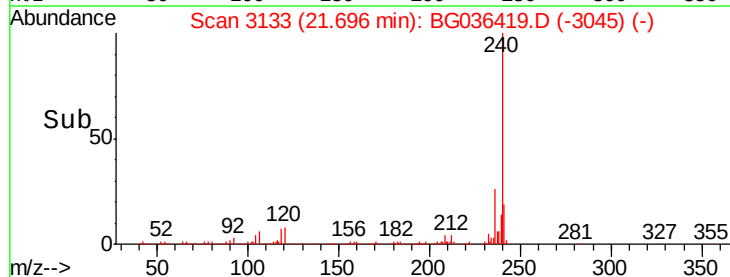
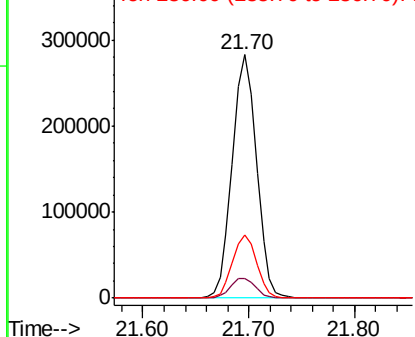


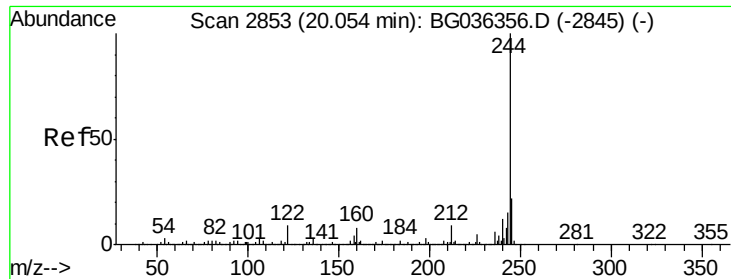
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG036419.D
 Acq: 24 Aug 2018 18:56

Tgt Ion:240 Resp: 449635
 Ion Ratio Lower Upper
 240 100
 120 7.9 6.9 10.3
 236 25.7 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: 79.847 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036419.D

Acq: 24 Aug 2018 18:56

Instrument :

BNA_G

ClientSampleId :

PB112350BL

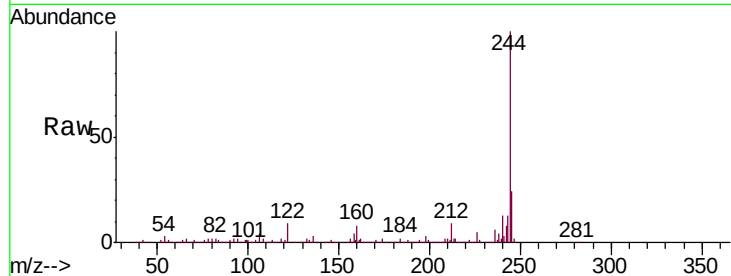
Tgt Ion:244 Resp: 1536009

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

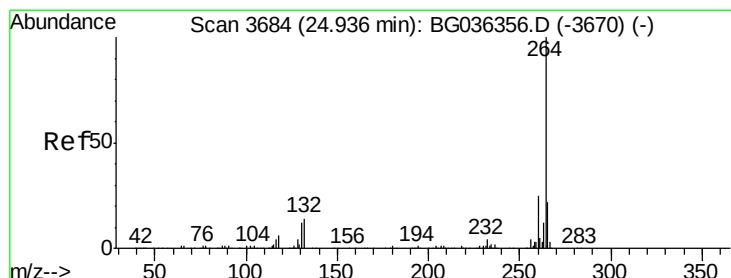
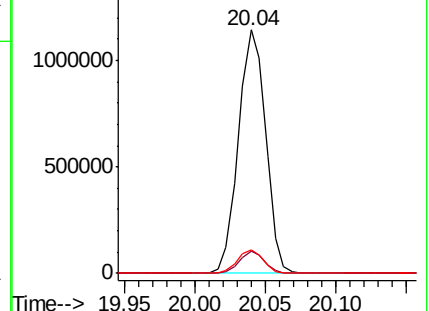
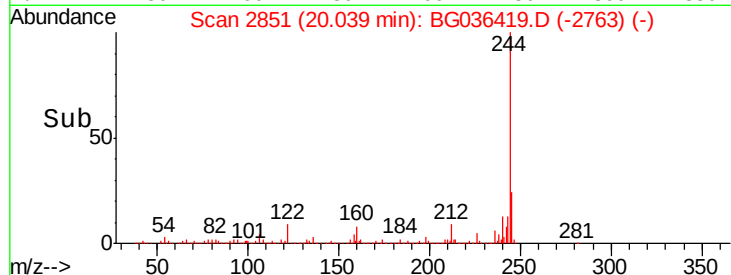
122 9.5 7.1 10.7



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: 24.91 min Scan# 3680

Delta R.T. -0.03 min

Lab File: BG036419.D

Acq: 24 Aug 2018 18:56

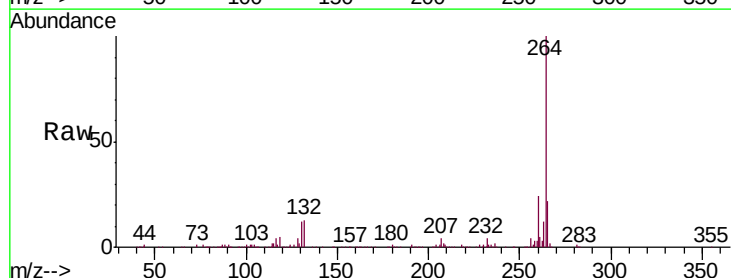
Tgt Ion:264 Resp: 448370

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 21.5 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

