

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG036998.D
 Acq On : 27 Sep 2018 1:40
 Operator : JU/SJ
 Sample : PB113230BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 27 08:10:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

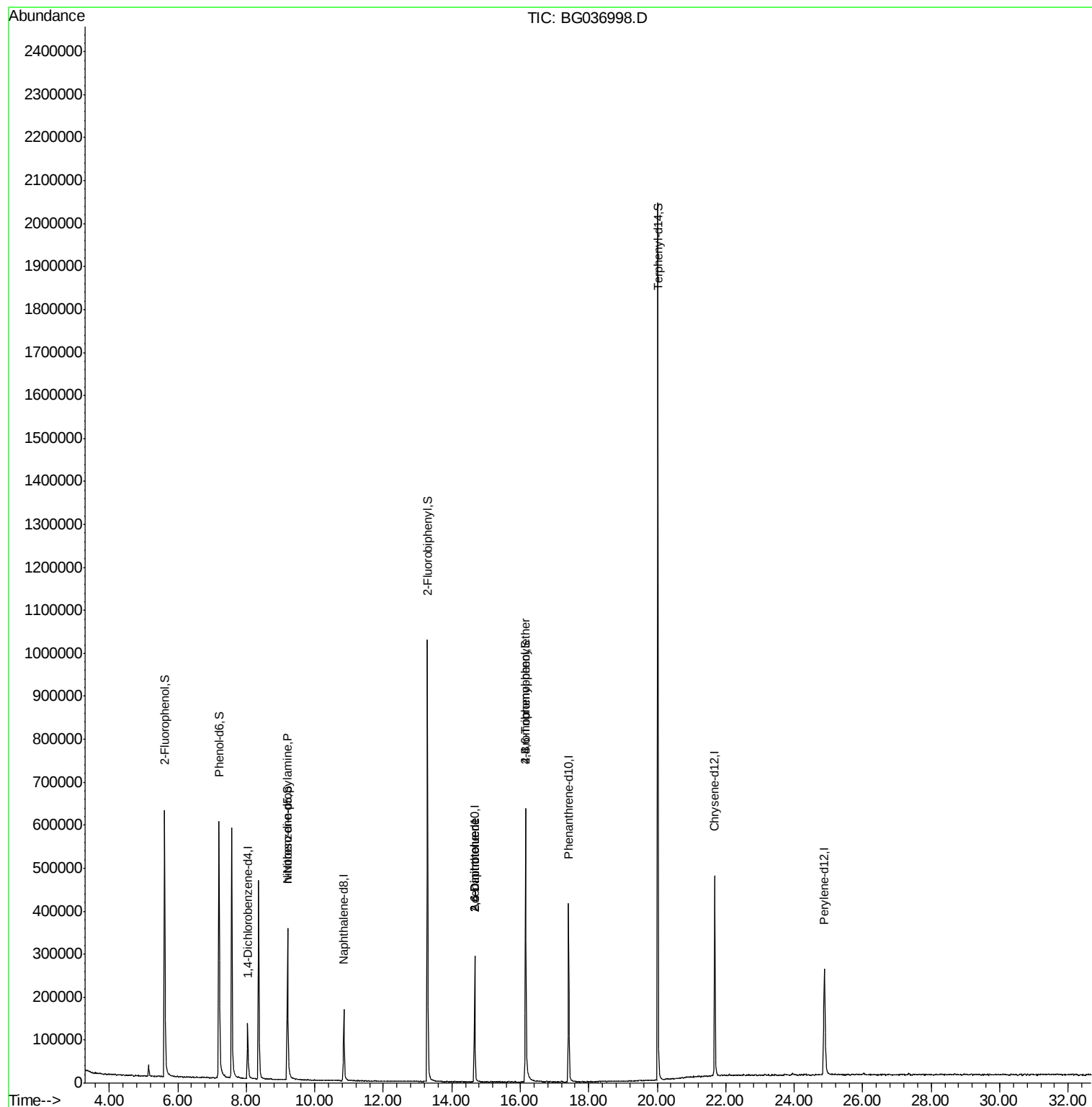
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	42833	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	175185	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	112917	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	290804	20.00	ng	0.00
75) Chrysene-d12	21.68	240	306189	20.00	ng	-0.01
86) Perylene-d12	24.88	264	300614	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	284838	127.53	ng	0.00
7) Phenol-d6	7.20	99	408693	118.27	ng	-0.01
23) Nitrobenzene-d5	9.20	82	263643	80.59	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	137109	101.49	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	587248	77.46	ng	-0.01
78) Terphenyl-d14	20.02	244	1046058	89.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	34646	12.052	ng	# 74
50) 2,6-Dinitrotoluene	14.67	165	14807	7.467	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	14807	5.351	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	9336	2.822	ng	# 1

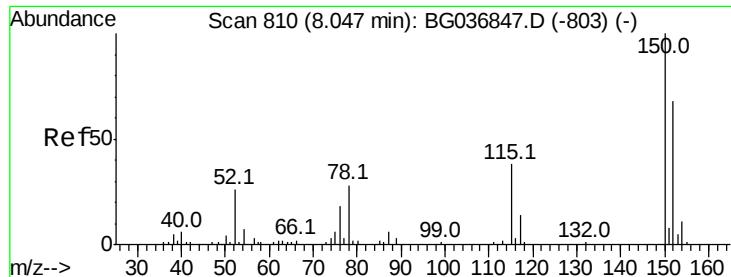
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG036998.D
Acq On : 27 Sep 2018 1:40
Operator : JU/SJ
Sample : PB113230BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 27 08:10:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration



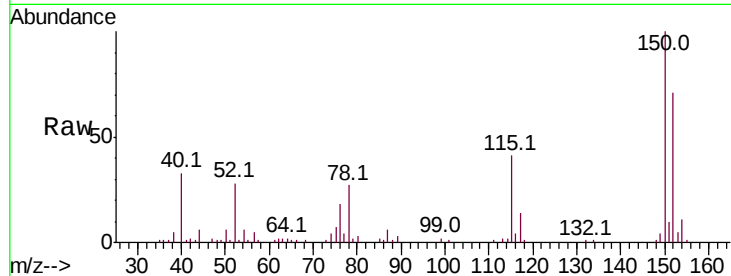


#1

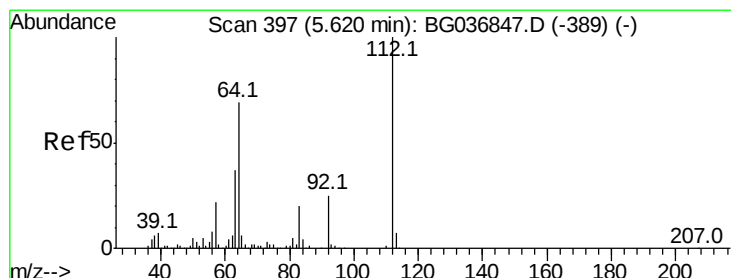
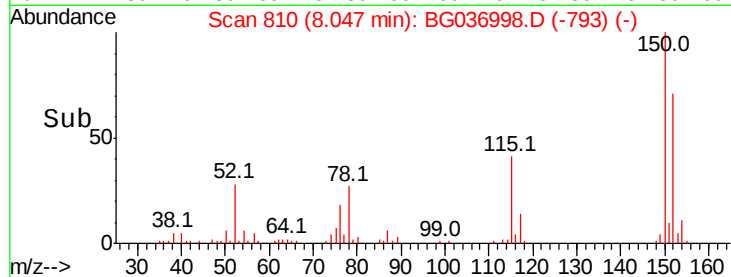
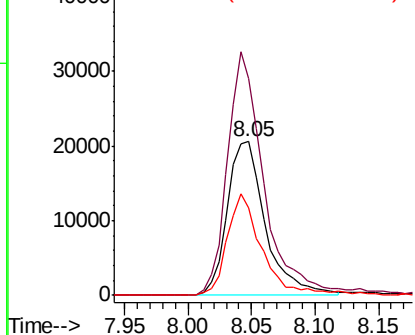
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036998.D
Acq: 27 Sep 2018 1:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42833
Ion Ratio Lower Upper
152 100
150 140.8 119.5 179.3
115 57.2 44.5 66.7



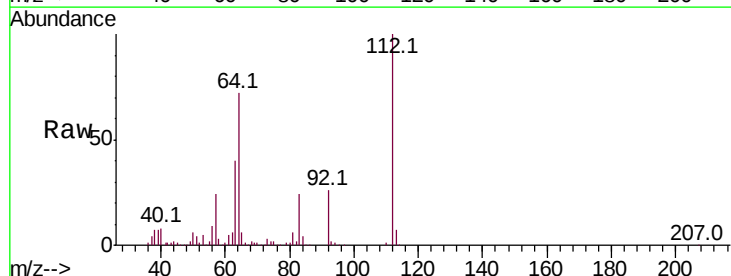
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



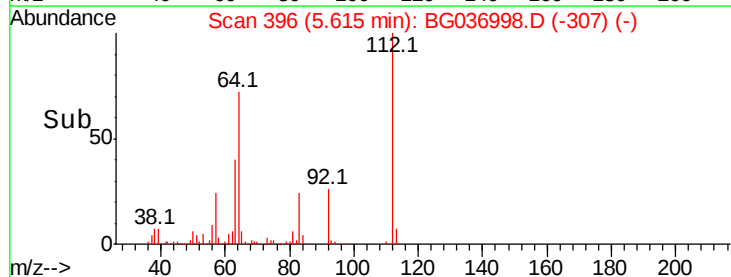
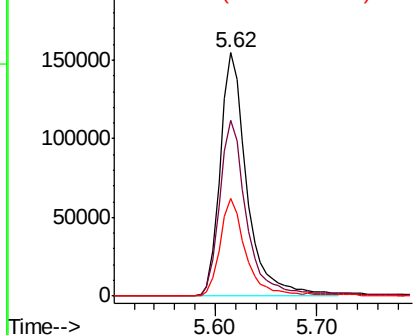
#5

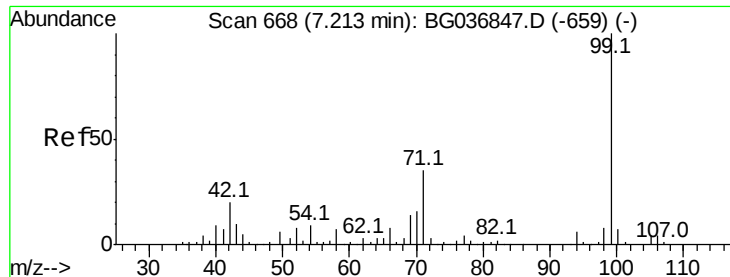
2-Fluorophenol
Concen: 127.532 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036998.D
Acq: 27 Sep 2018 1:40

Tgt Ion:112 Resp: 284838
Ion Ratio Lower Upper
112 100
64 72.0 57.2 85.8
63 40.2 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: 118.271 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036998.D

Acq: 27 Sep 2018 1:40

Instrument :

BNA_G

ClientSampled :

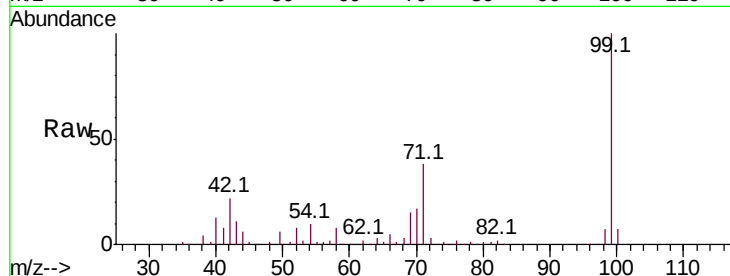
Tot Ion: 99 Resp: 408693

Ion Ratio Lower Upper

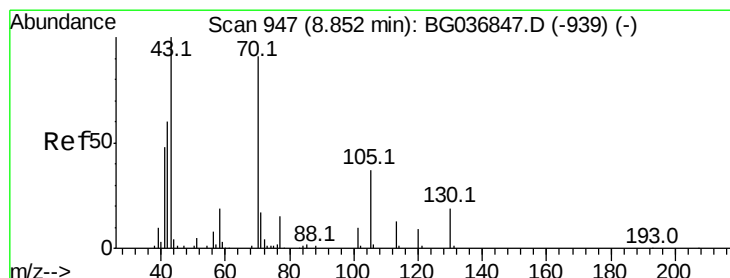
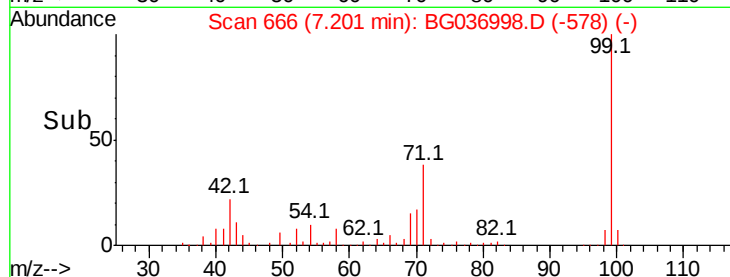
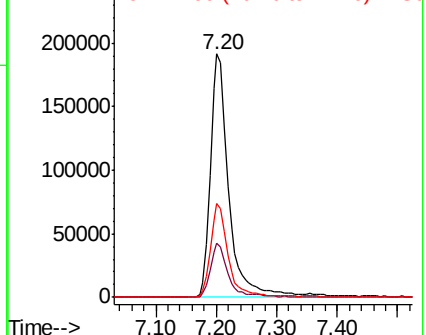
99 100

42 22.2 16.5 24.7

71 38.3 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: 12.052 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG036998.D

Acq: 27 Sep 2018 1:40

Tgt Ion: 70 Resp: 34646

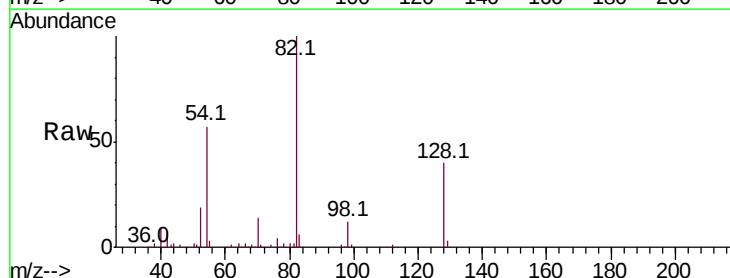
Ion Ratio Lower Upper

70 100

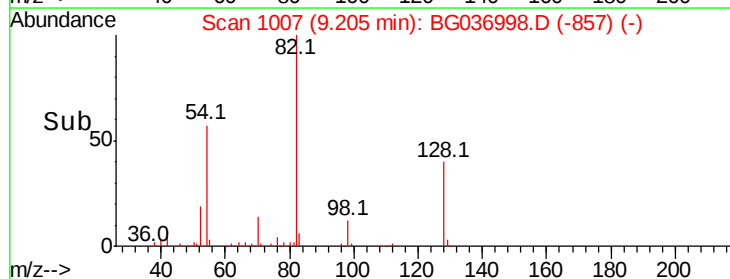
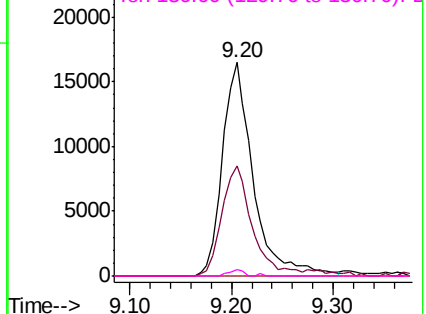
42 51.4 56.2 84.4#

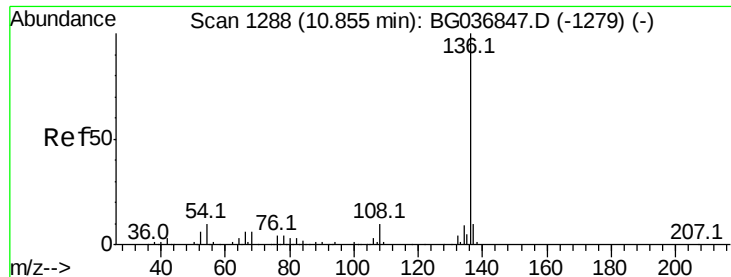
101 0.0 7.8 11.6#

130 2.7 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

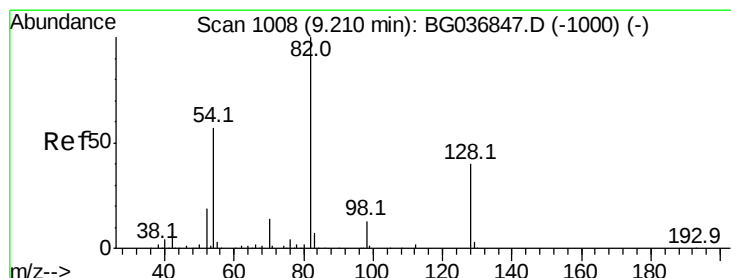
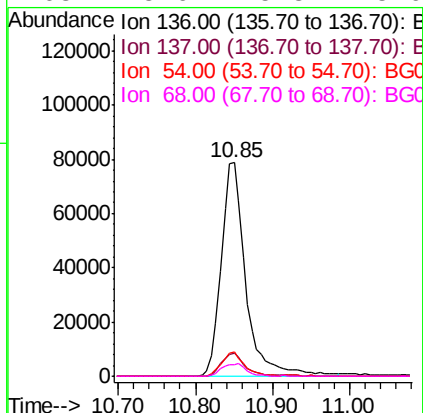
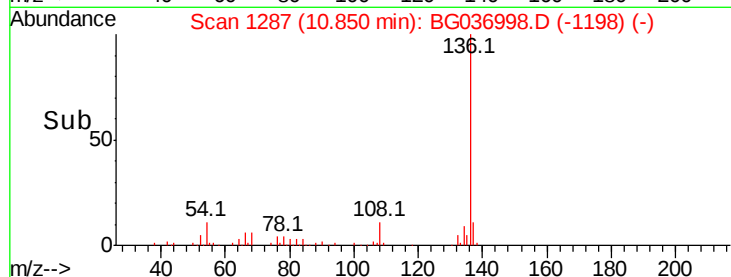
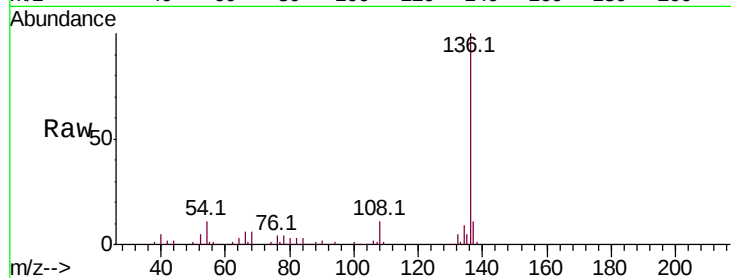




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036998.D
Acq: 27 Sep 2018 1:40

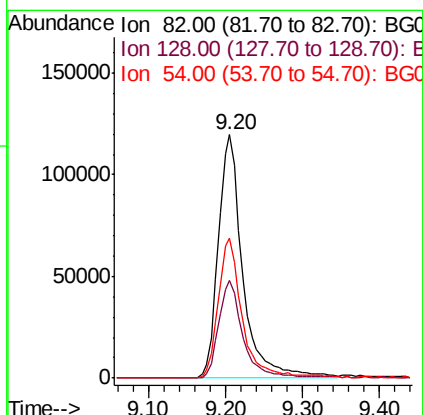
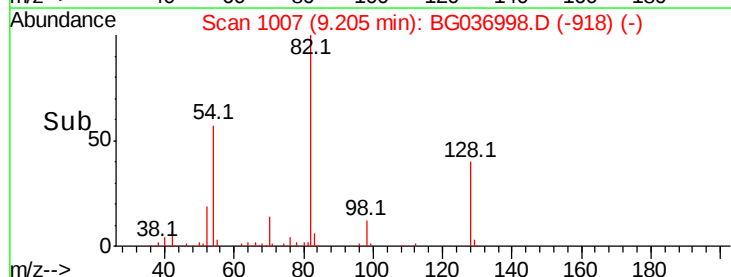
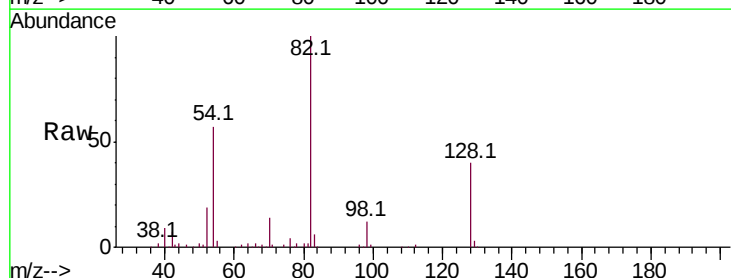
Instrument :
BNA_G
ClientSampleId :

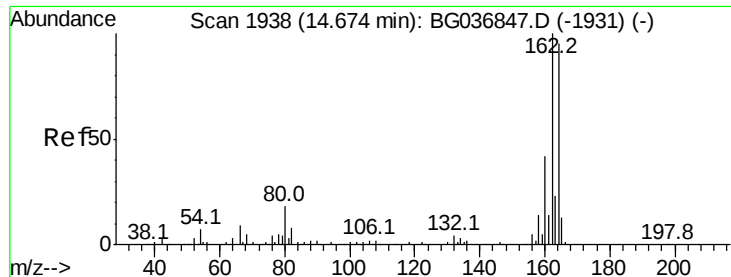
Tot Ion:	136	Resp:	175185
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	11.2	9.2	13.8
68	5.6	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 80.591 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036998.D
Acq: 27 Sep 2018 1:40

Tgt Ion:	82	Resp:	263643
Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.3	49.9
54	57.3	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG036998.D

Acq: 27 Sep 2018 1:40

Instrument :

BNA_G

ClientSampleId :

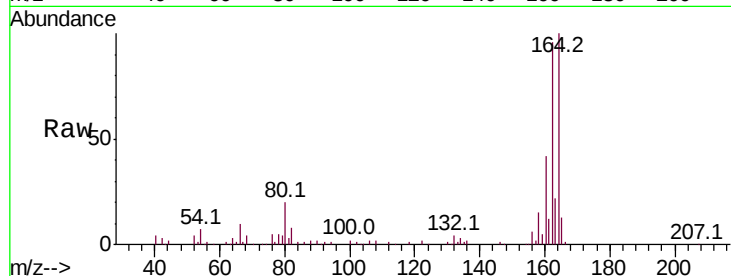
Tot Ion:164 Resp: 112917

Ion Ratio Lower Upper

164 100

162 95.5 80.7 121.1

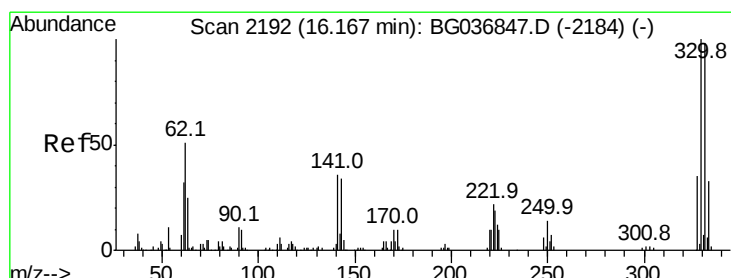
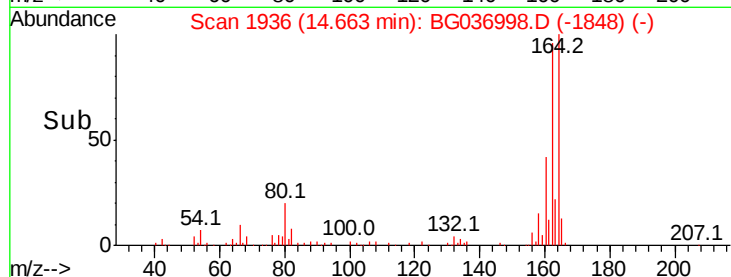
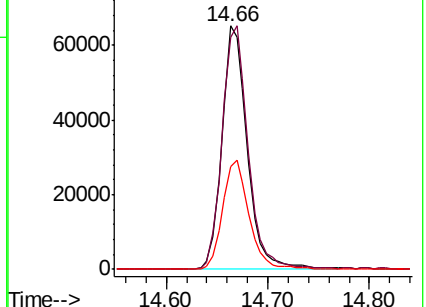
160 42.3 35.3 52.9



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: 101.488 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036998.D

Acq: 27 Sep 2018 1:40

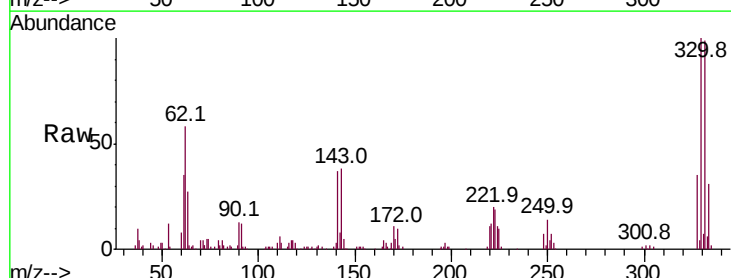
Tgt Ion:330 Resp: 137109

Ion Ratio Lower Upper

330 100

332 100.4 75.4 113.2

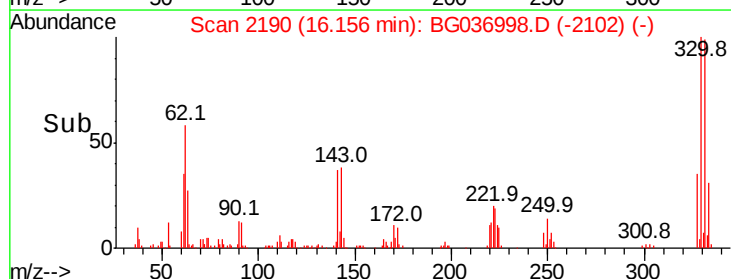
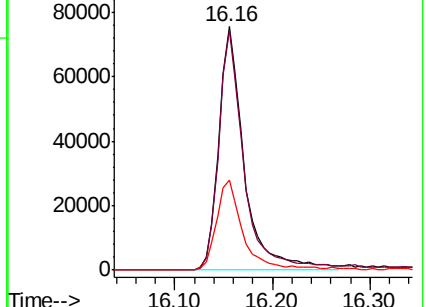
141 38.1 30.7 46.1

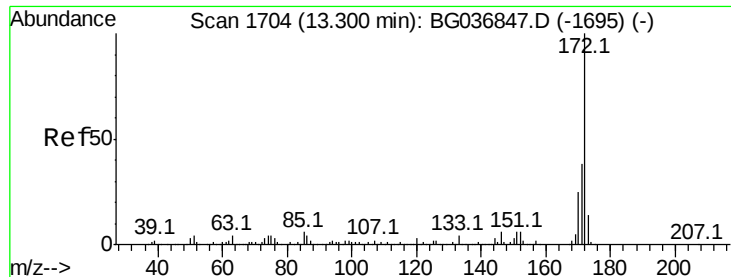


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

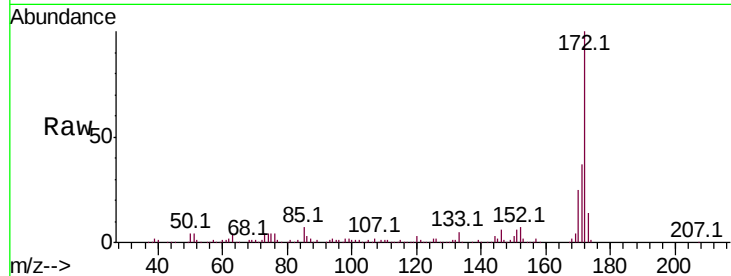




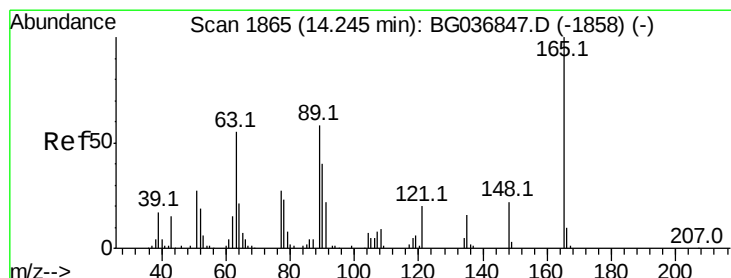
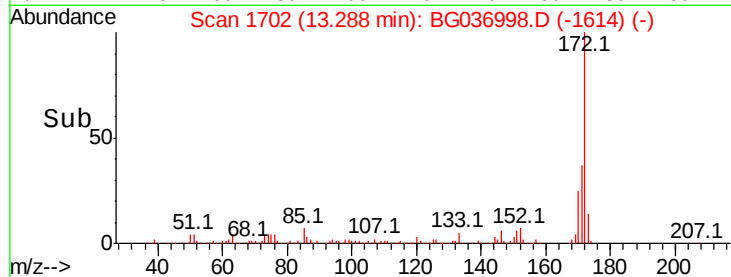
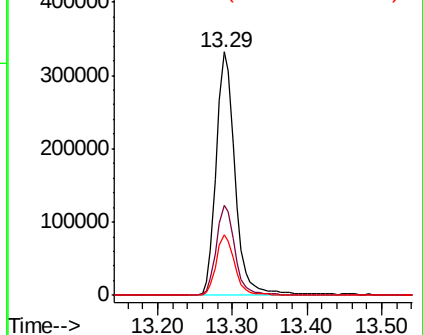
#44
 2-Fluorobiphenyl
 Concen: 77.459 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036998.D
 Acq: 27 Sep 2018 1:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 587248
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.3 46.9
 170 24.9 21.0 31.6

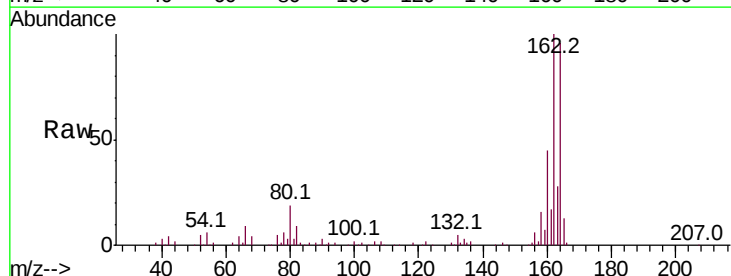


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

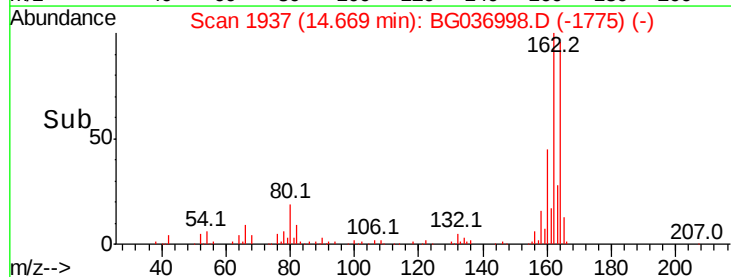
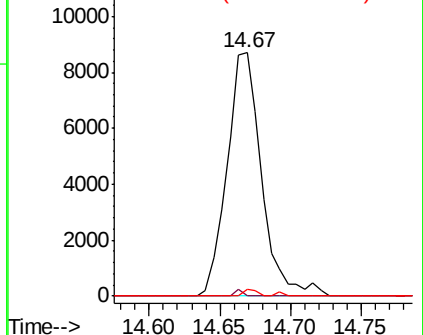


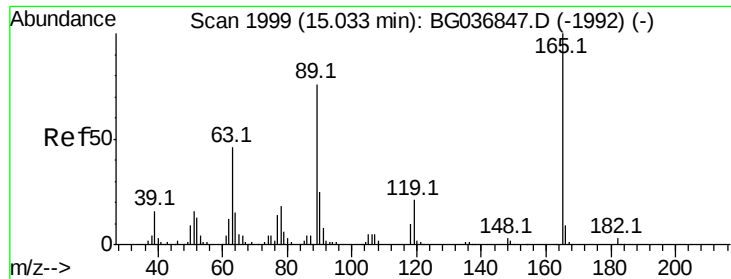
#50
 2,6-Dinitrotoluene
 Concen: 7.467 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.42 min
 Lab File: BG036998.D
 Acq: 27 Sep 2018 1:40

Tgt Ion:165 Resp: 14807
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 2.9 47.8 71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

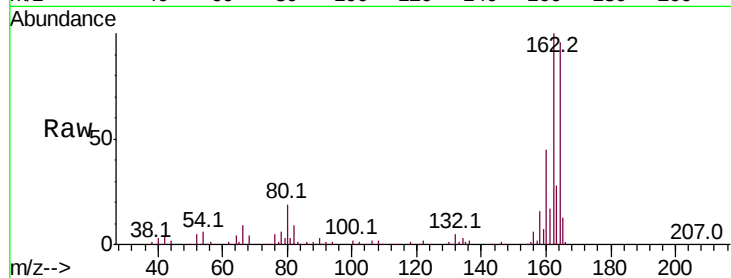




#56
 2,4-Dinitrotoluene
 Concen: 5.351 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG036998.D
 Acq: 27 Sep 2018 1:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.9	63.7	95.5#
182	0.0	2.5	3.7#

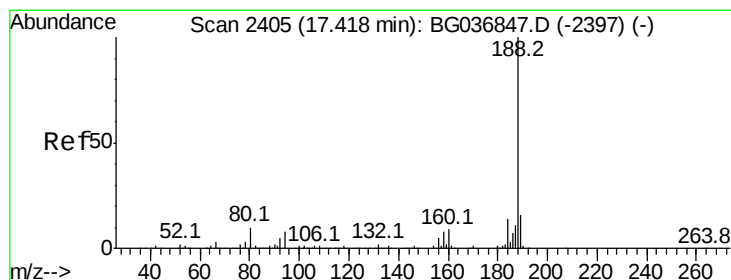
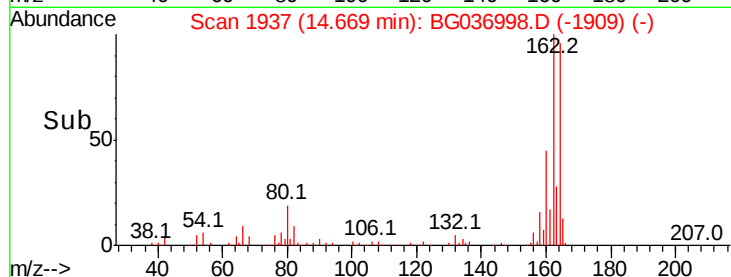
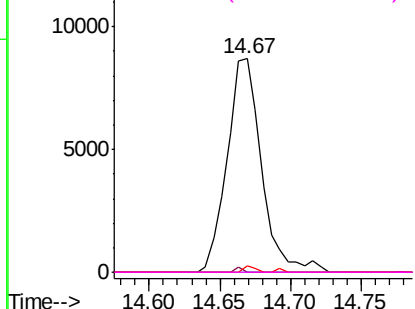


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

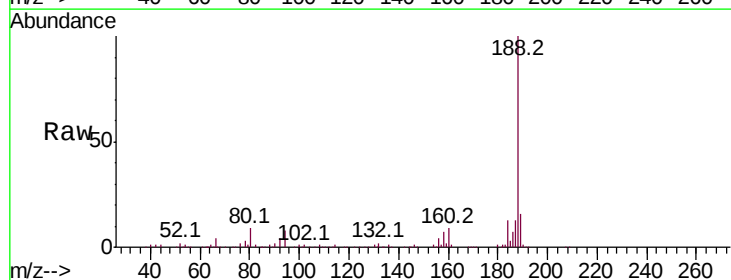
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036998.D
 Acq: 27 Sep 2018 1:40

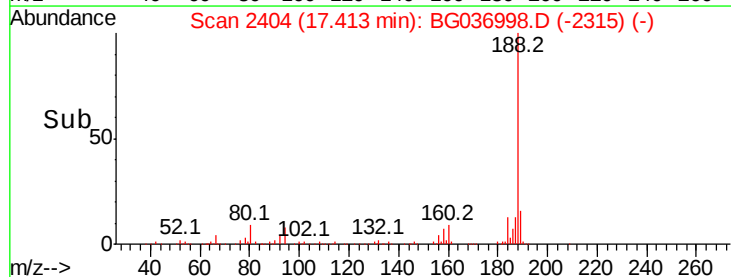
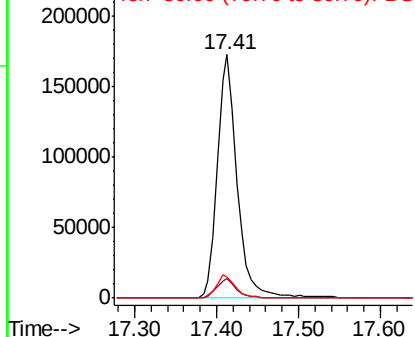
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.8	8.1	12.1

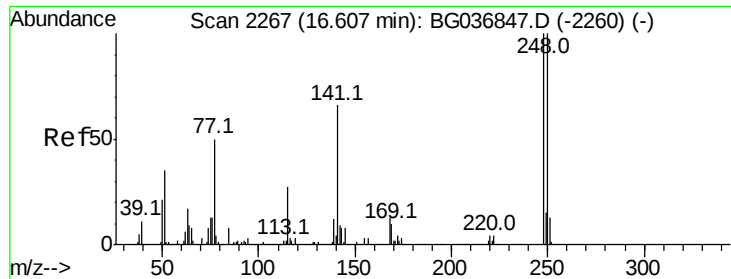


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

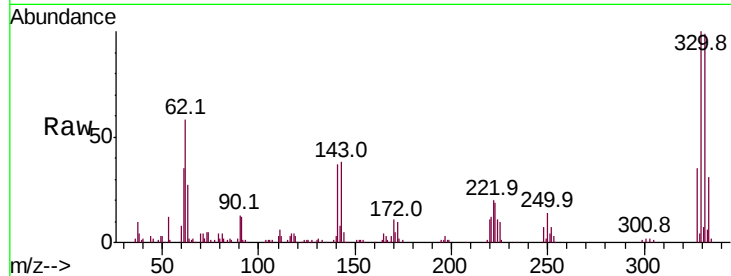




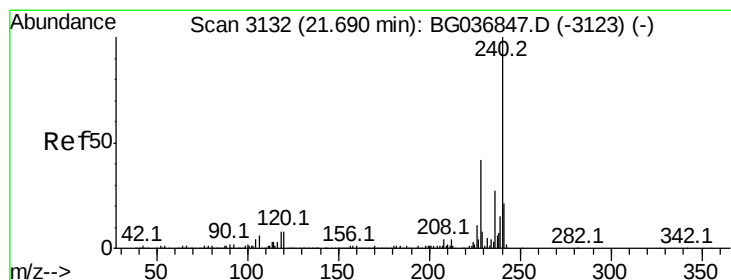
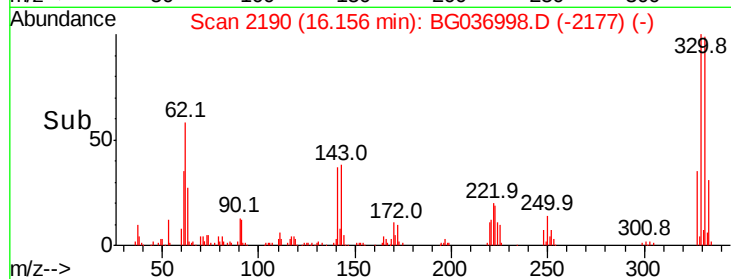
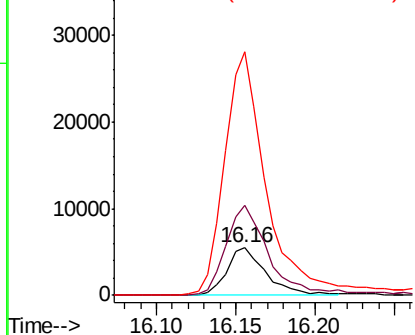
#66
4-Bromophenyl-phenylether
Concen: 2.822 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG036998.D
Acq: 27 Sep 2018 1:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 9336
Ion Ratio Lower Upper
248 100
250 188.3 78.1 117.1#
141 511.8 53.7 80.5#

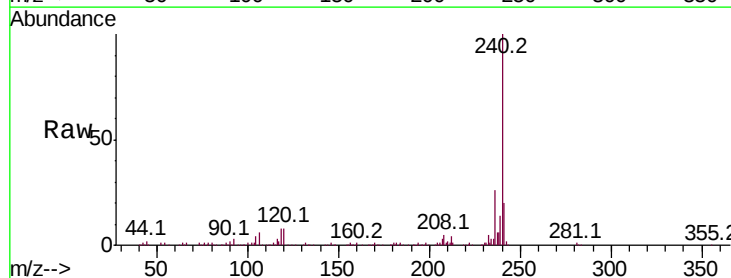


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

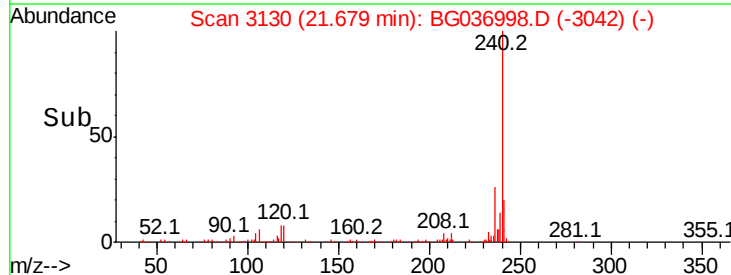
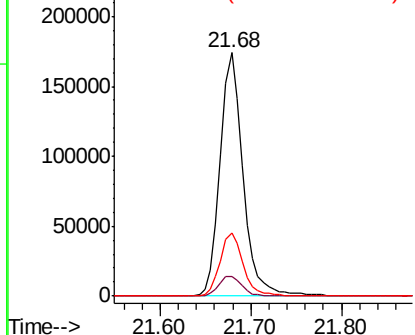


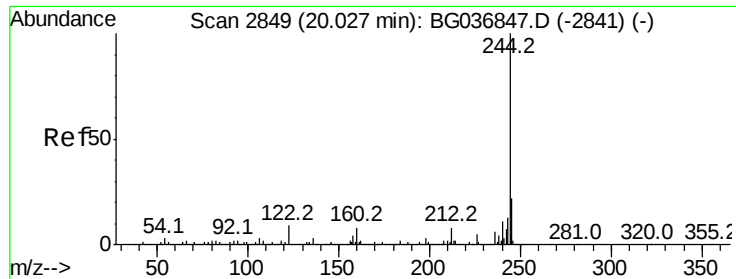
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036998.D
Acq: 27 Sep 2018 1:40

Tgt Ion:240 Resp: 306189
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.9 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: 89.833 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036998.D

Acq: 27 Sep 2018 1:40

Instrument :

BNA_G

ClientSampled :

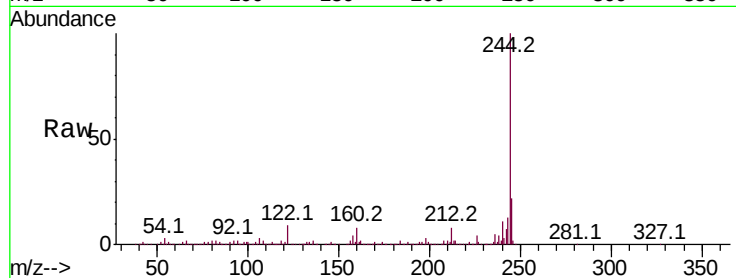
Tot Ion:244 Resp: 1046058

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.6
122	8.9	7.1	10.7

244 100

212 8.1 7.0 10.6

122 8.9 7.1 10.7

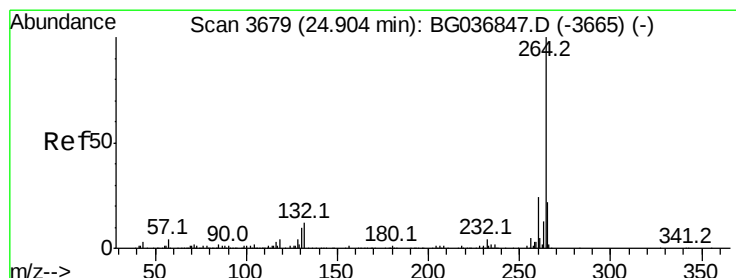
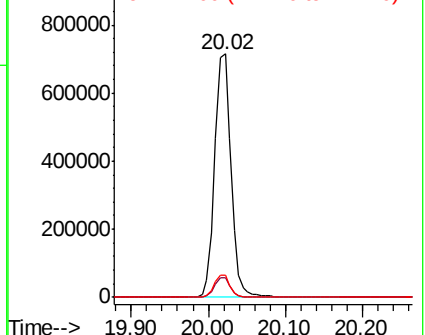
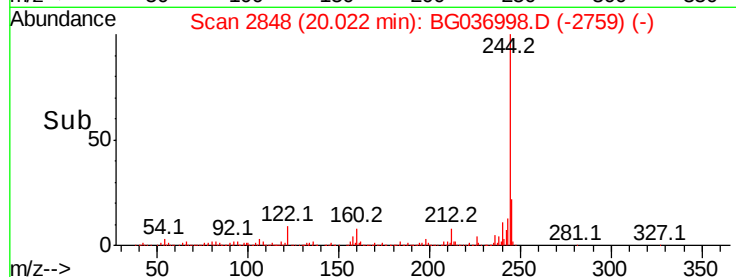


Abundance

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: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG036998.D

Acq: 27 Sep 2018 1:40

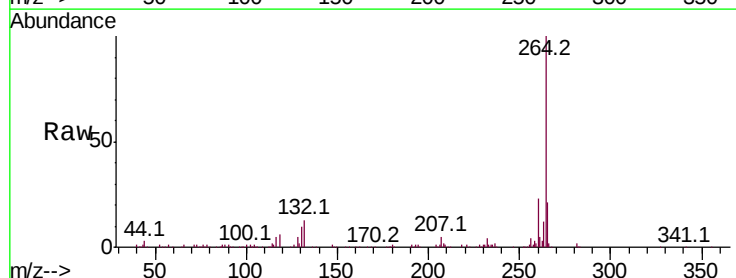
Tgt Ion:264 Resp: 300614

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.0	17.4	26.0

264 100

260 23.1 19.6 29.4

265 21.0 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

