

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
 Data File : BG036509.D
 Acq On : 31 Aug 2018 17:10
 Operator : JU/SJ
 Sample : J4721-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 01 01:01:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

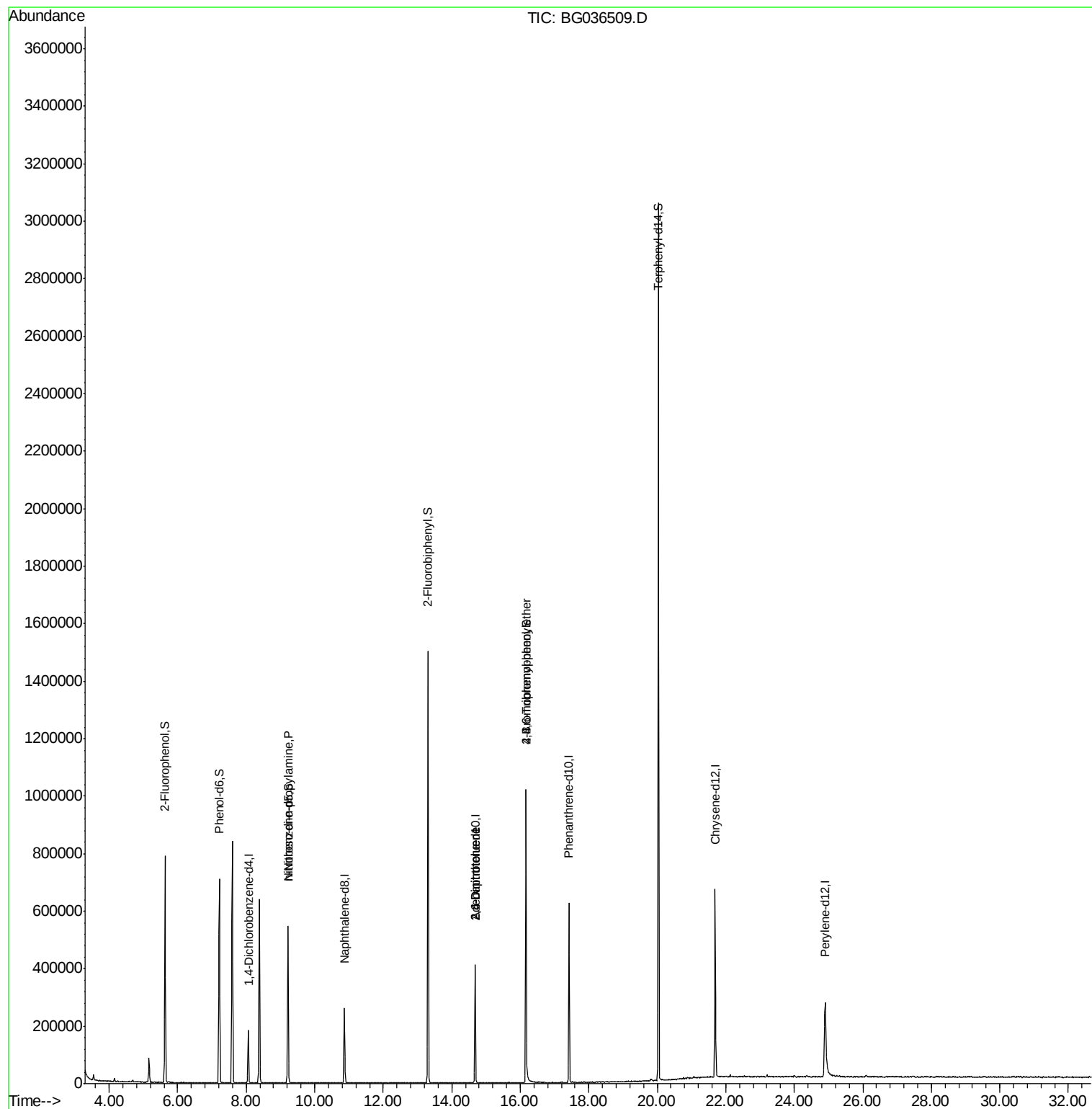
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	51416	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	218386	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	143657	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	385343	20.00	ng	0.00
75) Chrysene-d12	21.69	240	415317	20.00	ng	0.00
86) Perylene-d12	24.90	264	386592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	330168	101.86	ng	0.00
7) Phenol-d6	7.22	99	413468	89.10	ng	0.00
23) Nitrobenzene-d5	9.22	82	328036	81.50	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	198482	115.79	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	768147	76.35	ng	0.00
78) Terphenyl-d14	20.03	244	1423853	80.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	42922	12.376	ng	# 69
50) 2,6-Dinitrotoluene	14.68	165	18365	7.608	ng	# 23
56) 2,4-Dinitrotoluene	14.68	165	18365	5.838	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	13285	2.945	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036509.D
Acq On : 31 Aug 2018 17:10
Operator : JU/SJ
Sample : J4721-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 01 01:01:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration



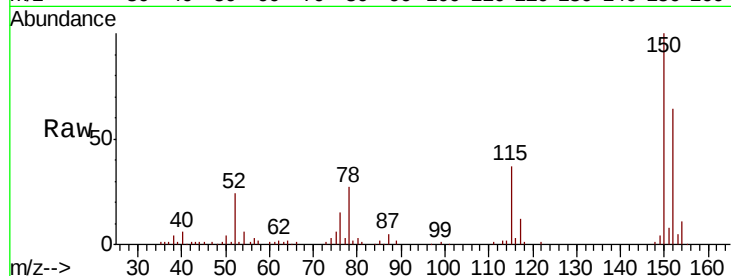


#1

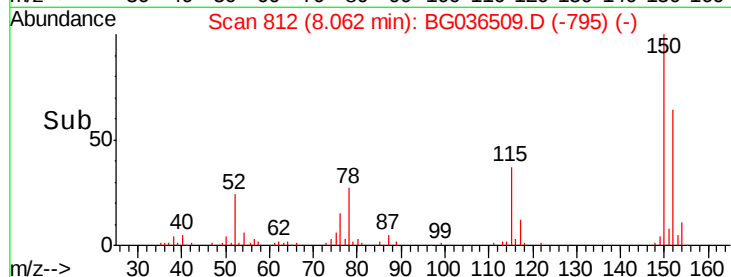
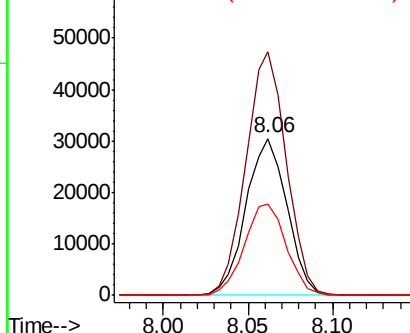
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51416
Ion Ratio Lower Upper
152 100
150 155.3 119.5 179.3
115 58.1 44.5 66.7



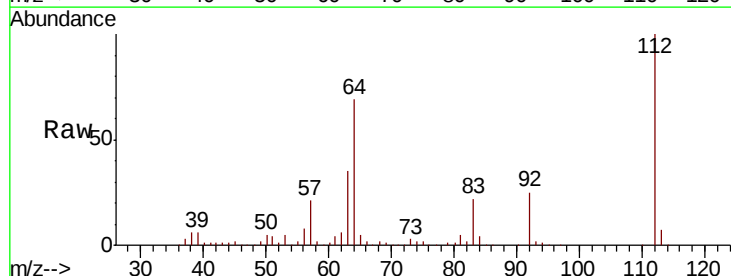
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



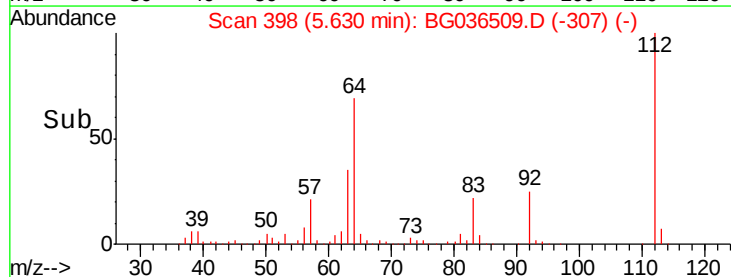
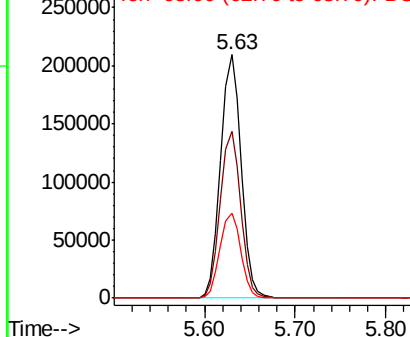
#5

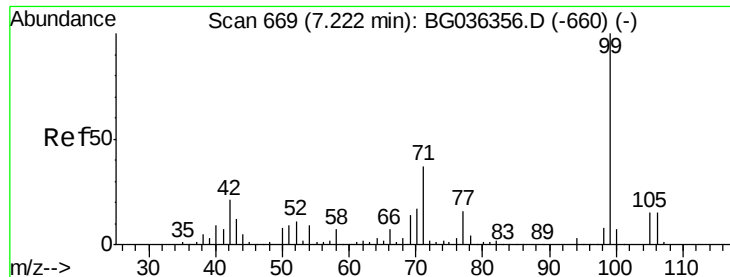
2-Fluorophenol
Concen: 101.864 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Tgt Ion:112 Resp: 330168
Ion Ratio Lower Upper
112 100
64 68.6 57.2 85.8
63 35.0 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: 89.096 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036509.D

Acq: 31 Aug 2018 17:10

Instrument :

BNA_G

ClientSampleId :

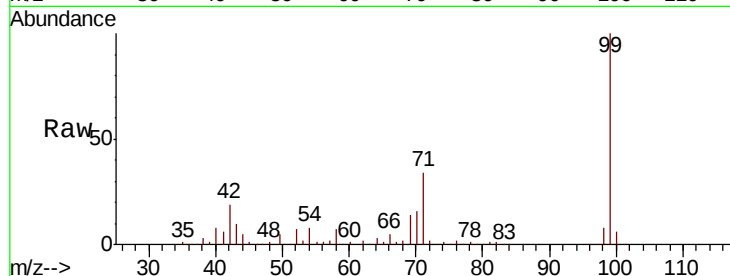
Tot Ion: 99 Resp: 413468

Ion Ratio Lower Upper

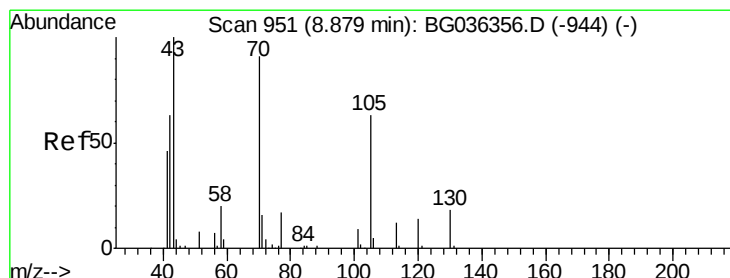
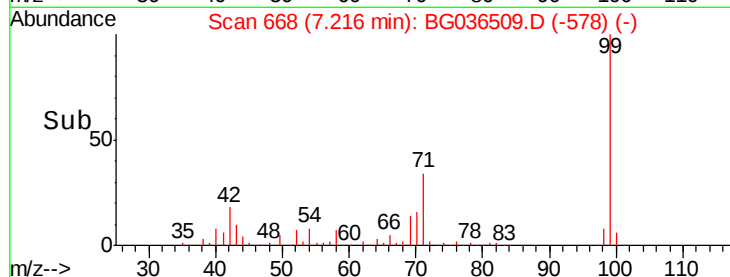
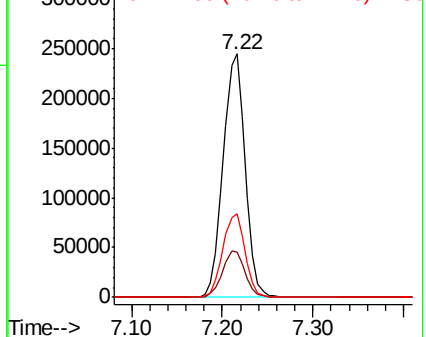
99 100

42 18.5 16.5 24.7

71 34.2 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: 12.376 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036509.D

Acq: 31 Aug 2018 17:10

Tgt Ion: 70 Resp: 42922

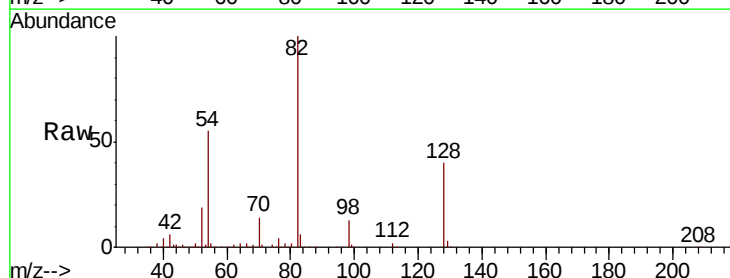
Ion Ratio Lower Upper

70 100

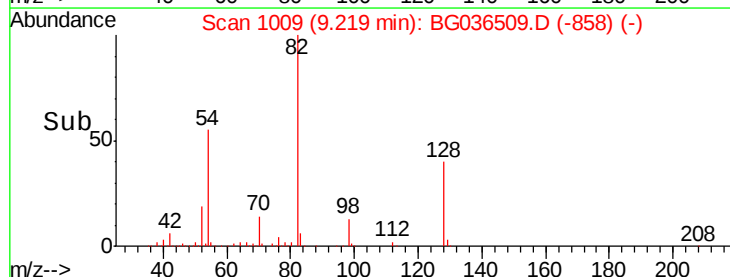
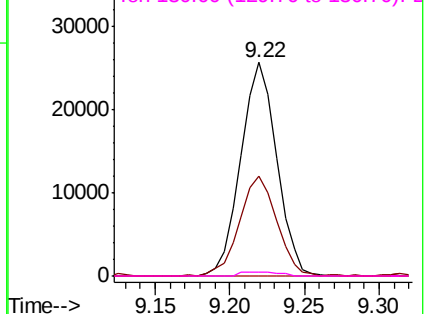
42 46.8 56.2 84.4#

101 0.0 7.8 11.6#

130 2.0 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

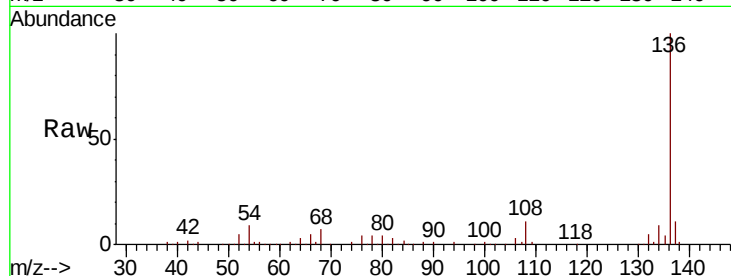




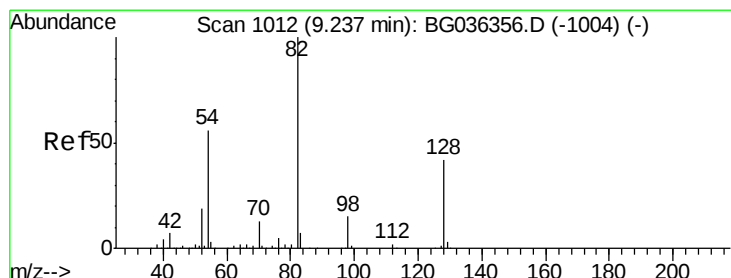
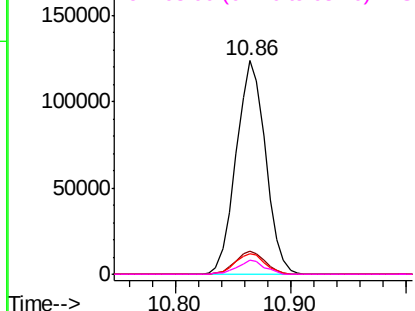
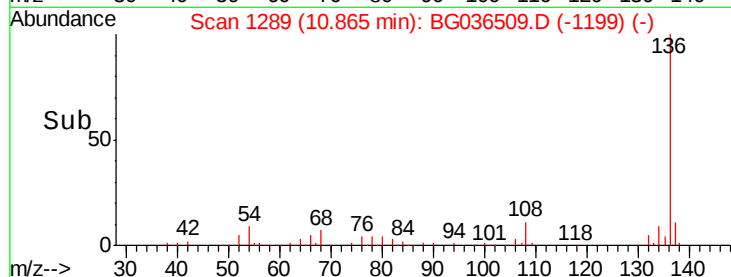
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	218386
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	9.3	9.2 13.8
68	6.8	5.8 8.6

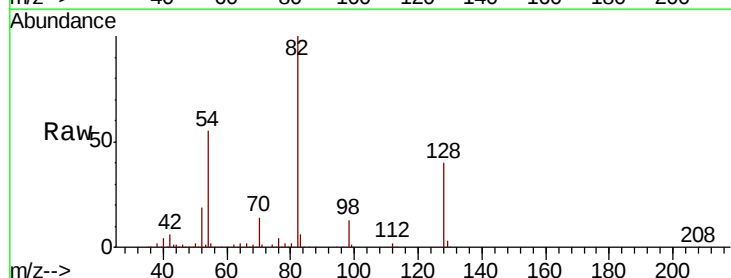


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

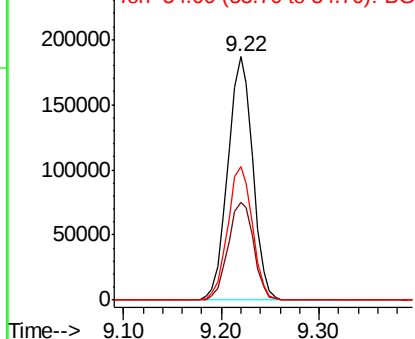
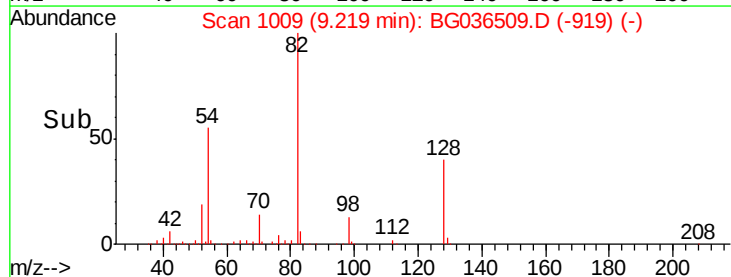


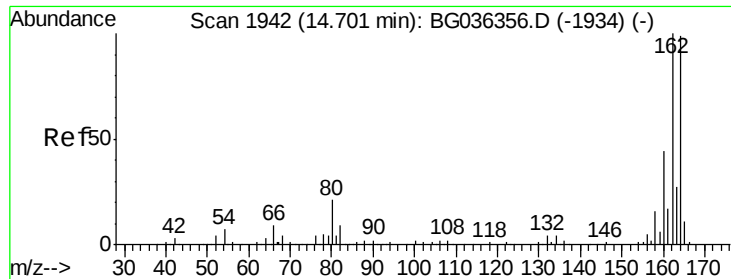
#23
Nitrobenzene-d5
Concen: 81.499 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036509.D
Acq: 31 Aug 2018 17:10

Tgt Ion: 82	Resp:	328036
Ion Ratio	Lower	Upper
82	100	
128	40.0	33.3 49.9
54	54.9	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: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG036509.D

Acq: 31 Aug 2018 17:10

Instrument :

BNA_G

ClientSampleId :

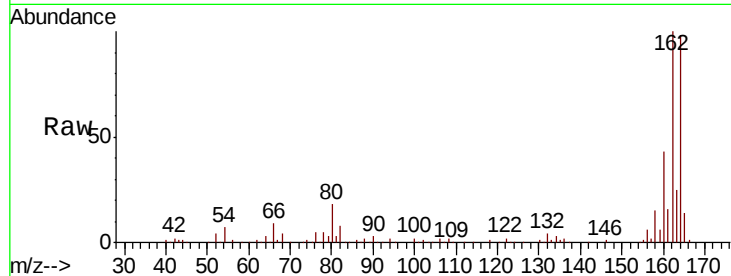
Tot Ion:164 Resp: 143657

Ion Ratio Lower Upper

164 100

162 101.9 80.7 121.1

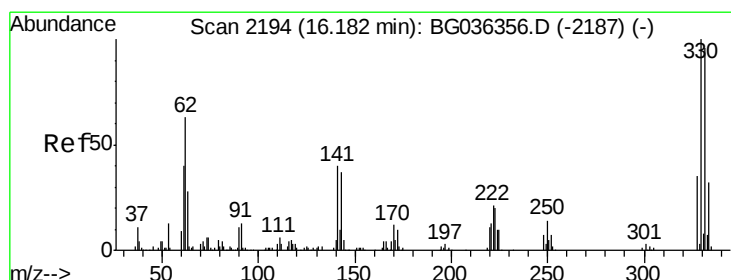
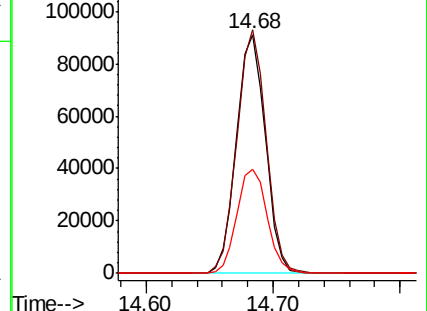
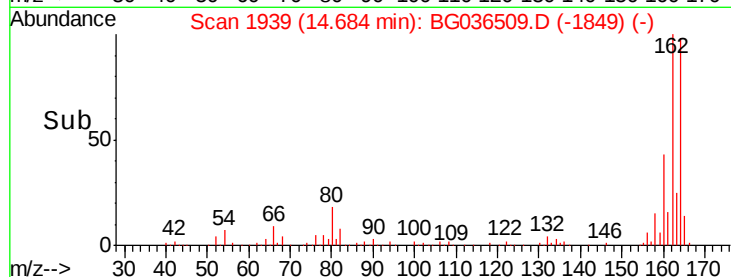
160 43.6 35.3 52.9



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: 115.790 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036509.D

Acq: 31 Aug 2018 17:10

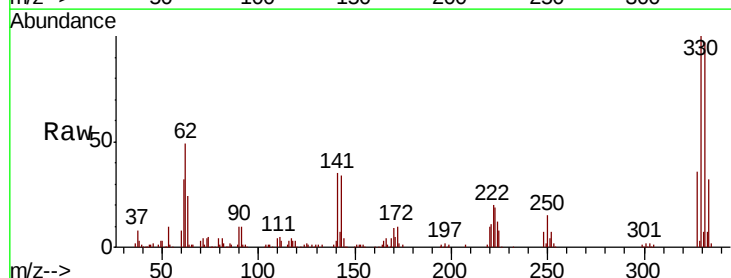
Tgt Ion:330 Resp: 198482

Ion Ratio Lower Upper

330 100

332 94.2 75.4 113.2

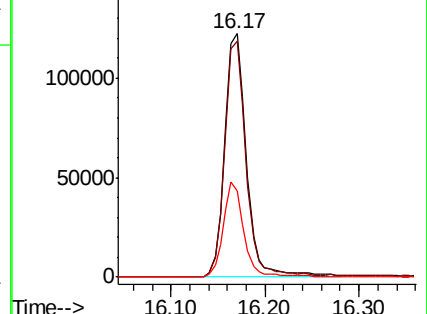
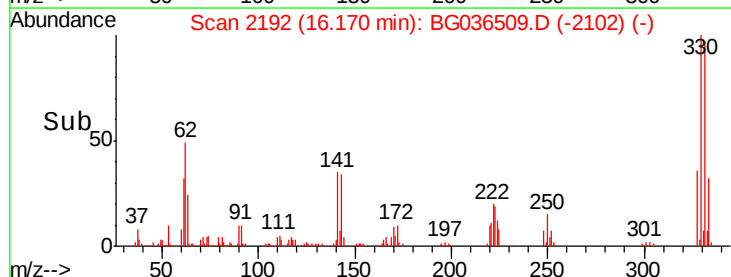
141 36.5 30.7 46.1



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

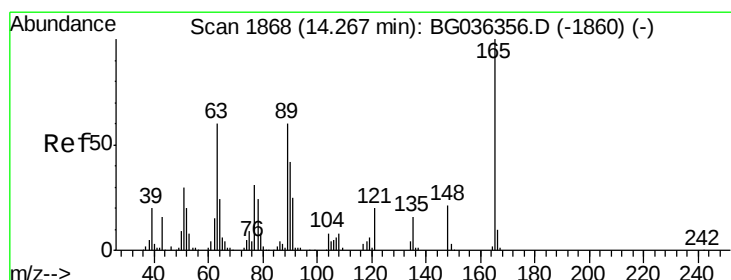
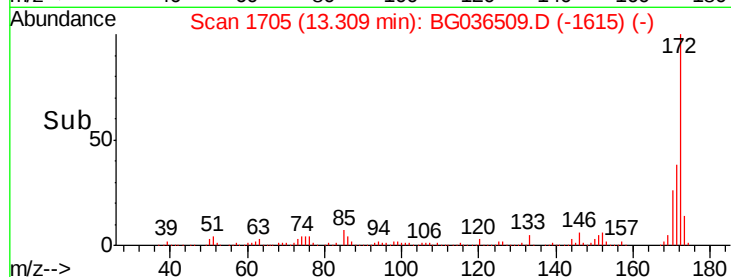
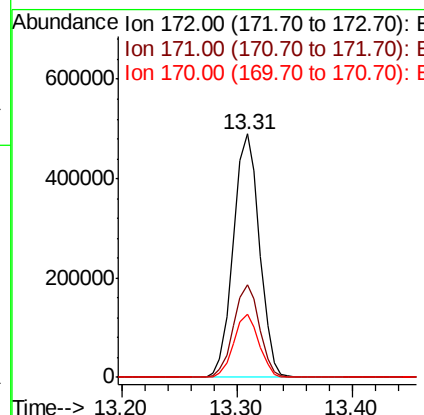
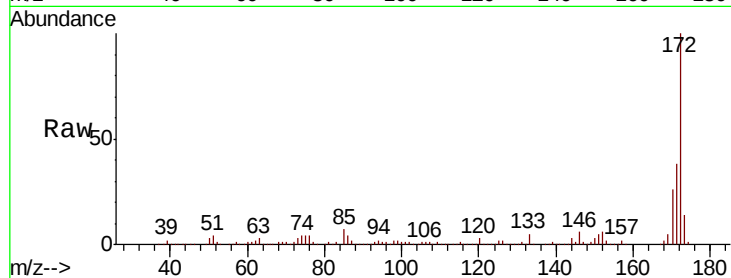




#44
 2-Fluorobiphenyl
 Concen: 76.347 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036509.D
 Acq: 31 Aug 2018 17:10

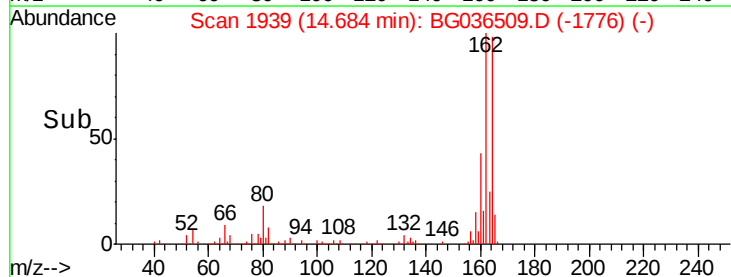
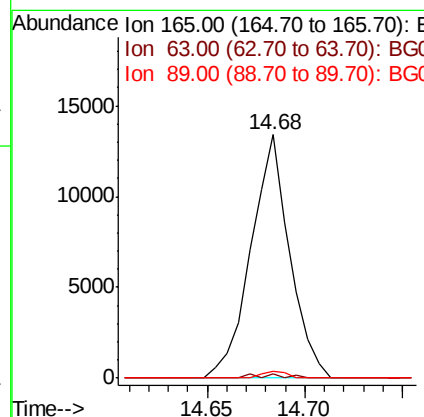
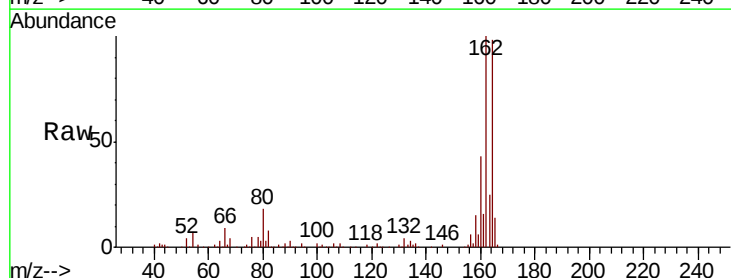
Instrument :
 BNA_G
 ClientSampleId :

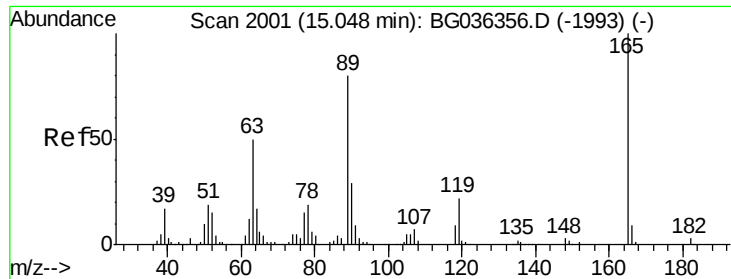
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	26.0	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.608 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.43 min
 Lab File: BG036509.D
 Acq: 31 Aug 2018 17:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	50.1	75.1#
89	2.7	47.8	71.6#

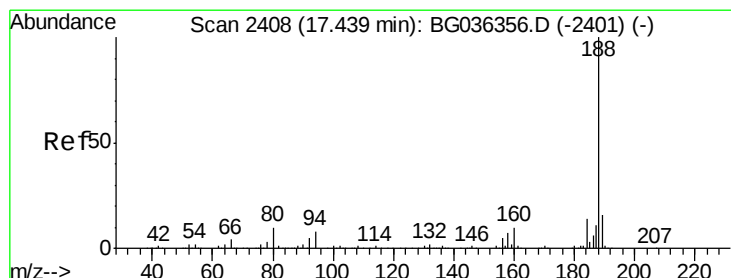
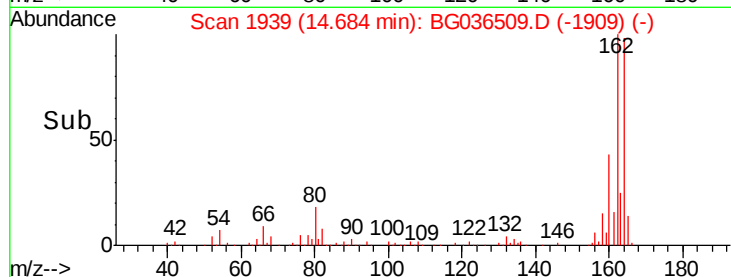
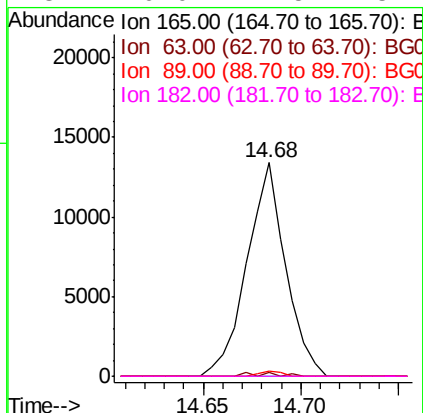
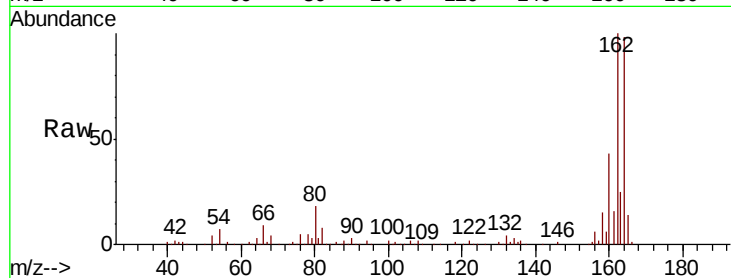




#56
 2,4-Dinitrotoluene
 Concen: 5.838 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.35 min
 Lab File: BG036509.D
 Acq: 31 Aug 2018 17:10

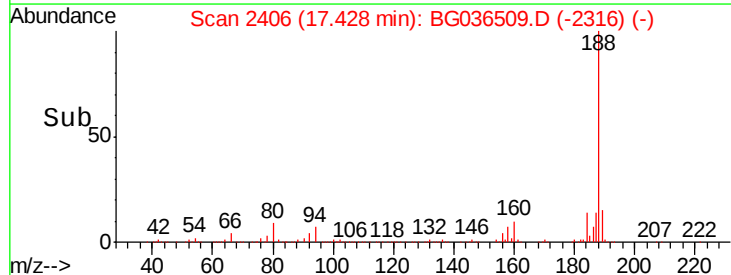
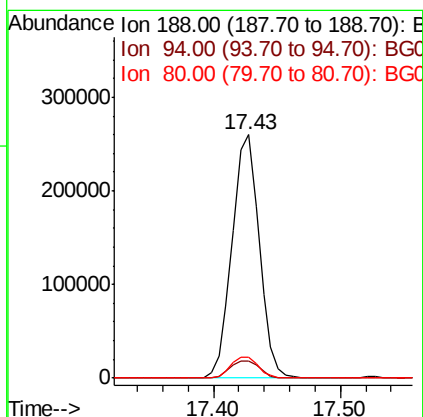
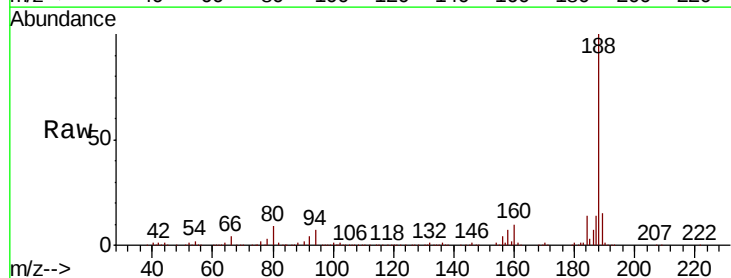
Instrument :
 BNA_G
 ClientSampleId :

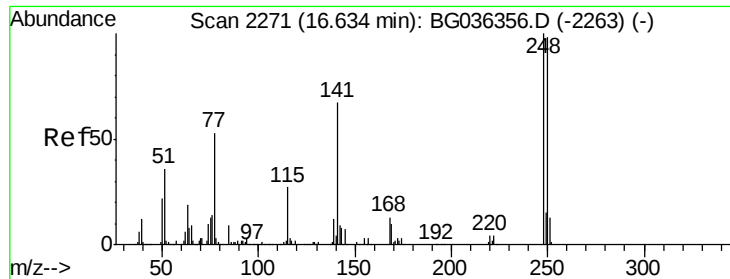
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.1	60.1#
89	2.7	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036509.D
 Acq: 31 Aug 2018 17:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.7	10.1
80	8.7	8.1	12.1

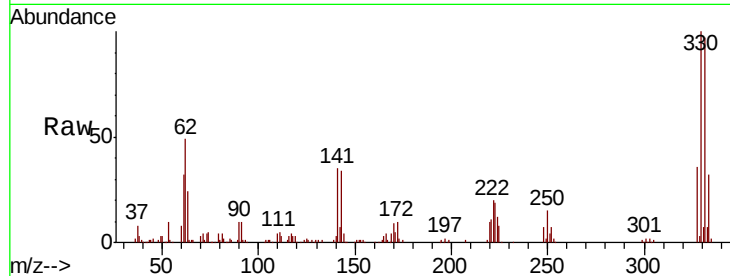




#66
 4-Bromophenyl-phenylether
 Concen: 2.945 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036509.D
 Acq: 31 Aug 2018 17:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	213.8	78.1	117.1#
141	510.3	53.7	80.5#

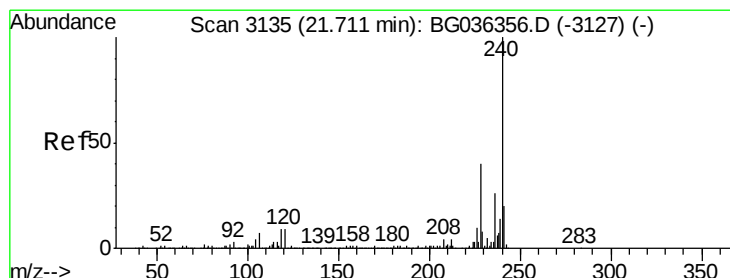
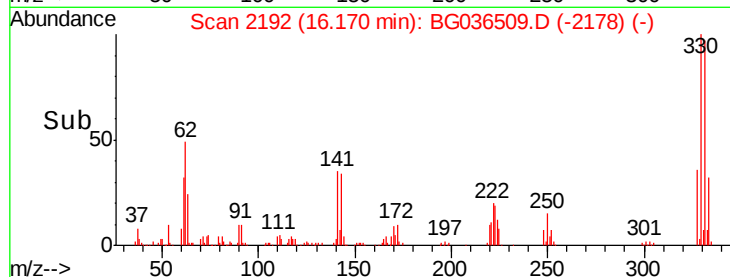
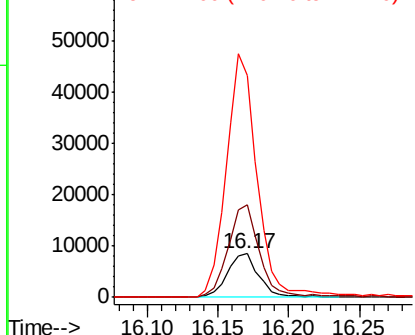


Abundance

Ion 248.00 (247.70 to 248.70): E

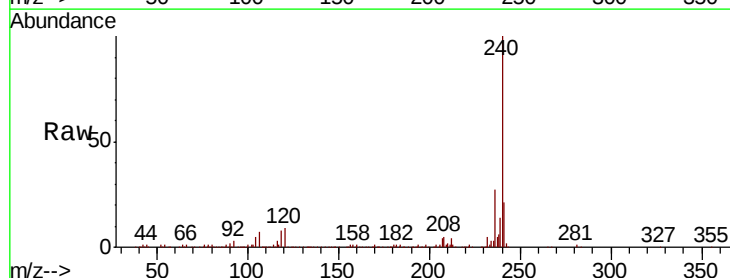
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036509.D
 Acq: 31 Aug 2018 17:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.9	10.3
236	26.6	21.2	31.8

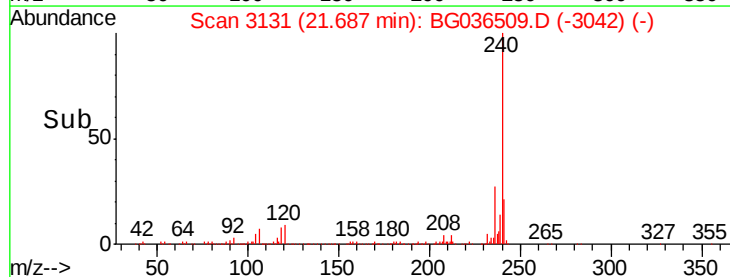
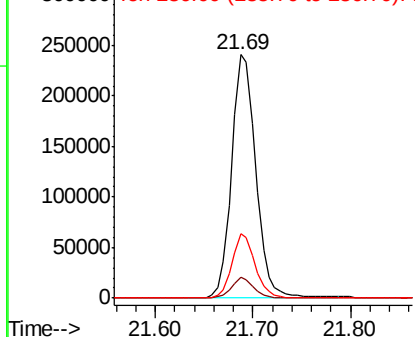


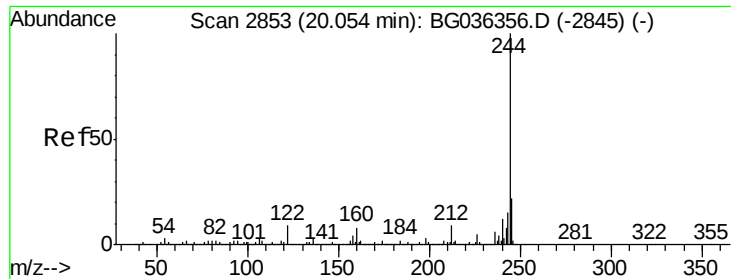
Abundance

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: 80.132 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036509.D

Acq: 31 Aug 2018 17:10

Instrument :

BNA_G

ClientSampleId :

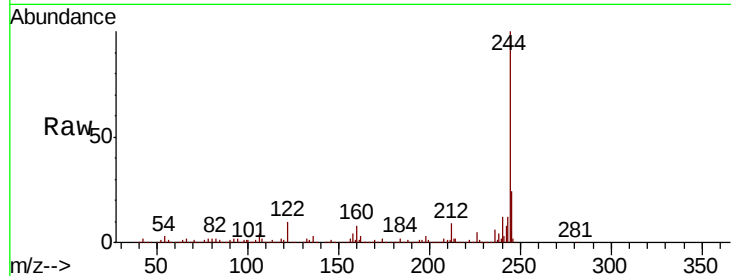
Tot Ion:244 Resp: 1423853

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.7	7.1	10.7

244 100

212 8.6 7.0 10.6

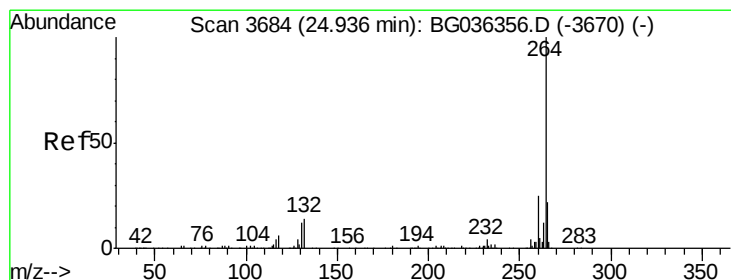
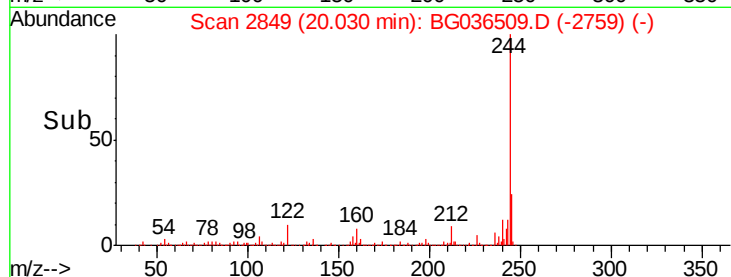
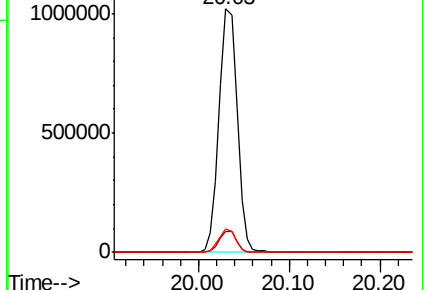
122 9.7 7.1 10.7



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: 24.90 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG036509.D

Acq: 31 Aug 2018 17:10

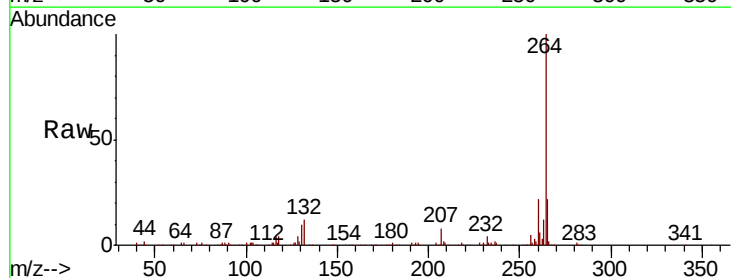
Tgt Ion:264 Resp: 386592

Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.6	29.4
265	22.2	17.4	26.0

264 100

260 21.5 19.6 29.4

265 22.2 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

