

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036647.D
 Acq On : 11 Sep 2018 5:25
 Operator : JU/SJ
 Sample : J4829-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 07:28:55 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

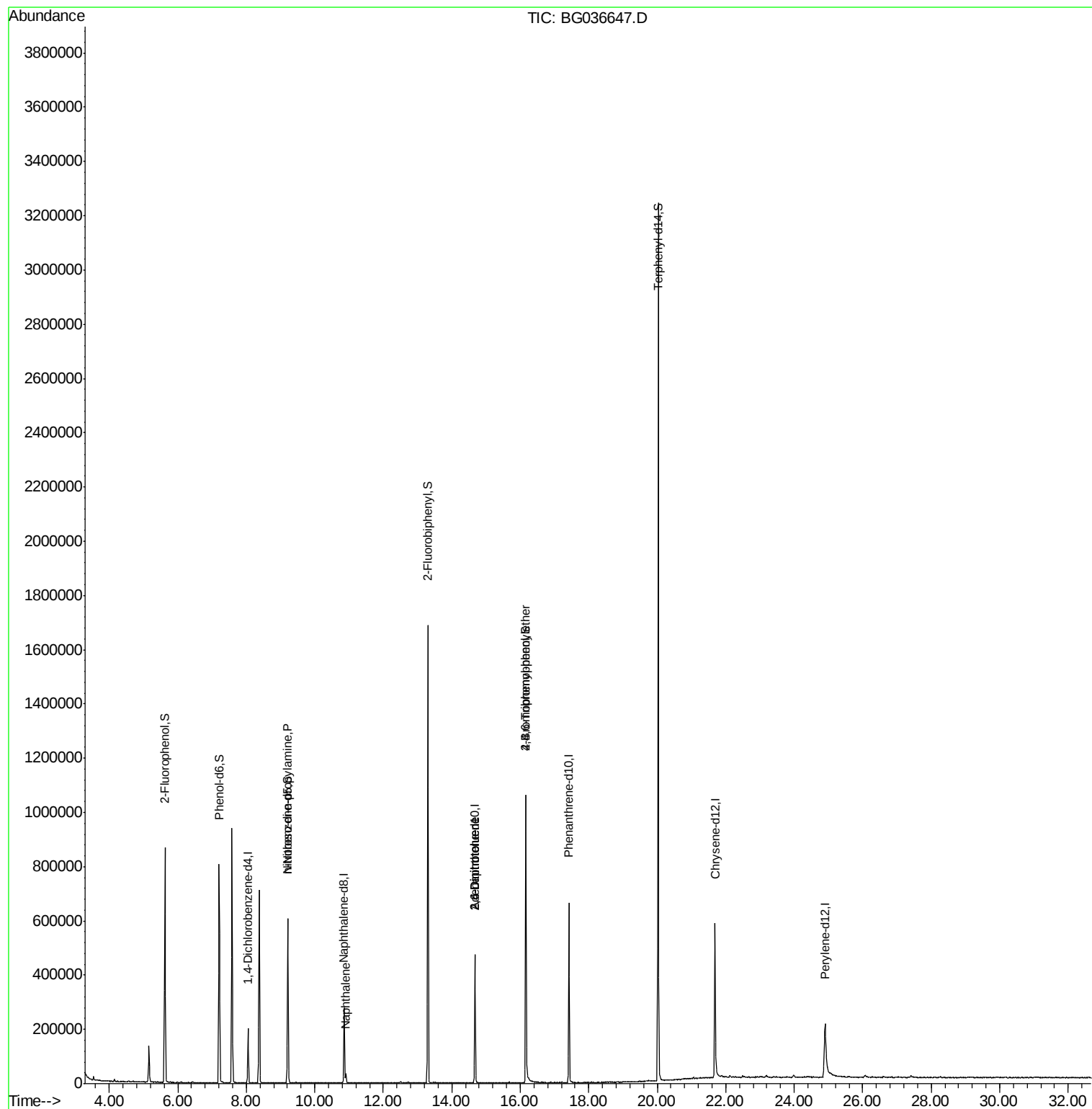
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56588	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	243266	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	168520	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	419018	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	423029	20.00	ng	-0.01
86) Perylene-d12	24.90	264	320313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	375393	105.23	ng	0.00
7) Phenol-d6	7.21	99	471574	92.33	ng	-0.01
23) Nitrobenzene-d5	9.22	82	376099	83.88	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	212180	105.52	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	881377	74.68	ng	-0.01
78) Terphenyl-d14	20.03	244	1530578	84.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	49841	13.057	ng	# 69
31) Naphthalene	10.91	128	29234	2.404	ng	# 99
50) 2,6-Dinitrotoluene	14.68	165	21311	7.526	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	21311	5.775	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	14795	3.016	ng	# 1

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

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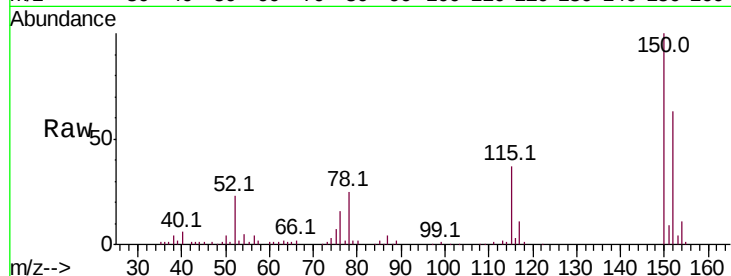


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036647.D
 Acq: 11 Sep 2018 5:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	119.5	179.3
115	58.9	44.5	66.7

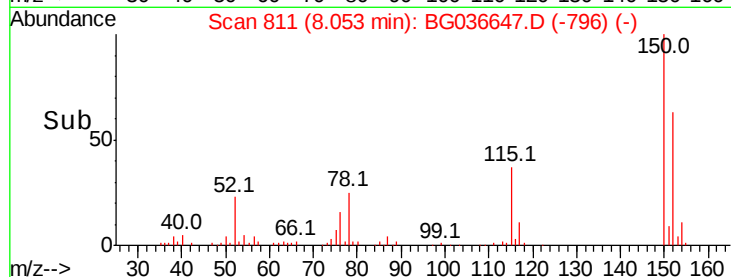
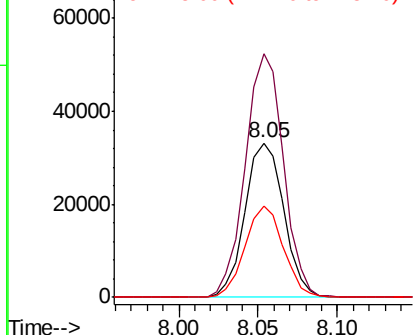


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

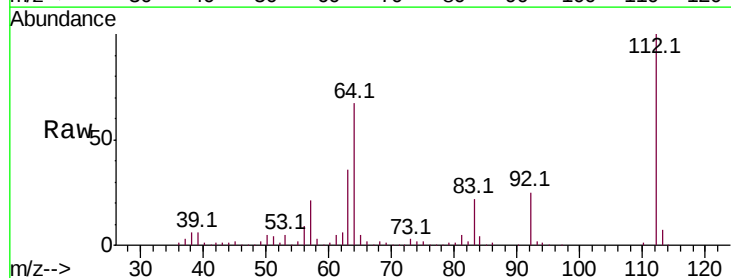
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 105.231 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036647.D
 Acq: 11 Sep 2018 5:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	57.2	85.8
63	35.9	30.8	46.2

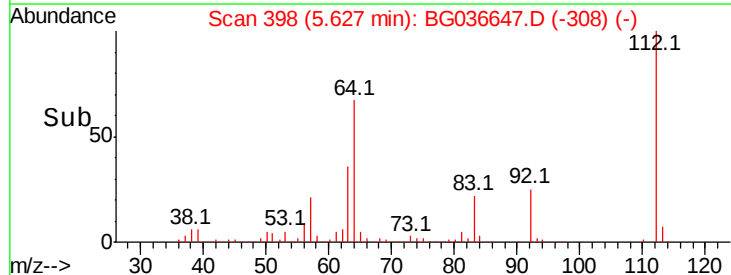
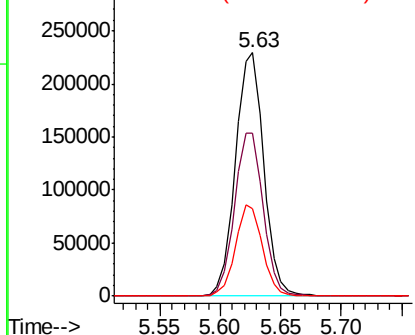


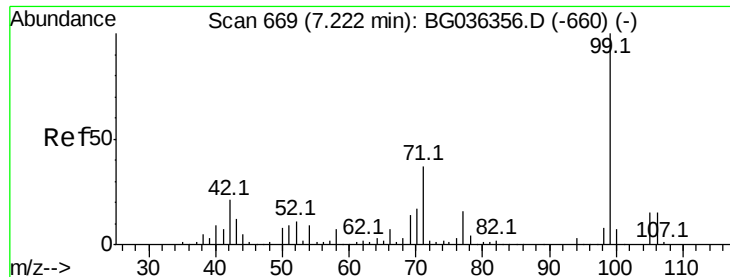
Abundance

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: 92.330 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036647.D

Acq: 11 Sep 2018 5:25

Instrument :

BNA_G

ClientSampleId :

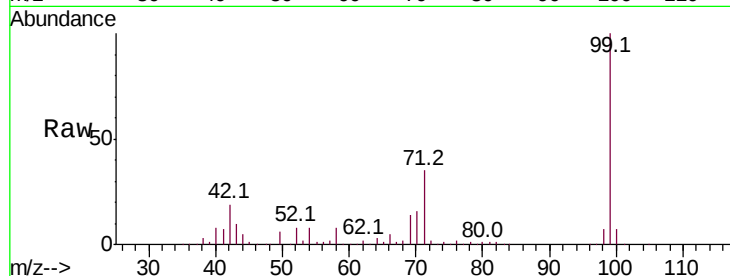
Tot Ion: 99 Resp: 471574

Ion Ratio Lower Upper

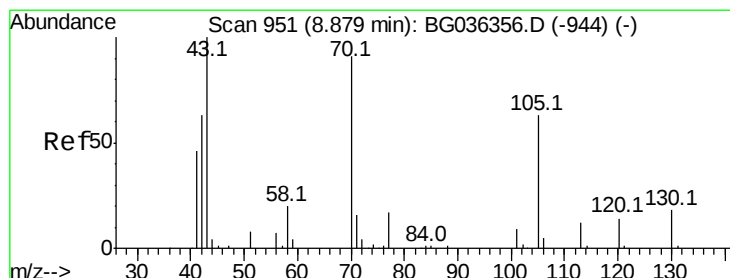
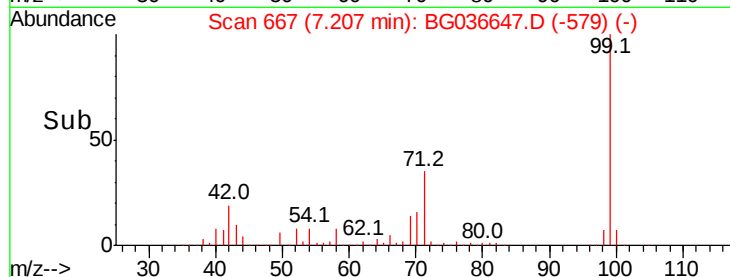
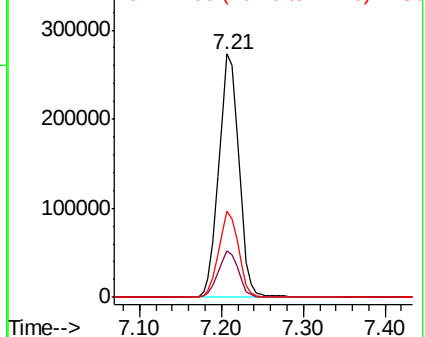
99 100

42 18.9 16.5 24.7

71 35.4 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: 13.057 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036647.D

Acq: 11 Sep 2018 5:25

Tgt Ion: 70 Resp: 49841

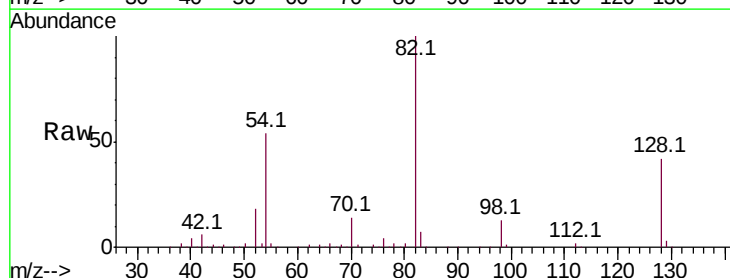
Ion Ratio Lower Upper

70 100

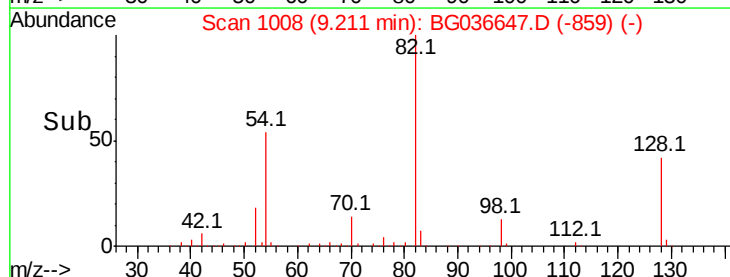
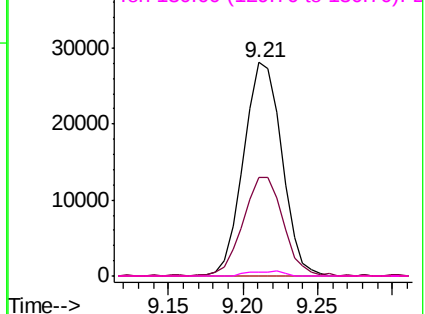
42 46.3 56.2 84.4#

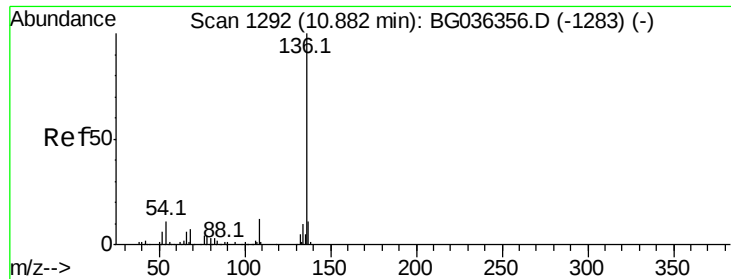
101 0.0 7.8 11.6#

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

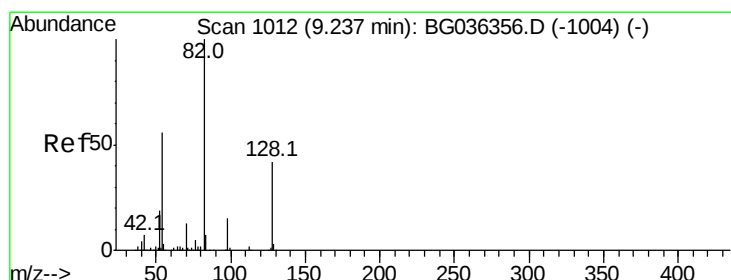
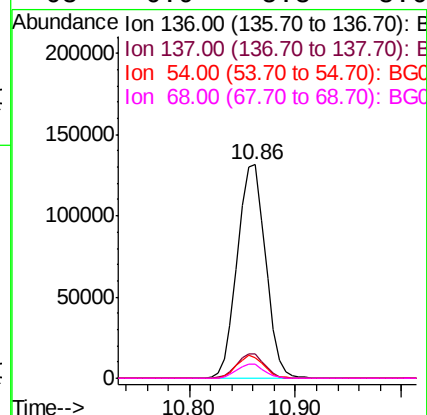
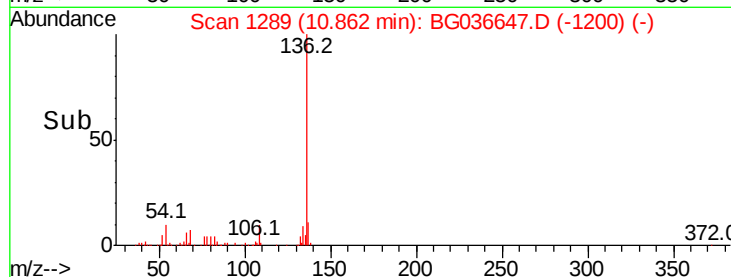
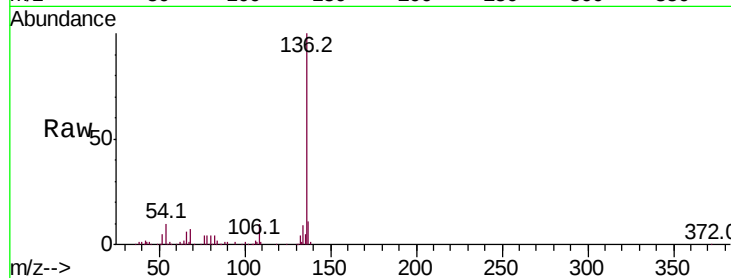




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036647.D
Acq: 11 Sep 2018 5:25

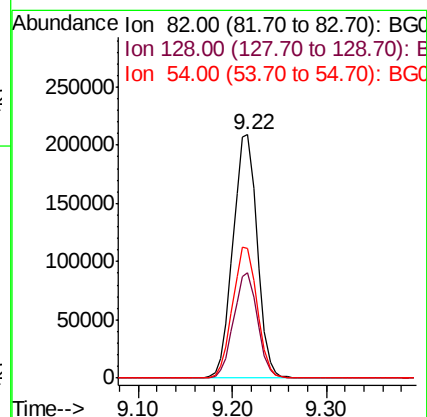
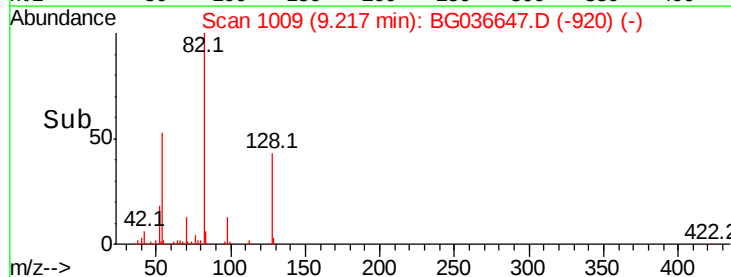
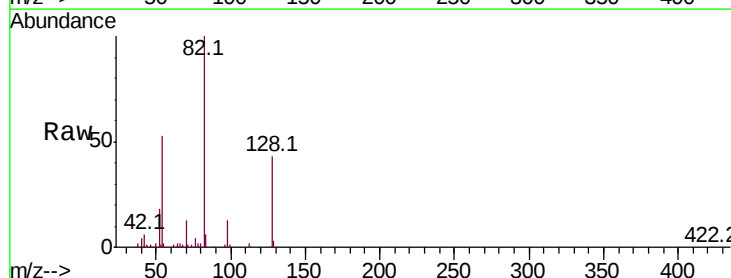
Instrument :
BNA_G
ClientSampleId :

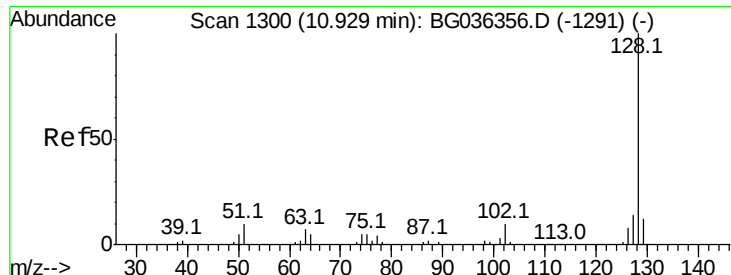
Tot Ion:136	Resp:	243266
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 9.6	9.2	13.8
68 6.9	5.8	8.6



#23
Nitrobenzene-d5
Concen: 83.883 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036647.D
Acq: 11 Sep 2018 5:25

Tgt Ion: 82	Resp: 376099
Ion Ratio	Lower Upper
82 100	
128 43.2	33.3 49.9
54 53.0	45.1 67.7

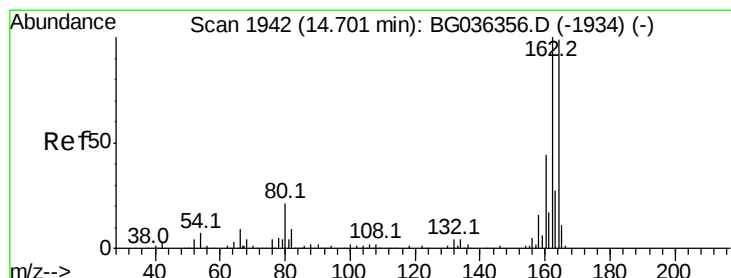
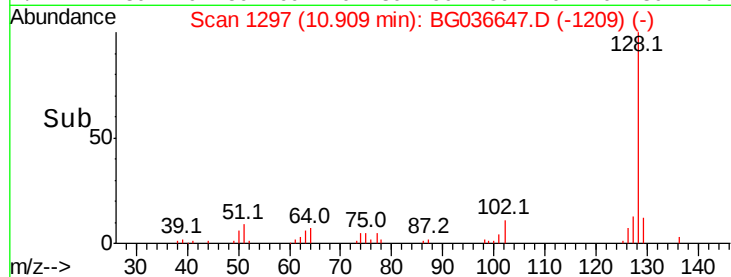
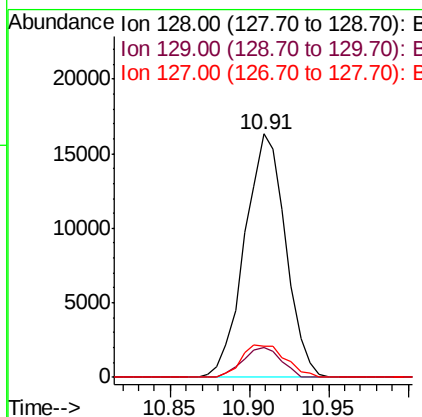
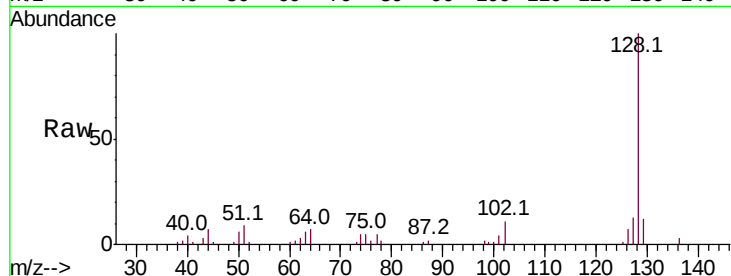




#31
Naphthalene
Concen: 2.404 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036647.D
Acq: 11 Sep 2018 5:25

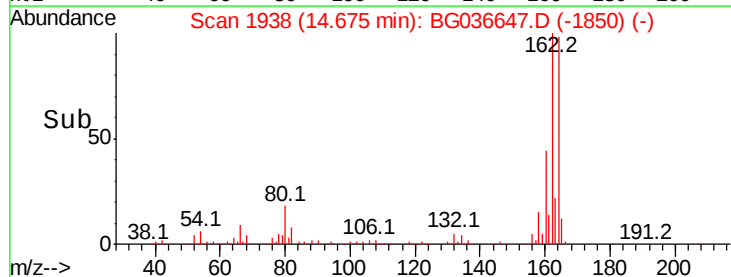
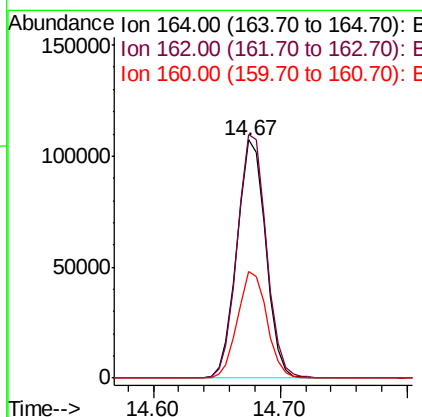
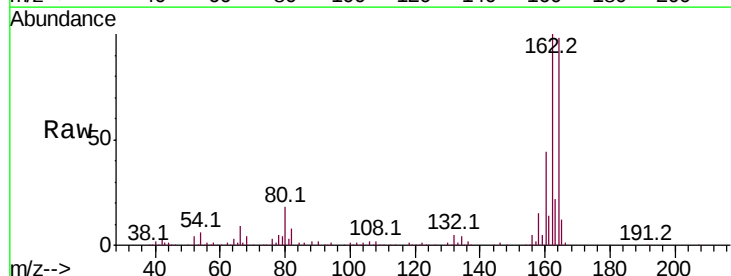
Instrument :
BNA_G
ClientSampleId :

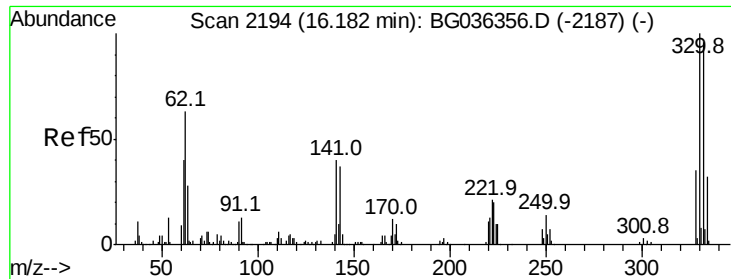
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.2
127	13.0	11.0	16.4



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036647.D
Acq: 11 Sep 2018 5:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.7	121.1
160	44.5	35.3	52.9

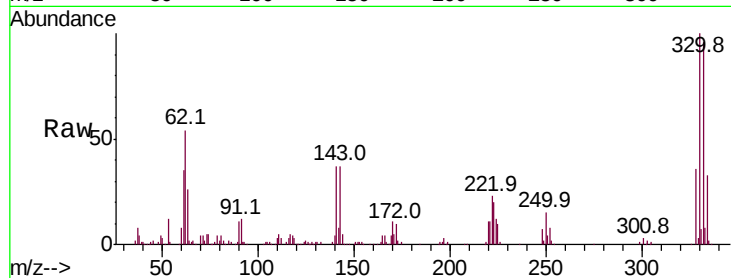




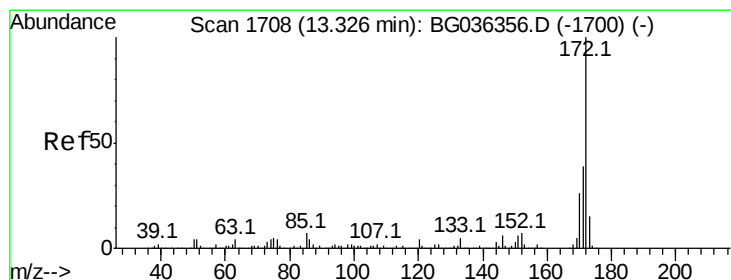
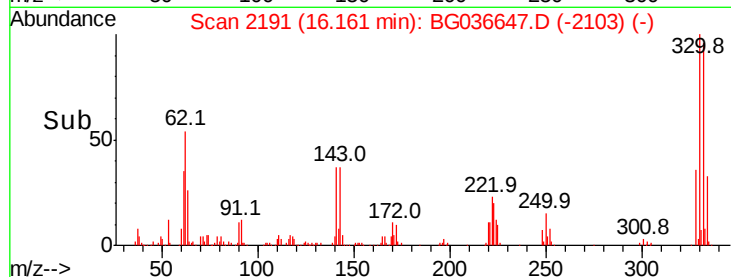
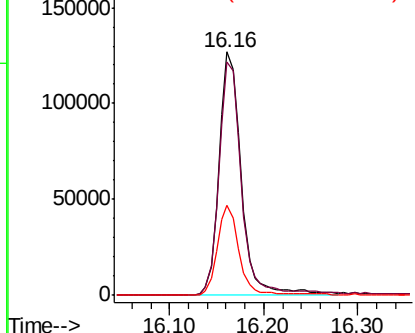
#41
 2,4,6-Tribromophenol
 Concen: 105.519 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036647.D
 Acq: 11 Sep 2018 5:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 212180
 Ion Ratio Lower Upper
 330 100
 332 97.2 75.4 113.2
 141 36.3 30.7 46.1

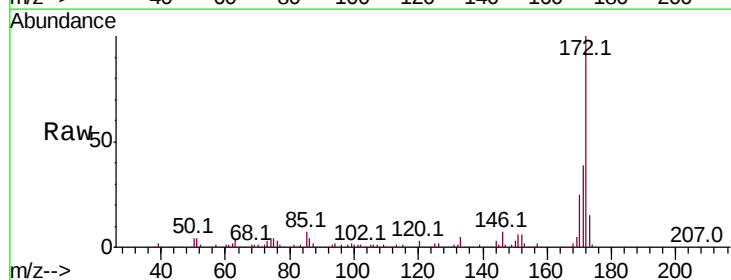


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

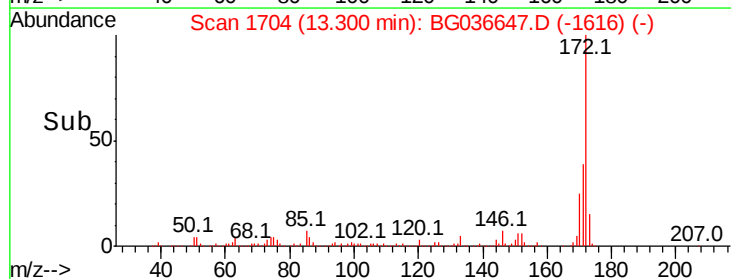
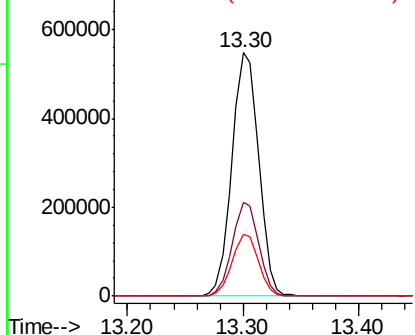


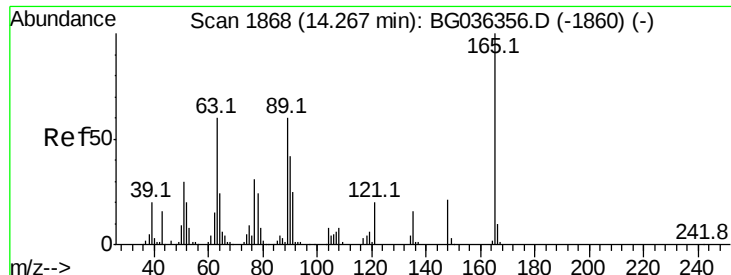
#44
 2-Fluorobiphenyl
 Concen: 74.676 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036647.D
 Acq: 11 Sep 2018 5:25

Tgt Ion:172 Resp: 881377
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.3 46.9
 170 25.5 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: 7.526 ng

RT: 14.68 min Scan# 1939

Delta R.T. 0.42 min

Lab File: BG036647.D

Acq: 11 Sep 2018 5:25

Instrument :

BNA_G

ClientSampleId :

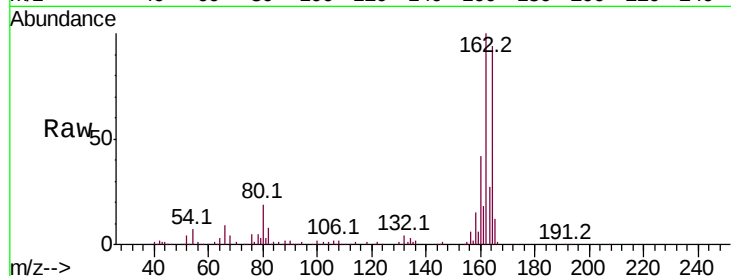
Tot Ion:165 Resp: 21311

Ion Ratio Lower Upper

165 100

63 2.0 50.1 75.1#

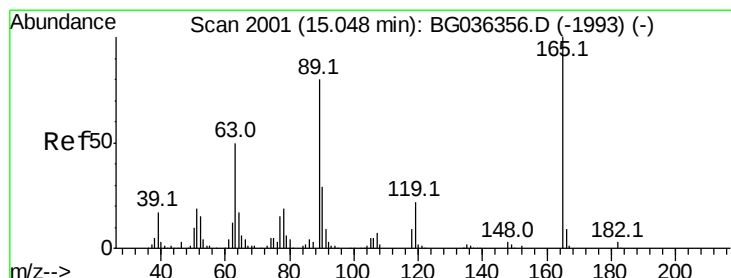
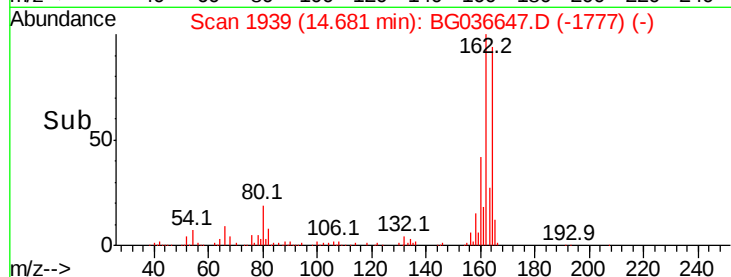
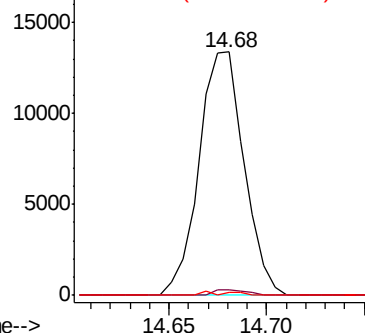
89 1.5 47.8 71.6#



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



#56

2,4-Dinitrotoluene

Concen: 5.775 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.36 min

Lab File: BG036647.D

Acq: 11 Sep 2018 5:25

Tgt Ion:165 Resp: 21311

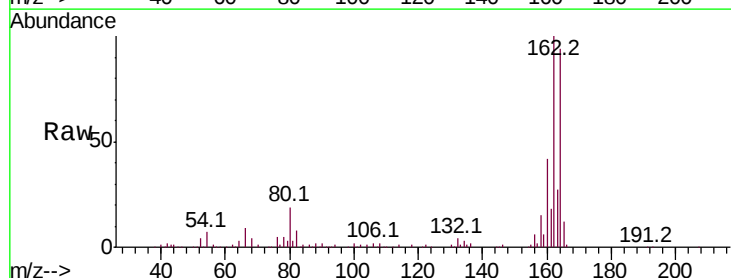
Ion Ratio Lower Upper

165 100

63 2.0 40.1 60.1#

89 1.5 63.7 95.5#

182 0.0 2.5 3.7#

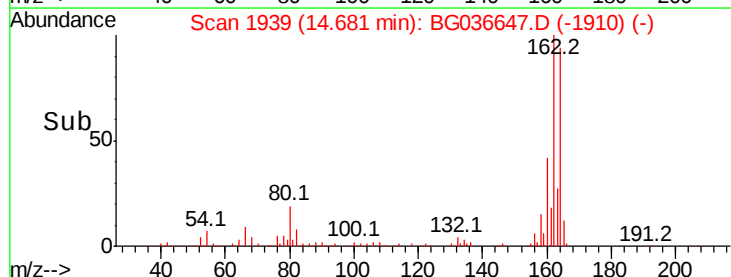
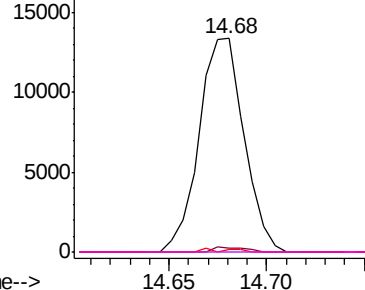


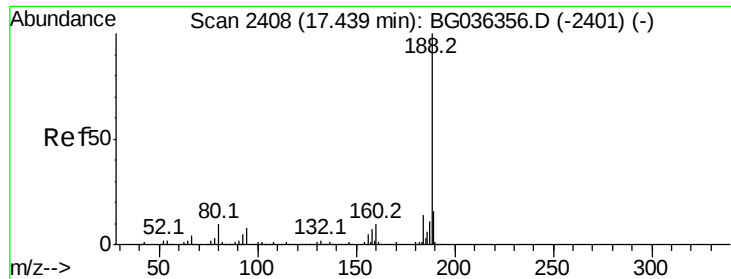
Abundance Ion 165.00 (164.70 to 165.70): E

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

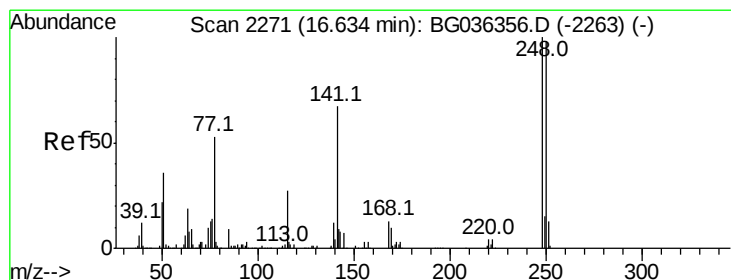
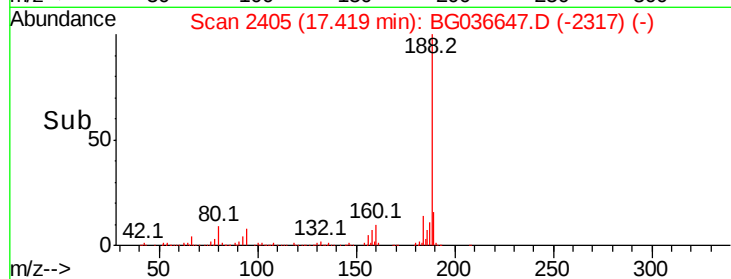
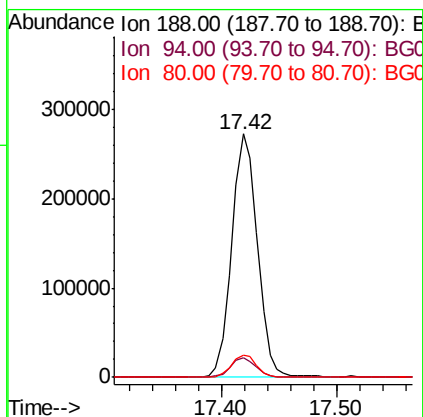
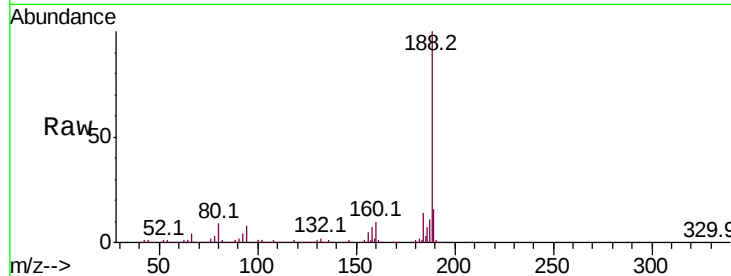




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036647.D
Acq: 11 Sep 2018 5:25

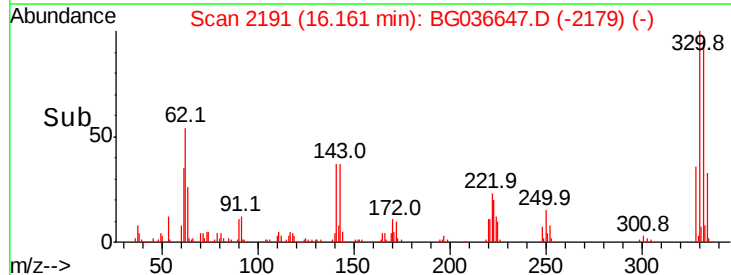
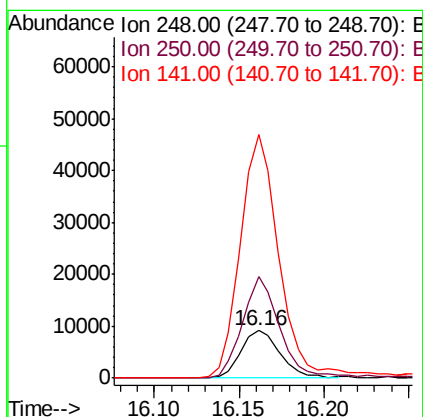
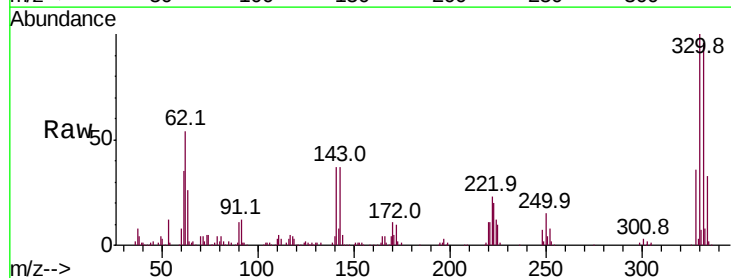
Instrument :
BNA_G
ClientSampleId :

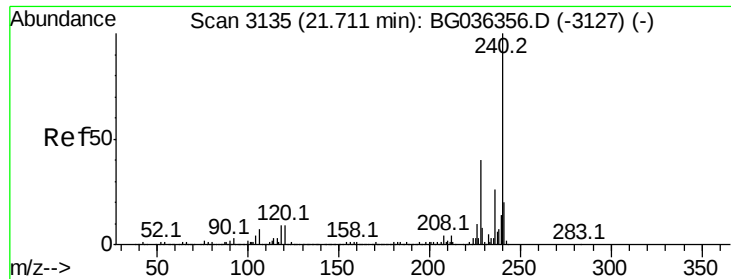
Tot Ion:188 Resp: 419018
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.2 8.1 12.1



#66
4-Bromophenyl-phenylether
Concen: 3.016 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036647.D
Acq: 11 Sep 2018 5:25

Tgt Ion:248 Resp: 14795
Ion Ratio Lower Upper
248 100
250 212.2 78.1 117.1#
141 511.8 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036647.D

Acq: 11 Sep 2018 5:25

Instrument :

BNA_G

ClientSampled :

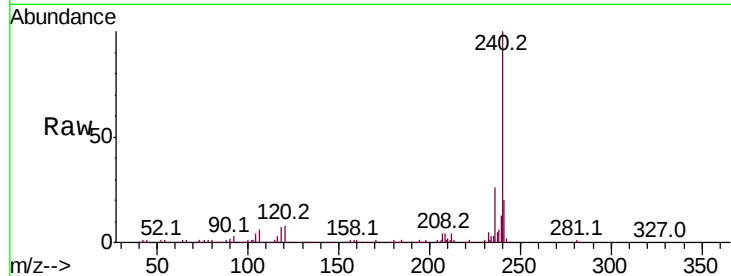
Tot Ion:240 Resp: 423029

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

236 25.7 21.2 31.8

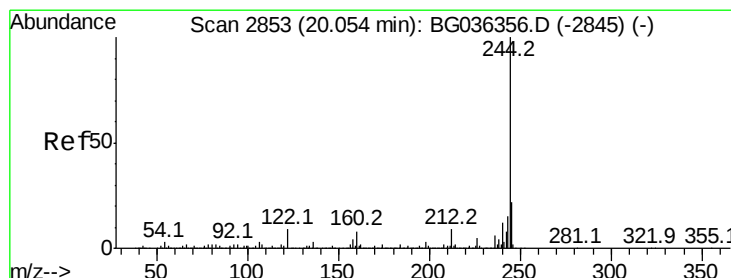
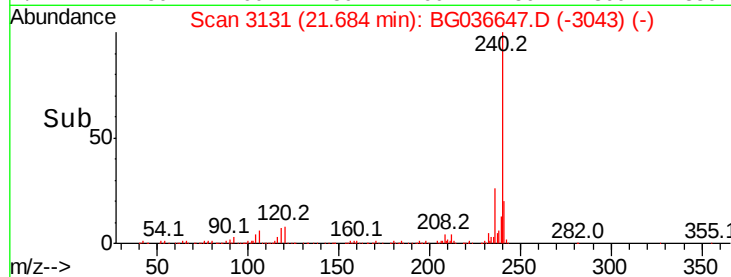
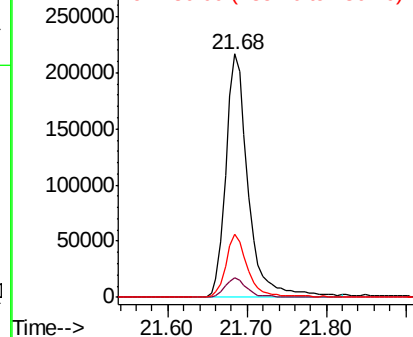


Abundance

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: 84.568 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036647.D

Acq: 11 Sep 2018 5:25

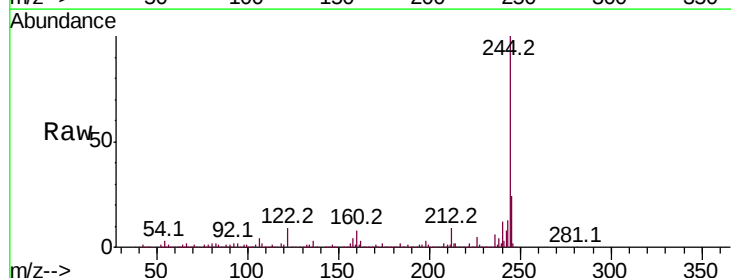
Tgt Ion:244 Resp: 1530578

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

122 9.4 7.1 10.7

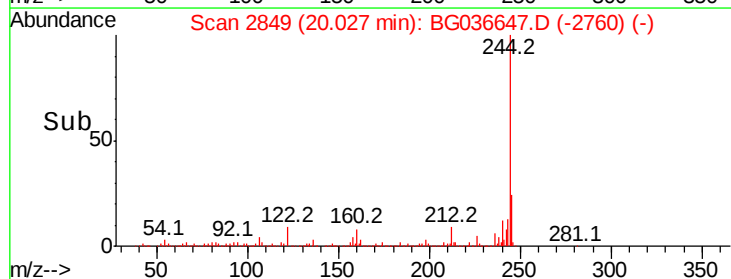
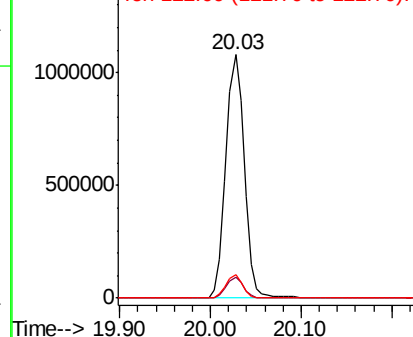


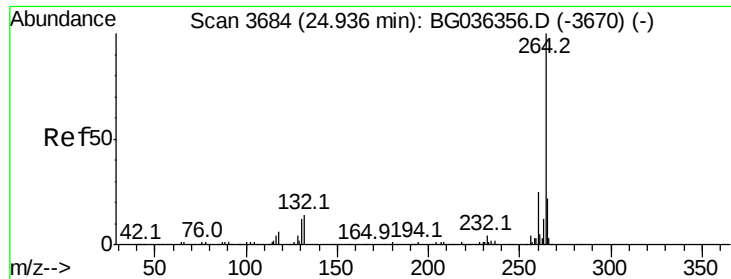
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036647.D
Acq: 11 Sep 2018 5:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	20.5	17.4	26.0

