

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
 Data File : BG036833.D
 Acq On : 19 Sep 2018 23:52
 Operator : JU/SJ
 Sample : J4979-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 20 07:07:46 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

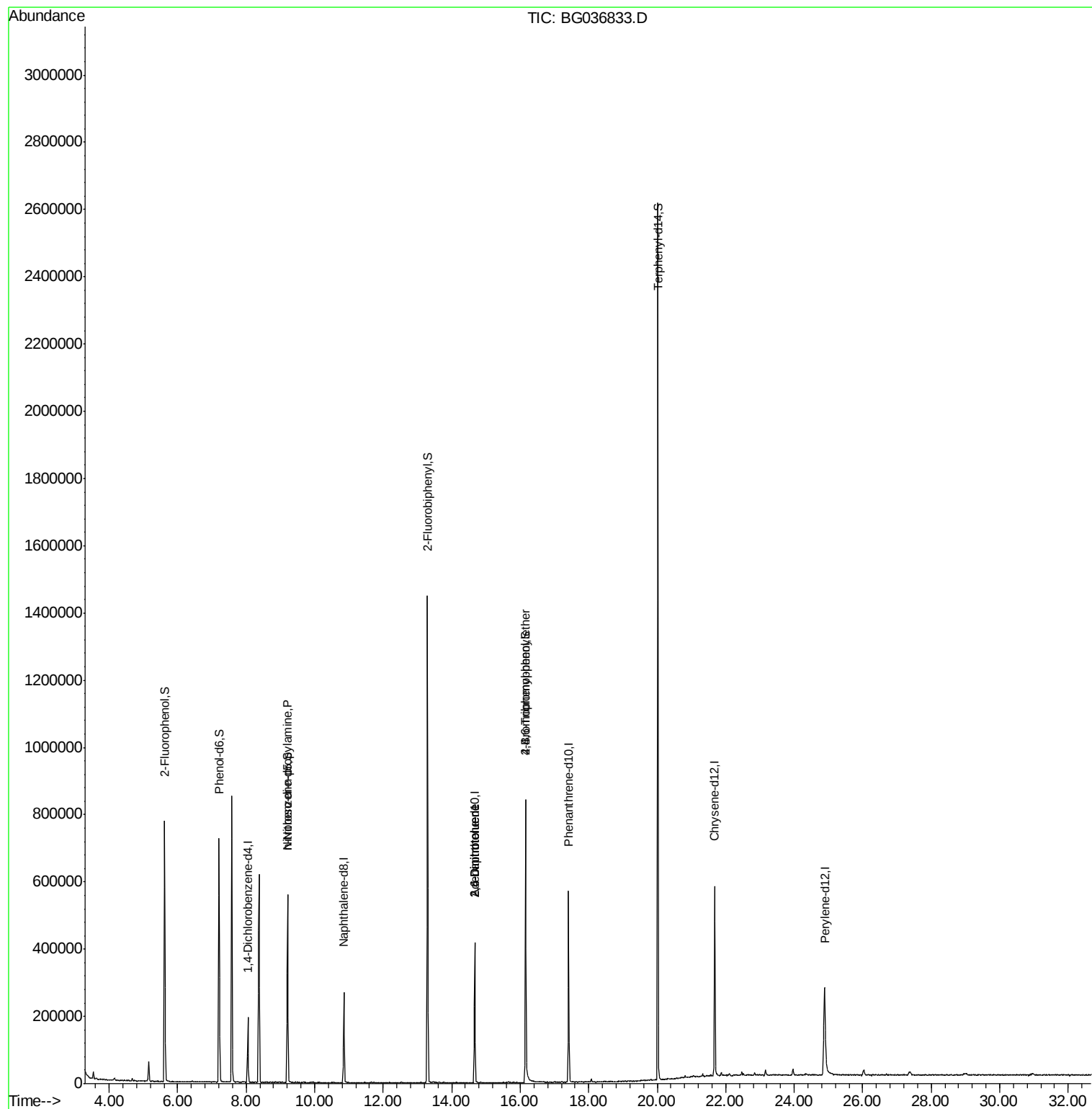
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51998	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	225388	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	146295	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	360316	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	371827	20.00	ng	-0.01
86) Perylene-d12	24.89	264	352933	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	327050	99.77	ng	0.00
7) Phenol-d6	7.20	99	421713	89.86	ng	-0.01
23) Nitrobenzene-d5	9.21	82	338224	81.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	168642	96.61	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	741128	72.33	ng	-0.01
78) Terphenyl-d14	20.02	244	1221673	76.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	45521	12.978	ng	# 72
50) 2,6-Dinitrotoluene	14.67	165	18572	7.555	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	18572	5.797	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	11856	2.810	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
Data File : BG036833.D
Acq On : 19 Sep 2018 23:52
Operator : JU/SJ
Sample : J4979-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 20 07:07:46 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



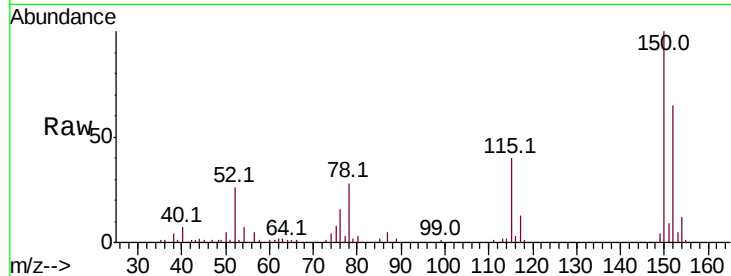


#1

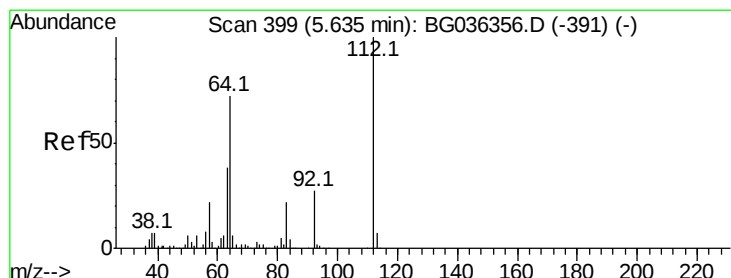
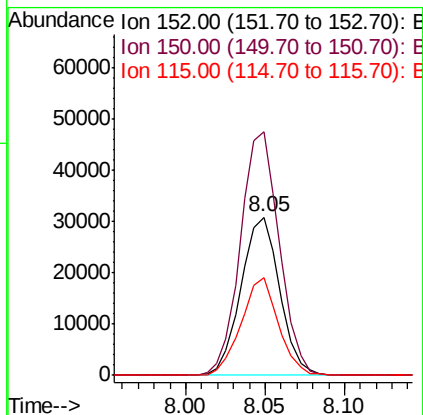
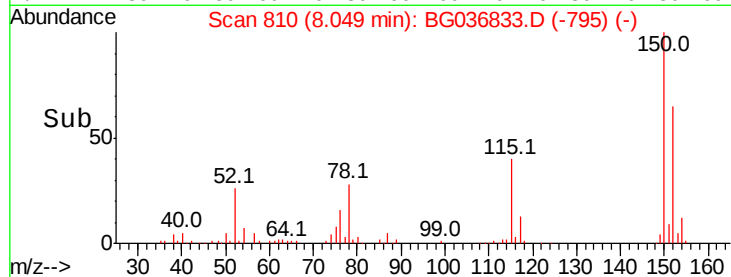
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036833.D
Acq: 19 Sep 2018 23:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51998
Ion Ratio Lower Upper
152 100
150 154.1 119.5 179.3
115 62.0 44.5 66.7



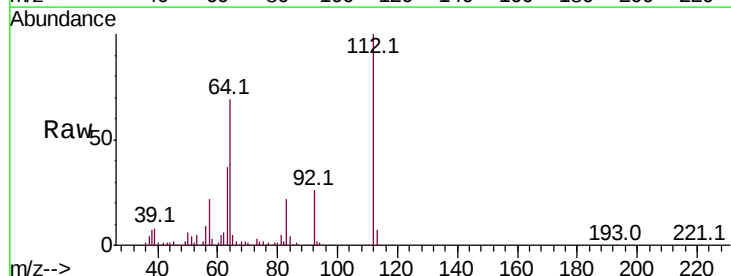
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



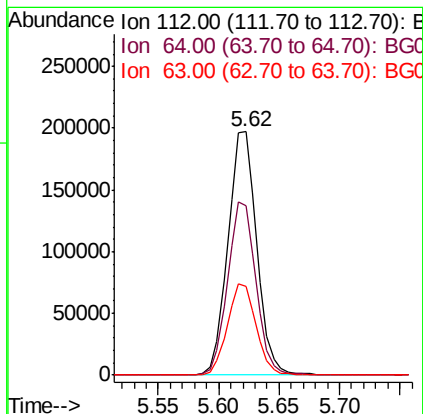
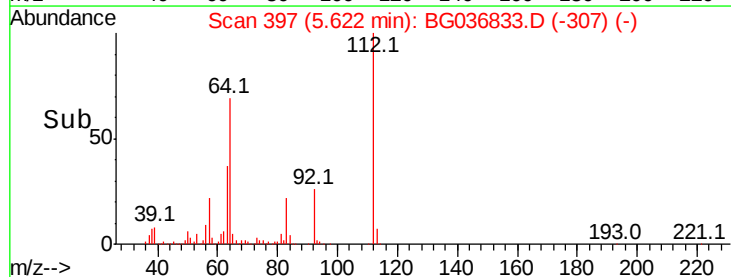
#5

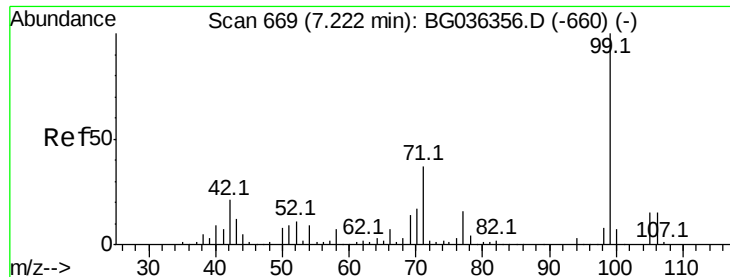
2-Fluorophenol
Concen: 99.773 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036833.D
Acq: 19 Sep 2018 23:52

Tgt Ion:112 Resp: 327050
Ion Ratio Lower Upper
112 100
64 69.4 57.2 85.8
63 36.6 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: 89.856 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036833.D

Acq: 19 Sep 2018 23:52

Instrument :

BNA_G

ClientSampleId :

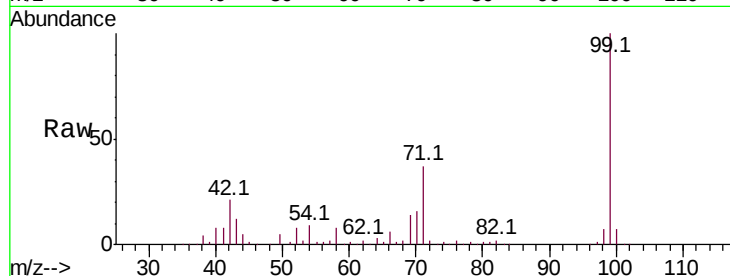
Tot Ion: 99 Resp: 421713

Ion Ratio Lower Upper

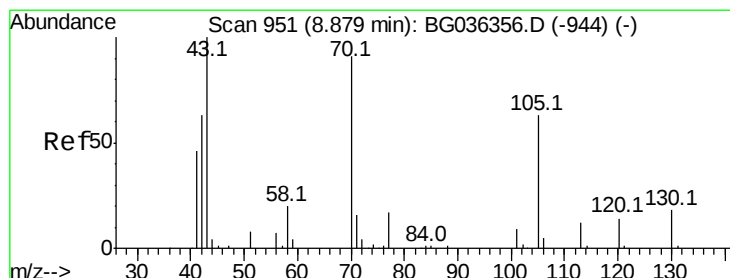
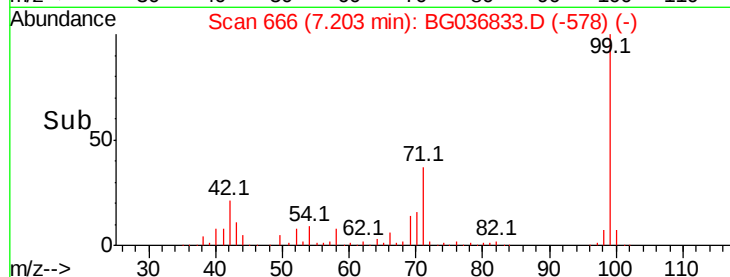
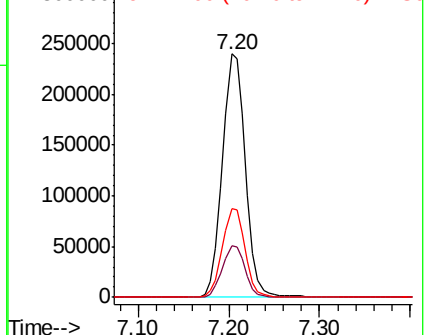
99 100

42 21.1 16.5 24.7

71 36.7 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: 12.978 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036833.D

Acq: 19 Sep 2018 23:52

Tgt Ion: 70 Resp: 45521

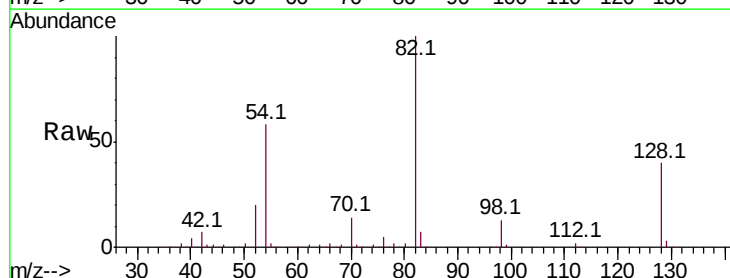
Ion Ratio Lower Upper

70 100

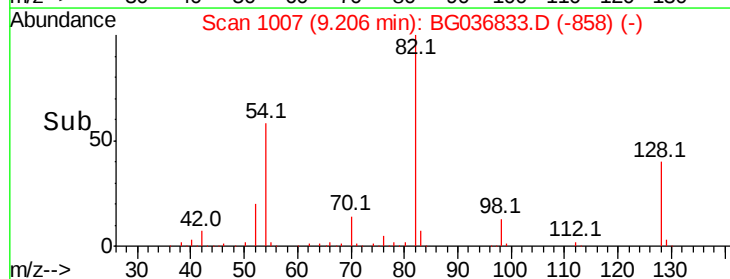
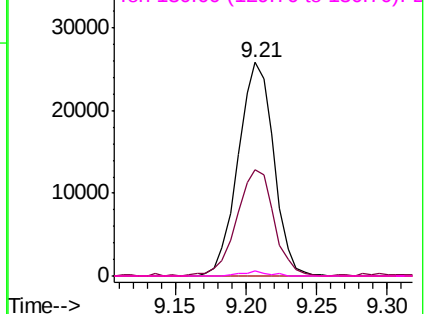
42 49.5 56.2 84.4#

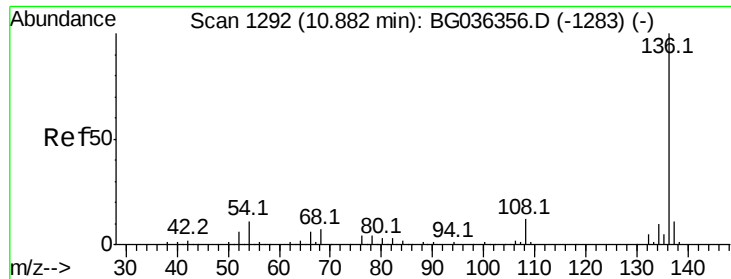
101 0.0 7.8 11.6#

130 2.1 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

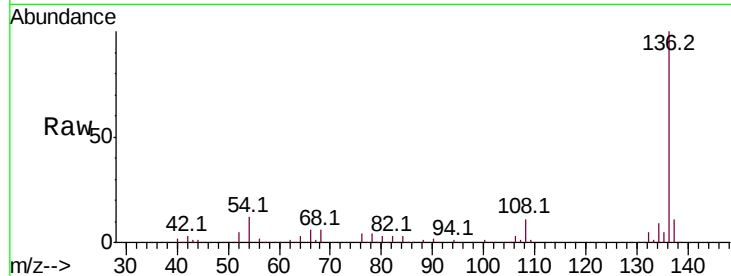




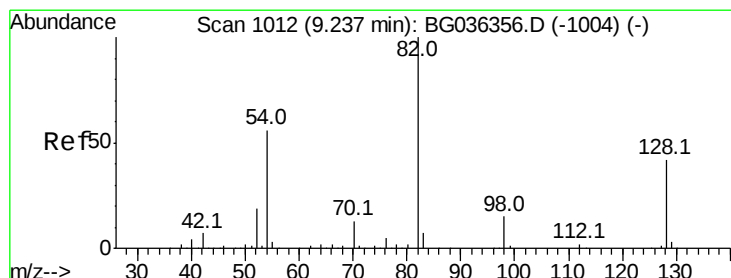
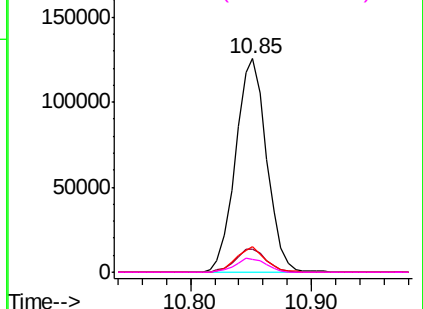
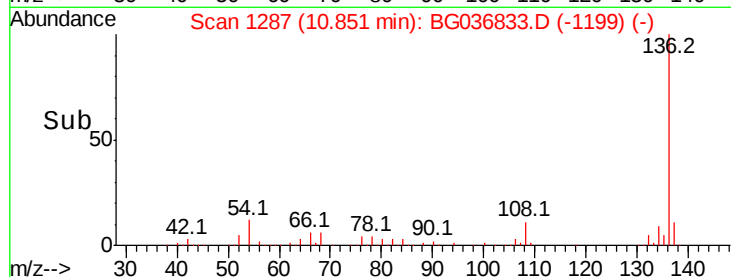
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036833.D
Acq: 19 Sep 2018 23:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	225388
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	12.1	9.2	13.8
68	6.3	5.8	8.6

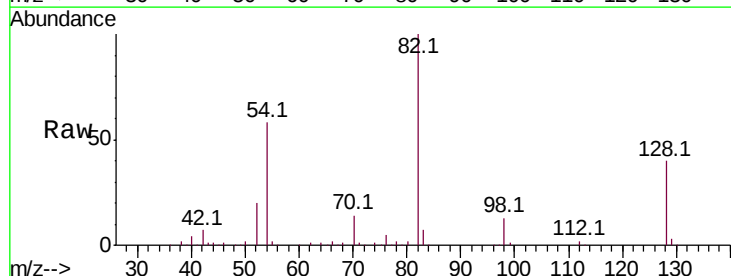


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

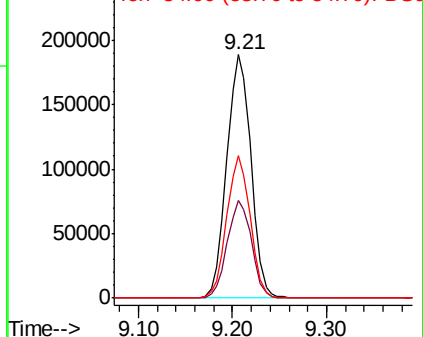
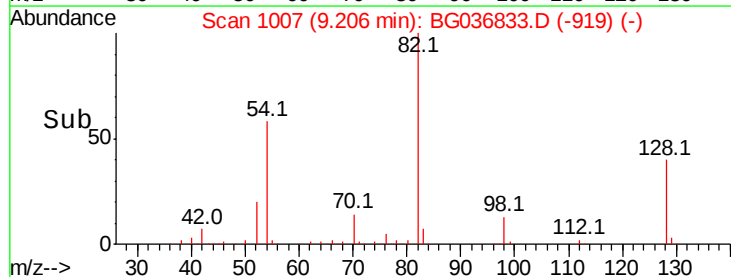


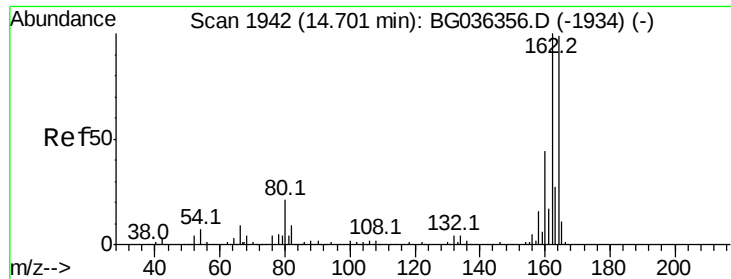
#23
Nitrobenzene-d5
Concen: 81.419 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036833.D
Acq: 19 Sep 2018 23:52

Tgt Ion:	82	Resp:	338224
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.3	49.9
54	58.4	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: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036833.D

Acq: 19 Sep 2018 23:52

Instrument :

BNA_G

ClientSampleId :

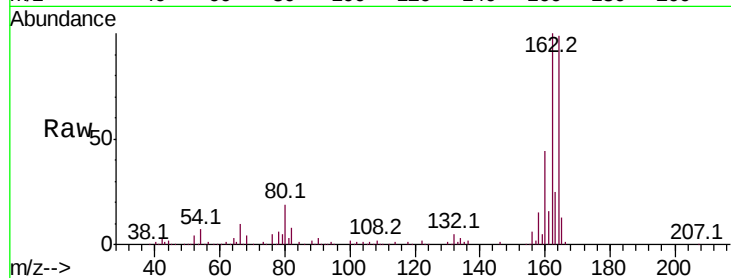
Tot Ion:164 Resp: 146295

Ion Ratio Lower Upper

164 100

162 100.9 80.7 121.1

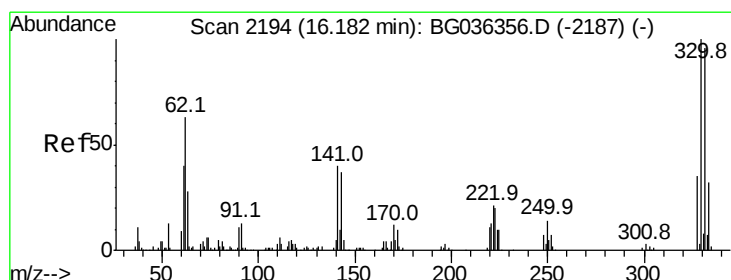
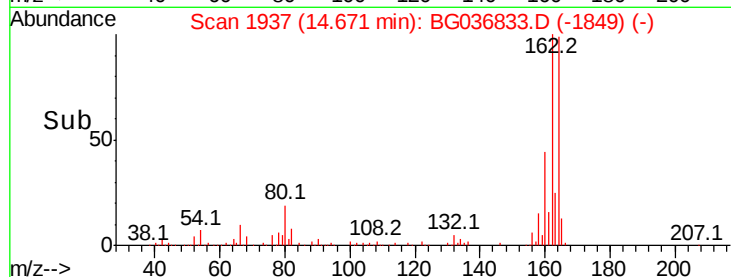
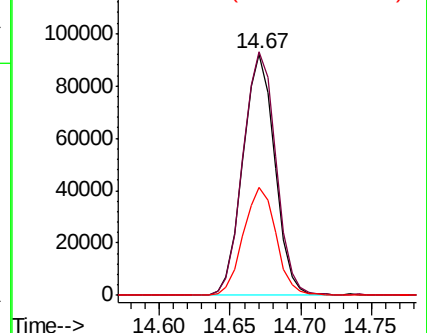
160 44.9 35.3 52.9



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: 96.608 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036833.D

Acq: 19 Sep 2018 23:52

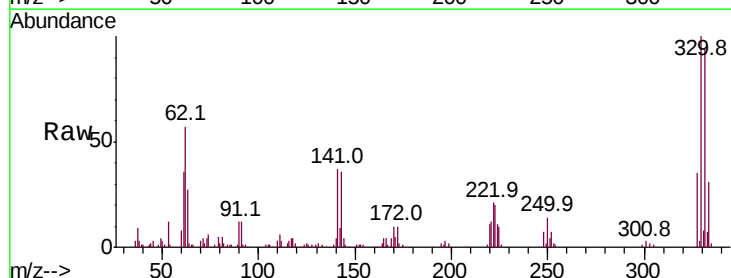
Tgt Ion:330 Resp: 168642

Ion Ratio Lower Upper

330 100

332 94.7 75.4 113.2

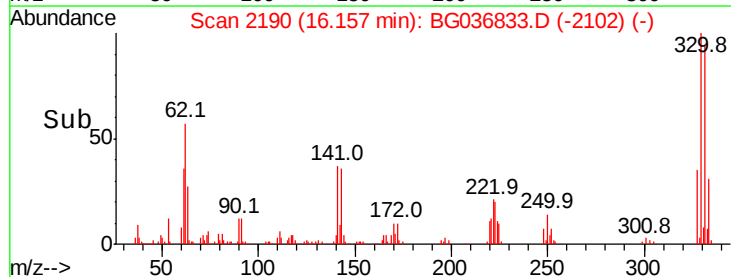
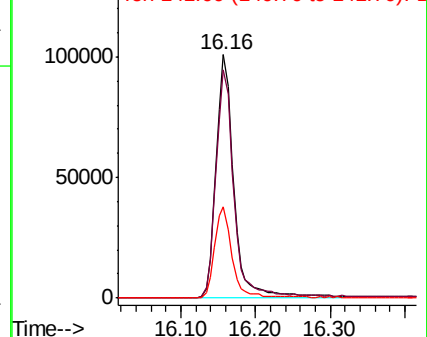
141 36.6 30.7 46.1



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

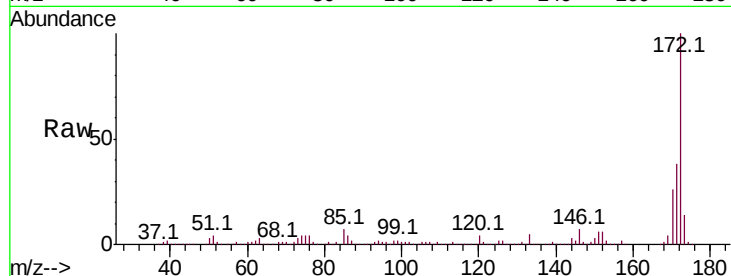




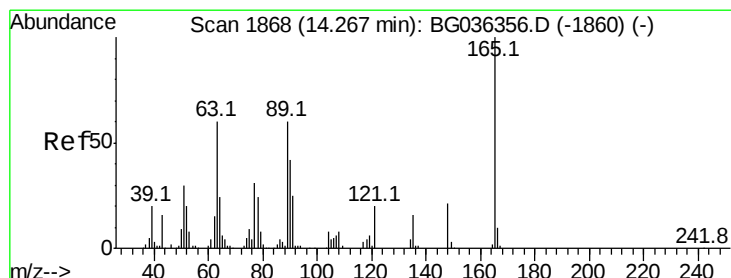
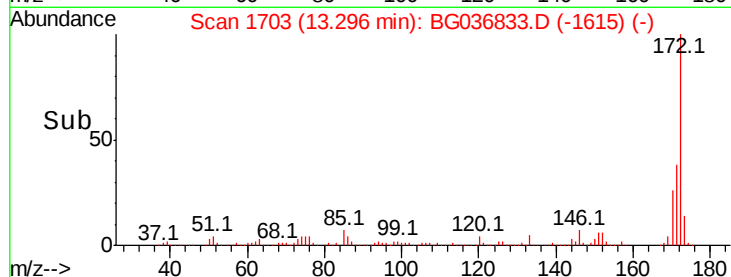
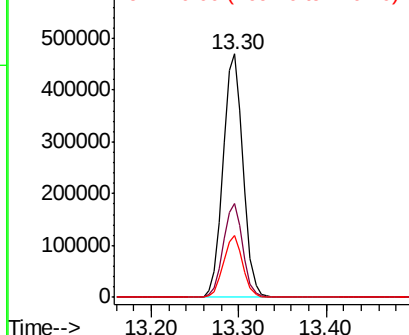
#44
 2-Fluorobiphenyl
 Concen: 72.333 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036833.D
 Acq: 19 Sep 2018 23:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 741128
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.3 46.9
 170 25.5 21.0 31.6

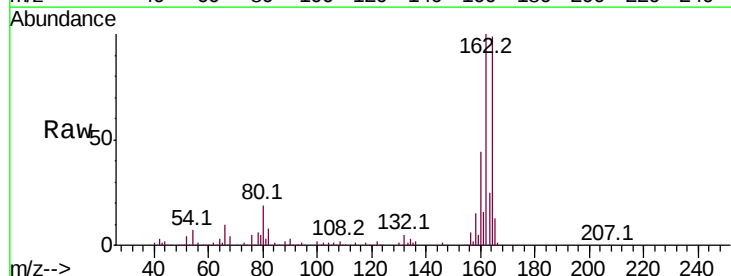


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

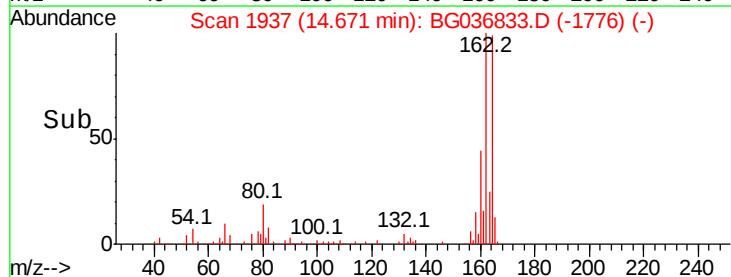
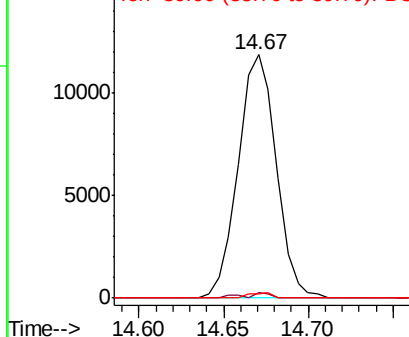


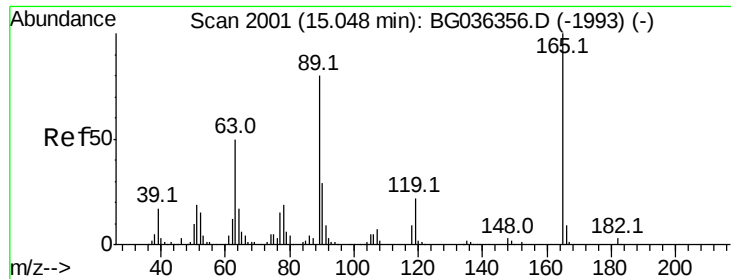
#50
 2,6-Dinitrotoluene
 Concen: 7.555 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.41 min
 Lab File: BG036833.D
 Acq: 19 Sep 2018 23:52

Tgt Ion:165 Resp: 18572
 Ion Ratio Lower Upper
 165 100
 63 2.0 50.1 75.1#
 89 1.9 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

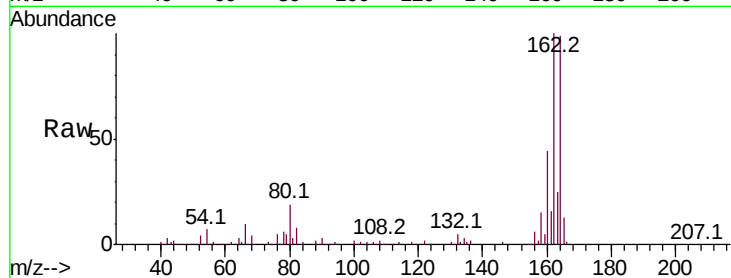




#56
 2,4-Dinitrotoluene
 Concen: 5.797 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036833.D
 Acq: 19 Sep 2018 23:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.1	60.1#
89	1.9	63.7	95.5#
182	0.0	2.5	3.7#

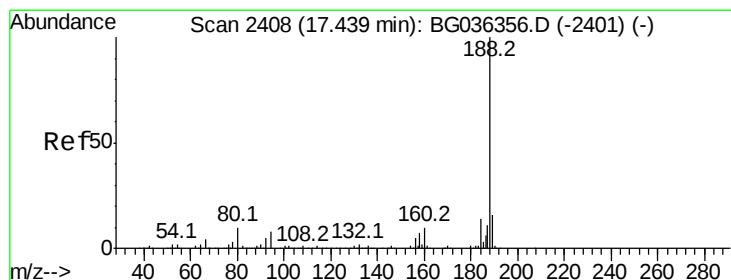
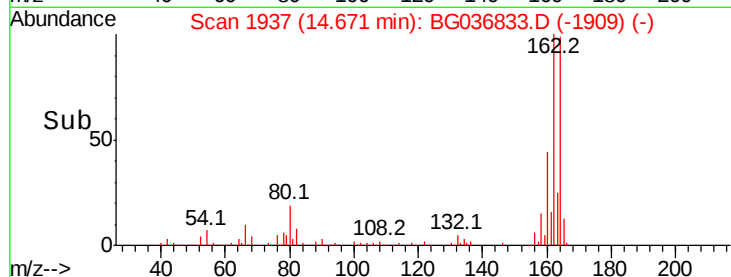
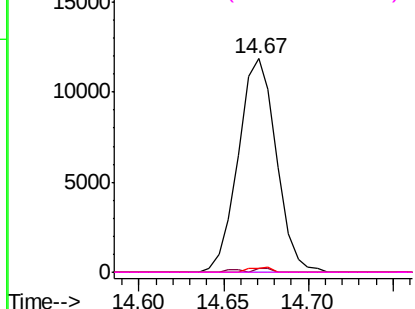


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

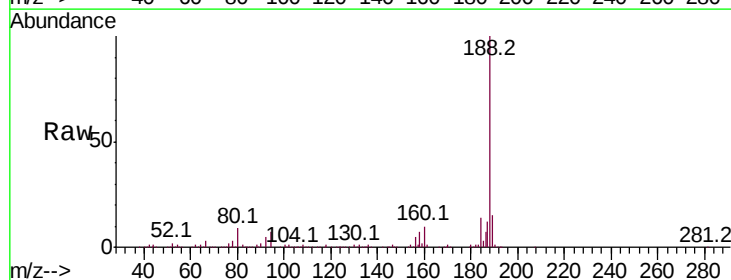
Ion 89.00 (88.70 to 89.70): BGC

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: BG036833.D
 Acq: 19 Sep 2018 23:52

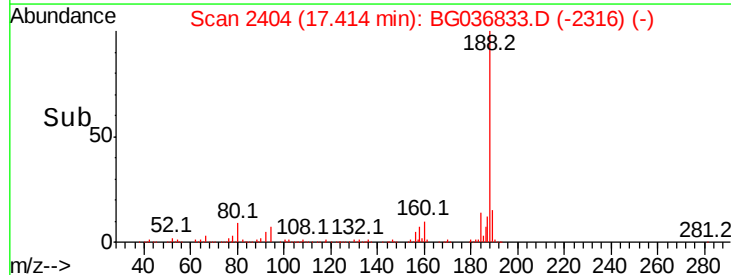
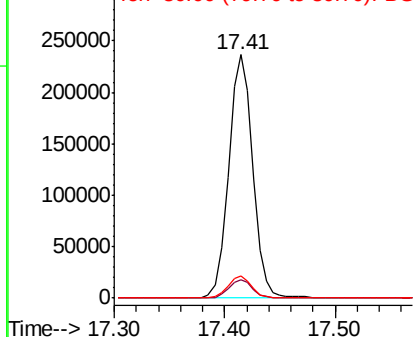
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.7	10.1
80	9.1	8.1	12.1

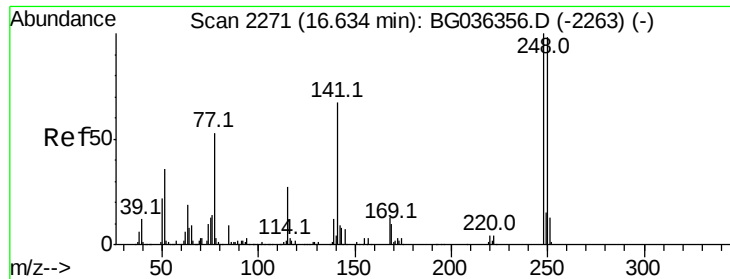


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

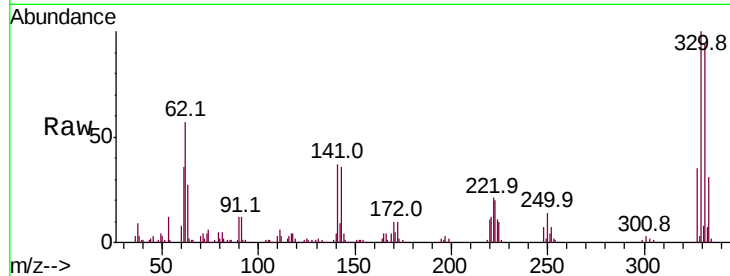




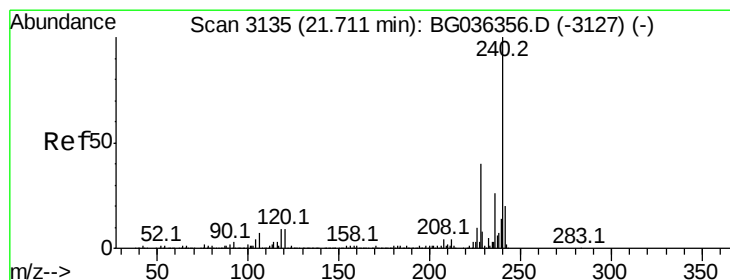
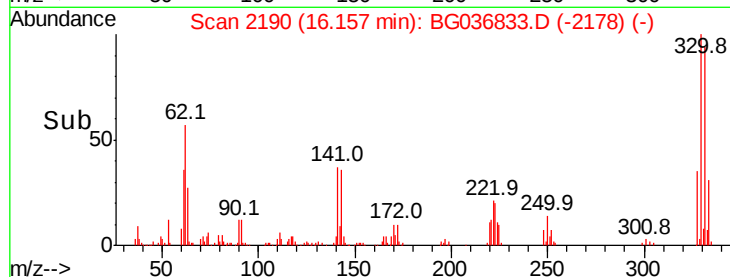
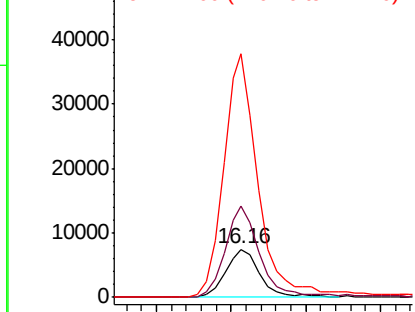
#66
4-Bromophenyl-phenylether
Concen: 2.810 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.46 min
Lab File: BG036833.D
Acq: 19 Sep 2018 23:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 11856
Ion Ratio Lower Upper
248 100
250 190.8 78.1 117.1#
141 507.7 53.7 80.5#

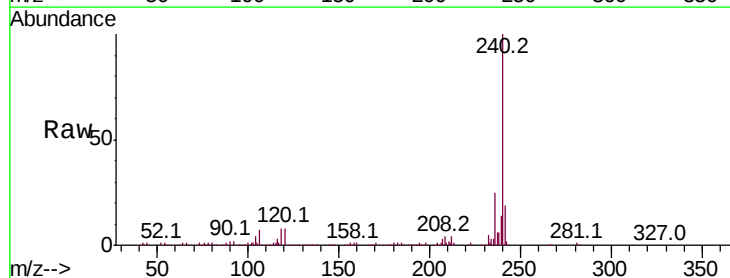


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

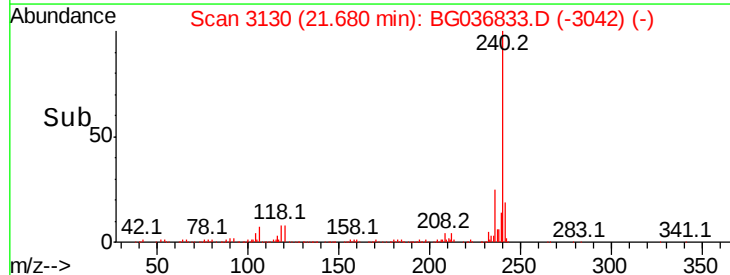
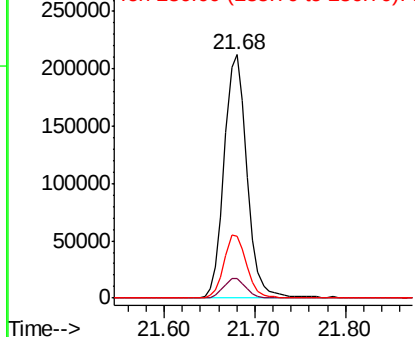


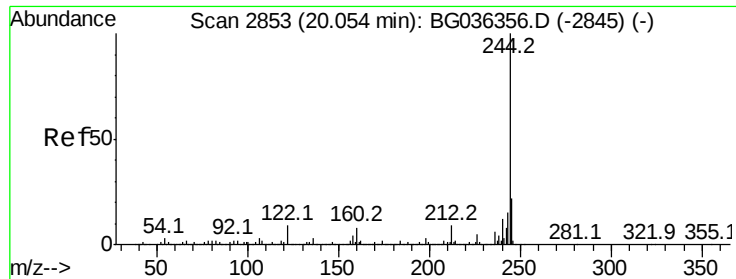
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036833.D
Acq: 19 Sep 2018 23:52

Tgt Ion:240 Resp: 371827
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 25.4 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: 76.796 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036833.D

Acq: 19 Sep 2018 23:52

Instrument :

BNA_G

ClientSampled :

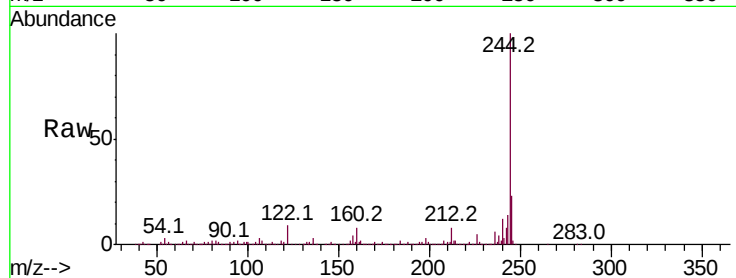
Tot Ion:244 Resp: 1221673

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

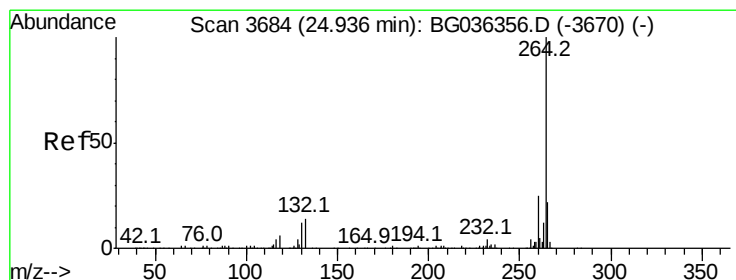
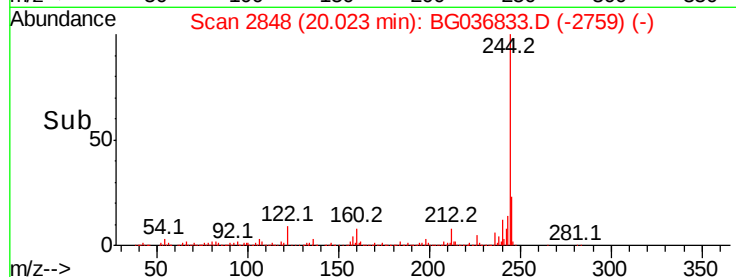
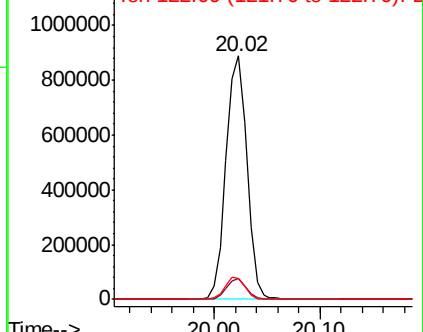
122 8.5 7.1 10.7



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: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG036833.D

Acq: 19 Sep 2018 23:52

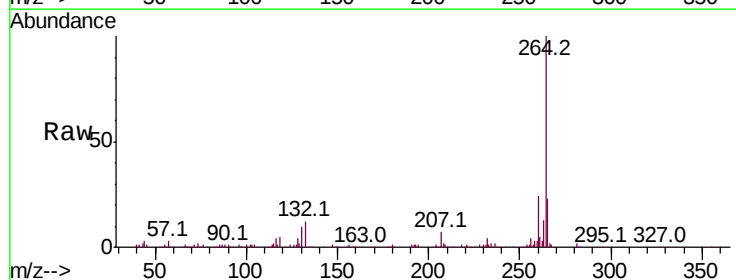
Tgt Ion:264 Resp: 352933

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 22.5 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

