

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036810.D
 Acq On : 19 Sep 2018 7:31
 Operator : JU/SJ
 Sample : J4950-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 11:42:15 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

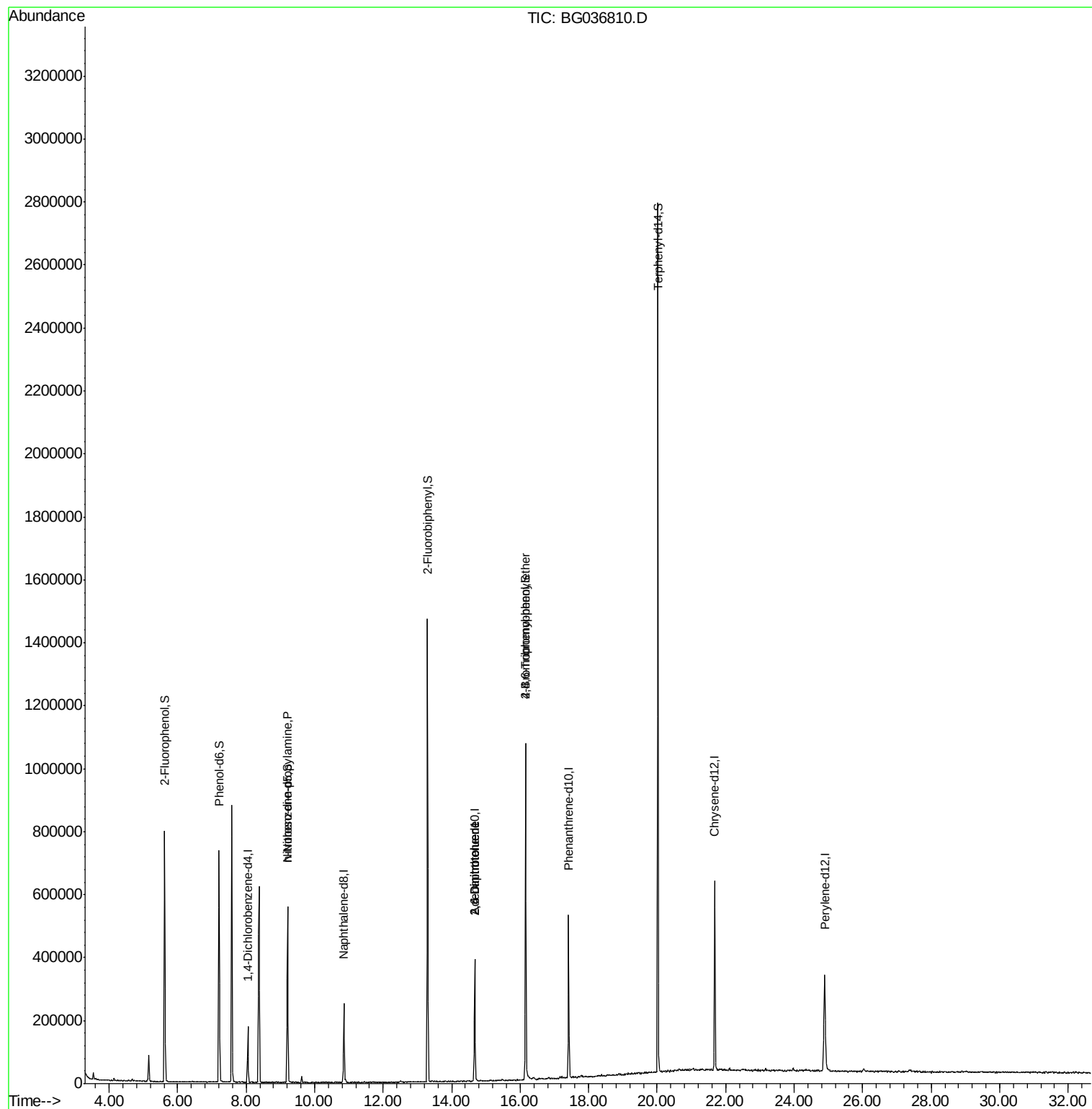
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49761	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	208888	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	134878	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	333281	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	363202	20.00	ng	-0.01
86) Perylene-d12	24.89	264	368740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	338981	108.06	ng	0.00
7) Phenol-d6	7.21	99	425013	94.63	ng	0.00
23) Nitrobenzene-d5	9.21	82	339690	88.23	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	201753	125.36	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	748651	79.25	ng	-0.01
78) Terphenyl-d14	20.02	244	1262740	81.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	44693	13.315	ng	# 74
50) 2,6-Dinitrotoluene	14.67	165	16842	7.432	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	16842	5.702	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	14915	3.822	ng	# 1

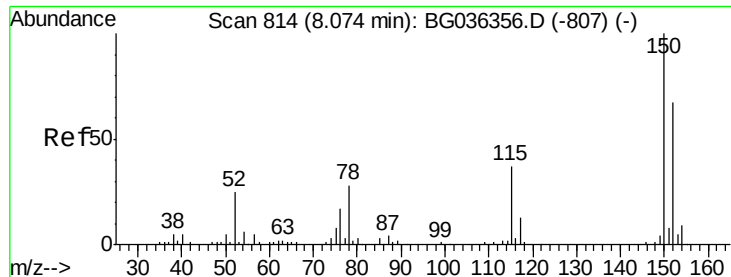
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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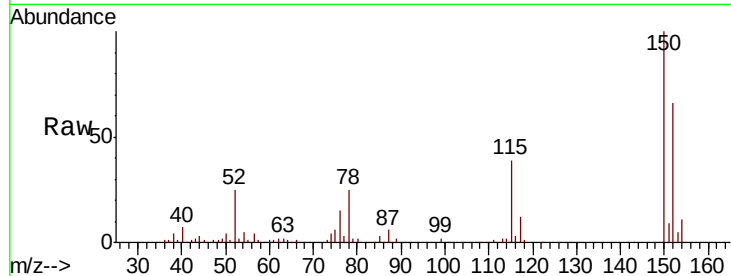




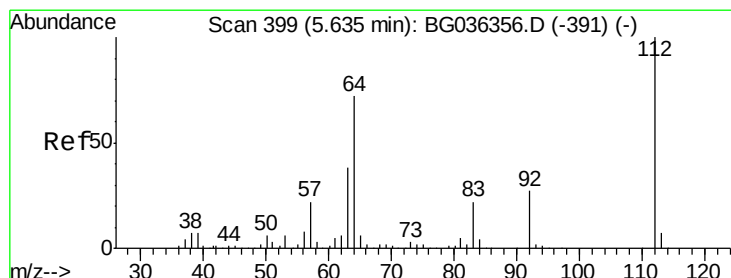
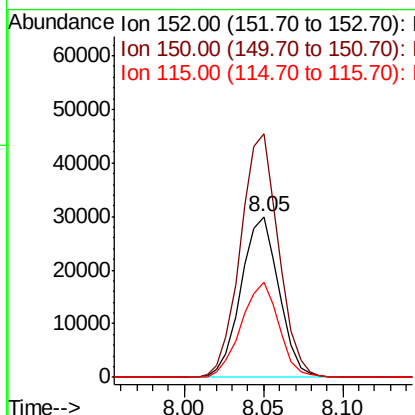
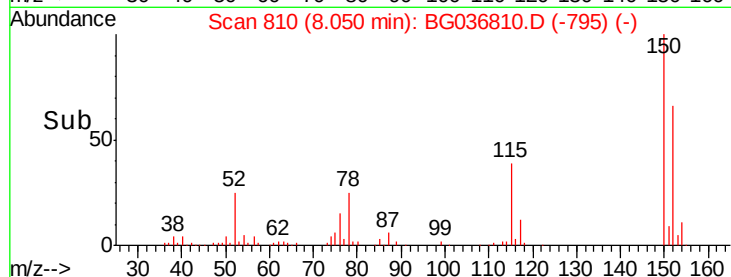
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG036810.D
 Acq: 19 Sep 2018 7:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 49761
 Ion Ratio Lower Upper
 152 100
 150 151.3 119.5 179.3
 115 59.0 44.5 66.7

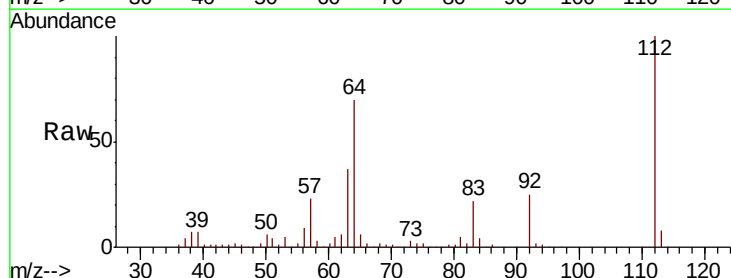


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

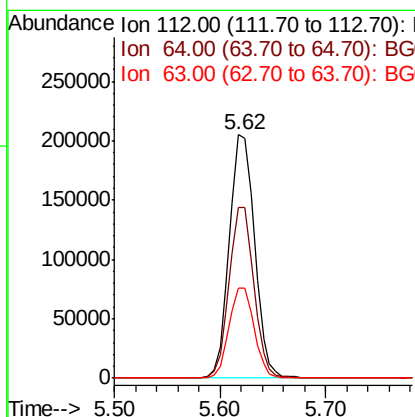
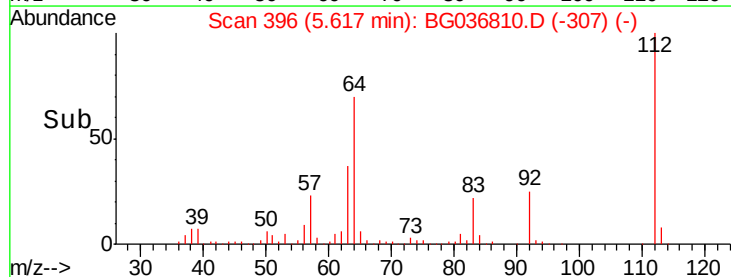


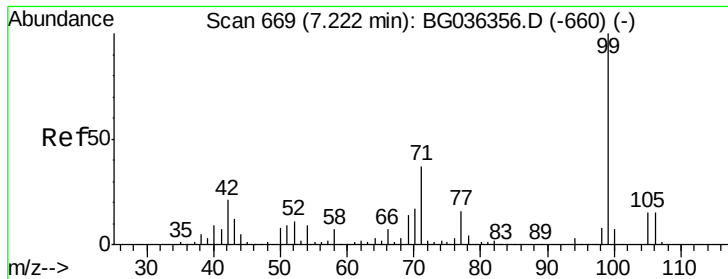
#5
 2-Fluorophenol
 Concen: 108.061 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG036810.D
 Acq: 19 Sep 2018 7:31

Tgt Ion:112 Resp: 338981
 Ion Ratio Lower Upper
 112 100
 64 70.1 57.2 85.8
 63 37.0 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: 94.630 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036810.D

Acq: 19 Sep 2018 7:31

Instrument :

BNA_G

ClientSampleId :

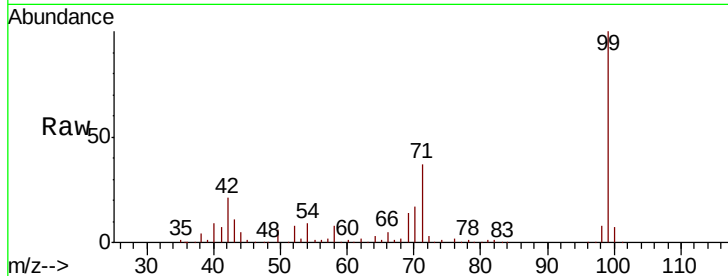
Tot Ion: 99 Resp: 425013

Ion Ratio Lower Upper

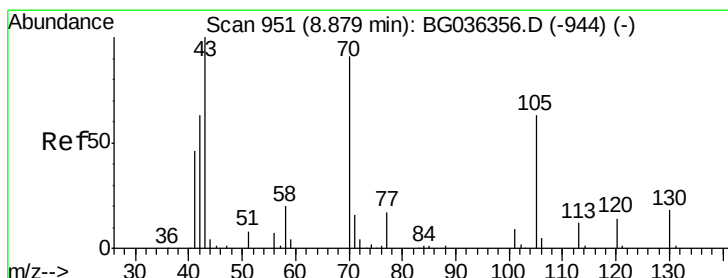
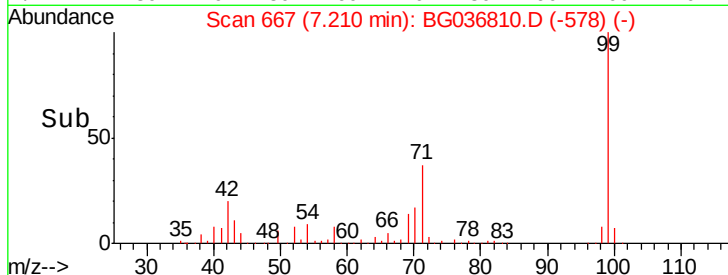
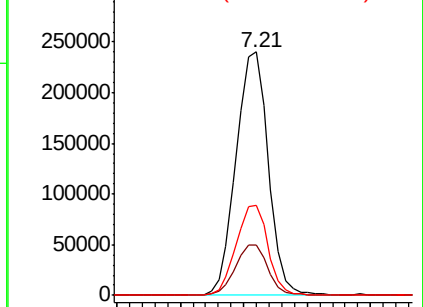
99 100

42 20.6 16.5 24.7

71 37.2 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: 13.315 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036810.D

Acq: 19 Sep 2018 7:31

Tgt Ion: 70 Resp: 44693

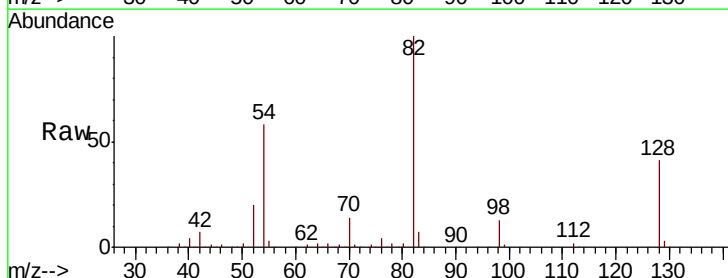
Ion Ratio Lower Upper

70 100

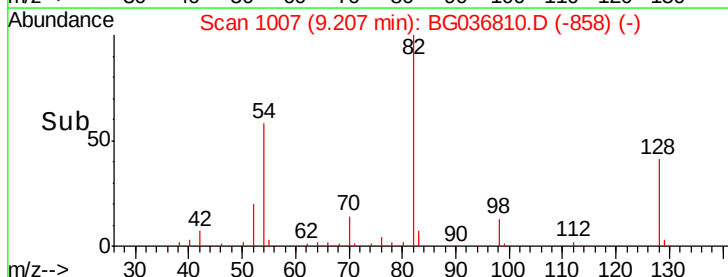
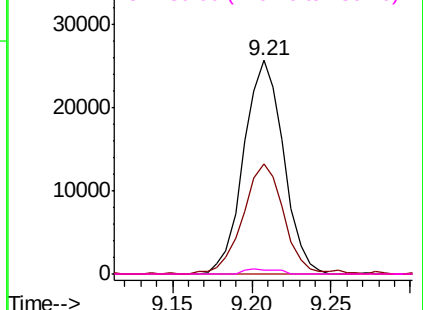
42 51.7 56.2 84.4#

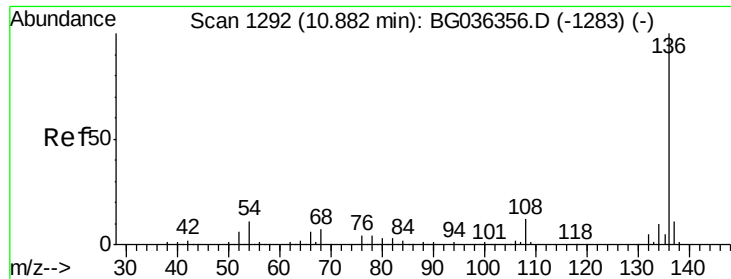
101 0.0 7.8 11.6#

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

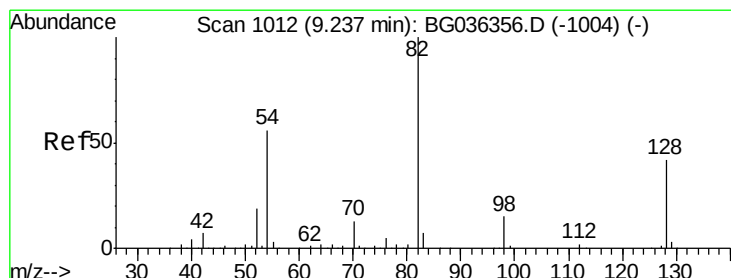
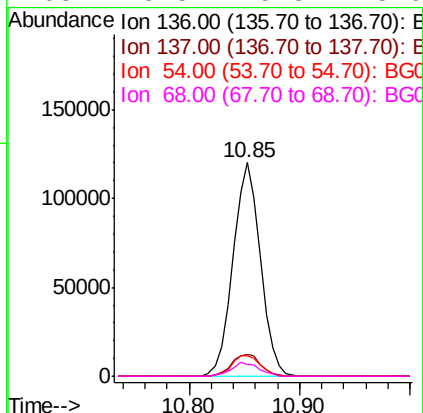
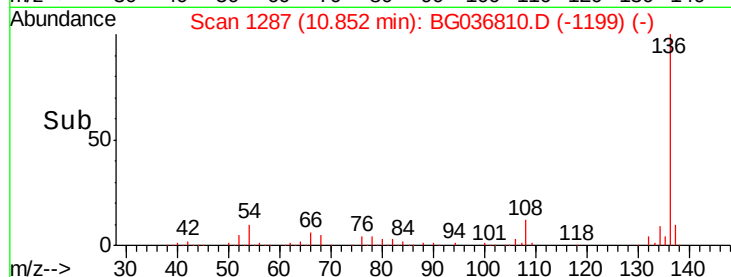
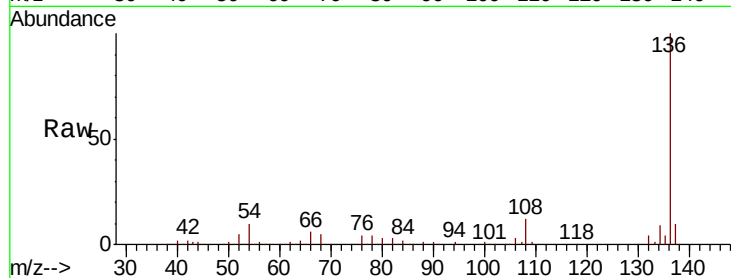




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036810.D
Acq: 19 Sep 2018 7:31

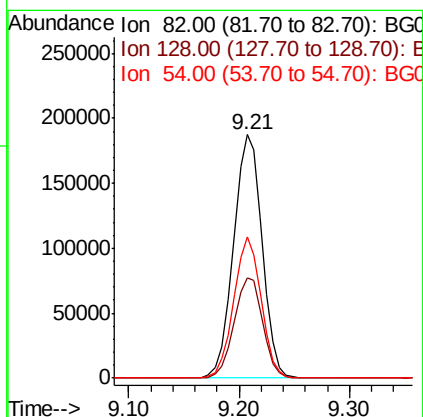
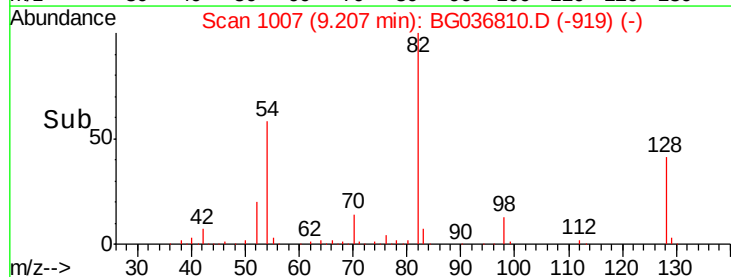
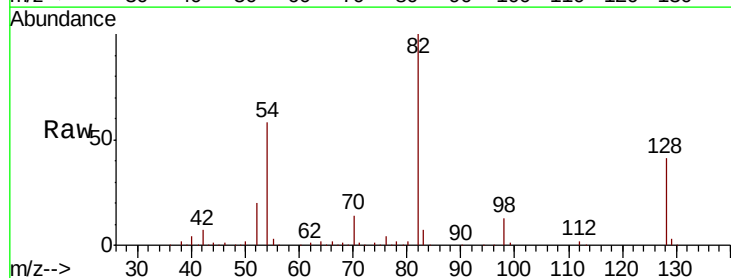
Instrument :
BNA_G
ClientSampleId :

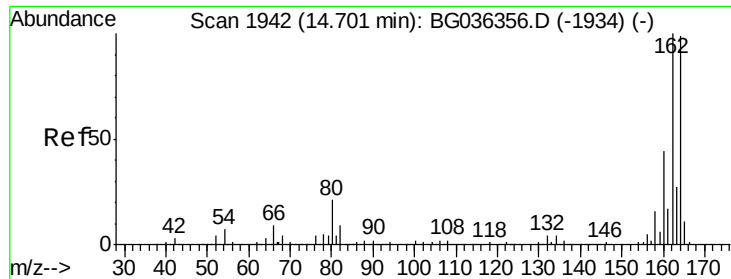
Tot Ion:136	Resp:	208888
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.8 13.2
54	9.8	9.2 13.8
68	5.5	5.8 8.6



#23
Nitrobenzene-d5
Concen: 88.231 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036810.D
Acq: 19 Sep 2018 7:31

Tgt Ion: 82	Resp:	339690
Ion Ratio	Lower	Upper
82	100	
128	41.3	33.3 49.9
54	57.8	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036810.D

Acq: 19 Sep 2018 7:31

Instrument :

BNA_G

ClientSampled :

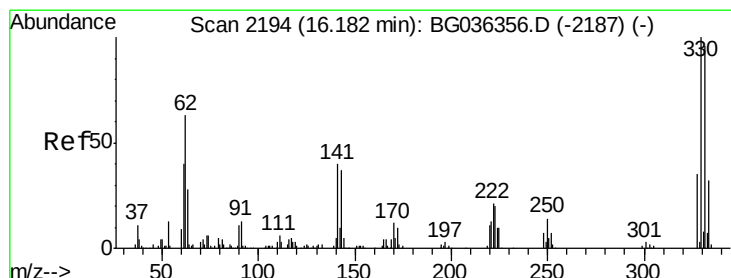
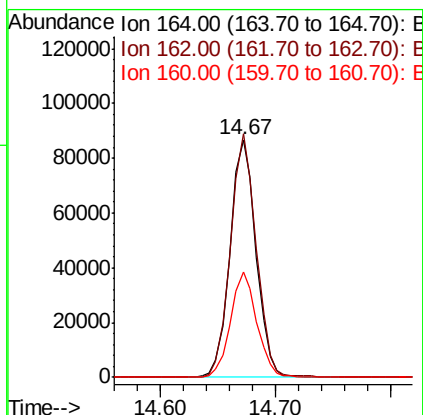
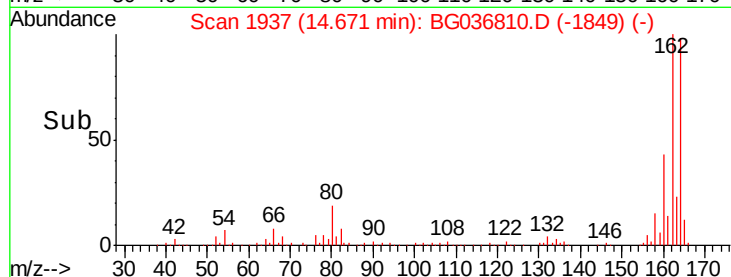
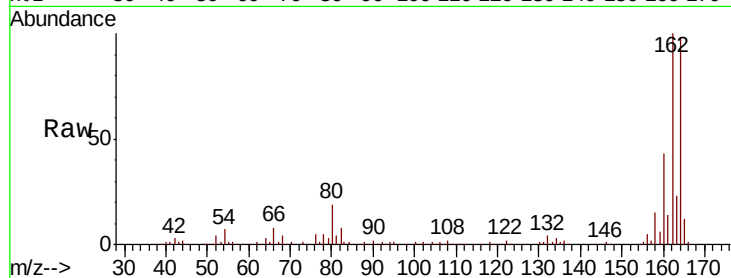
Tot Ion:164 Resp: 134878

Ion Ratio Lower Upper

164 100

162 102.4 80.7 121.1

160 44.3 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 125.359 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036810.D

Acq: 19 Sep 2018 7:31

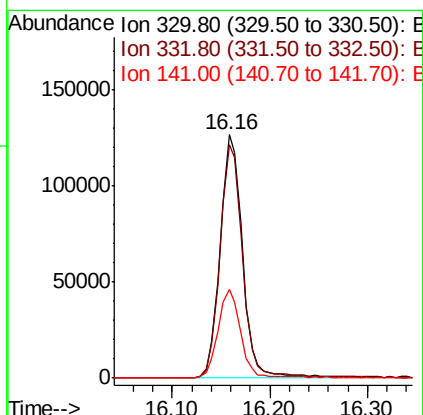
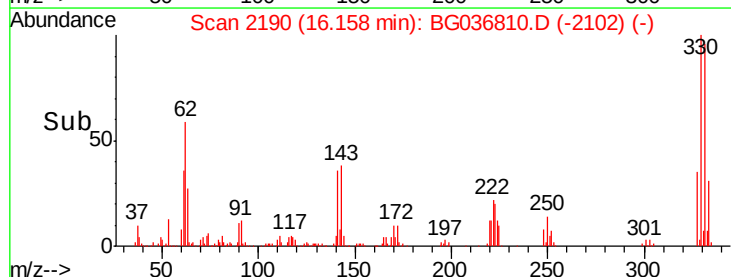
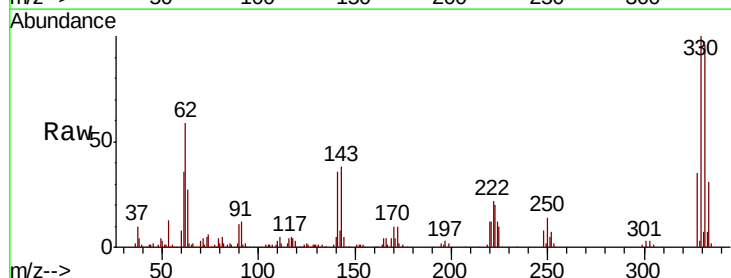
Tgt Ion:330 Resp: 201753

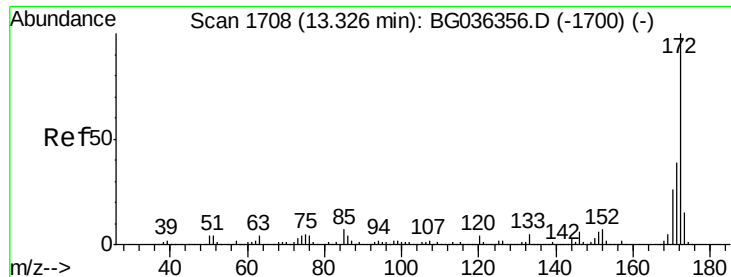
Ion Ratio Lower Upper

330 100

332 96.1 75.4 113.2

141 36.1 30.7 46.1

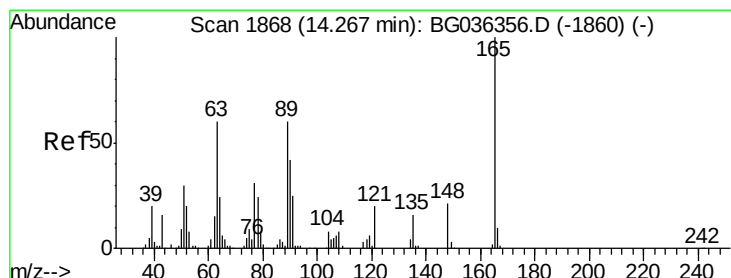
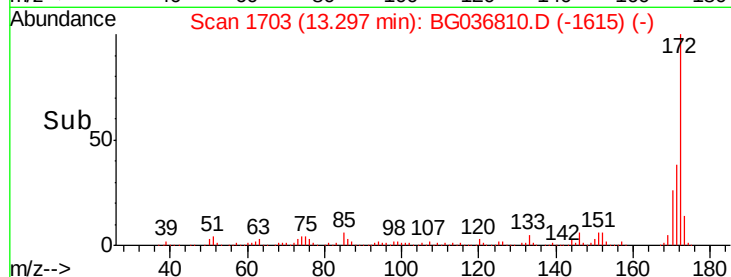
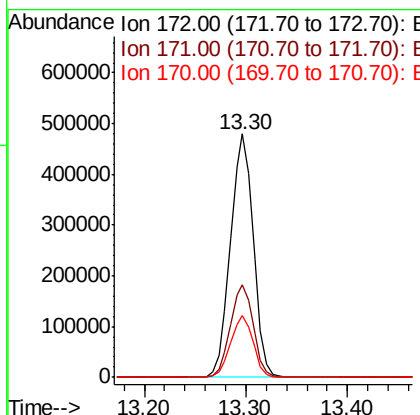
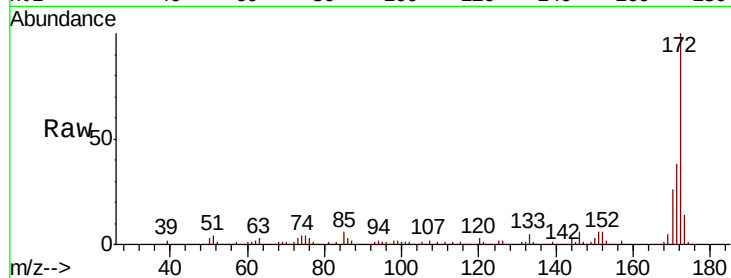




#44
 2-Fluorobiphenyl
 Concen: 79.252 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036810.D
 Acq: 19 Sep 2018 7:31

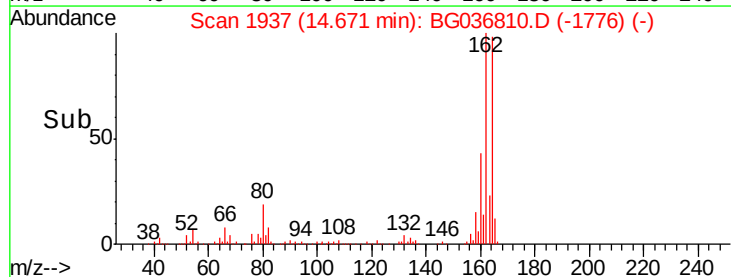
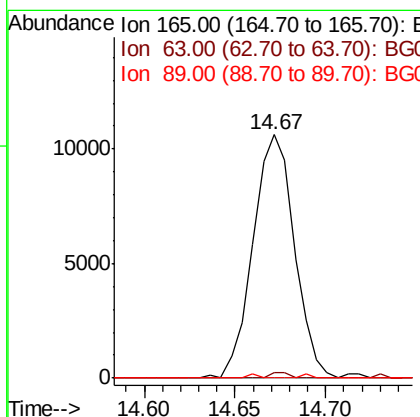
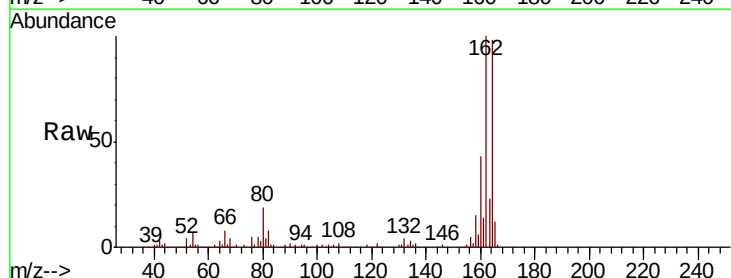
Instrument :
 BNA_G
 ClientSampleId :

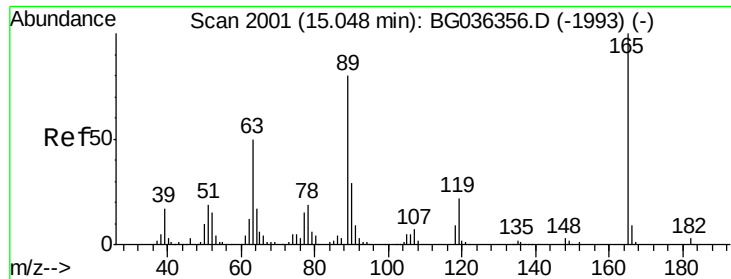
Tot Ion:172 Resp: 748651
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.3 46.9
 170 25.6 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.432 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.42 min
 Lab File: BG036810.D
 Acq: 19 Sep 2018 7:31

Tgt Ion:165 Resp: 16842
 Ion Ratio Lower Upper
 165 100
 63 2.4 50.1 75.1#
 89 0.0 47.8 71.6#

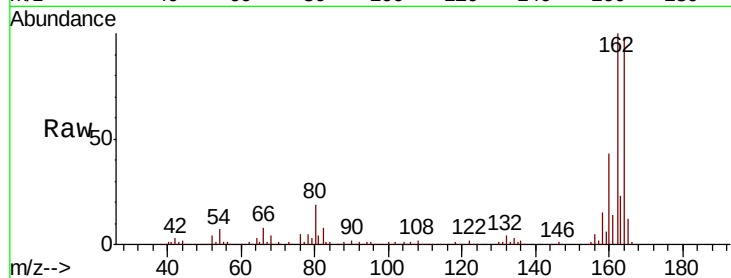




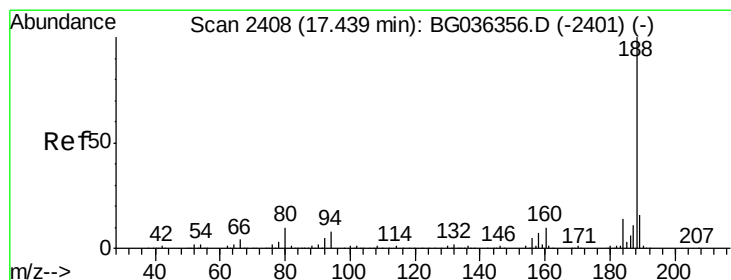
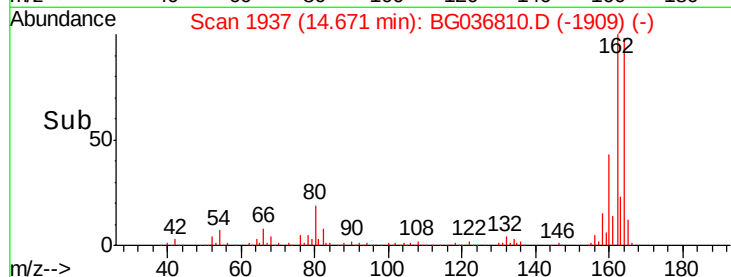
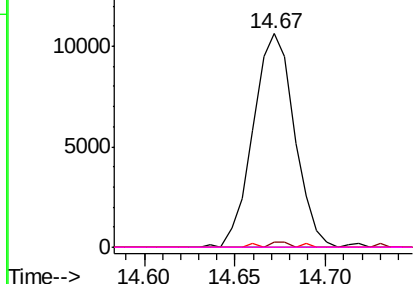
#56
 2,4-Dinitrotoluene
 Concen: 5.702 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036810.D
 Acq: 19 Sep 2018 7:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	16842
Ion	Ratio	Lower	Upper
165	100		
63	2.4	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

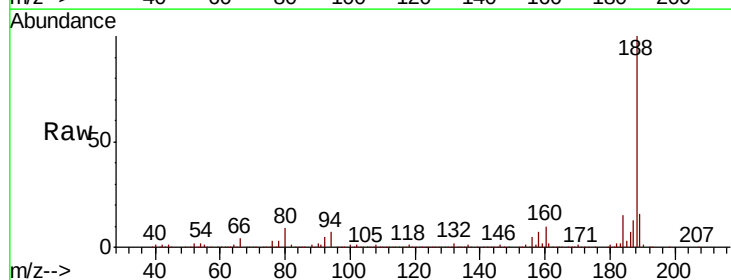


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

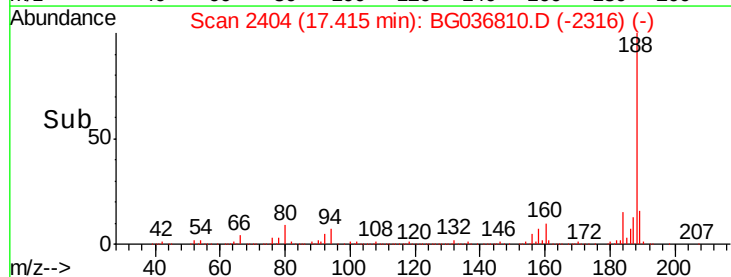
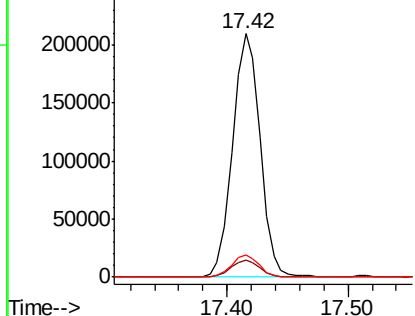


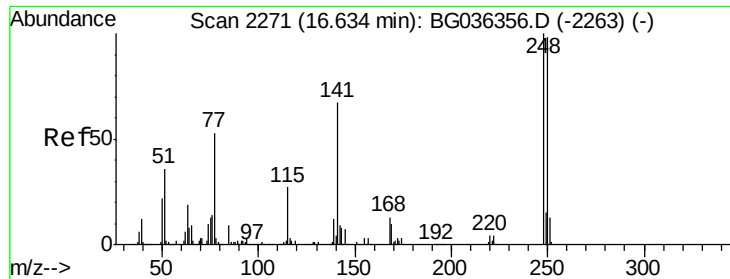
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036810.D
 Acq: 19 Sep 2018 7:31

Tgt Ion:	188	Resp:	333281
Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.7	10.1
80	8.9	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

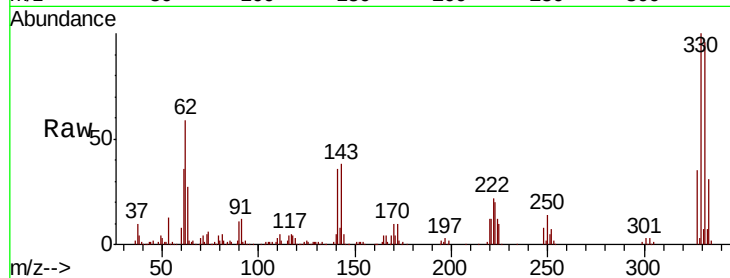




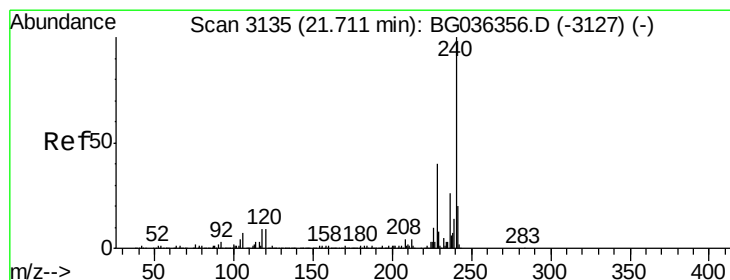
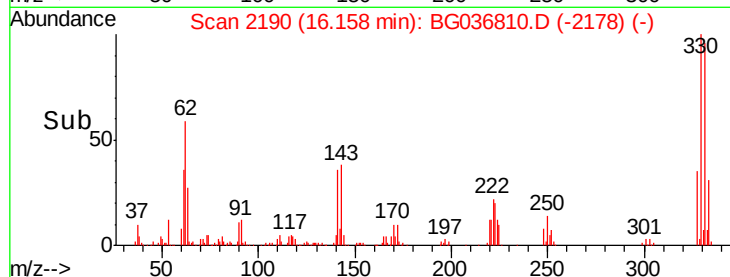
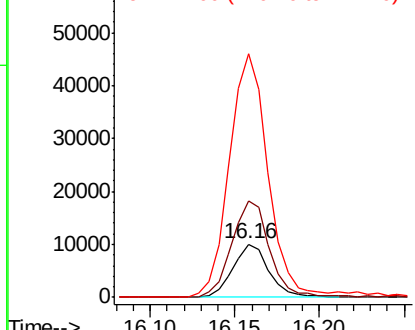
#66
4-Bromophenyl-phenylether
Concen: 3.822 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.46 min
Lab File: BG036810.D
Acq: 19 Sep 2018 7:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 14915
Ion Ratio Lower Upper
248 100
250 180.2 78.1 117.1#
141 456.6 53.7 80.5#

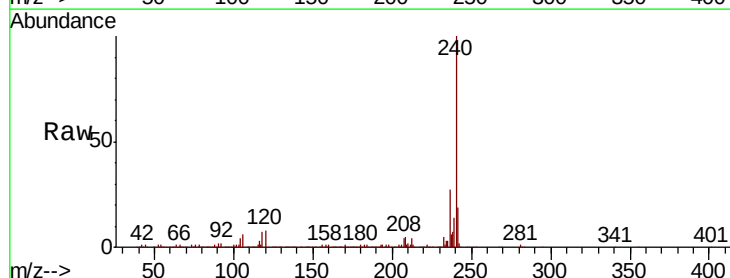


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

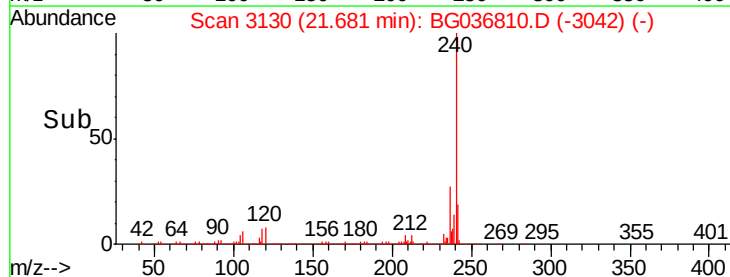
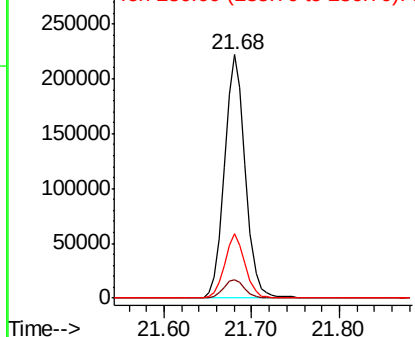


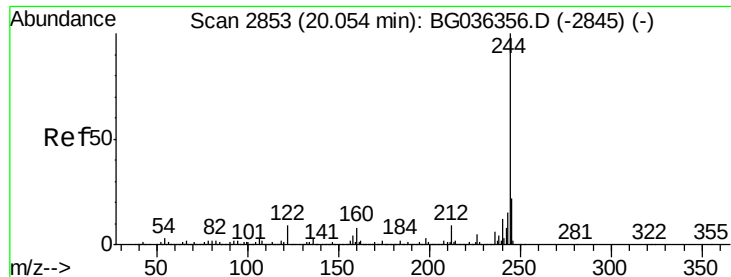
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036810.D
Acq: 19 Sep 2018 7:31

Tgt Ion:240 Resp: 363202
Ion Ratio Lower Upper
240 100
120 7.8 6.9 10.3
236 26.5 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: 81.262 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036810.D

Acq: 19 Sep 2018 7:31

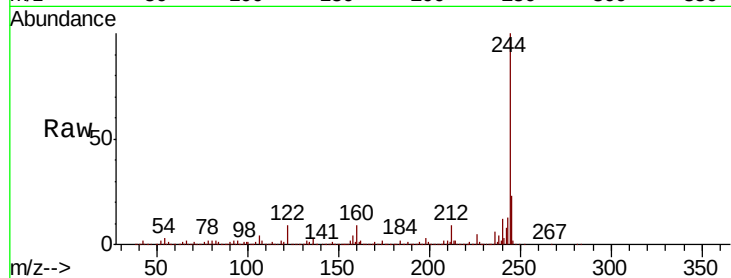
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1262740

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.2	7.1	10.7

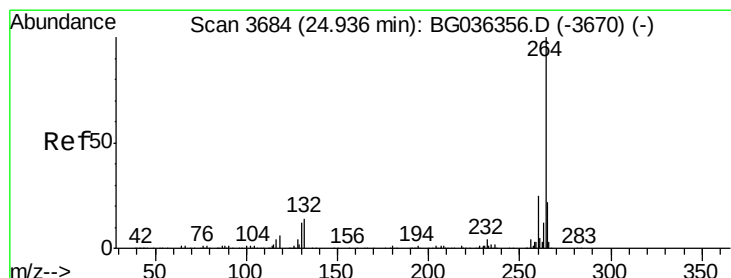
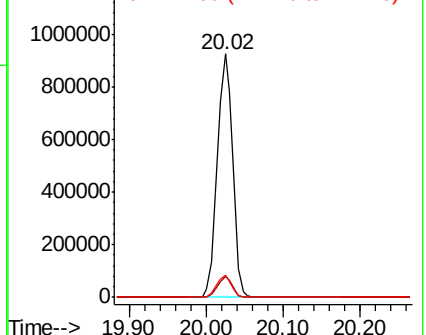
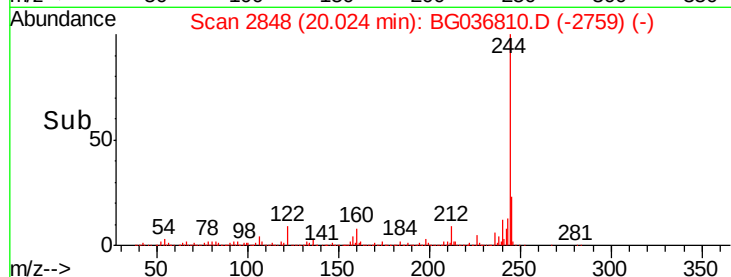


Abundance

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# 3677

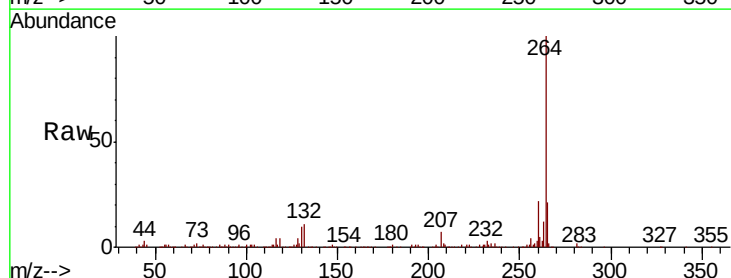
Delta R.T. -0.01 min

Lab File: BG036810.D

Acq: 19 Sep 2018 7:31

Tgt Ion:264 Resp: 368740

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.6	29.4
265	20.9	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

