

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036641.D
 Acq On : 11 Sep 2018 1:30
 Operator : JU/SJ
 Sample : PB112736TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 03:27:17 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

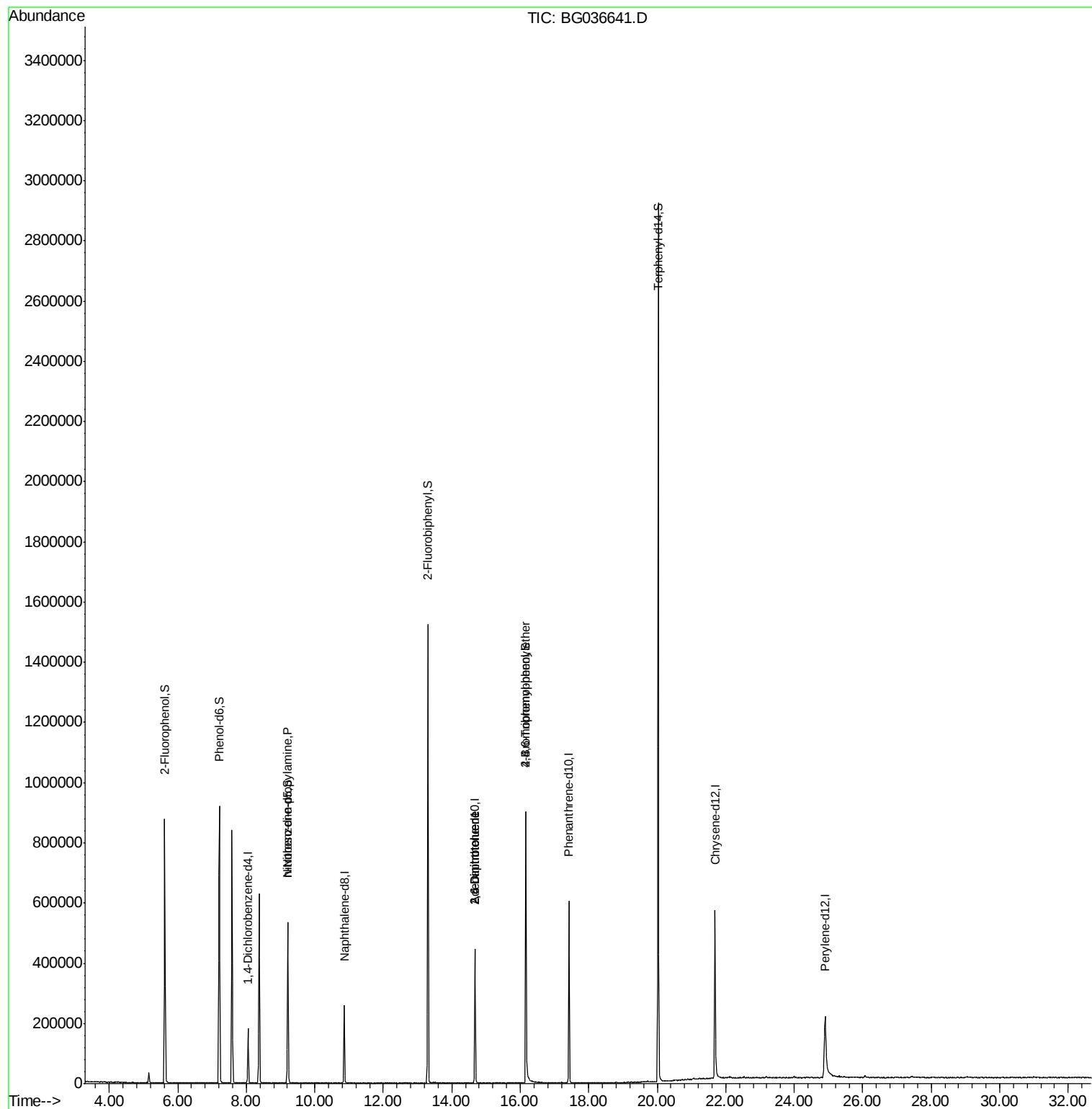
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52309	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	222569	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	152949	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	395316	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	404278	20.00	ng	-0.01
86) Perylene-d12	24.90	264	321219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	376252	114.10	ng	0.00
7) Phenol-d6	7.21	99	540265	114.43	ng	0.00
23) Nitrobenzene-d5	9.22	82	325457	79.34	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	188977	103.55	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	814698	76.05	ng	0.00
78) Terphenyl-d14	20.03	244	1400204	80.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	42415	12.021	ng	# 70
50) 2,6-Dinitrotoluene	14.68	165	19581	7.619	ng	# 23
56) 2,4-Dinitrotoluene	14.68	165	19581	5.846	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	12901	2.787	ng	# 1

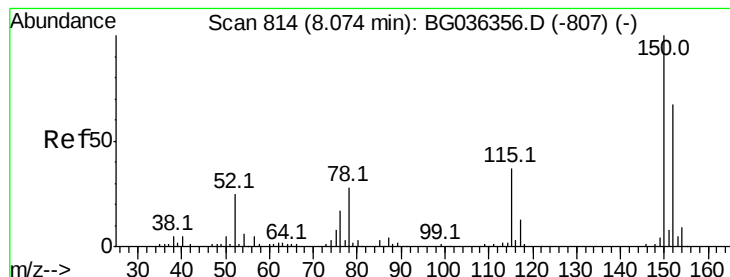
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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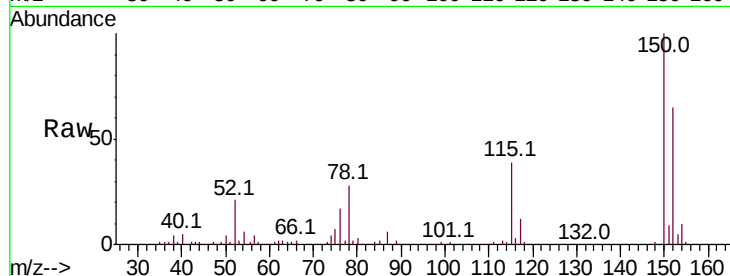


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036641.D
Acq: 11 Sep 2018 1:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	119.5	179.3
115	59.0	44.5	66.7

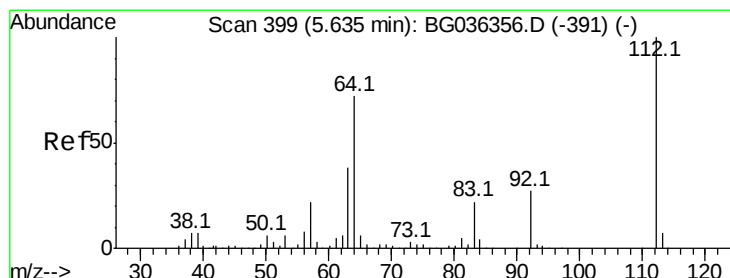
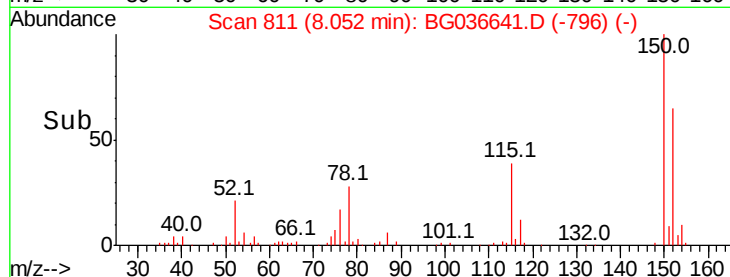
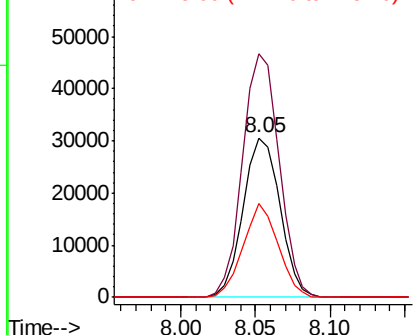


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

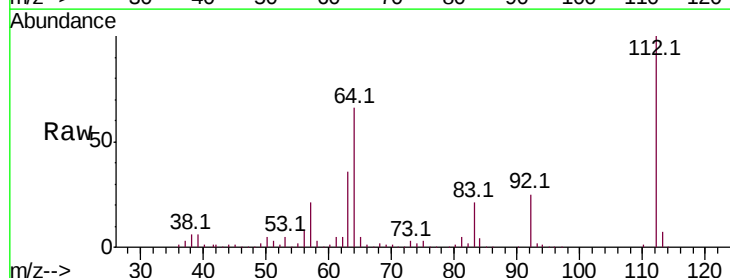
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.100 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036641.D
Acq: 11 Sep 2018 1:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	57.2	85.8
63	36.0	30.8	46.2

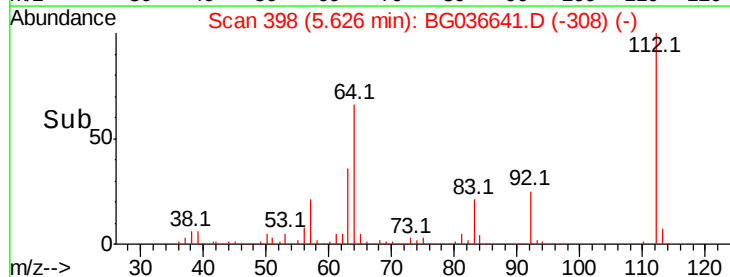
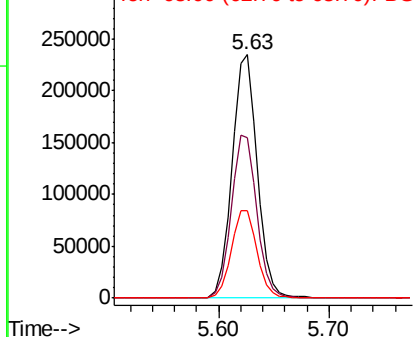


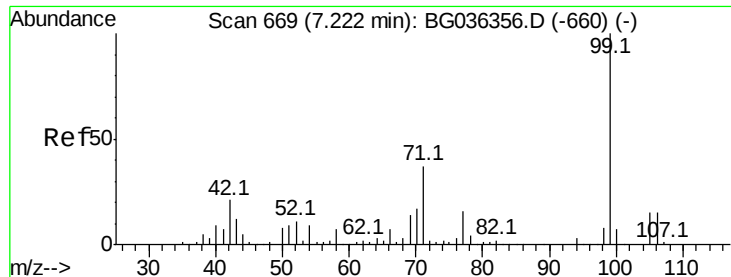
Abundance

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: 114.432 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036641.D

Acq: 11 Sep 2018 1:30

Instrument :

BNA_G

ClientSampled :

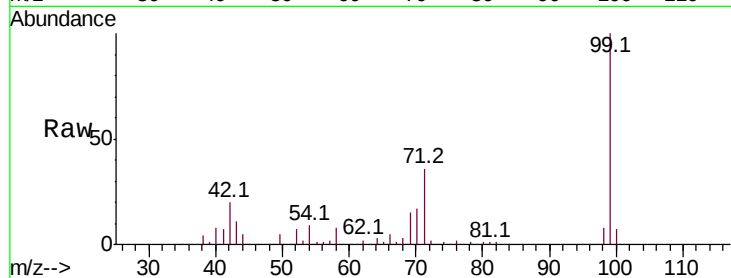
Tot Ion: 99 Resp: 540265

Ion Ratio Lower Upper

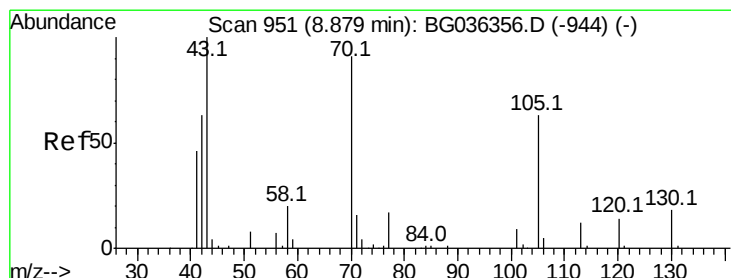
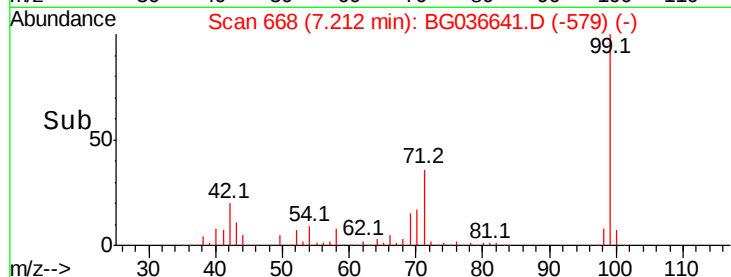
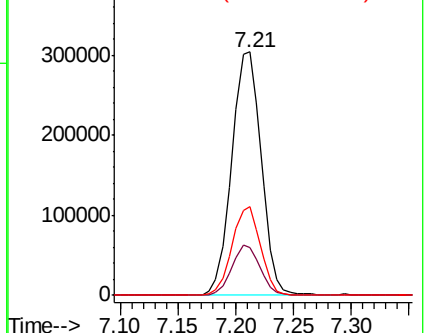
99 100

42 19.7 16.5 24.7

71 36.5 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: 12.021 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036641.D

Acq: 11 Sep 2018 1:30

Tgt Ion: 70 Resp: 42415

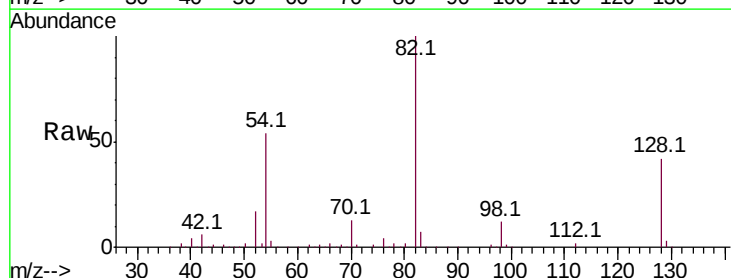
Ion Ratio Lower Upper

70 100

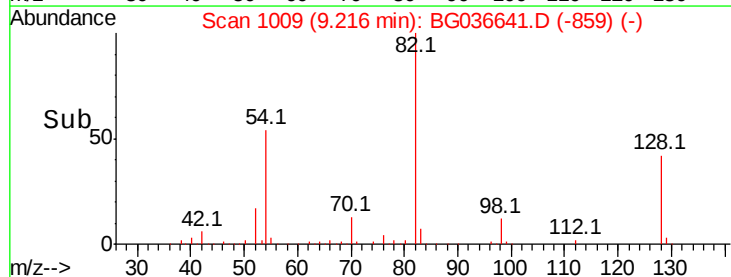
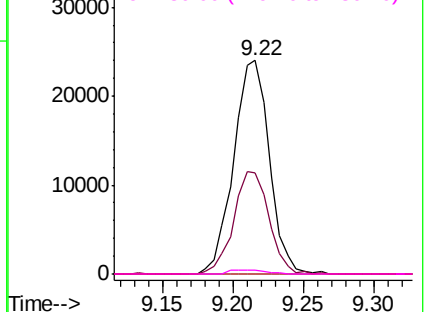
42 47.2 56.2 84.4#

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

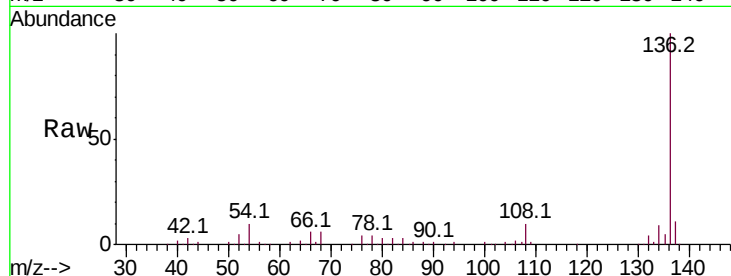




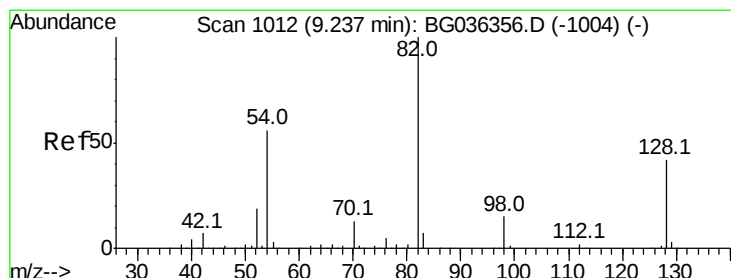
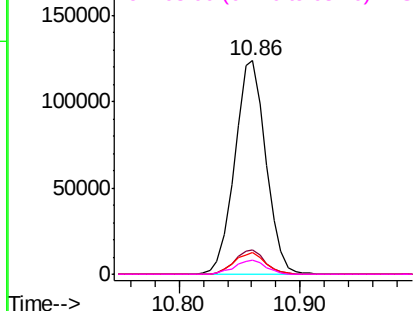
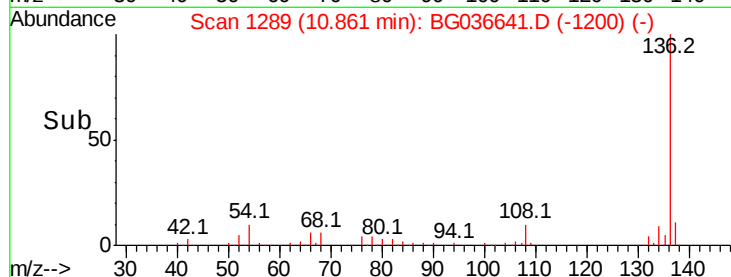
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036641.D
Acq: 11 Sep 2018 1:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	222569
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.8 13.2
54	9.9	9.2 13.8
68	6.4	5.8 8.6

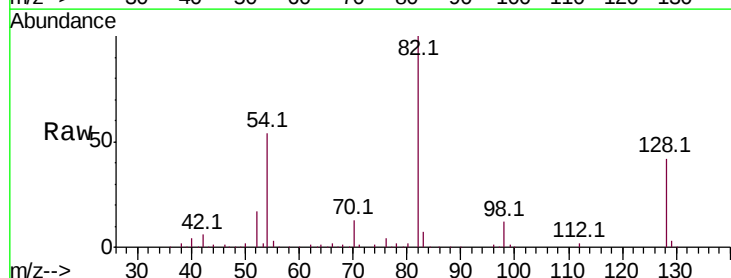


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

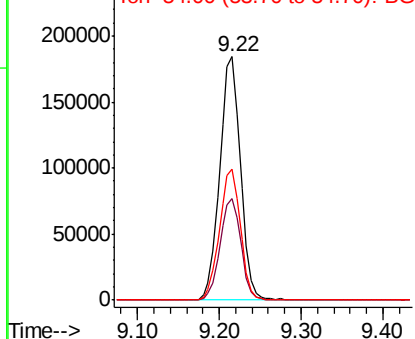
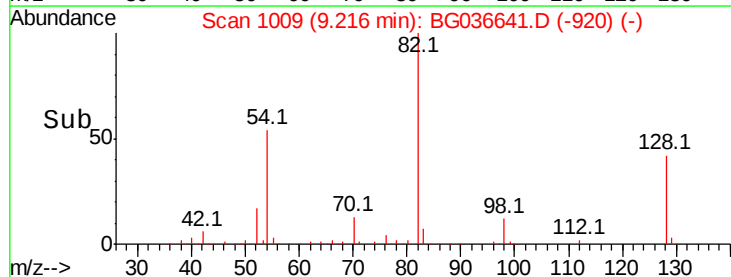


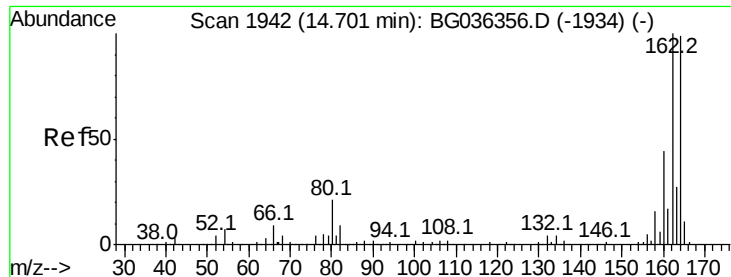
#23
Nitrobenzene-d5
Concen: 79.338 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036641.D
Acq: 11 Sep 2018 1:30

Tgt Ion: 82	Resp:	325457
Ion Ratio	Lower	Upper
82	100	
128	41.8	33.3 49.9
54	53.6	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

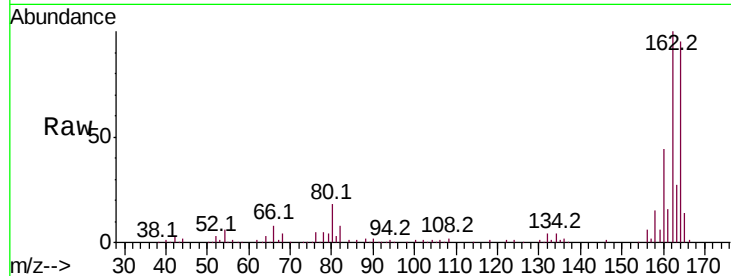




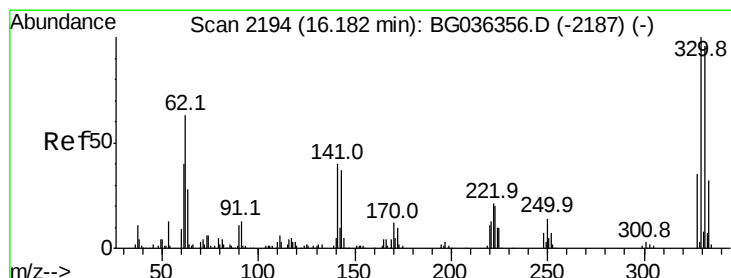
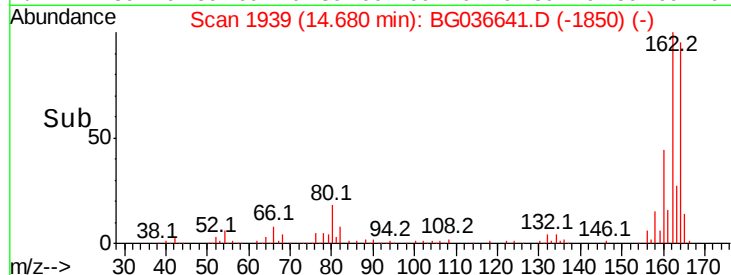
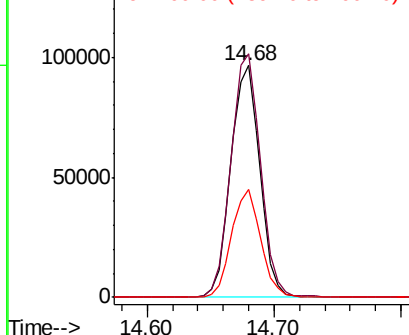
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG036641.D
 Acq: 11 Sep 2018 1:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 152949
 Ion Ratio Lower Upper
 164 100
 162 105.1 80.7 121.1
 160 46.8 35.3 52.9

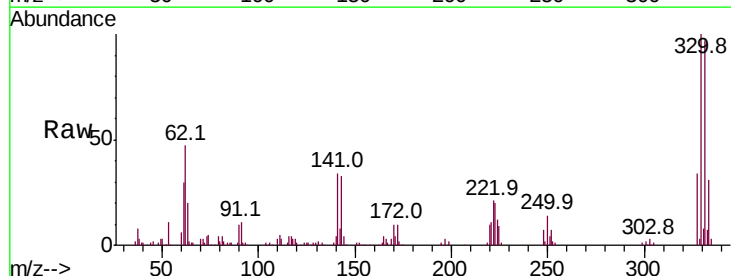


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

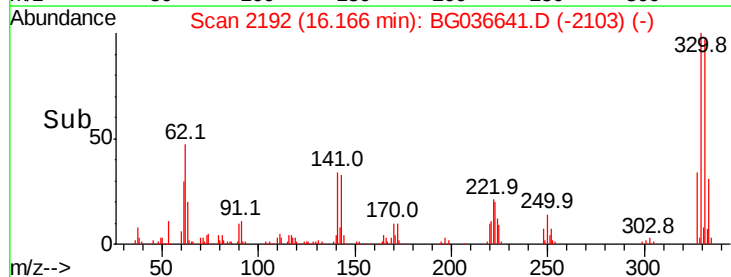
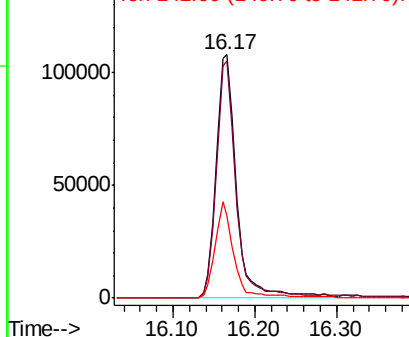


#41
 2,4,6-Tribromophenol
 Concen: 103.548 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036641.D
 Acq: 11 Sep 2018 1:30

Tgt Ion:330 Resp: 188977
 Ion Ratio Lower Upper
 330 100
 332 93.9 75.4 113.2
 141 36.2 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

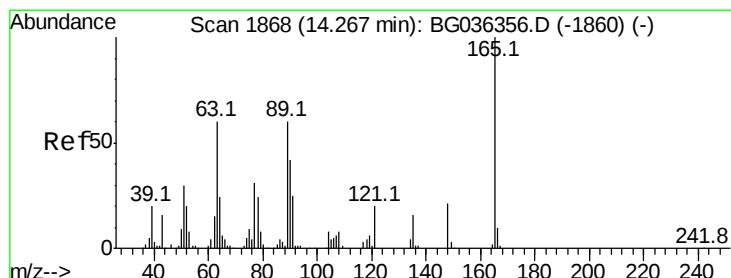
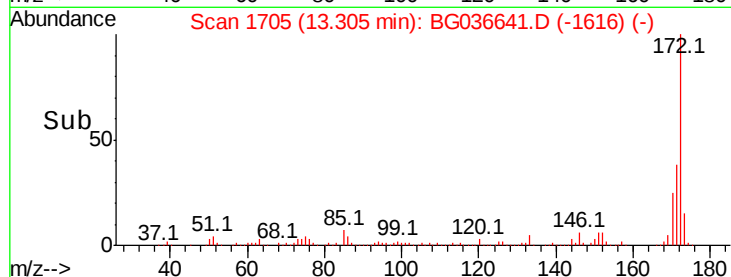
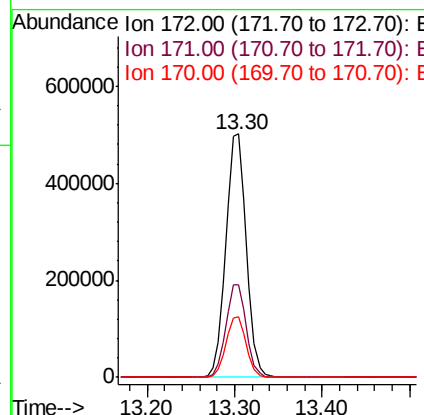
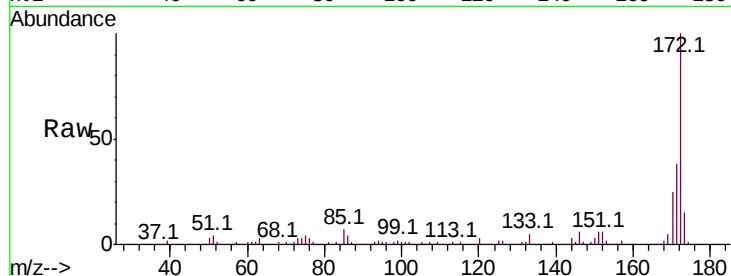




#44
 2-Fluorobiphenyl
 Concen: 76.054 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036641.D
 Acq: 11 Sep 2018 1:30

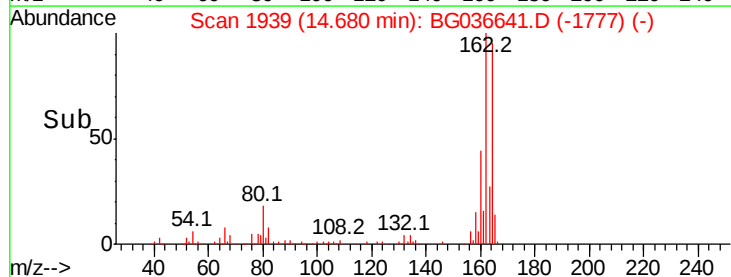
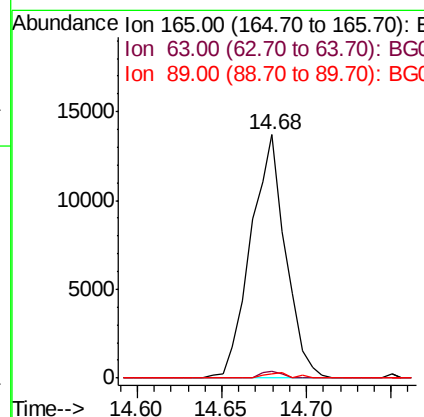
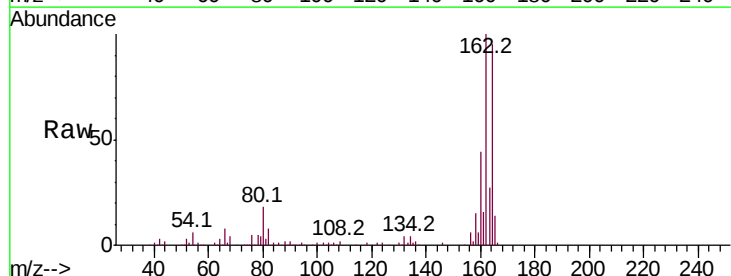
Instrument :
 BNA_G
 ClientSampleId :

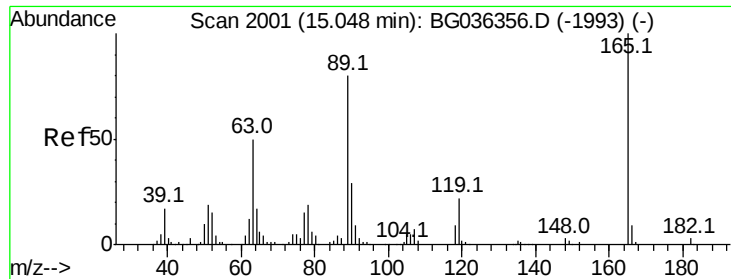
Tot Ion:172 Resp: 814698
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.3 46.9
 170 25.1 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.619 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.42 min
 Lab File: BG036641.D
 Acq: 11 Sep 2018 1:30

Tgt Ion:165 Resp: 19581
 Ion Ratio Lower Upper
 165 100
 63 3.0 50.1 75.1#
 89 1.7 47.8 71.6#

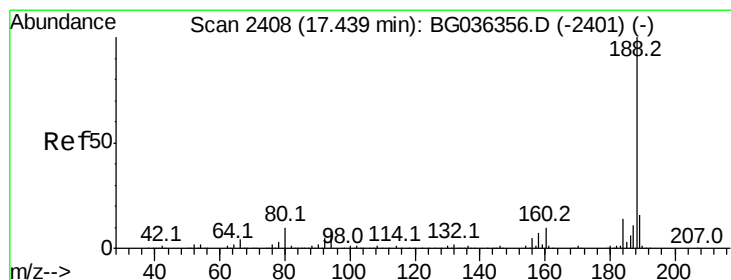
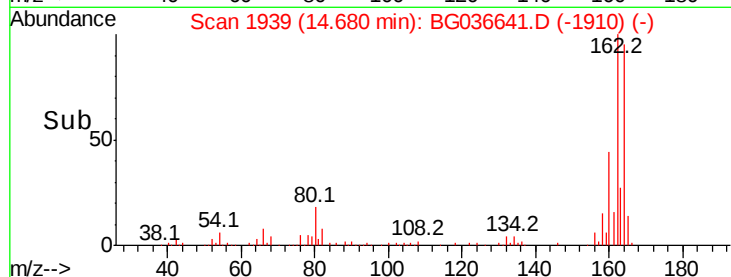
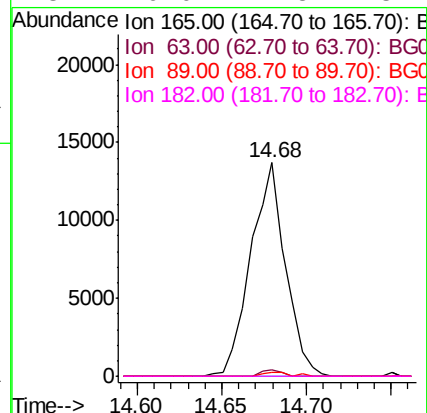
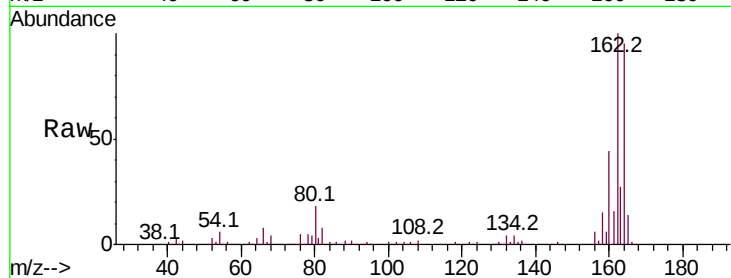




#56
 2,4-Dinitrotoluene
 Concen: 5.846 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036641.D
 Acq: 11 Sep 2018 1:30

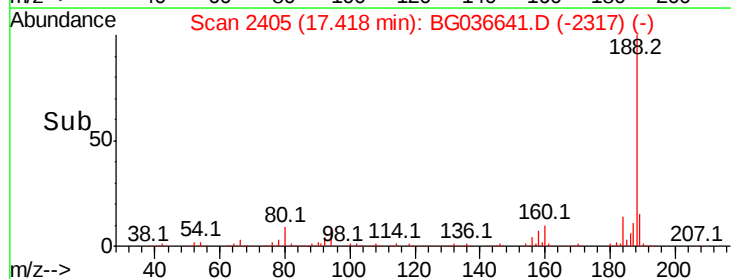
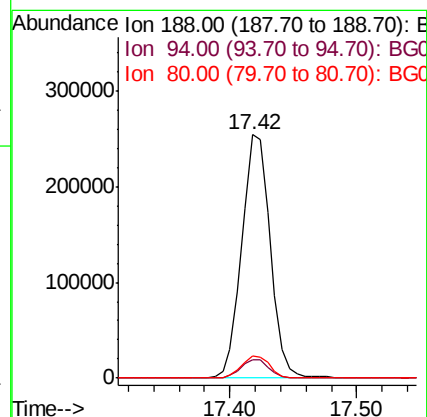
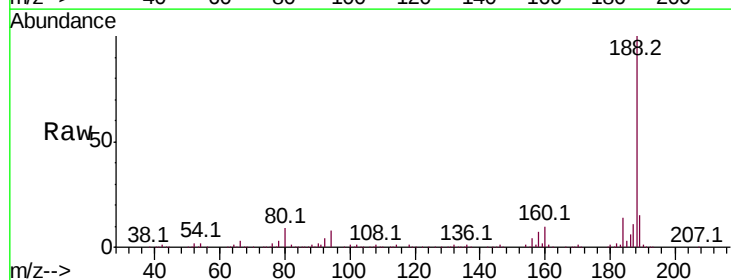
Instrument :
 BNA_G
 ClientSampleId :

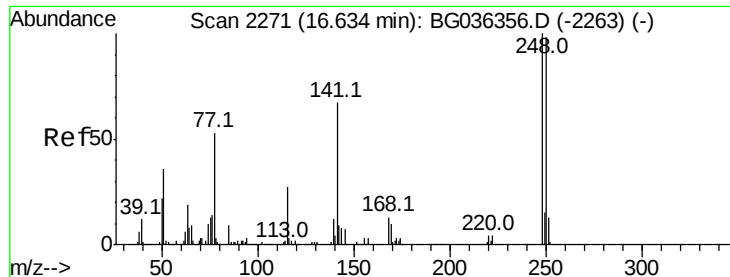
Tot Ion	Ratio	Lower	Upper
165	100		
63	3.0	40.1	60.1#
89	1.7	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036641.D
 Acq: 11 Sep 2018 1:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	9.1	8.1	12.1

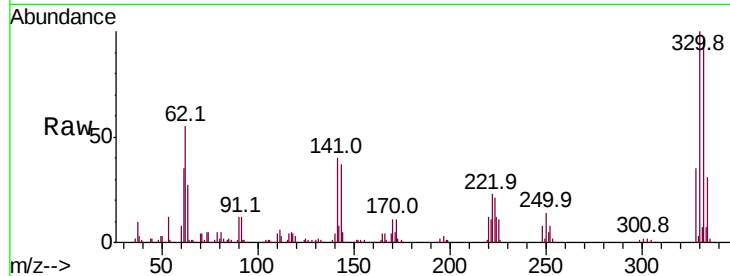




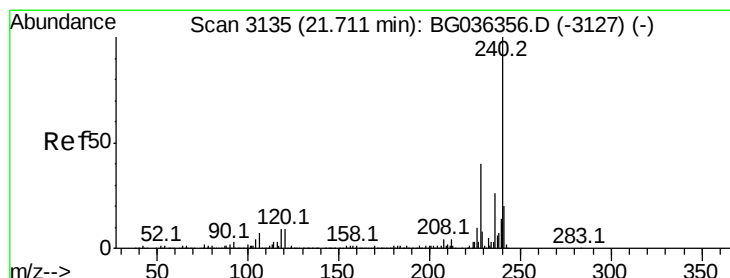
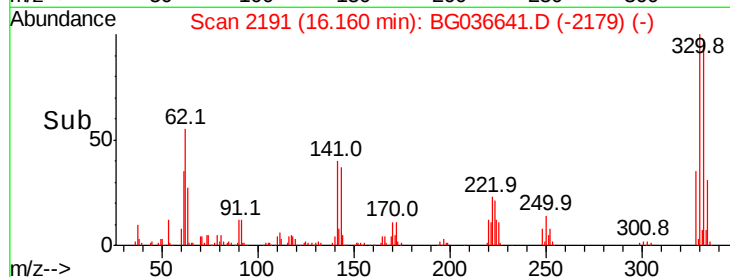
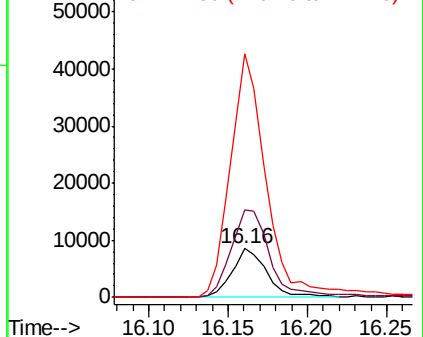
#66
 4-Bromophenyl-phenylether
 Concen: 2.787 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036641.D
 Acq: 11 Sep 2018 1:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 12901
 Ion Ratio Lower Upper
 248 100
 250 179.9 78.1 117.1#
 141 500.6 53.7 80.5#

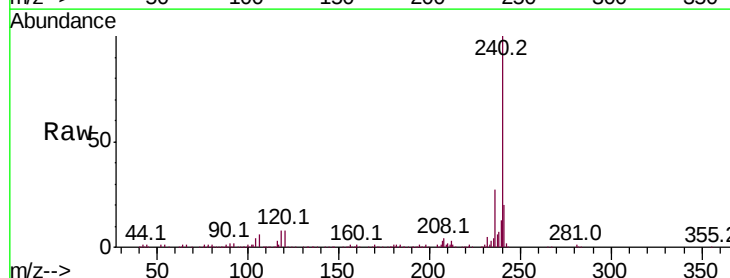


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

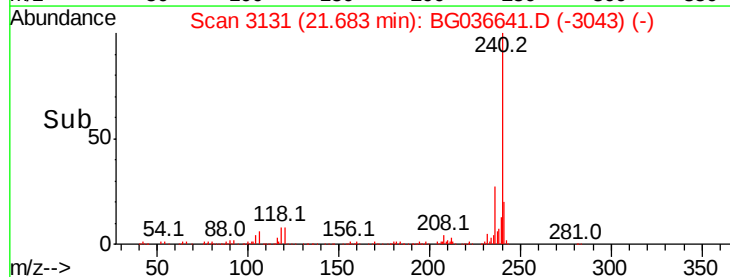
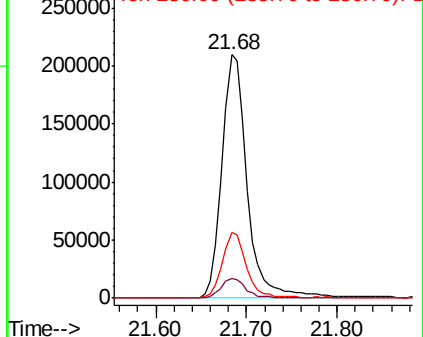


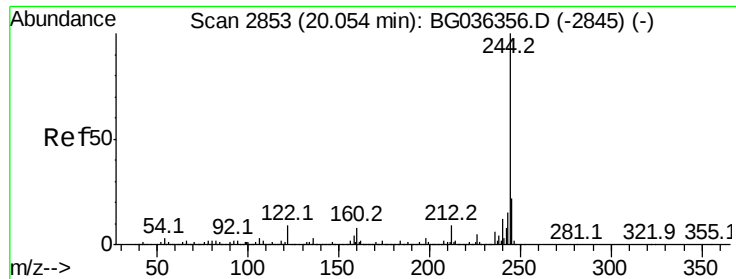
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036641.D
 Acq: 11 Sep 2018 1:30

Tgt Ion:240 Resp: 404278
 Ion Ratio Lower Upper
 240 100
 120 7.8 6.9 10.3
 236 27.0 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: 80.953 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036641.D

Acq: 11 Sep 2018 1:30

Instrument :

BNA_G

ClientSampled :

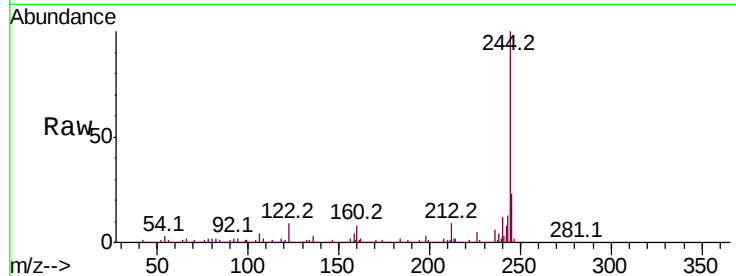
Tot Ion:244 Resp: 1400204

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.3	7.1	10.7

244 100

212 8.9 7.0 10.6

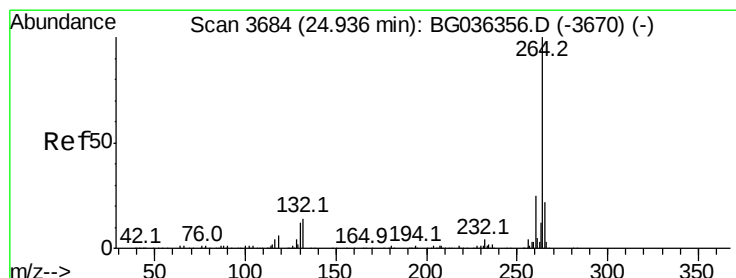
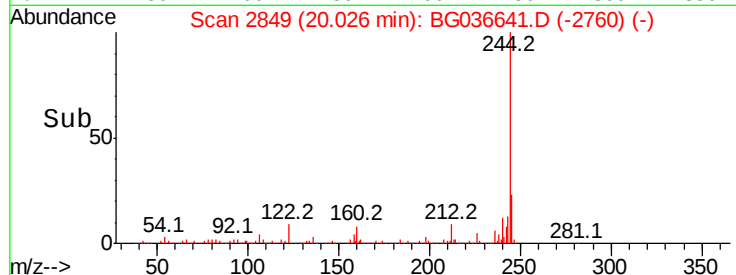
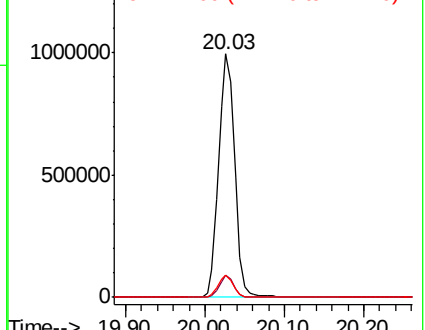
122 9.3 7.1 10.7



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. -0.01 min

Lab File: BG036641.D

Acq: 11 Sep 2018 1:30

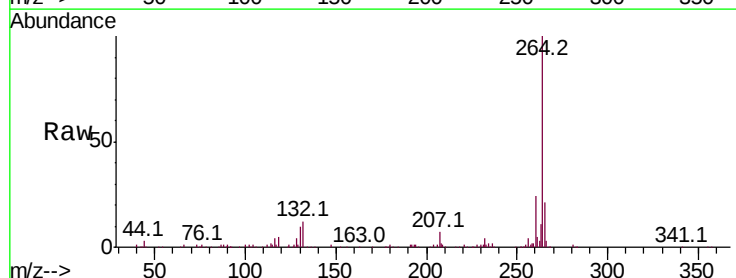
Tgt Ion:264 Resp: 321219

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	20.9	17.4	26.0

264 100

260 24.1 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

