

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092218\
 Data File : BG036911.D
 Acq On : 23 Sep 2018 3:18
 Operator : JU/SJ
 Sample : J5019-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 24 04:45:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

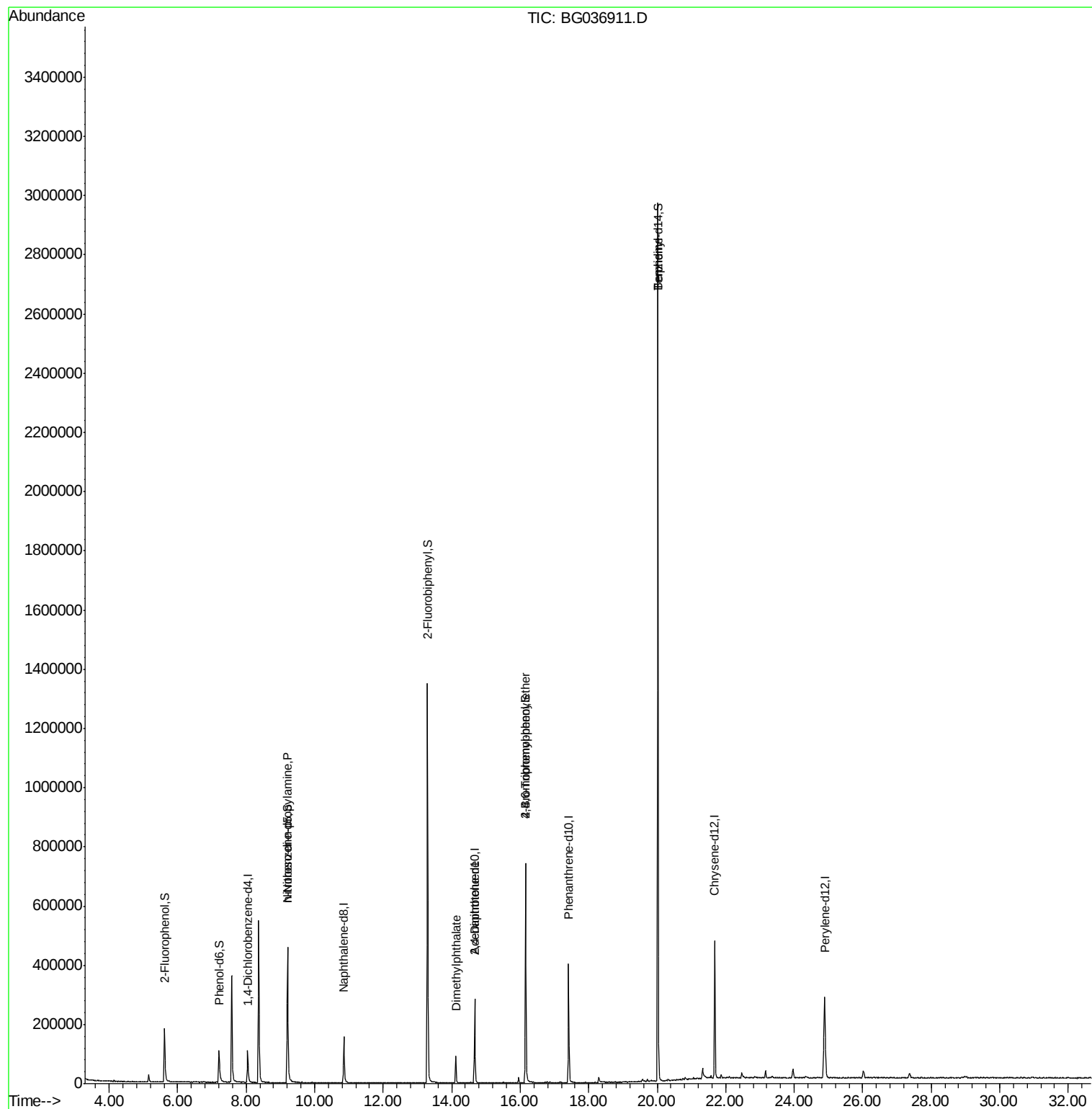
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	36618	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	154190	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	104375	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	274588	20.00	ng	0.00
75) Chrysene-d12	21.68	240	297790	20.00	ng	0.00
86) Perylene-d12	24.88	264	298011	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	94655	49.57	ng	0.00
7) Phenol-d6	7.20	99	83681	28.33	ng	0.00
23) Nitrobenzene-d5	9.21	82	324634	112.75	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	143107	114.60	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	764785	109.13	ng	0.00
78) Terphenyl-d14	20.02	244	1423266	125.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	43968	17.891	ng	Qvalue # 69
49) Dimethylphthalate	14.12	163	71224	8.478	ng	98
56) 2,4-Dinitrotoluene	14.67	165	13417	5.245	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	10141	3.247	ng	# 1
76) Benzidine	20.02	184	25926	2.880	ng	# 91

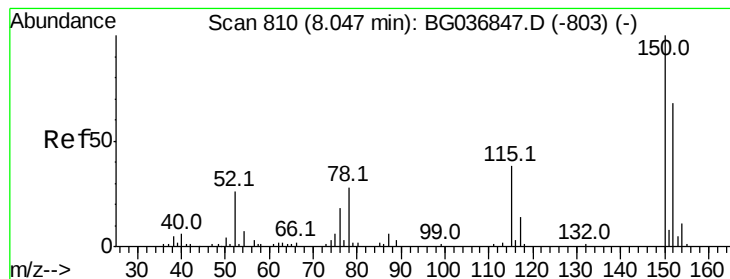
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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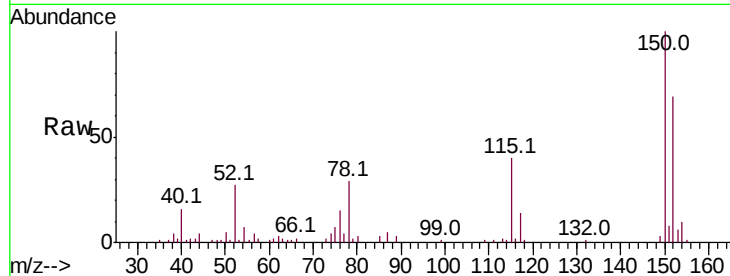


#1

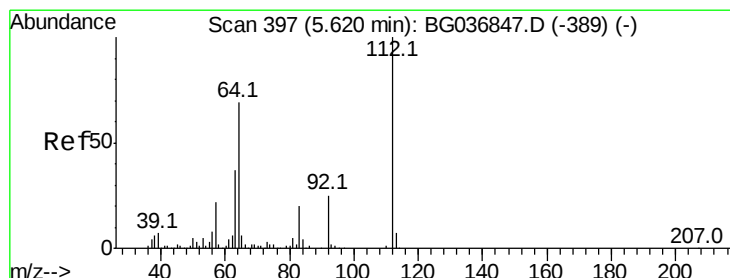
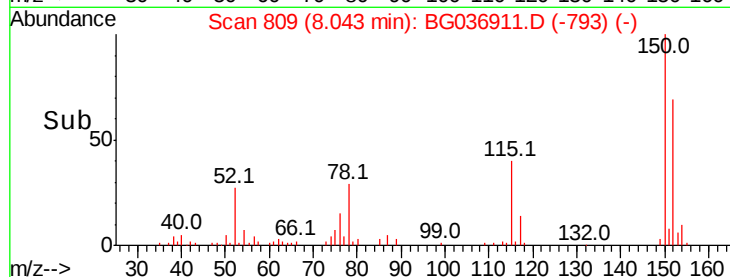
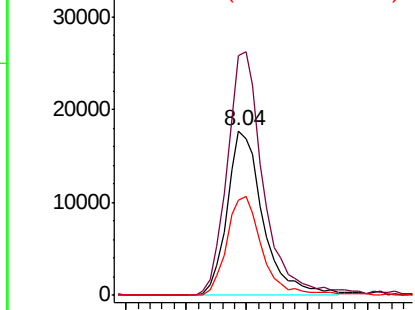
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG036911.D
 Acq: 23 Sep 2018 3:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.6	119.5	179.3
115	58.1	44.5	66.7



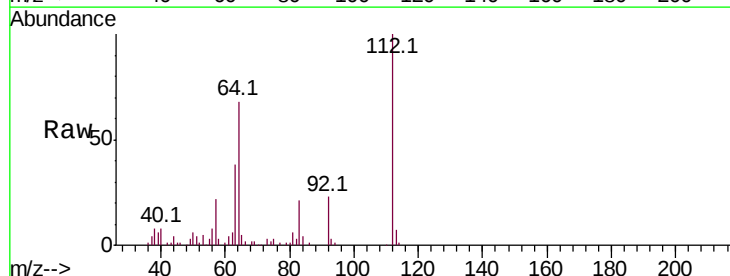
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



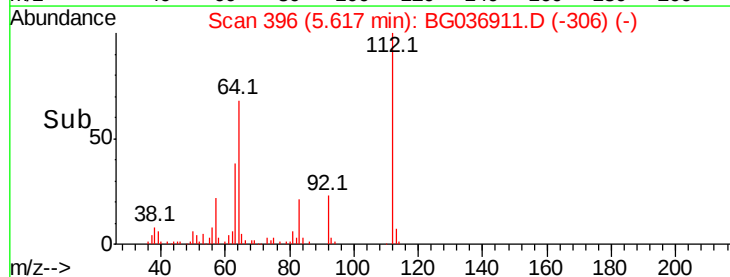
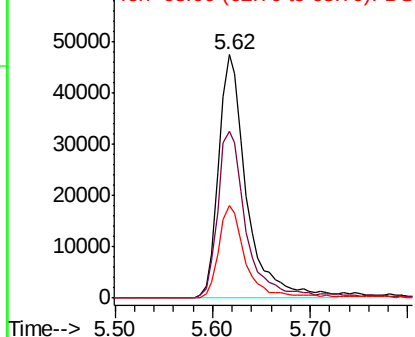
#5

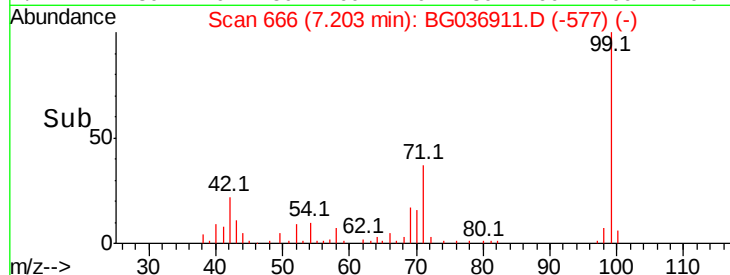
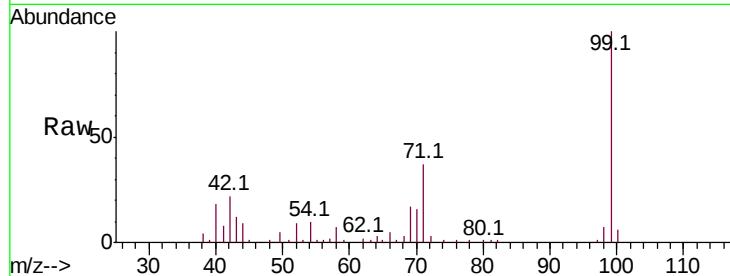
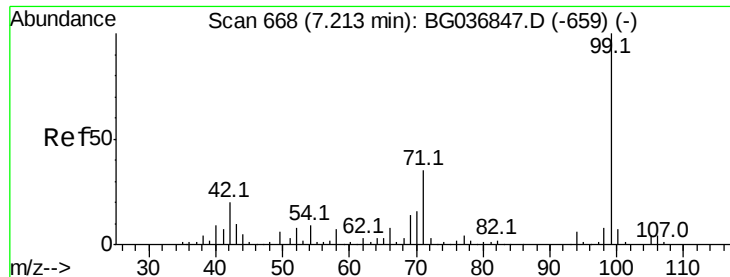
2-Fluorophenol
 Concen: 49.573 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG036911.D
 Acq: 23 Sep 2018 3:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.2	85.8
63	38.2	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: 28.327 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036911.D

Acq: 23 Sep 2018 3:18

Instrument :

BNA_G

ClientSampled :

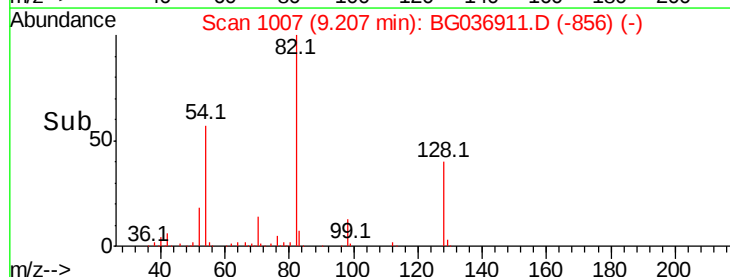
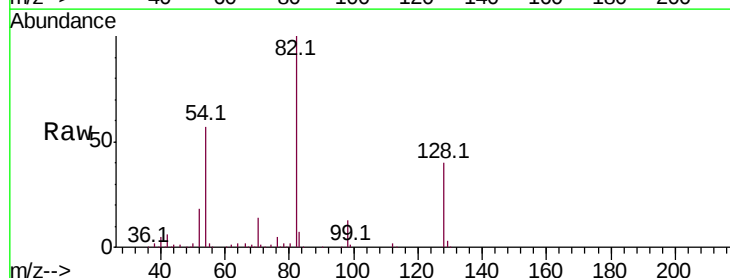
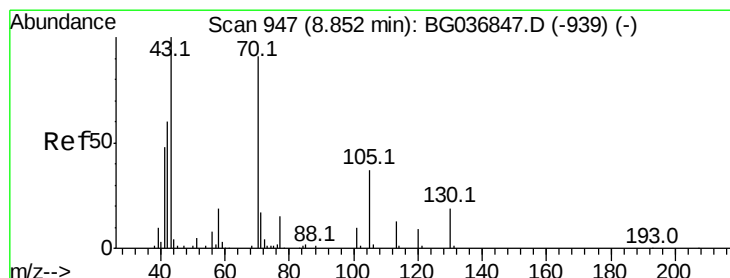
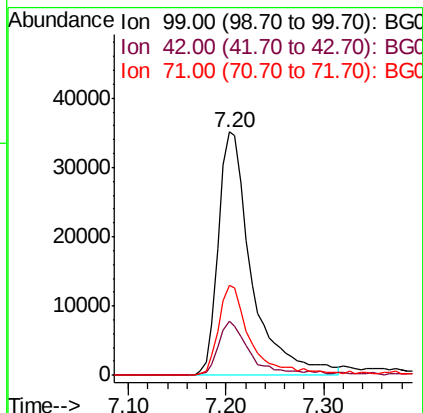
Tot Ion: 99 Resp: 83681

Ion Ratio Lower Upper

99 100

42 22.1 16.5 24.7

71 36.9 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 17.891 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG036911.D

Acq: 23 Sep 2018 3:18

Tgt Ion: 70 Resp: 43968

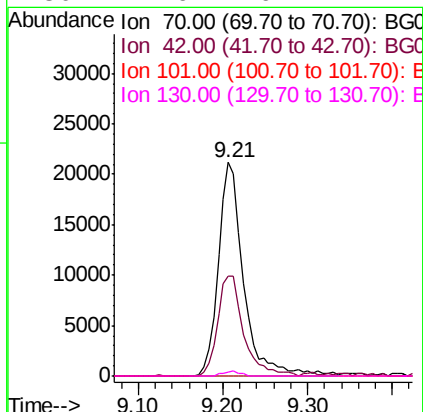
Ion Ratio Lower Upper

70 100

42 46.8 56.2 84.4#

101 0.0 7.8 11.6#

130 1.6 16.2 24.2#

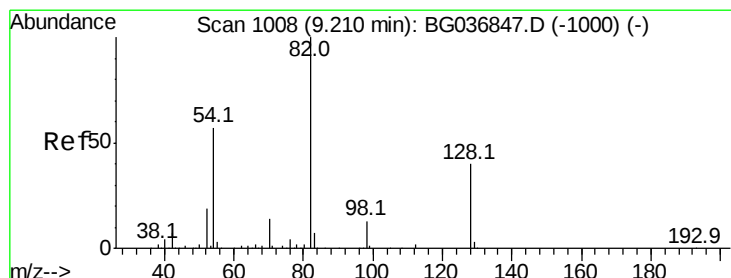
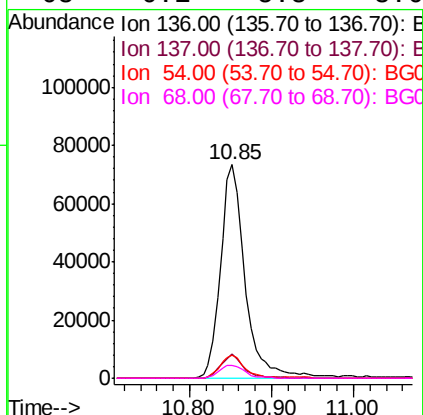
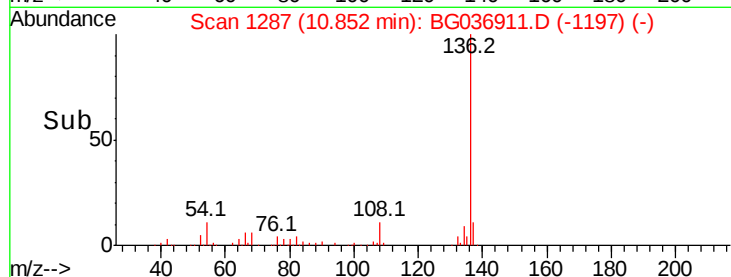
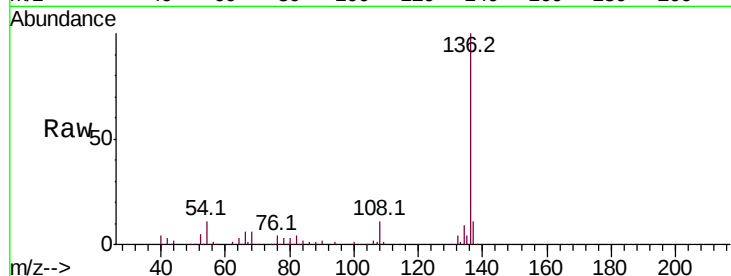




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036911.D
Acq: 23 Sep 2018 3:18

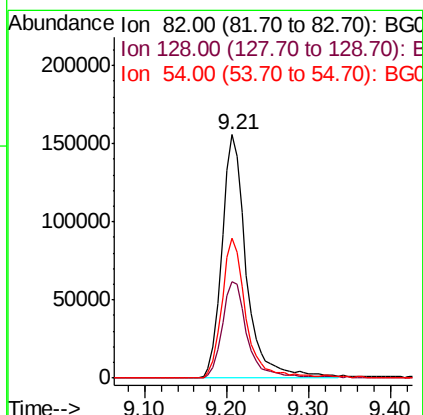
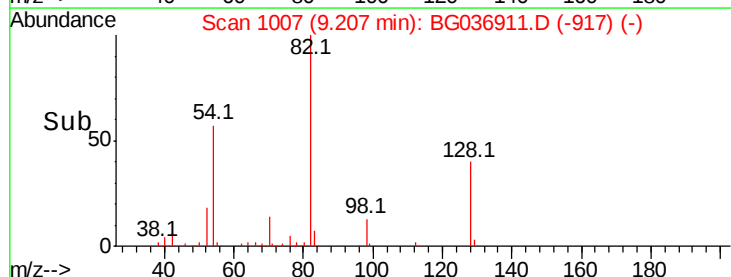
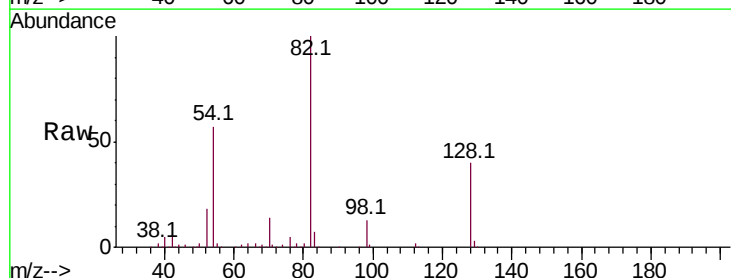
Instrument :
BNA_G
ClientSampled :

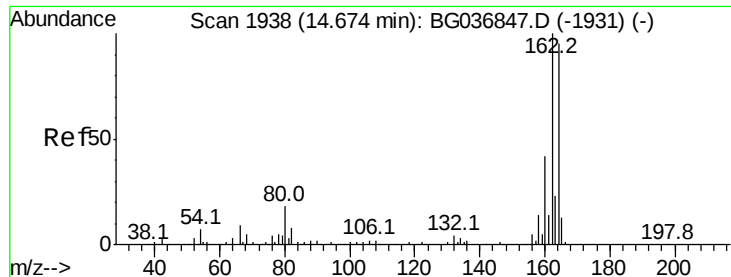
Tot Ion:136	Resp:	154190
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 11.0	9.2	13.8
68 6.1	5.8	8.6



#23
Nitrobenzene-d5
Concen: 112.747 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036911.D
Acq: 23 Sep 2018 3:18

Tgt	Ion: 82	Resp:	324634
Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.3	49.9
54	57.4	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BG036911.D

Acq: 23 Sep 2018 3:18

Instrument :

BNA_G

ClientSampleId :

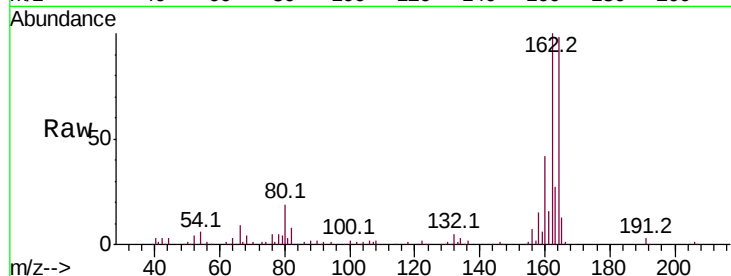
Tot Ion:164 Resp: 104375

Ion Ratio Lower Upper

164 100

162 102.4 80.7 121.1

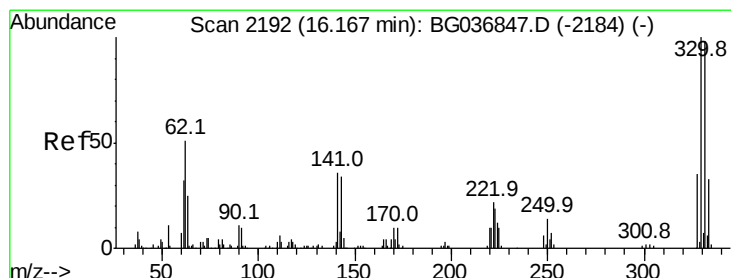
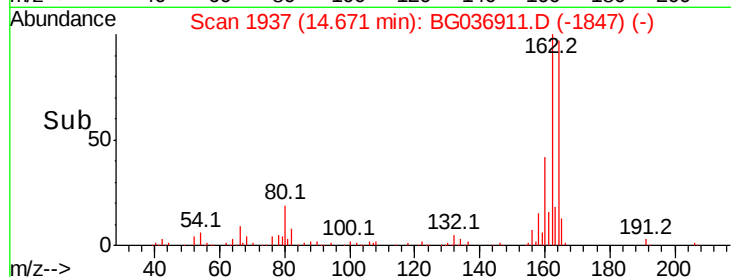
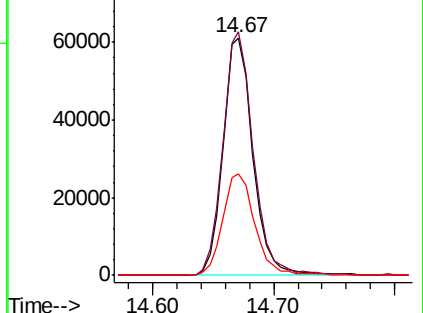
160 42.9 35.3 52.9



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: 114.597 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036911.D

Acq: 23 Sep 2018 3:18

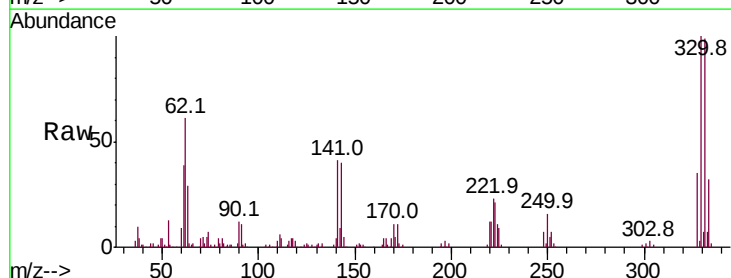
Tgt Ion:330 Resp: 143107

Ion Ratio Lower Upper

330 100

332 96.2 75.4 113.2

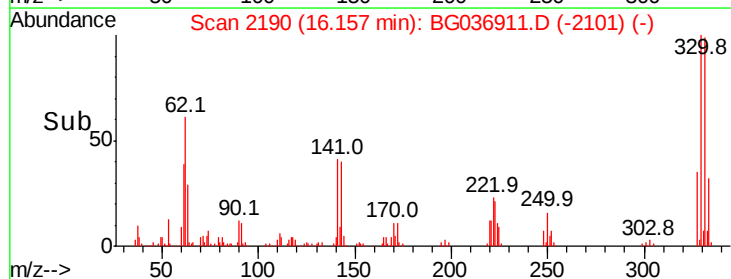
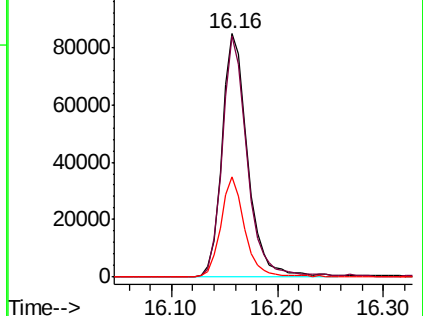
141 38.9 30.7 46.1



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

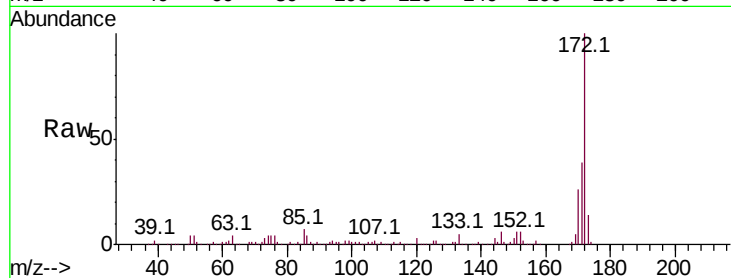




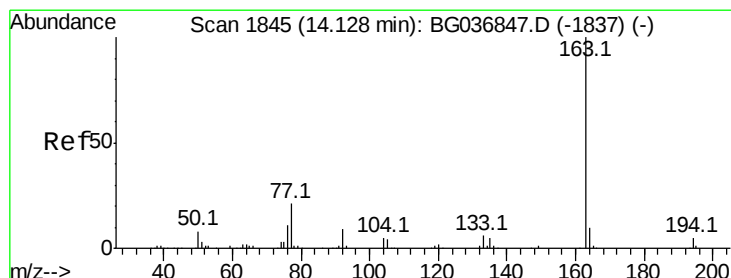
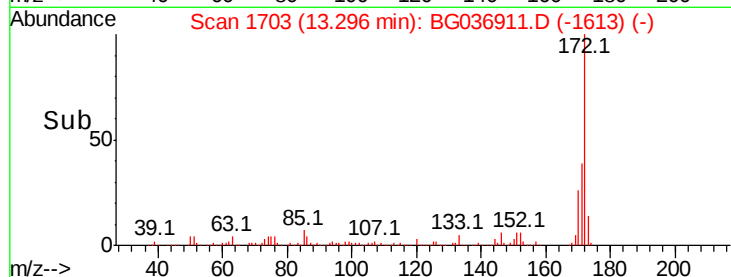
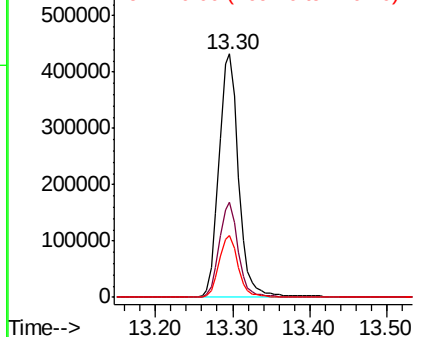
#44
2-Fluorobiphenyl
Concen: 109.132 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BG036911.D
Acq: 23 Sep 2018 3:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 764785
Ion Ratio Lower Upper
172 100
171 38.9 31.3 46.9
170 25.5 21.0 31.6

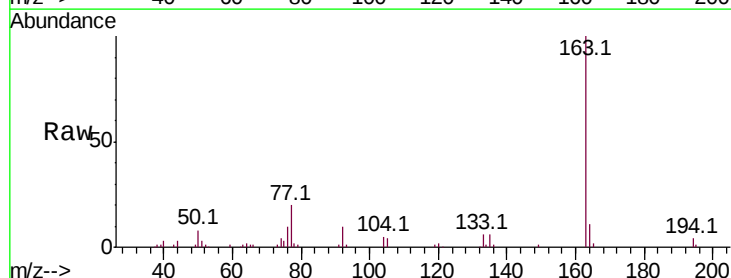


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

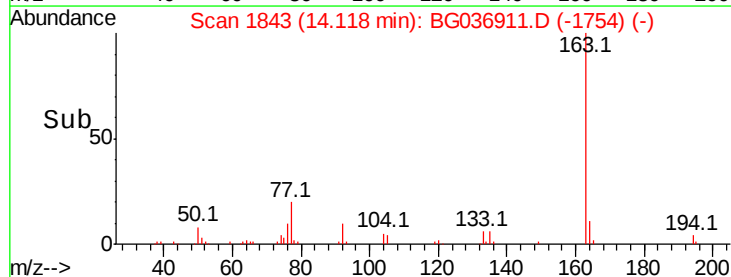
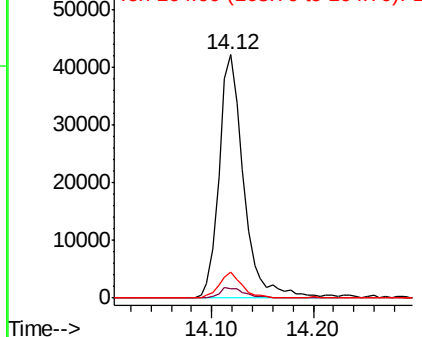


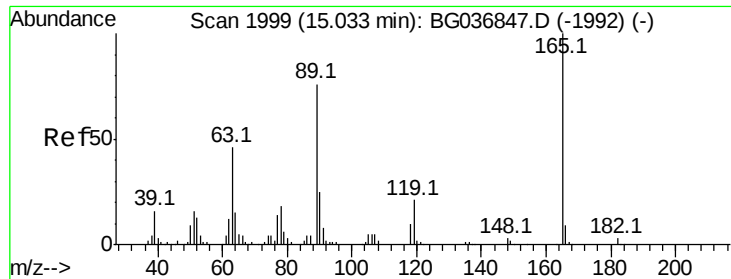
#49
Dimethylphthalate
Concen: 8.478 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG036911.D
Acq: 23 Sep 2018 3:18

Tgt Ion:163 Resp: 71224
Ion Ratio Lower Upper
163 100
194 4.0 4.0 6.0
164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

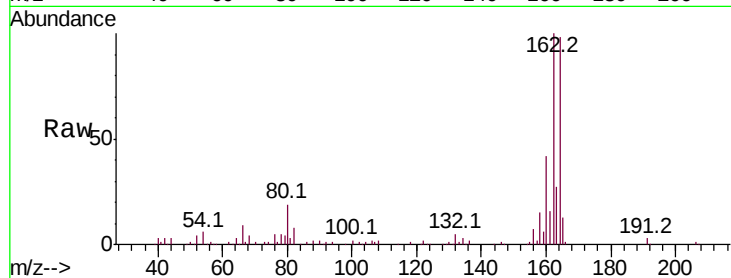




#56
2,4-Dinitrotoluene
Concen: 5.245 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.36 min
Lab File: BG036911.D
Acq: 23 Sep 2018 3:18

Instrument :
BNA_G
ClientSampleId :

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



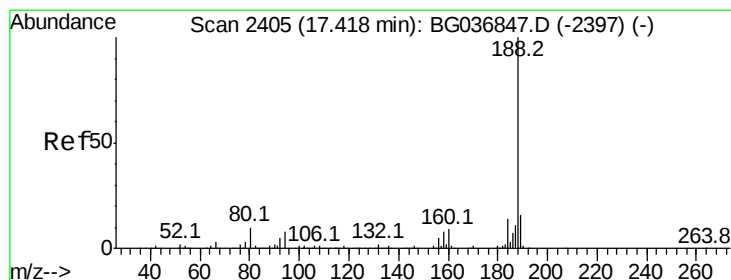
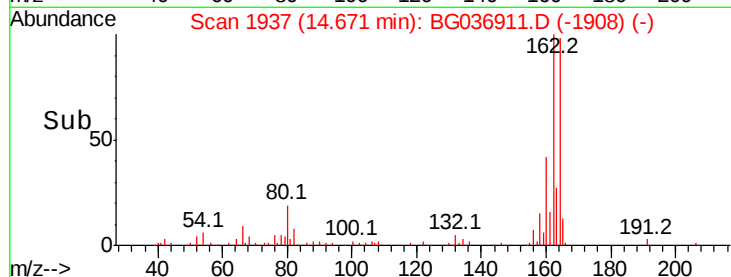
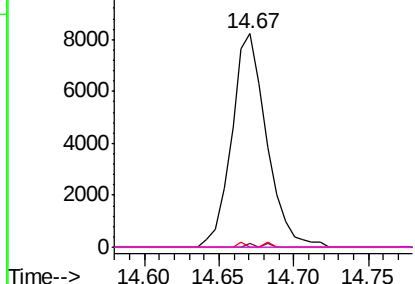
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

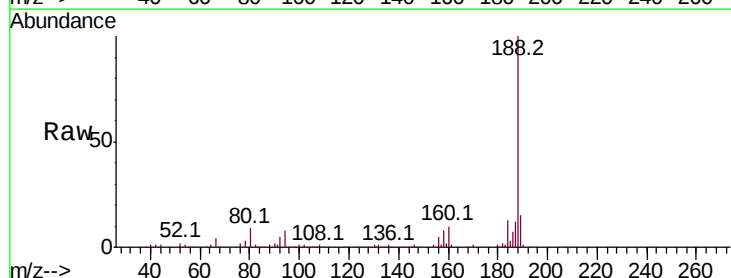
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036911.D
Acq: 23 Sep 2018 3:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.1	8.1	12.1

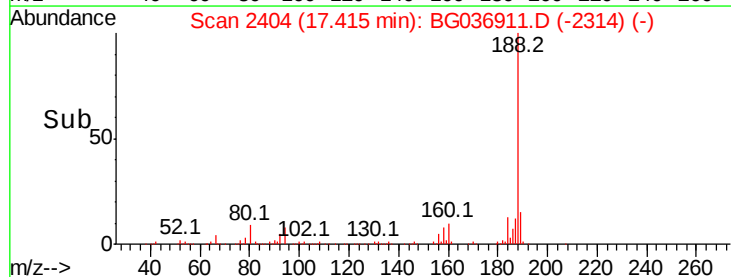
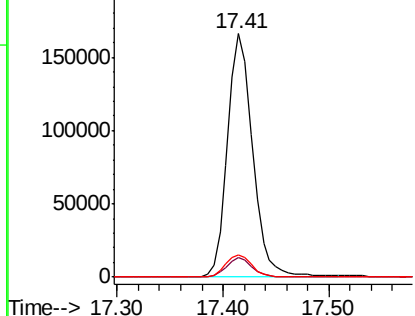


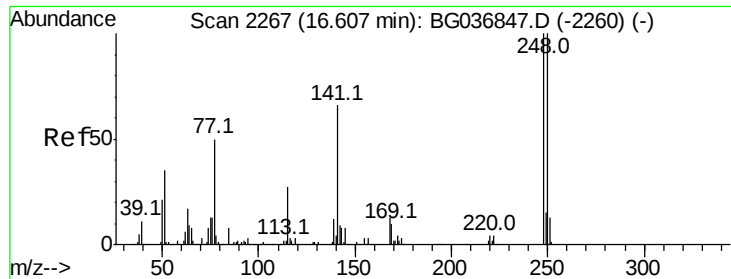
Abundance

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

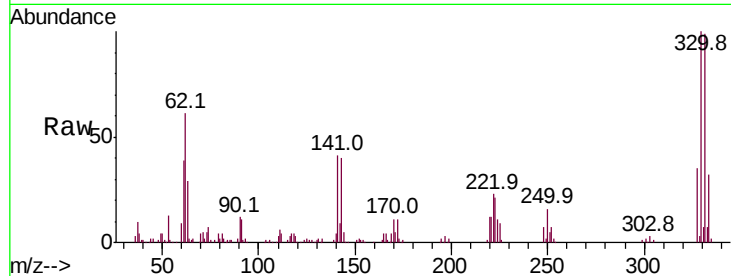




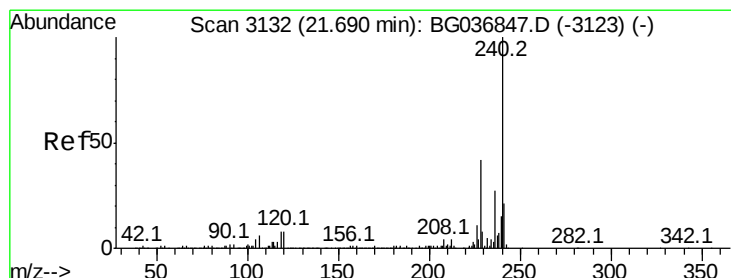
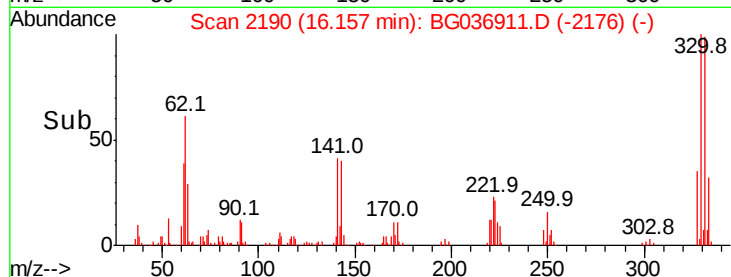
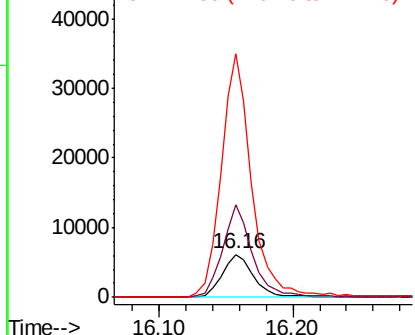
#66
 4-Bromophenyl-phenylether
 Concen: 3.247 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG036911.D
 Acq: 23 Sep 2018 3:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 10141
 Ion Ratio Lower Upper
 248 100
 250 214.5 78.1 117.1#
 141 567.6 53.7 80.5#

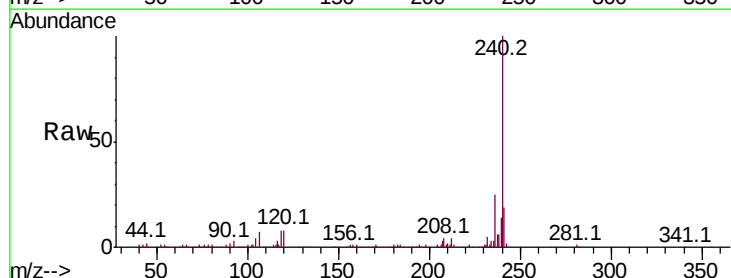


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

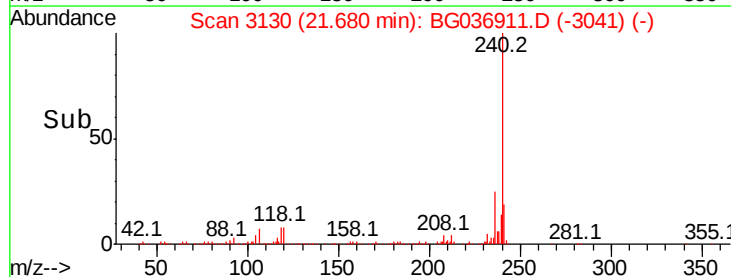
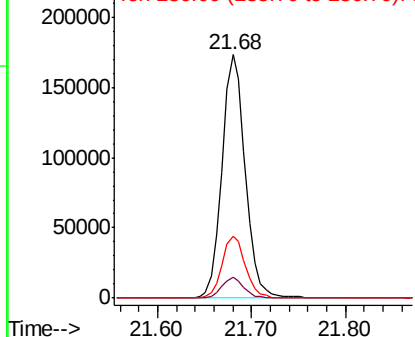


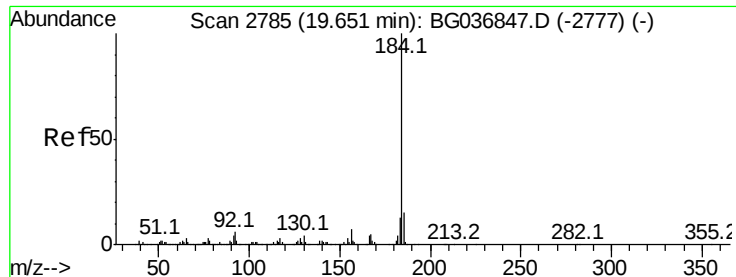
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036911.D
 Acq: 23 Sep 2018 3:18

Tgt Ion:240 Resp: 297790
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.9 10.3
 236 25.2 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





#76

Benzidine

Concen: 2.880 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.37 min

Lab File: BG036911.D

Acq: 23 Sep 2018 3:18

Instrument :

BNA_G

ClientSampleId :

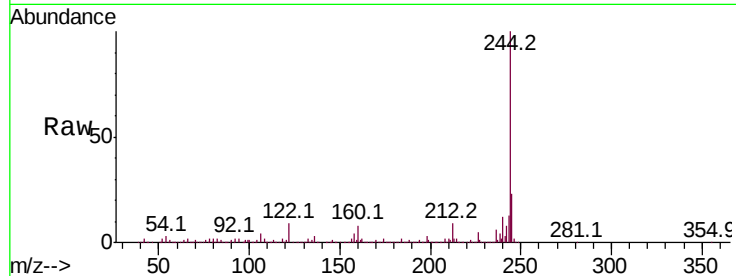
Tot Ion:184 Resp: 25926

Ion Ratio Lower Upper

184 100

185 12.8 12.6 18.8

183 8.8 10.9 16.3#

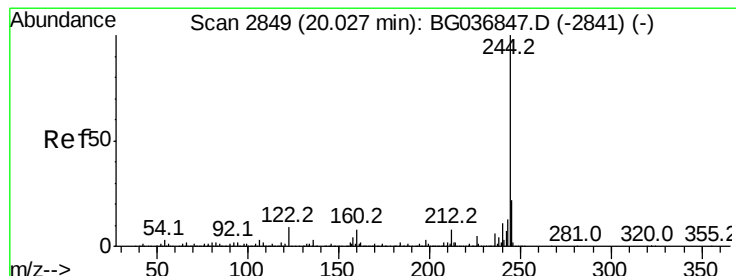
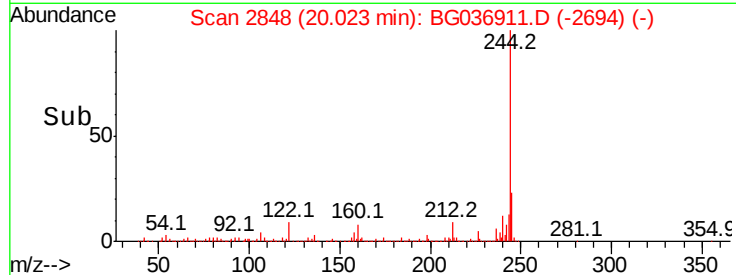
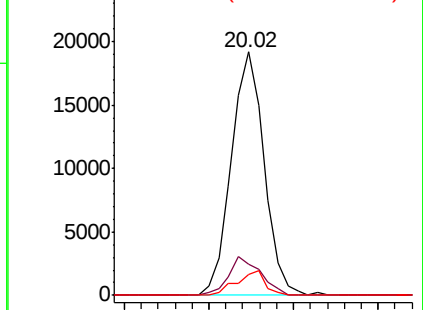


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 125.675 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036911.D

Acq: 23 Sep 2018 3:18

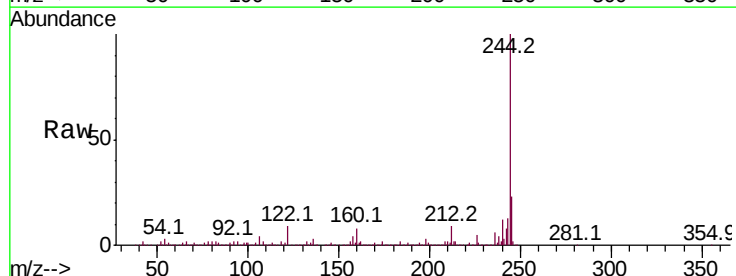
Tgt Ion:244 Resp: 1423266

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

122 9.2 7.1 10.7

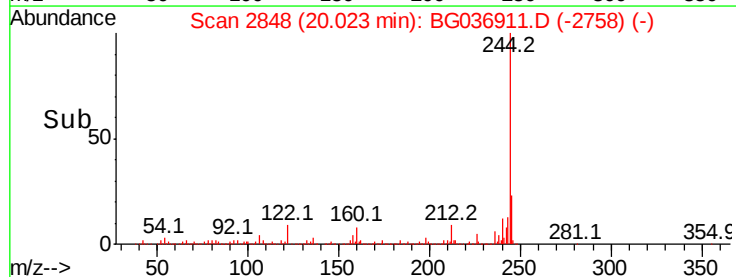
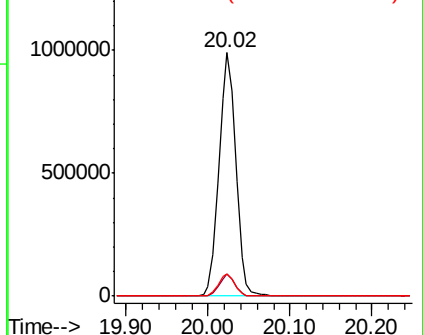


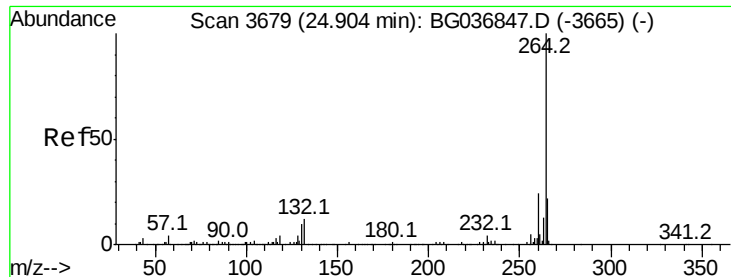
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG036911.D
Acq: 23 Sep 2018 3:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	20.6	17.4	26.0

