

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037049.D
 Acq On : 28 Sep 2018 14:04
 Operator : JU/SJ
 Sample : J5131-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 28 14:43:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

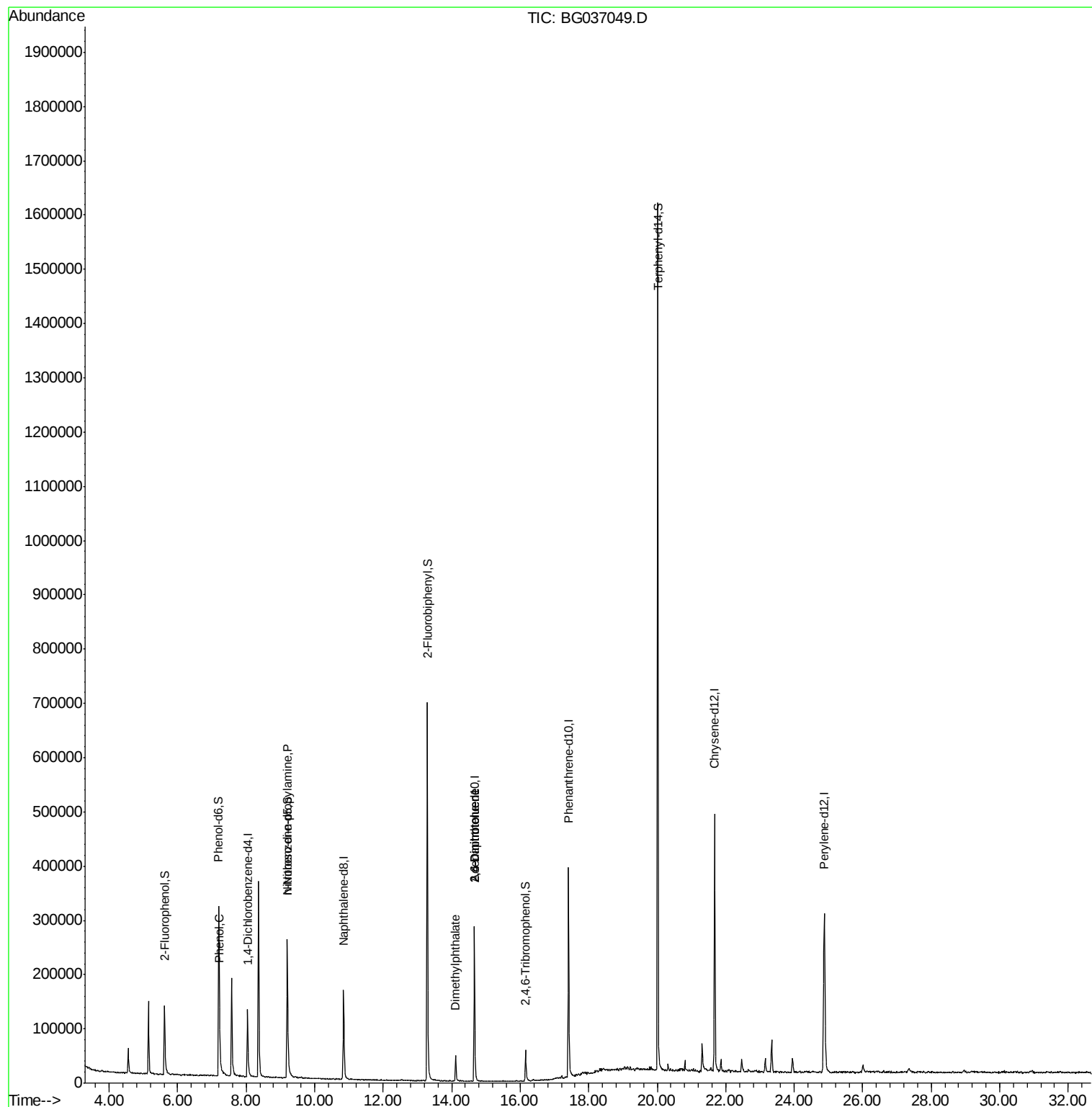
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42294	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	170921	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	105463	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	273546	20.00	ng	0.00
75) Chrysene-d12	21.67	240	310074	20.00	ng	-0.02
86) Perylene-d12	24.88	264	317527	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	65761	29.82	ng	0.00
7) Phenol-d6	7.20	99	223375	65.47	ng	0.00
23) Nitrobenzene-d5	9.20	82	197624	61.92	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	15505	12.29	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	429731	60.69	ng	0.00
78) Terphenyl-d14	20.02	244	771120	65.39	ng	0.00
Target Compounds						
10) Phenol	7.23	94	8990	2.553	ng	# 70
19) n-Nitroso-di-n-propylamine	9.20	70	26796	9.440	ng	# 78
49) Dimethylphthalate	14.11	163	38435	4.528	ng	97
50) 2,6-Dinitrotoluene	14.66	165	13287	7.174	ng	# 21
56) 2,4-Dinitrotoluene	14.66	165	13287	5.141	ng	# 20

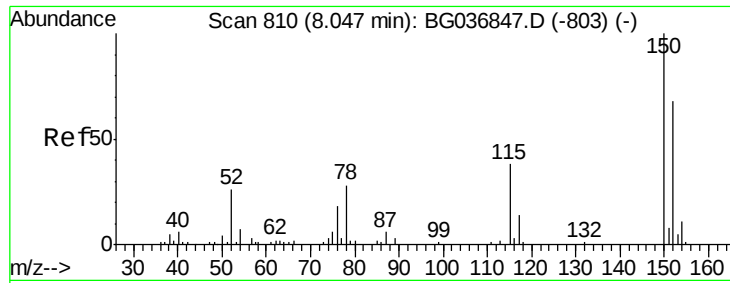
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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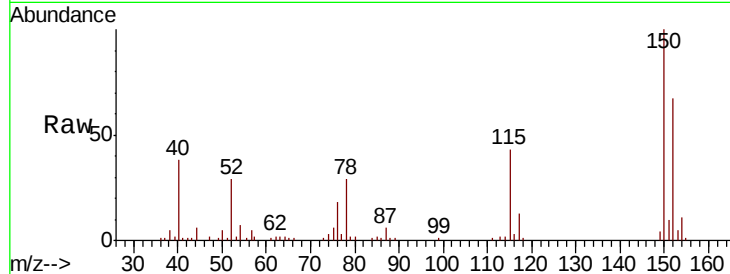


#1

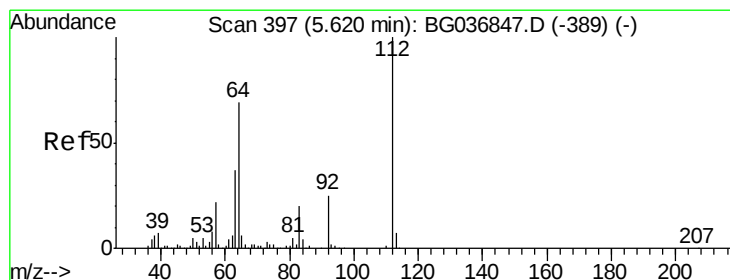
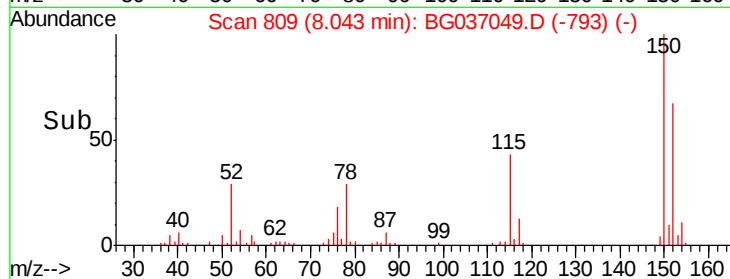
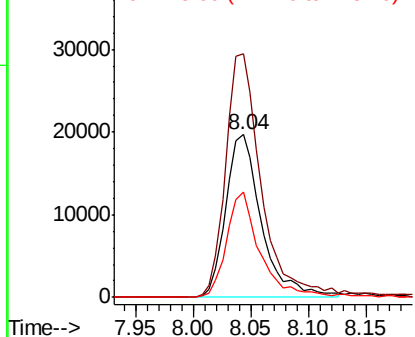
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG037049.D
Acq: 28 Sep 2018 14:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42294
Ion Ratio Lower Upper
152 100
150 149.7 119.5 179.3
115 64.9 44.5 66.7



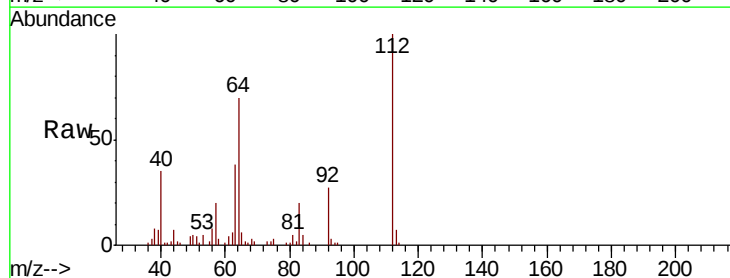
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



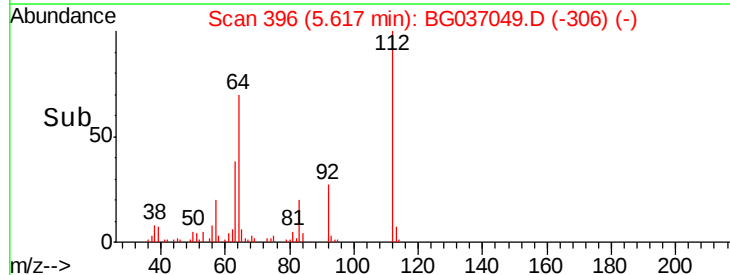
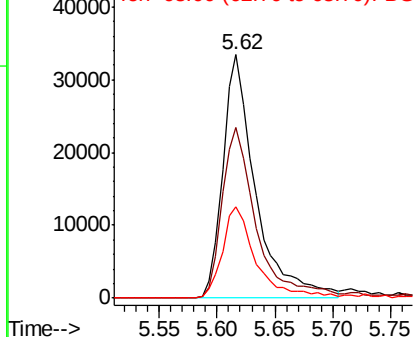
#5

2-Fluorophenol
Concen: 29.819 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037049.D
Acq: 28 Sep 2018 14:04

Tgt Ion:112 Resp: 65761
Ion Ratio Lower Upper
112 100
64 70.0 57.2 85.8
63 37.7 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: 65.466 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037049.D

Acq: 28 Sep 2018 14:04

Instrument :

BNA_G

ClientSampled :

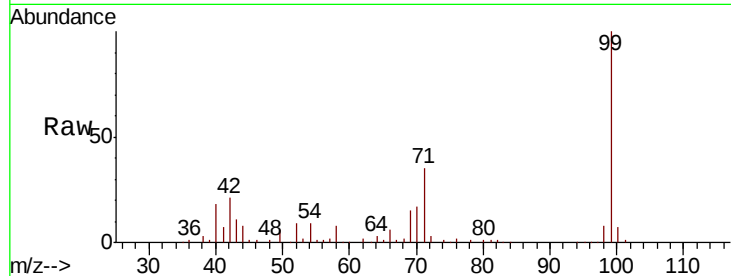
Tot Ion: 99 Resp: 223375

Ion Ratio Lower Upper

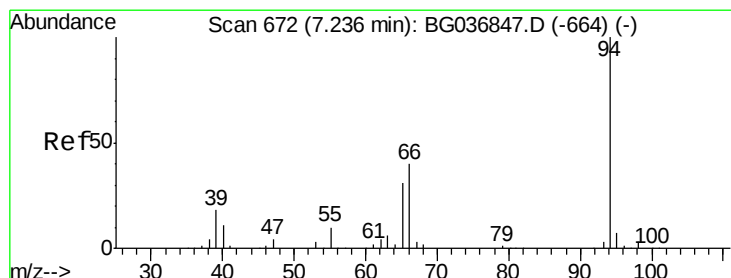
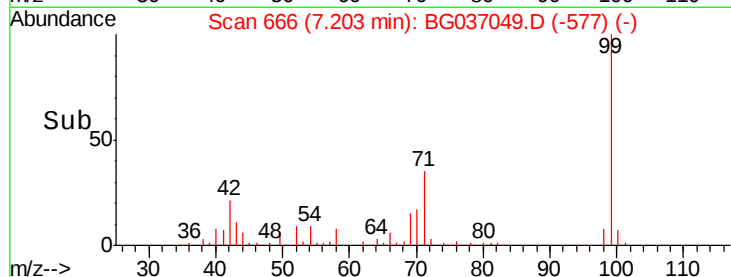
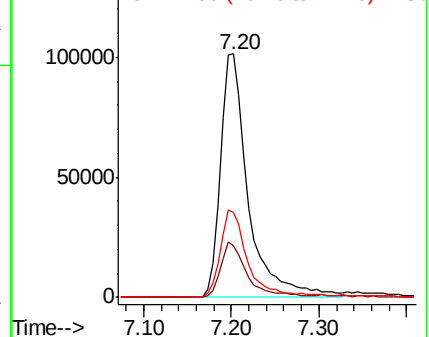
99 100

42 21.0 16.5 24.7

71 35.0 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



#10

Phenol

Concen: 2.553 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG037049.D

Acq: 28 Sep 2018 14:04

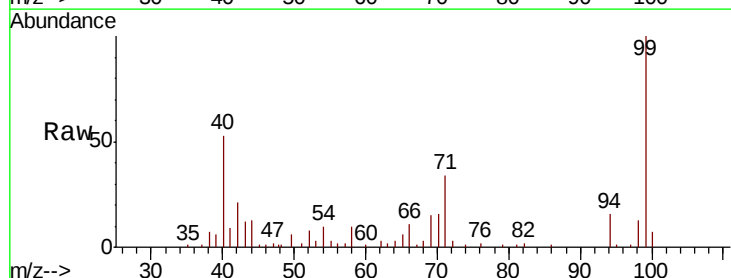
Tgt Ion: 94 Resp: 8990

Ion Ratio Lower Upper

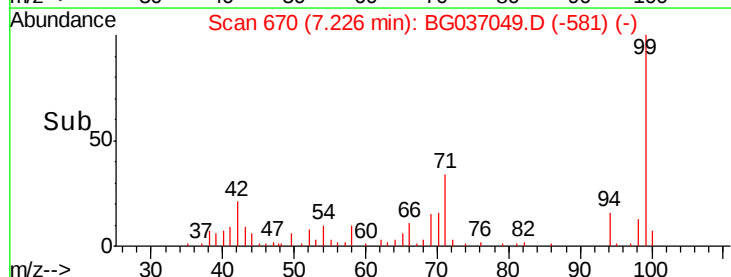
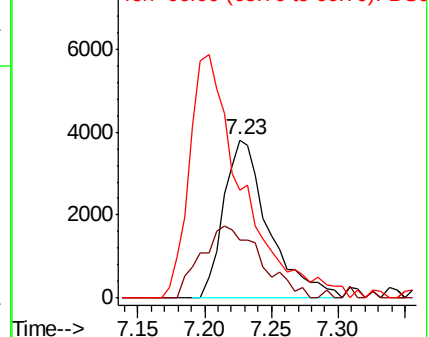
94 100

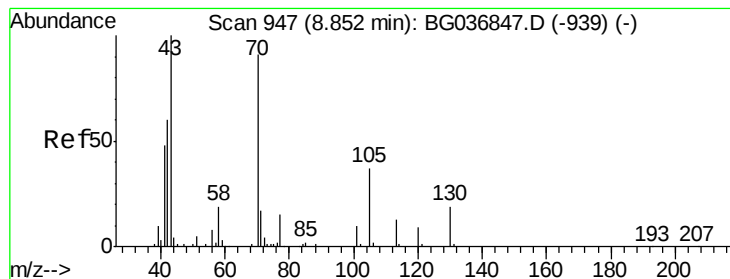
65 36.5 11.5 51.5

66 68.4 19.5 59.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 9.440 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037049.D

Acq: 28 Sep 2018 14:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 26796

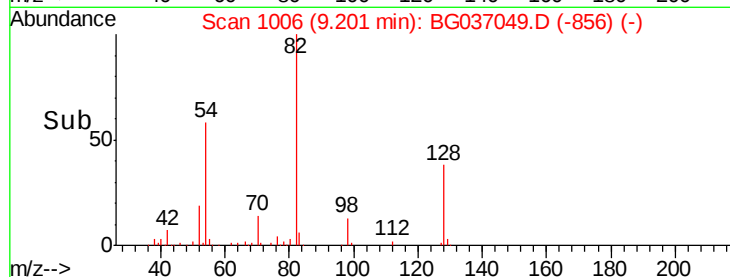
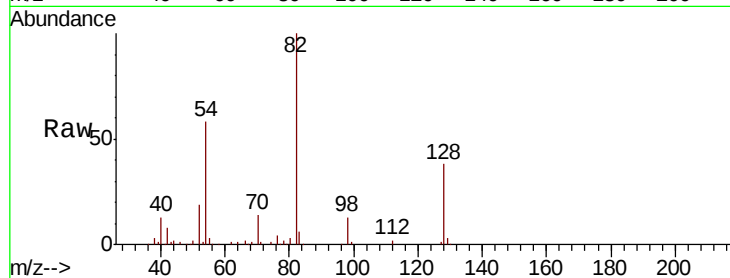
Ion Ratio Lower Upper

70 100

42 56.3 56.2 84.4

101 0.0 7.8 11.6#

130 2.5 16.2 24.2#

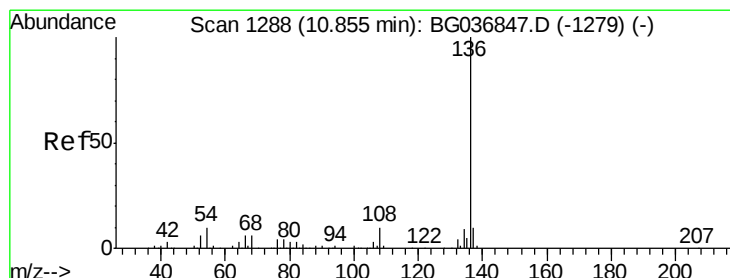
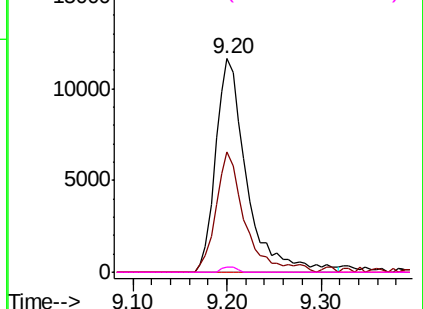


Abundance Ion 70.00 (69.70 to 70.70): BGC

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# 1286

Delta R.T. -0.01 min

Lab File: BG037049.D

Acq: 28 Sep 2018 14:04

Tgt Ion: 136 Resp: 170921

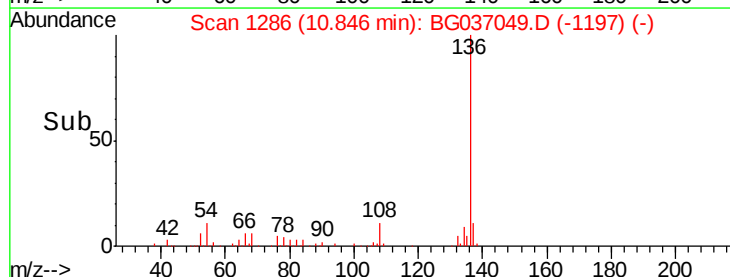
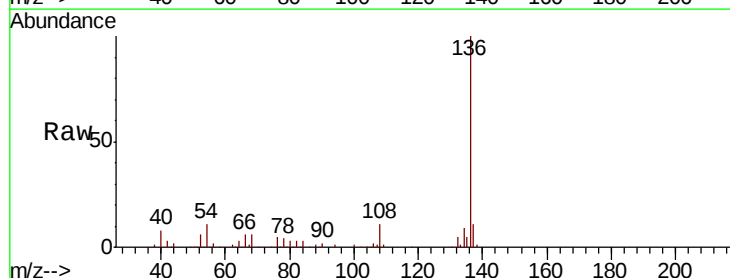
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 11.3 9.2 13.8

68 6.4 5.8 8.6

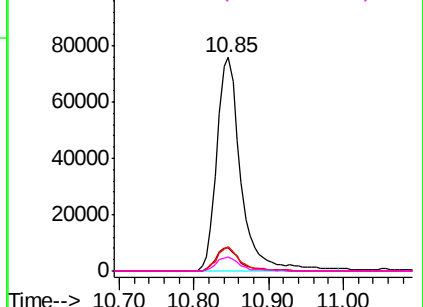


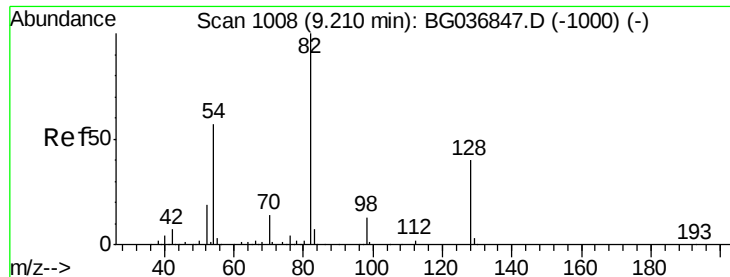
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

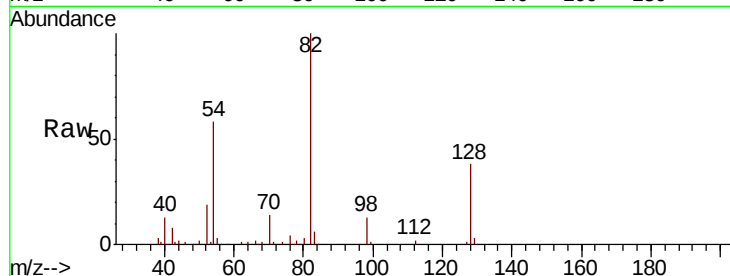




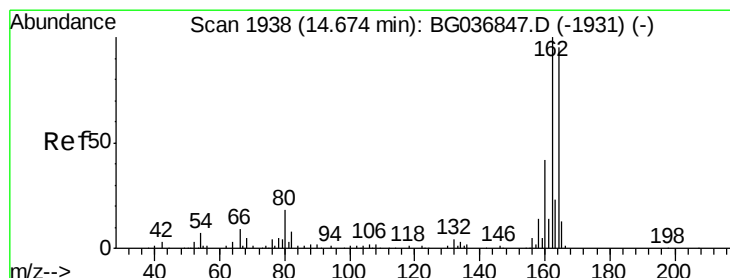
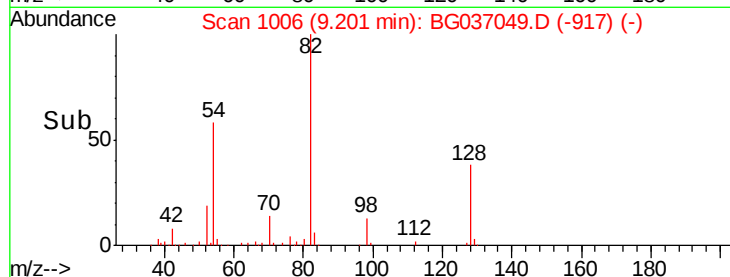
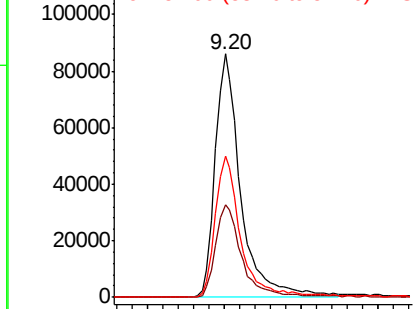
#23
Nitrobenzene-d5
Concen: 61.917 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037049.D
Acq: 28 Sep 2018 14:04

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	197624
Ion Ratio	100	Lower	Upper
128	38.2	33.3	49.9
54	57.8	45.1	67.7

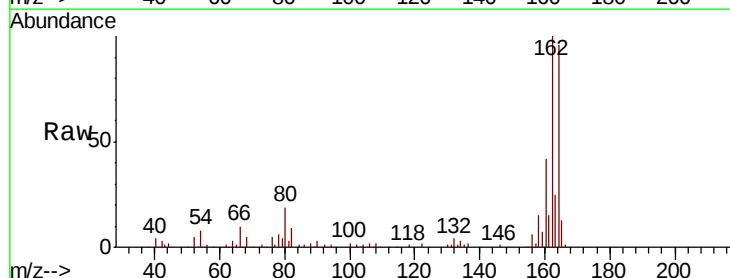


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

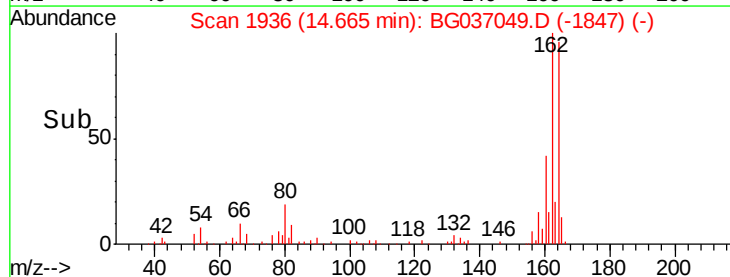
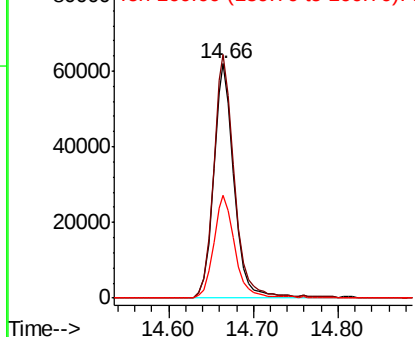


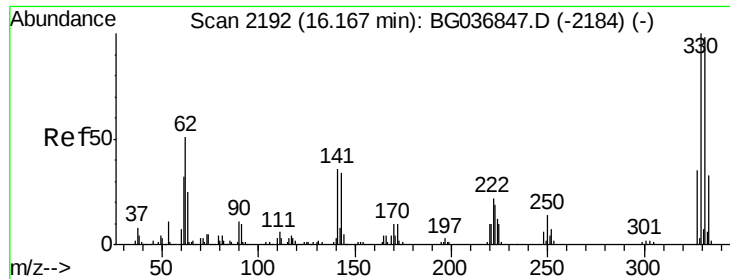
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037049.D
Acq: 28 Sep 2018 14:04

Tgt Ion	164	Resp	105463
Ion Ratio	100	Lower	Upper
162	103.9	80.7	121.1
160	44.0	35.3	52.9



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

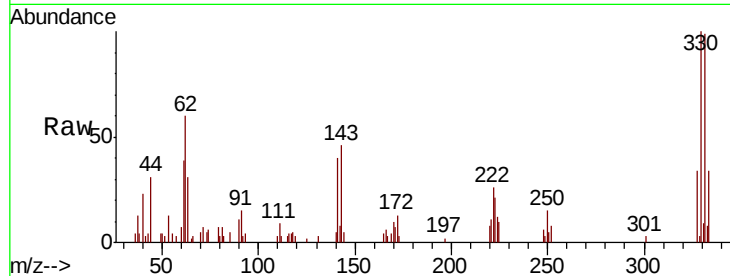




#41
 2,4,6-Tribromophenol
 Concen: 12.288 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037049.D
 Acq: 28 Sep 2018 14:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.2
141	41.6	30.7	46.1

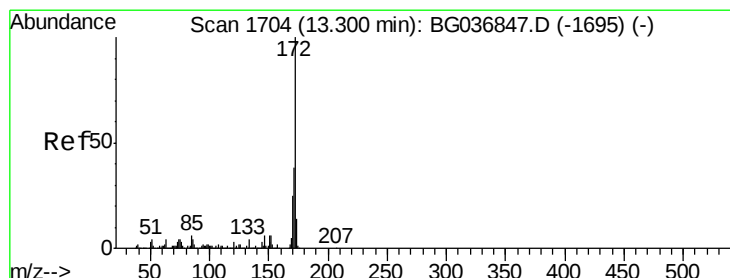
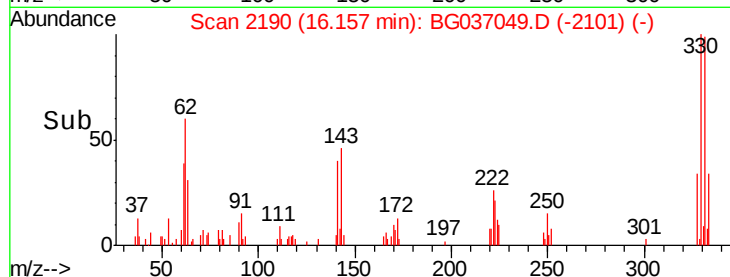
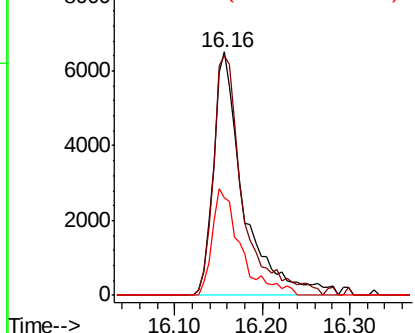


Abundance

Ion 329.80 (329.50 to 330.50): E

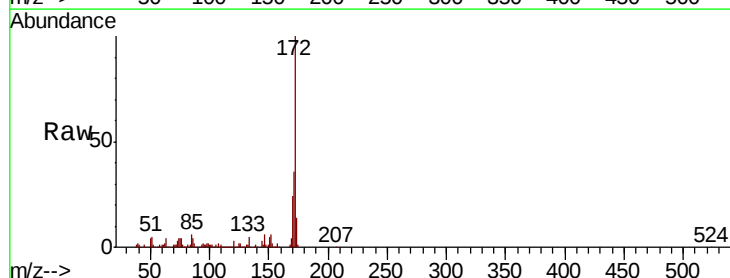
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 60.688 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037049.D
 Acq: 28 Sep 2018 14:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	31.3	46.9
170	24.0	21.0	31.6

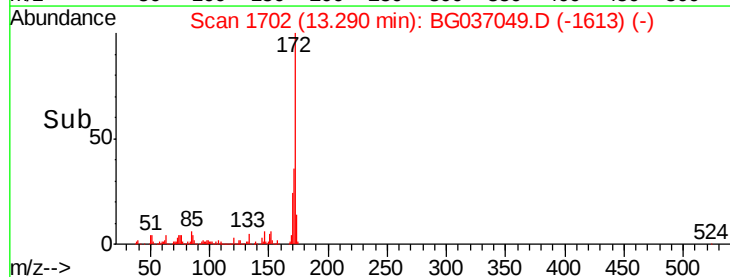
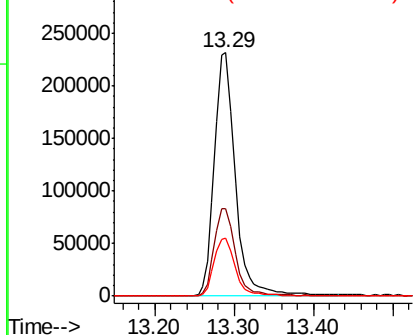


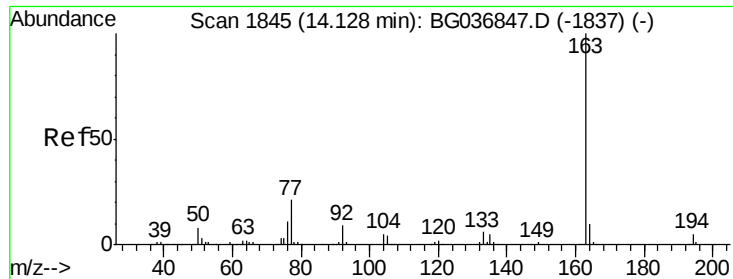
Abundance

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

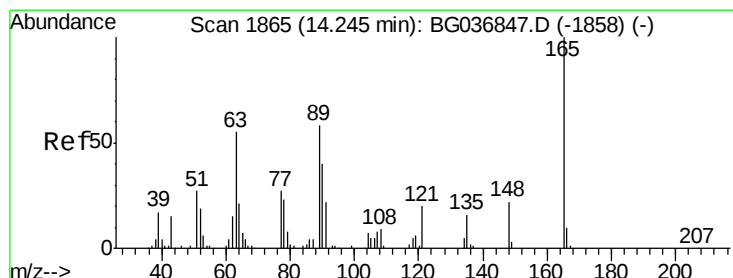
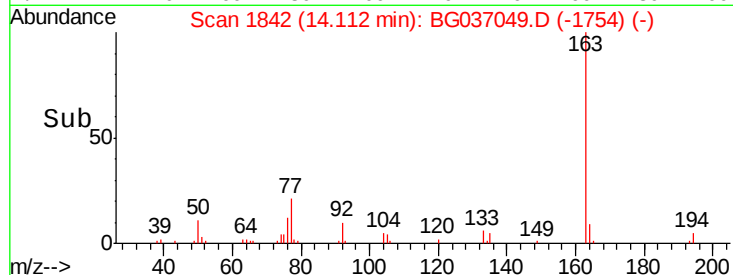
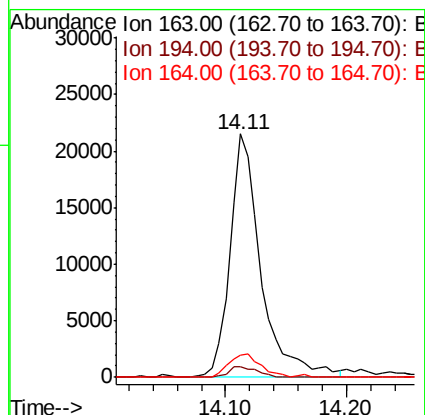
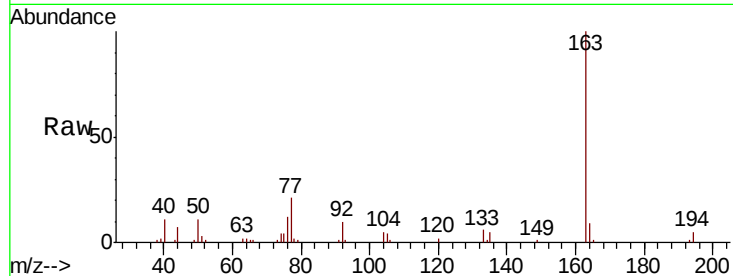




#49
 Dimethylphthalate
 Concen: 4.528 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG037049.D
 Acq: 28 Sep 2018 14:04

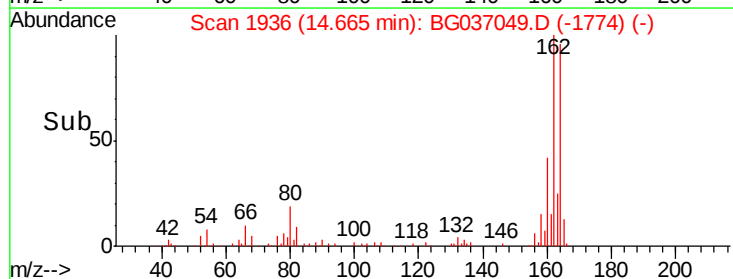
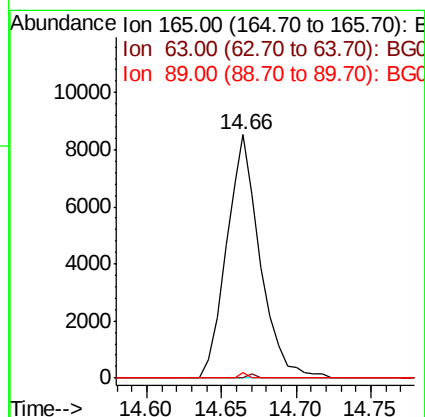
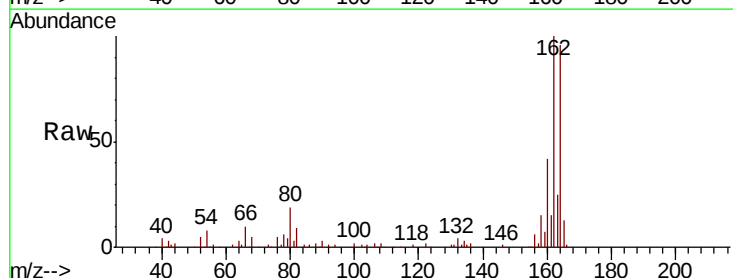
Instrument :
 BNA_G
 ClientSampled :

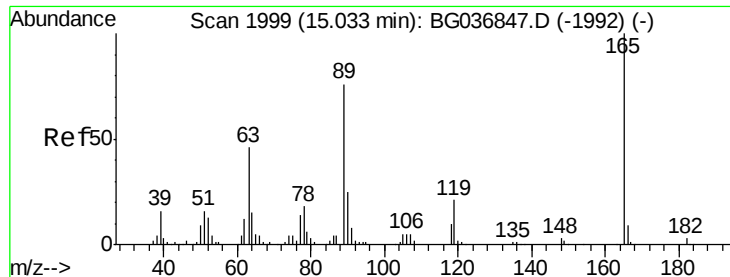
Tot Ion	163	Resp	38435
Ion Ratio	100	Lower	Upper
163	100		
194	4.6	4.0	6.0
164	8.9	8.1	12.1



#50
 2,6-Dinitrotoluene
 Concen: 7.174 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037049.D
 Acq: 28 Sep 2018 14:04

Tgt Ion	165	Resp	13287
Ion Ratio	100	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.1	47.8	71.6#

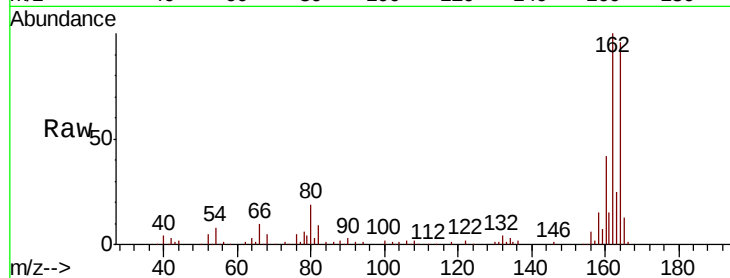




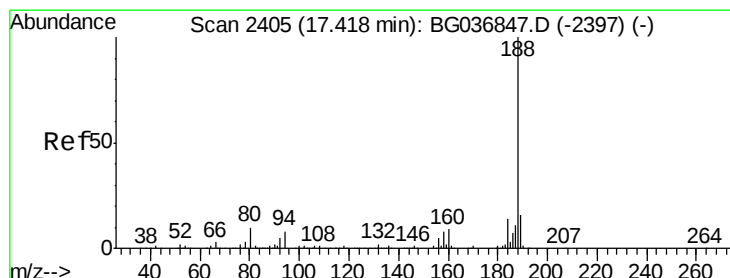
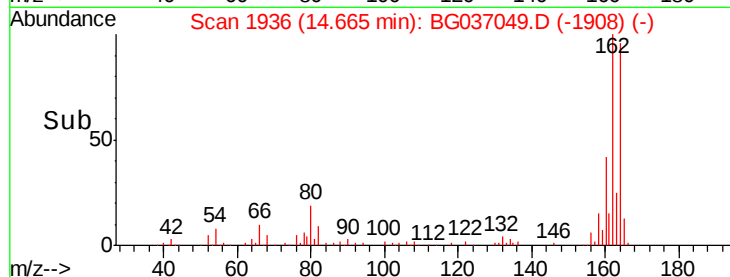
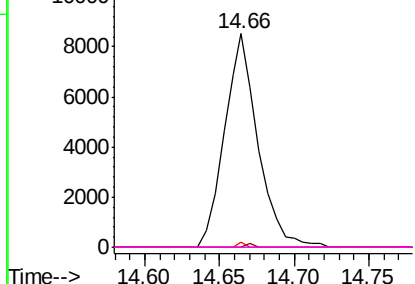
#56
2,4-Dinitrotoluene
Concen: 5.141 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037049.D
Acq: 28 Sep 2018 14:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.1	63.7	95.5#
182	0.0	2.5	3.7#

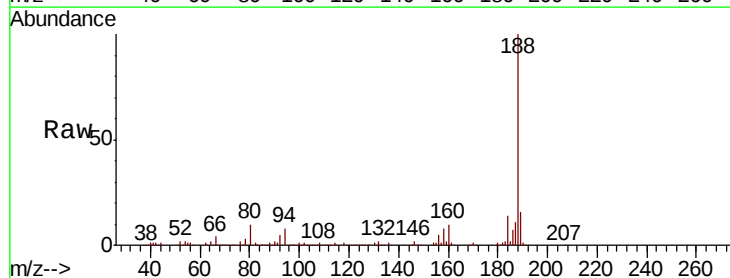


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

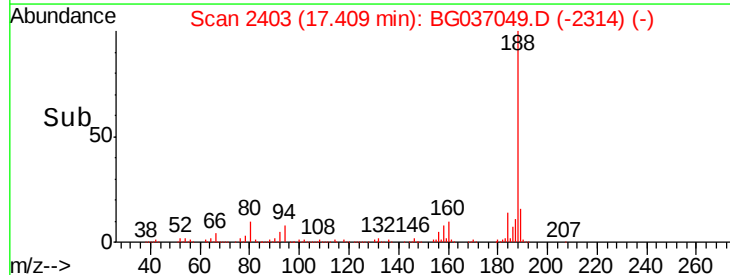
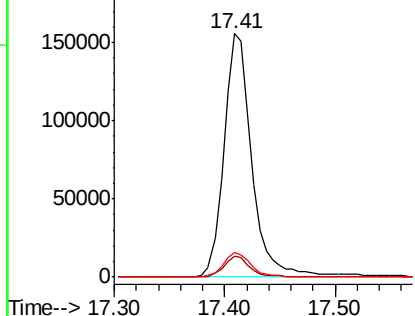


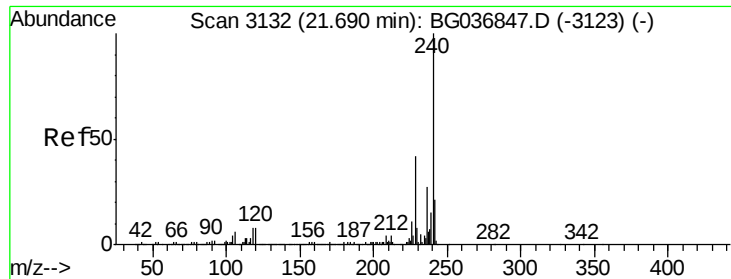
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037049.D
Acq: 28 Sep 2018 14:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	10.1	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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037049.D

Acq: 28 Sep 2018 14:04

Instrument :

BNA_G

ClientSampleId :

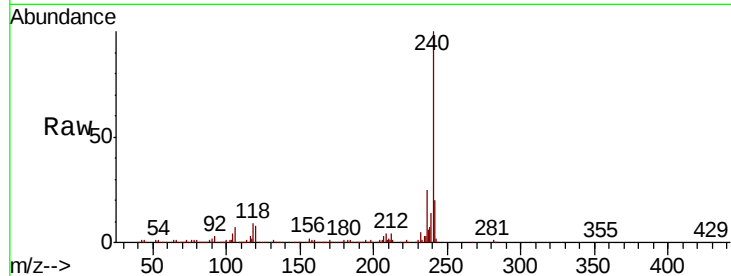
Tot Ion:240 Resp: 310074

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

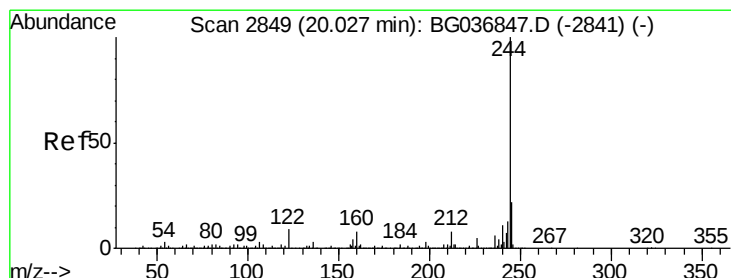
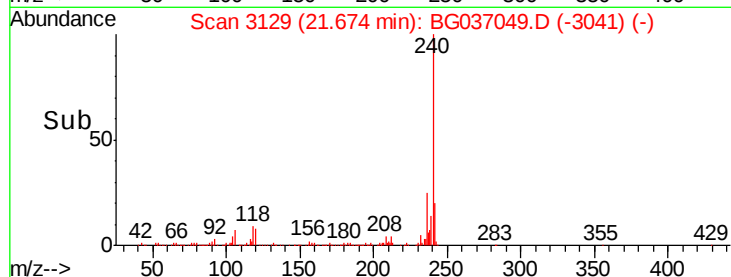
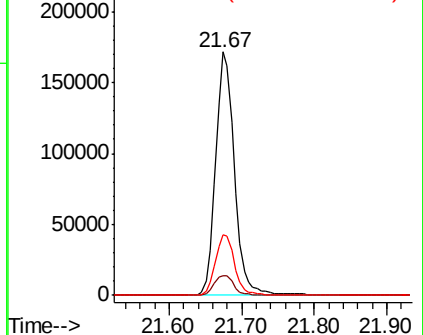
236 25.0 21.2 31.8



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: 65.393 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037049.D

Acq: 28 Sep 2018 14:04

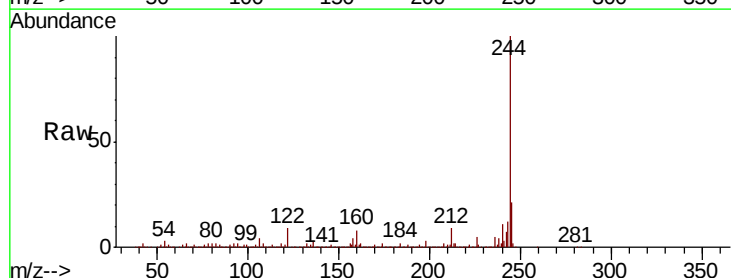
Tgt Ion:244 Resp: 771120

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

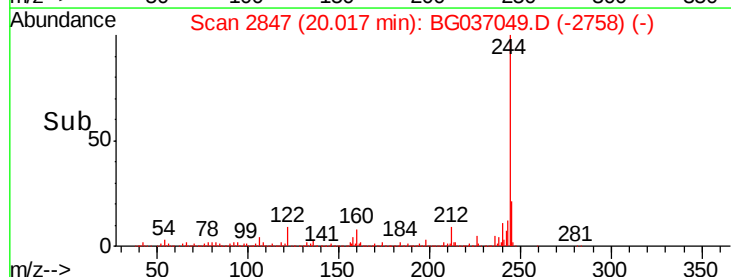
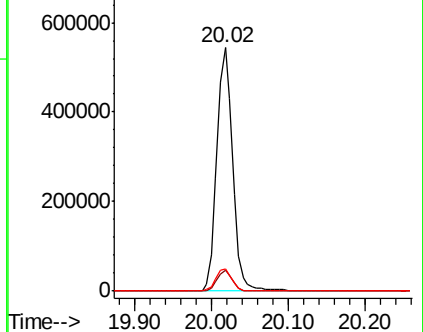
122 9.3 7.1 10.7

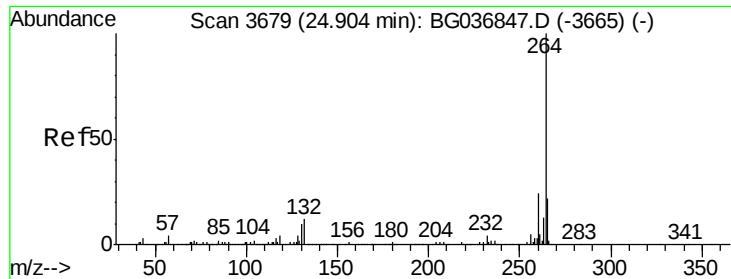


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

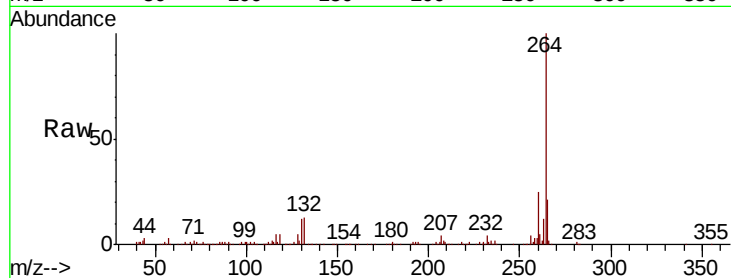




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037049.D
Acq: 28 Sep 2018 14:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	21.0	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

