

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092718\
 Data File : BG037025.D
 Acq On : 27 Sep 2018 21:50
 Operator : JU/SJ
 Sample : J5097-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Sep 28 04:23:55 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

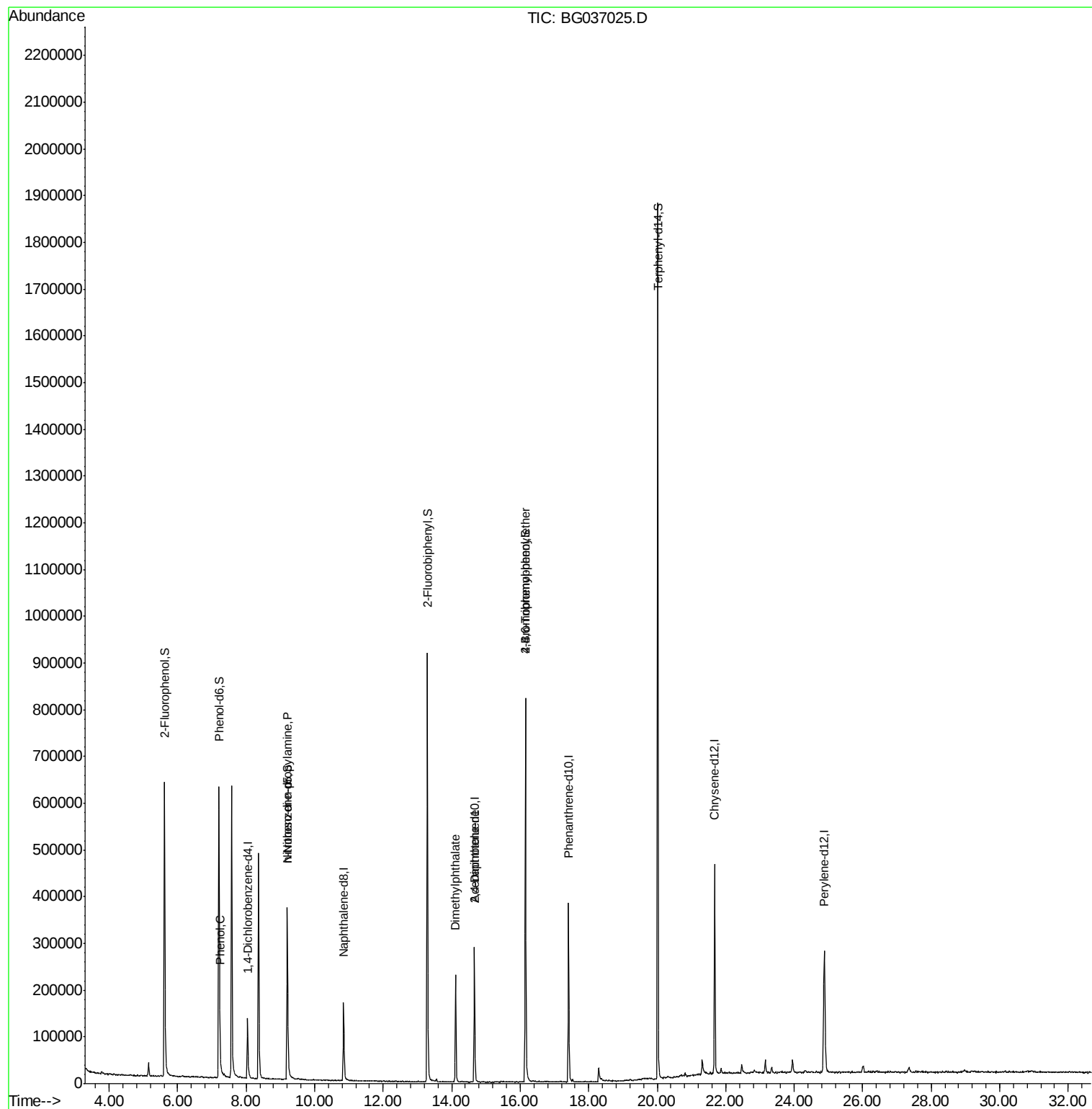
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42033	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	162738	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	103737	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	270811	20.00	ng	0.00
75) Chrysene-d12	21.68	240	296216	20.00	ng	0.00
86) Perylene-d12	24.88	264	289405	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	295482	134.82	ng	0.00
7) Phenol-d6	7.20	99	407139	120.06	ng	0.00
23) Nitrobenzene-d5	9.20	82	272954	89.82	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	160250	129.11	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	536795	77.07	ng	0.00
78) Terphenyl-d14	20.02	244	929335	82.50	ng	0.00
Target Compounds						
10) Phenol	7.23	94	8436	2.410	ng	# 65
19) n-Nitroso-di-n-propylamine	9.20	70	35797	12.690	ng	# 77
49) Dimethylphthalate	14.11	163	168384	20.165	ng	99
56) 2,4-Dinitrotoluene	14.66	165	13226	5.203	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	10882	3.533	ng	# 1

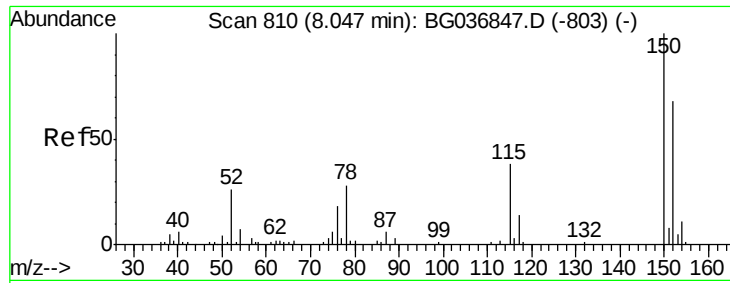
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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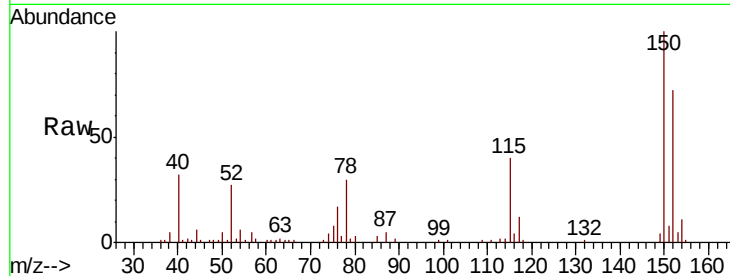




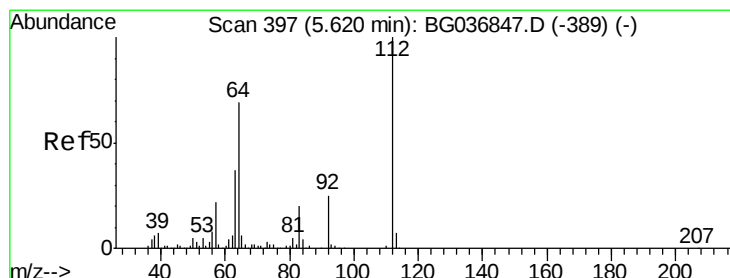
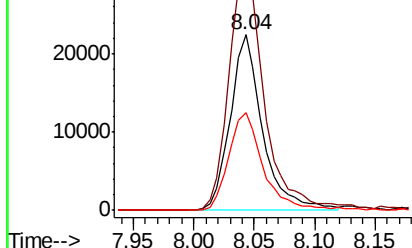
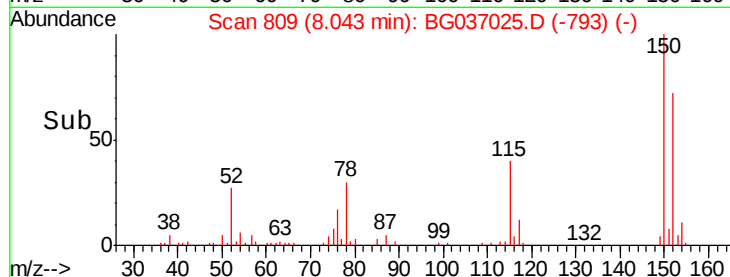
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG037025.D
 Acq: 27 Sep 2018 21:50

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:152 Resp: 42033
 Ion Ratio Lower Upper
 152 100
 150 138.8 119.5 179.3
 115 55.3 44.5 66.7

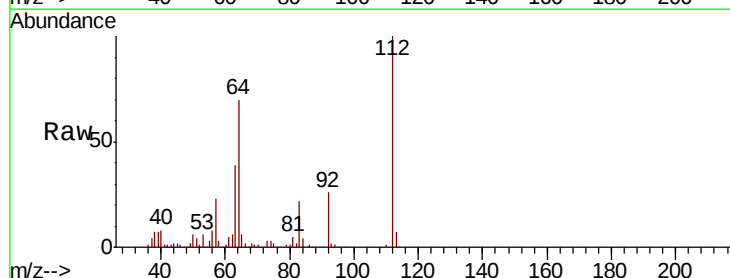


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

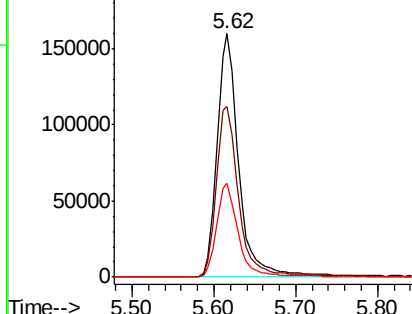
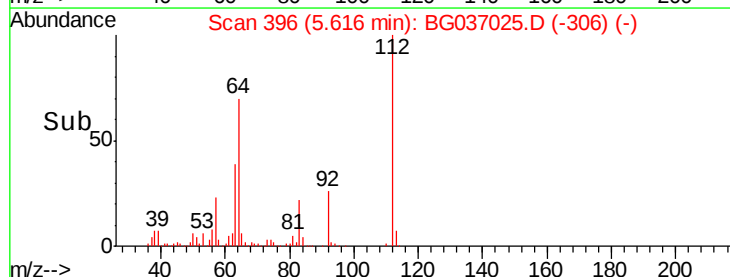


#5
 2-Fluorophenol
 Concen: 134.816 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG037025.D
 Acq: 27 Sep 2018 21:50

Tgt Ion:112 Resp: 295482
 Ion Ratio Lower Upper
 112 100
 64 70.3 57.2 85.8
 63 38.7 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: 120.064 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037025.D

Acq: 27 Sep 2018 21:50

Instrument :

BNA_G

ClientSampled :

TP-2

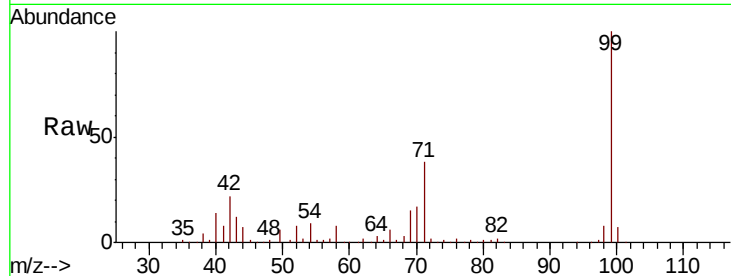
Tgt Ion: 99 Resp: 407139

Ion Ratio Lower Upper

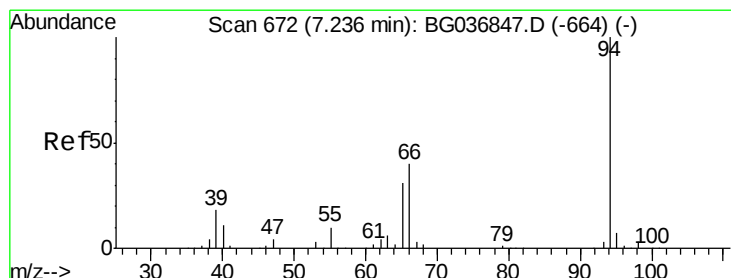
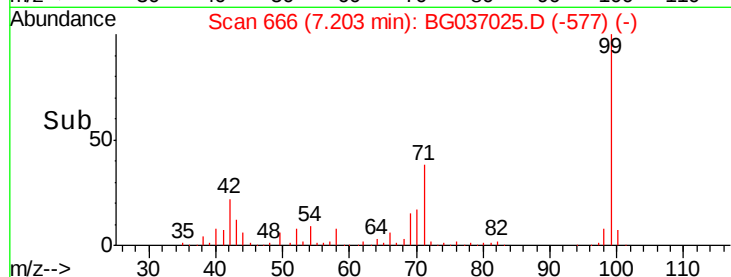
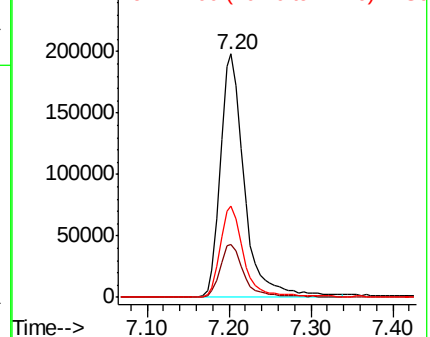
99 100

42 21.7 16.5 24.7

71 37.7 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



#10

Phenol

Concen: 2.410 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG037025.D

Acq: 27 Sep 2018 21:50

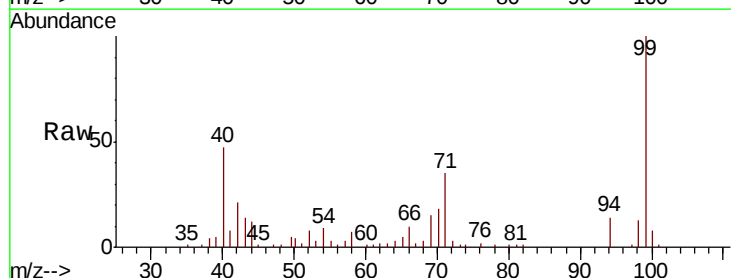
Tgt Ion: 94 Resp: 8436

Ion Ratio Lower Upper

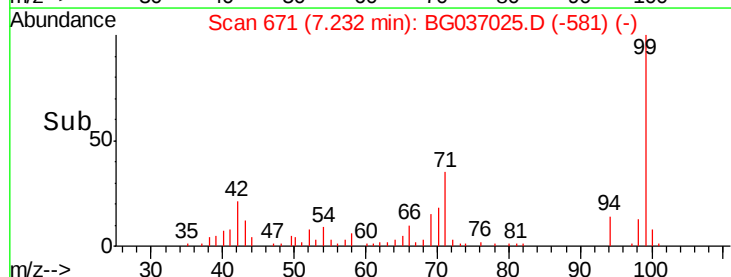
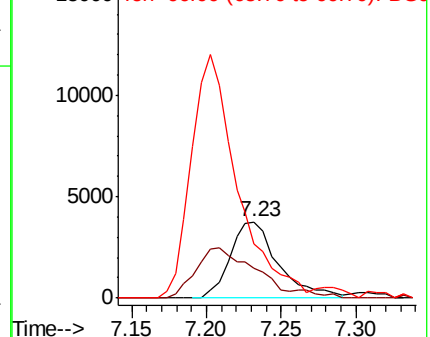
94 100

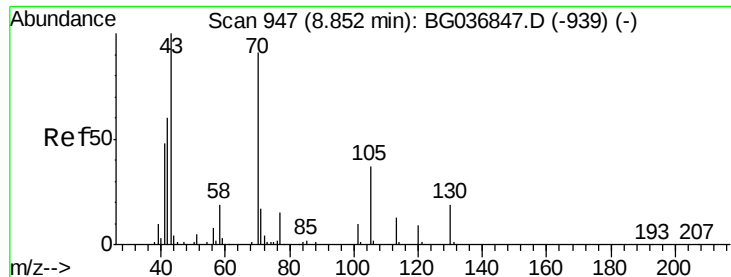
65 39.5 11.5 51.5

66 70.9 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

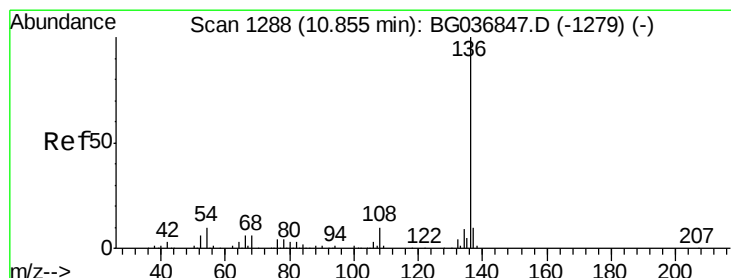
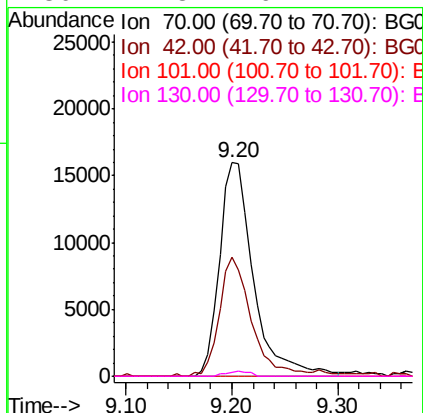
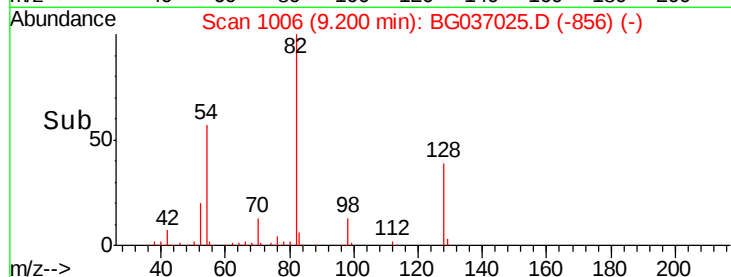
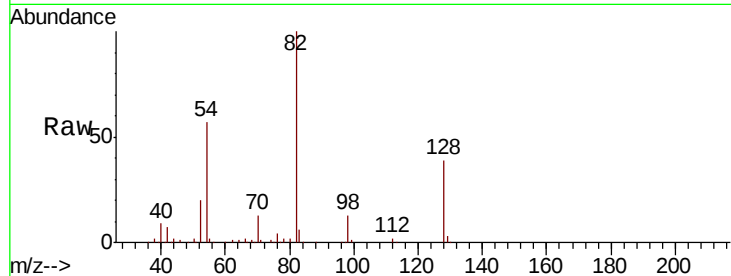




#19
n-Nitroso-di-n-propylamine
Concen: 12.690 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.35 min
Lab File: BG037025.D
Acq: 27 Sep 2018 21:50

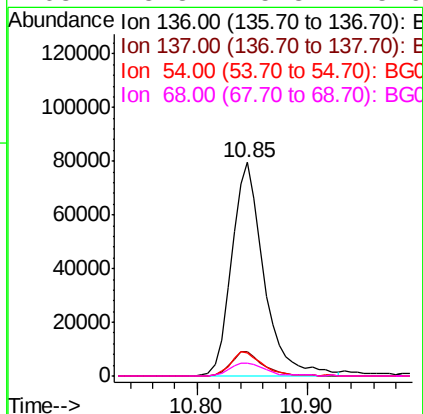
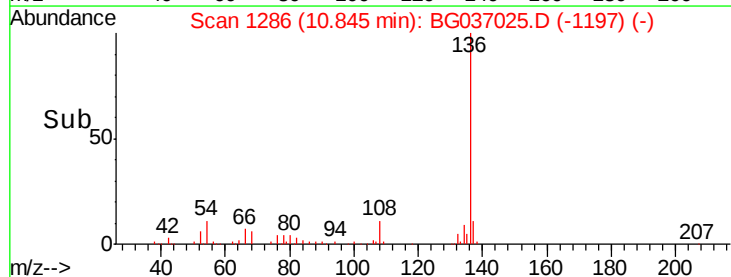
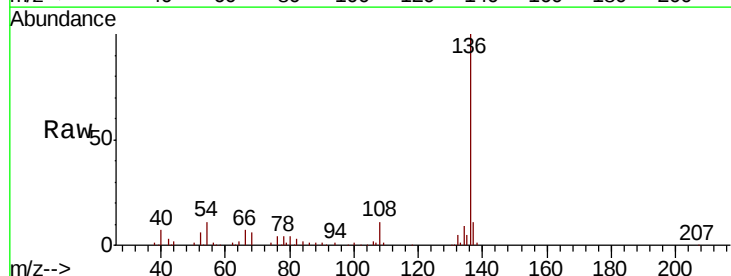
Instrument :
BNA_G
ClientSampleId :
TP-2

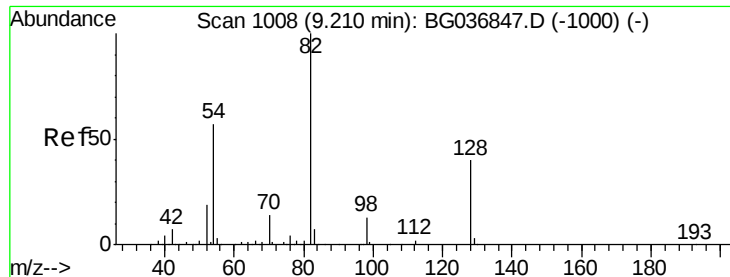
Tgt Ion: 70 Resp: 35797
Ion Ratio Lower Upper
70 100
42 55.7 56.2 84.4#
101 0.0 7.8 11.6#
130 1.8 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037025.D
Acq: 27 Sep 2018 21:50

Tgt Ion: 136 Resp: 162738
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.8 9.2 13.8
68 5.8 5.8 8.6

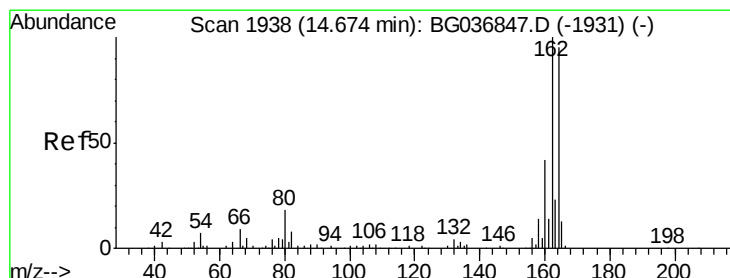
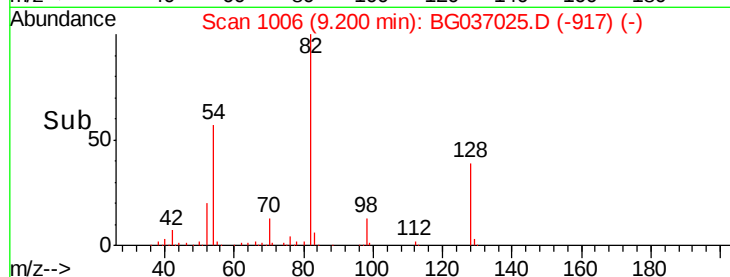
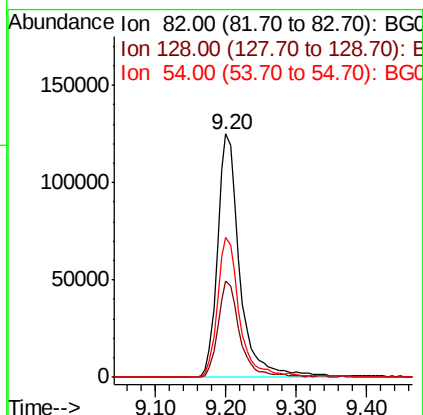
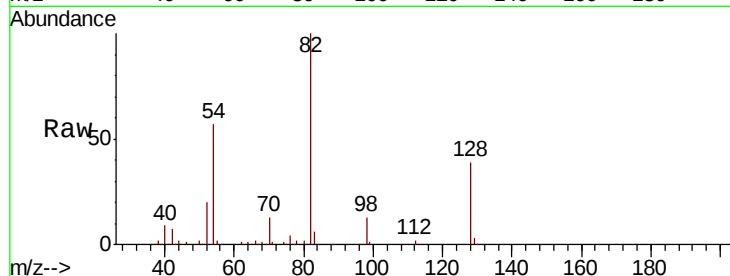




#23
 Nitrobenzene-d5
 Concen: 89.819 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037025.D
 Acq: 27 Sep 2018 21:50

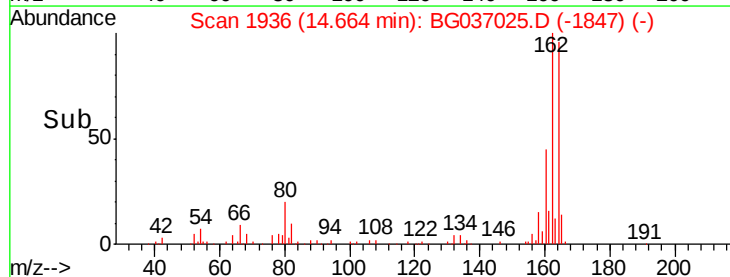
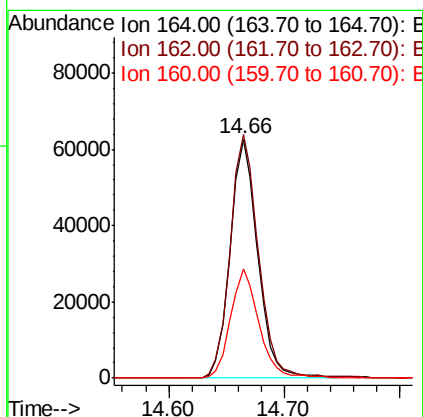
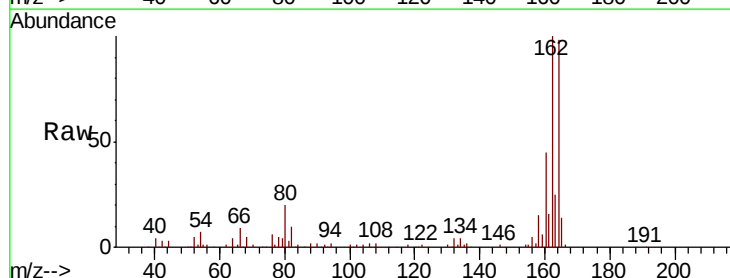
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

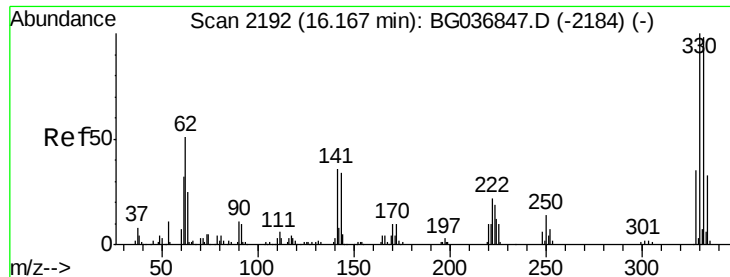
Tgt Ion: 82 Resp: 272954
 Ion Ratio Lower Upper
 82 100
 128 39.5 33.3 49.9
 54 57.5 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037025.D
 Acq: 27 Sep 2018 21:50

Tgt Ion: 164 Resp: 103737
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.7 121.1
 160 45.7 35.3 52.9

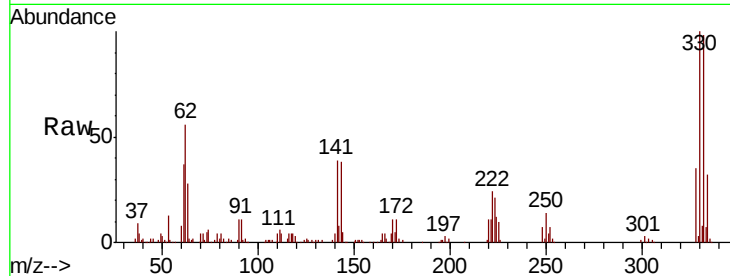




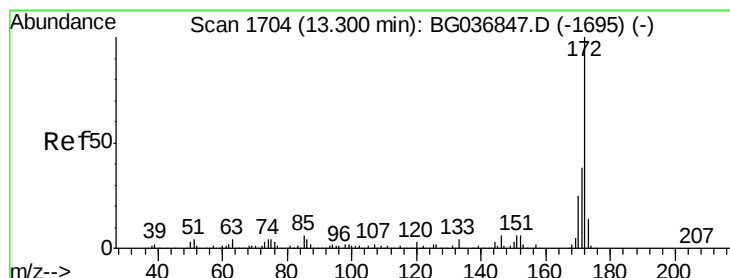
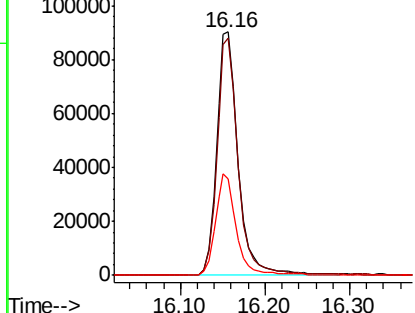
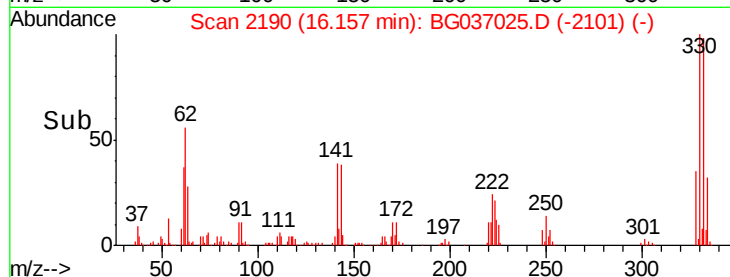
#41
 2,4,6-Tribromophenol
 Concen: 129.114 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037025.D
 Acq: 27 Sep 2018 21:50

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:330 Resp: 160250
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.2
 141 40.4 30.7 46.1

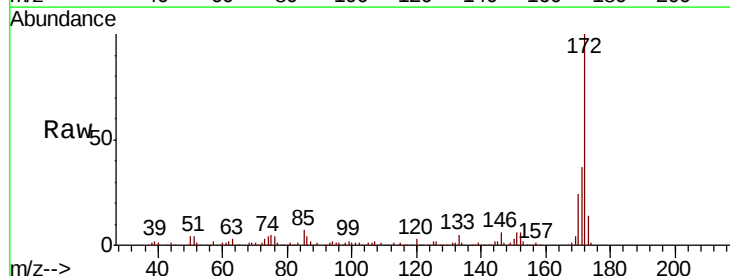


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

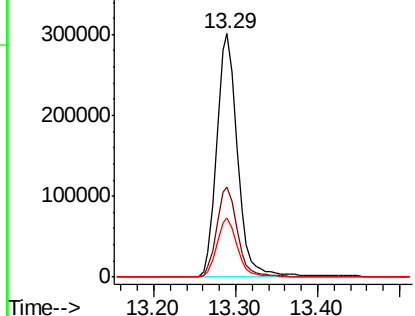
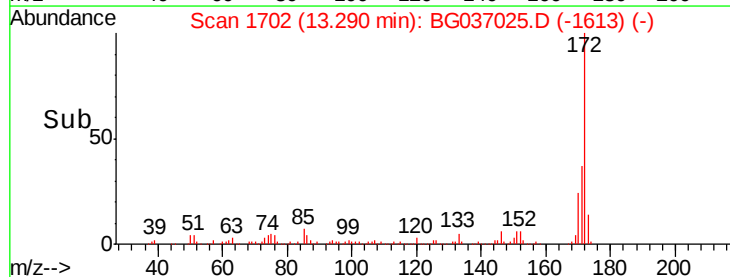


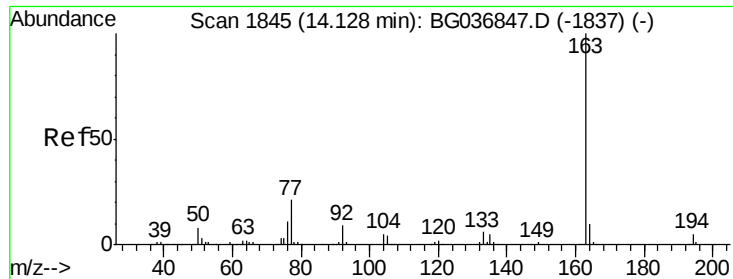
#44
 2-Fluorobiphenyl
 Concen: 77.070 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037025.D
 Acq: 27 Sep 2018 21:50

Tgt Ion:172 Resp: 536795
 Ion Ratio Lower Upper
 172 100
 171 36.8 31.3 46.9
 170 24.4 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: 20.165 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BG037025.D

Acq: 27 Sep 2018 21:50

Instrument :

BNA_G

ClientSampleId :

TP-2

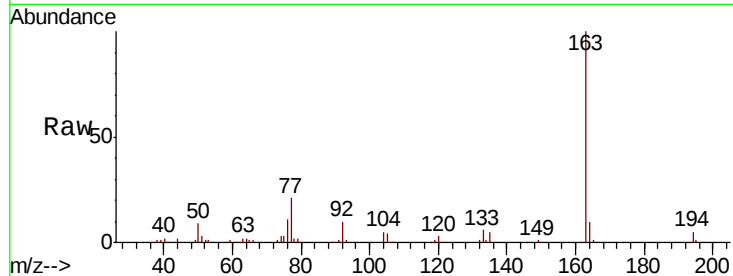
Tgt Ion:163 Resp: 168384

Ion Ratio Lower Upper

163 100

194 4.9 4.0 6.0

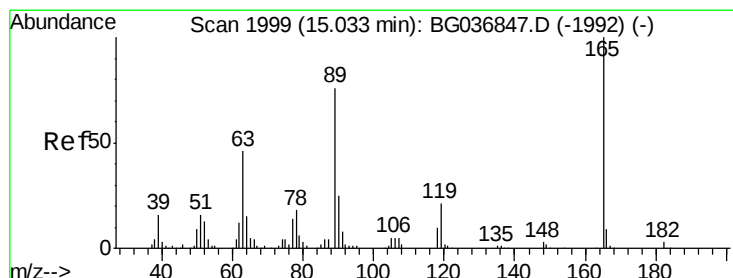
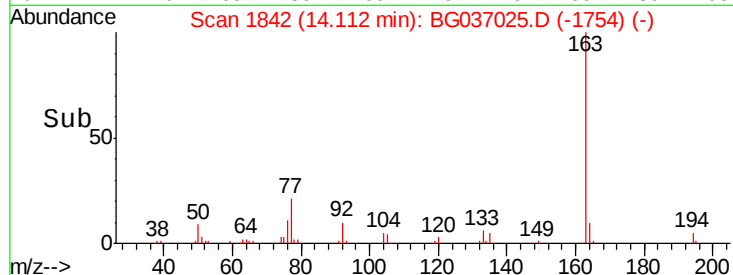
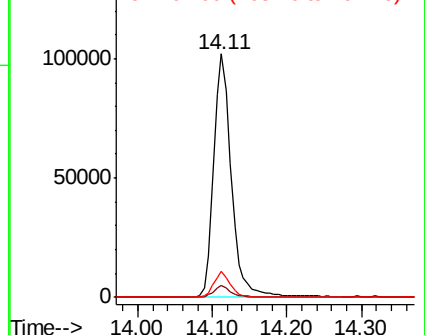
164 10.5 8.1 12.1



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: 5.203 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.37 min

Lab File: BG037025.D

Acq: 27 Sep 2018 21:50

Tgt Ion:165 Resp: 13226

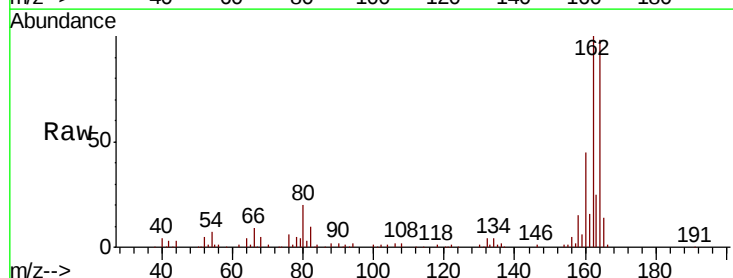
Ion Ratio Lower Upper

165 100

63 0.0 40.1 60.1#

89 0.0 63.7 95.5#

182 0.0 2.5 3.7#

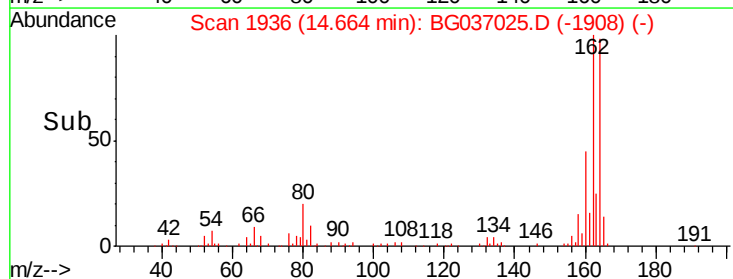
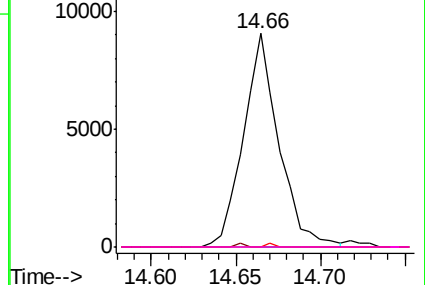


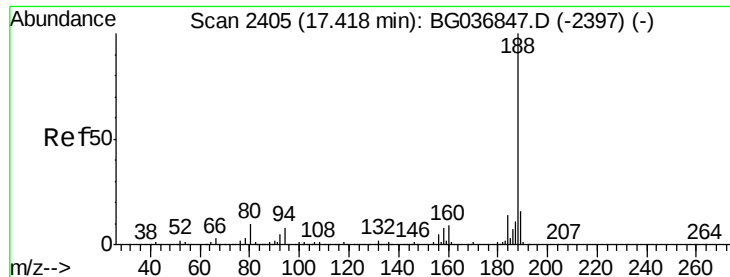
Abundance Ion 165.00 (164.70 to 165.70): E

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# 2403

Delta R.T. -0.01 min

Lab File: BG037025.D

Acq: 27 Sep 2018 21:50

Instrument :

BNA_G

ClientSampleId :

TP-2

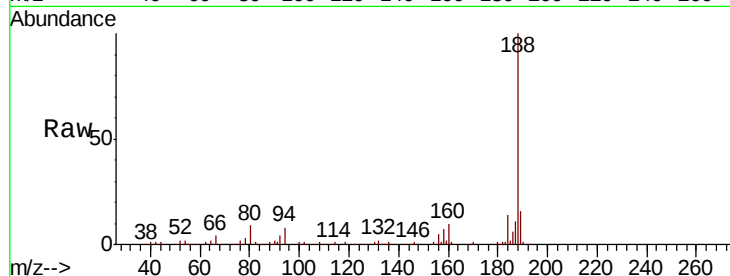
Tgt Ion:188 Resp: 270811

Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

80 8.7 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

200000

150000

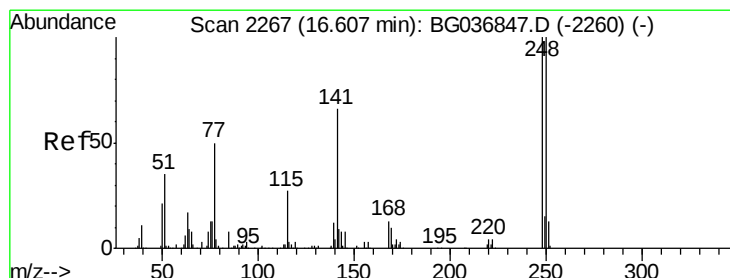
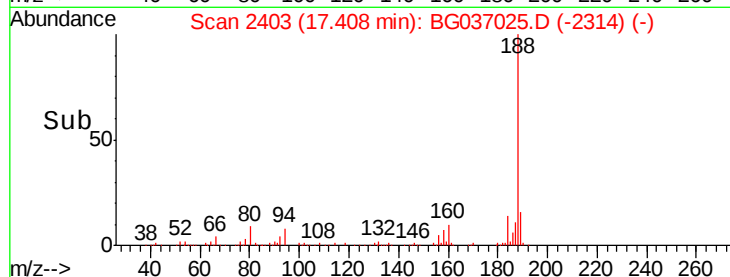
100000

50000

0

17.30 17.40 17.50 17.60

Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.533 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.46 min

Lab File: BG037025.D

Acq: 27 Sep 2018 21:50

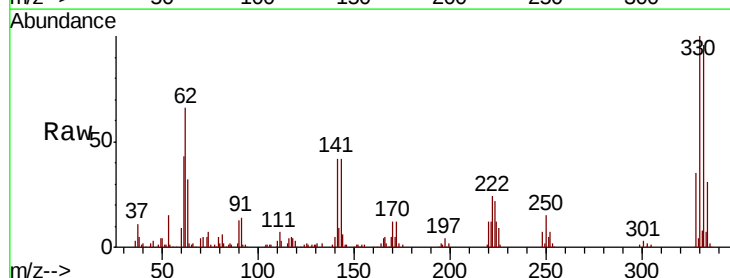
Tgt Ion:248 Resp: 10882

Ion Ratio Lower Upper

248 100

250 212.1 78.1 117.1#

141 582.2 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

50000

40000

30000

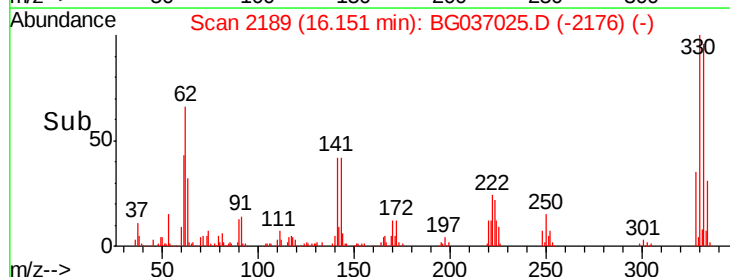
20000

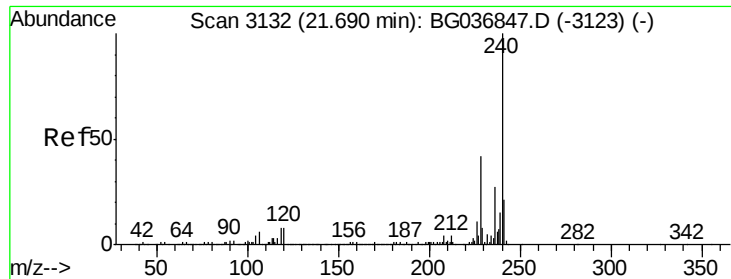
10000

0

16.10 16.15 16.20

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037025.D

Acq: 27 Sep 2018 21:50

Instrument :

BNA_G

ClientSampleId :

TP-2

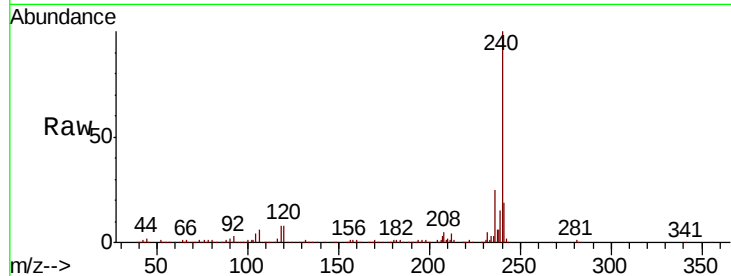
Tgt Ion:240 Resp: 296216

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

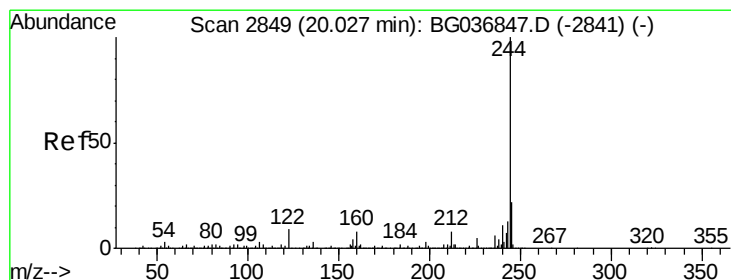
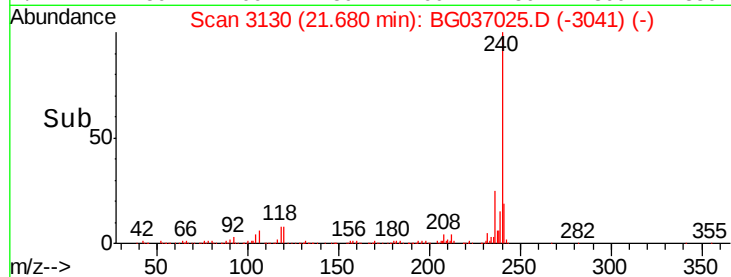
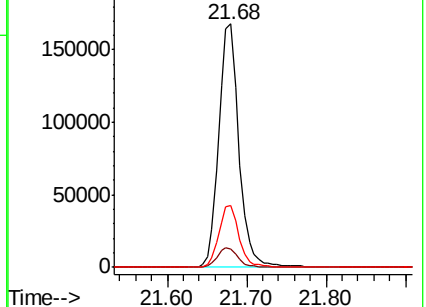
236 25.4 21.2 31.8



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: 82.496 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037025.D

Acq: 27 Sep 2018 21:50

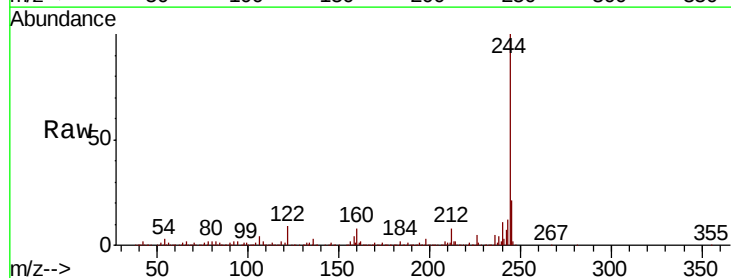
Tgt Ion:244 Resp: 929335

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.6

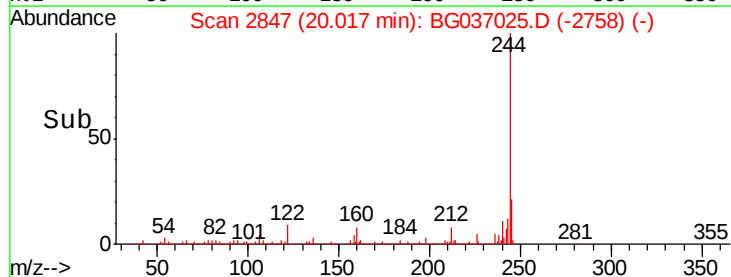
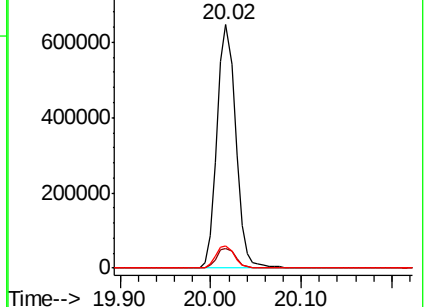
122 9.2 7.1 10.7

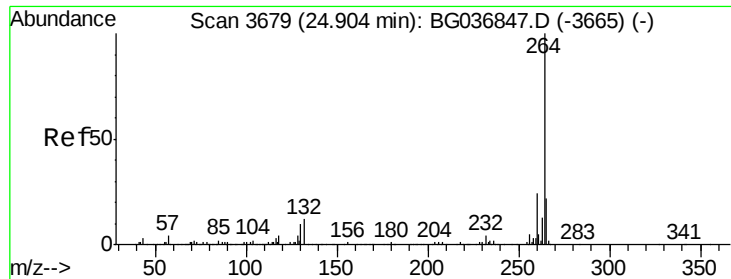


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.88 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037025.D
Acq: 27 Sep 2018 21:50

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	21.6	17.4	26.0

