

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092418\
 Data File : BG036941.D
 Acq On : 25 Sep 2018 6:50
 Operator : JU/SJ
 Sample : J5023-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-PIT-3

Quant Time: Sep 25 07:31:12 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

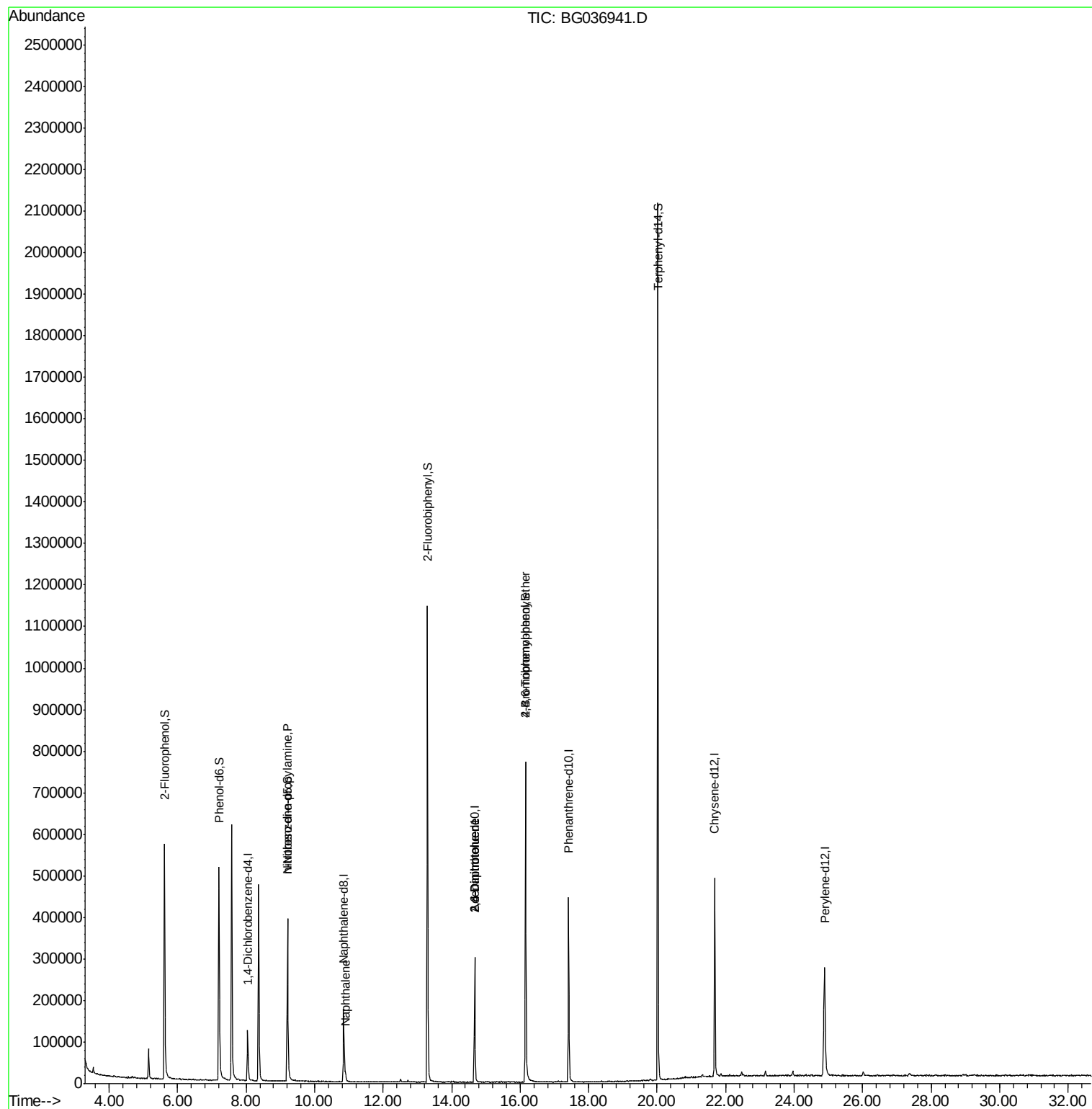
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	39794	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	170851	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	114092	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	299602	20.00	ng	0.00
75) Chrysene-d12	21.68	240	321501	20.00	ng	0.00
86) Perylene-d12	24.89	264	309443	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	266201	128.29	ng	0.00
7) Phenol-d6	7.20	99	333701	103.94	ng	0.00
23) Nitrobenzene-d5	9.21	82	284413	89.15	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	154445	113.14	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	630587	82.32	ng	0.00
78) Terphenyl-d14	20.02	244	1053099	86.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	37042	13.870	ng	# 73
31) Naphthalene	10.90	128	17797	2.189	ng	# 97
50) 2,6-Dinitrotoluene	14.67	165	14793	7.383	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	14793	5.291	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	10809	3.172	ng	# 1

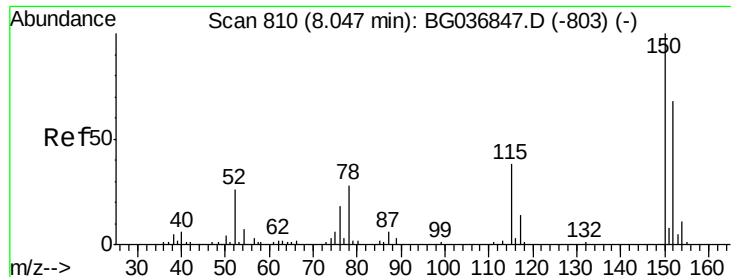
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 24 10:41:23 2018
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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: BG036941.D

Acq: 25 Sep 2018 6:50

Instrument :

BNA_G

ClientSampleId :

NB-PIT-3

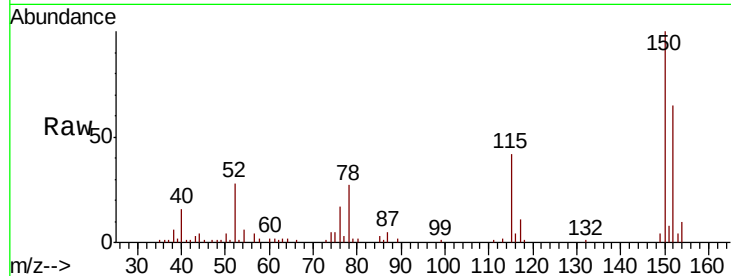
Tgt Ion:152 Resp: 39794

Ion Ratio Lower Upper

152 100

150 153.5 119.5 179.3

115 64.7 44.5 66.7

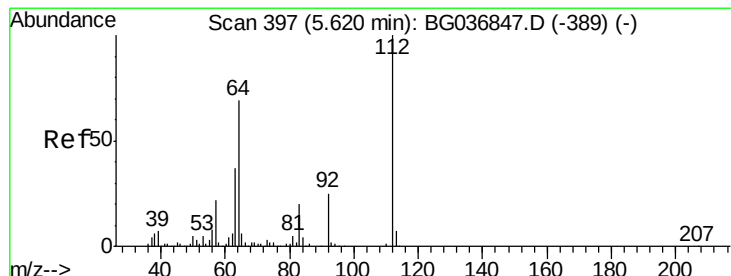
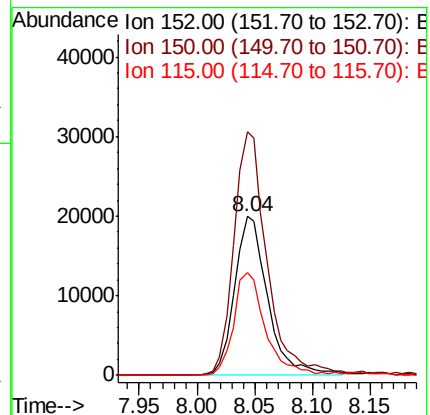
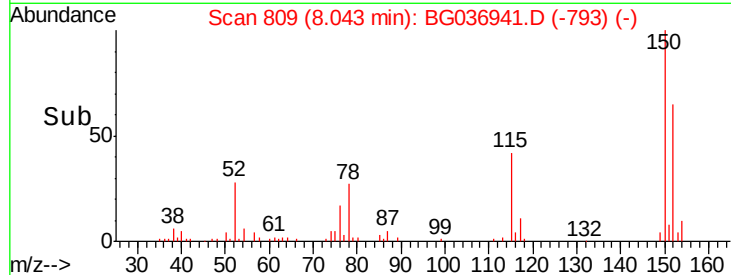


Abundance

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: 128.290 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG036941.D

Acq: 25 Sep 2018 6:50

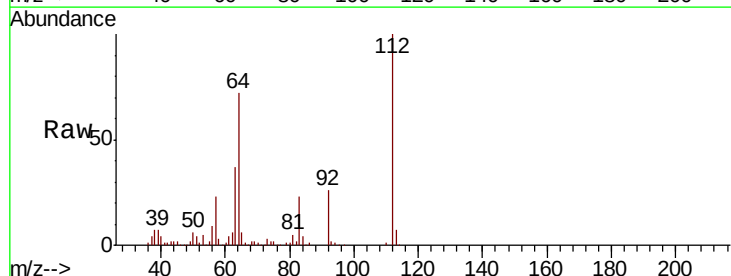
Tgt Ion:112 Resp: 266201

Ion Ratio Lower Upper

112 100

64 72.2 57.2 85.8

63 37.3 30.8 46.2

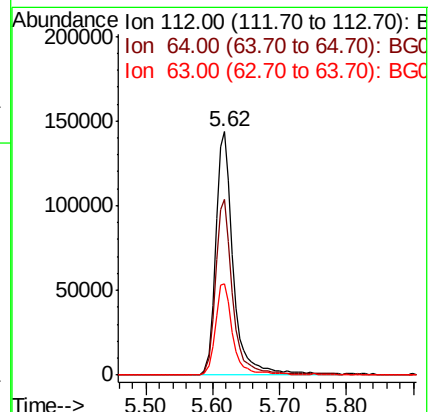
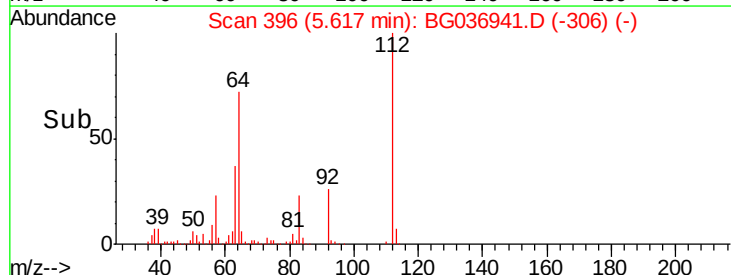


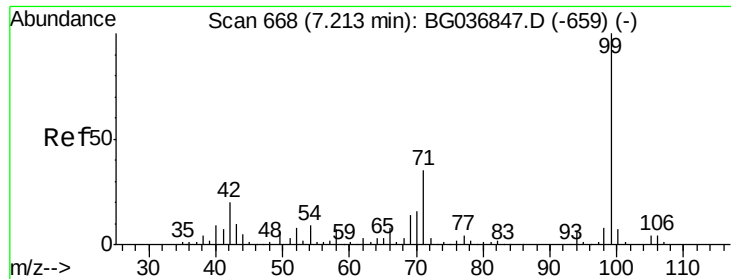
Abundance

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: 103.944 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036941.D

Acq: 25 Sep 2018 6:50

Instrument :

BNA_G

ClientSampled :

NB-PIT-3

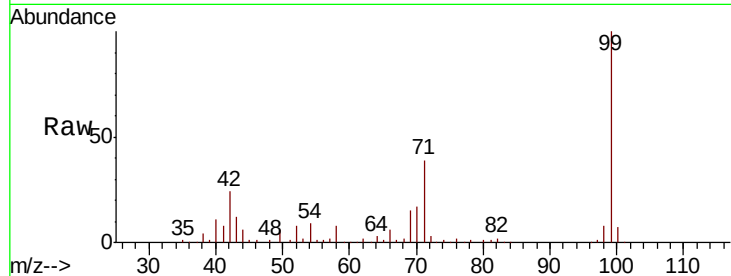
Tgt Ion: 99 Resp: 333701

Ion Ratio Lower Upper

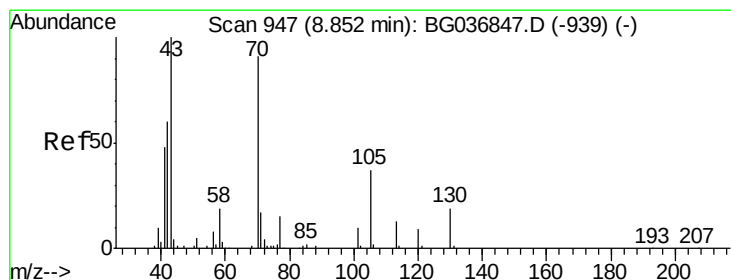
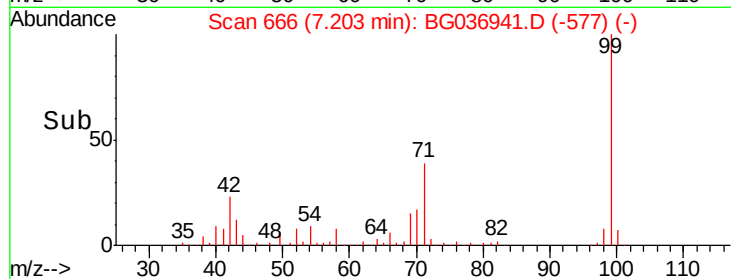
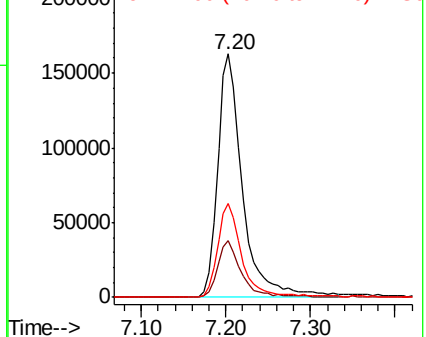
99 100

42 23.5 16.5 24.7

71 38.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.870 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG036941.D

Acq: 25 Sep 2018 6:50

Tgt Ion: 70 Resp: 37042

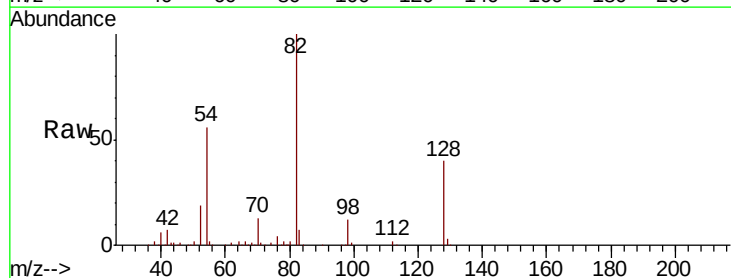
Ion Ratio Lower Upper

70 100

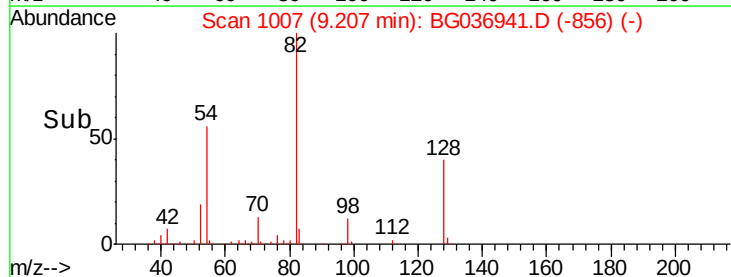
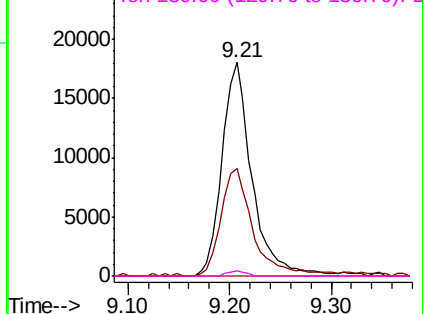
42 50.4 56.2 84.4#

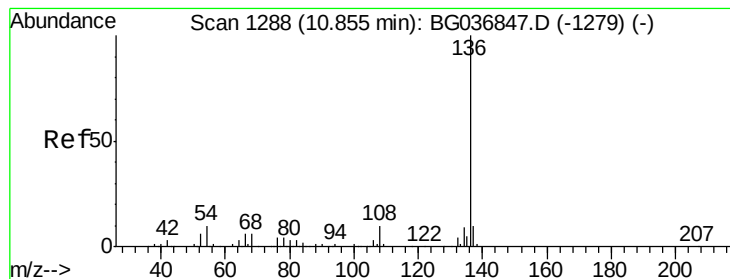
101 0.0 7.8 11.6#

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: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG036941.D

Acq: 25 Sep 2018 6:50

Instrument :

BNA_G

ClientSampleId :

NB-PIT-3

Tgt Ion: 136 Resp: 170851

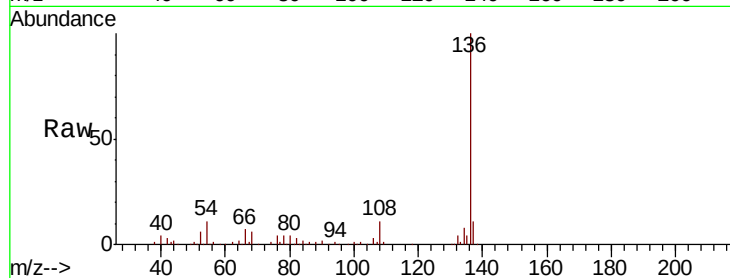
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 11.4 9.2 13.8

68 6.1 5.8 8.6

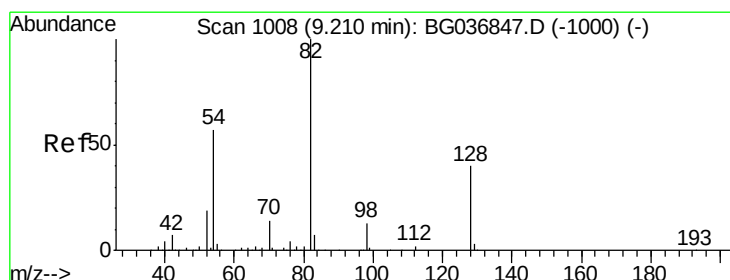
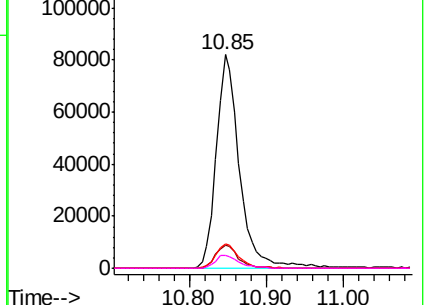
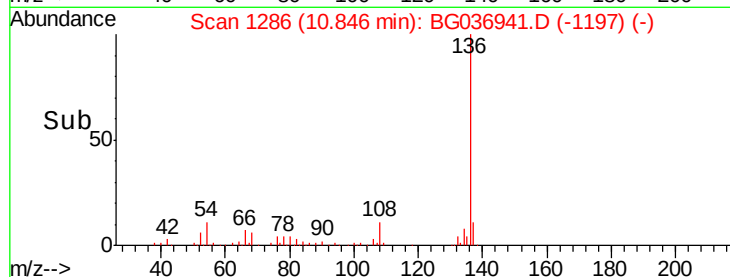


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.146 ng

RT: 9.21 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BG036941.D

Acq: 25 Sep 2018 6:50

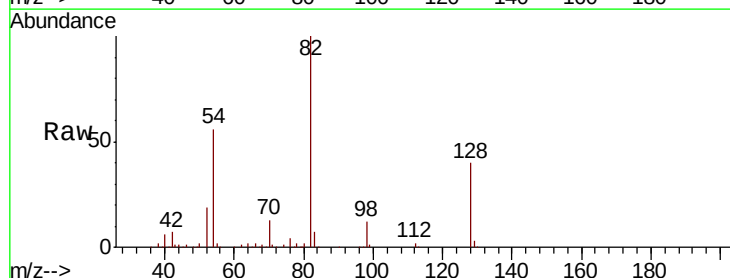
Tgt Ion: 82 Resp: 284413

Ion Ratio Lower Upper

82 100

128 39.7 33.3 49.9

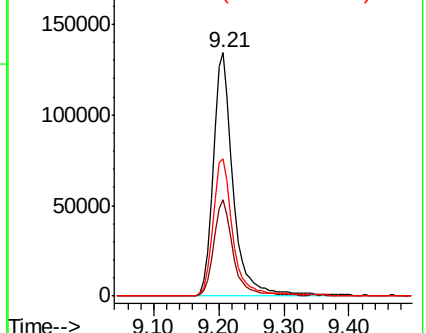
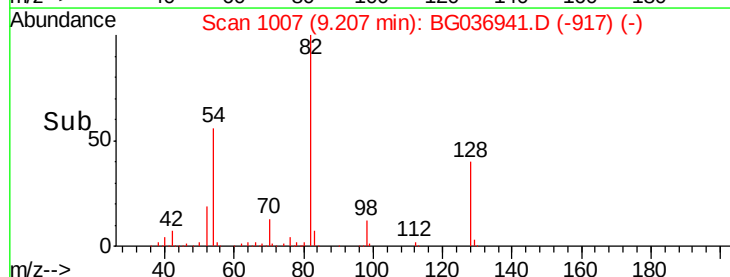
54 56.2 45.1 67.7

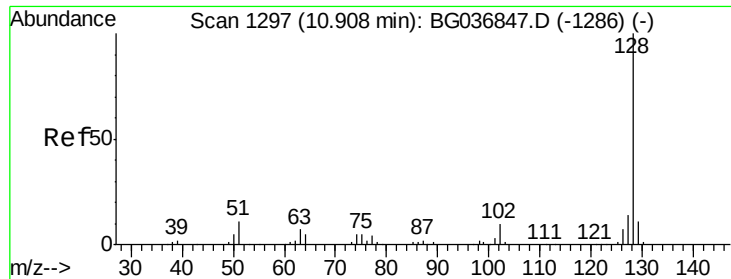


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

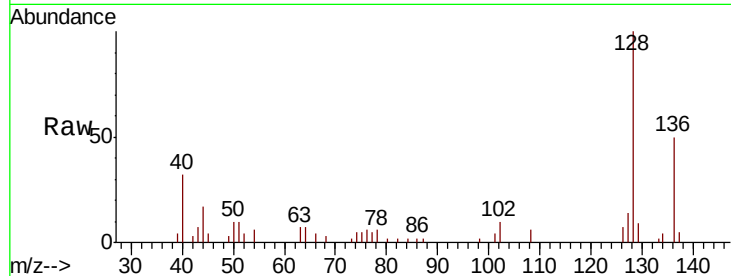




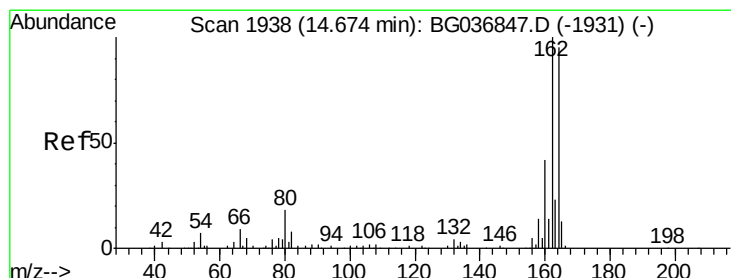
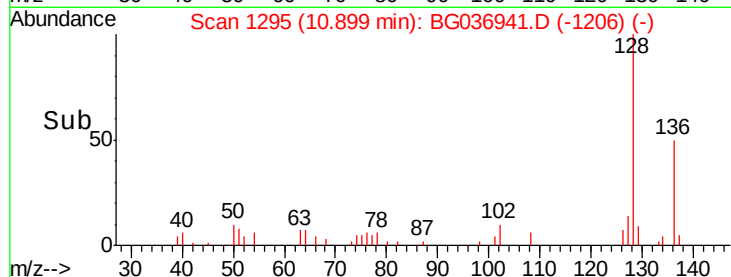
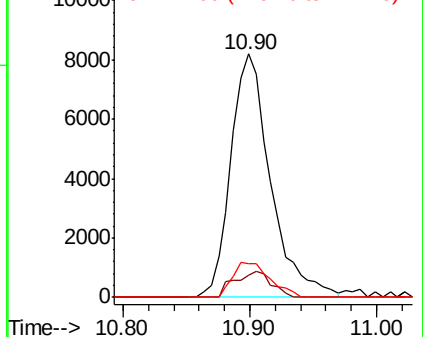
#31
Naphthalene
Concen: 2.189 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036941.D
Acq: 25 Sep 2018 6:50

Instrument :
BNA_G
ClientSampleId :
NB-PIT-3

Tgt Ion:128 Resp: 17797
Ion Ratio Lower Upper
128 100
129 9.2 9.4 14.2#
127 13.7 11.0 16.4

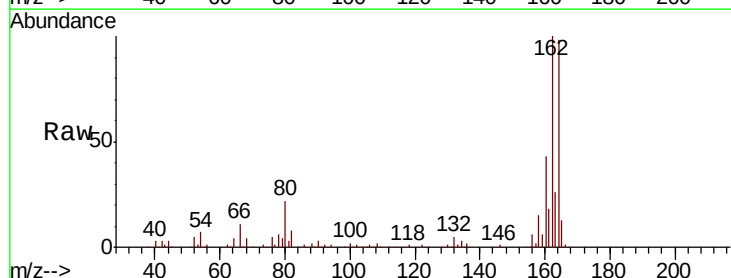


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

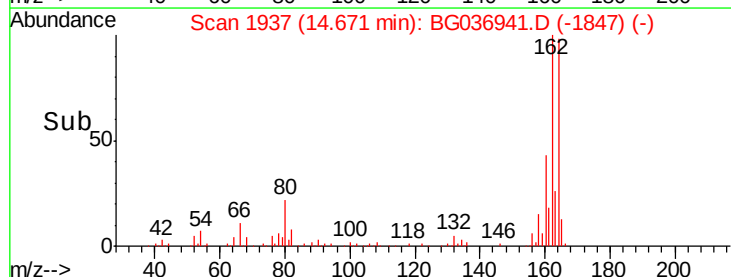
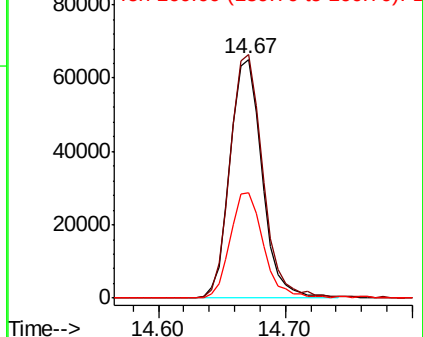


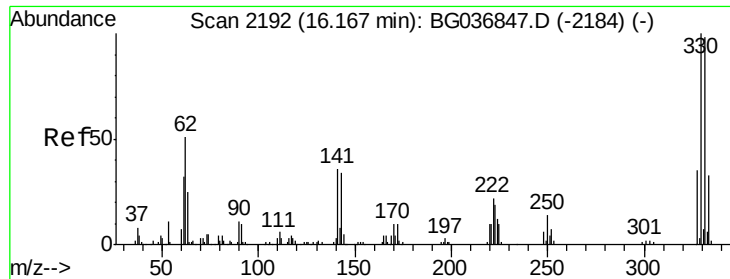
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036941.D
Acq: 25 Sep 2018 6:50

Tgt Ion:164 Resp: 114092
Ion Ratio Lower Upper
164 100
162 102.0 80.7 121.1
160 44.1 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

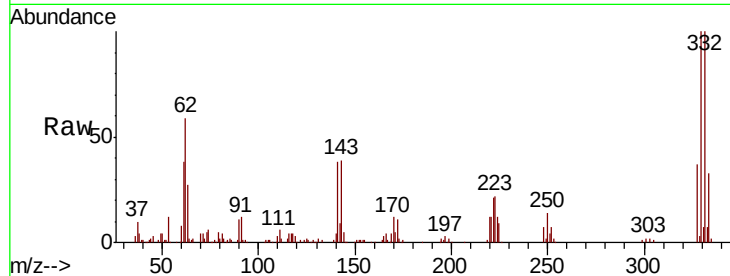




#41
 2,4,6-Tribromophenol
 Concen: 113.143 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036941.D
 Acq: 25 Sep 2018 6:50

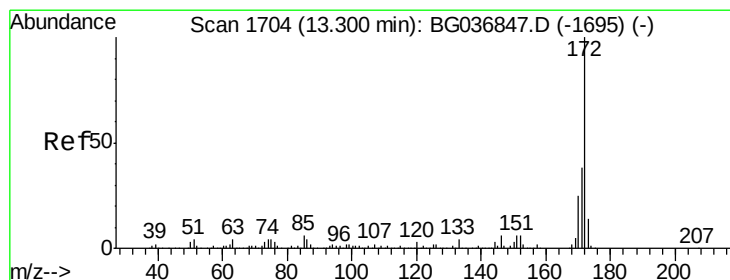
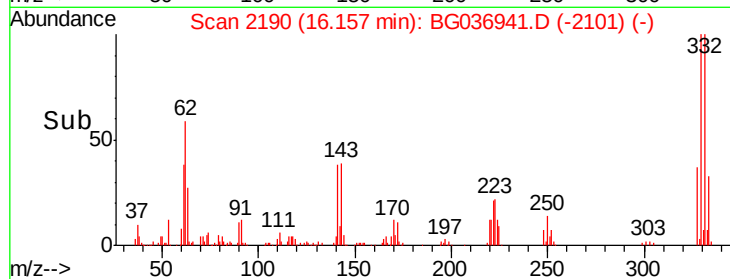
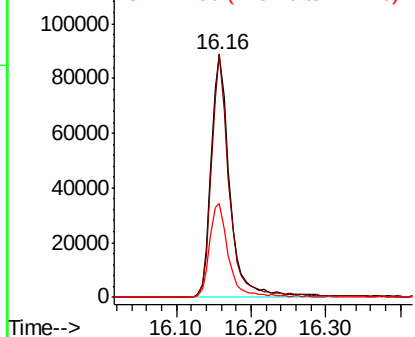
Instrument :
 BNA_G
 ClientSampleId :
 NB-PIT-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.4	113.2
141	38.8	30.7	46.1



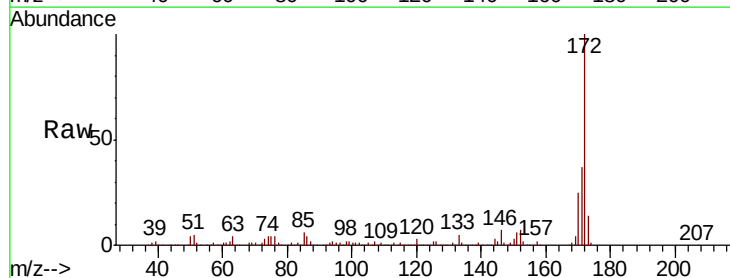
Abundance

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



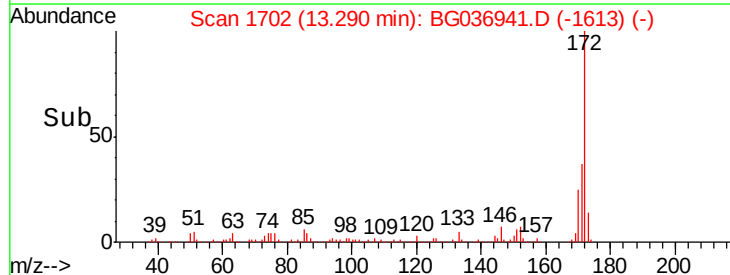
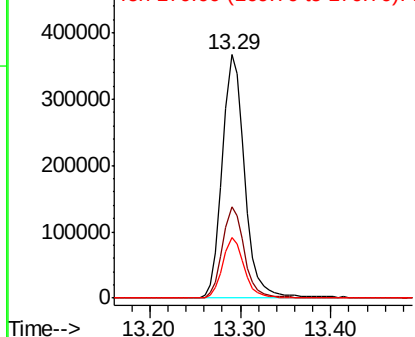
#44
 2-Fluorobiphenyl
 Concen: 82.319 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036941.D
 Acq: 25 Sep 2018 6:50

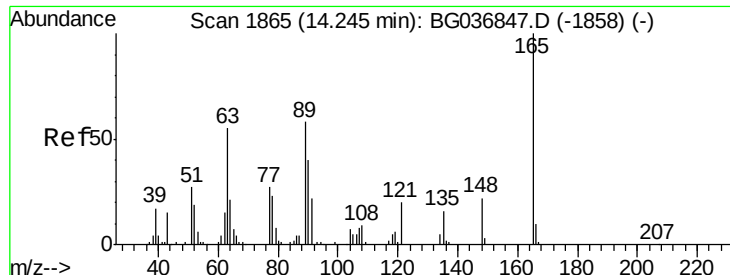
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.3	46.9
170	25.1	21.0	31.6



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

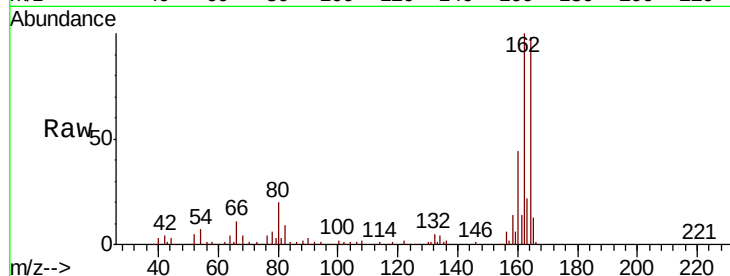




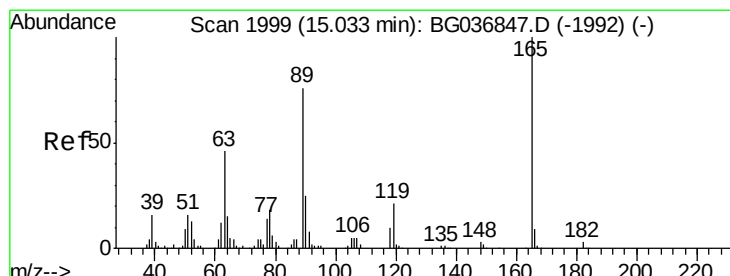
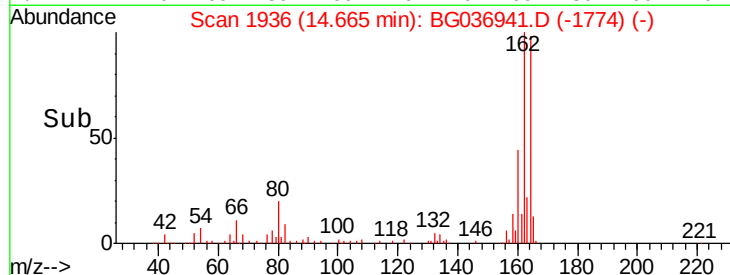
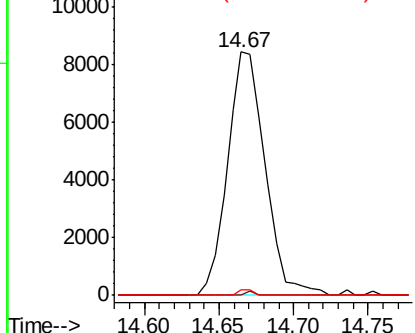
#50
2,6-Dinitrotoluene
Concen: 7.383 ng
RT: 14.67 min Scan# 1936
Delta R.T. 0.42 min
Lab File: BG036941.D
Acq: 25 Sep 2018 6:50

Instrument :
BNA_G
ClientSampleId :
NB-PIT-3

Tgt Ion:165 Resp: 14793
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 2.5 47.8 71.6#

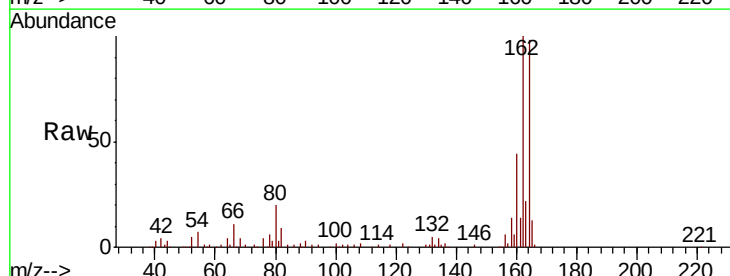


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

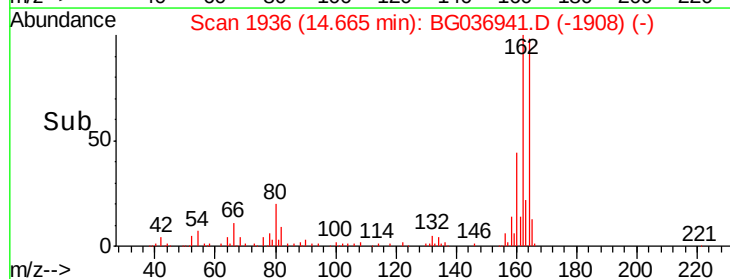
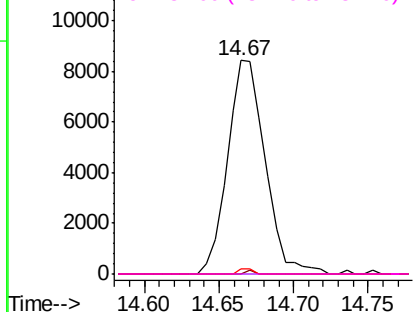


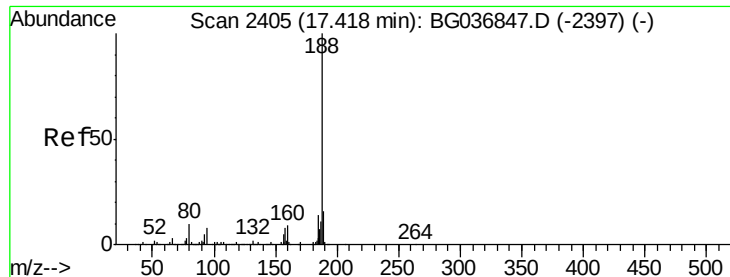
#56
2,4-Dinitrotoluene
Concen: 5.291 ng
RT: 14.67 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG036941.D
Acq: 25 Sep 2018 6:50

Tgt Ion:165 Resp: 14793
Ion Ratio Lower Upper
165 100
63 0.0 40.1 60.1#
89 2.5 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: BG036941.D

Acq: 25 Sep 2018 6:50

Instrument :

BNA_G

ClientSampleId :

NB-PIT-3

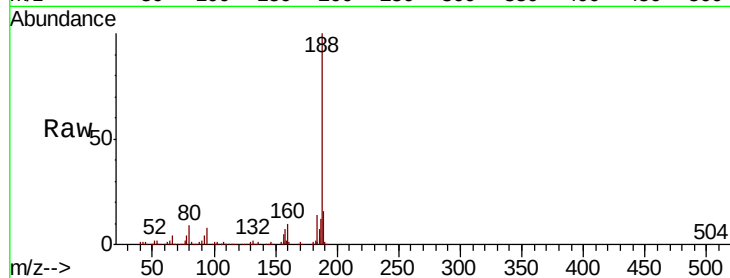
Tgt Ion:188 Resp: 299602

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

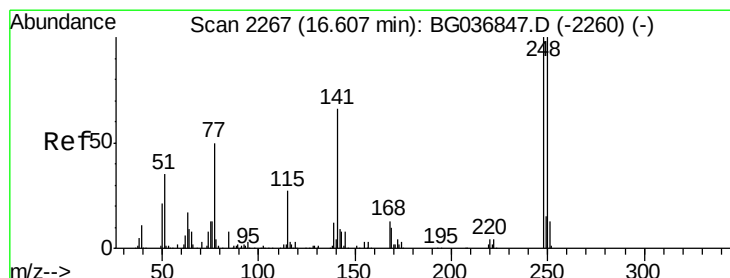
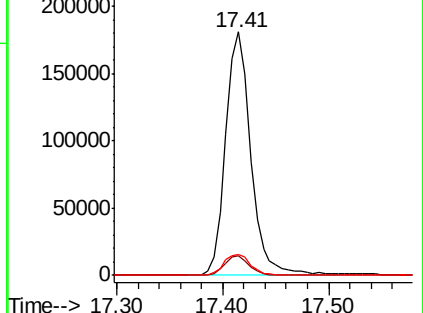
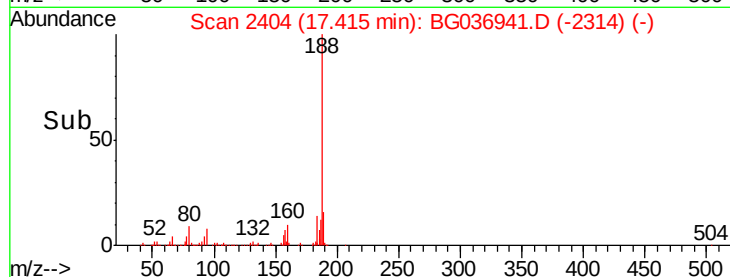
80 8.8 8.1 12.1



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



#66

4-Bromophenyl-phenylether

Concen: 3.172 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.45 min

Lab File: BG036941.D

Acq: 25 Sep 2018 6:50

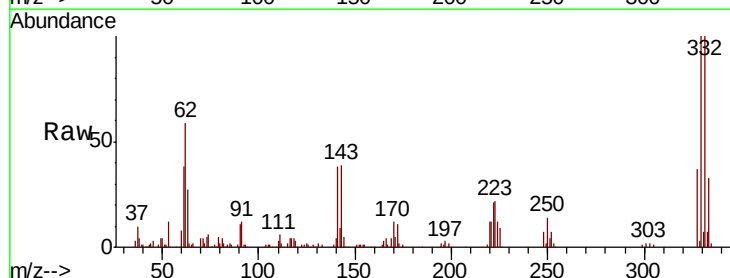
Tgt Ion:248 Resp: 10809

Ion Ratio Lower Upper

248 100

250 197.0 78.1 117.1#

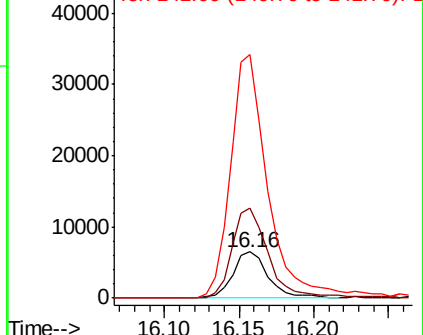
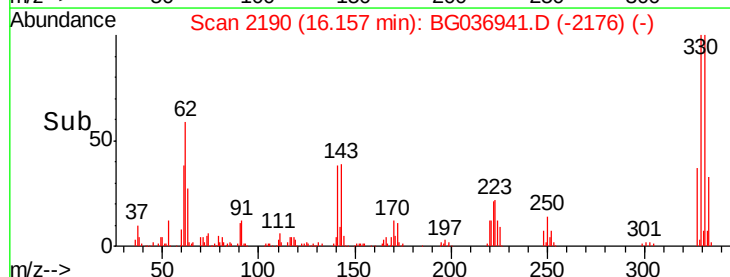
141 530.3 53.7 80.5#

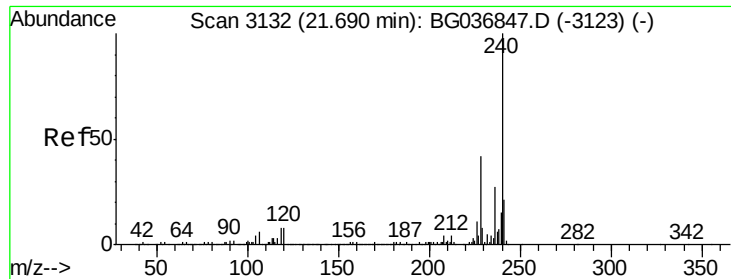


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG036941.D

Acq: 25 Sep 2018 6:50

Instrument :

BNA_G

ClientSampleId :

NB-PIT-3

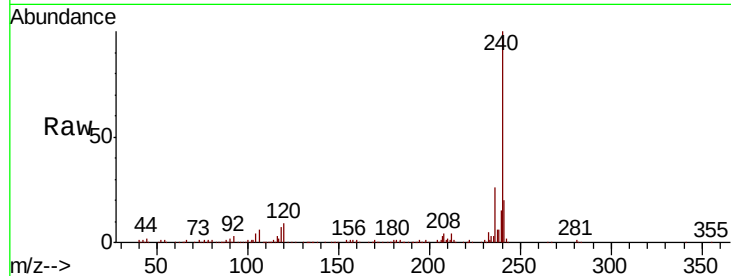
Tgt Ion:240 Resp: 321501

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

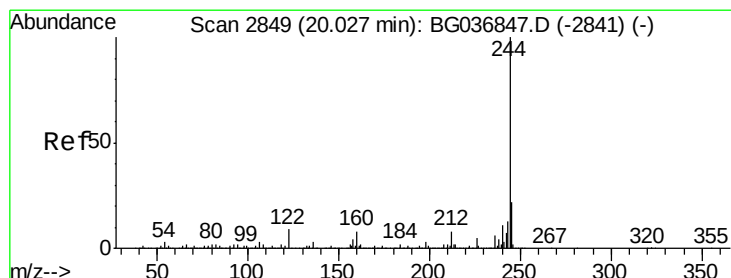
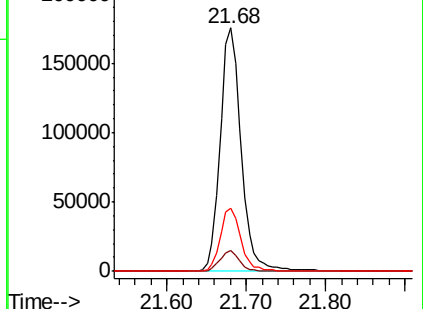
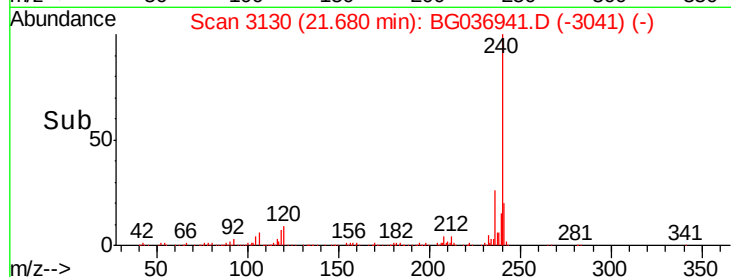
236 25.9 21.2 31.8



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: 86.131 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036941.D

Acq: 25 Sep 2018 6:50

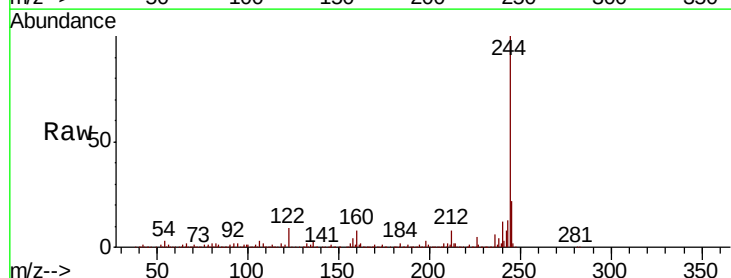
Tgt Ion:244 Resp: 1053099

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

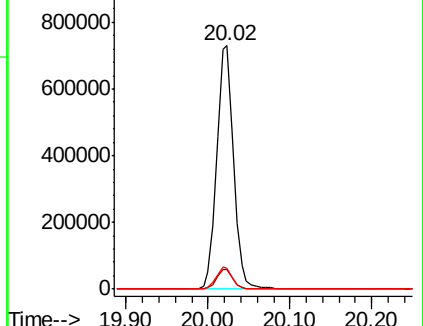
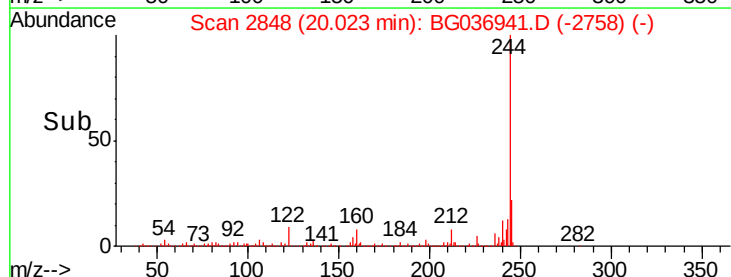
122 8.5 7.1 10.7

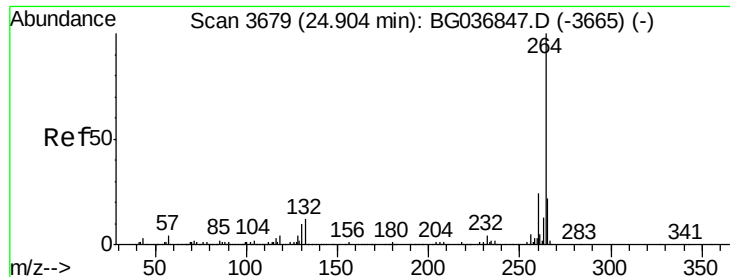


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3676
Delta R.T. -0.02 min
Lab File: BG036941.D
Acq: 25 Sep 2018 6:50

Instrument :
BNA_G
ClientSampleId :
NB-PIT-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.9	17.4	26.0

