

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092818\
 Data File : BG037064.D
 Acq On : 29 Sep 2018 00:15
 Operator : JU/SJ
 Sample : J5084-24
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-11(TW-3)

Quant Time: Sep 29 06:13:52 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

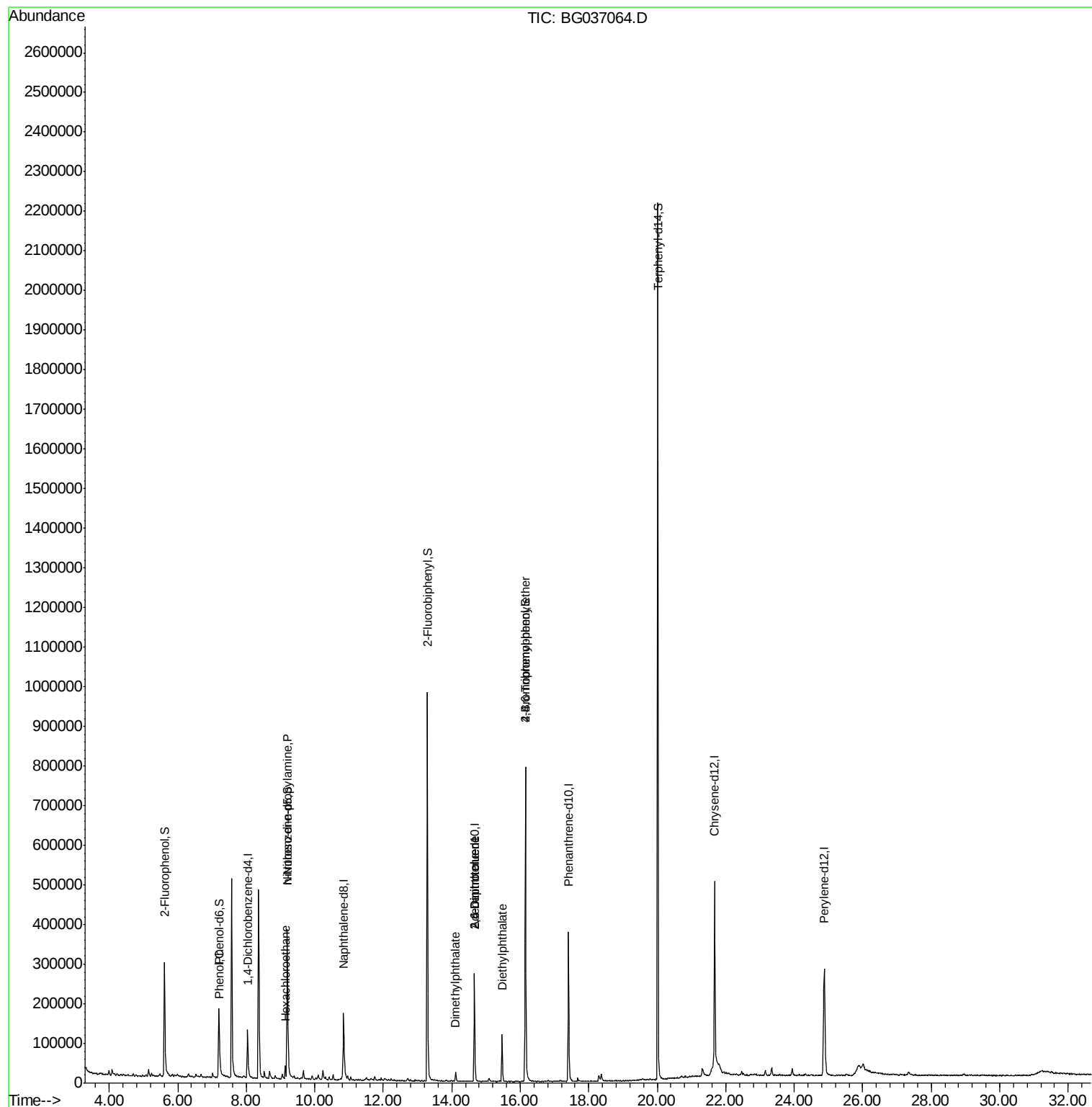
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	39611	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	161804	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	99801	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	264182	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	301623	20.00	ng	-0.02
86) Perylene-d12	24.88	264	305965	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	150319	72.78	ng	0.00
7) Phenol-d6	7.20	99	126552	39.60	ng	-0.01
23) Nitrobenzene-d5	9.20	82	273538	90.53	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	155037	129.84	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	560719	83.68	ng	-0.01
78) Terphenyl-d14	20.02	244	1051664	91.68	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	9313	2.824	ng	82
18) Hexachloroethane	9.14	117	3040	2.745	ng	# 1
19) n-Nitroso-di-n-propylamine	9.21	70	36426	13.702	ng	# 73
49) Dimethylphthalate	14.11	163	19429	2.419	ng	99
50) 2,6-Dinitrotoluene	14.66	165	12469	7.114	ng	# 20
56) 2,4-Dinitrotoluene	14.66	165	12469	5.098	ng	# 18
59) Diethylphthalate	15.47	149	73646	9.089	ng	99
66) 4-Bromophenyl-phenylether	16.15	248	10589	3.524	ng	# 1

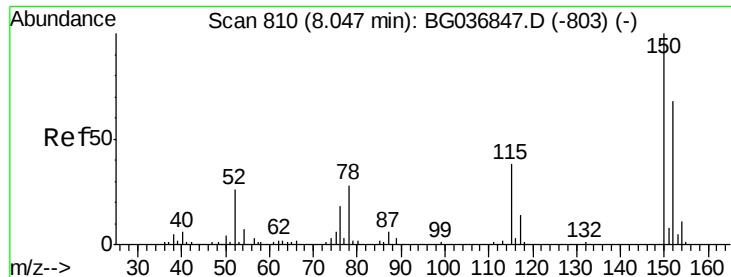
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG037064.D

Acq: 29 Sep 2018 00:15

Instrument :

BNA_G

ClientSampleId :

B-11(TW-3)

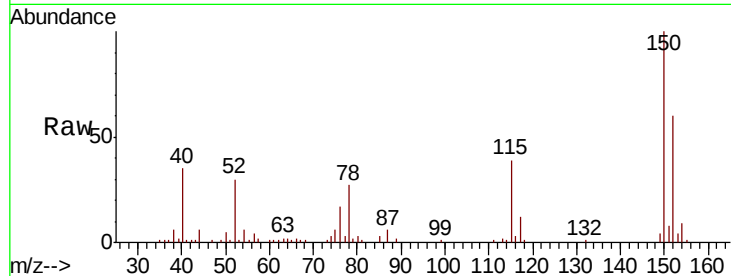
Tgt Ion:152 Resp: 39611

Ion Ratio Lower Upper

152 100

150 167.6 119.5 179.3

115 65.6 44.5 66.7

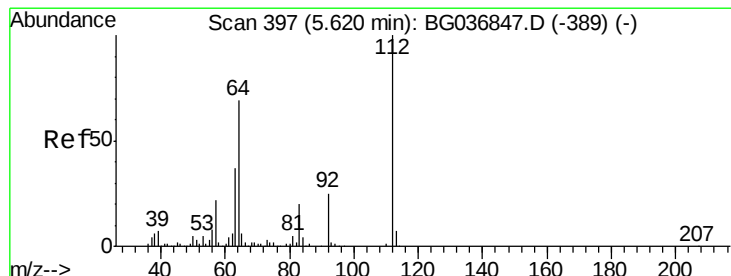
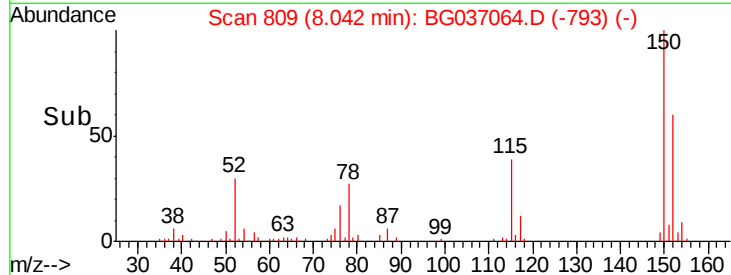
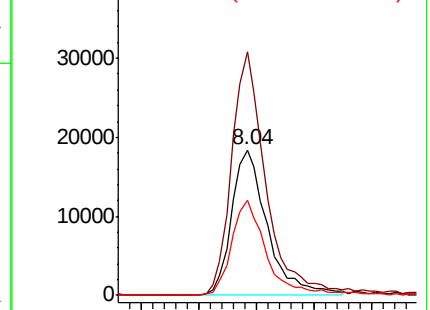


Abundance

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: 72.778 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG037064.D

Acq: 29 Sep 2018 00:15

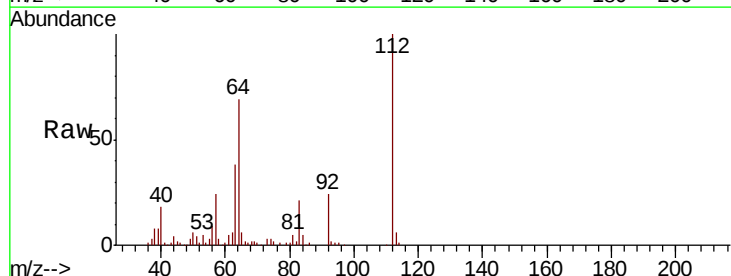
Tgt Ion:112 Resp: 150319

Ion Ratio Lower Upper

112 100

64 68.8 57.2 85.8

63 38.2 30.8 46.2

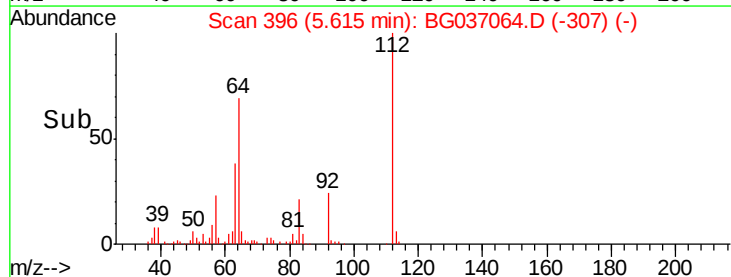
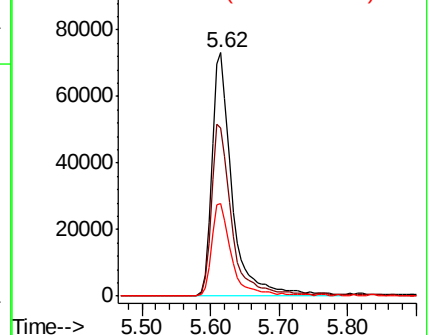


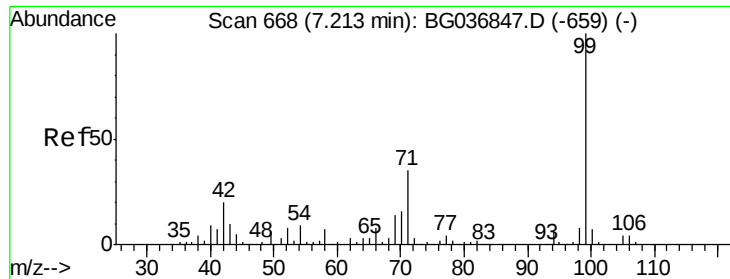
Abundance

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: 39.602 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037064.D

Acq: 29 Sep 2018 00:15

Instrument :

BNA_G

ClientSampleId :

B-11(TW-3)

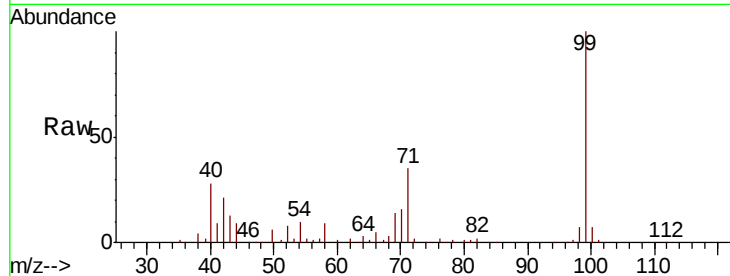
Tgt Ion: 99 Resp: 126552

Ion Ratio Lower Upper

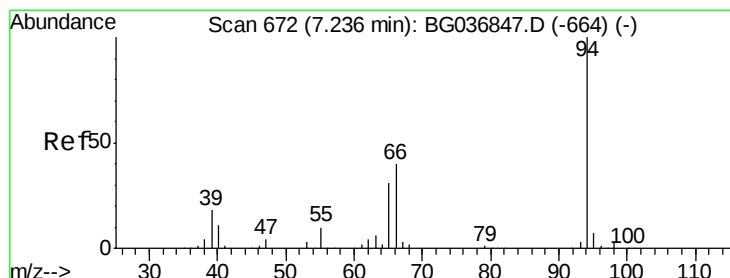
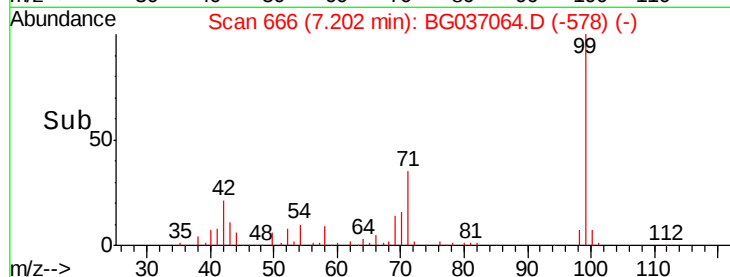
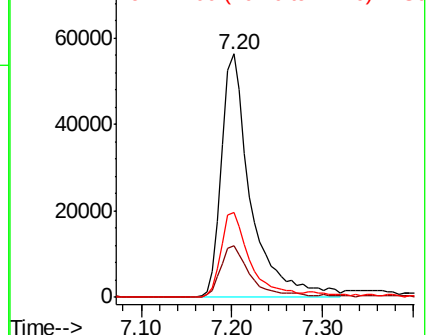
99 100

42 21.1 16.5 24.7

71 34.7 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: 2.824 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG037064.D

Acq: 29 Sep 2018 00:15

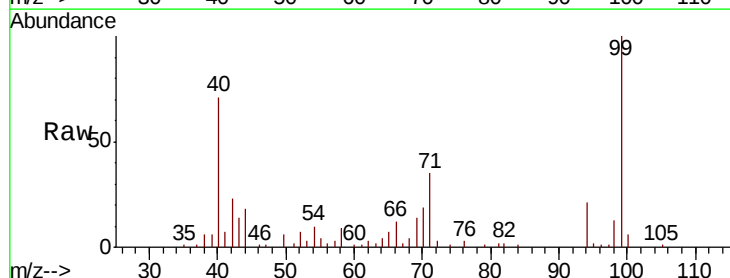
Tgt Ion: 94 Resp: 9313

Ion Ratio Lower Upper

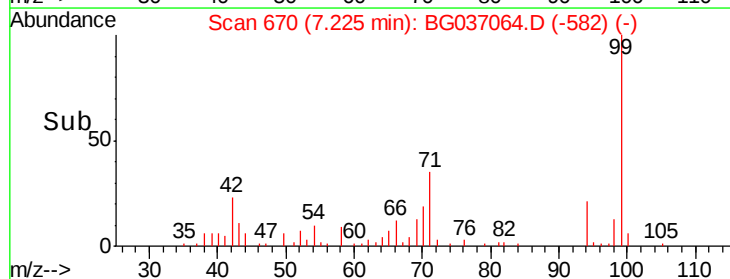
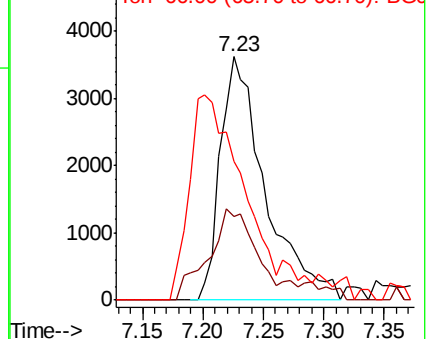
94 100

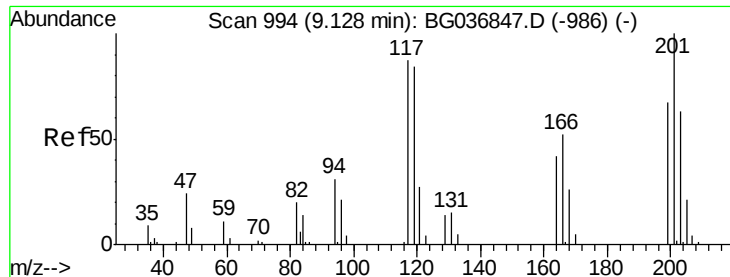
65 34.3 11.5 51.5

66 57.0 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

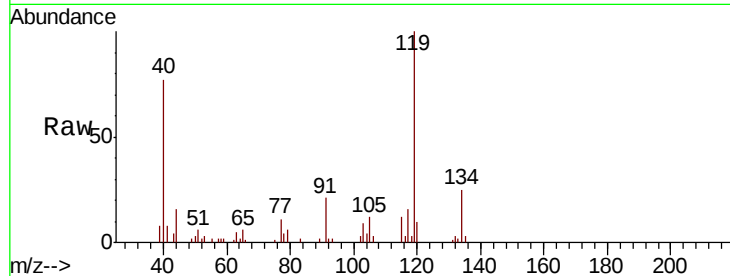




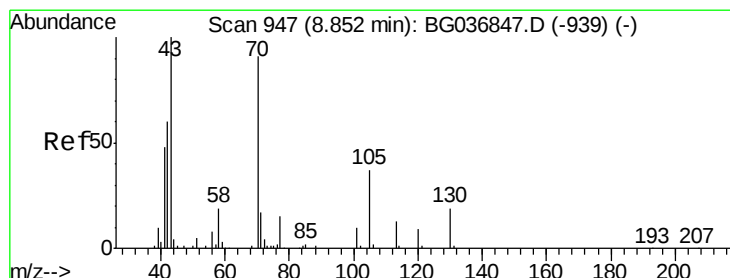
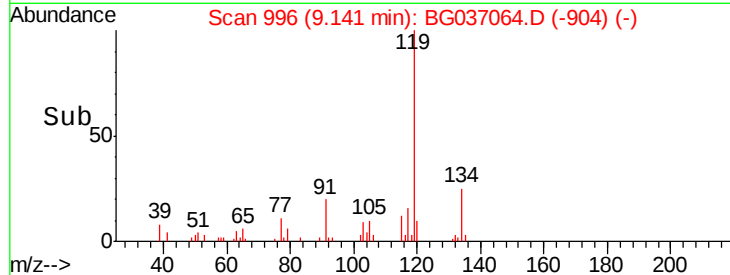
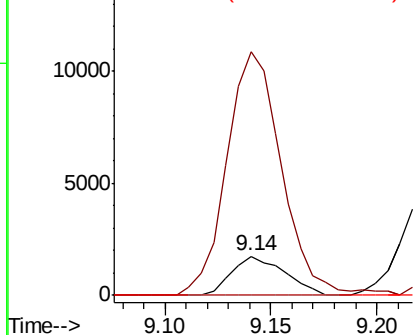
#18
Hexachloroethane
Concen: 2.745 ng
RT: 9.14 min Scan# 996
Delta R.T. 0.01 min
Lab File: BG037064.D
Acq: 29 Sep 2018 00:15

Instrument :
BNA_G
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B-11(TW-3)

Tgt Ion: 117 Resp: 3040
Ion Ratio Lower Upper
117 100
119 627.9 76.8 115.2#
201 0.0 85.7 128.5#

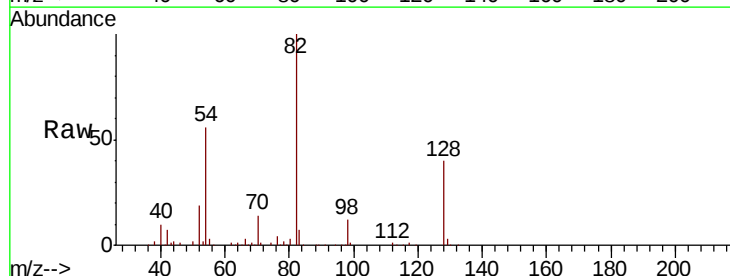


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

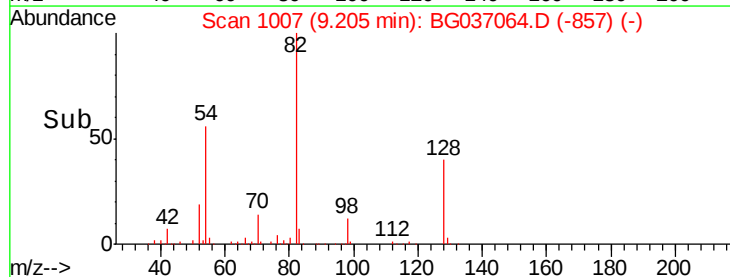
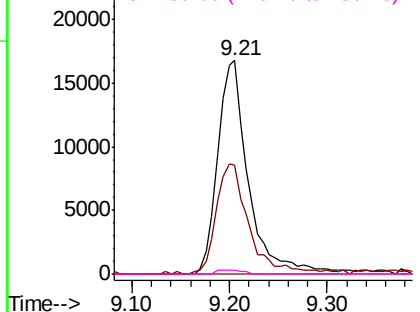


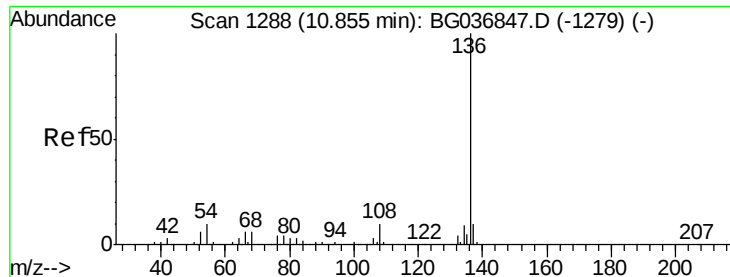
#19
n-Nitroso-di-n-propylamine
Concen: 13.702 ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.35 min
Lab File: BG037064.D
Acq: 29 Sep 2018 00:15

Tgt Ion: 70 Resp: 36426
Ion Ratio Lower Upper
70 100
42 50.9 56.2 84.4#
101 0.0 7.8 11.6#
130 1.9 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): E
Ion 130.00 (129.70 to 130.70): E

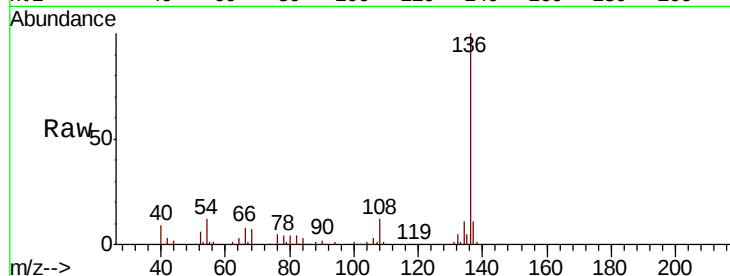




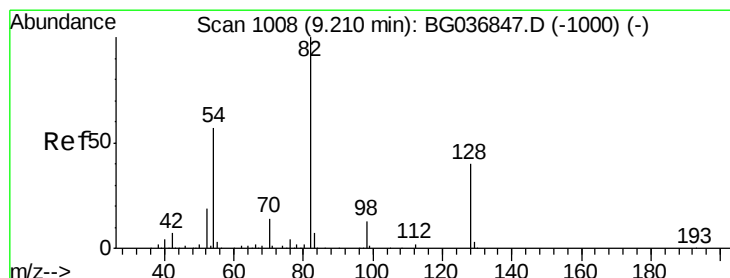
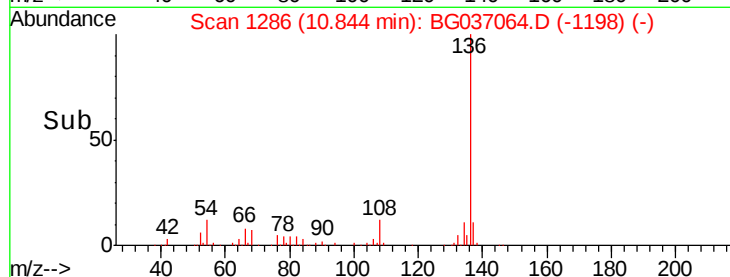
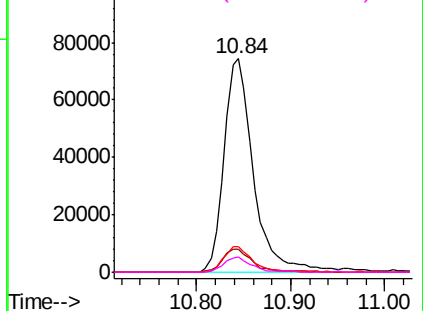
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037064.D
Acq: 29 Sep 2018 00:15

Instrument :
BNA_G
ClientSampleId :
B-11(TW-3)

Tgt Ion:	136	Resp:	161804
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	12.0	9.2	13.8
68	6.9	5.8	8.6

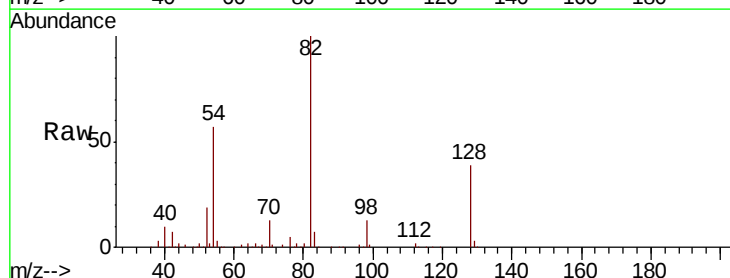


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

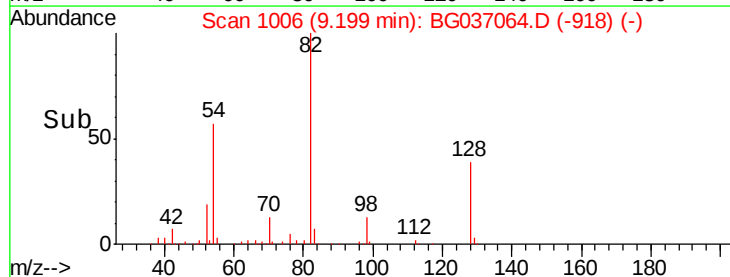
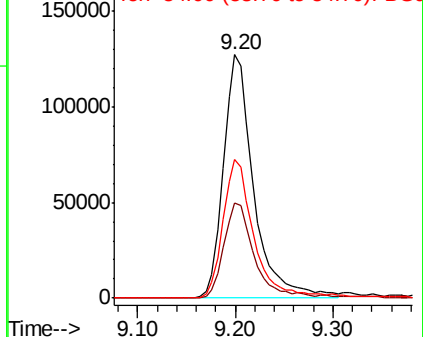


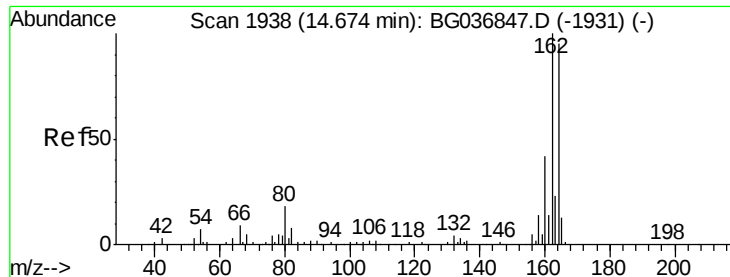
#23
Nitrobenzene-d5
Concen: 90.531 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037064.D
Acq: 29 Sep 2018 00:15

Tgt Ion:	82	Resp:	273538
Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.3	49.9
54	56.8	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: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037064.D

Acq: 29 Sep 2018 00:15

Instrument :

BNA_G

ClientSampleId :

B-11(TW-3)

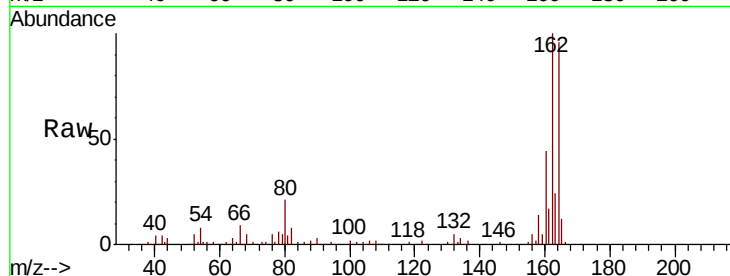
Tgt Ion:164 Resp: 99801

Ion Ratio Lower Upper

164 100

162 104.0 80.7 121.1

160 45.5 35.3 52.9

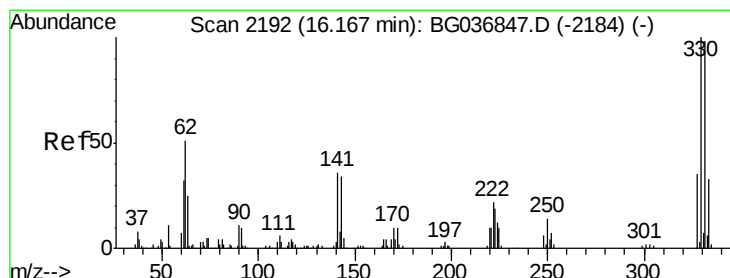
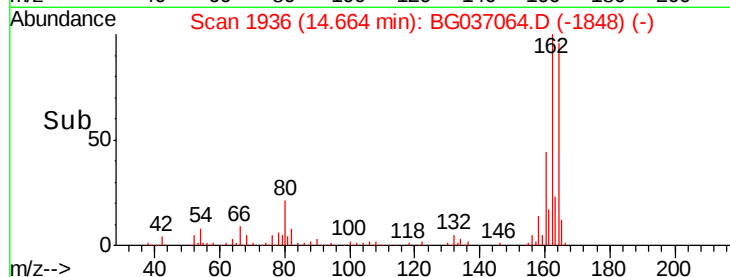
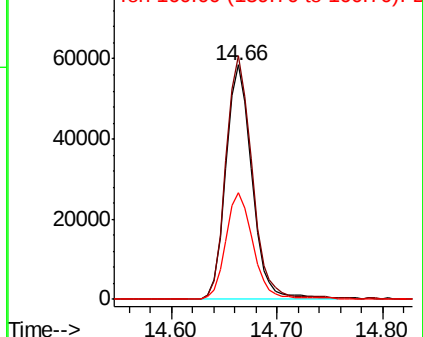


Abundance

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: 129.840 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037064.D

Acq: 29 Sep 2018 00:15

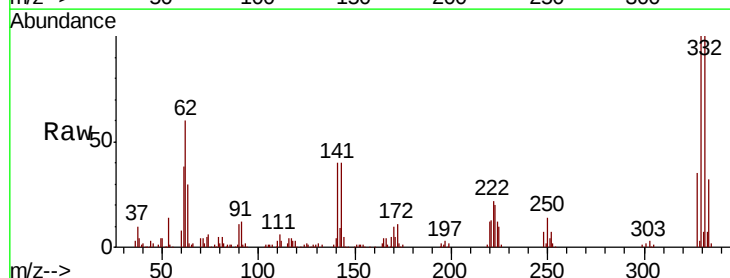
Tgt Ion:330 Resp: 155037

Ion Ratio Lower Upper

330 100

332 96.1 75.4 113.2

141 41.4 30.7 46.1

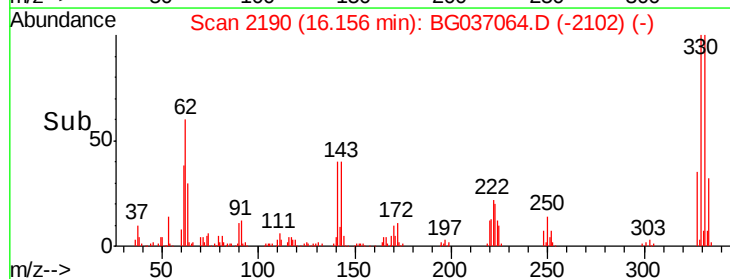
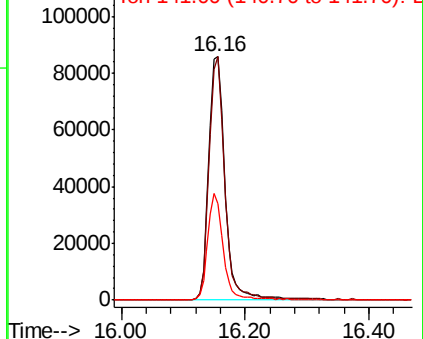


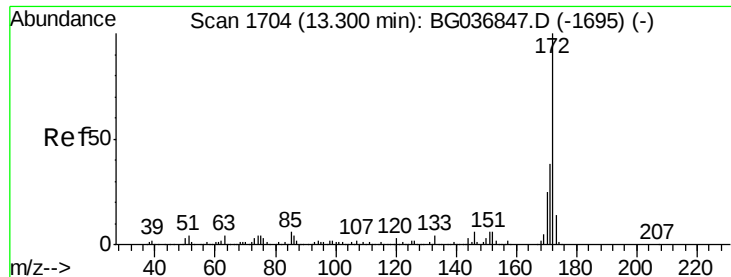
Abundance

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

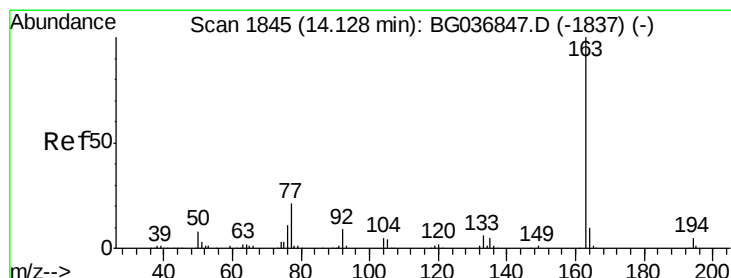
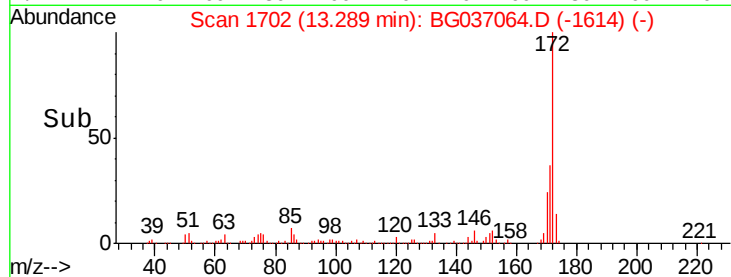
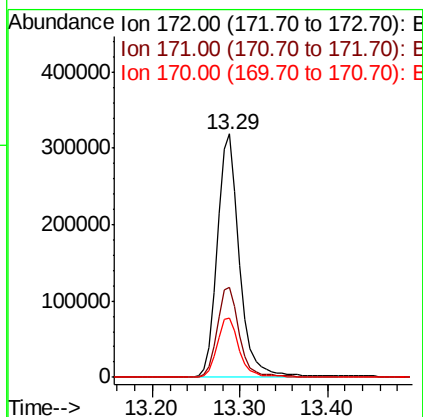
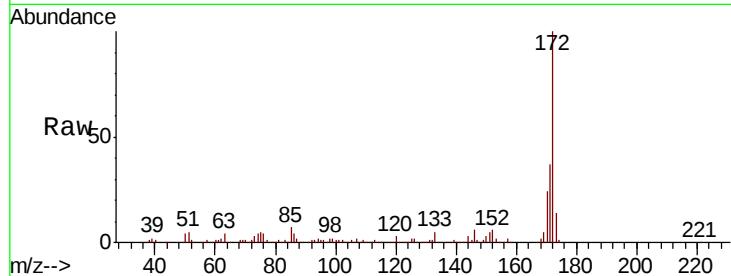




#44
2-Fluorobiphenyl
Concen: 83.679 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037064.D
Acq: 29 Sep 2018 00:15

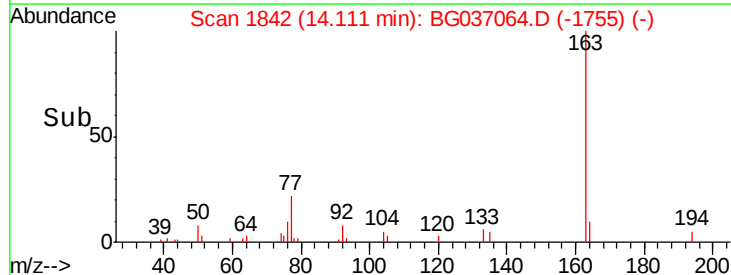
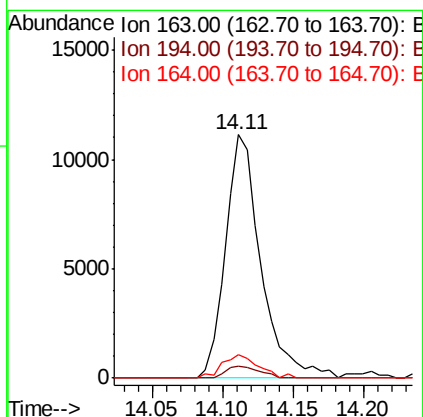
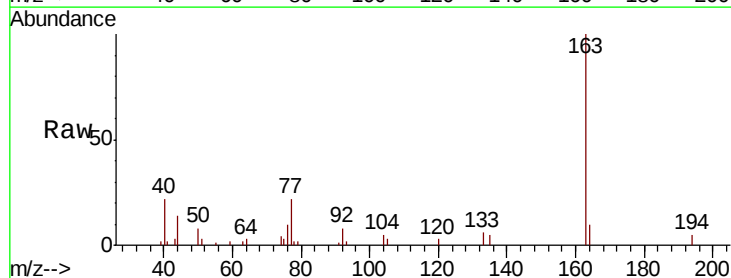
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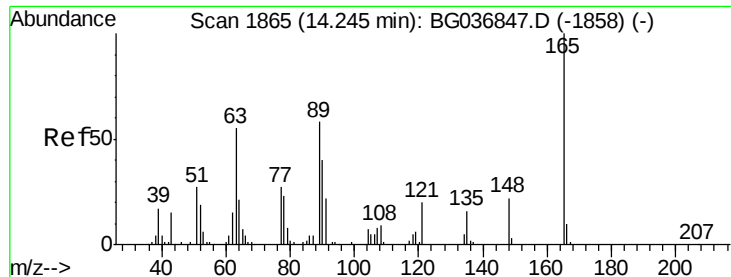
Tgt Ion:172 Resp: 560719
Ion Ratio Lower Upper
172 100
171 37.1 31.3 46.9
170 24.4 21.0 31.6



#49
Dimethylphthalate
Concen: 2.419 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037064.D
Acq: 29 Sep 2018 00:15

Tgt Ion:163 Resp: 19429
Ion Ratio Lower Upper
163 100
194 4.9 4.0 6.0
164 9.8 8.1 12.1

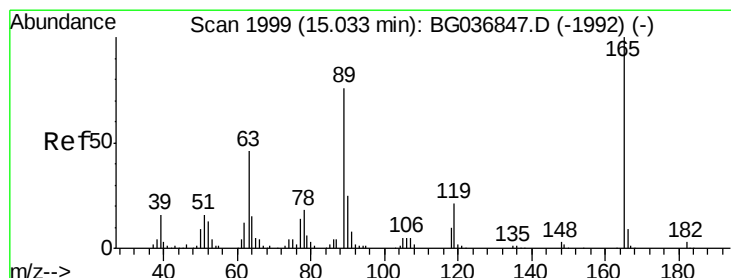
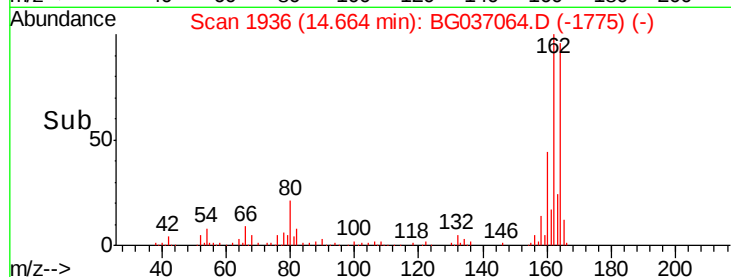
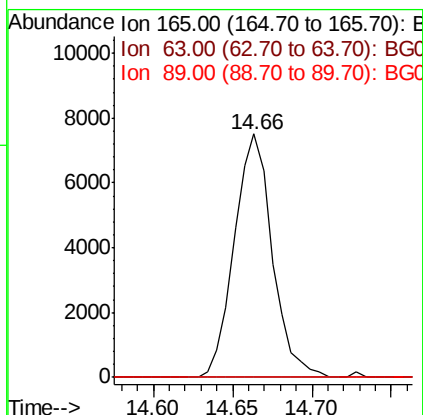
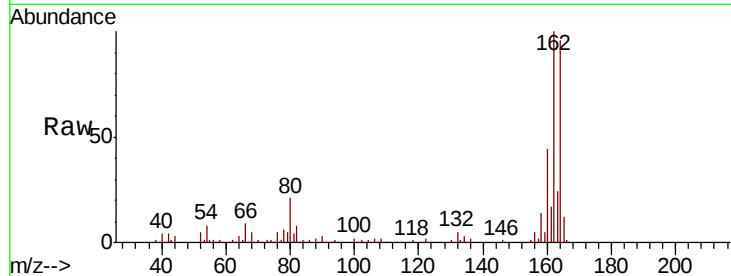




#50
 2,6-Dinitrotoluene
 Concen: 7.114 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037064.D
 Acq: 29 Sep 2018 00:15

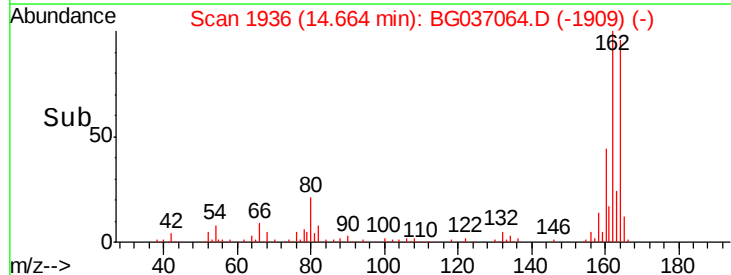
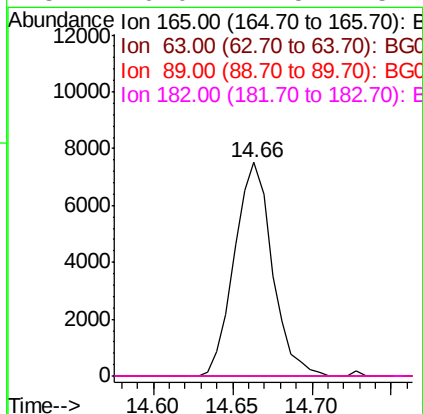
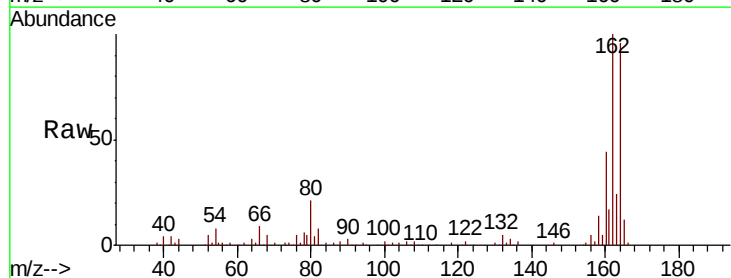
Instrument :
 BNA_G
 ClientSampleId :
 B-11(TW-3)

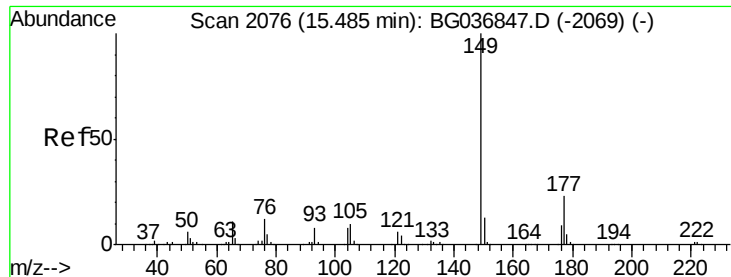
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	0.0	47.8	71.6#



#56
 2,4-Dinitrotoluene
 Concen: 5.098 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037064.D
 Acq: 29 Sep 2018 00:15

Tgt 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#

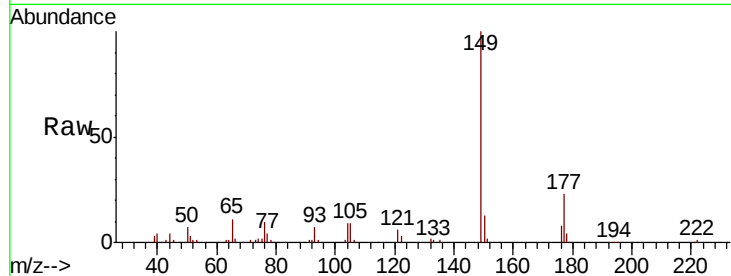




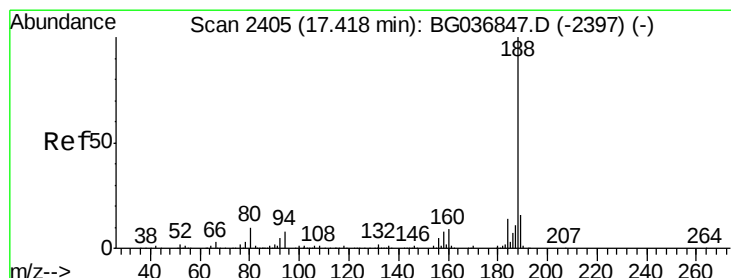
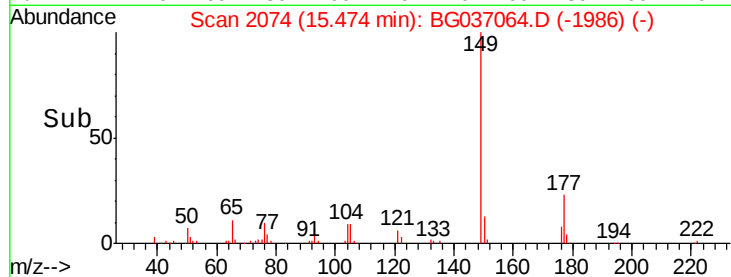
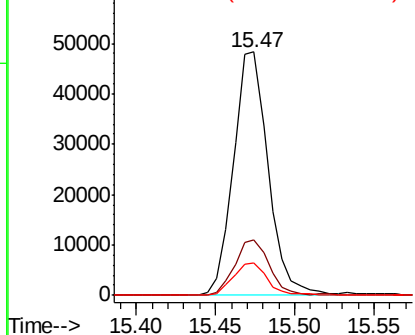
#59
Diethylphthalate
Concen: 9.089 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG037064.D
Acq: 29 Sep 2018 00:15

Instrument :
BNA_G
ClientSampleId :
B-11(TW-3)

Tgt Ion:149 Resp: 73646
Ion Ratio Lower Upper
149 100
177 22.9 19.1 28.7
150 13.3 10.7 16.1

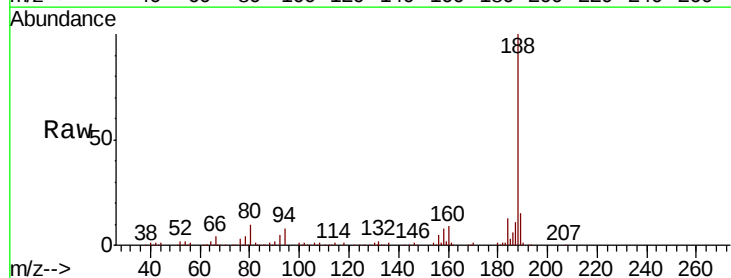


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

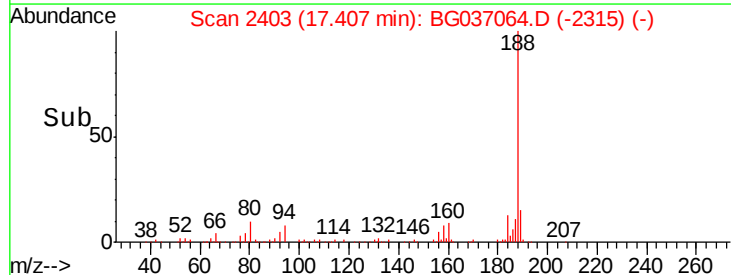
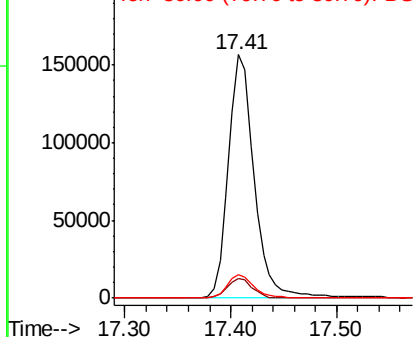


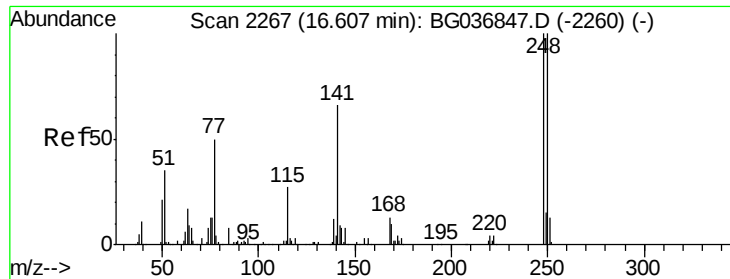
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037064.D
Acq: 29 Sep 2018 00:15

Tgt Ion:188 Resp: 264182
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.5 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

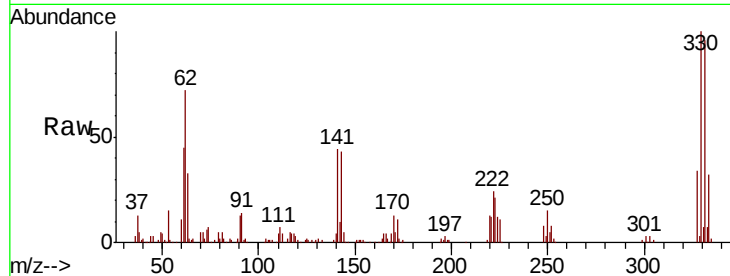




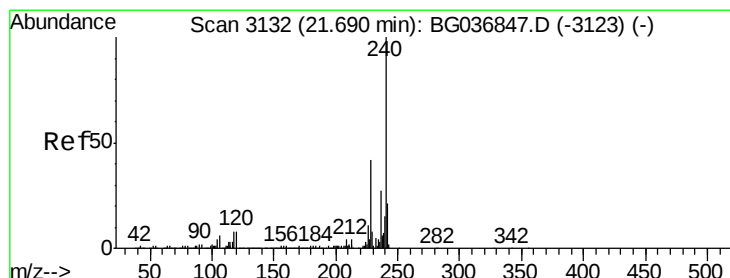
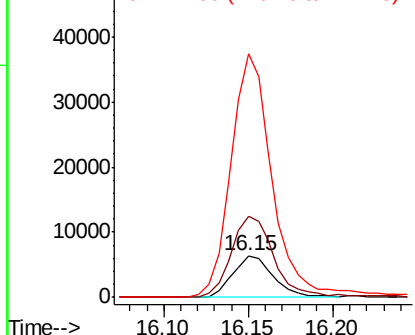
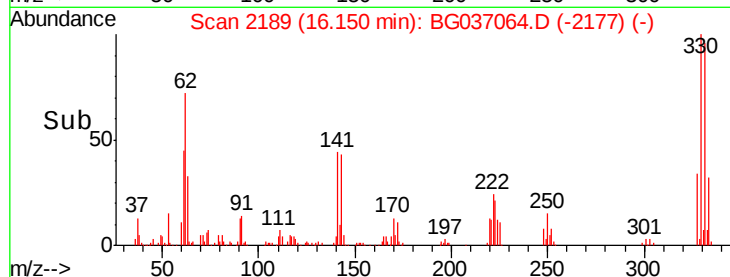
#66
 4-Bromophenyl-phenylether
 Concen: 3.524 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037064.D
 Acq: 29 Sep 2018 00:15

Instrument :
 BNA_G
 ClientSampleId :
 B-11(TW-3)

Tgt Ion:248 Resp: 10589
 Ion Ratio Lower Upper
 248 100
 250 196.7 78.1 117.1#
 141 587.2 53.7 80.5#

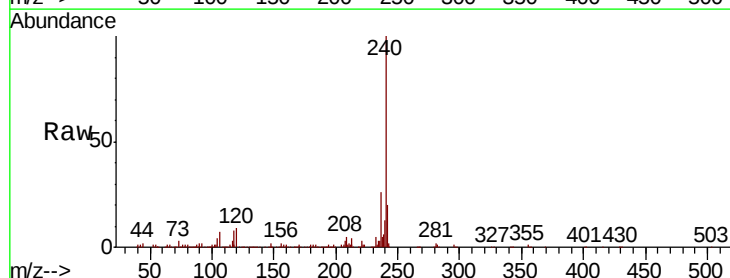


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

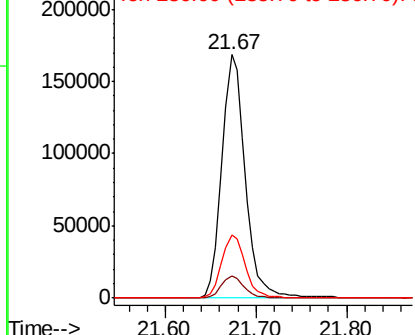
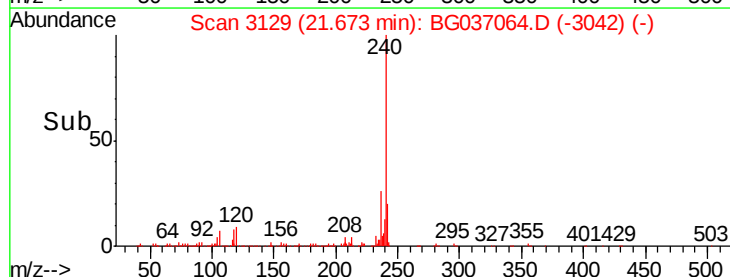


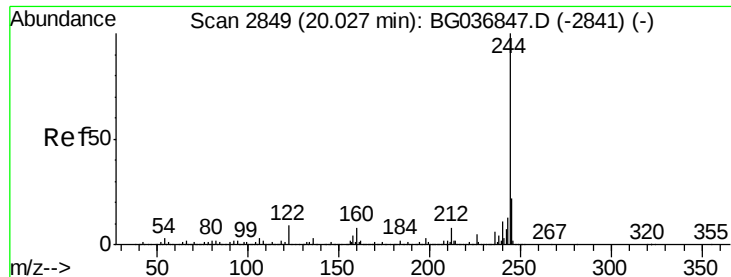
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG037064.D
 Acq: 29 Sep 2018 00:15

Tgt Ion:240 Resp: 301623
 Ion Ratio Lower Upper
 240 100
 120 8.9 6.9 10.3
 236 26.1 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: 91.682 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037064.D

Acq: 29 Sep 2018 00:15

Instrument :

BNA_G

ClientSampleId :

B-11(TW-3)

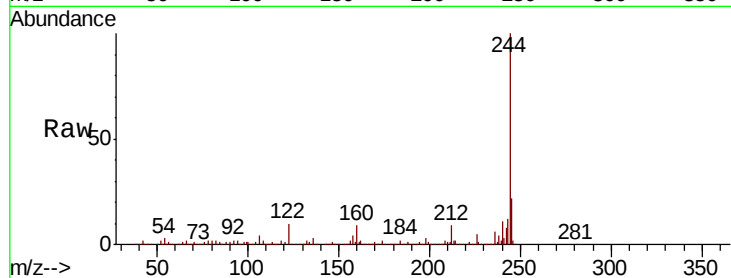
Tgt Ion:244 Resp: 1051664

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

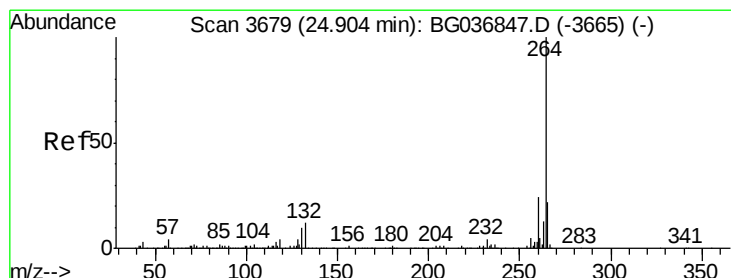
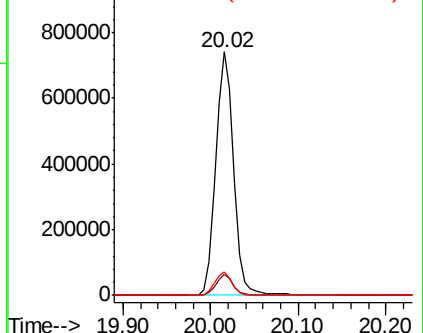
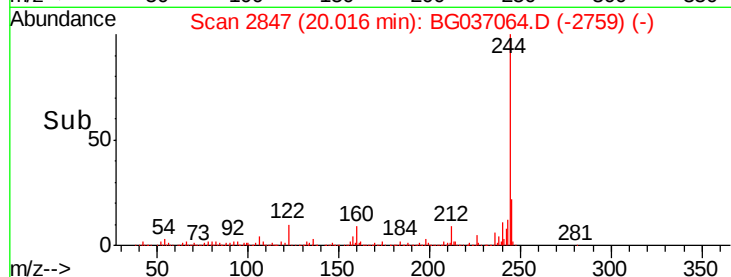
122 9.8 7.1 10.7



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# 3675

Delta R.T. -0.02 min

Lab File: BG037064.D

Acq: 29 Sep 2018 00:15

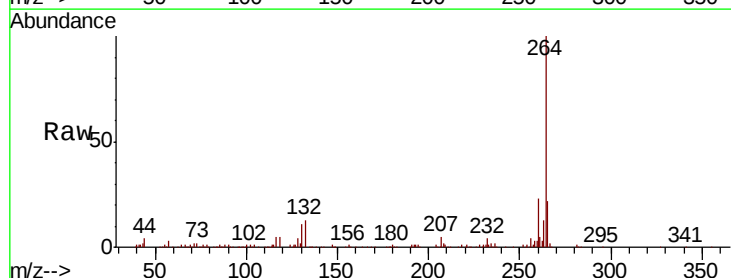
Tgt Ion:264 Resp: 305965

Ion Ratio Lower Upper

264 100

260 23.3 19.6 29.4

265 21.6 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

