

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG021618\
 Data File : BG032739.D
 Acq On : 16 Feb 2018 15:50
 Operator : SJ/JU
 Sample : PB106610TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106610TB

Quant Time: Feb 16 18:24:12 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

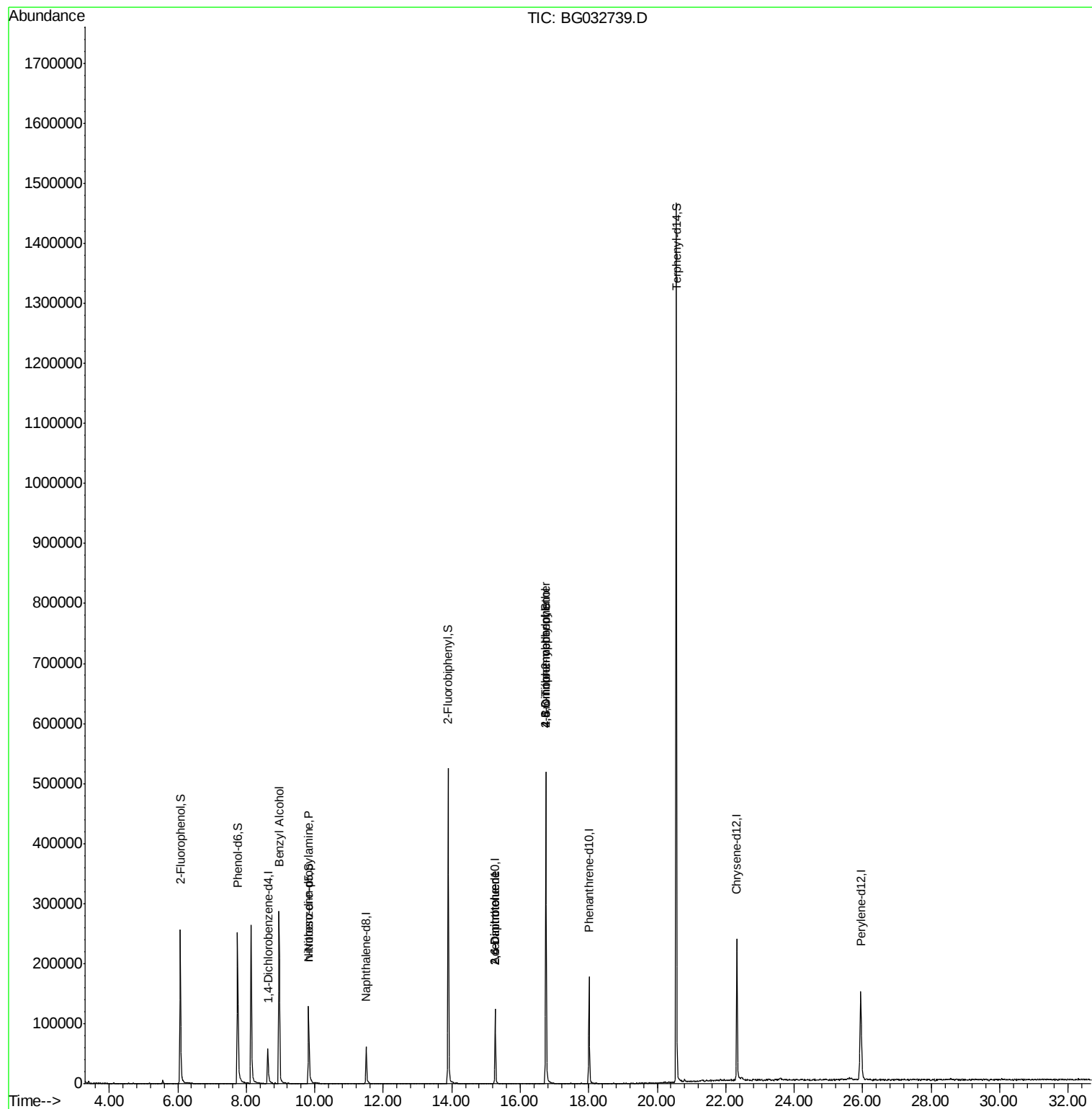
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	23044	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	69819	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	49492	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	136846	20.00	ng	-0.04
75) Chrysene-d12	22.32	240	184531	20.00	ng	-0.05
86) Perylene-d12	25.94	264	208103	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	136134	118.53	ng	-0.04
7) Phenol-d6	7.75	99	171614	109.27	ng	-0.05
23) Nitrobenzene-d5	9.83	82	95974	87.36	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	141342	185.47	ng	-0.04
44) 2-Fluorobiphenyl	13.89	172	334651	84.56	ng	-0.04
78) Terphenyl-d14	20.56	244	792425	97.88	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.96	79	2547	2.164	ng	# 56
19) n-Nitroso-di-n-propylamine	9.82	70	13040	12.351	ng	# 85
50) 2,6-Dinitrotoluene	15.27	165	5881	6.675	ng	# 18
56) 2,4-Dinitrotoluene	15.27	165	5881	4.844	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.75	198	144	5.153	ng	# 1
66) 4-Bromophenyl-phenylether	16.75	248	10054	5.134	ng	# 1

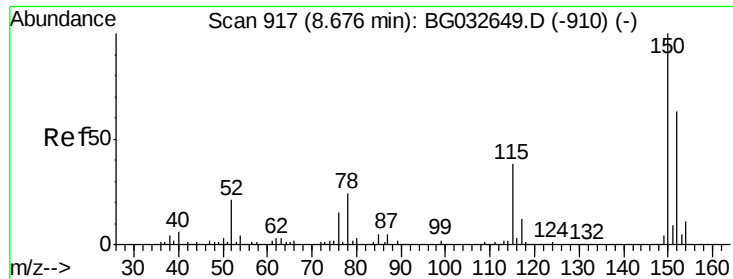
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG021618\
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ClientSampleId :
PB106610TB

Quant Time: Feb 16 18:24:12 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.05 min

Lab File: BG032739.D

Acq: 16 Feb 2018 15:50

Instrument :

BNA_G

ClientSampleId :

PB106610TB

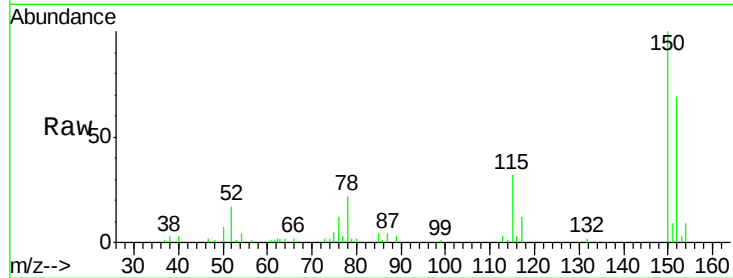
Tgt Ion:152 Resp: 23044

Ion Ratio Lower Upper

152 100

150 145.7 126.6 189.8

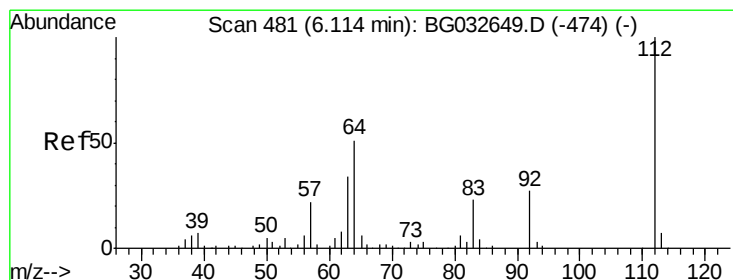
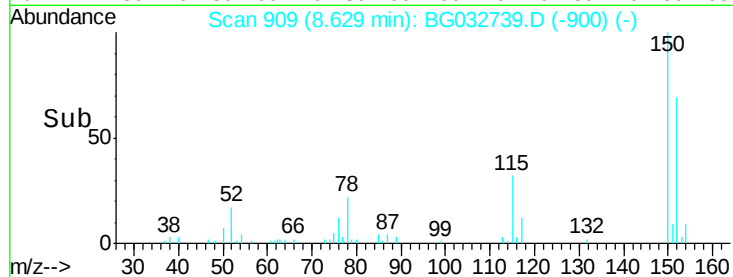
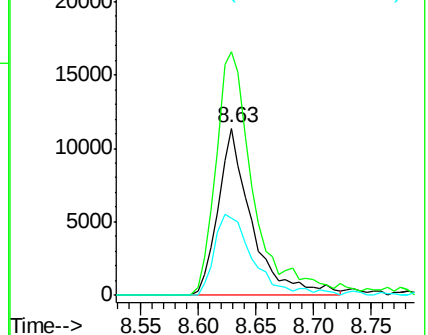
115 46.0 53.0 79.4#



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: 118.527 ng

RT: 6.07 min Scan# 474

Delta R.T. -0.04 min

Lab File: BG032739.D

Acq: 16 Feb 2018 15:50

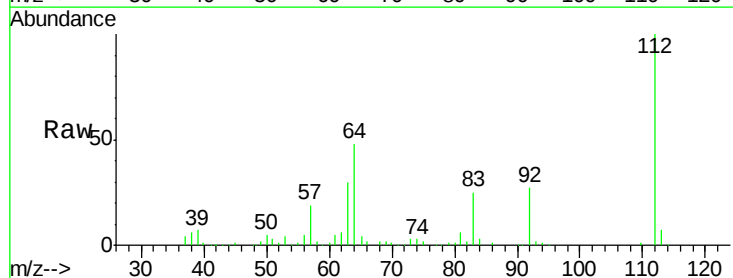
Tgt Ion:112 Resp: 136134

Ion Ratio Lower Upper

112 100

64 48.3 56.3 84.5#

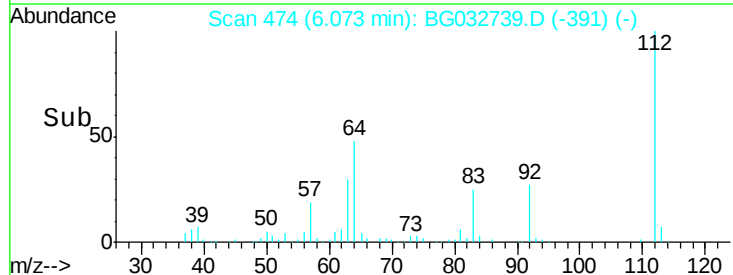
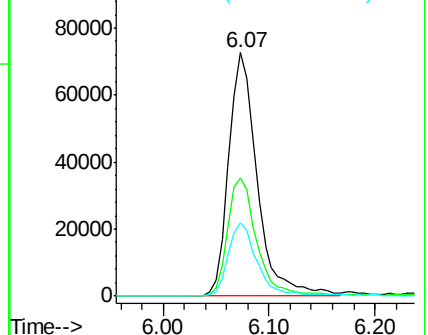
63 30.4 30.1 45.1

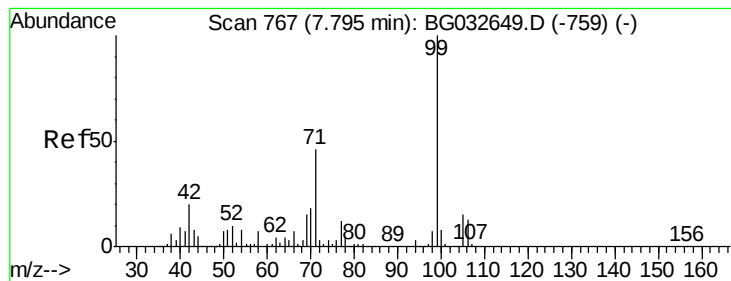


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 109.272 ng

RT: 7.75 min Scan# 759

Delta R.T. -0.05 min

Lab File: BG032739.D

Acq: 16 Feb 2018 15:50

Instrument :

BNA_G

ClientSampleId :

PB106610TB

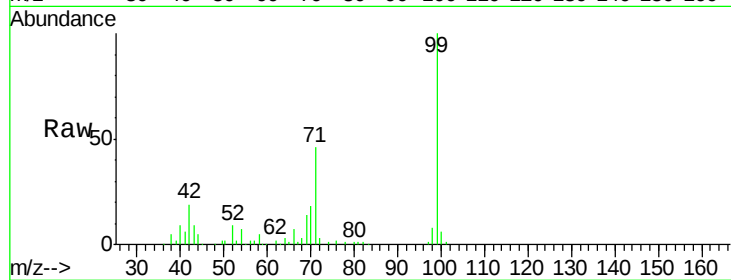
Tgt Ion: 99 Resp: 171614

Ion Ratio Lower Upper

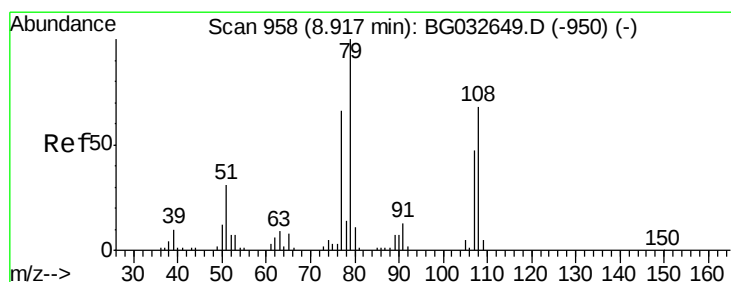
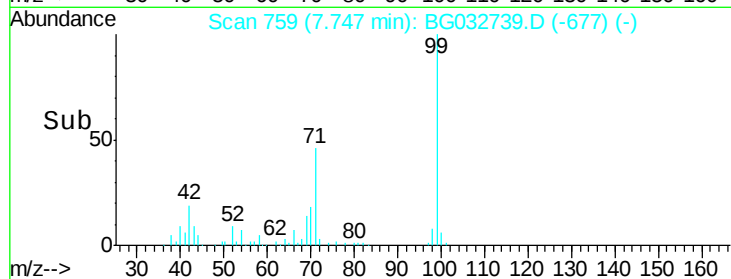
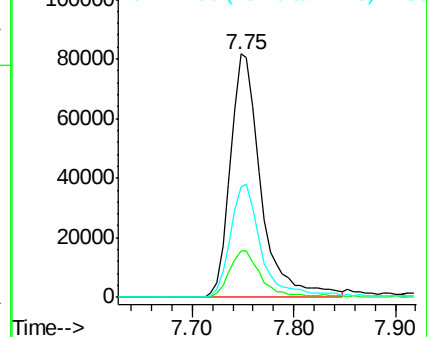
99 100

42 19.1 14.1 21.1

71 45.6 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.164 ng

RT: 8.96 min Scan# 965

Delta R.T. 0.04 min

Lab File: BG032739.D

Acq: 16 Feb 2018 15:50

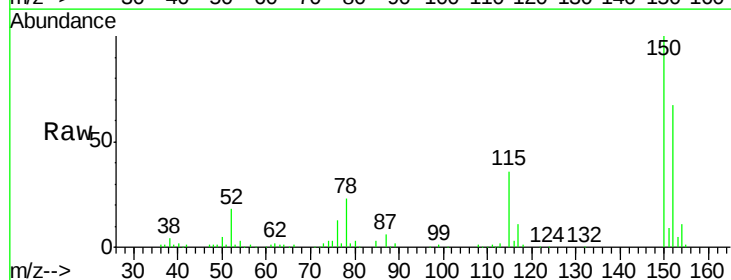
Tgt Ion: 79 Resp: 2547

Ion Ratio Lower Upper

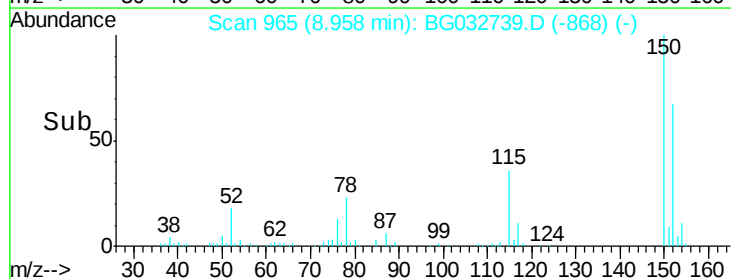
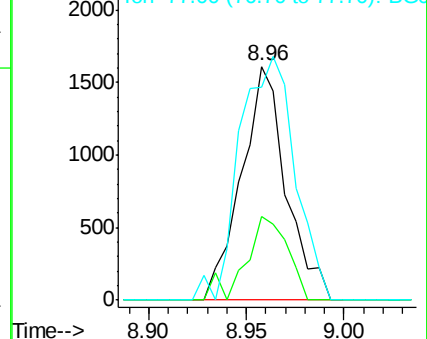
79 100

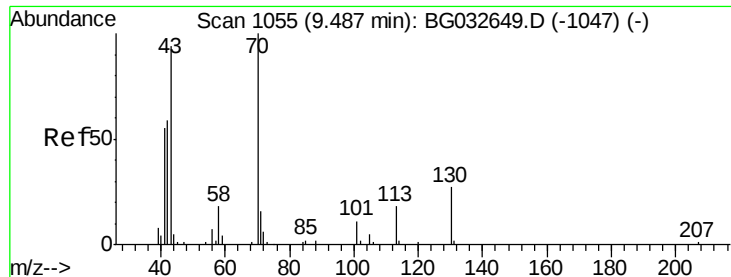
108 35.5 57.2 85.8#

77 91.3 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

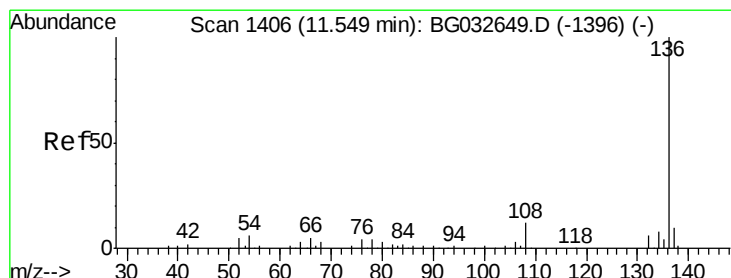
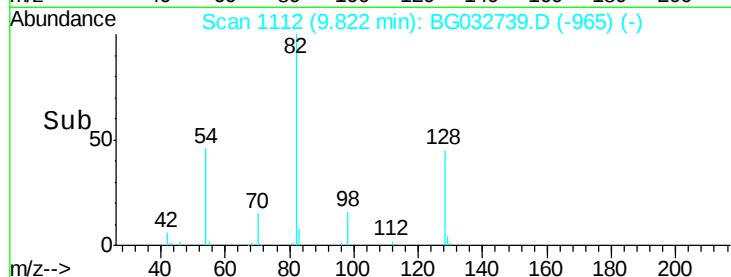
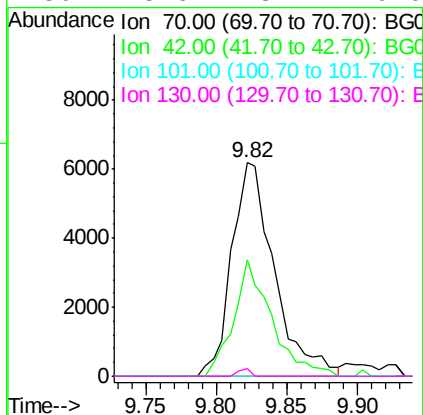
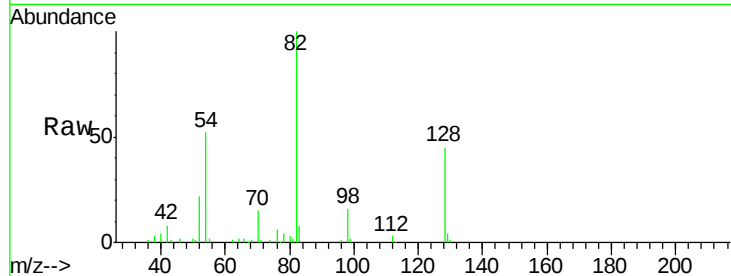




#19
n-Nitroso-di-n-propylamine
Concen: 12.351 ng
RT: 9.82 min Scan# 1112
Delta R.T. 0.33 min
Lab File: BG032739.D
Acq: 16 Feb 2018 15:50

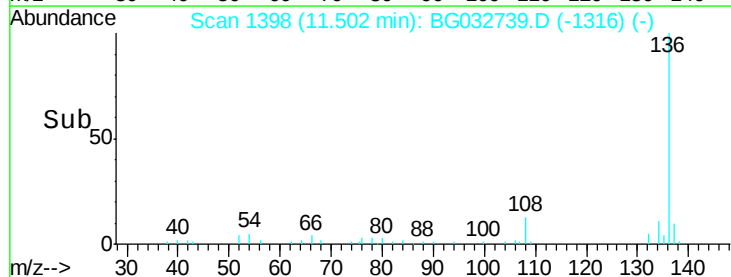
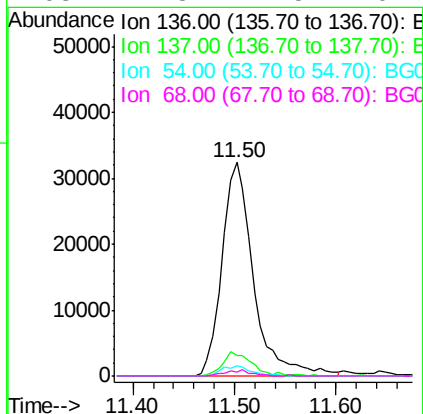
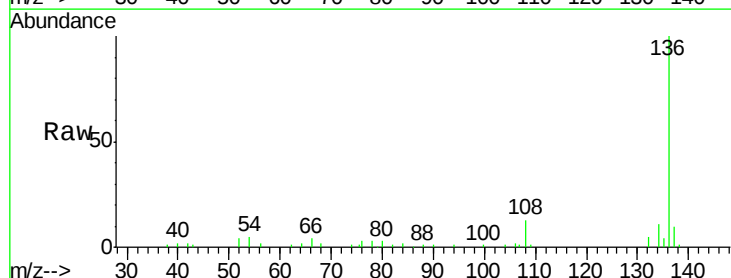
Instrument :
BNA_G
ClientSampleId :
PB106610TB

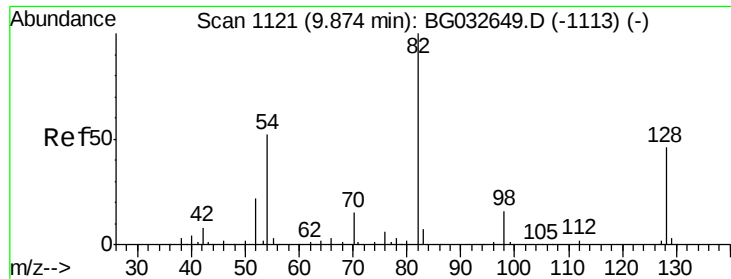
Tgt Ion: 70 Resp: 13040
Ion Ratio Lower Upper
70 100
42 54.4 49.1 73.7
101 0.0 8.5 12.7#
130 3.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.50 min Scan# 1398
Delta R.T. -0.05 min
Lab File: BG032739.D
Acq: 16 Feb 2018 15:50

Tgt Ion: 136 Resp: 69819
Ion Ratio Lower Upper
136 100
137 9.8 9.2 13.8
54 4.5 10.3 15.5#
68 1.8 4.5 6.7#

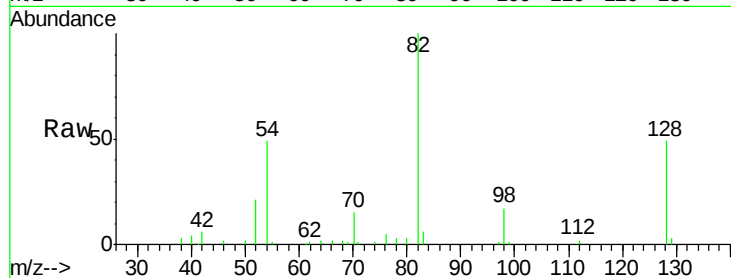




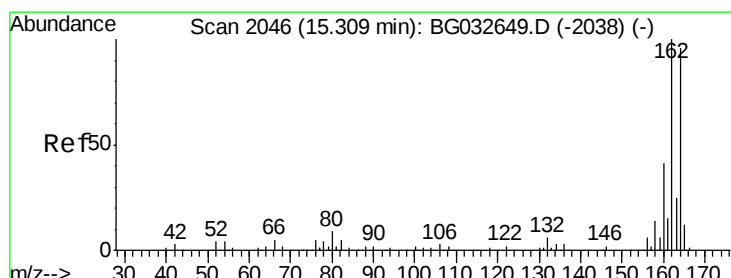
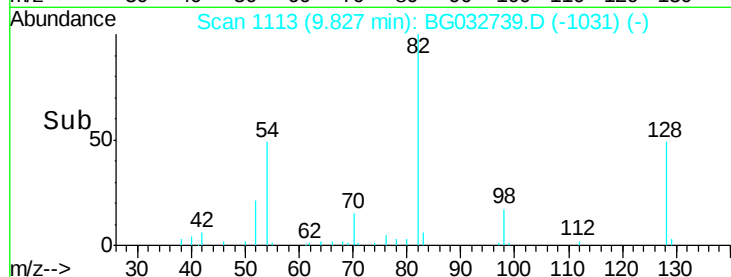
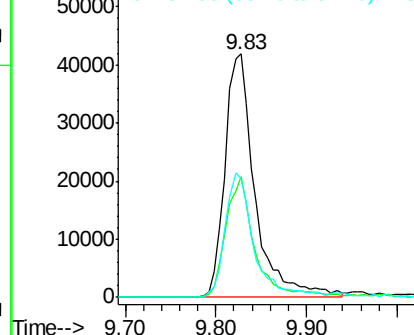
#23
 Nitrobenzene-d5
 Concen: 87.364 ng
 RT: 9.83 min Scan# 1113
 Delta R.T. -0.05 min
 Lab File: BG032739.D
 Acq: 16 Feb 2018 15:50

Instrument :
 BNA_G
 ClientSampled :
 PB106610TB

Tgt Ion: 82 Resp: 95974
 Ion Ratio Lower Upper
 82 100
 128 49.4 29.7 44.5#
 54 48.7 43.1 64.7

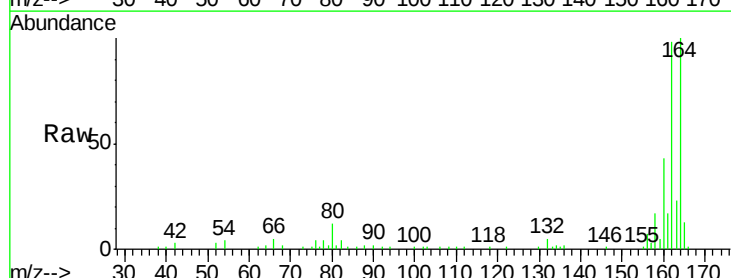


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

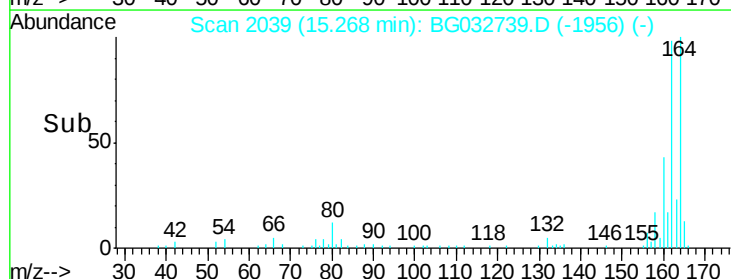
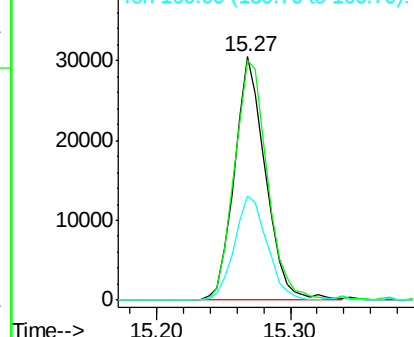


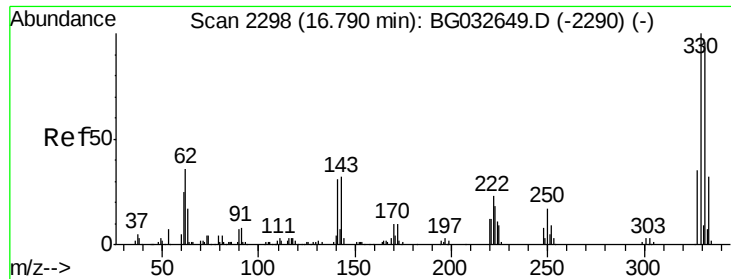
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2039
 Delta R.T. -0.04 min
 Lab File: BG032739.D
 Acq: 16 Feb 2018 15:50

Tgt Ion: 164 Resp: 49492
 Ion Ratio Lower Upper
 164 100
 162 98.2 78.8 118.2
 160 42.9 35.4 53.0



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

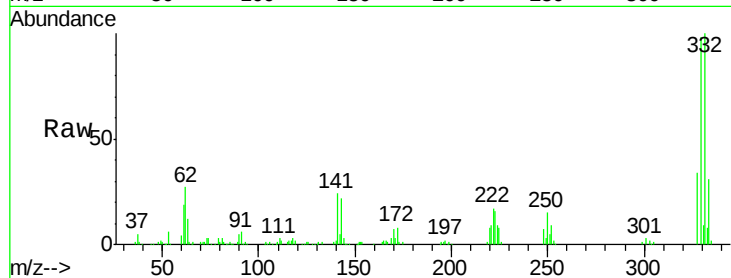




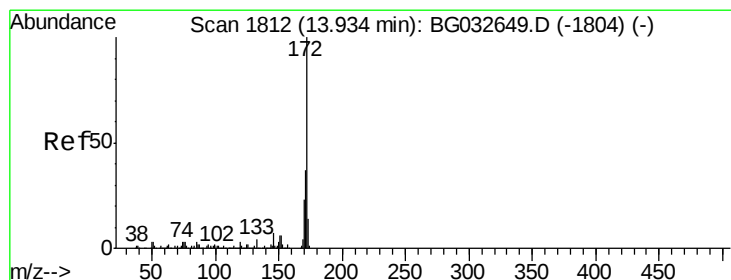
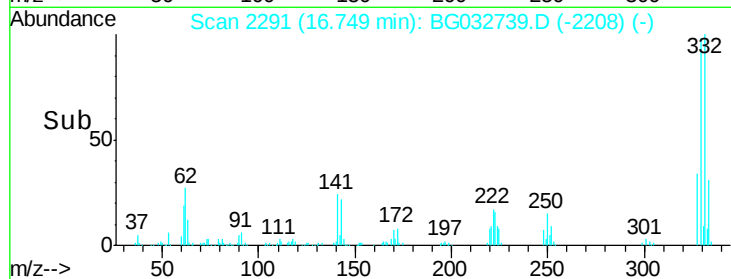
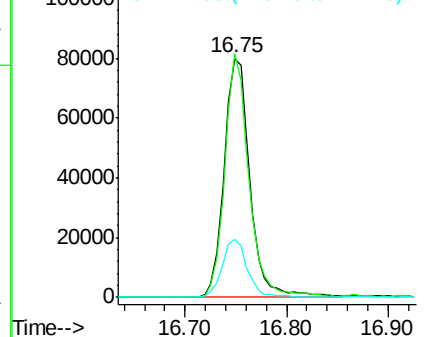
#41
 2,4,6-Tribromophenol
 Concen: 185.470 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.04 min
 Lab File: BG032739.D
 Acq: 16 Feb 2018 15:50

Instrument :
 BNA_G
 ClientSampleId :
 PB106610TB

Tgt Ion:330 Resp: 141342
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 24.1 25.2 37.8#

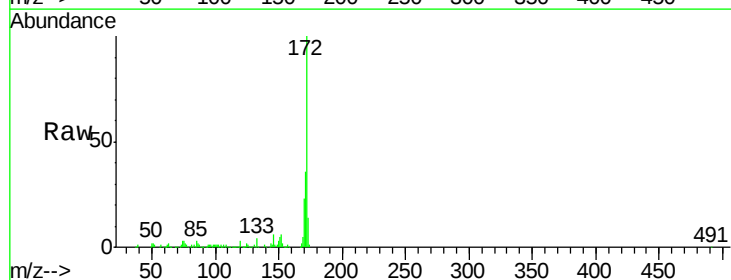


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

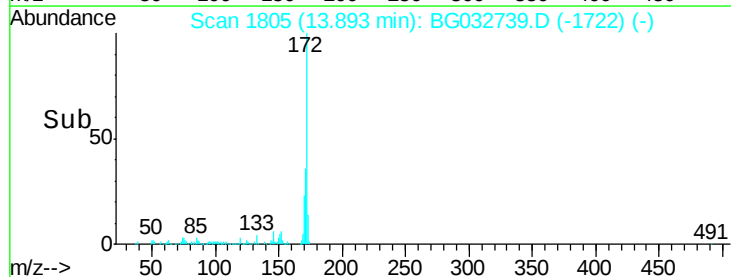
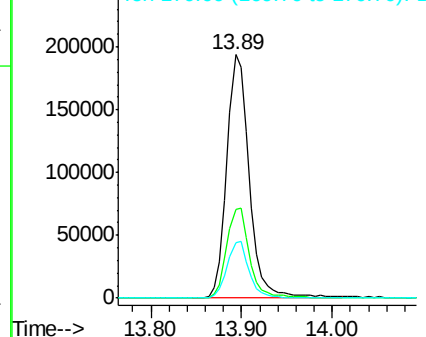


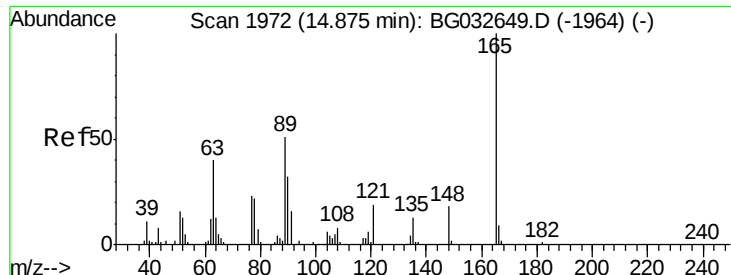
#44
 2-Fluorobiphenyl
 Concen: 84.557 ng
 RT: 13.89 min Scan# 1805
 Delta R.T. -0.04 min
 Lab File: BG032739.D
 Acq: 16 Feb 2018 15:50

Tgt Ion:172 Resp: 334651
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 22.9 19.5 29.3



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

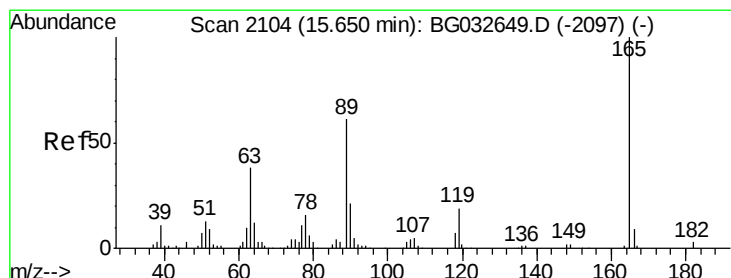
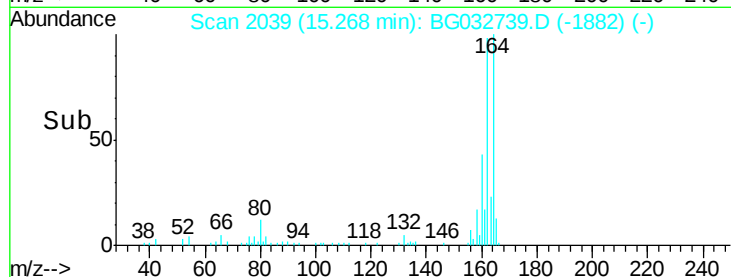
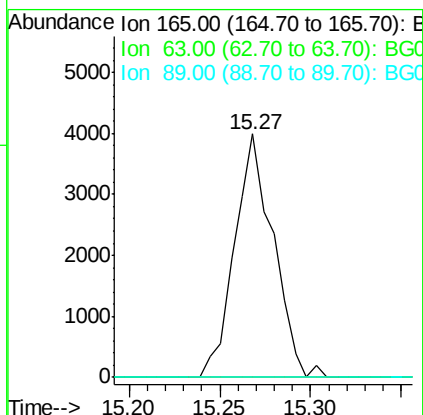
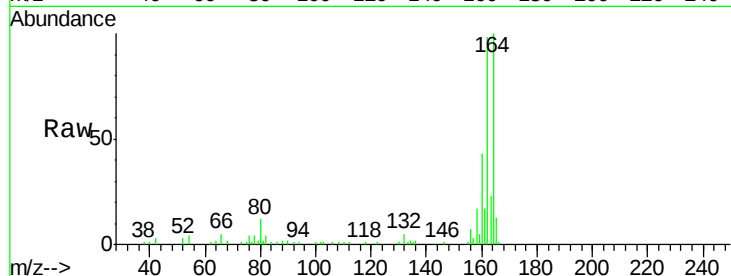




#50
 2,6-Dinitrotoluene
 Concen: 6.675 ng
 RT: 15.27 min Scan# 2039
 Delta R.T. 0.39 min
 Lab File: BG032739.D
 Acq: 16 Feb 2018 15:50

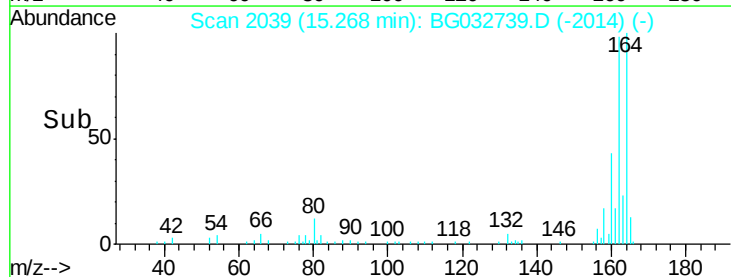
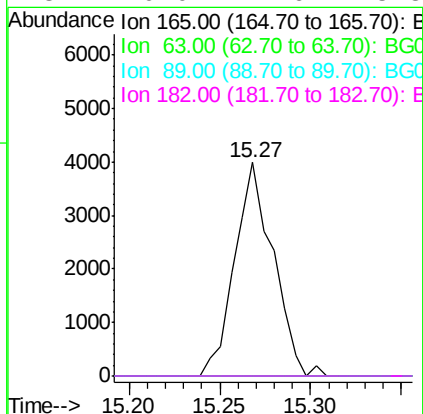
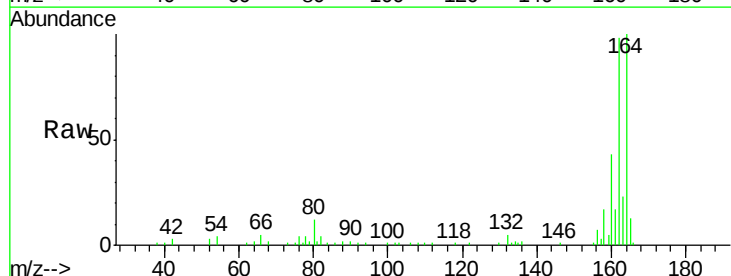
Instrument :
 BNA_G
 ClientSampleId :
 PB106610TB

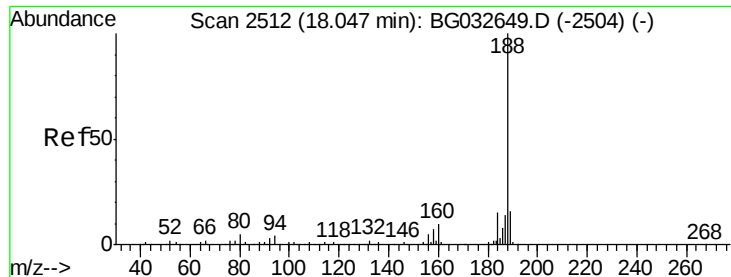
Tgt Ion:165 Resp: 5881
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.844 ng
 RT: 15.27 min Scan# 2039
 Delta R.T. -0.38 min
 Lab File: BG032739.D
 Acq: 16 Feb 2018 15:50

Tgt Ion:165 Resp: 5881
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

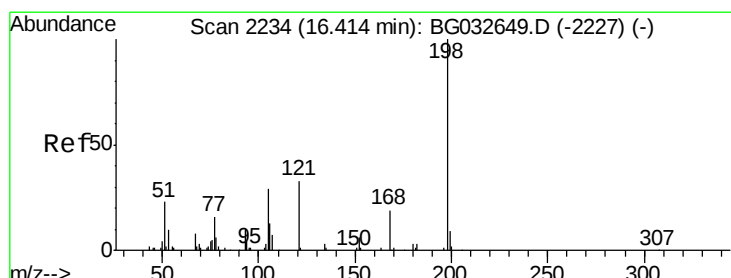
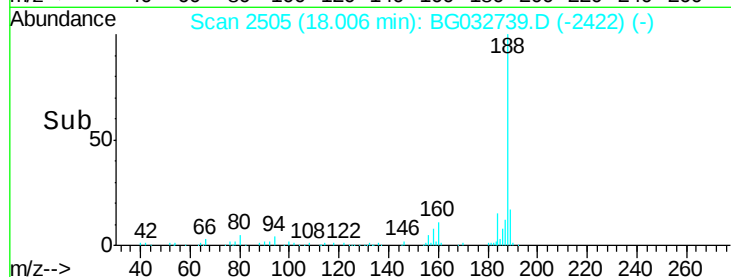
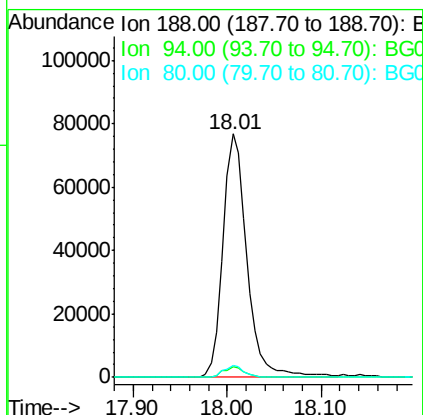
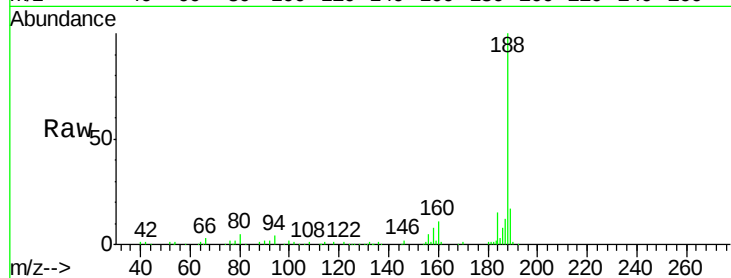




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.01 min Scan# 2505
Delta R.T. -0.04 min
Lab File: BG032739.D
Acq: 16 Feb 2018 15:50

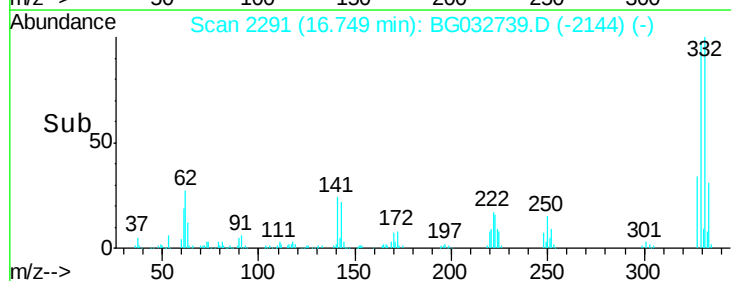
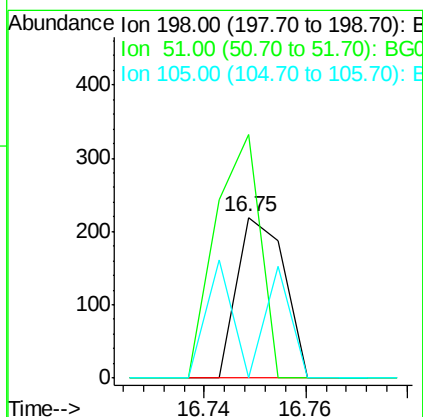
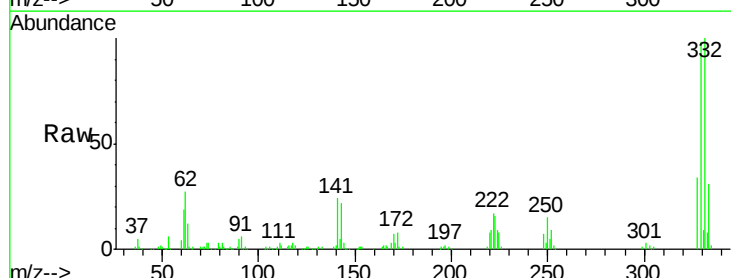
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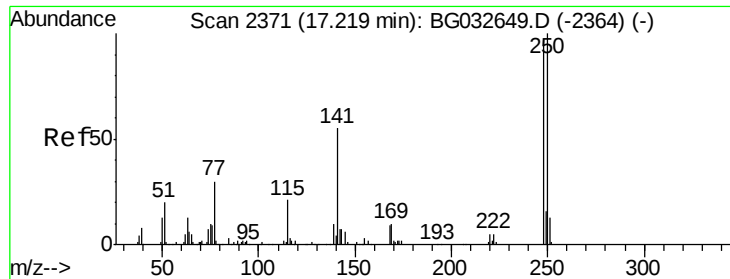
Tgt Ion:188 Resp: 136846
Ion Ratio Lower Upper
188 100
94 4.4 6.9 10.3#
80 5.0 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.153 ng
RT: 16.75 min Scan# 2291
Delta R.T. 0.34 min
Lab File: BG032739.D
Acq: 16 Feb 2018 15:50

Tgt Ion:198 Resp: 144
Ion Ratio Lower Upper
198 100
51 151.6 30.6 70.6#
105 0.0 23.8 63.8#

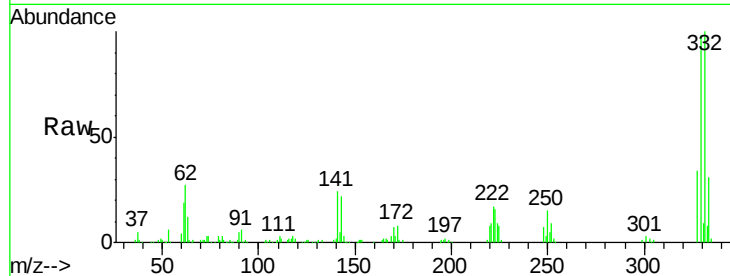




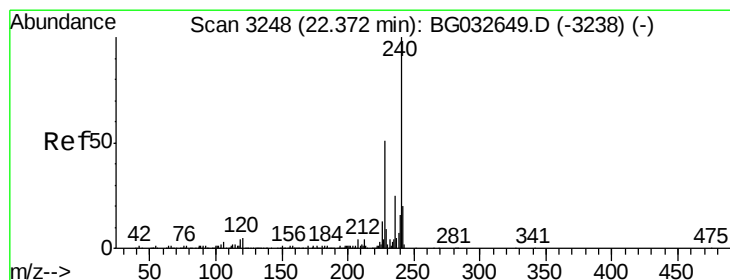
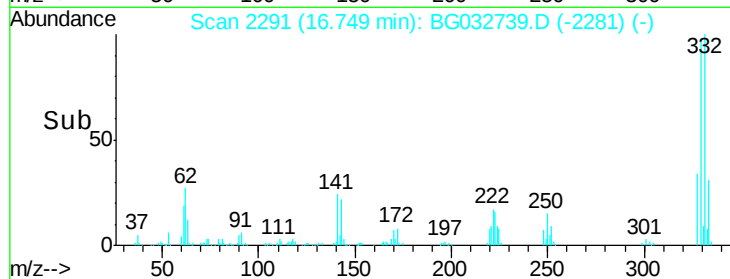
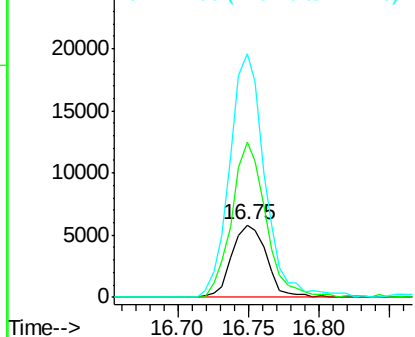
#66
4-Bromophenyl-phenylether
Concen: 5.134 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.47 min
Lab File: BG032739.D
Acq: 16 Feb 2018 15:50

Instrument :
BNA_G
ClientSampled :
PB106610TB

Tgt Ion:248 Resp: 10054
Ion Ratio Lower Upper
248 100
250 215.3 77.1 115.7#
141 336.7 50.8 76.2#

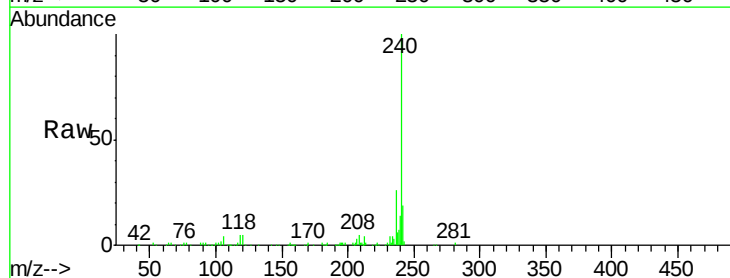


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

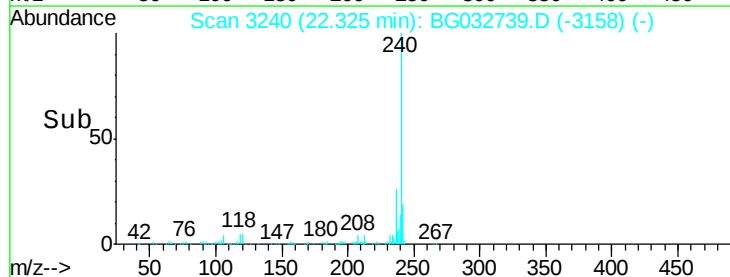
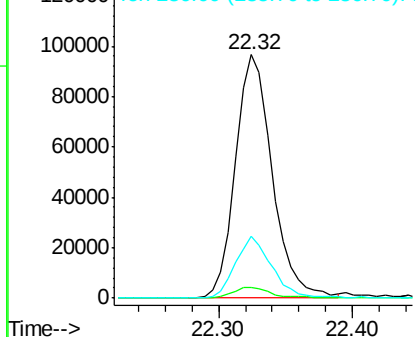


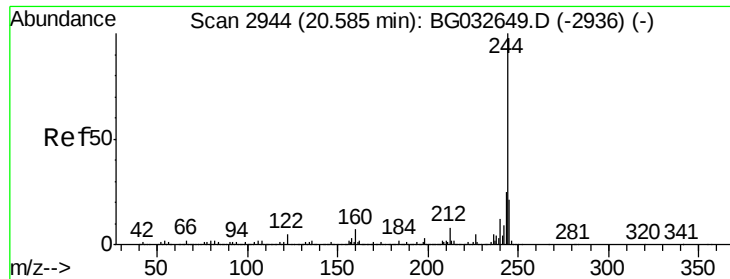
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.32 min Scan# 3240
Delta R.T. -0.05 min
Lab File: BG032739.D
Acq: 16 Feb 2018 15:50

Tgt Ion:240 Resp: 184531
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 25.6 20.9 31.3



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: 97.875 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG032739.D

Acq: 16 Feb 2018 15:50

Instrument :

BNA_G

ClientSampleId :

PB106610TB

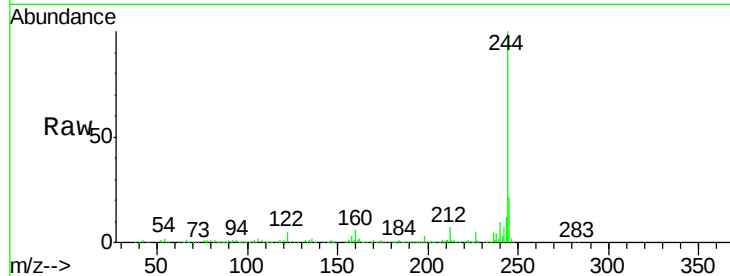
Tgt Ion:244 Resp: 792425

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

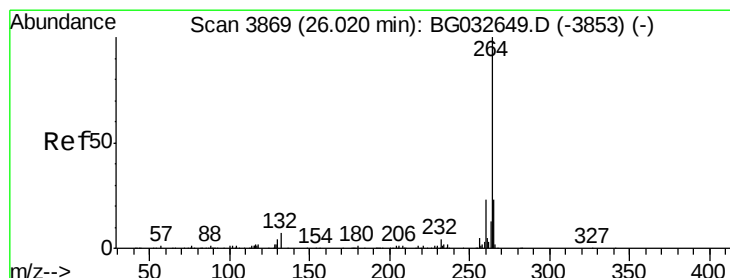
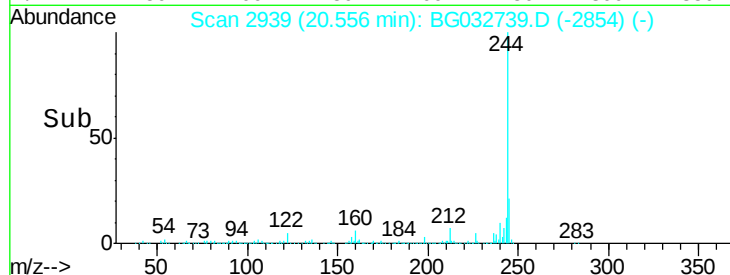
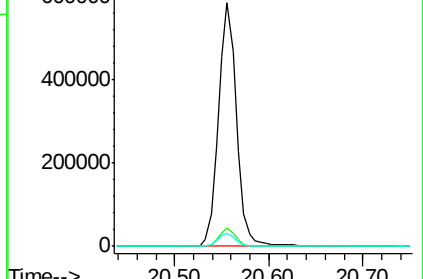
122 5.3 7.0 10.4#



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: 25.94 min Scan# 3855

Delta R.T. -0.08 min

Lab File: BG032739.D

Acq: 16 Feb 2018 15:50

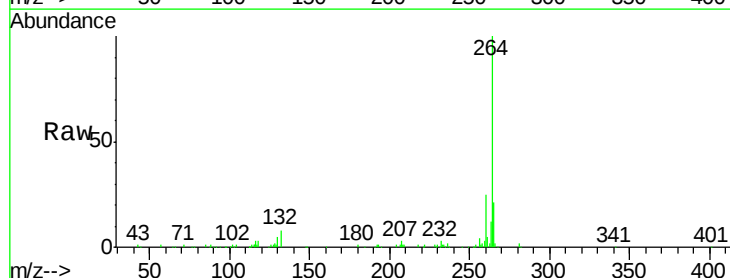
Tgt Ion:264 Resp: 208103

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 21.3 17.7 26.5



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

