

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG021618\
 Data File : BG032742.D
 Acq On : 16 Feb 2018 17:43
 Operator : SJ/JU
 Sample : J1399-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-021518-B

Quant Time: Feb 16 18:25:00 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	20998	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	84795	20.00	ng	-0.05
38) Acenaphthene-d10	15.26	164	62358	20.00	ng	-0.05
63) Phenanthrene-d10	18.01	188	188899	20.00	ng	-0.04
75) Chrysene-d12	22.33	240	248826	20.00	ng	-0.05
86) Perylene-d12	25.94	264	270676	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.07	112	136161	130.10	ng	-0.05
7) Phenol-d6	7.75	99	149822	104.69	ng	-0.05
23) Nitrobenzene-d5	9.82	82	116223	87.11	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	190004	197.88	ng	-0.04
44) 2-Fluorobiphenyl	13.90	172	471155	94.49	ng	-0.04
78) Terphenyl-d14	20.56	244	1144899	104.87	ng	-0.03

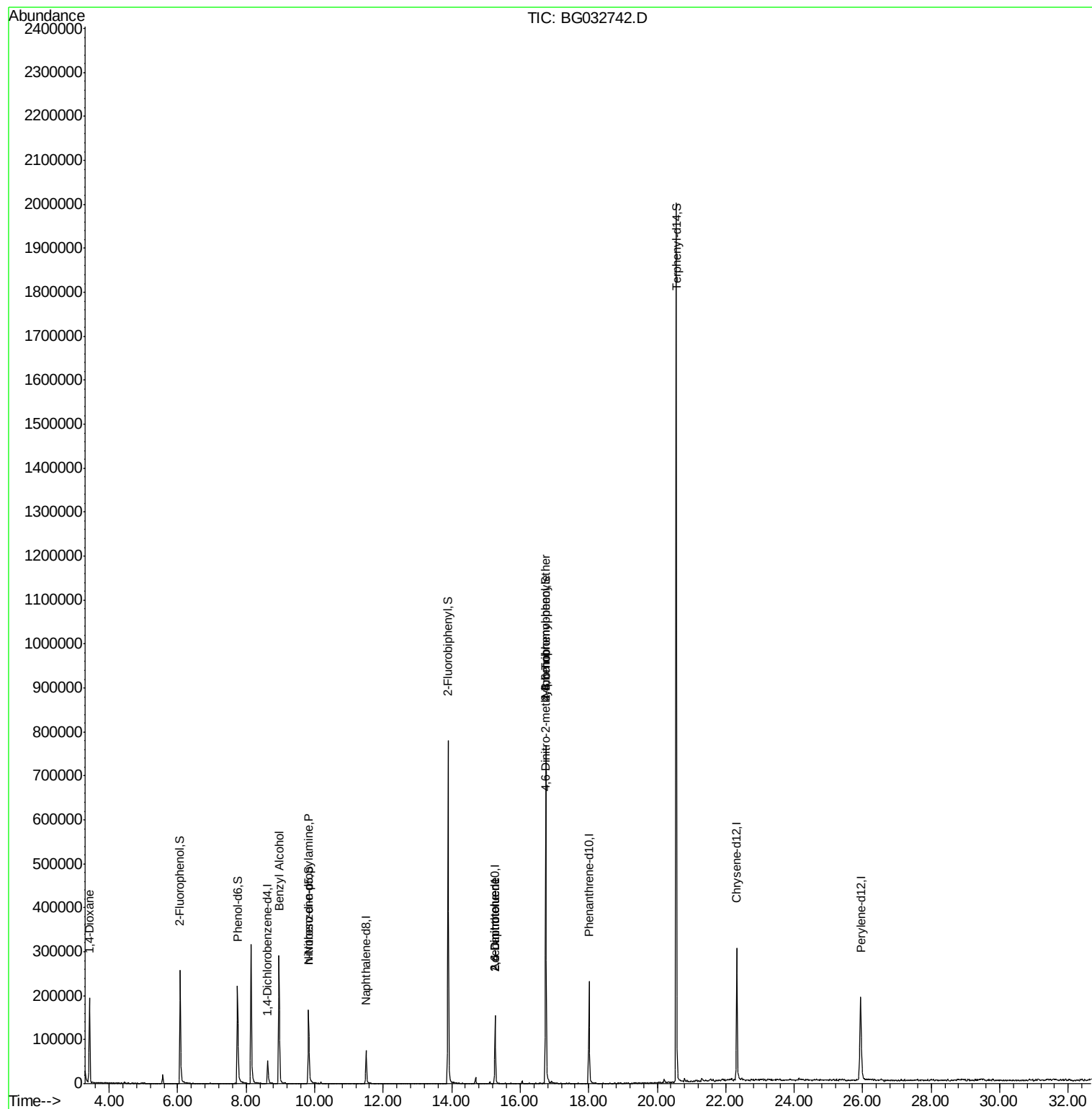
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	2463	5.626	ng	# 1
15) Benzyl Alcohol	8.95	79	2268	2.114	ng	# 35
19) n-Nitroso-di-n-propylamine	9.82	70	17272	17.953	ng	# 82
50) 2,6-Dinitrotoluene	15.27	165	7553	6.804	ng	# 18
56) 2,4-Dinitrotoluene	15.27	165	7553	4.938	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.73	198	103	5.091	ng	# 84
66) 4-Bromophenyl-phenylether	16.74	248	15177	5.614	ng	# 1

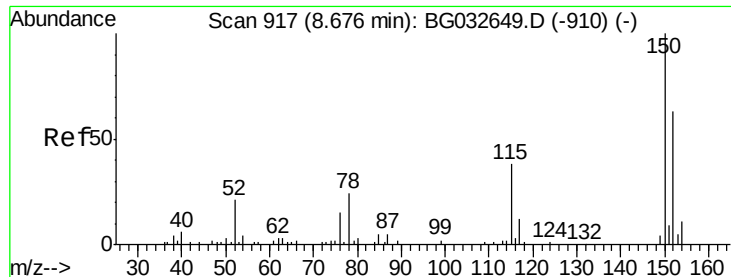
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG021618\
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OR-02-021518-B

Quant Time: Feb 16 18:25:00 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



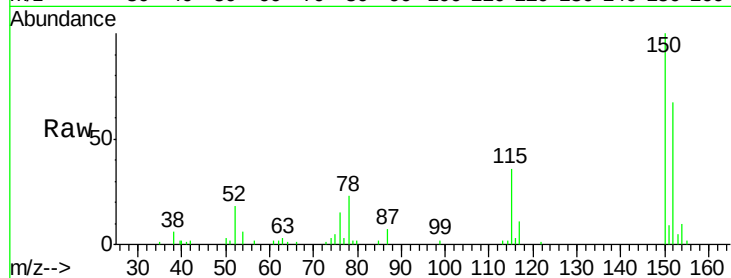


#1

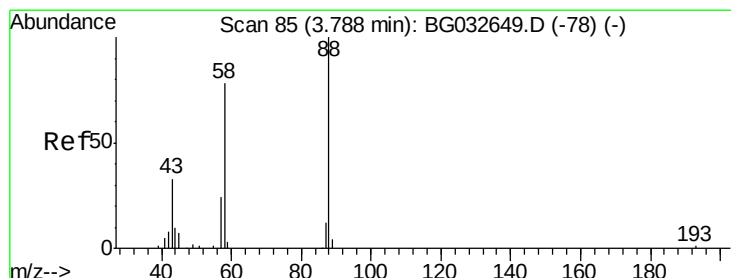
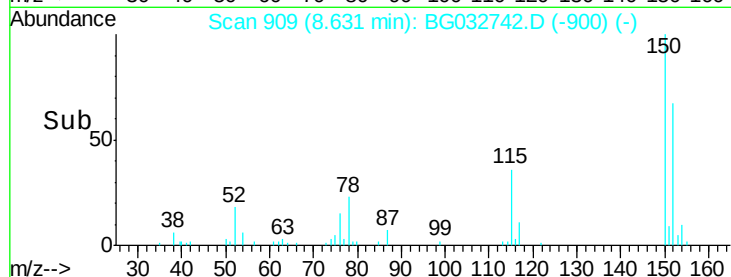
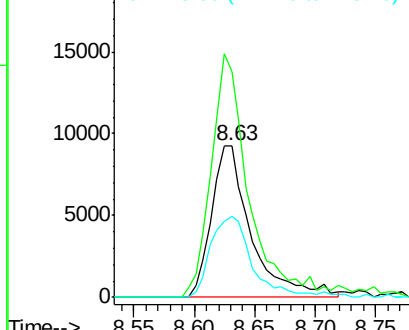
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.05 min
Lab File: BG032742.D
Acq: 16 Feb 2018 17:43

Instrument :
BNA_G
ClientSampleId :
OR-02-021518-B

Tgt Ion:152 Resp: 20998
Ion Ratio Lower Upper
152 100
150 148.9 126.6 189.8
115 53.2 53.0 79.4



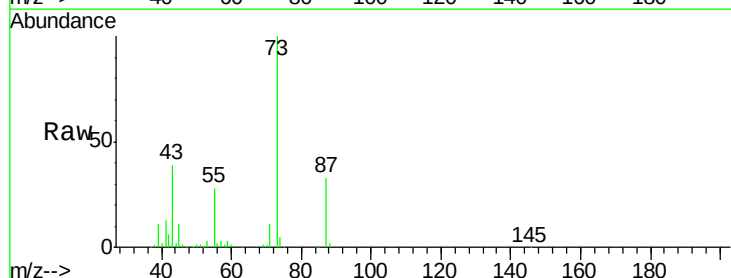
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



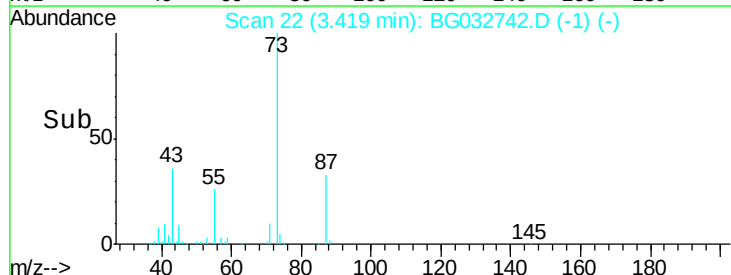
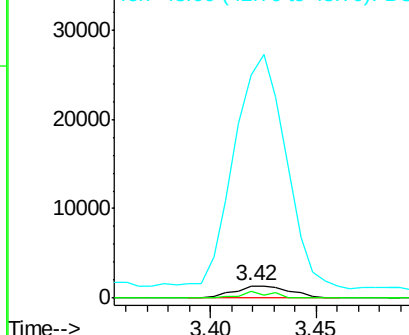
#2

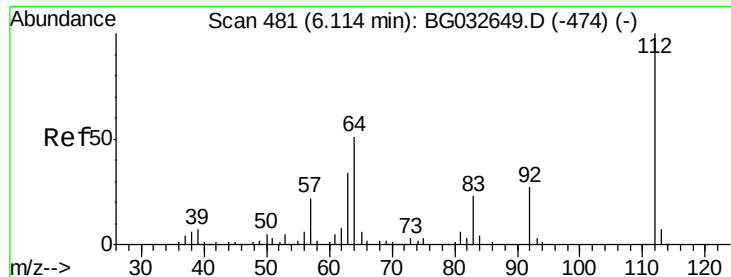
1,4-Dioxane
Concen: 5.626 ng
RT: 3.42 min Scan# 22
Delta R.T. -0.37 min
Lab File: BG032742.D
Acq: 16 Feb 2018 17:43

Tgt Ion: 88 Resp: 2463
Ion Ratio Lower Upper
88 100
58 32.7 79.6 119.4#
43 1818.4 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 130.101 ng

RT: 6.07 min Scan# 473

Delta R.T. -0.05 min

Lab File: BG032742.D

Acq: 16 Feb 2018 17:43

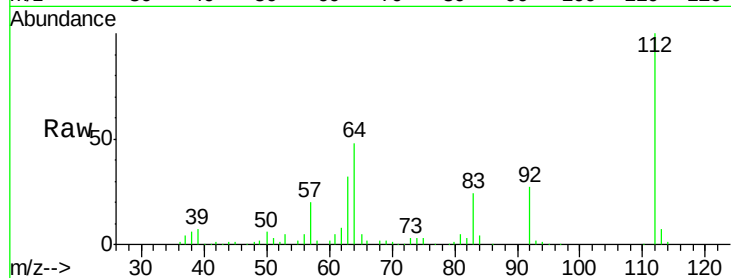
Instrument :

BNA_G

ClientSampleId :

OR-02-021518-B

Tgt Ion:	112	Resp:	136161
Ion Ratio	Lower	Upper	
112	100		
64	48.4	56.3	84.5#
63	31.5	30.1	45.1

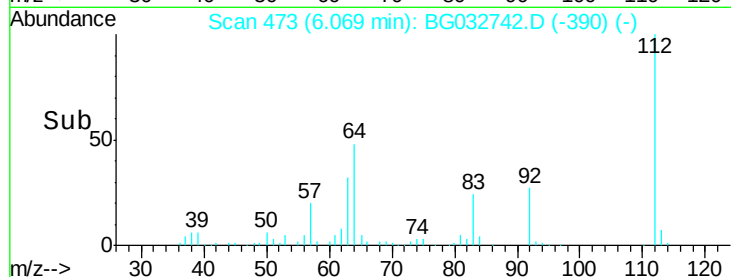


Abundance Ion 112.00 (111.70 to 112.70): BGC

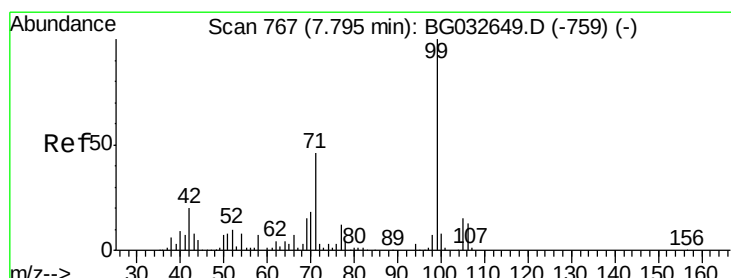
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Time-->



Time-->



#7

Phenol-d6

Concen: 104.691 ng

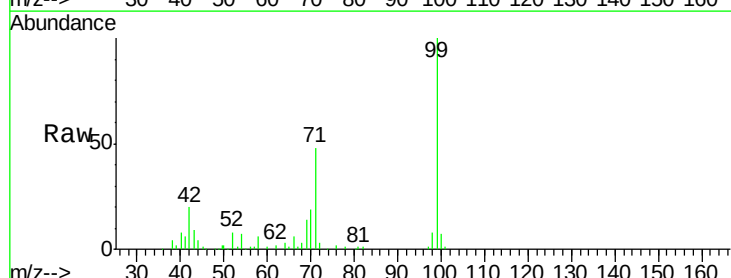
RT: 7.75 min Scan# 759

Delta R.T. -0.05 min

Lab File: BG032742.D

Acq: 16 Feb 2018 17:43

Tgt Ion:	99	Resp:	149822
Ion Ratio	Lower	Upper	
99	100		
42	20.1	14.1	21.1
71	47.5	26.1	39.1#

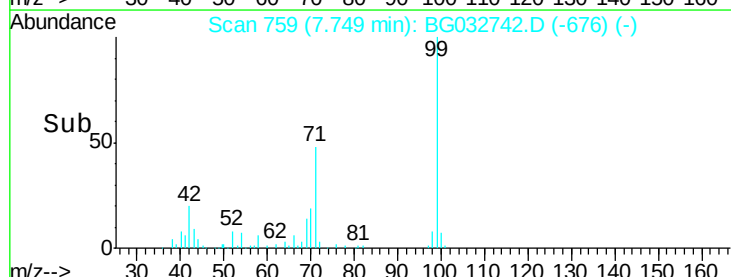


Abundance Ion 99.00 (98.70 to 99.70): BGC

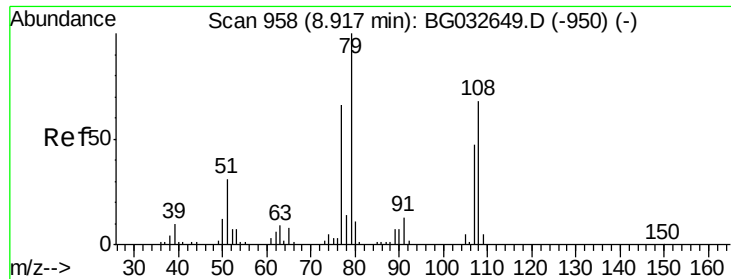
Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

Time-->



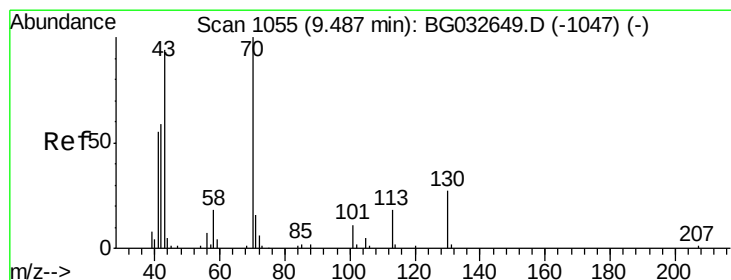
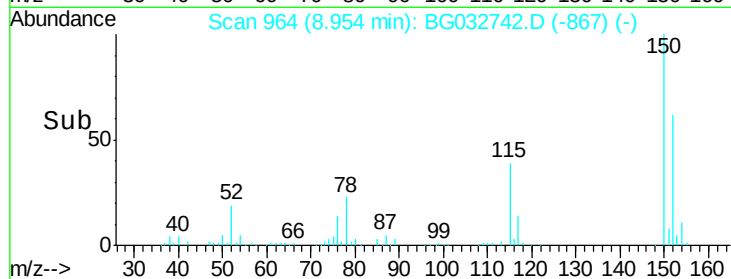
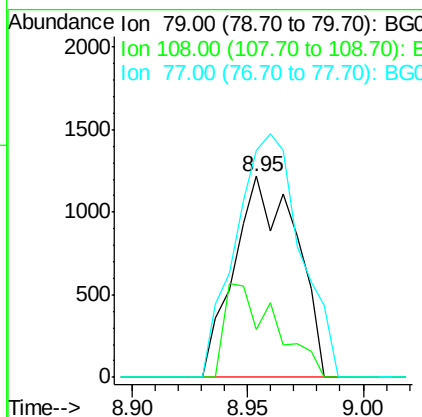
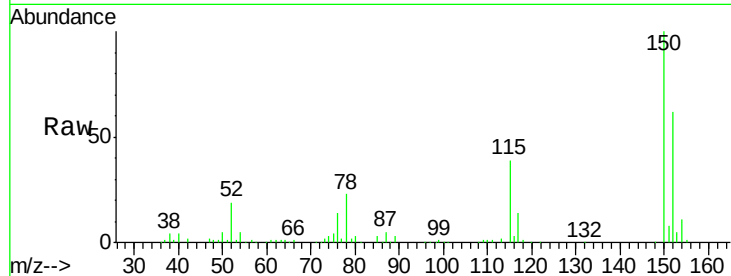
Time-->



#15
Benzyl Alcohol
Concen: 2.114 ng
RT: 8.95 min Scan# 964
Delta R.T. 0.04 min
Lab File: BG032742.D
Acq: 16 Feb 2018 17:43

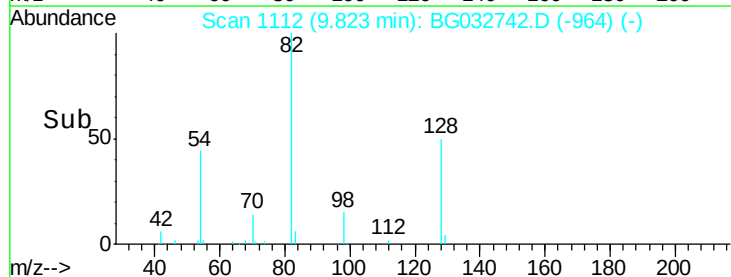
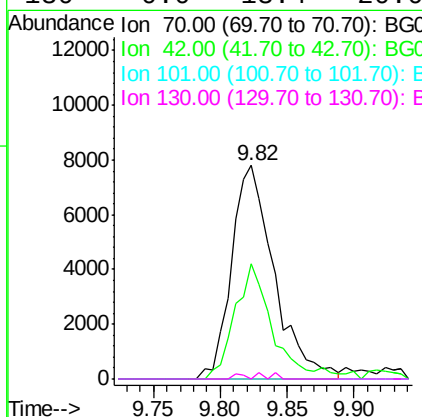
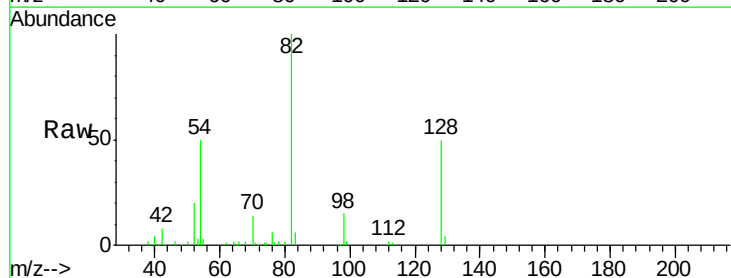
Instrument :
BNA_G
ClientSampleId :
OR-02-021518-B

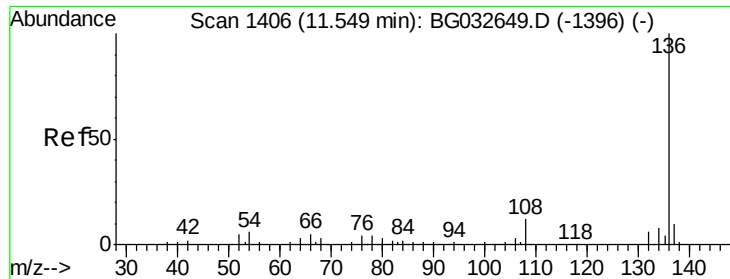
Tgt Ion: 79 Resp: 2268
Ion Ratio Lower Upper
79 100
108 23.8 57.2 85.8#
77 112.7 46.1 69.1#



#19
n-Nitroso-di-n-propylamine
Concen: 17.953 ng
RT: 9.82 min Scan# 1112
Delta R.T. 0.34 min
Lab File: BG032742.D
Acq: 16 Feb 2018 17:43

Tgt Ion: 70 Resp: 17272
Ion Ratio Lower Upper
70 100
42 53.7 49.1 73.7
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#

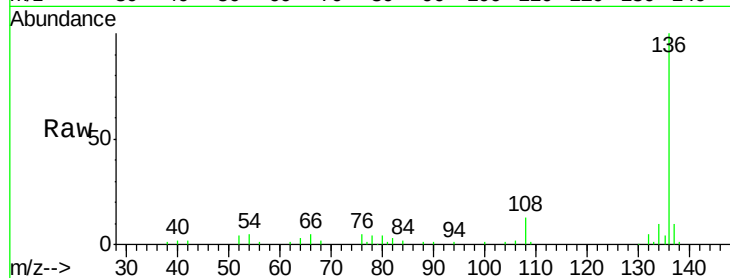




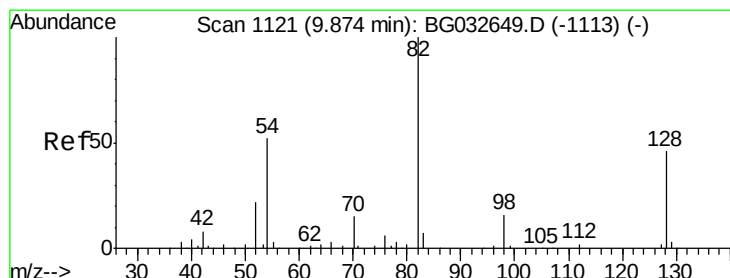
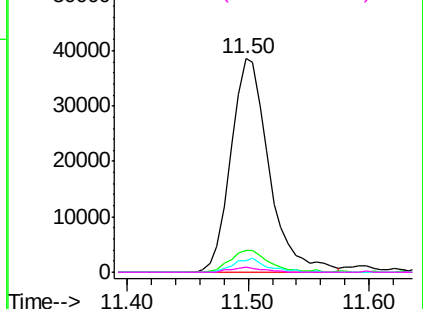
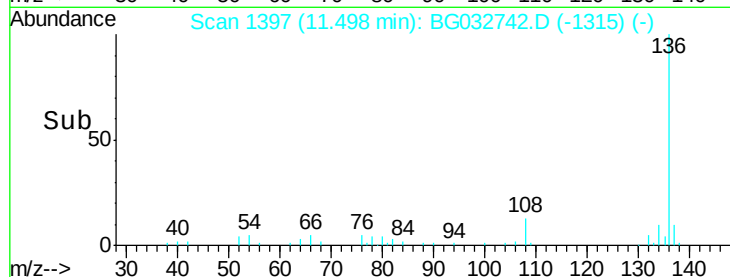
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.50 min Scan# 1397
Delta R.T. -0.05 min
Lab File: BG032742.D
Acq: 16 Feb 2018 17:43

Instrument :
BNA_G
ClientSampleId :
OR-02-021518-B

Tgt Ion: 136 Resp: 84795
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 5.3 10.3 15.5#
68 2.3 4.5 6.7#

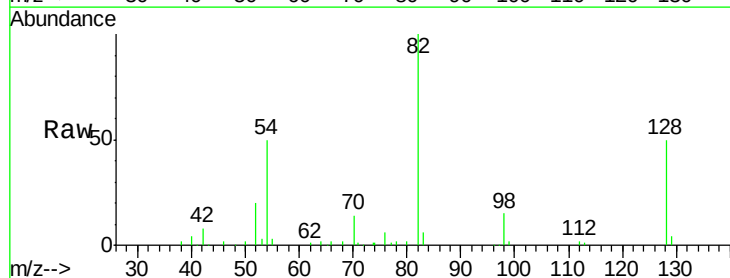


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

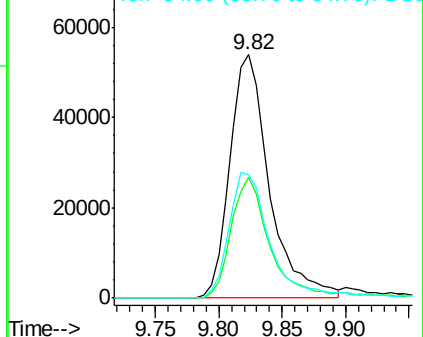
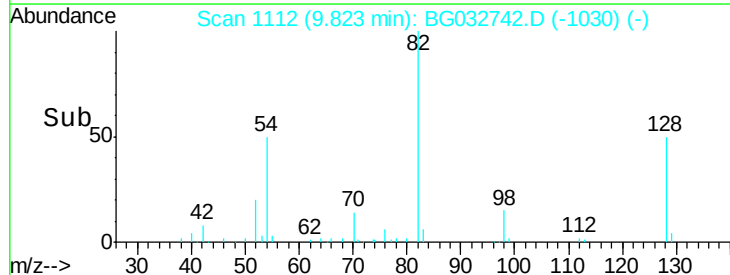


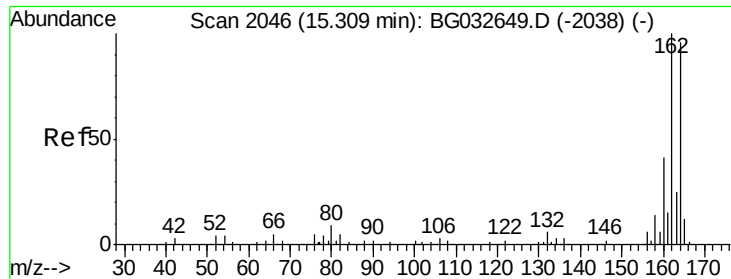
#23
Nitrobenzene-d5
Concen: 87.111 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BG032742.D
Acq: 16 Feb 2018 17:43

Tgt Ion: 82 Resp: 116223
Ion Ratio Lower Upper
82 100
128 49.8 29.7 44.5#
54 50.5 43.1 64.7



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: 15.26 min Scan# 2038

Delta R.T. -0.05 min

Lab File: BG032742.D

Acq: 16 Feb 2018 17:43

Instrument :

BNA_G

ClientSampleId :

OR-02-021518-B

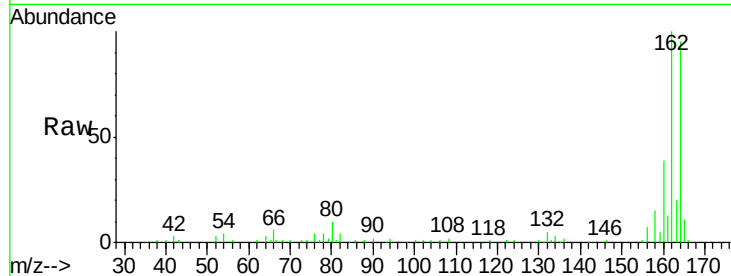
Tgt Ion:164 Resp: 62358

Ion Ratio Lower Upper

164 100

162 104.8 78.8 118.2

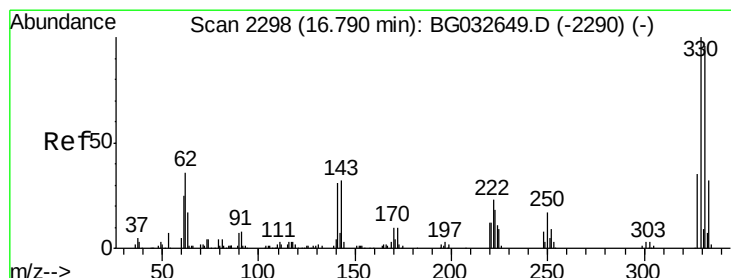
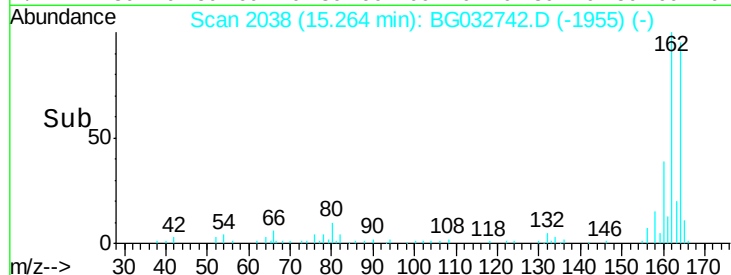
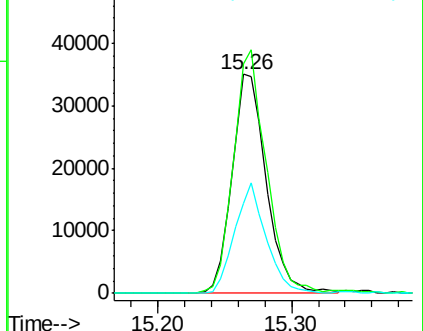
160 41.0 35.4 53.0



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: 197.883 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.04 min

Lab File: BG032742.D

Acq: 16 Feb 2018 17:43

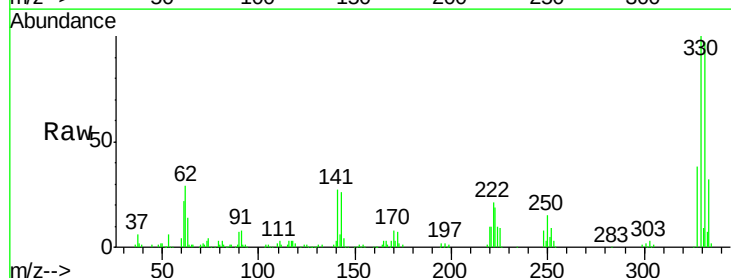
Tgt Ion:330 Resp: 190004

Ion Ratio Lower Upper

330 100

332 98.9 77.0 115.6

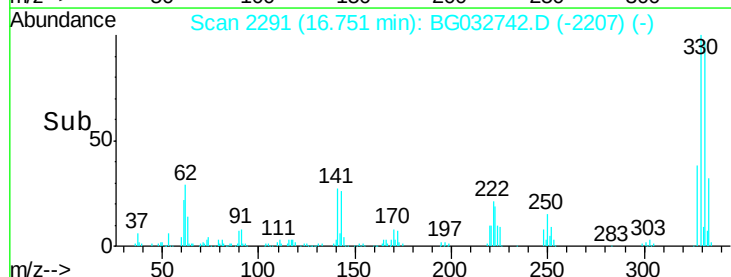
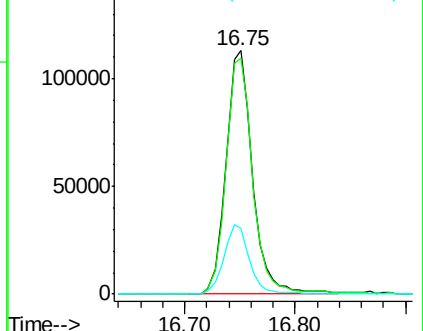
141 27.5 25.2 37.8

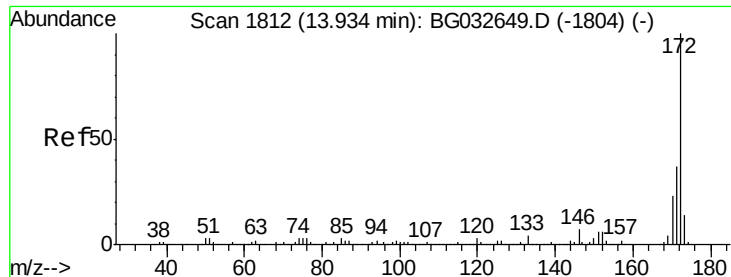


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

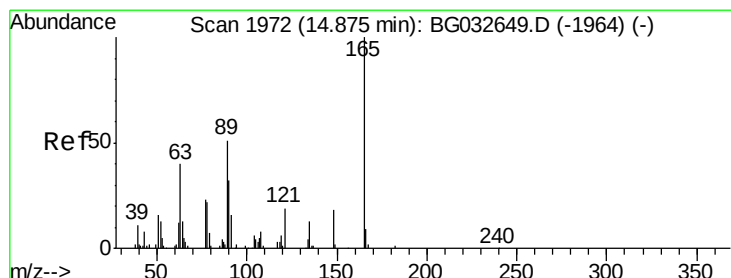
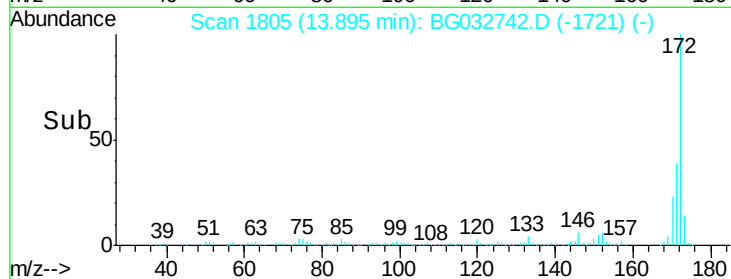
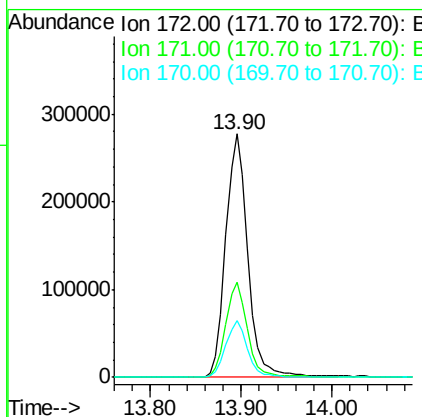
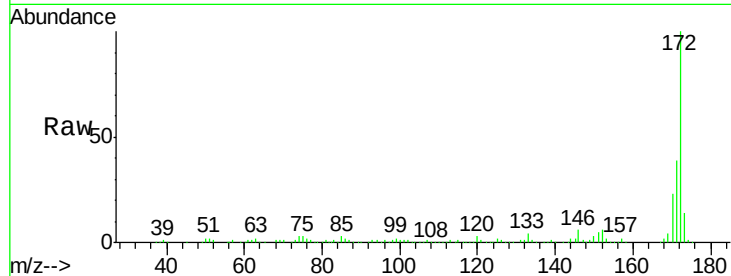




#44
 2-Fluorobiphenyl
 Concen: 94.485 ng
 RT: 13.90 min Scan# 1805
 Delta R.T. -0.04 min
 Lab File: BG032742.D
 Acq: 16 Feb 2018 17:43

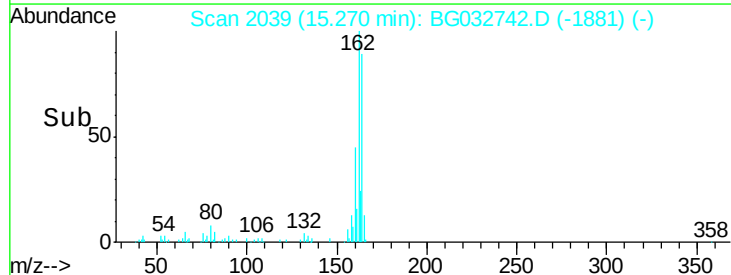
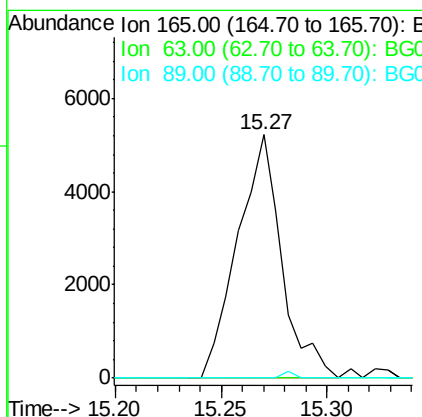
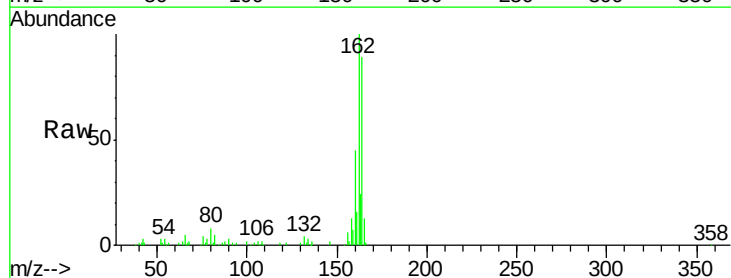
Instrument :
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 OR-02-021518-B

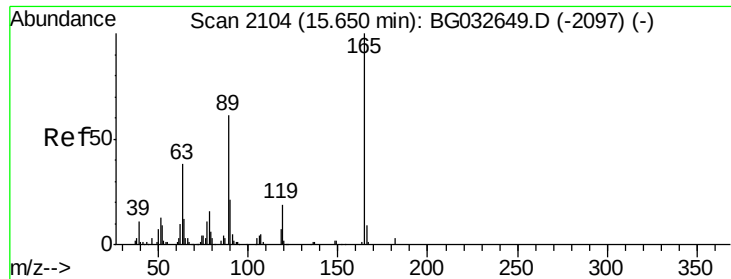
Tgt Ion:172 Resp: 471155
 Ion Ratio Lower Upper
 172 100
 171 39.0 30.0 45.0
 170 23.5 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.804 ng
 RT: 15.27 min Scan# 2039
 Delta R.T. 0.40 min
 Lab File: BG032742.D
 Acq: 16 Feb 2018 17:43

Tgt Ion:165 Resp: 7553
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

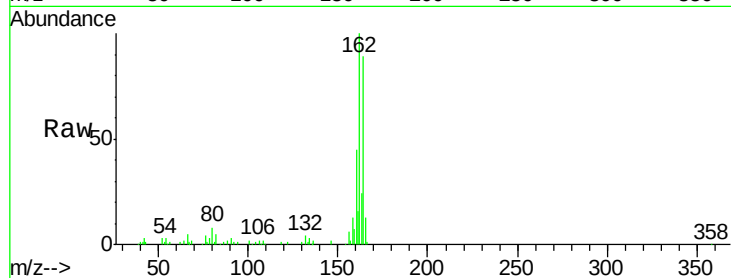




#56
2,4-Dinitrotoluene
Concen: 4.938 ng
RT: 15.27 min Scan# 2039
Delta R.T. -0.38 min
Lab File: BG032742.D
Acq: 16 Feb 2018 17:43

Instrument :
BNA_G
ClientSampleId :
OR-02-021518-B

Tgt Ion:	165	Resp:	7553
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#

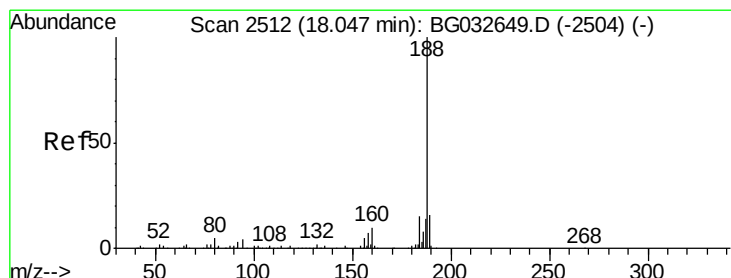
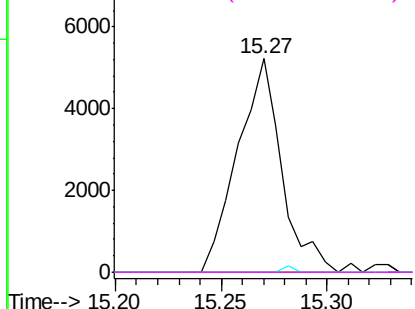
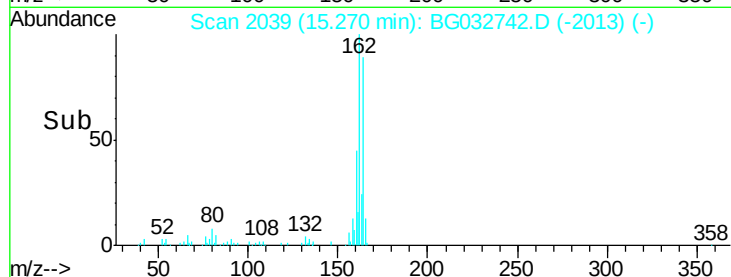


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

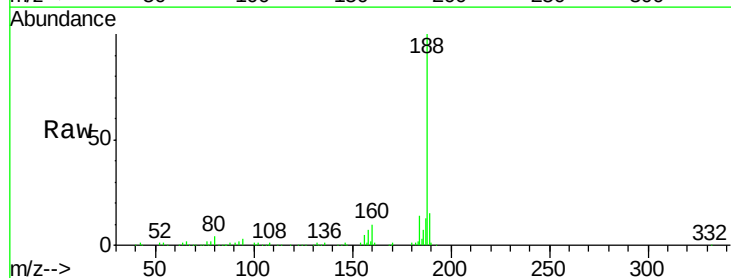
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.01 min Scan# 2505
Delta R.T. -0.04 min
Lab File: BG032742.D
Acq: 16 Feb 2018 17:43

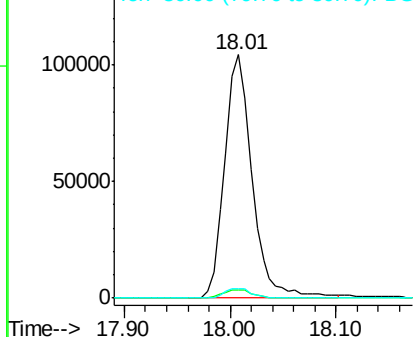
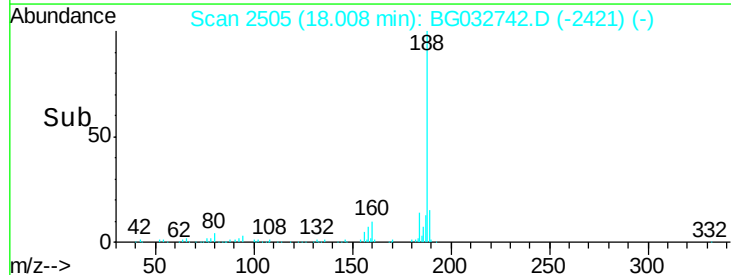
Tgt Ion:	188	Resp:	188899
Ion	Ratio	Lower	Upper
188	100		
94	3.4	6.9	10.3#
80	3.7	7.7	11.5#

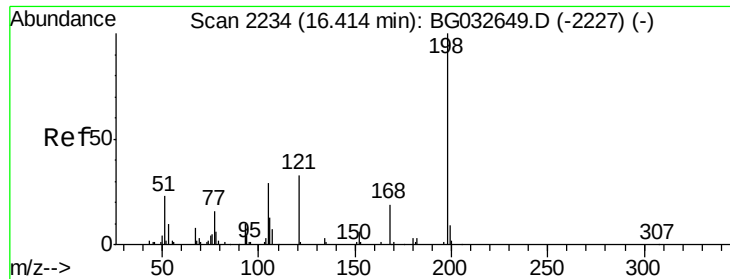


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

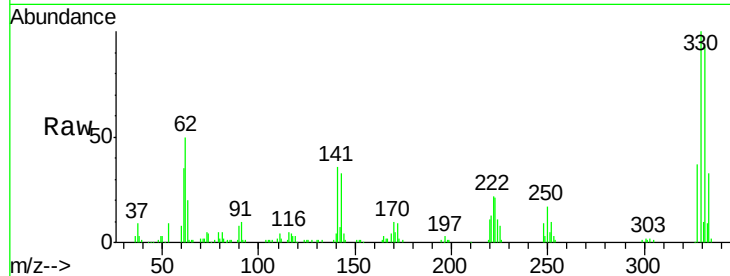




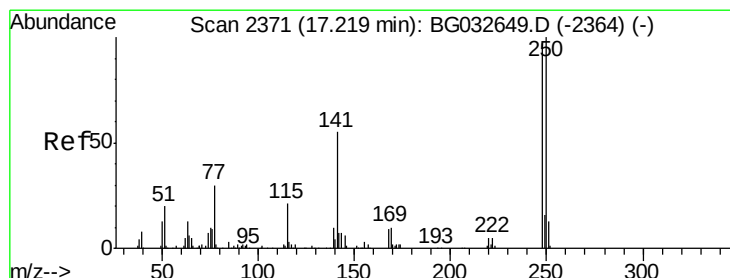
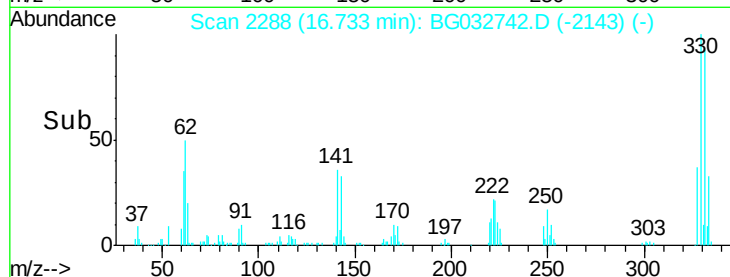
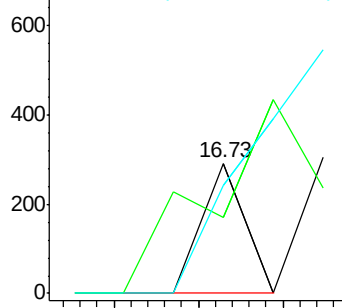
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.091 ng
 RT: 16.73 min Scan# 2288
 Delta R.T. 0.32 min
 Lab File: BG032742.D
 Acq: 16 Feb 2018 17:43

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-021518-B

Tgt Ion:198 Resp: 103
 Ion Ratio Lower Upper
 198 100
 51 33.7 30.6 70.6
 105 48.0 23.8 63.8

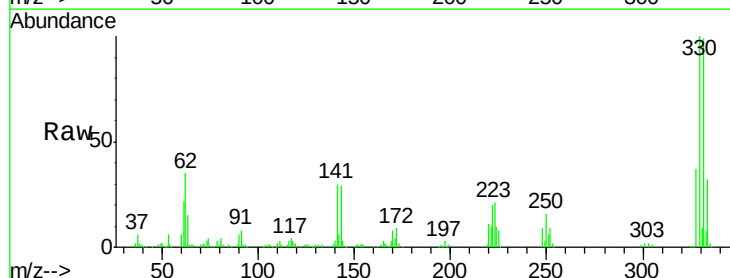


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

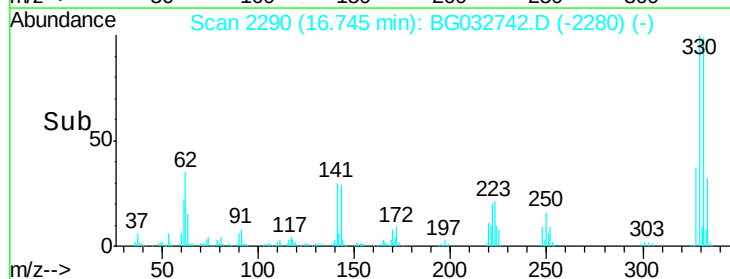
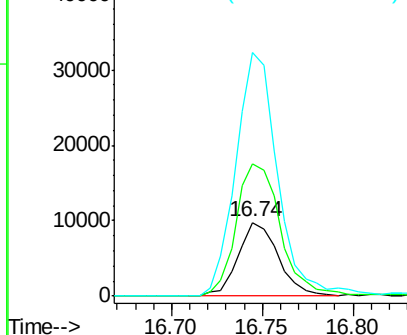


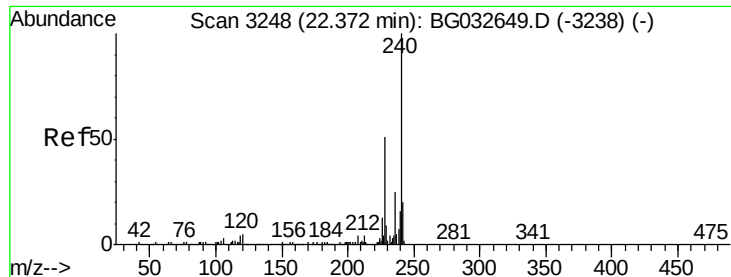
#66
 4-Bromophenyl-phenylether
 Concen: 5.614 ng
 RT: 16.74 min Scan# 2290
 Delta R.T. -0.47 min
 Lab File: BG032742.D
 Acq: 16 Feb 2018 17:43

Tgt Ion:248 Resp: 15177
 Ion Ratio Lower Upper
 248 100
 250 180.9 77.1 115.7#
 141 331.7 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: 22.33 min Scan# 3240

Delta R.T. -0.05 min

Lab File: BG032742.D

Acq: 16 Feb 2018 17:43

Instrument :

BNA_G

ClientSampleId :

OR-02-021518-B

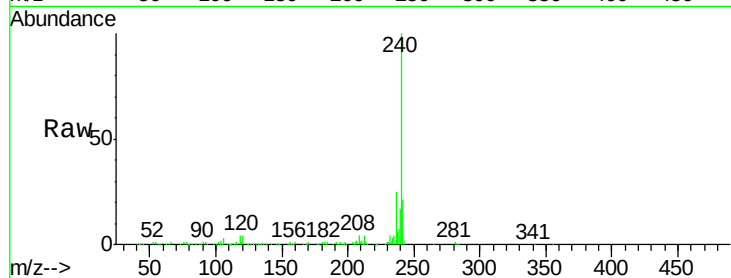
Tgt Ion:240 Resp: 248826

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

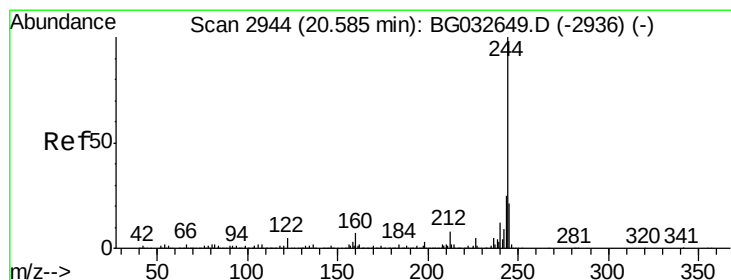
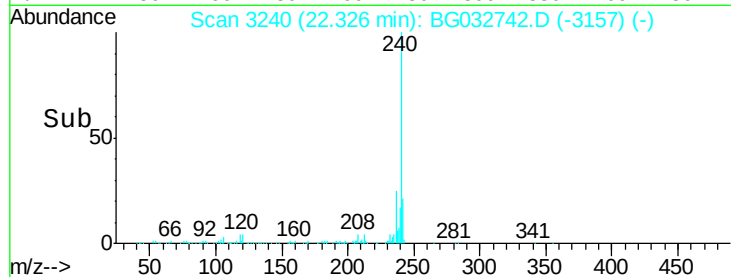
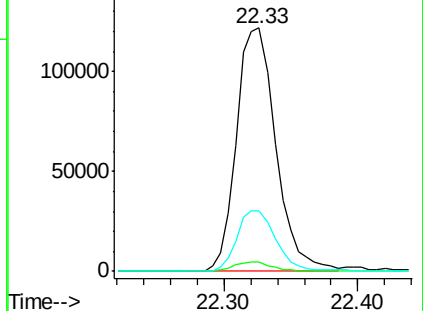
236 24.9 20.9 31.3



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: 104.871 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG032742.D

Acq: 16 Feb 2018 17:43

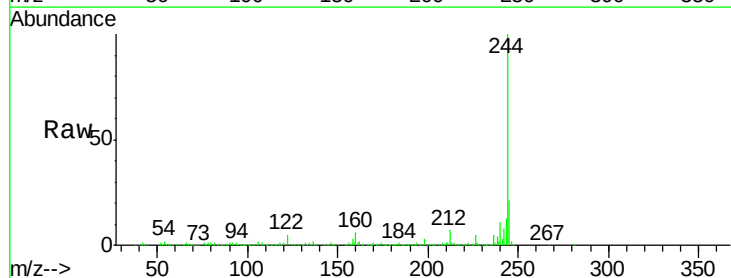
Tgt Ion:244 Resp: 1144899

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

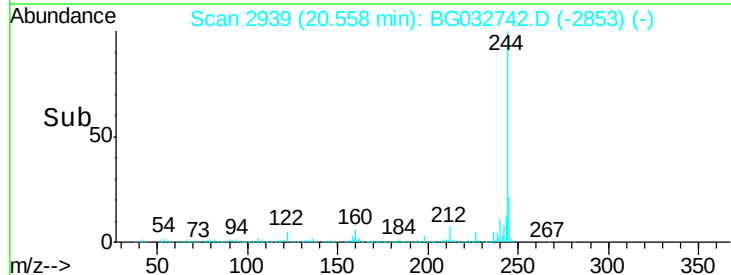
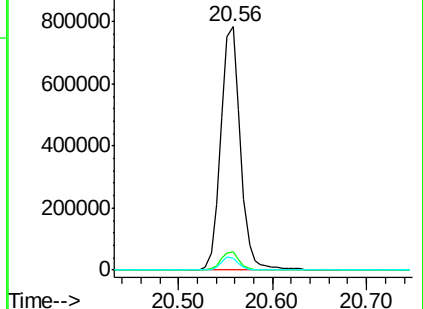
122 4.9 7.0 10.4#

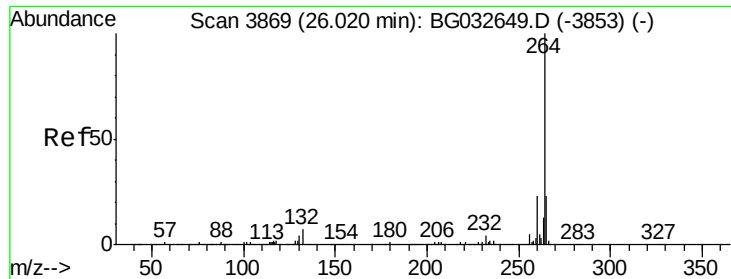


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG032742.D
Acq: 16 Feb 2018 17:43

Instrument :
BNA_G
ClientSampleId :
OR-02-021518-B

Tgt Ion: 264 Resp: 270676
Ion Ratio Lower Upper
264 100
260 25.3 17.4 26.0
265 21.4 17.7 26.5

