

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
 Data File : BG031730.D
 Acq On : 23 Dec 2017 2:55
 Operator : SJ/JU
 Sample : I7004-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-7-121917

Quant Time: Dec 23 04:30:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

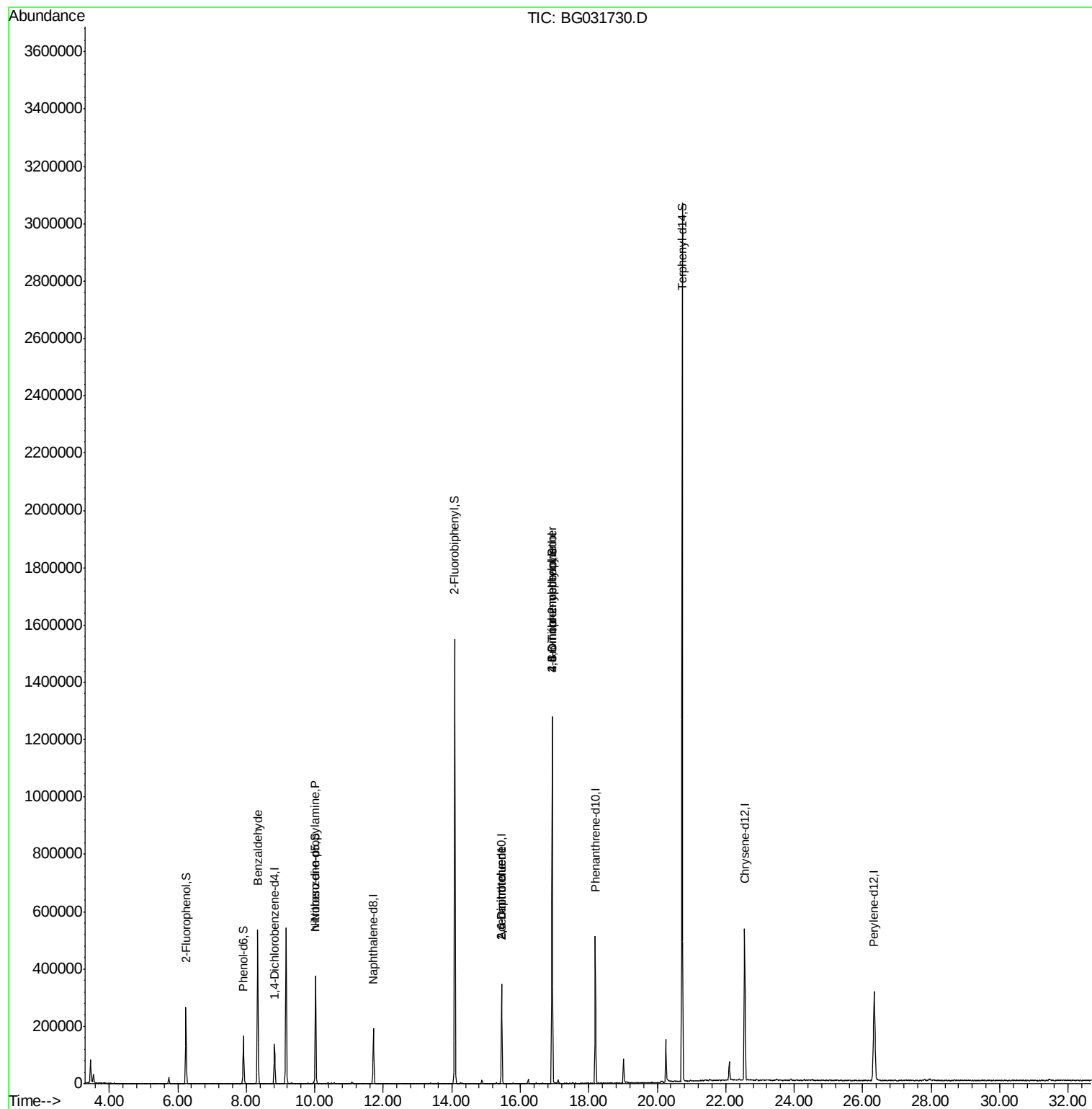
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	48761	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	196799	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	137188	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	353521	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	411860	20.00	ng	-0.02
86) Perylene-d12	26.33	264	437744	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	148881	55.61	ng	-0.01
7) Phenol-d6	7.92	99	114524	32.95	ng	-0.01
23) Nitrobenzene-d5	10.02	82	246504	94.58	ng	-0.02
41) 2,4,6-Tribromophenol	16.93	330	314225	150.11	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	924334	84.57	ng	-0.01
78) Terphenyl-d14	20.73	244	1676948	93.02	ng	-0.01
Target Compounds						
9) Benzaldehyde	8.33	77	6285	3.003	ng	89
19) n-Nitroso-di-n-propylamine	10.03	70	31529	13.282	ng	# 71
50) 2,6-Dinitrotoluene	15.46	165	17935	8.067	ng	# 20
56) 2,4-Dinitrotoluene	15.46	165	17935	6.273	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.93	198	744	8.664	ng	# 52
66) 4-Bromophenyl-phenylether	16.93	248	24362	4.766	ng	# 1

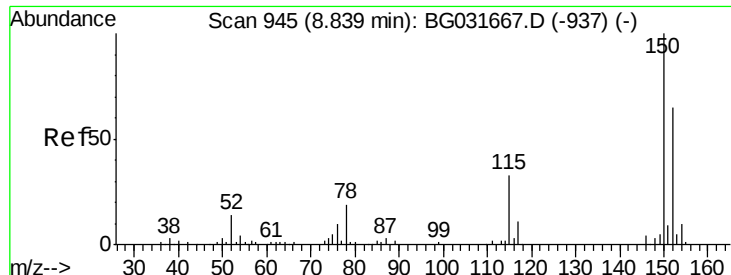
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031730.D
Acq On : 23 Dec 2017 2:55
Operator : SJ/JU
Sample : I7004-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-MW-7-121917

Quant Time: Dec 23 04:30:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration



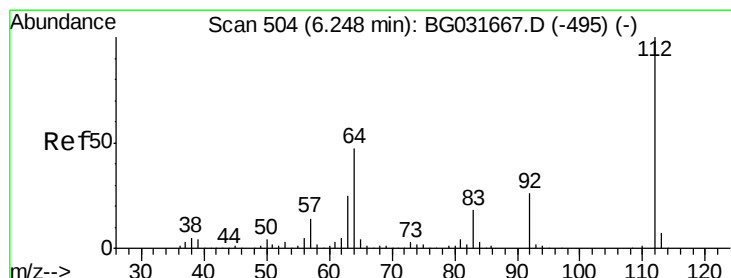
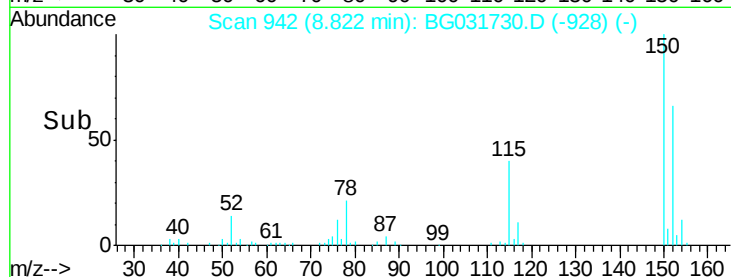
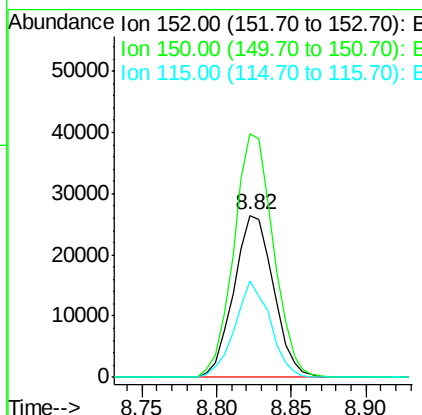
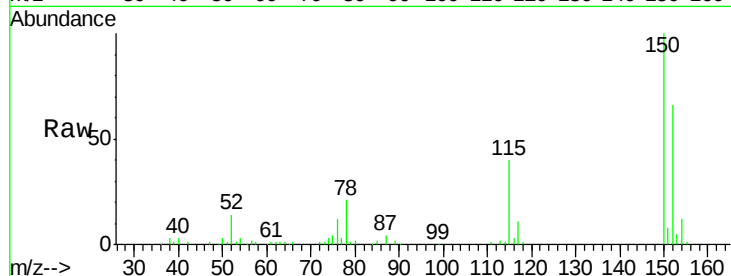


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031730.D
Acq: 23 Dec 2017 2:55

Instrument :
BNA_G
ClientSampleId :
C-MW-7-121917

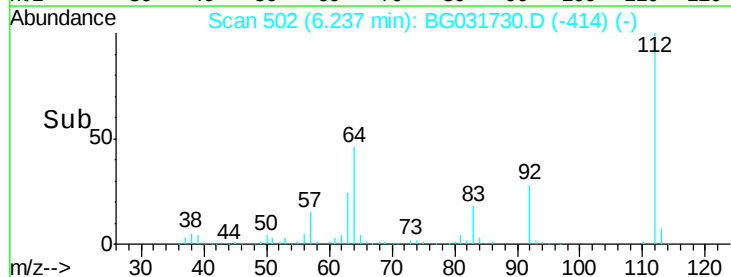
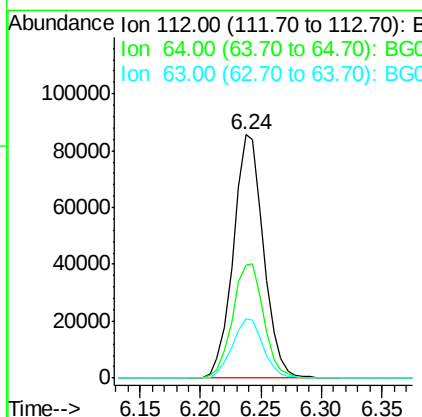
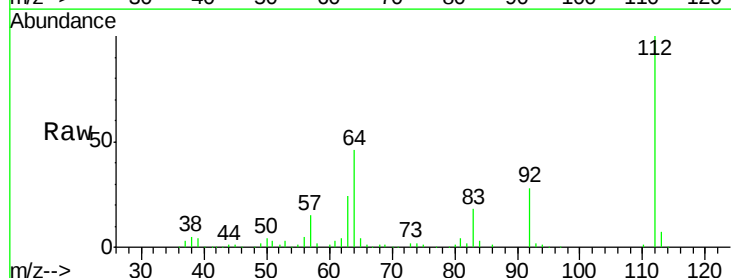
Tot Ion:152 Resp: 48761
Ion Ratio Lower Upper
152 100
150 150.4 126.6 189.8
115 59.9 53.0 79.4



#5

2-Fluorophenol
Concen: 55.612 ng
RT: 6.24 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG031730.D
Acq: 23 Dec 2017 2:55

Tgt Ion:112 Resp: 148881
Ion Ratio Lower Upper
112 100
64 46.4 56.3 84.5#
63 24.3 30.1 45.1#





#7

Phenol-d6

Concen: 32.949 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031730.D

Acq: 23 Dec 2017 2:55

Instrument :

BNA_G

ClientSampleId :

C-MW-7-121917

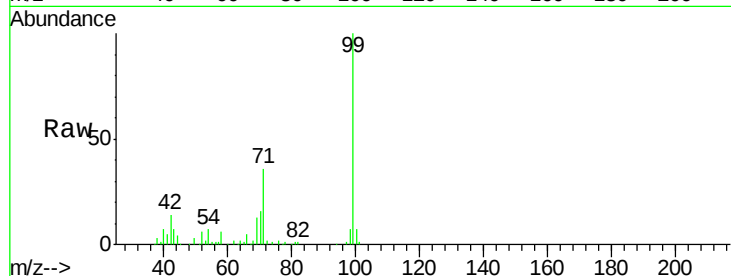
Tot Ion: 99 Resp: 114524

Ion Ratio Lower Upper

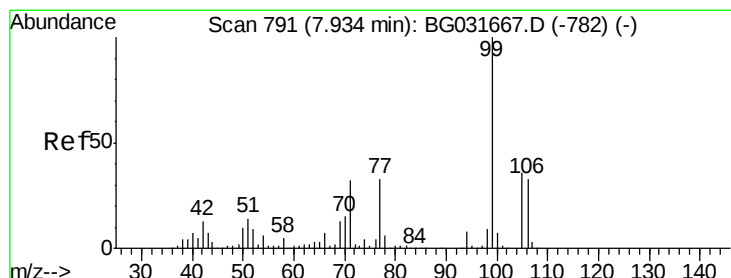
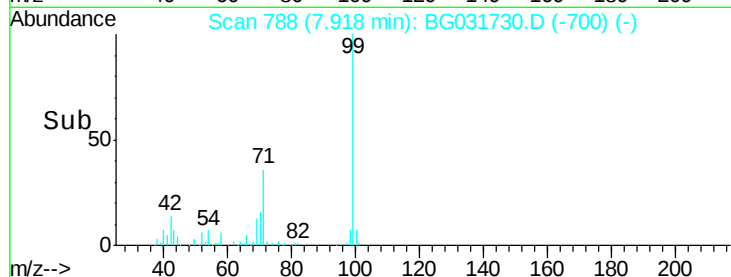
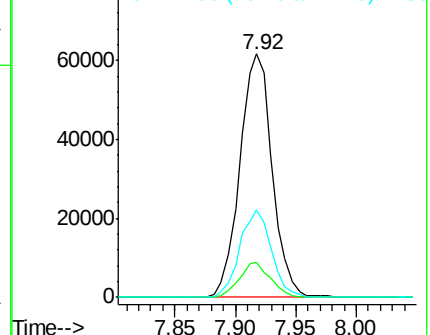
99 100

42 14.4 14.1 21.1

71 35.8 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



#9

Benzaldehyde

Concen: 3.003 ng

RT: 8.33 min Scan# 859

Delta R.T. 0.40 min

Lab File: BG031730.D

Acq: 23 Dec 2017 2:55

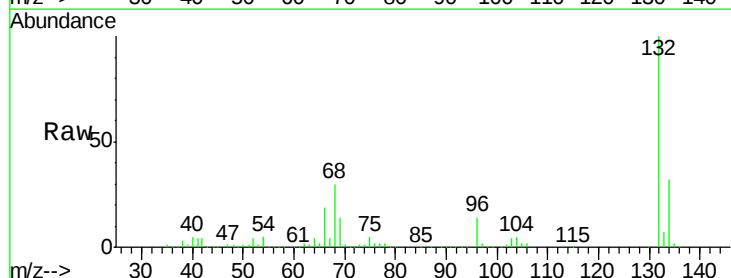
Tgt Ion: 77 Resp: 6285

Ion Ratio Lower Upper

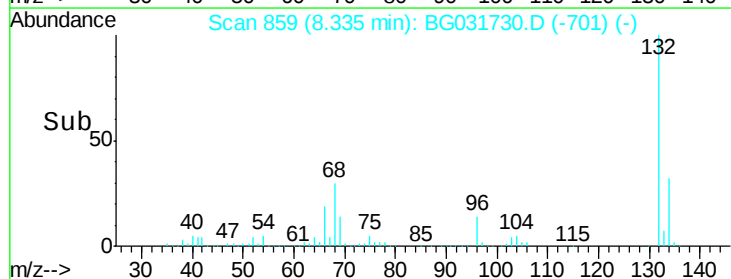
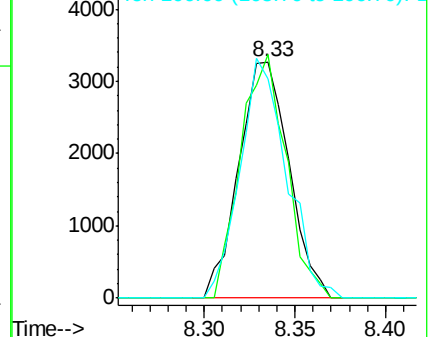
77 100

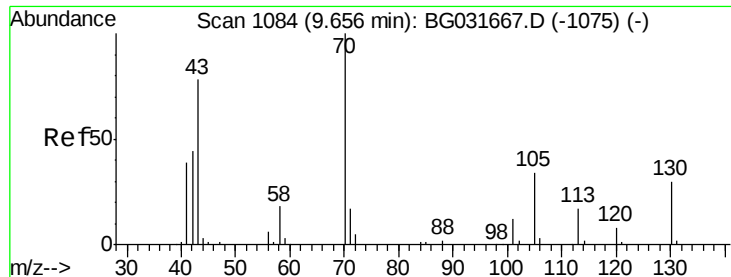
105 103.2 71.3 111.3

106 93.0 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

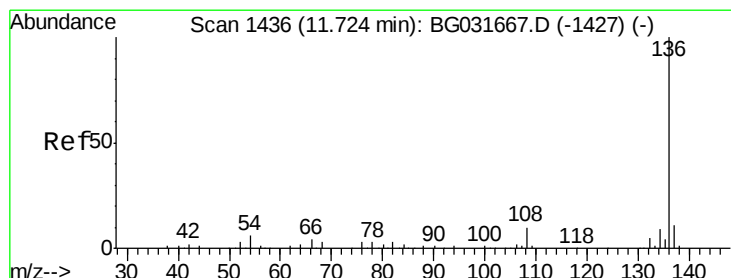
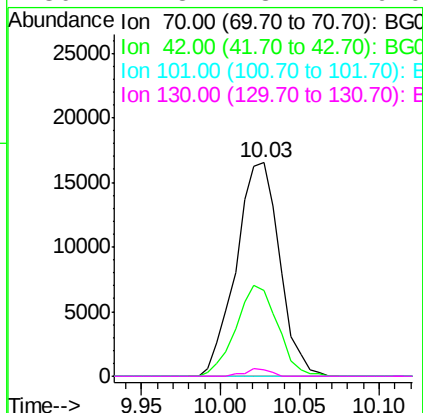
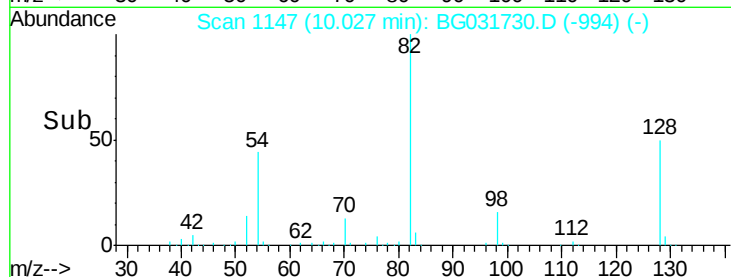
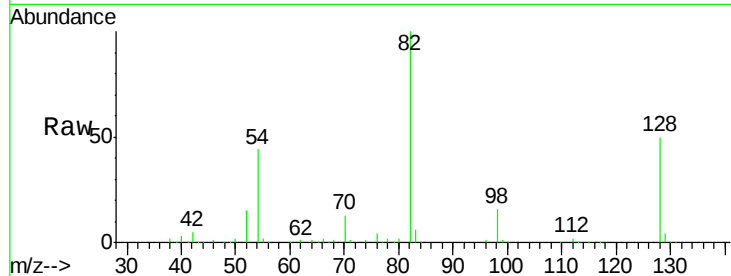




#19
n-Nitroso-di-n-propylamine
Concen: 13.282 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.37 min
Lab File: BG031730.D
Acq: 23 Dec 2017 2:55

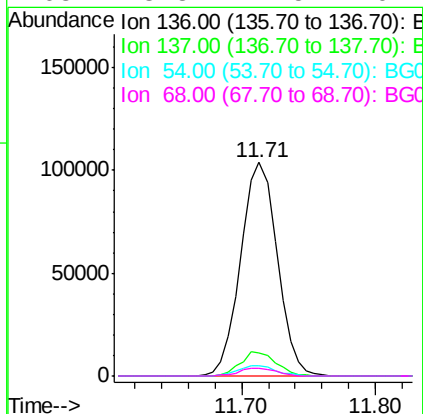
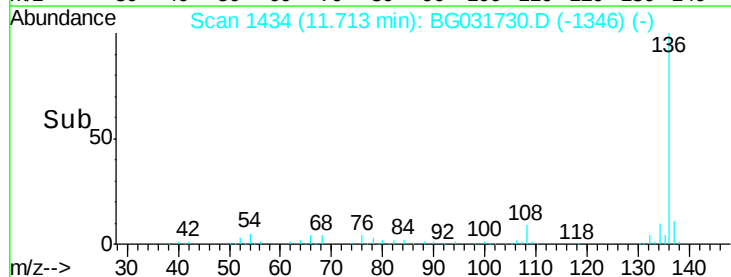
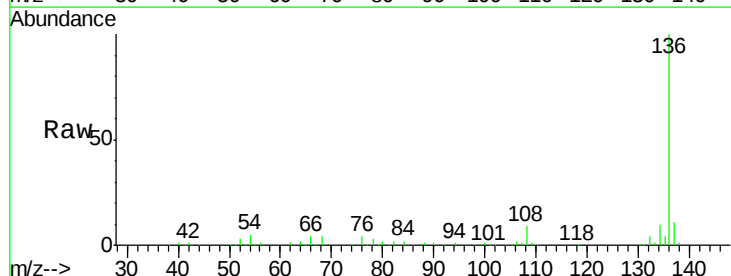
Instrument :
BNA_G
ClientSampleId :
C-MW-7-121917

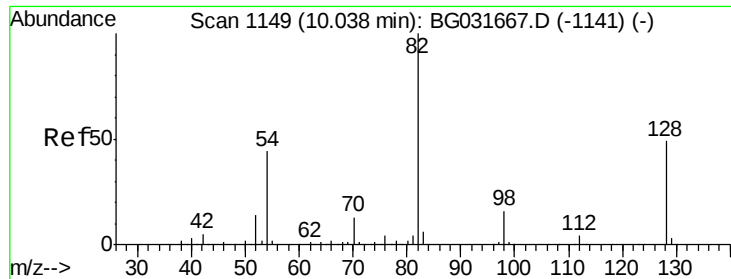
Tot Ion: 70 Resp: 31529
Ion Ratio Lower Upper
70 100
42 40.2 49.1 73.7#
101 0.0 8.5 12.7#
130 2.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031730.D
Acq: 23 Dec 2017 2:55

Tgt Ion: 136 Resp: 196799
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 4.9 10.3 15.5#
68 3.8 4.5 6.7#

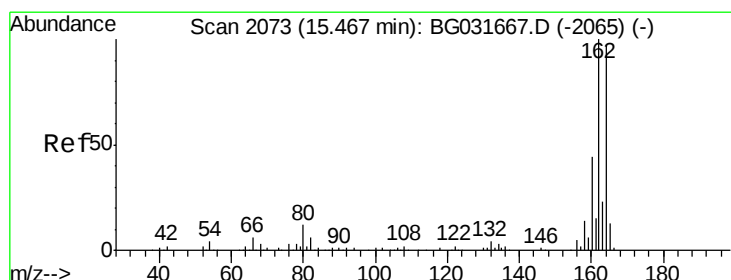
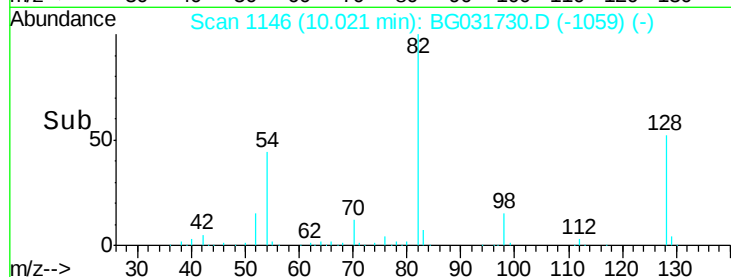
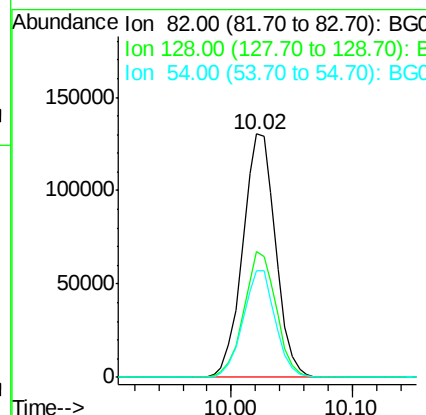
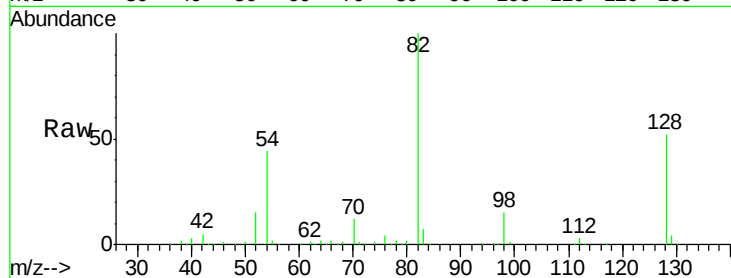




#23
Nitrobenzene-d5
Concen: 94.584 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG031730.D
Acq: 23 Dec 2017 2:55

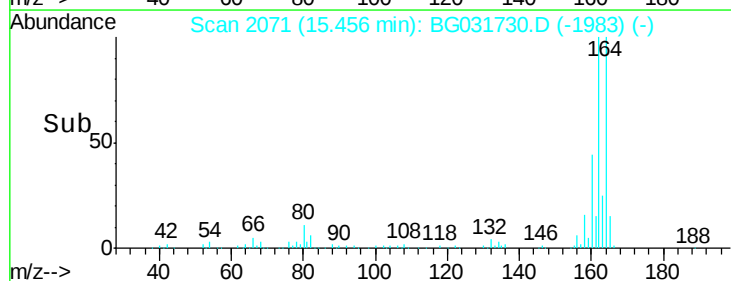
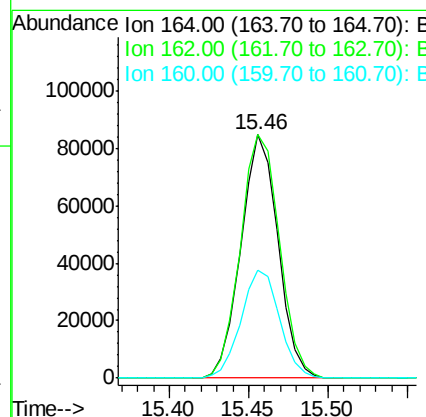
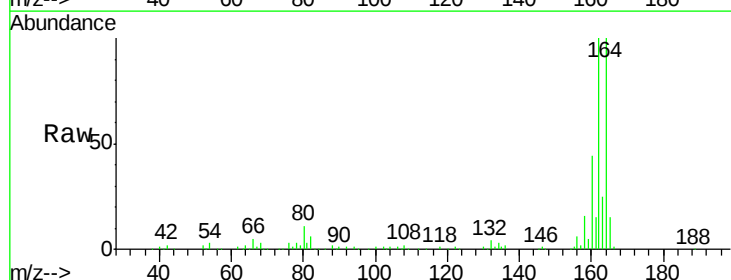
Instrument :
BNA_G
ClientSampleId :
C-MW-7-121917

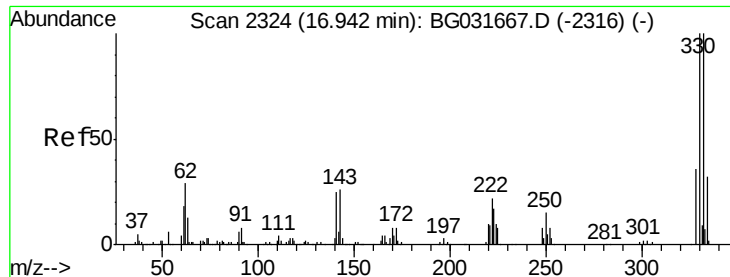
Tot Ion: 82 Resp: 246504
Ion Ratio Lower Upper
82 100
128 51.8 29.7 44.5#
54 43.7 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031730.D
Acq: 23 Dec 2017 2:55

Tgt Ion:164 Resp: 137188
Ion Ratio Lower Upper
164 100
162 100.0 78.8 118.2
160 44.4 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 150.110 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG031730.D

Acq: 23 Dec 2017 2:55

Instrument :

BNA_G

ClientSampleId :

C-MW-7-121917

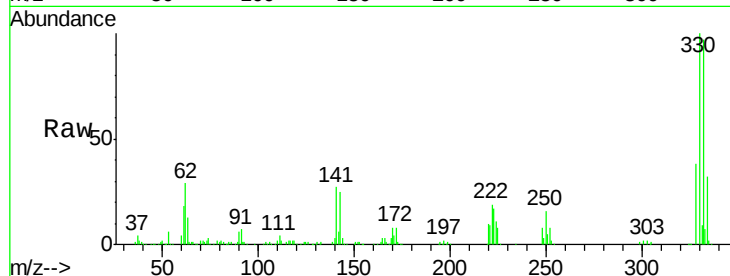
Tot Ion:330 Resp: 314225

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

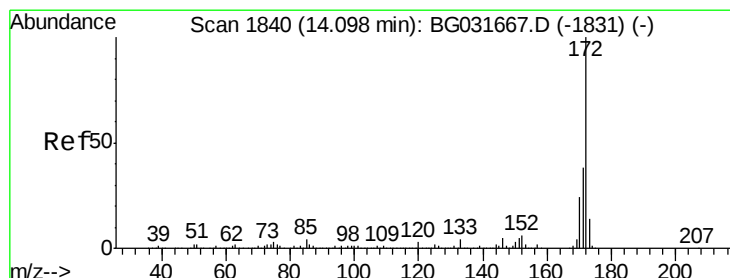
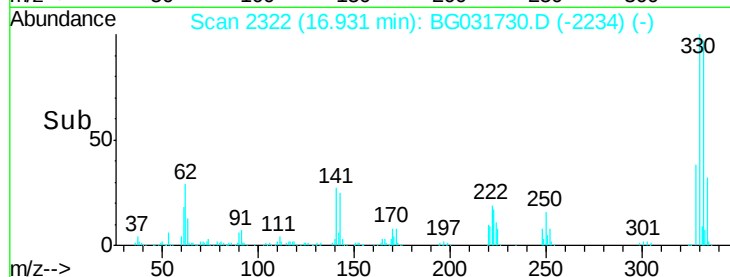
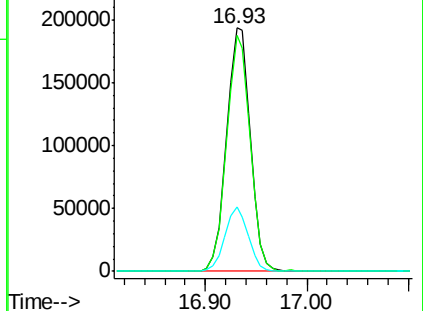
141 25.9 25.2 37.8



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: 84.567 ng

RT: 14.09 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG031730.D

Acq: 23 Dec 2017 2:55

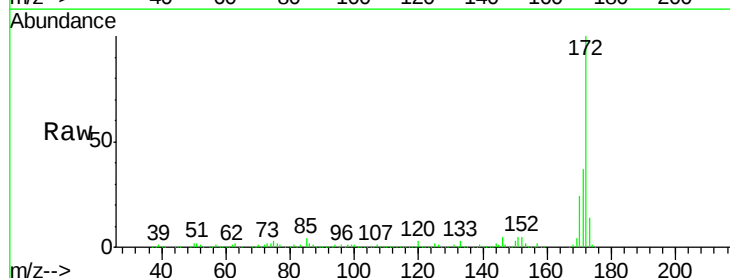
Tgt Ion:172 Resp: 924334

Ion Ratio Lower Upper

172 100

171 37.0 30.0 45.0

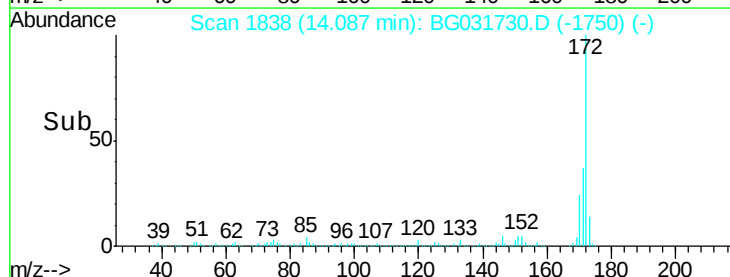
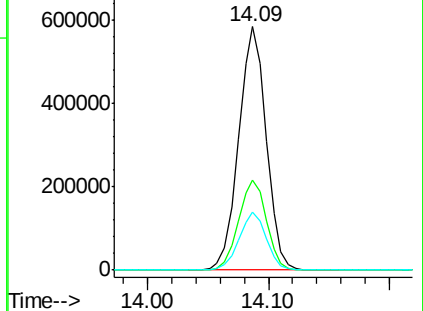
170 23.9 19.5 29.3

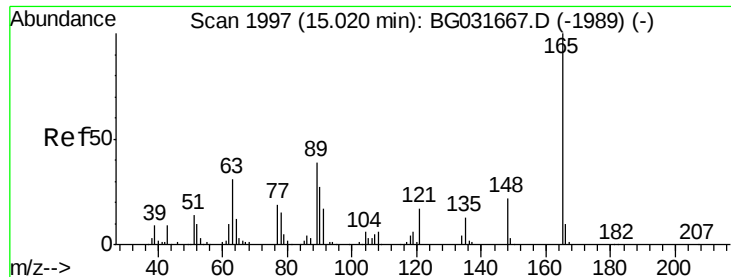


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

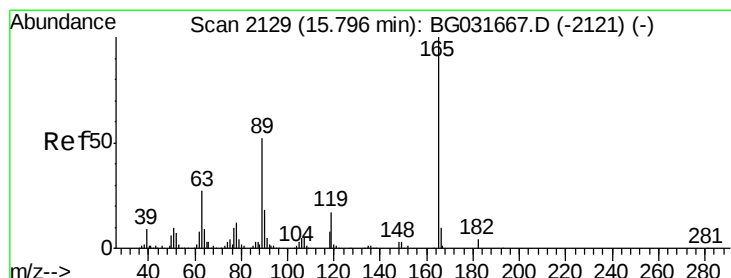
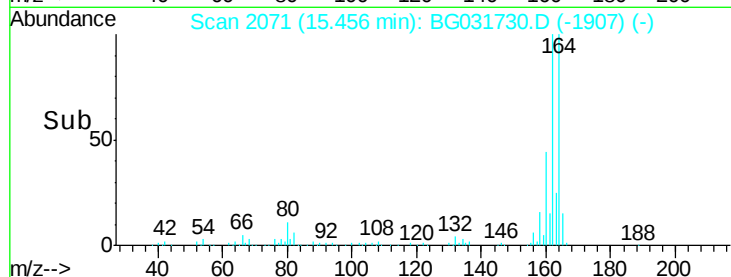
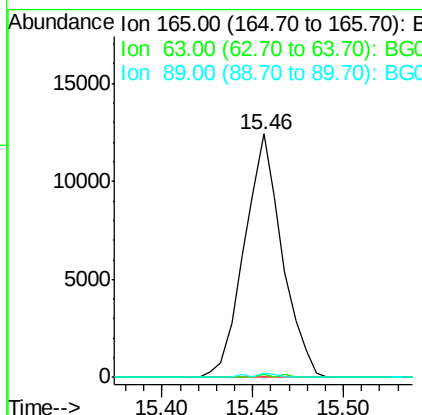
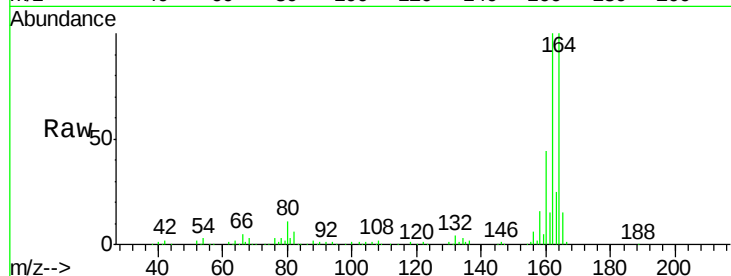




#50
2,6-Dinitrotoluene
Concen: 8.067 ng
RT: 15.46 min Scan# 2071
Delta R.T. 0.44 min
Lab File: BG031730.D
Acq: 23 Dec 2017 2:55

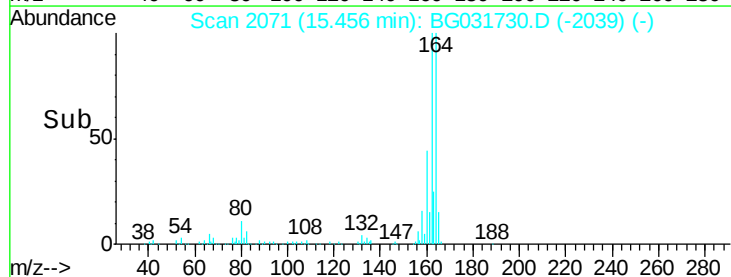
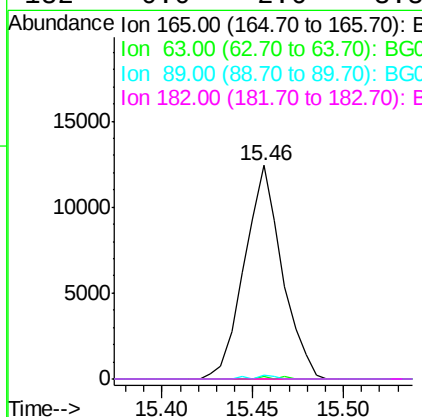
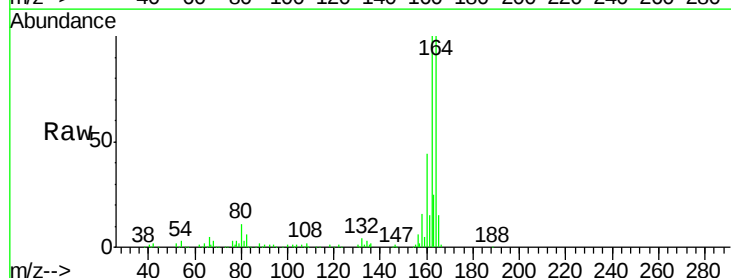
Instrument :
BNA_G
ClientSampleId :
C-MW-7-121917

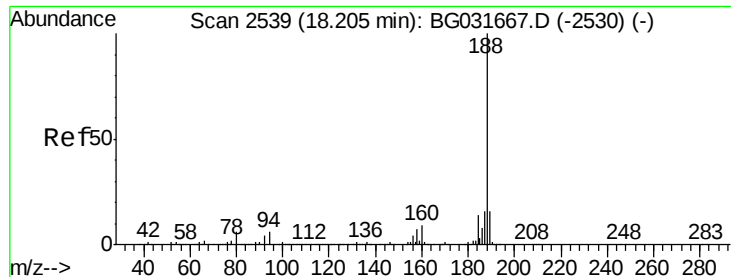
Tot Ion:165 Resp: 17935
Ion Ratio Lower Upper
165 100
63 1.3 52.7 79.1#
89 1.9 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 6.273 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.34 min
Lab File: BG031730.D
Acq: 23 Dec 2017 2:55

Tgt Ion:165 Resp: 17935
Ion Ratio Lower Upper
165 100
63 1.3 42.0 63.0#
89 1.9 66.9 100.3#
182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.19 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BG031730.D

Acq: 23 Dec 2017 2:55

Instrument :

BNA_G

ClientSampleId :

C-MW-7-121917

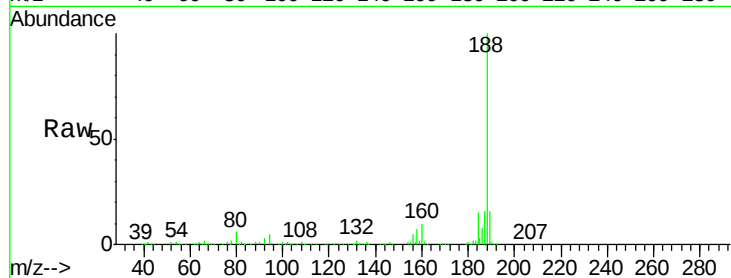
Tot Ion:188 Resp: 353521

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

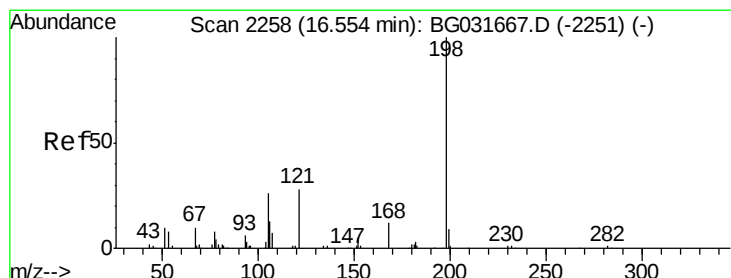
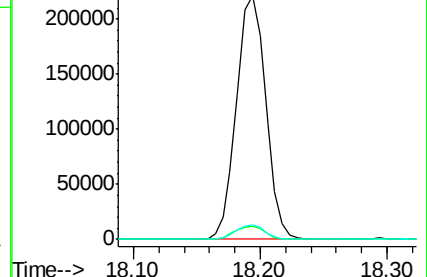
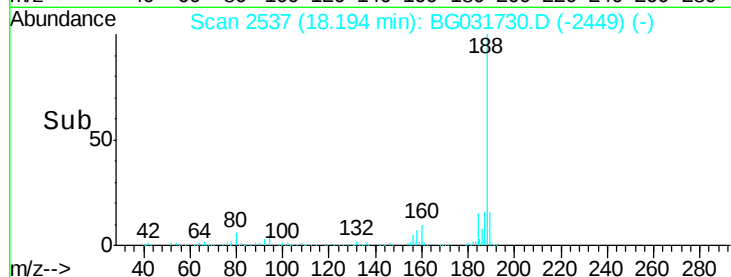
80 6.2 7.7 11.5#



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: 8.664 ng

RT: 16.93 min Scan# 2322

Delta R.T. 0.38 min

Lab File: BG031730.D

Acq: 23 Dec 2017 2:55

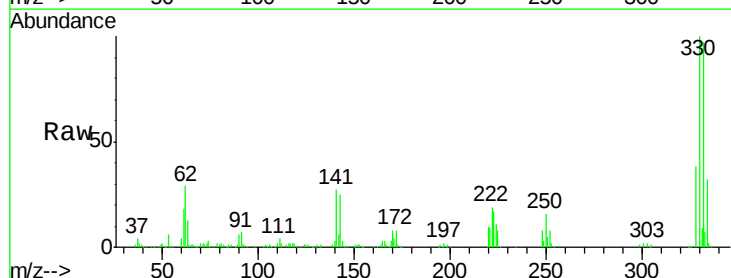
Tgt Ion:198 Resp: 744

Ion Ratio Lower Upper

198 100

51 61.2 30.6 70.6

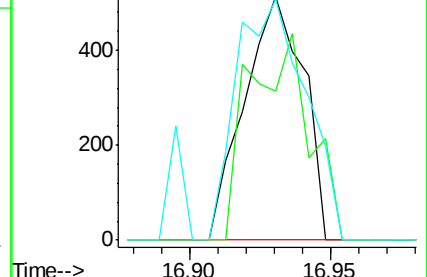
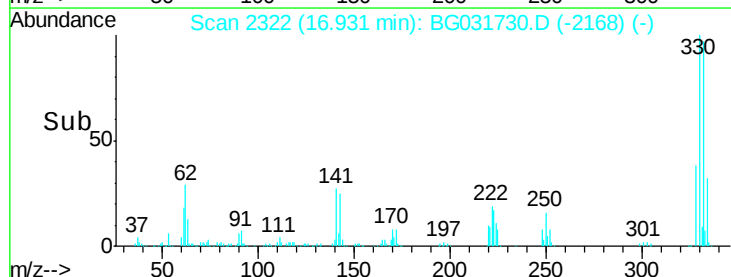
105 98.8 23.8 63.8#

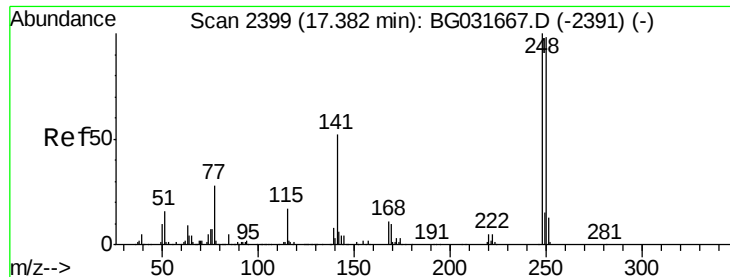


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

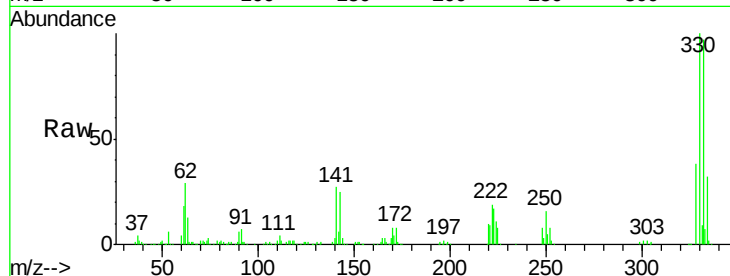




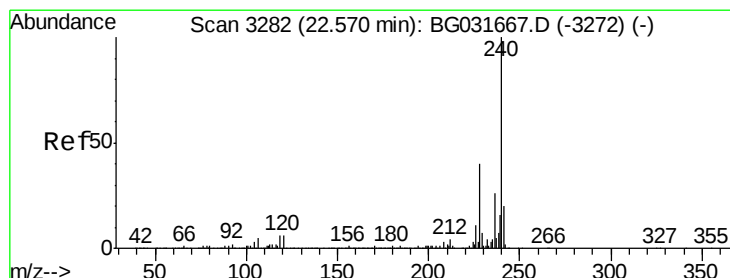
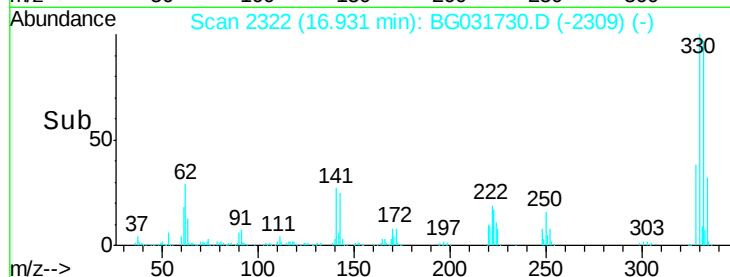
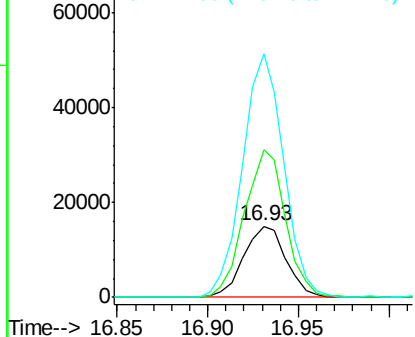
#66
4-Bromophenyl-phenylether
Concen: 4.766 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.45 min
Lab File: BG031730.D
Acq: 23 Dec 2017 2:55

Instrument :
BNA_G
ClientSampleId :
C-MW-7-121917

Tot Ion:248 Resp: 24362
Ion Ratio Lower Upper
248 100
250 208.1 77.1 115.7#
141 341.8 50.8 76.2#

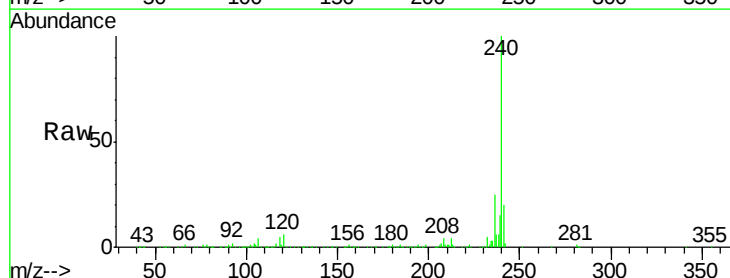


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

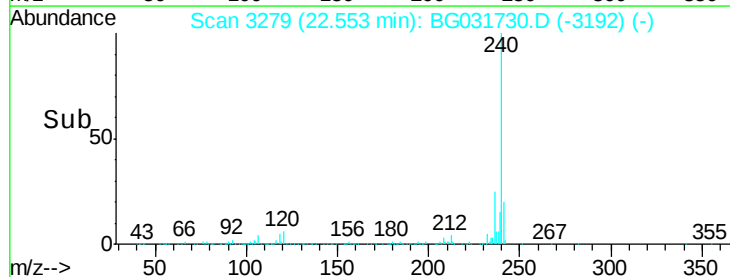
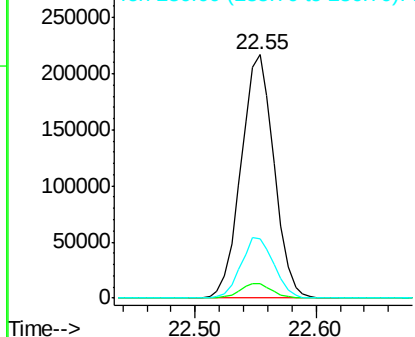


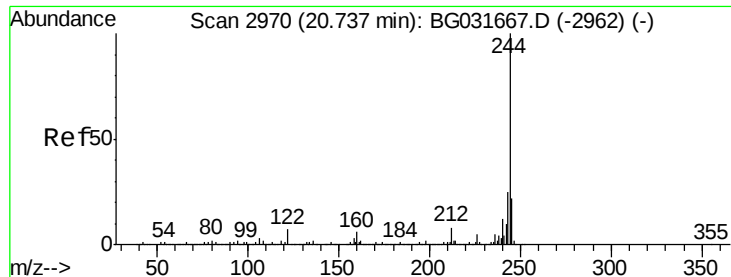
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031730.D
Acq: 23 Dec 2017 2:55

Tgt Ion:240 Resp: 411860
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 24.6 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: 93.023 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031730.D

Acq: 23 Dec 2017 2:55

Instrument :

BNA_G

ClientSampleId :

C-MW-7-121917

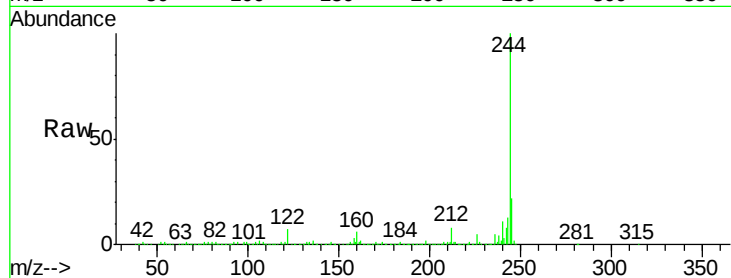
Tot Ion:244 Resp: 1676948

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

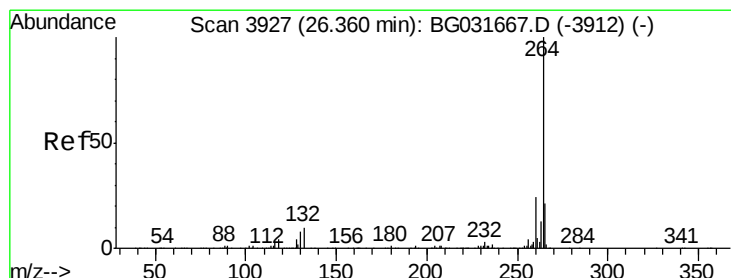
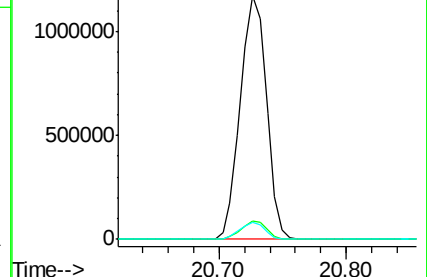
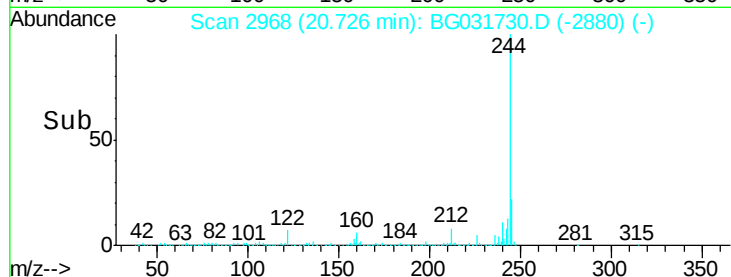
122 7.0 7.0 10.4



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: 26.33 min Scan# 3922

Delta R.T. -0.03 min

Lab File: BG031730.D

Acq: 23 Dec 2017 2:55

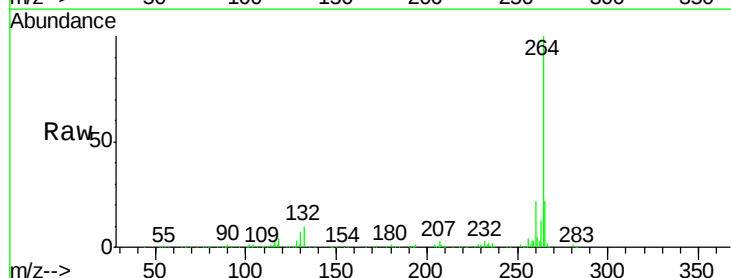
Tgt Ion:264 Resp: 437744

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 22.2 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

