

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122617\
 Data File : BG031757.D
 Acq On : 26 Dec 2017 12:14
 Operator : SJ/JU
 Sample : I7022-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 160

Quant Time: Dec 26 13:30:24 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

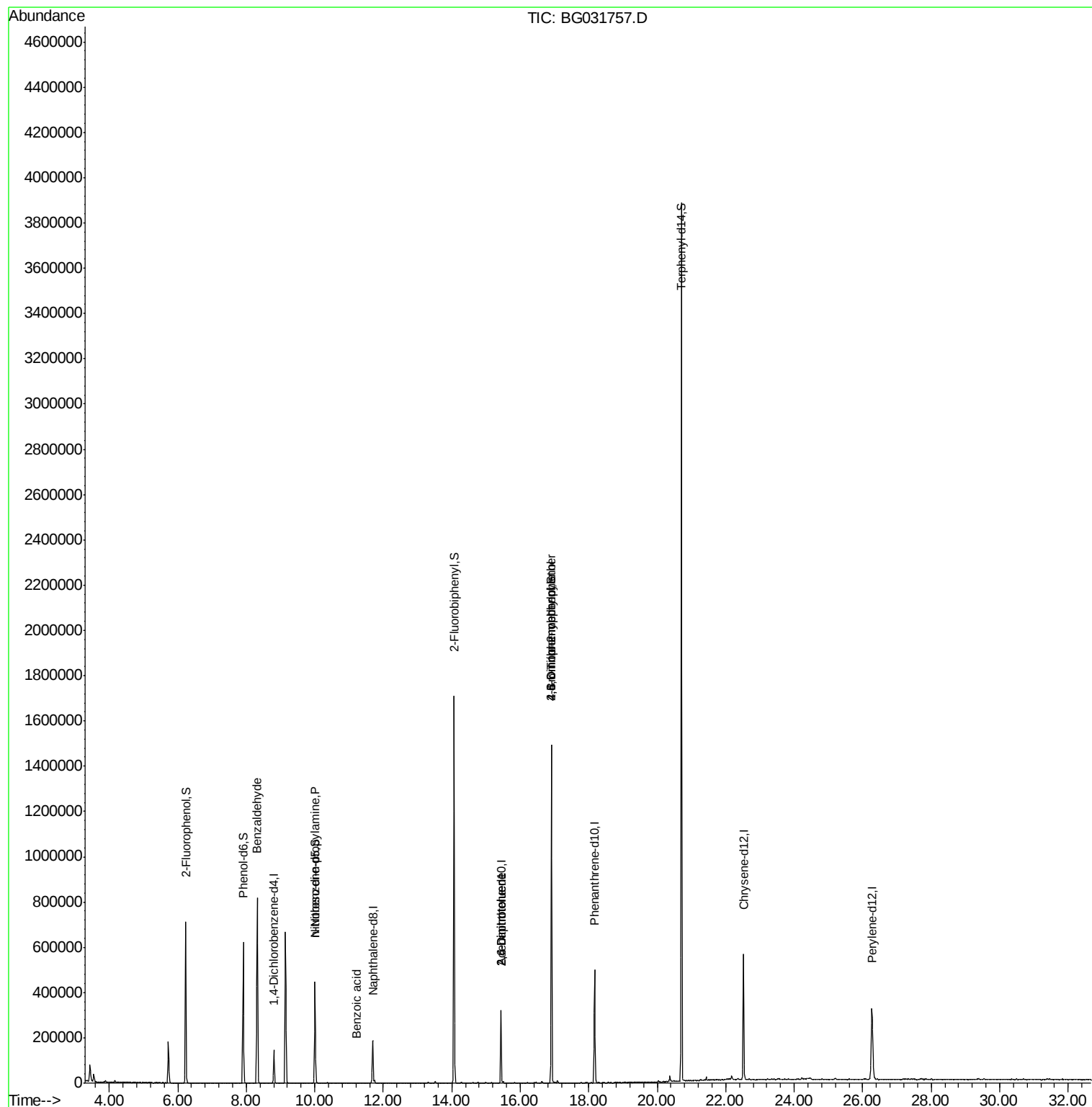
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	51311	20.00	ng	-0.03
21) Naphthalene-d8	11.70	136	193980	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	124466	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	340104	20.00	ng	-0.03
75) Chrysene-d12	22.51	240	423484	20.00	ng	-0.06
86) Perylene-d12	26.27	264	450273	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	395458	140.38	ng	-0.02
7) Phenol-d6	7.91	99	446665	122.12	ng	-0.02
23) Nitrobenzene-d5	10.01	82	289909	112.86	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	370779	195.23	ng	-0.03
44) 2-Fluorobiphenyl	14.07	172	1045696	105.45	ng	-0.03
78) Terphenyl-d14	20.70	244	2082368	112.34	ng	-0.03
Target Compounds						
9) Benzaldehyde	8.32	77	9896	4.493	ng	96
19) n-Nitroso-di-n-propylamine	10.01	70	38510	15.417	ng	# 72
32) Benzoic acid	11.21	122	58	6.720	ng	# 1
50) 2,6-Dinitrotoluene	15.43	165	15662	7.764	ng	# 20
56) 2,4-Dinitrotoluene	15.43	165	15662	6.038	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.90	198	1020	8.816	ng	# 69
66) 4-Bromophenyl-phenylether	16.91	248	29568	6.012	ng	# 1

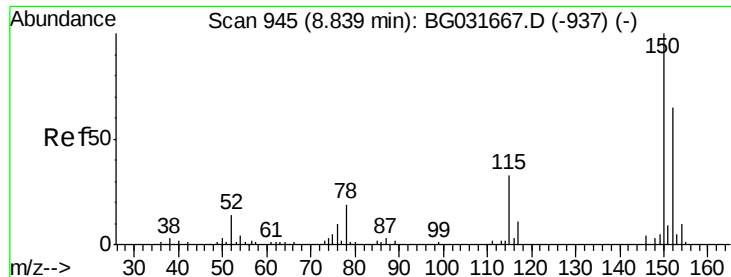
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122617\
Data File : BG031757.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
160

Quant Time: Dec 26 13:30:24 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



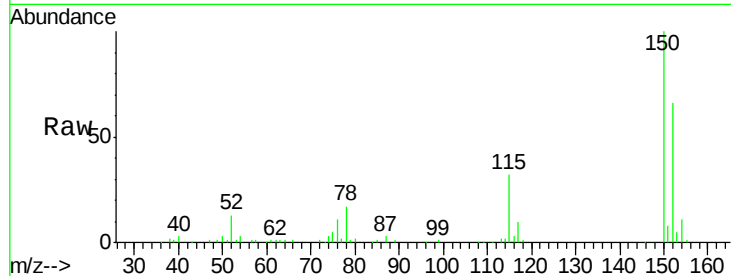


#1

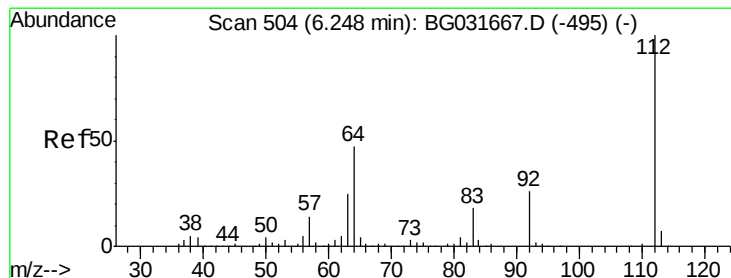
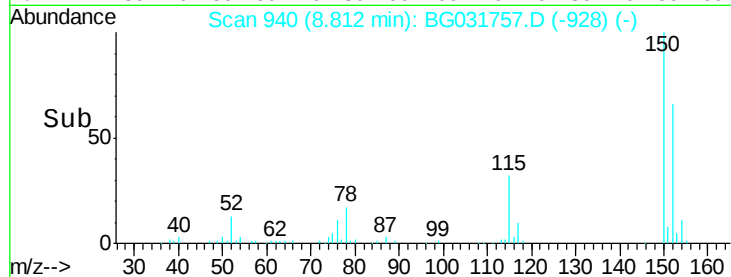
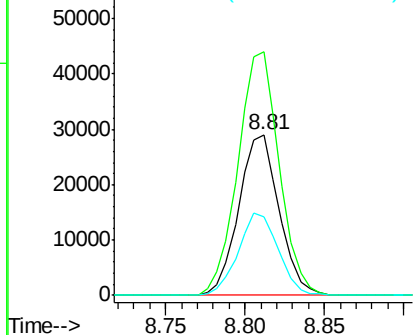
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.03 min
Lab File: BG031757.D
Acq: 26 Dec 2017 12:14

Instrument :
BNA_G
ClientSampled :
160

Tgt Ion:152 Resp: 51311
Ion Ratio Lower Upper
152 100
150 151.6 126.6 189.8
115 48.7 53.0 79.4#



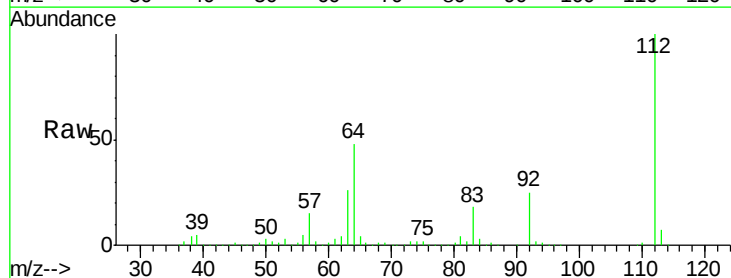
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



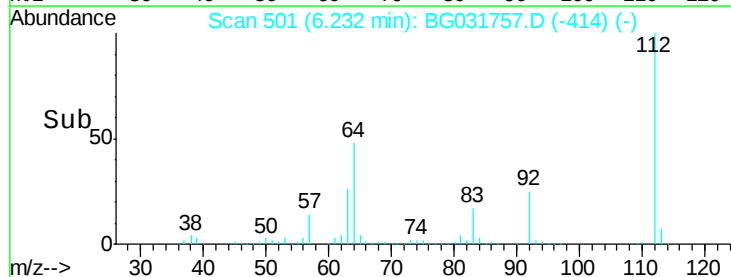
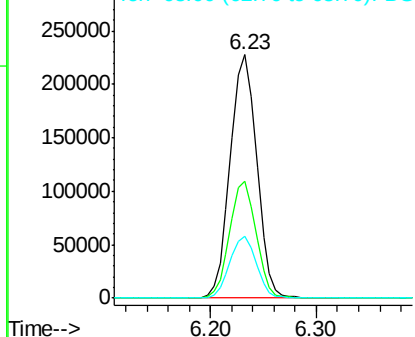
#5

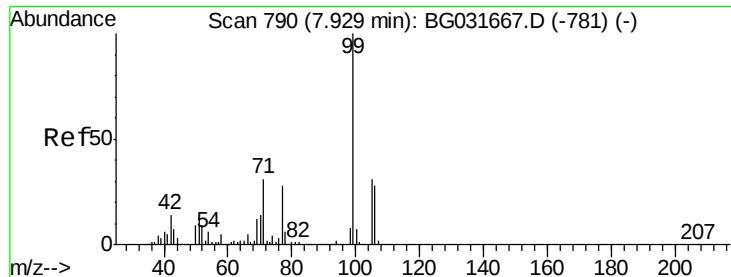
2-Fluorophenol
Concen: 140.376 ng
RT: 6.23 min Scan# 501
Delta R.T. -0.02 min
Lab File: BG031757.D
Acq: 26 Dec 2017 12:14

Tgt Ion:112 Resp: 395458
Ion Ratio Lower Upper
112 100
64 48.1 56.3 84.5#
63 25.6 30.1 45.1#



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: 122.120 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.02 min

Lab File: BG031757.D

Acq: 26 Dec 2017 12:14

Instrument :

BNA_G

ClientSampleId :

160

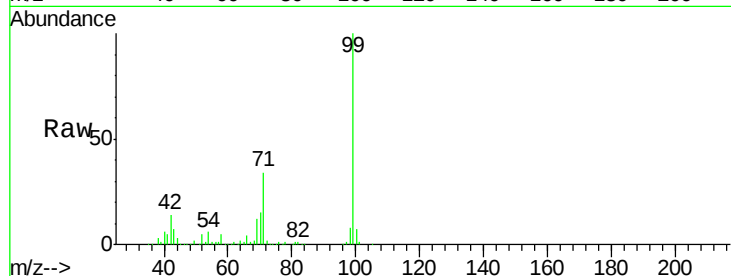
Tgt Ion: 99 Resp: 446665

Ion Ratio Lower Upper

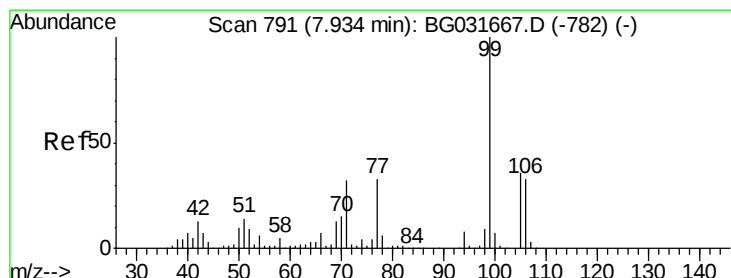
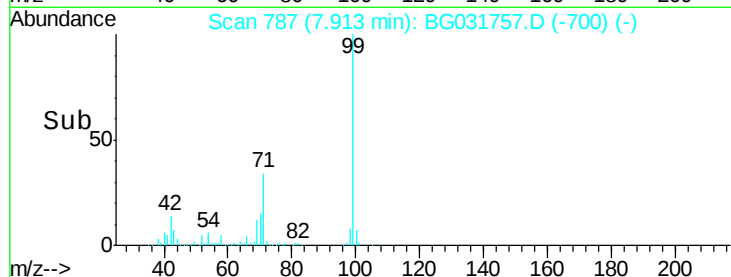
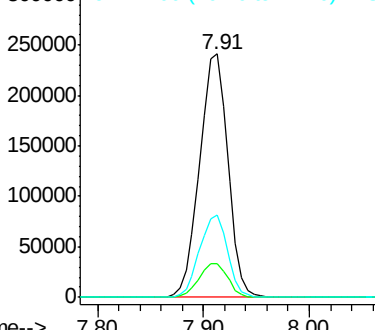
99 100

42 13.8 14.1 21.1#

71 33.9 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: 4.493 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.38 min

Lab File: BG031757.D

Acq: 26 Dec 2017 12:14

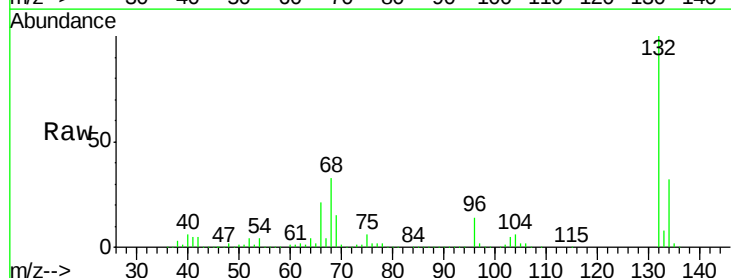
Tgt Ion: 77 Resp: 9896

Ion Ratio Lower Upper

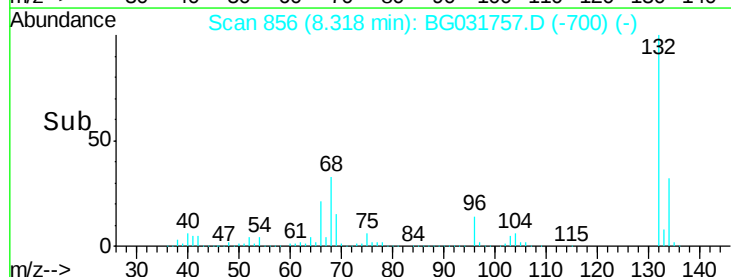
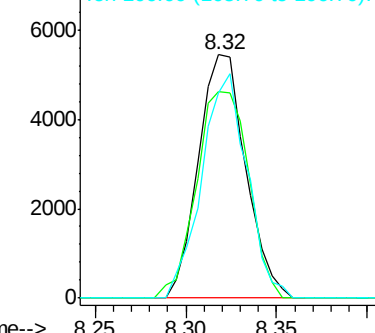
77 100

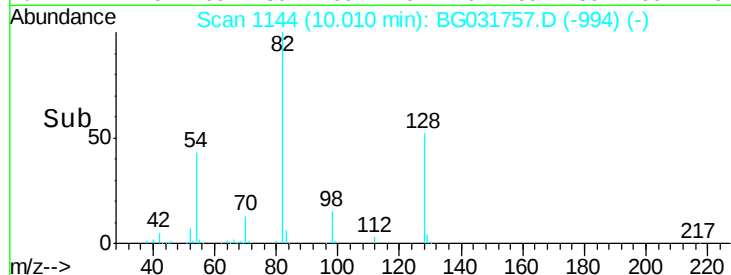
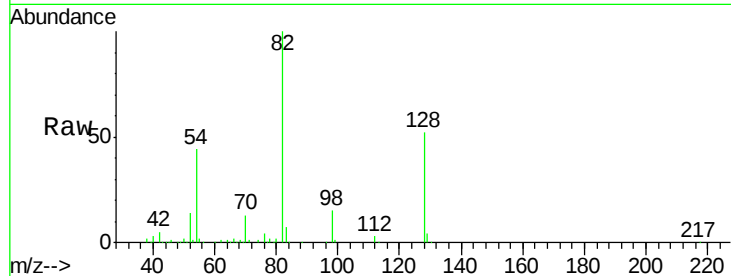
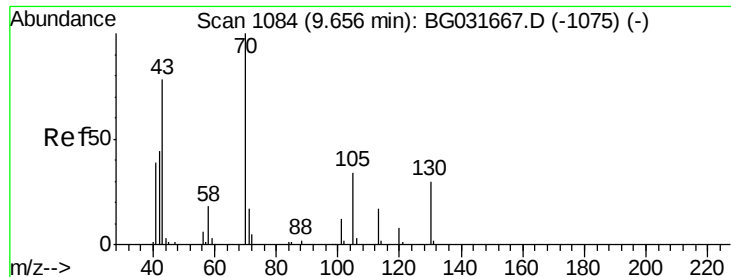
105 84.6 71.3 111.3

106 84.3 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

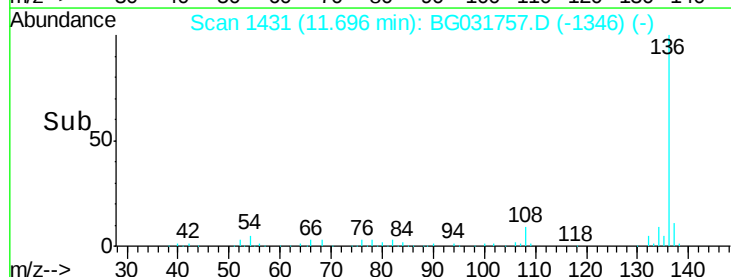
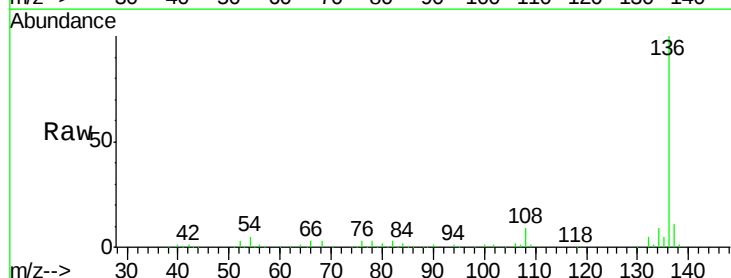
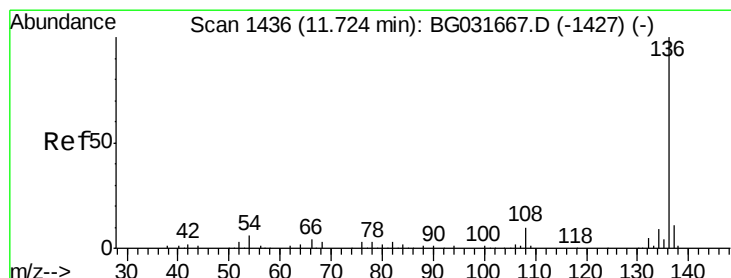
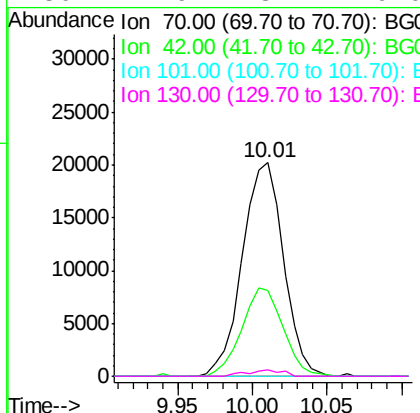




#19
n-Nitroso-di-n-propylamine
Concen: 15.417 ng
RT: 10.01 min Scan# 1144
Delta R.T. 0.35 min
Lab File: BG031757.D
Acq: 26 Dec 2017 12:14

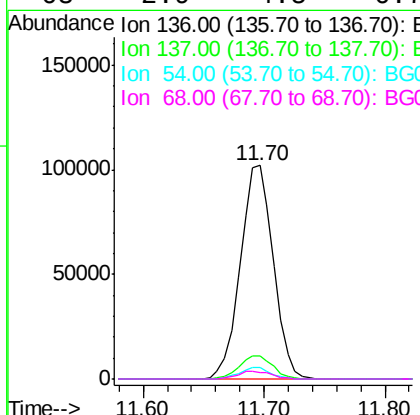
Instrument :
BNA_G
ClientSampleId :
160

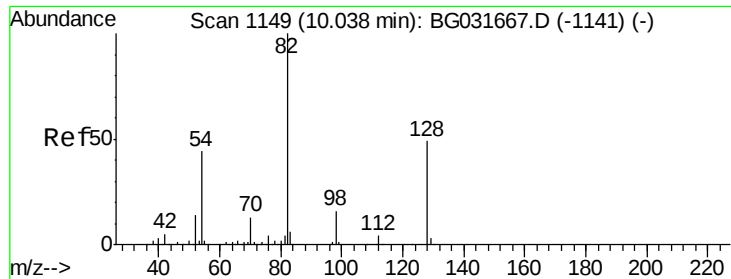
Tgt Ion: 70 Resp: 38510
Ion Ratio Lower Upper
70 100
42 40.4 49.1 73.7#
101 0.0 8.5 12.7#
130 2.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.70 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BG031757.D
Acq: 26 Dec 2017 12:14

Tgt Ion: 136 Resp: 193980
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 5.5 10.3 15.5#
68 2.9 4.5 6.7#

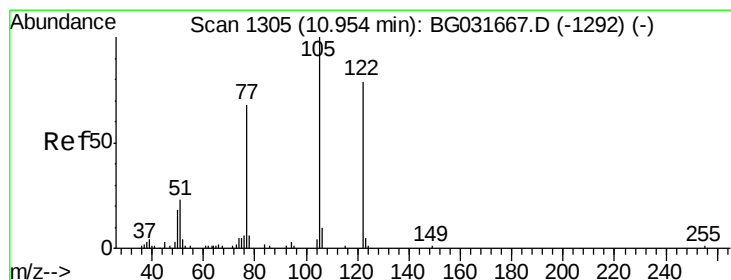
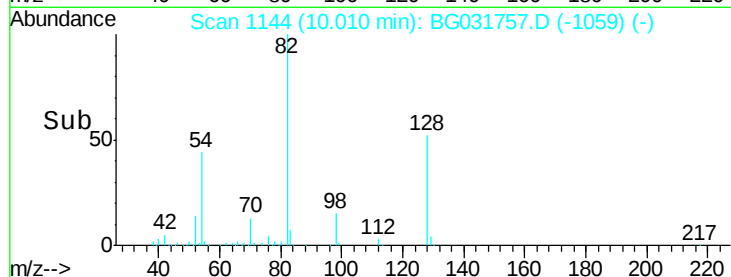
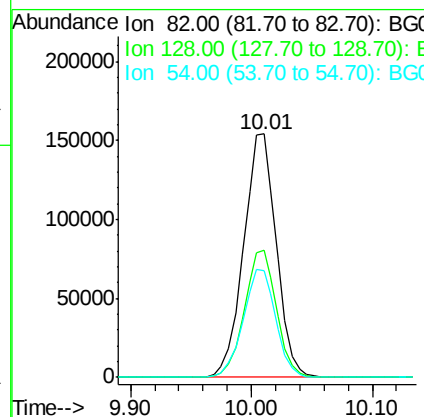
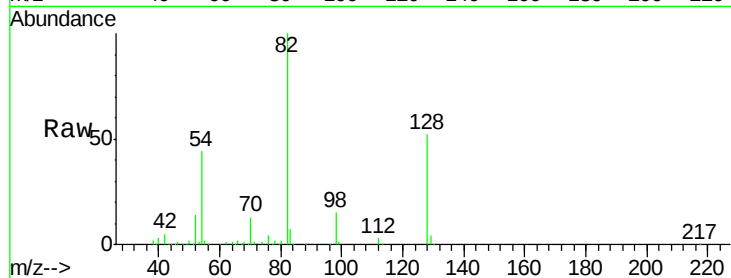




#23
 Nitrobenzene-d5
 Concen: 112.855 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.03 min
 Lab File: BG031757.D
 Acq: 26 Dec 2017 12:14

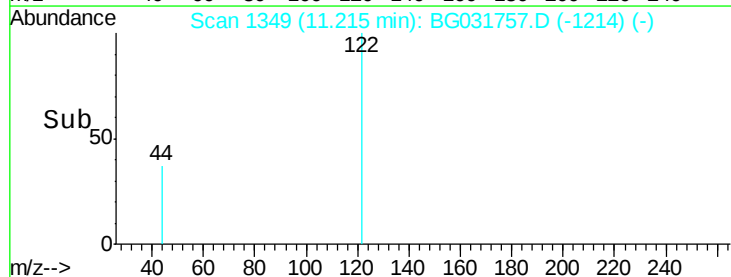
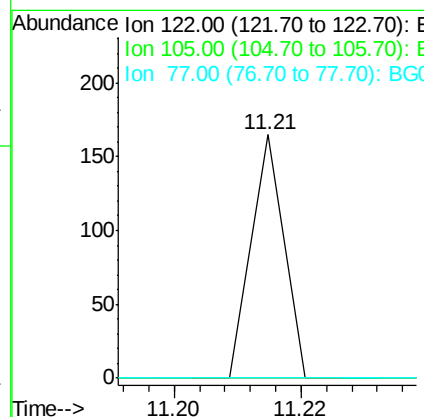
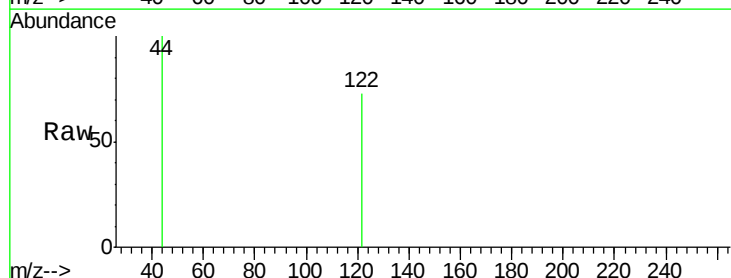
Instrument :
 BNA_G
 ClientSampleId :
 160

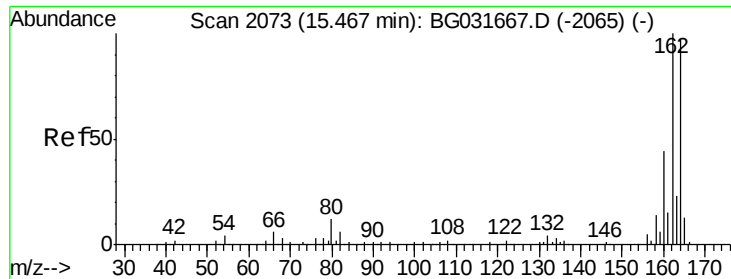
Tgt Ion: 82 Resp: 289909
 Ion Ratio Lower Upper
 82 100
 128 52.3 29.7 44.5#
 54 43.8 43.1 64.7



#32
 Benzoic acid
 Concen: 6.720 ng
 RT: 11.21 min Scan# 1349
 Delta R.T. 0.26 min
 Lab File: BG031757.D
 Acq: 26 Dec 2017 12:14

Tgt Ion: 122 Resp: 58
 Ion Ratio Lower Upper
 122 100
 105 0.0 123.5 163.5#
 77 0.0 85.7 125.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.43 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG031757.D

Acq: 26 Dec 2017 12:14

Instrument :

BNA_G

ClientSampleId :

160

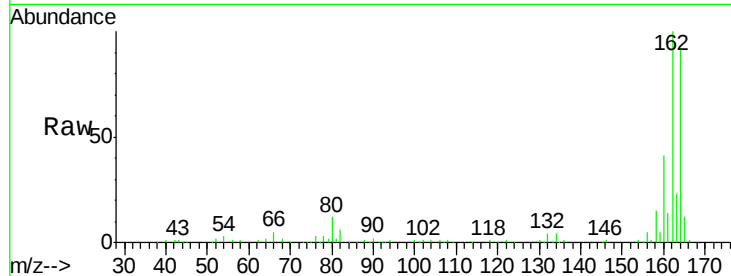
Tgt Ion:164 Resp: 124466

Ion Ratio Lower Upper

164 100

162 108.1 78.8 118.2

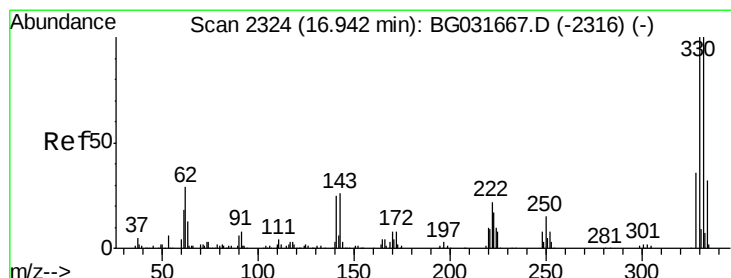
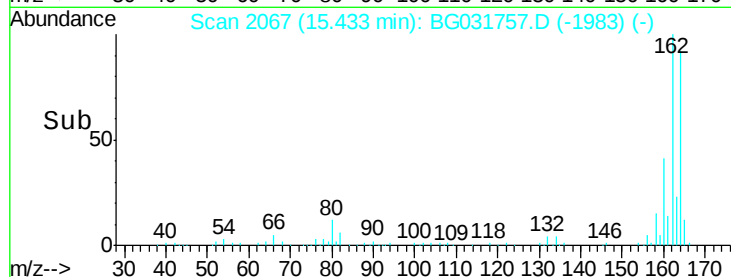
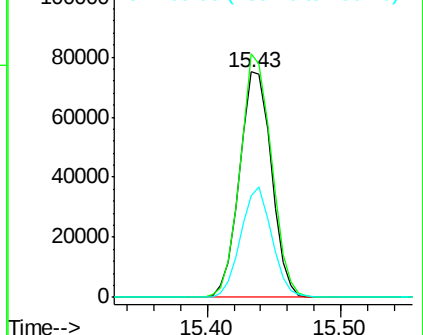
160 44.9 35.4 53.0



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: 195.231 ng

RT: 16.91 min Scan# 2319

Delta R.T. -0.03 min

Lab File: BG031757.D

Acq: 26 Dec 2017 12:14

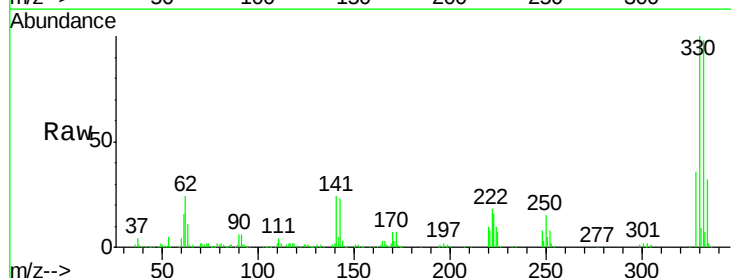
Tgt Ion:330 Resp: 370779

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

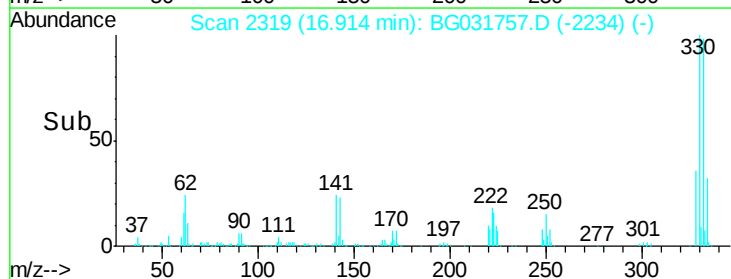
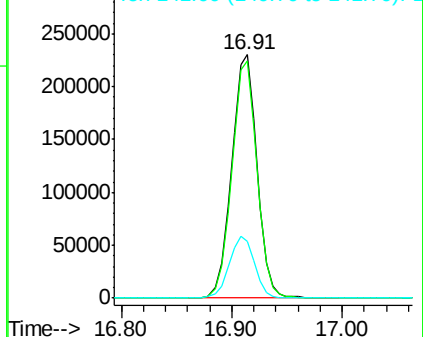
141 25.5 25.2 37.8

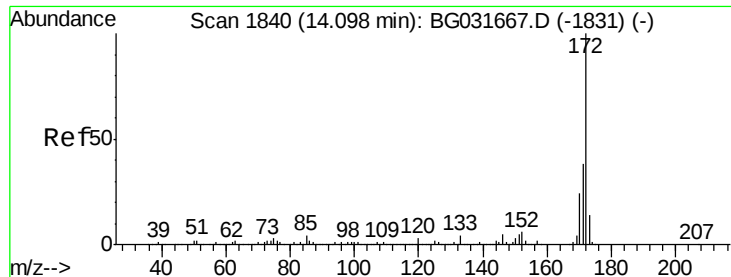


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

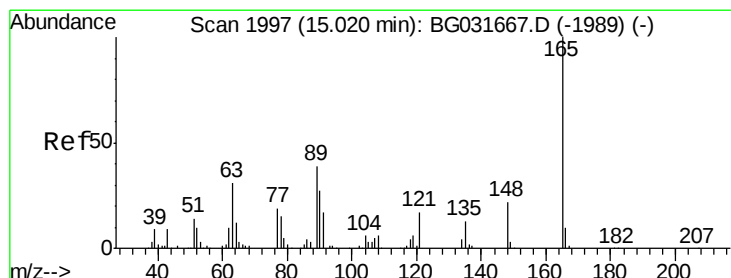
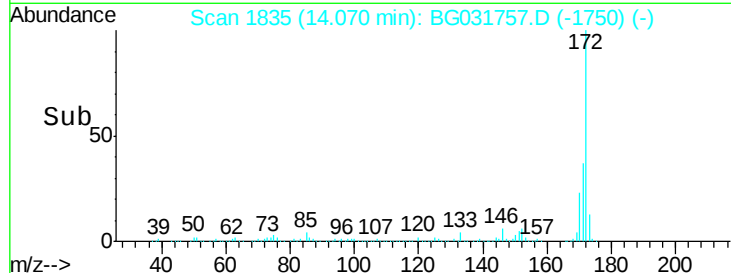
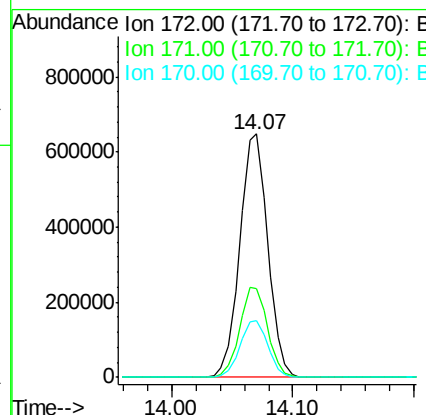
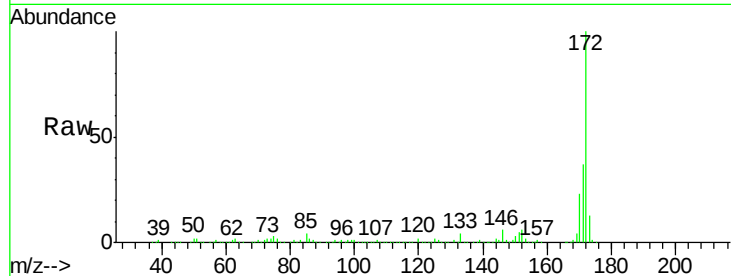




#44
 2-Fluorobiphenyl
 Concen: 105.450 ng
 RT: 14.07 min Scan# 1835
 Delta R.T. -0.03 min
 Lab File: BG031757.D
 Acq: 26 Dec 2017 12:14

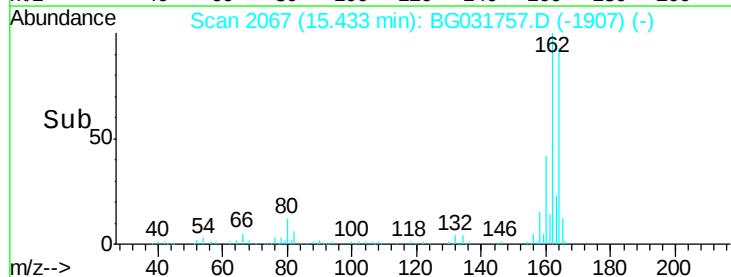
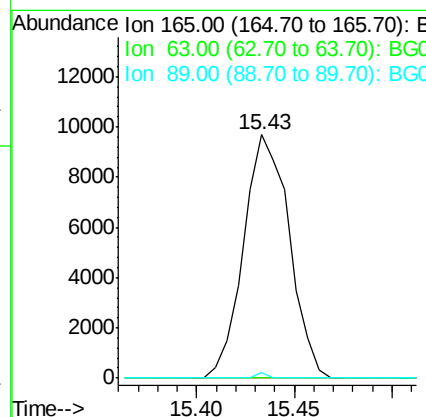
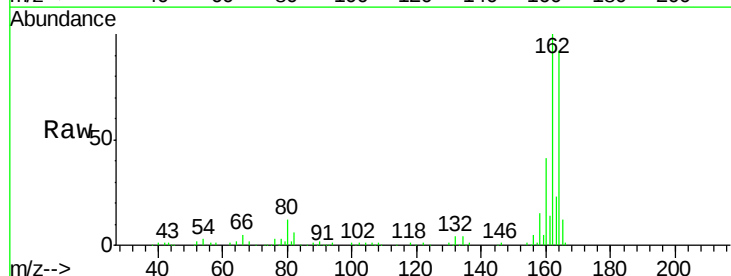
Instrument :
 BNA_G
 ClientSampleId :
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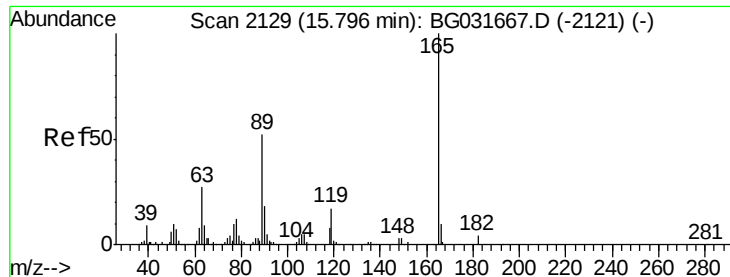
Tgt Ion:172 Resp: 1045696
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.0 45.0
 170 23.3 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.764 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. 0.41 min
 Lab File: BG031757.D
 Acq: 26 Dec 2017 12:14

Tgt Ion:165 Resp: 15662
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.1 49.2 73.8#

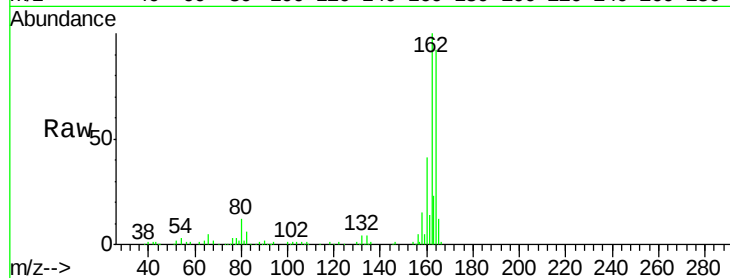




#56
 2,4-Dinitrotoluene
 Concen: 6.038 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.36 min
 Lab File: BG031757.D
 Acq: 26 Dec 2017 12:14

Instrument :
 BNA_G
 ClientSampleId :
 160

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.1	66.9	100.3#
182	0.0	2.6	3.8#

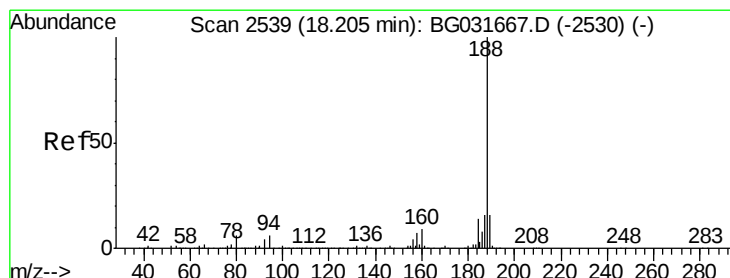
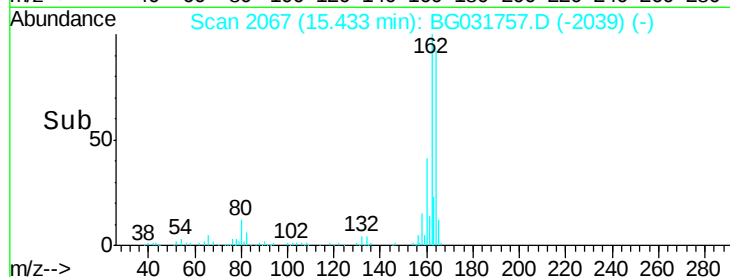
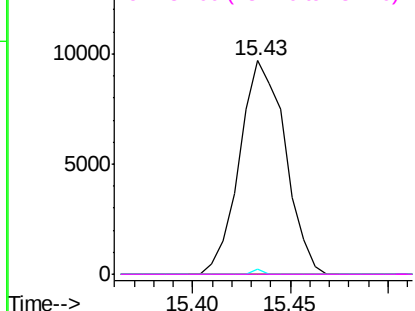


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

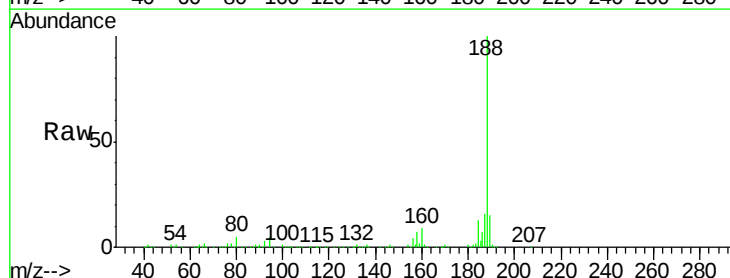
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.17 min Scan# 2533
 Delta R.T. -0.03 min
 Lab File: BG031757.D
 Acq: 26 Dec 2017 12:14

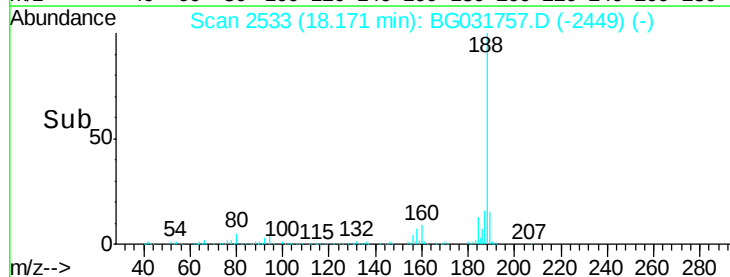
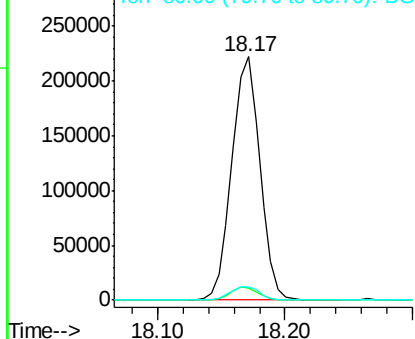
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.0	6.9	10.3#
80	5.5	7.7	11.5#

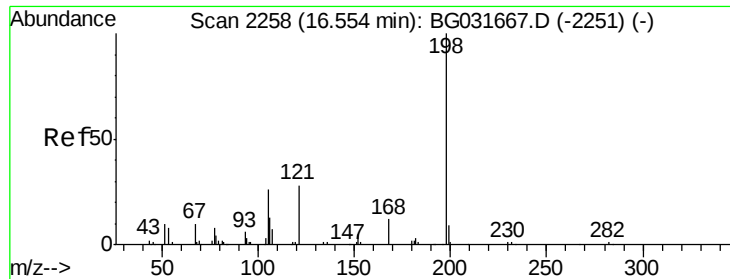


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.816 ng

RT: 16.90 min Scan# 2317

Delta R.T. 0.35 min

Lab File: BG031757.D

Acq: 26 Dec 2017 12:14

Instrument :

BNA_G

ClientSampleId :

160

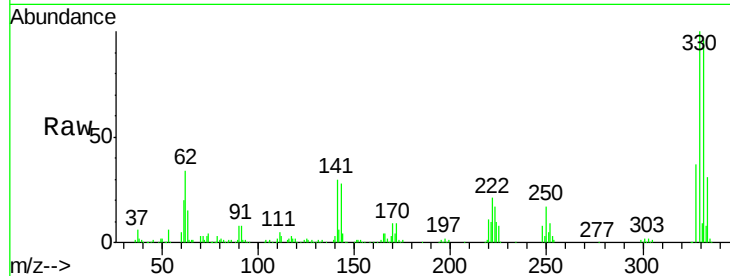
Tgt Ion:198 Resp: 1020

Ion Ratio Lower Upper

198 100

51 55.3 30.6 70.6

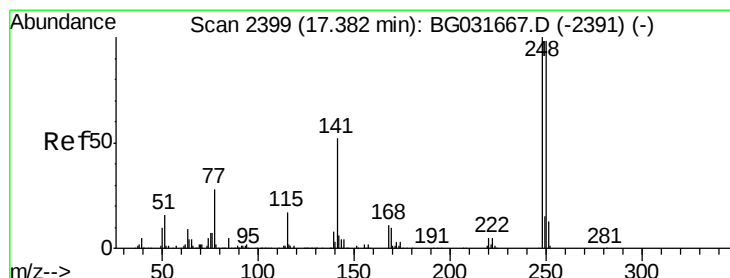
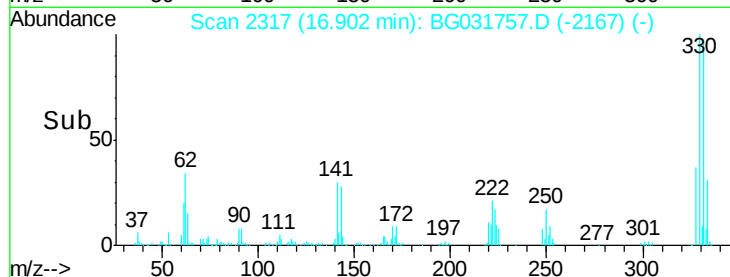
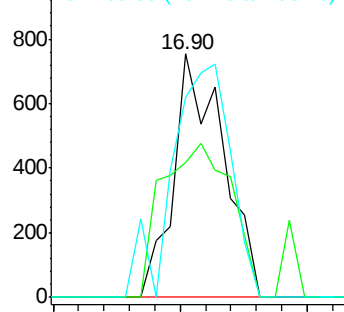
105 82.1 23.8 63.8#



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: 6.012 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.47 min

Lab File: BG031757.D

Acq: 26 Dec 2017 12:14

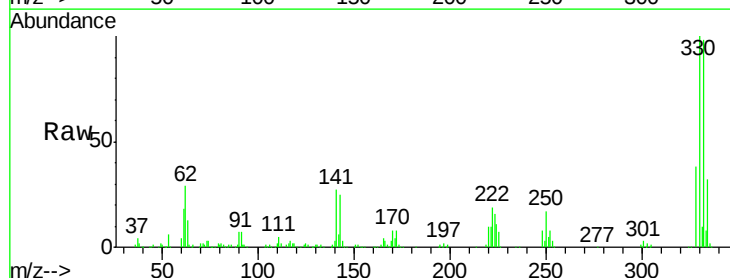
Tgt Ion:248 Resp: 29568

Ion Ratio Lower Upper

248 100

250 204.4 77.1 115.7#

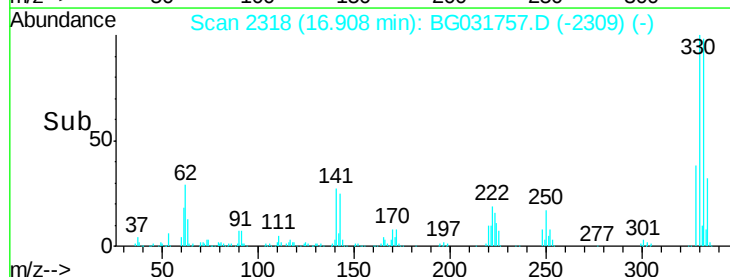
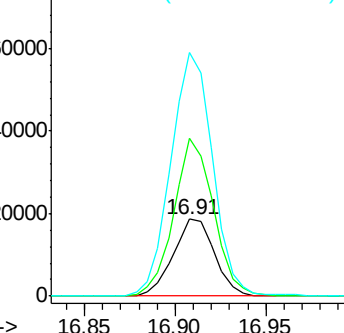
141 316.4 50.8 76.2#

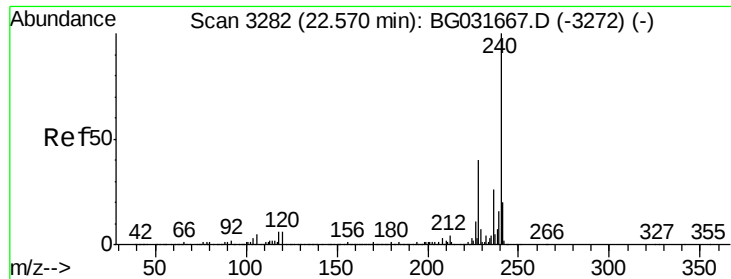


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

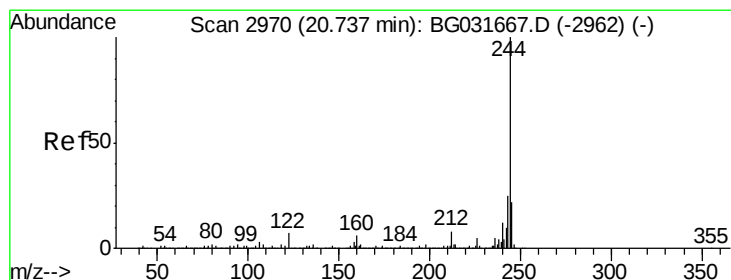
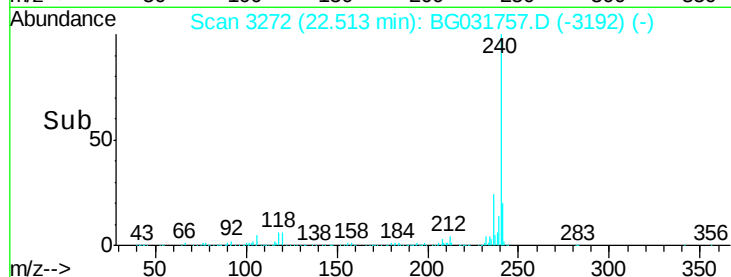
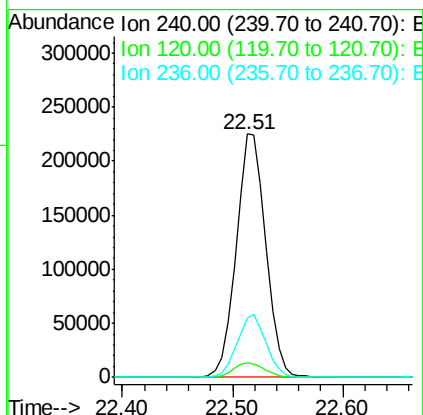
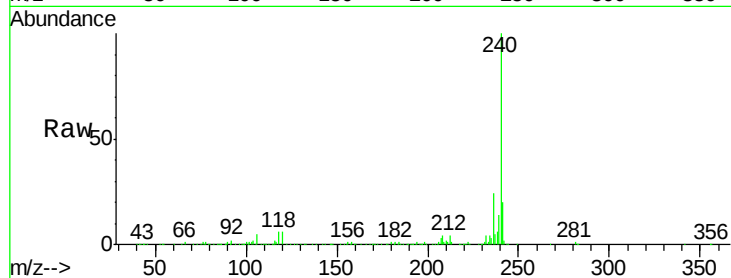




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.51 min Scan# 3272
 Delta R.T. -0.06 min
 Lab File: BG031757.D
 Acq: 26 Dec 2017 12:14

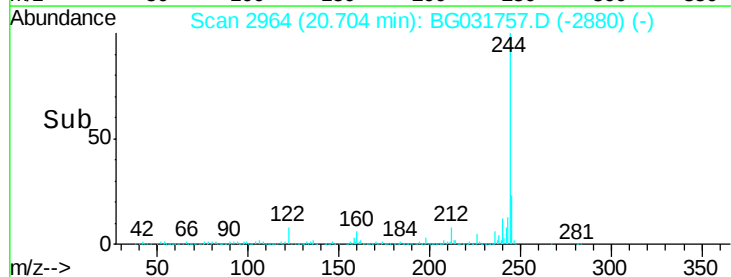
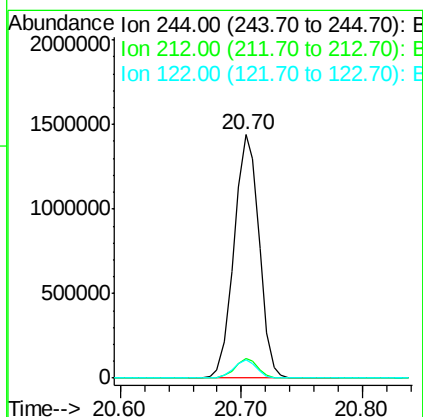
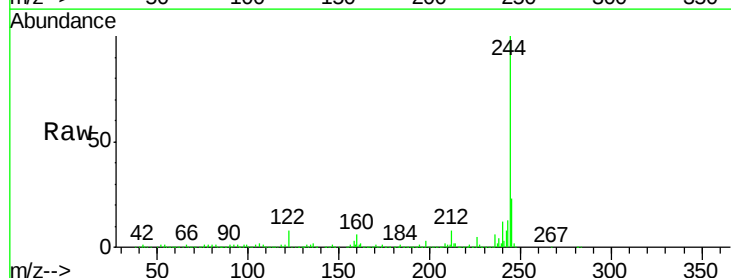
Instrument :
 BNA_G
 ClientSampleId :
 160

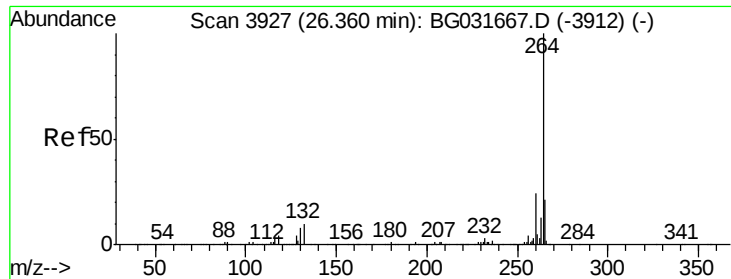
Tgt Ion:240 Resp: 423484
 Ion Ratio Lower Upper
 240 100
 120 6.1 6.8 10.2#
 236 24.2 20.9 31.3



#78
 Terphenyl-d14
 Concen: 112.341 ng
 RT: 20.70 min Scan# 2964
 Delta R.T. -0.03 min
 Lab File: BG031757.D
 Acq: 26 Dec 2017 12:14

Tgt Ion:244 Resp: 2082368
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 7.7 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.27 min Scan# 3912
Delta R.T. -0.09 min
Lab File: BG031757.D
Acq: 26 Dec 2017 12:14

Instrument :
BNA_G
ClientSampleId :
160

Tgt Ion: 264 Resp: 450273

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	20.8	17.7	26.5

