

Data File : BG033398.D
Acq On : 28 Mar 2018 22:44
Operator : SJ/JU
Sample : J2097-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LIP-12

Quant Time: Mar 29 06:32:40 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	45320	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	184879	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	137536	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	316615	20.00	ng	0.00
75) Chrysene-d12	22.56	240	331261	20.00	ng	0.00
86) Perylene-d12	26.33	264	360937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	181451	75.08	ng	0.00
7) Phenol-d6	7.99	99	169659	40.85	ng	0.00
23) Nitrobenzene-d5	10.07	82	419333	104.21	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	296992	144.38	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	1028350	107.94	ng	0.00
78) Terphenyl-d14	20.74	244	1552006	100.20	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	7661	2.34	ng	# 50
19) n-Nitroso-di-n-propylamine	10.07	70	56439	18.55	ng	# 73
50) 2,6-Dinitrotoluene	15.48	165	17605	7.19	ng	# 21
53) 2,4-Dinitrophenol	15.35	184	70	7.69	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	17605	4.89	ng	# 19
66) 4-Bromophenyl-phenylether	16.96	248	21850	5.88	ng	# 1
76) Benizidine	20.74	184	26938	3.00	ng	# 92

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

Data File : BG033398.D

Acq On : 28 Mar 2018 22:44

Operator : SJ/JU

Sample : J2097-04

Misc :

ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

LIP-12

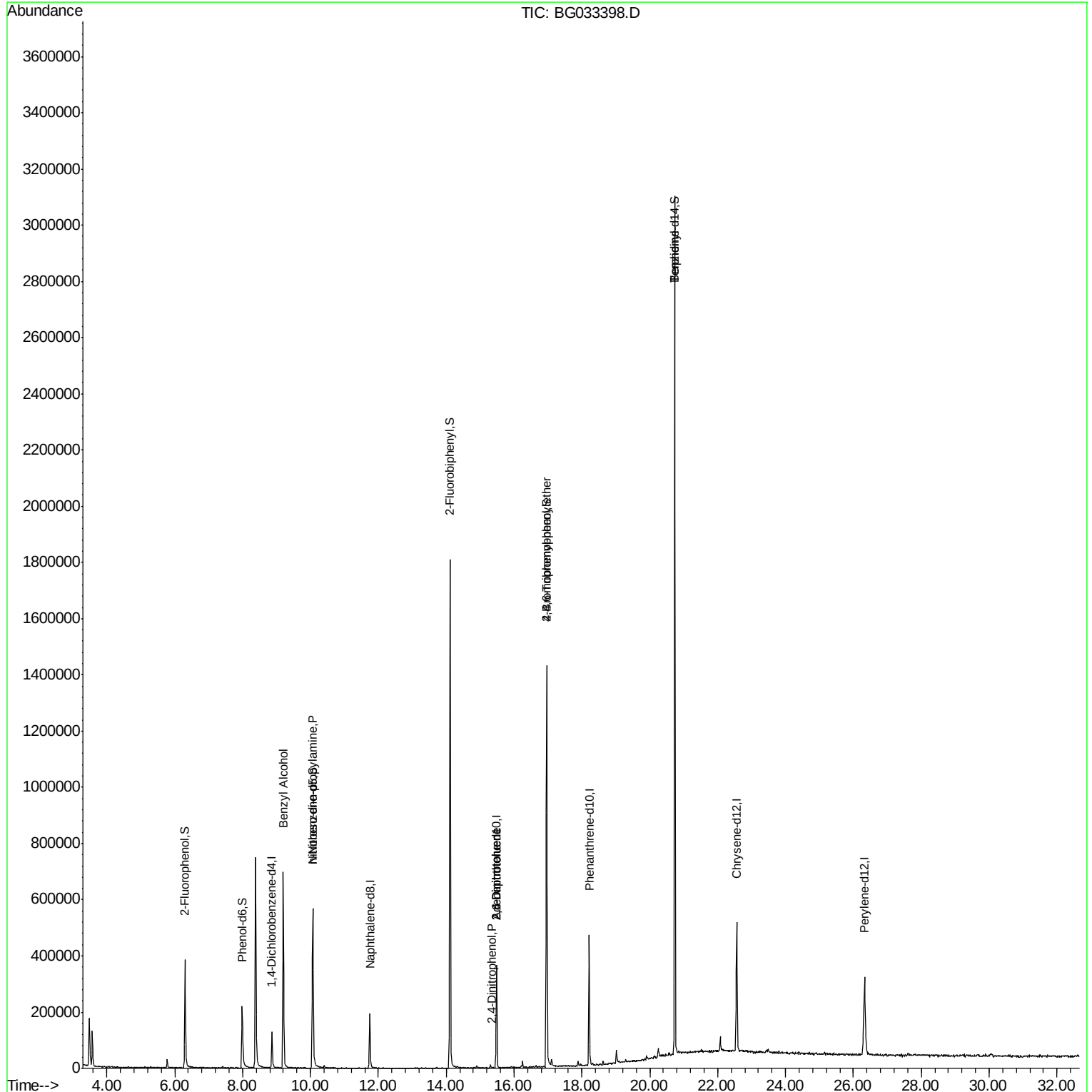
Quant Time: Mar 29 06:32:40 2018

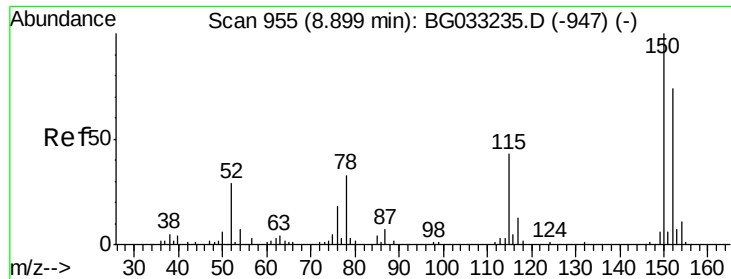
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 28 18:34:58 2018

Response via : Initial Calibration

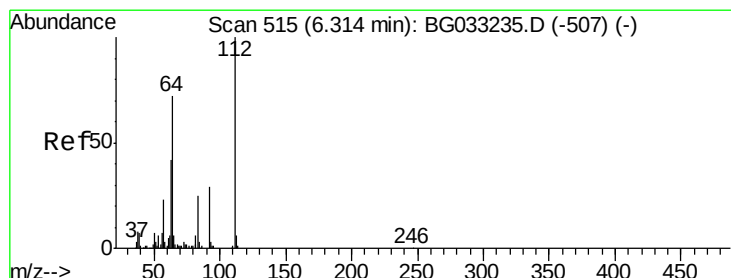
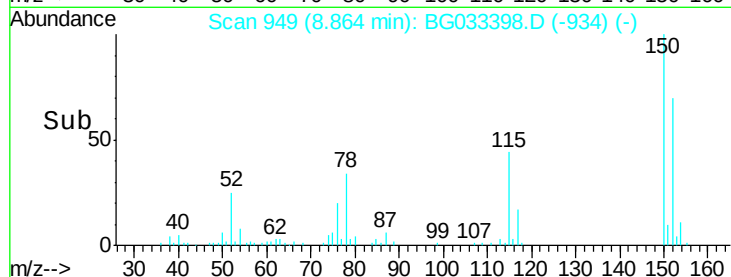
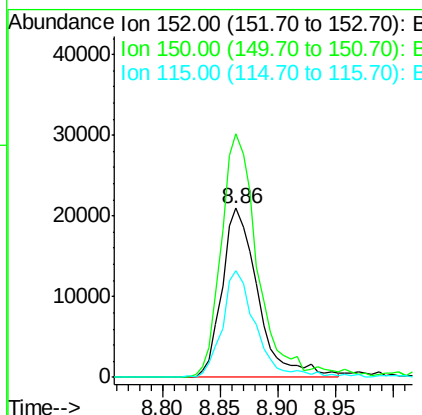
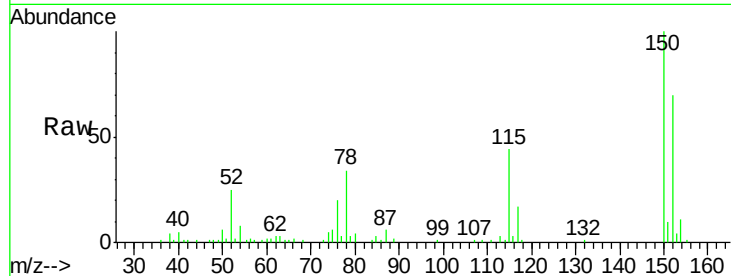




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033398.D
 Acq: 28 Mar 2018 22:44

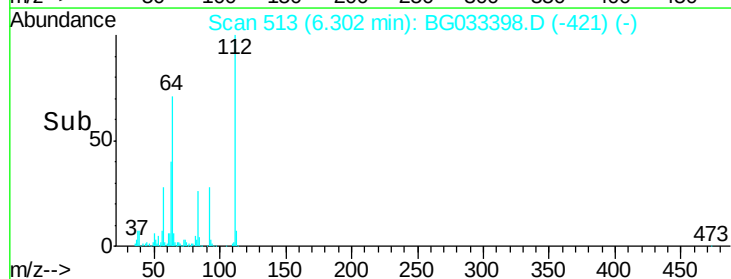
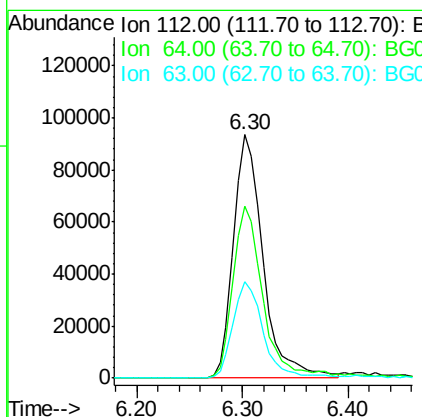
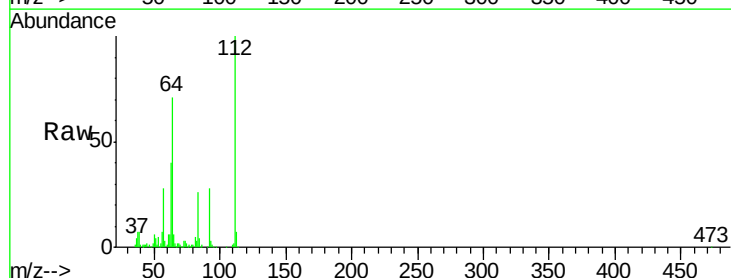
Instrument :
 BNA_G
 ClientSampleId :
 LIP-12

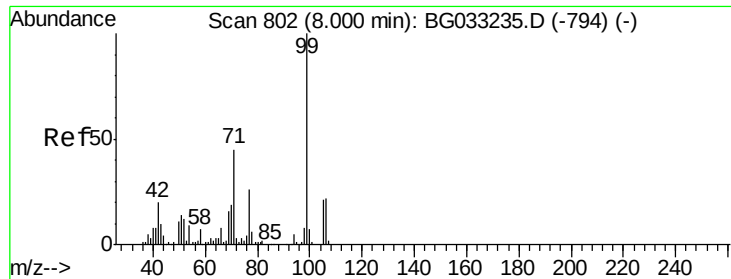
Tgt Ion:152 Resp: 45320
 Ion Ratio Lower Upper
 152 100
 150 143.8 126.6 189.8
 115 63.0 53.0 79.4



#5
 2-Fluorophenol
 Concen: 75.08 ng
 RT: 6.30 min Scan# 513
 Delta R.T. 0.01 min
 Lab File: BG033398.D
 Acq: 28 Mar 2018 22:44

Tgt Ion:112 Resp: 181451
 Ion Ratio Lower Upper
 112 100
 64 70.6 56.3 84.5
 63 39.8 30.1 45.1





#7

Phenol-d6

Concen: 40.85 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033398.D

Acq: 28 Mar 2018 22:44

Instrument :

BNA_G

ClientSampleId :

LIP-12

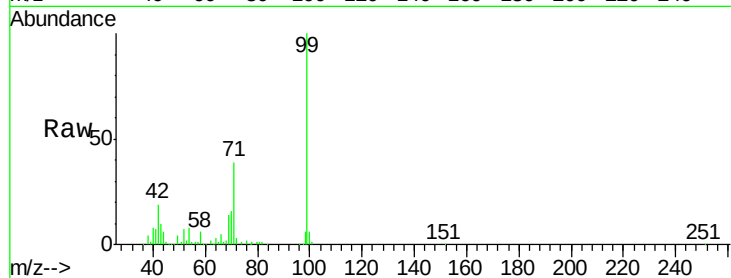
Tgt Ion: 99 Resp: 169659

Ion Ratio Lower Upper

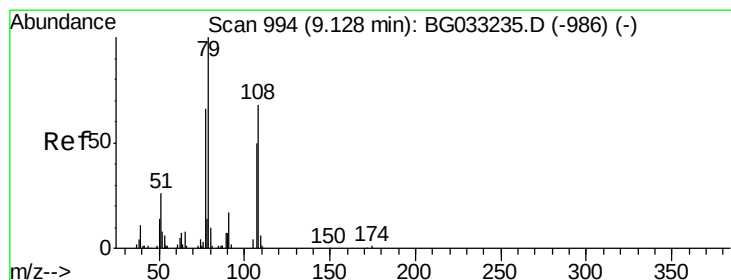
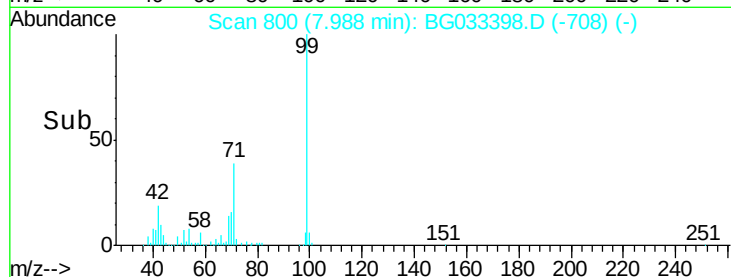
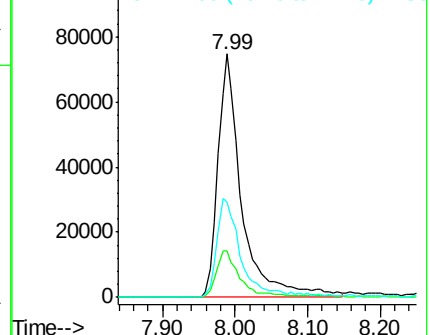
99 100

42 19.3 14.1 21.1

71 38.8 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



#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033398.D

Acq: 28 Mar 2018 22:44

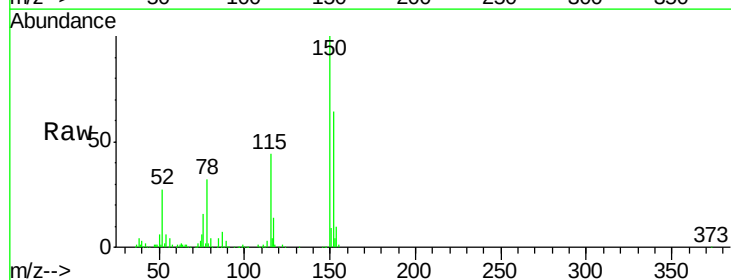
Tgt Ion: 79 Resp: 7661

Ion Ratio Lower Upper

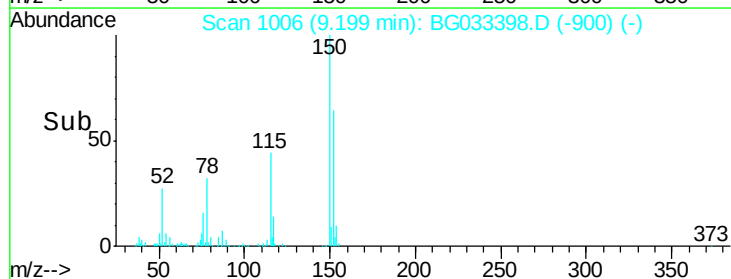
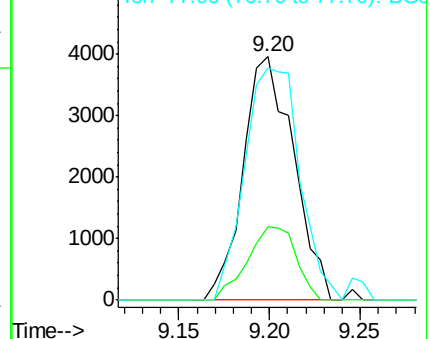
79 100

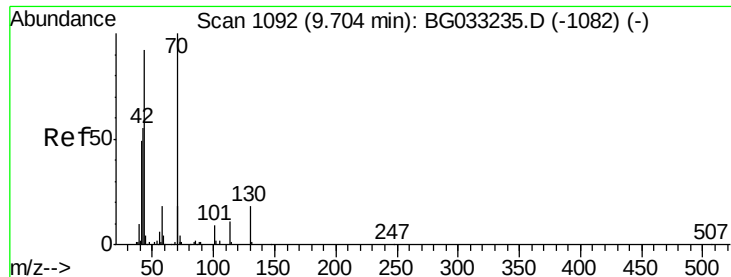
108 30.1 57.2 85.8#

77 95.3 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

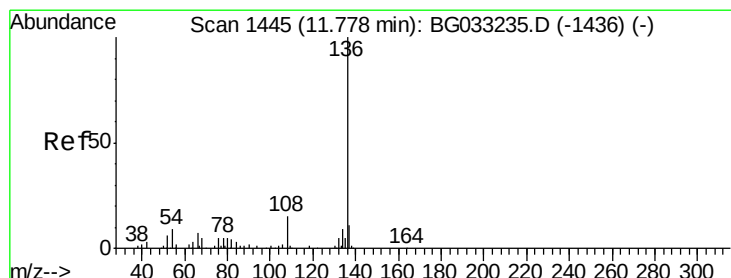
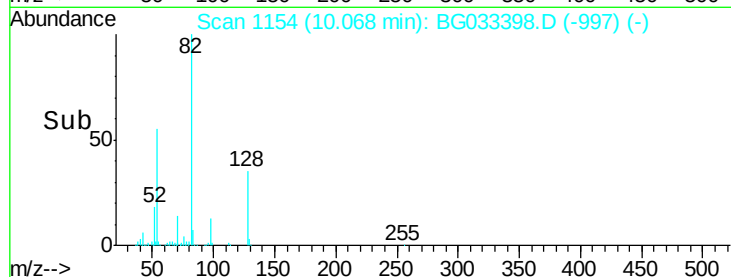
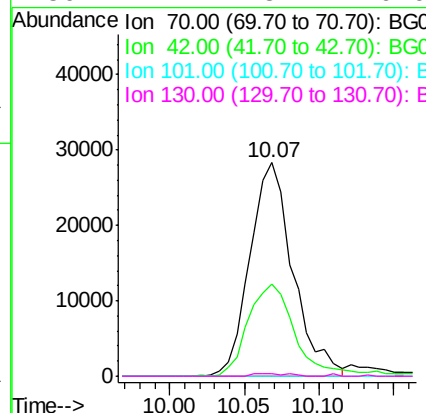
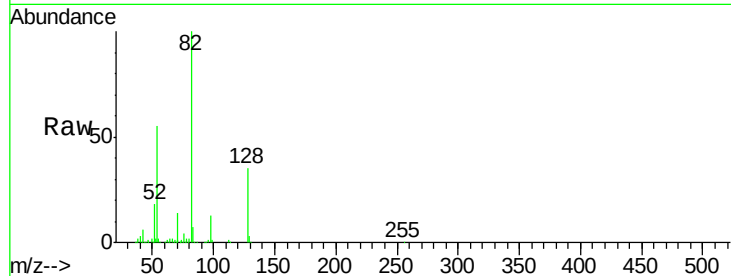




#19
n-Nitroso-di-n-propylamine
Concen: 18.55 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.39 min
Lab File: BG033398.D
Acq: 28 Mar 2018 22:44

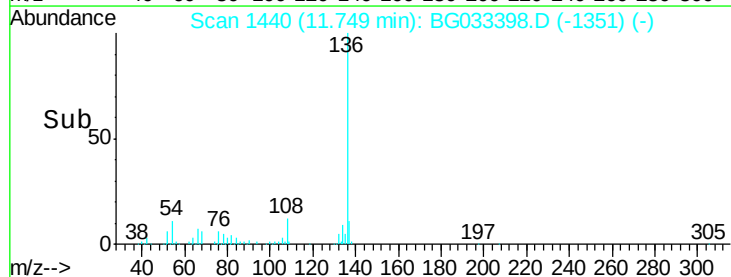
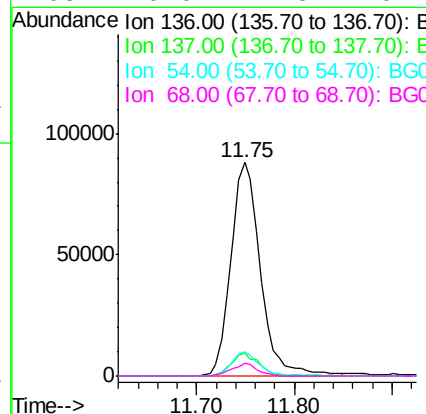
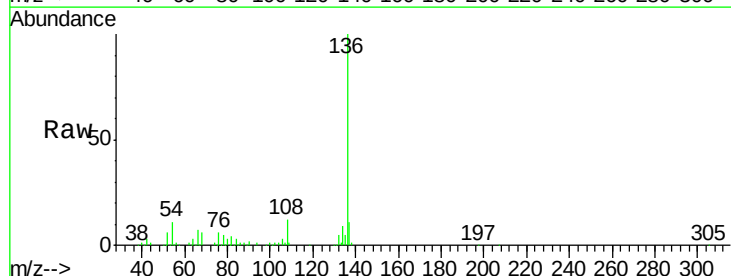
Instrument :
BNA_G
ClientSampleId :
LIP-12

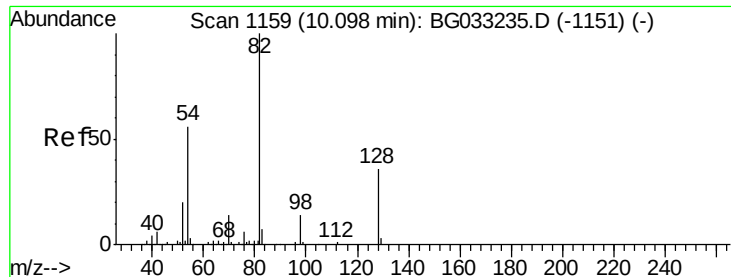
Tgt Ion: 70 Resp: 56439
Ion Ratio Lower Upper
70 100
42 43.3 49.1 73.7#
101 0.0 8.5 12.7#
130 1.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033398.D
Acq: 28 Mar 2018 22:44

Tgt Ion: 136 Resp: 184879
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 11.2 10.3 15.5
68 6.0 4.5 6.7

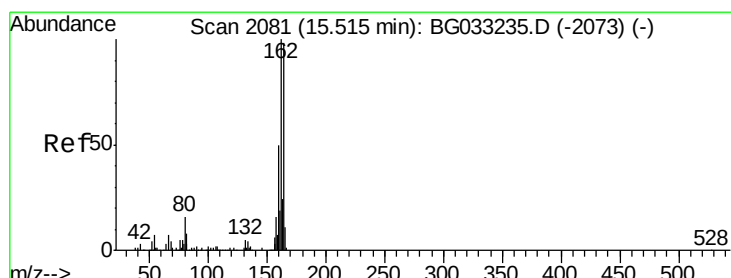
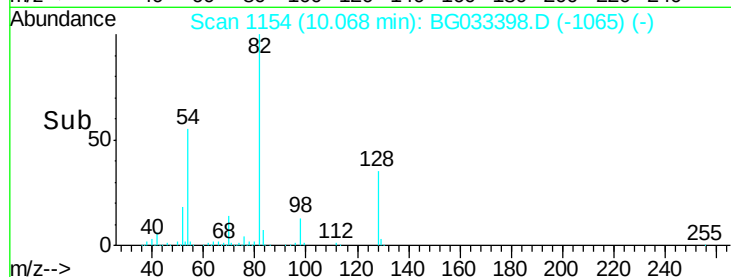
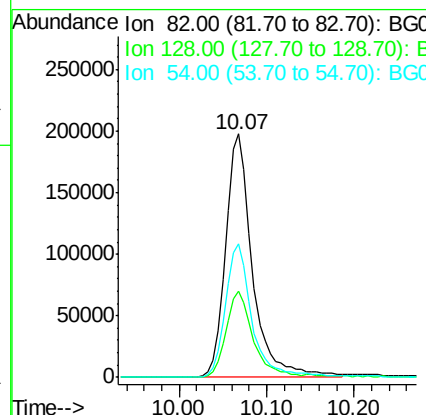
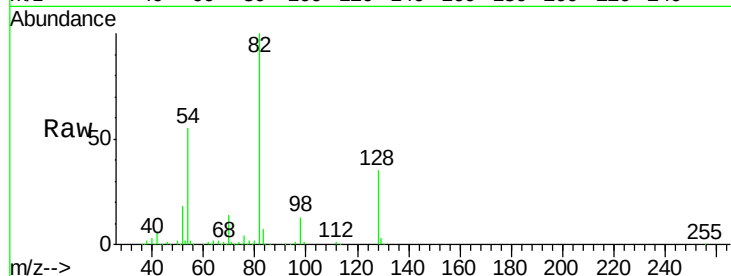




#23
 Nitrobenzene-d5
 Concen: 104.21 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033398.D
 Acq: 28 Mar 2018 22:44

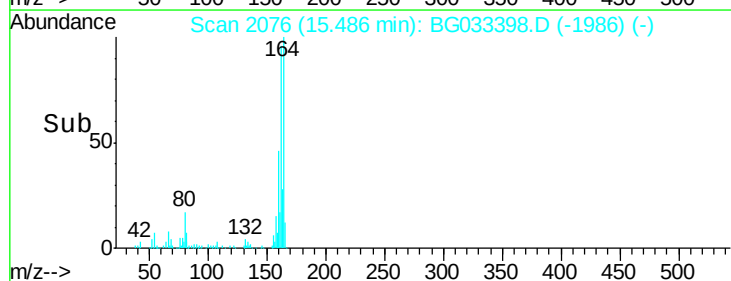
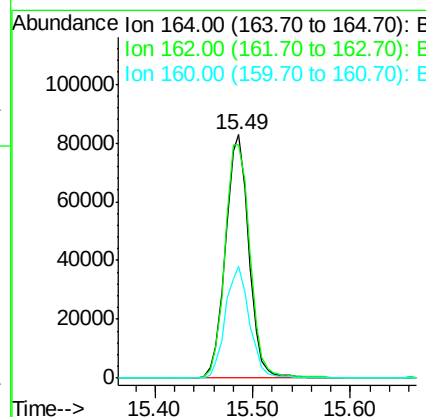
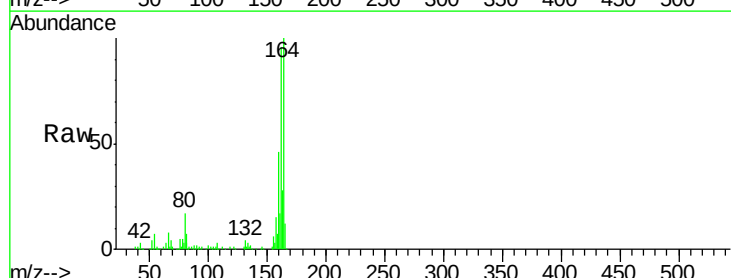
Instrument :
 BNA_G
 ClientSampleId :
 LIP-12

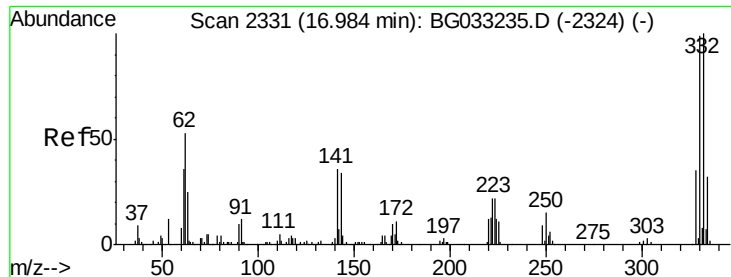
Tgt Ion: 82 Resp: 419333
 Ion Ratio Lower Upper
 82 100
 128 35.5 29.7 44.5
 54 54.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG033398.D
 Acq: 28 Mar 2018 22:44

Tgt Ion: 164 Resp: 137536
 Ion Ratio Lower Upper
 164 100
 162 96.1 78.8 118.2
 160 45.9 35.4 53.0

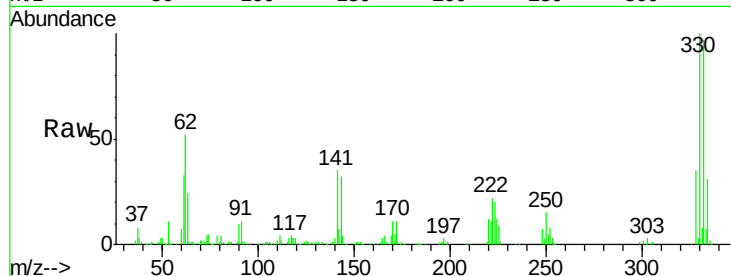




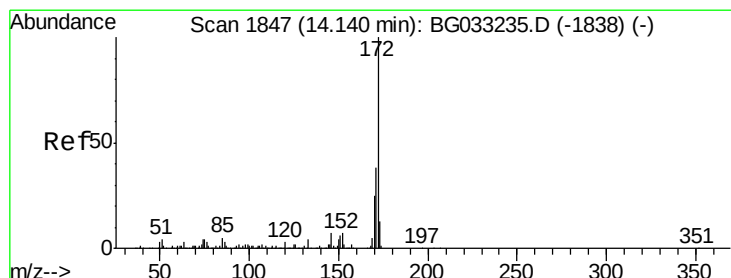
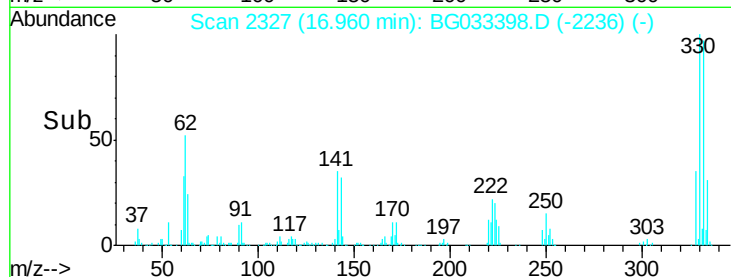
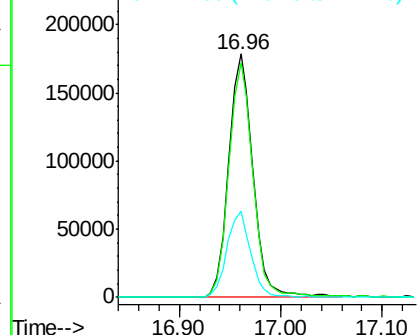
#41
 2,4,6-Tribromophenol
 Concen: 144.38 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033398.D
 Acq: 28 Mar 2018 22:44

Instrument :
 BNA_G
 ClientSampleId :
 LIP-12

Tgt Ion:330 Resp: 296992
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 35.1 25.2 37.8

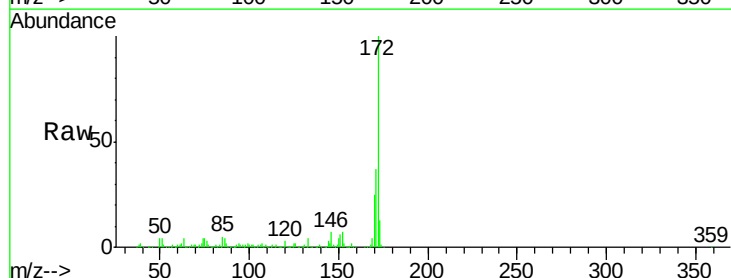


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

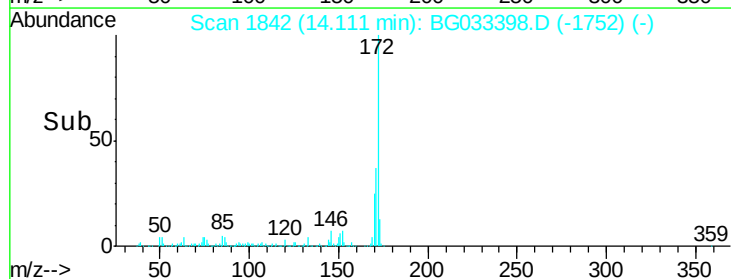
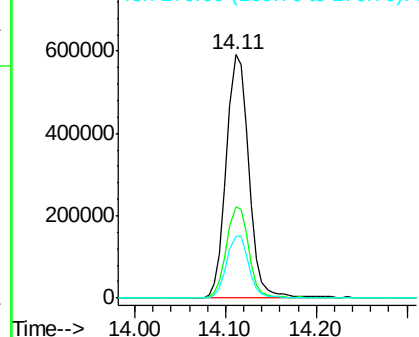


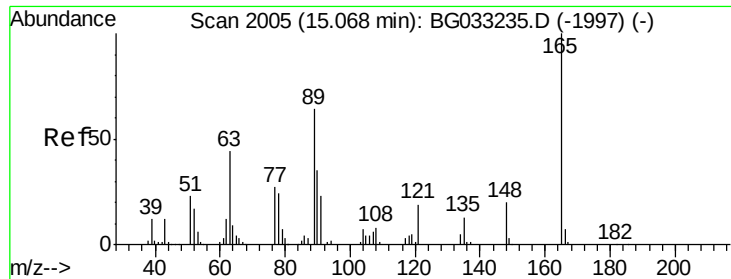
#44
 2-Fluorobiphenyl
 Concen: 107.94 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033398.D
 Acq: 28 Mar 2018 22:44

Tgt Ion:172 Resp: 1028350
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 25.4 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

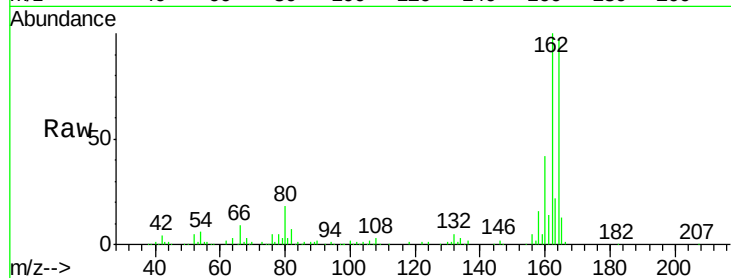




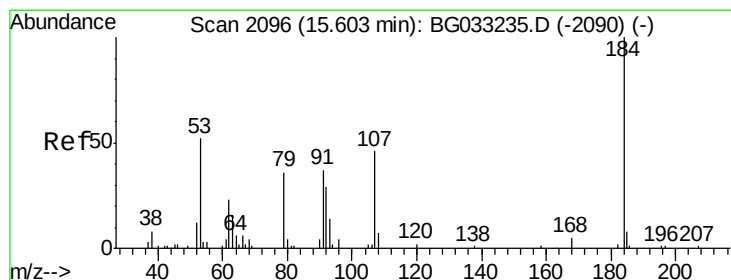
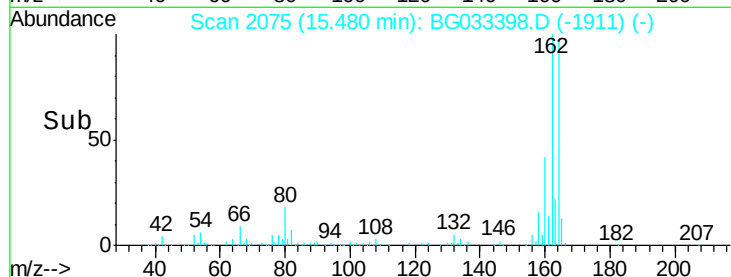
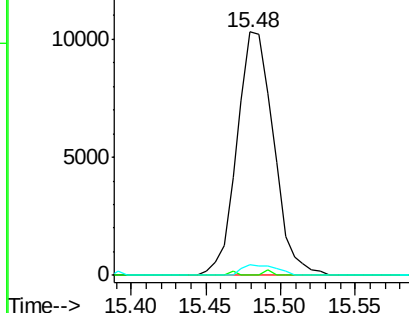
#50
 2,6-Dinitrotoluene
 Concen: 7.19 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033398.D
 Acq: 28 Mar 2018 22:44

Instrument :
 BNA_G
 ClientSampleId :
 LIP-12

Tgt Ion:165 Resp: 17605
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 4.5 49.2 73.8#

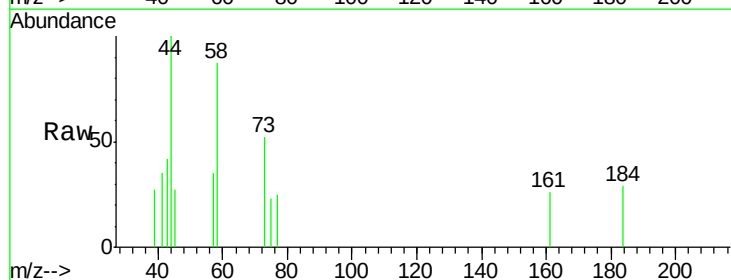


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

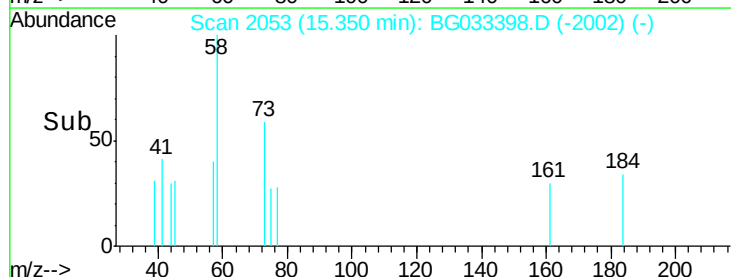
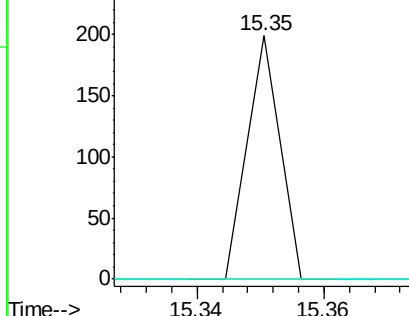


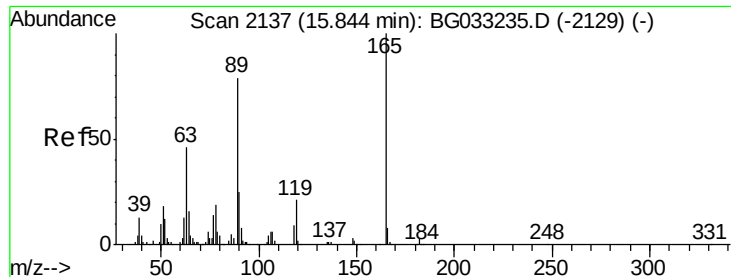
#53
 2,4-Dinitrophenol
 Concen: 7.69 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.23 min
 Lab File: BG033398.D
 Acq: 28 Mar 2018 22:44

Tgt Ion:184 Resp: 70
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

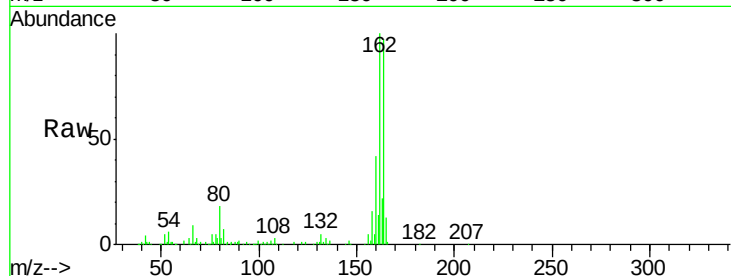




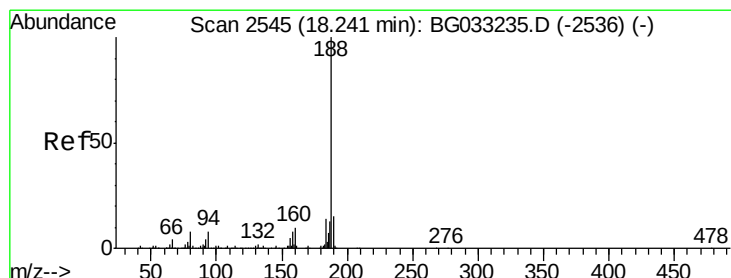
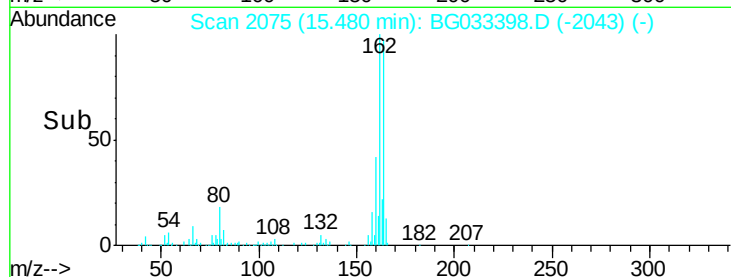
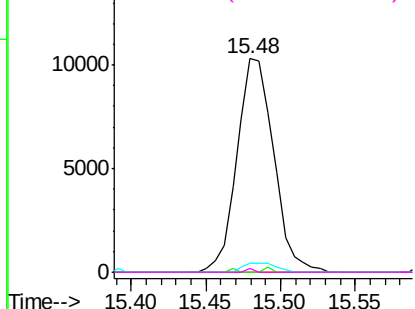
#56
 2,4-Dinitrotoluene
 Concen: 4.89 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033398.D
 Acq: 28 Mar 2018 22:44

Instrument :
 BNA_G
 ClientSampleId :
 LIP-12

Tgt Ion:165 Resp: 17605
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 4.5 66.9 100.3#
 182 1.5 2.6 3.8#

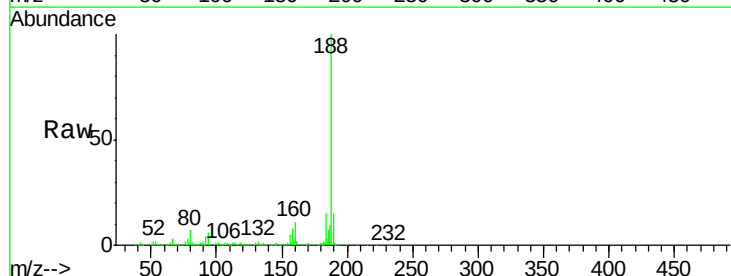


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

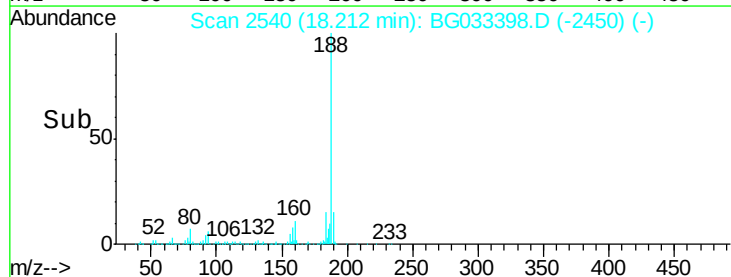
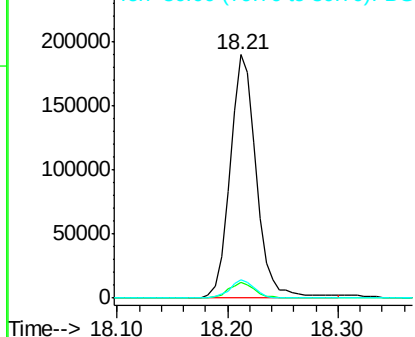


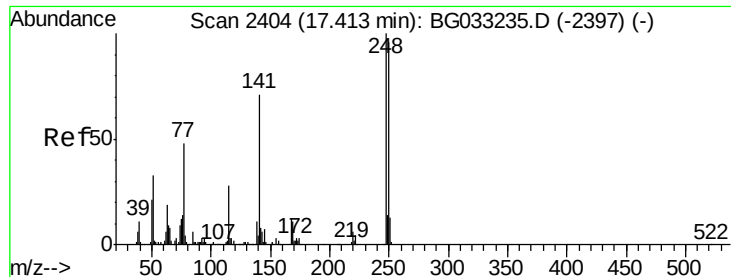
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033398.D
 Acq: 28 Mar 2018 22:44

Tgt Ion:188 Resp: 316615
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 7.4 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

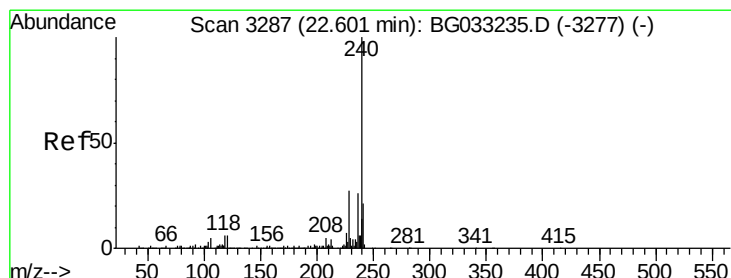
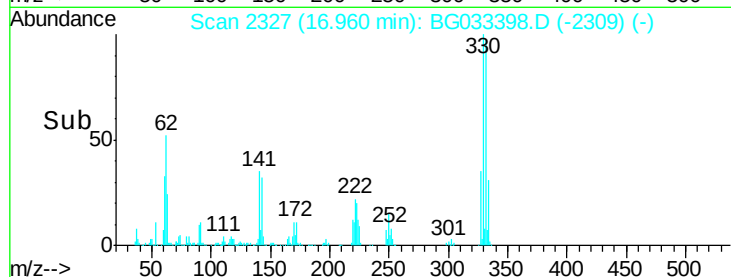
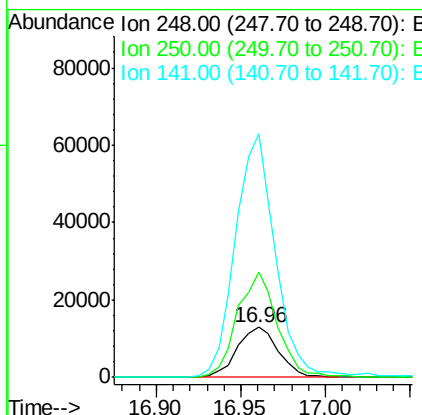
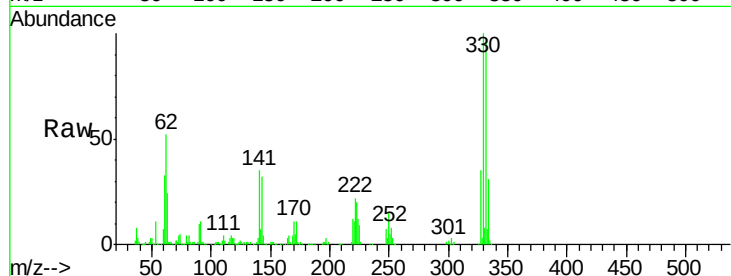




#66
 4-Bromophenyl-phenylether
 Concen: 5.88 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. -0.43 min
 Lab File: BG033398.D
 Acq: 28 Mar 2018 22:44

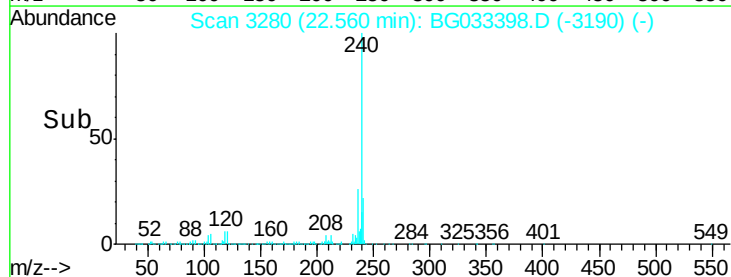
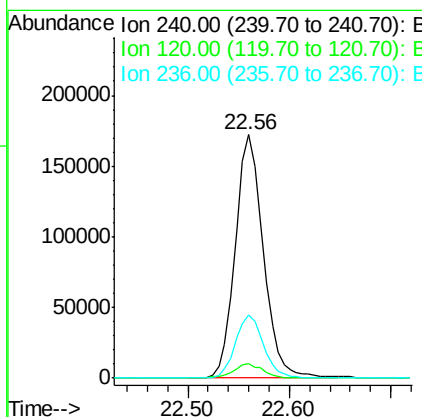
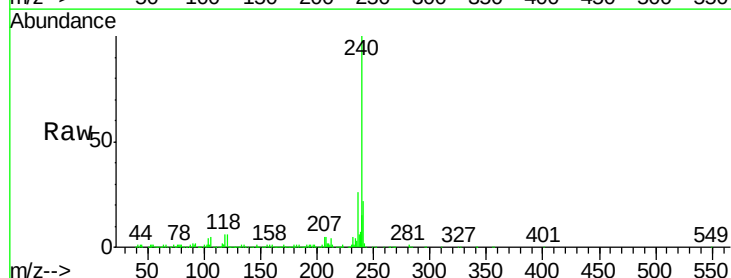
Instrument :
 BNA_G
 ClientSampleId :
 LIP-12

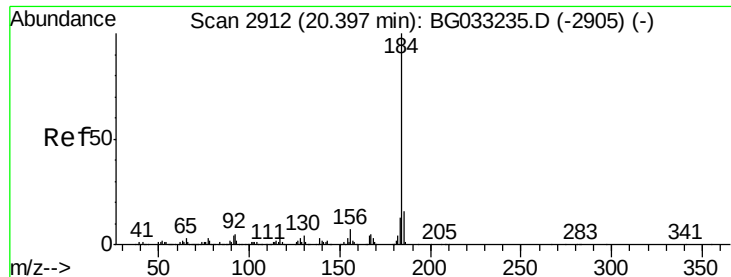
Tgt Ion:248 Resp: 21850
 Ion Ratio Lower Upper
 248 100
 250 209.1 77.1 115.7#
 141 484.8 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.56 min Scan# 3280
 Delta R.T. -0.00 min
 Lab File: BG033398.D
 Acq: 28 Mar 2018 22:44

Tgt Ion:240 Resp: 331261
 Ion Ratio Lower Upper
 240 100
 120 5.9 6.8 10.2#
 236 26.1 20.9 31.3





#76

Benzidine

Concen: 3.00 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.37 min

Lab File: BG033398.D

Acq: 28 Mar 2018 22:44

Instrument :

BNA_G

ClientSampleId :

LIP-12

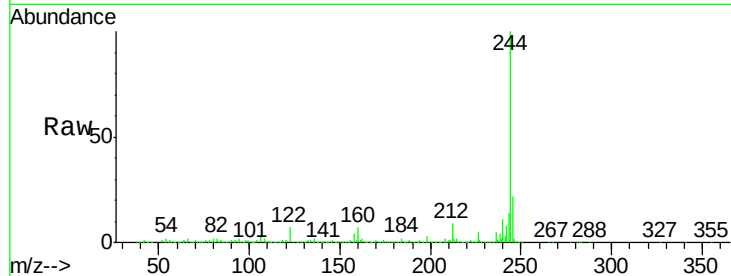
Tgt Ion:184 Resp: 26938

Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

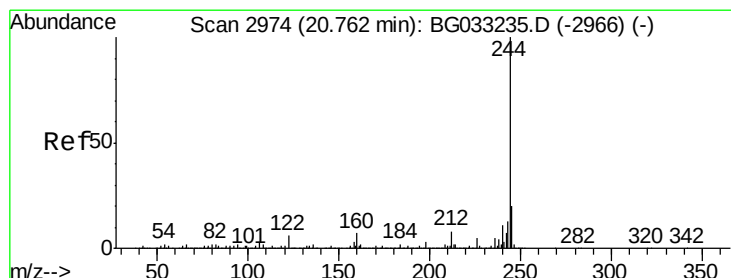
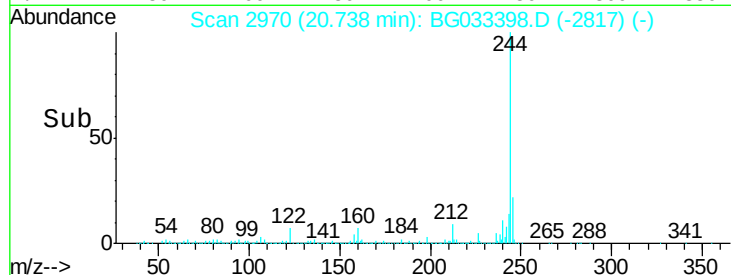
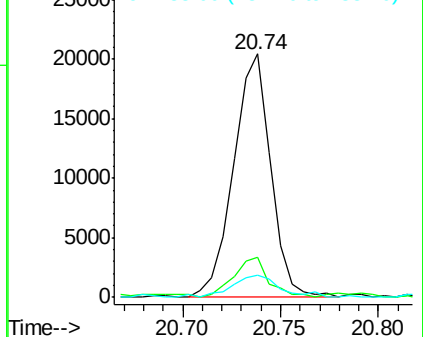
183 9.3 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 100.20 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG033398.D

Acq: 28 Mar 2018 22:44

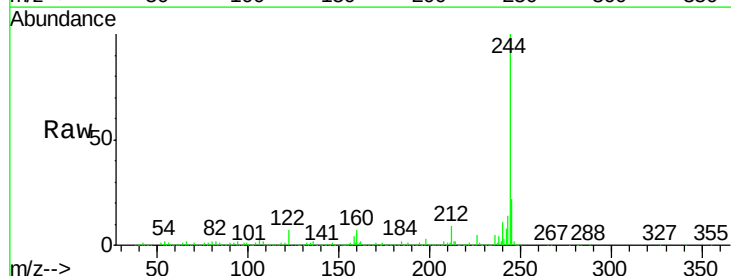
Tgt Ion:244 Resp: 1552006

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

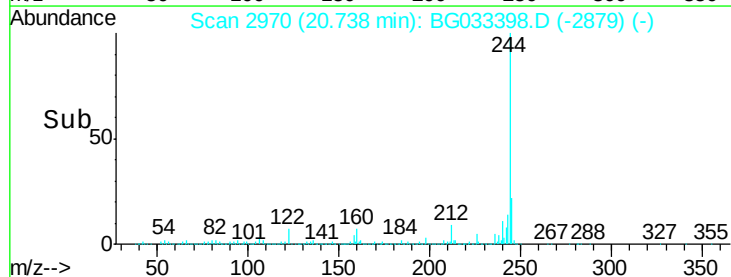
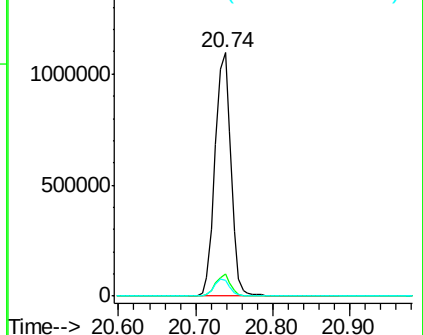
122 6.6 7.0 10.4#

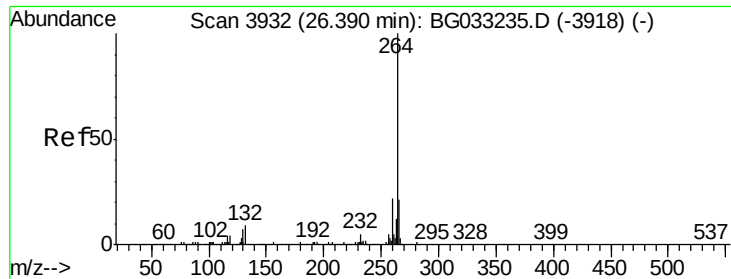


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.33 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BG033398.D
Acq: 28 Mar 2018 22:44

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.8	17.7	26.5

