

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033523.D
 Acq On : 3 Apr 2018 13:28
 Operator : SJ/JU
 Sample : J1757-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 14:52:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

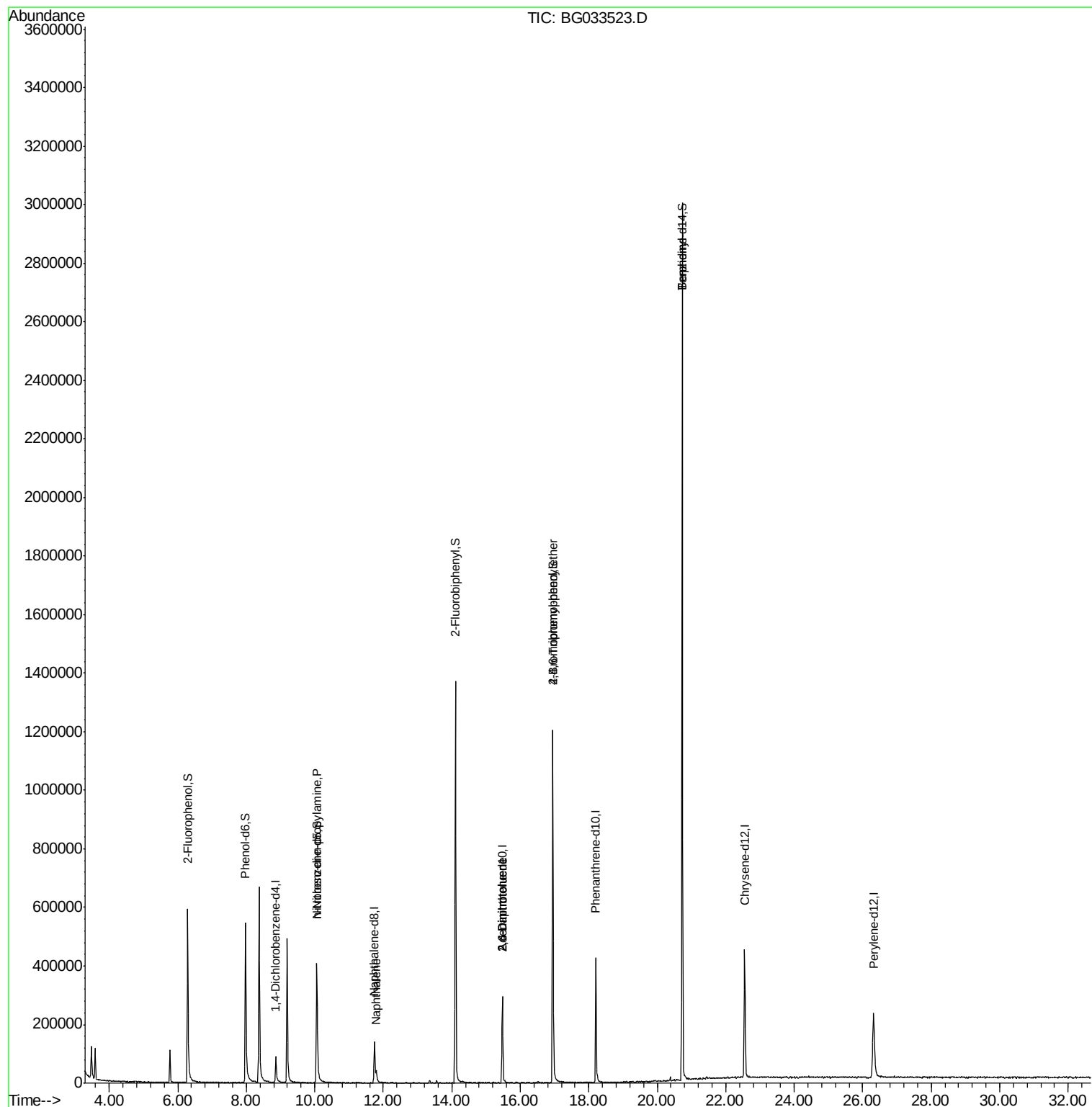
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33448	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	137191	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	114765	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	312571	20.00	ng	0.00
75) Chrysene-d12	22.55	240	328682	20.00	ng	0.00
86) Perylene-d12	26.31	264	335851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	286828	160.80	ng	0.00
7) Phenol-d6	7.98	99	386496	126.10	ng	0.00
23) Nitrobenzene-d5	10.06	82	318733	106.74	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	253198	147.51	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	762031	95.86	ng	0.00
78) Terphenyl-d14	20.73	244	1590213	103.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	44307	19.728	ng	# 70
31) Naphthalene	11.79	128	39261	5.523	ng	# 94
50) 2,6-Dinitrotoluene	15.48	165	14745	7.220	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	14745	4.904	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	19500	5.312	ng	# 1
76) Benzidine	20.73	184	26766	3.003	ng	# 93

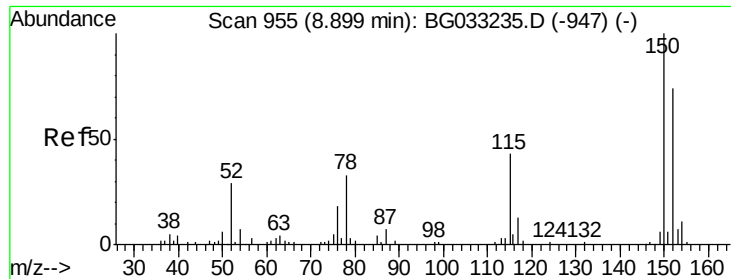
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040318\
Data File : BG033523.D
Acq On : 3 Apr 2018 13:28
Operator : SJ/JU
Sample : J1757-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 03 14:52:40 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 14:50:26 2018
Response via : Initial Calibration

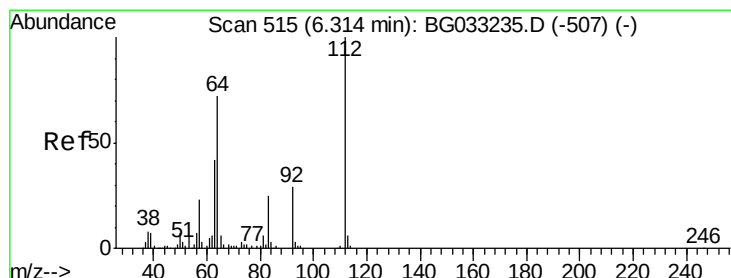
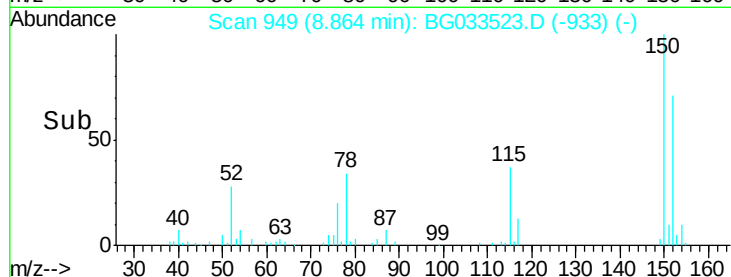
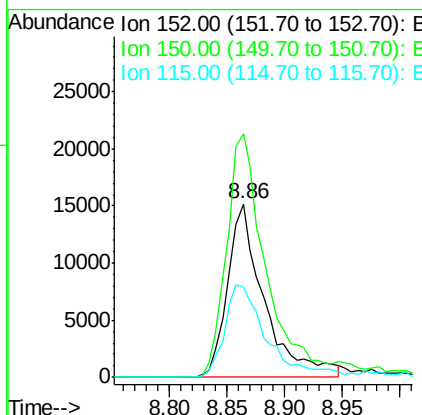
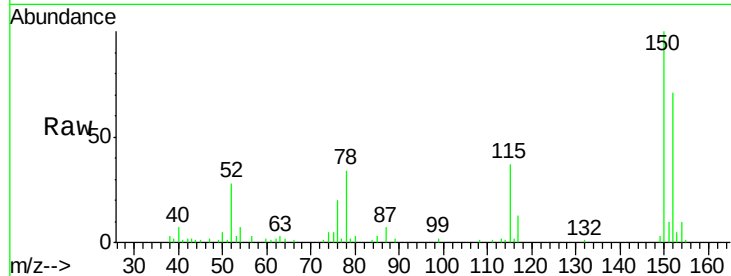




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033523.D
 Acq: 3 Apr 2018 13:28

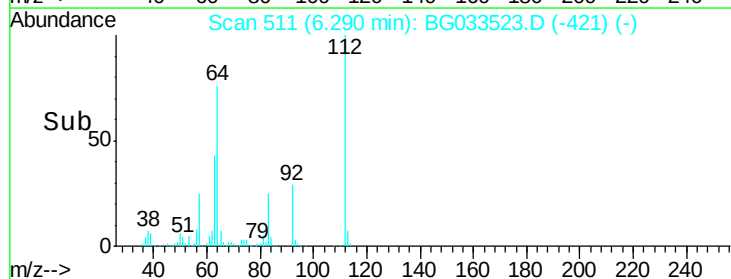
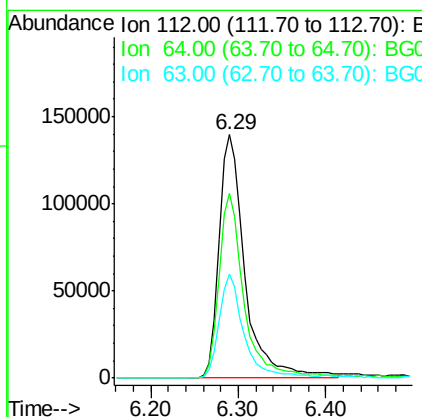
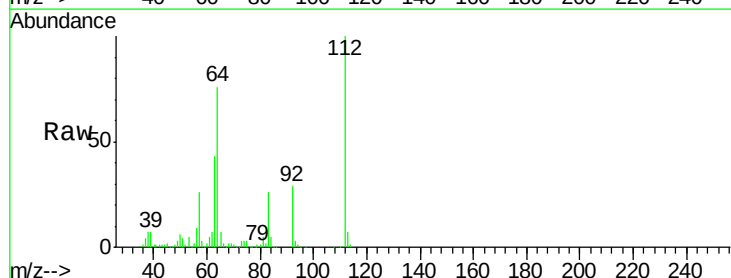
Instrument :
 BNA_G
 ClientSampleId :

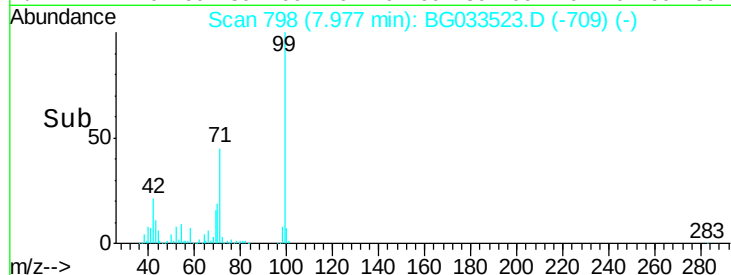
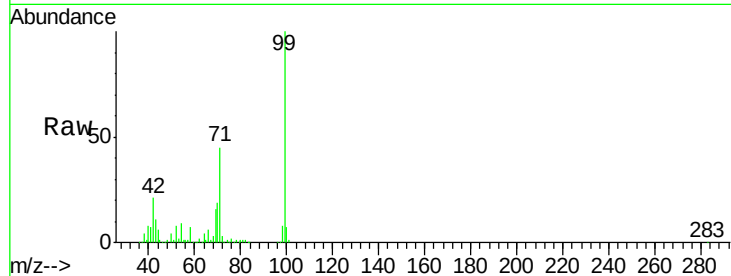
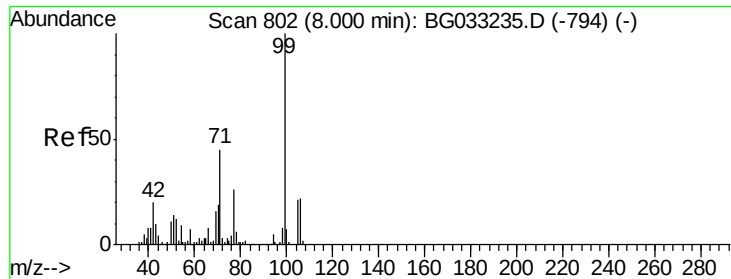
Tot Ion:152 Resp: 33448
 Ion Ratio Lower Upper
 152 100
 150 140.1 126.6 189.8
 115 51.9 53.0 79.4#



#5
 2-Fluorophenol
 Concen: 160.798 ng
 RT: 6.29 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BG033523.D
 Acq: 3 Apr 2018 13:28

Tgt Ion:112 Resp: 286828
 Ion Ratio Lower Upper
 112 100
 64 76.1 56.3 84.5
 63 42.5 30.1 45.1





#7

Phenol-d6

Concen: 126.104 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033523.D

Acq: 3 Apr 2018 13:28

Instrument :

BNA_G

ClientSampleId :

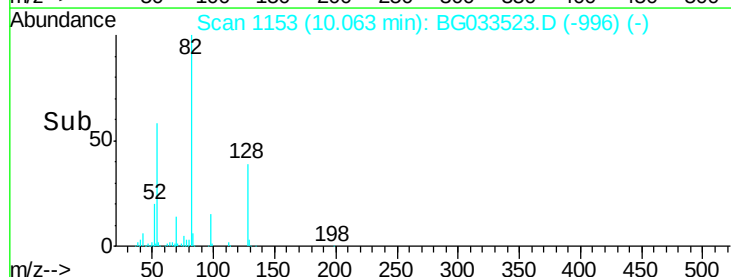
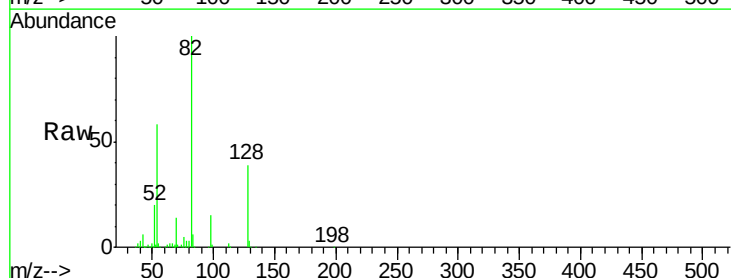
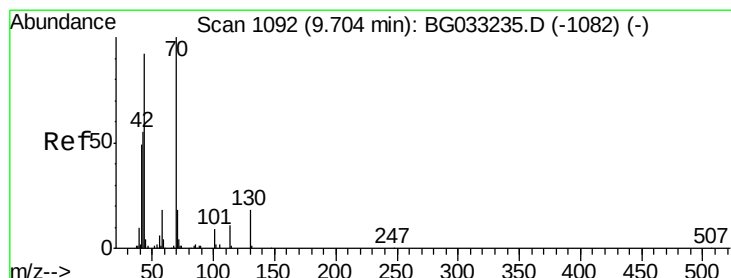
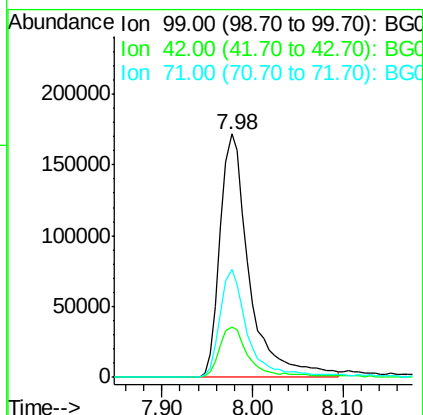
Tot Ion: 99 Resp: 386496

Ion Ratio Lower Upper

99 100

42 20.6 14.1 21.1

71 44.5 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 19.728 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.39 min

Lab File: BG033523.D

Acq: 3 Apr 2018 13:28

Tgt Ion: 70 Resp: 44307

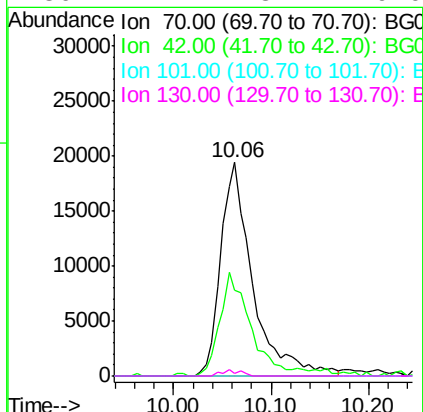
Ion Ratio Lower Upper

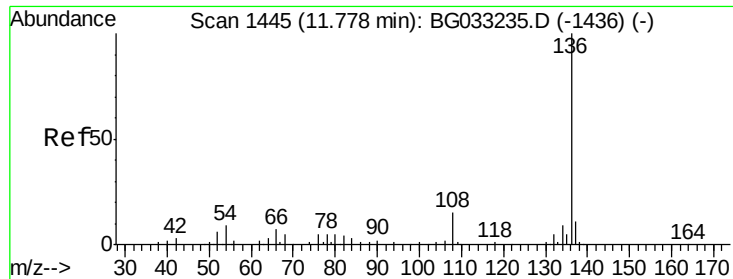
70 100

42 39.9 49.1 73.7#

101 0.0 8.5 12.7#

130 1.4 13.4 20.0#

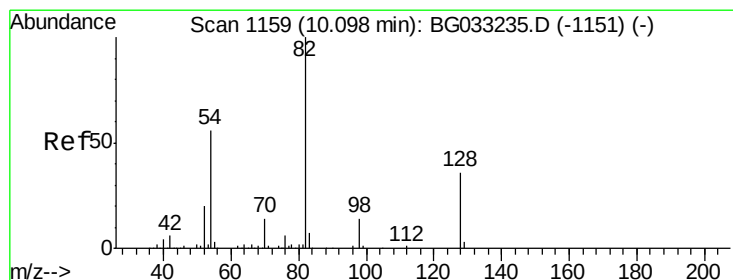
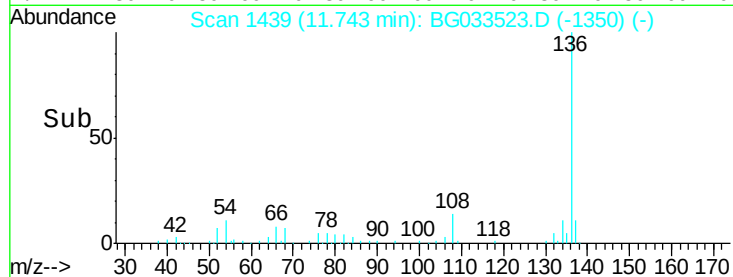
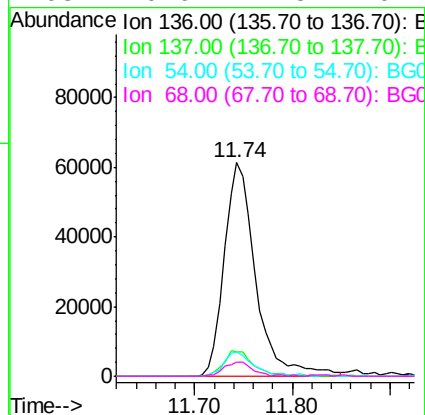
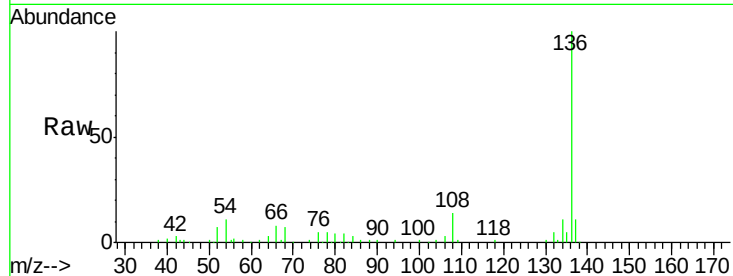




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033523.D
Acq: 3 Apr 2018 13:28

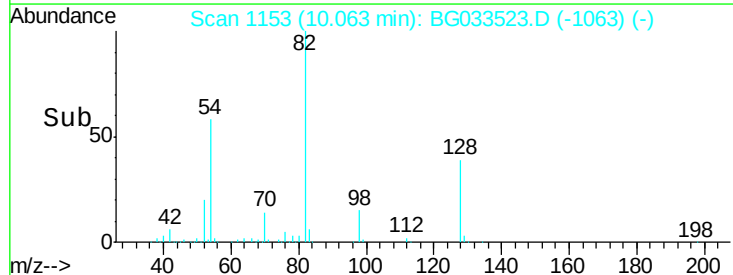
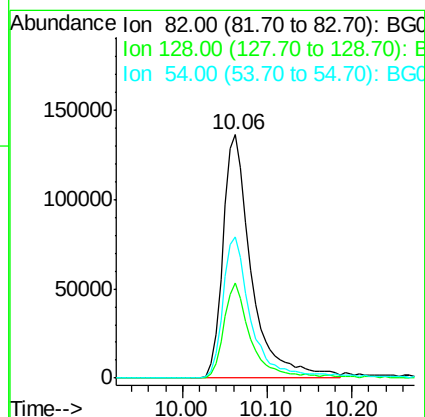
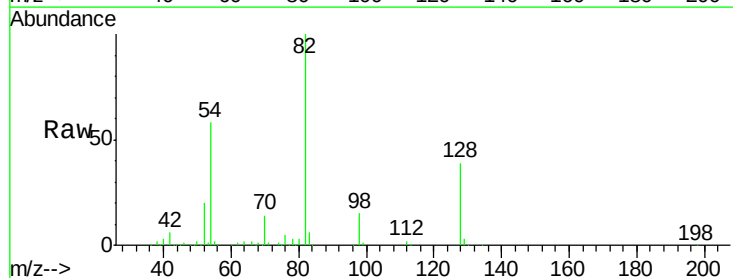
Instrument :
BNA_G
ClientSampleId :

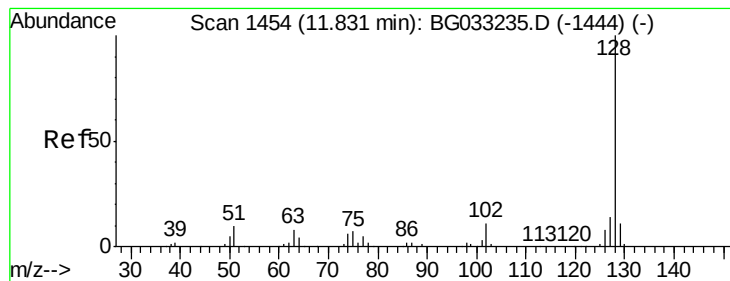
Tot Ion:136	Resp:	137191
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.2 13.8
54	11.3	10.3 15.5
68	6.6	4.5 6.7



#23
Nitrobenzene-d5
Concen: 106.741 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BG033523.D
Acq: 3 Apr 2018 13:28

Tgt Ion: 82	Resp:	318733
Ion	Ratio	Lower Upper
82	100	
128	39.0	29.7 44.5
54	58.0	43.1 64.7





#31

Naphthalene

Concen: 5.523 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BG033523.D

Acq: 3 Apr 2018 13:28

Instrument :

BNA_G

ClientSampleId :

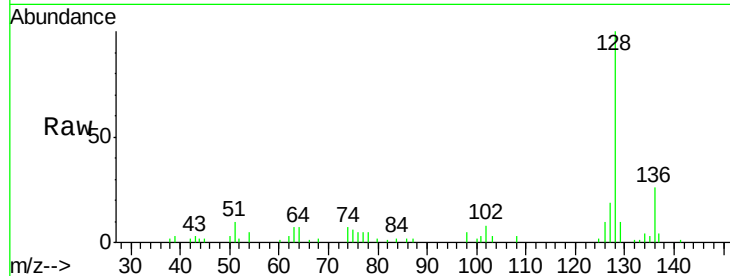
Tot Ion:128 Resp: 39261

Ion Ratio Lower Upper

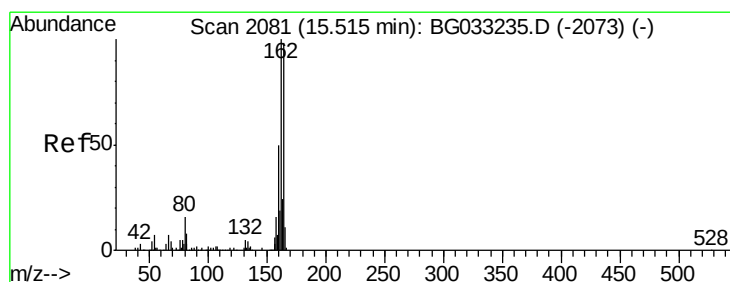
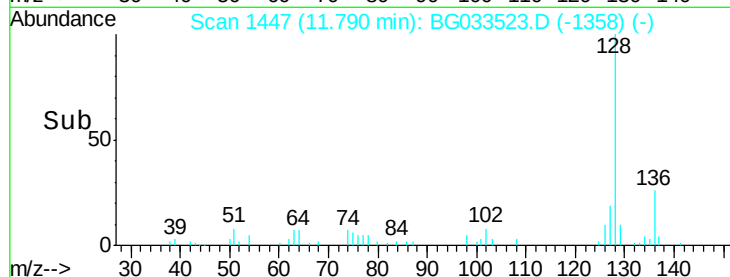
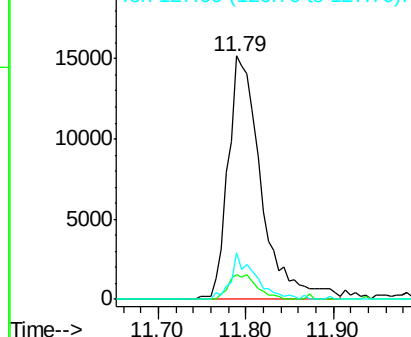
128 100

129 10.4 8.6 12.8

127 18.8 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BG033523.D

Acq: 3 Apr 2018 13:28

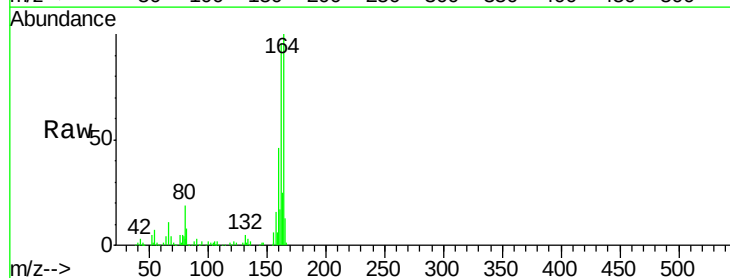
Tgt Ion:164 Resp: 114765

Ion Ratio Lower Upper

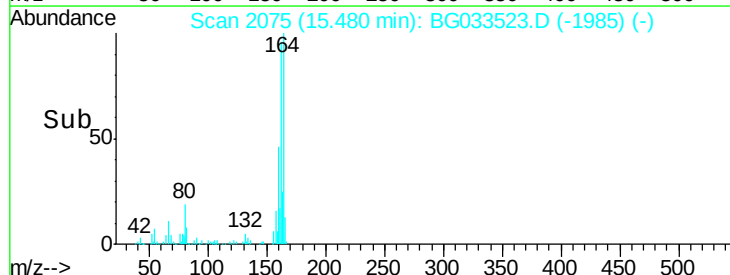
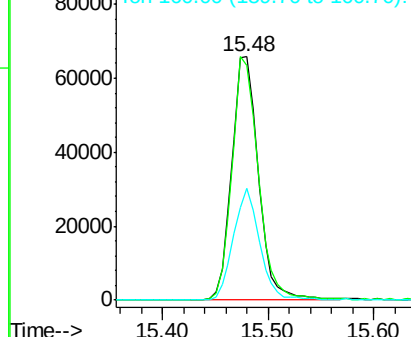
164 100

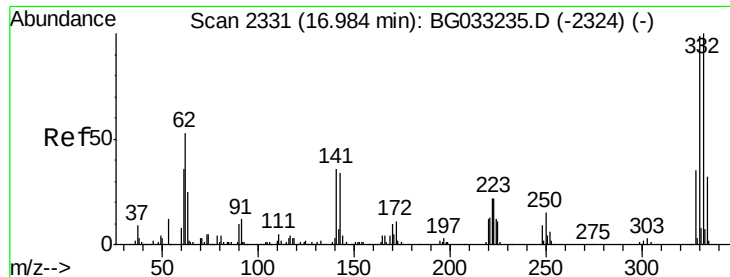
162 96.2 78.8 118.2

160 45.9 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

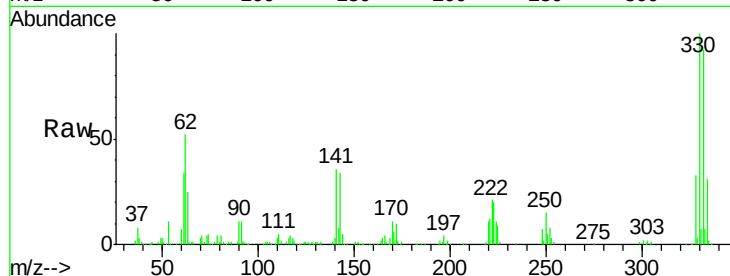




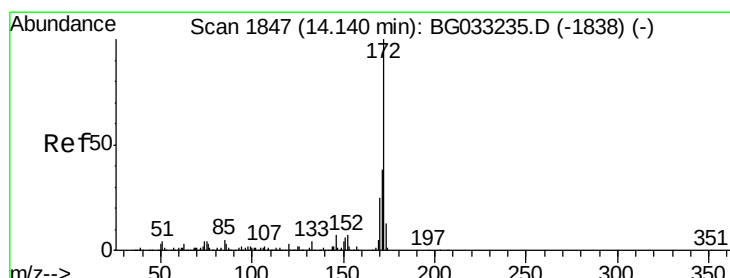
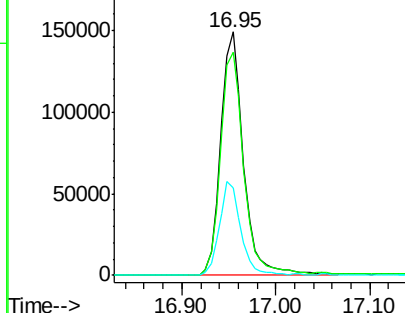
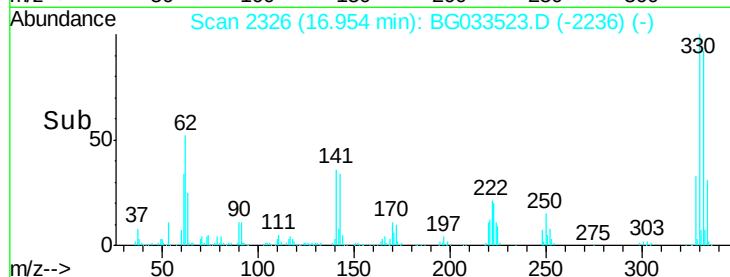
#41
 2,4,6-Tribromophenol
 Concen: 147.513 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033523.D
 Acq: 3 Apr 2018 13:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	35.9	25.2	37.8

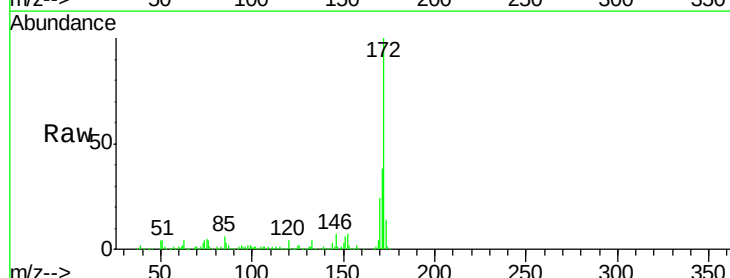


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

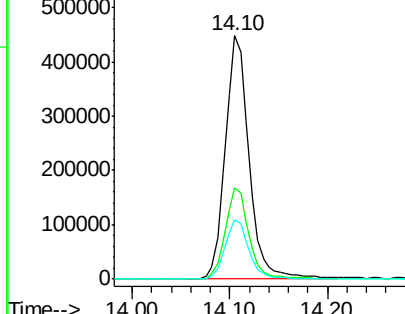
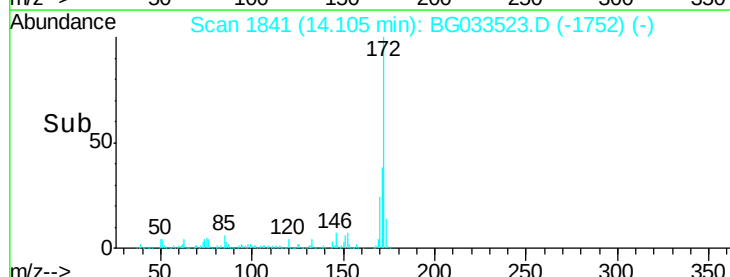


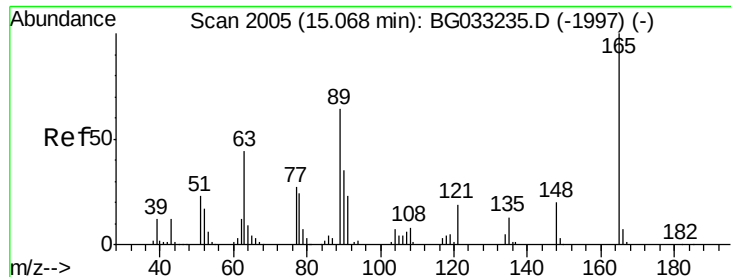
#44
 2-Fluorobiphenyl
 Concen: 95.856 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033523.D
 Acq: 3 Apr 2018 13:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.2	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

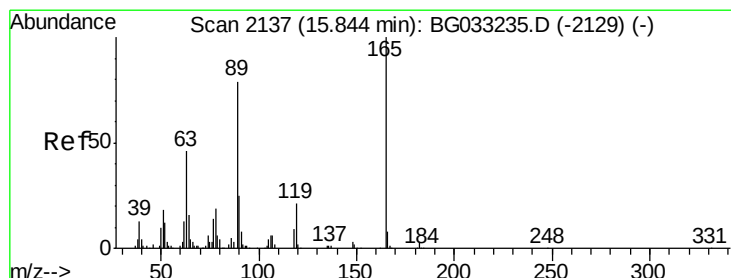
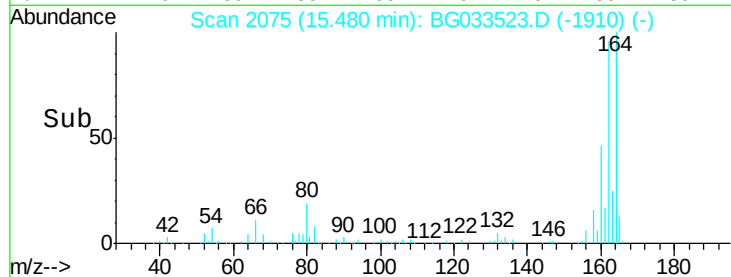
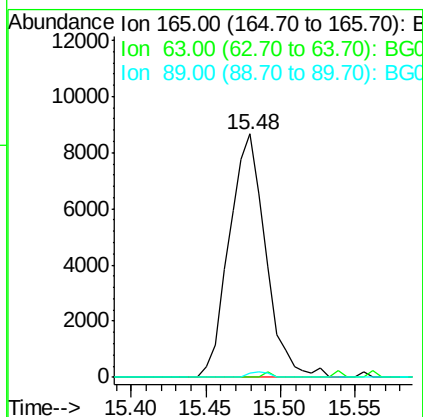
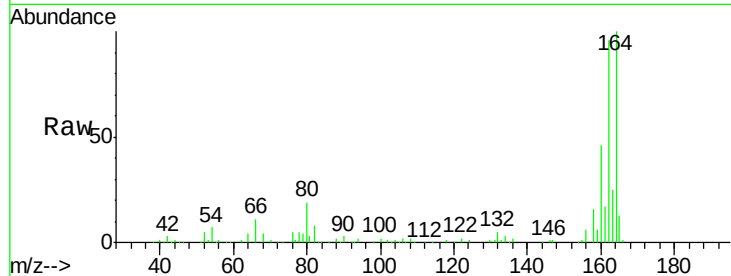




#50
 2,6-Dinitrotoluene
 Concen: 7.220 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.44 min
 Lab File: BG033523.D
 Acq: 3 Apr 2018 13:28

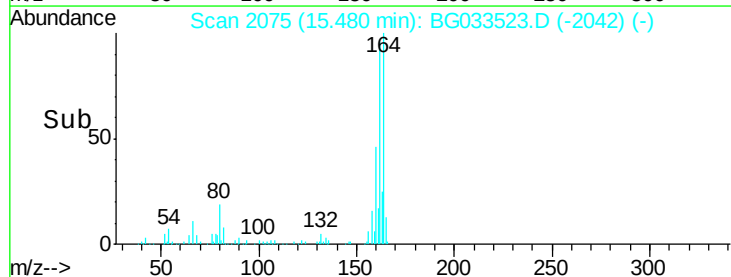
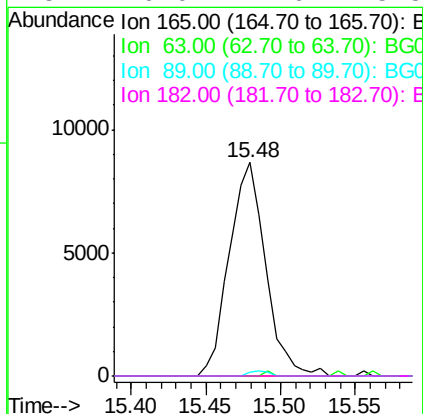
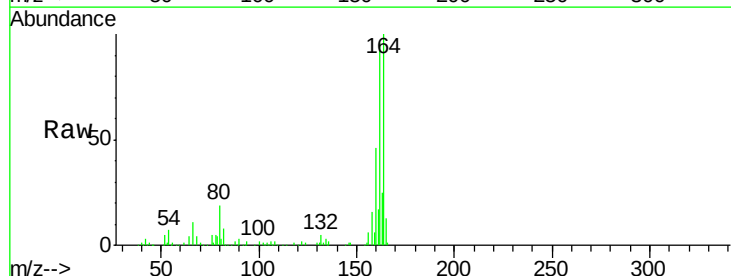
Instrument :
 BNA_G
 ClientSampleId :

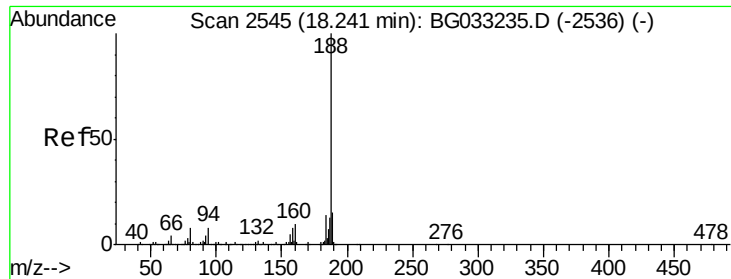
Tot Ion:165 Resp: 14745
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.9 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.904 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.33 min
 Lab File: BG033523.D
 Acq: 3 Apr 2018 13:28

Tgt Ion:165 Resp: 14745
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.9 66.9 100.3#
 182 0.0 2.6 3.8#

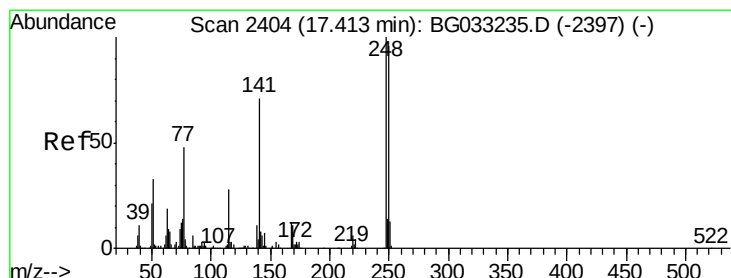
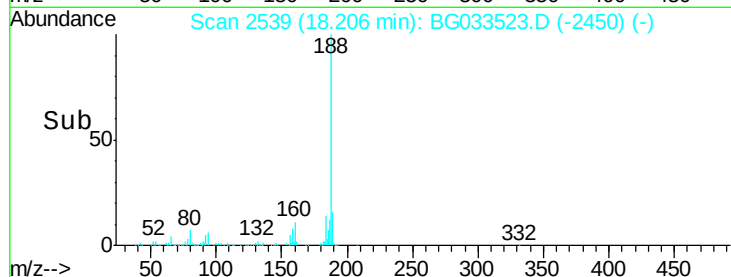
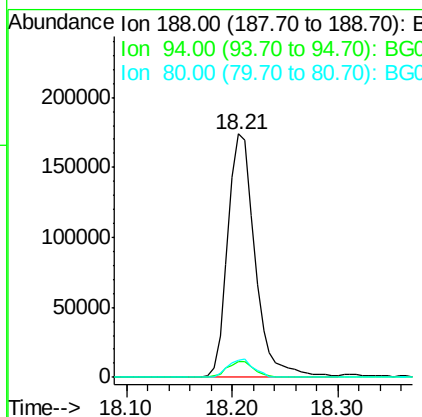
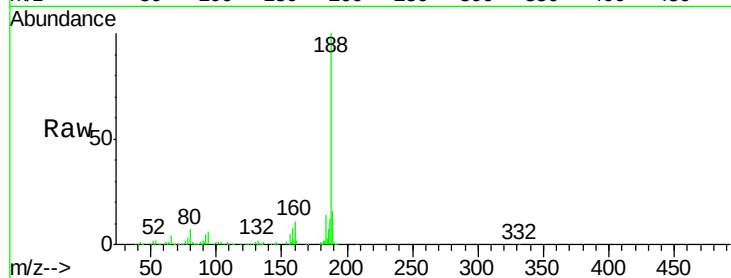




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033523.D
Acq: 3 Apr 2018 13:28

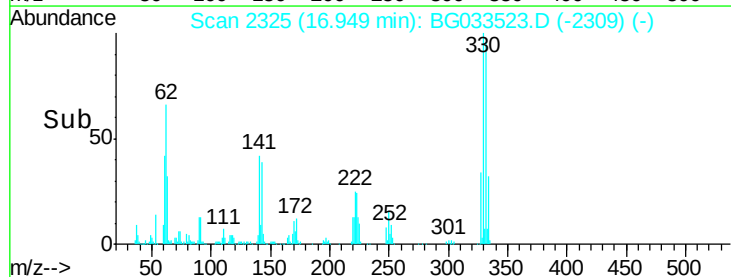
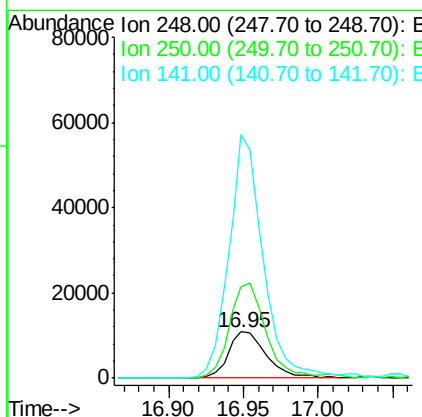
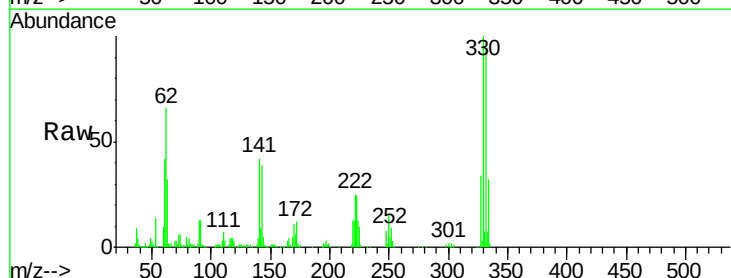
Instrument :
BNA_G
ClientSampled :

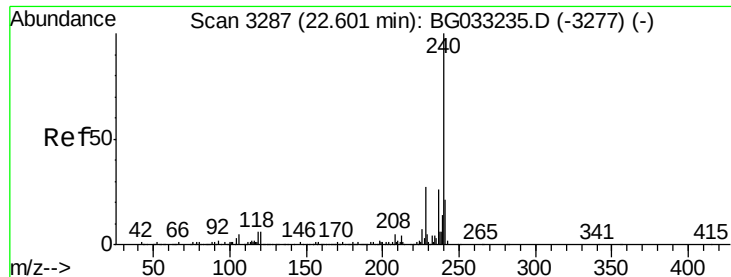
Tot Ion:188 Resp: 312571
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.3 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 5.312 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033523.D
Acq: 3 Apr 2018 13:28

Tgt Ion:248 Resp: 19500
Ion Ratio Lower Upper
248 100
250 155.1 77.1 115.7#
141 412.7 50.8 76.2#

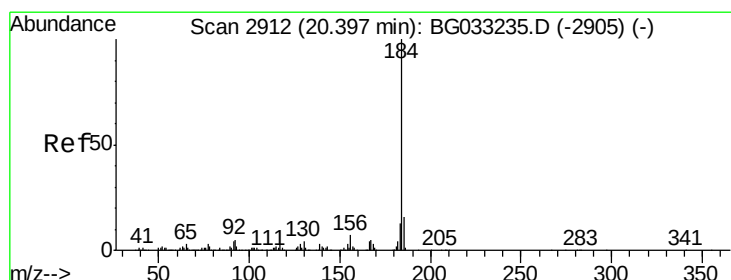
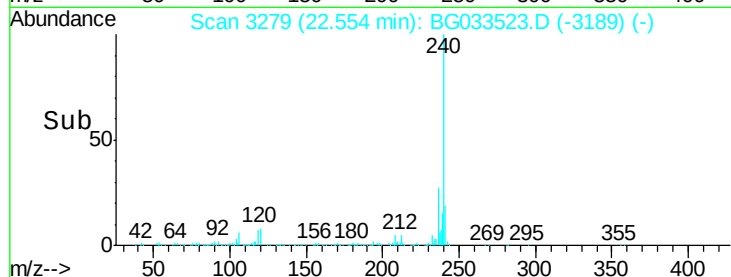
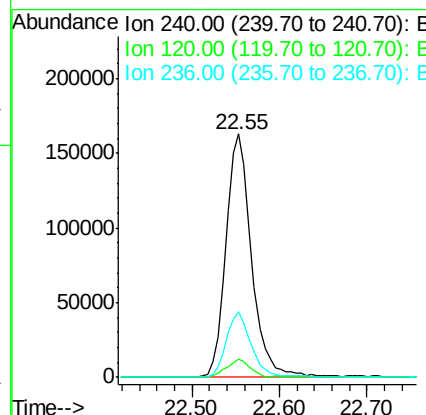
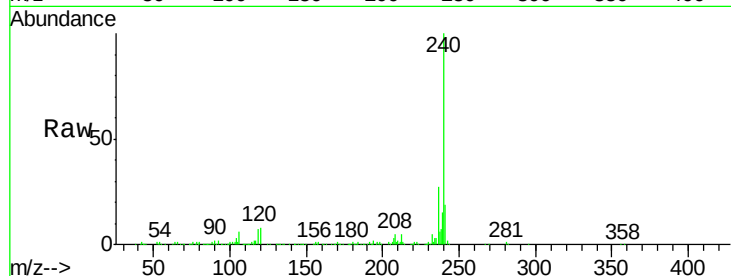




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. 0.00 min
 Lab File: BG033523.D
 Acq: 3 Apr 2018 13:28

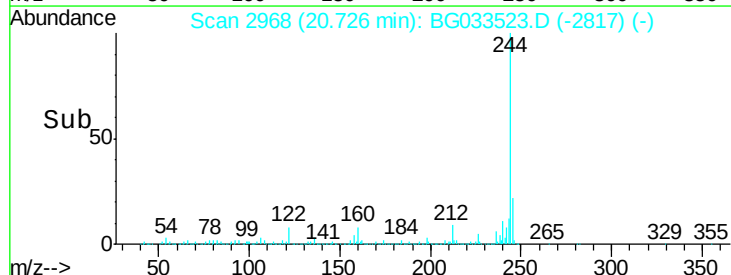
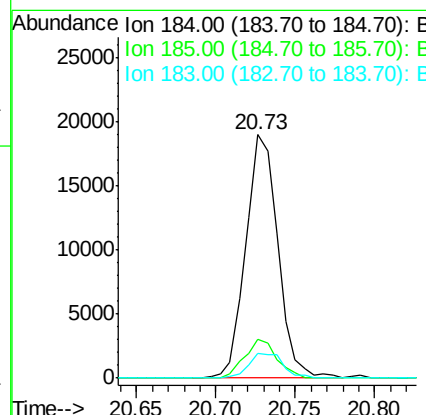
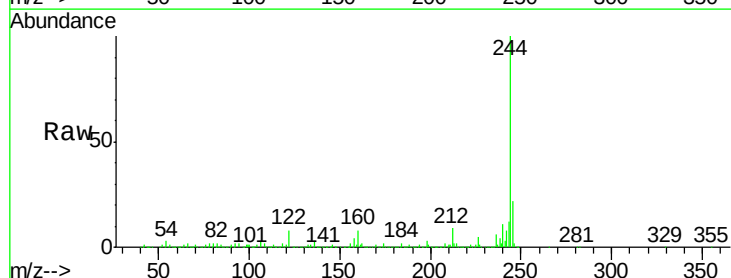
Instrument :
 BNA_G
 ClientSampleId :

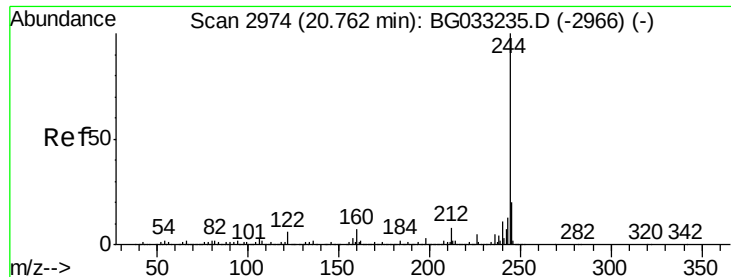
Tot Ion:240 Resp: 328682
 Ion Ratio Lower Upper
 240 100
 120 7.5 6.8 10.2
 236 26.8 20.9 31.3



#76
 Benzidine
 Concen: 3.003 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. 0.36 min
 Lab File: BG033523.D
 Acq: 3 Apr 2018 13:28

Tgt Ion:184 Resp: 26766
 Ion Ratio Lower Upper
 184 100
 185 16.2 11.1 16.7
 183 10.0 10.6 16.0#





#78

Terphenyl-d14

Concen: 103.469 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033523.D

Acq: 3 Apr 2018 13:28

Instrument :

BNA_G

ClientSampled :

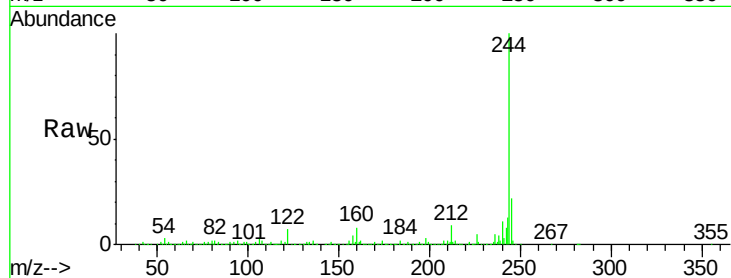
Tot Ion:244 Resp: 1590213

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

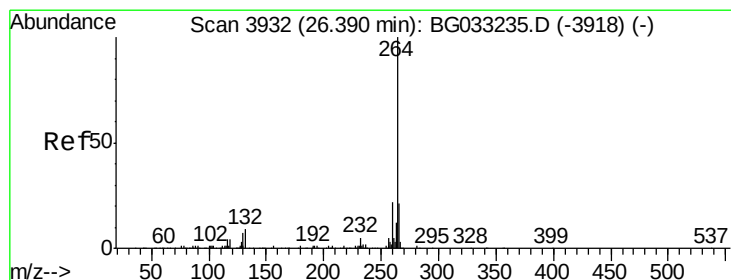
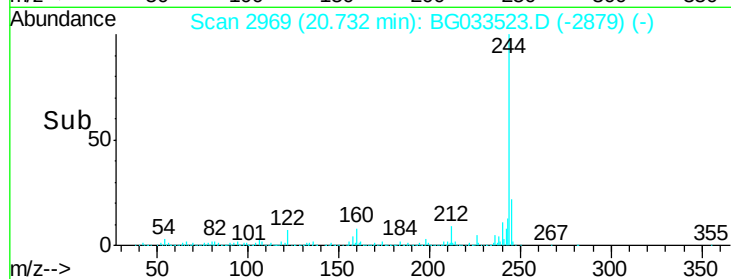
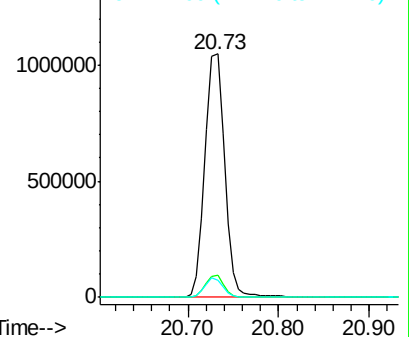
122 7.2 7.0 10.4



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: 26.31 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BG033523.D

Acq: 3 Apr 2018 13:28

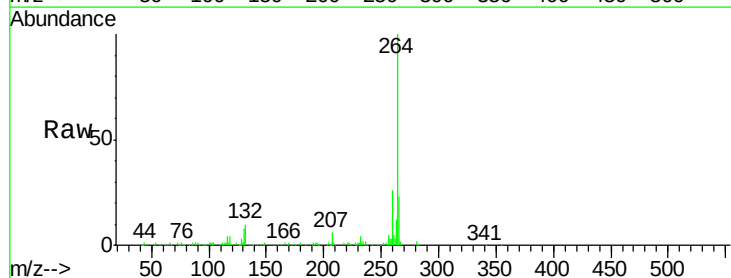
Tgt Ion:264 Resp: 335851

Ion Ratio Lower Upper

264 100

260 26.0 17.4 26.0

265 23.3 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

