

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033530.D
 Acq On : 3 Apr 2018 17:50
 Operator : SJ/JU
 Sample : J2131-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 18:43:28 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

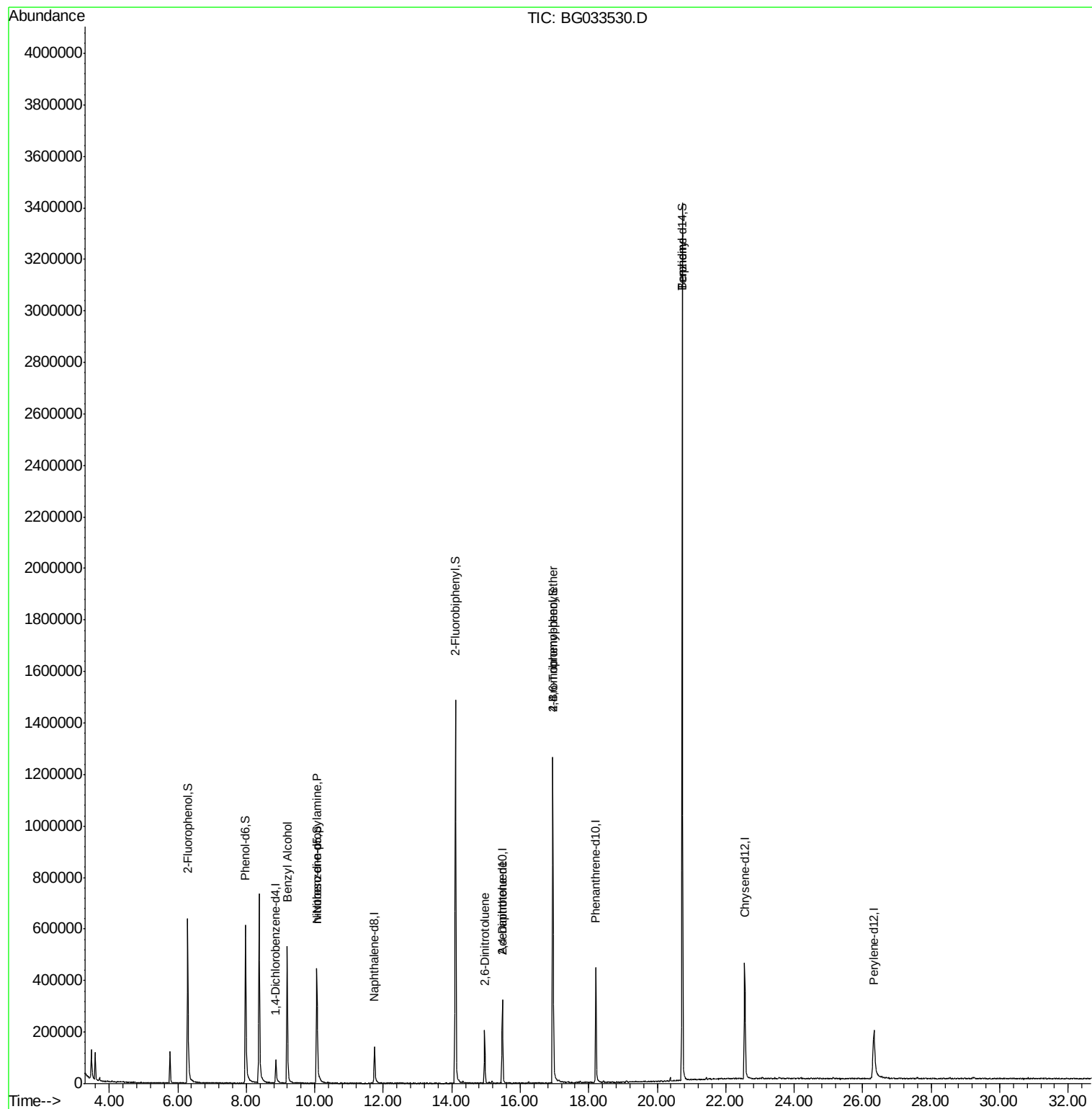
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33666	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	145731	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	118358	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	325647	20.00	ng	0.00
75) Chrysene-d12	22.55	240	338531	20.00	ng	0.00
86) Perylene-d12	26.32	264	340370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	312225	173.90	ng	0.00
7) Phenol-d6	7.98	99	441817	143.22	ng	0.00
23) Nitrobenzene-d5	10.06	82	356793	112.48	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	266331	150.45	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	873813	106.58	ng	0.00
78) Terphenyl-d14	20.73	244	1719091	108.60	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5863	2.414	ng	# 53
19) n-Nitroso-di-n-propylamine	10.06	70	47583	21.050	ng	# 73
50) 2,6-Dinitrotoluene	14.96	165	32036	15.211	ng	# 21
56) 2,4-Dinitrotoluene	15.48	165	15701	5.063	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	20287	5.305	ng	# 1
76) Benzidine	20.73	184	29943	3.262	ng	# 91

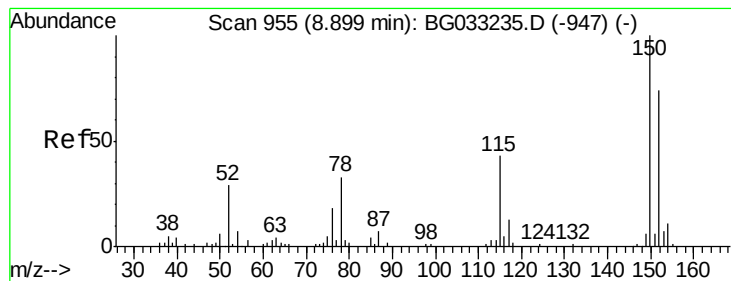
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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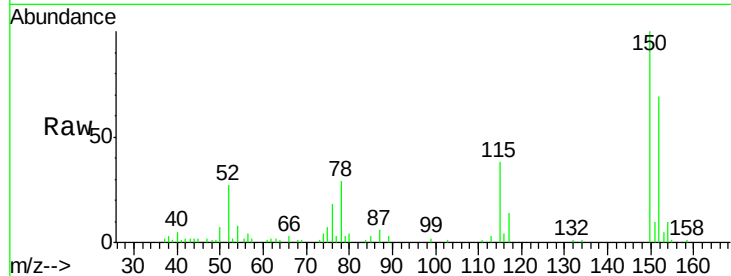


#1

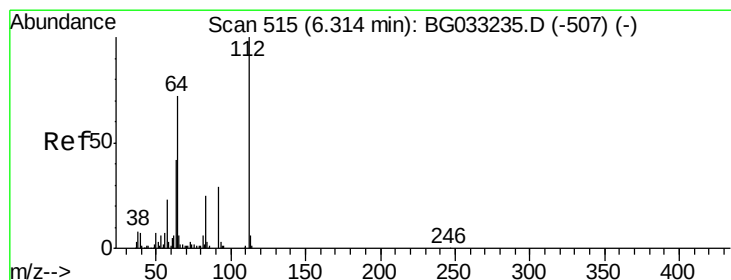
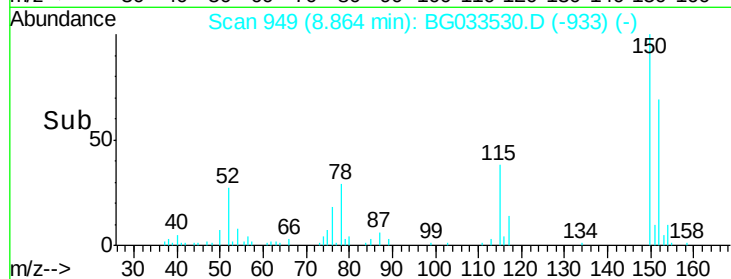
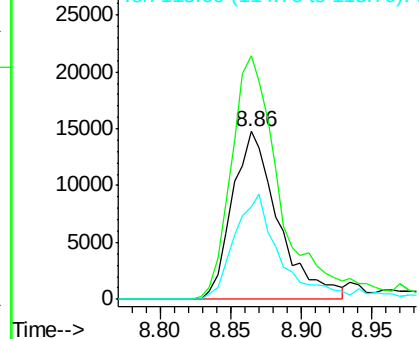
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033530.D
Acq: 3 Apr 2018 17:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 33666
Ion Ratio Lower Upper
152 100
150 145.0 126.6 189.8
115 55.3 53.0 79.4



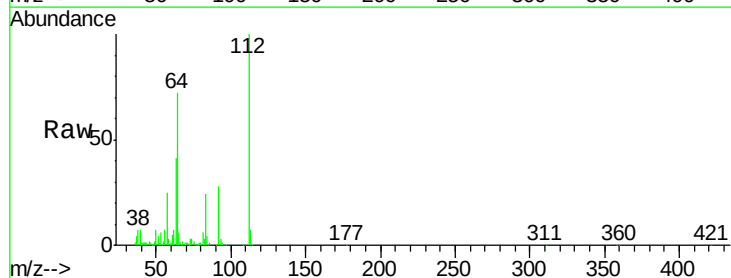
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



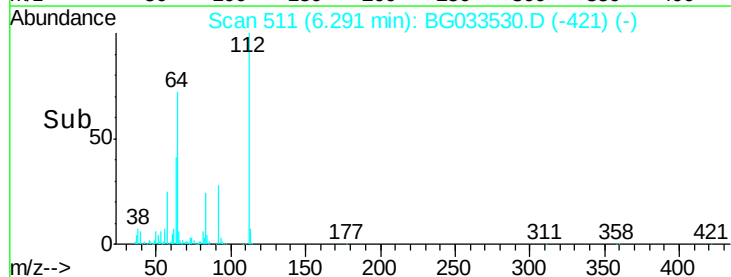
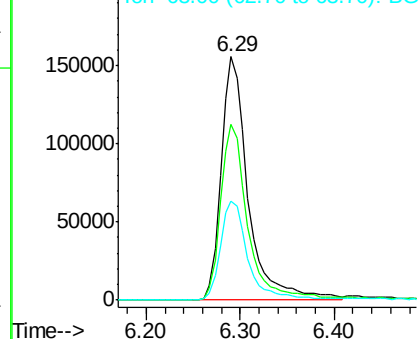
#5

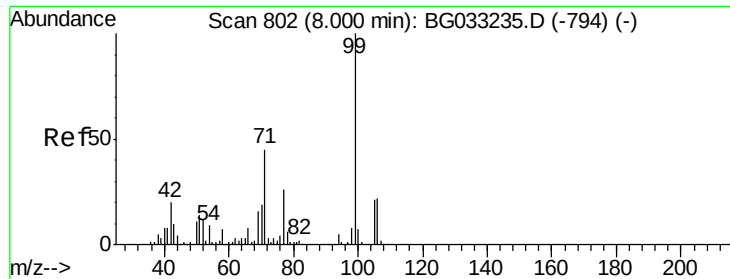
2-Fluorophenol
Concen: 173.902 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033530.D
Acq: 3 Apr 2018 17:50

Tgt Ion:112 Resp: 312225
Ion Ratio Lower Upper
112 100
64 72.3 56.3 84.5
63 40.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 143.220 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033530.D

Acq: 3 Apr 2018 17:50

Instrument :

BNA_G

ClientSampled :

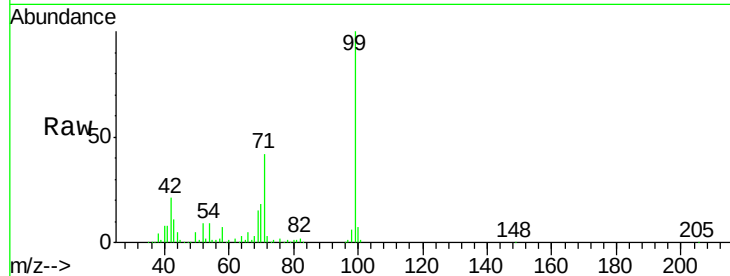
Tot Ion: 99 Resp: 441817

Ion Ratio Lower Upper

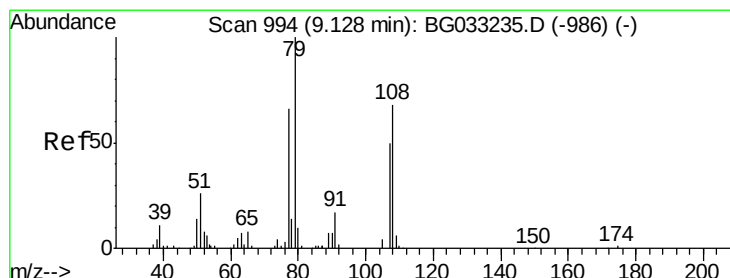
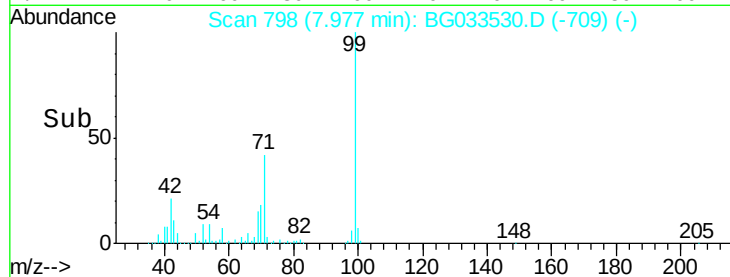
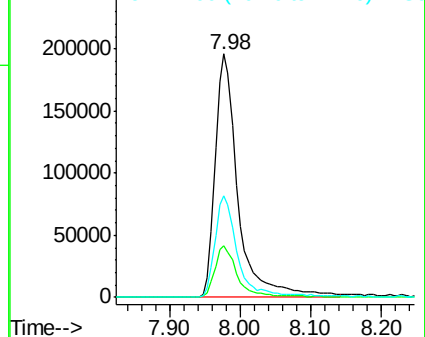
99 100

42 21.3 14.1 21.1#

71 41.9 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



#15

Benzyl Alcohol

Concen: 2.414 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033530.D

Acq: 3 Apr 2018 17:50

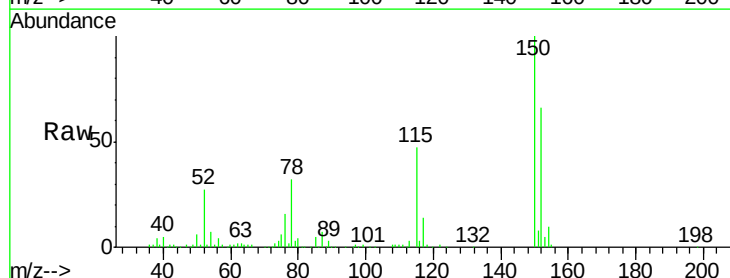
Tgt Ion: 79 Resp: 5863

Ion Ratio Lower Upper

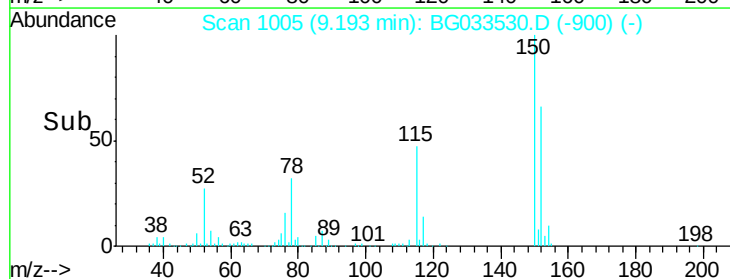
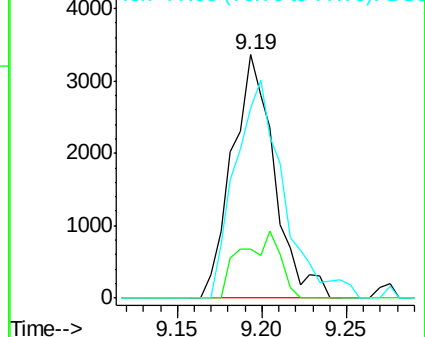
79 100

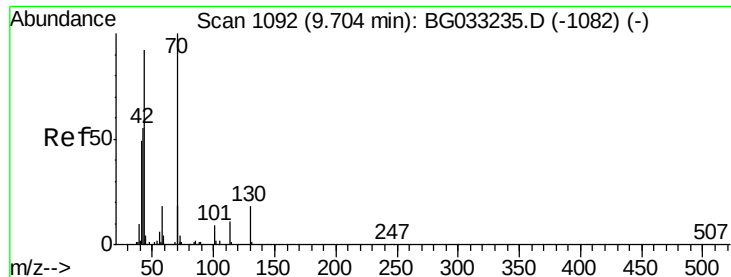
108 19.9 57.2 85.8#

77 77.7 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

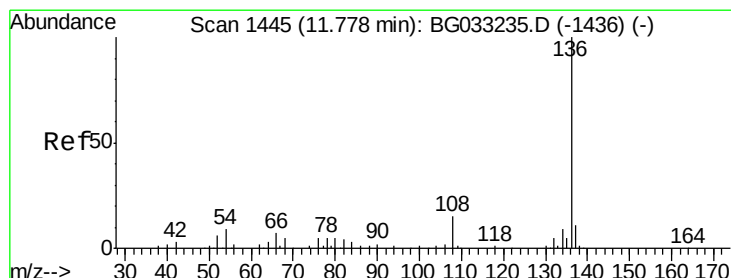
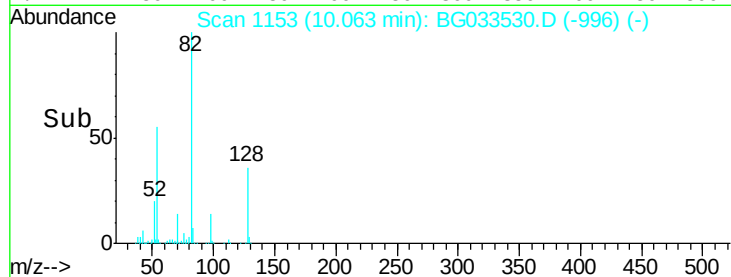
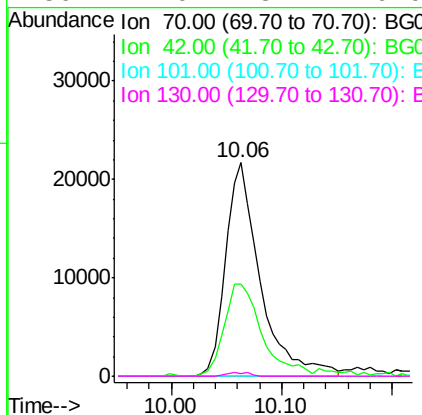
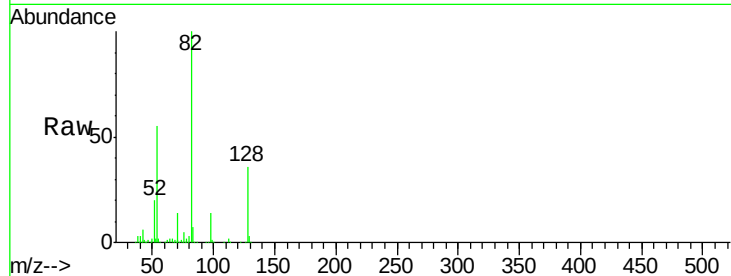




#19
 n-Nitroso-di-n-propylamine
 Concen: 21.050 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.39 min
 Lab File: BG033530.D
 Acq: 3 Apr 2018 17:50

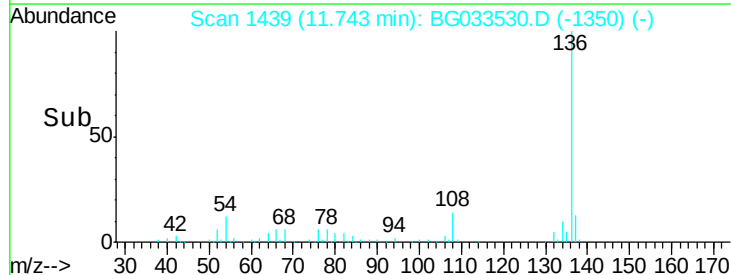
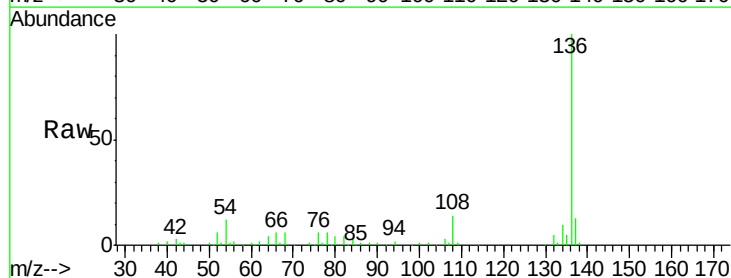
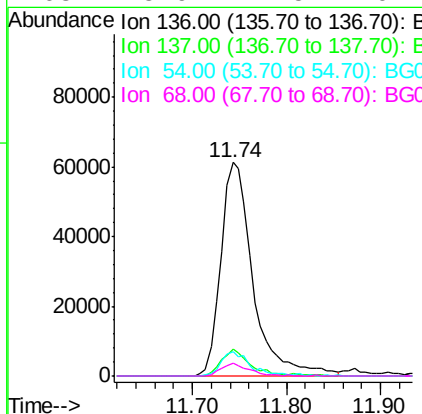
Instrument :
 BNA_G
 ClientSampleId :

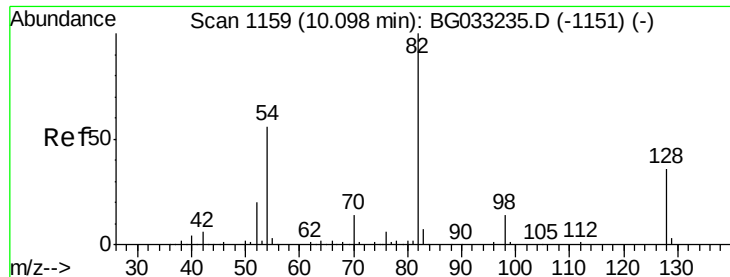
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.0	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BG033530.D
 Acq: 3 Apr 2018 17:50

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.2	13.8
54	11.5	10.3	15.5
68	5.9	4.5	6.7





#23

Nitrobenzene-d5

Concen: 112.485 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG033530.D

Acq: 3 Apr 2018 17:50

Instrument :

BNA_G

ClientSampled :

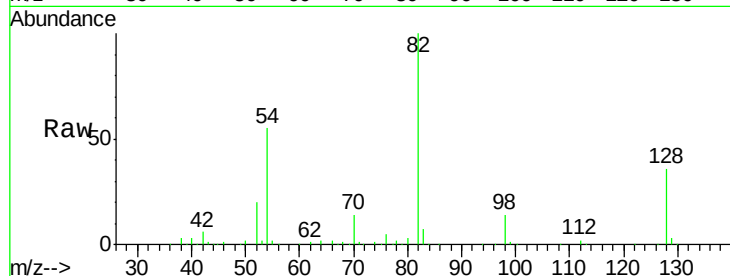
Tot Ion: 82 Resp: 356793

Ion Ratio Lower Upper

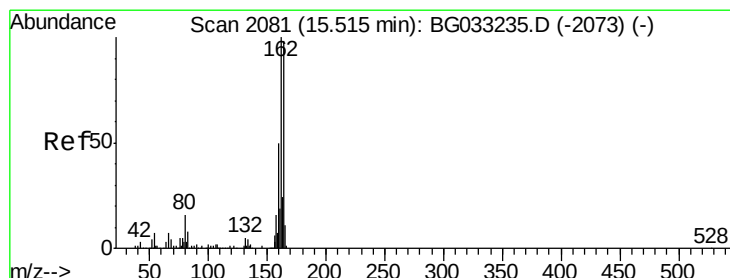
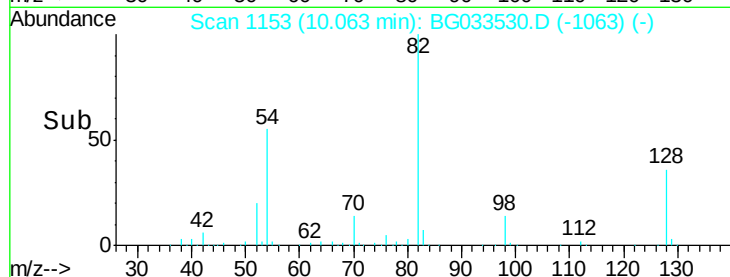
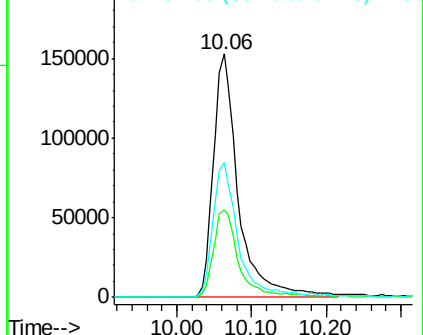
82 100

128 35.8 29.7 44.5

54 55.2 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BG033530.D

Acq: 3 Apr 2018 17:50

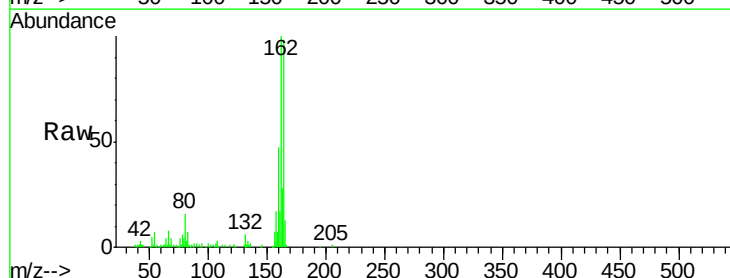
Tgt Ion:164 Resp: 118358

Ion Ratio Lower Upper

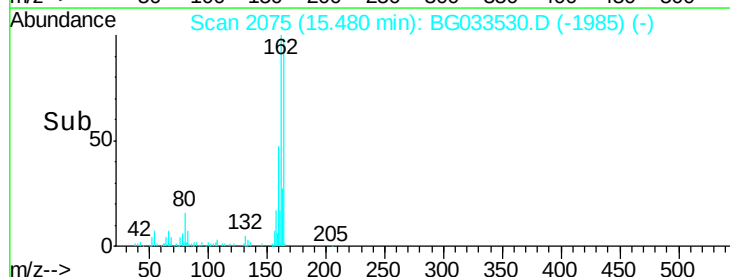
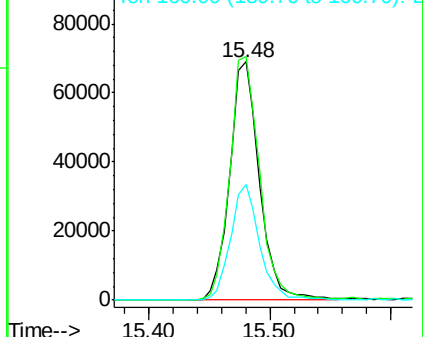
164 100

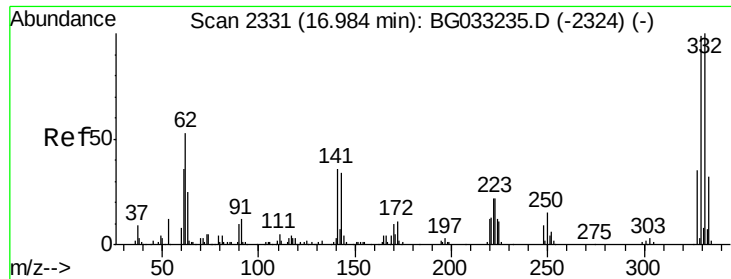
162 102.2 78.8 118.2

160 48.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

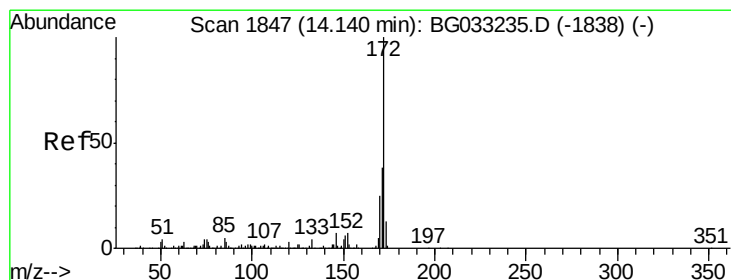
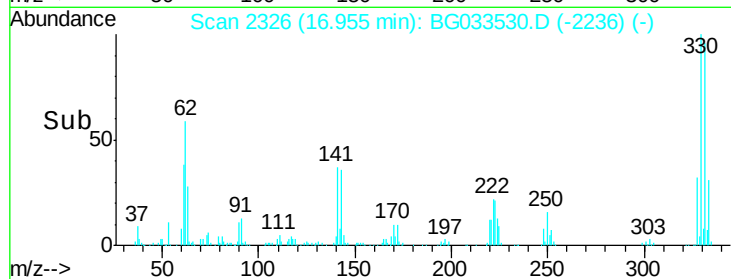
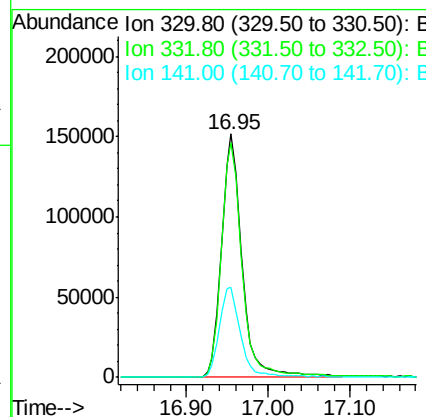
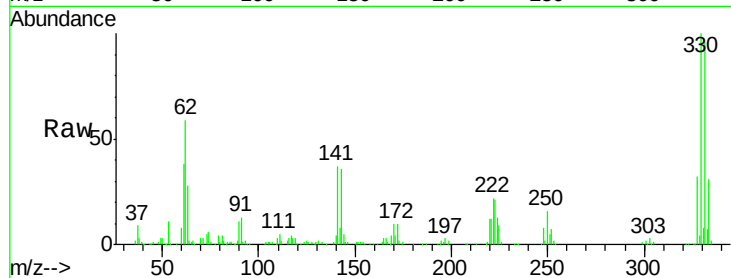




#41
 2,4,6-Tribromophenol
 Concen: 150.454 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033530.D
 Acq: 3 Apr 2018 17:50

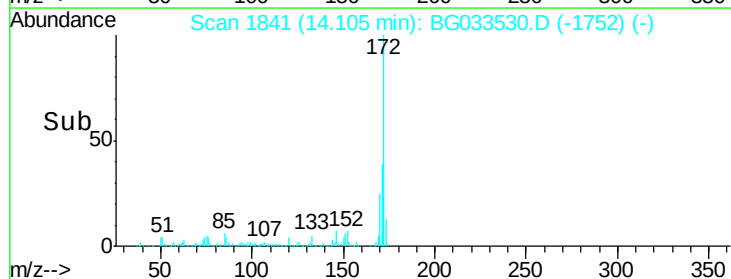
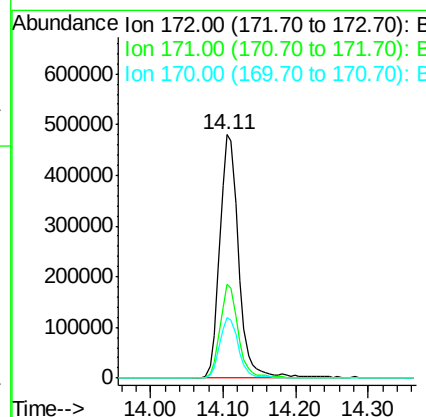
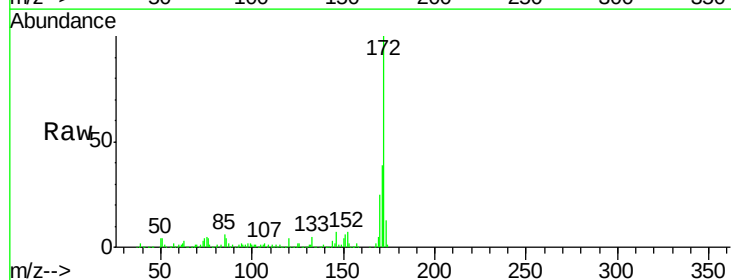
Instrument :
 BNA_G
 ClientSampleId :

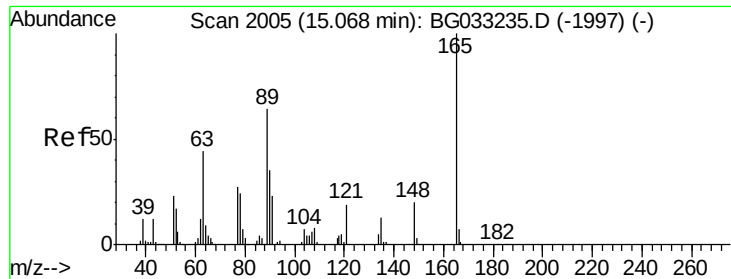
Tot Ion:330 Resp: 266331
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 37.9 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 106.581 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033530.D
 Acq: 3 Apr 2018 17:50

Tgt Ion:172 Resp: 873813
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.0 45.0
 170 24.7 19.5 29.3

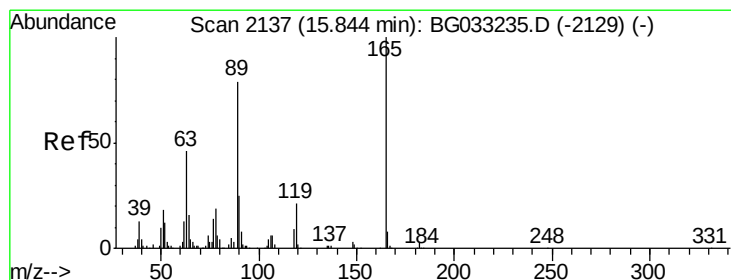
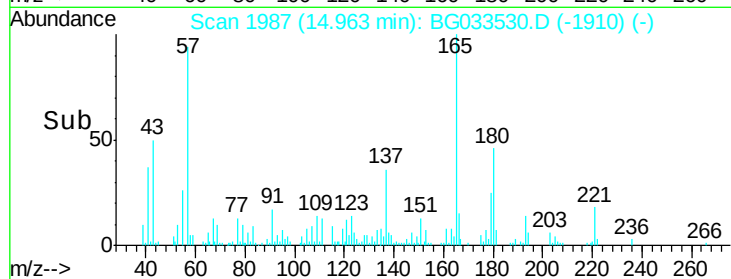
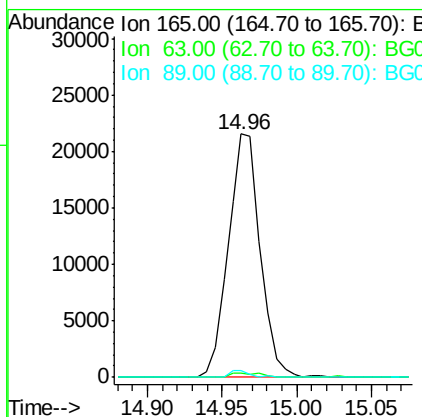
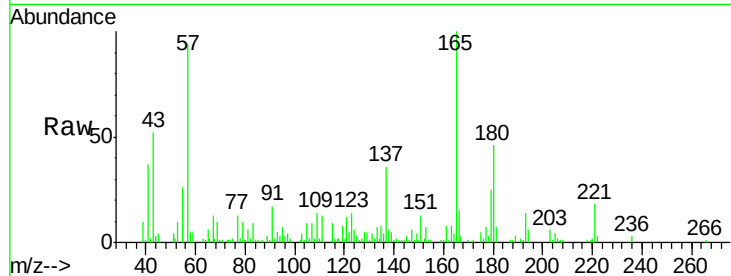




#50
2,6-Dinitrotoluene
Concen: 15.211 ng
RT: 14.96 min Scan# 1987
Delta R.T. -0.08 min
Lab File: BG033530.D
Acq: 3 Apr 2018 17:50

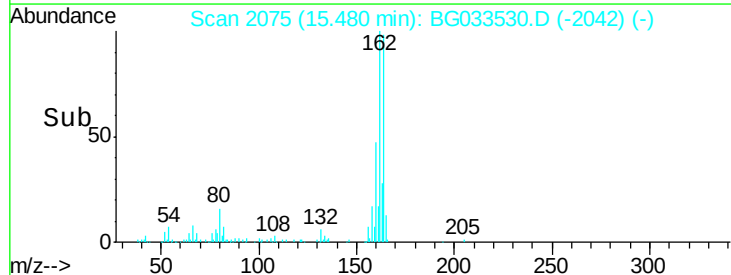
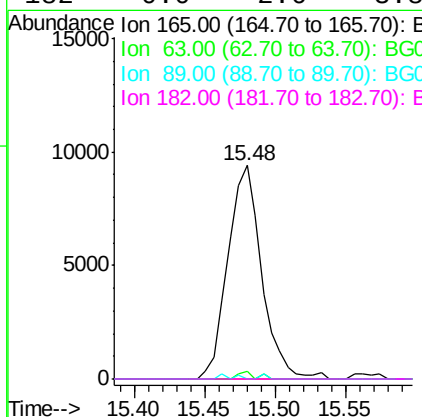
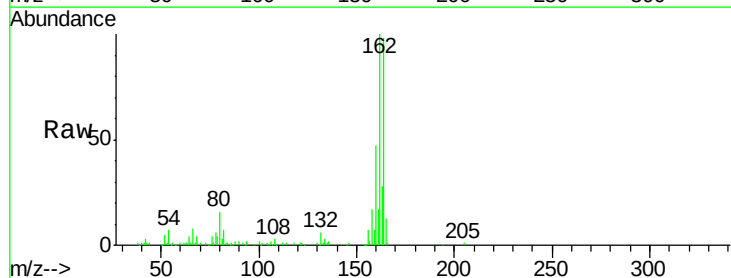
Instrument :
BNA_G
ClientSampleId :

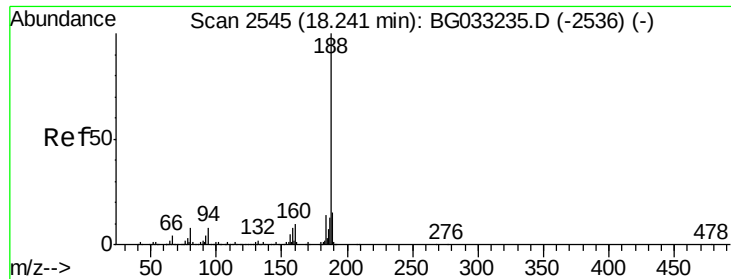
Tot Ion:165 Resp: 32036
Ion Ratio Lower Upper
165 100
63 1.6 52.7 79.1#
89 2.9 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 5.063 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.33 min
Lab File: BG033530.D
Acq: 3 Apr 2018 17:50

Tgt Ion:165 Resp: 15701
Ion Ratio Lower Upper
165 100
63 3.8 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#

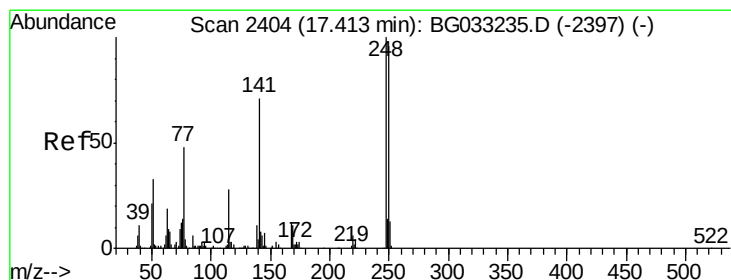
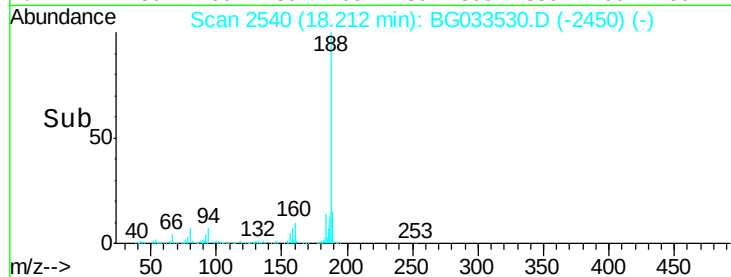
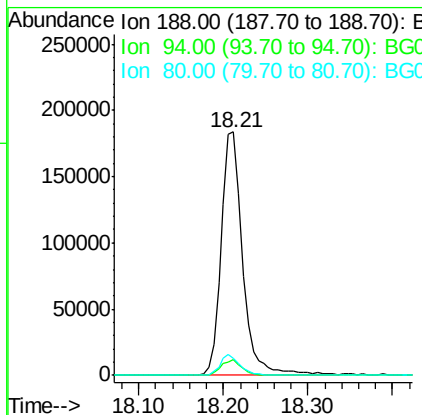
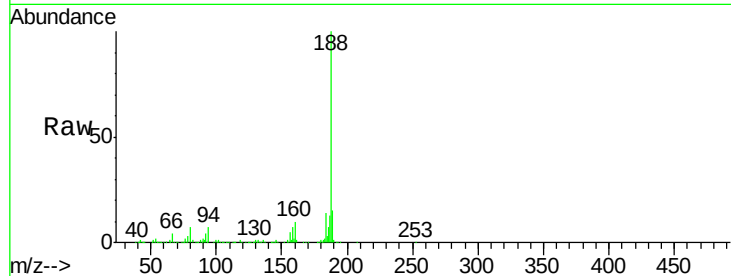




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. 0.00 min
 Lab File: BG033530.D
 Acq: 3 Apr 2018 17:50

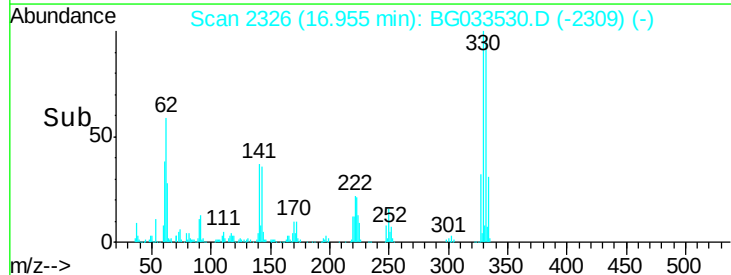
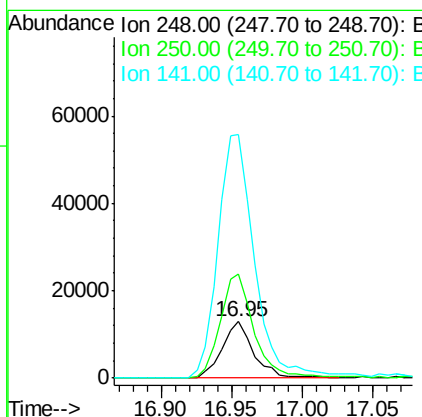
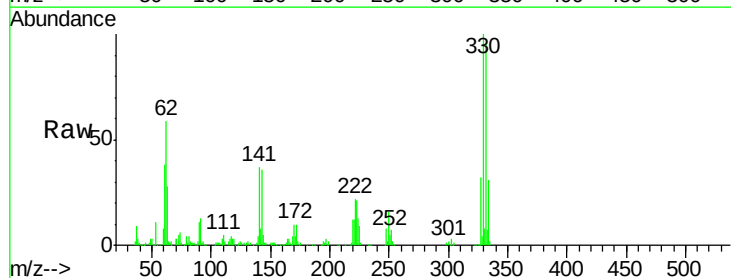
Instrument :
 BNA_G
 ClientSampled :

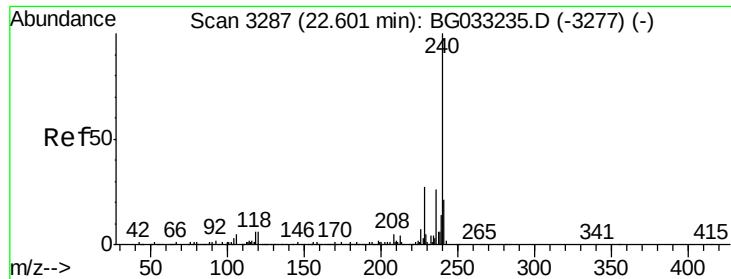
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.2	7.7	11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 5.305 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033530.D
 Acq: 3 Apr 2018 17:50

Tgt Ion	Ratio	Lower	Upper
248	100		
250	145.5	77.1	115.7#
141	342.4	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: BG033530.D

Acq: 3 Apr 2018 17:50

Instrument :

BNA_G

ClientSampled :

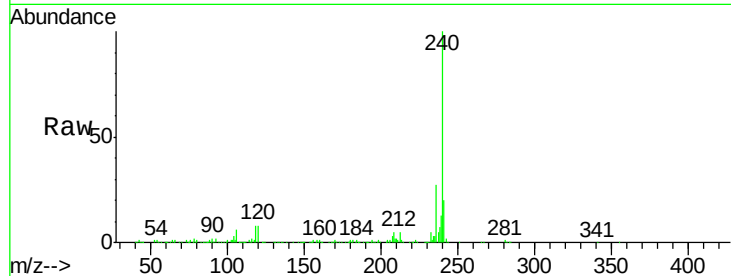
Tot Ion:240 Resp: 338531

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

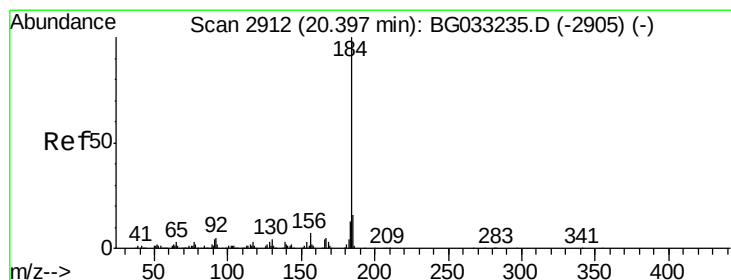
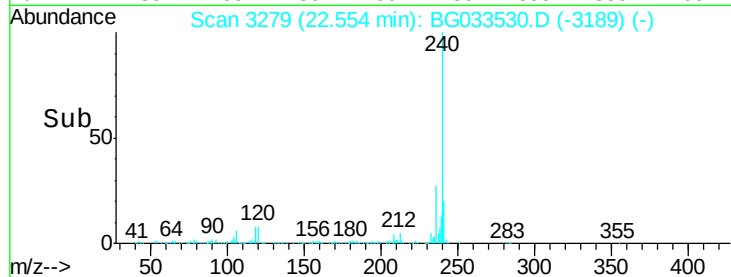
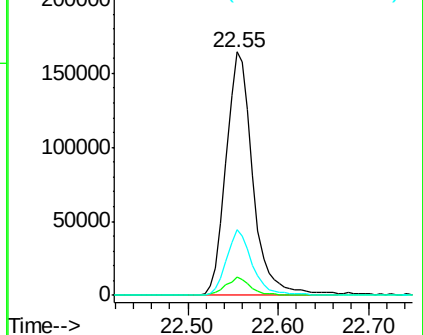
236 26.7 20.9 31.3



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



#76

Benzidine

Concen: 3.262 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033530.D

Acq: 3 Apr 2018 17:50

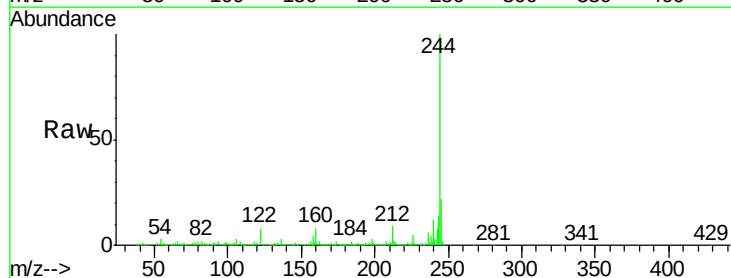
Tgt Ion:184 Resp: 29943

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

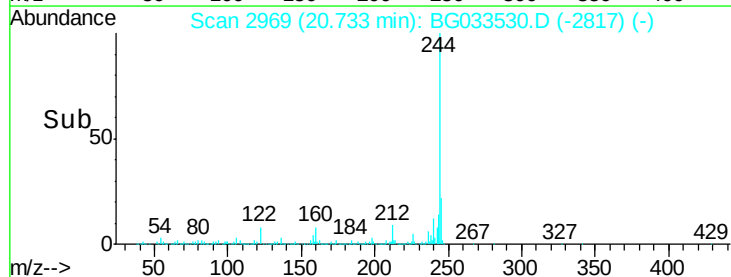
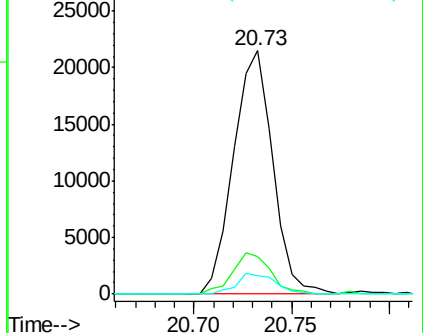
183 7.6 10.6 16.0#

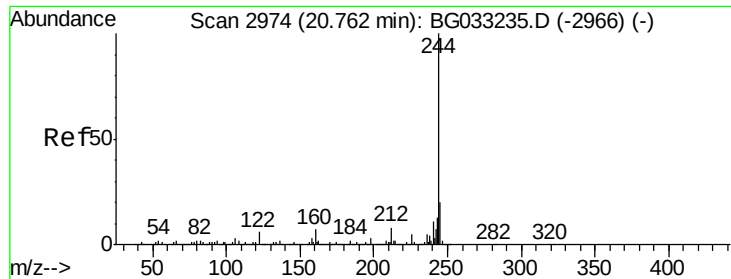


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 108.600 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033530.D

Acq: 3 Apr 2018 17:50

Instrument :

BNA_G

ClientSampleId :

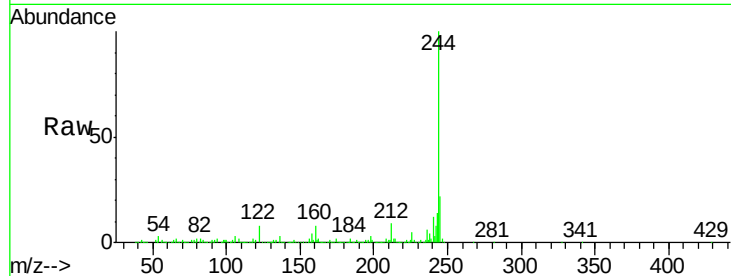
Tot Ion:244 Resp: 1719091

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

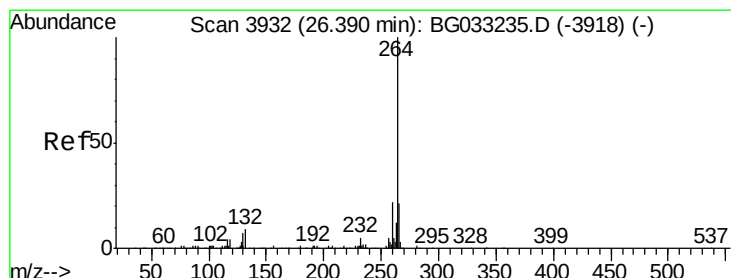
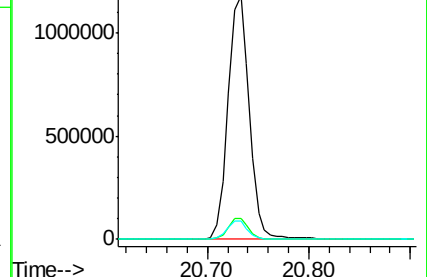
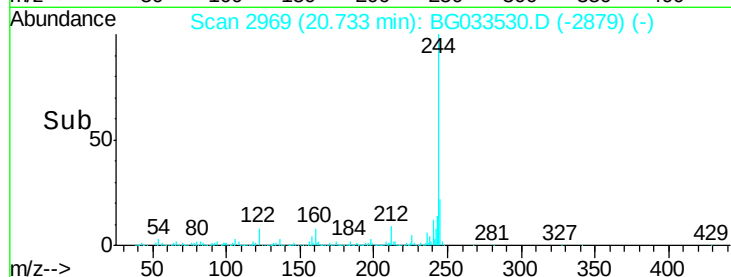
122 7.5 7.0 10.4



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: 26.32 min Scan# 3920

Delta R.T. 0.00 min

Lab File: BG033530.D

Acq: 3 Apr 2018 17:50

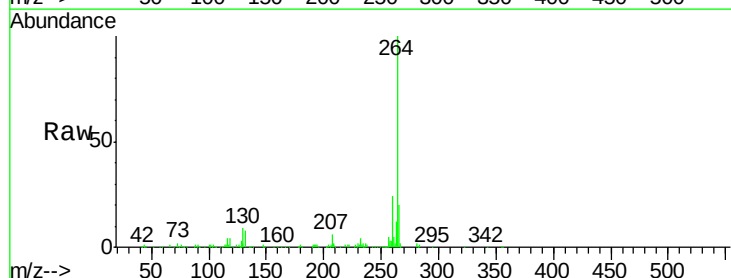
Tgt Ion:264 Resp: 340370

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 20.1 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

