

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033842.D
 Acq On : 17 Apr 2018 8:33
 Operator : SJ/JU
 Sample : J2392-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 09:06:23 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

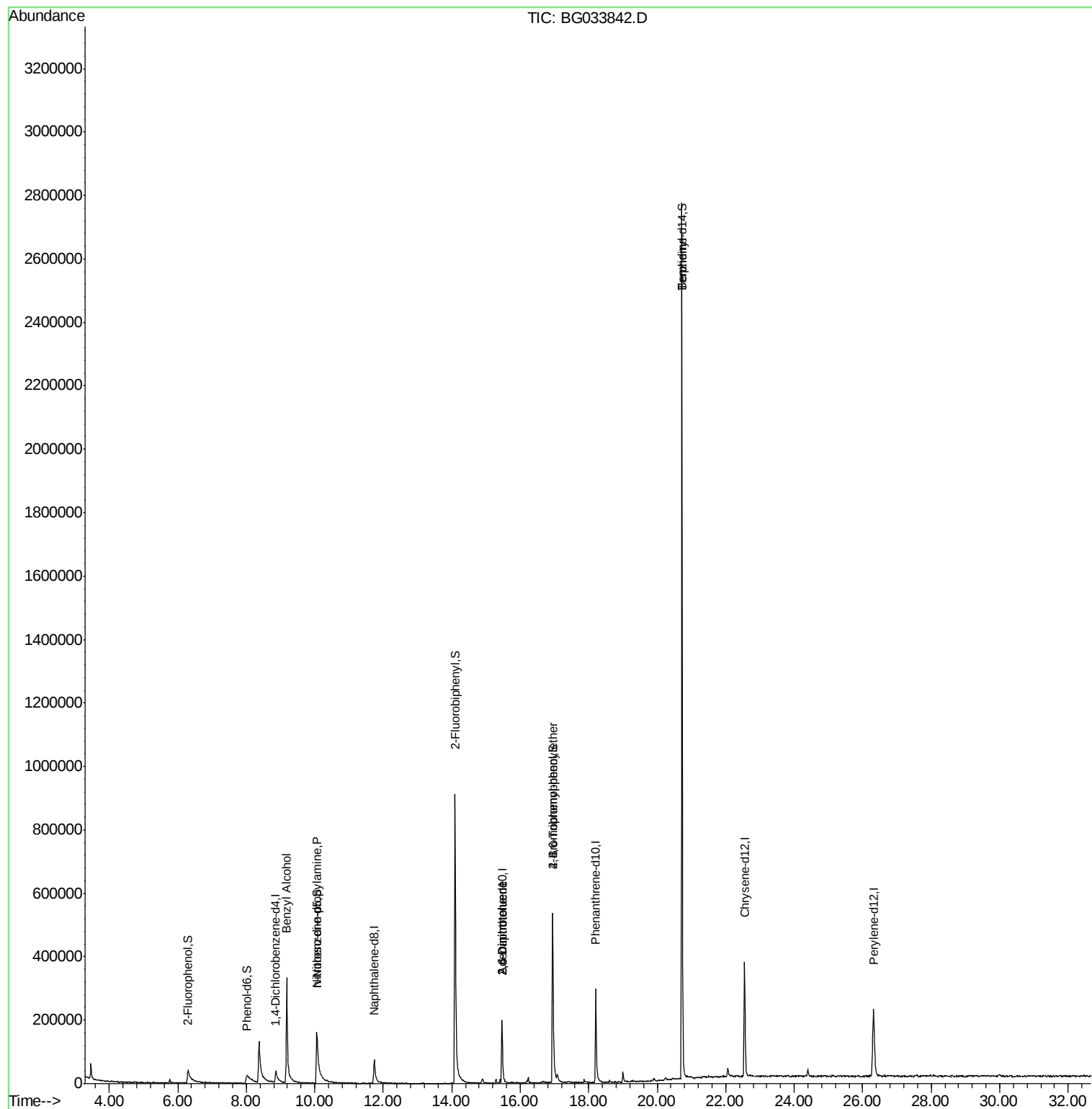
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	21795	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	113787	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	94771	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	272387	20.00	ng	0.00
75) Chrysene-d12	22.55	240	292233	20.00	ng	0.00
86) Perylene-d12	26.31	264	316079	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	41906	36.05	ng	0.00
7) Phenol-d6	8.02	99	25911	12.97	ng	0.04
23) Nitrobenzene-d5	10.06	82	228183	92.13	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	146072	103.06	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	722255	110.02	ng	0.00
78) Terphenyl-d14	20.72	244	1494082	109.34	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	4372	2.780	ng	# 51
19) n-Nitroso-di-n-propylamine	10.06	70	27714	18.938	ng	# 76
50) 2,6-Dinitrotoluene	15.46	165	12542	7.437	ng	# 18
56) 2,4-Dinitrotoluene	15.46	165	12982	5.228	ng	# 16
66) 4-Bromophenyl-phenylether	16.94	248	11642	3.639	ng	# 1
76) Benzidine	20.72	184	24480	3.089	ng	# 92

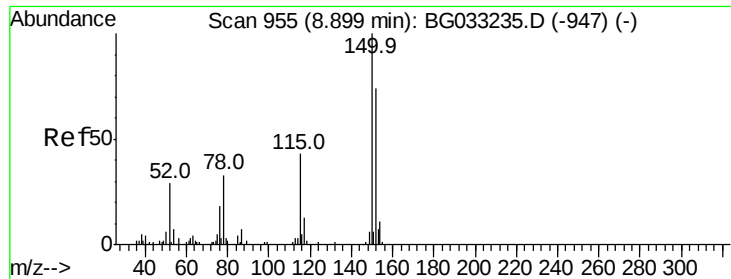
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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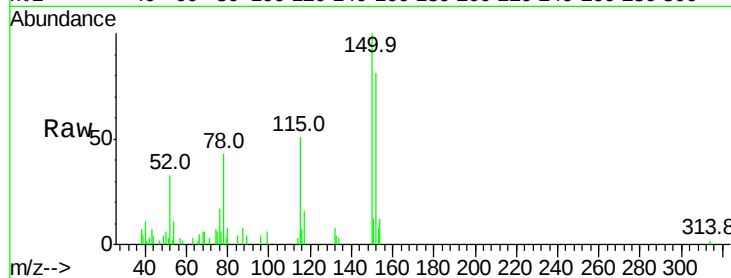


#1

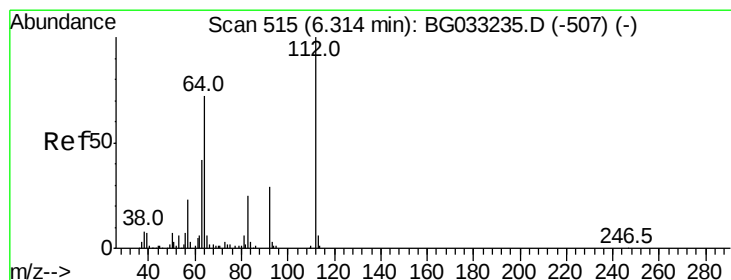
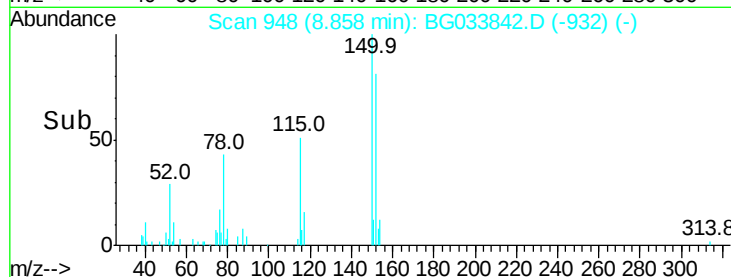
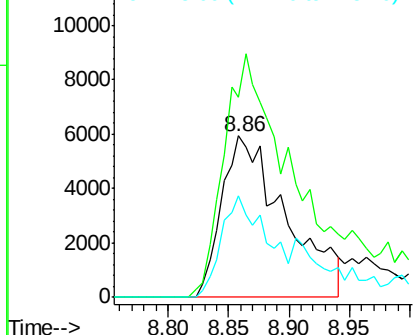
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BG033842.D
 Acq: 17 Apr 2018 8:33

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	124.2	126.6	189.8#
115	63.0	53.0	79.4



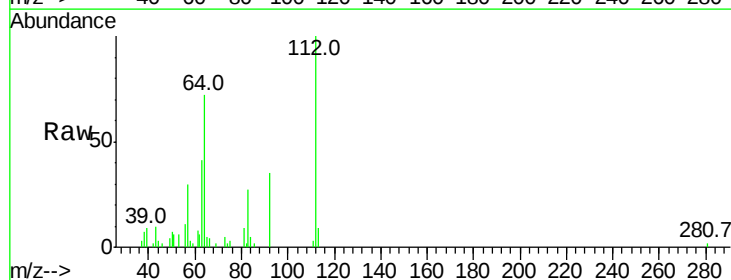
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



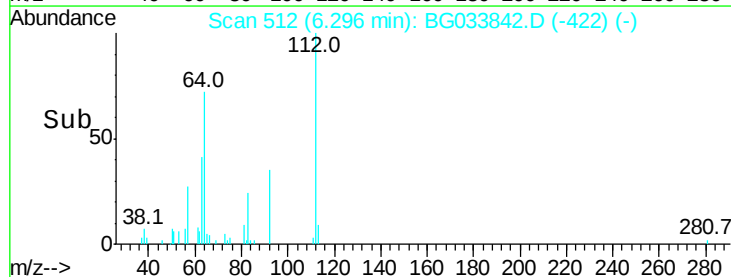
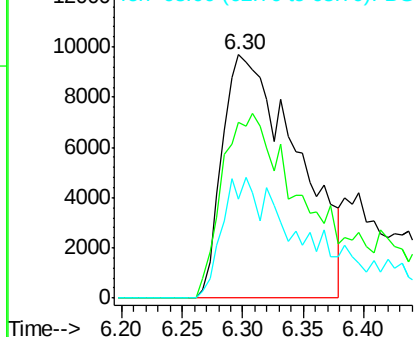
#5

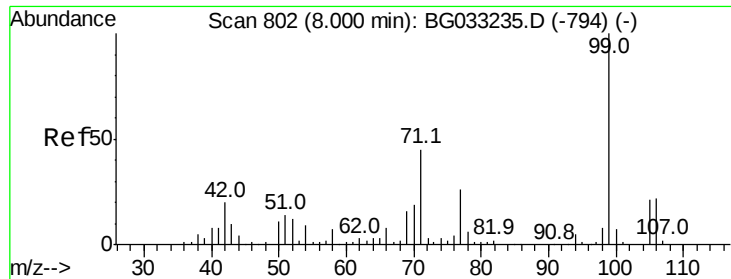
2-Fluorophenol
 Concen: 36.054 ng
 RT: 6.30 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BG033842.D
 Acq: 17 Apr 2018 8:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.3	56.3	84.5
63	40.5	30.1	45.1



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





#7

Phenol-d6

Concen: 12.974 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.04 min

Lab File: BG033842.D

Acq: 17 Apr 2018 8:33

Instrument :

BNA_G

ClientSampleId :

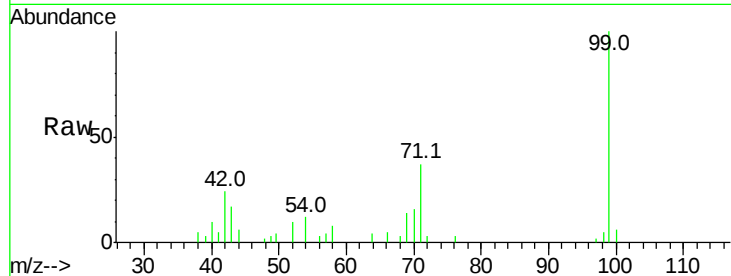
Tot Ion: 99 Resp: 25911

Ion Ratio Lower Upper

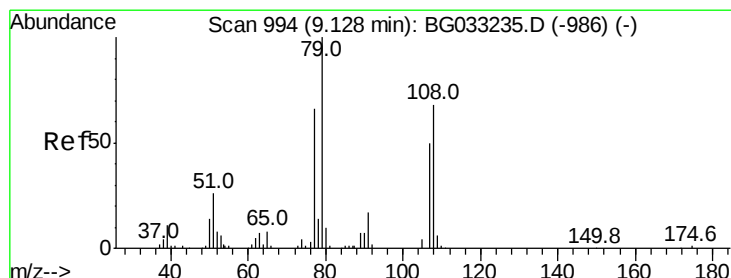
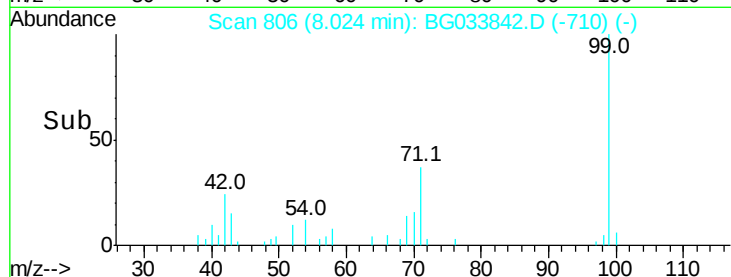
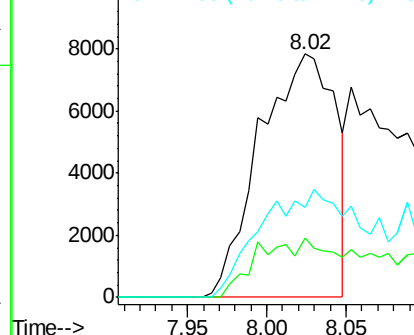
99 100

42 24.3 14.1 21.1#

71 37.2 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: 2.780 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.07 min

Lab File: BG033842.D

Acq: 17 Apr 2018 8:33

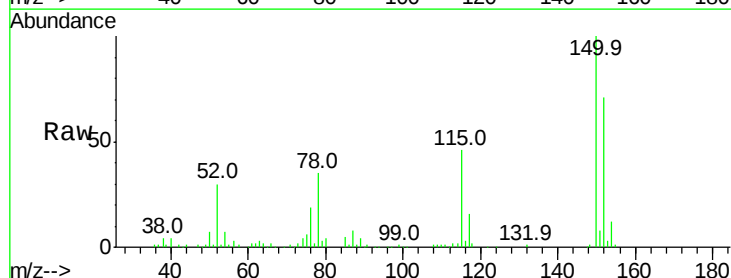
Tgt Ion: 79 Resp: 4372

Ion Ratio Lower Upper

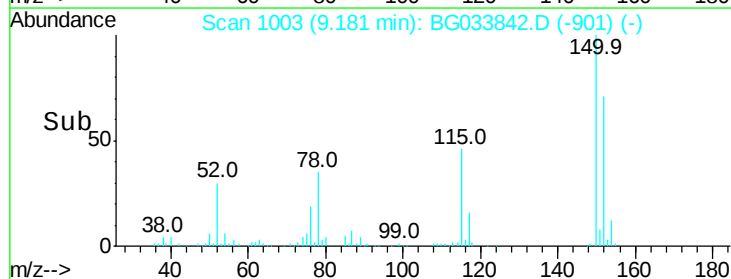
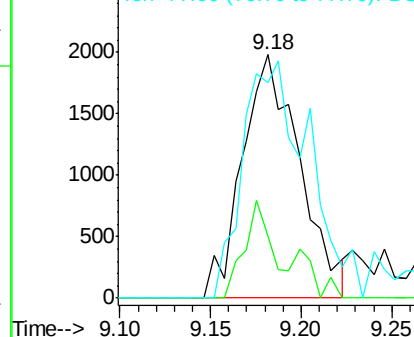
79 100

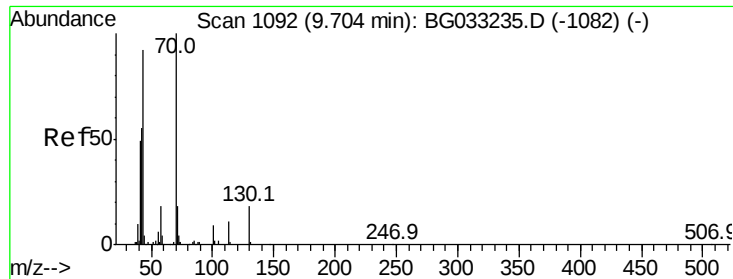
108 25.5 57.2 85.8#

77 88.6 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

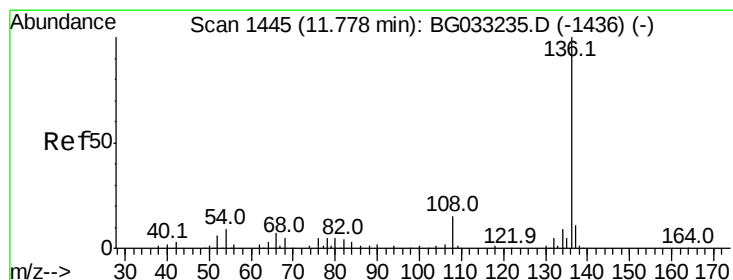
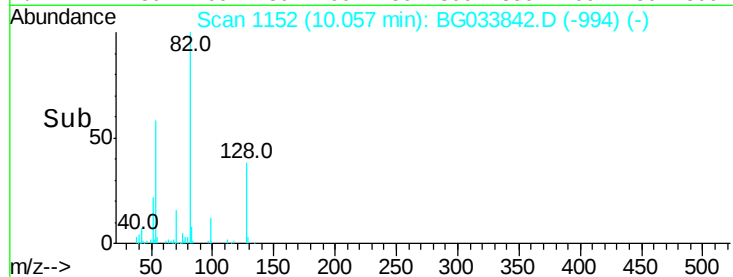
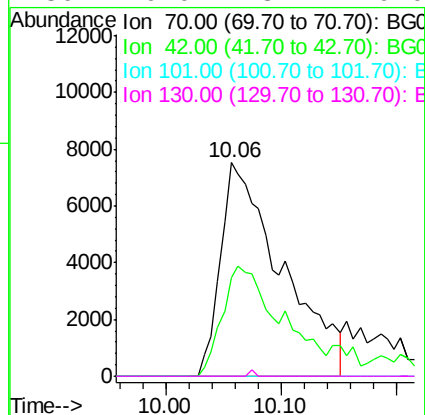
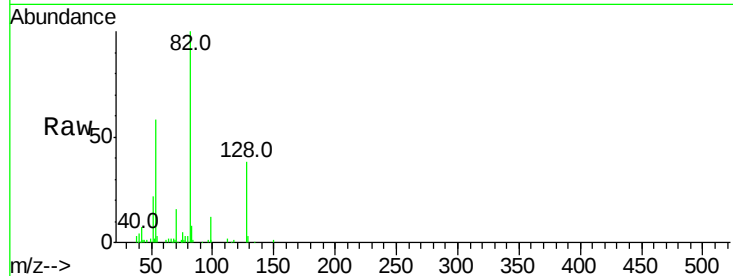




#19
n-Nitroso-di-n-propylamine
Concen: 18.938 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033842.D
Acq: 17 Apr 2018 8:33

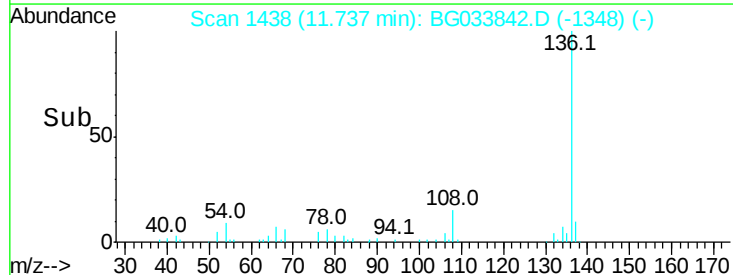
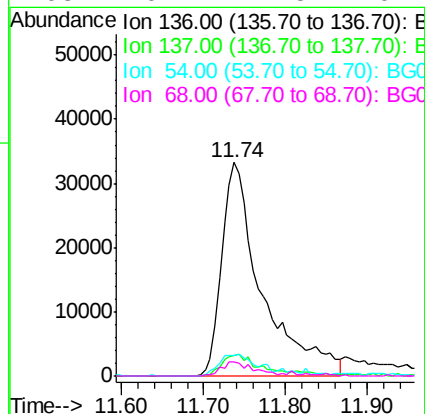
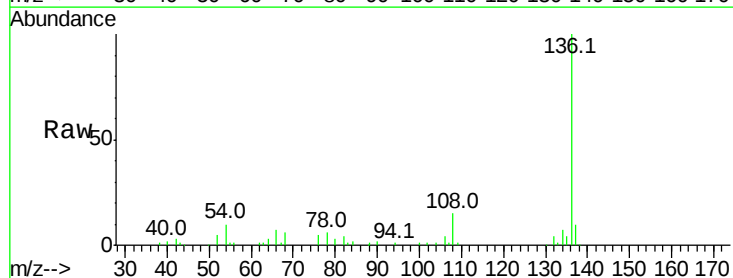
Instrument :
BNA_G
ClientSampled :

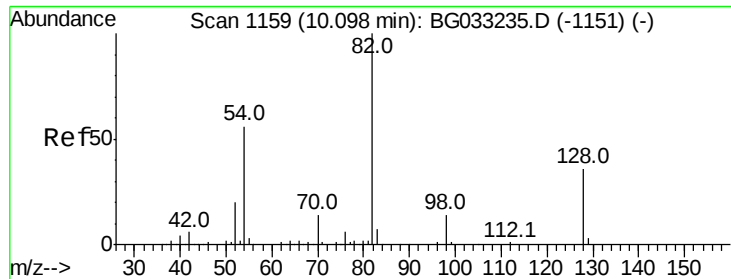
Tot Ion:	70	Resp:	27714
Ion	Ratio	Lower	Upper
70	100		
42	46.3	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033842.D
Acq: 17 Apr 2018 8:33

Tgt Ion:	136	Resp:	113787
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.2	13.8
54	9.8	10.3	15.5#
68	6.4	4.5	6.7

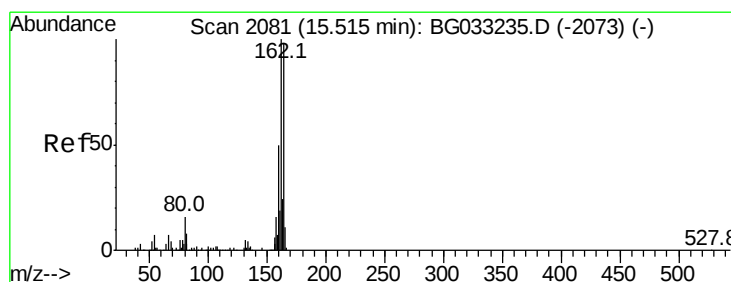
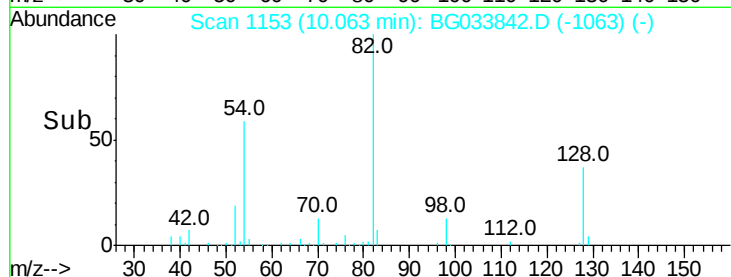
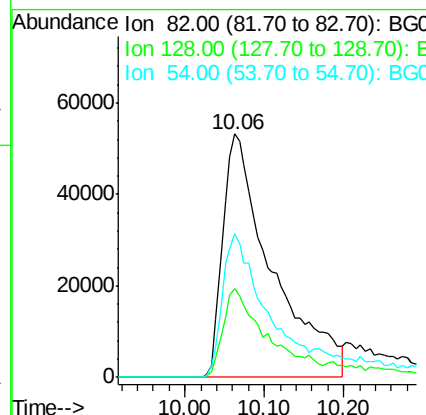
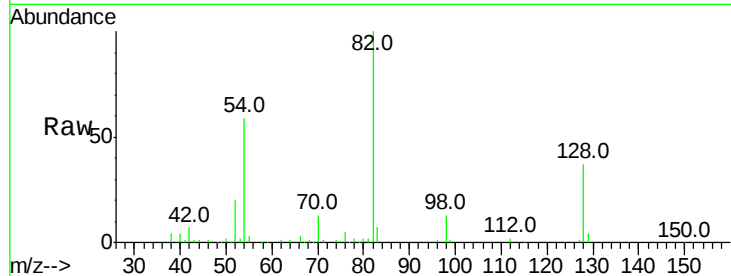




#23
 Nitrobenzene-d5
 Concen: 92.134 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033842.D
 Acq: 17 Apr 2018 8:33

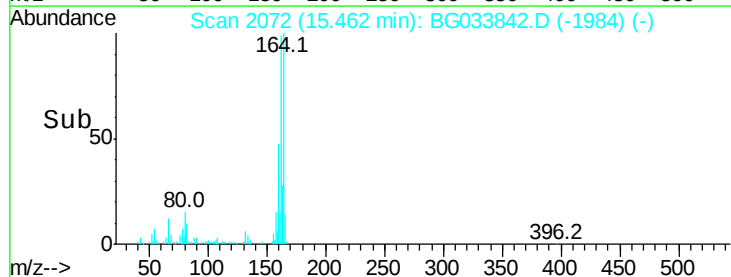
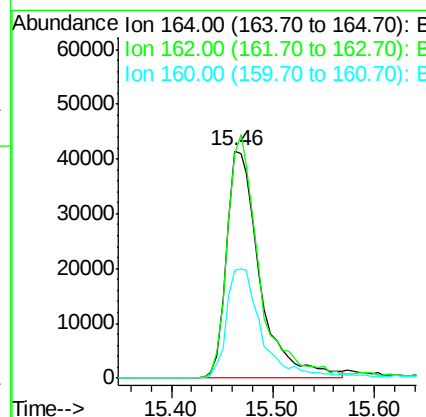
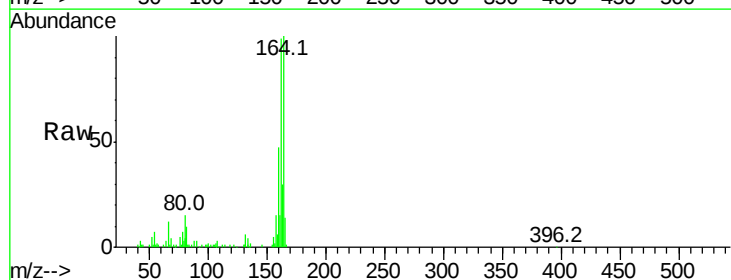
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	228183
Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.7	44.5
54	58.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: BG033842.D
 Acq: 17 Apr 2018 8:33

Tgt Ion	164	Resp	94771
Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.8	118.2
160	47.5	35.4	53.0

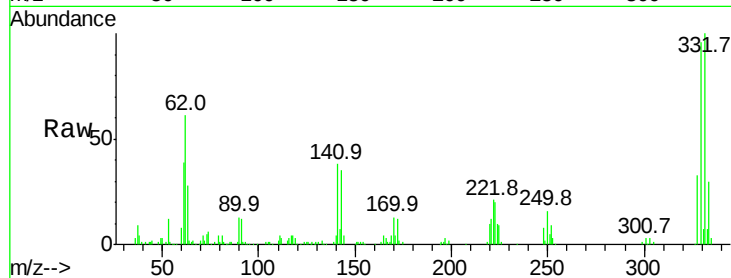




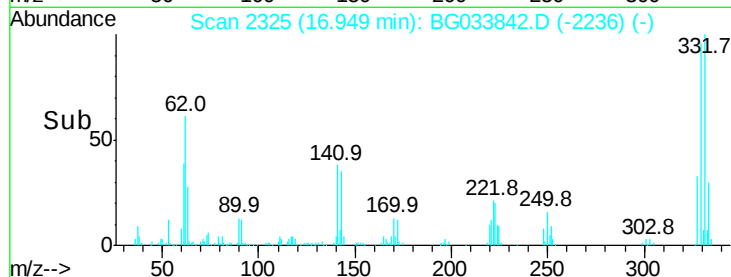
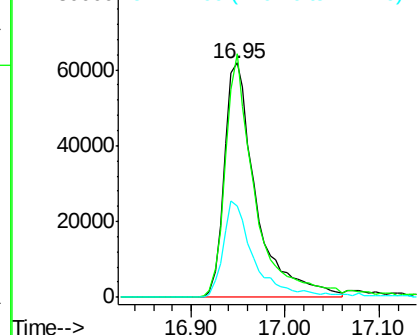
#41
 2,4,6-Tribromophenol
 Concen: 103.056 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033842.D
 Acq: 17 Apr 2018 8:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 146072
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 40.4 25.2 37.8#

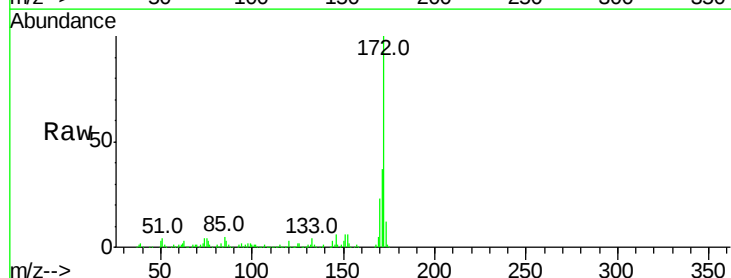


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

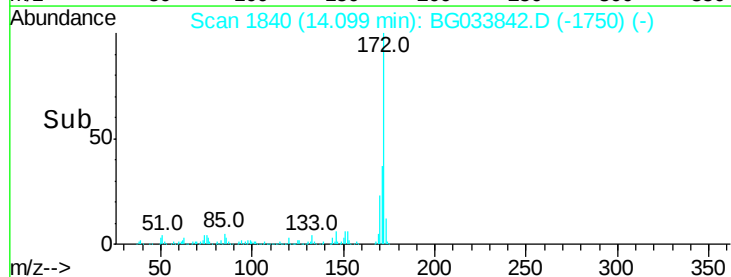
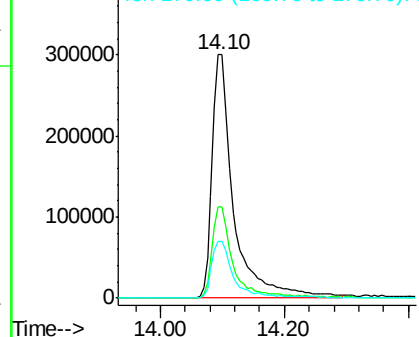


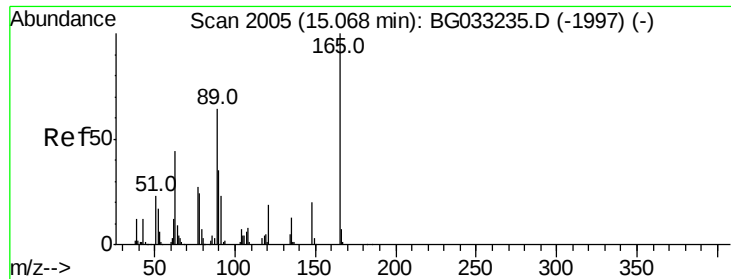
#44
 2-Fluorobiphenyl
 Concen: 110.020 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BG033842.D
 Acq: 17 Apr 2018 8:33

Tgt Ion:172 Resp: 722255
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 23.2 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

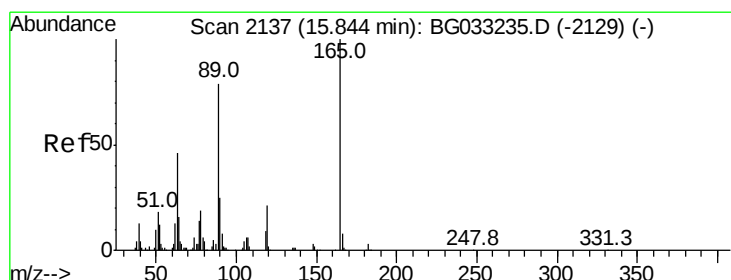
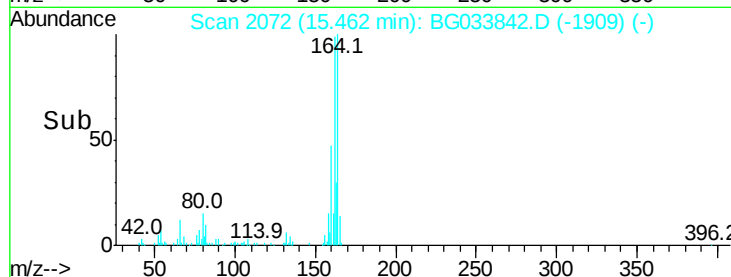
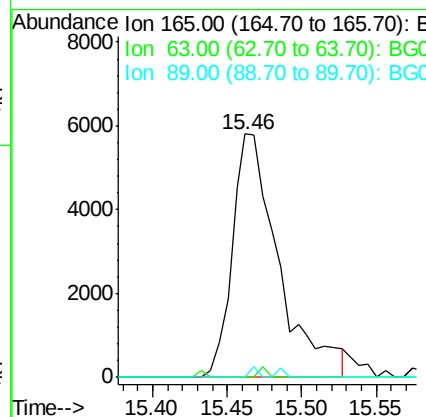
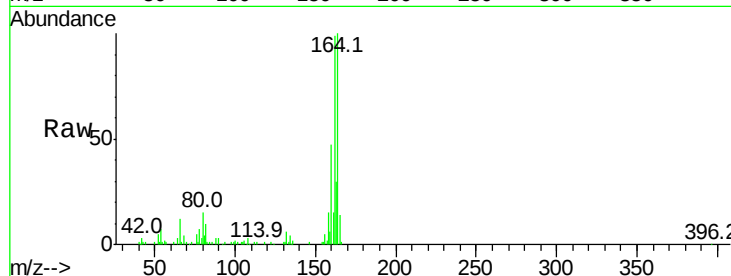




#50
2,6-Dinitrotoluene
Concen: 7.437 ng
RT: 15.46 min Scan# 2072
Delta R.T. 0.43 min
Lab File: BG033842.D
Acq: 17 Apr 2018 8:33

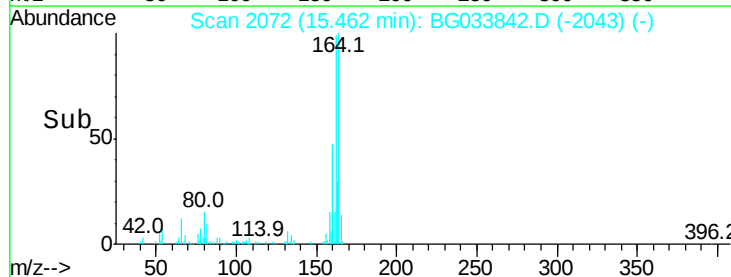
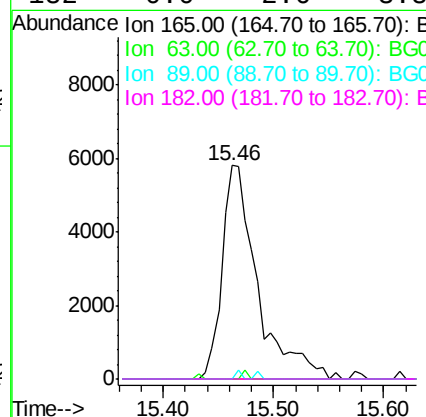
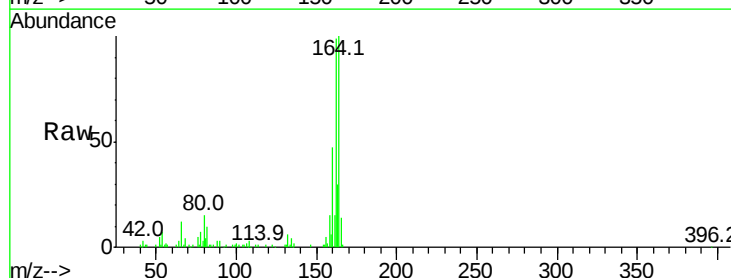
Instrument :
BNA_G
ClientSampleId :

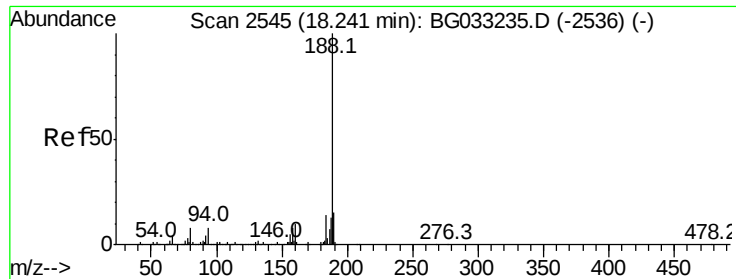
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



#56
2,4-Dinitrotoluene
Concen: 5.228 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.36 min
Lab File: BG033842.D
Acq: 17 Apr 2018 8:33

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

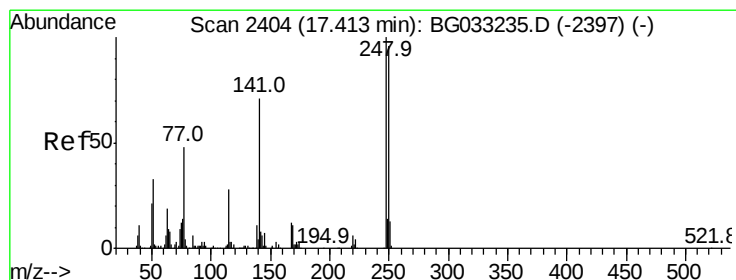
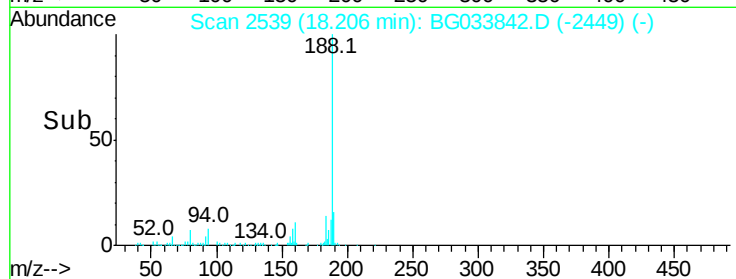
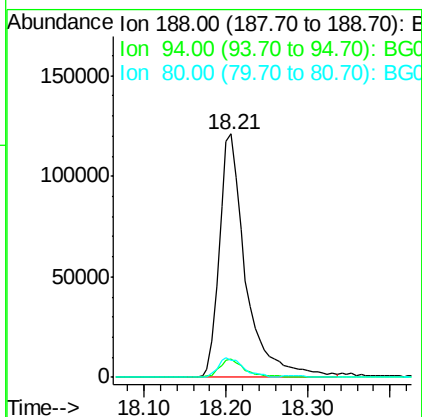
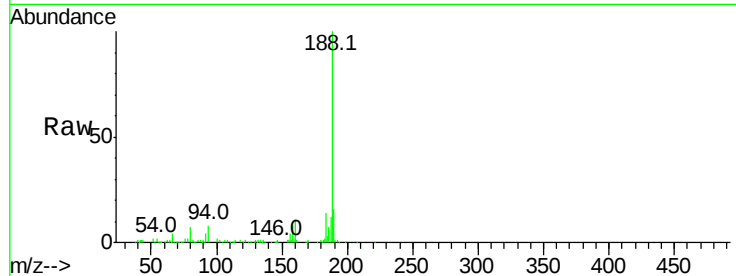




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. 0.00 min
 Lab File: BG033842.D
 Acq: 17 Apr 2018 8:33

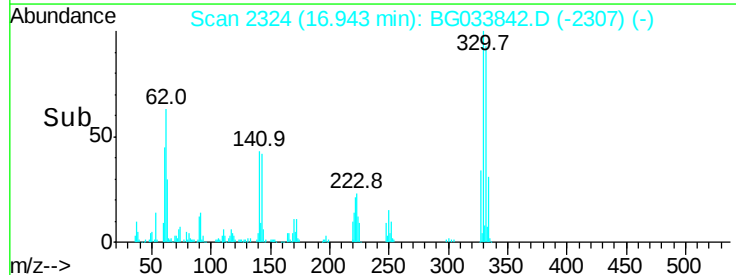
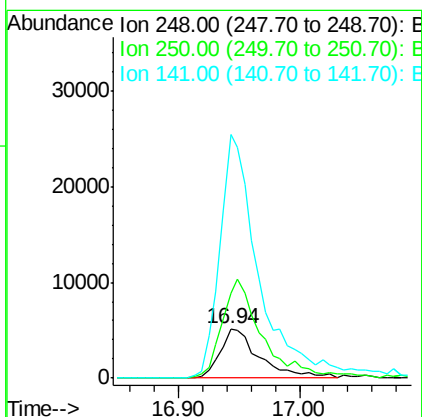
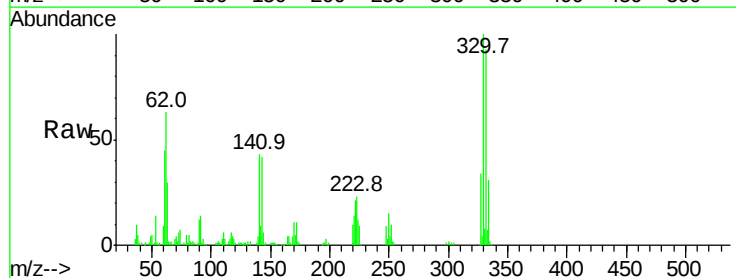
Instrument :
 BNA_G
 ClientSampleId :

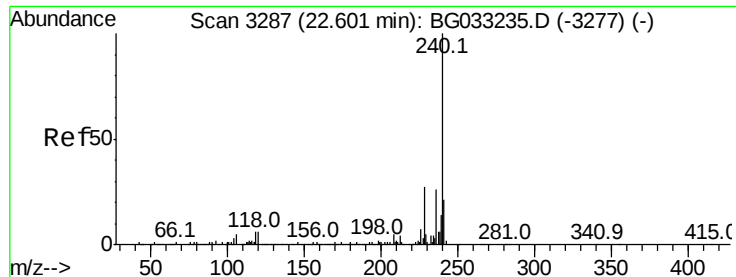
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	7.1	7.7	11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 3.639 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. -0.43 min
 Lab File: BG033842.D
 Acq: 17 Apr 2018 8:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	222.0	77.1	115.7#
141	490.6	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033842.D

Acq: 17 Apr 2018 8:33

Instrument :

BNA_G

ClientSampleId :

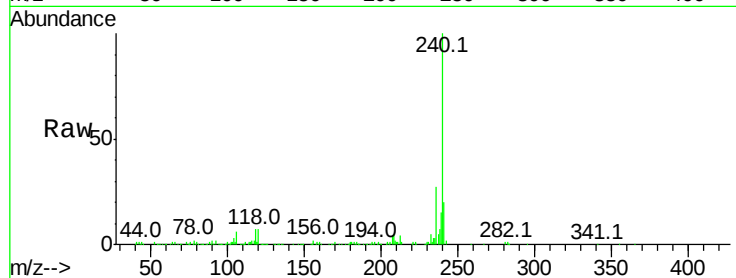
Tot Ion:240 Resp: 292233

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

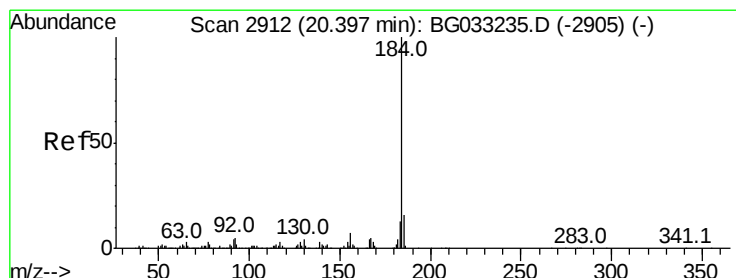
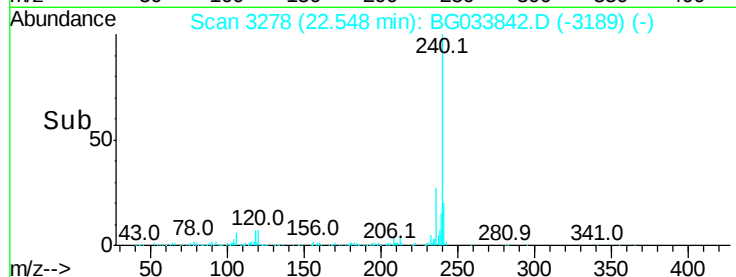
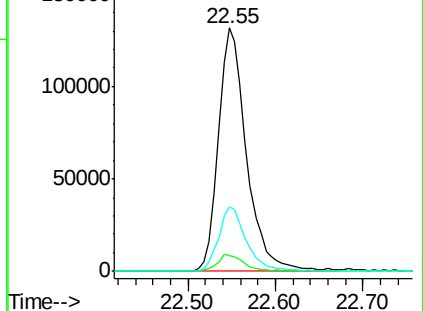
236 26.7 20.9 31.3



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: 3.089 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.35 min

Lab File: BG033842.D

Acq: 17 Apr 2018 8:33

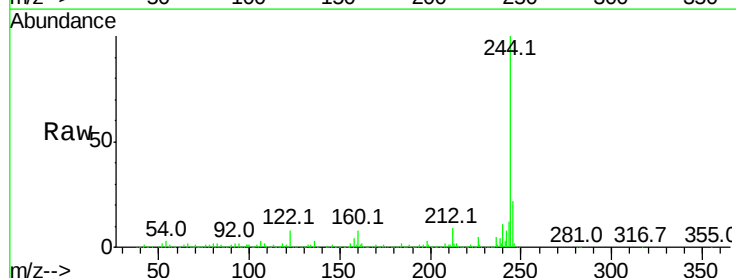
Tgt Ion:184 Resp: 24480

Ion Ratio Lower Upper

184 100

185 17.0 11.1 16.7#

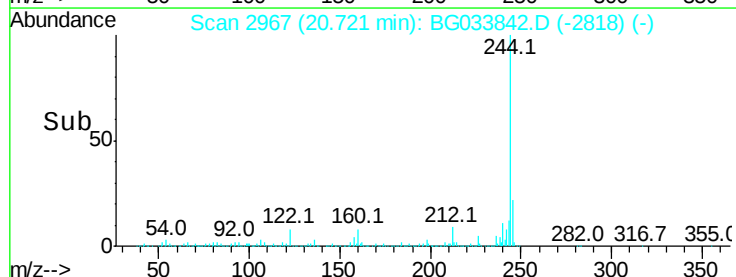
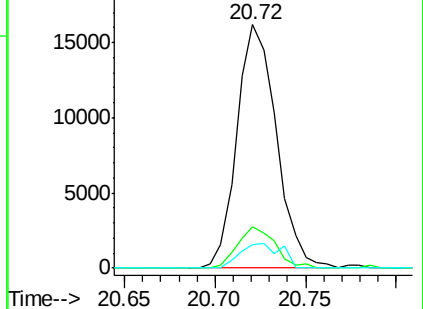
183 9.8 10.6 16.0#

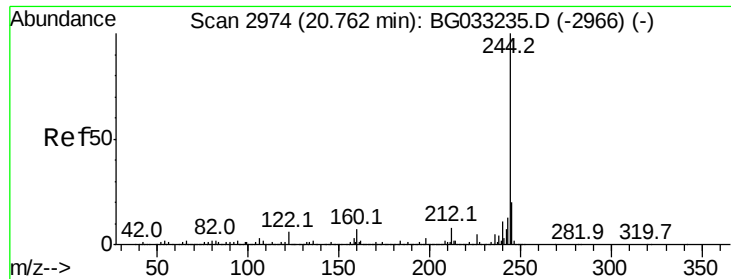


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

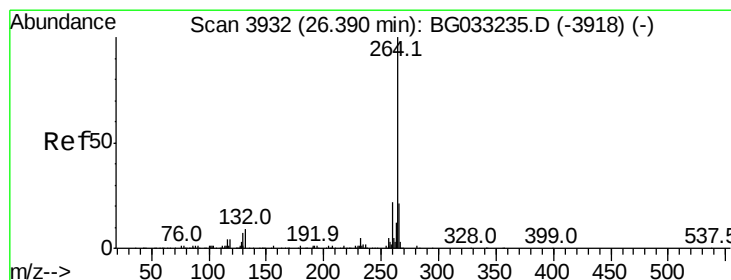
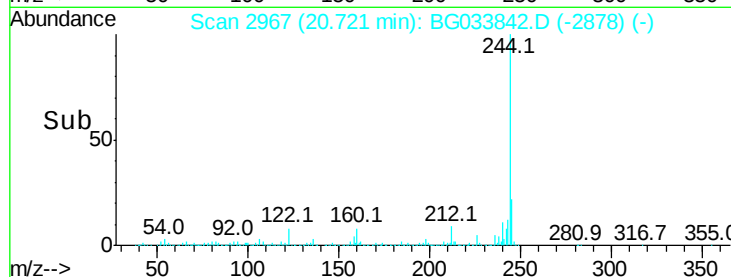
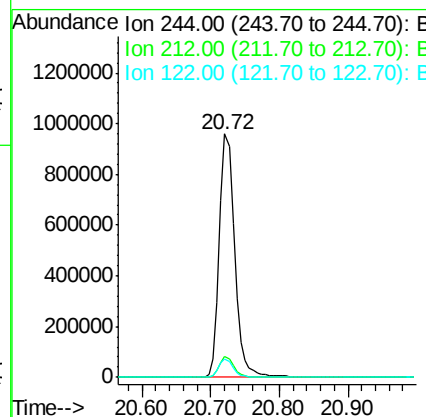
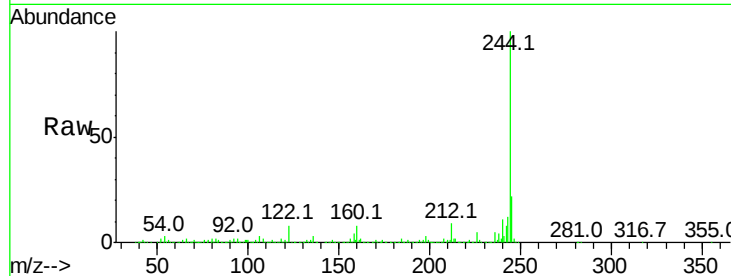




#78
 Terphenyl-d14
 Concen: 109.339 ng
 RT: 20.72 min Scan# 2967
 Delta R.T. -0.01 min
 Lab File: BG033842.D
 Acq: 17 Apr 2018 8:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1494082
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.8
 122 7.5 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BG033842.D
 Acq: 17 Apr 2018 8:33

Tgt Ion:264 Resp: 316079
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.4 26.0
 265 21.3 17.7 26.5

