

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033840.D
 Acq On : 17 Apr 2018 7:18
 Operator : SJ/JU
 Sample : J2392-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 08:03:32 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

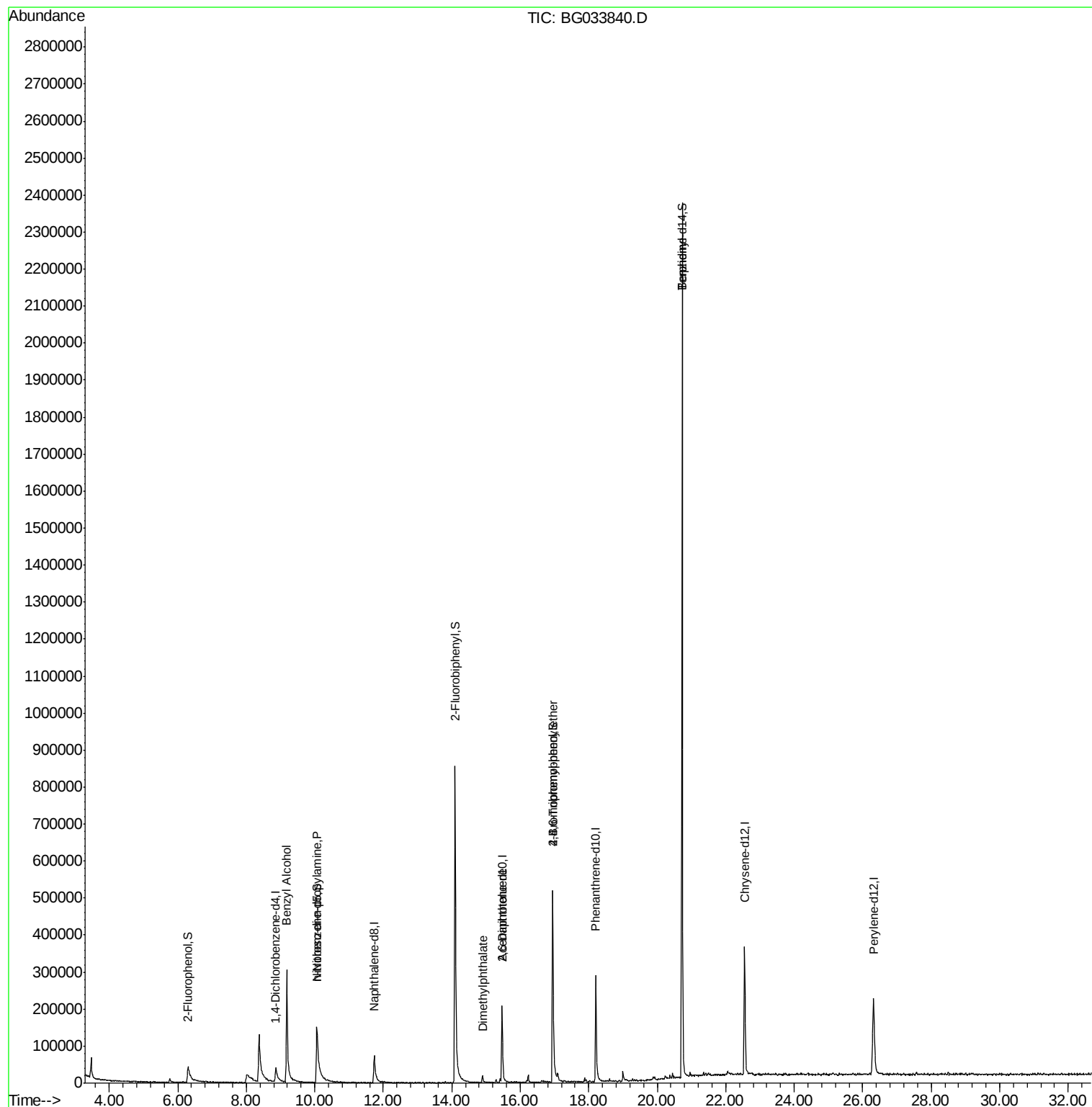
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	22106	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	117969	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	97706	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	270267	20.00	ng	0.00
75) Chrysene-d12	22.55	240	282371	20.00	ng	0.00
86) Perylene-d12	26.31	264	303939	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	32699	27.74	ng	0.00
7) Phenol-d6	8.12	99	2726	1.35	ng	0.13
23) Nitrobenzene-d5	10.06	82	217727	84.80	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	142858	97.76	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	663699	98.06	ng	0.00
78) Terphenyl-d14	20.73	244	1345062	101.87	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	3388	2.124	ng	# 30
19) n-Nitroso-di-n-propylamine	10.06	70	25443	17.142	ng	# 79
49) Dimethylphthalate	14.90	163	20035	2.356	ng	# 94
50) 2,6-Dinitrotoluene	15.47	165	11597	6.670	ng	# 20
66) 4-Bromophenyl-phenylether	16.94	248	10461	3.296	ng	# 1
76) Benzidine	20.73	184	22926	2.994	ng	# 95

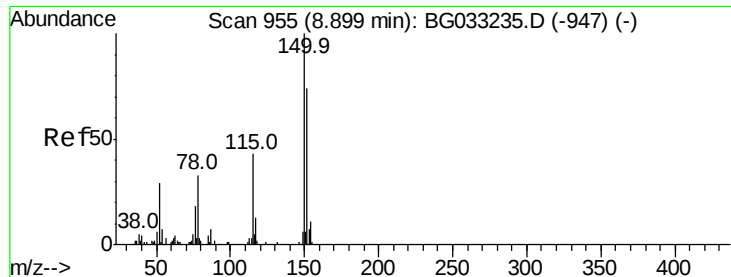
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
Data File : BG033840.D
Acq On : 17 Apr 2018 7:18
Operator : SJ/JU
Sample : J2392-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 17 08:03:32 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



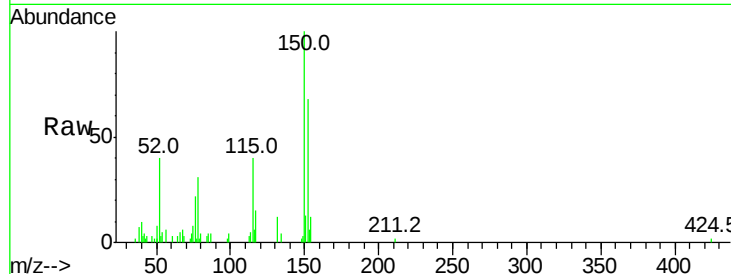


#1

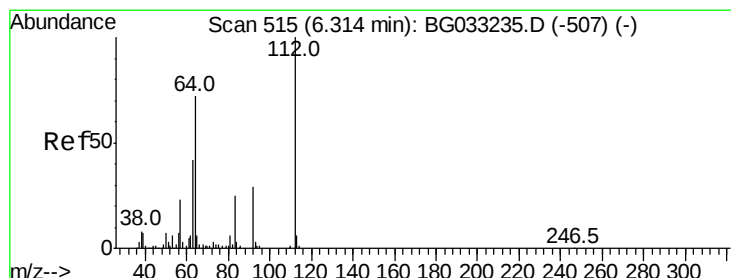
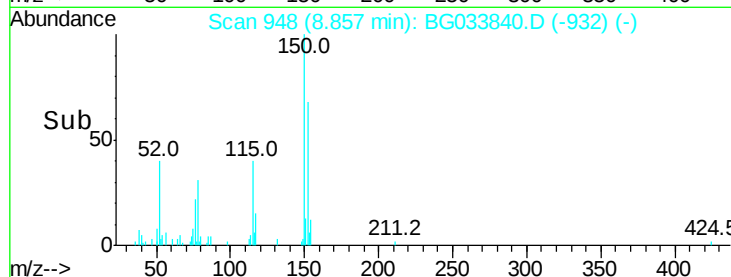
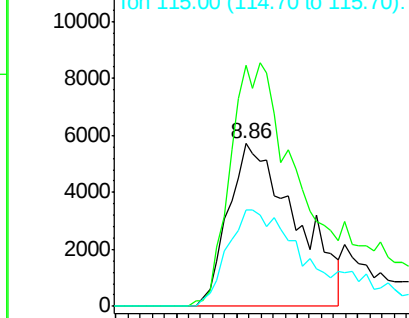
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033840.D
Acq: 17 Apr 2018 7:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 22106
Ion Ratio Lower Upper
152 100
150 147.7 126.6 189.8
115 58.8 53.0 79.4



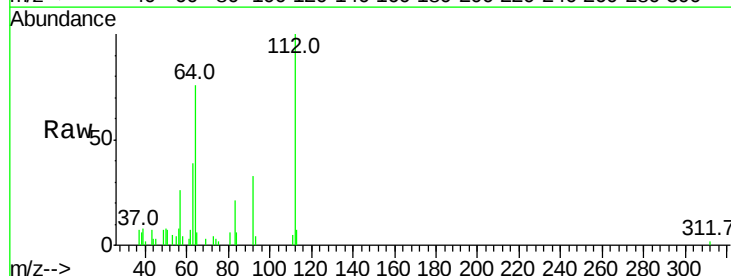
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



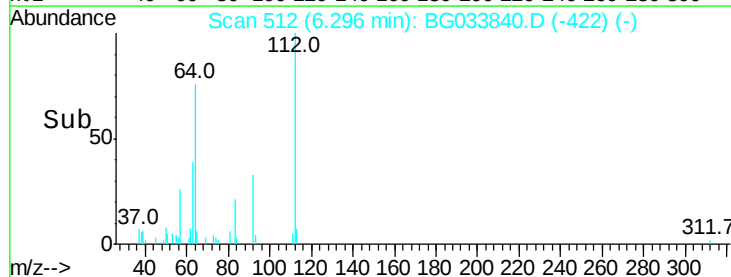
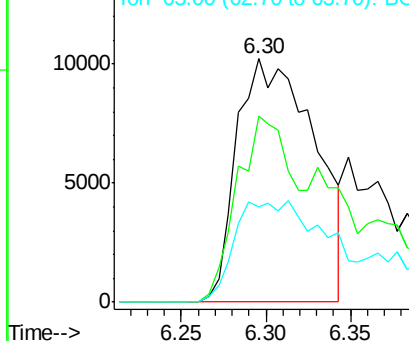
#5

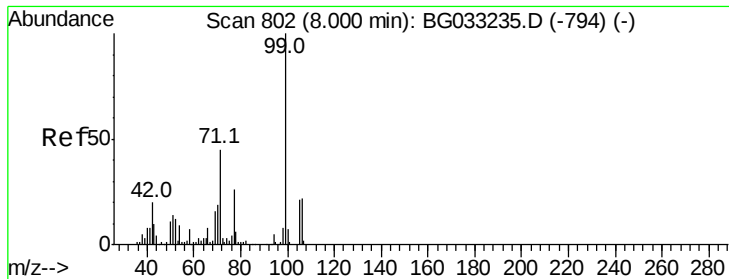
2-Fluorophenol
Concen: 27.737 ng
RT: 6.30 min Scan# 512
Delta R.T. -0.00 min
Lab File: BG033840.D
Acq: 17 Apr 2018 7:18

Tgt Ion:112 Resp: 32699
Ion Ratio Lower Upper
112 100
64 76.2 56.3 84.5
63 39.2 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: 1.346 ng

RT: 8.12 min Scan# 823

Delta R.T. 0.13 min

Lab File: BG033840.D

Acq: 17 Apr 2018 7:18

Instrument :

BNA_G

ClientSampleId :

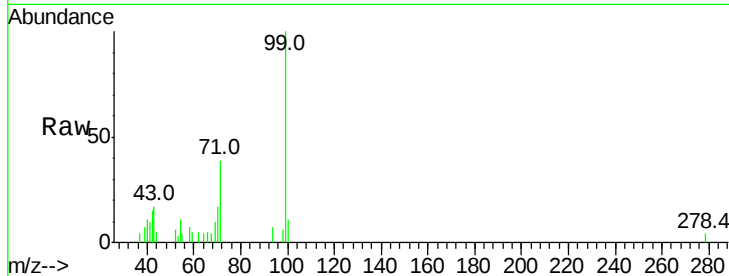
Tot Ion: 99 Resp: 2726

Ion Ratio Lower Upper

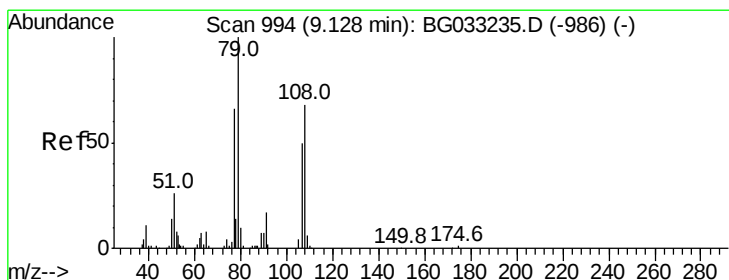
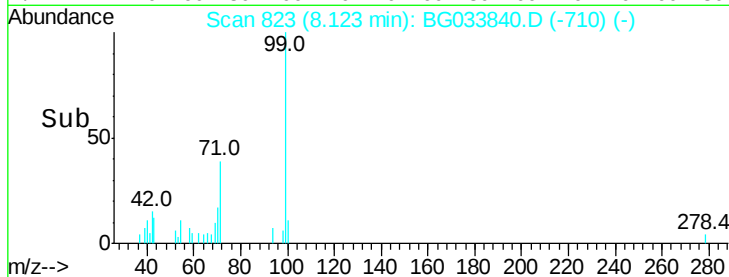
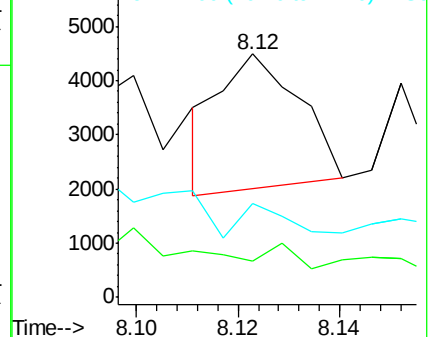
99 100

42 15.0 14.1 21.1

71 38.7 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: 2.124 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.07 min

Lab File: BG033840.D

Acq: 17 Apr 2018 7:18

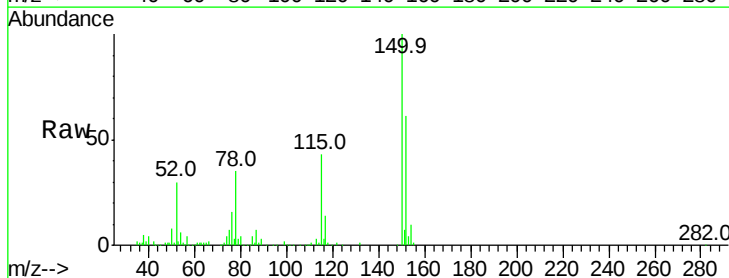
Tgt Ion: 79 Resp: 3388

Ion Ratio Lower Upper

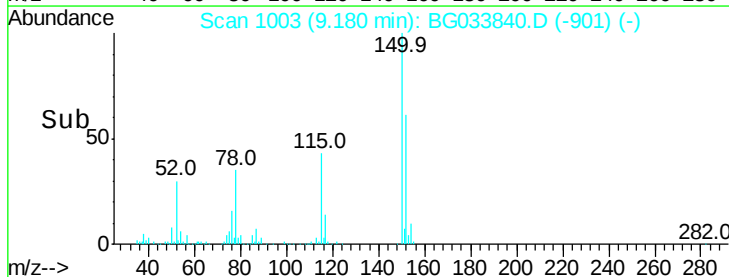
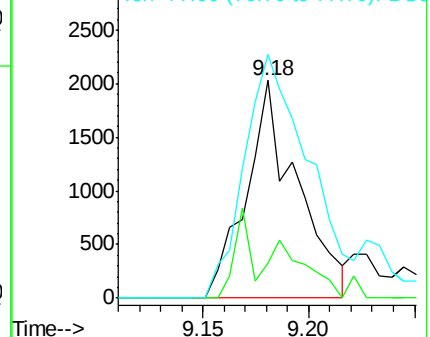
79 100

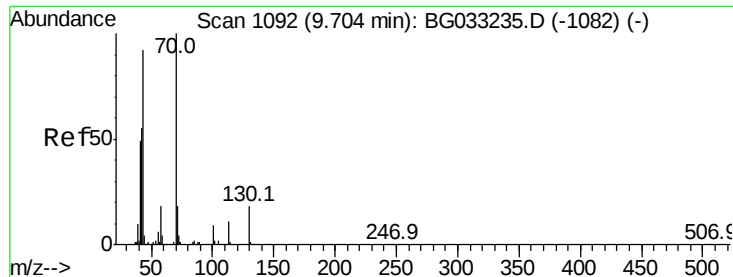
108 15.8 57.2 85.8#

77 111.9 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

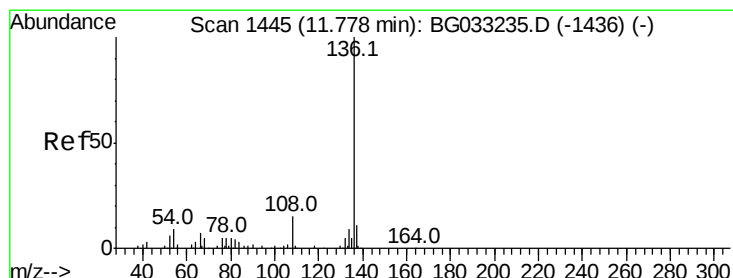
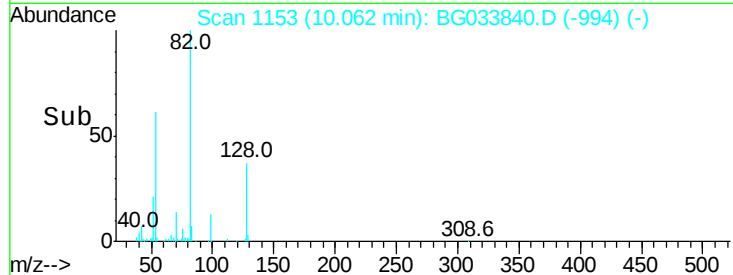
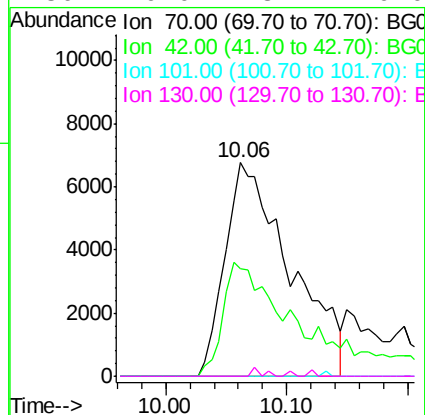
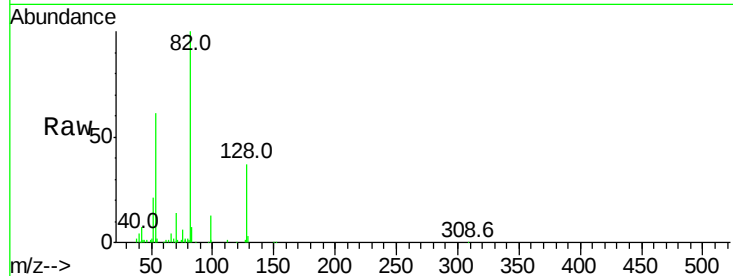




#19
n-Nitroso-di-n-propylamine
Concen: 17.142 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033840.D
Acq: 17 Apr 2018 7:18

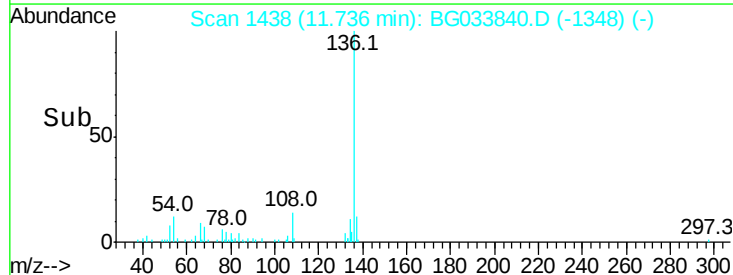
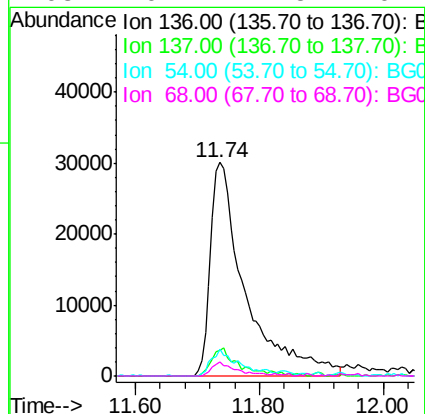
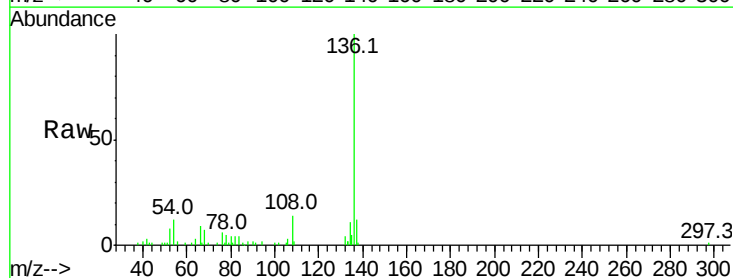
Instrument :
BNA_G
ClientSampled :

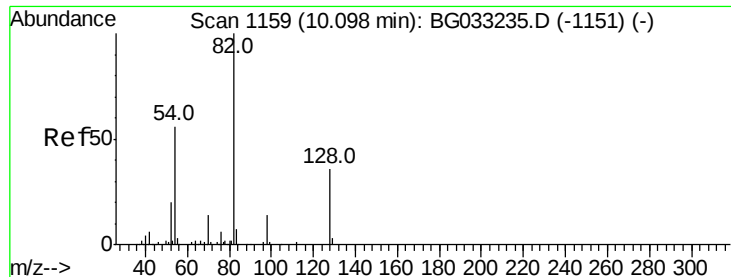
Tot Ion:	70	Resp:	25443
Ion	Ratio	Lower	Upper
70	100		
42	50.2	49.1	73.7
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033840.D
Acq: 17 Apr 2018 7:18

Tgt Ion:	136	Resp:	117969
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	12.4	10.3	15.5
68	6.7	4.5	6.7





#23

Nitrobenzene-d5

Concen: 84.796 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG033840.D

Acq: 17 Apr 2018 7:18

Instrument :

BNA_G

ClientSampleId :

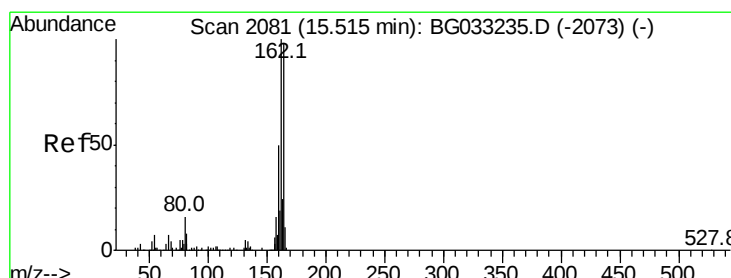
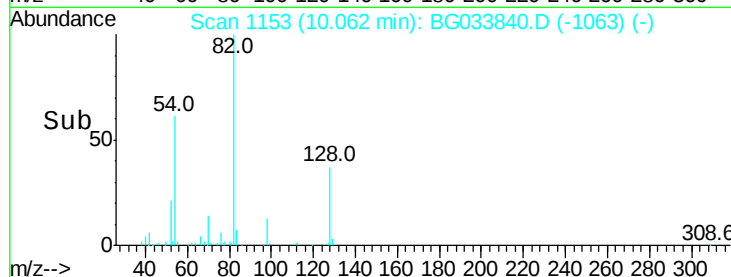
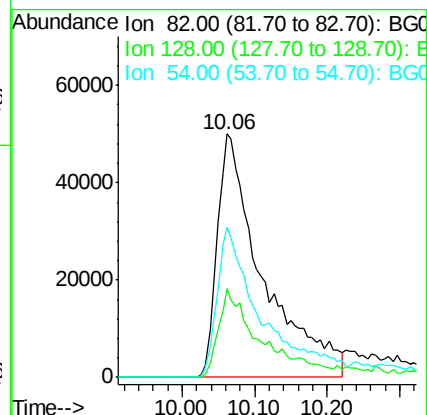
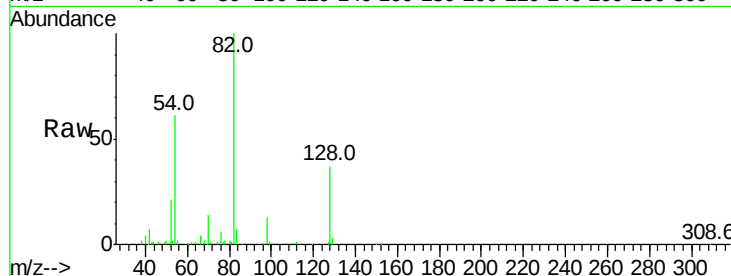
Tot Ion: 82 Resp: 217727

Ion Ratio Lower Upper

82 100

128 36.6 29.7 44.5

54 61.4 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG033840.D

Acq: 17 Apr 2018 7:18

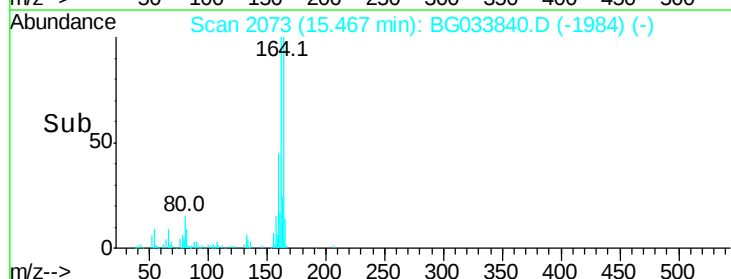
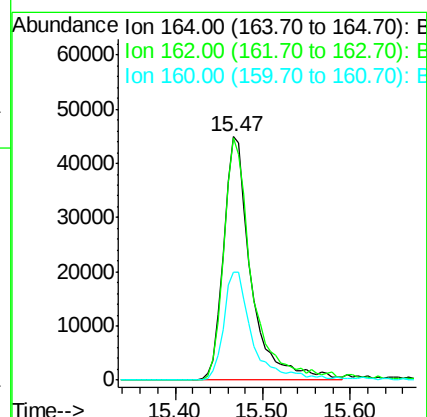
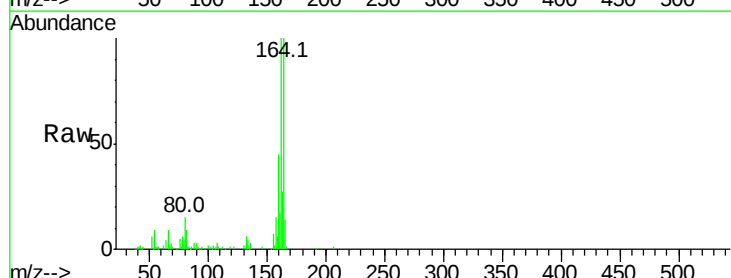
Tgt Ion: 164 Resp: 97706

Ion Ratio Lower Upper

164 100

162 99.6 78.8 118.2

160 44.5 35.4 53.0

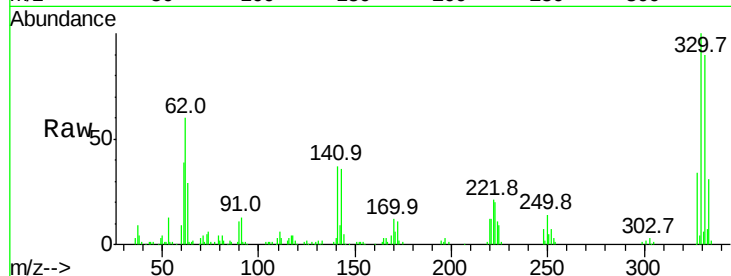




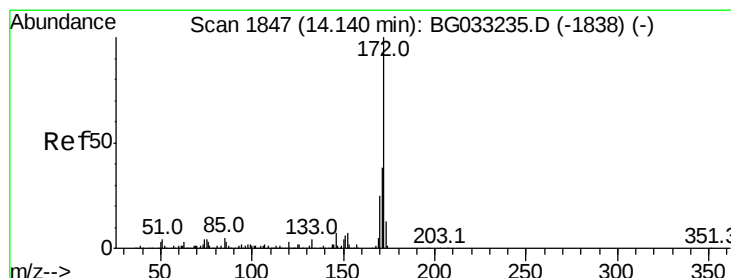
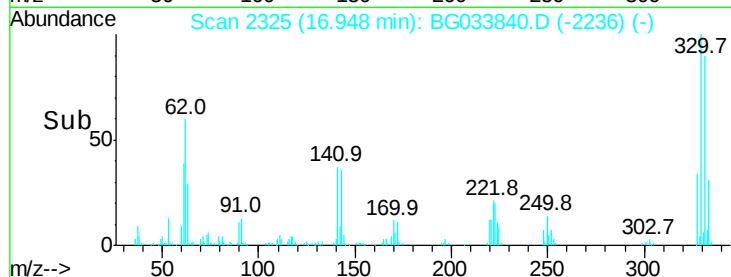
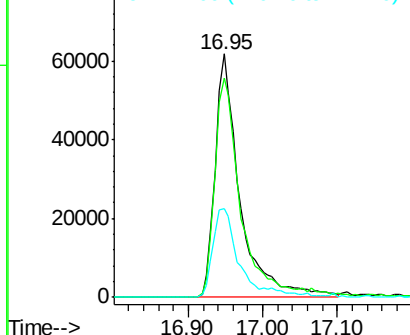
#41
 2,4,6-Tribromophenol
 Concen: 97.760 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033840.D
 Acq: 17 Apr 2018 7:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 142858
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 39.1 25.2 37.8#

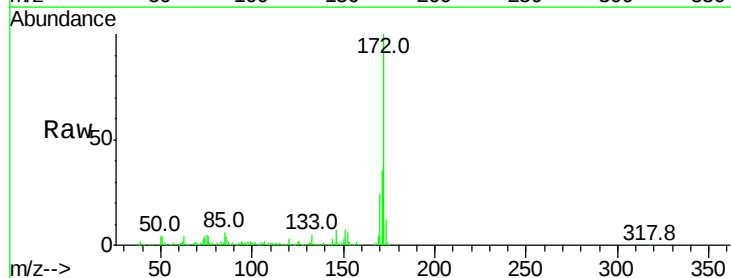


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

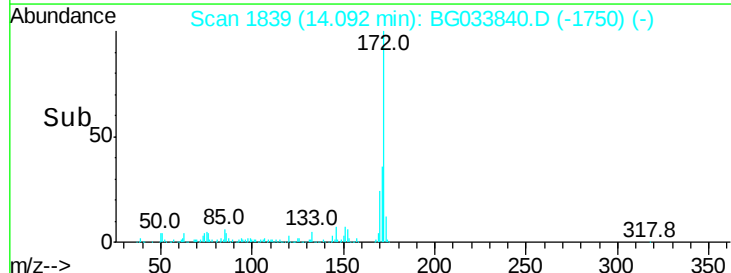
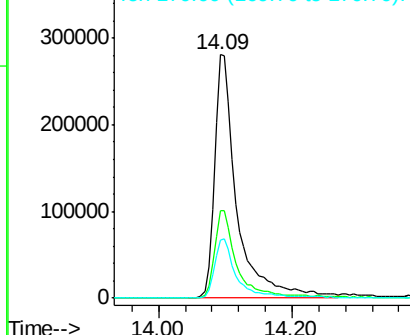


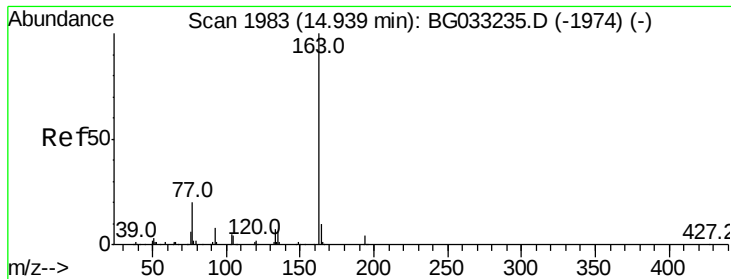
#44
 2-Fluorobiphenyl
 Concen: 98.063 ng
 RT: 14.09 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG033840.D
 Acq: 17 Apr 2018 7:18

Tgt Ion:172 Resp: 663699
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.0 45.0
 170 23.8 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





#49

Dimethylphthalate

Concen: 2.356 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG033840.D

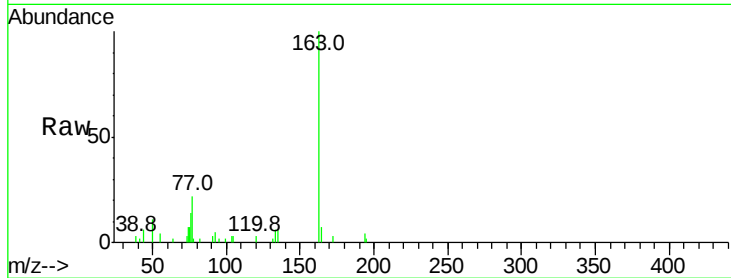
Acq: 17 Apr 2018 7:18

Instrument :

BNA_G

ClientSampleId :

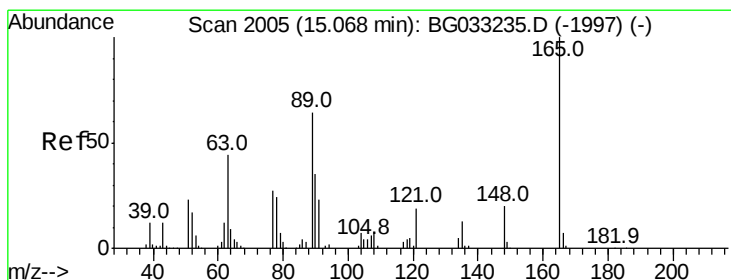
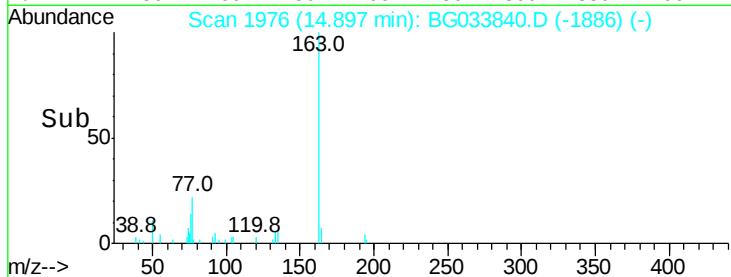
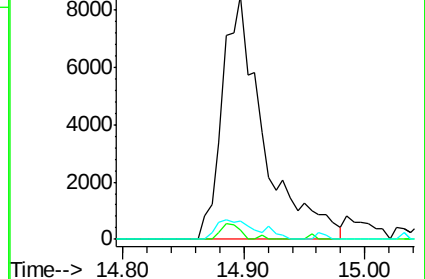
Tot Ion:163	Resp:	20035
Ion Ratio	Lower	Upper
163	100	
194	3.9	3.4 5.2
164	7.4	8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 6.670 ng

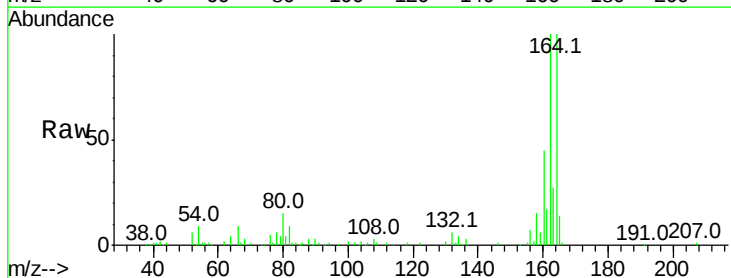
RT: 15.47 min Scan# 2073

Delta R.T. 0.43 min

Lab File: BG033840.D

Acq: 17 Apr 2018 7:18

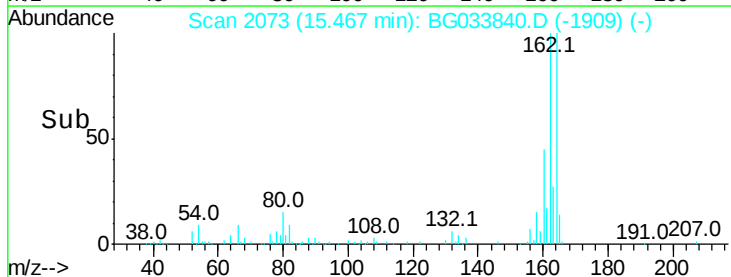
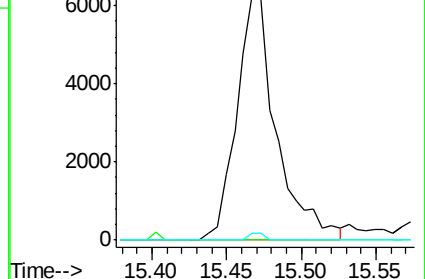
Tgt Ion:165	Resp:	11597
Ion Ratio	Lower	Upper
165	100	
63	0.0	52.7 79.1#
89	2.6	49.2 73.8#

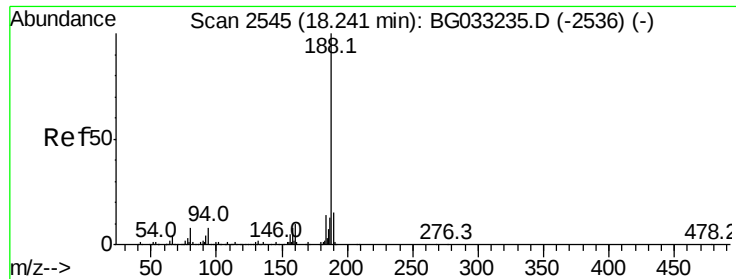


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

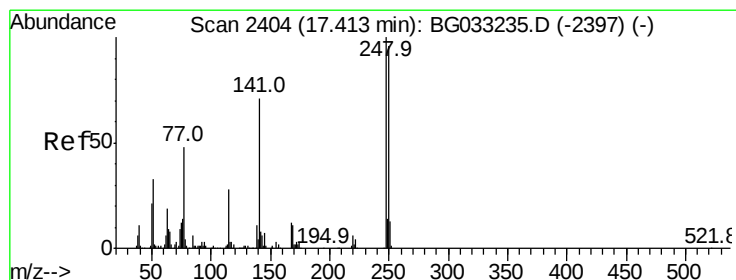
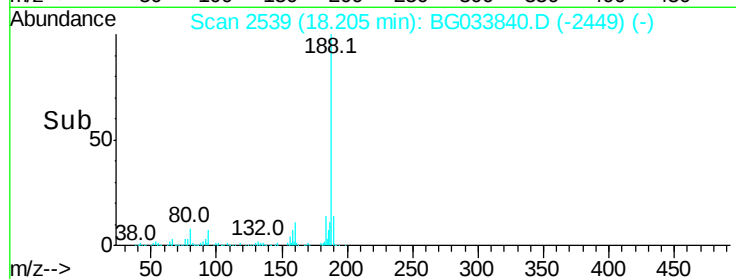
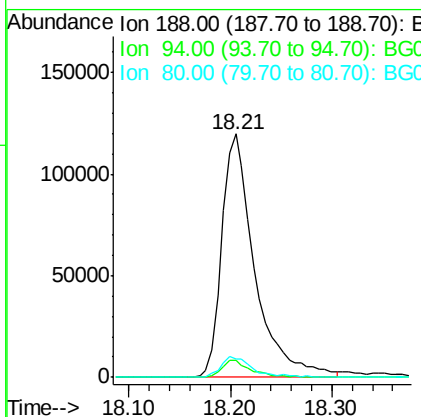
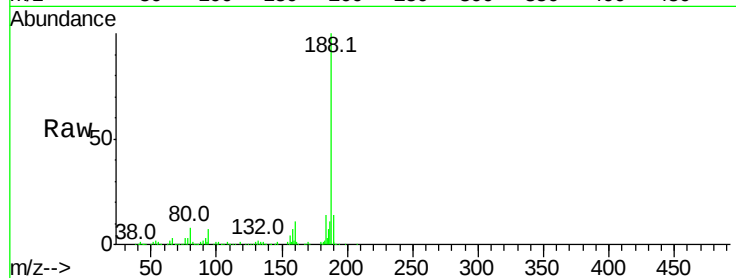




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG033840.D
 Acq: 17 Apr 2018 7:18

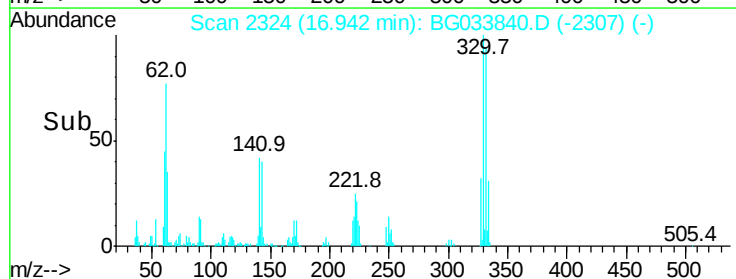
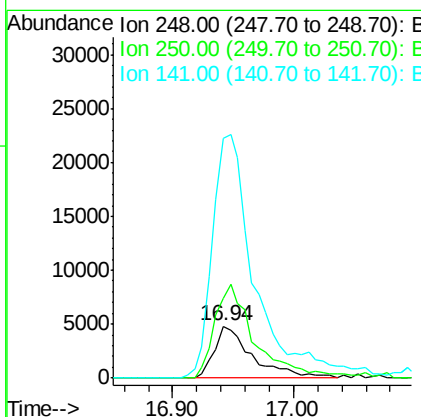
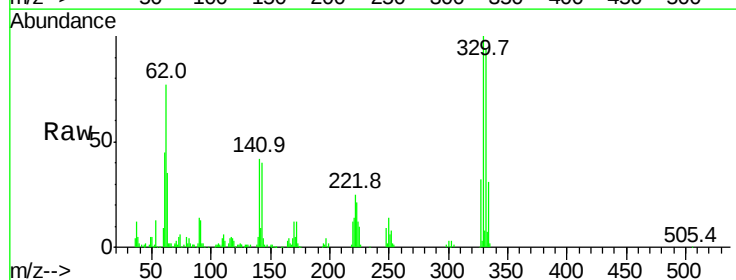
Instrument :
 BNA_G
 ClientSampleId :

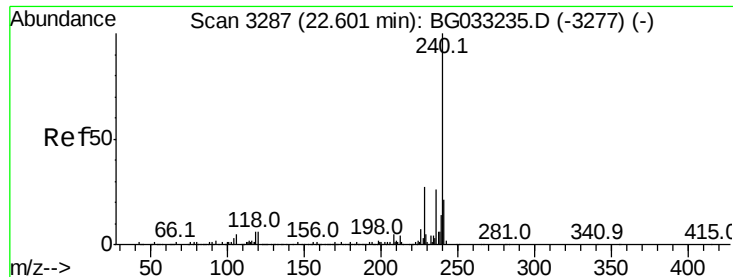
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	7.6	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 3.296 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. -0.43 min
 Lab File: BG033840.D
 Acq: 17 Apr 2018 7:18

Tgt Ion	Ratio	Lower	Upper
248	100		
250	152.9	77.1	115.7
141	463.1	50.8	76.2





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BG033840.D

Acq: 17 Apr 2018 7:18

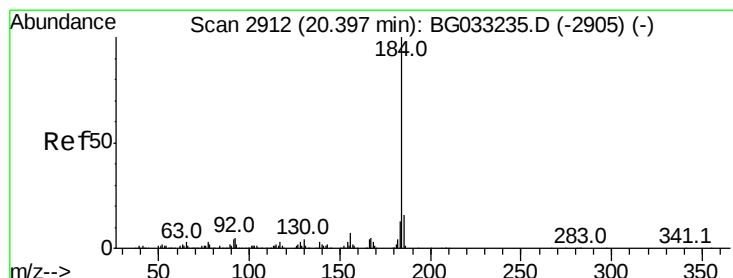
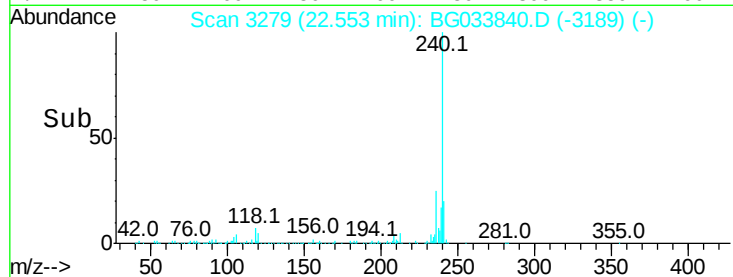
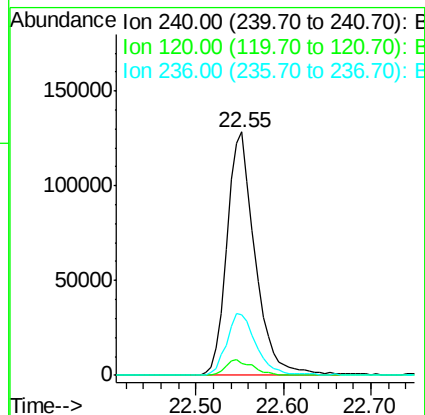
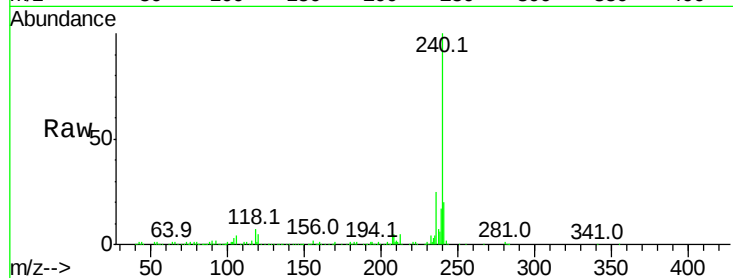
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 282371

Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	24.8	20.9	31.3



#76

Benzidine

Concen: 2.994 ng

RT: 20.73 min Scan# 2968

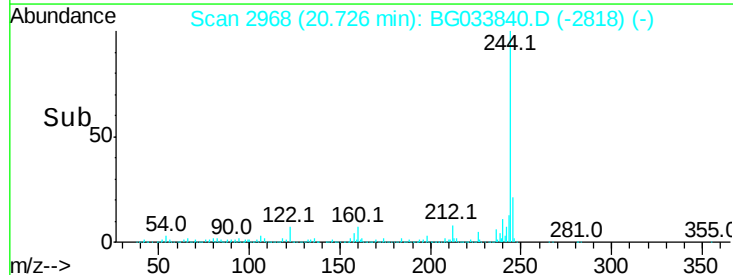
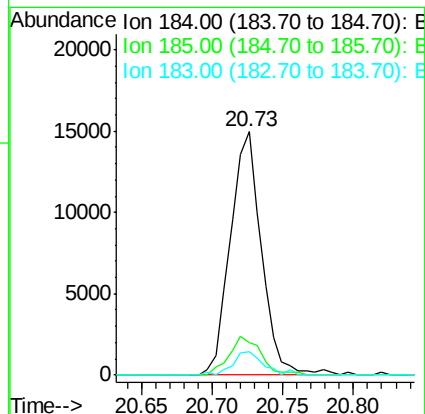
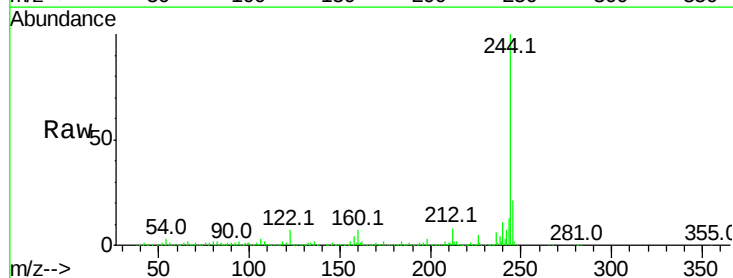
Delta R.T. 0.35 min

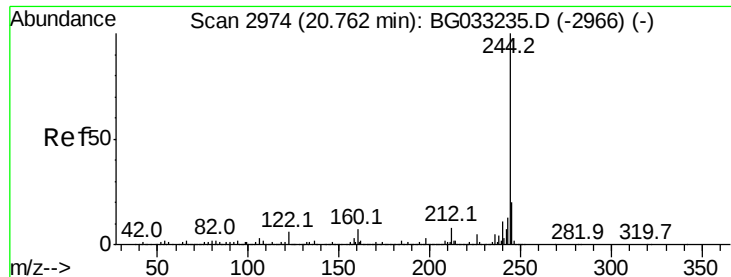
Lab File: BG033840.D

Acq: 17 Apr 2018 7:18

Tgt Ion:184 Resp: 22926

Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.1	16.7
183	9.8	10.6	16.0#





#78

Terphenyl-d14

Concen: 101.872 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033840.D

Acq: 17 Apr 2018 7:18

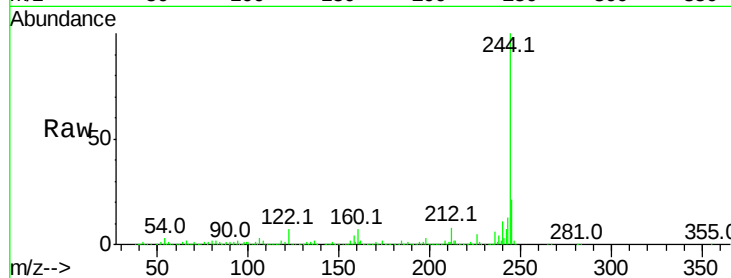
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1345062

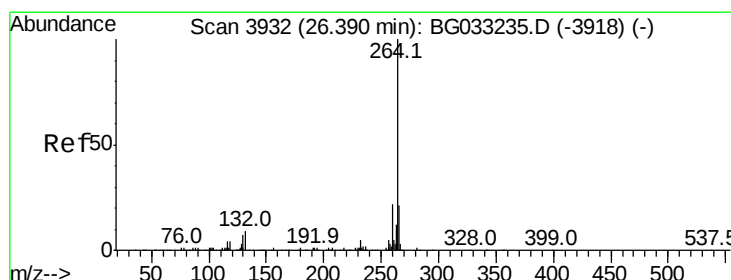
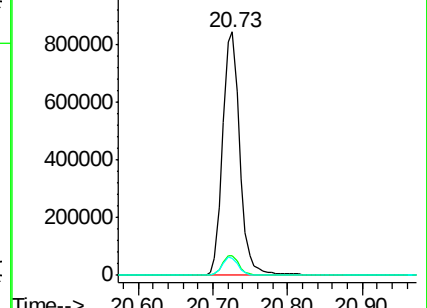
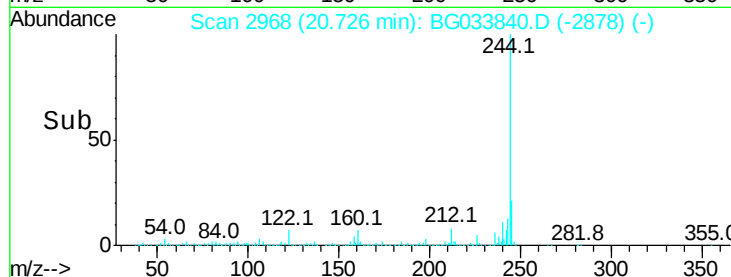
Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	7.2	7.0	10.4



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

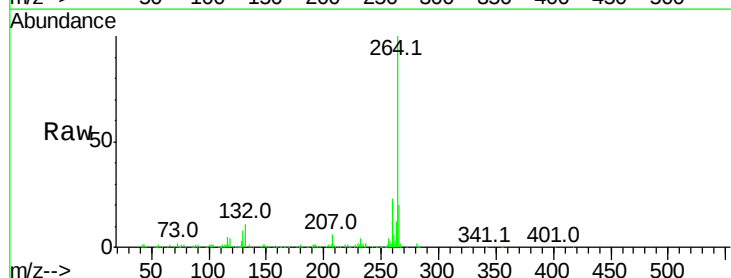
Delta R.T. -0.01 min

Lab File: BG033840.D

Acq: 17 Apr 2018 7:18

Tgt Ion:264 Resp: 303939

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	19.9	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

