

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033688.D
 Acq On : 9 Apr 2018 19:47
 Operator : SJ/JU
 Sample : J2236-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 05:59:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

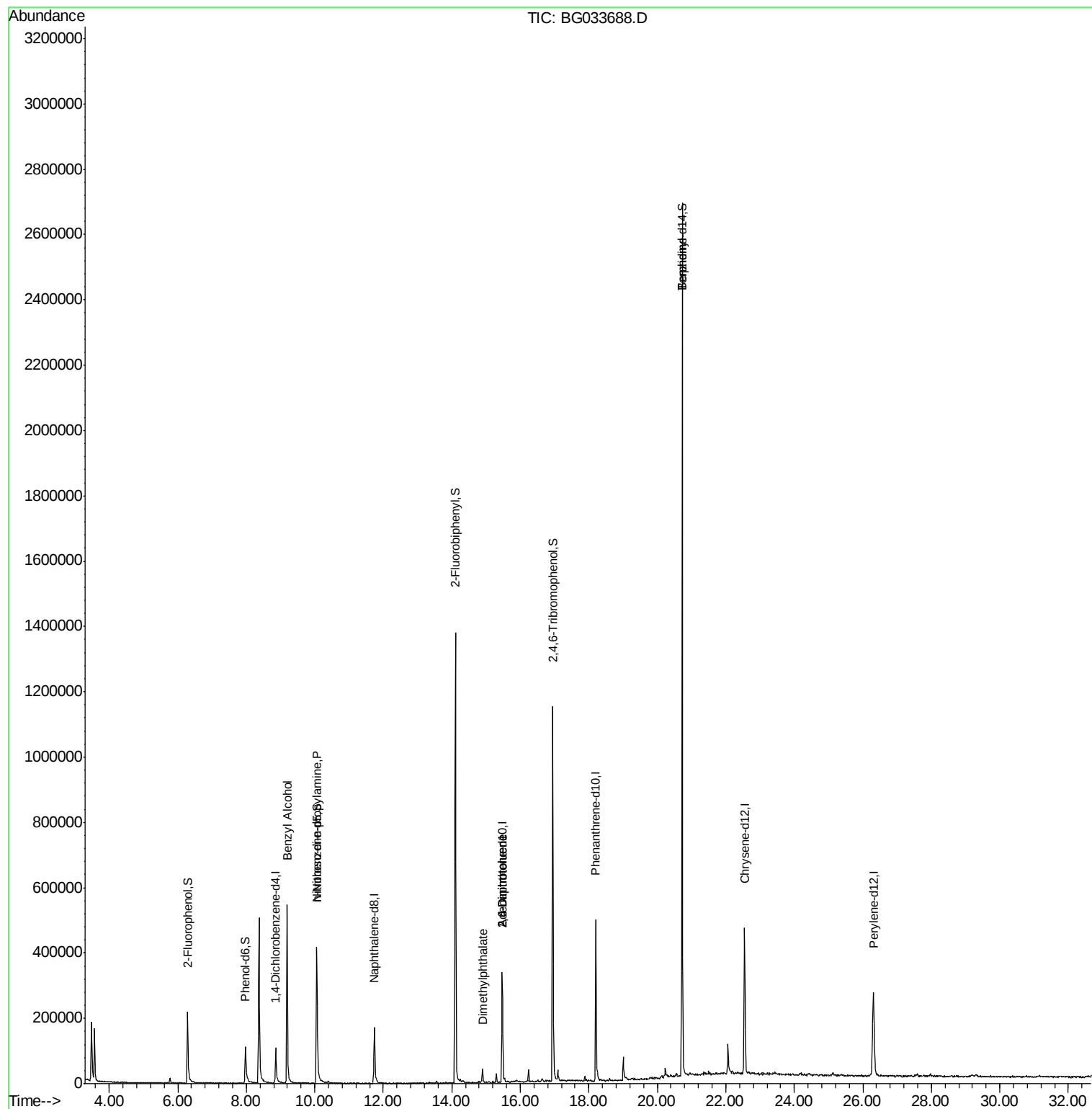
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	37928	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	169315	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	126780	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	327286	20.00	ng	0.00
75) Chrysene-d12	22.55	240	334353	20.00	ng	0.00
86) Perylene-d12	26.31	264	351546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	115645	57.17	ng	0.00
7) Phenol-d6	7.97	99	91546	26.34	ng	0.00
23) Nitrobenzene-d5	10.06	82	334612	90.80	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	216866	114.37	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	780763	88.90	ng	0.00
78) Terphenyl-d14	20.73	244	1263988	80.85	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6225	2.275	ng	# 46
19) n-Nitroso-di-n-propylamine	10.06	70	44390	17.431	ng	# 76
49) Dimethylphthalate	14.90	163	26721	2.422	ng	# 97
50) 2,6-Dinitrotoluene	15.47	165	16875	7.480	ng	# 21
56) 2,4-Dinitrotoluene	15.47	165	16875	5.080	ng	# 18
76) Benzidine	20.73	184	22848	2.520	ng	# 89

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033688.D
Acq On : 9 Apr 2018 19:47
Operator : SJ/JU
Sample : J2236-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 10 05:59:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration



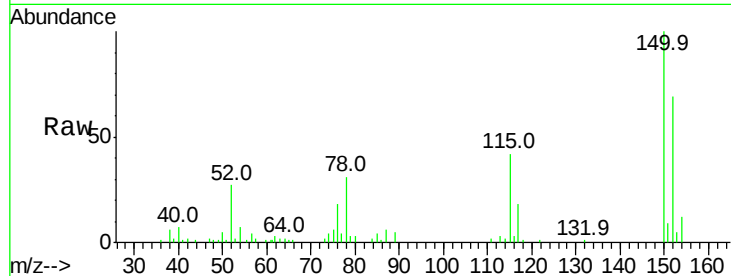


#1

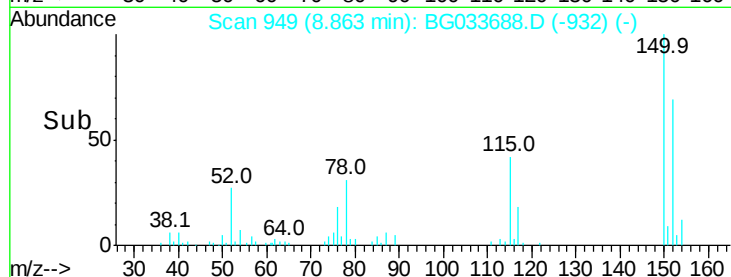
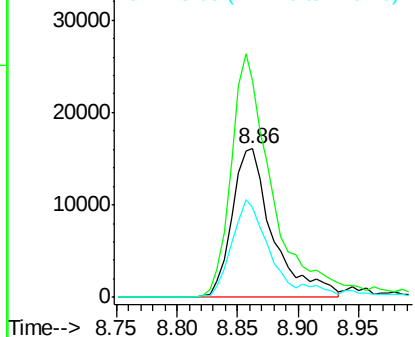
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033688.D
Acq: 9 Apr 2018 19:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37928
Ion Ratio Lower Upper
152 100
150 145.9 126.6 189.8
115 61.0 53.0 79.4



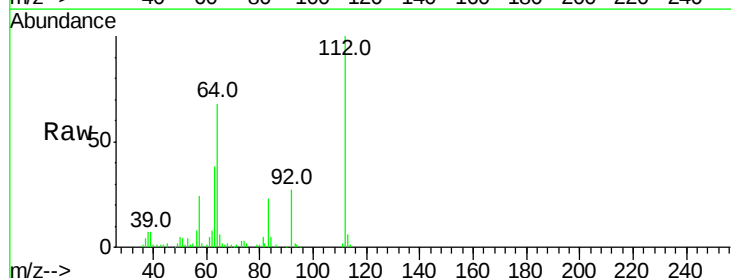
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



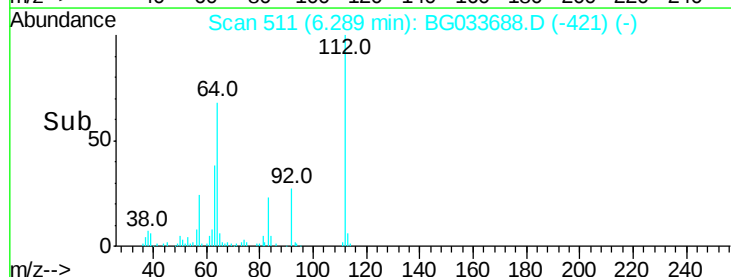
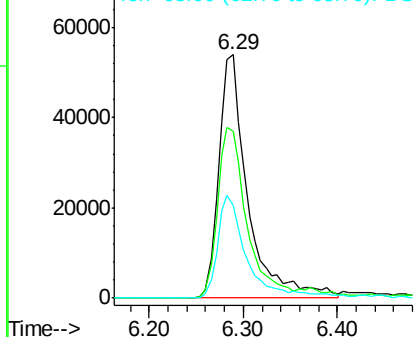
#5

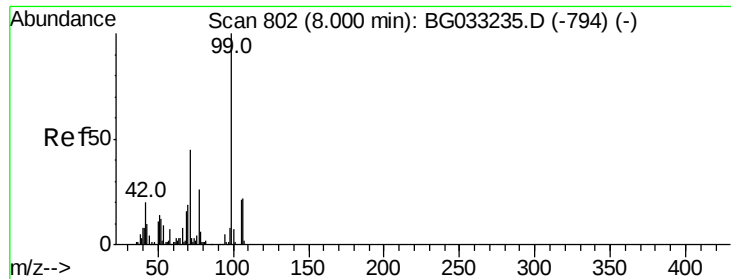
2-Fluorophenol
Concen: 57.174 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033688.D
Acq: 9 Apr 2018 19:47

Tgt Ion:112 Resp: 115645
Ion Ratio Lower Upper
112 100
64 68.3 56.3 84.5
63 38.2 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: 26.341 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033688.D

Acq: 9 Apr 2018 19:47

Instrument :

BNA_G

ClientSampled :

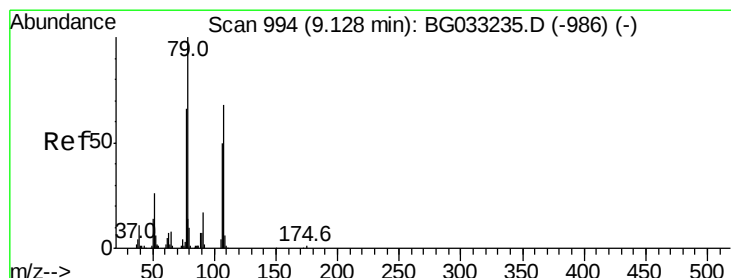
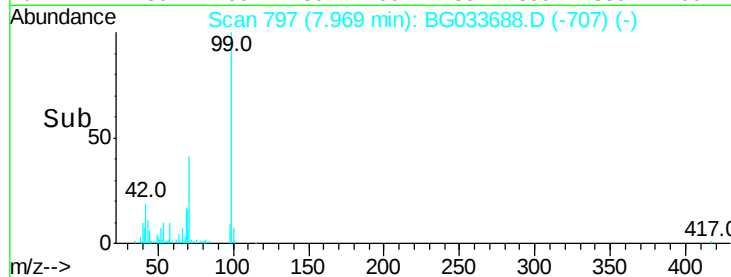
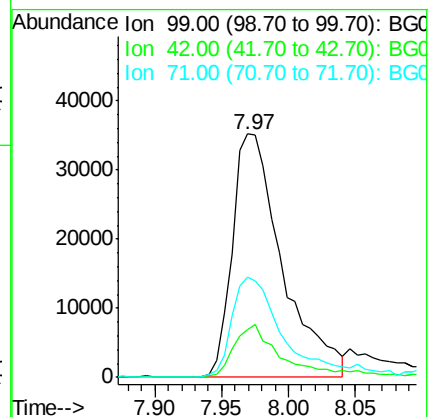
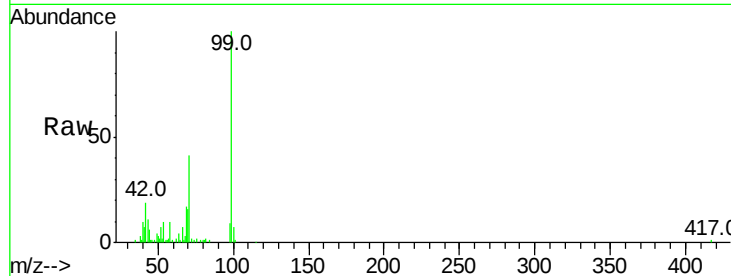
Tot Ion: 99 Resp: 91546

Ion Ratio Lower Upper

99 100

42 19.4 14.1 21.1

71 41.0 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.275 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033688.D

Acq: 9 Apr 2018 19:47

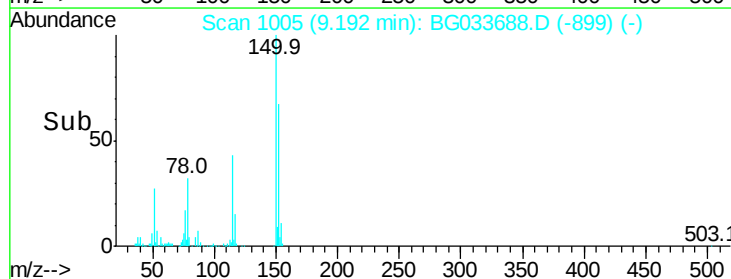
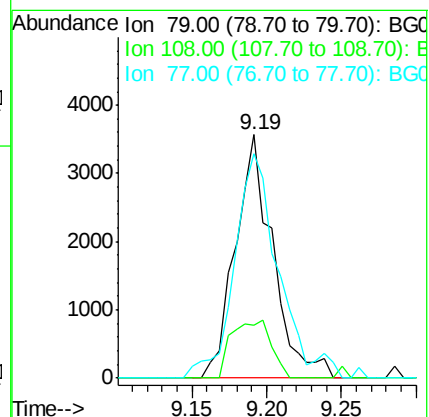
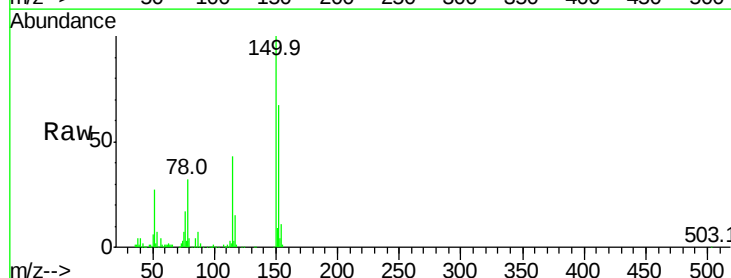
Tgt Ion: 79 Resp: 6225

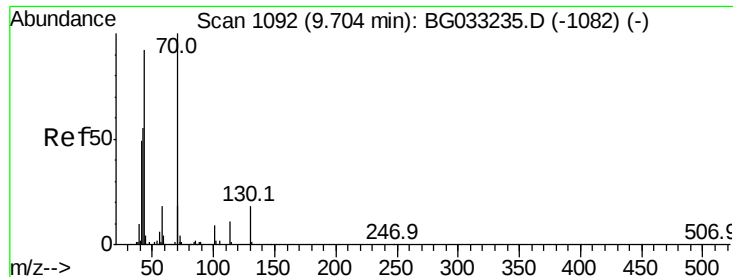
Ion Ratio Lower Upper

79 100

108 21.6 57.2 85.8#

77 92.3 46.1 69.1#

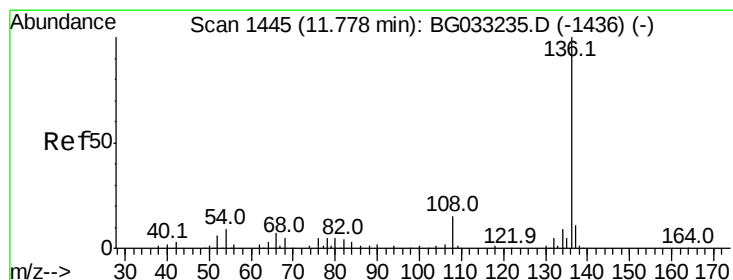
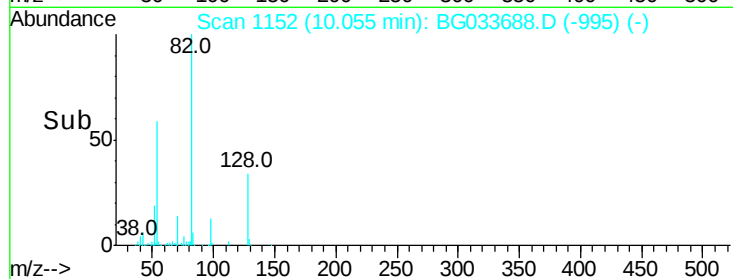
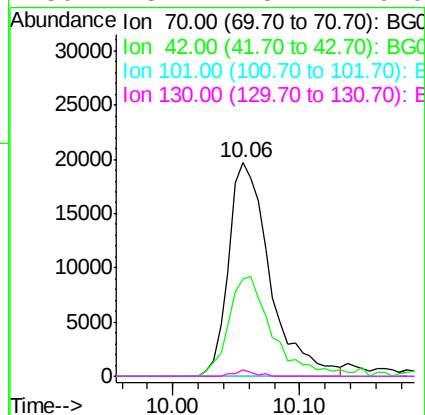
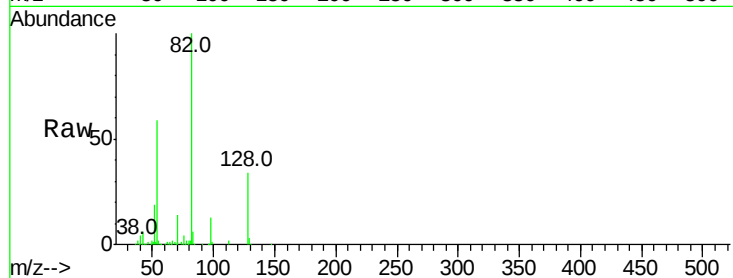




#19
n-Nitroso-di-n-propylamine
Concen: 17.431 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033688.D
Acq: 9 Apr 2018 19:47

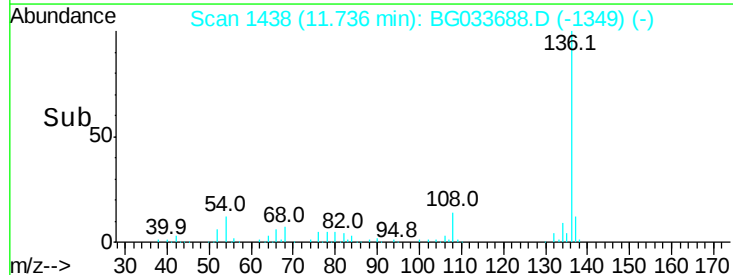
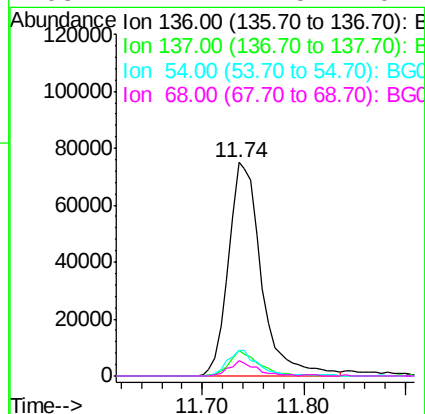
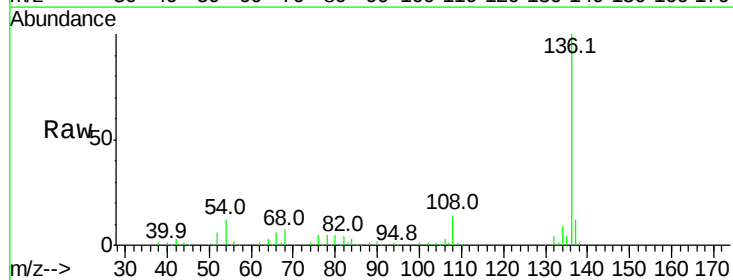
Instrument :
BNA_G
ClientSampleId :

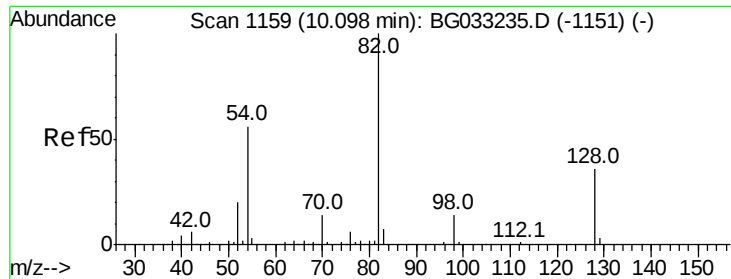
Tot Ion: 70 Resp: 44390
Ion Ratio Lower Upper
70 100
42 45.6 49.1 73.7#
101 0.0 8.5 12.7#
130 3.2 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BG033688.D
Acq: 9 Apr 2018 19:47

Tgt Ion: 136 Resp: 169315
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 11.8 10.3 15.5
68 7.2 4.5 6.7#

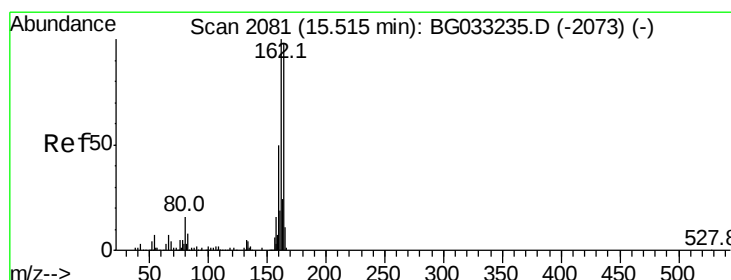
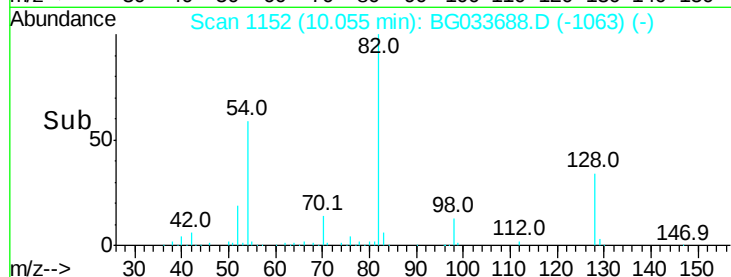
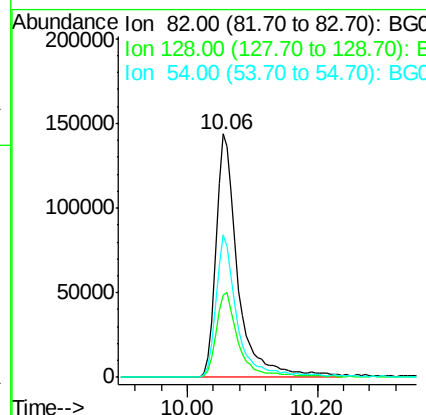
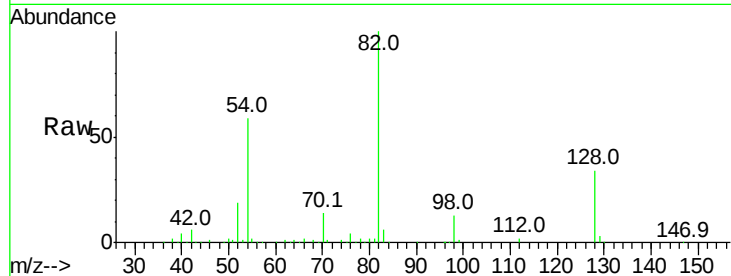




#23
 Nitrobenzene-d5
 Concen: 90.798 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033688.D
 Acq: 9 Apr 2018 19:47

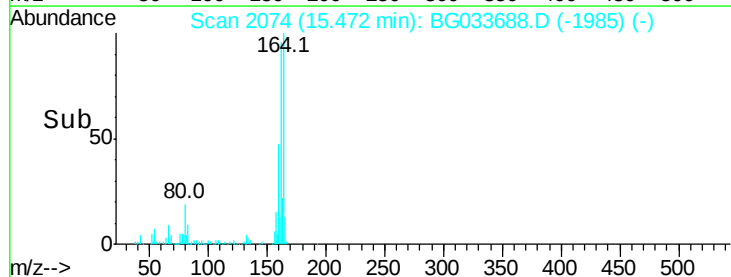
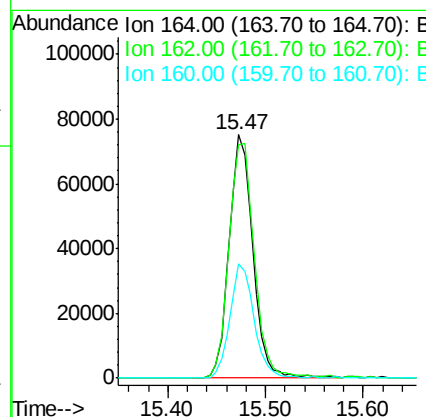
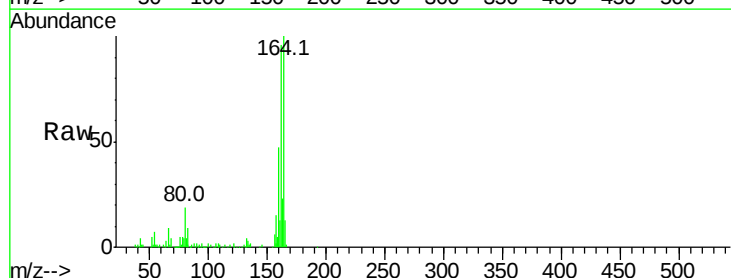
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	334612
Ion Ratio	100	Lower	Upper
128	33.6	29.7	44.5
54	58.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033688.D
 Acq: 9 Apr 2018 19:47

Tgt Ion	164	Resp	126780
Ion Ratio	100	Lower	Upper
162	95.8	78.8	118.2
160	47.0	35.4	53.0

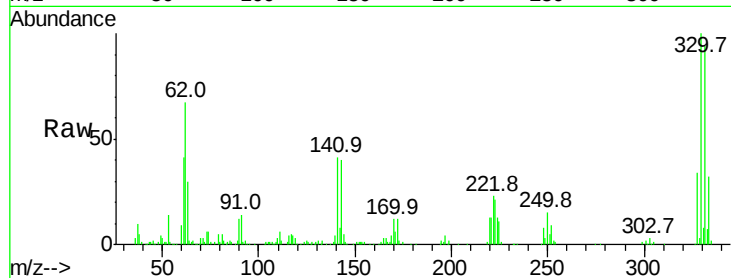




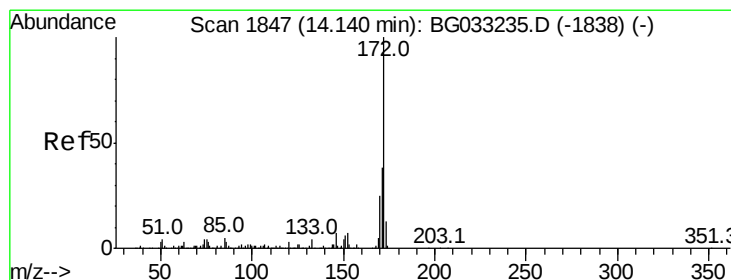
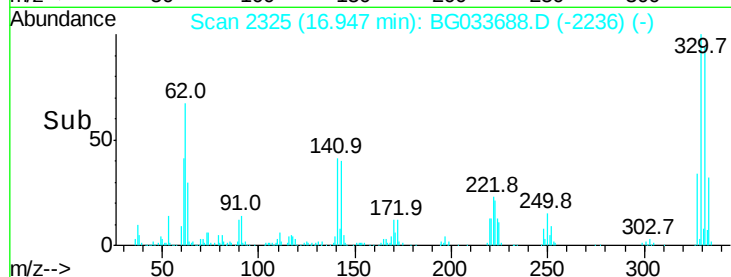
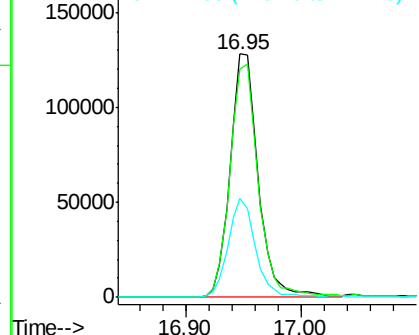
#41
 2,4,6-Tribromophenol
 Concen: 114.372 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033688.D
 Acq: 9 Apr 2018 19:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	39.7	25.2	37.8#

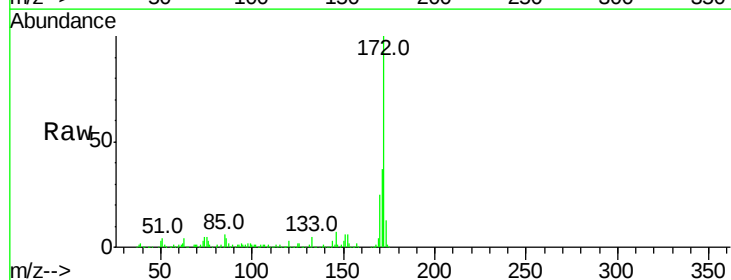


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

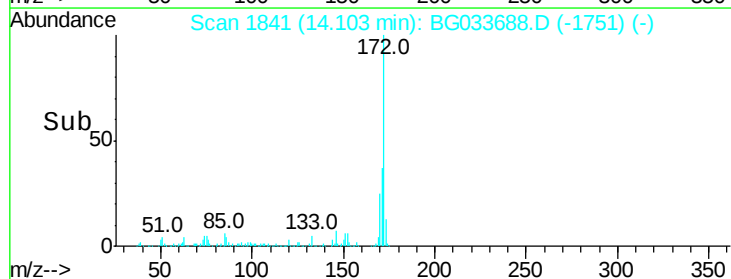
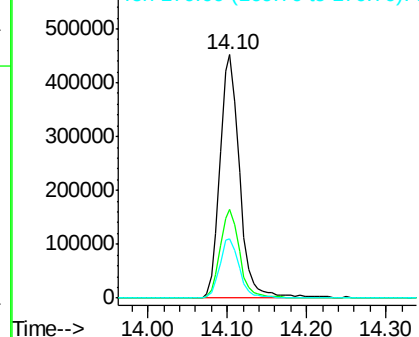


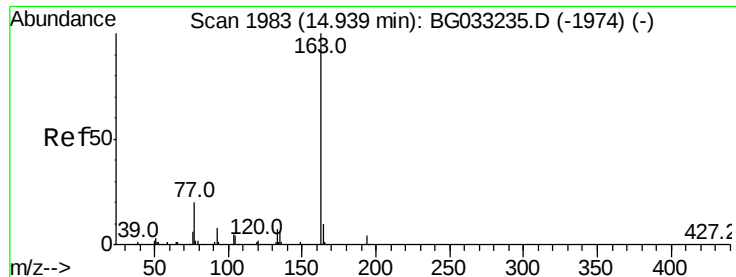
#44
 2-Fluorobiphenyl
 Concen: 88.905 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033688.D
 Acq: 9 Apr 2018 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.5	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

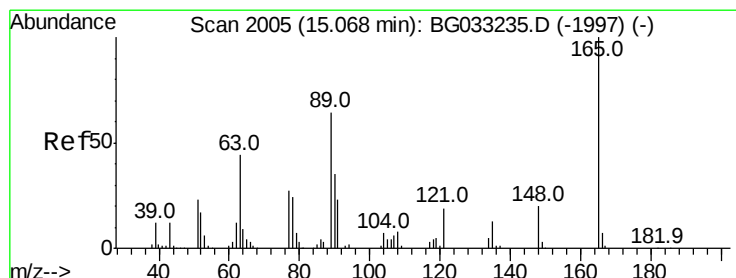
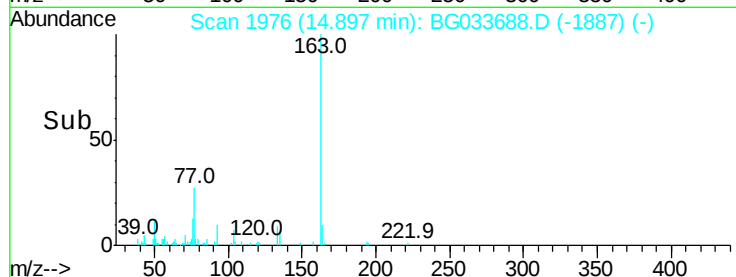
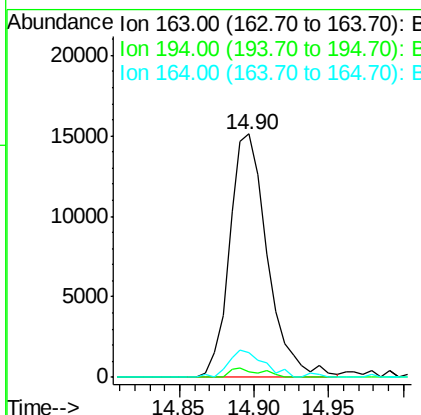
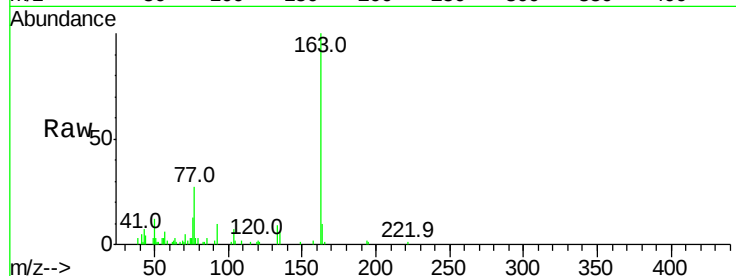




#49
Dimethylphthalate
Concen: 2.422 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033688.D
Acq: 9 Apr 2018 19:47

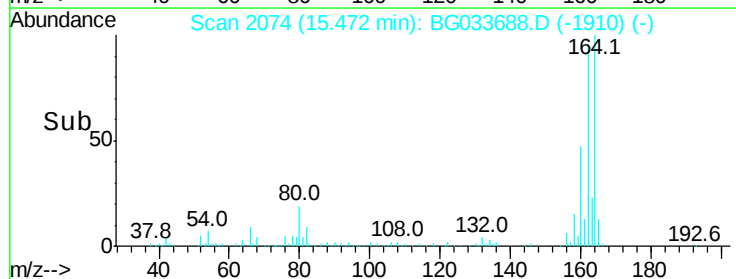
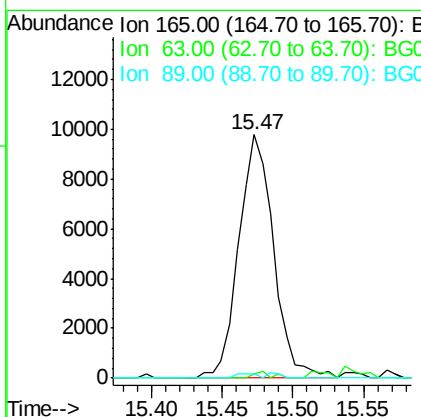
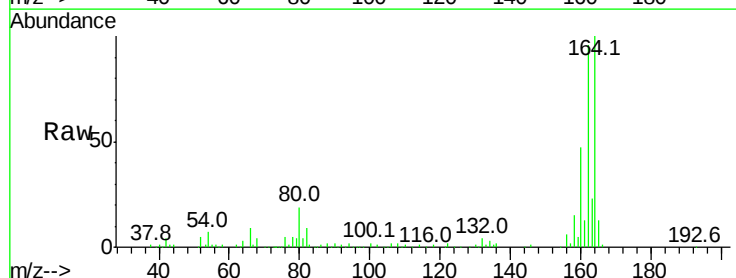
Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 26721
Ion Ratio Lower Upper
163 100
194 2.0 3.4 5.2#
164 10.0 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 7.480 ng
RT: 15.47 min Scan# 2074
Delta R.T. 0.43 min
Lab File: BG033688.D
Acq: 9 Apr 2018 19:47

Tgt Ion:165 Resp: 16875
Ion Ratio Lower Upper
165 100
63 1.8 52.7 79.1#
89 1.7 49.2 73.8#

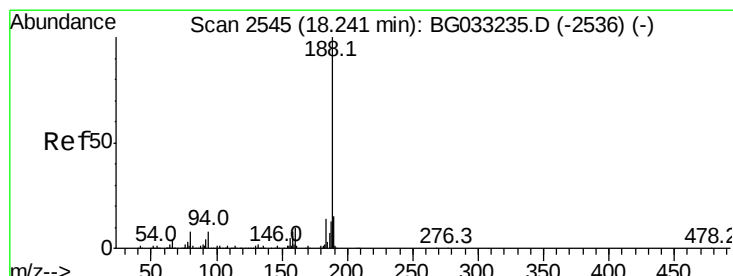
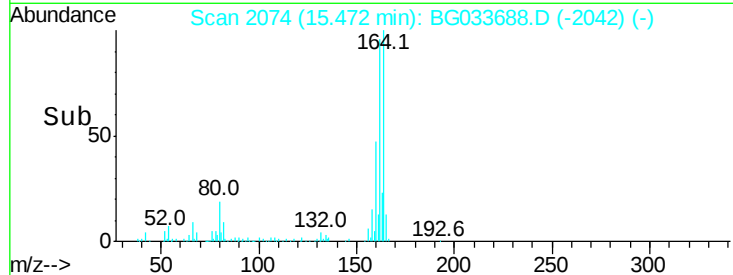
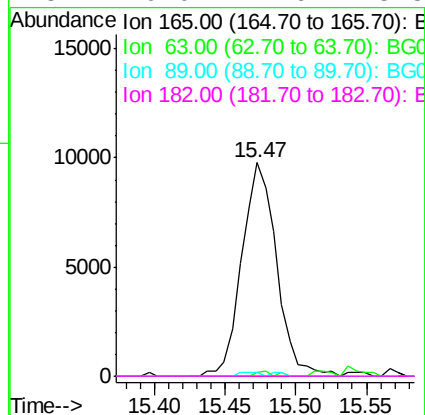
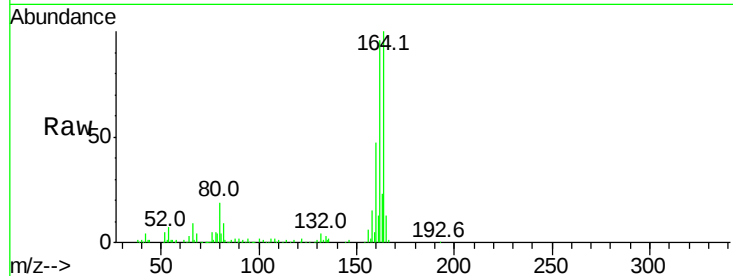




#56
 2,4-Dinitrotoluene
 Concen: 5.080 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033688.D
 Acq: 9 Apr 2018 19:47

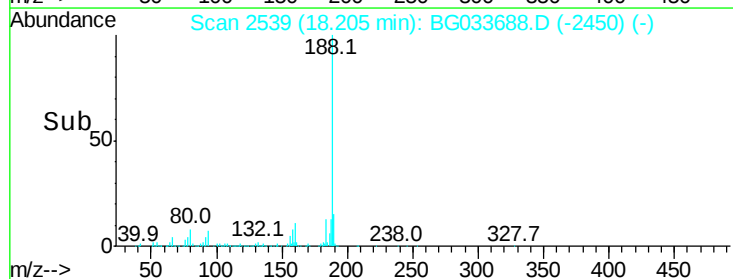
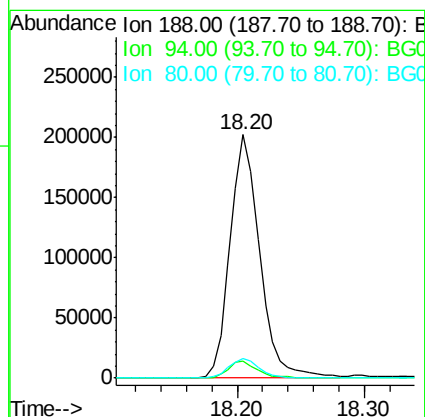
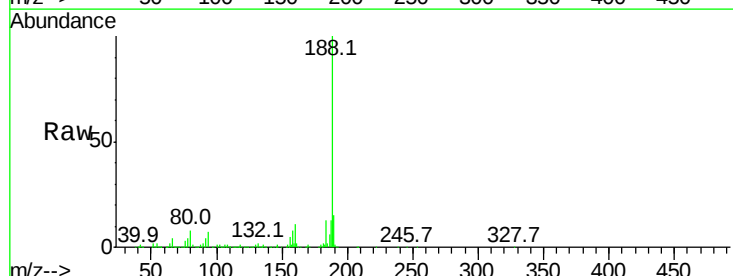
Instrument :
 BNA_G
 ClientSampleId :

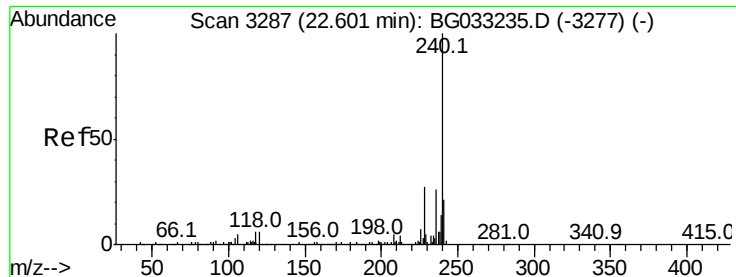
Tot Ion:165 Resp: 16875
 Ion Ratio Lower Upper
 165 100
 63 1.8 42.0 63.0#
 89 1.7 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033688.D
 Acq: 9 Apr 2018 19:47

Tgt Ion:188 Resp: 327286
 Ion Ratio Lower Upper
 188 100
 94 6.9 6.9 10.3
 80 8.2 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033688.D

Acq: 9 Apr 2018 19:47

Instrument :

BNA_G

ClientSampleId :

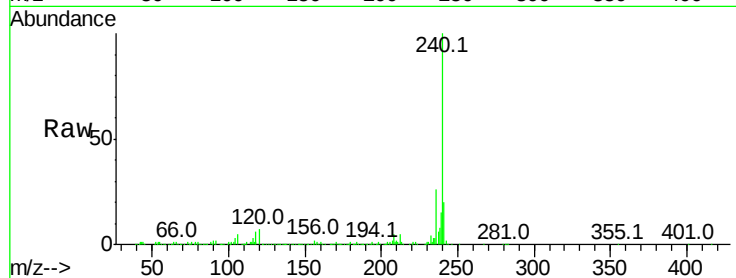
Tot Ion:240 Resp: 334353

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

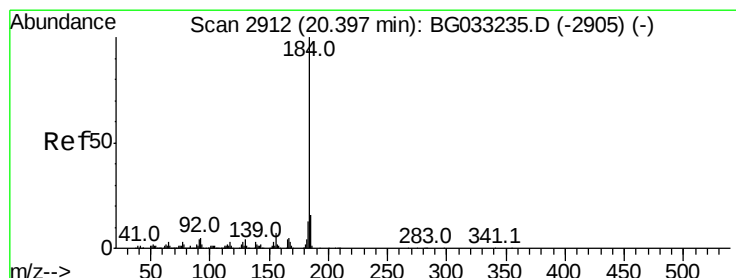
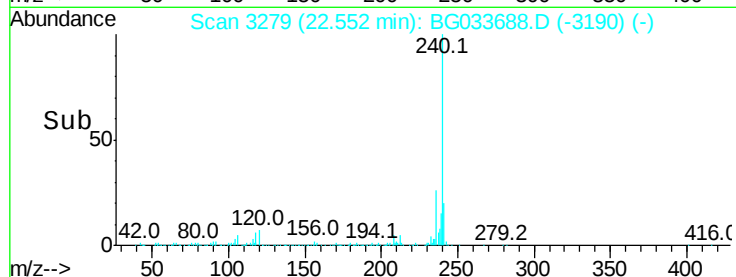
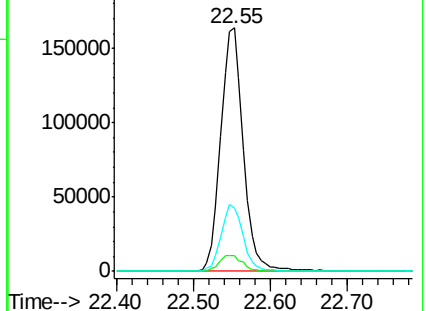
236 26.1 20.9 31.3



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: 2.520 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033688.D

Acq: 9 Apr 2018 19:47

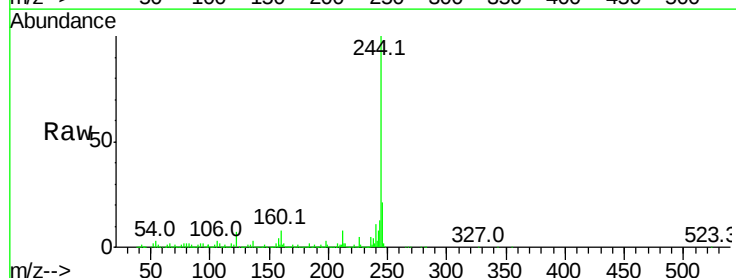
Tgt Ion:184 Resp: 22848

Ion Ratio Lower Upper

184 100

185 18.3 11.1 16.7#

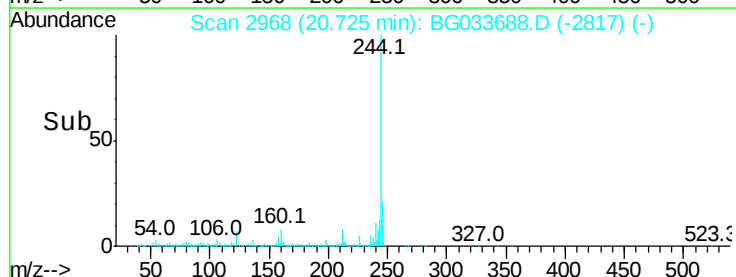
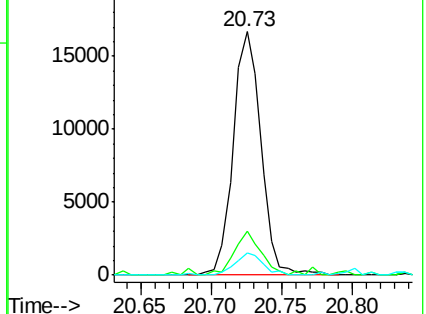
183 8.8 10.6 16.0#

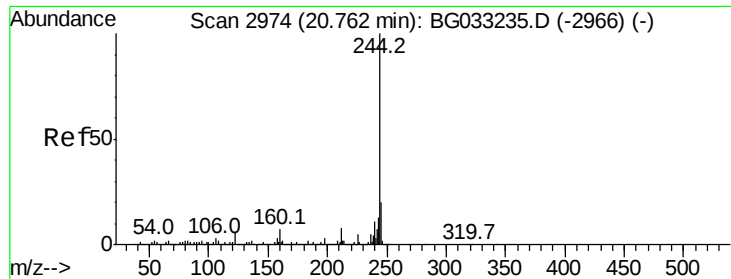


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

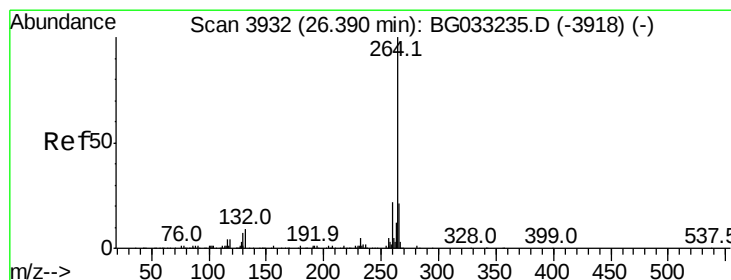
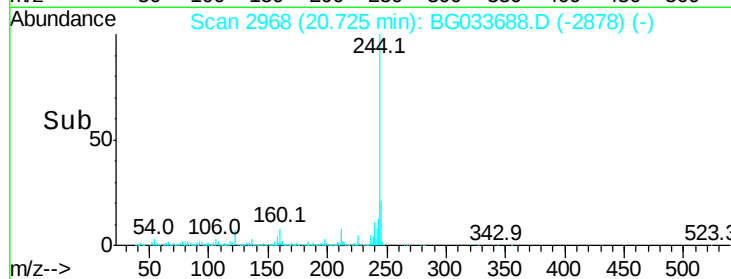
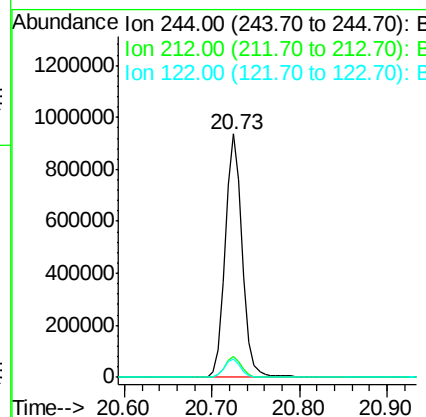
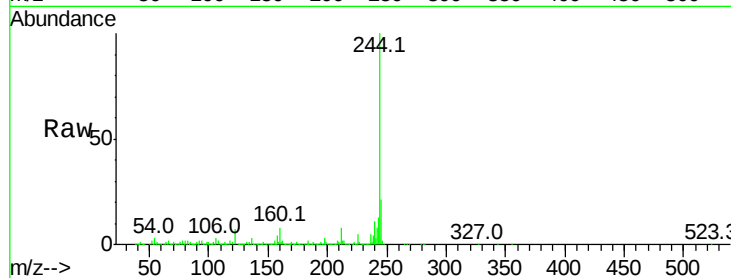




#78
 Terphenyl-d14
 Concen: 80.848 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.00 min
 Lab File: BG033688.D
 Acq: 9 Apr 2018 19:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1263988
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.8
 122 7.4 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: BG033688.D
 Acq: 9 Apr 2018 19:47

Tgt Ion:264 Resp: 351546
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.4 26.0
 265 21.2 17.7 26.5

