

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033653.D
 Acq On : 7 Apr 2018 6:47
 Operator : SJ/JU
 Sample : J2258-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 09 01:59:15 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

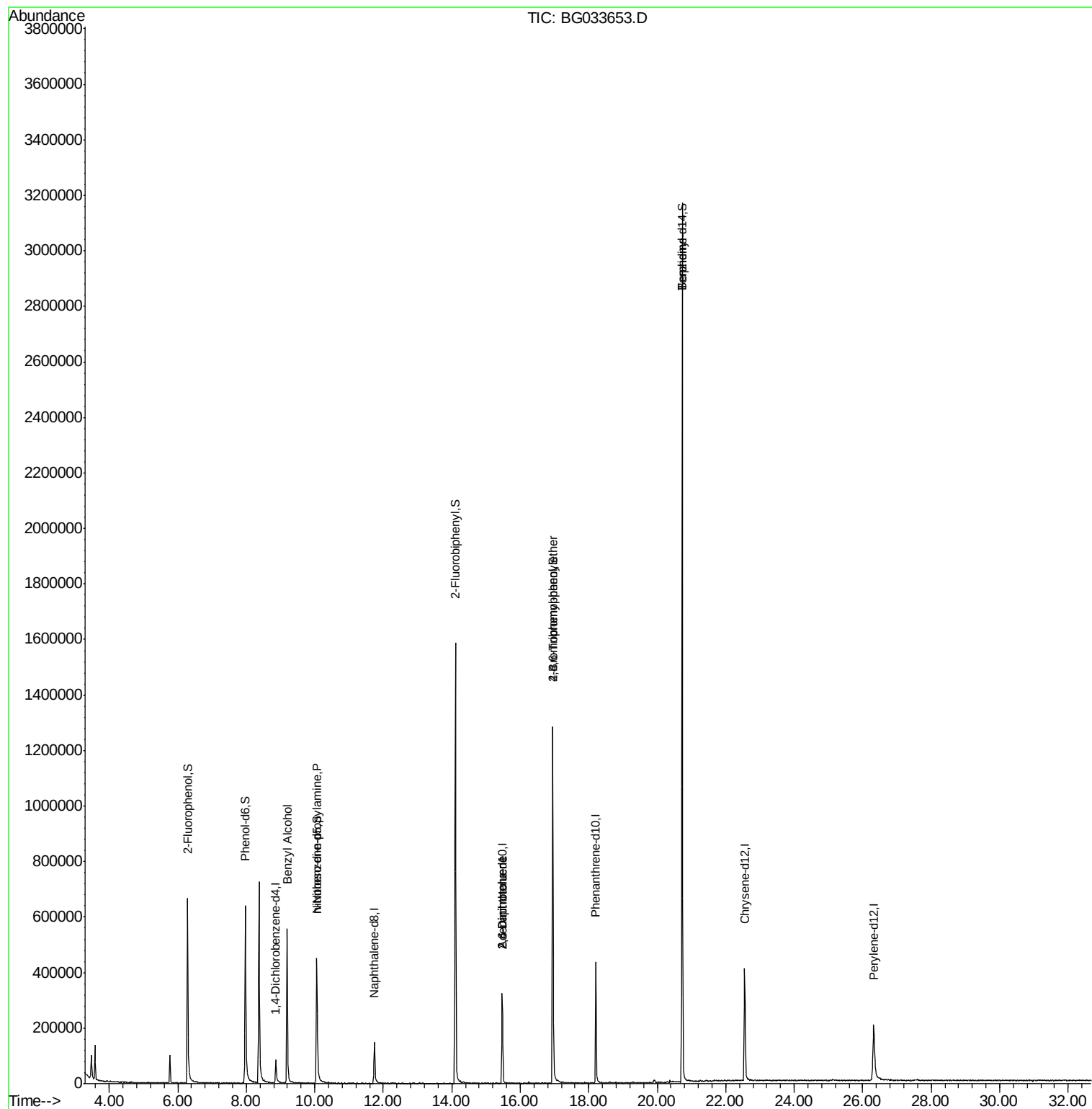
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33029	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	156062	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	123477	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	317812	20.00	ng	0.00
75) Chrysene-d12	22.55	240	323265	20.00	ng	0.00
86) Perylene-d12	26.32	264	307222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	317443	180.22	ng	0.00
7) Phenol-d6	7.97	99	445844	147.31	ng	0.00
23) Nitrobenzene-d5	10.06	82	361011	106.28	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	258670	140.07	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	869763	101.69	ng	0.00
78) Terphenyl-d14	20.73	244	1582988	104.72	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	6009	2.522	ng	# 51
19) n-Nitroso-di-n-propylamine	10.06	70	46440	20.941	ng	# 81
50) 2,6-Dinitrotoluene	15.47	165	15398	7.008	ng	# 20
56) 2,4-Dinitrotoluene	15.47	165	15398	4.760	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	20123	5.391	ng	# 1
76) Benzidine	20.73	184	27702	3.160	ng	# 95

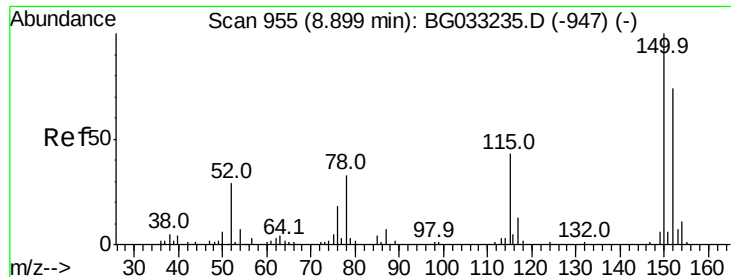
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
Data File : BG033653.D
Acq On : 7 Apr 2018 6:47
Operator : SJ/JU
Sample : J2258-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 09 01:59:15 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



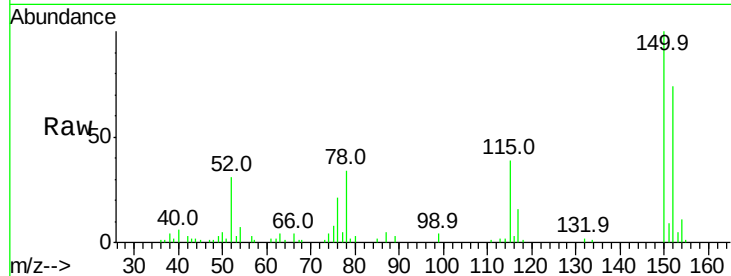


#1

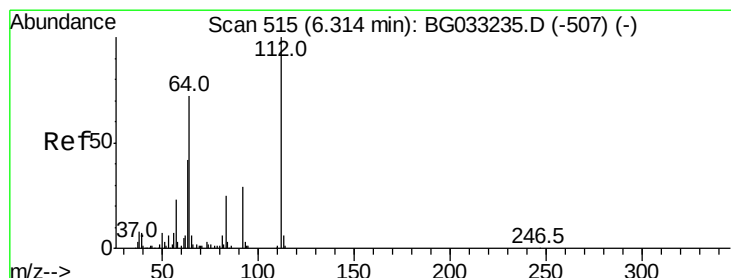
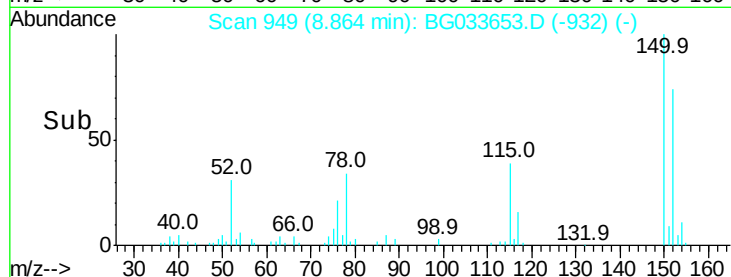
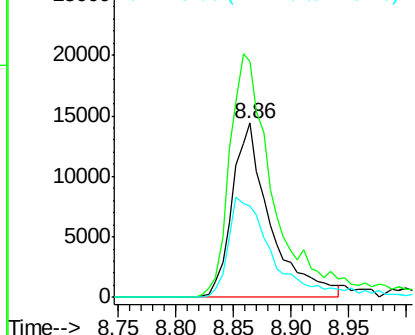
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033653.D
Acq: 7 Apr 2018 6:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33029
Ion Ratio Lower Upper
152 100
150 135.0 126.6 189.8
115 52.7 53.0 79.4#



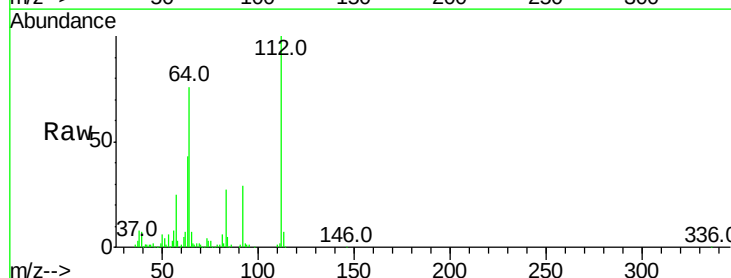
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



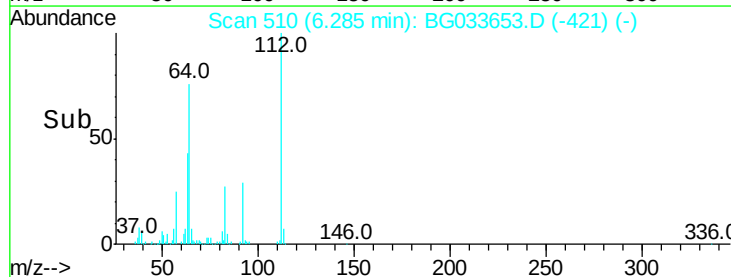
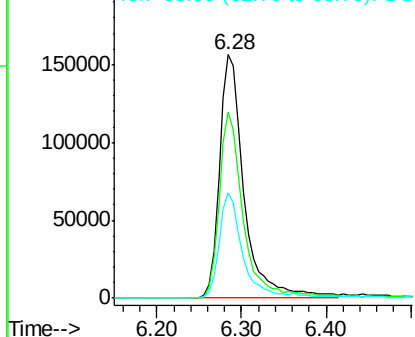
#5

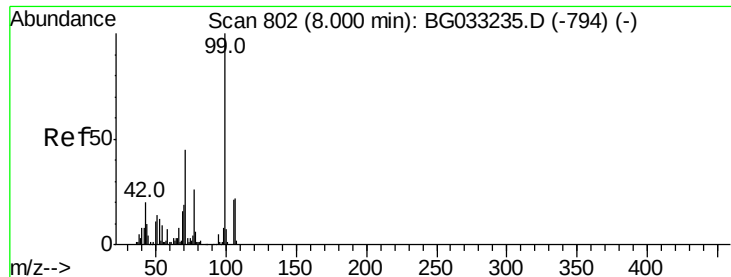
2-Fluorophenol
Concen: 180.219 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033653.D
Acq: 7 Apr 2018 6:47

Tgt Ion:112 Resp: 317443
Ion Ratio Lower Upper
112 100
64 76.4 56.3 84.5
63 43.1 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: 147.313 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033653.D

Acq: 7 Apr 2018 6:47

Instrument :

BNA_G

ClientSampleId :

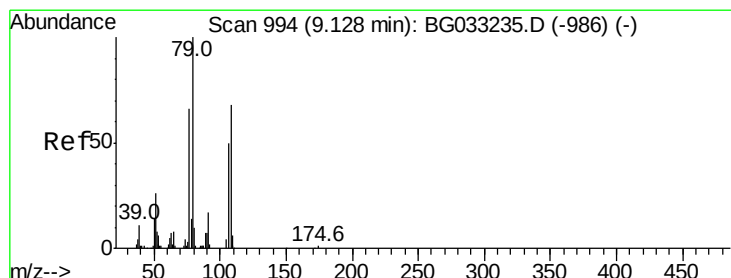
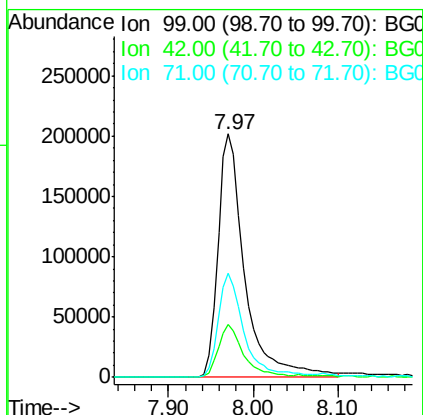
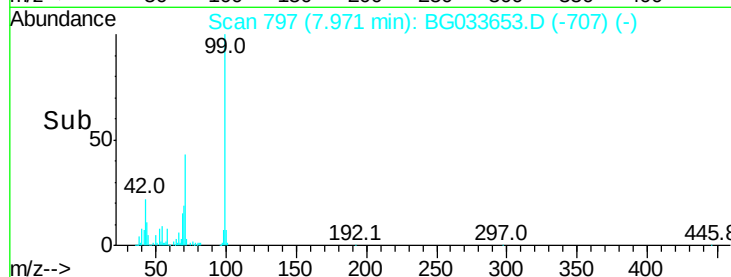
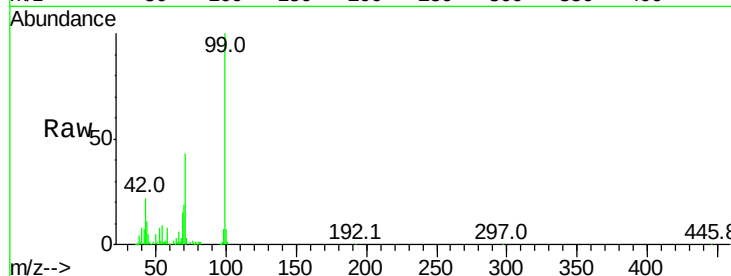
Tot Ion: 99 Resp: 445844

Ion Ratio Lower Upper

99 100

42 22.0 14.1 21.1#

71 42.6 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.522 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033653.D

Acq: 7 Apr 2018 6:47

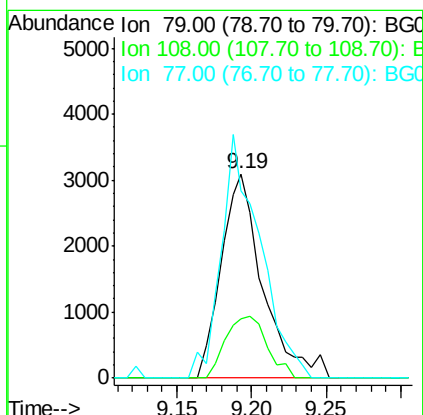
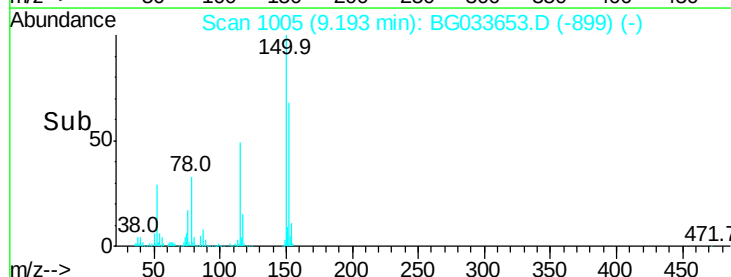
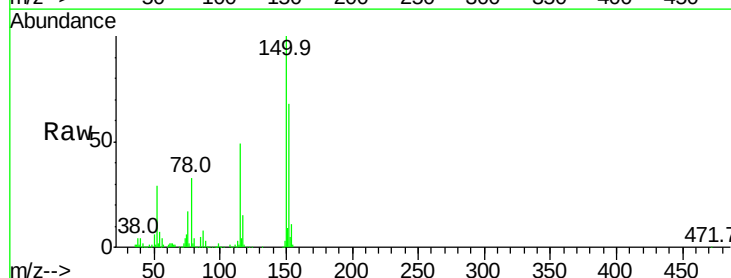
Tgt Ion: 79 Resp: 6009

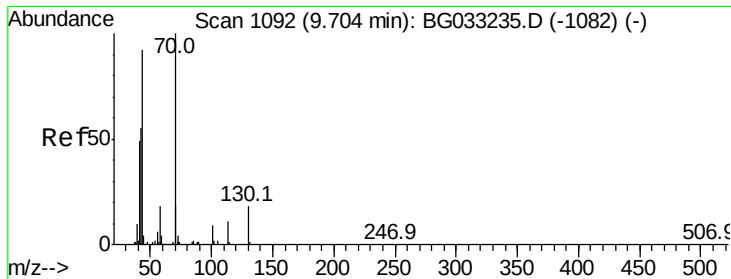
Ion Ratio Lower Upper

79 100

108 29.1 57.2 85.8#

77 91.5 46.1 69.1#

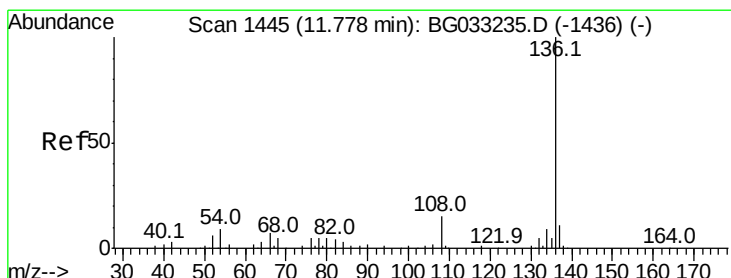
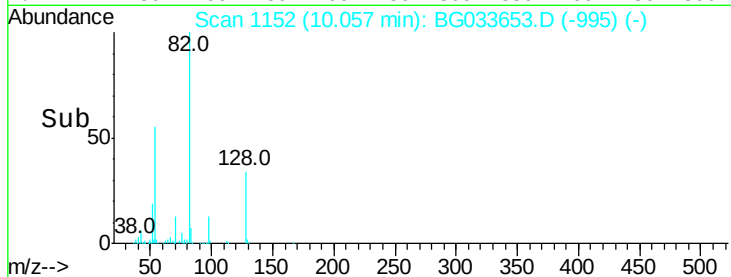
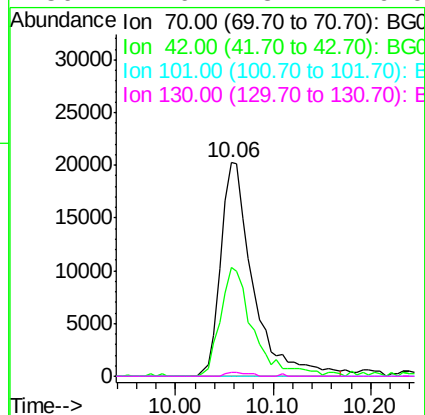
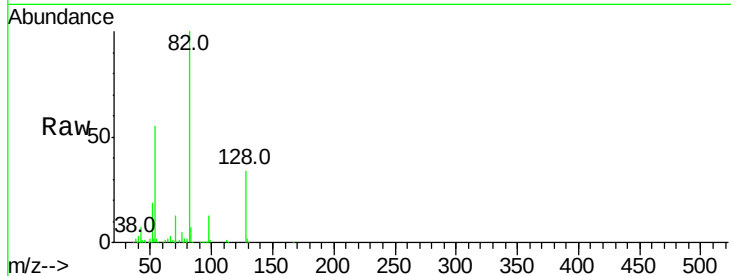




#19
n-Nitroso-di-n-propylamine
Concen: 20.941 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033653.D
Acq: 7 Apr 2018 6:47

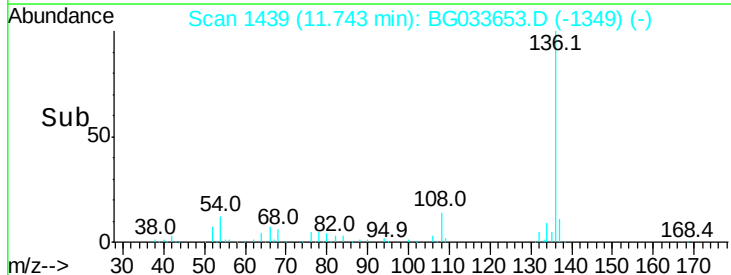
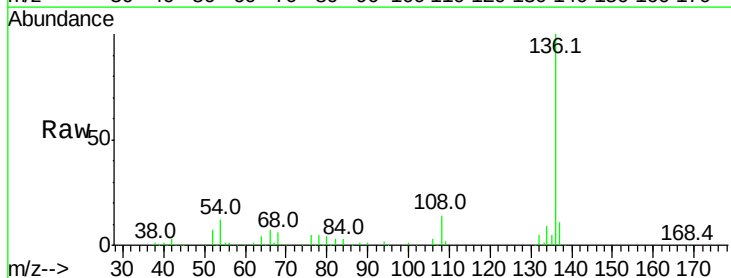
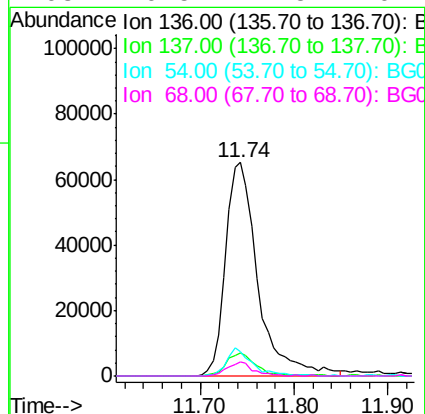
Instrument :
BNA_G
ClientSampleId :

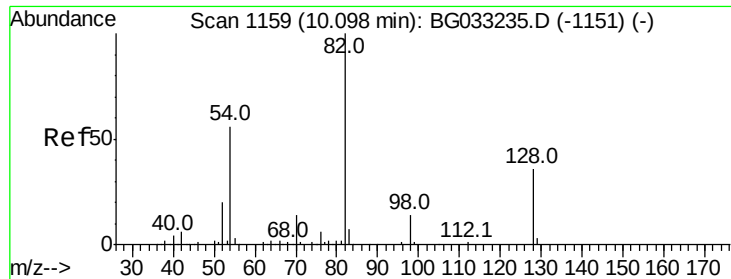
Tot Ion	Ratio	Lower	Upper
70	100		
42	51.1	49.1	73.7
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033653.D
Acq: 7 Apr 2018 6:47

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	11.6	10.3	15.5
68	6.5	4.5	6.7

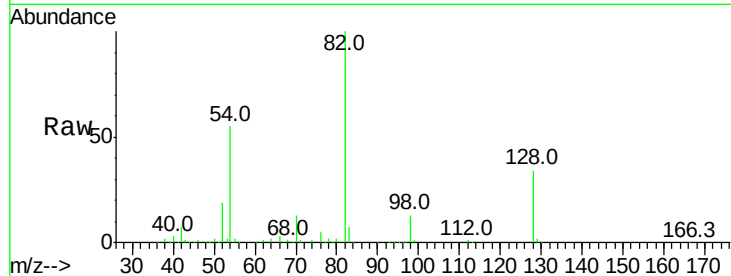




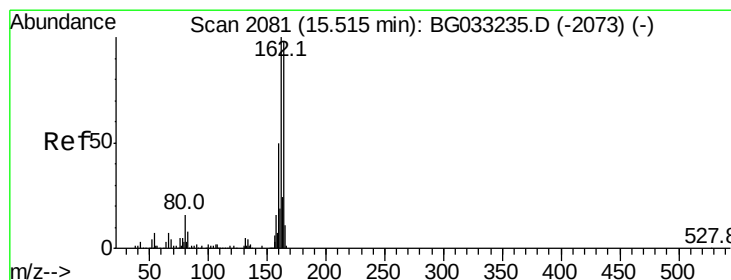
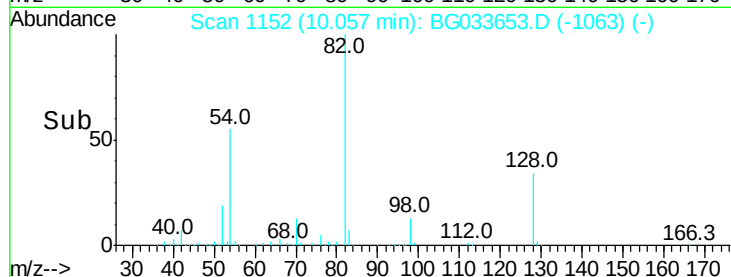
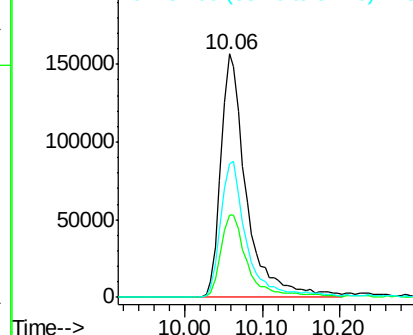
#23
 Nitrobenzene-d5
 Concen: 106.280 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033653.D
 Acq: 7 Apr 2018 6:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 361011
 Ion Ratio Lower Upper
 82 100
 128 33.7 29.7 44.5
 54 54.8 43.1 64.7

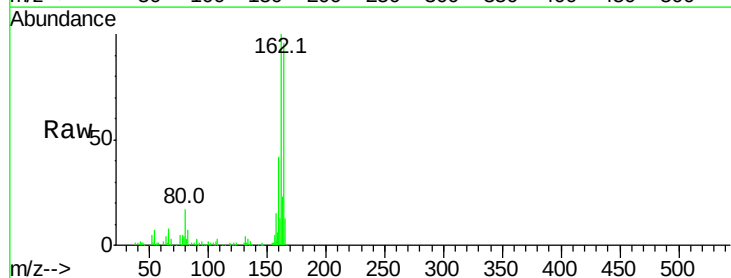


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

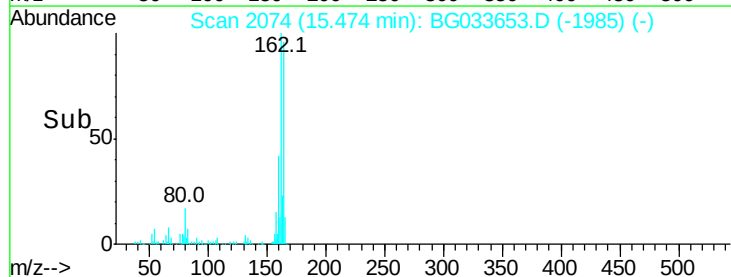
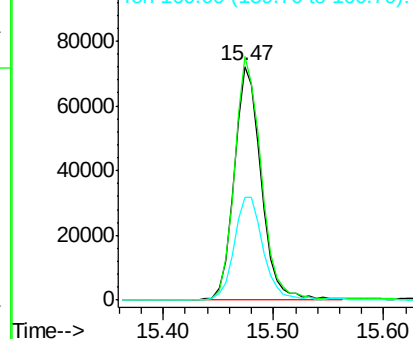


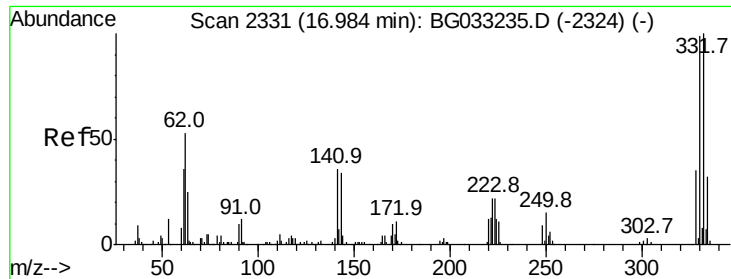
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033653.D
 Acq: 7 Apr 2018 6:47

Tgt Ion:164 Resp: 123477
 Ion Ratio Lower Upper
 164 100
 162 104.1 78.8 118.2
 160 44.2 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

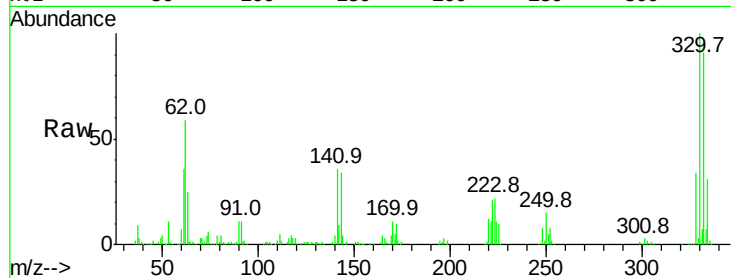




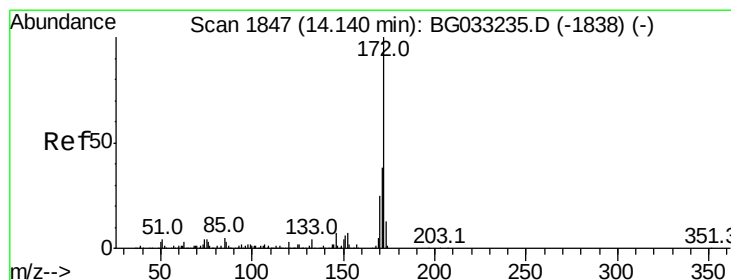
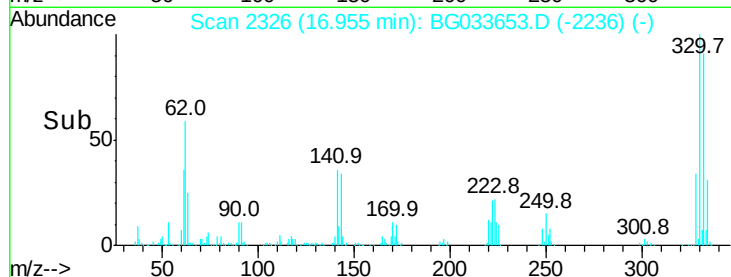
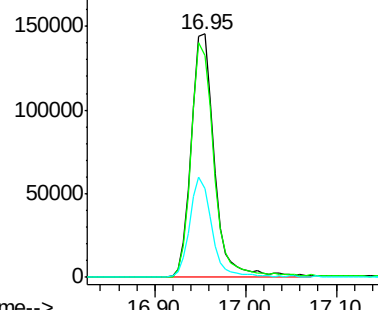
#41
 2,4,6-Tribromophenol
 Concen: 140.068 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033653.D
 Acq: 7 Apr 2018 6:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 258670
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 39.1 25.2 37.8#

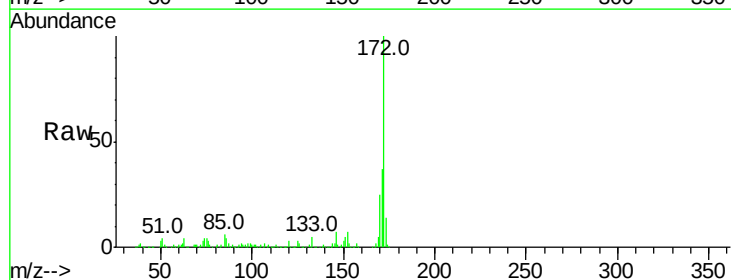


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

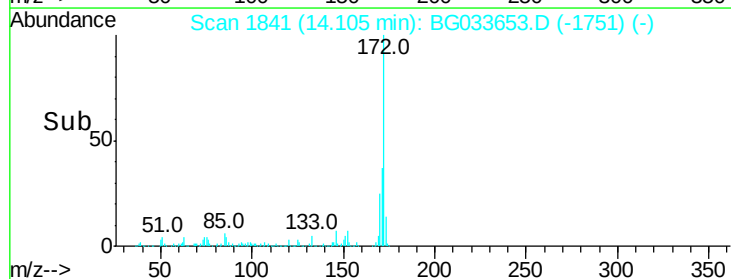
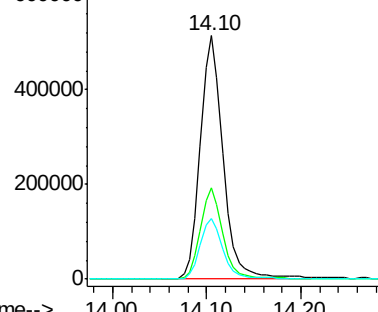


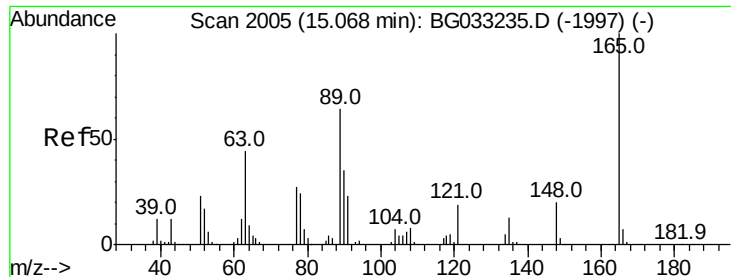
#44
 2-Fluorobiphenyl
 Concen: 101.689 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033653.D
 Acq: 7 Apr 2018 6:47

Tgt Ion:172 Resp: 869763
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 25.0 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

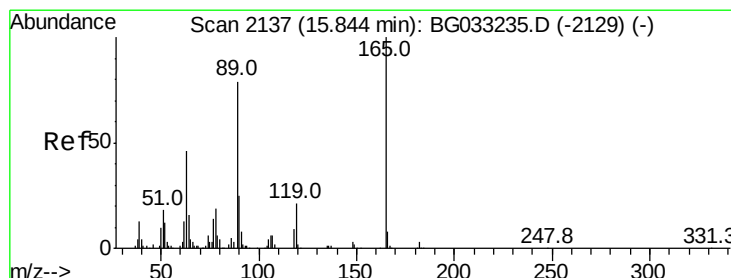
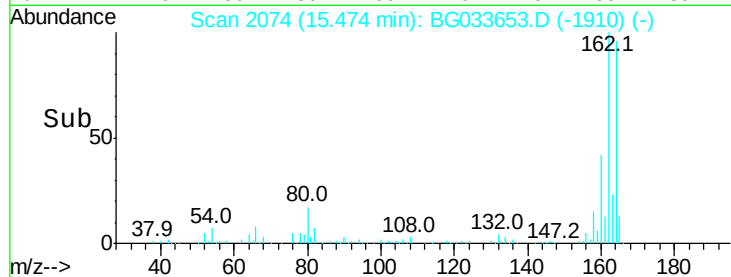
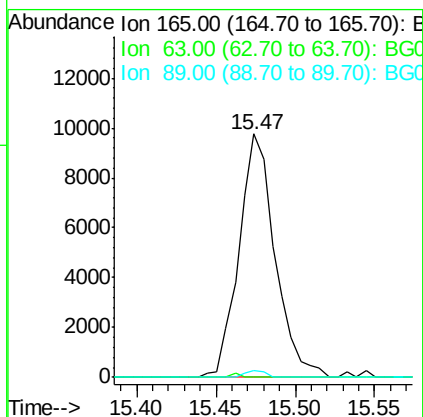
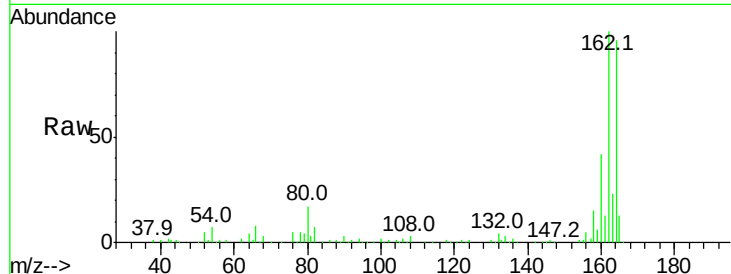




#50
 2,6-Dinitrotoluene
 Concen: 7.008 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033653.D
 Acq: 7 Apr 2018 6:47

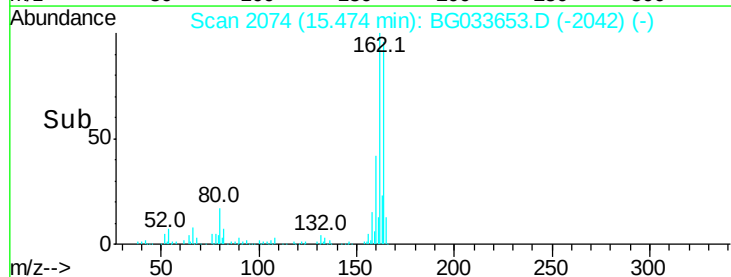
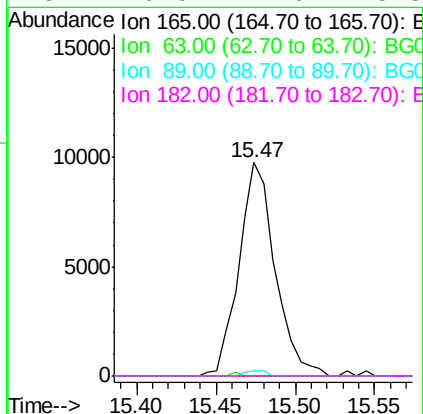
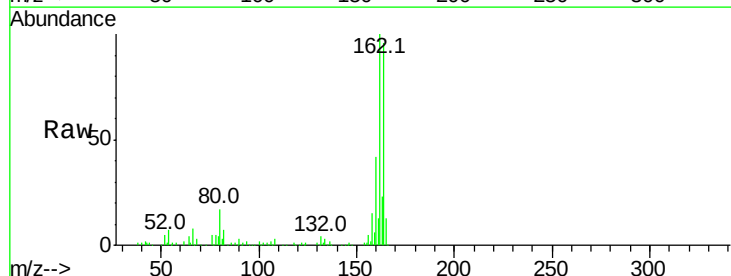
Instrument :
 BNA_G
 ClientSampleId :

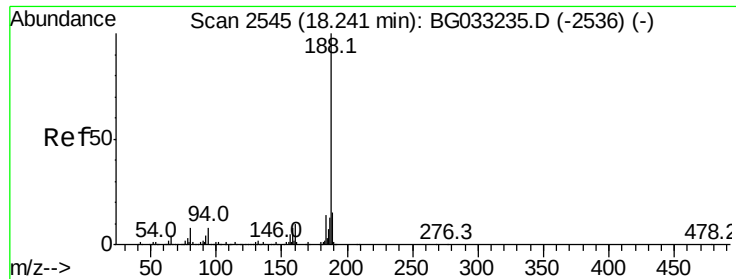
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.7	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.760 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033653.D
 Acq: 7 Apr 2018 6:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.7	66.9	100.3#
182	0.0	2.6	3.8#

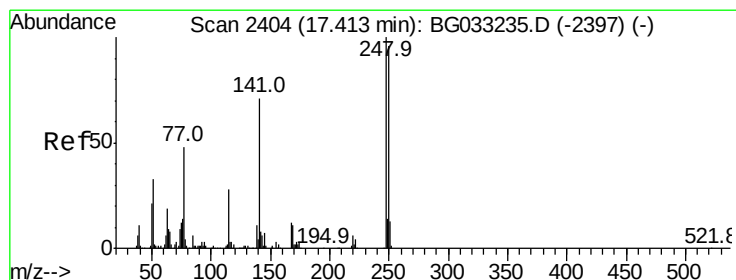
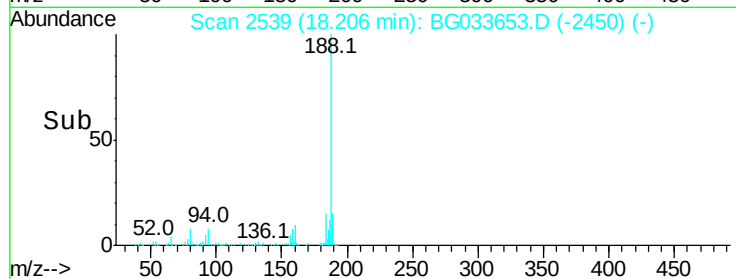
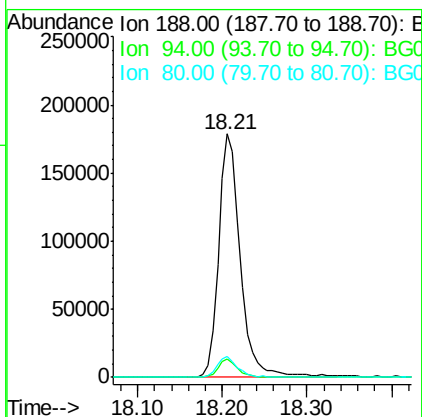
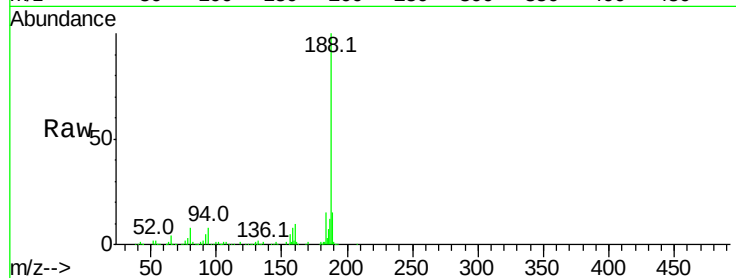




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033653.D
 Acq: 7 Apr 2018 6:47

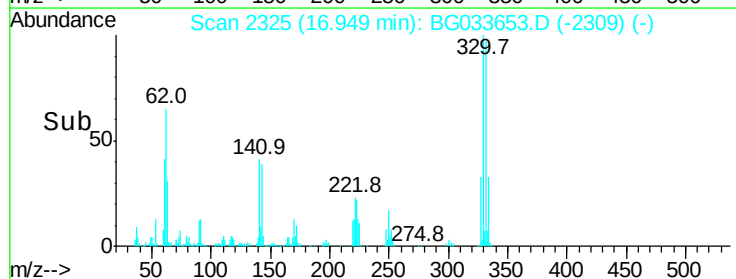
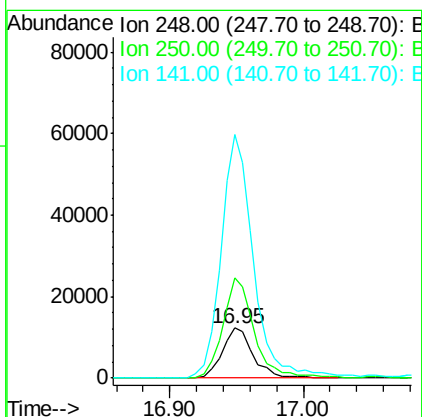
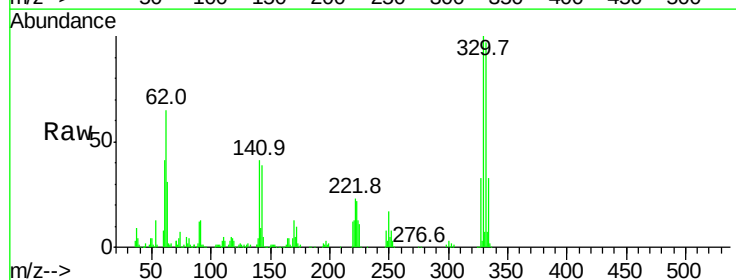
Instrument :
 BNA_G
 ClientSampled :

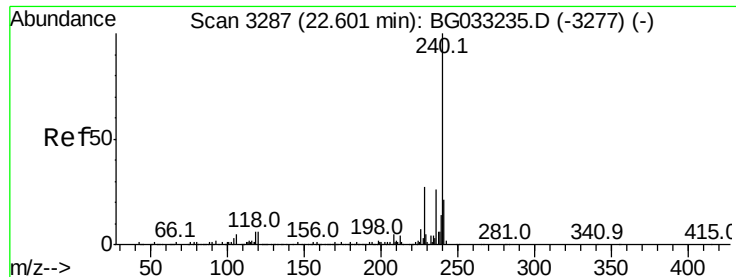
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.4	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 5.391 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.43 min
 Lab File: BG033653.D
 Acq: 7 Apr 2018 6:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	202.3	77.1	115.7#
141	488.5	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033653.D

Acq: 7 Apr 2018 6:47

Instrument :

BNA_G

ClientSampleId :

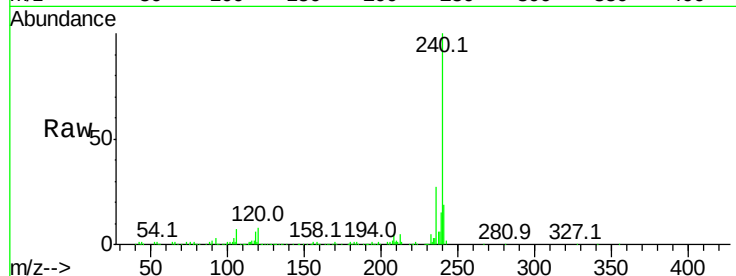
Tot Ion:240 Resp: 323265

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

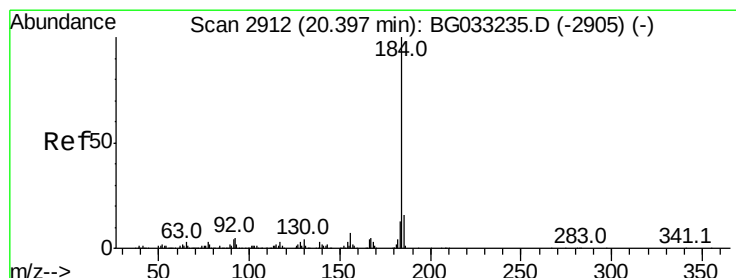
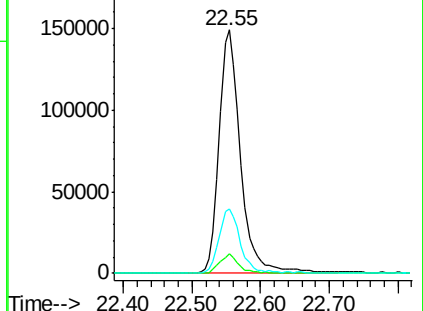
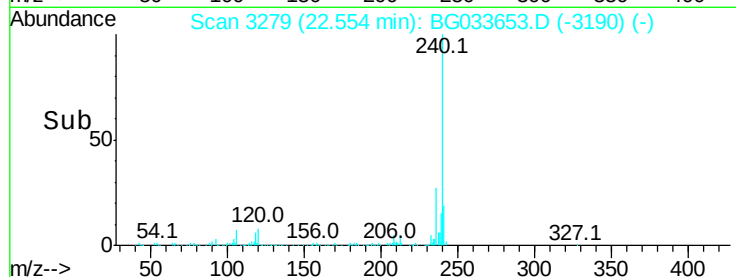
236 26.5 20.9 31.3



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: 3.160 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033653.D

Acq: 7 Apr 2018 6:47

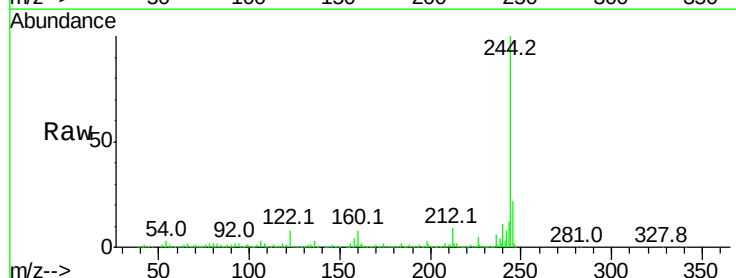
Tgt Ion:184 Resp: 27702

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

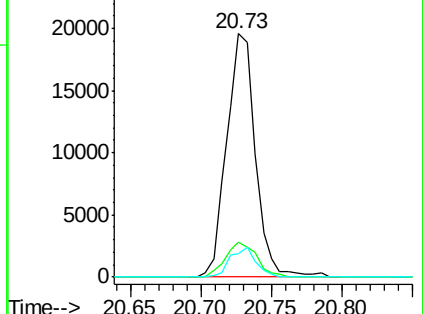
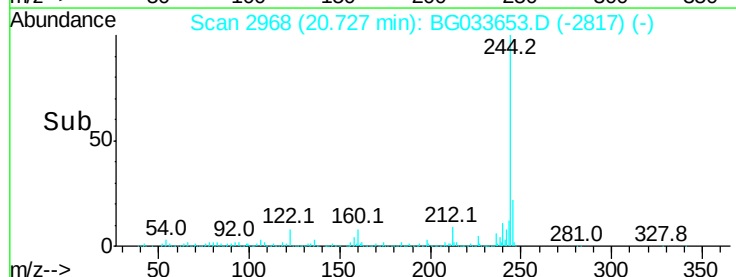
183 9.6 10.6 16.0#

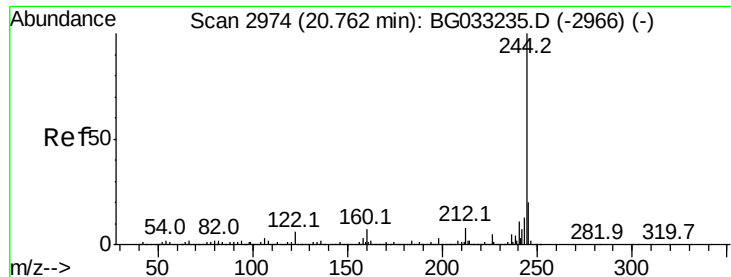


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 104.725 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033653.D

Acq: 7 Apr 2018 6:47

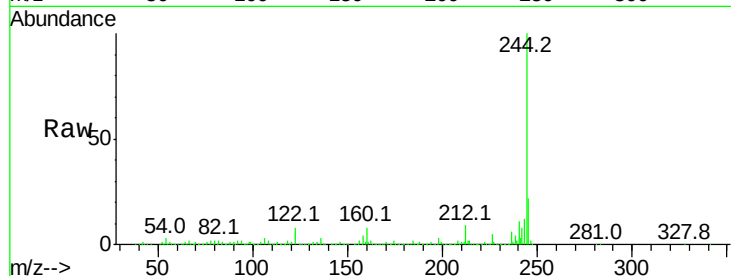
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1582988

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	8.3	7.0	10.4

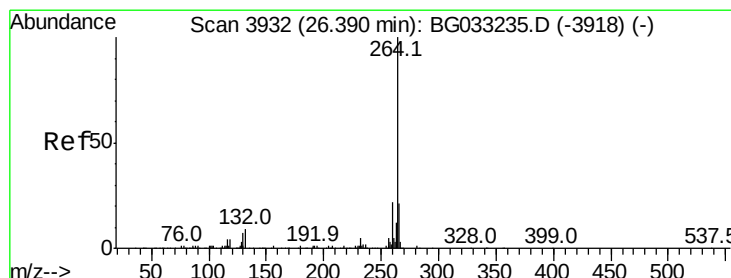
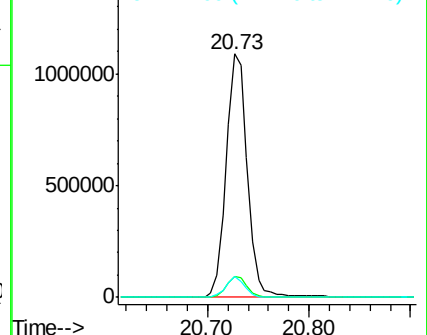
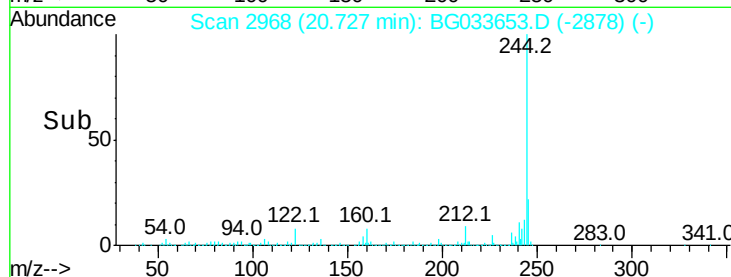


Abundance

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

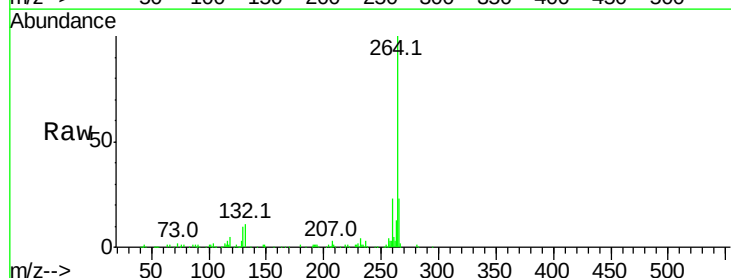
Delta R.T. 0.00 min

Lab File: BG033653.D

Acq: 7 Apr 2018 6:47

Tgt Ion:264 Resp: 307222

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	22.8	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

