

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033611.D
 Acq On : 6 Apr 2018 3:06
 Operator : SJ/JU
 Sample : J2212-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 06 04:09:44 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

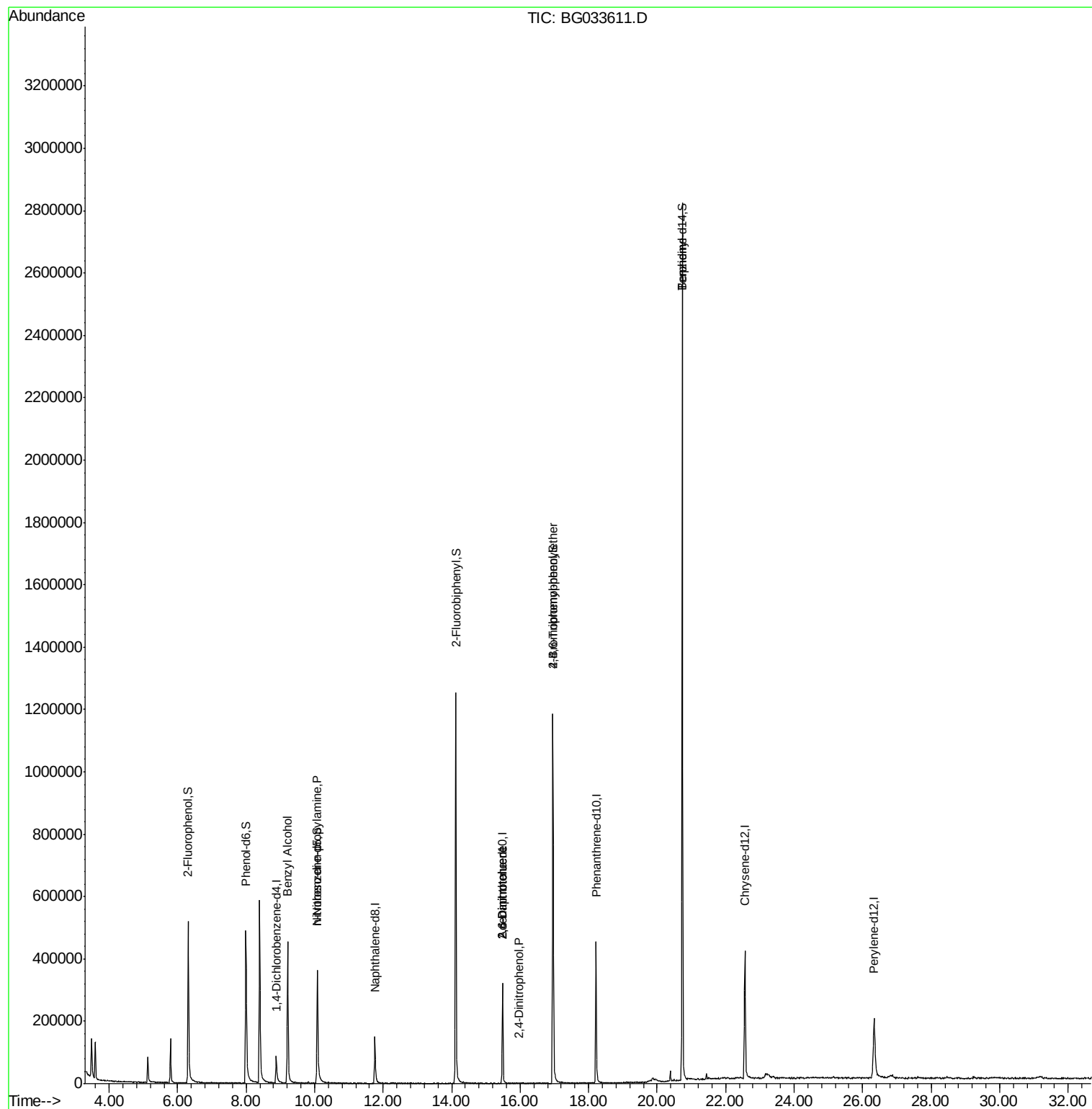
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	30574	20.00	ng	0.02
21) Naphthalene-d8	11.76	136	141664	20.00	ng	0.02
38) Acenaphthene-d10	15.49	164	119213	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	318685	20.00	ng	0.00
75) Chrysene-d12	22.56	240	313172	20.00	ng	0.00
86) Perylene-d12	26.33	264	294711	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	253384	155.40	ng	0.02
7) Phenol-d6	7.99	99	356601	127.29	ng	0.02
23) Nitrobenzene-d5	10.08	82	293289	95.12	ng	0.02
41) 2,4,6-Tribromophenol	16.96	330	223671	125.45	ng	0.00
44) 2-Fluorobiphenyl	14.12	172	739694	89.57	ng	0.02
78) Terphenyl-d14	20.74	244	1439221	98.28	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.22	79	5083	2.304	ng	# 40
19) n-Nitroso-di-n-propylamine	10.08	70	40156	19.561	ng	# 75
50) 2,6-Dinitrotoluene	15.49	165	15437	7.277	ng	# 21
53) 2,4-Dinitrophenol	15.97	184	75	7.705	ng	# 1
56) 2,4-Dinitrotoluene	15.49	165	15437	4.942	ng	# 18
66) 4-Bromophenyl-phenylether	16.96	248	18722	5.002	ng	# 1
76) Benzidine	20.74	184	24970	2.940	ng	96

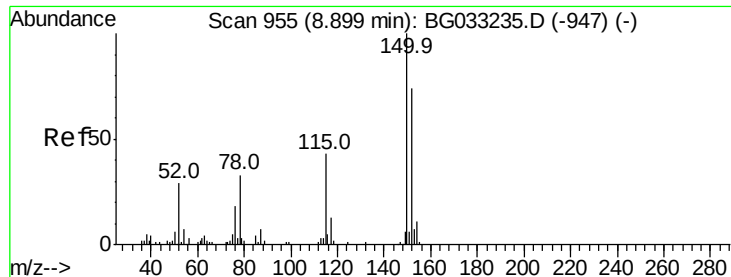
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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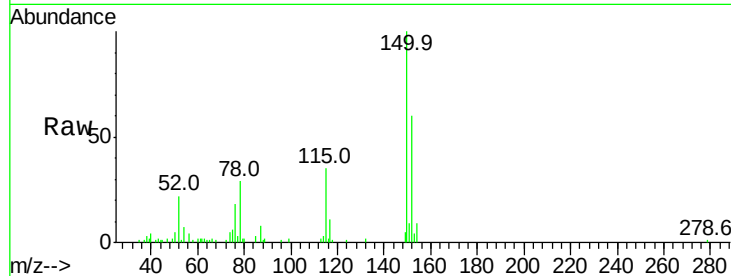


#1

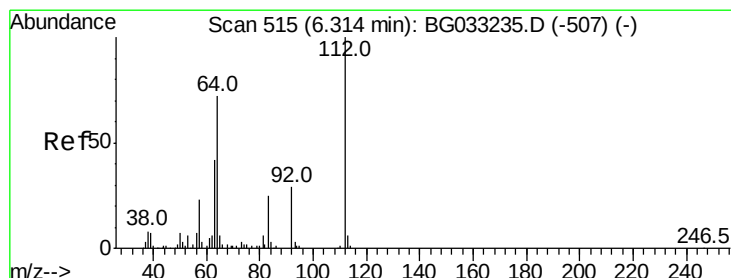
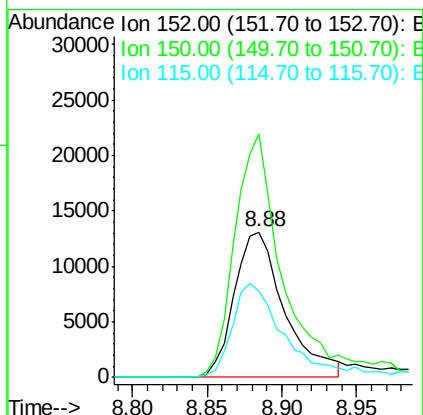
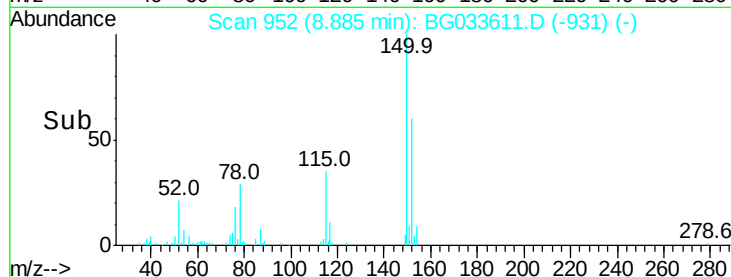
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.02 min
Lab File: BG033611.D
Acq: 6 Apr 2018 3:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30574
Ion Ratio Lower Upper
152 100
150 167.3 126.6 189.8
115 59.1 53.0 79.4



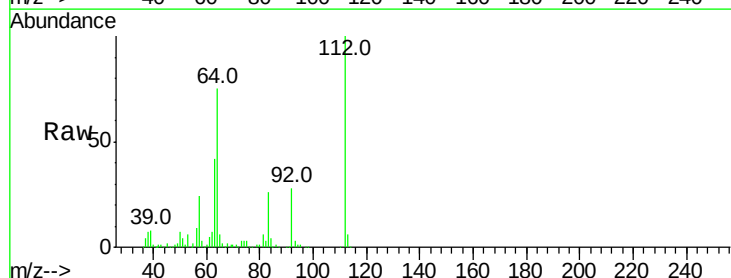
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



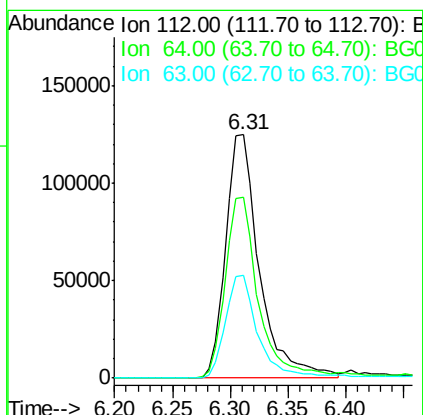
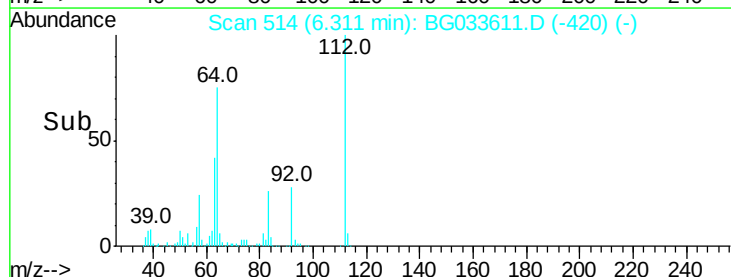
#5

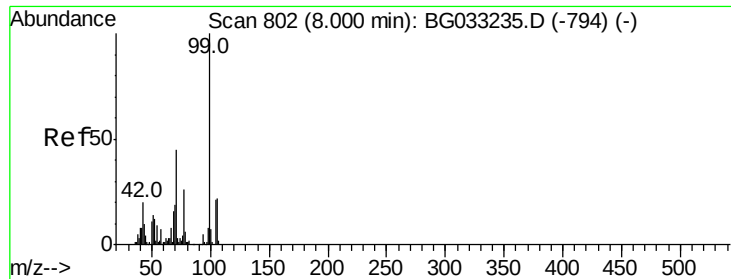
2-Fluorophenol
Concen: 155.402 ng
RT: 6.31 min Scan# 514
Delta R.T. 0.02 min
Lab File: BG033611.D
Acq: 6 Apr 2018 3:06

Tgt Ion:112 Resp: 253384
Ion Ratio Lower Upper
112 100
64 74.5 56.3 84.5
63 42.1 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: 127.287 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.02 min

Lab File: BG033611.D

Acq: 6 Apr 2018 3:06

Instrument :

BNA_G

ClientSampleId :

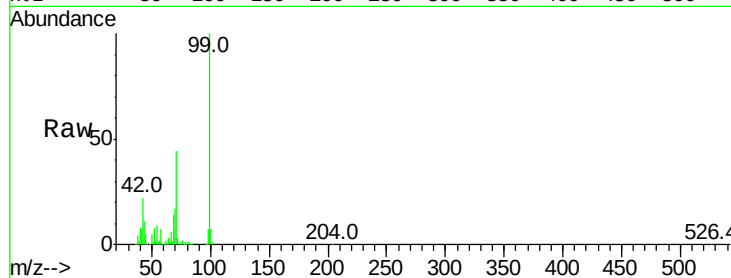
Tot Ion: 99 Resp: 356601

Ion Ratio Lower Upper

99 100

42 21.6 14.1 21.1#

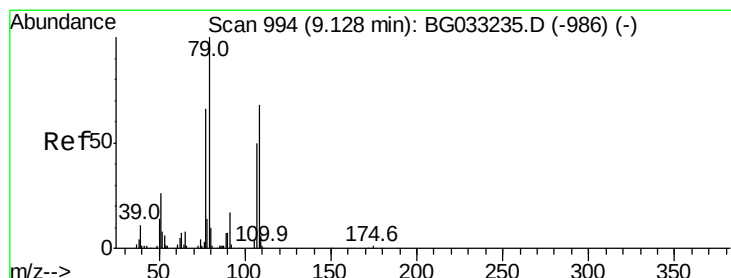
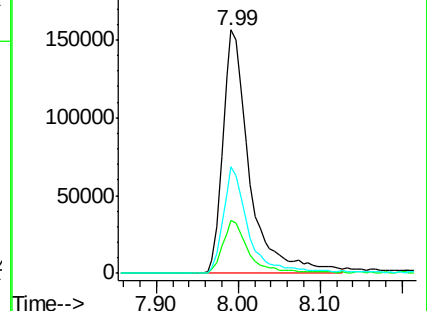
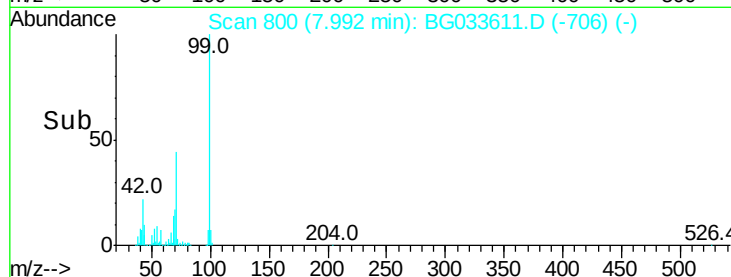
71 43.6 26.1 39.1#



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: 2.304 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.12 min

Lab File: BG033611.D

Acq: 6 Apr 2018 3:06

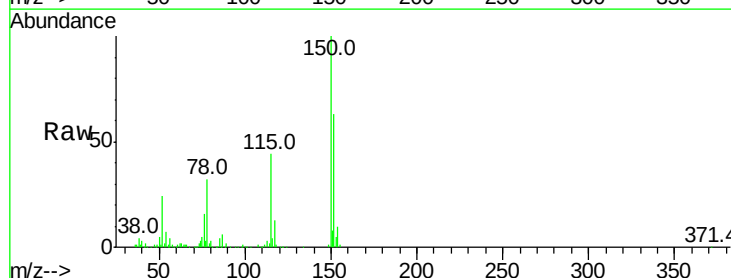
Tgt Ion: 79 Resp: 5083

Ion Ratio Lower Upper

79 100

108 21.3 57.2 85.8#

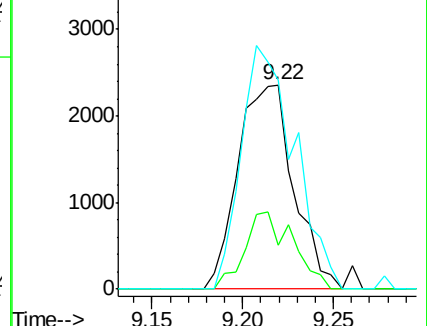
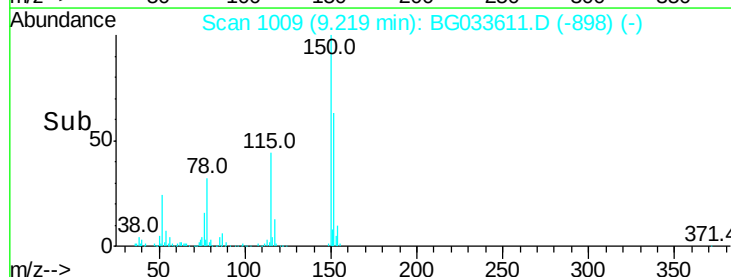
77 102.0 46.1 69.1#

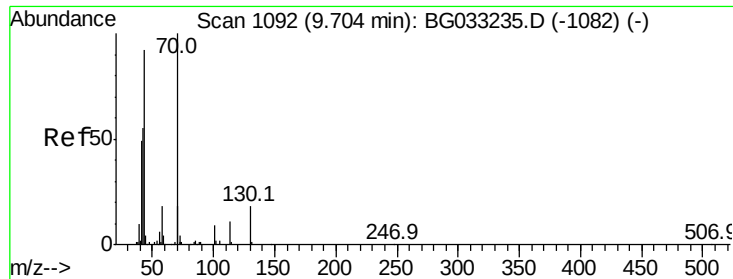


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

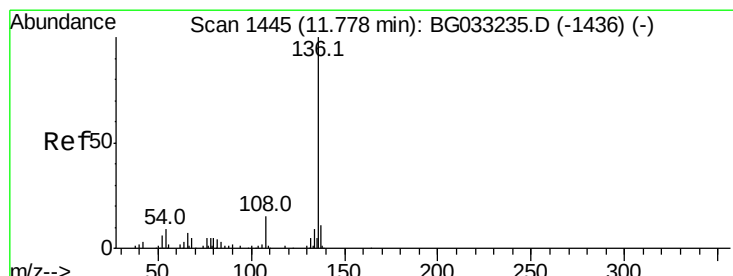
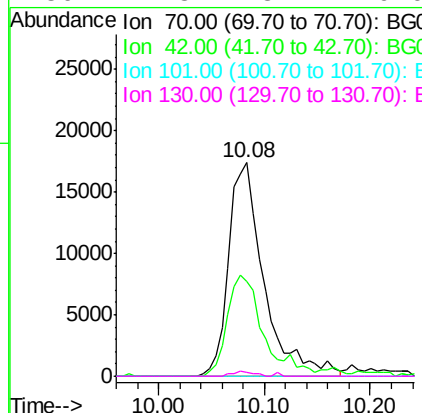
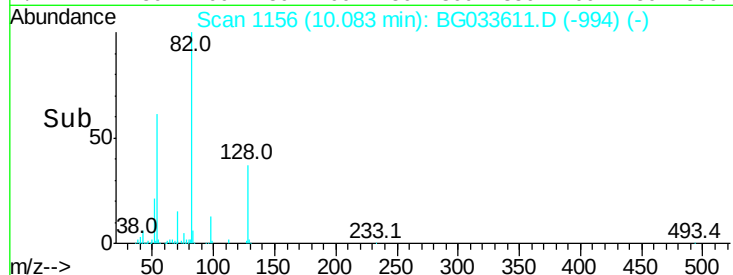
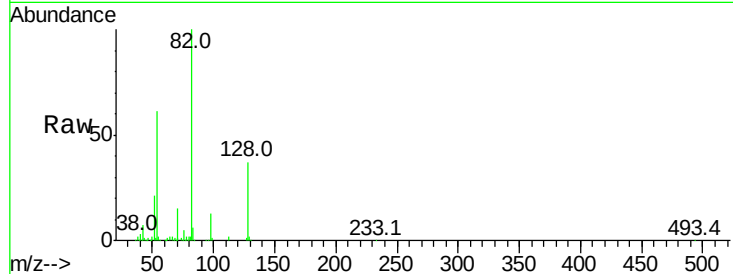




#19
n-Nitroso-di-n-propylamine
Concen: 19.561 ng
RT: 10.08 min Scan# 1156
Delta R.T. 0.42 min
Lab File: BG033611.D
Acq: 6 Apr 2018 3:06

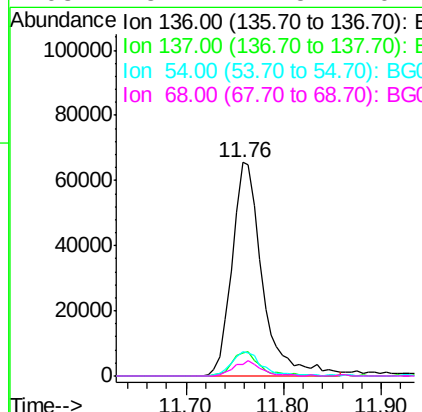
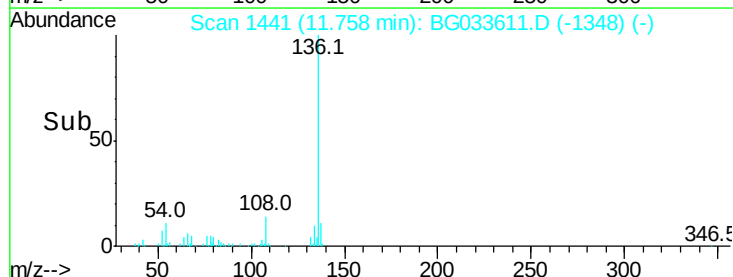
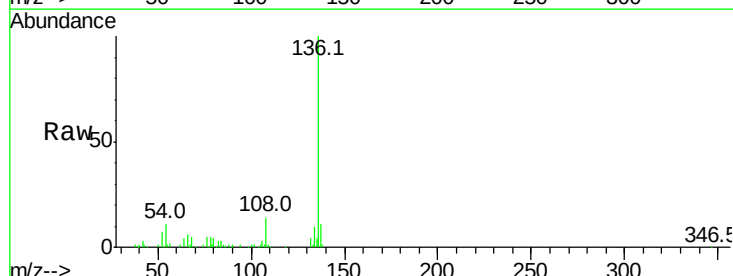
Instrument :
BNA_G
ClientSampleId :

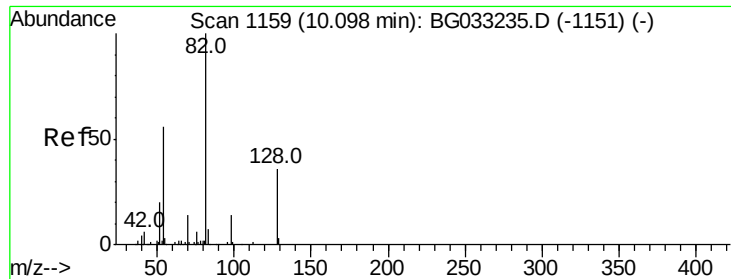
Tot Ion: 70 Resp: 40156
Ion Ratio Lower Upper
70 100
42 44.6 49.1 73.7#
101 0.0 8.5 12.7#
130 1.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.76 min Scan# 1441
Delta R.T. 0.02 min
Lab File: BG033611.D
Acq: 6 Apr 2018 3:06

Tgt Ion: 136 Resp: 141664
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 11.1 10.3 15.5
68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 95.119 ng

RT: 10.08 min Scan# 1155

Delta R.T. 0.02 min

Lab File: BG033611.D

Acq: 6 Apr 2018 3:06

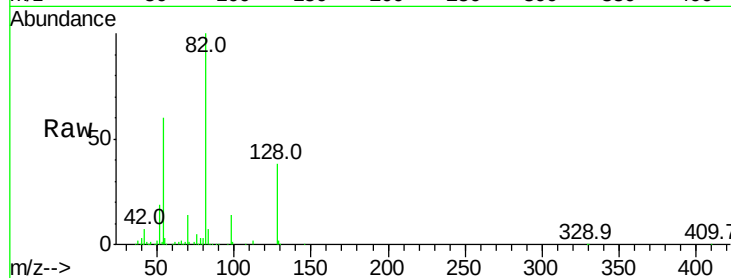
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 82 Resp: 293289

Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.7	44.5
54	59.8	43.1	64.7



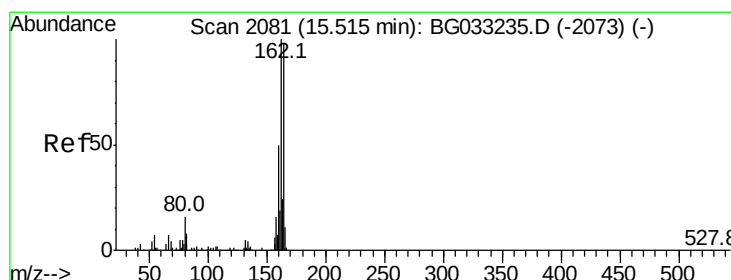
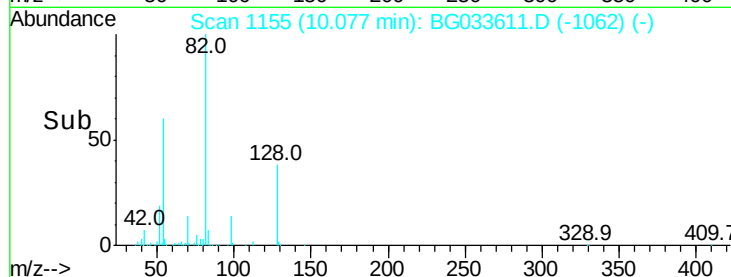
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

10.08

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.49 min Scan# 2076

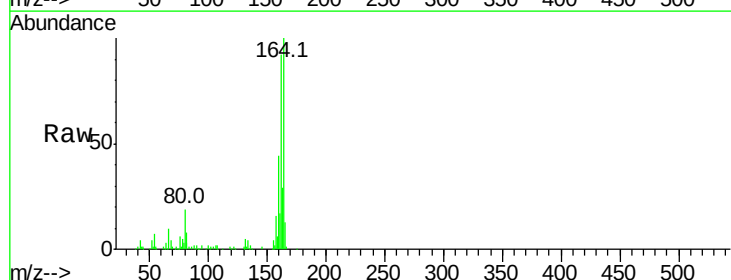
Delta R.T. 0.01 min

Lab File: BG033611.D

Acq: 6 Apr 2018 3:06

Tgt Ion: 164 Resp: 119213

Ion	Ratio	Lower	Upper
164	100		
162	92.4	78.8	118.2
160	43.5	35.4	53.0



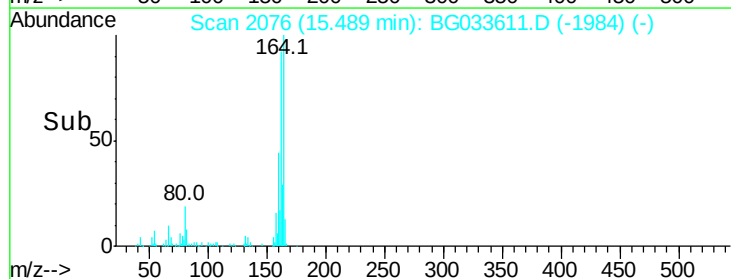
Abundance Ion 164.00 (163.70 to 164.70): BGC

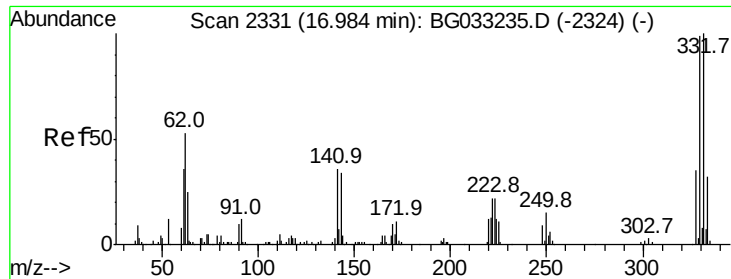
Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

15.49

Time-->

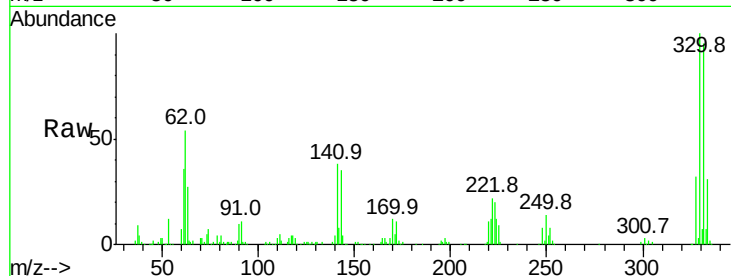




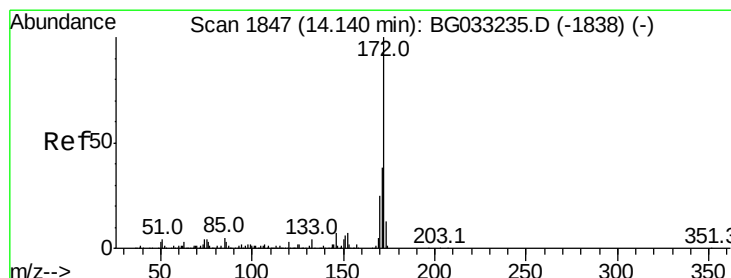
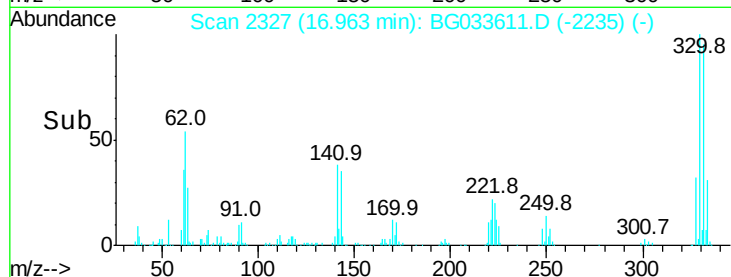
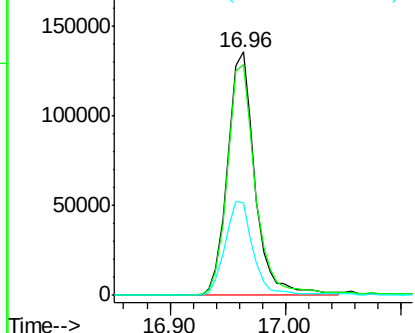
#41
 2,4,6-Tribromophenol
 Concen: 125.449 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.01 min
 Lab File: BG033611.D
 Acq: 6 Apr 2018 3:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 223671
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 40.2 25.2 37.8#

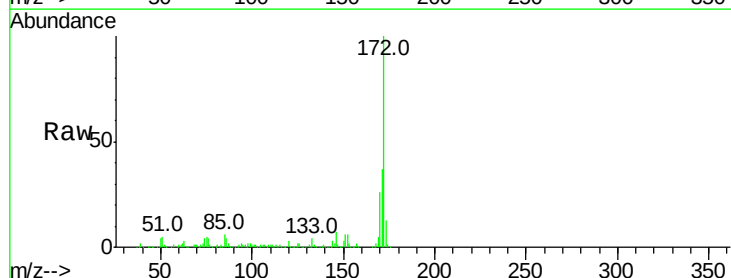


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

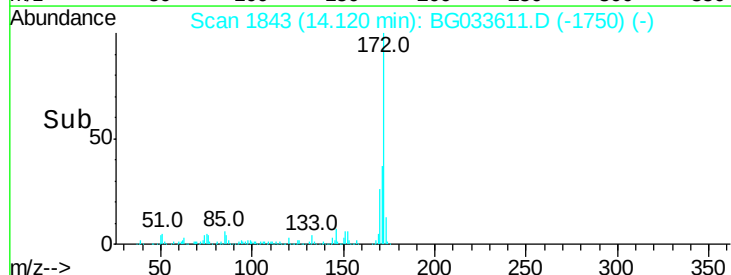
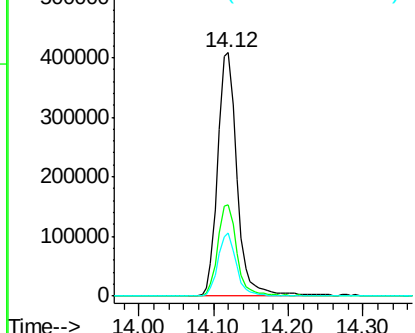


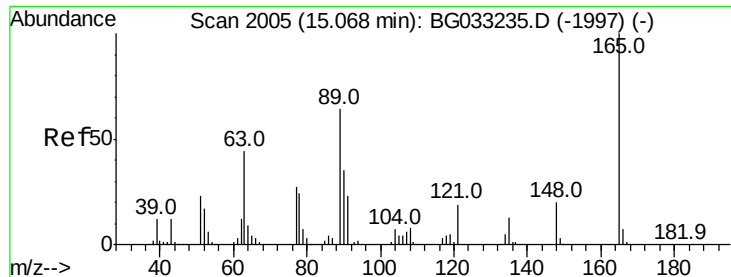
#44
 2-Fluorobiphenyl
 Concen: 89.575 ng
 RT: 14.12 min Scan# 1843
 Delta R.T. 0.02 min
 Lab File: BG033611.D
 Acq: 6 Apr 2018 3:06

Tgt Ion:172 Resp: 739694
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 25.8 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





#50

2,6-Dinitrotoluene

Concen: 7.277 ng

RT: 15.49 min Scan# 2076

Delta R.T. 0.45 min

Lab File: BG033611.D

Acq: 6 Apr 2018 3:06

Instrument :

BNA_G

ClientSampleId :

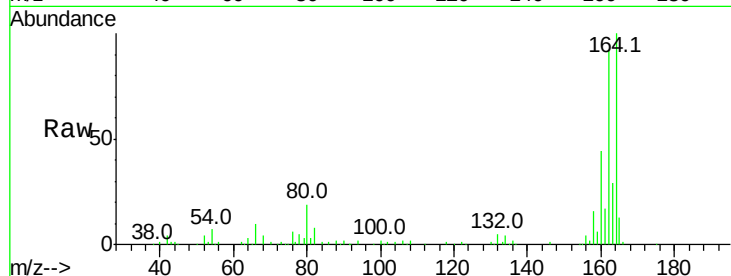
Tot Ion:165 Resp: 15437

Ion Ratio Lower Upper

165 100

63 2.1 52.7 79.1#

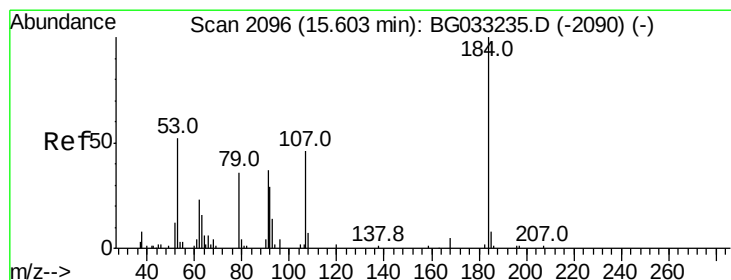
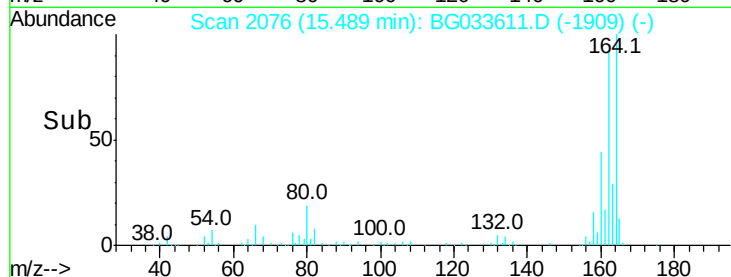
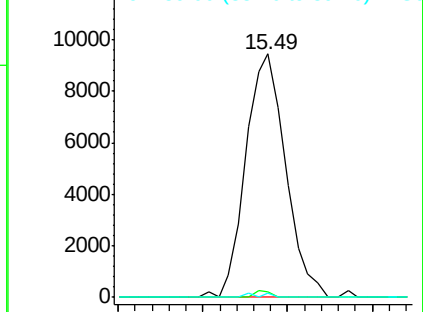
89 1.6 49.2 73.8#



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



#53

2,4-Dinitrophenol

Concen: 7.705 ng

RT: 15.97 min Scan# 2158

Delta R.T. 0.39 min

Lab File: BG033611.D

Acq: 6 Apr 2018 3:06

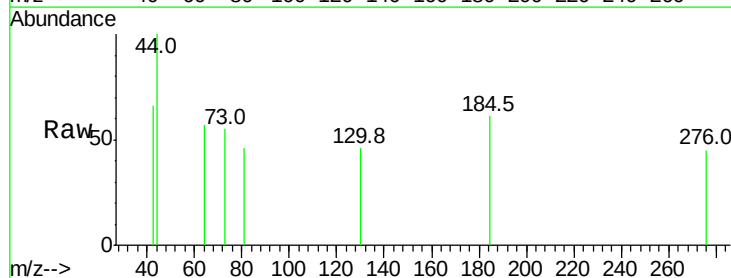
Tgt Ion:184 Resp: 75

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

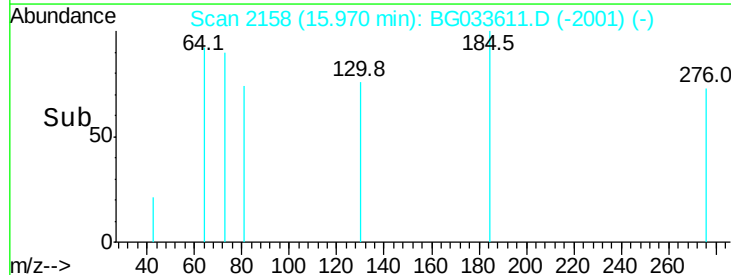
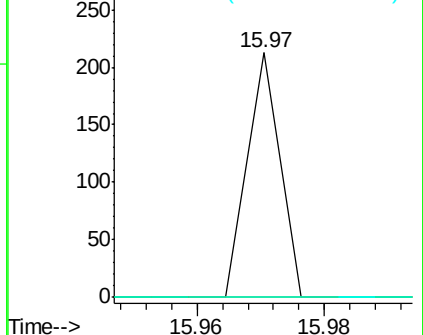
154 0.0 101.8 152.8#

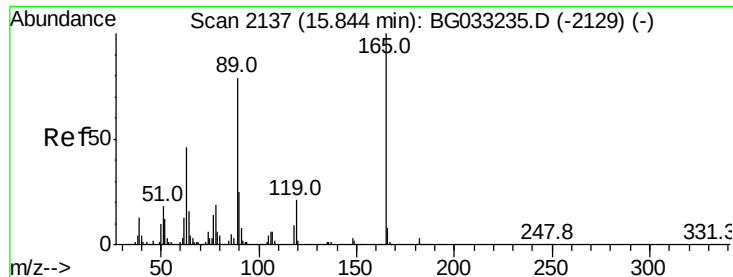


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

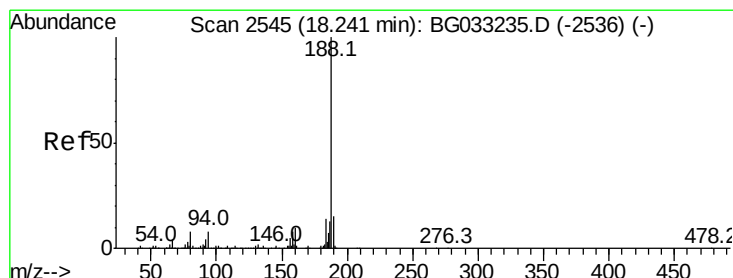
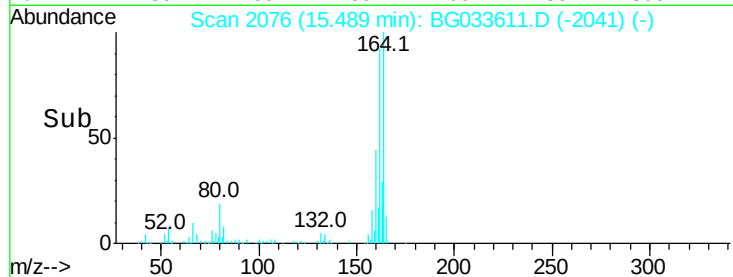
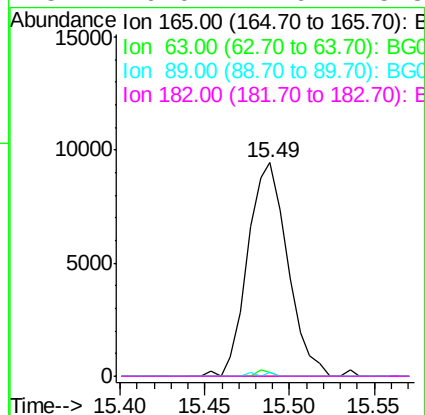
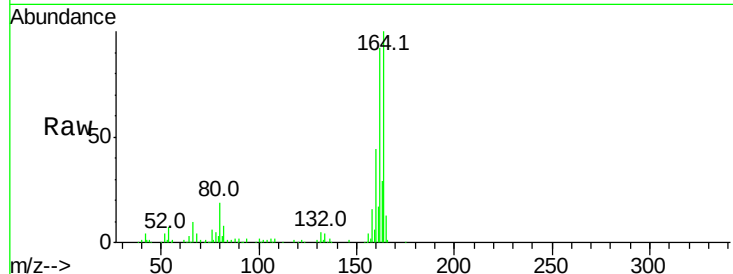




#56
 2,4-Dinitrotoluene
 Concen: 4.942 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.33 min
 Lab File: BG033611.D
 Acq: 6 Apr 2018 3:06

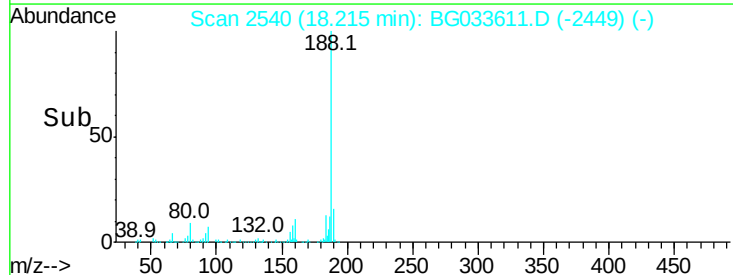
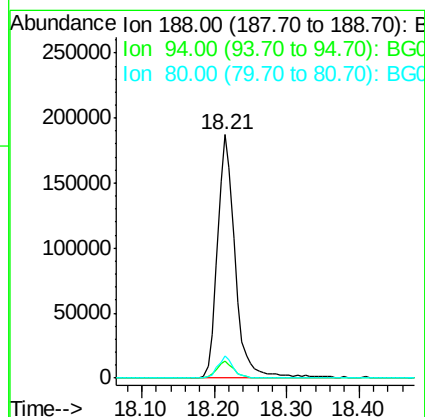
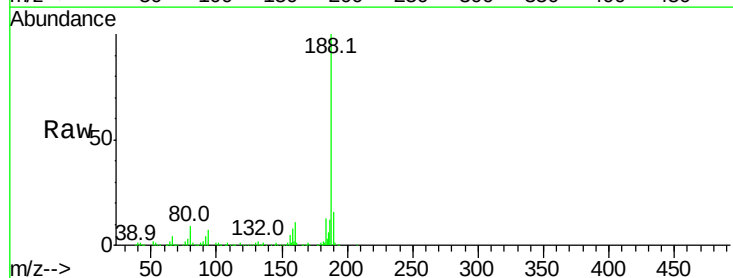
Instrument :
 BNA_G
 ClientSampleId :

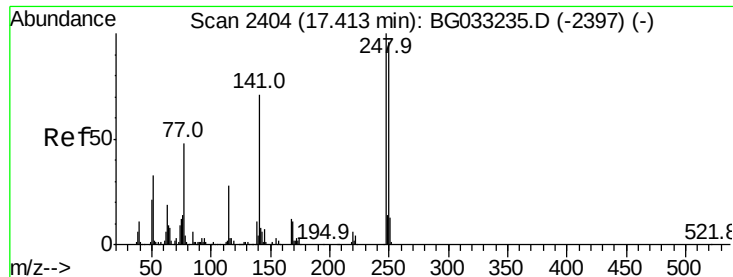
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	42.0	63.0#
89	1.6	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. 0.00 min
 Lab File: BG033611.D
 Acq: 6 Apr 2018 3:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	9.2	7.7	11.5

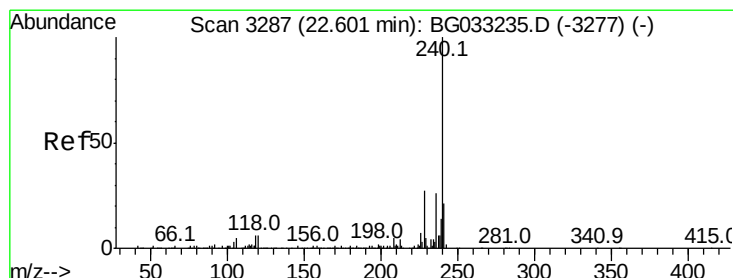
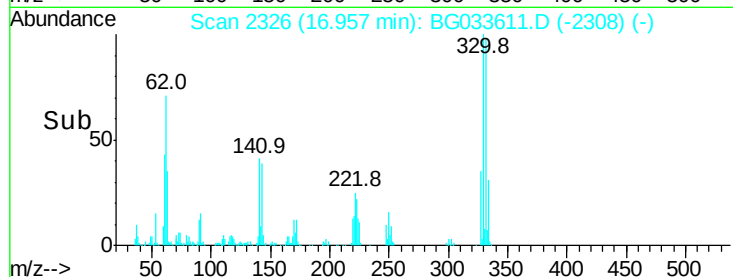
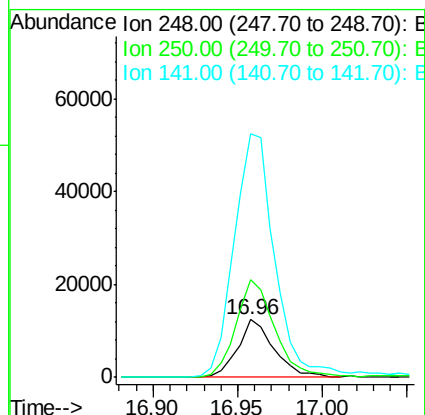
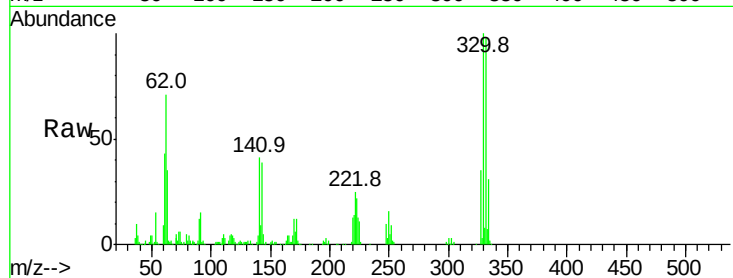




#66
 4-Bromophenyl-phenylether
 Concen: 5.002 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033611.D
 Acq: 6 Apr 2018 3:06

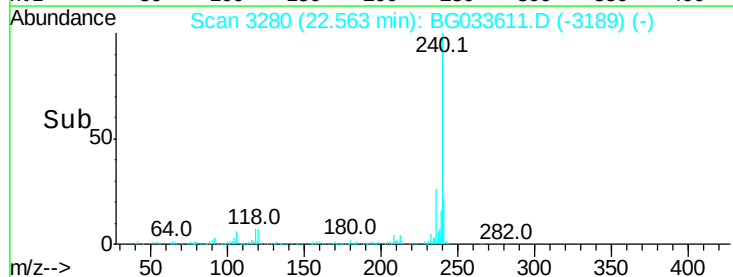
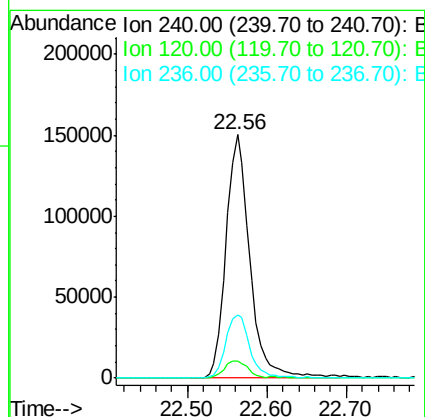
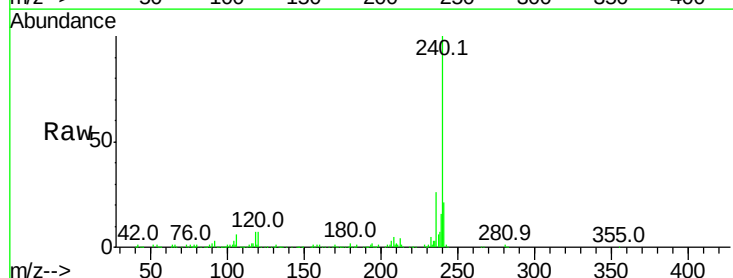
Instrument :
 BNA_G
 ClientSampleId :

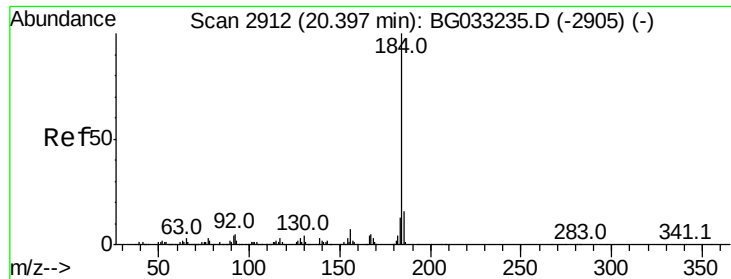
Tot Ion:248 Resp: 18722
 Ion Ratio Lower Upper
 248 100
 250 169.2 77.1 115.7#
 141 422.7 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3280
 Delta R.T. 0.00 min
 Lab File: BG033611.D
 Acq: 6 Apr 2018 3:06

Tgt Ion:240 Resp: 313172
 Ion Ratio Lower Upper
 240 100
 120 6.9 6.8 10.2
 236 26.1 20.9 31.3

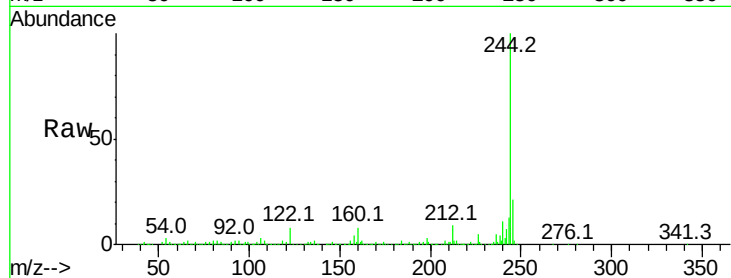




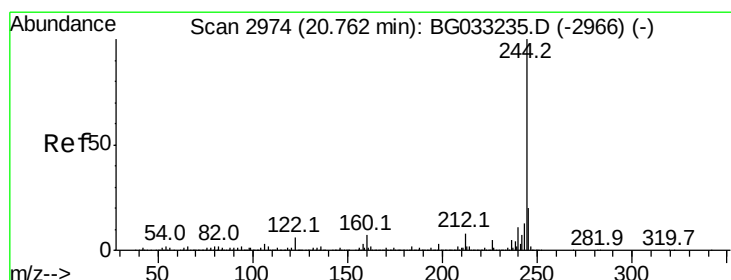
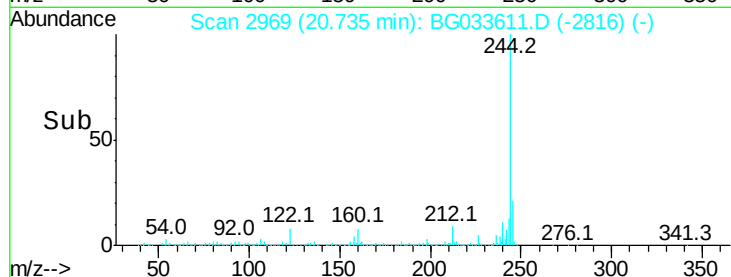
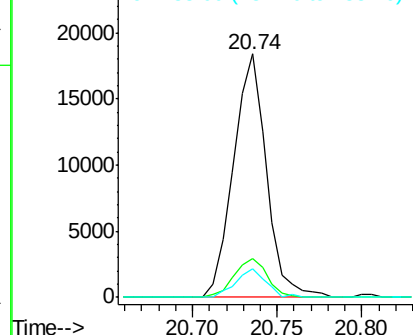
#76
Benzidine
Concen: 2.940 ng
RT: 20.74 min Scan# 2969
Delta R.T. 0.37 min
Lab File: BG033611.D
Acq: 6 Apr 2018 3:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 24970
Ion Ratio Lower Upper
184 100
185 15.8 11.1 16.7
183 11.8 10.6 16.0

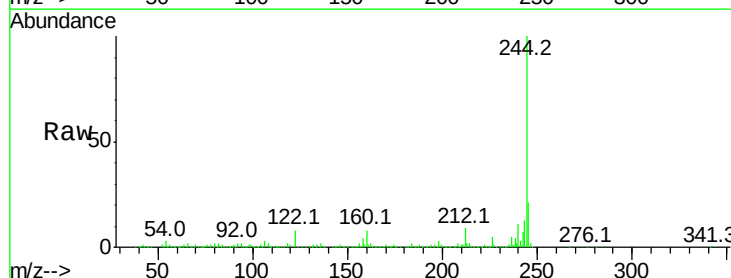


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

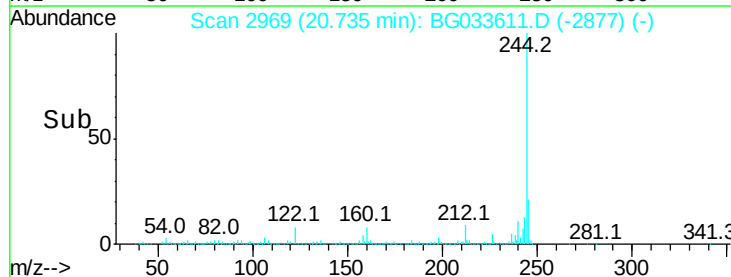
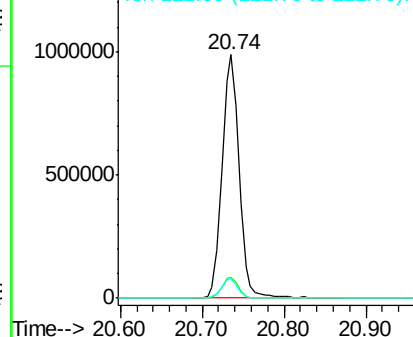


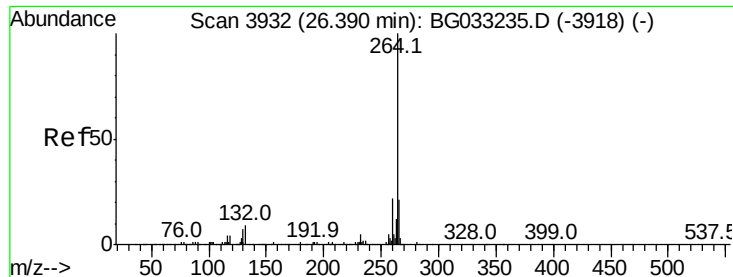
#78
Terphenyl-d14
Concen: 98.282 ng
RT: 20.74 min Scan# 2969
Delta R.T. 0.01 min
Lab File: BG033611.D
Acq: 6 Apr 2018 3:06

Tgt Ion:244 Resp: 1439221
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.8
122 7.8 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
Pervlene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. 0.02 min
Lab File: BG033611.D
Acq: 6 Apr 2018 3:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.4	26.0
265	21.8	17.7	26.5

