

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033578.D
 Acq On : 5 Apr 2018 3:49
 Operator : SJ/JU
 Sample : J2185-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

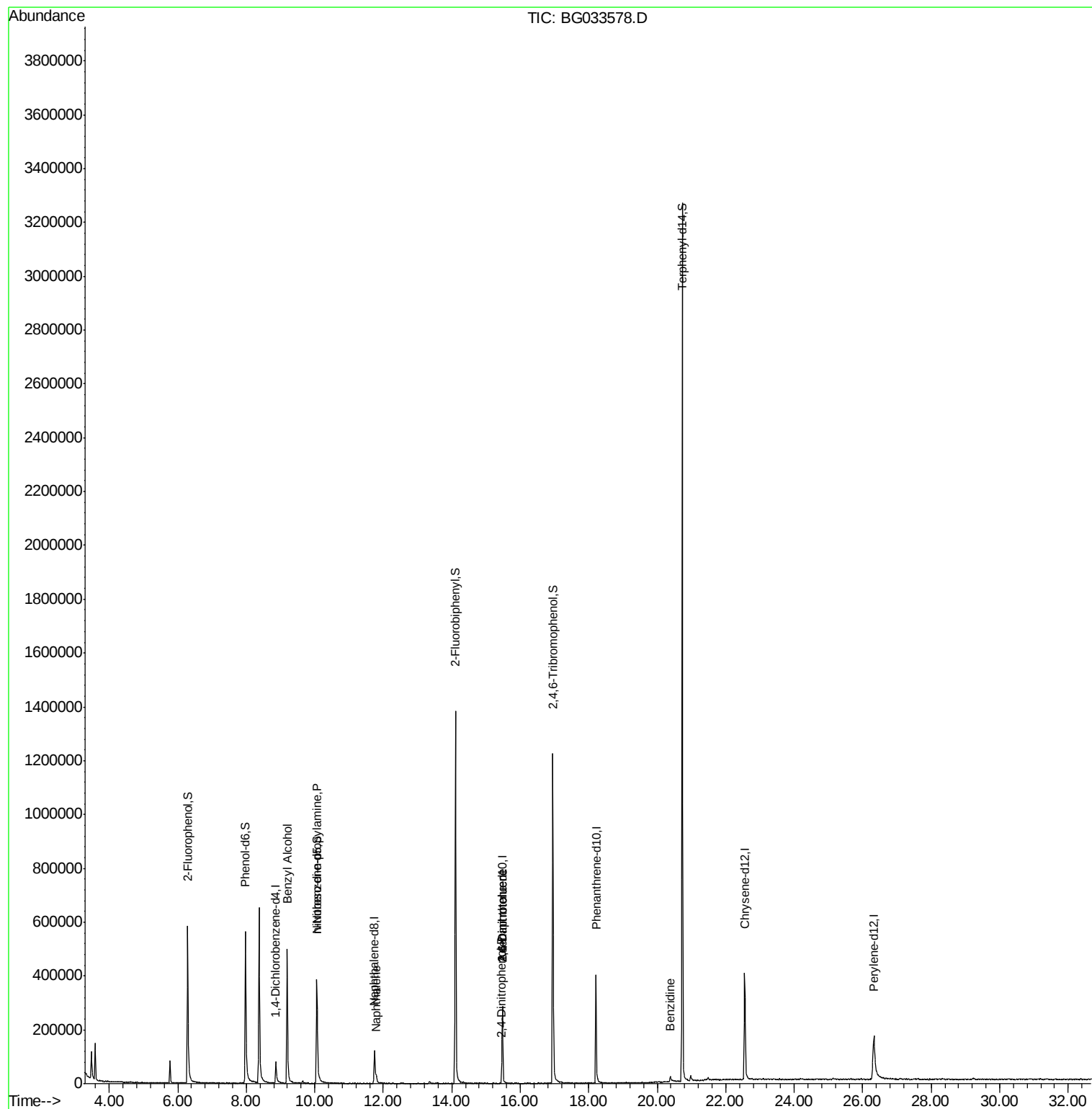
Quant Time: Apr 05 05:32:36 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29908	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	130614	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	104615	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	295140	20.00	ng	0.00
75) Chrysene-d12	22.56	240	310648	20.00	ng	0.00
86) Perylene-d12	26.33	264	279407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	284502	178.37	ng	0.00
7) Phenol-d6	7.98	99	407283	148.62	ng	0.00
23) Nitrobenzene-d5	10.06	82	323693	113.86	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	247067	157.91	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	790250	109.05	ng	0.00
78) Terphenyl-d14	20.73	244	1634861	112.55	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5682	2.633	ng	# 37
19) n-Nitroso-di-n-propylamine	10.06	70	42434	21.131	ng	# 79
31) Naphthalene	11.80	128	21645	3.198	ng	# 95
50) 2,6-Dinitrotoluene	15.48	165	13276	7.132	ng	# 18
53) 2,4-Dinitrophenol	15.44	184	54	7.694	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	13276	4.844	ng	# 16
76) Benzidine	20.38	184	18524	2.199	ng	# 93

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033578.D
Acq On : 5 Apr 2018 3:49
Operator : SJ/JU
Sample : J2185-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 05 05:32:36 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:35:46 2018
Response via : Initial Calibration

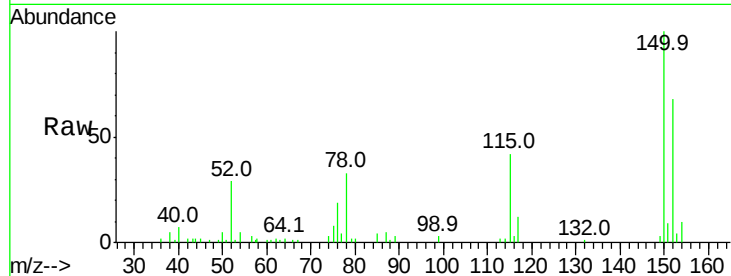




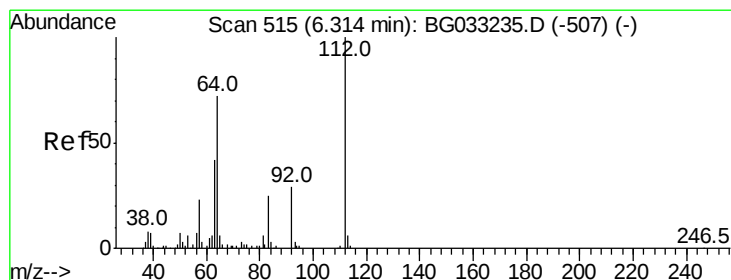
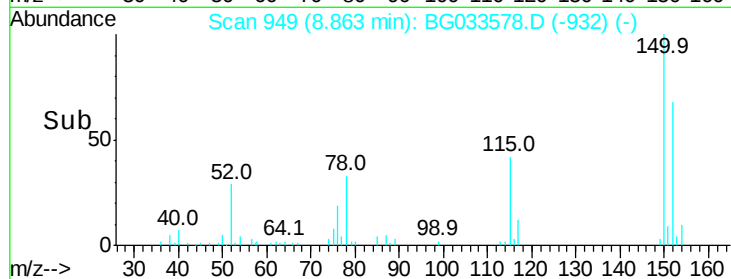
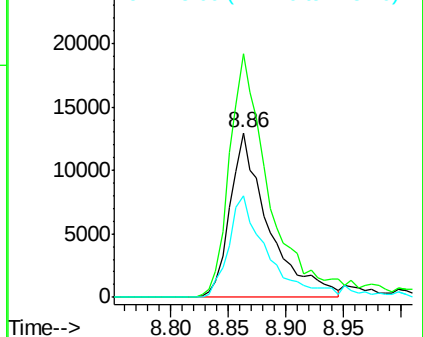
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033578.D
Acq: 5 Apr 2018 3:49

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	126.6	189.8
115	61.4	53.0	79.4



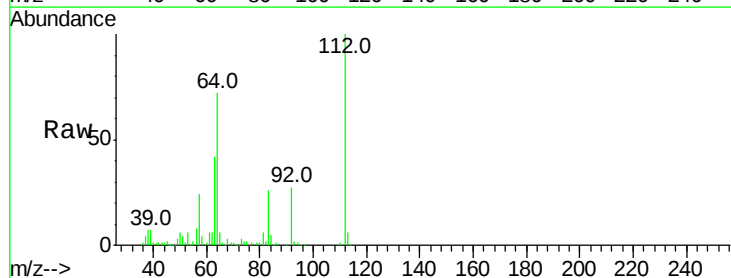
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



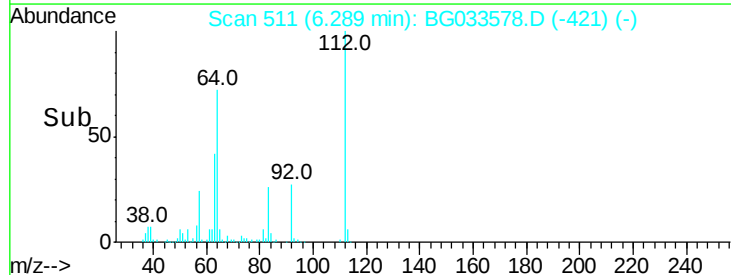
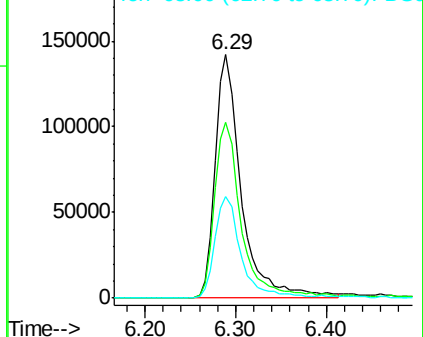
#5

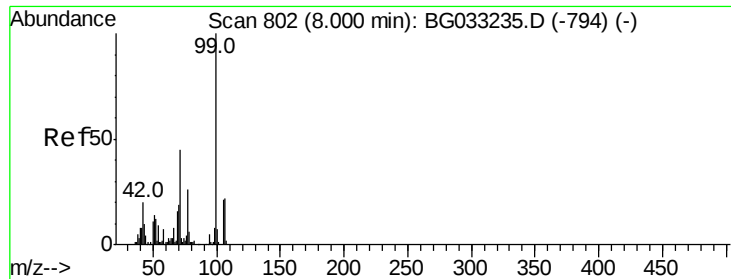
2-Fluorophenol
Concen: 178.372 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033578.D
Acq: 5 Apr 2018 3:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	56.3	84.5
63	42.0	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 148.615 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033578.D

Acq: 5 Apr 2018 3:49

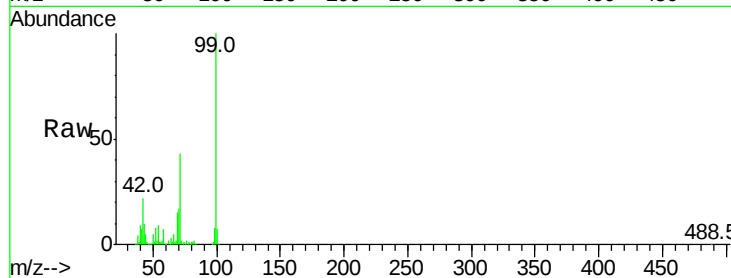
Tot Ion: 99 Resp: 407283

Ion Ratio Lower Upper

99 100

42 21.8 14.1 21.1#

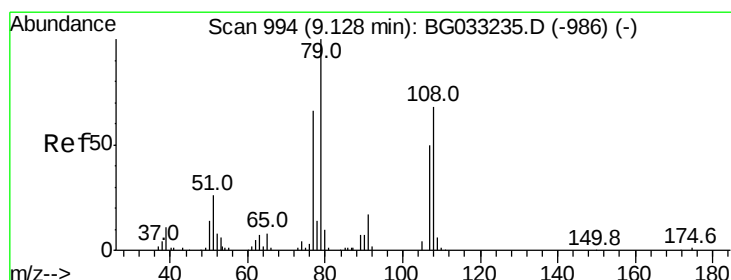
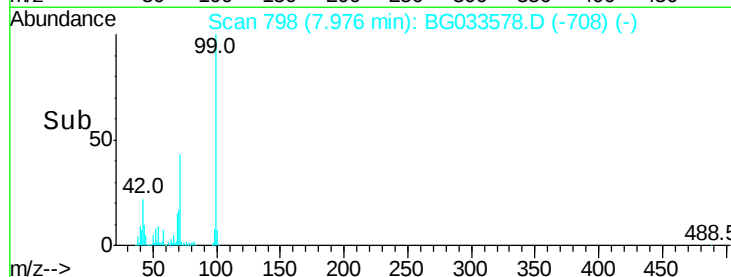
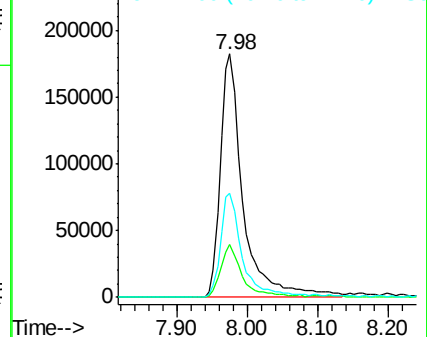
71 42.6 26.1 39.1#



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: 2.633 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.10 min

Lab File: BG033578.D

Acq: 5 Apr 2018 3:49

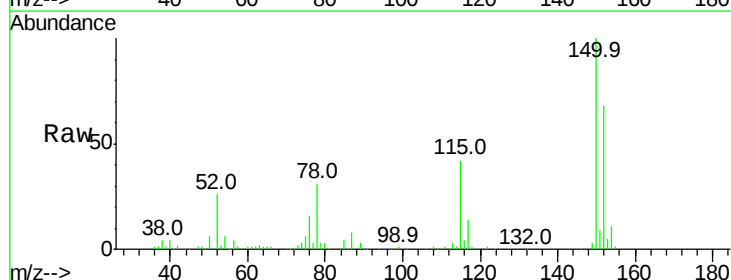
Tgt Ion: 79 Resp: 5682

Ion Ratio Lower Upper

79 100

108 29.7 57.2 85.8#

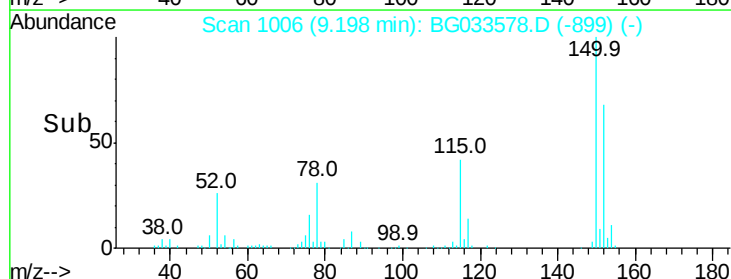
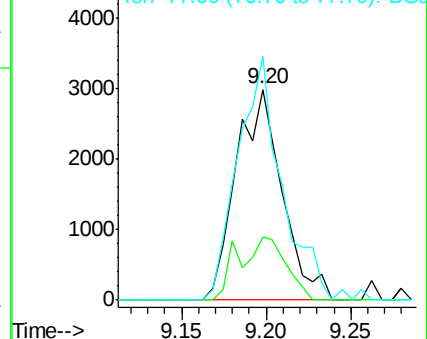
77 115.5 46.1 69.1#

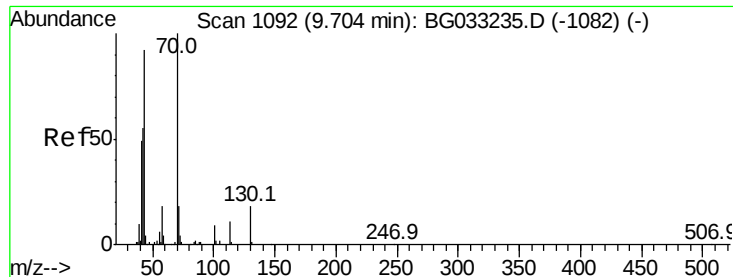


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

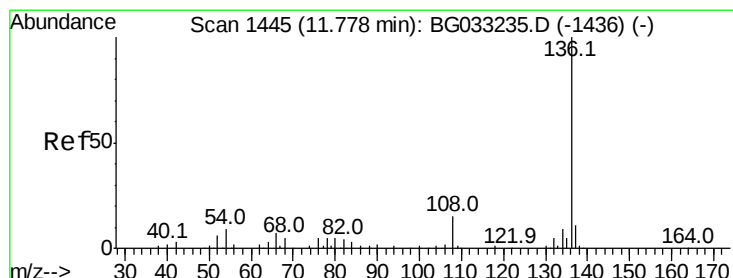
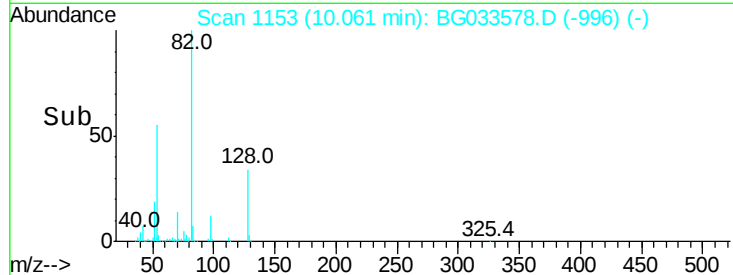
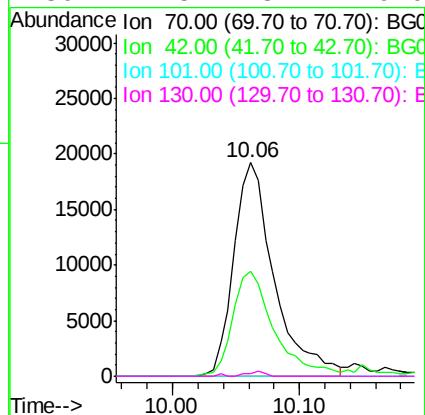
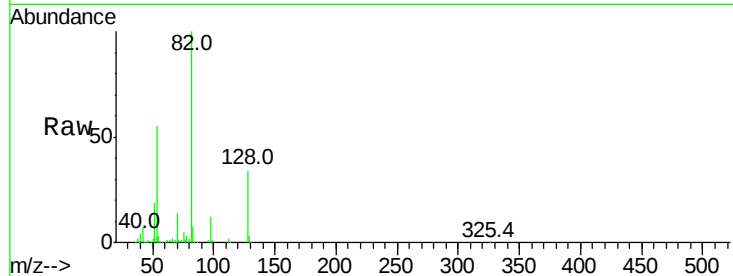
Ion 77.00 (76.70 to 77.70): BGC





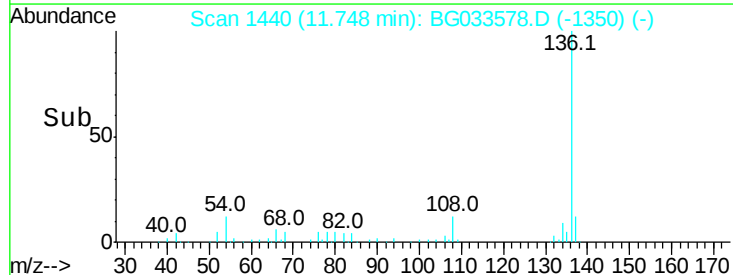
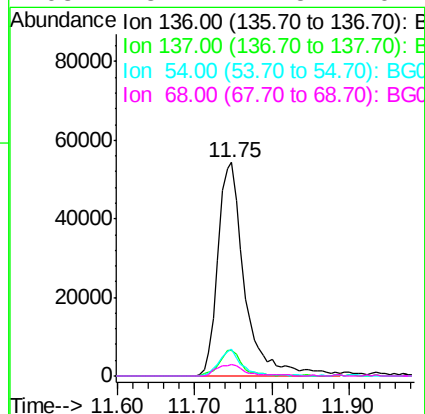
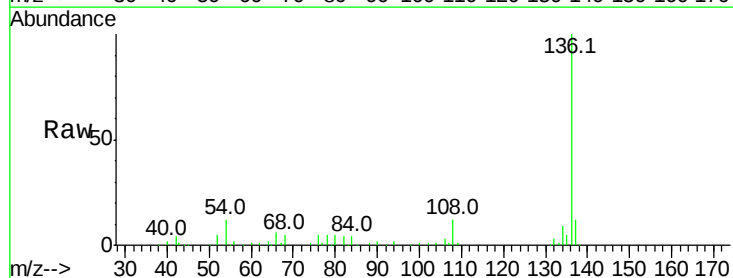
#19
n-Nitroso-di-n-propylamine
Concen: 21.131 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033578.D
Acq: 5 Apr 2018 3:49

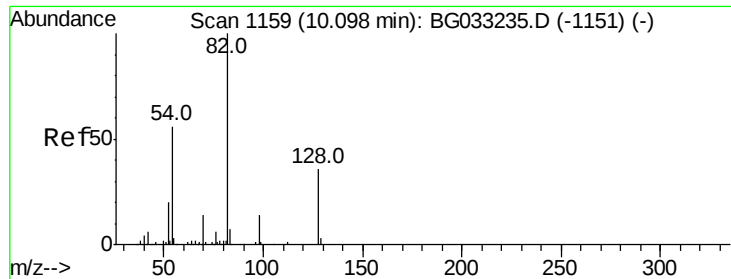
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.3	49.1	73.7	
101	0.0	8.5	12.7	#
130	1.5	13.4	20.0	#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG033578.D
Acq: 5 Apr 2018 3:49

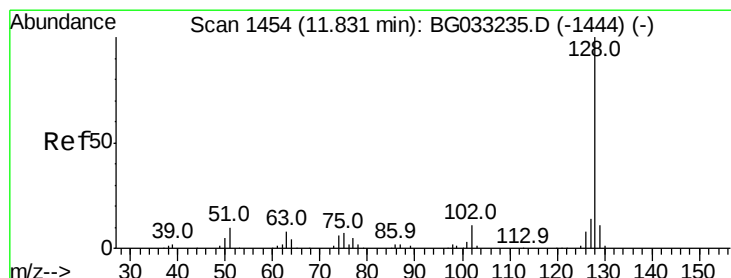
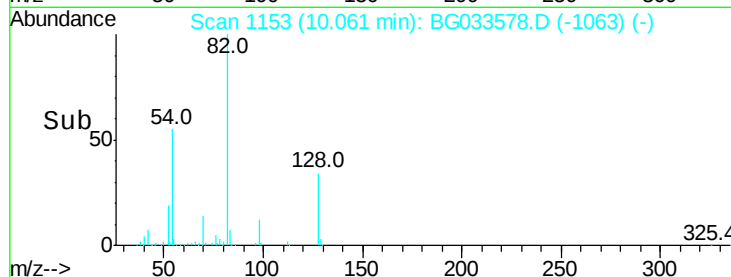
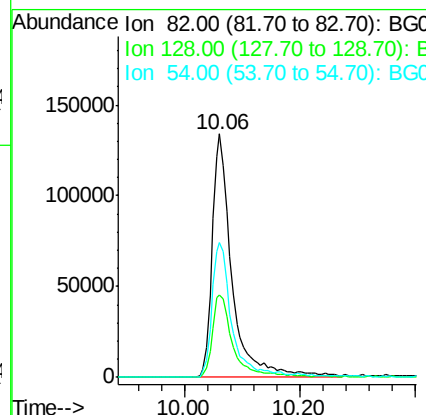
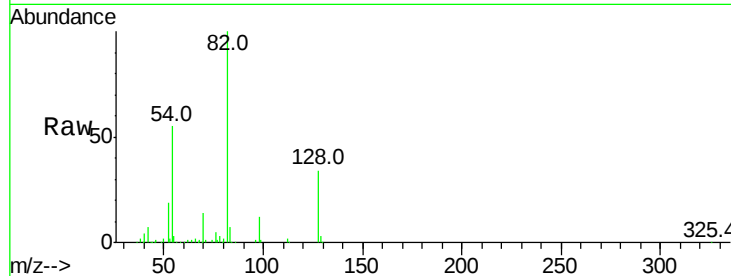
Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	12.0	9.2	13.8	
54	12.3	10.3	15.5	
68	5.1	4.5	6.7	





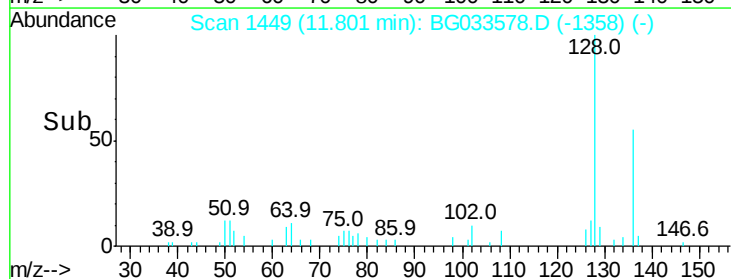
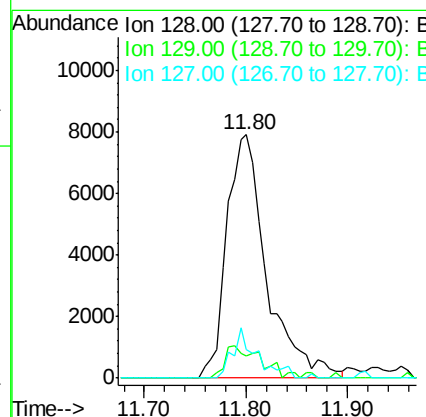
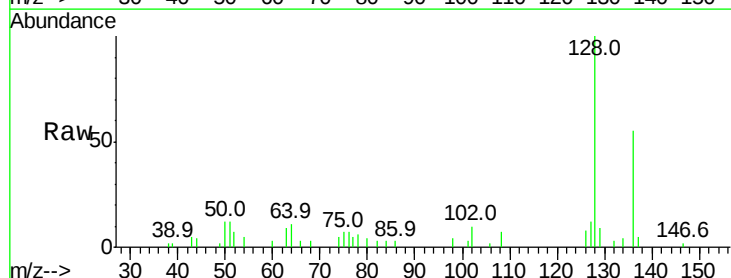
#23
 Nitrobenzene-d5
 Concen: 113.860 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033578.D
 Acq: 5 Apr 2018 3:49

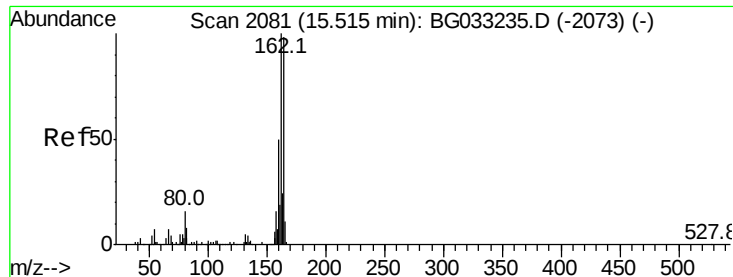
Tot Ion	82	Resp	323693
Ion	Ratio	Lower	Upper
82	100		
128	33.8	29.7	44.5
54	55.5	43.1	64.7



#31
 Naphthalene
 Concen: 3.198 ng
 RT: 11.80 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BG033578.D
 Acq: 5 Apr 2018 3:49

Tgt Ion	128	Resp	21645
Ion	Ratio	Lower	Upper
128	100		
129	9.2	8.6	12.8
127	11.9	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033578.D

Acq: 5 Apr 2018 3:49

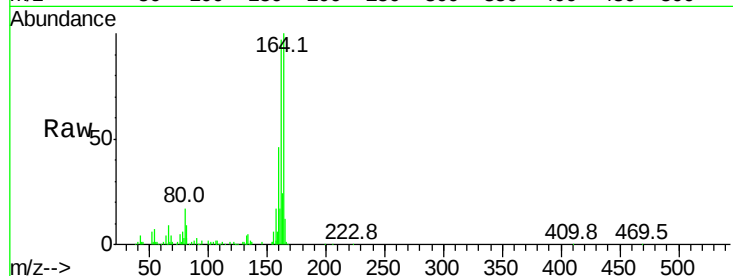
Tot Ion:164 Resp: 104615

Ion Ratio Lower Upper

164 100

162 97.3 78.8 118.2

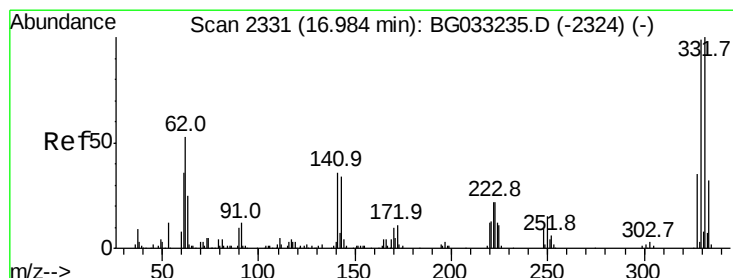
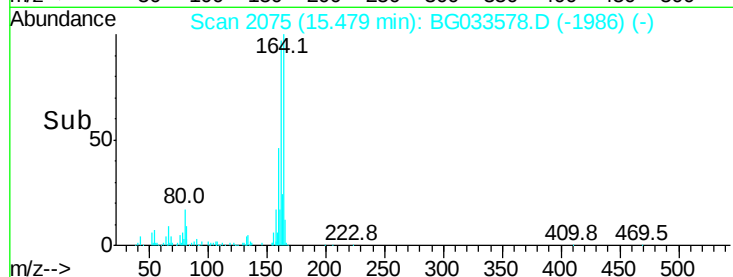
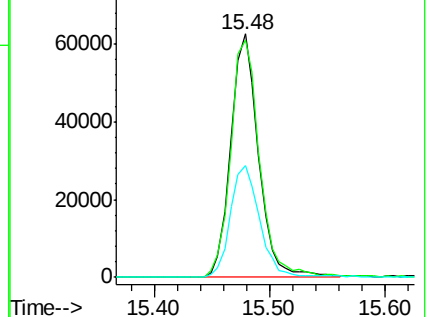
160 46.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 157.907 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033578.D

Acq: 5 Apr 2018 3:49

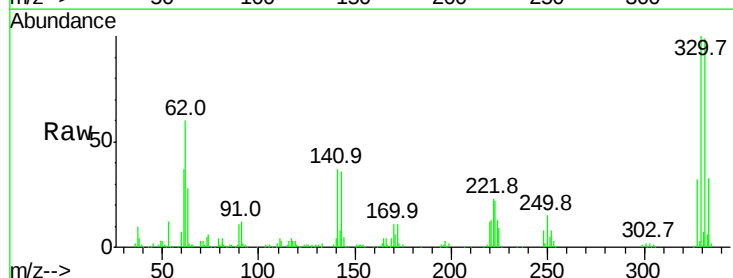
Tgt Ion:330 Resp: 247067

Ion Ratio Lower Upper

330 100

332 98.4 77.0 115.6

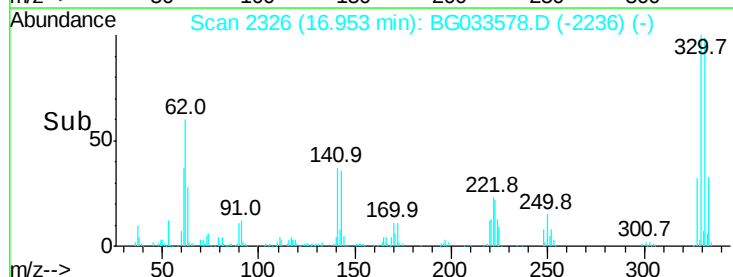
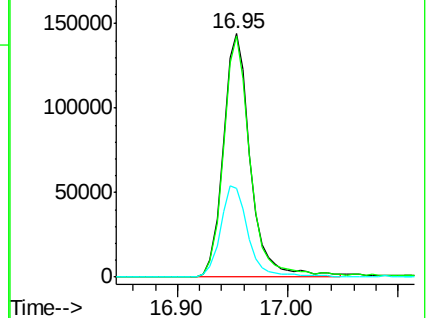
141 38.4 25.2 37.8#

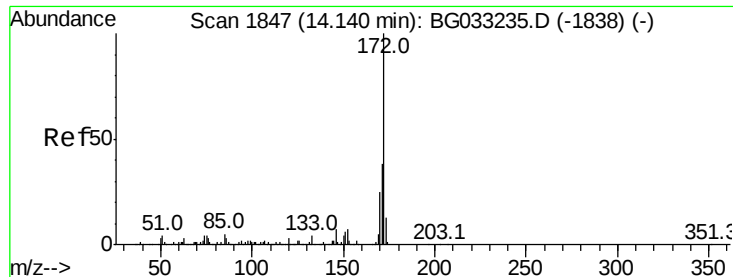


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 109.051 ng

RT: 14.10 min Scan# 1841

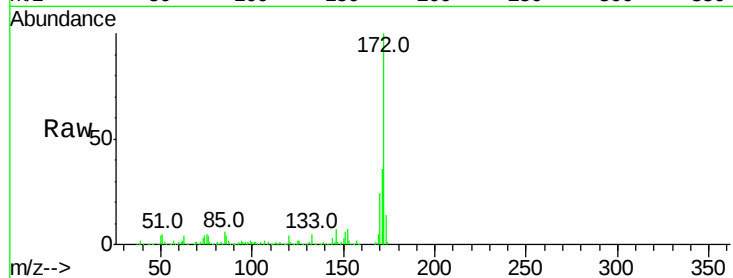
Delta R.T. -0.00 min

Lab File: BG033578.D

Acq: 5 Apr 2018 3:49

Tot Ion:172 Resp: 790250

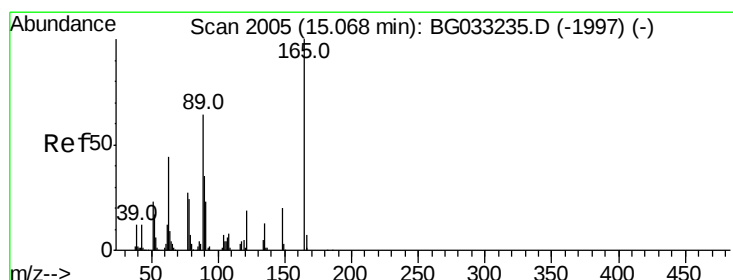
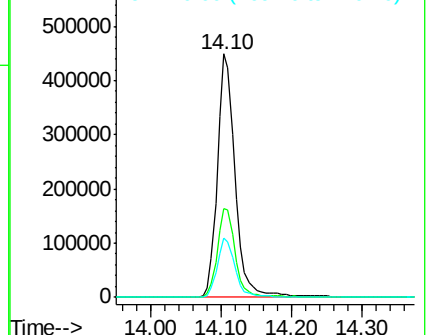
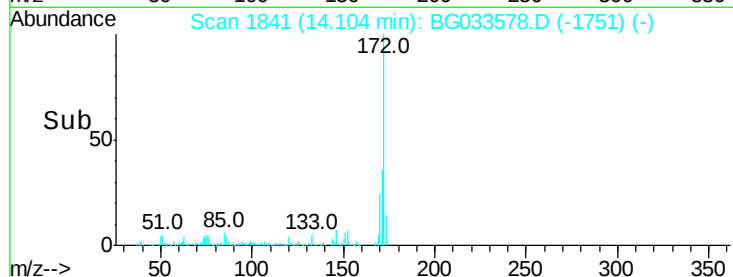
Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	24.3	19.5	29.3



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: 7.132 ng

RT: 15.48 min Scan# 2075

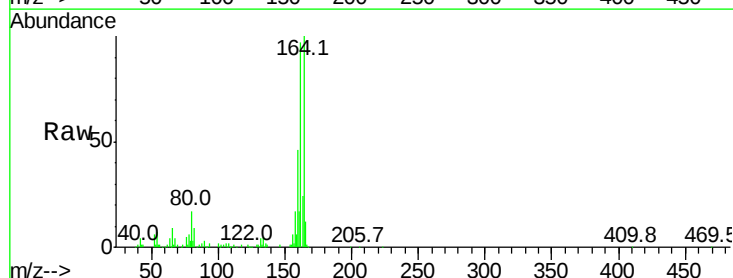
Delta R.T. 0.44 min

Lab File: BG033578.D

Acq: 5 Apr 2018 3:49

Tgt Ion:165 Resp: 13276

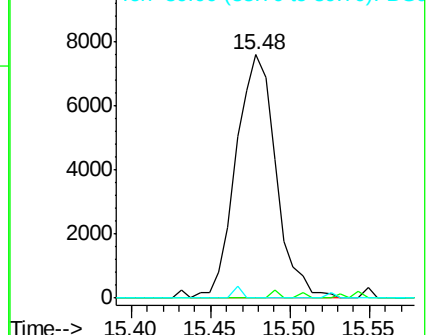
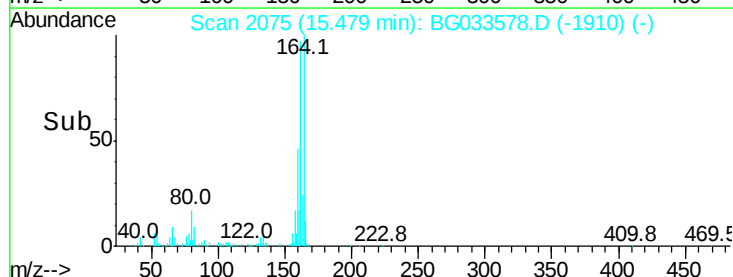
Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

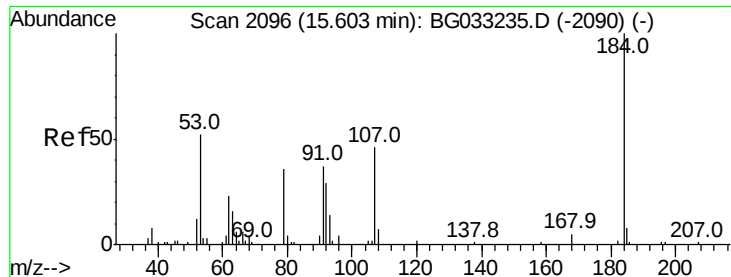


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

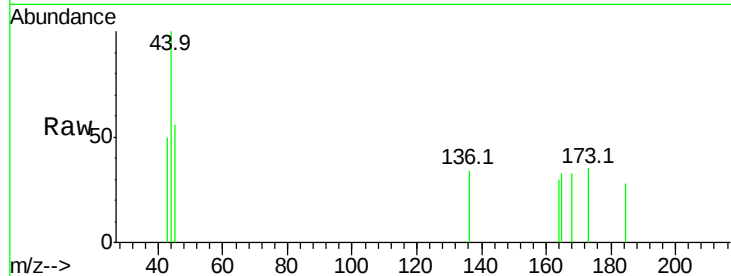
Ion 89.00 (88.70 to 89.70): BGC



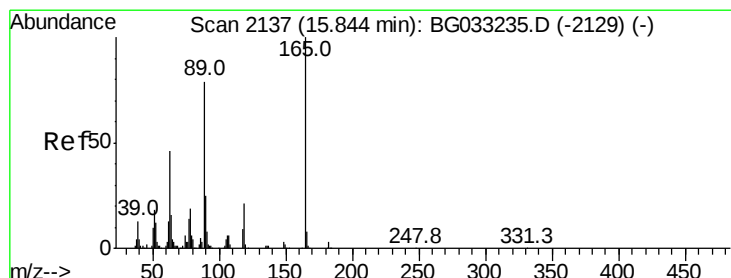
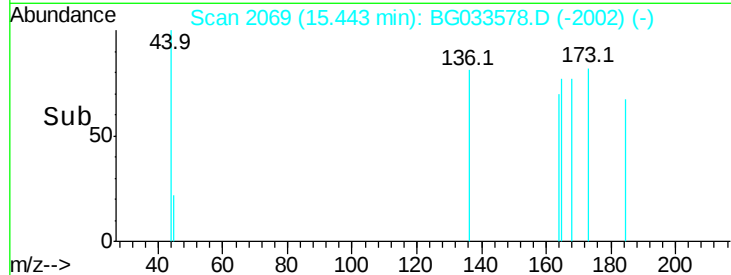
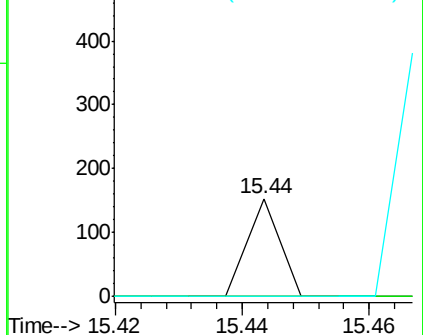


#53
2,4-Dinitrophenol
Concen: 7.694 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.14 min
Lab File: BG033578.D
Acq: 5 Apr 2018 3:49

Tot Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

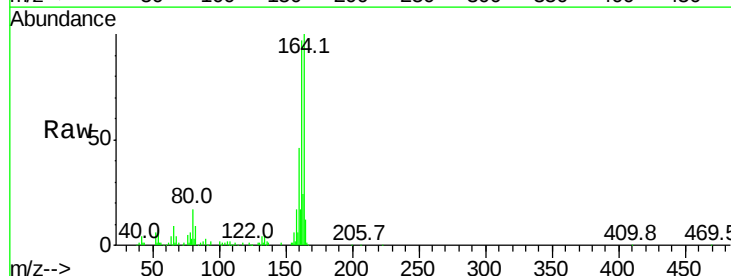


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

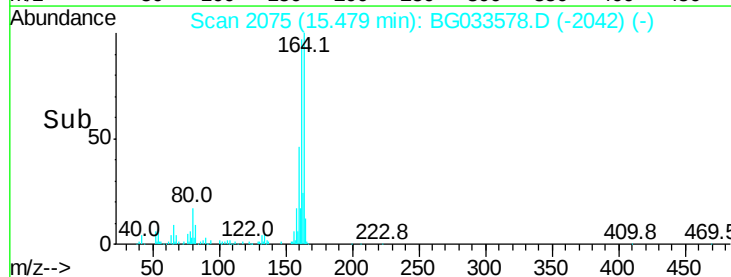
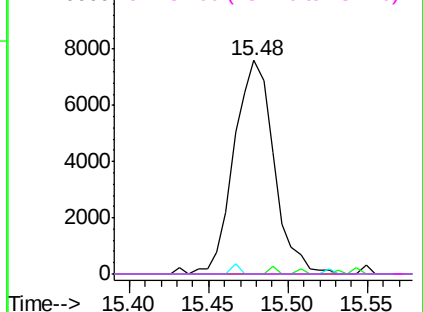


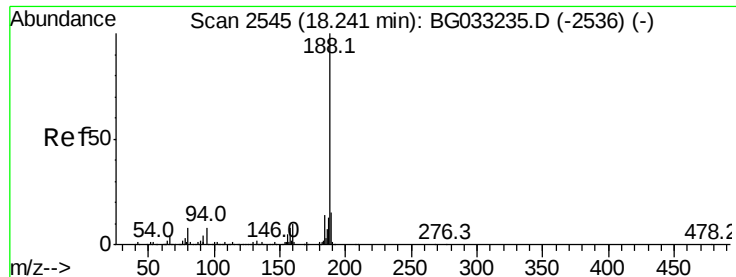
#56
2,4-Dinitrotoluene
Concen: 4.844 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033578.D
Acq: 5 Apr 2018 3:49

Tgt Ion:165 Resp: 13276
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#



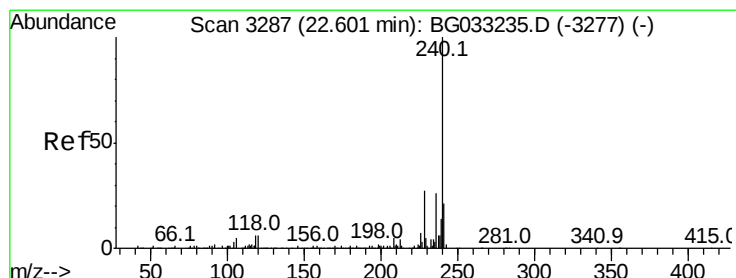
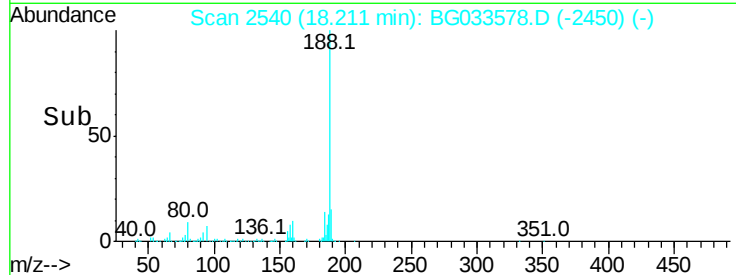
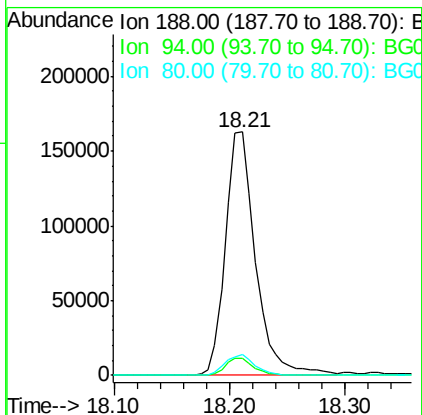
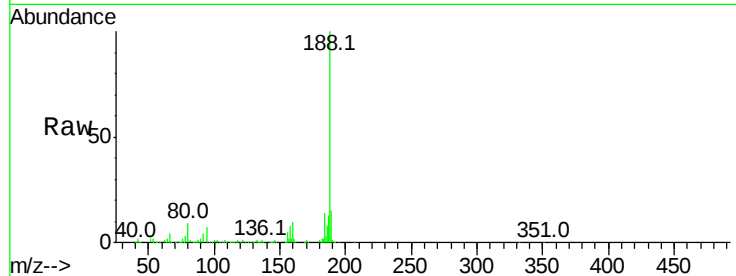
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E





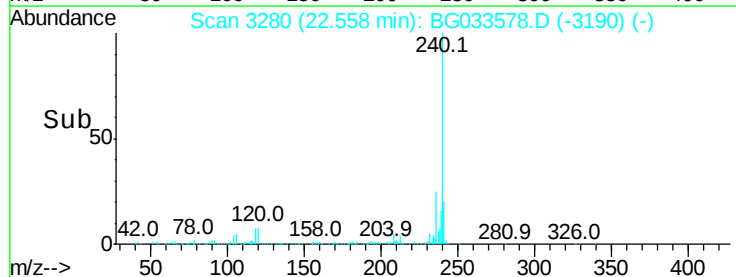
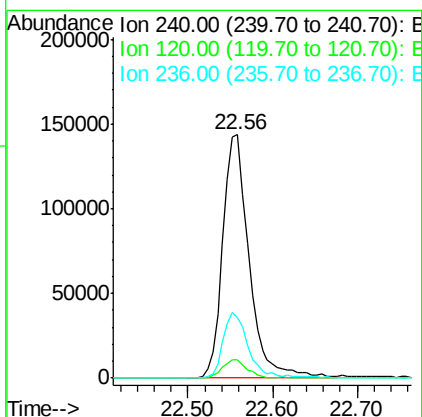
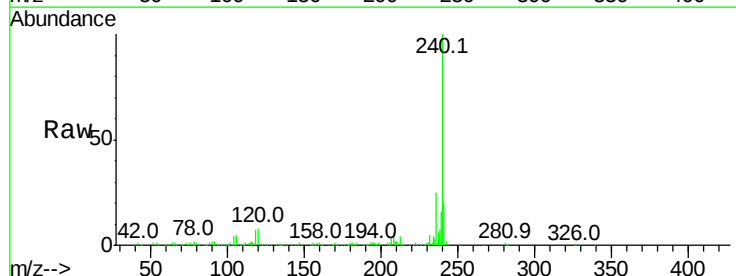
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033578.D
Acq: 5 Apr 2018 3:49

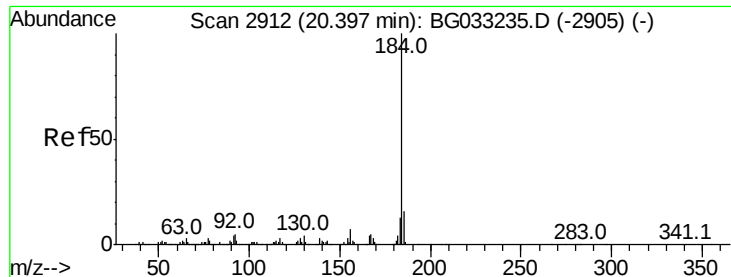
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.7	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033578.D
Acq: 5 Apr 2018 3:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.8	10.2
236	25.0	20.9	31.3





#76

Benzidine

Concen: 2.199 ng

RT: 20.38 min Scan# 2909

Delta R.T. 0.01 min

Lab File: BG033578.D

Acq: 5 Apr 2018 3:49

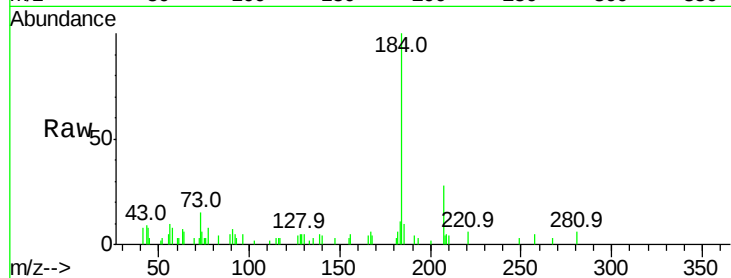
Tot Ion:184 Resp: 18524

Ion Ratio Lower Upper

184 100

185 10.3 11.1 16.7#

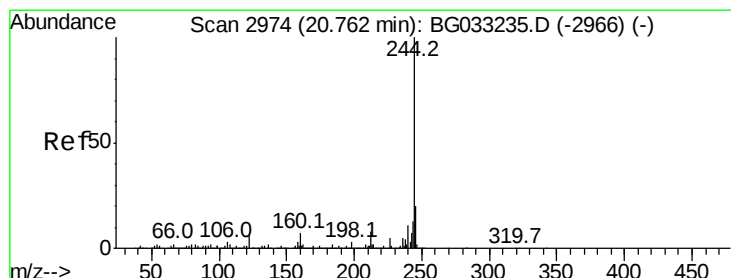
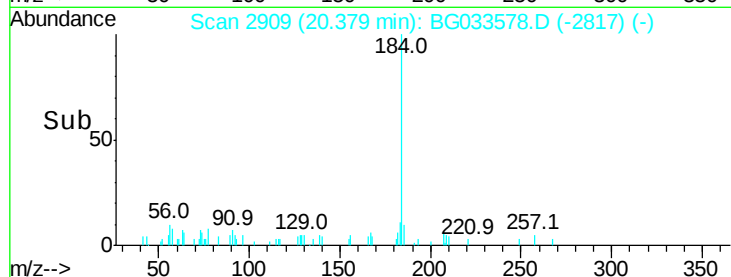
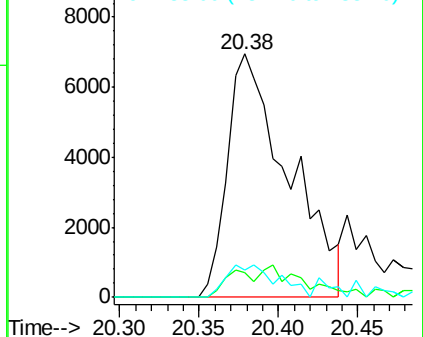
183 11.3 10.6 16.0



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: 112.549 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033578.D

Acq: 5 Apr 2018 3:49

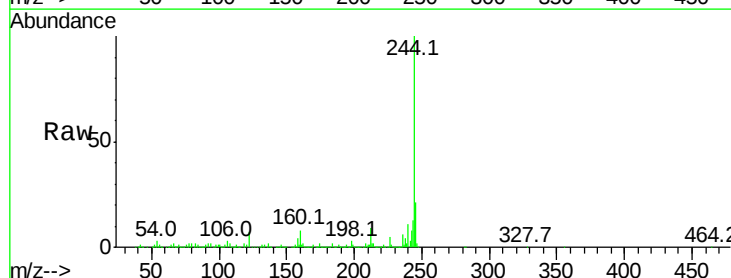
Tgt Ion:244 Resp: 1634861

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

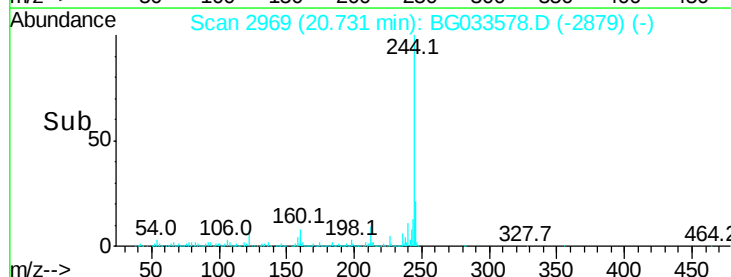
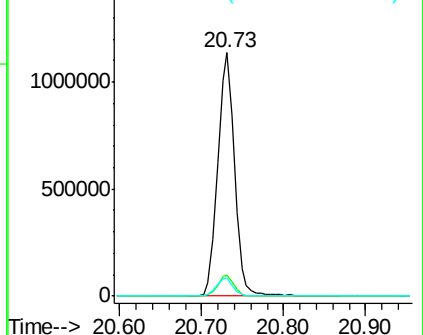
122 7.5 7.0 10.4

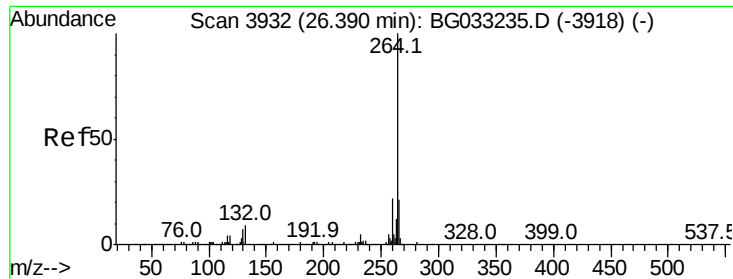


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.01 min
 Lab File: BG033578.D
 Acq: 5 Apr 2018 3:49

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	20.1	17.7	26.5

