

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033577.D
 Acq On : 5 Apr 2018 3:11
 Operator : SJ/JU
 Sample : J2166-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

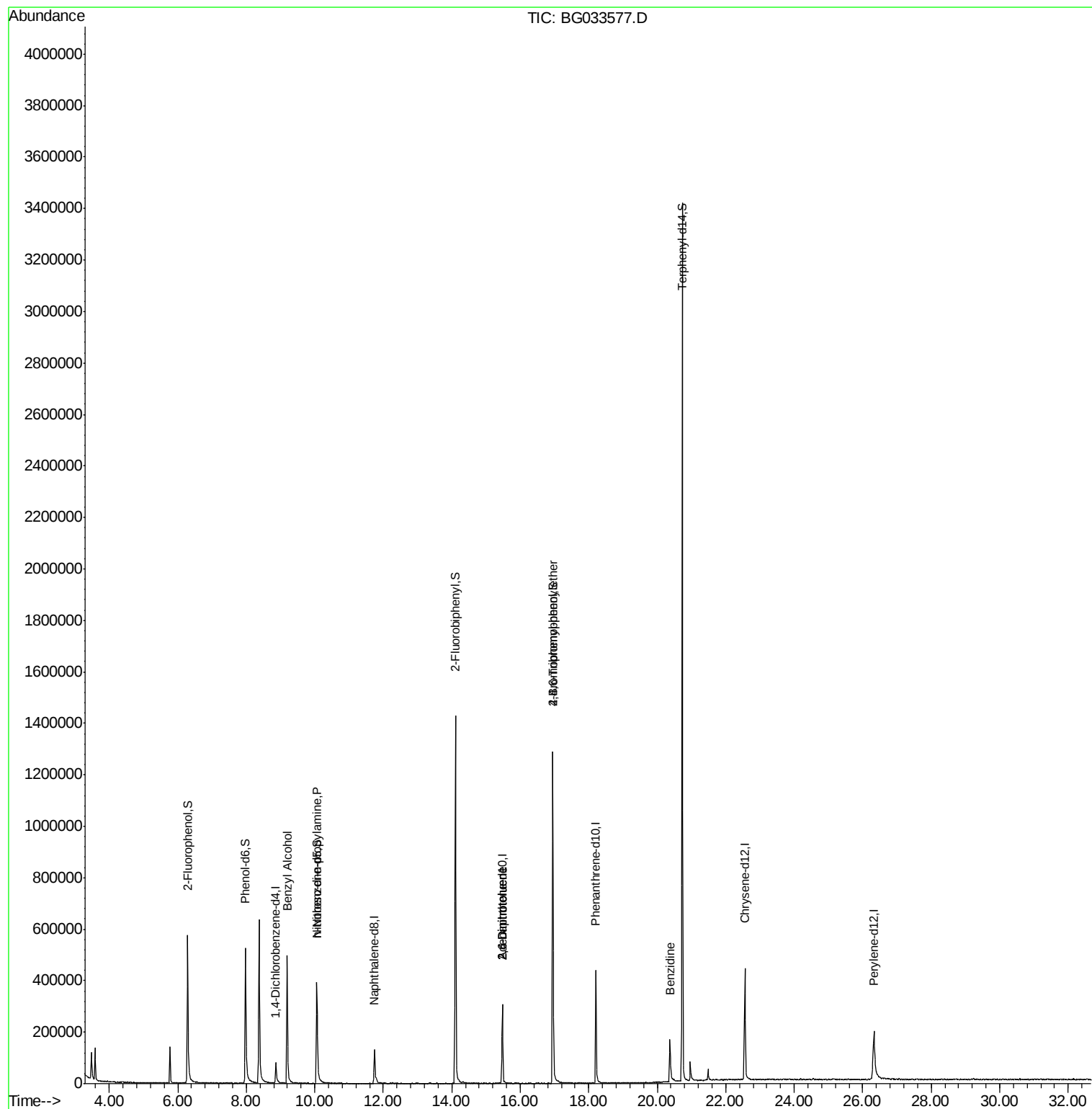
Quant Time: Apr 05 05:32:23 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	31047	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	137336	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	114090	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	322374	20.00	ng	0.00
75) Chrysene-d12	22.56	240	329853	20.00	ng	0.00
86) Perylene-d12	26.33	264	322541	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	275400	166.33	ng	0.00
7) Phenol-d6	7.98	99	390339	137.21	ng	0.00
23) Nitrobenzene-d5	10.06	82	323751	108.31	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	259659	152.17	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	802975	101.60	ng	0.00
78) Terphenyl-d14	20.73	244	1666344	108.04	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5807	2.593	ng	# 53
19) n-Nitroso-di-n-propylamine	10.06	70	41718	20.012	ng	# 78
50) 2,6-Dinitrotoluene	15.48	165	14489	7.137	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	14489	4.847	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	19905	5.258	ng	# 1
76) Benzidine	20.37	184	150556	16.831	ng	99

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033577.D
Acq On : 5 Apr 2018 3:11
Operator : SJ/JU
Sample : J2166-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 05 05:32:23 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

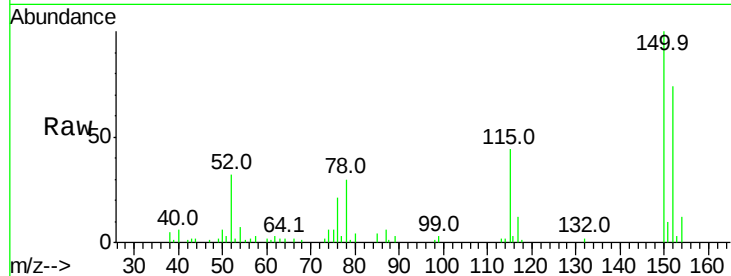




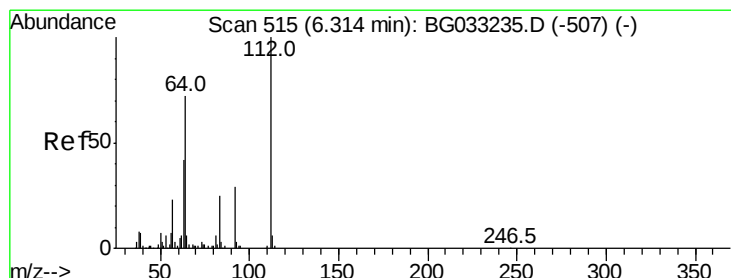
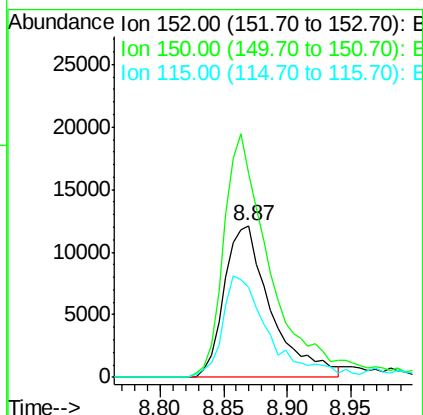
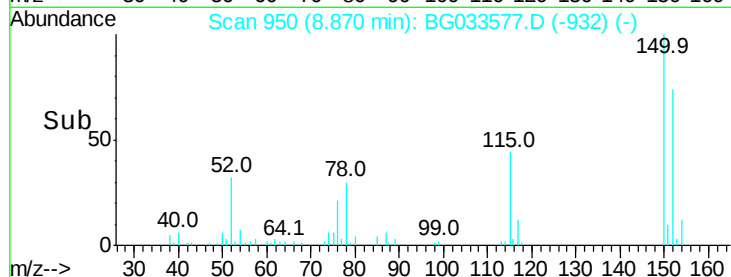
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG033577.D
Acq: 5 Apr 2018 3:11

Tot Ion:152 Resp: 31047
Ion Ratio Lower Upper
152 100
150 134.7 126.6 189.8
115 59.1 53.0 79.4



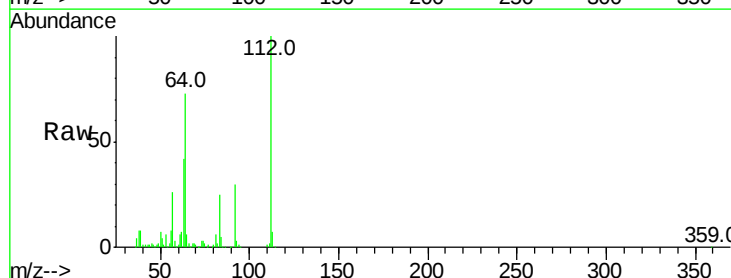
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



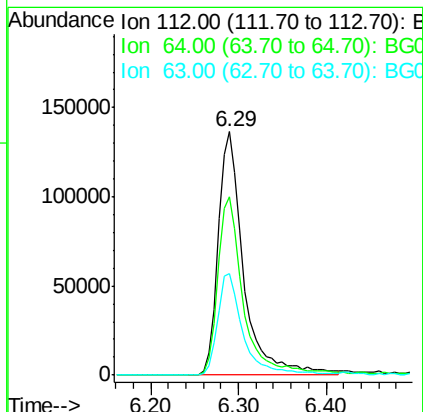
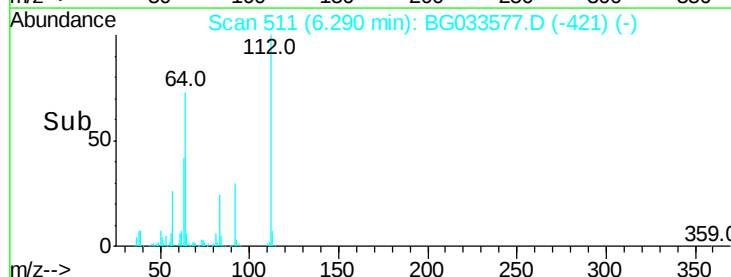
#5

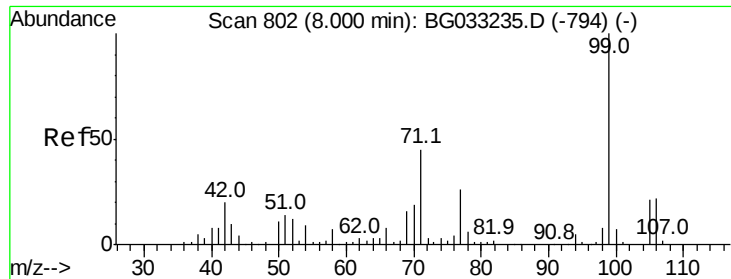
2-Fluorophenol
Concen: 166.331 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033577.D
Acq: 5 Apr 2018 3:11

Tgt Ion:112 Resp: 275400
Ion Ratio Lower Upper
112 100
64 73.4 56.3 84.5
63 41.6 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: 137.207 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033577.D

Acq: 5 Apr 2018 3:11

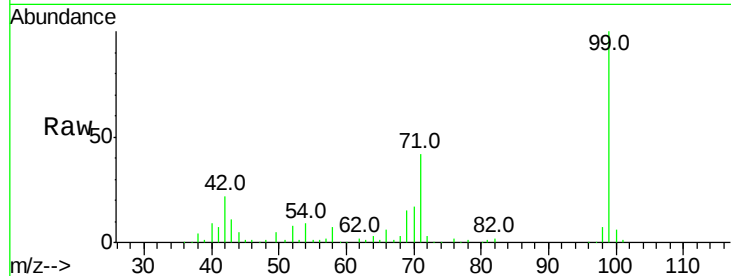
Tot Ion: 99 Resp: 390339

Ion Ratio Lower Upper

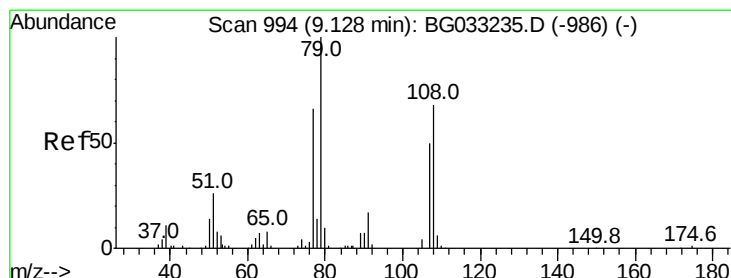
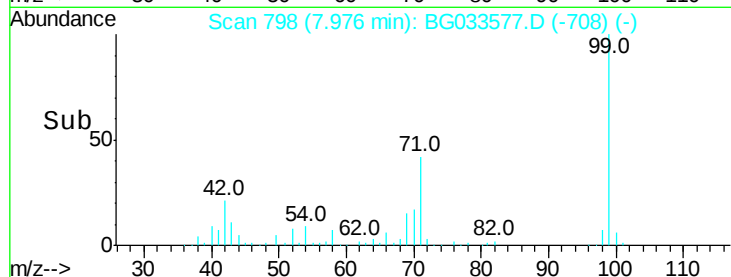
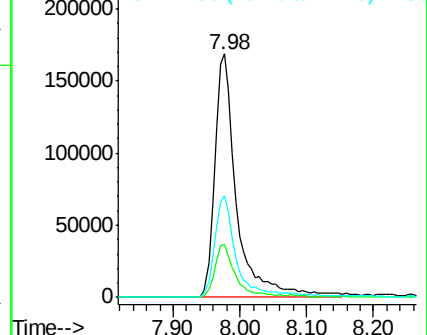
99 100

42 21.5 14.1 21.1#

71 41.9 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: 2.593 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033577.D

Acq: 5 Apr 2018 3:11

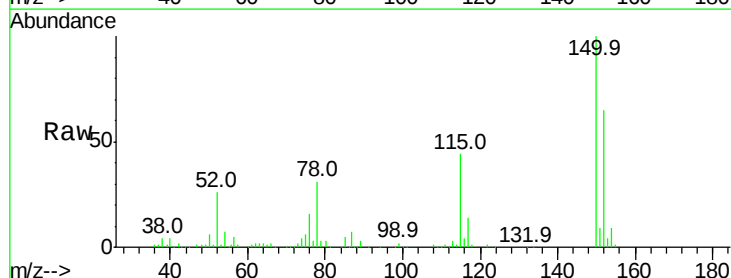
Tgt Ion: 79 Resp: 5807

Ion Ratio Lower Upper

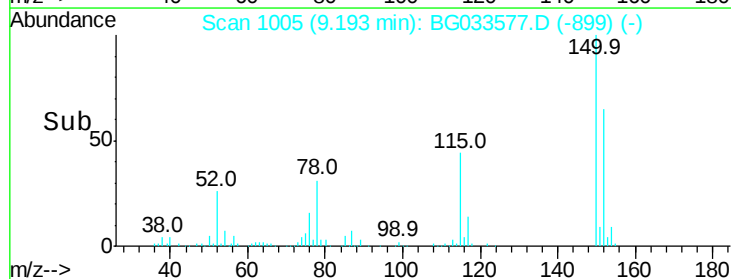
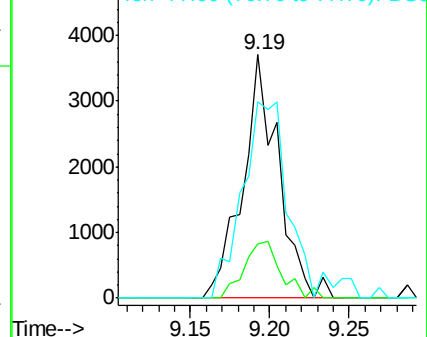
79 100

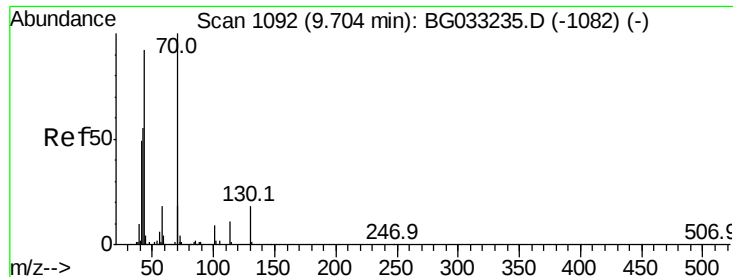
108 22.3 57.2 85.8#

77 80.7 46.1 69.1#



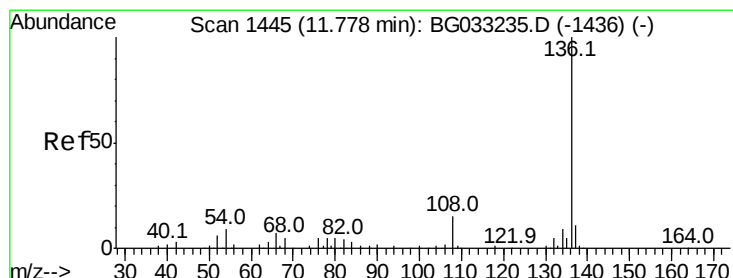
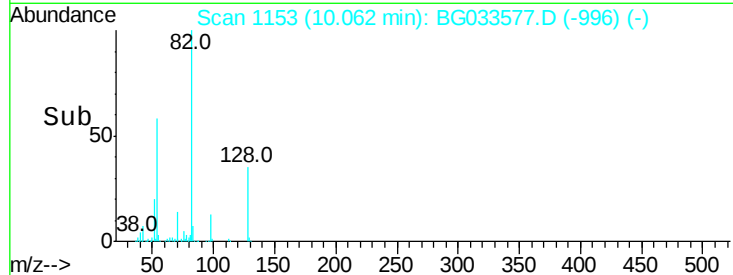
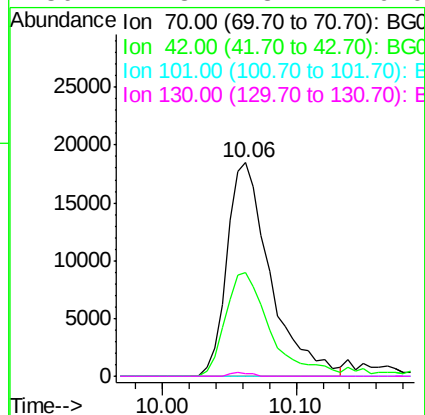
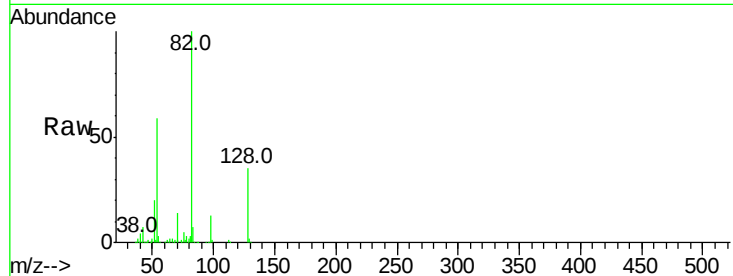
Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





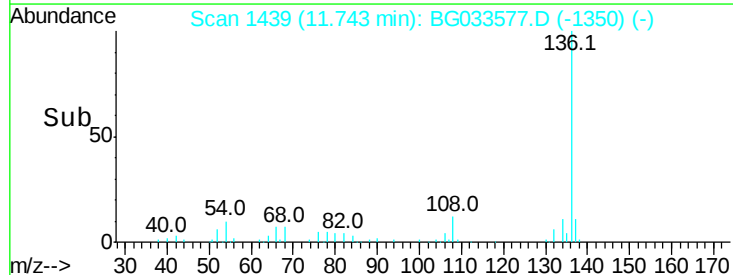
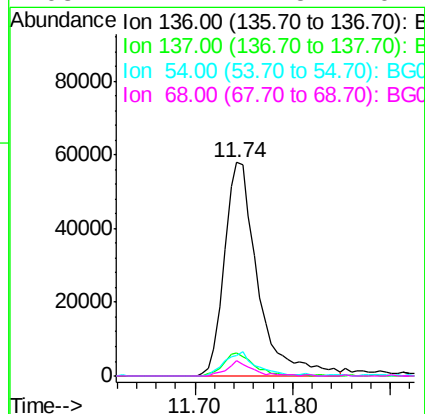
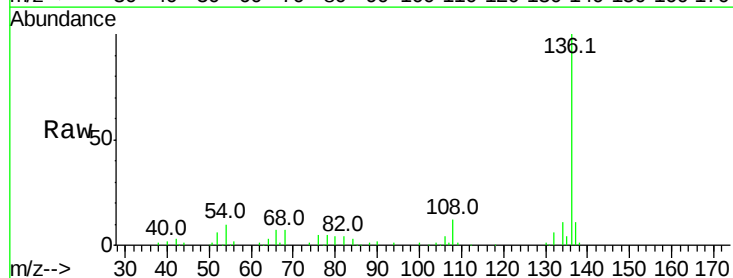
#19
n-Nitroso-di-n-propylamine
Concen: 20.012 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033577.D
Acq: 5 Apr 2018 3:11

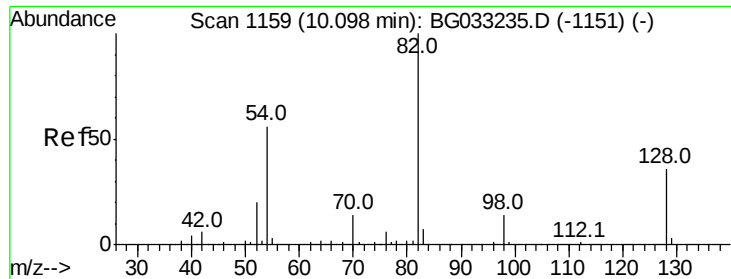
Tot Ion	Ratio	Lower	Upper
70	100		
42	48.6	49.1	73.7#
101	0.0	8.5	12.7#
130	1.3	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033577.D
Acq: 5 Apr 2018 3:11

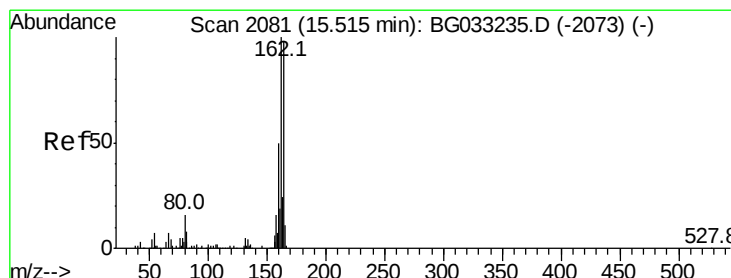
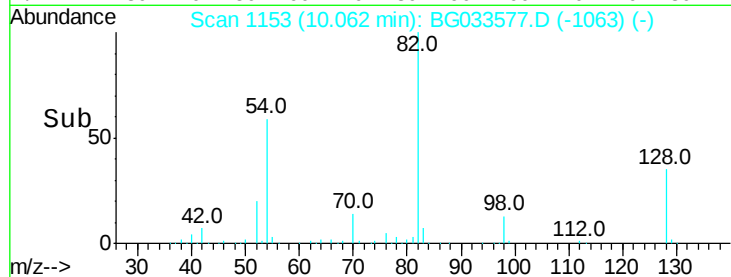
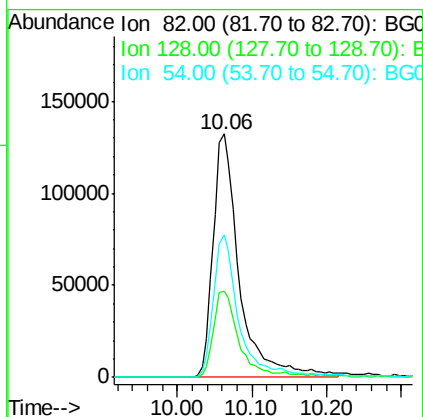
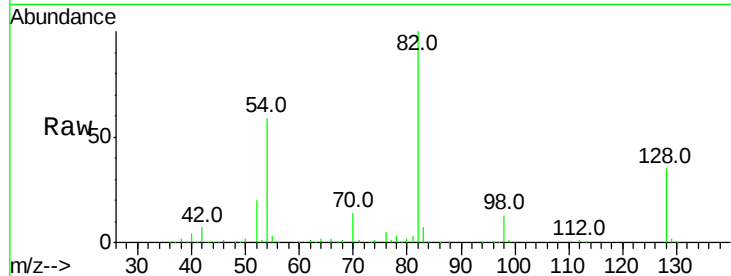
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	9.7	10.3	15.5#
68	7.4	4.5	6.7#





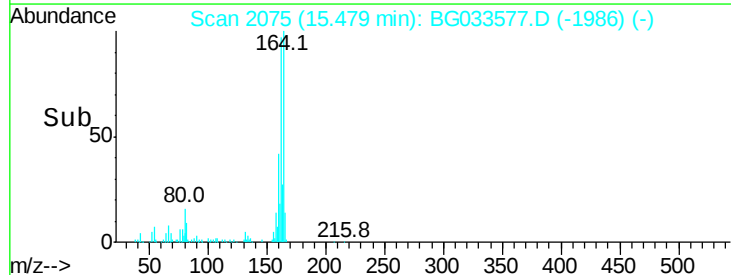
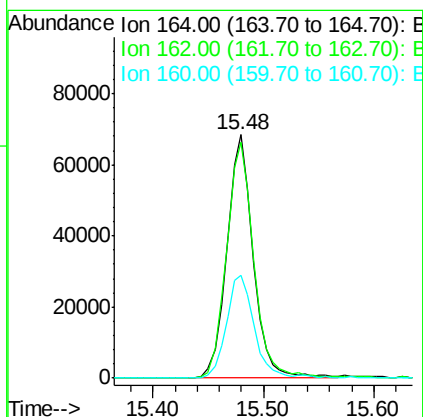
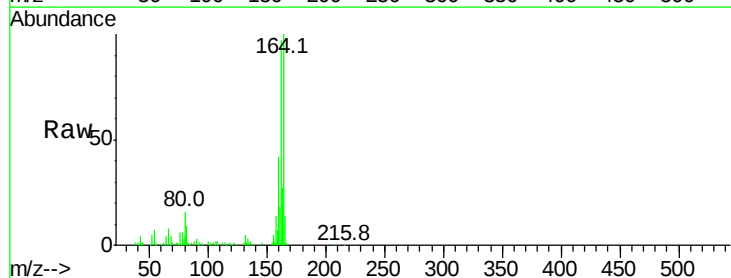
#23
 Nitrobenzene-d5
 Concen: 108.307 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033577.D
 Acq: 5 Apr 2018 3:11

Tot Ion: 82 Resp: 323751
 Ion Ratio Lower Upper
 82 100
 128 35.4 29.7 44.5
 54 58.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033577.D
 Acq: 5 Apr 2018 3:11

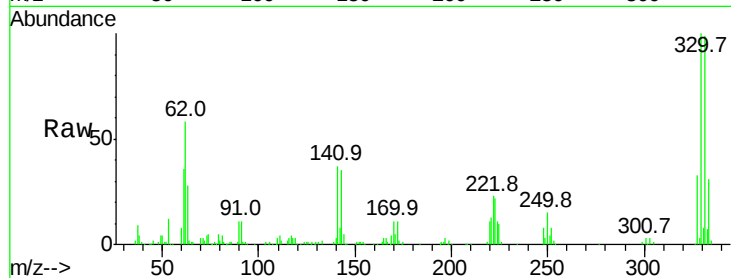
Tgt Ion: 164 Resp: 114090
 Ion Ratio Lower Upper
 164 100
 162 96.8 78.8 118.2
 160 42.4 35.4 53.0



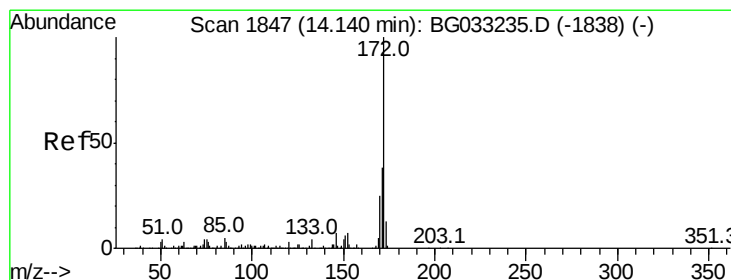
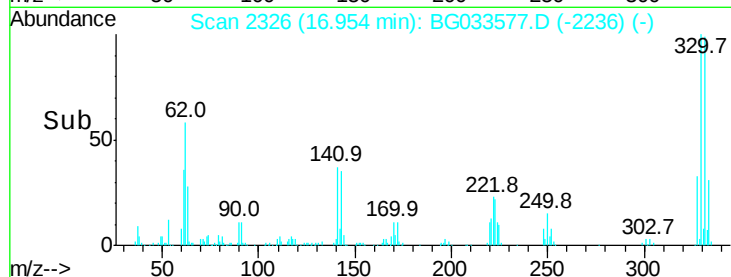
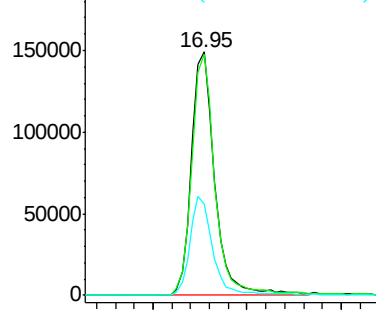


#41
 2,4,6-Tribromophenol
 Concen: 152.172 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033577.D
 Acq: 5 Apr 2018 3:11

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	39.4	25.2	37.8#

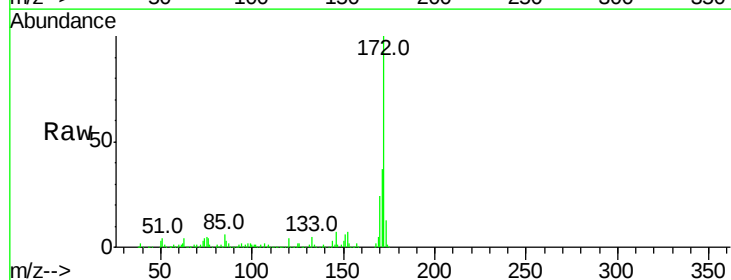


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

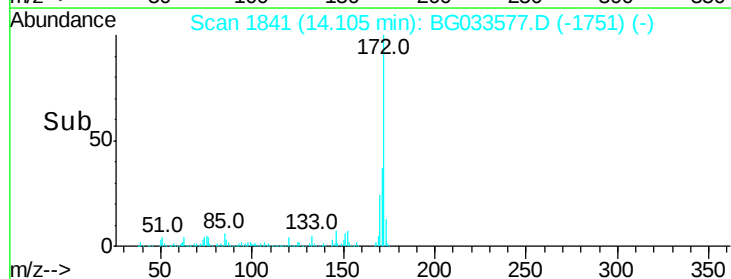
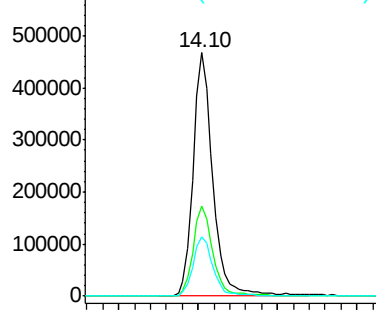


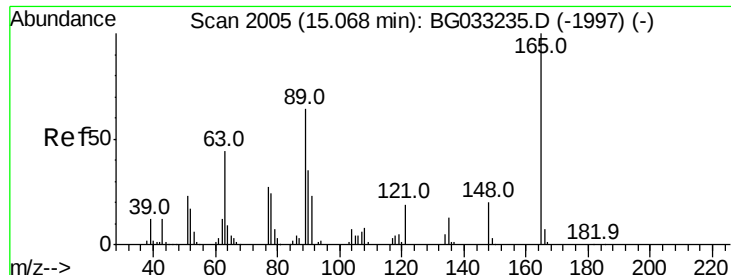
#44
 2-Fluorobiphenyl
 Concen: 101.604 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033577.D
 Acq: 5 Apr 2018 3:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.4	19.5	29.3



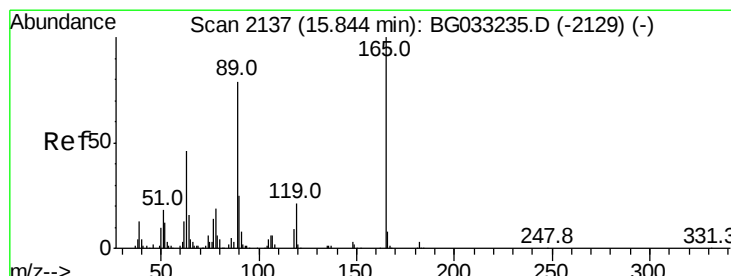
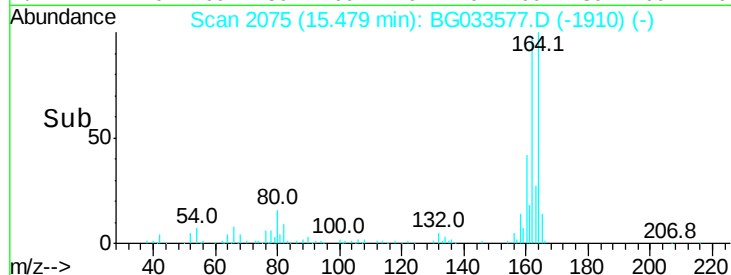
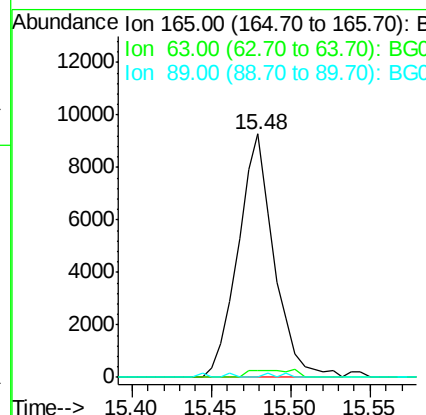
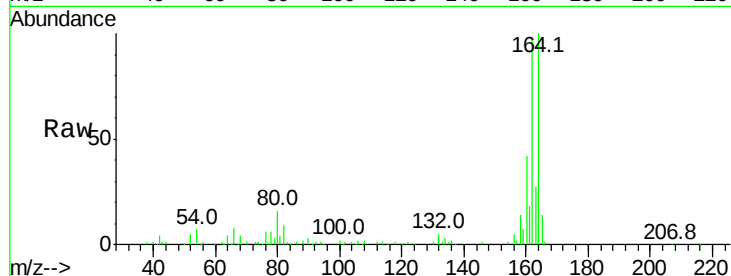
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





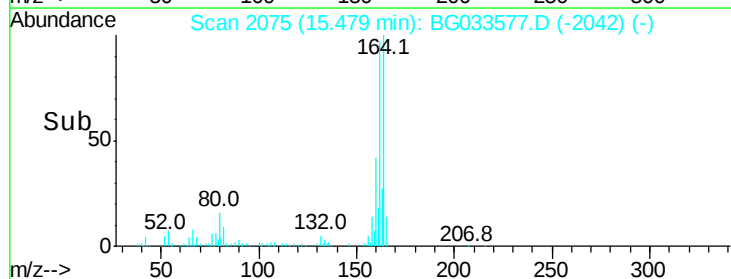
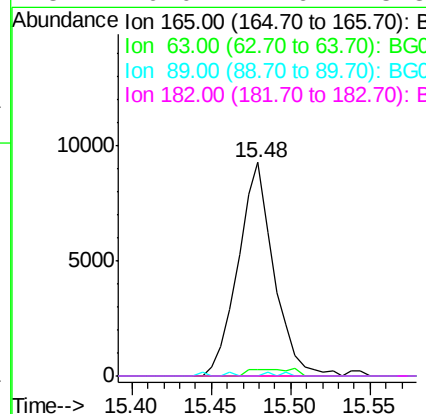
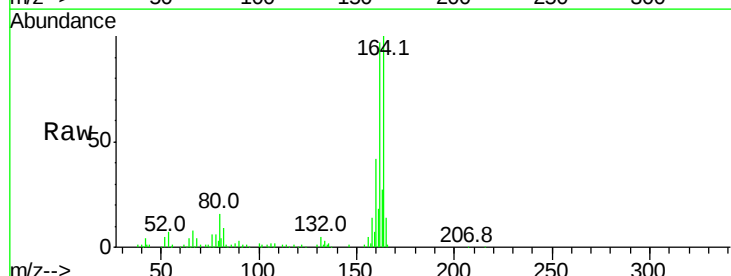
#50
 2,6-Dinitrotoluene
 Concen: 7.137 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.44 min
 Lab File: BG033577.D
 Acq: 5 Apr 2018 3:11

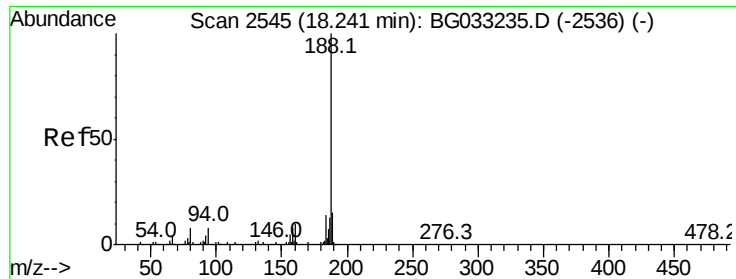
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.8	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.847 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033577.D
 Acq: 5 Apr 2018 3:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.8	42.0	63.0#
89	0.0	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: BG033577.D

Acq: 5 Apr 2018 3:11

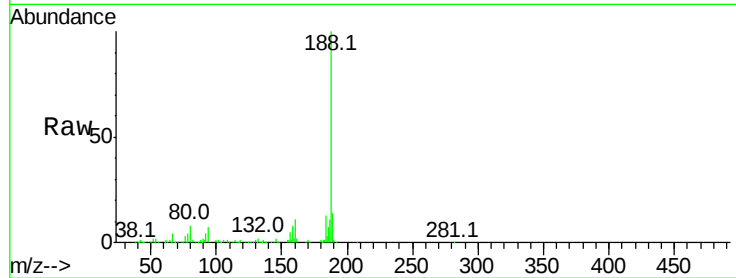
Tot Ion:188 Resp: 322374

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

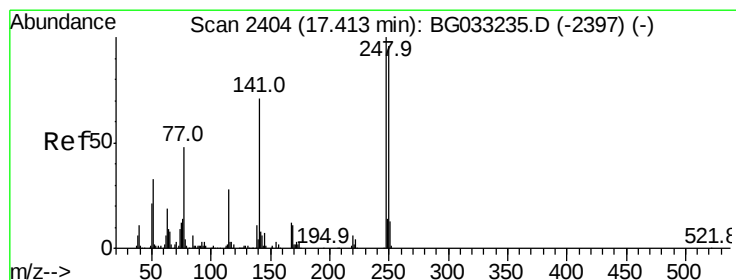
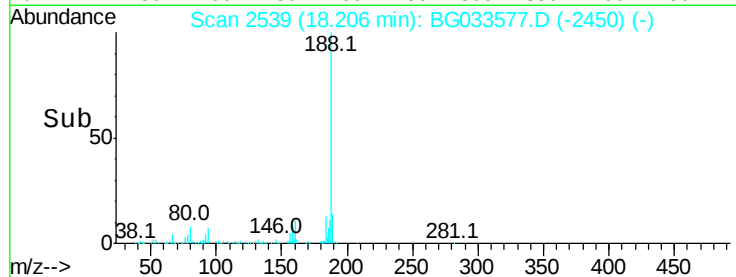
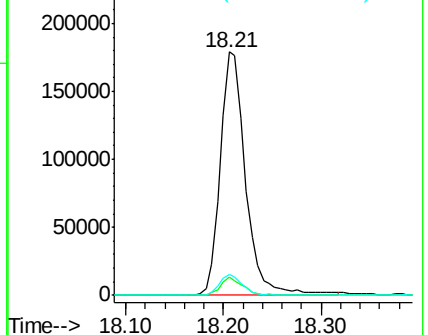
80 8.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 5.258 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.43 min

Lab File: BG033577.D

Acq: 5 Apr 2018 3:11

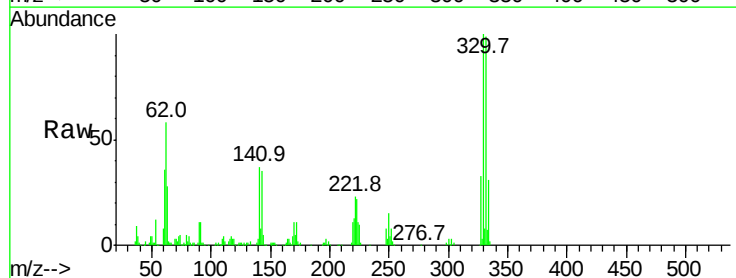
Tgt Ion:248 Resp: 19905

Ion Ratio Lower Upper

248 100

250 187.3 77.1 115.7#

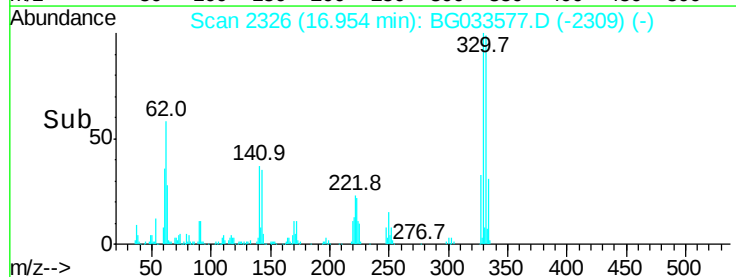
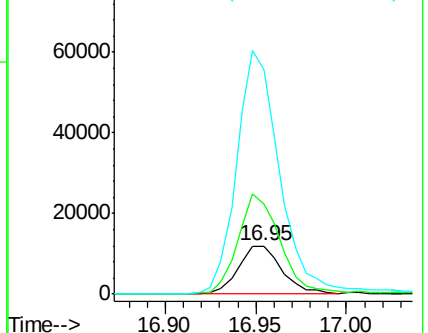
141 464.4 50.8 76.2#

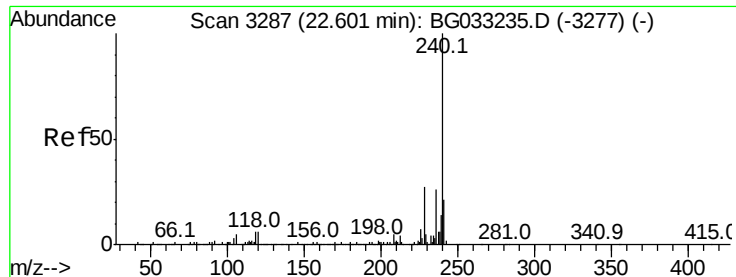


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

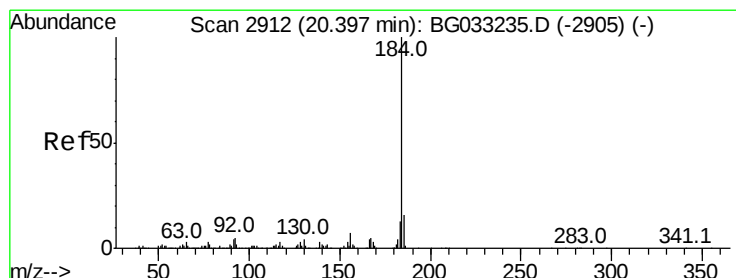
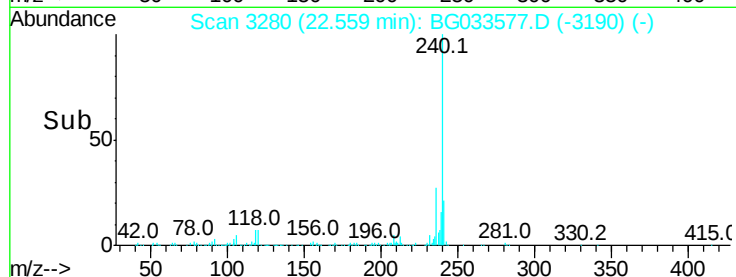
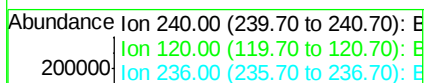
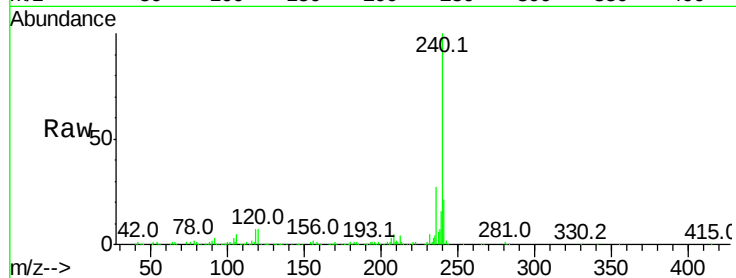
Delta R.T. -0.00 min

Lab File: BG033577.D

Acq: 5 Apr 2018 3:11

Tot Ion:240 Resp: 329853

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.8	10.2
236	27.2	20.9	31.3



#76

Benzidine

Concen: 16.831 ng

RT: 20.37 min Scan# 2908

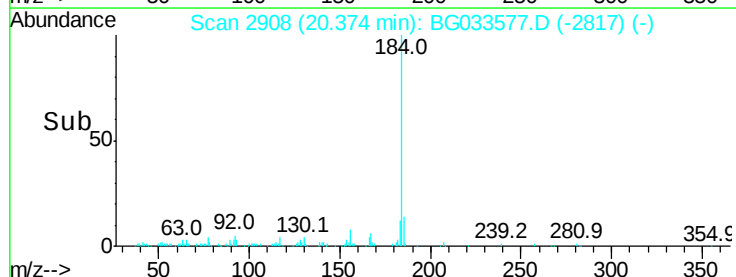
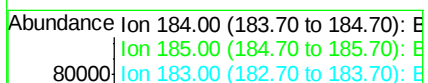
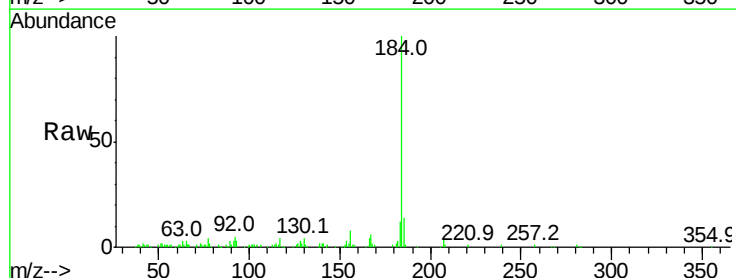
Delta R.T. 0.00 min

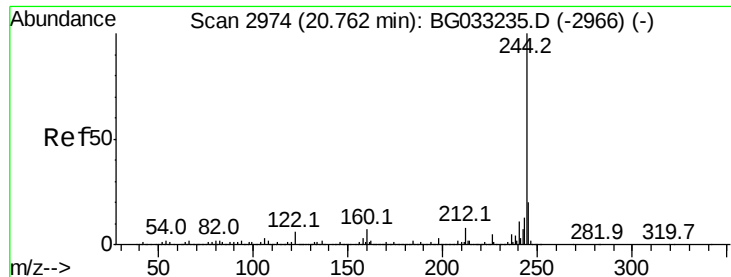
Lab File: BG033577.D

Acq: 5 Apr 2018 3:11

Tgt Ion:184 Resp: 150556

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.1	16.7
183	12.5	10.6	16.0

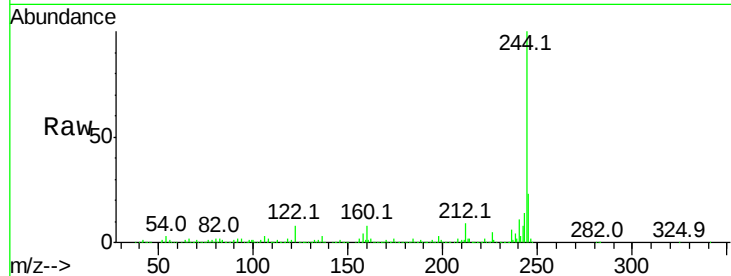




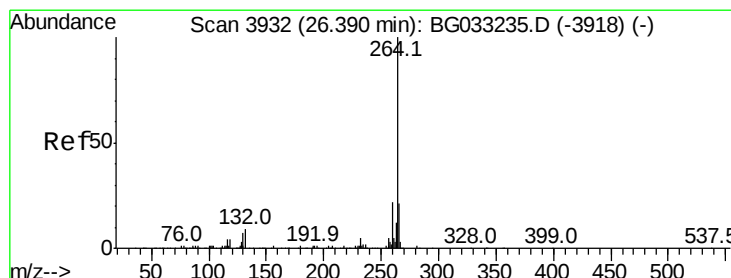
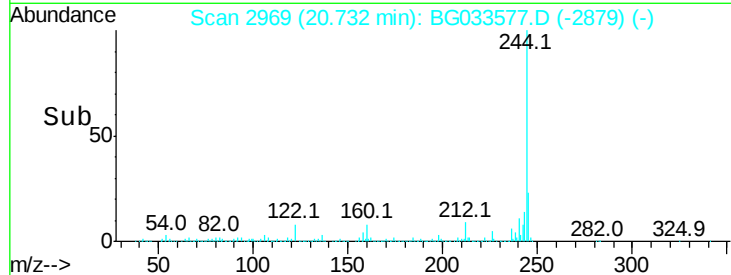
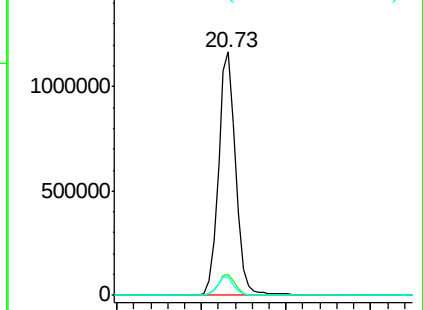
#78
 Terphenyl-d14
 Concen: 108.038 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BG033577.D
 Acq: 5 Apr 2018 3:11

Tot Ion:244 Resp: 1666344

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.7	7.0	10.4



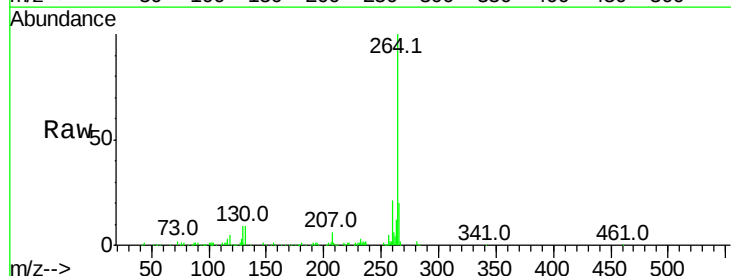
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. 0.00 min
 Lab File: BG033577.D
 Acq: 5 Apr 2018 3:11

Tgt Ion:264 Resp: 322541

Ion	Ratio	Lower	Upper
264	100		
260	21.1	17.4	26.0
265	19.5	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

