

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033556.D
 Acq On : 4 Apr 2018 12:41
 Operator : SJ/JU
 Sample : PB107838BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

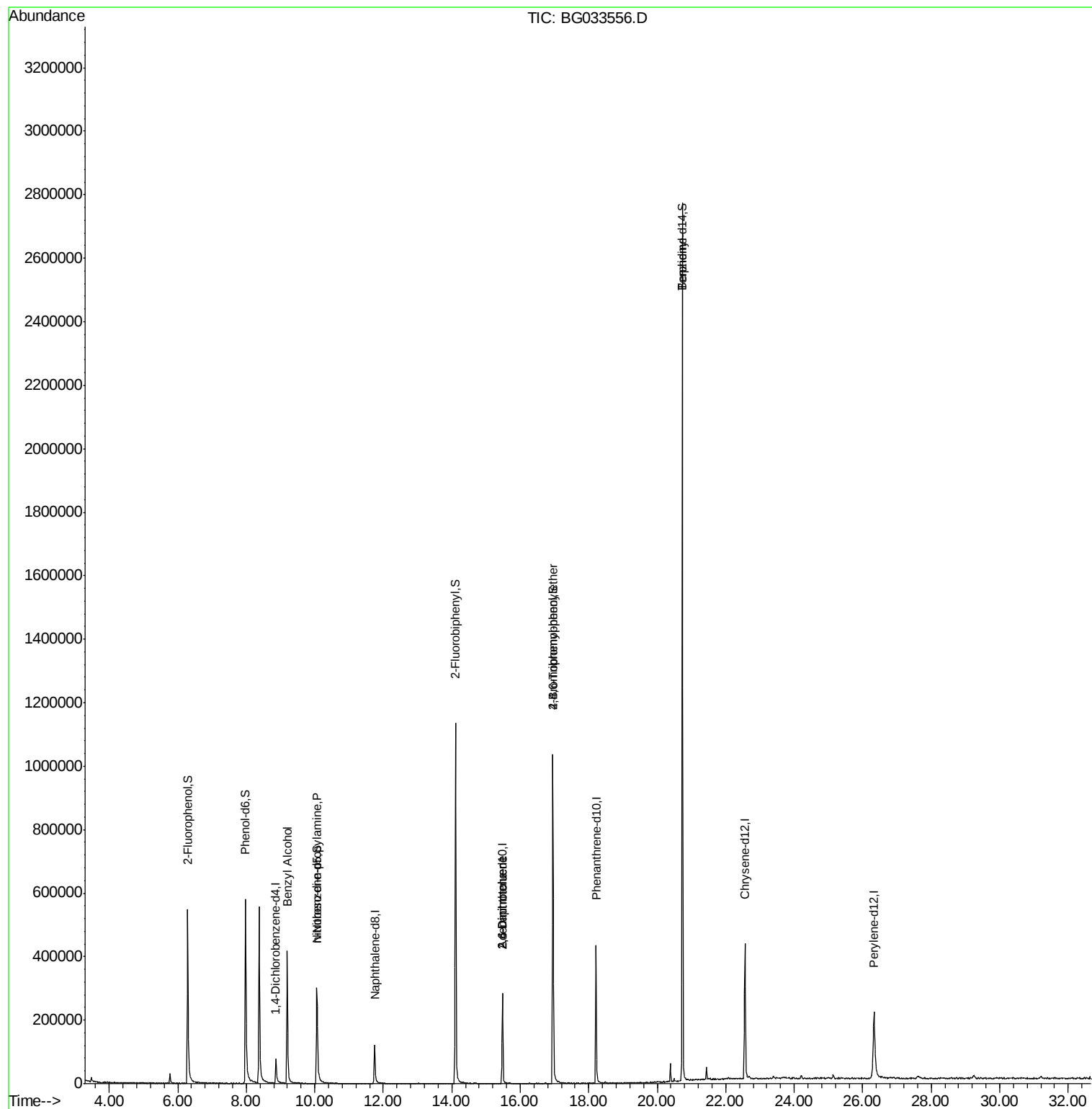
Quant Time: Apr 04 18:36:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

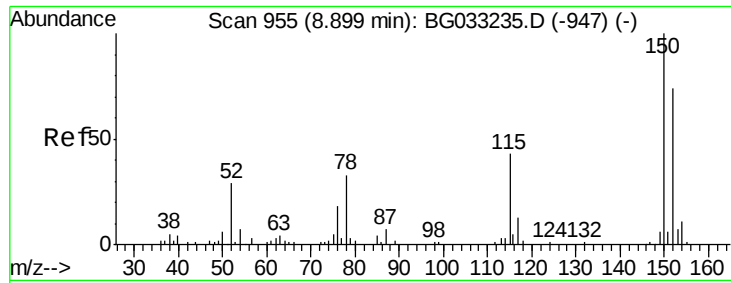
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	27861	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	132530	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	107508	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	306586	20.00	ng	0.00
75) Chrysene-d12	22.56	240	321341	20.00	ng	0.00
86) Perylene-d12	26.33	264	328747	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	270252	181.89	ng	0.00
7) Phenol-d6	7.98	99	418969	164.11	ng	0.00
23) Nitrobenzene-d5	10.06	82	251655	87.24	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	208529	129.69	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	662716	88.99	ng	0.00
78) Terphenyl-d14	20.73	244	1338906	89.11	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4653	2.315	ng	# 65
19) n-Nitroso-di-n-propylamine	10.06	70	35428	18.938	ng	# 77
50) 2,6-Dinitrotoluene	15.48	165	13585	7.101	ng	# 18
56) 2,4-Dinitrotoluene	15.48	165	13585	4.823	ng	# 16
66) 4-Bromophenyl-phenylether	16.96	248	15411	4.280	ng	# 1
76) Benzidine	20.73	184	22403	2.571	ng	# 89

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

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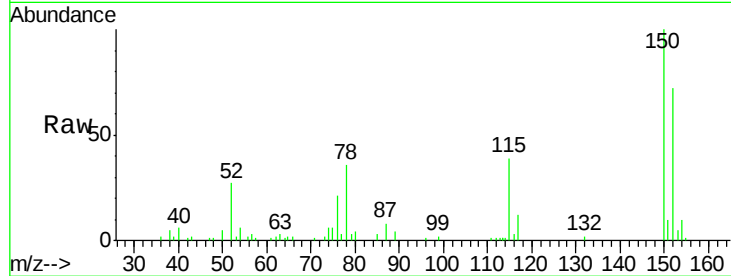




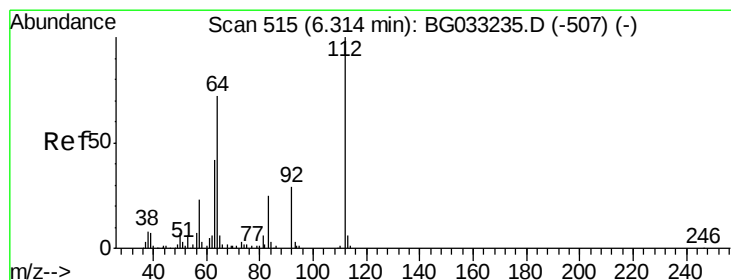
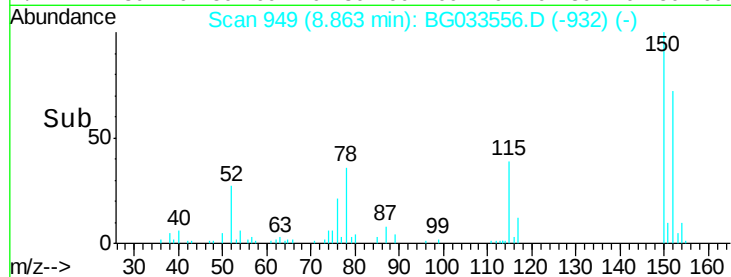
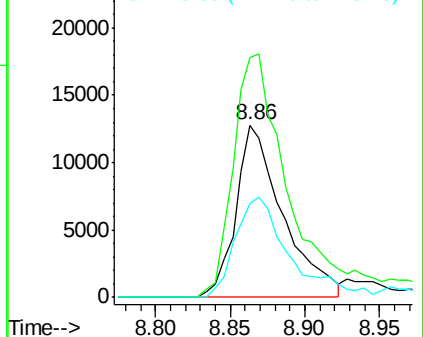
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033556.D
Acq: 4 Apr 2018 12:41

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.8	126.6	189.8
115	54.7	53.0	79.4



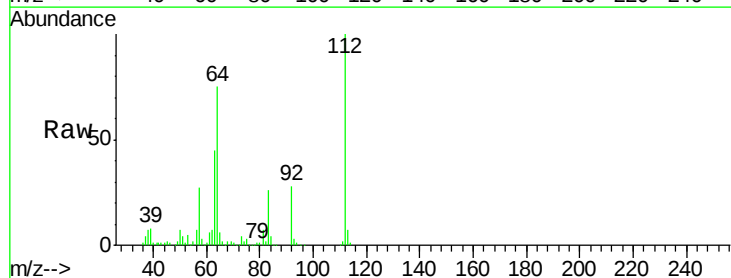
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



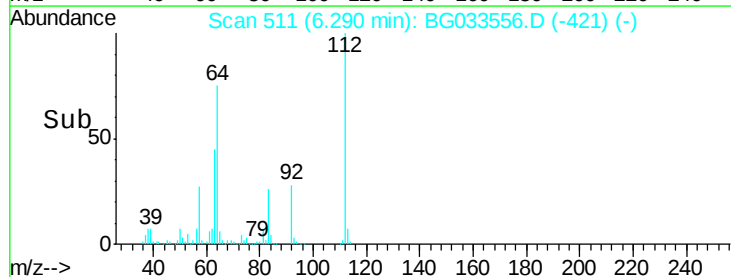
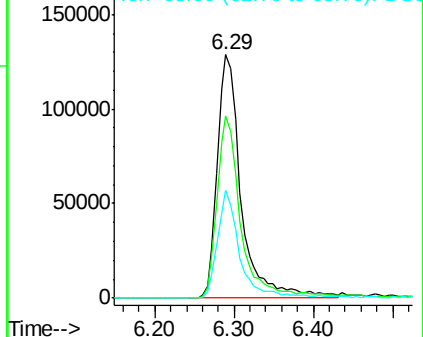
#5

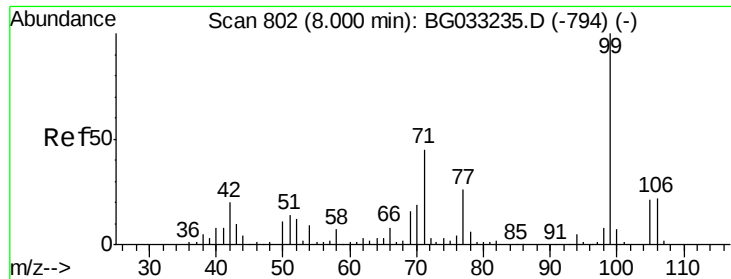
2-Fluorophenol
Concen: 181.887 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033556.D
Acq: 4 Apr 2018 12:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	56.3	84.5
63	44.5	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: 164.112 ng

RT: 7.98 min Scan# 798

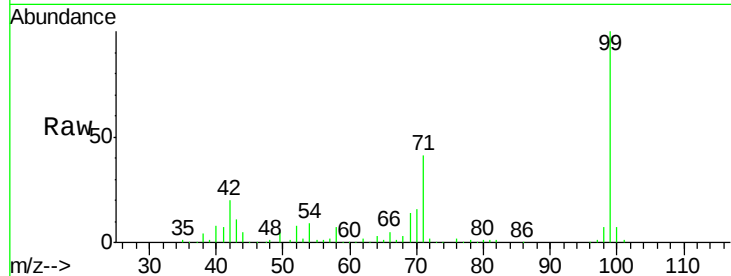
Delta R.T. -0.00 min

Lab File: BG033556.D

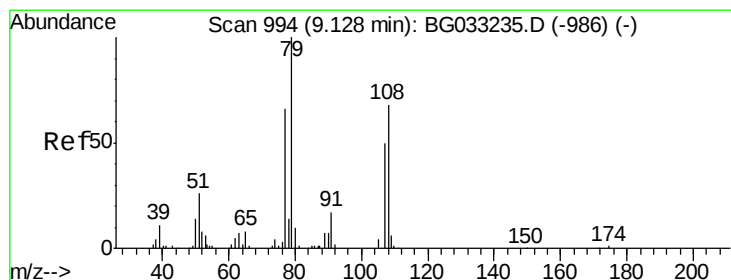
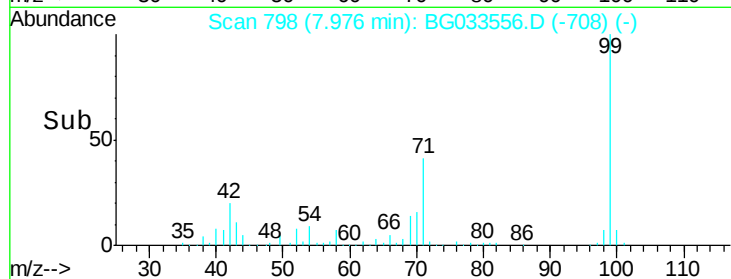
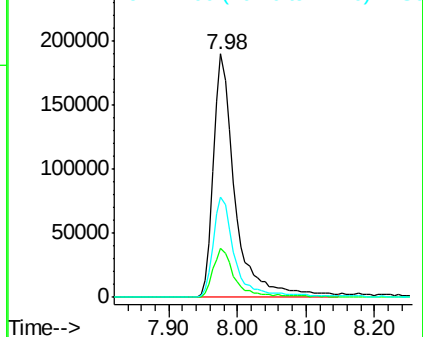
Acq: 4 Apr 2018 12:41

Tot Ion: 99 Resp: 418969

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.1	21.1
71	41.1	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: 2.315 ng

RT: 9.19 min Scan# 1005

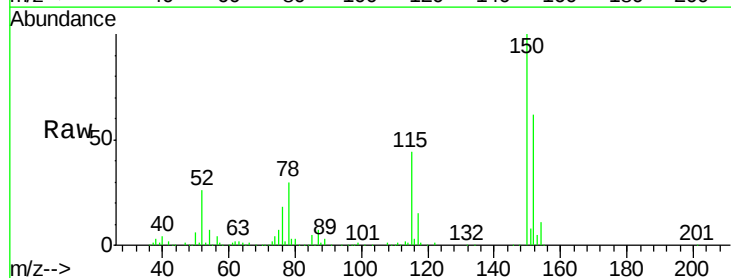
Delta R.T. 0.09 min

Lab File: BG033556.D

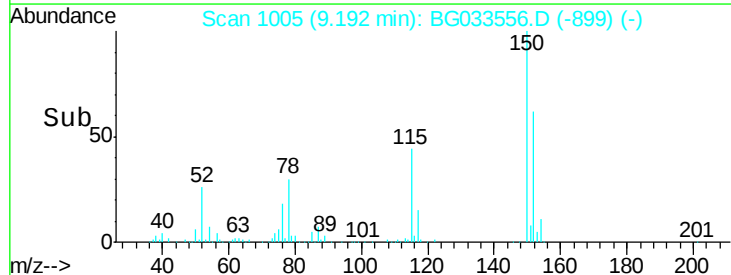
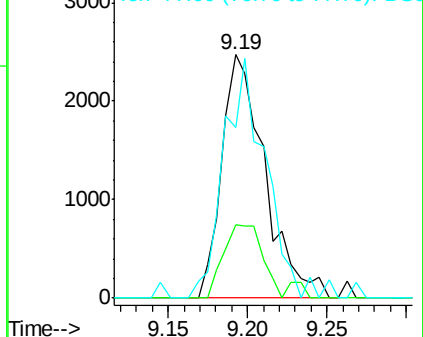
Acq: 4 Apr 2018 12:41

Tgt Ion: 79 Resp: 4653

Ion	Ratio	Lower	Upper
79	100		
108	30.3	57.2	85.8#
77	69.9	46.1	69.1#



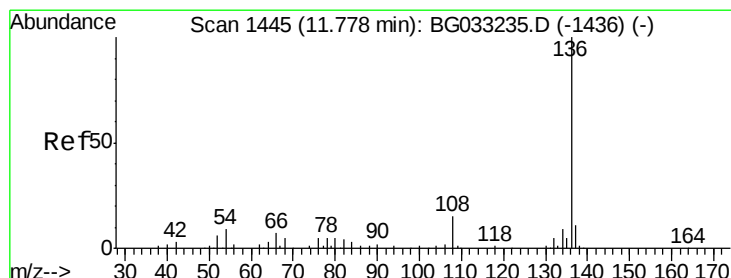
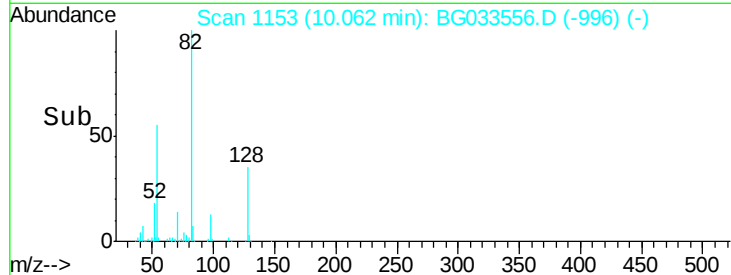
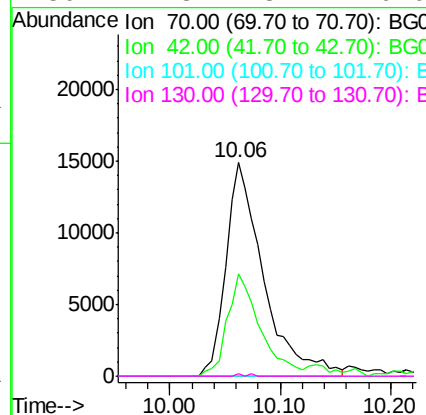
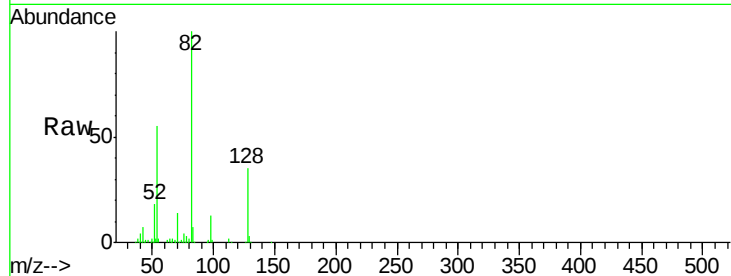
Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





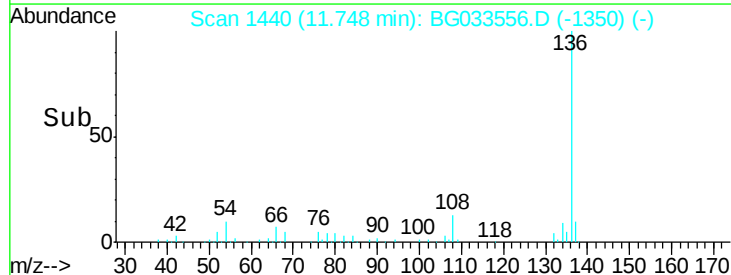
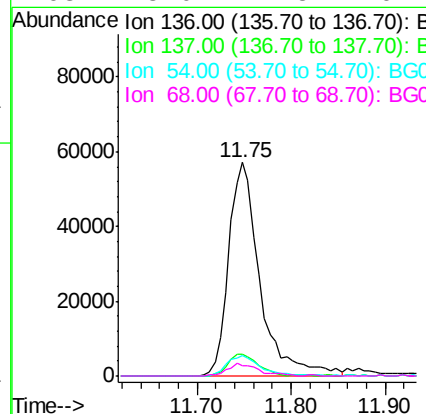
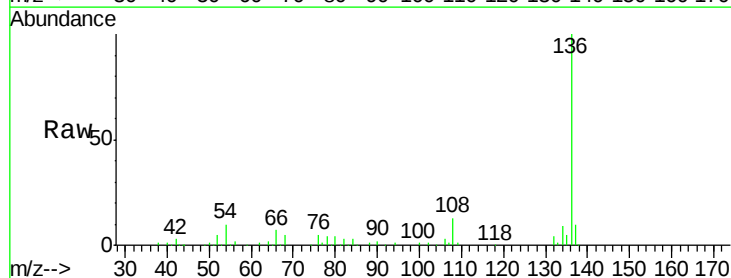
#19
n-Nitroso-di-n-propylamine
Concen: 18.938 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033556.D
Acq: 4 Apr 2018 12:41

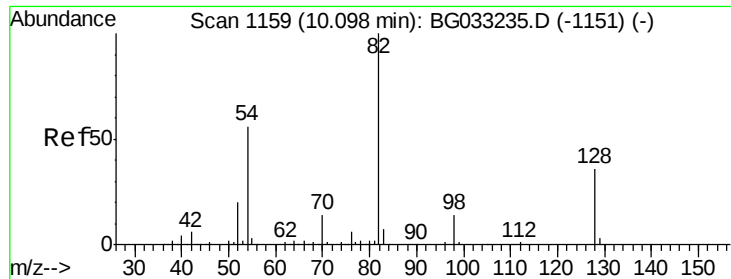
Tot Ion: 70 Resp: 35428
Ion Ratio Lower Upper
70 100
42 47.7 49.1 73.7#
101 0.0 8.5 12.7#
130 1.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG033556.D
Acq: 4 Apr 2018 12:41

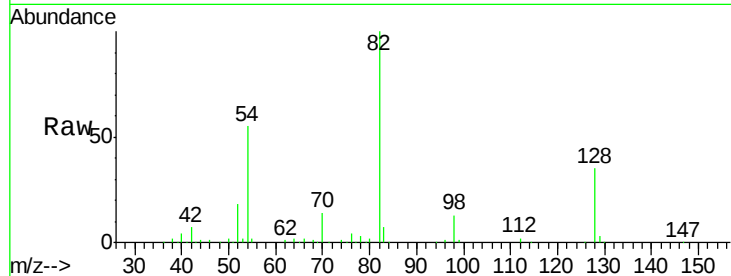
Tgt Ion: 136 Resp: 132530
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 9.9 10.3 15.5#
68 5.0 4.5 6.7



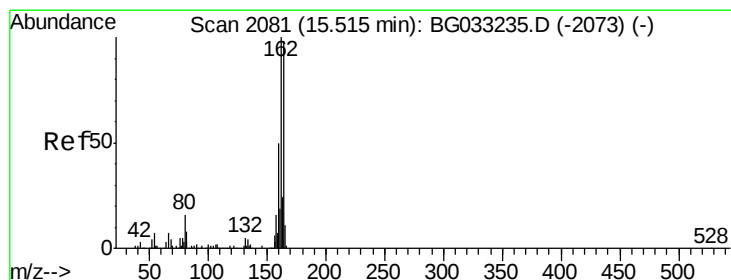
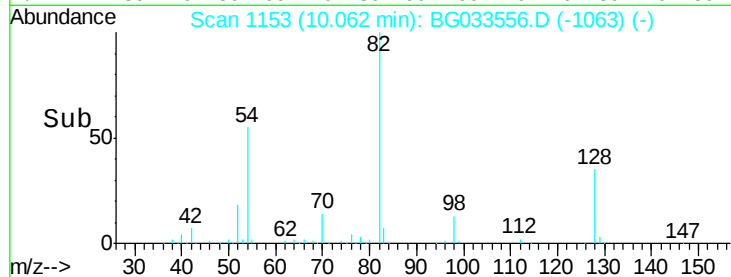
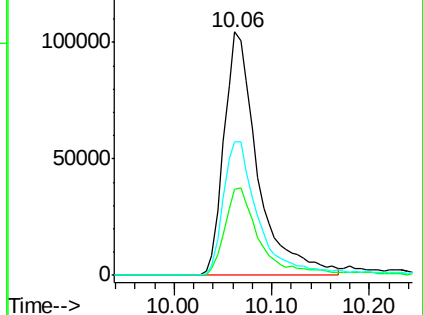


#23
Nitrobenzene-d5
Concen: 87.241 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033556.D
Acq: 4 Apr 2018 12:41

Tot Ion	82	Resp	251655
Ion Ratio	100	Lower	Upper
128	35.5	29.7	44.5
54	55.1	43.1	64.7

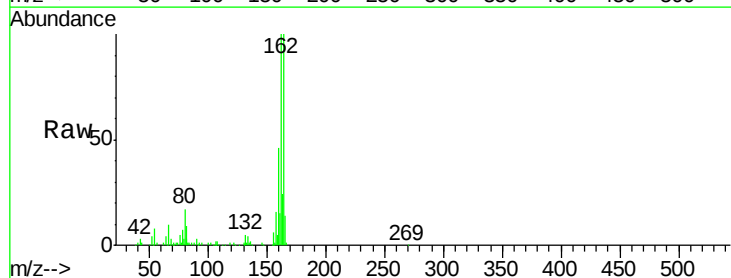


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

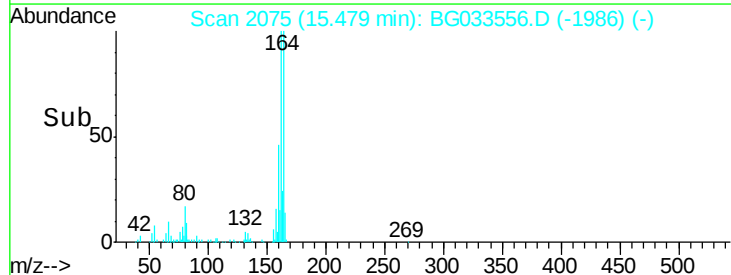
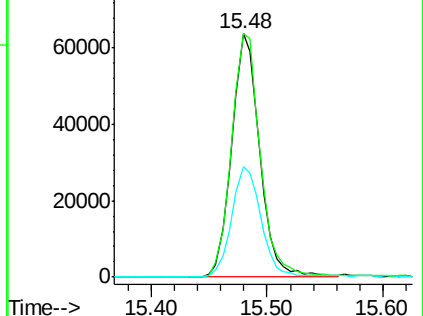


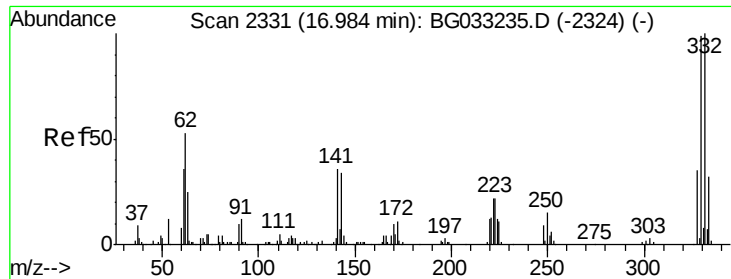
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033556.D
Acq: 4 Apr 2018 12:41

Tgt Ion	164	Resp	107508
Ion Ratio	100	Lower	Upper
162	100.2	78.8	118.2
160	45.6	35.4	53.0



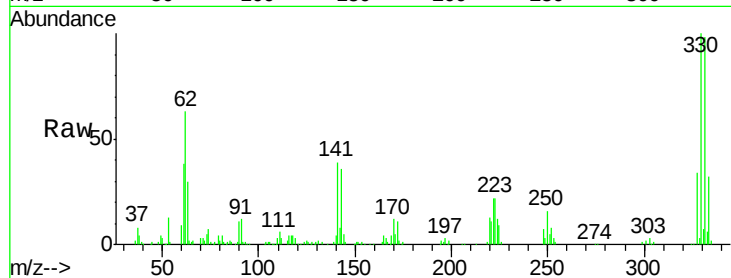
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



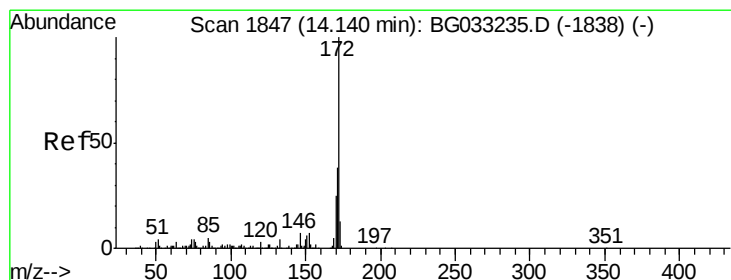
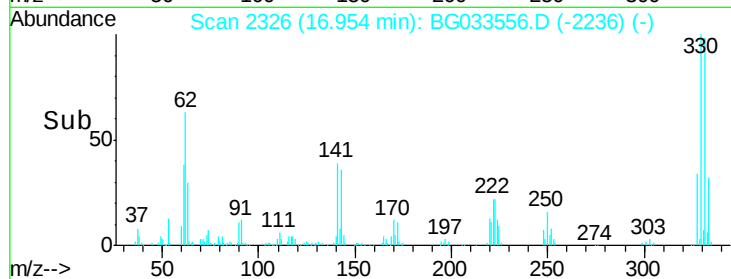
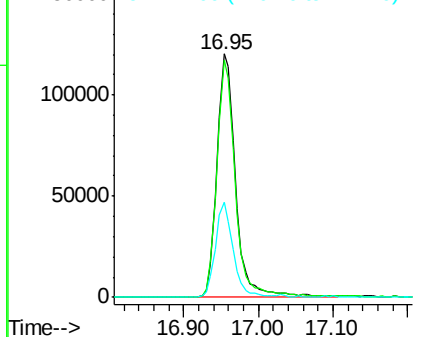


#41
 2,4,6-Tribromophenol
 Concen: 129.690 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033556.D
 Acq: 4 Apr 2018 12:41

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	36.8	25.2	37.8

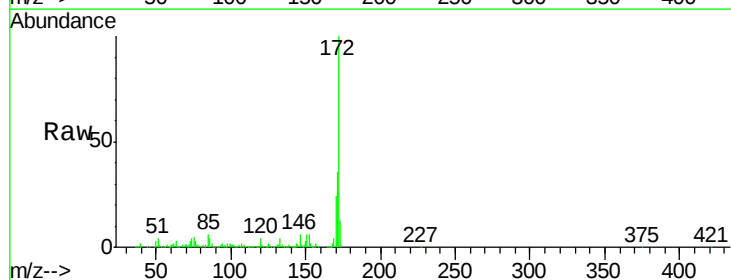


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

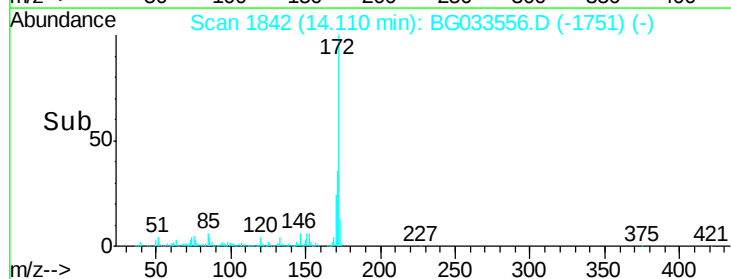
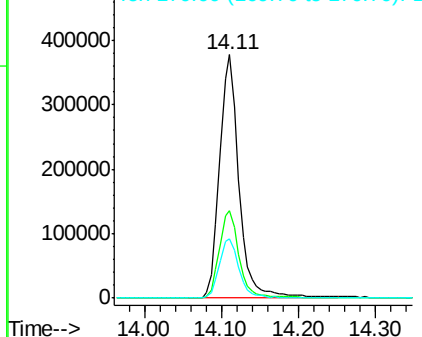


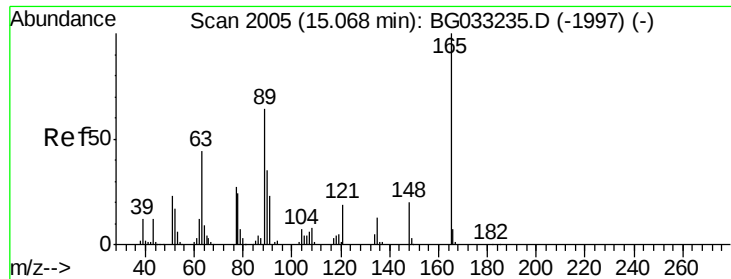
#44
 2-Fluorobiphenyl
 Concen: 88.991 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033556.D
 Acq: 4 Apr 2018 12:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	24.3	19.5	29.3



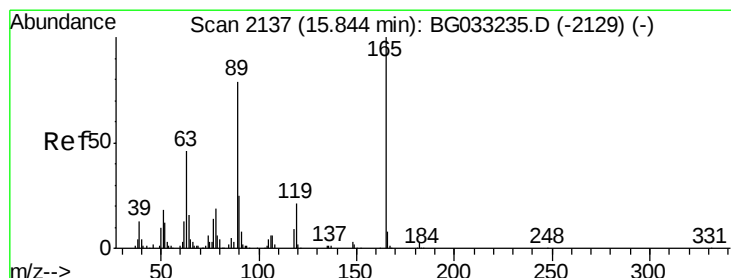
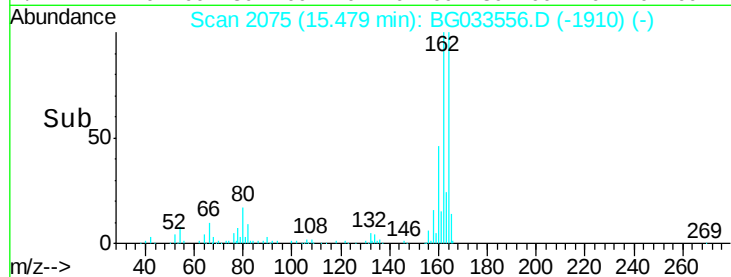
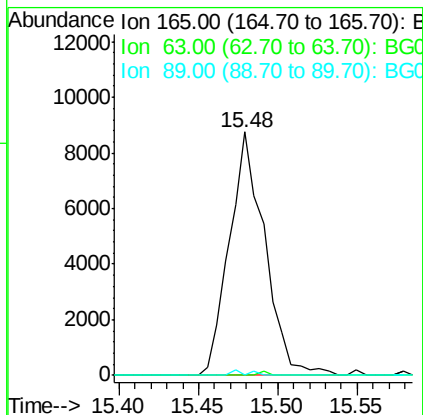
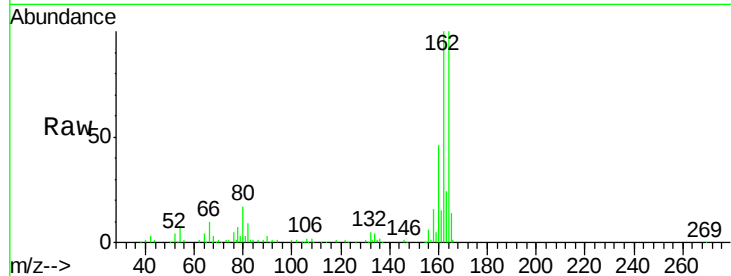
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





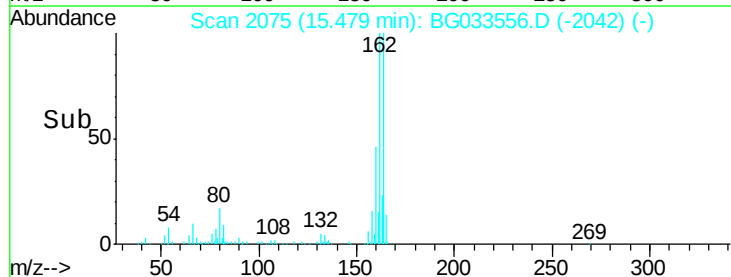
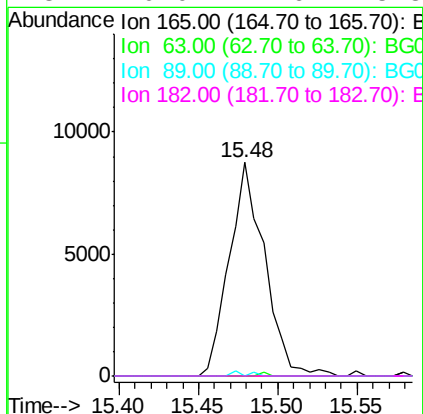
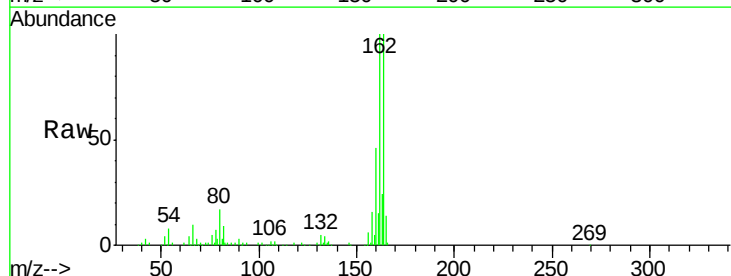
#50
 2,6-Dinitrotoluene
 Concen: 7.101 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.44 min
 Lab File: BG033556.D
 Acq: 4 Apr 2018 12:41

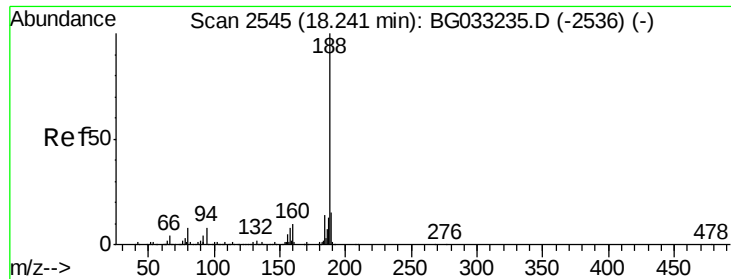
Tot Ion:165 Resp: 13585
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.823 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033556.D
 Acq: 4 Apr 2018 12:41

Tgt Ion:165 Resp: 13585
 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#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033556.D

Acq: 4 Apr 2018 12:41

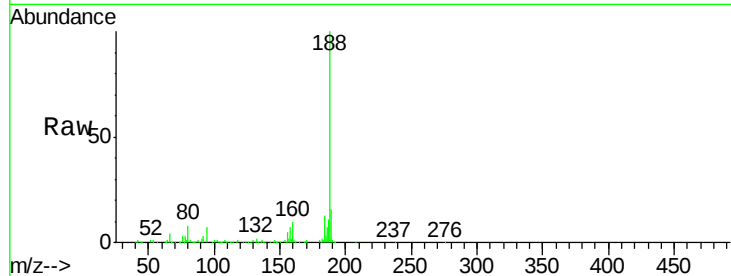
Tot Ion:188 Resp: 306586

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

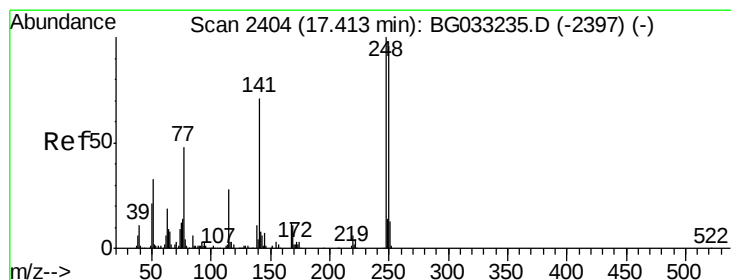
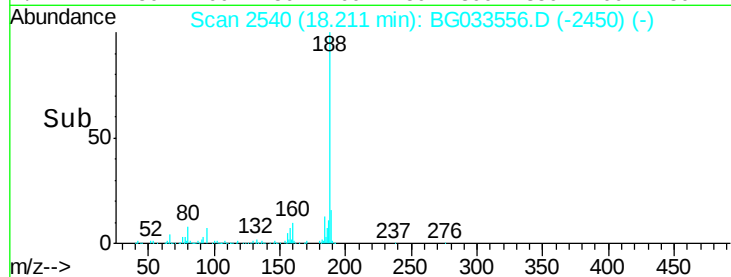
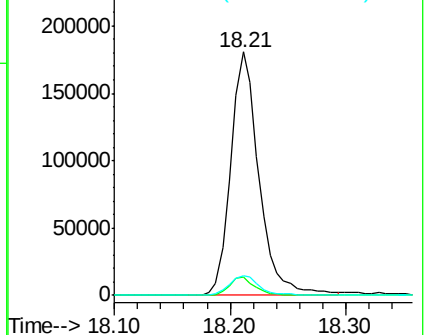
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#66

4-Bromophenyl-phenylether

Concen: 4.280 ng

RT: 16.96 min Scan# 2327

Delta R.T. -0.43 min

Lab File: BG033556.D

Acq: 4 Apr 2018 12:41

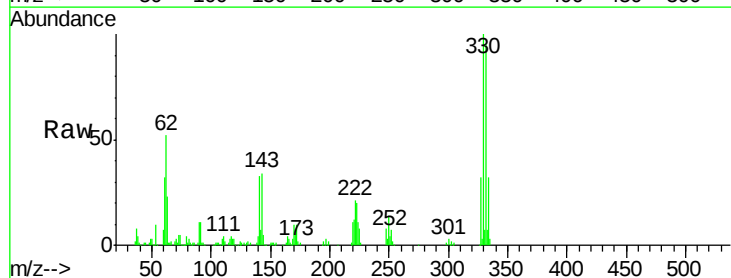
Tgt Ion:248 Resp: 15411

Ion Ratio Lower Upper

248 100

250 179.8 77.1 115.7#

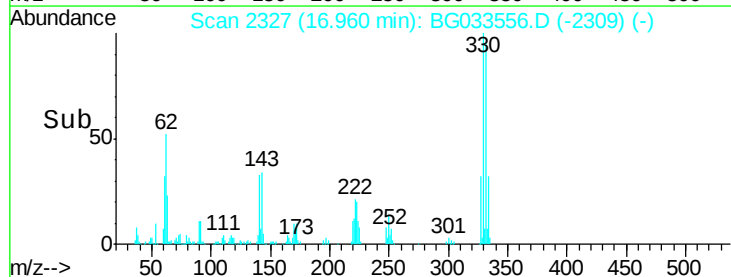
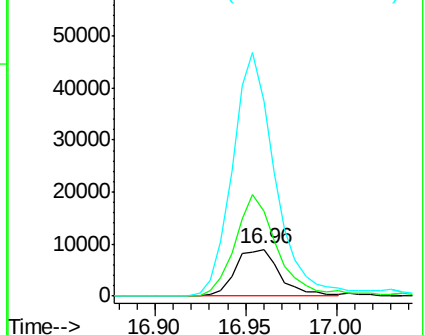
141 414.2 50.8 76.2#

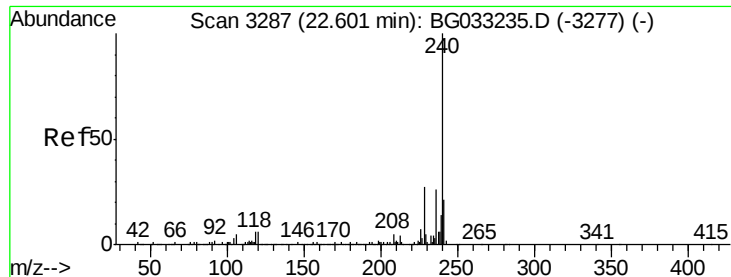


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG033556.D

Acq: 4 Apr 2018 12:41

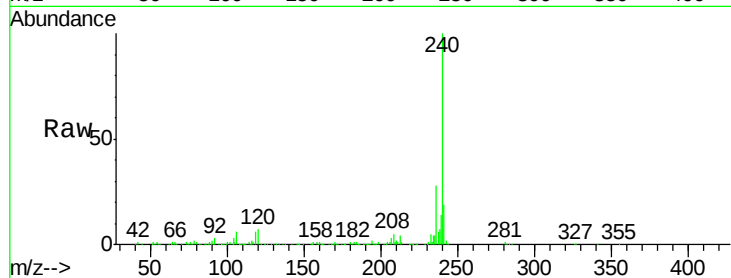
Tot Ion:240 Resp: 321341

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

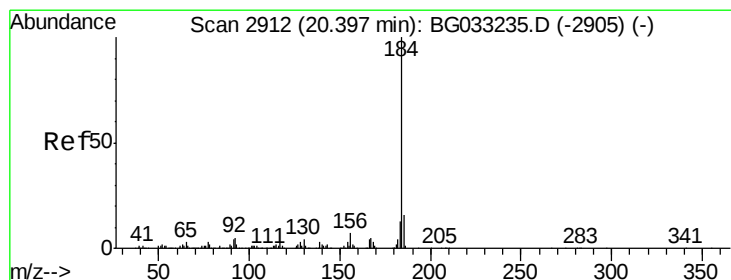
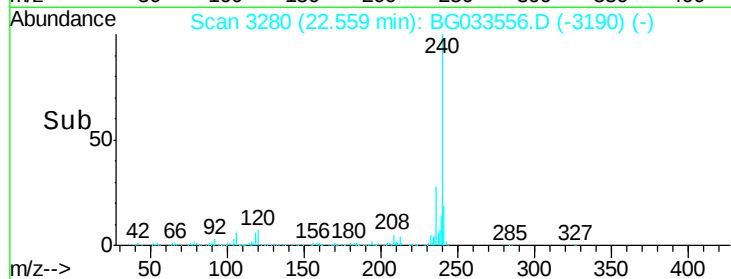
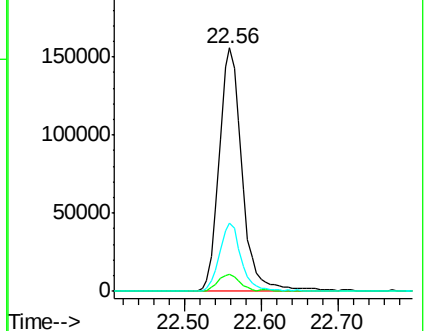
236 28.1 20.9 31.3



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: 2.571 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033556.D

Acq: 4 Apr 2018 12:41

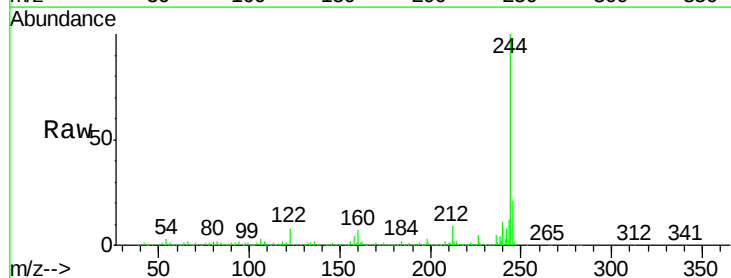
Tgt Ion:184 Resp: 22403

Ion Ratio Lower Upper

184 100

185 18.4 11.1 16.7#

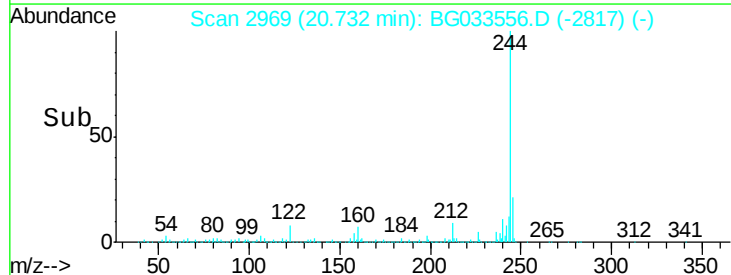
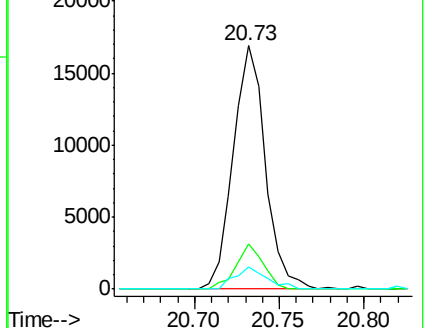
183 9.0 10.6 16.0#

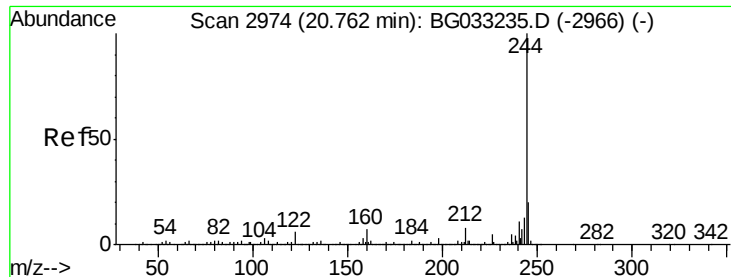


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

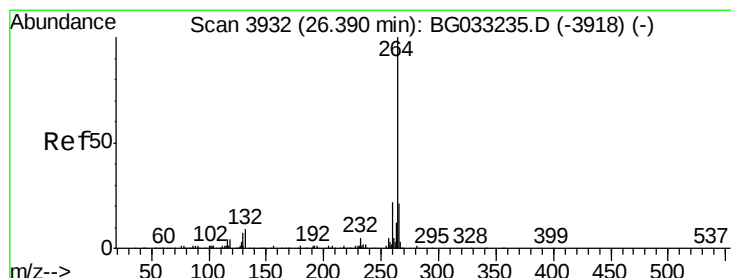
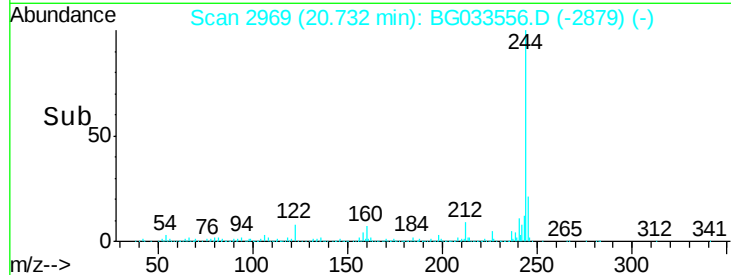
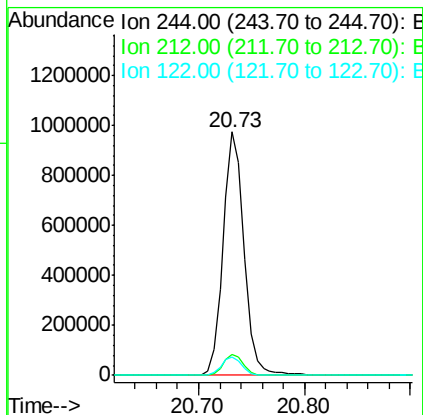
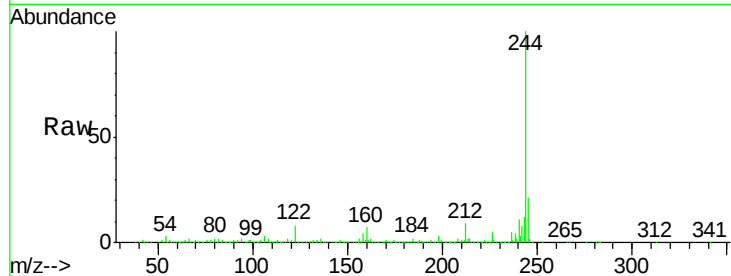




#78
 Terphenyl-d14
 Concen: 89.108 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BG033556.D
 Acq: 4 Apr 2018 12:41

Tot Ion:244 Resp: 1338906

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



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3922
 Delta R.T. 0.01 min
 Lab File: BG033556.D
 Acq: 4 Apr 2018 12:41

Tgt Ion:264 Resp: 328747

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	22.1	17.7	26.5

