

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033588.D
 Acq On : 5 Apr 2018 10:04
 Operator : SJ/JU
 Sample : PB107976BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

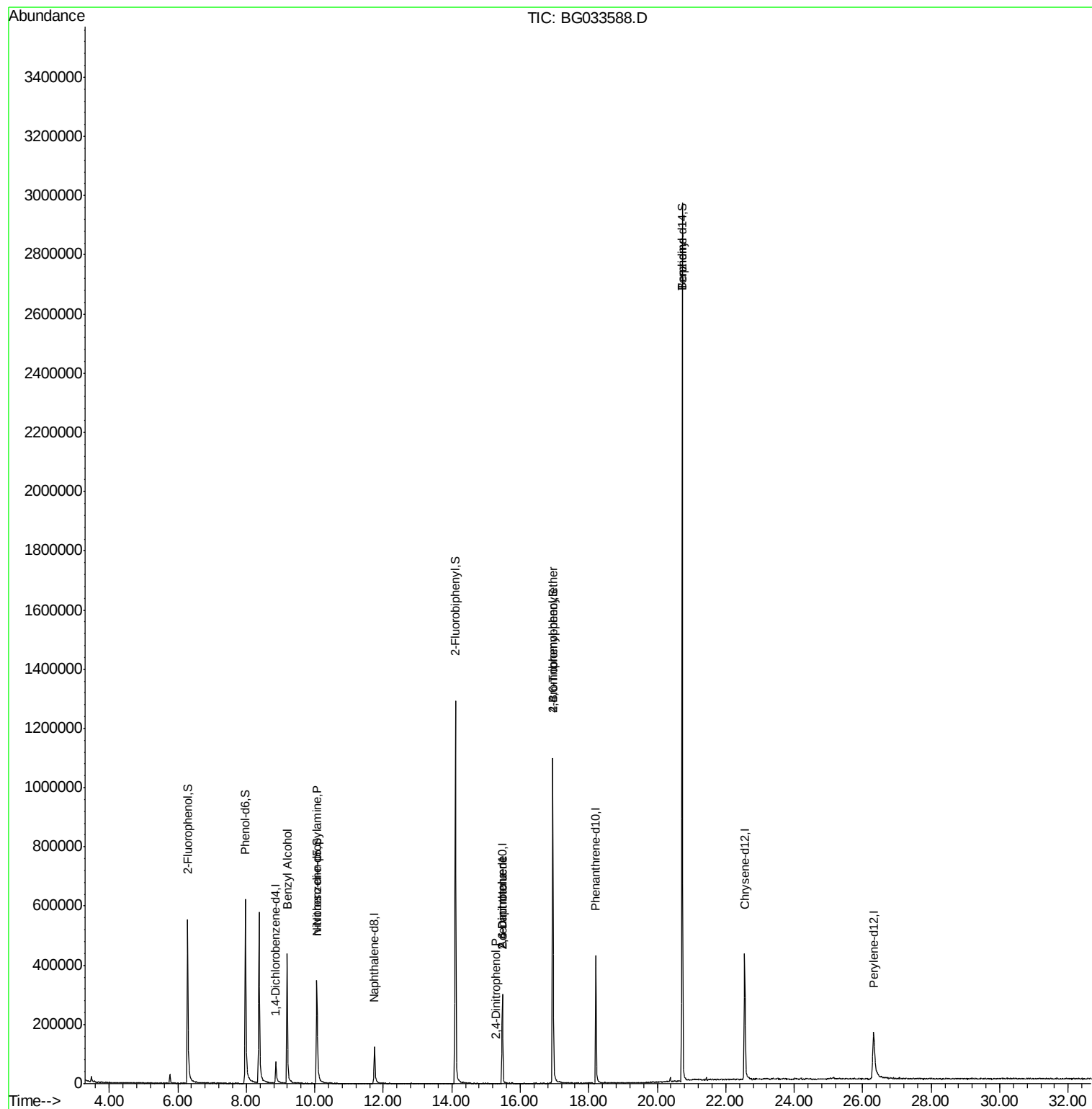
Quant Time: Apr 05 11:12:01 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

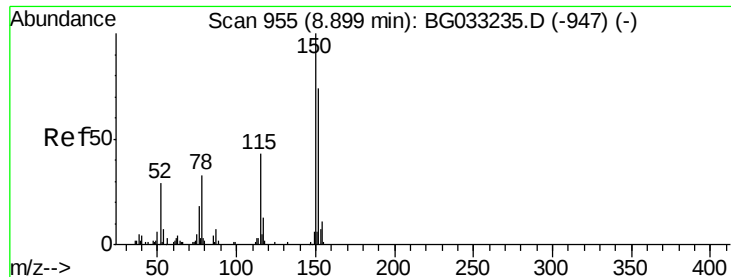
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	26875	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	136530	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	112371	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	314221	20.00	ng	0.00
75) Chrysene-d12	22.55	240	326182	20.00	ng	0.00
86) Perylene-d12	26.31	264	284901	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	283003	197.46	ng	0.00
7) Phenol-d6	7.97	99	451431	183.31	ng	0.00
23) Nitrobenzene-d5	10.06	82	272754	91.79	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	225051	133.91	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	736762	94.65	ng	0.00
78) Terphenyl-d14	20.73	244	1486036	97.43	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	4421	2.280	ng	# 33
19) n-Nitroso-di-n-propylamine	10.06	70	34909	19.346	ng	# 76
50) 2,6-Dinitrotoluene	15.48	165	14081	7.042	ng	# 18
53) 2,4-Dinitrophenol	15.28	184	86	7.718	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	14081	4.783	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	17197	4.660	ng	# 1
76) Benizidine	20.73	184	25553	2.889	ng	# 93

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

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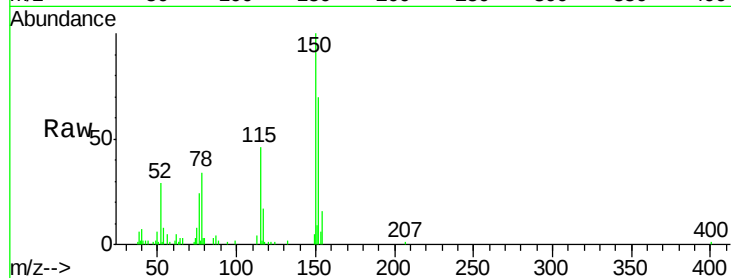




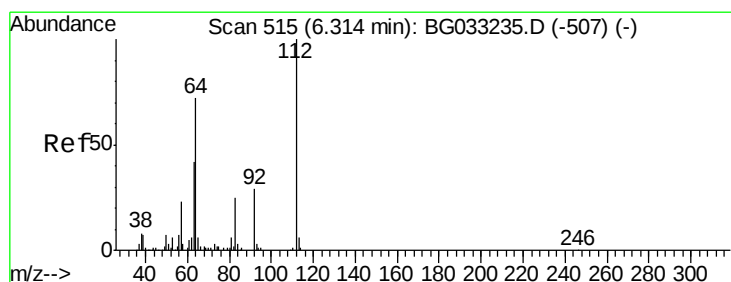
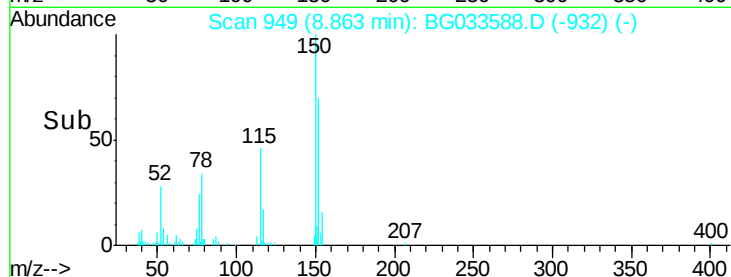
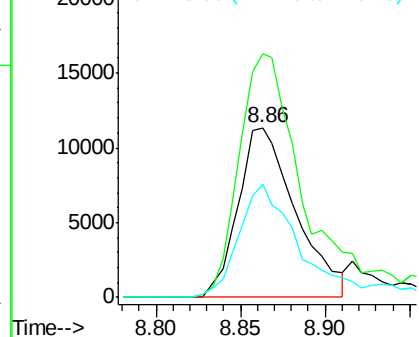
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033588.D
Acq: 5 Apr 2018 10:04

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.7	126.6	189.8
115	66.4	53.0	79.4



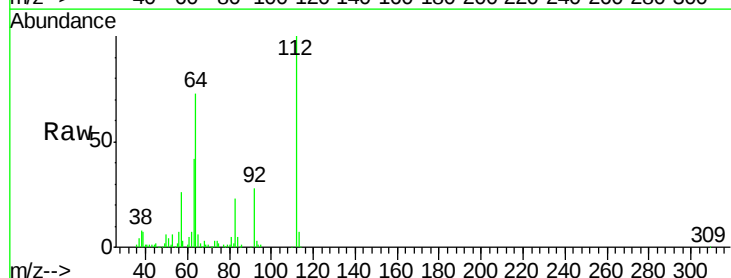
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



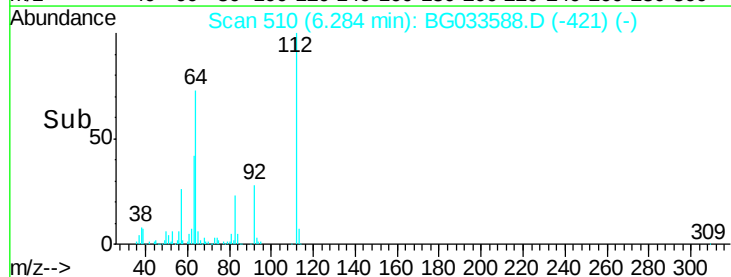
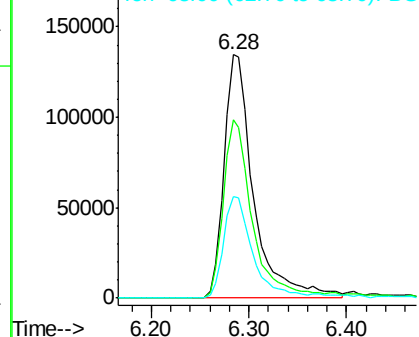
#5

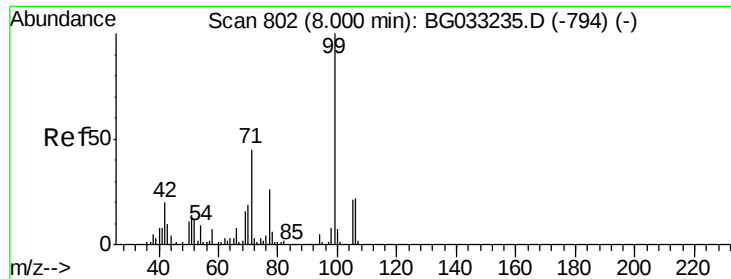
2-Fluorophenol
Concen: 197.457 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033588.D
Acq: 5 Apr 2018 10:04

Tgt 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: 183.315 ng

RT: 7.97 min Scan# 797

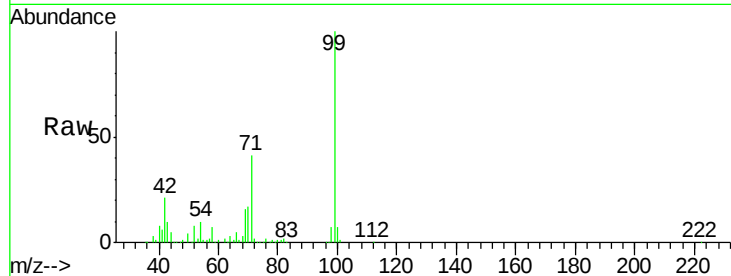
Delta R.T. -0.01 min

Lab File: BG033588.D

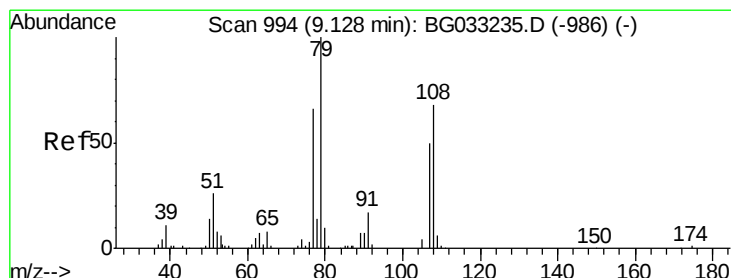
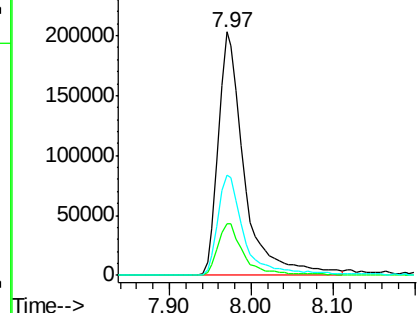
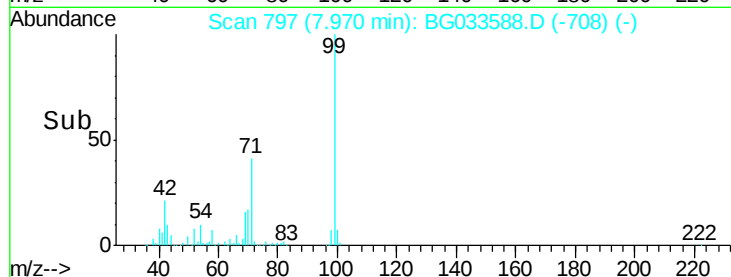
Acq: 5 Apr 2018 10:04

Tot Ion: 99 Resp: 451431

Ion	Ratio	Lower	Upper
99	100		
42	21.2	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: 2.280 ng

RT: 9.20 min Scan# 1006

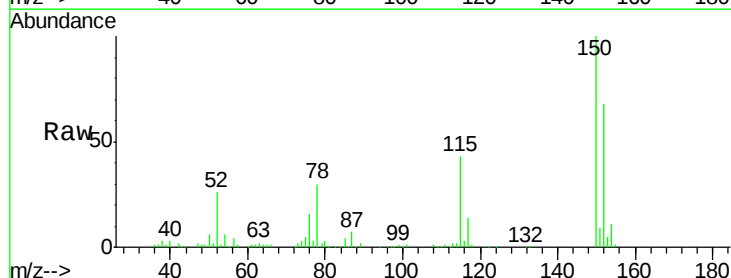
Delta R.T. 0.10 min

Lab File: BG033588.D

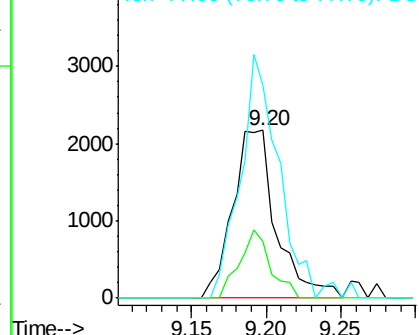
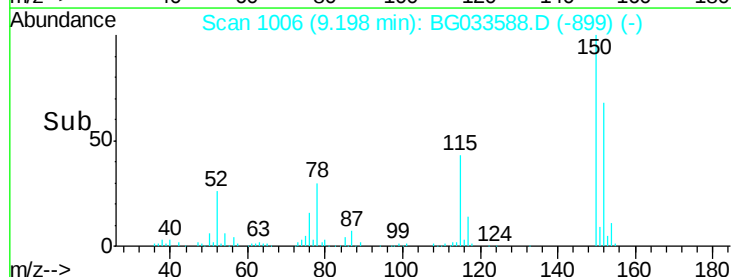
Acq: 5 Apr 2018 10:04

Tgt Ion: 79 Resp: 4421

Ion	Ratio	Lower	Upper
79	100		
108	34.1	57.2	85.8#
77	127.1	46.1	69.1#



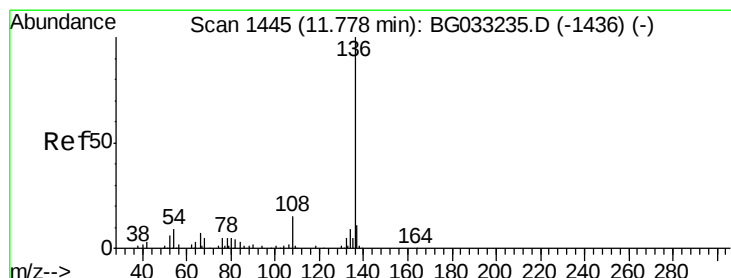
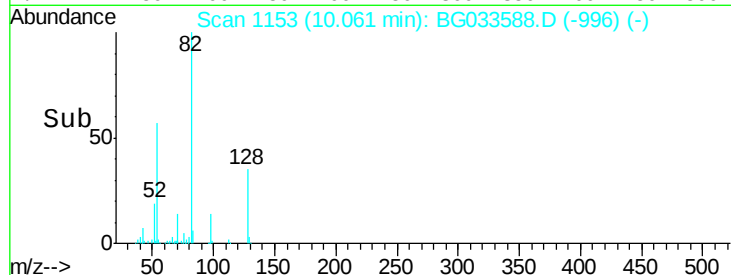
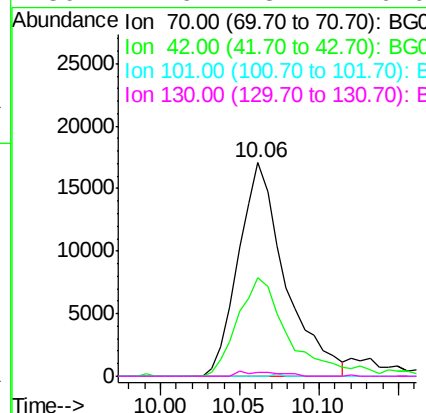
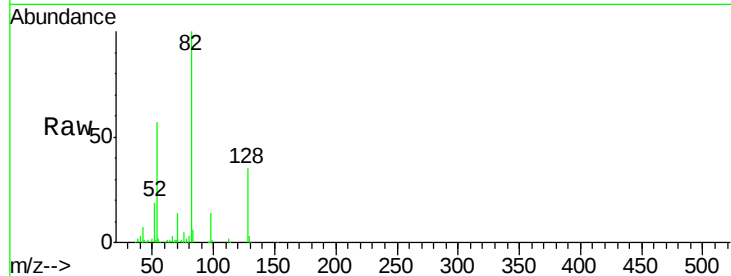
Abundance Ion 79.00 (78.70 to 79.70): BGC
 Ion 108.00 (107.70 to 108.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





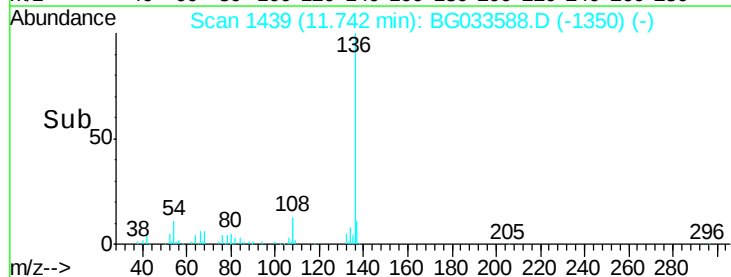
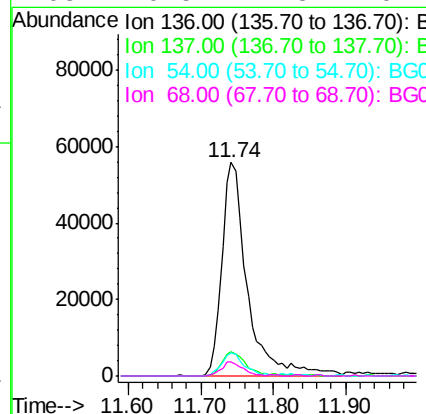
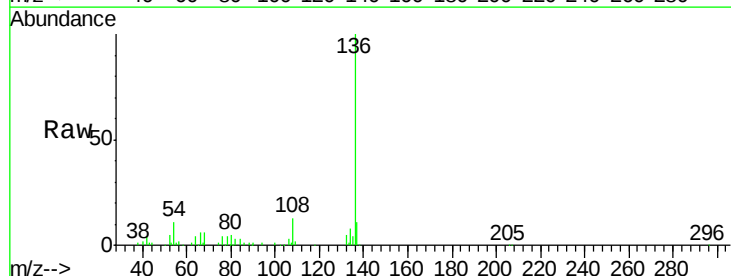
#19
n-Nitroso-di-n-propylamine
Concen: 19.346 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033588.D
Acq: 5 Apr 2018 10:04

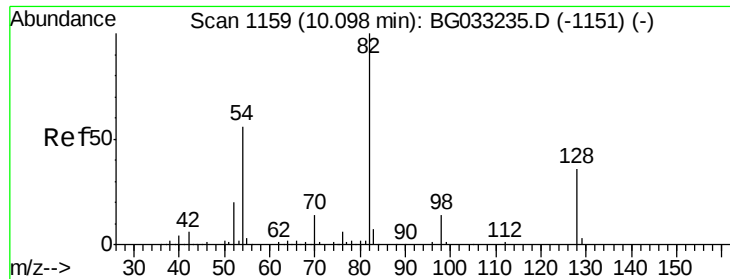
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.4	49.1	73.7#	
101	0.0	8.5	12.7#	
130	1.6	13.4	20.0#	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033588.D
Acq: 5 Apr 2018 10:04

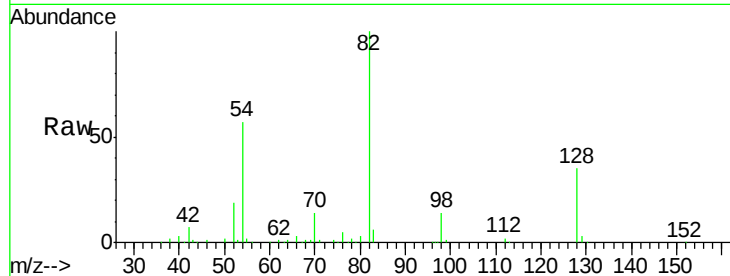
Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.4	9.2	13.8	
54	10.6	10.3	15.5	
68	6.5	4.5	6.7	



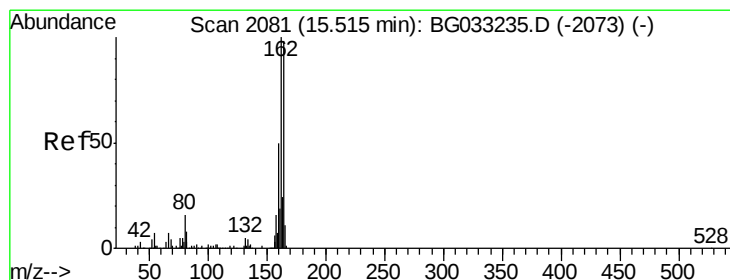
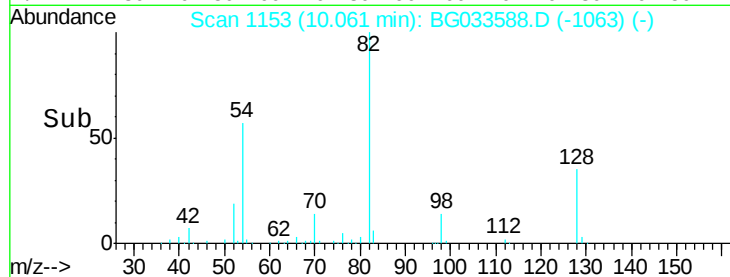
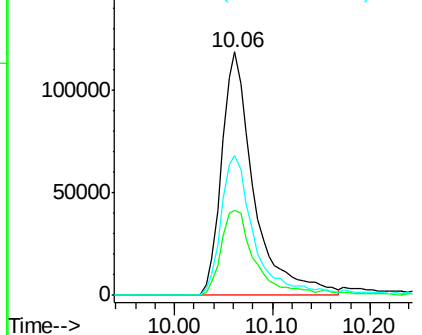


#23
 Nitrobenzene-d5
 Concen: 91.785 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033588.D
 Acq: 5 Apr 2018 10:04

Tot Ion	82	Resp	272754
Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	57.5	43.1	64.7

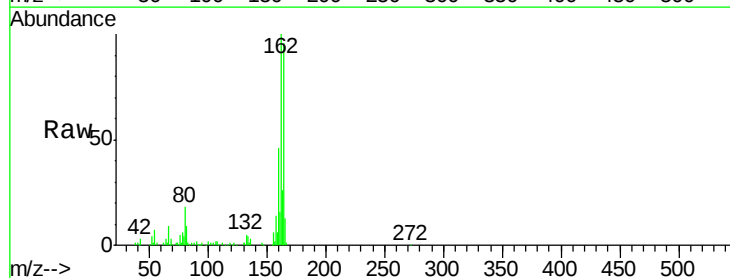


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

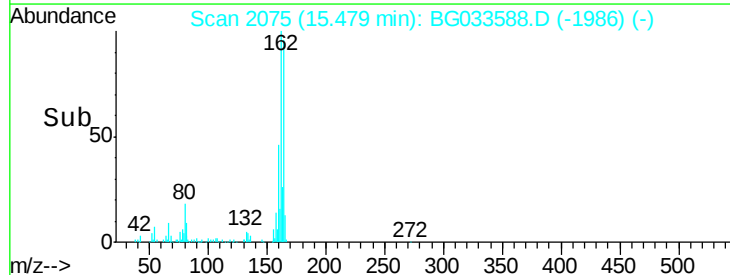
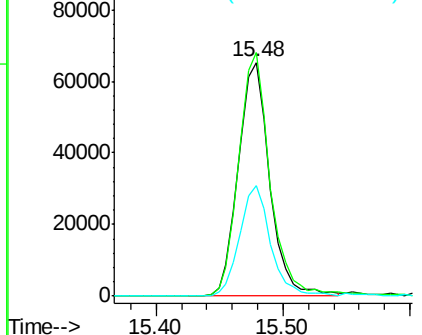


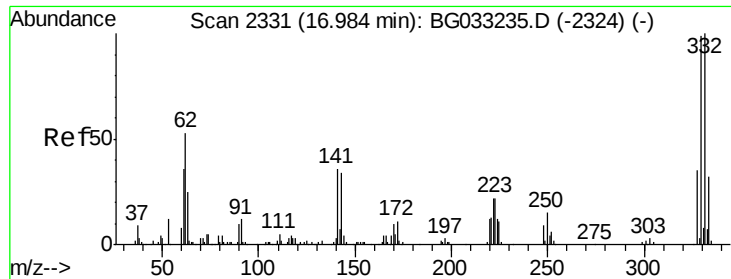
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033588.D
 Acq: 5 Apr 2018 10:04

Tgt Ion	164	Resp	112371
Ion	Ratio	Lower	Upper
164	100		
162	104.2	78.8	118.2
160	47.5	35.4	53.0



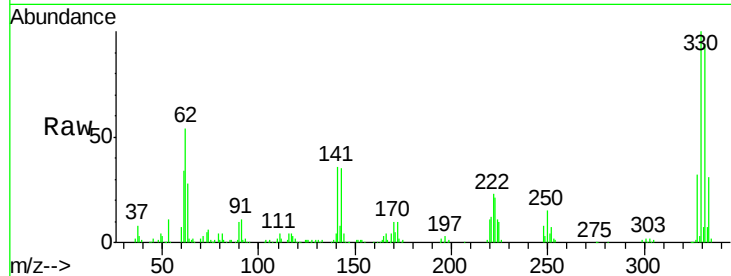
Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC



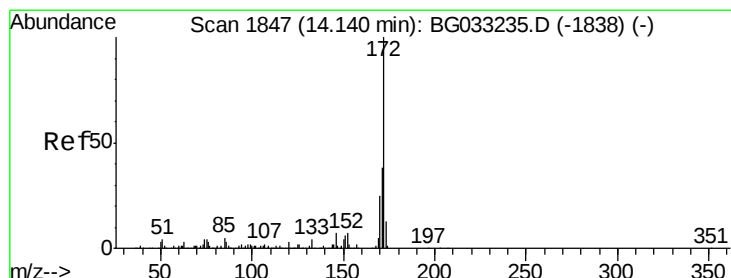
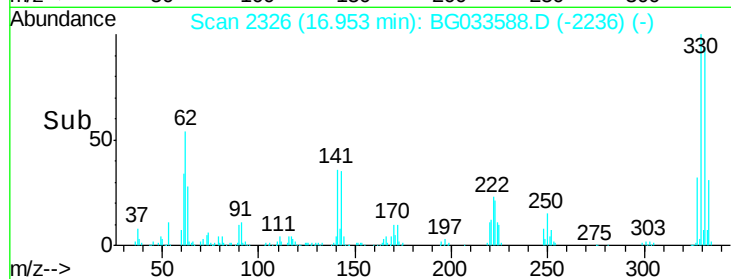
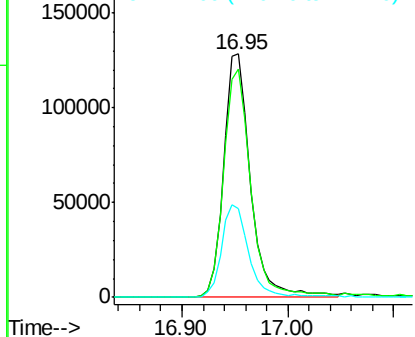


#41
 2,4,6-Tribromophenol
 Concen: 133.908 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033588.D
 Acq: 5 Apr 2018 10:04

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	39.1	25.2	37.8#

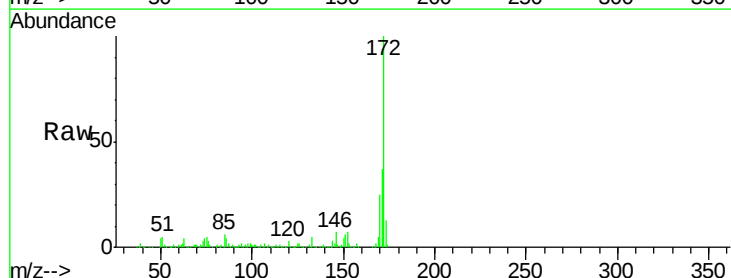


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

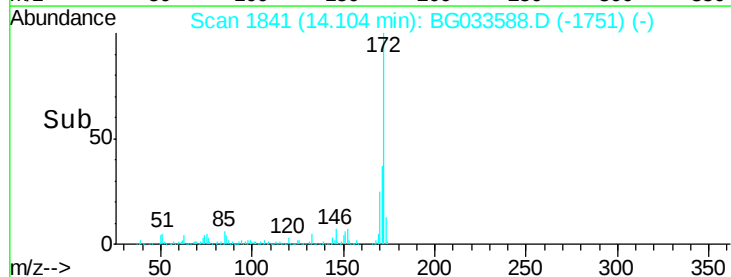
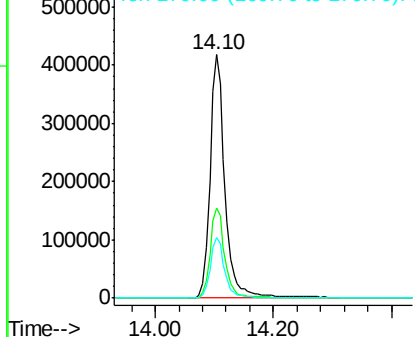


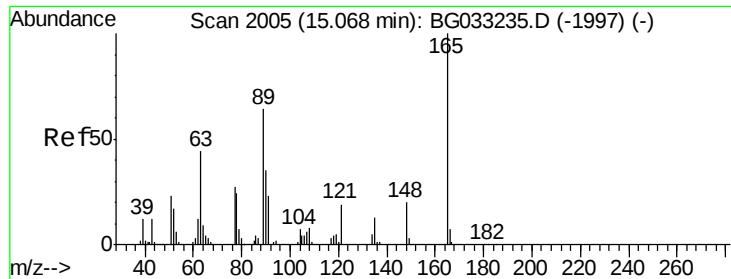
#44
 2-Fluorobiphenyl
 Concen: 94.652 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033588.D
 Acq: 5 Apr 2018 10:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	25.1	19.5	29.3



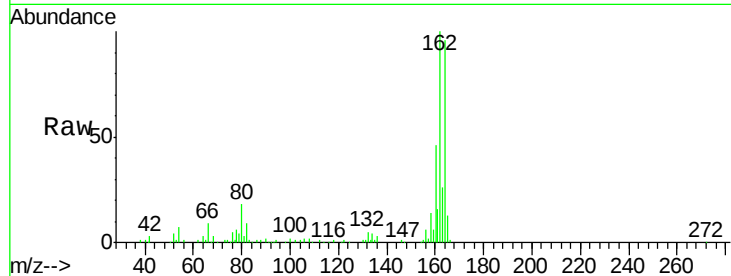
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



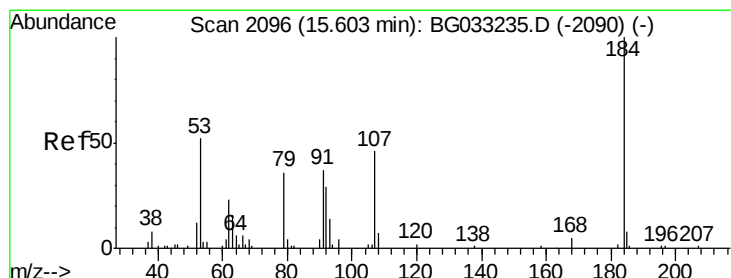
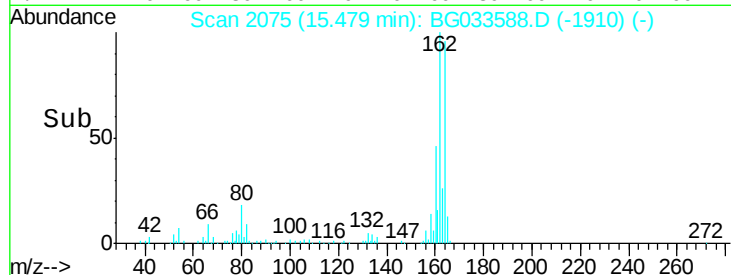
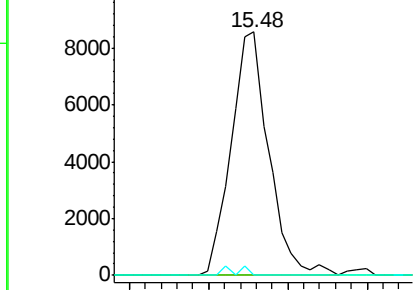


#50
 2,6-Dinitrotoluene
 Concen: 7.042 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.44 min
 Lab File: BG033588.D
 Acq: 5 Apr 2018 10:04

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

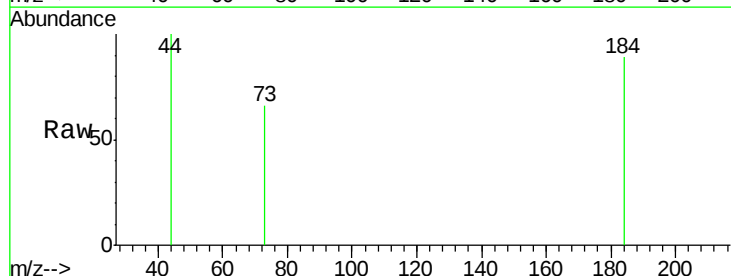


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

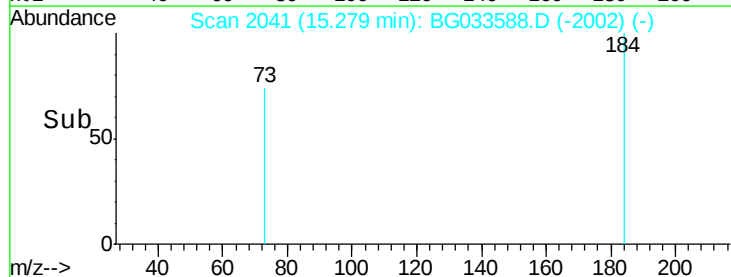
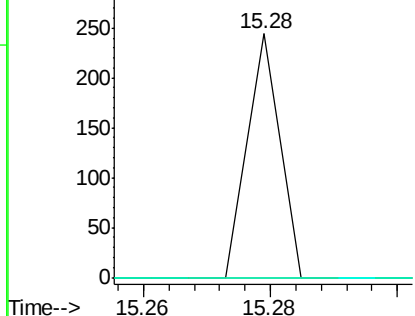


#53
 2,4-Dinitrophenol
 Concen: 7.718 ng
 RT: 15.28 min Scan# 2041
 Delta R.T. -0.30 min
 Lab File: BG033588.D
 Acq: 5 Apr 2018 10:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#



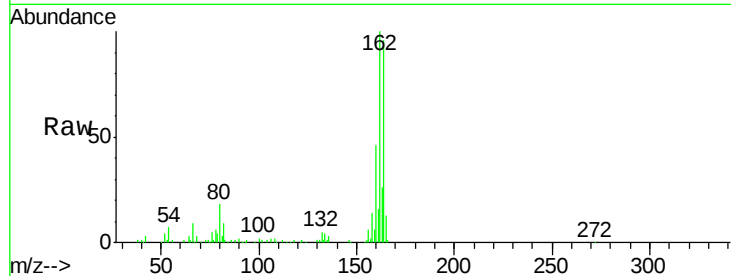
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





#56
 2,4-Dinitrotoluene
 Concen: 4.783 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033588.D
 Acq: 5 Apr 2018 10:04

Tot 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#

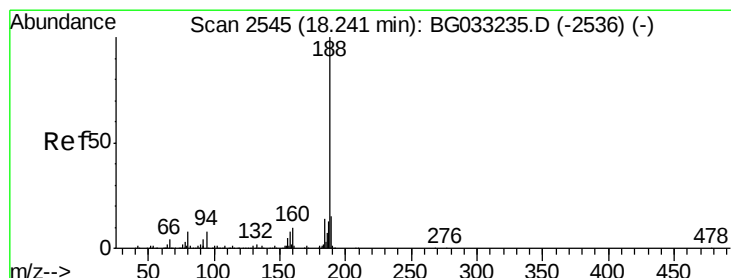
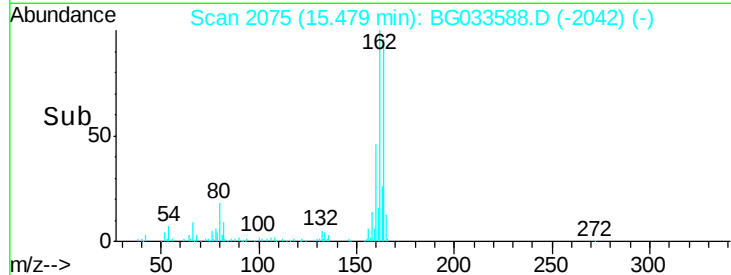
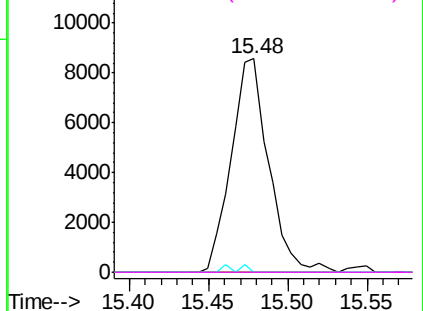


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

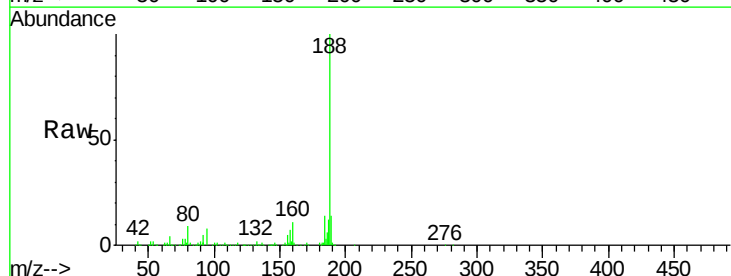
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033588.D
 Acq: 5 Apr 2018 10:04

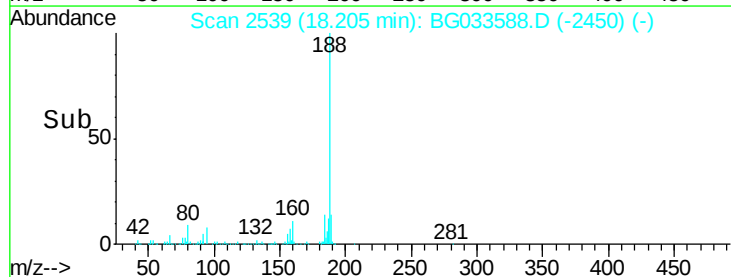
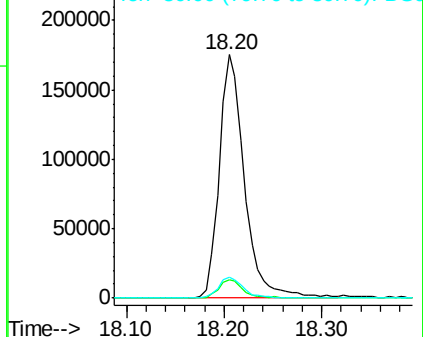
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	8.5	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

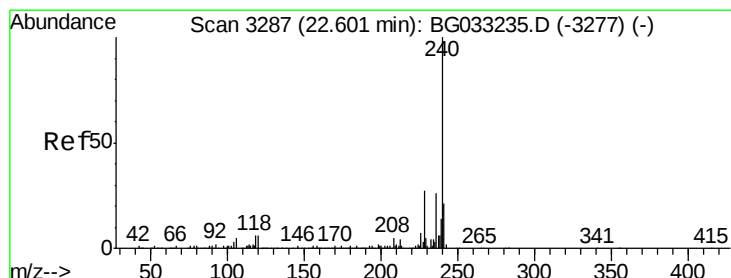
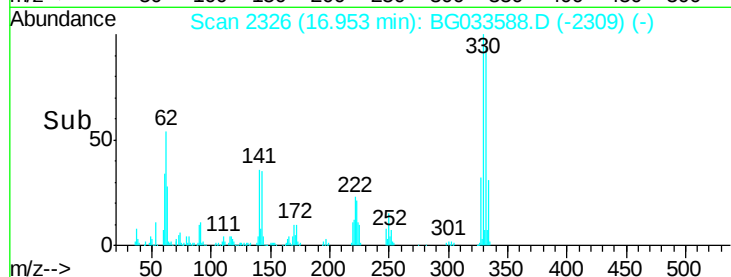
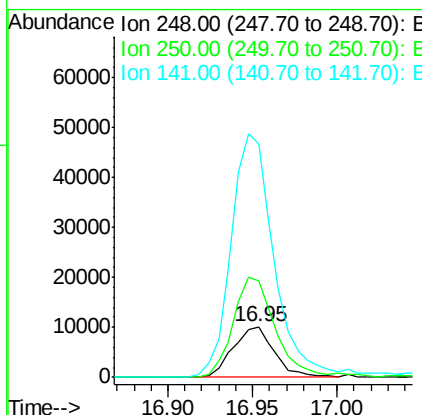
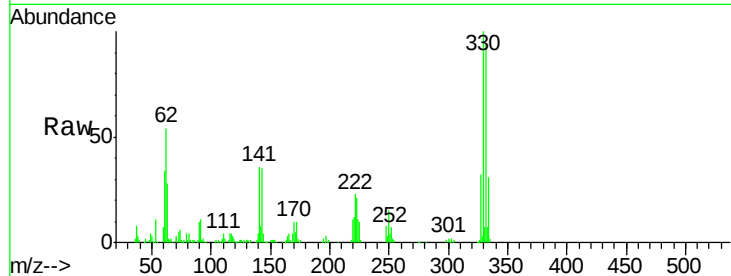
Ion 80.00 (79.70 to 80.70): BGC





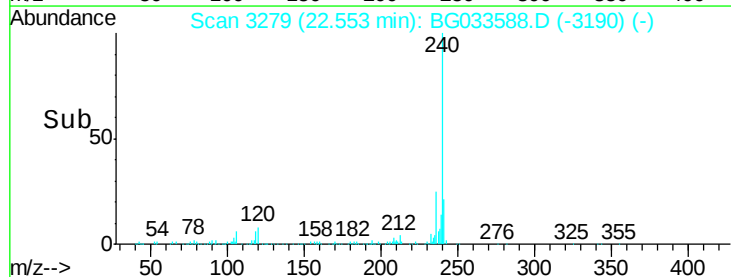
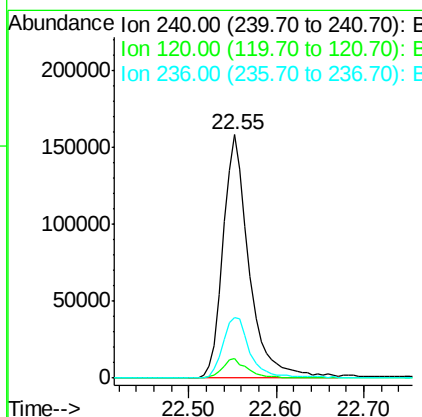
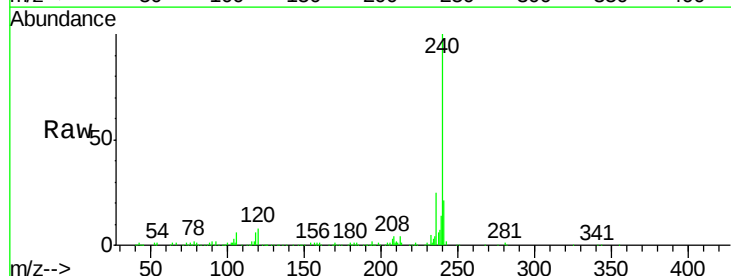
#66
4-Bromophenyl-phenylether
Concen: 4.660 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033588.D
Acq: 5 Apr 2018 10:04

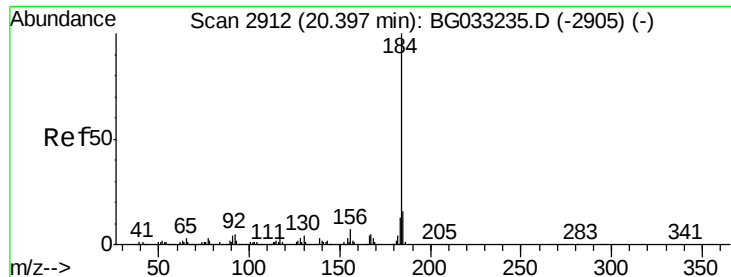
Tot Ion:248 Resp: 17197
Ion Ratio Lower Upper
248 100
250 190.1 77.1 115.7#
141 462.5 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033588.D
Acq: 5 Apr 2018 10:04

Tgt Ion:240 Resp: 326182
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 24.8 20.9 31.3





#76

Benzidine

Concen: 2.889 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033588.D

Acq: 5 Apr 2018 10:04

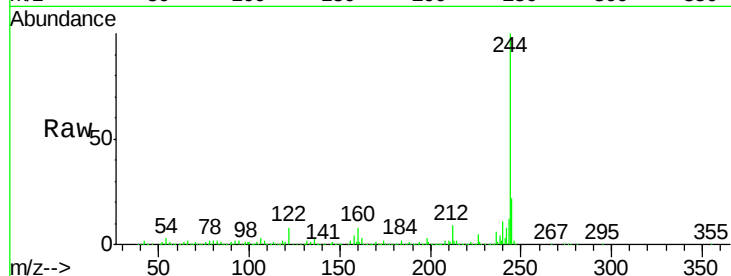
Tot Ion:184 Resp: 25553

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

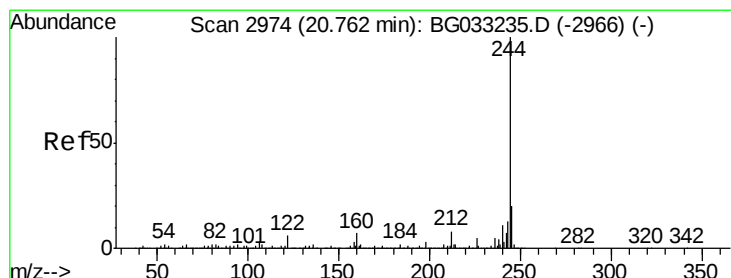
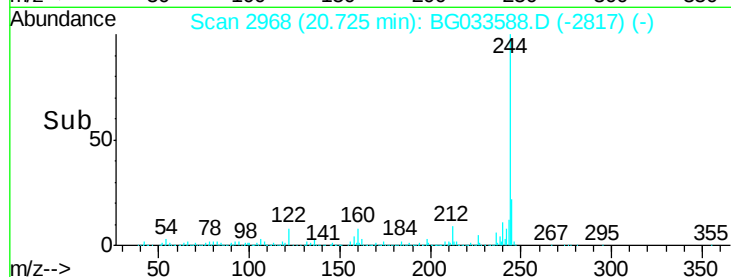
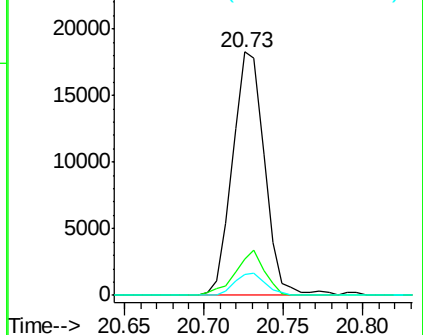
183 8.6 10.6 16.0#



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: 97.432 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG033588.D

Acq: 5 Apr 2018 10:04

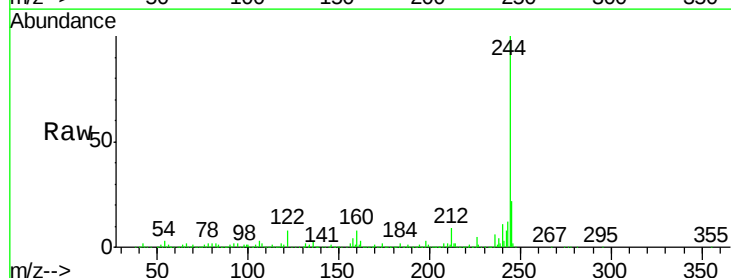
Tgt Ion:244 Resp: 1486036

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

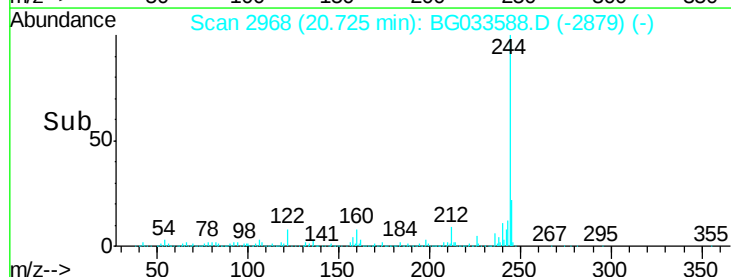
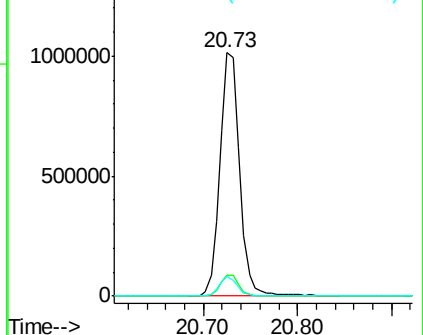
122 8.0 7.0 10.4

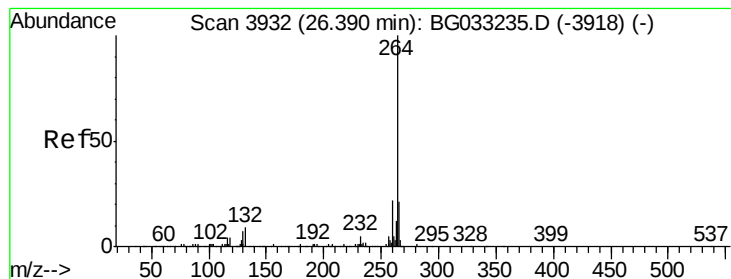


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.31 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BG033588.D

Acq: 5 Apr 2018 10:04

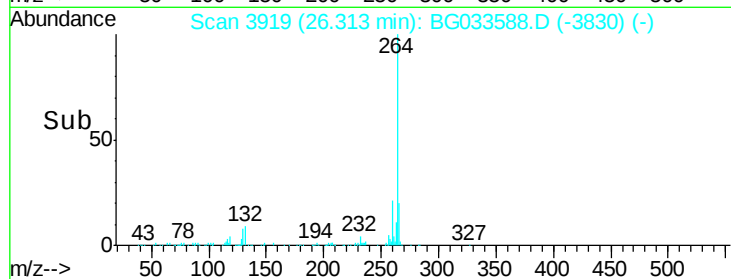
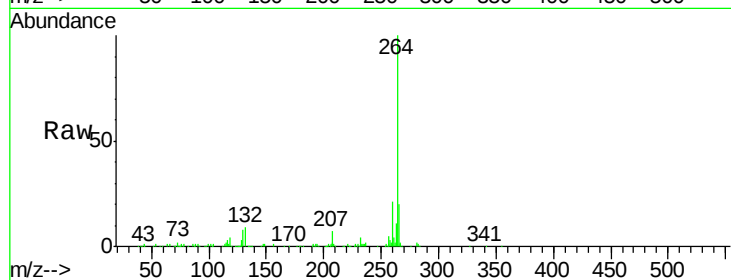
Tot Ion:264 Resp: 284901

Ion Ratio Lower Upper

264 100

260 21.1 17.4 26.0

265 19.8 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

