

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033589.D
 Acq On : 5 Apr 2018 10:42
 Operator : SJ/JU
 Sample : PB107976TB
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

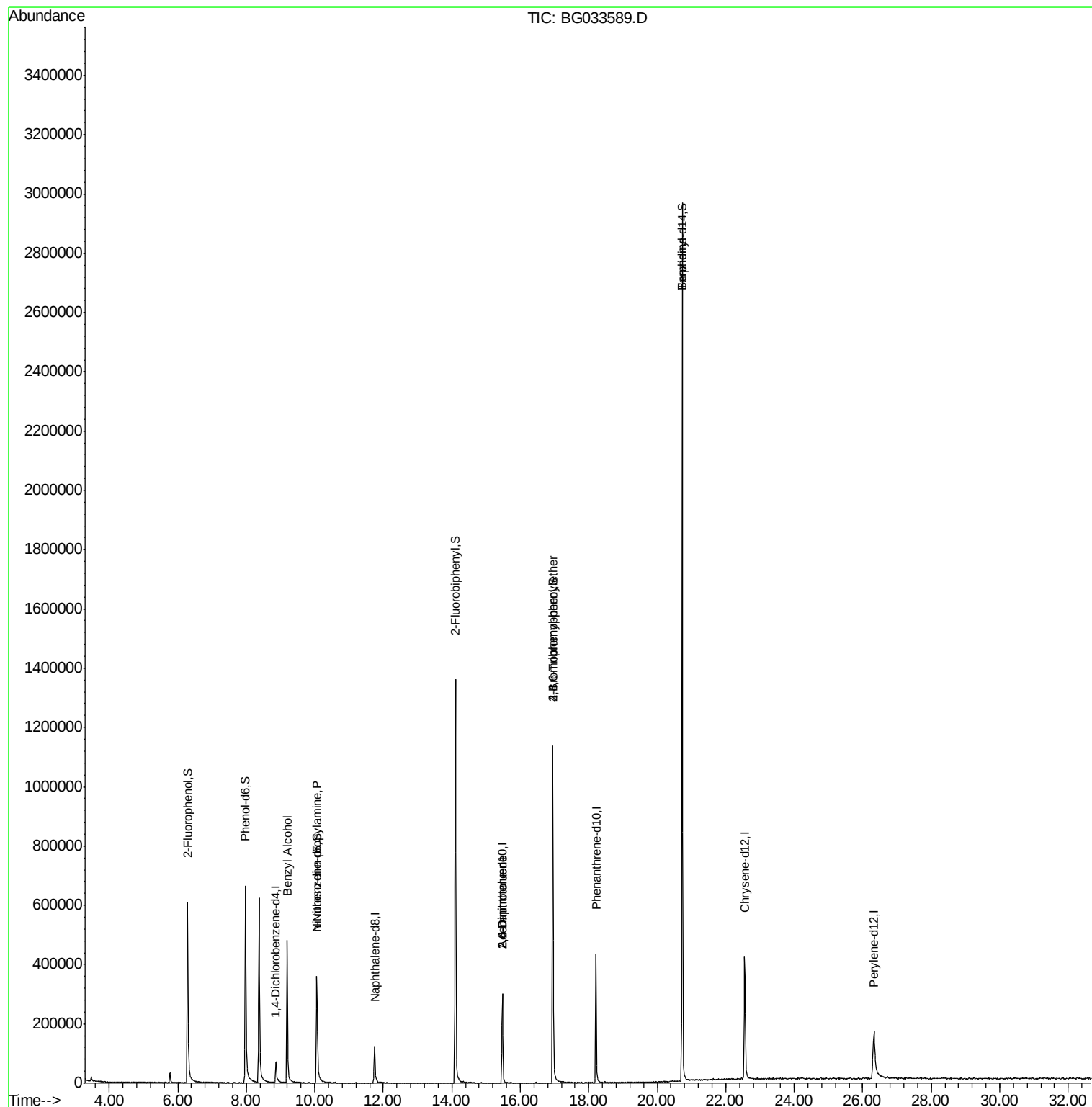
Quant Time: Apr 05 11:28:39 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30416	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	139371	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	114740	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	321641	20.00	ng	0.00
75) Chrysene-d12	22.55	240	328630	20.00	ng	0.00
86) Perylene-d12	26.32	264	299920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	304108	187.48	ng	0.00
7) Phenol-d6	7.98	99	488047	175.11	ng	0.00
23) Nitrobenzene-d5	10.06	82	291926	96.23	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	229901	133.97	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	769691	96.84	ng	0.00
78) Terphenyl-d14	20.73	244	1526168	99.32	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4766	2.172	ng	# 60
19) n-Nitroso-di-n-propylamine	10.06	70	41445	20.294	ng	# 77
50) 2,6-Dinitrotoluene	15.48	165	15293	7.490	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	15377	5.115	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	17971	4.758	ng	# 1
76) Benzidine	20.73	184	26787	3.006	ng	# 88

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

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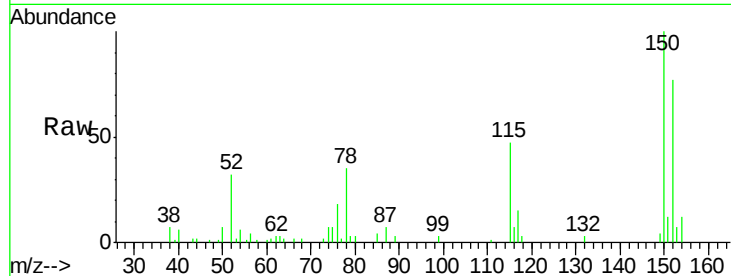




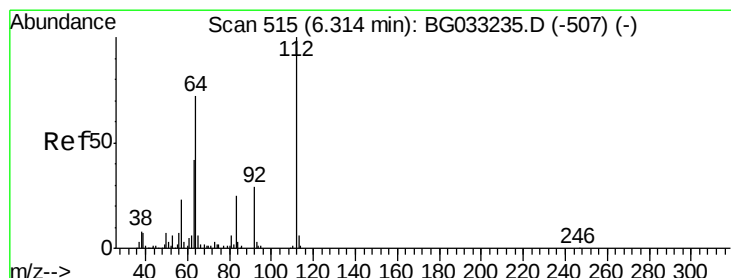
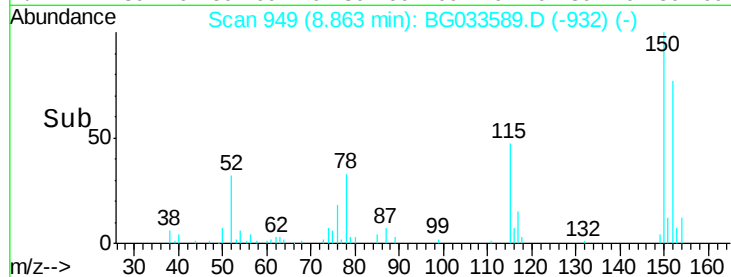
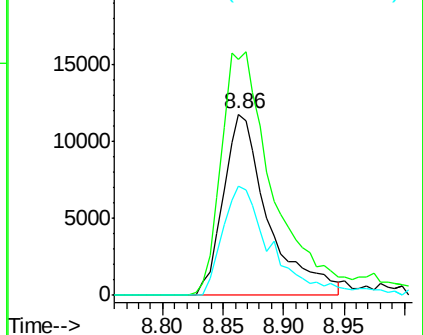
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033589.D
Acq: 5 Apr 2018 10:42

Tot Ion	Ratio	Lower	Upper
152	100		
150	130.2	126.6	189.8
115	60.6	53.0	79.4



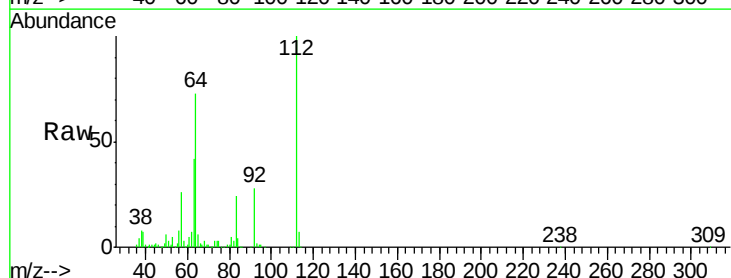
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



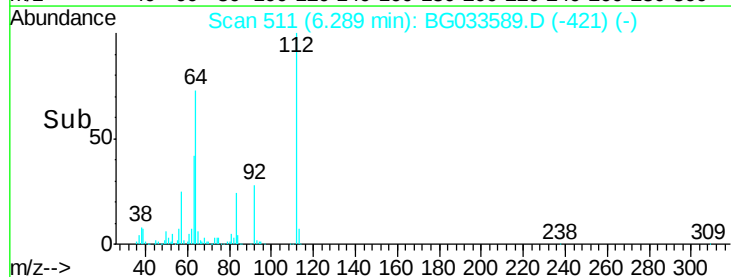
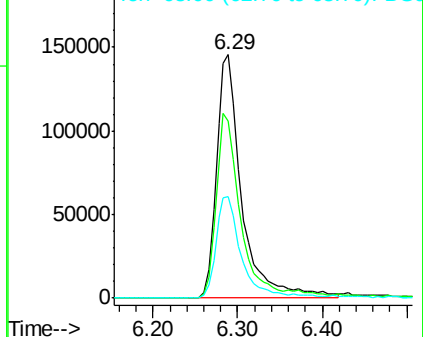
#5

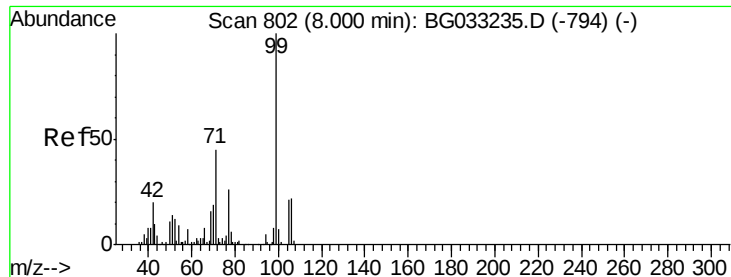
2-Fluorophenol
Concen: 187.480 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033589.D
Acq: 5 Apr 2018 10:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.8	56.3	84.5
63	41.9	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: 175.111 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033589.D

Acq: 5 Apr 2018 10:42

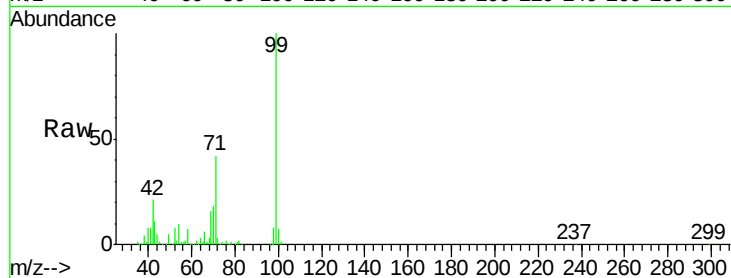
Tot Ion: 99 Resp: 488047

Ion Ratio Lower Upper

99 100

42 21.2 14.1 21.1#

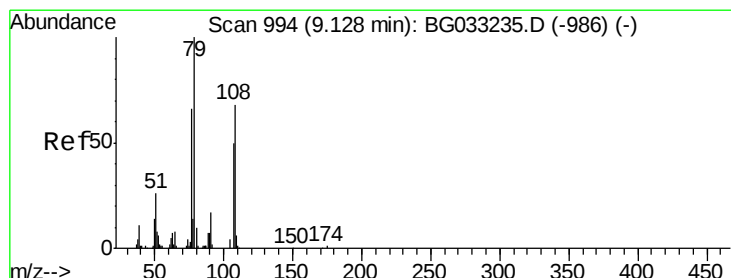
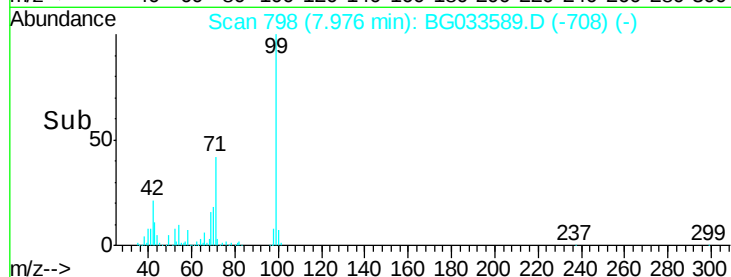
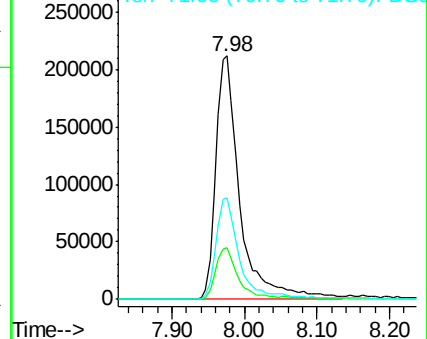
71 41.7 26.1 39.1#



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: 2.172 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033589.D

Acq: 5 Apr 2018 10:42

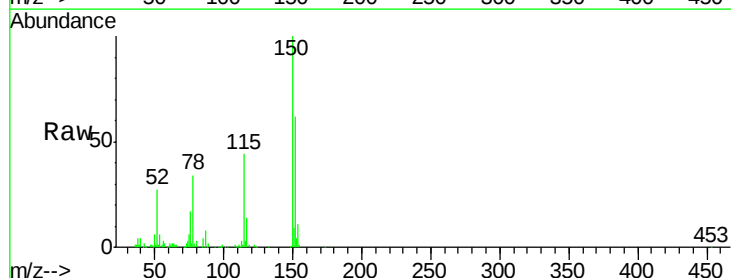
Tgt Ion: 79 Resp: 4766

Ion Ratio Lower Upper

79 100

108 30.3 57.2 85.8#

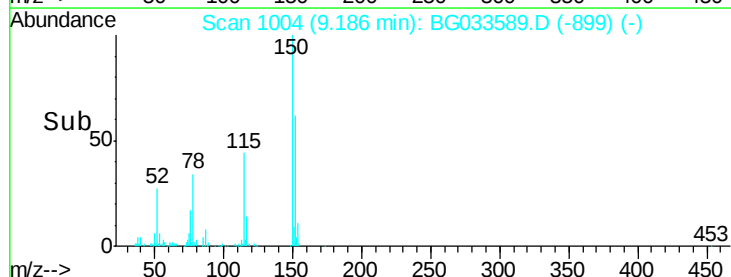
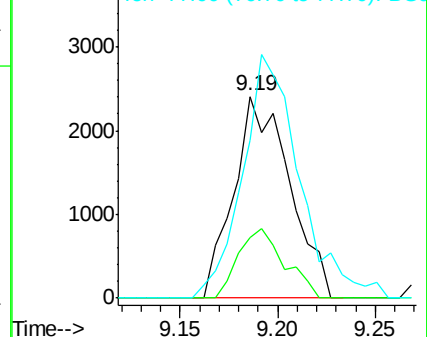
77 78.1 46.1 69.1#

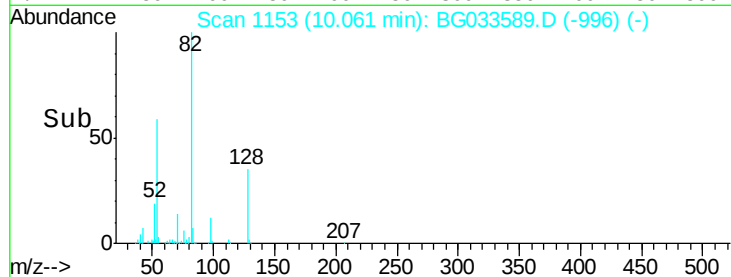
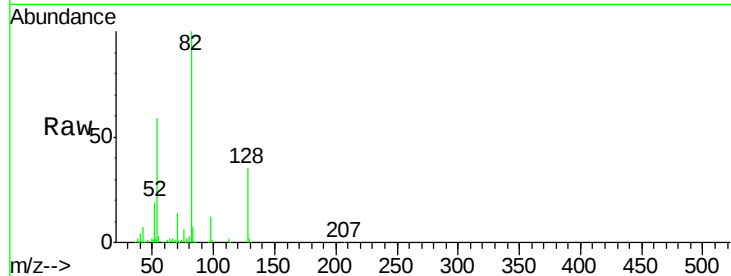


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

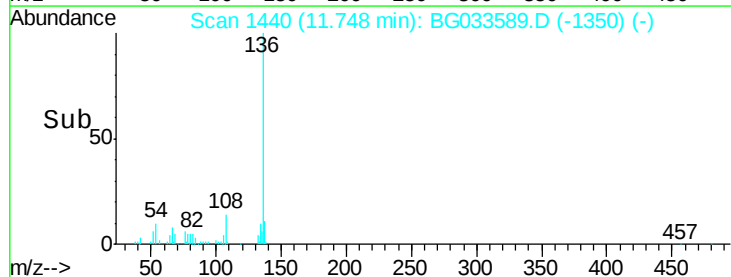
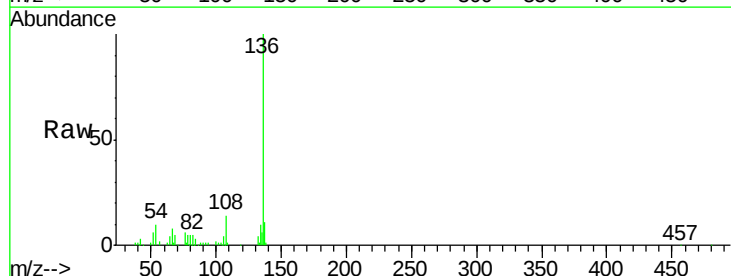
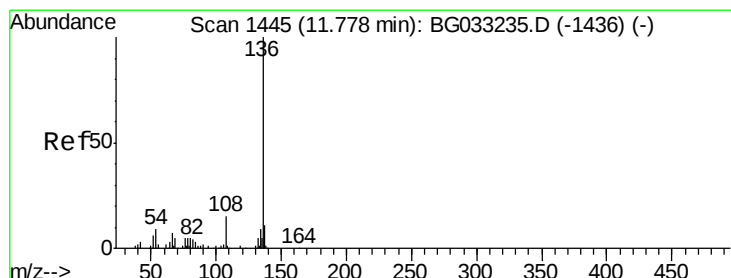
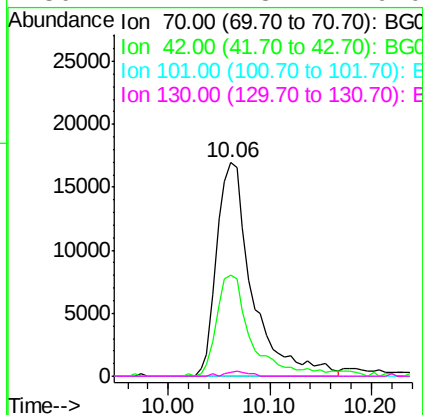
Ion 77.00 (76.70 to 77.70): BGC





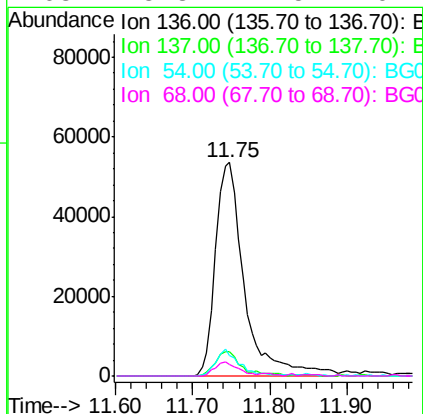
#19
n-Nitroso-di-n-propylamine
Concen: 20.294 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033589.D
Acq: 5 Apr 2018 10:42

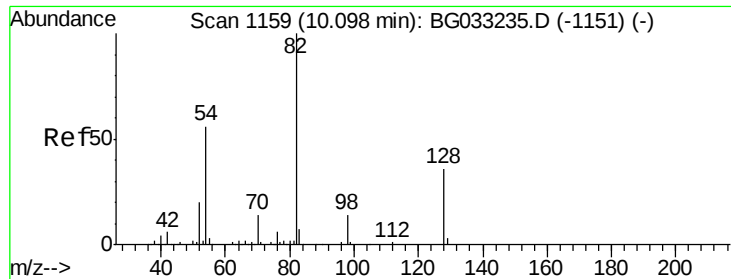
Tot Ion:	70	Resp:	41445
Ion	Ratio	Lower	Upper
70	100		
42	47.5	49.1	73.7#
101	0.0	8.5	12.7#
130	1.7	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG033589.D
Acq: 5 Apr 2018 10:42

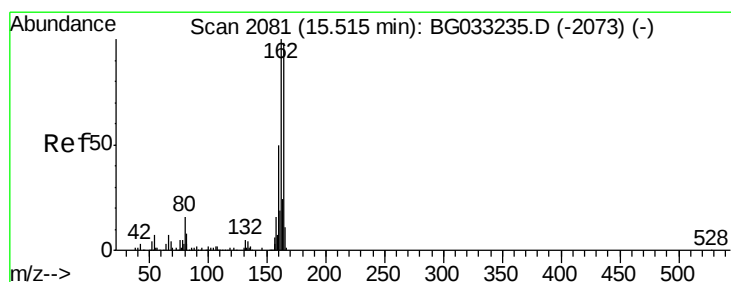
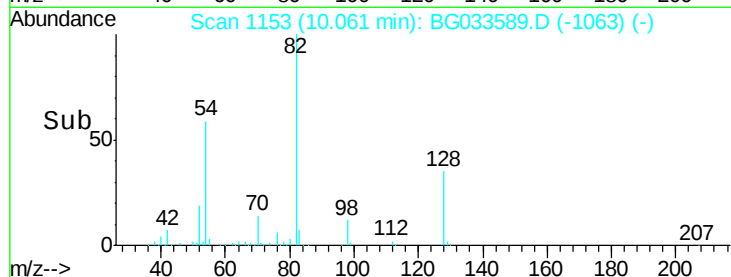
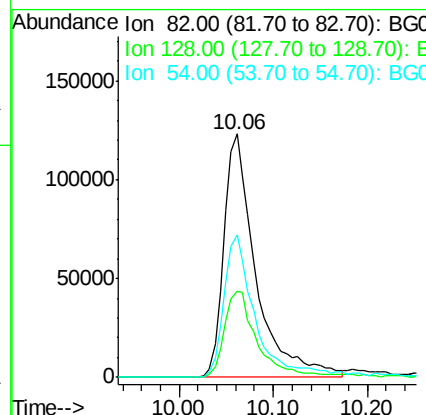
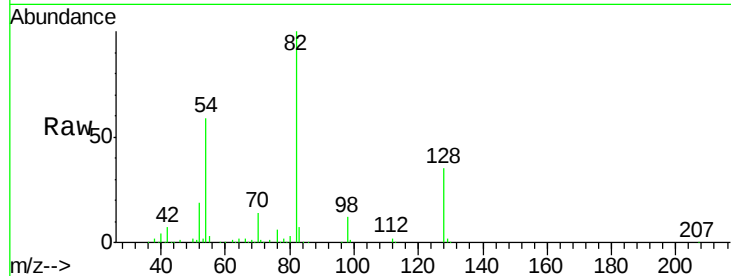
Tgt Ion:	136	Resp:	139371
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	9.6	10.3	15.5#
68	5.3	4.5	6.7





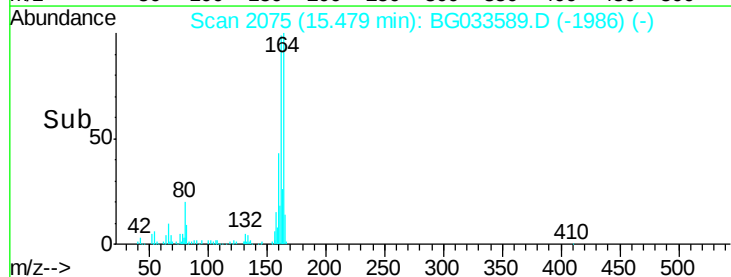
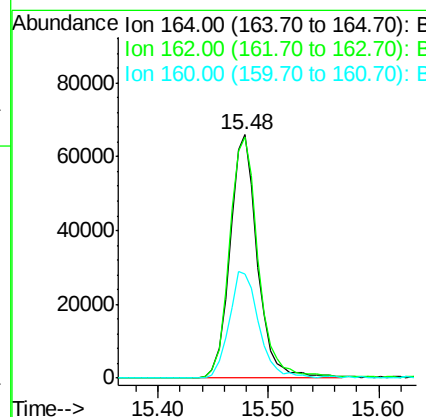
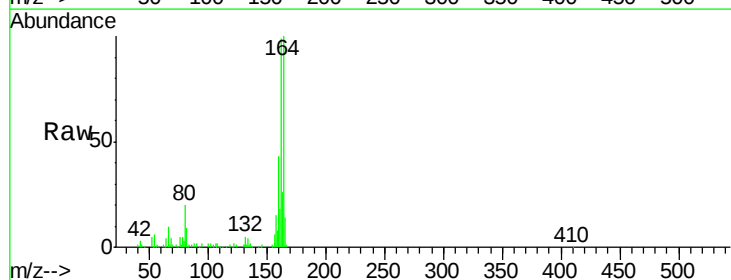
#23
 Nitrobenzene-d5
 Concen: 96.234 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033589.D
 Acq: 5 Apr 2018 10:42

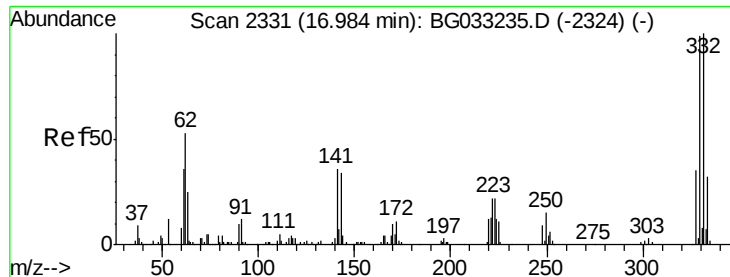
Tot Ion	82	Resp	291926
Ion Ratio	100	Lower	Upper
128	35.4	29.7	44.5
54	58.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033589.D
 Acq: 5 Apr 2018 10:42

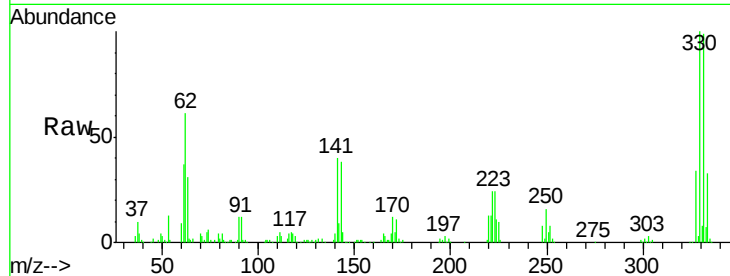
Tgt Ion	164	Resp	114740
Ion Ratio	100	Lower	Upper
162	99.0	78.8	118.2
160	42.6	35.4	53.0



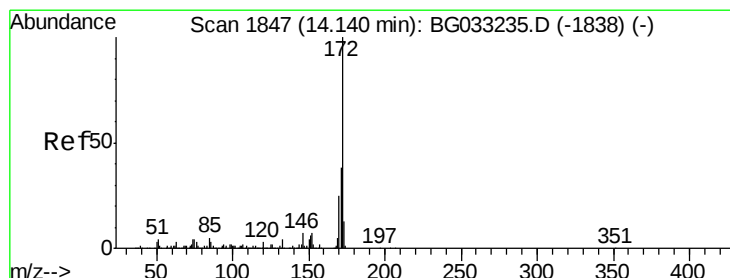
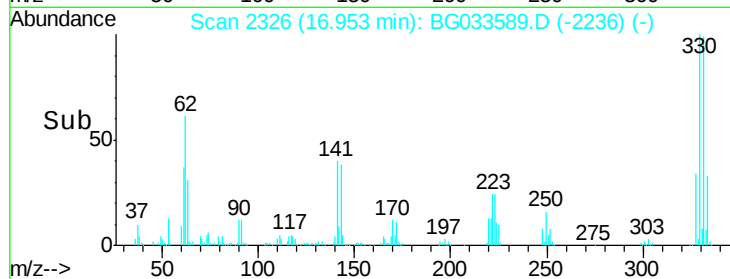
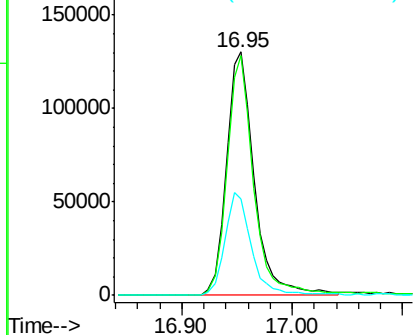


#41
 2,4,6-Tribromophenol
 Concen: 133.969 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033589.D
 Acq: 5 Apr 2018 10:42

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	40.4	25.2	37.8

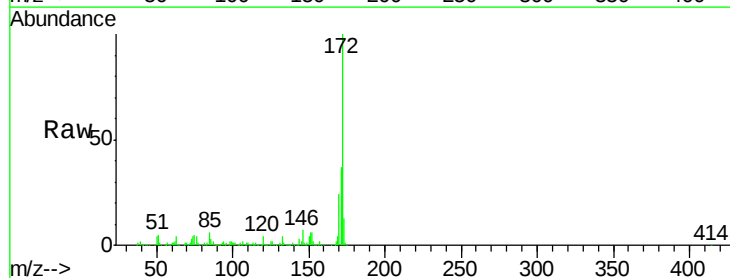


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

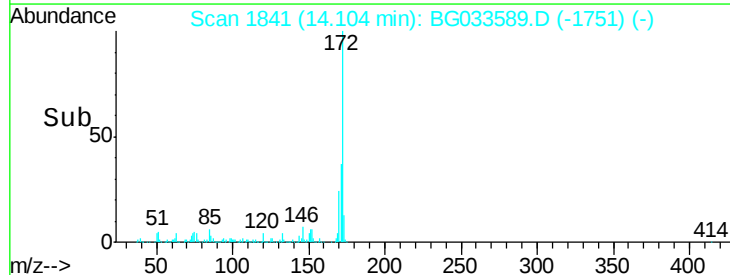
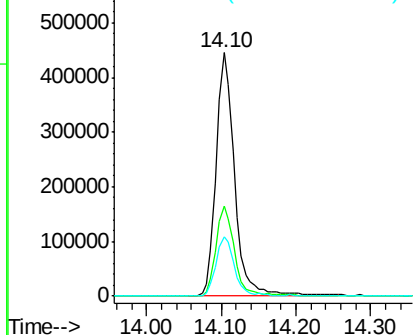


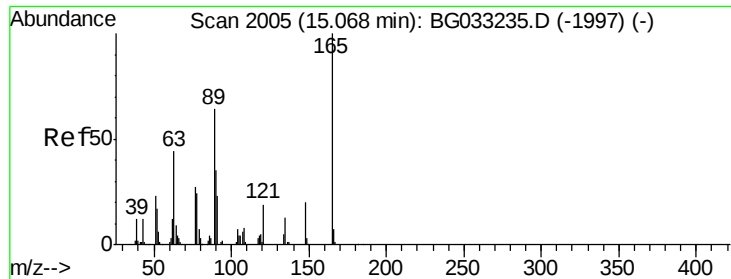
#44
 2-Fluorobiphenyl
 Concen: 96.841 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033589.D
 Acq: 5 Apr 2018 10:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	24.2	19.5	29.3



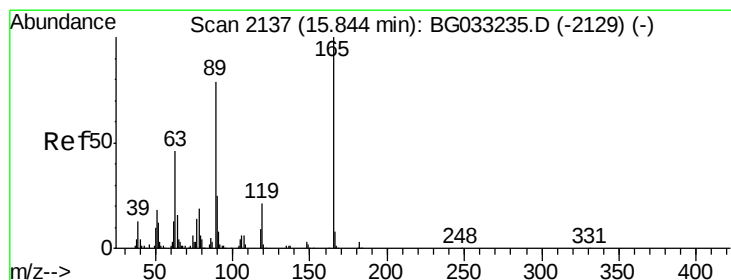
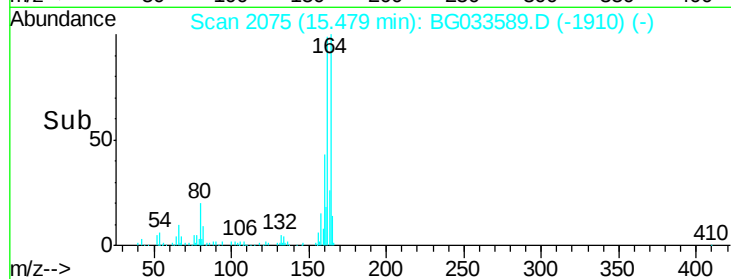
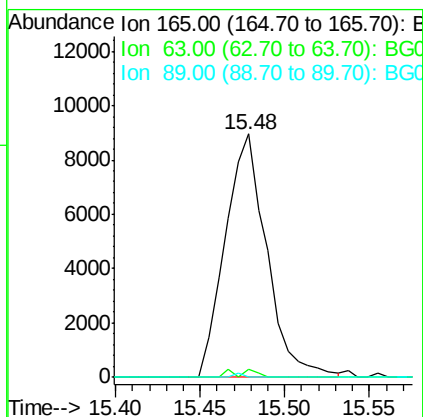
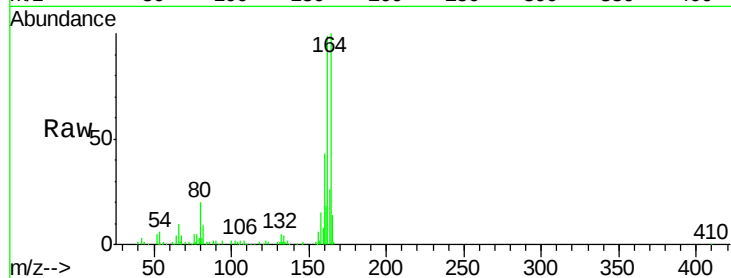
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





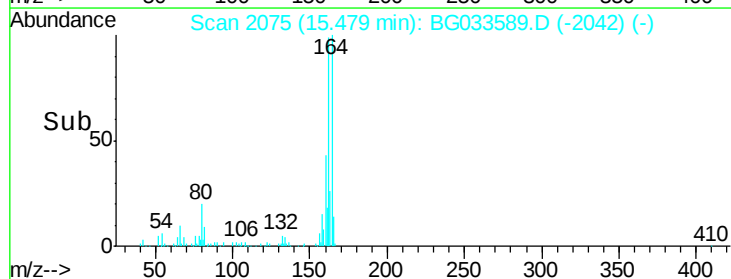
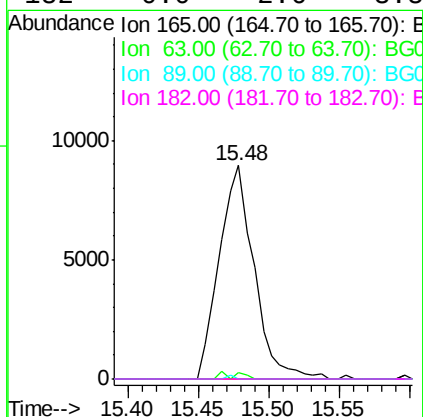
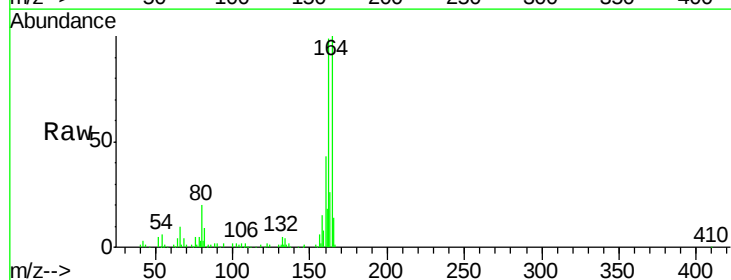
#50
 2,6-Dinitrotoluene
 Concen: 7.490 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.44 min
 Lab File: BG033589.D
 Acq: 5 Apr 2018 10:42

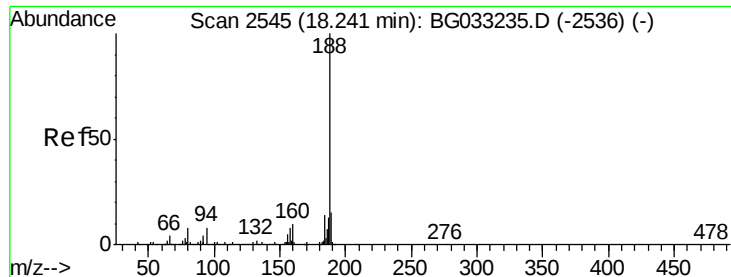
Tot Ion	Ratio	Lower	Upper
165	100		
63	3.3	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.115 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033589.D
 Acq: 5 Apr 2018 10:42

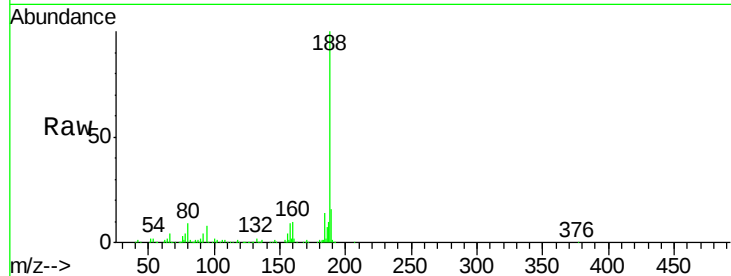
Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.3	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



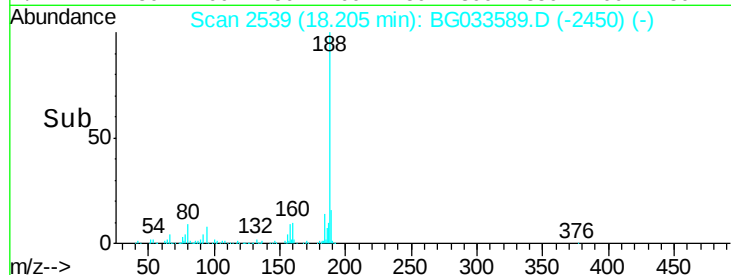
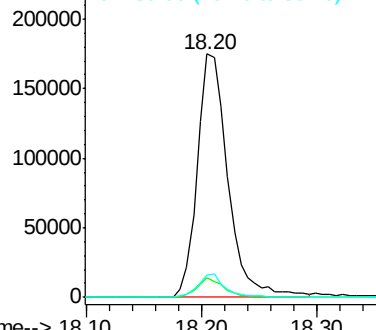


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033589.D
Acq: 5 Apr 2018 10:42

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	8.9	7.7	11.5

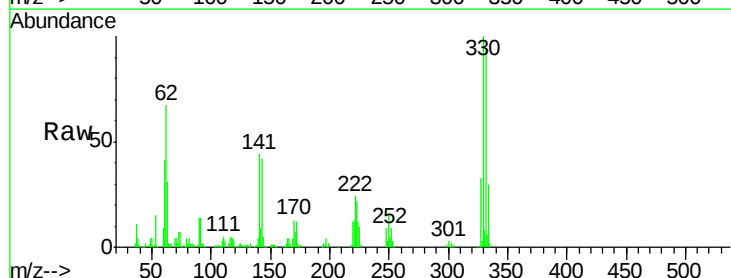


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

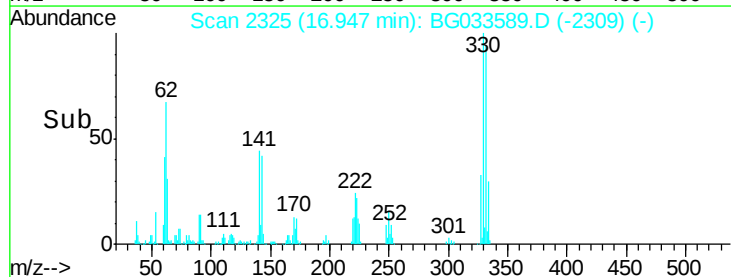
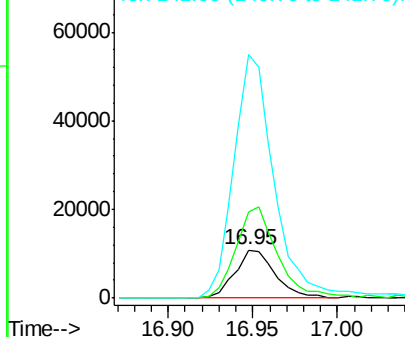


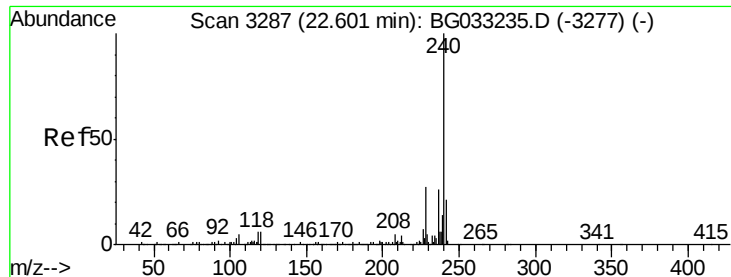
#66
4-Bromophenyl-phenylether
Concen: 4.758 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.44 min
Lab File: BG033589.D
Acq: 5 Apr 2018 10:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	179.4	77.1	115.7#
141	507.7	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: 22.55 min Scan# 3279

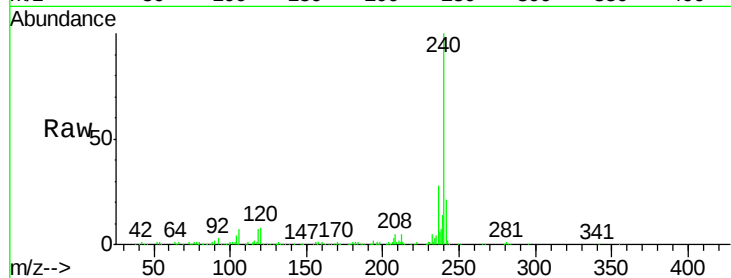
Delta R.T. -0.01 min

Lab File: BG033589.D

Acq: 5 Apr 2018 10:42

Tot Ion:240 Resp: 328630

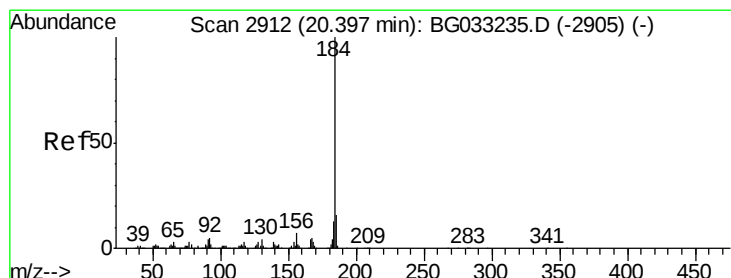
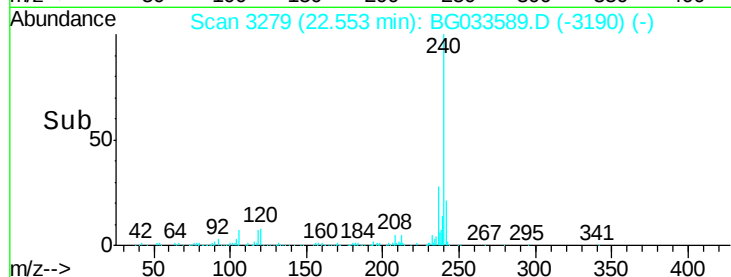
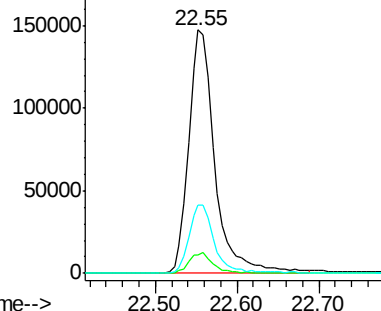
Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.8	10.2
236	28.0	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E

200000 Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.006 ng

RT: 20.73 min Scan# 2968

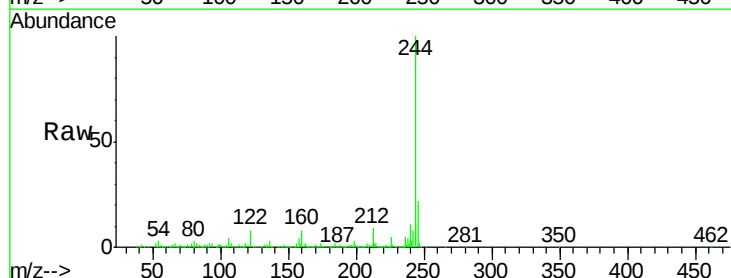
Delta R.T. 0.36 min

Lab File: BG033589.D

Acq: 5 Apr 2018 10:42

Tgt Ion:184 Resp: 26787

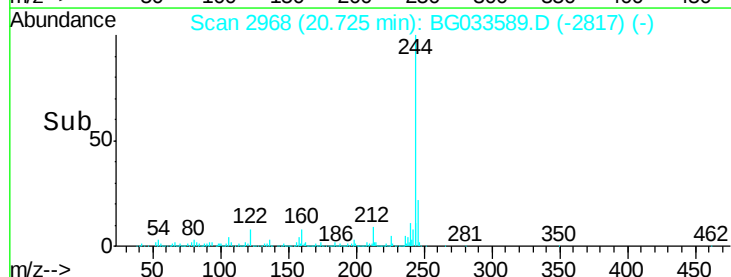
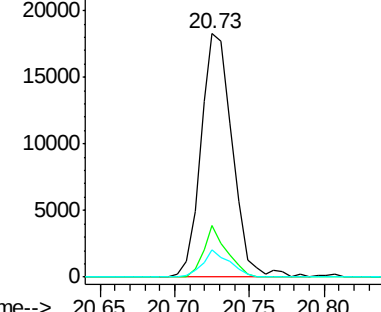
Ion	Ratio	Lower	Upper
184	100		
185	21.2	11.1	16.7#
183	11.1	10.6	16.0

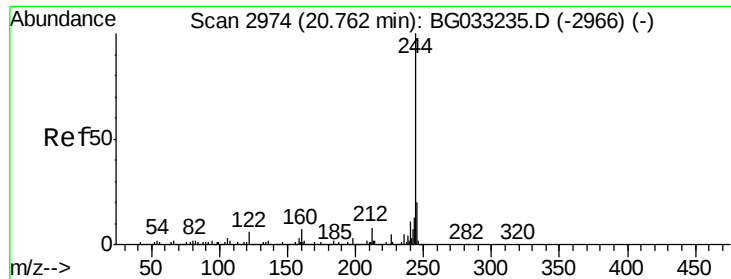


Abundance Ion 184.00 (183.70 to 184.70): E

25000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 99.318 ng

RT: 20.73 min Scan# 2968

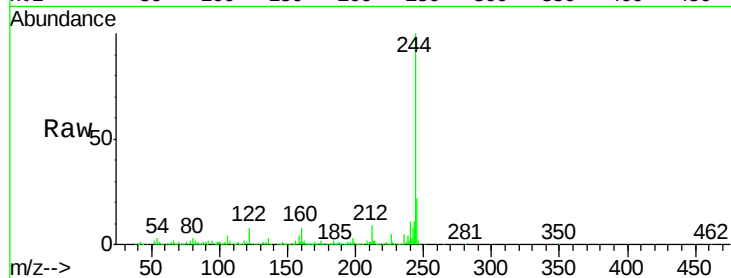
Delta R.T. -0.01 min

Lab File: BG033589.D

Acq: 5 Apr 2018 10:42

Tot Ion:244 Resp: 1526168

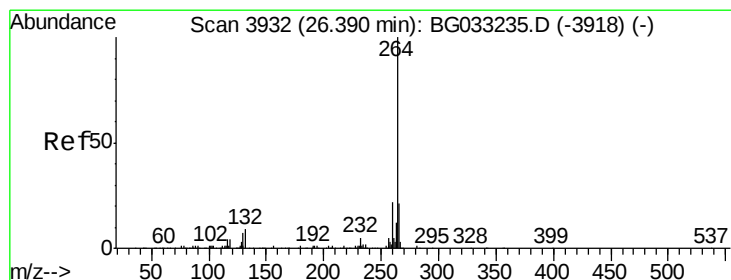
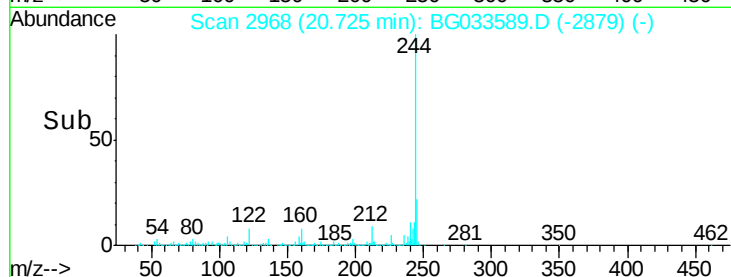
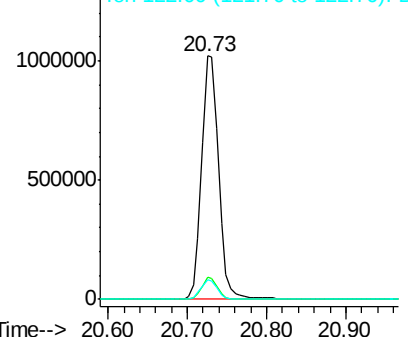
Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	8.1	7.0	10.4



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: 26.32 min Scan# 3920

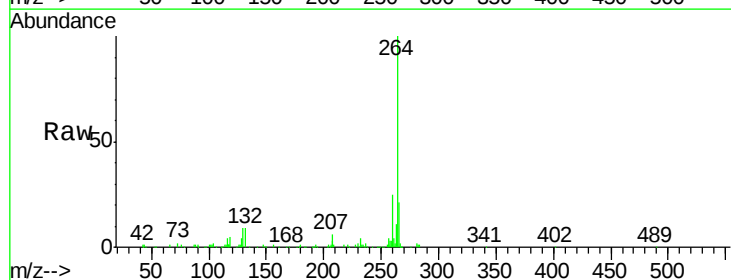
Delta R.T. -0.00 min

Lab File: BG033589.D

Acq: 5 Apr 2018 10:42

Tgt Ion:264 Resp: 299920

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	21.3	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

