

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033561.D
 Acq On : 4 Apr 2018 15:50
 Operator : SJ/JU
 Sample : J2177-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

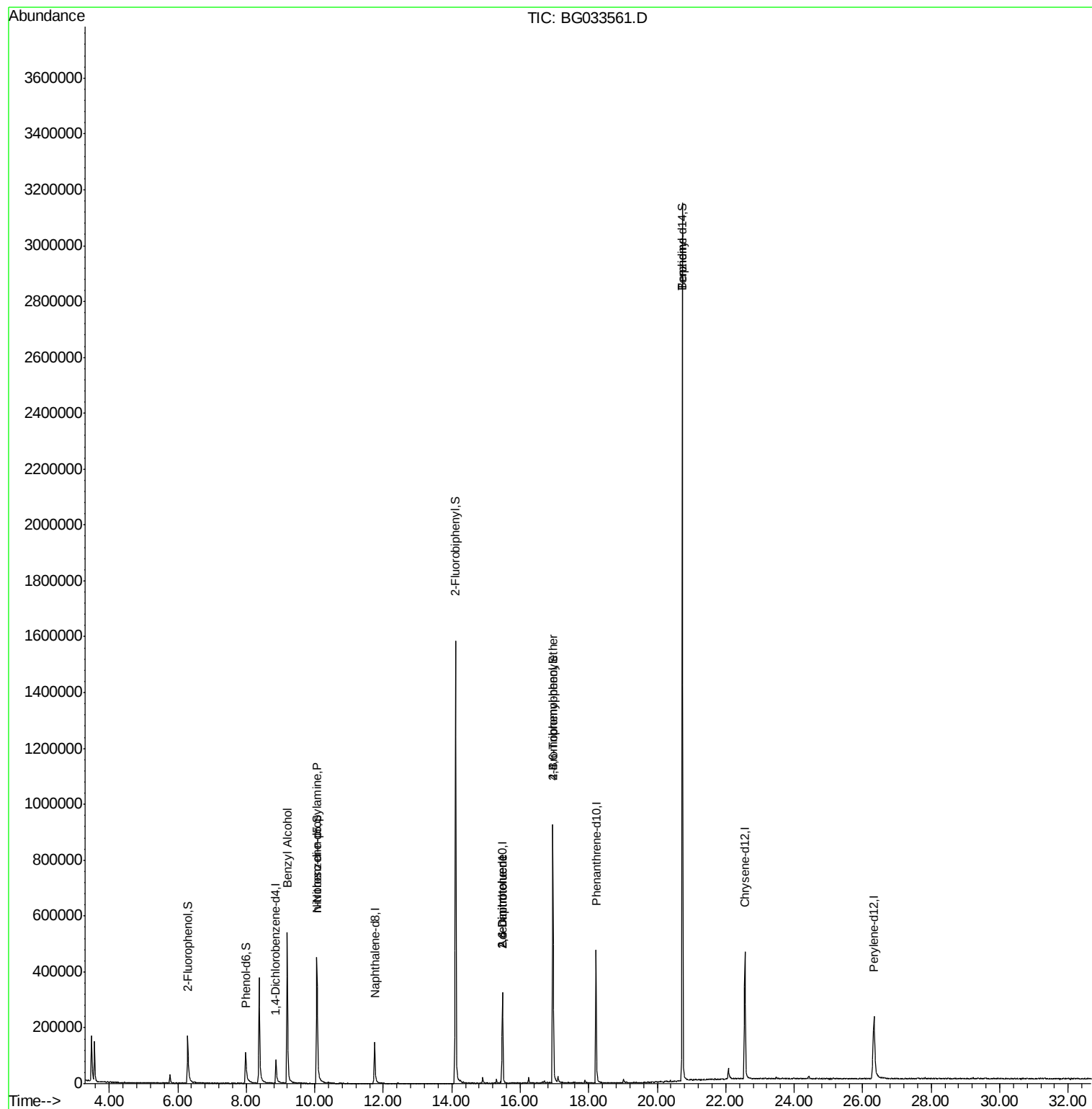
Quant Time: Apr 04 18:38:37 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32428	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	144454	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	127572	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	339299	20.00	ng	0.00
75) Chrysene-d12	22.56	240	338958	20.00	ng	0.00
86) Perylene-d12	26.32	264	342385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	95674	55.32	ng	0.00
7) Phenol-d6	7.98	99	109541	36.86	ng	0.00
23) Nitrobenzene-d5	10.06	82	357209	113.61	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	183784	96.32	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	900210	101.87	ng	0.00
78) Terphenyl-d14	20.73	244	1524558	96.19	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5976	2.554	ng	# 29
19) n-Nitroso-di-n-propylamine	10.06	70	46354	21.289	ng	# 82
50) 2,6-Dinitrotoluene	15.48	165	16350	7.202	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	16350	4.892	ng	# 17
66) 4-Bromophenyl-phenylether	16.95	248	14069	3.531	ng	# 1
76) Benzidine	20.73	184	26153	2.845	ng	# 92

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

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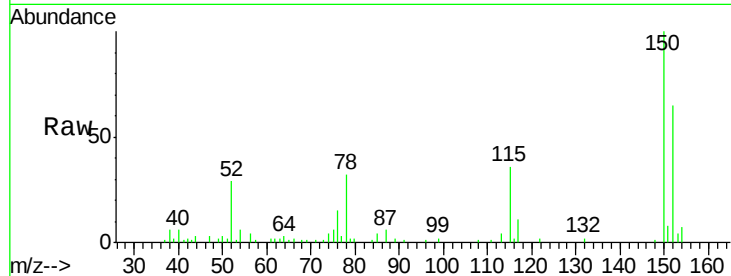




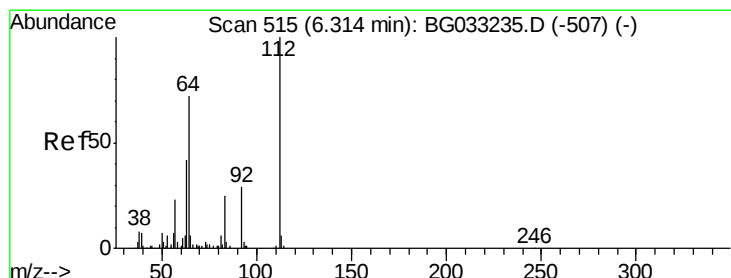
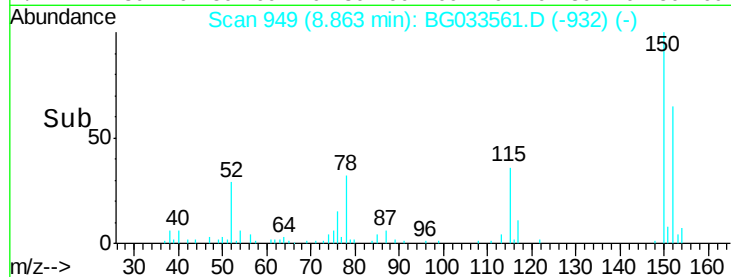
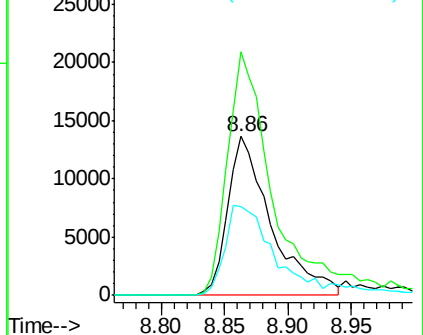
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033561.D
Acq: 4 Apr 2018 15:50

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.6	189.8
115	55.5	53.0	79.4



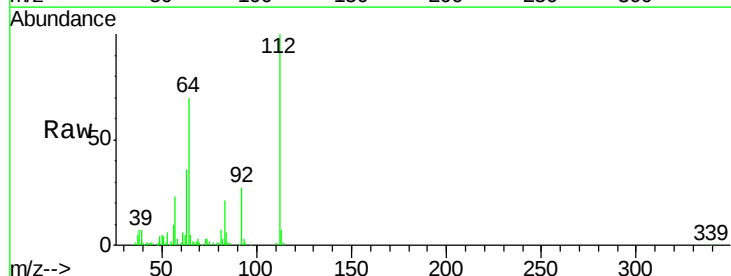
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



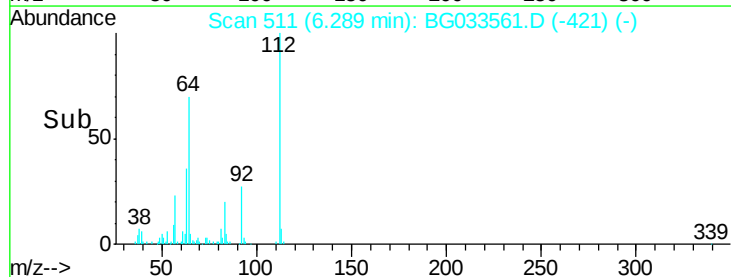
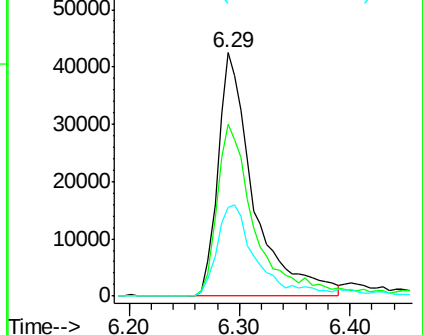
#5

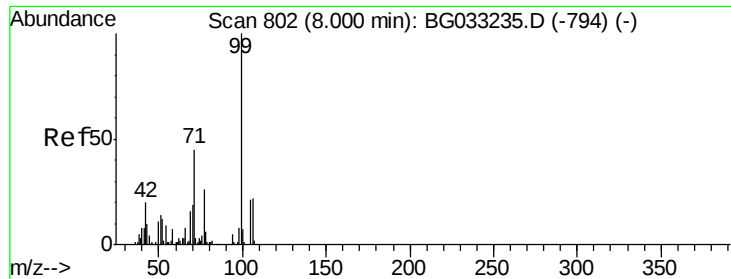
2-Fluorophenol
Concen: 55.323 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033561.D
Acq: 4 Apr 2018 15:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	56.3	84.5
63	36.5	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: 36.865 ng

RT: 7.98 min Scan# 798

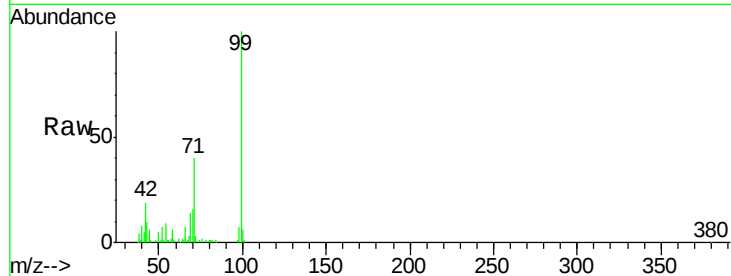
Delta R.T. -0.00 min

Lab File: BG033561.D

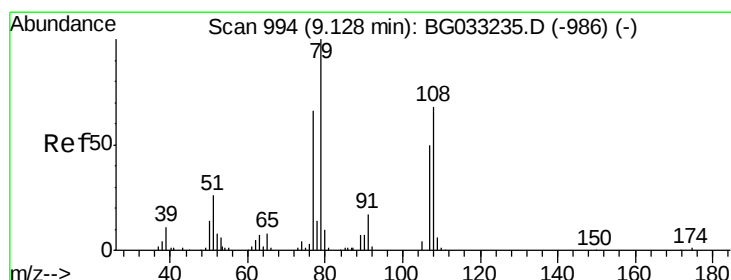
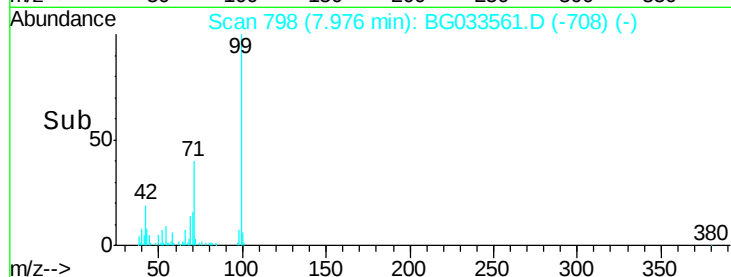
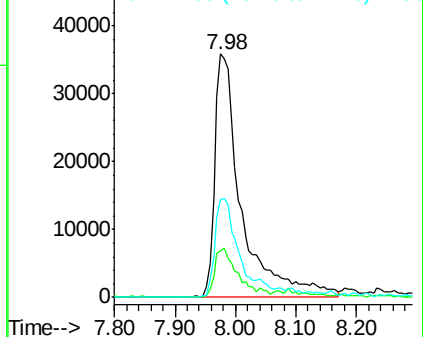
Acq: 4 Apr 2018 15:50

Tot Ion: 99 Resp: 109541

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.1	21.1
71	40.0	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: 2.554 ng

RT: 9.20 min Scan# 1006

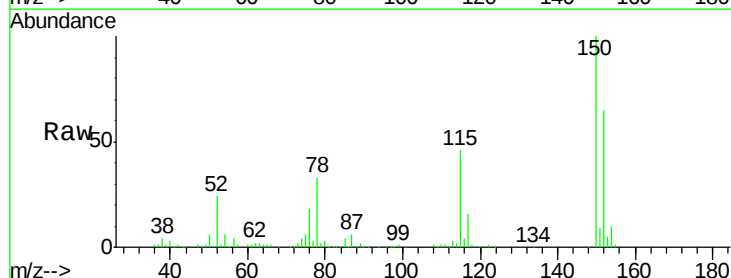
Delta R.T. 0.10 min

Lab File: BG033561.D

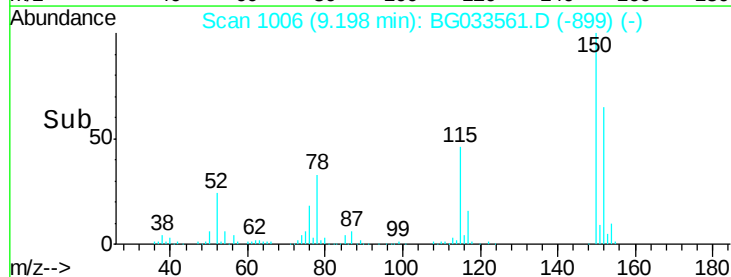
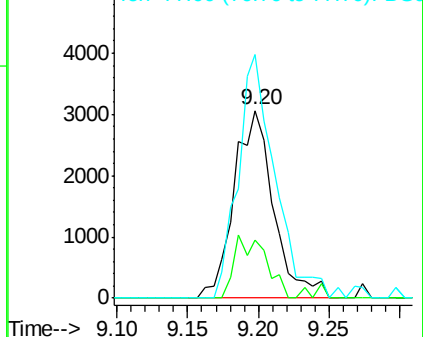
Acq: 4 Apr 2018 15:50

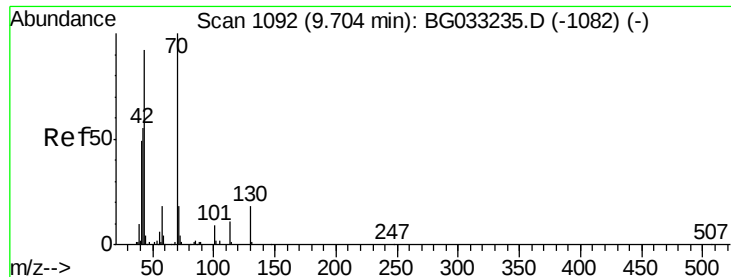
Tgt Ion: 79 Resp: 5976

Ion	Ratio	Lower	Upper
79	100		
108	30.9	57.2	85.8#
77	129.7	46.1	69.1#



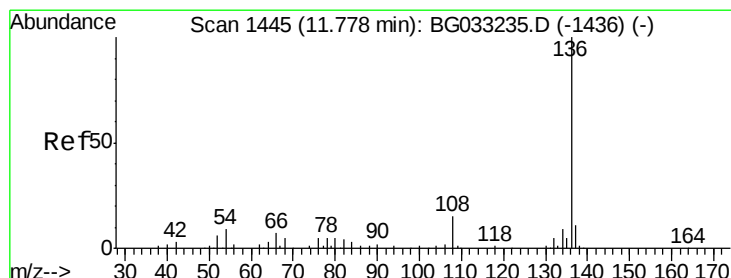
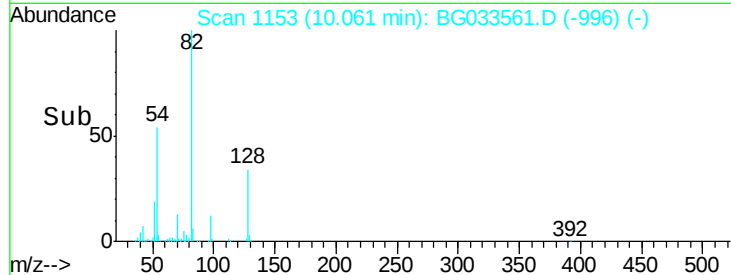
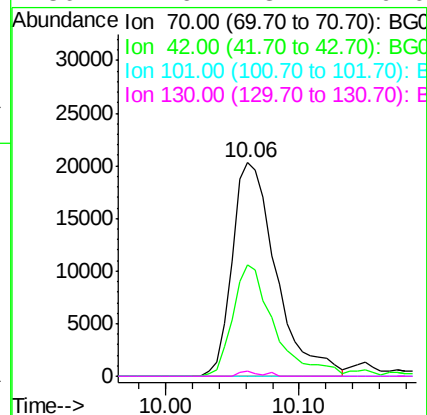
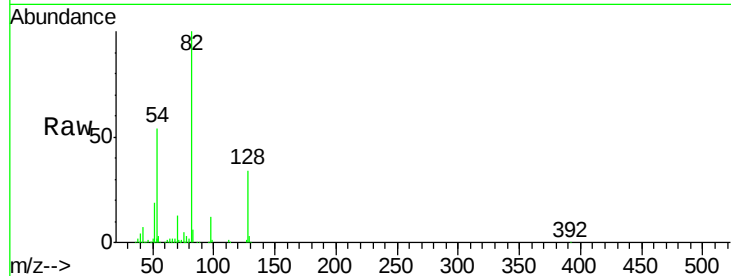
Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





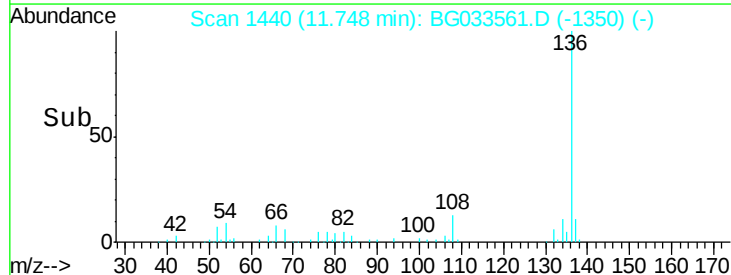
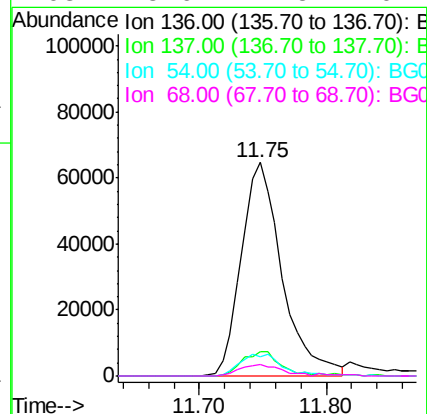
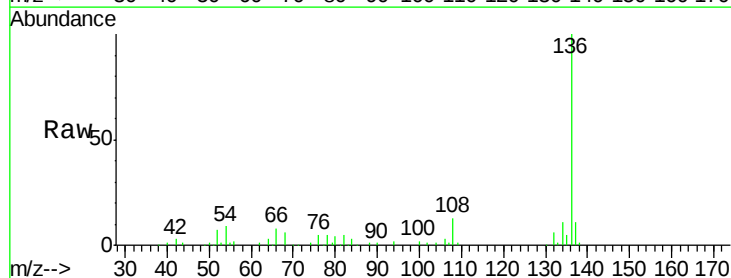
#19
n-Nitroso-di-n-propylamine
Concen: 21.289 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033561.D
Acq: 4 Apr 2018 15:50

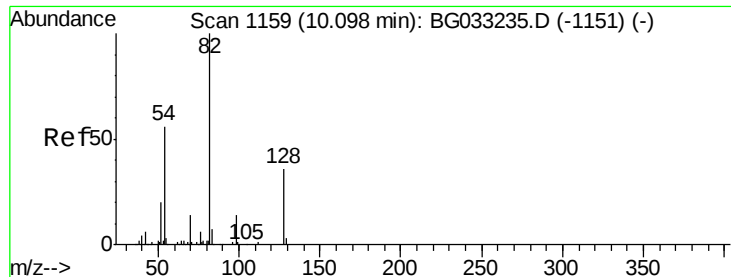
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.1	49.1	73.7
101	0.0	8.5	12.7#
130	2.6	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG033561.D
Acq: 4 Apr 2018 15:50

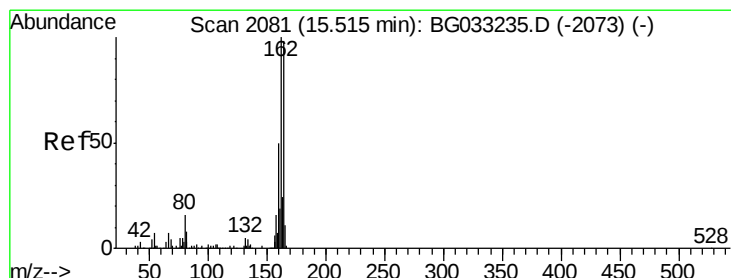
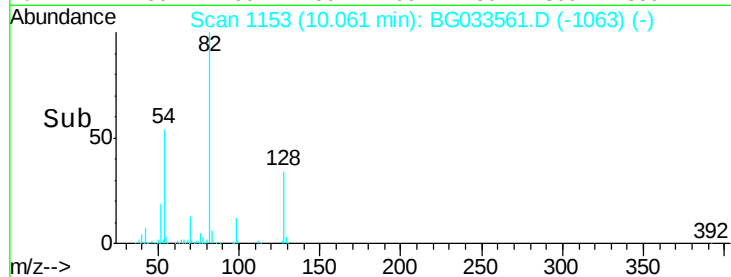
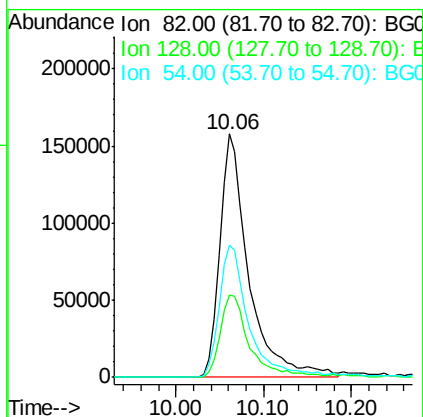
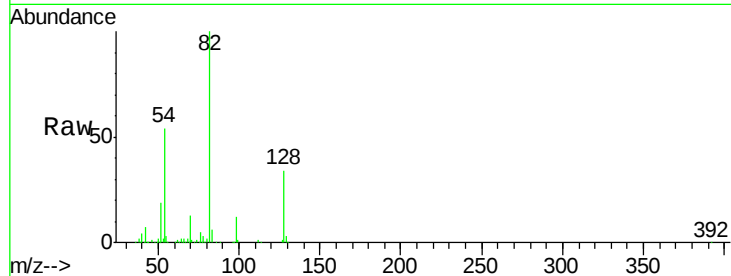
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	9.2	10.3	15.5#
68	5.6	4.5	6.7





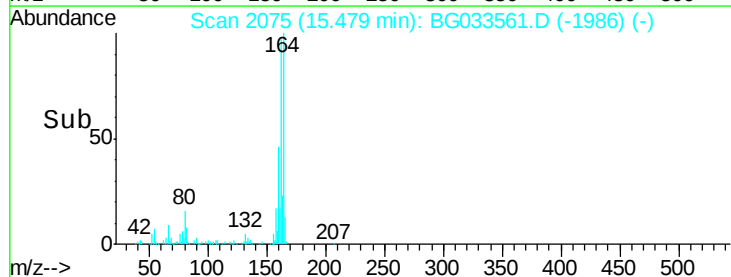
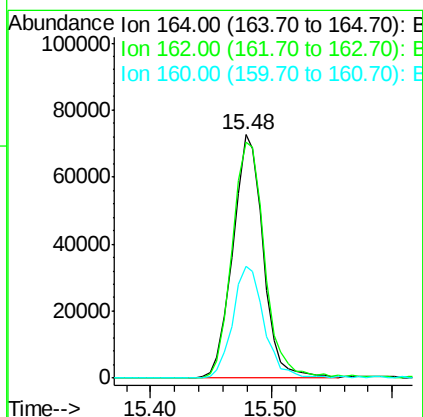
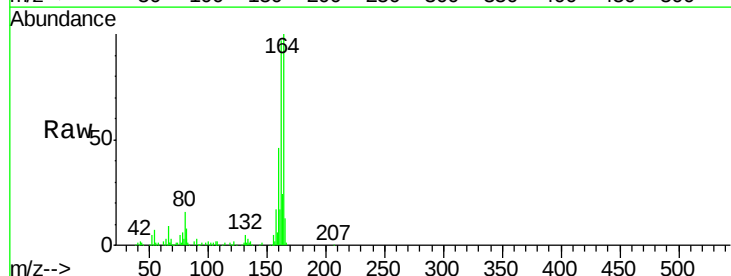
#23
 Nitrobenzene-d5
 Concen: 113.611 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033561.D
 Acq: 4 Apr 2018 15:50

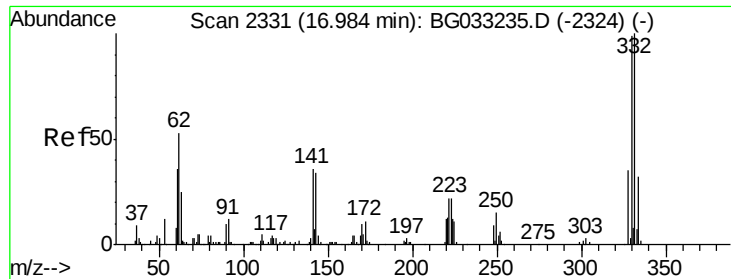
Tot Ion	82	Resp	357209
Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	54.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033561.D
 Acq: 4 Apr 2018 15:50

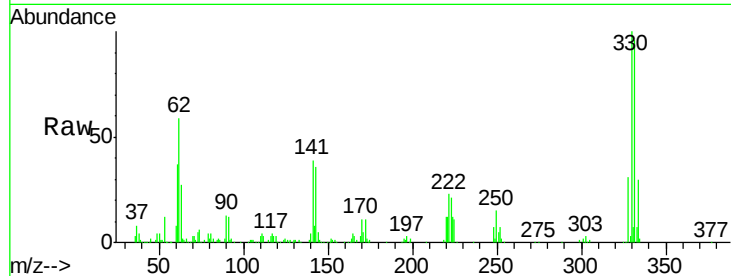
Tgt Ion	164	Resp	127572
Ion	Ratio	Lower	Upper
164	100		
162	97.2	78.8	118.2
160	45.9	35.4	53.0



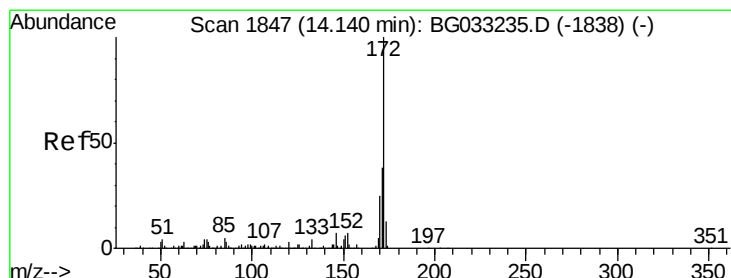
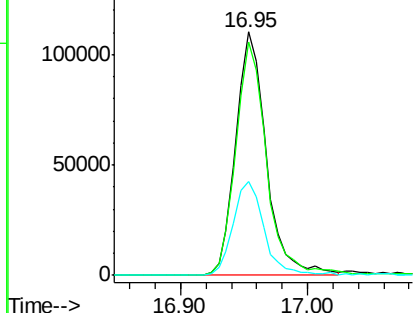
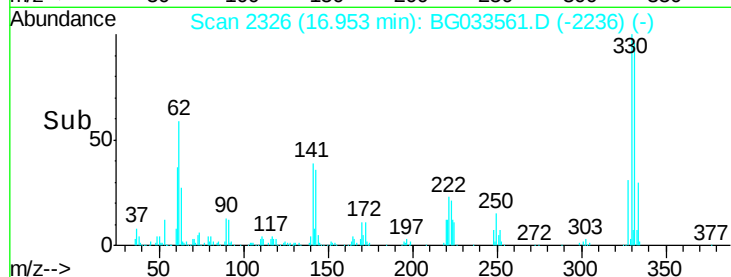


#41
 2,4,6-Tribromophenol
 Concen: 96.323 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033561.D
 Acq: 4 Apr 2018 15:50

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	39.3	25.2	37.8#

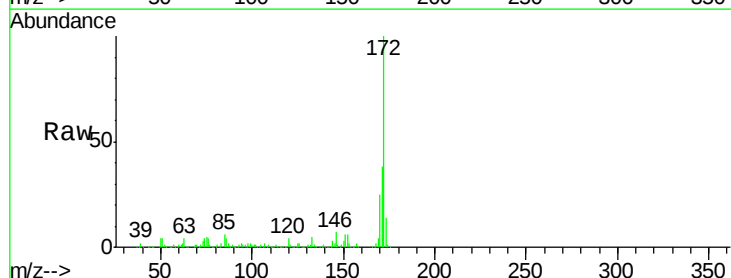


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

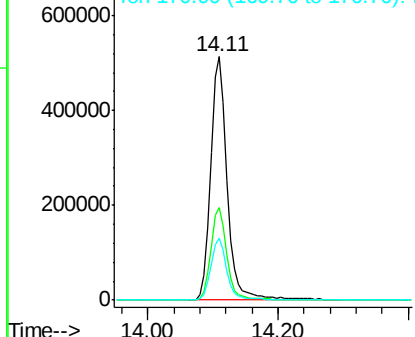
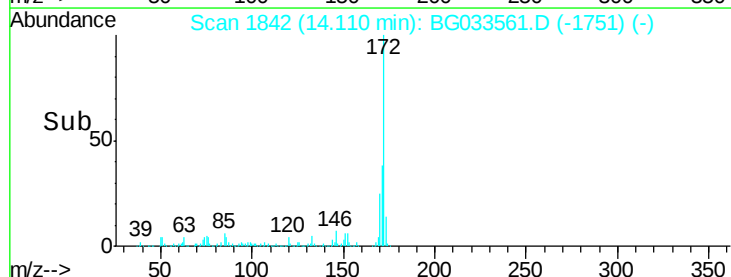


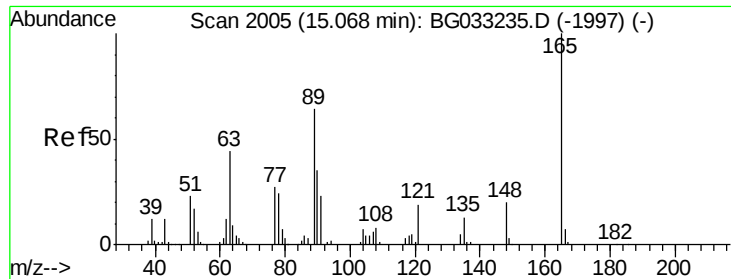
#44
 2-Fluorobiphenyl
 Concen: 101.870 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033561.D
 Acq: 4 Apr 2018 15:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.3	19.5	29.3



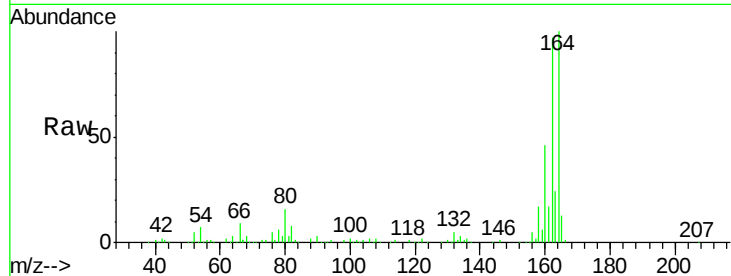
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50
 2,6-Dinitrotoluene
 Concen: 7.202 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.44 min
 Lab File: BG033561.D
 Acq: 4 Apr 2018 15:50

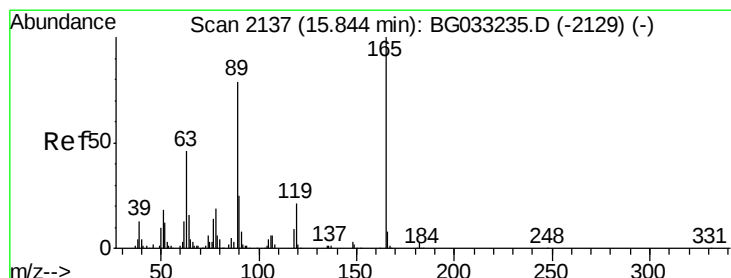
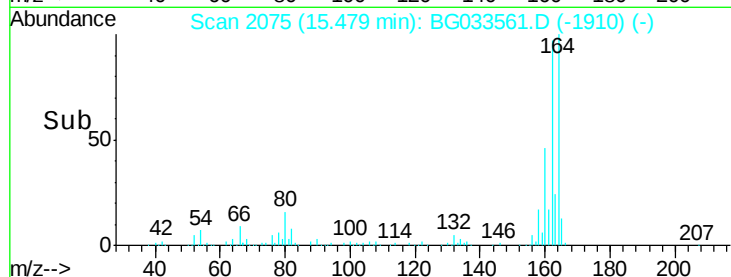
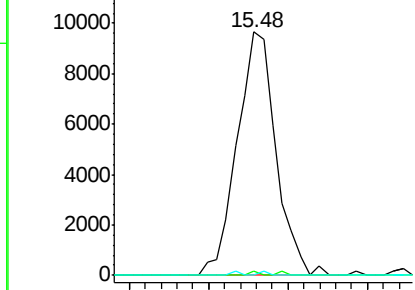
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	52.7	79.1#
89	0.0	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

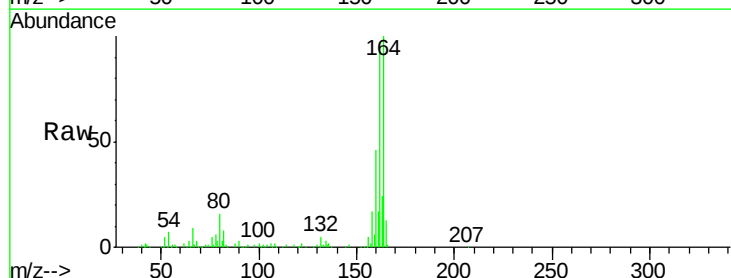
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#56
 2,4-Dinitrotoluene
 Concen: 4.892 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033561.D
 Acq: 4 Apr 2018 15:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

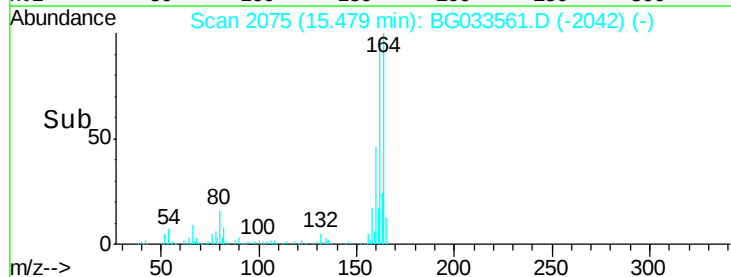
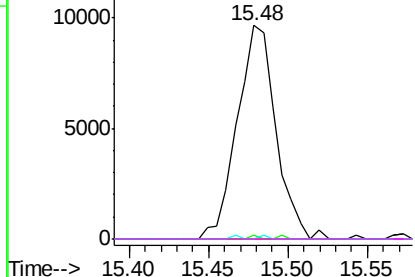


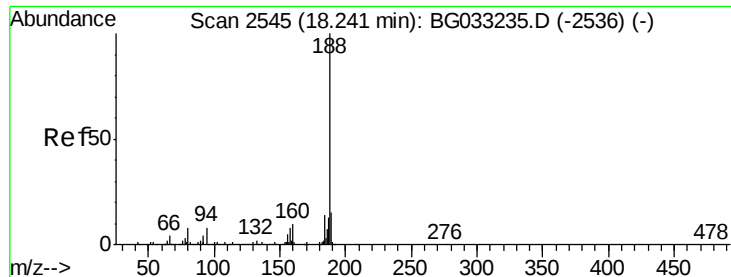
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

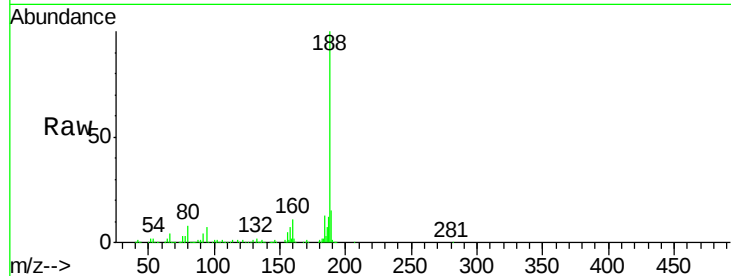
Ion 182.00 (181.70 to 182.70): E



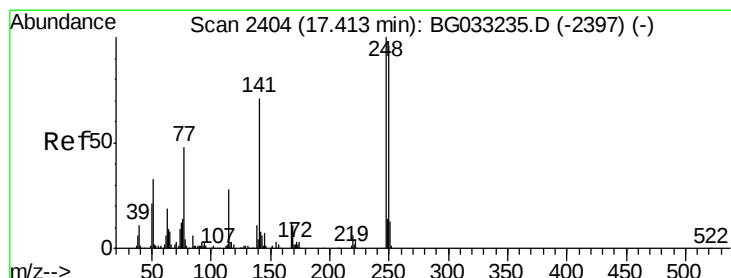
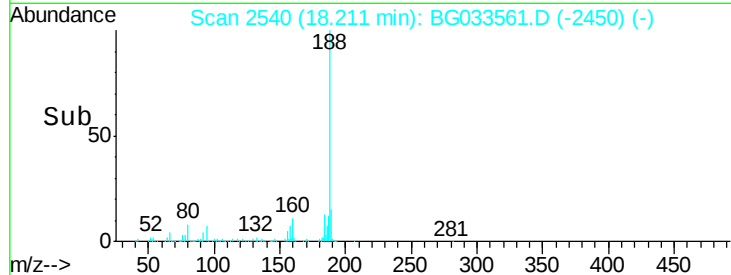
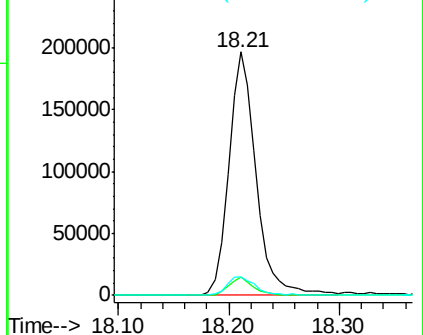


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033561.D
Acq: 4 Apr 2018 15:50

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	7.8	7.7	11.5

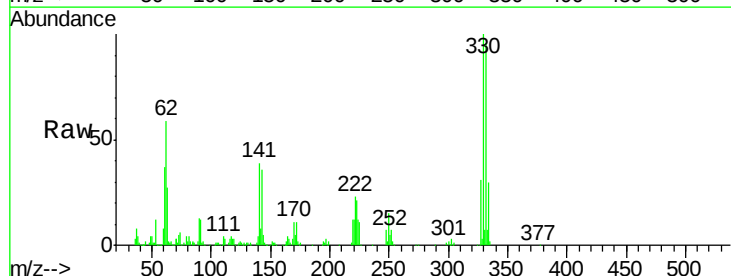


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

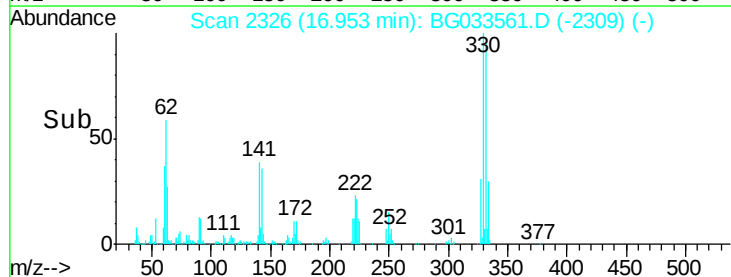
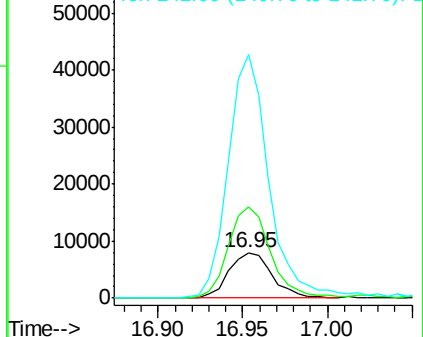


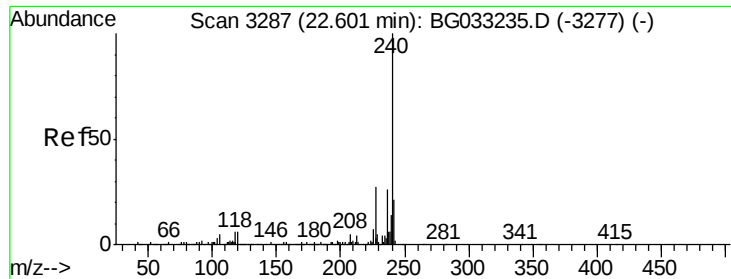
#66
4-Bromophenyl-phenylether
Concen: 3.531 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033561.D
Acq: 4 Apr 2018 15:50

Tgt Ion	Ratio	Lower	Upper
248	100		
250	202.0	77.1	115.7#
141	535.2	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: BG033561.D

Acq: 4 Apr 2018 15:50

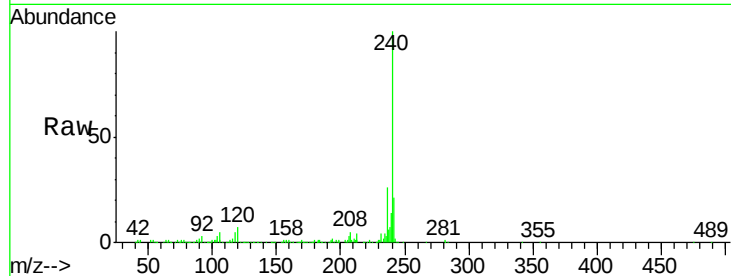
Tot Ion:240 Resp: 338958

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

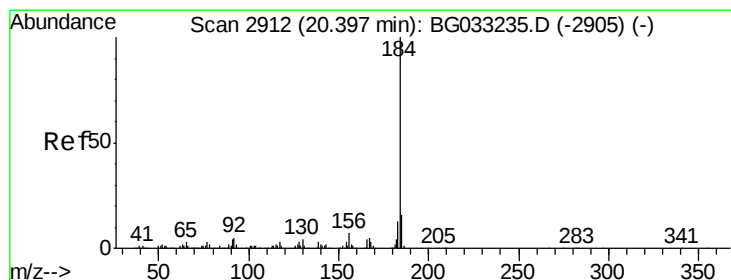
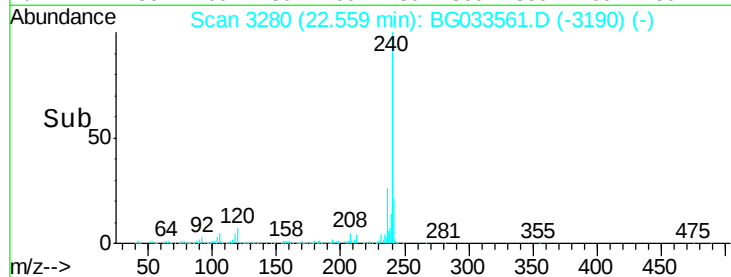
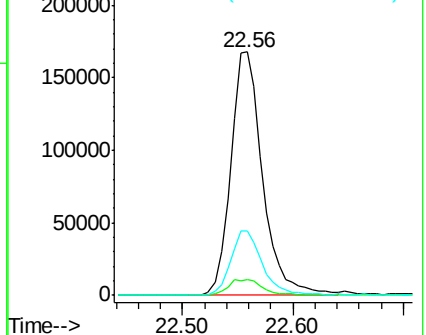
236 26.2 20.9 31.3



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: 2.845 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033561.D

Acq: 4 Apr 2018 15:50

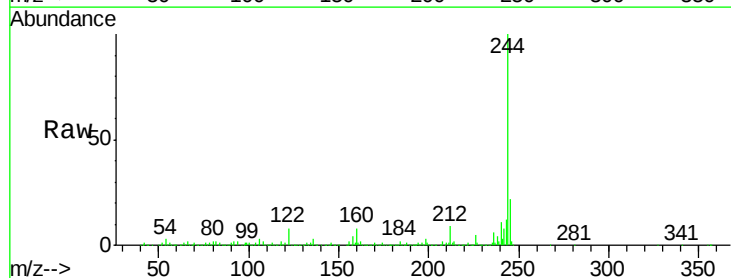
Tgt Ion:184 Resp: 26153

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

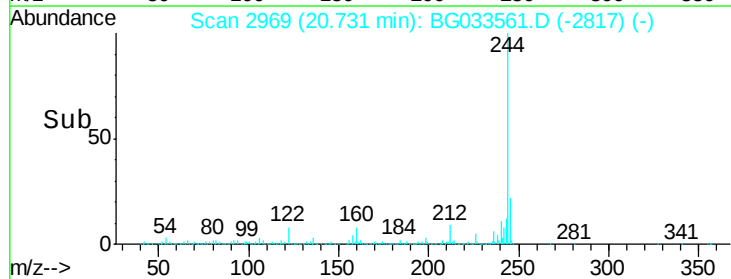
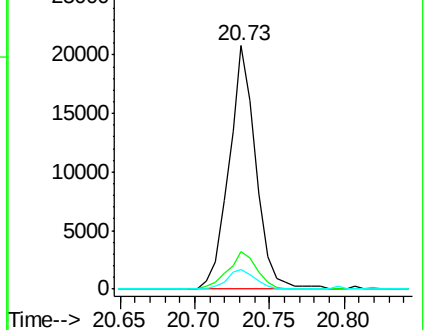
183 8.1 10.6 16.0#

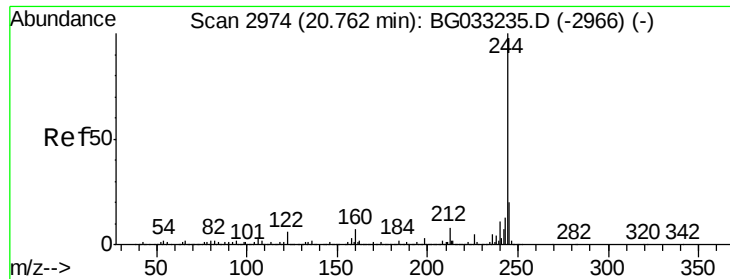


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 96.190 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033561.D

Acq: 4 Apr 2018 15:50

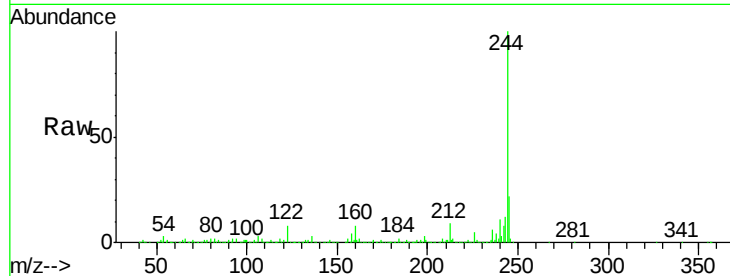
Tot Ion:244 Resp: 1524558

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

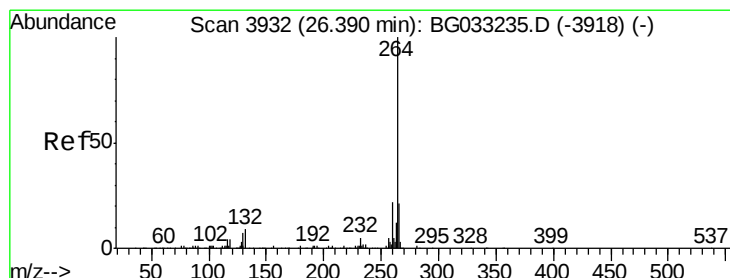
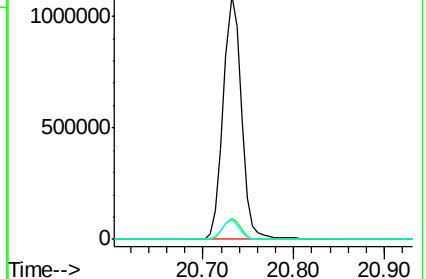
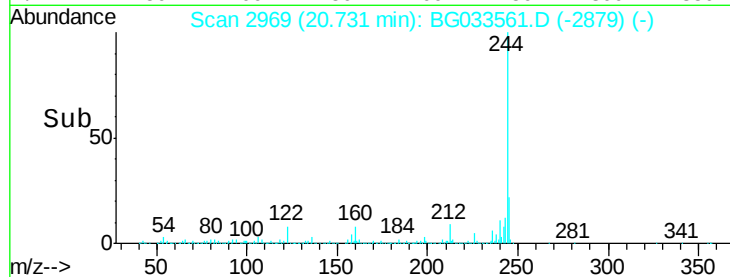
122 7.9 7.0 10.4



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# 3921

Delta R.T. 0.00 min

Lab File: BG033561.D

Acq: 4 Apr 2018 15:50

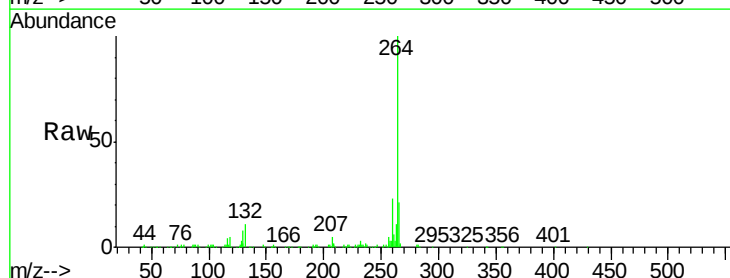
Tgt Ion:264 Resp: 342385

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 20.7 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

