

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033560.D
 Acq On : 4 Apr 2018 15:12
 Operator : SJ/JU
 Sample : J2137-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

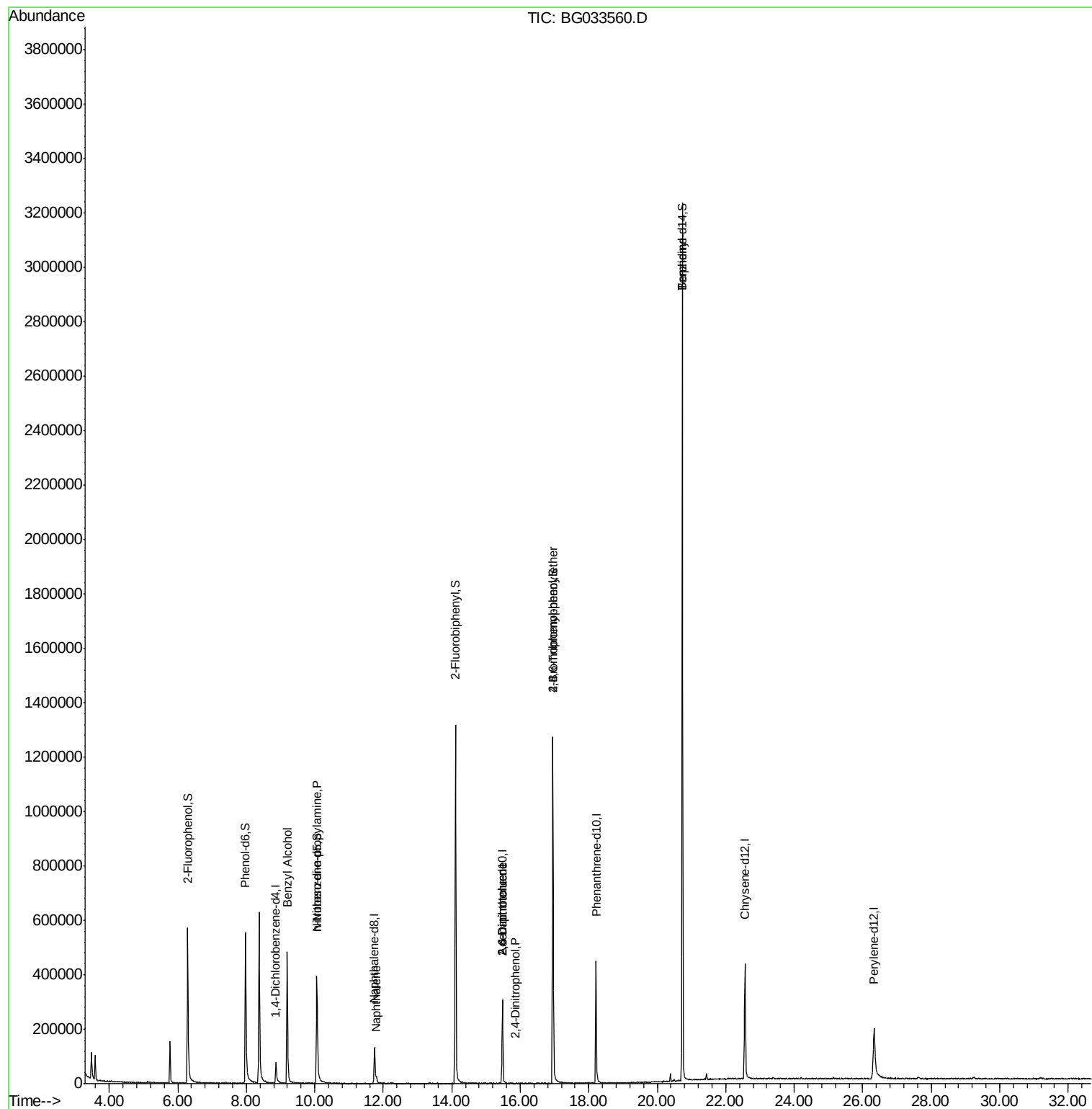
Quant Time: Apr 04 18:38:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

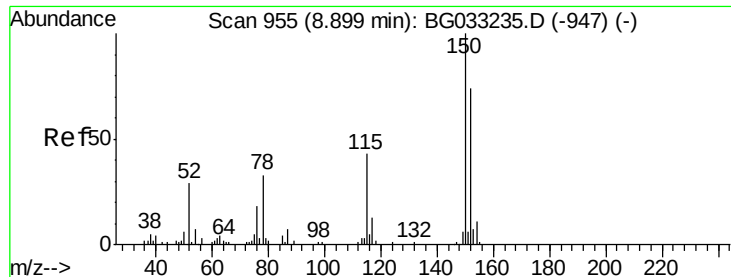
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	30782	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	139893	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	116848	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	315947	20.00	ng	0.00
75) Chrysene-d12	22.56	240	329830	20.00	ng	0.00
86) Perylene-d12	26.33	264	304523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	281320	171.37	ng	0.00
7) Phenol-d6	7.98	99	405580	143.79	ng	0.00
23) Nitrobenzene-d5	10.06	82	316418	103.92	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	254288	145.51	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	781714	96.58	ng	0.00
78) Terphenyl-d14	20.73	244	1602241	103.89	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5538	2.494	ng	# 32
19) n-Nitroso-di-n-propylamine	10.06	70	43030	20.819	ng	# 80
31) Naphthalene	11.80	128	17663	2.437	ng	# 98
50) 2,6-Dinitrotoluene	15.48	165	14960	7.195	ng	# 18
53) 2,4-Dinitrophenol	15.84	184	84	7.713	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	14961	4.887	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	19992	5.388	ng	# 1
76) Benzidine	20.73	184	26965	3.015	ng	# 91

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

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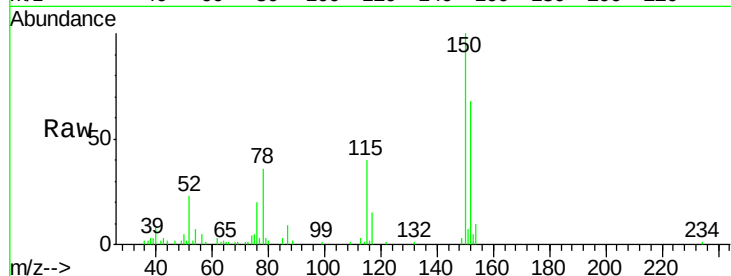




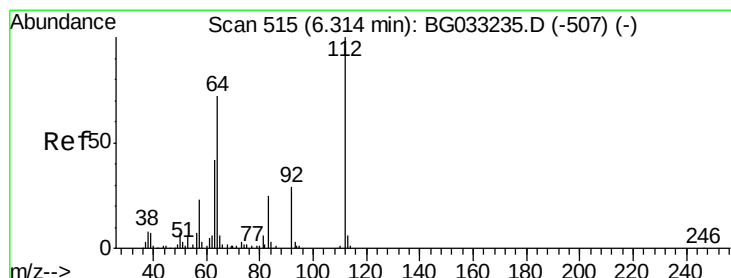
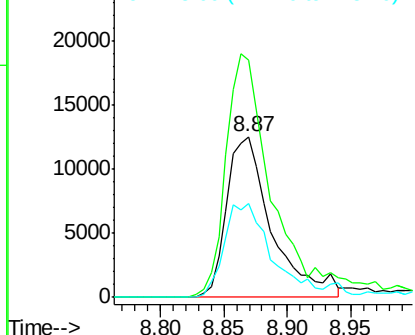
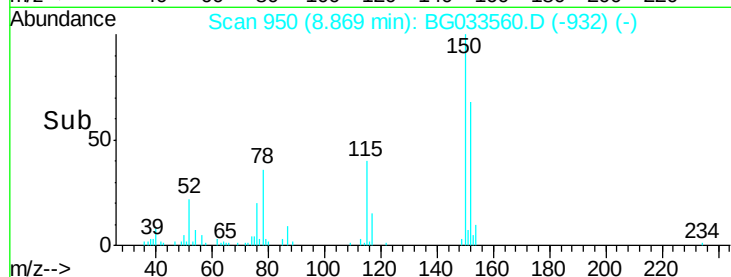
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG033560.D
Acq: 4 Apr 2018 15:12

Tot Ion	152	Resp	30782
Ion Ratio	Lower	Upper	
152	100		
150	147.7	126.6	189.8
115	58.7	53.0	79.4



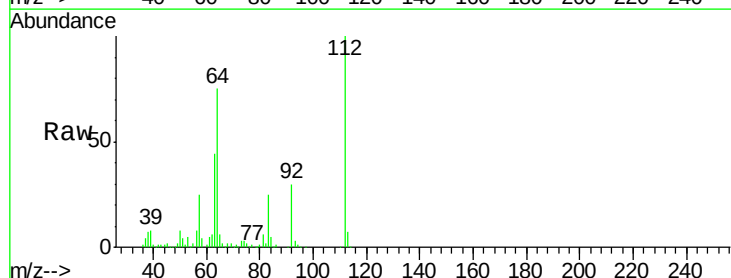
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



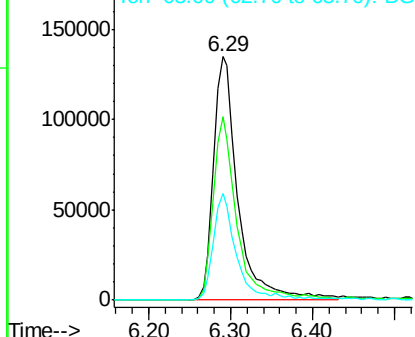
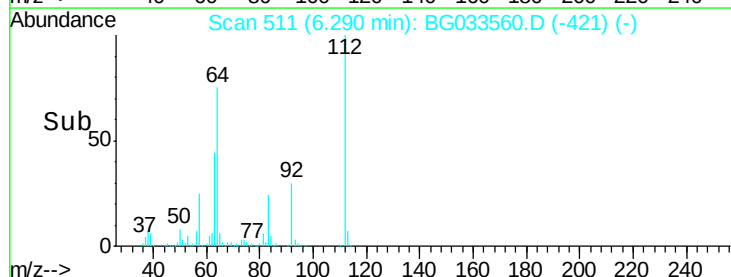
#5

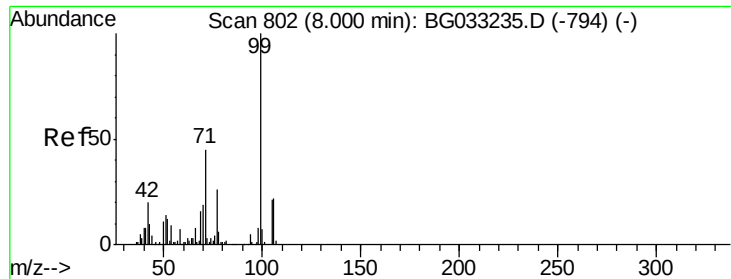
2-Fluorophenol
Concen: 171.369 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033560.D
Acq: 4 Apr 2018 15:12

Tgt Ion	112	Resp	281320
Ion Ratio	Lower	Upper	
112	100		
64	75.1	56.3	84.5
63	43.6	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: 143.792 ng

RT: 7.98 min Scan# 798

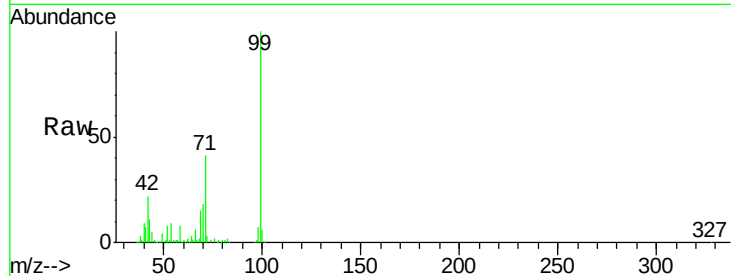
Delta R.T. -0.00 min

Lab File: BG033560.D

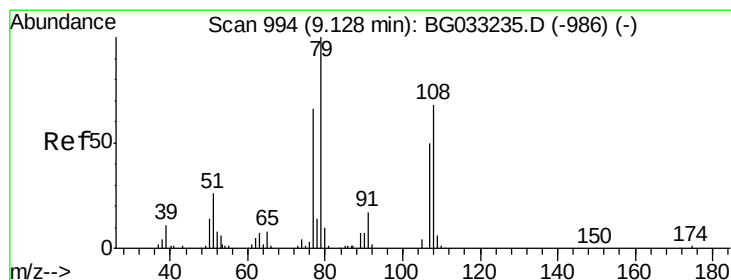
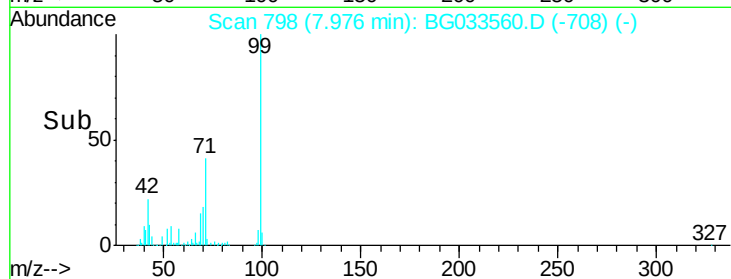
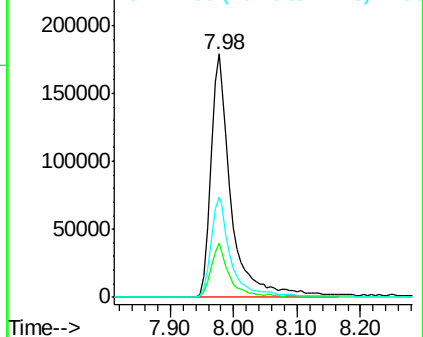
Acq: 4 Apr 2018 15:12

Tot Ion: 99 Resp: 405580

Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.1	21.1#
71	41.0	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: 2.494 ng

RT: 9.20 min Scan# 1006

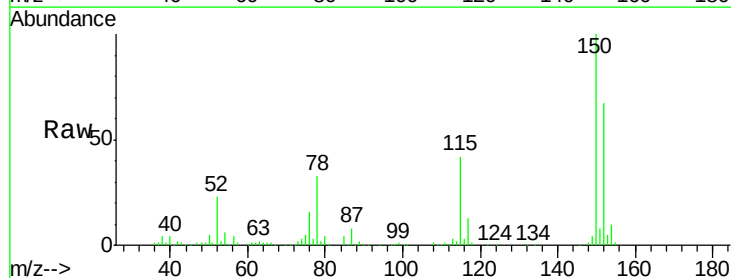
Delta R.T. 0.10 min

Lab File: BG033560.D

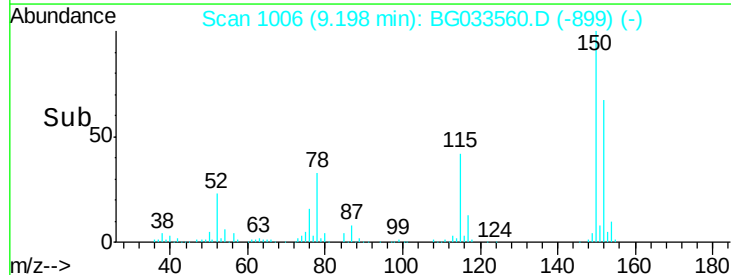
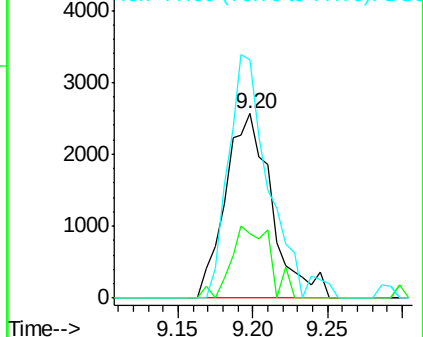
Acq: 4 Apr 2018 15:12

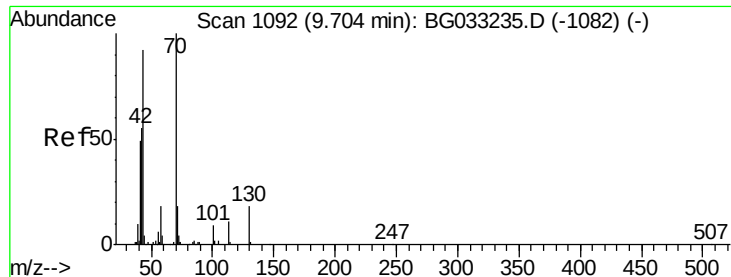
Tgt Ion: 79 Resp: 5538

Ion	Ratio	Lower	Upper
79	100		
108	35.0	57.2	85.8#
77	129.5	46.1	69.1#



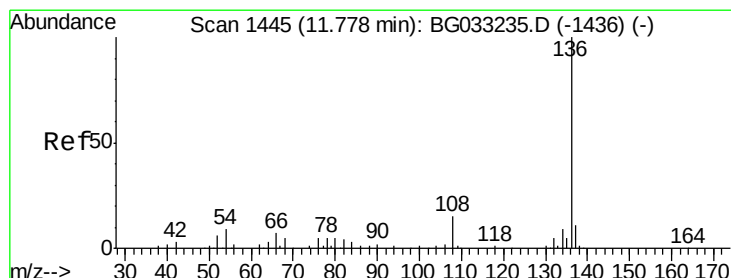
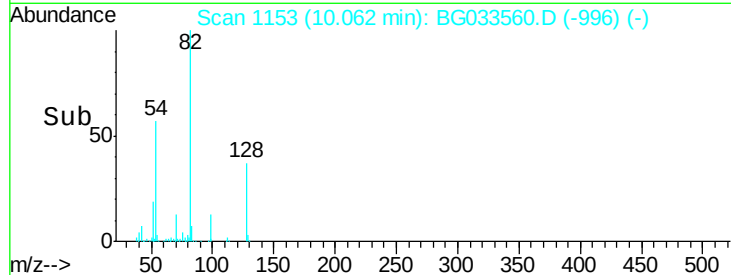
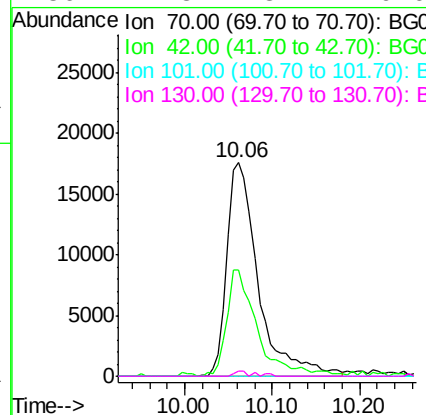
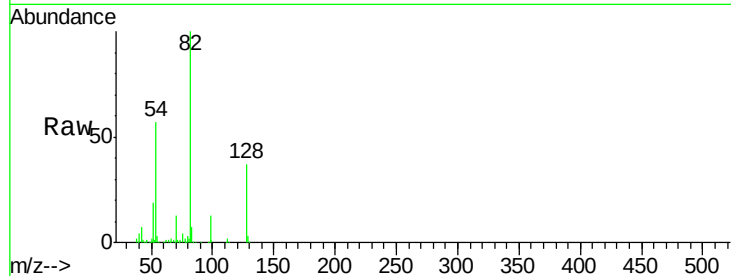
Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





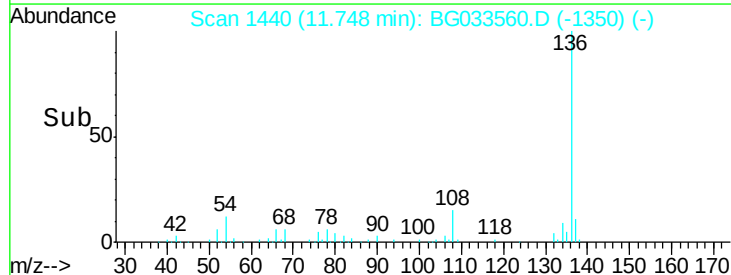
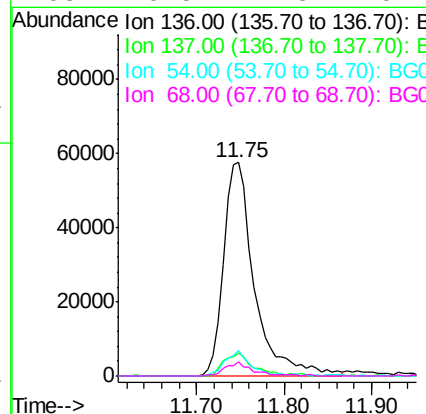
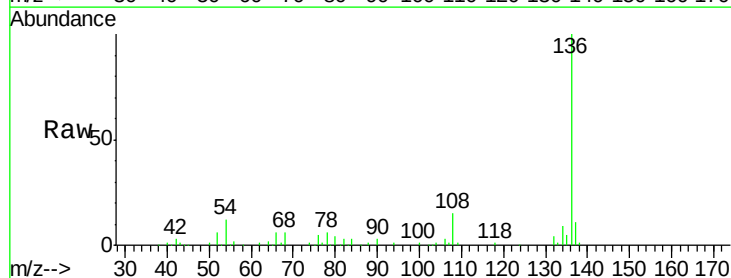
#19
n-Nitroso-di-n-propylamine
Concen: 20.819 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033560.D
Acq: 4 Apr 2018 15:12

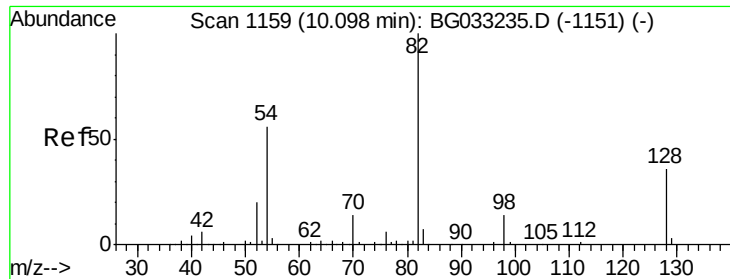
Tot Ion:	70	Resp:	43030
Ion	Ratio	Lower	Upper
70	100		
42	50.0	49.1	73.7
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG033560.D
Acq: 4 Apr 2018 15:12

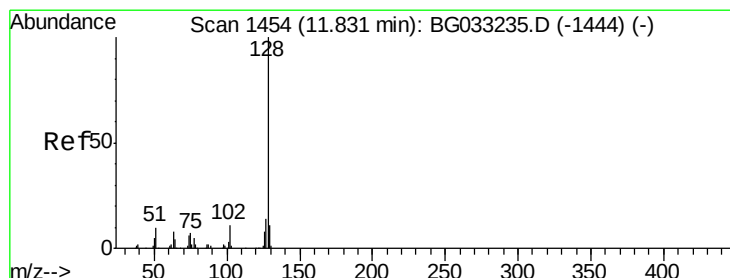
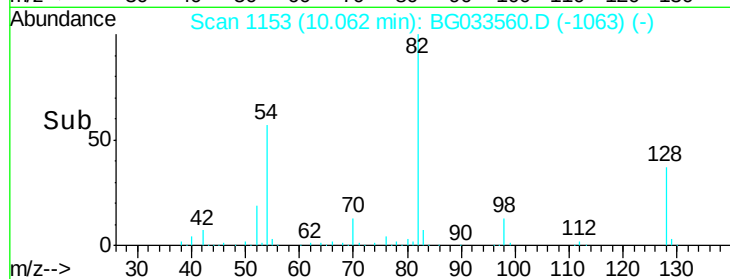
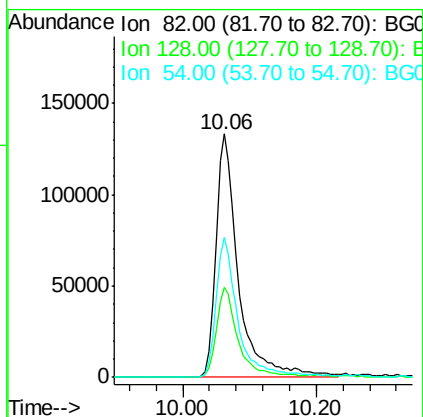
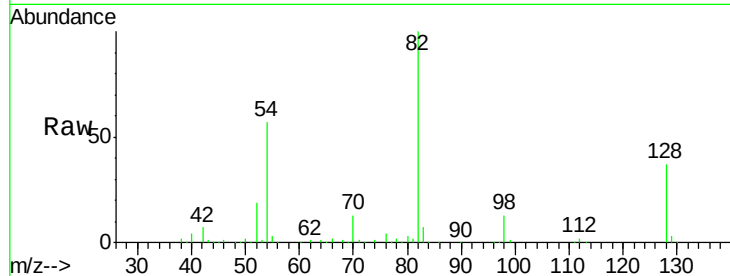
Tgt Ion:	136	Resp:	139893
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	11.7	10.3	15.5
68	6.5	4.5	6.7





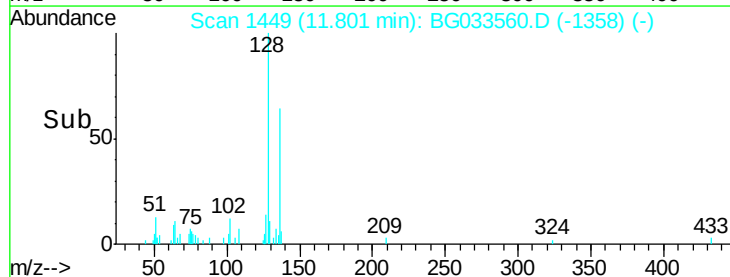
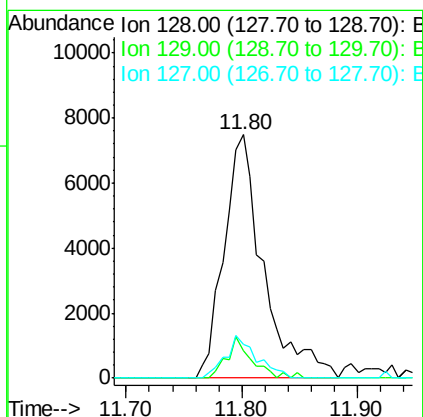
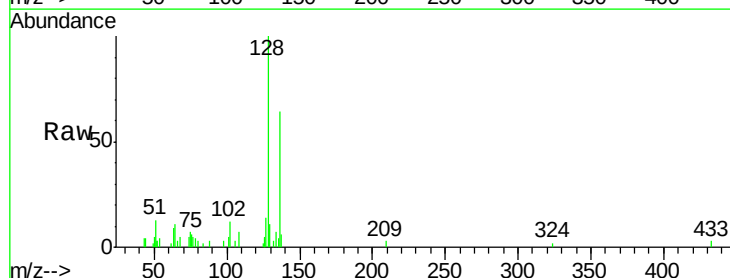
#23
 Nitrobenzene-d5
 Concen: 103.919 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033560.D
 Acq: 4 Apr 2018 15:12

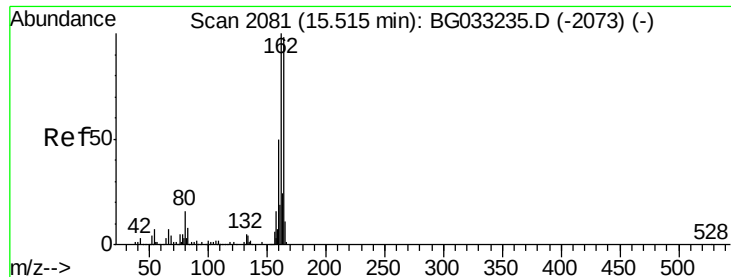
Tot Ion	82	Resp	316418
Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.7	44.5
54	57.4	43.1	64.7



#31
 Naphthalene
 Concen: 2.437 ng
 RT: 11.80 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BG033560.D
 Acq: 4 Apr 2018 15:12

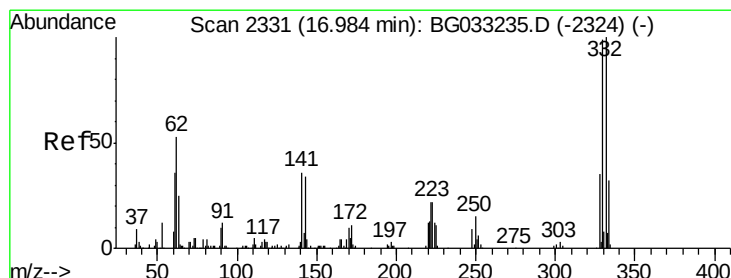
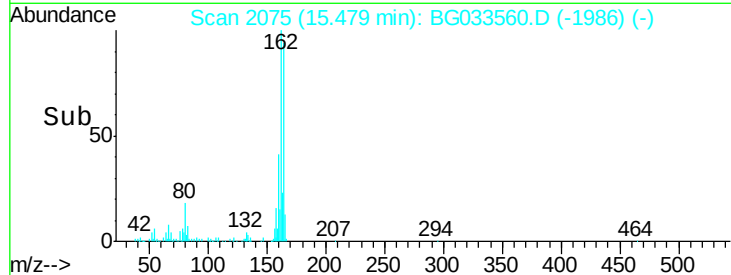
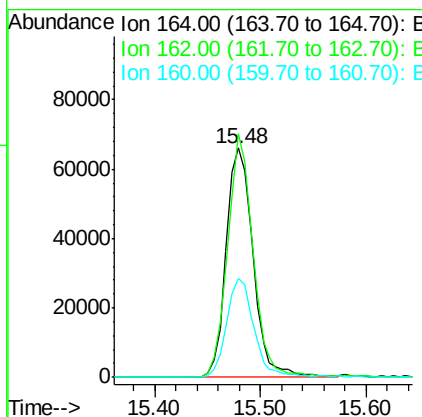
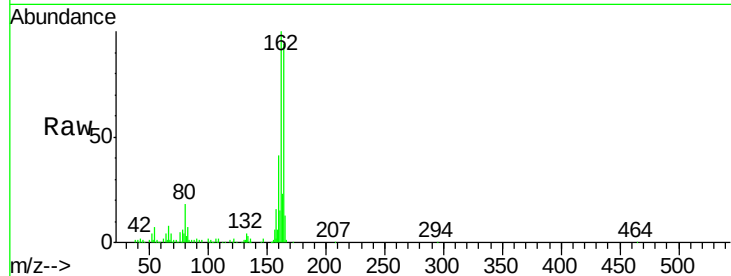
Tgt Ion	128	Resp	17663
Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.7	11.6	17.4





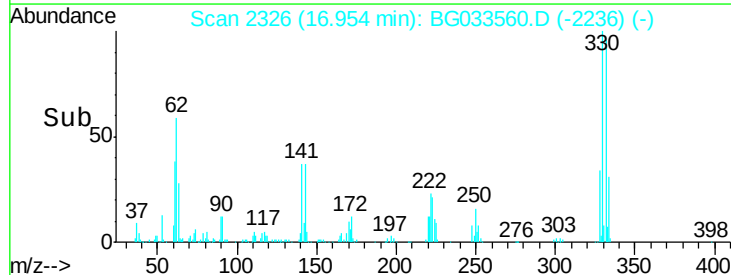
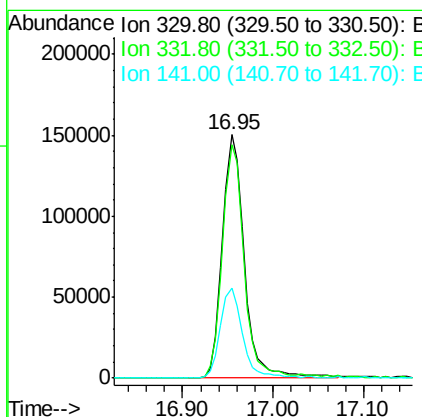
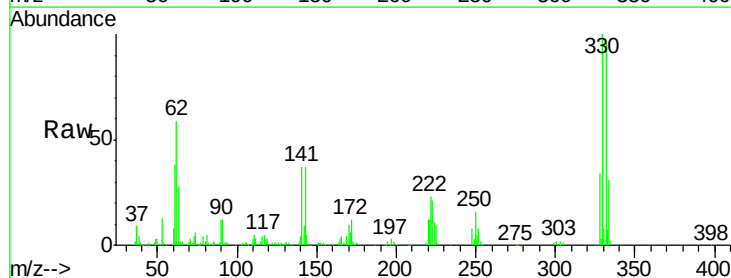
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033560.D
 Acq: 4 Apr 2018 15:12

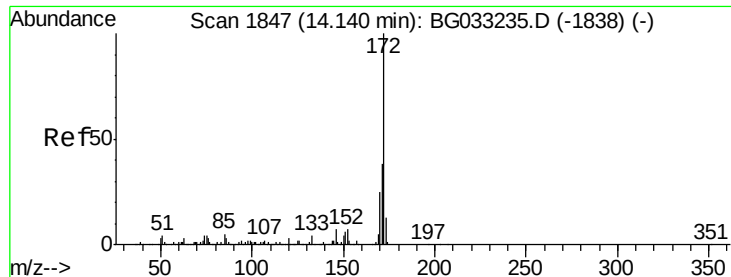
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.3	78.8	118.2
160	43.3	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 145.507 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033560.D
 Acq: 4 Apr 2018 15:12

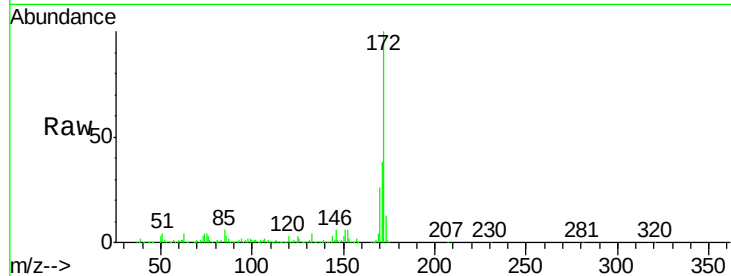
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.5	25.2	37.8



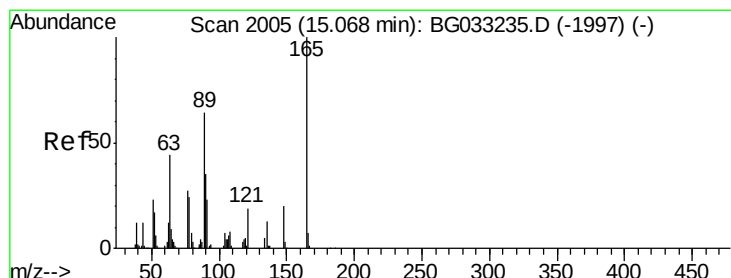
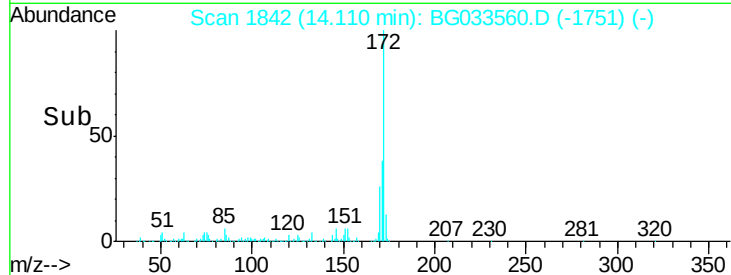
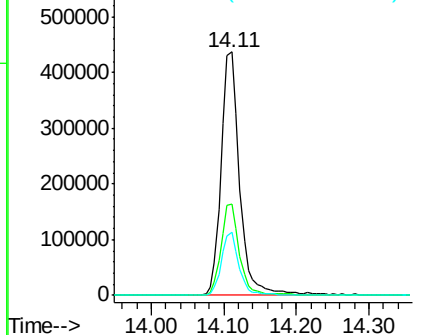


#44
 2-Fluorobiphenyl
 Concen: 96.579 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033560.D
 Acq: 4 Apr 2018 15:12

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	26.0	19.5	29.3

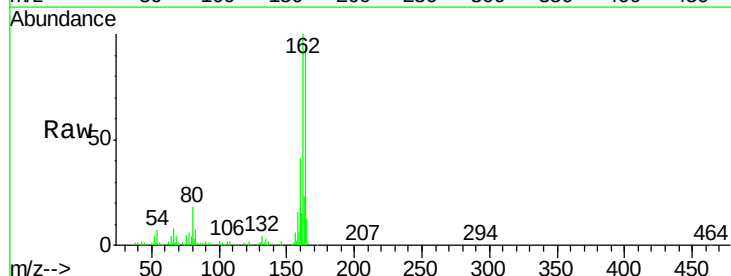


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

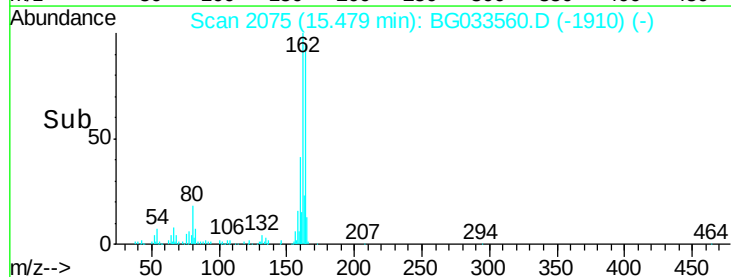
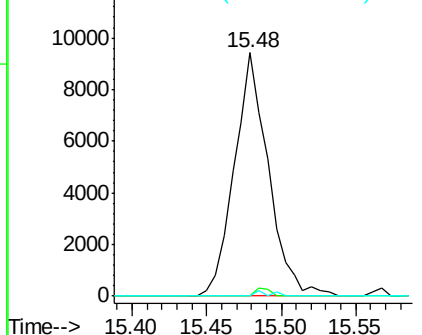


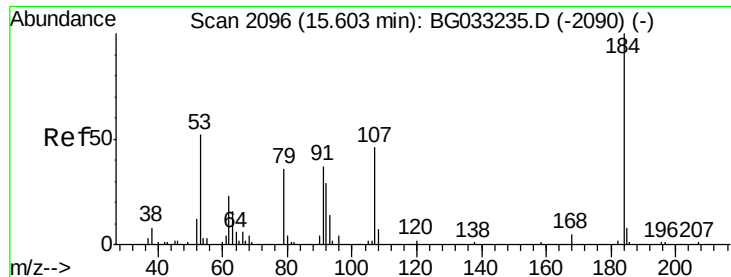
#50
 2,6-Dinitrotoluene
 Concen: 7.195 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.44 min
 Lab File: BG033560.D
 Acq: 4 Apr 2018 15:12

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



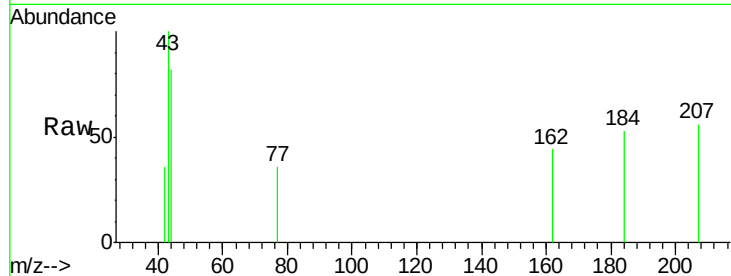
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0



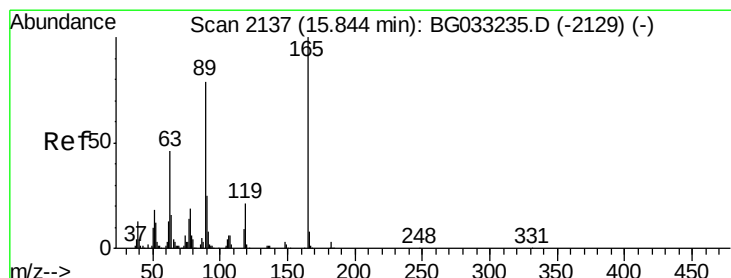
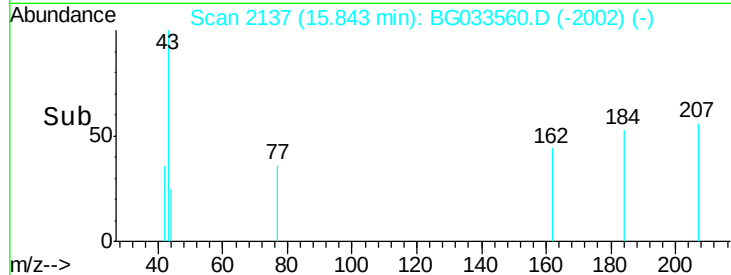
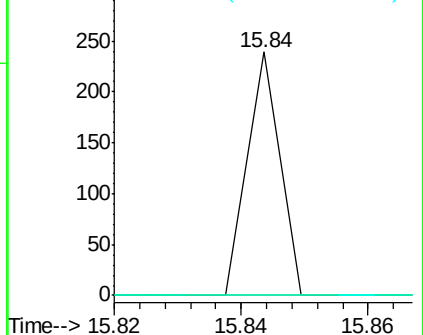


#53
 2,4-Dinitrophenol
 Concen: 7.713 ng
 RT: 15.84 min Scan# 2137
 Delta R.T. 0.26 min
 Lab File: BG033560.D
 Acq: 4 Apr 2018 15:12

Tot Ion:184 Resp: 84
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

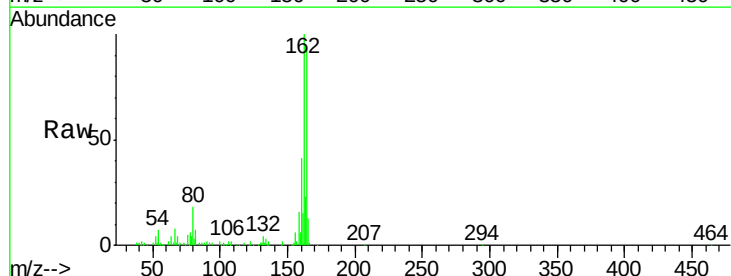


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

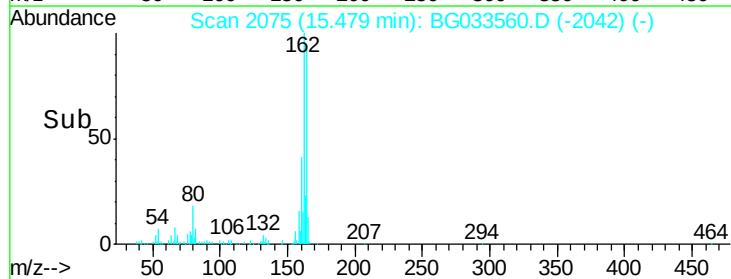
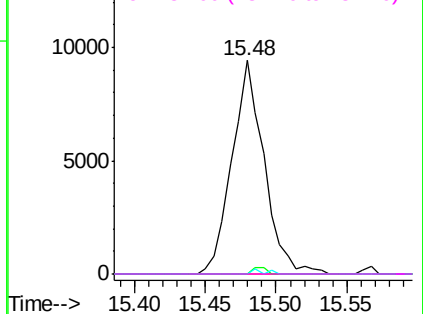


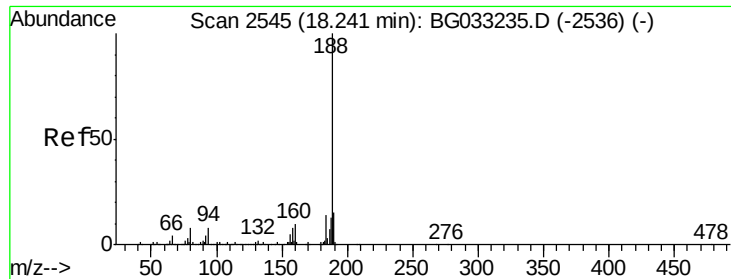
#56
 2,4-Dinitrotoluene
 Concen: 4.887 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033560.D
 Acq: 4 Apr 2018 15:12

Tgt Ion:165 Resp: 14961
 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): BG
 Ion 89.00 (88.70 to 89.70): BG
 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: BG033560.D

Acq: 4 Apr 2018 15:12

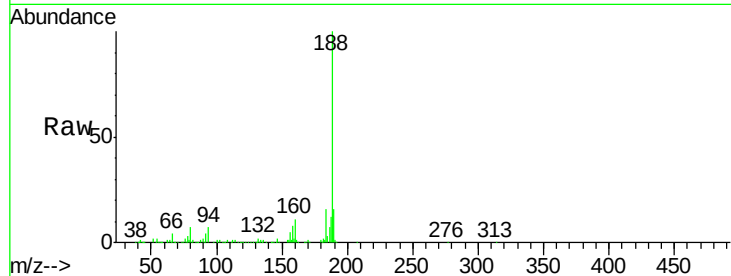
Tot Ion:188 Resp: 315947

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

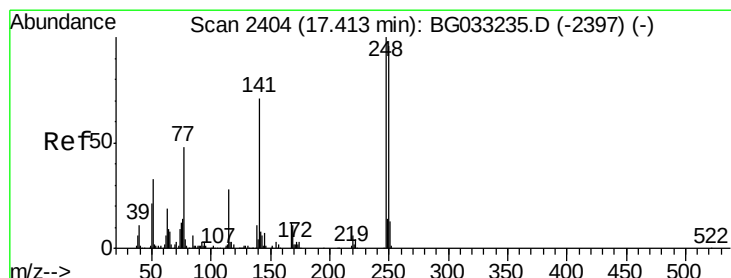
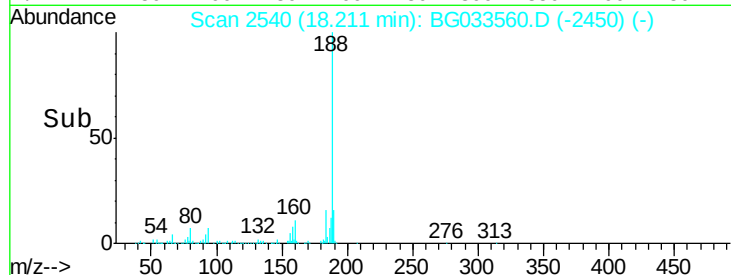
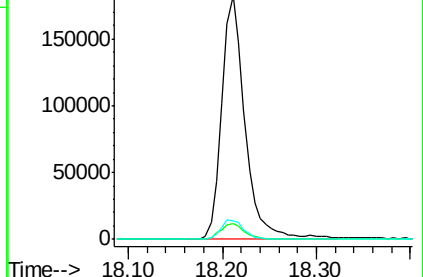
80 7.5 7.7 11.5#



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: 5.388 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.43 min

Lab File: BG033560.D

Acq: 4 Apr 2018 15:12

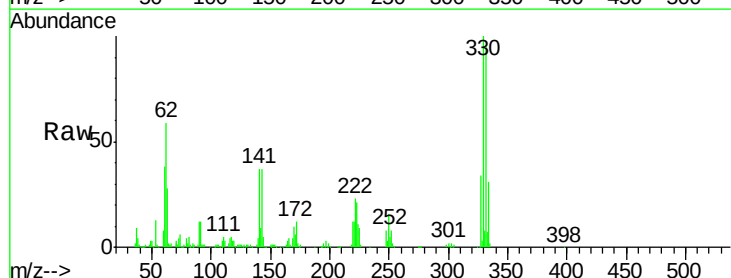
Tgt Ion:248 Resp: 19992

Ion Ratio Lower Upper

248 100

250 193.6 77.1 115.7#

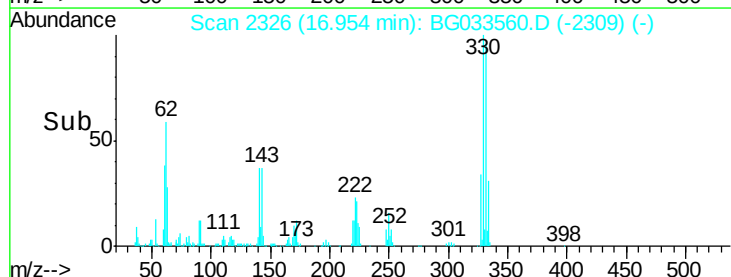
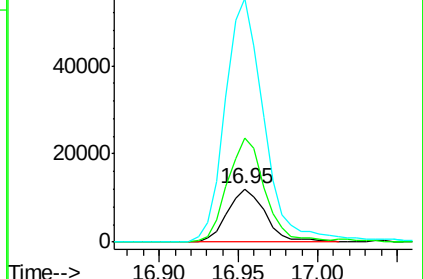
141 454.9 50.8 76.2#

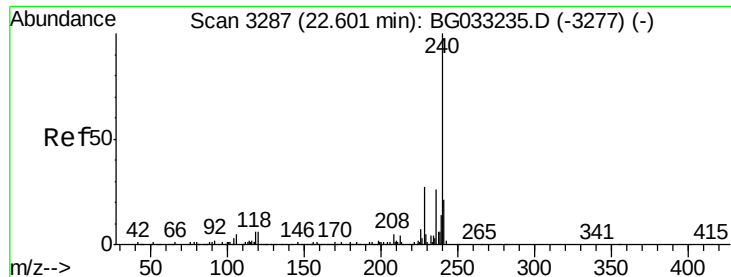


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG033560.D

Acq: 4 Apr 2018 15:12

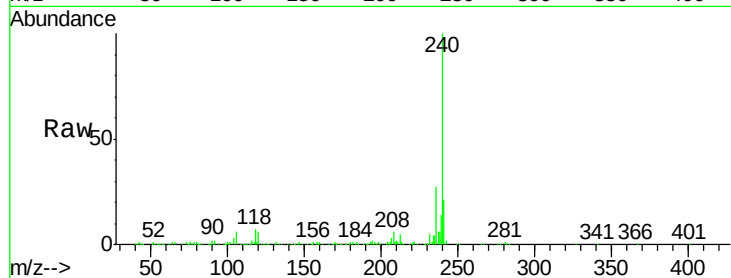
Tot Ion:240 Resp: 329830

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

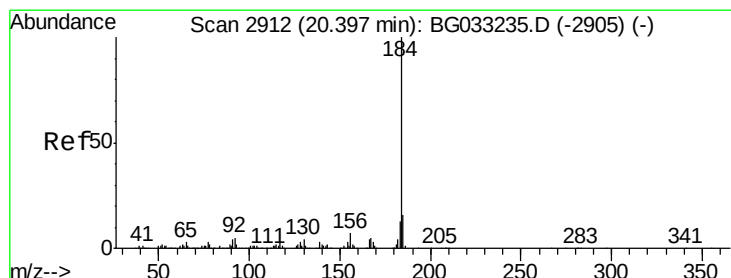
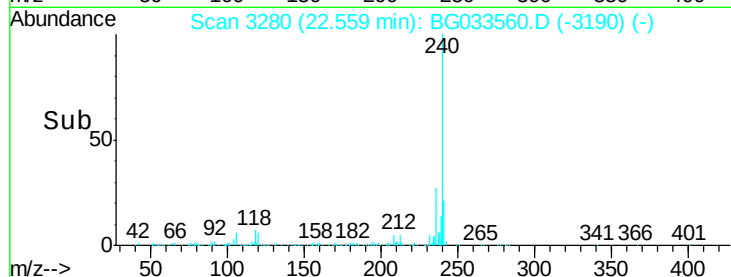
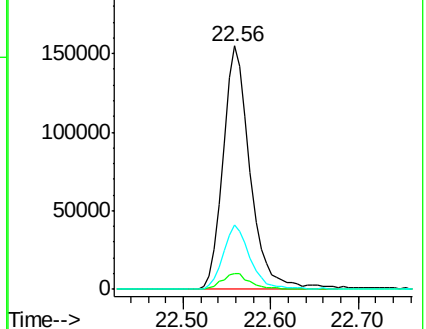
236 26.7 20.9 31.3



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: 3.015 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033560.D

Acq: 4 Apr 2018 15:12

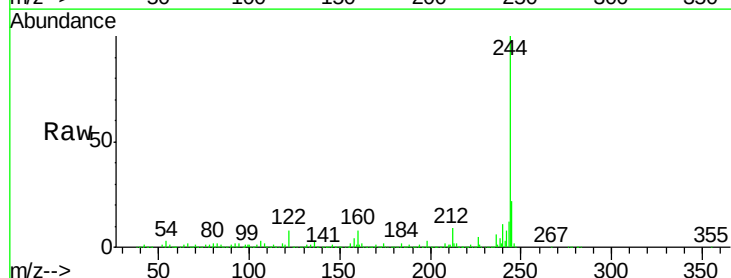
Tgt Ion:184 Resp: 26965

Ion Ratio Lower Upper

184 100

185 17.5 11.1 16.7#

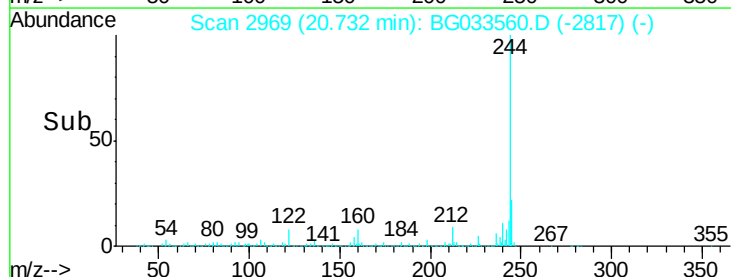
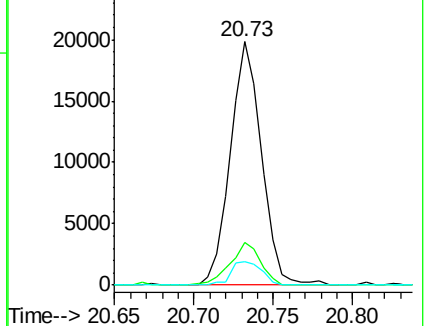
183 9.5 10.6 16.0#

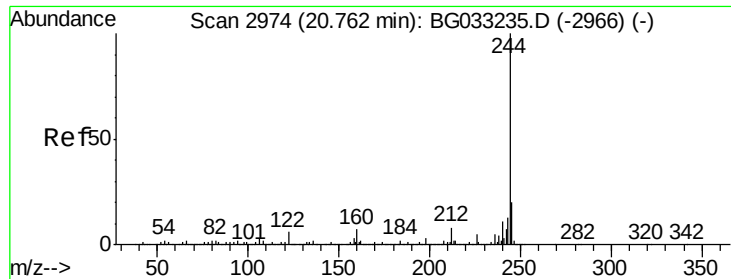


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 103.889 ng

RT: 20.73 min Scan# 2969

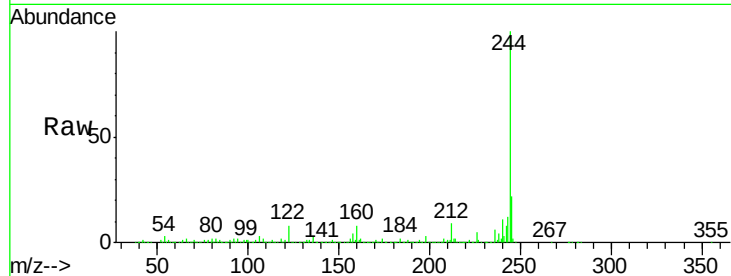
Delta R.T. -0.00 min

Lab File: BG033560.D

Acq: 4 Apr 2018 15:12

Tot Ion:244 Resp: 1602241

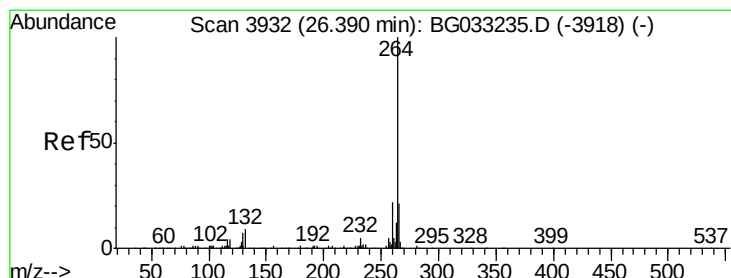
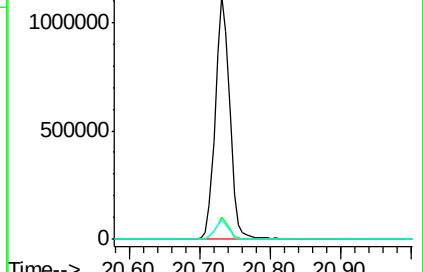
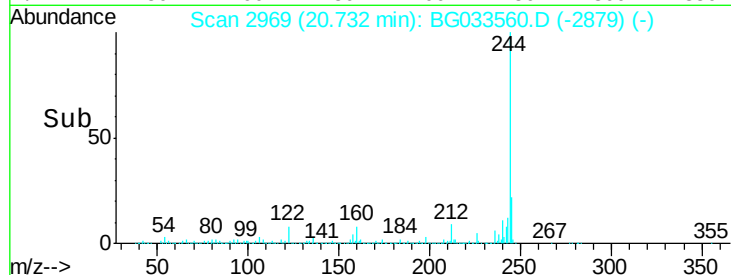
Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	8.0	7.0	10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.33 min Scan# 3921

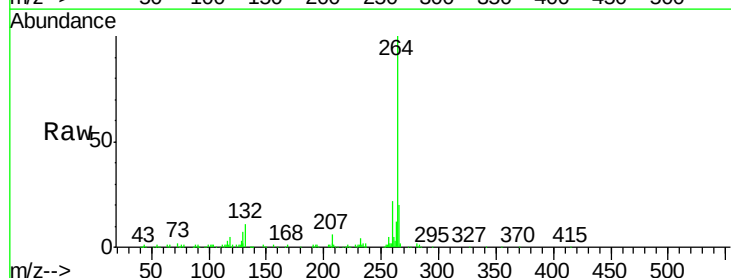
Delta R.T. 0.00 min

Lab File: BG033560.D

Acq: 4 Apr 2018 15:12

Tgt Ion:264 Resp: 304523

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	20.0	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

