

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033567.D
 Acq On : 4 Apr 2018 19:36
 Operator : SJ/JU
 Sample : J2177-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

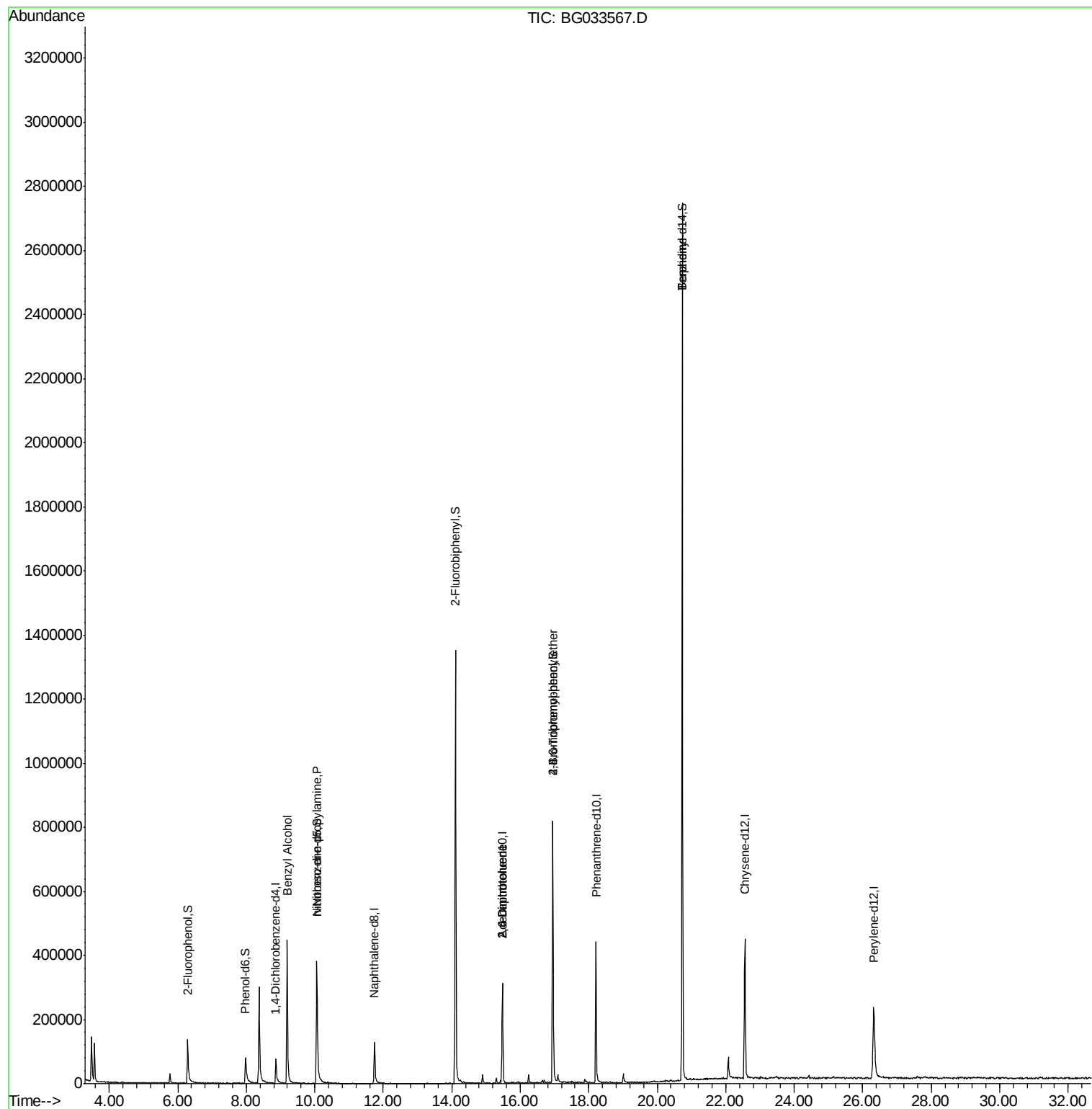
Quant Time: Apr 05 03:25:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

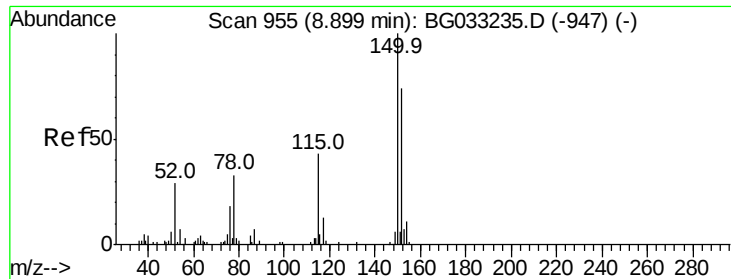
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	28402	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	132551	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	119542	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	322495	20.00	ng	0.00
75) Chrysene-d12	22.56	240	322696	20.00	ng	0.00
86) Perylene-d12	26.33	264	335730	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	76468	50.48	ng	0.00
7) Phenol-d6	7.98	99	78013	29.98	ng	0.00
23) Nitrobenzene-d5	10.06	82	305361	105.84	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	165660	92.66	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	774146	93.49	ng	0.00
78) Terphenyl-d14	20.73	244	1401801	92.90	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	4452	2.173	ng	# 44
19) n-Nitroso-di-n-propylamine	10.06	70	41614	21.821	ng	# 79
50) 2,6-Dinitrotoluene	15.48	165	14309	6.727	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	14309	4.569	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	12952	3.420	ng	# 1
76) Benzidine	20.73	184	22130	2.529	ng	# 86

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

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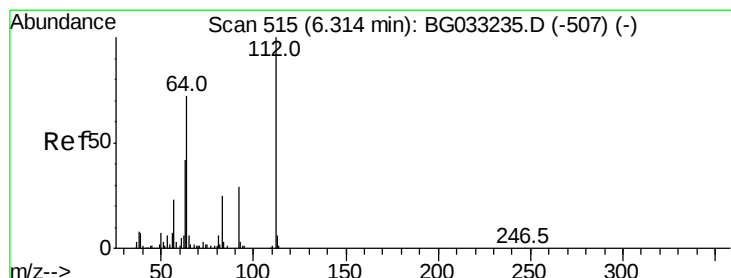
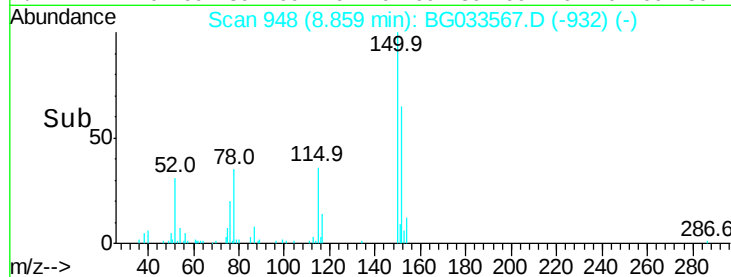
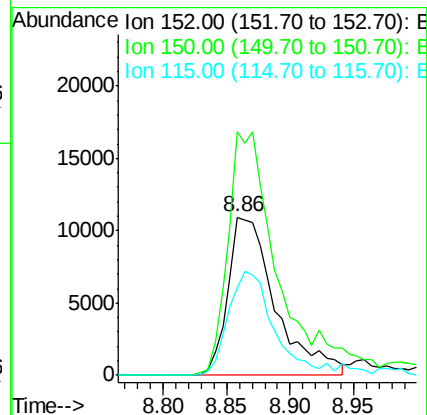
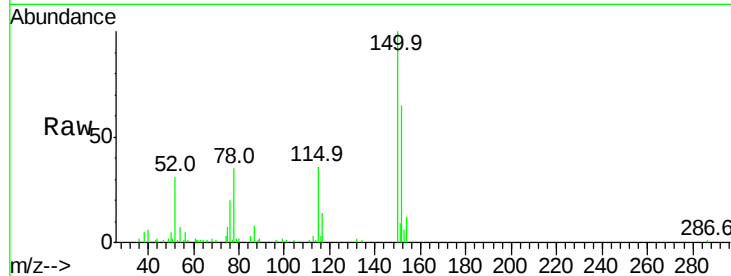




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033567.D
Acq: 4 Apr 2018 19:36

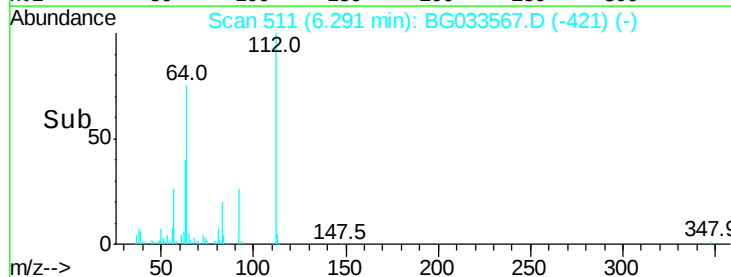
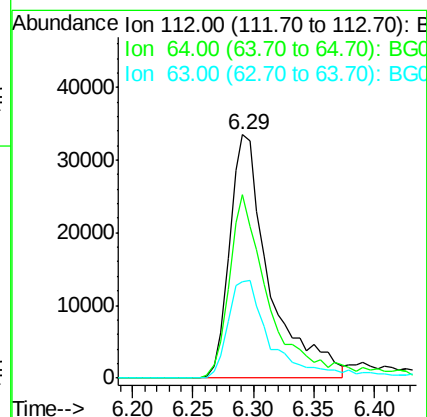
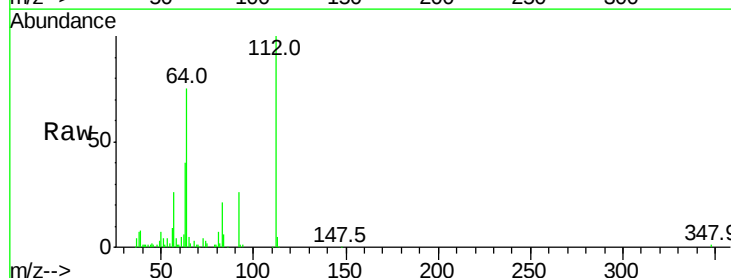
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.6	189.8
115	55.6	53.0	79.4

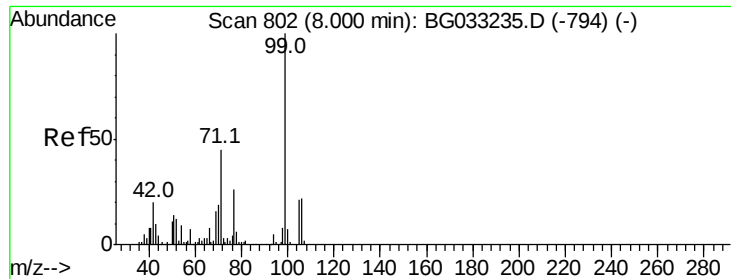


#5

2-Fluorophenol
Concen: 50.485 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033567.D
Acq: 4 Apr 2018 19:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.4	56.3	84.5
63	39.6	30.1	45.1





#7

Phenol-d6

Concen: 29.976 ng

RT: 7.98 min Scan# 798

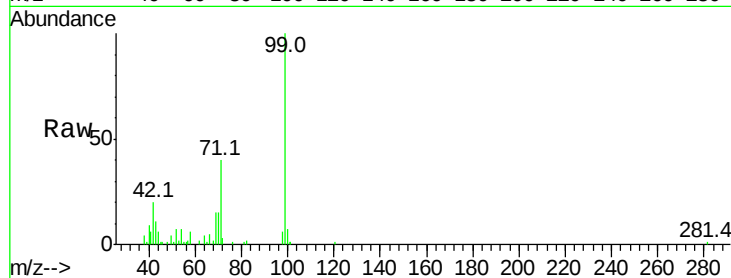
Delta R.T. -0.00 min

Lab File: BG033567.D

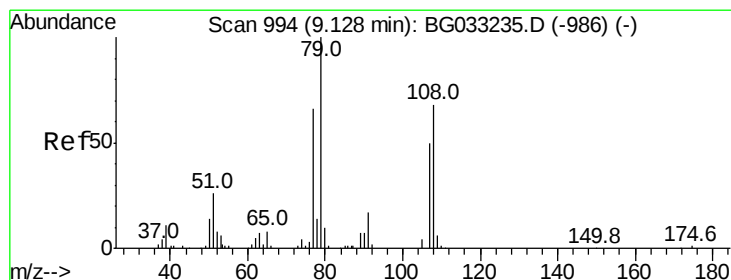
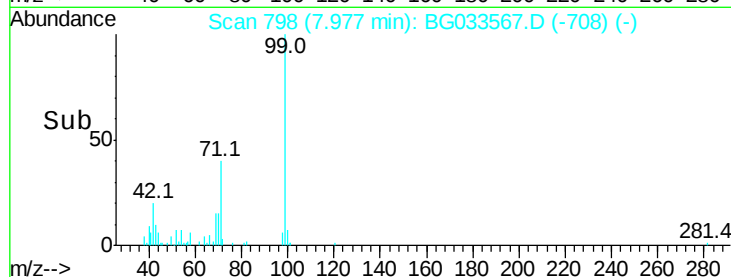
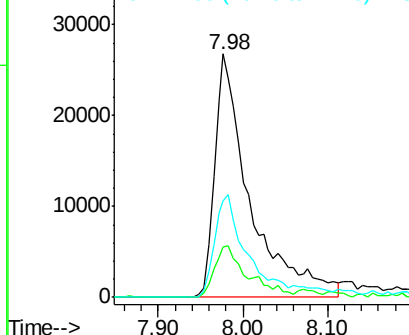
Acq: 4 Apr 2018 19:36

Tot Ion: 99 Resp: 78013

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.1	21.1
71	39.6	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: 2.173 ng

RT: 9.20 min Scan# 1006

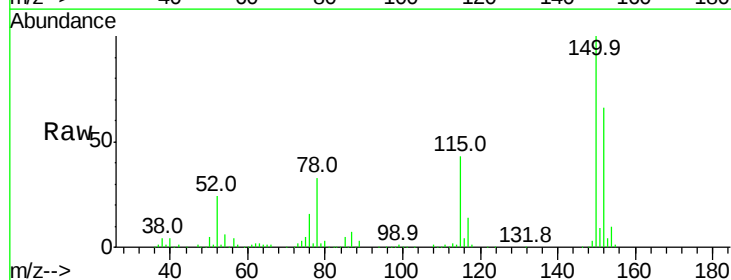
Delta R.T. 0.10 min

Lab File: BG033567.D

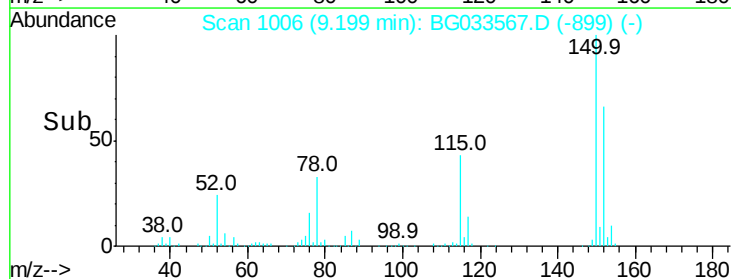
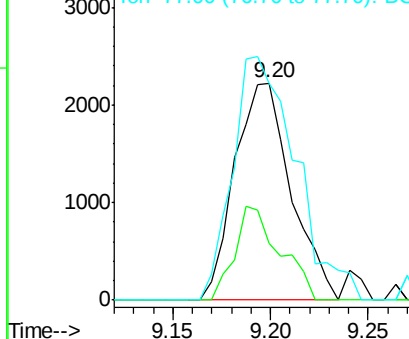
Acq: 4 Apr 2018 19:36

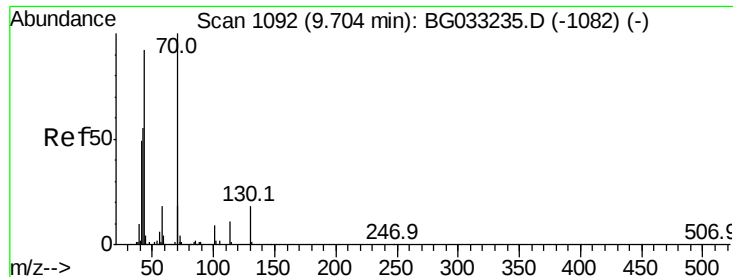
Tgt Ion: 79 Resp: 4452

Ion	Ratio	Lower	Upper
79	100		
108	26.1	57.2	85.8#
77	99.6	46.1	69.1#



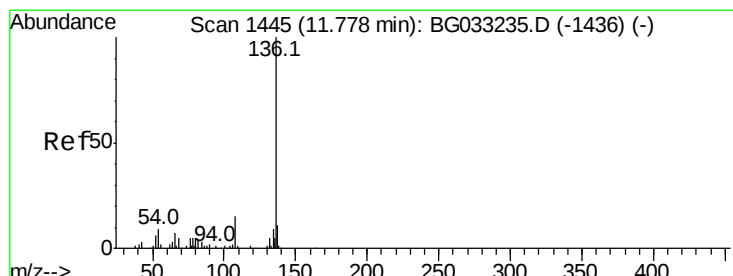
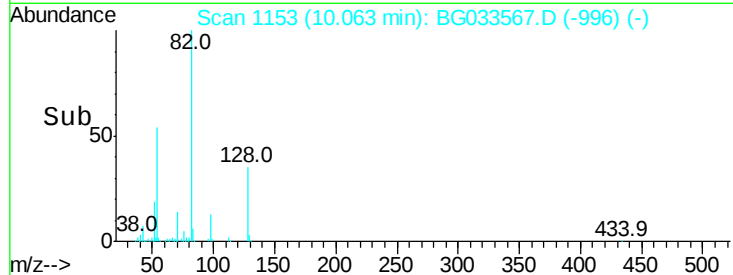
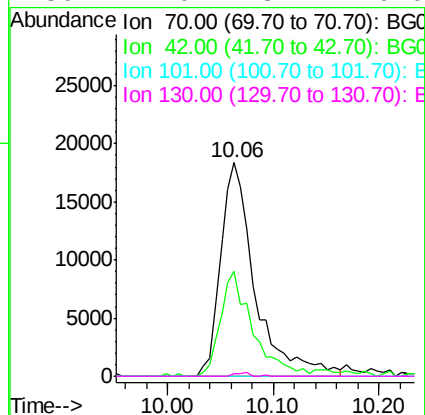
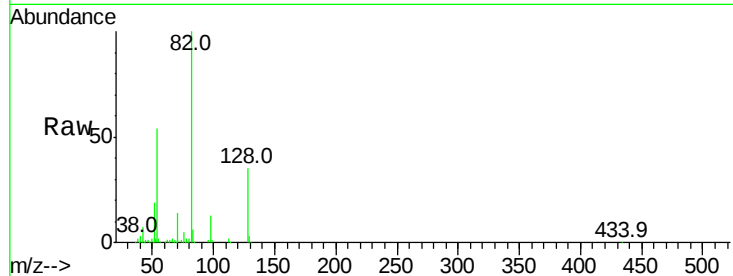
Abundance Ion 79.00 (78.70 to 79.70): BGC
 Ion 108.00 (107.70 to 108.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





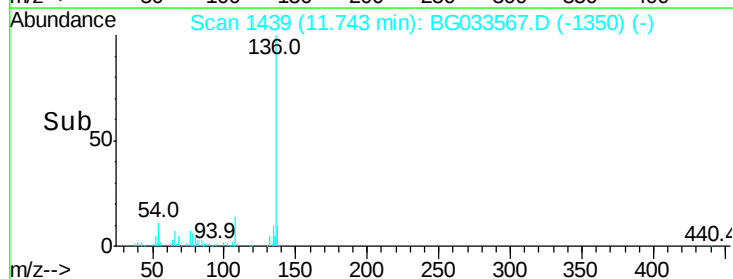
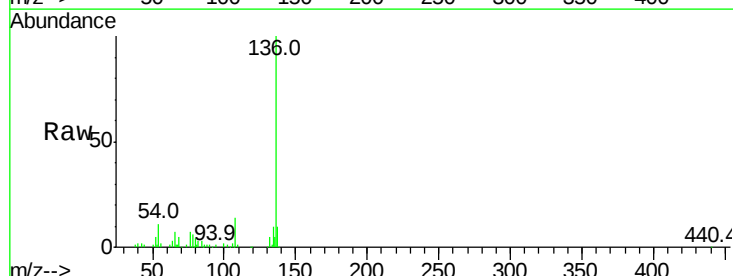
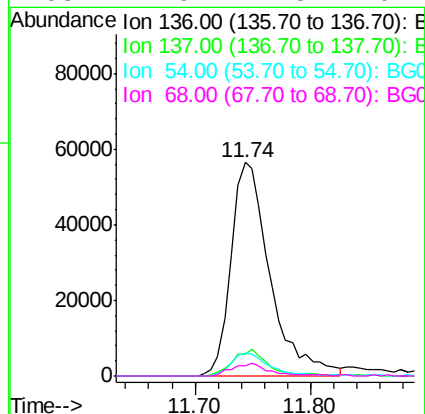
#19
n-Nitroso-di-n-propylamine
Concen: 21.821 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033567.D
Acq: 4 Apr 2018 19:36

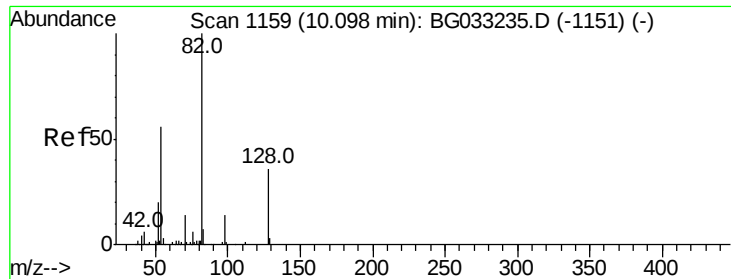
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.9	49.1	73.7#	
101	0.0	8.5	12.7#	
130	1.0	13.4	20.0#	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033567.D
Acq: 4 Apr 2018 19:36

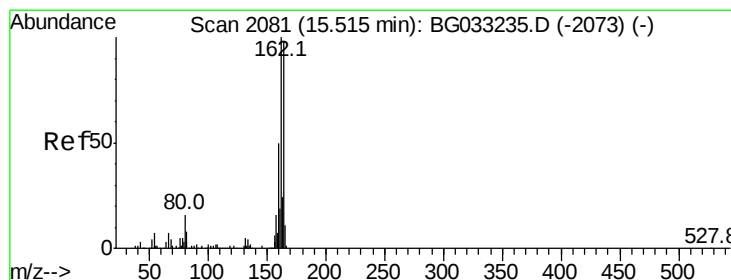
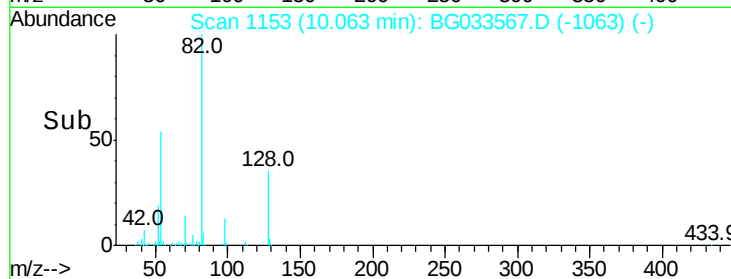
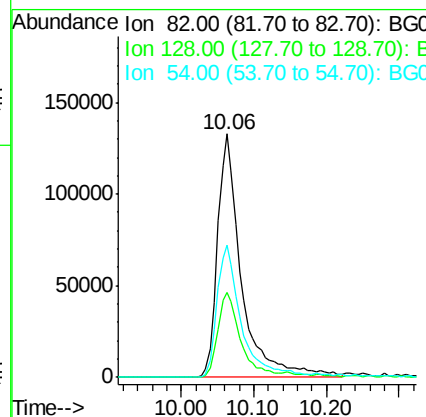
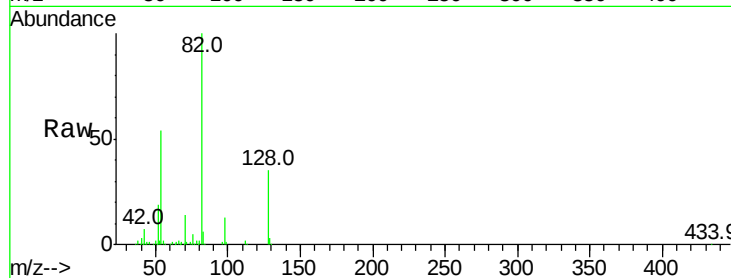
Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.2	9.2	13.8	
54	10.9	10.3	15.5	
68	4.9	4.5	6.7	





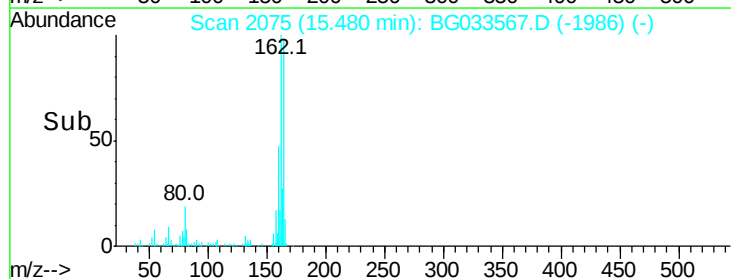
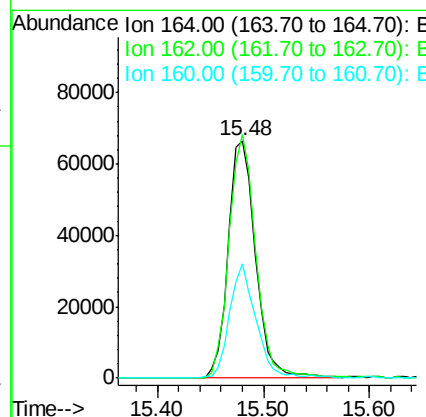
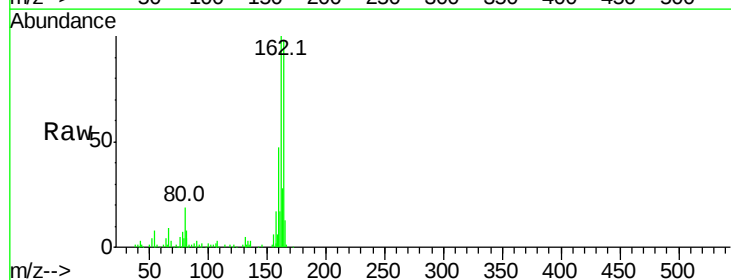
#23
Nitrobenzene-d5
Concen: 105.842 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033567.D
Acq: 4 Apr 2018 19:36

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.7	44.5
54	54.2	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: BG033567.D
Acq: 4 Apr 2018 19:36

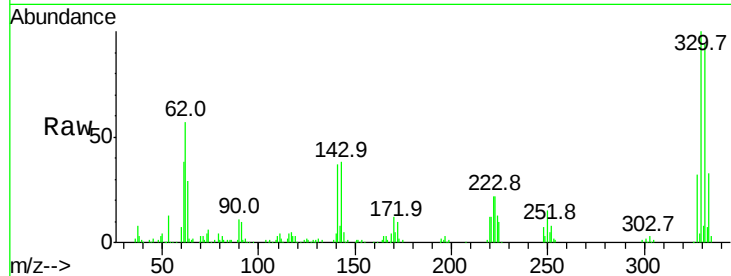
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	48.2	35.4	53.0



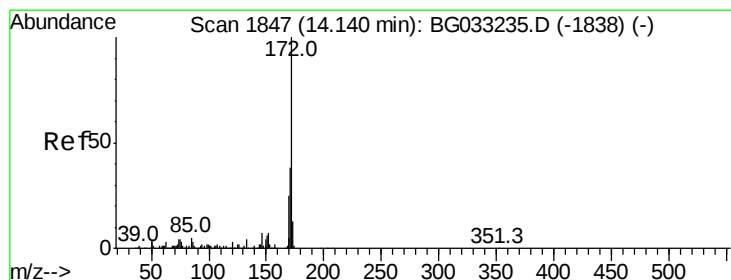
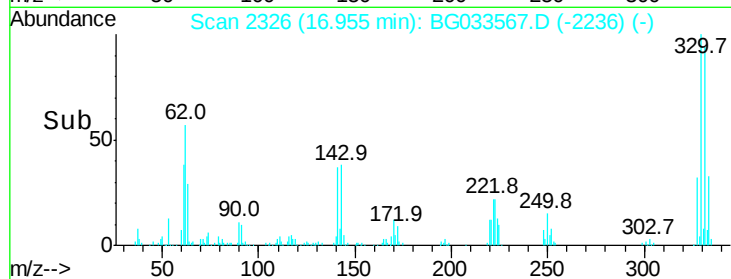
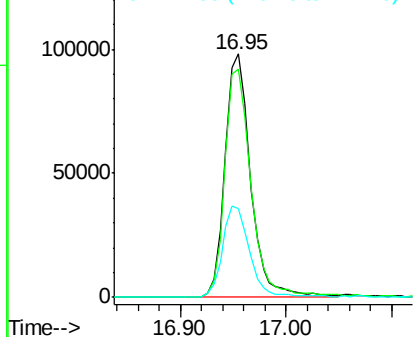


#41
 2,4,6-Tribromophenol
 Concen: 92.657 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033567.D
 Acq: 4 Apr 2018 19:36

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	39.2	25.2	37.8#

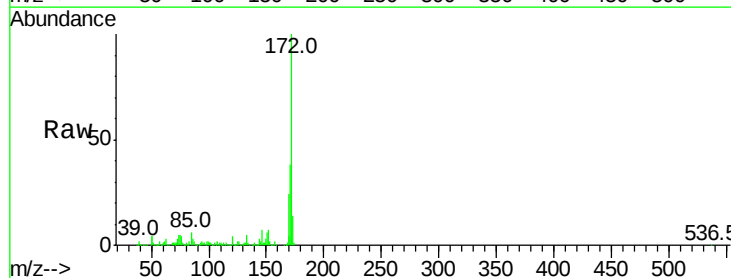


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

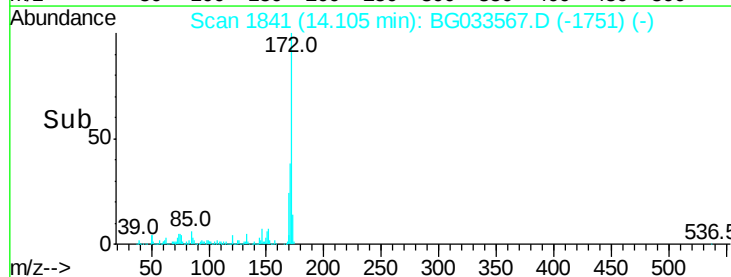
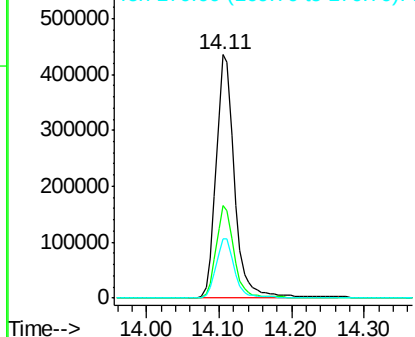


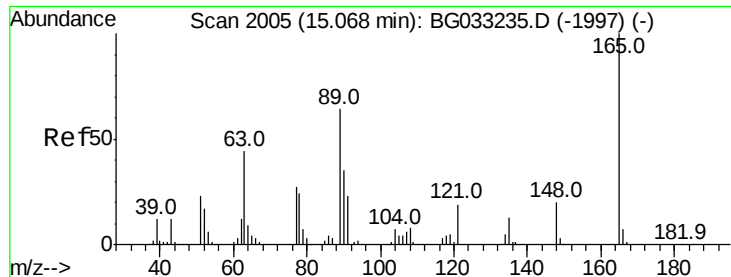
#44
 2-Fluorobiphenyl
 Concen: 93.489 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033567.D
 Acq: 4 Apr 2018 19:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.3	19.5	29.3



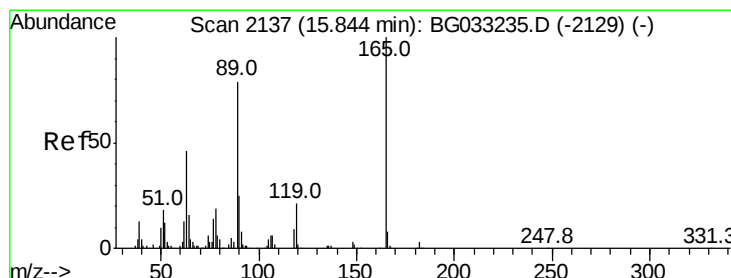
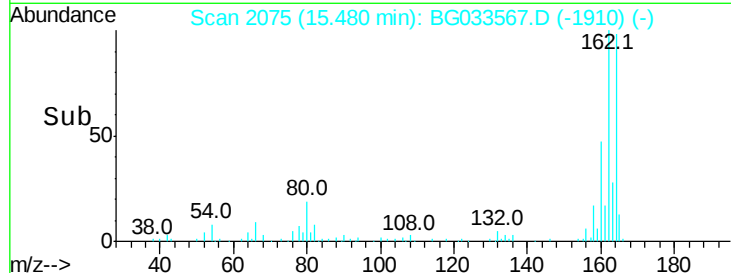
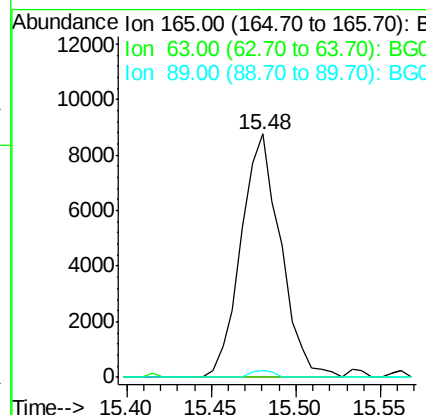
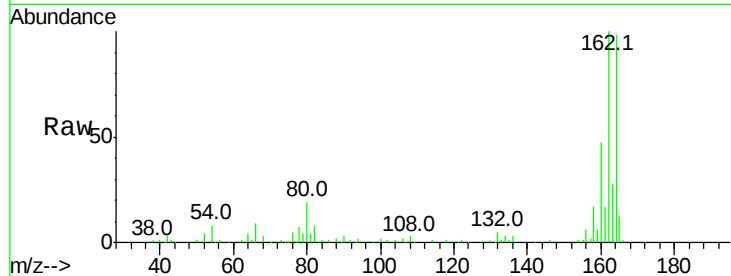
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





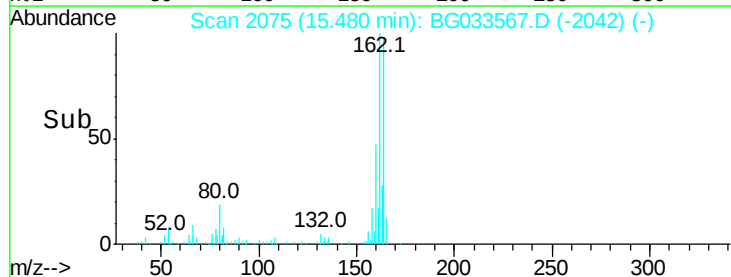
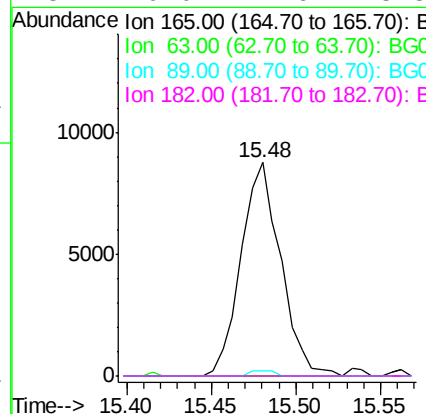
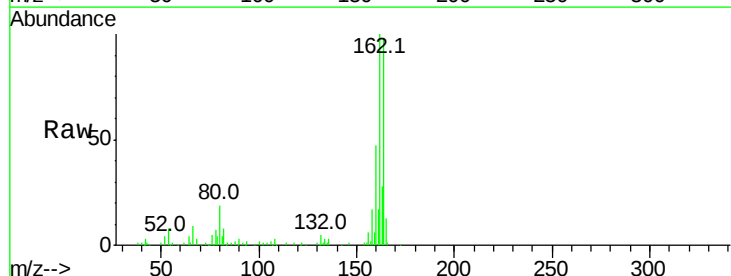
#50
 2,6-Dinitrotoluene
 Concen: 6.727 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.44 min
 Lab File: BG033567.D
 Acq: 4 Apr 2018 19:36

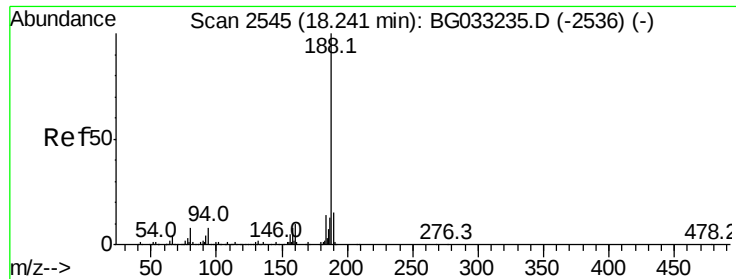
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.6	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.569 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033567.D
 Acq: 4 Apr 2018 19:36

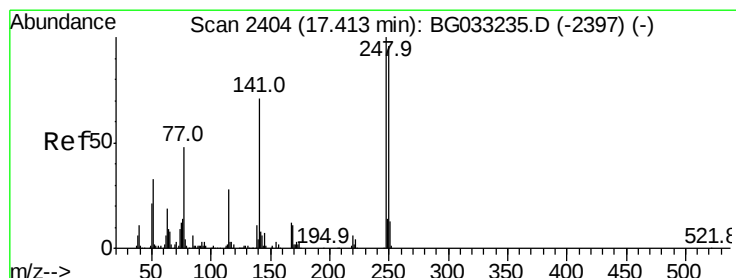
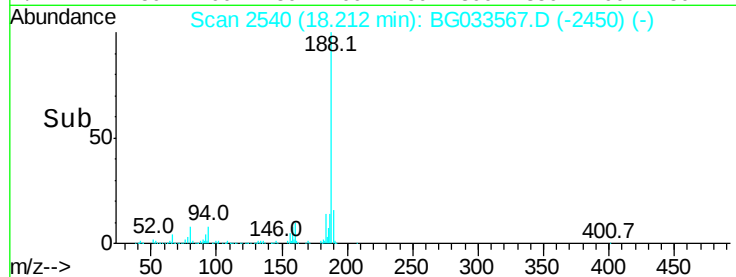
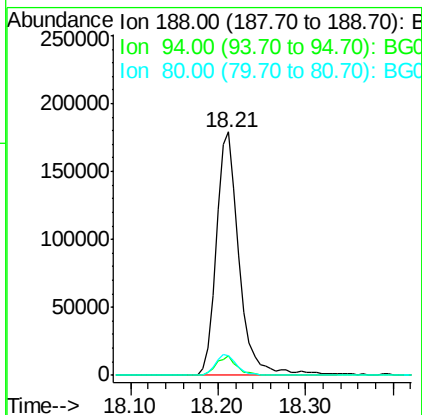
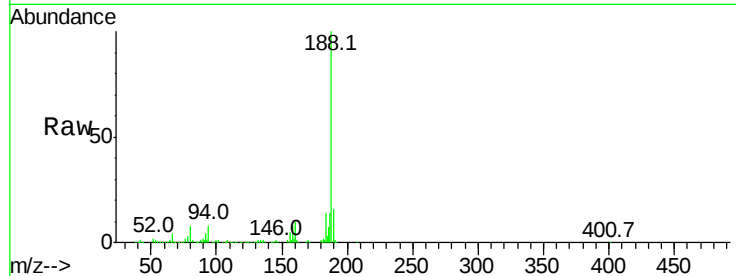
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.6	66.9	100.3#
182	0.0	2.6	3.8#





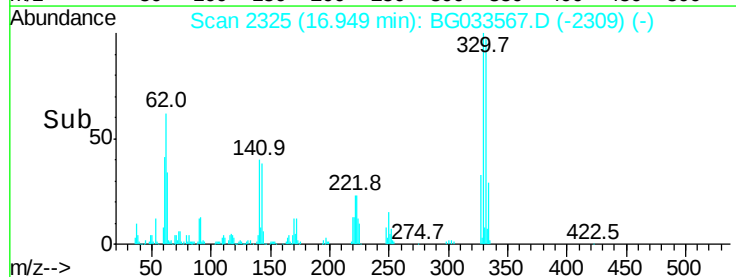
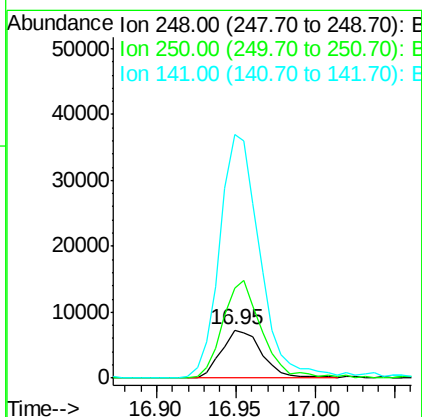
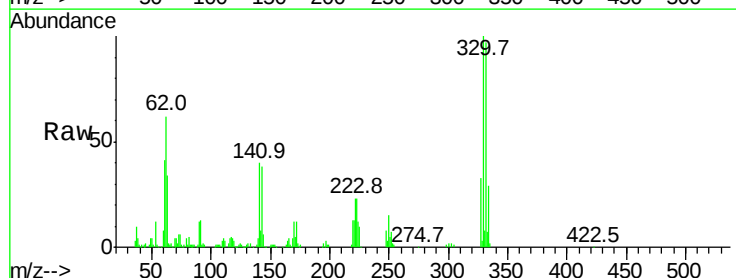
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033567.D
 Acq: 4 Apr 2018 19:36

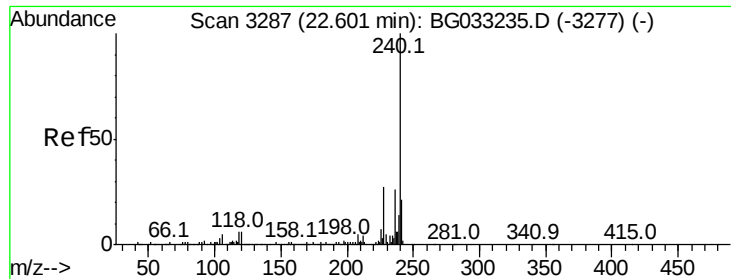
Tot Ion:188	Resp:	322495
Ion Ratio	Lower	Upper
188 100		
94 8.0	6.9	10.3
80 8.0	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 3.420 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.44 min
 Lab File: BG033567.D
 Acq: 4 Apr 2018 19:36

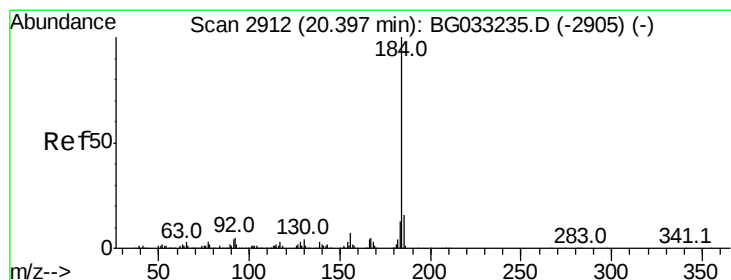
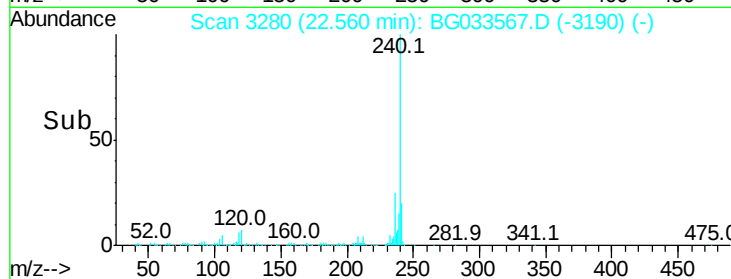
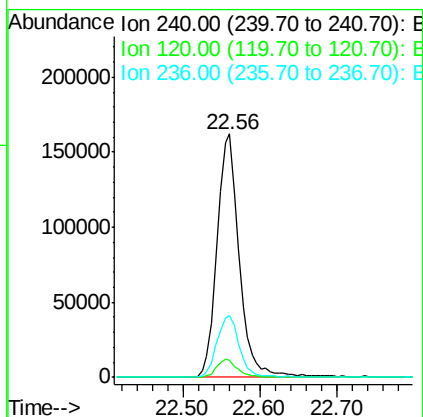
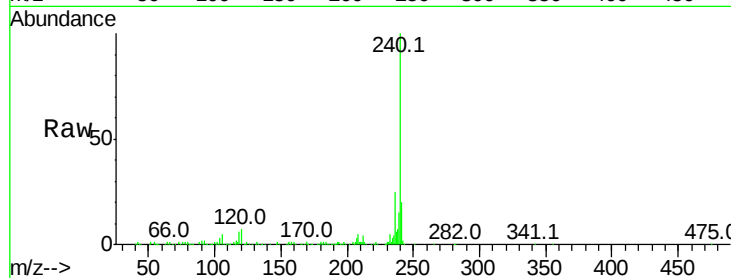
Tgt Ion:248	Resp:	12952
Ion Ratio	Lower	Upper
248 100		
250 187.7	77.1	115.7#
141 510.0	50.8	76.2#





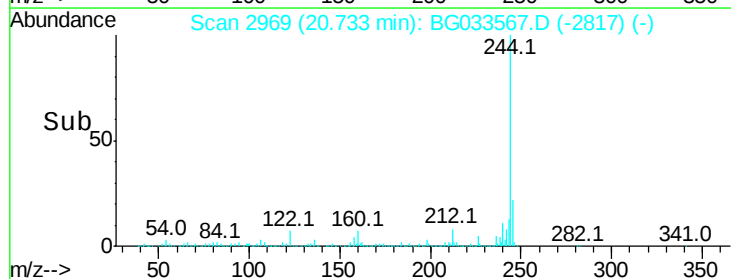
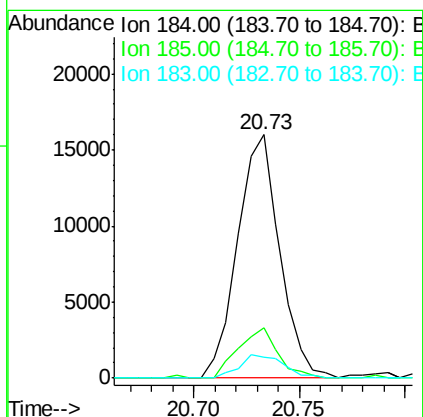
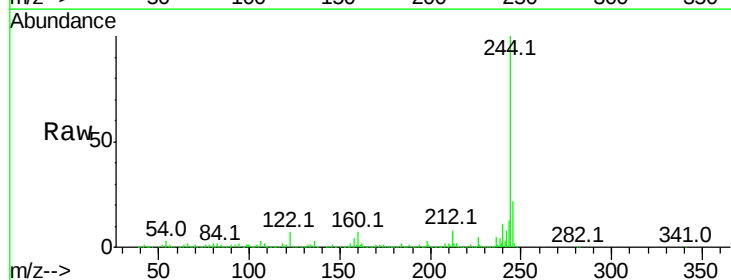
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033567.D
Acq: 4 Apr 2018 19:36

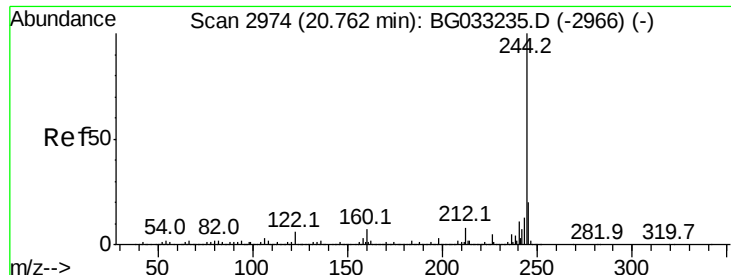
Tot Ion:240 Resp: 322696
Ion Ratio Lower Upper
240 100
120 7.2 6.8 10.2
236 25.5 20.9 31.3



#76
Benzidine
Concen: 2.529 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.36 min
Lab File: BG033567.D
Acq: 4 Apr 2018 19:36

Tgt Ion:184 Resp: 22130
Ion Ratio Lower Upper
184 100
185 20.6 11.1 16.7#
183 8.7 10.6 16.0#





#78

Terphenyl-d14

Concen: 92.902 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033567.D

Acq: 4 Apr 2018 19:36

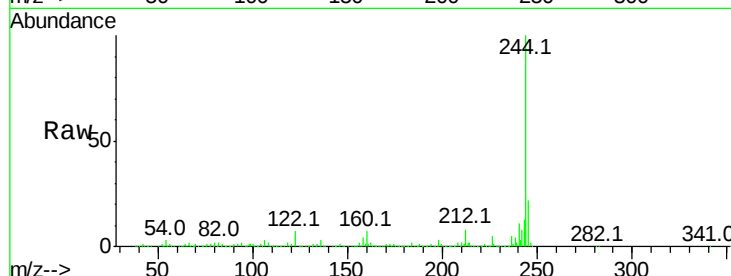
Tot Ion:244 Resp: 1401801

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

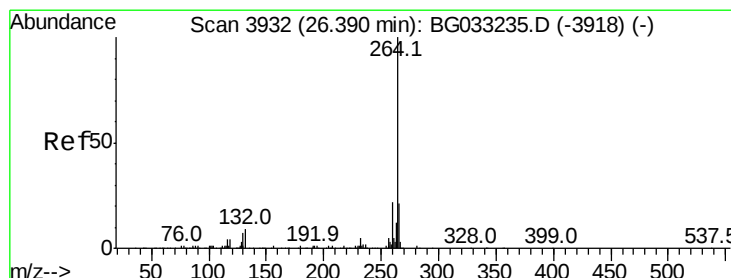
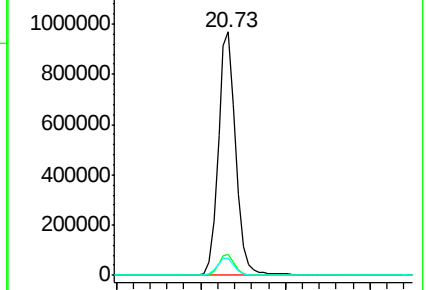
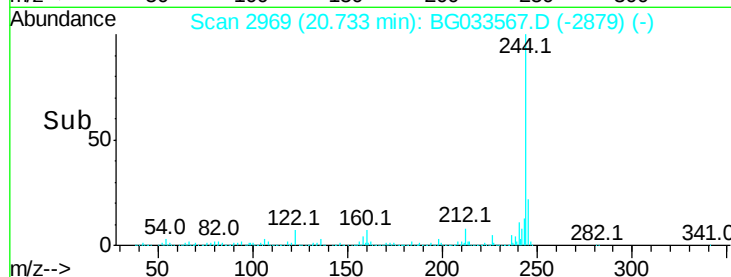
122 7.1 7.0 10.4



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: 26.33 min Scan# 3922

Delta R.T. 0.01 min

Lab File: BG033567.D

Acq: 4 Apr 2018 19:36

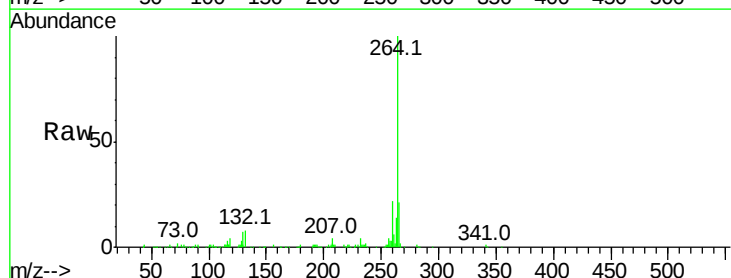
Tgt Ion:264 Resp: 335730

Ion Ratio Lower Upper

264 100

260 21.7 17.4 26.0

265 21.2 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

