

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033582.D
 Acq On : 5 Apr 2018 6:19
 Operator : SJ/JU
 Sample : J2192-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

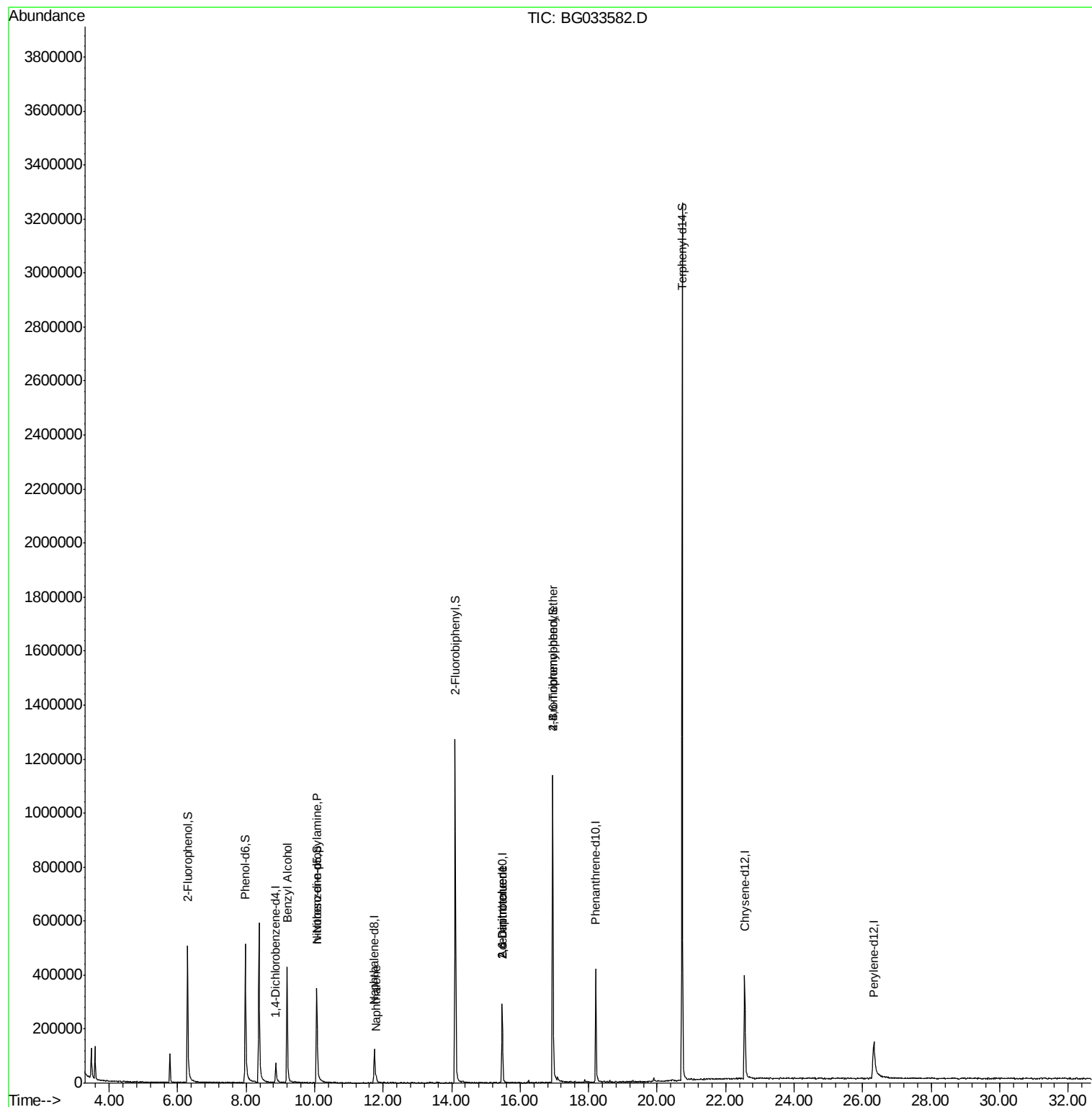
Quant Time: Apr 05 11:10:15 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

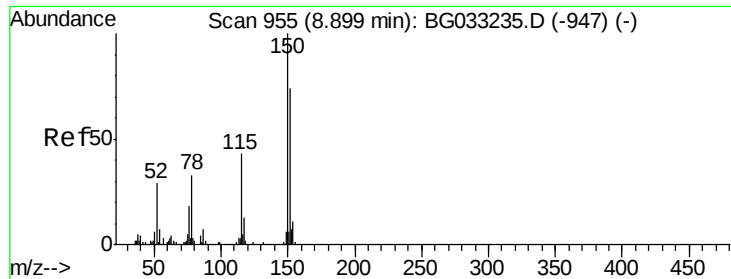
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29128	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	131490	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	110463	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	300358	20.00	ng	0.00
75) Chrysene-d12	22.56	240	310792	20.00	ng	0.00
86) Perylene-d12	26.32	264	267723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	255612	164.55	ng	0.00
7) Phenol-d6	7.97	99	357297	133.87	ng	0.00
23) Nitrobenzene-d5	10.06	82	294386	102.86	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	226593	137.15	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	752560	98.35	ng	0.00
78) Terphenyl-d14	20.73	244	1560655	107.39	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4808	2.288	ng	# 58
19) n-Nitroso-di-n-propylamine	10.06	70	37169	19.005	ng	# 82
31) Naphthalene	11.80	128	17086	2.508	ng	# 92
50) 2,6-Dinitrotoluene	15.48	165	14269	7.259	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	14269	4.930	ng	# 17
66) 4-Bromophenyl-phenylether	16.95	248	16548	4.691	ng	# 1

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

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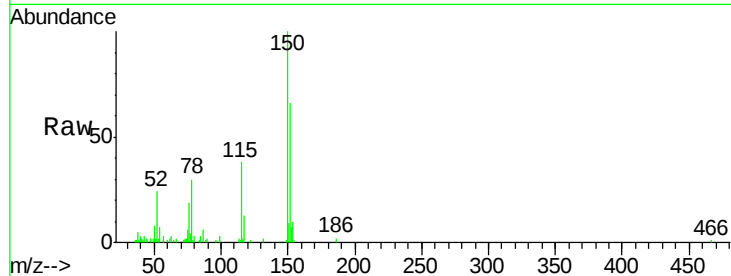




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033582.D
Acq: 5 Apr 2018 6:19

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.6	189.8
115	56.9	53.0	79.4

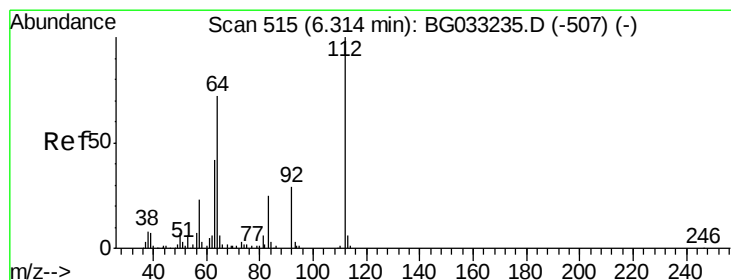
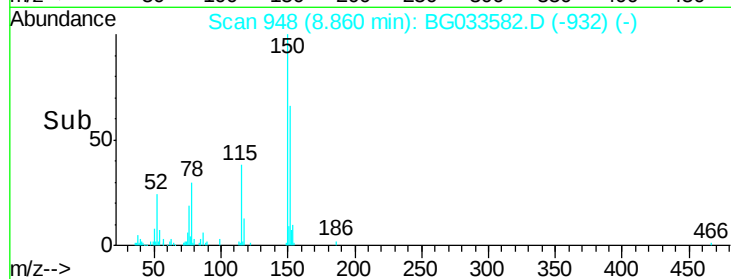
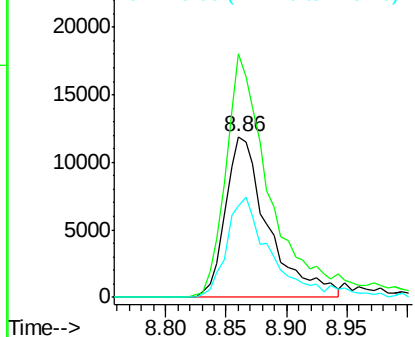


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

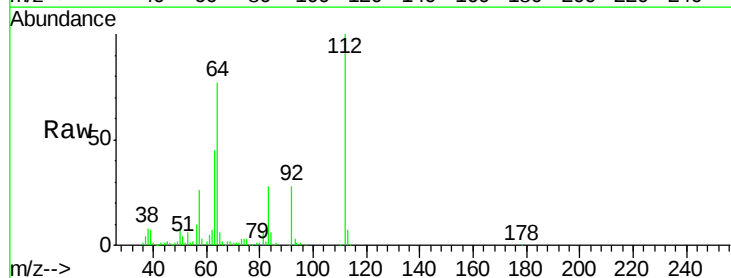
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 164.551 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033582.D
Acq: 5 Apr 2018 6:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.8	56.3	84.5
63	44.5	30.1	45.1

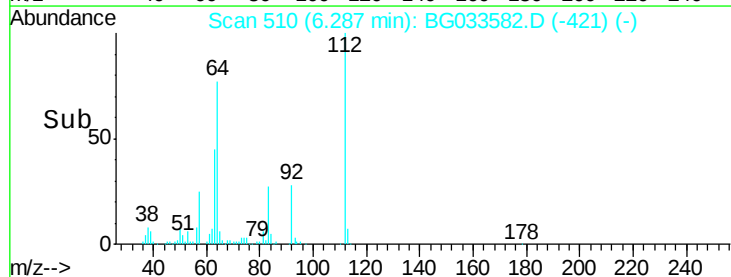
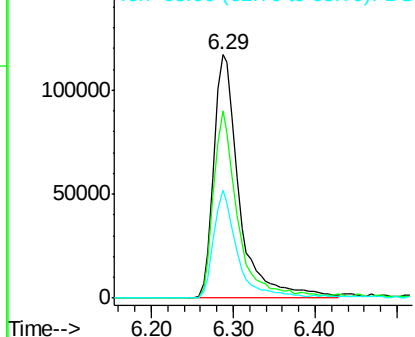


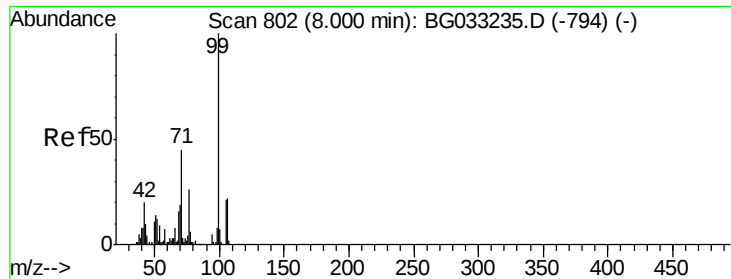
Abundance

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: 133.867 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033582.D

Acq: 5 Apr 2018 6:19

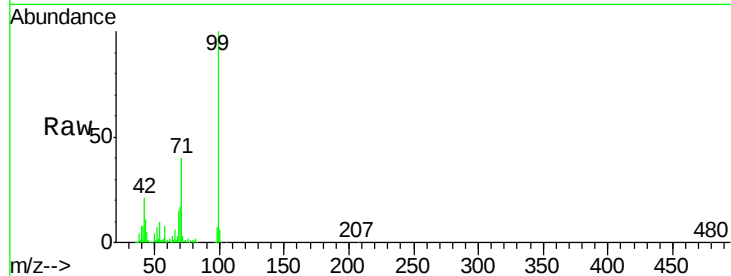
Tot Ion: 99 Resp: 357297

Ion Ratio Lower Upper

99 100

42 20.6 14.1 21.1

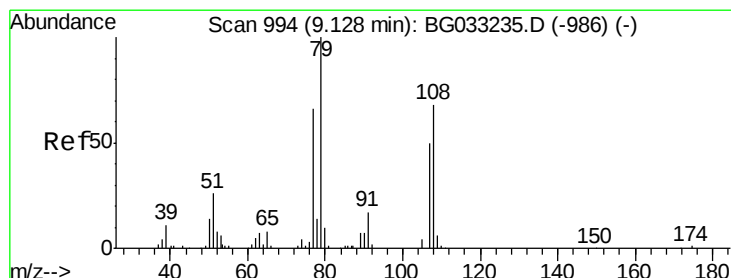
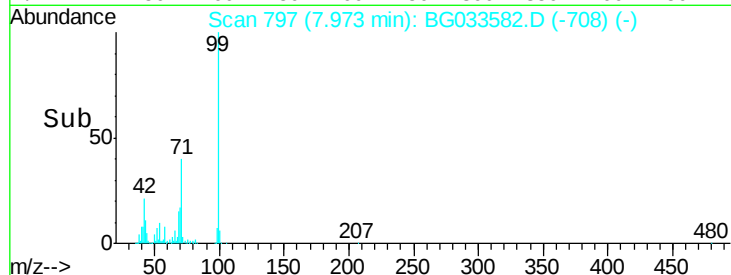
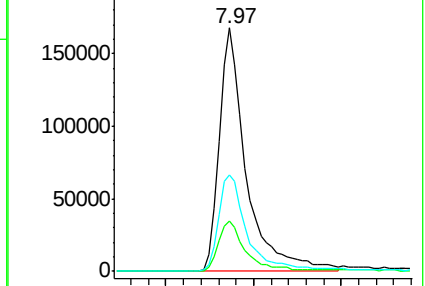
71 39.8 26.1 39.1#



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: 2.288 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033582.D

Acq: 5 Apr 2018 6:19

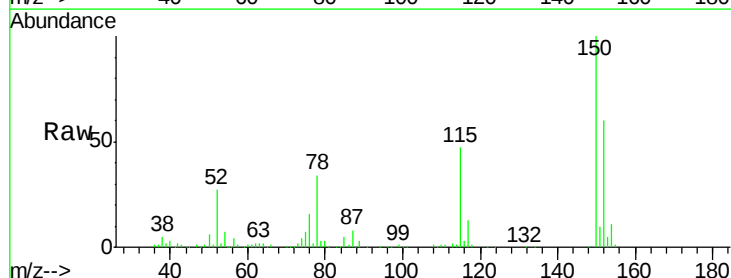
Tgt Ion: 79 Resp: 4808

Ion Ratio Lower Upper

79 100

108 32.7 57.2 85.8#

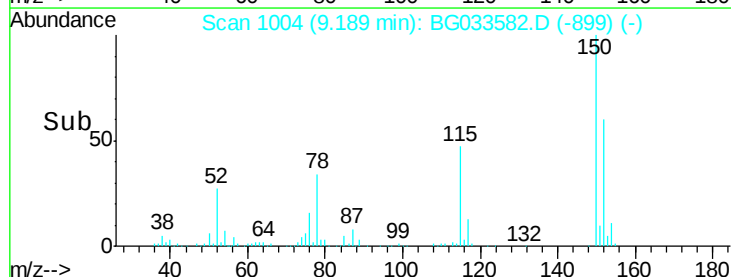
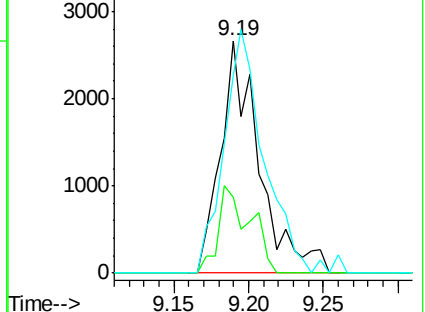
77 84.8 46.1 69.1#

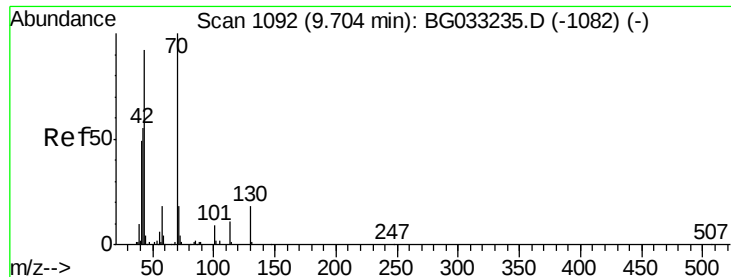


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

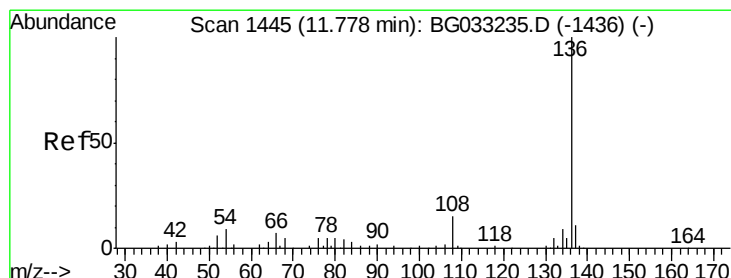
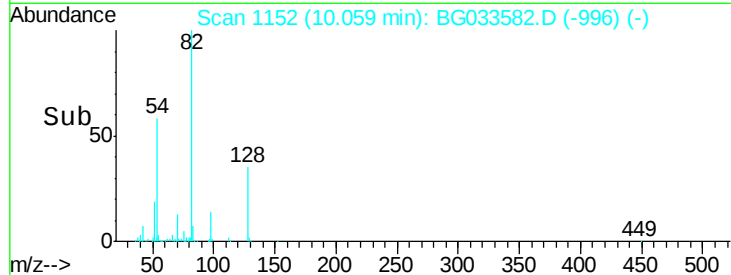
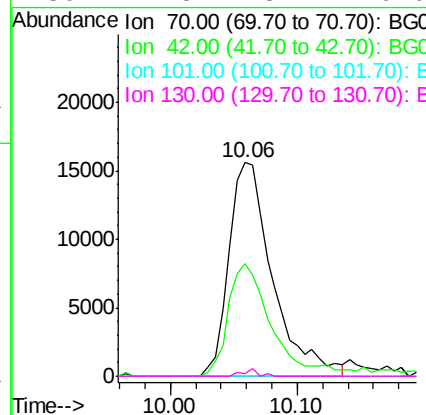
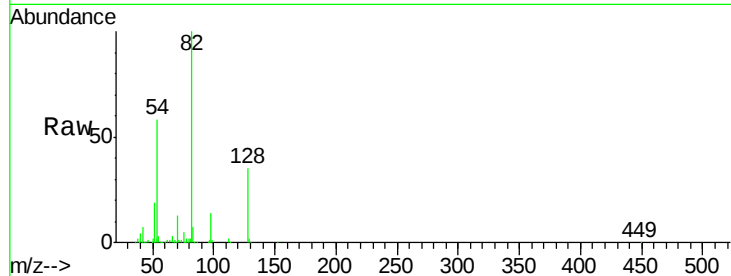
Ion 77.00 (76.70 to 77.70): BGC





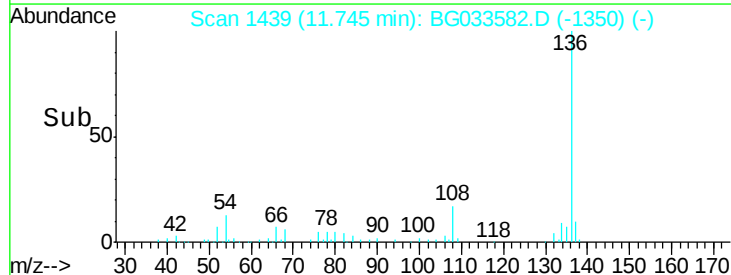
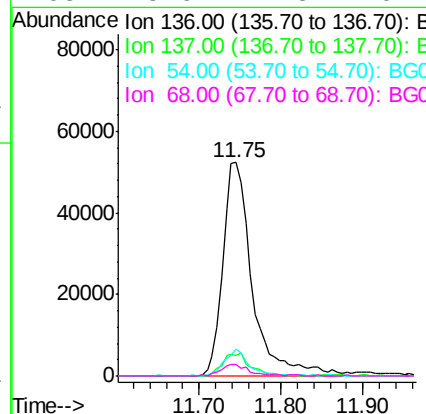
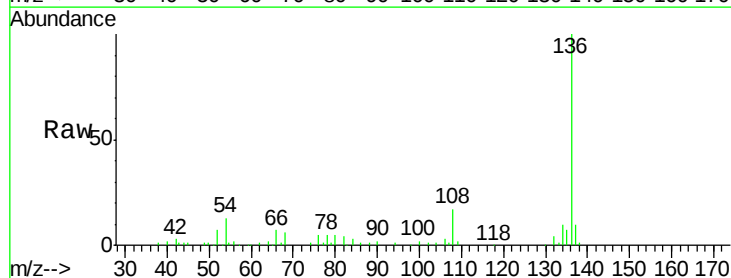
#19
n-Nitroso-di-n-propylamine
Concen: 19.005 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033582.D
Acq: 5 Apr 2018 6:19

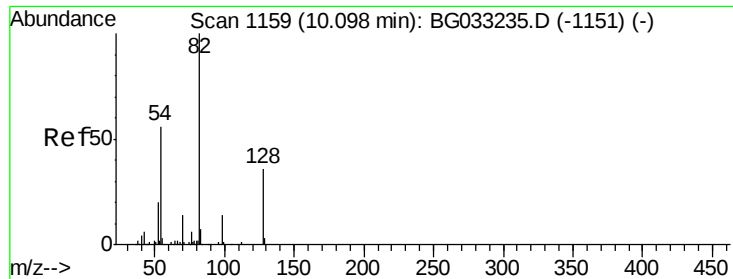
Tot Ion:	70	Resp:	37169
Ion	Ratio	Lower	Upper
70	100		
42	52.7	49.1	73.7
101	0.0	8.5	12.7#
130	1.3	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033582.D
Acq: 5 Apr 2018 6:19

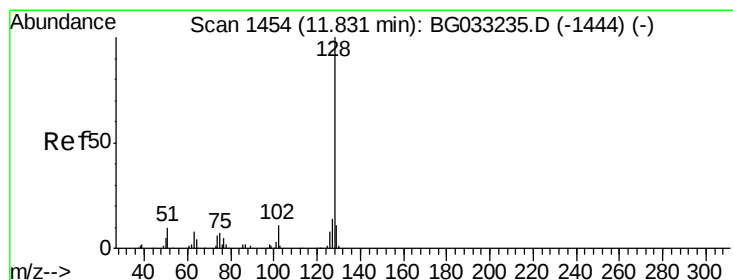
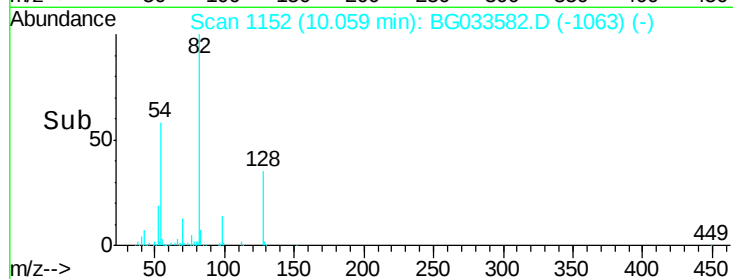
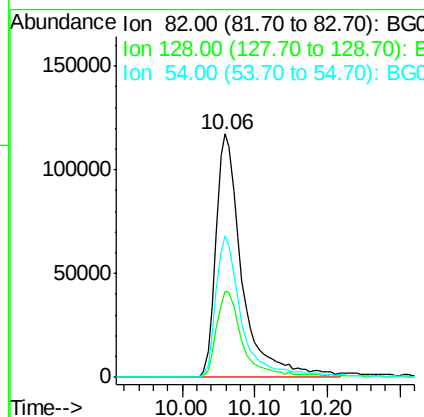
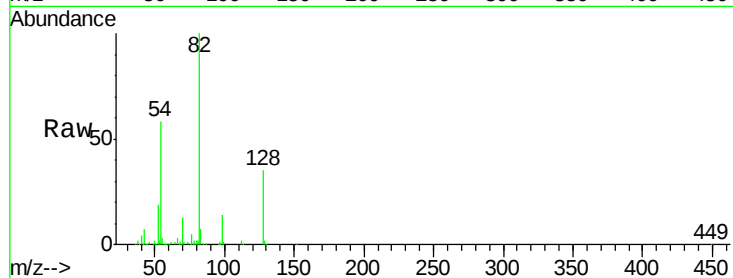
Tgt Ion:	136	Resp:	131490
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.2	13.8
54	13.3	10.3	15.5
68	5.6	4.5	6.7





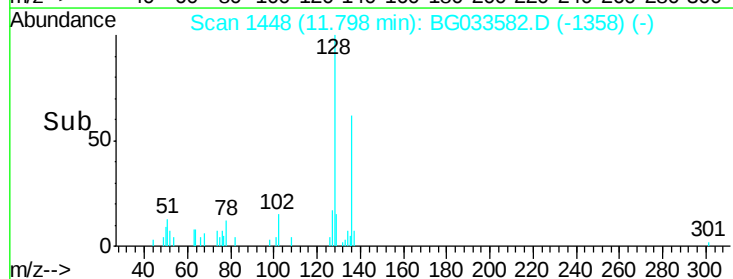
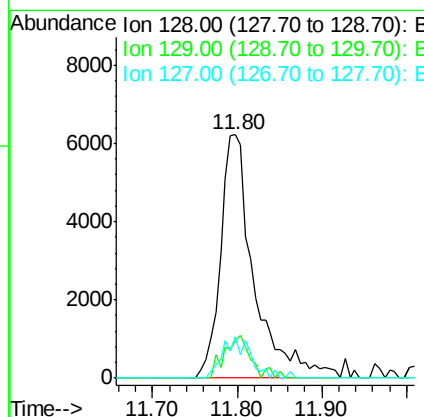
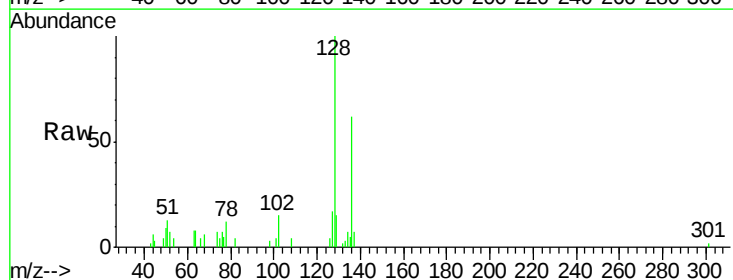
#23
Nitrobenzene-d5
Concen: 102.862 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG033582.D
Acq: 5 Apr 2018 6:19

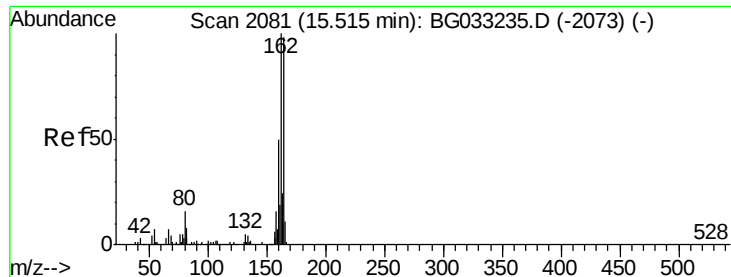
Tot Ion	82	Resp	294386
Ion Ratio	Lower	Upper	
82	100		
128	35.4	29.7	44.5
54	58.0	43.1	64.7



#31
Naphthalene
Concen: 2.508 ng
RT: 11.80 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BG033582.D
Acq: 5 Apr 2018 6:19

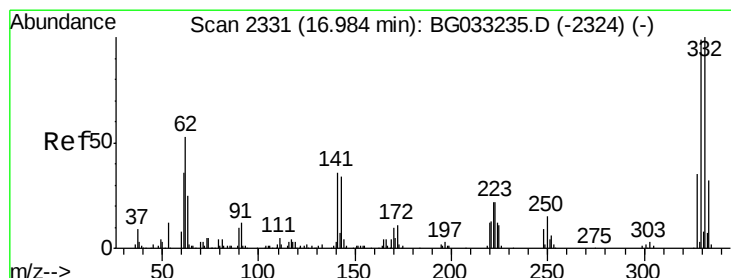
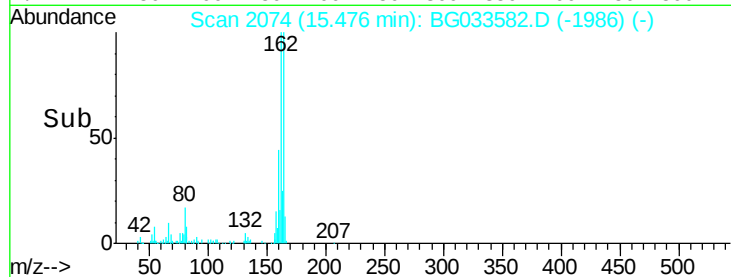
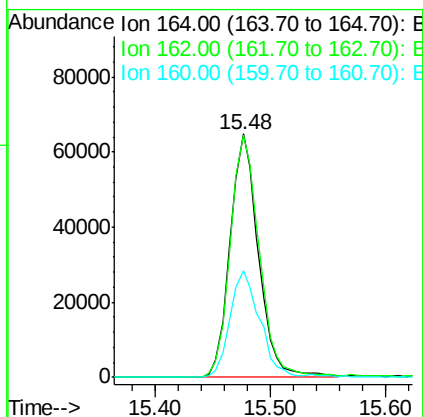
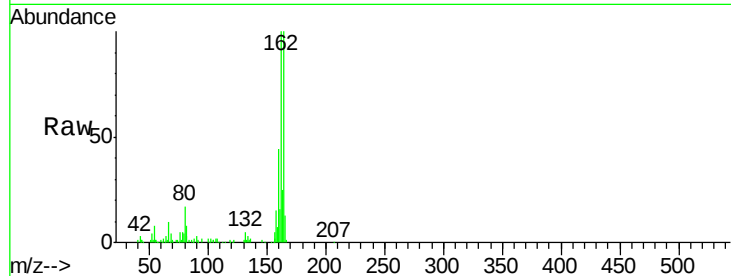
Tgt Ion	128	Resp	17086
Ion Ratio	Lower	Upper	
128	100		
129	15.2	8.6	12.8#
127	16.8	11.6	17.4





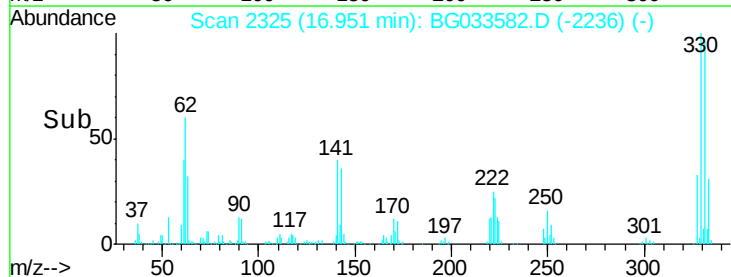
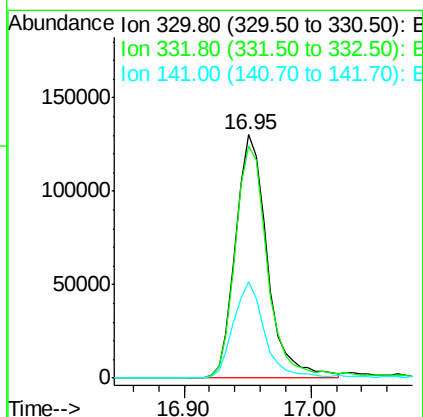
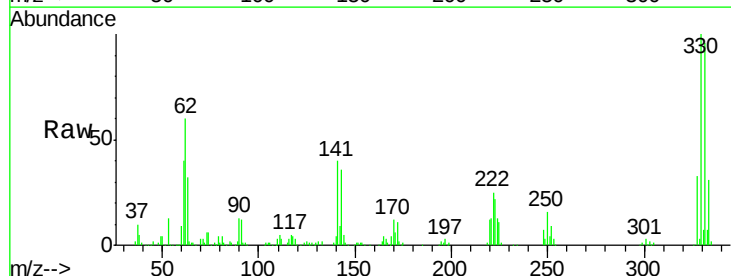
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033582.D
 Acq: 5 Apr 2018 6:19

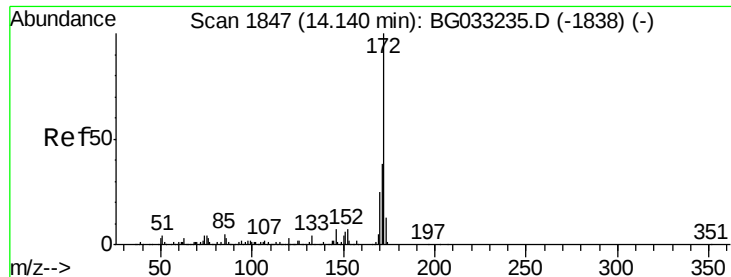
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.8	118.2
160	43.7	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 137.154 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033582.D
 Acq: 5 Apr 2018 6:19

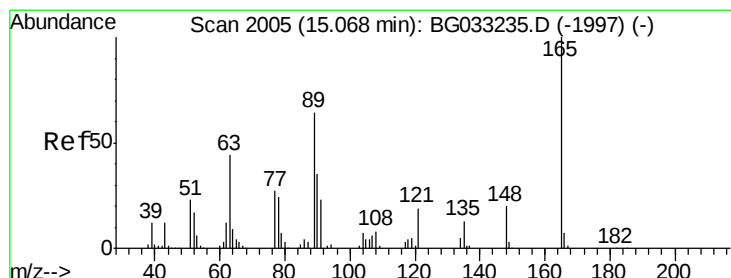
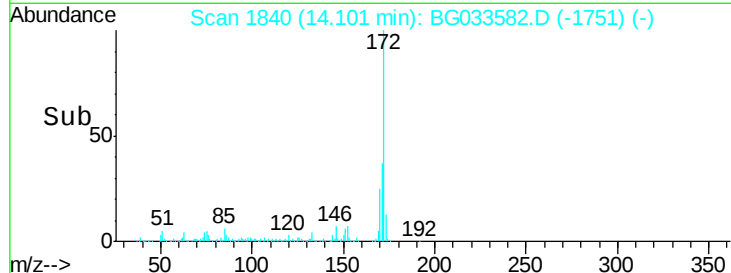
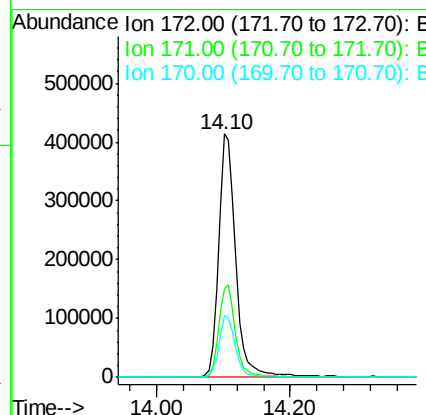
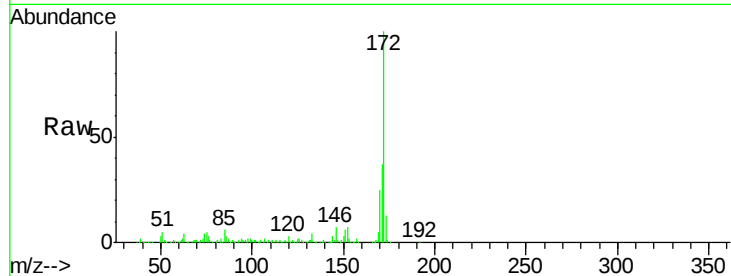
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	39.6	25.2	37.8





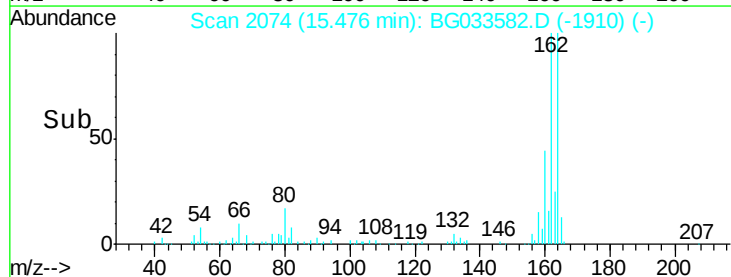
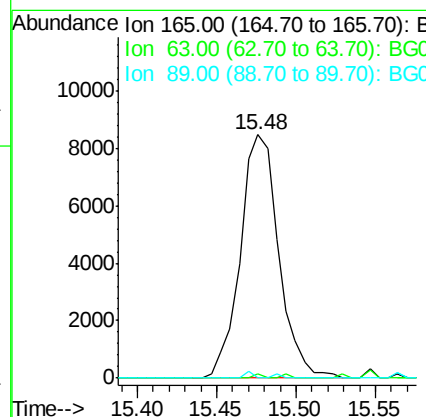
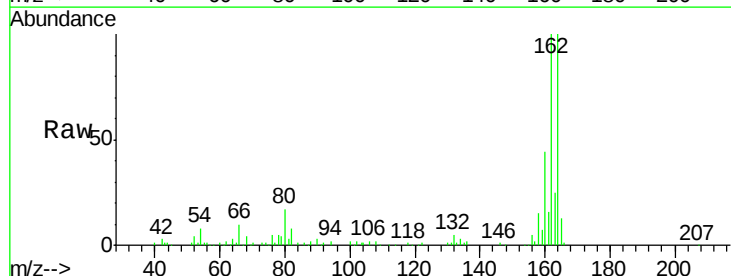
#44
2-Fluorobiphenyl
Concen: 98.352 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033582.D
Acq: 5 Apr 2018 6:19

Tot Ion:172 Resp: 752560
Ion Ratio Lower Upper
172 100
171 36.7 30.0 45.0
170 25.2 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.259 ng
RT: 15.48 min Scan# 2074
Delta R.T. 0.44 min
Lab File: BG033582.D
Acq: 5 Apr 2018 6:19

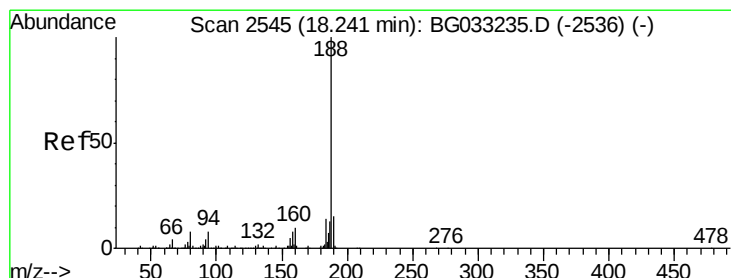
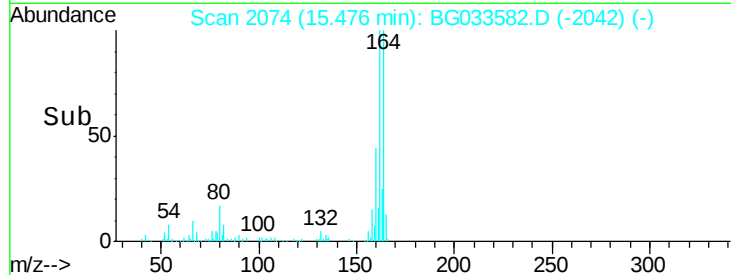
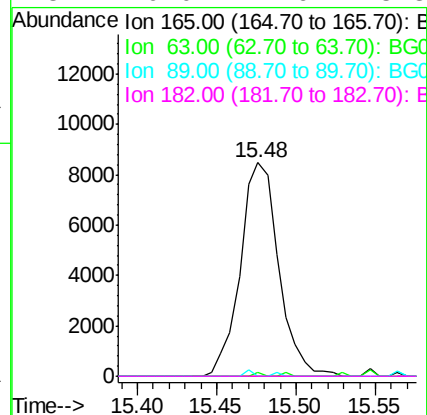
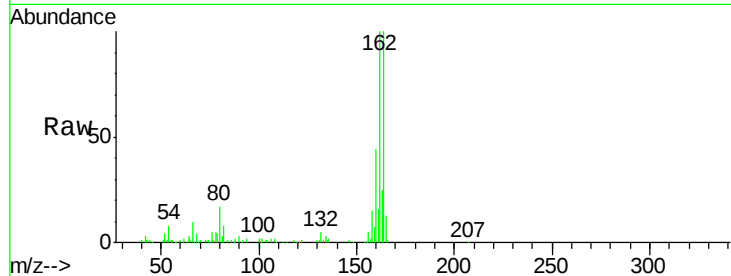
Tgt Ion:165 Resp: 14269
Ion Ratio Lower Upper
165 100
63 1.9 52.7 79.1#
89 0.0 49.2 73.8#





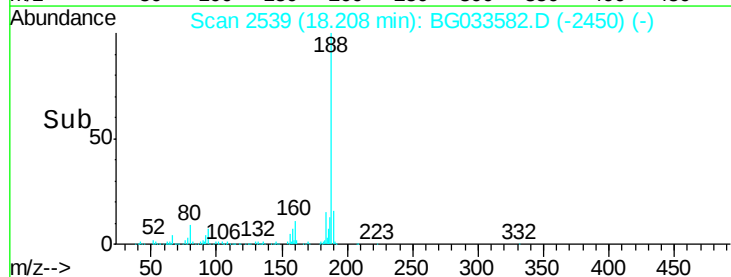
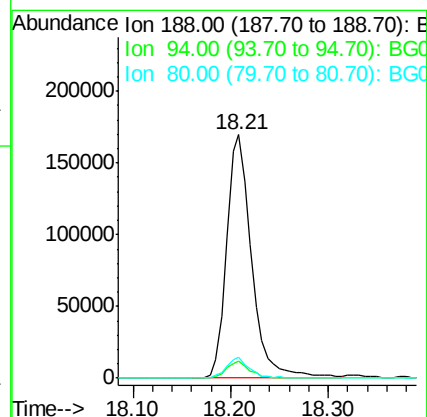
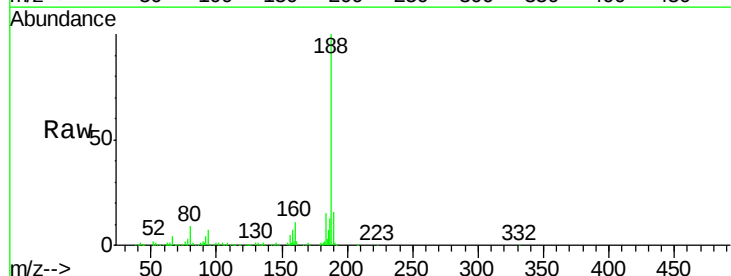
#56
 2,4-Dinitrotoluene
 Concen: 4.930 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033582.D
 Acq: 5 Apr 2018 6:19

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	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: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033582.D
 Acq: 5 Apr 2018 6:19

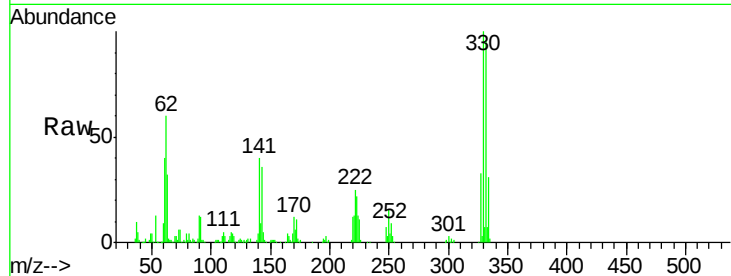
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	8.7	7.7	11.5



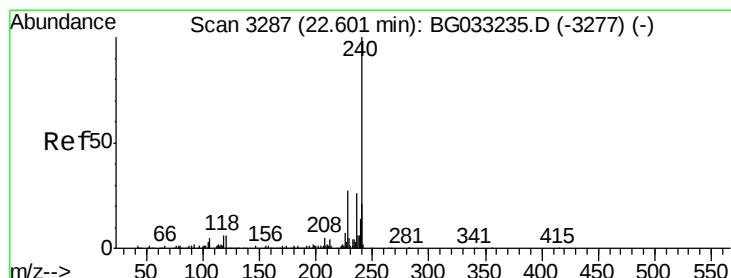
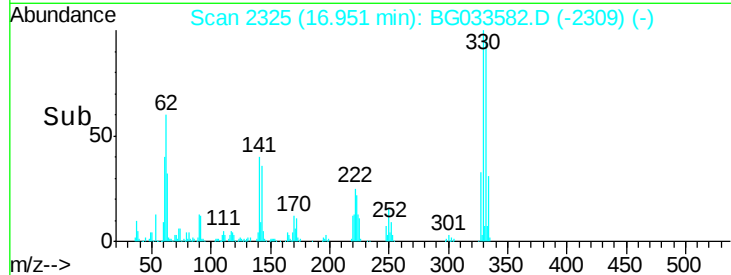
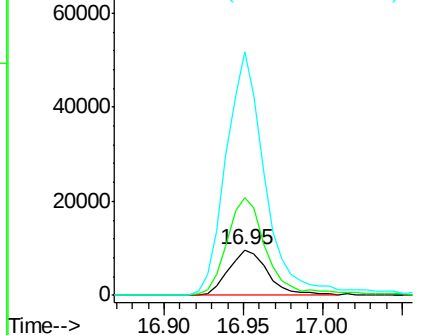


#66
 4-Bromophenyl-phenylether
 Concen: 4.691 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.43 min
 Lab File: BG033582.D
 Acq: 5 Apr 2018 6:19

Tot Ion:248 Resp: 16548
 Ion Ratio Lower Upper
 248 100
 250 213.1 77.1 115.7#
 141 531.9 50.8 76.2#

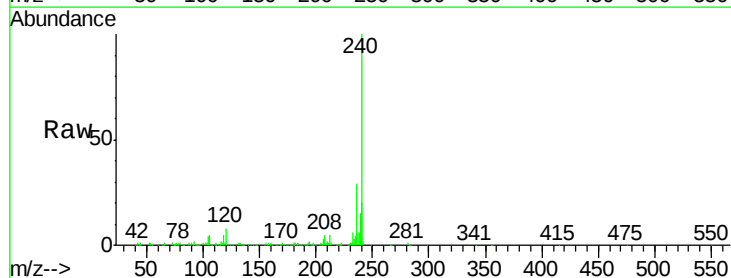


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

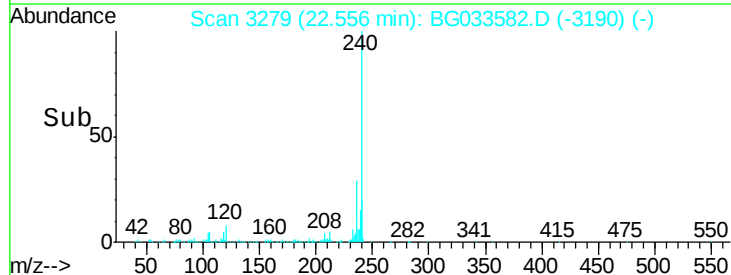
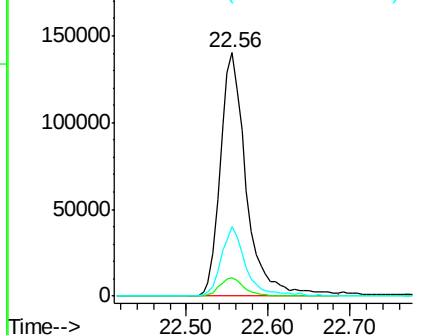


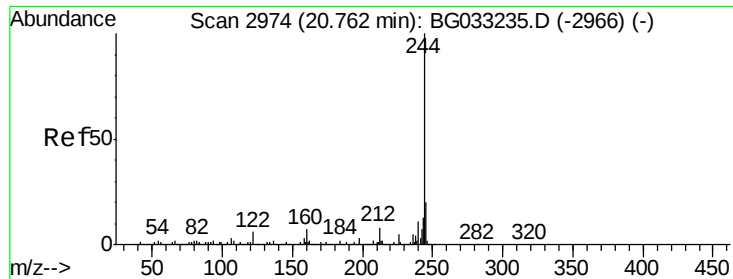
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3279
 Delta R.T. -0.01 min
 Lab File: BG033582.D
 Acq: 5 Apr 2018 6:19

Tgt Ion:240 Resp: 310792
 Ion Ratio Lower Upper
 240 100
 120 7.6 6.8 10.2
 236 28.8 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





#78

Terphenyl-d14

Concen: 107.391 ng

RT: 20.73 min Scan# 2968

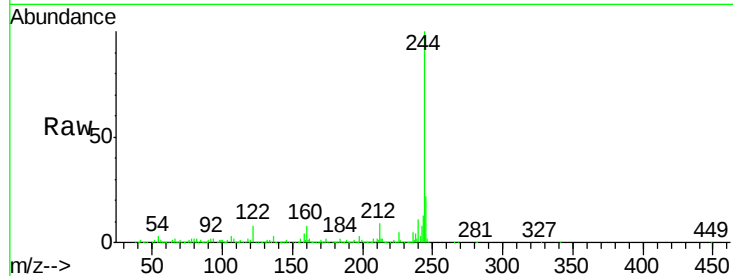
Delta R.T. -0.01 min

Lab File: BG033582.D

Acq: 5 Apr 2018 6:19

Tot Ion:244 Resp: 1560655

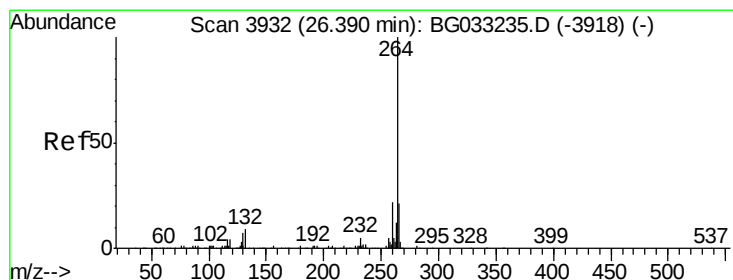
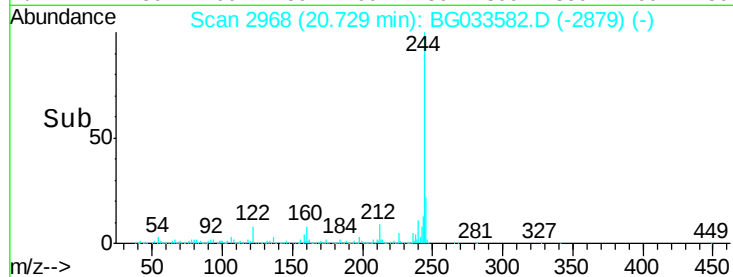
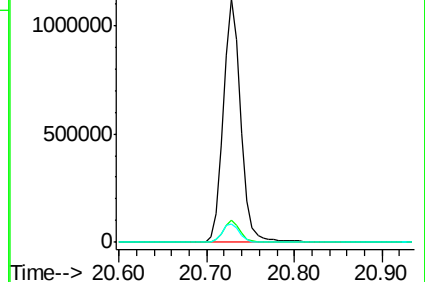
Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	7.8	7.0	10.4



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

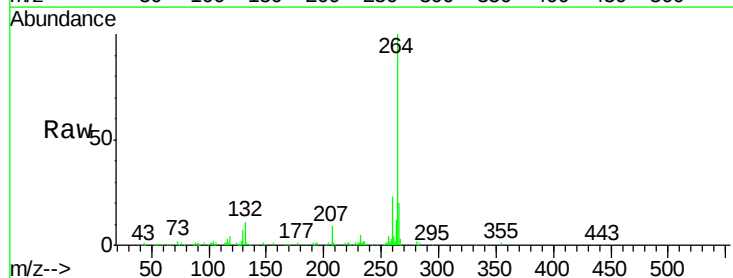
Delta R.T. 0.00 min

Lab File: BG033582.D

Acq: 5 Apr 2018 6:19

Tgt Ion:264 Resp: 267723

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.5	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

