

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
 Data File : BG034780.D
 Acq On : 29 May 2018 17:01
 Operator : SJ/JU
 Sample : PB109739TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

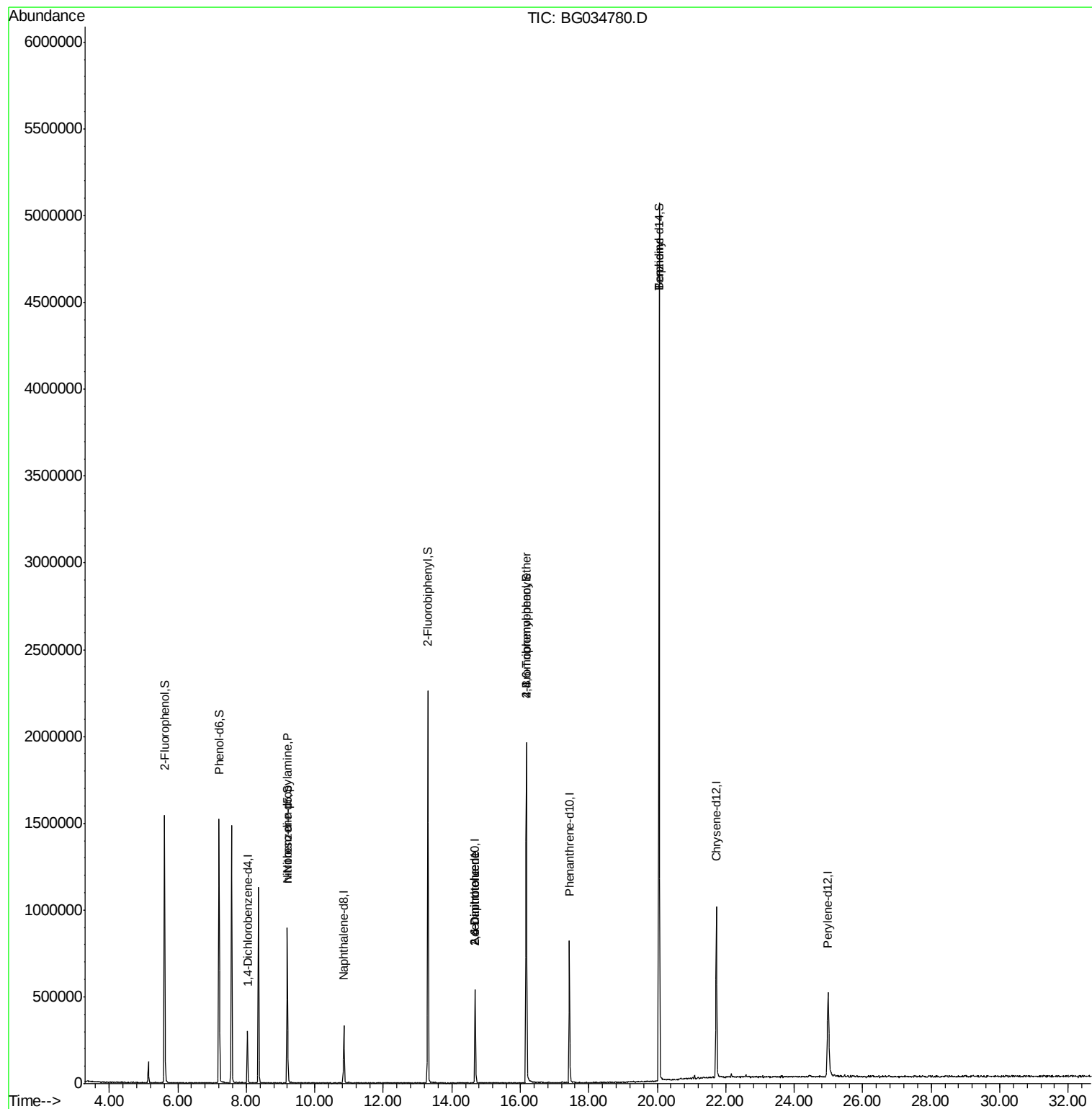
Quant Time: May 30 04:16:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 25 14:58:34 2018
 Response via : Initial Calibration

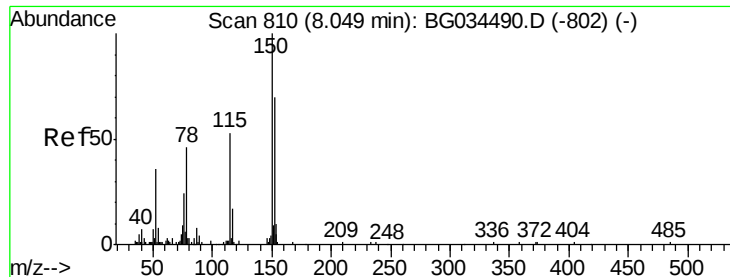
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	82842	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	304037	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	201889	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	542534	20.00	ng	0.00
75) Chrysene-d12	21.72	240	675132	20.00	ng	-0.01
86) Perylene-d12	24.99	264	680718	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	711878	132.35	ng	0.00
7) Phenol-d6	7.21	99	982836	112.96	ng	0.00
23) Nitrobenzene-d5	9.20	82	596088	74.89	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	454479	130.71	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1295236	87.10	ng	0.00
78) Terphenyl-d14	20.06	244	2655210	86.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	76788	10.78	ng	# 70
50) 2,6-Dinitrotoluene	14.68	165	27477	7.69	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	27477	5.18	ng	# 19
66) 4-Bromophenyl-phenylether	16.18	248	31928	4.47	ng	# 1
76) Benzidine	20.06	184	36380	5.24	ng	# 95

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
Data File : BG034780.D
Acq On : 29 May 2018 17:01
Operator : SJ/JU
Sample : PB109739TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 30 04:16:46 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 25 14:58:34 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 808

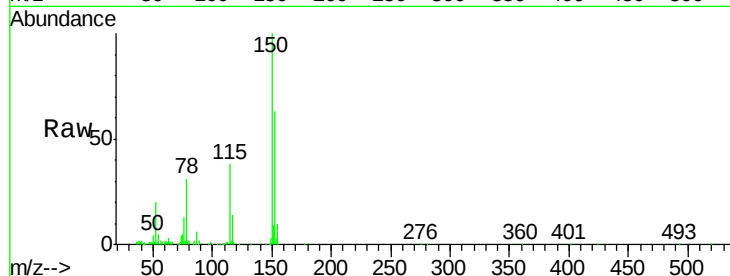
Delta R.T. -0.00 min

Lab File: BG034780.D

Acq: 29 May 2018 17:01

Tot Ion:152 Resp: 82842

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.6	189.8
115	60.1	53.0	79.4

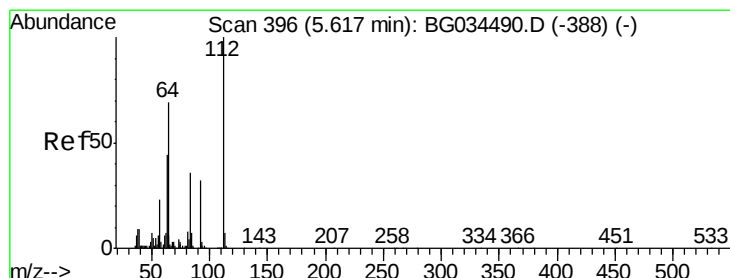
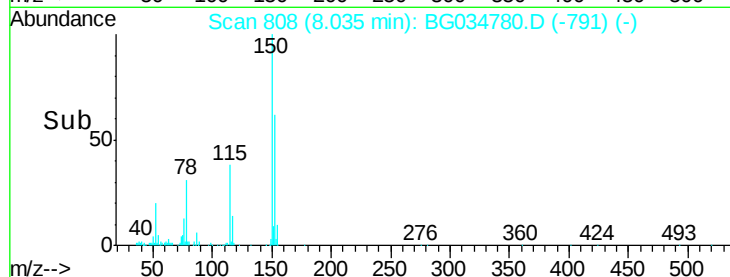
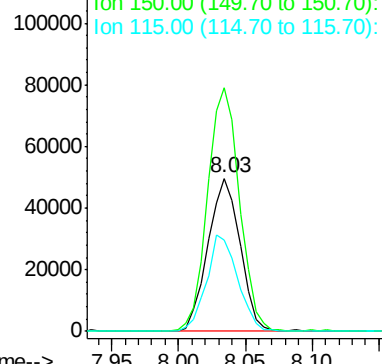


Abundance

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: 132.35 ng

RT: 5.61 min Scan# 396

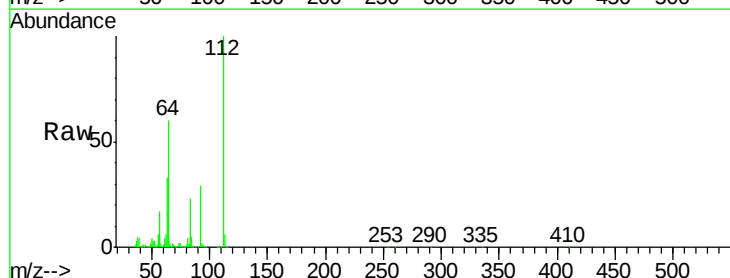
Delta R.T. -0.00 min

Lab File: BG034780.D

Acq: 29 May 2018 17:01

Tgt Ion:112 Resp: 711878

Ion	Ratio	Lower	Upper
112	100		
64	60.1	56.3	84.5
63	33.1	30.1	45.1

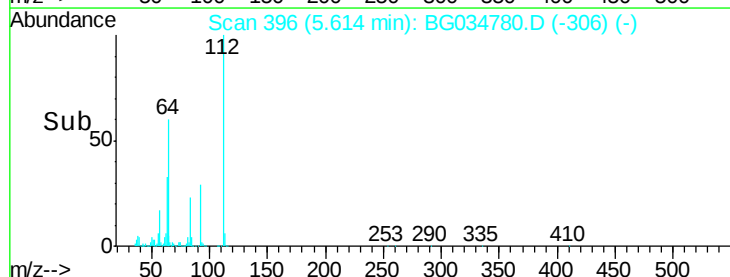
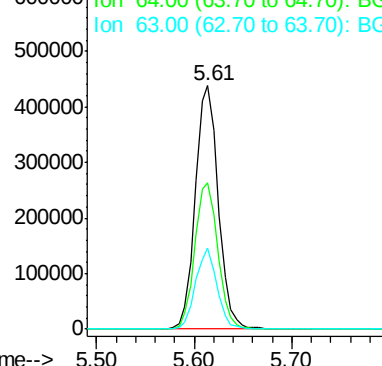


Abundance

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: 112.96 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG034780.D

Acq: 29 May 2018 17:01

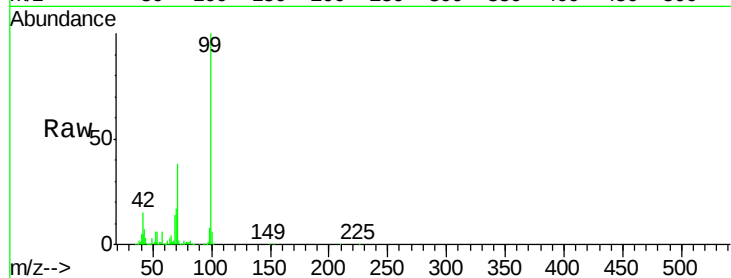
Tot Ion: 99 Resp: 982836

Ion Ratio Lower Upper

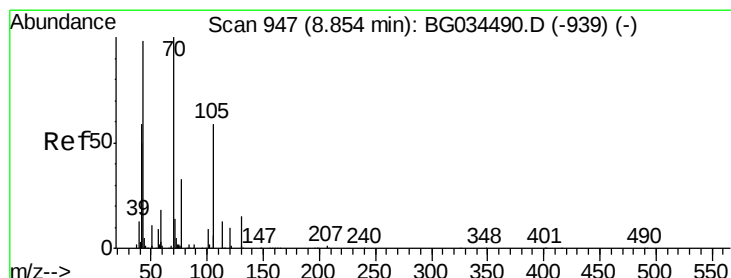
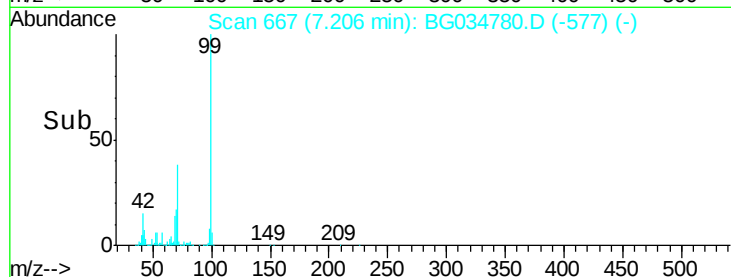
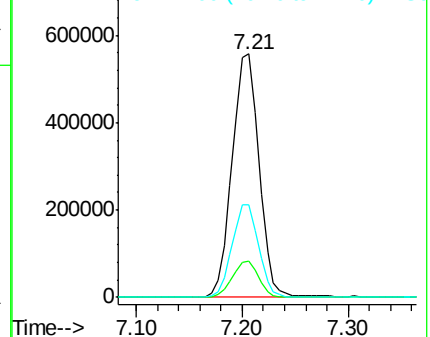
99 100

42 14.9 14.1 21.1

71 38.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.78 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG034780.D

Acq: 29 May 2018 17:01

Tgt Ion: 70 Resp: 76788

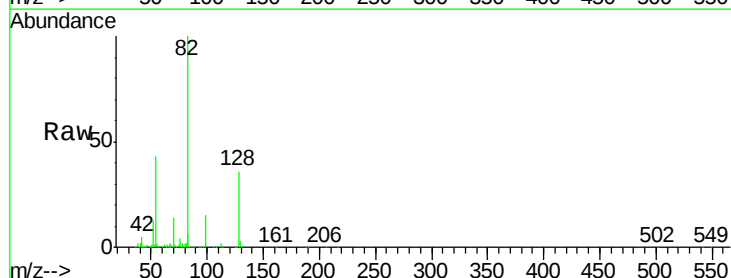
Ion Ratio Lower Upper

70 100

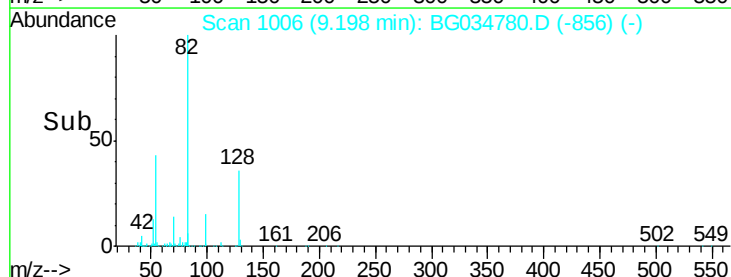
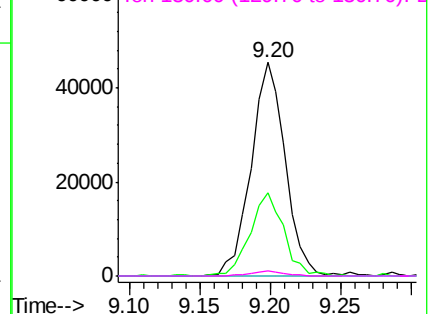
42 38.8 49.1 73.7#

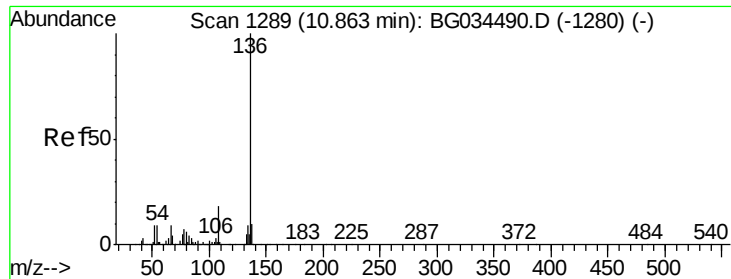
101 0.0 8.5 12.7#

130 2.6 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

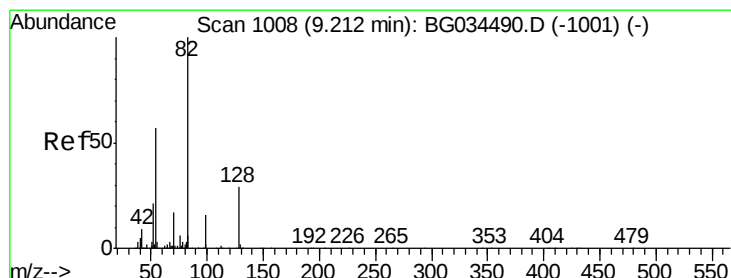
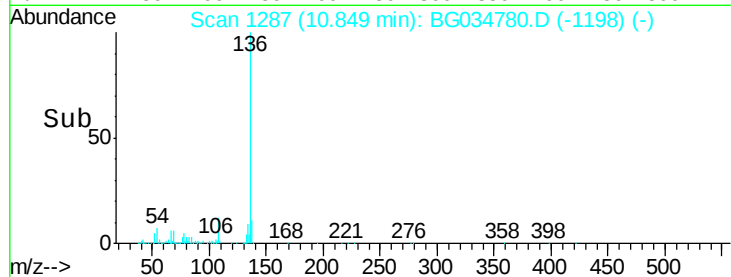
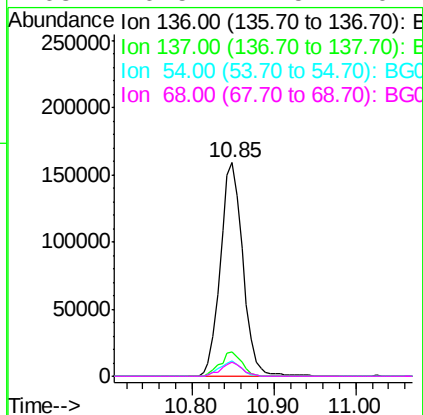
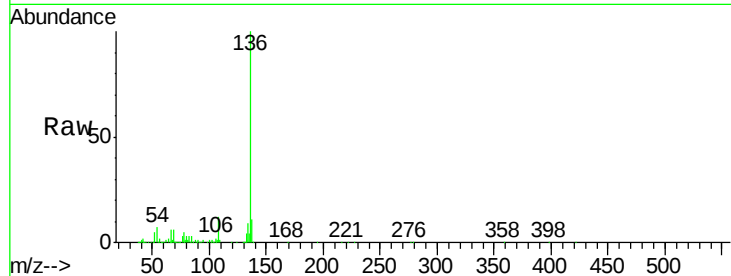
RT: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG034780.D

Acq: 29 May 2018 17:01

Tot Ion:136	Resp:	304037
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	7.2	10.3 15.5#
68	6.5	4.5 6.7



#23

Nitrobenzene-d5

Concen: 74.89 ng

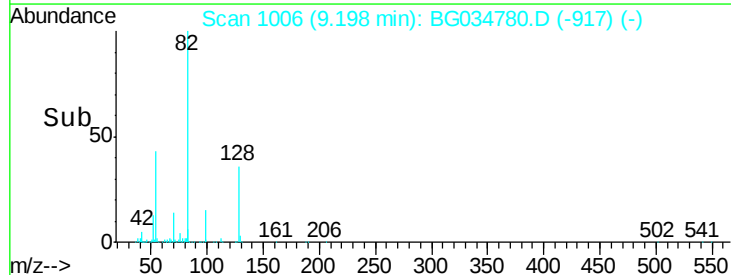
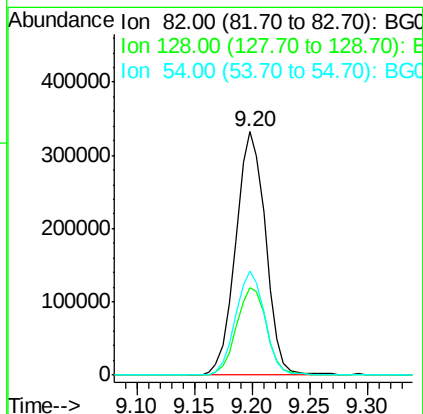
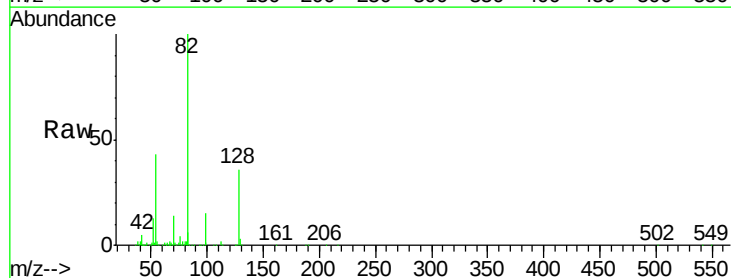
RT: 9.20 min Scan# 1006

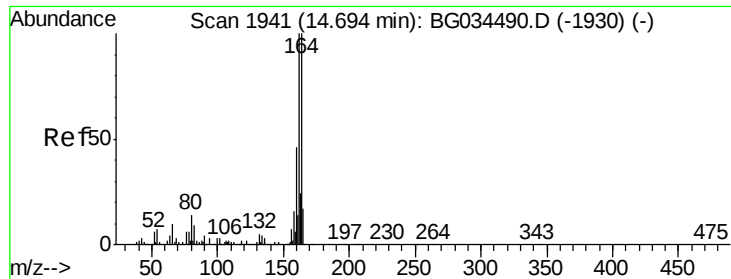
Delta R.T. -0.01 min

Lab File: BG034780.D

Acq: 29 May 2018 17:01

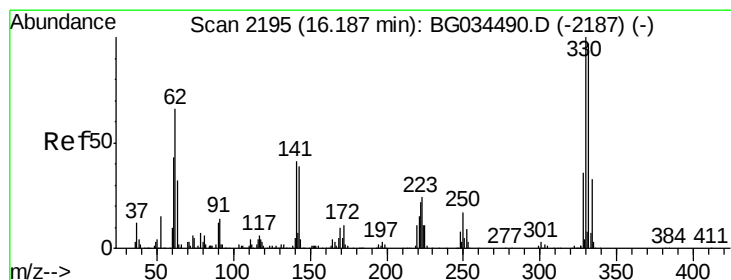
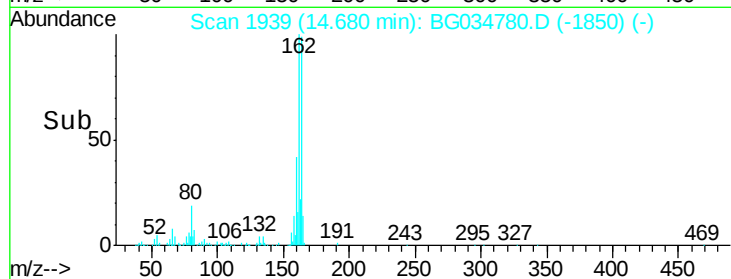
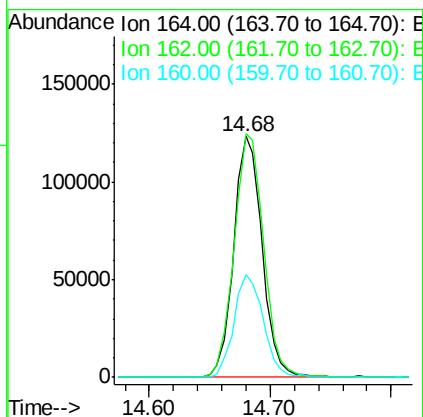
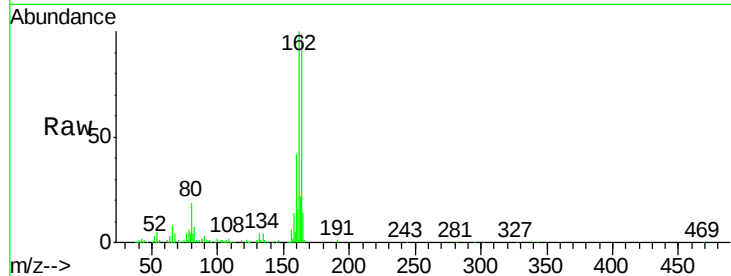
Tgt Ion: 82	Resp:	596088
Ion Ratio	Lower	Upper
82	100	
128	35.7	29.7 44.5
54	42.9	43.1 64.7#





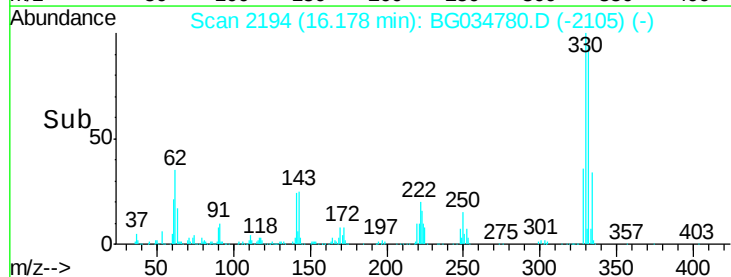
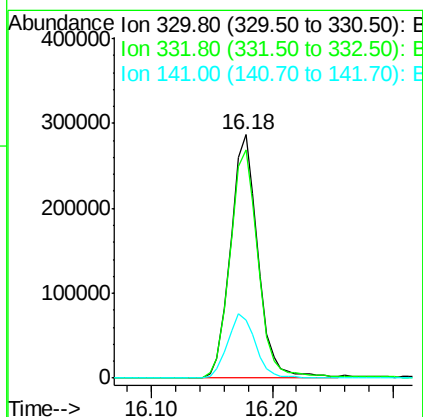
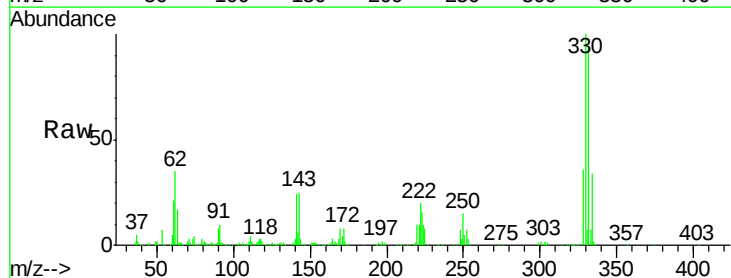
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

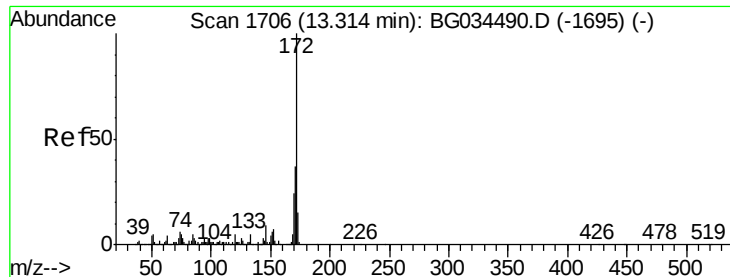
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.8	118.2
160	42.9	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 130.71 ng
RT: 16.18 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

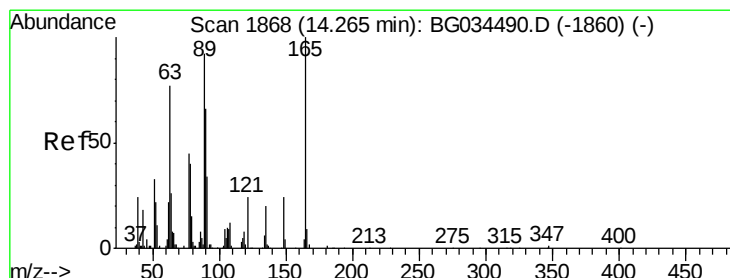
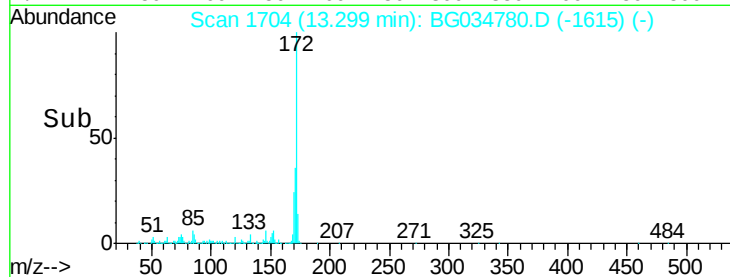
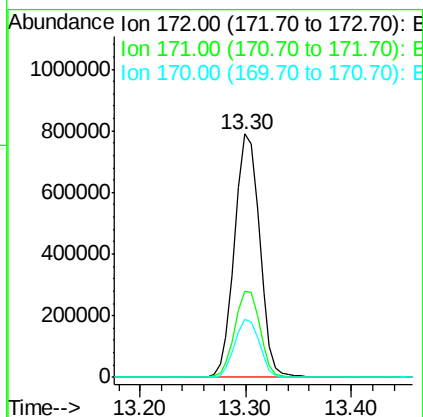
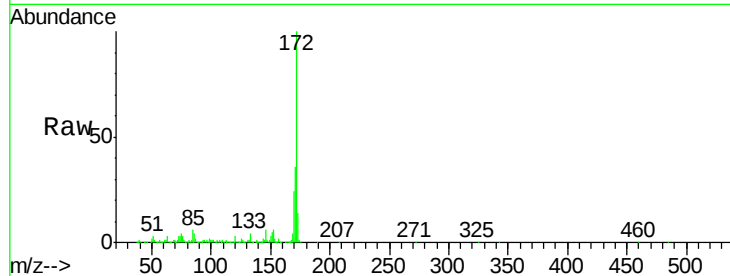
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	26.8	25.2	37.8





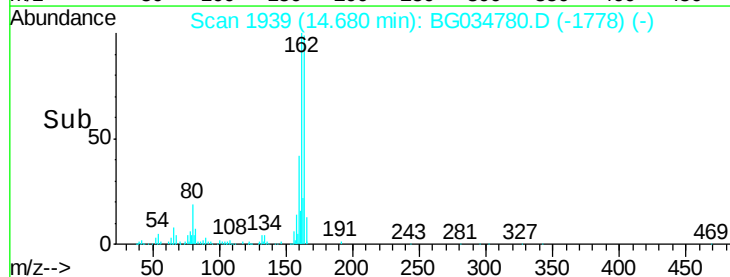
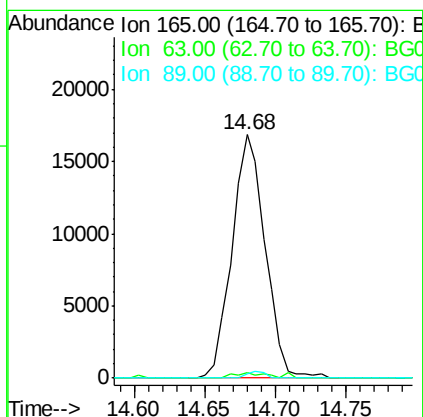
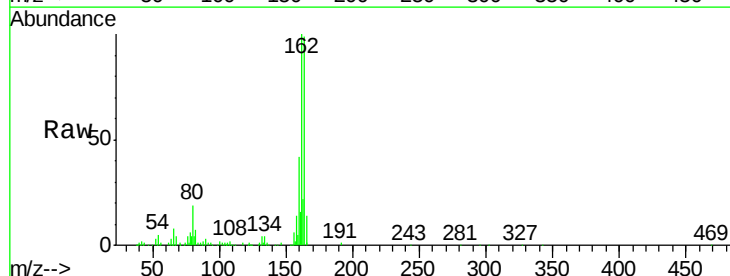
#44
 2-Fluorobiphenyl
 Concen: 87.10 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG034780.D
 Acq: 29 May 2018 17:01

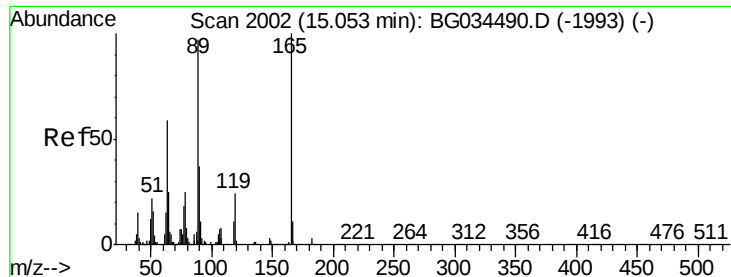
Tot Ion:172 Resp: 1295236
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.0 45.0
 170 23.8 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.69 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.42 min
 Lab File: BG034780.D
 Acq: 29 May 2018 17:01

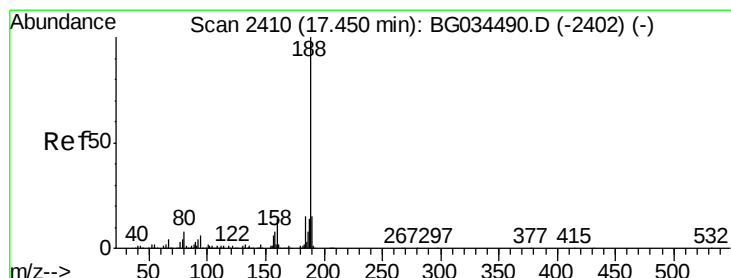
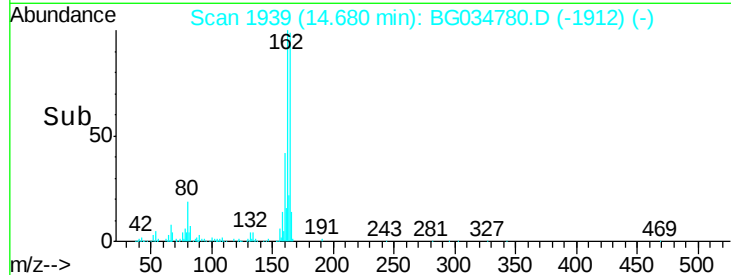
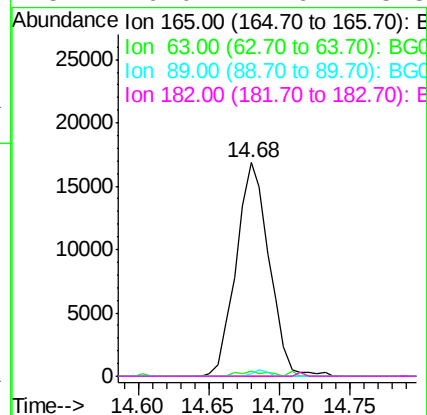
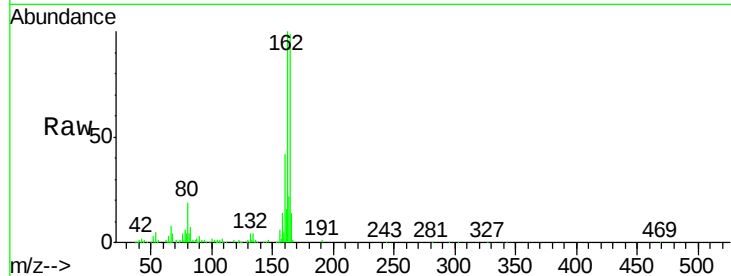
Tgt Ion:165 Resp: 27477
 Ion Ratio Lower Upper
 165 100
 63 2.5 52.7 79.1#
 89 1.5 49.2 73.8#





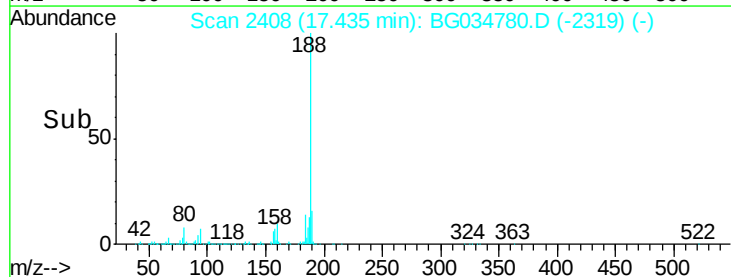
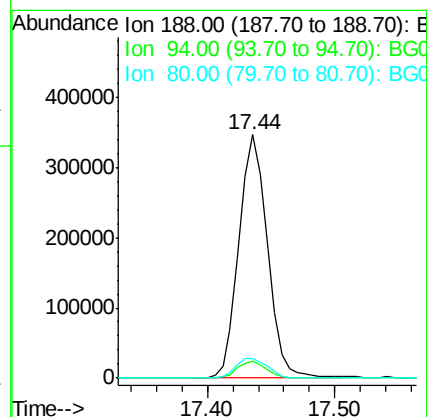
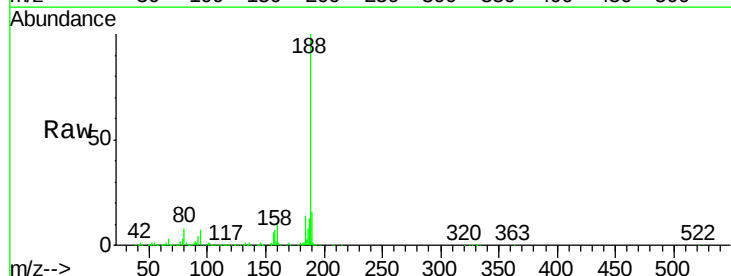
#56
2,4-Dinitrotoluene
Concen: 5.18 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

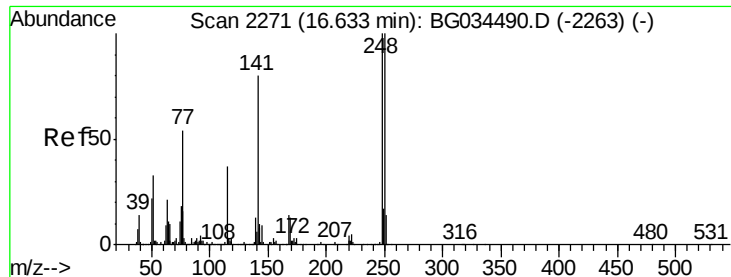
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

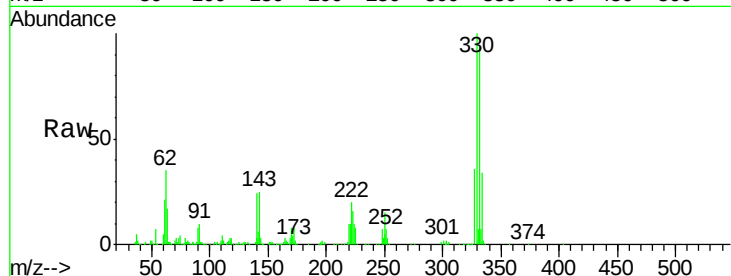
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.9	7.7	11.5



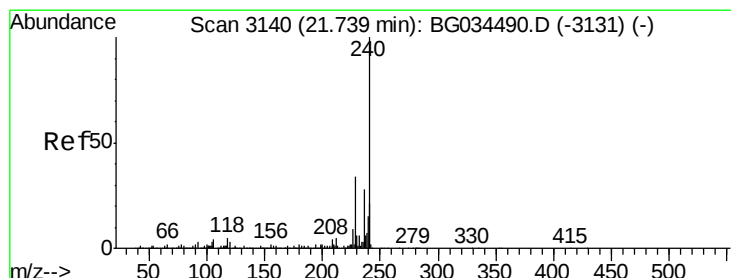
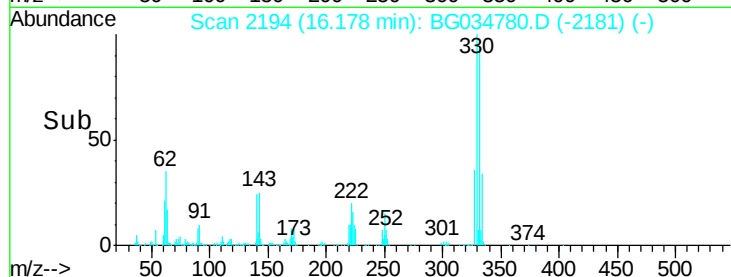
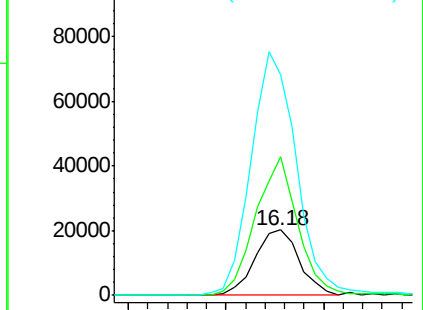


#66
4-Bromophenyl-phenylether
Concen: 4.47 ng
RT: 16.18 min Scan# 2194
Delta R.T. -0.45 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

Tot Ion	Ratio	Lower	Upper
248	100		
250	214.0	77.1	115.7#
141	338.9	50.8	76.2#

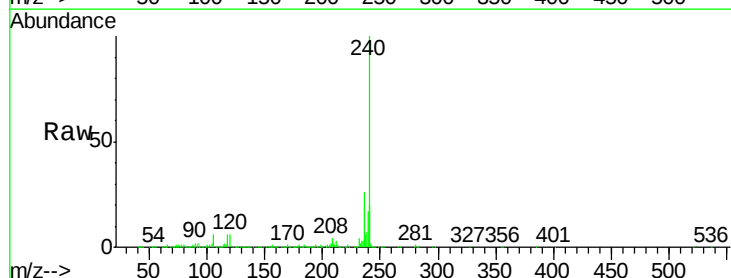


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

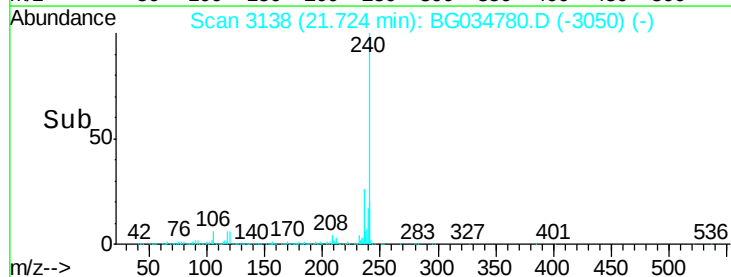
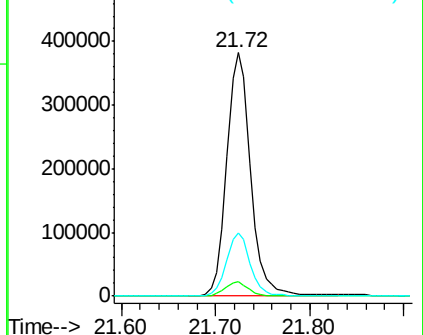


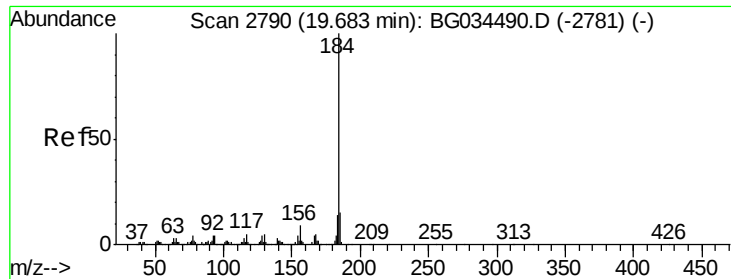
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.72 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	25.9	20.9	31.3



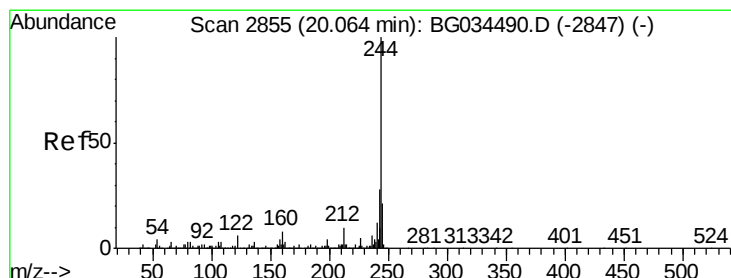
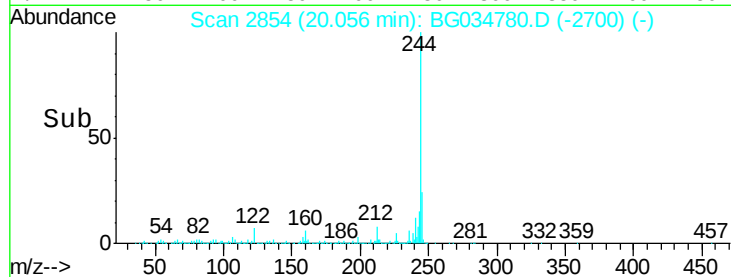
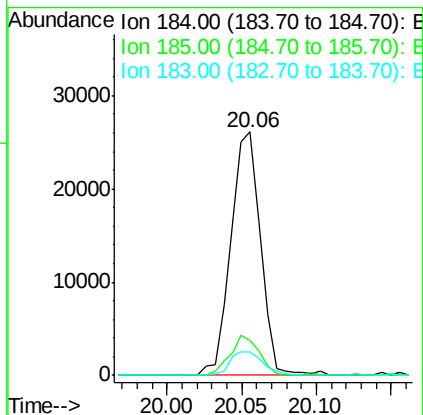
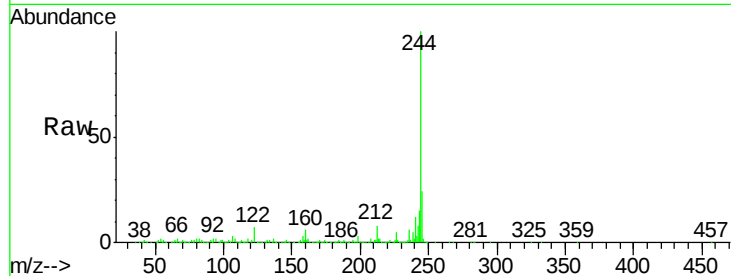
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





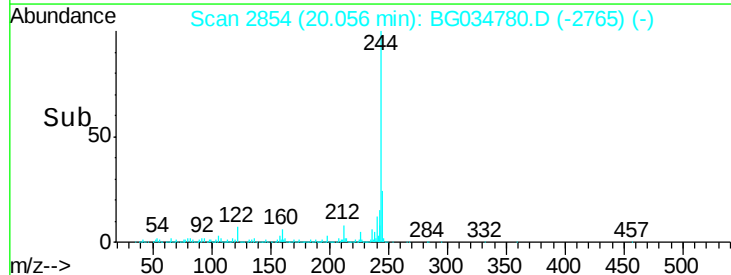
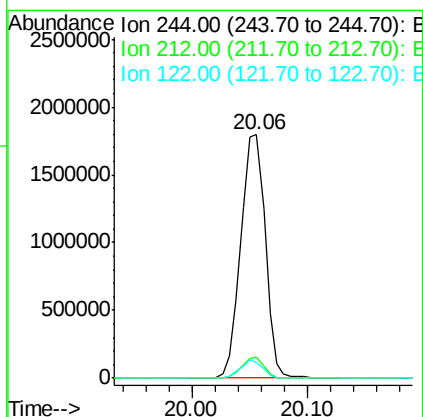
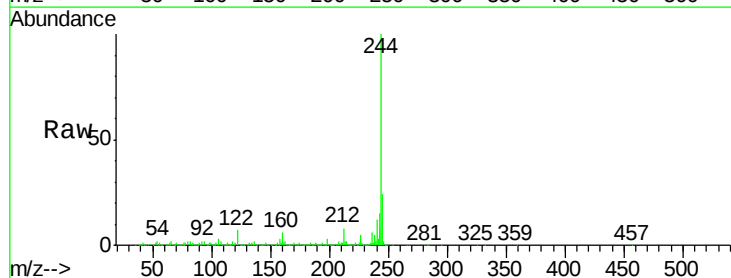
#76
Benzidine
Concen: 5.24 ng
RT: 20.06 min Scan# 2854
Delta R.T. 0.38 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

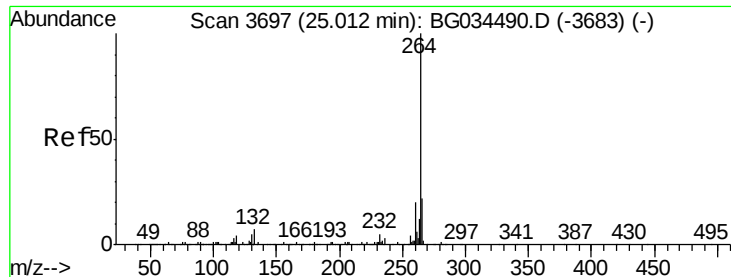
Tot Ion:184 Resp: 36380
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 9.6 10.6 16.0#



#78
Terphenyl-d14
Concen: 86.25 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG034780.D
Acq: 29 May 2018 17:01

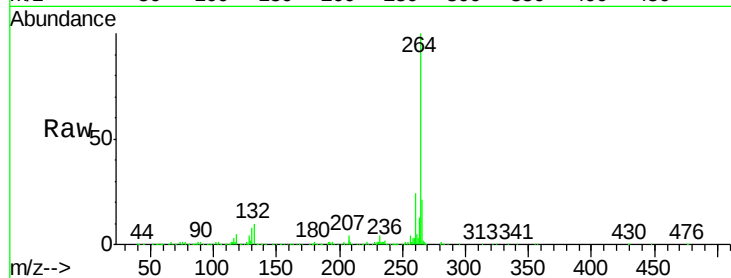
Tgt Ion:244 Resp: 2655210
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.8
122 6.5 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.99 min Scan# 3693
 Delta R.T. -0.02 min
 Lab File: BG034780.D
 Acq: 29 May 2018 17:01

Tot Ion:	264	Resp:	680718
Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

