

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
 Data File : BG034785.D
 Acq On : 29 May 2018 20:14
 Operator : SJ/JU
 Sample : J3138-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

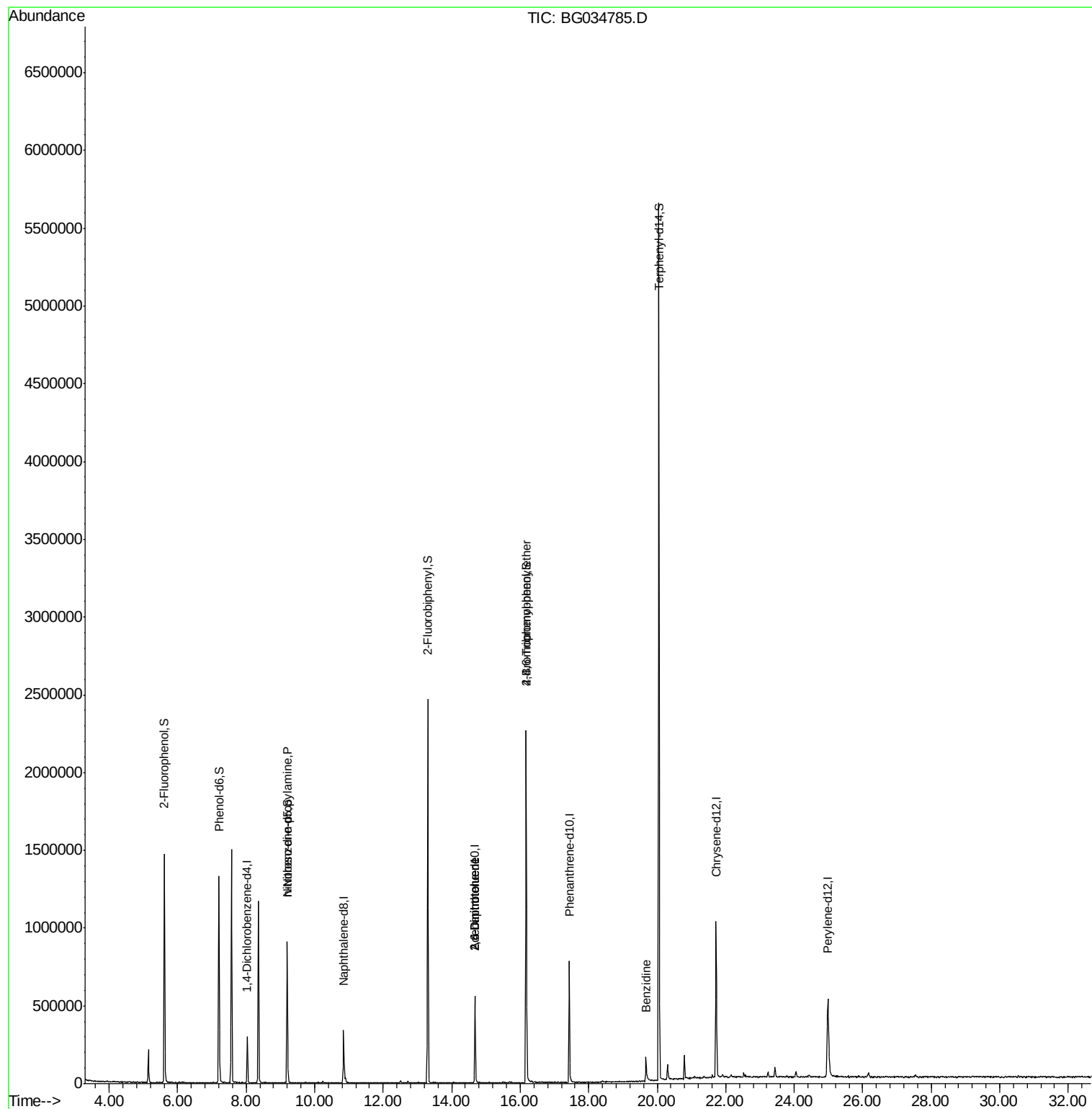
Quant Time: May 30 04:19:50 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 25 14:58:34 2018
 Response via : Initial Calibration

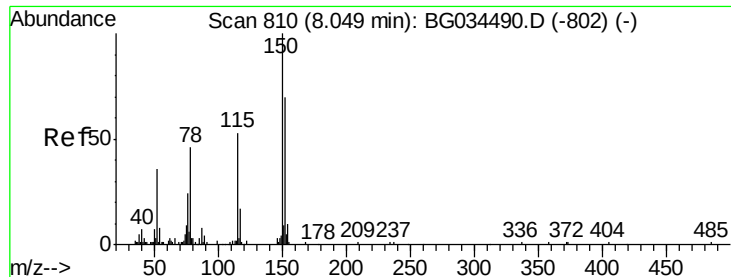
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	82775	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	294808	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	192213	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	529236	20.00	ng	0.00
75) Chrysene-d12	21.72	240	667667	20.00	ng	-0.02
86) Perylene-d12	24.98	264	678319	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	677230	126.01	ng	0.00
7) Phenol-d6	7.20	99	849661	97.73	ng	0.00
23) Nitrobenzene-d5	9.20	82	646396	83.76	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	483400	146.02	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1339833	94.63	ng	0.00
78) Terphenyl-d14	20.05	244	2771784	91.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	83788	11.77	ng	# 72
50) 2,6-Dinitrotoluene	14.68	165	26624	7.83	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	26624	5.27	ng	# 17
66) 4-Bromophenyl-phenylether	16.17	248	34079	4.89	ng	# 1
76) Benzidine	19.67	184	142784	10.64	ng	96

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

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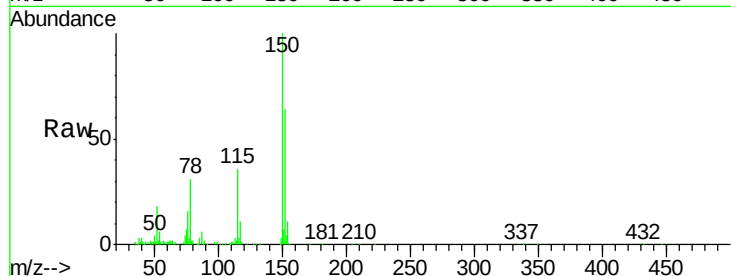




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG034785.D
Acq: 29 May 2018 20:14

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.6	189.8
115	57.3	53.0	79.4

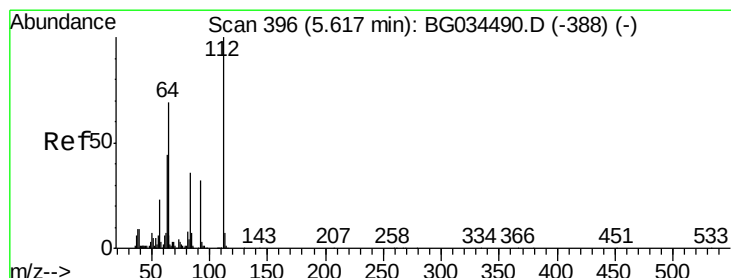
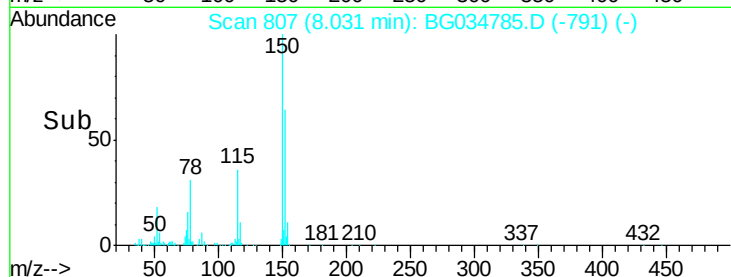
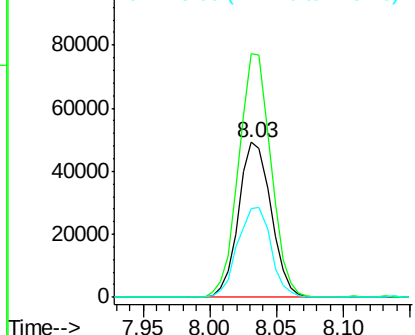


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

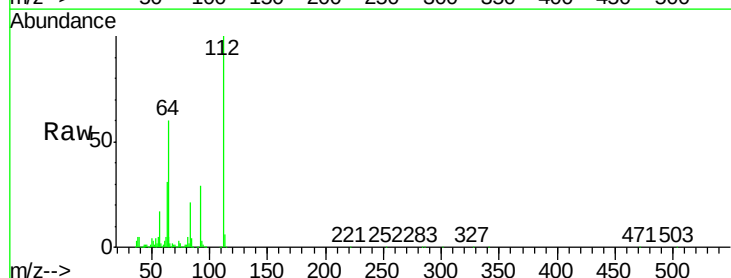
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.01 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG034785.D
Acq: 29 May 2018 20:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	56.3	84.5
63	30.9	30.1	45.1

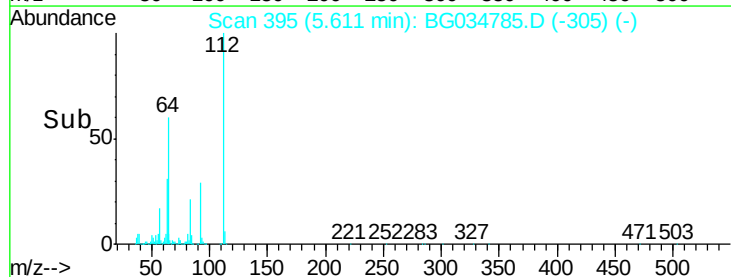
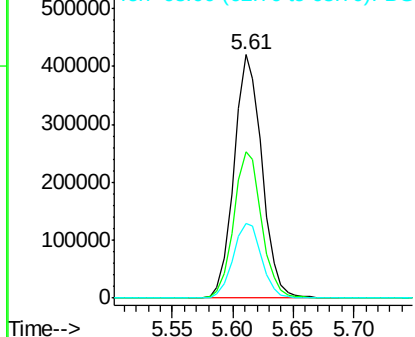


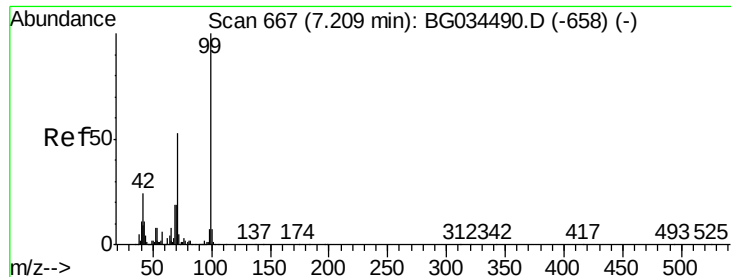
Abundance

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: 97.73 ng

RT: 7.20 min Scan# 666

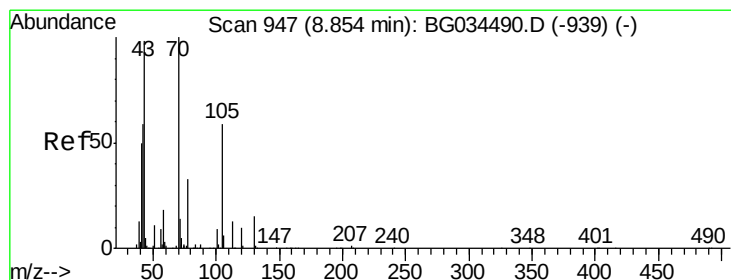
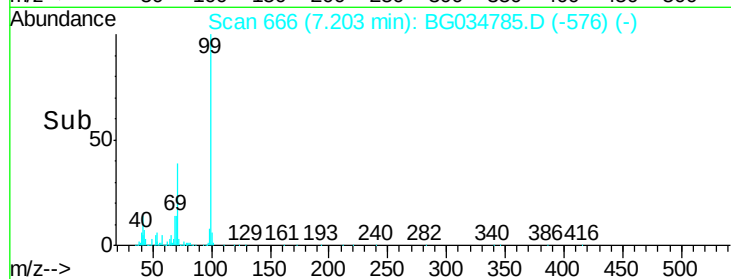
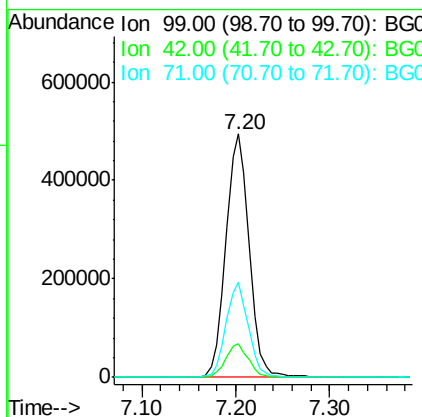
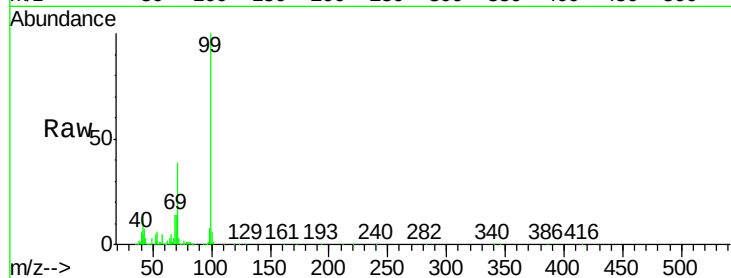
Delta R.T. -0.00 min

Lab File: BG034785.D

Acq: 29 May 2018 20:14

Tot Ion: 99 Resp: 849661

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.1	21.1#
71	39.0	26.1	39.1



#19

n-Nitroso-di-n-propylamine

Concen: 11.77 ng

RT: 9.20 min Scan# 1006

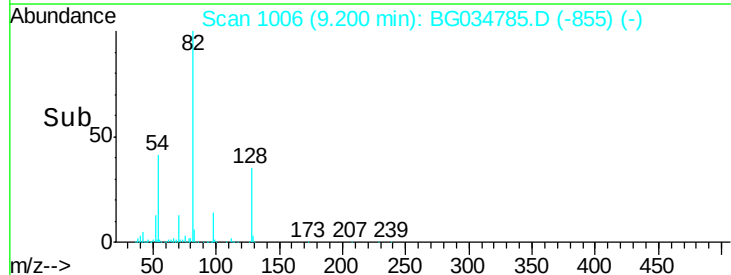
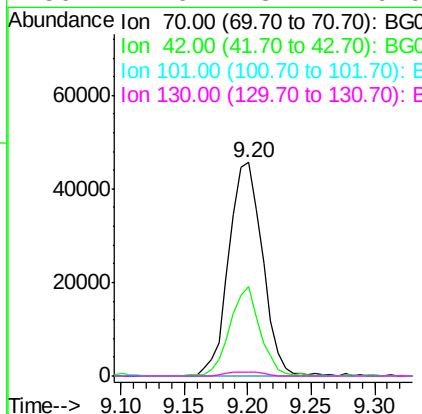
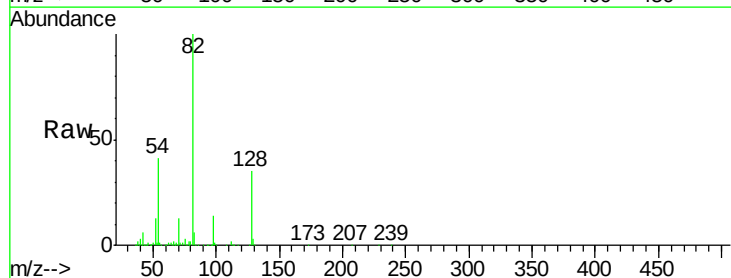
Delta R.T. 0.35 min

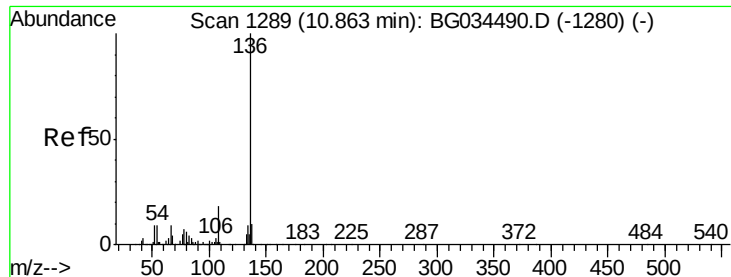
Lab File: BG034785.D

Acq: 29 May 2018 20:14

Tgt Ion: 70 Resp: 83788

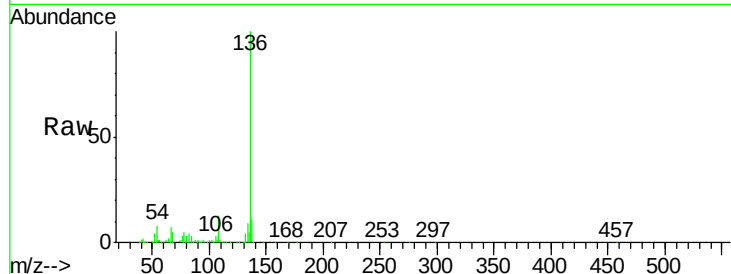
Ion	Ratio	Lower	Upper
70	100		
42	41.8	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



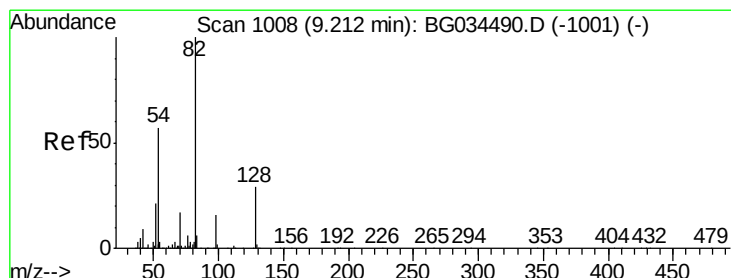
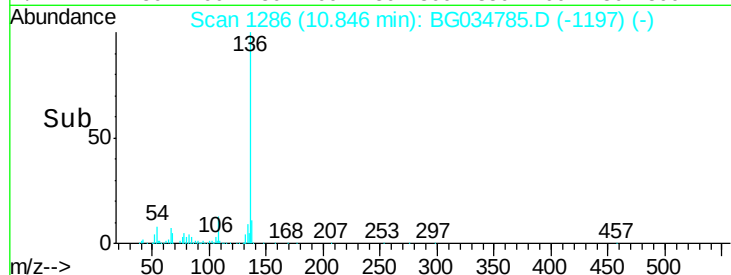
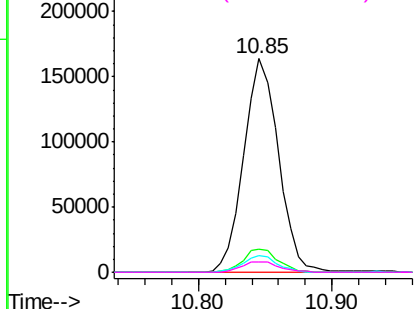


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG034785.D
Acq: 29 May 2018 20:14

Tot Ion:136	Resp:	294808
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.2 13.8
54	7.7	10.3 15.5#
68	5.1	4.5 6.7

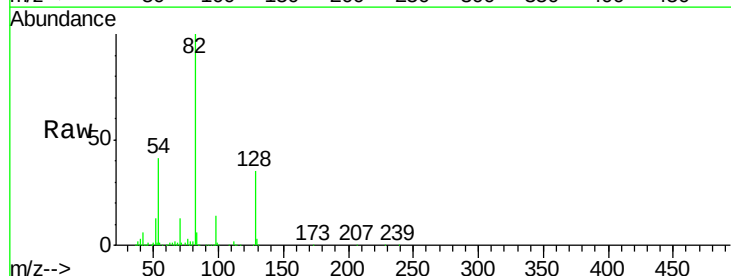


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

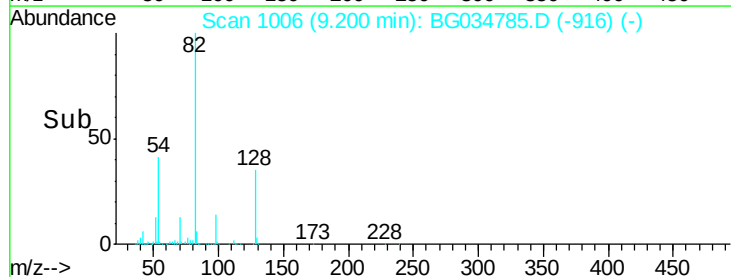
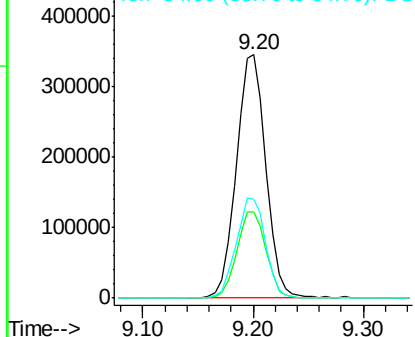


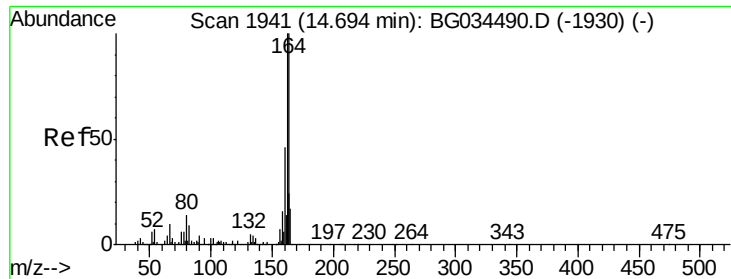
#23
Nitrobenzene-d5
Concen: 83.76 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG034785.D
Acq: 29 May 2018 20:14

Tgt Ion: 82	Resp:	646396
Ion Ratio	Lower	Upper
82	100	
128	35.3	29.7 44.5
54	40.9	43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG034785.D

Acq: 29 May 2018 20:14

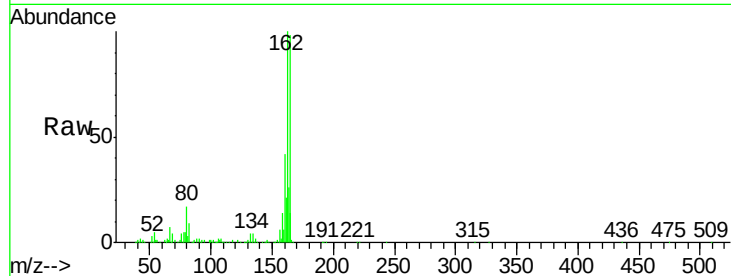
Tot Ion:164 Resp: 192213

Ion Ratio Lower Upper

164 100

162 102.0 78.8 118.2

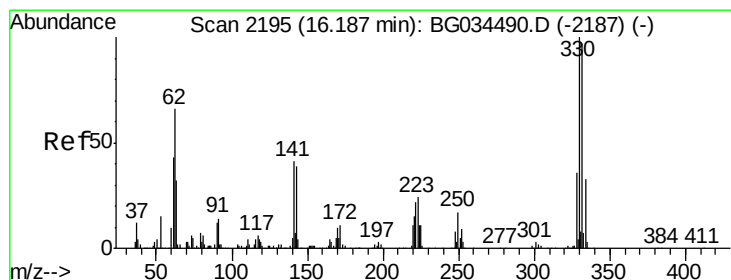
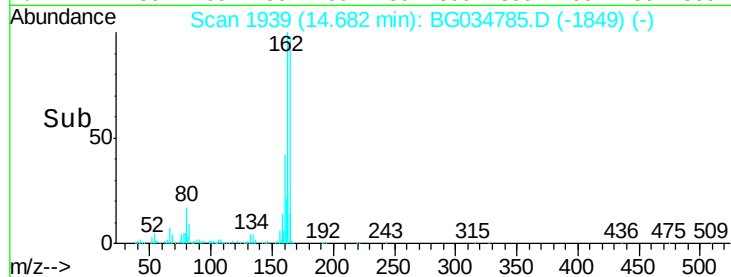
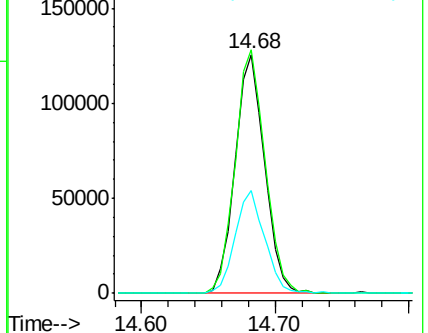
160 43.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 146.02 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG034785.D

Acq: 29 May 2018 20:14

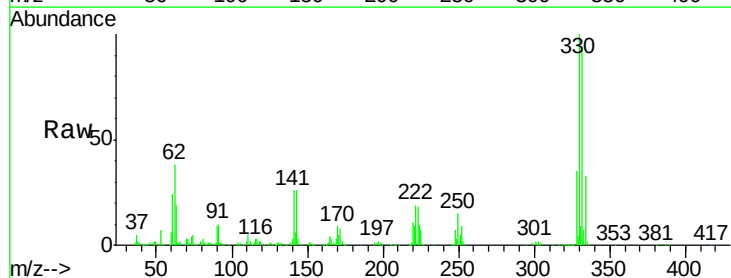
Tgt Ion:330 Resp: 483400

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

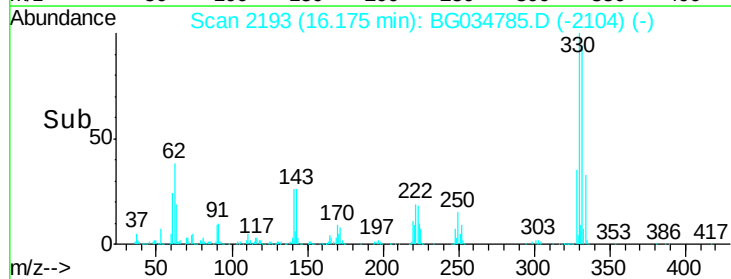
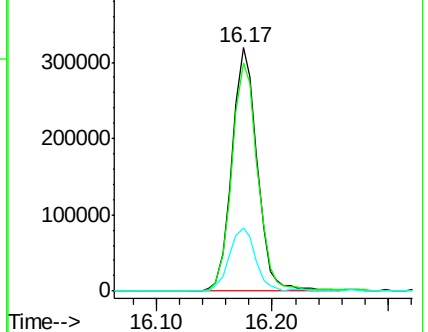
141 26.9 25.2 37.8

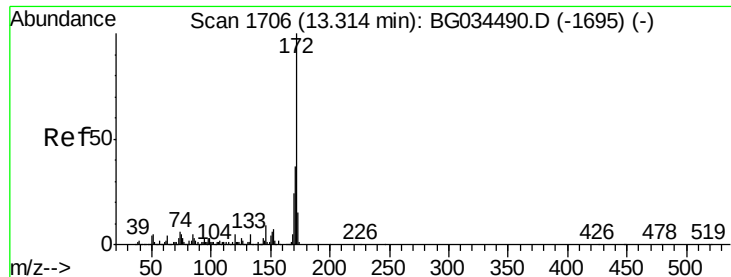


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

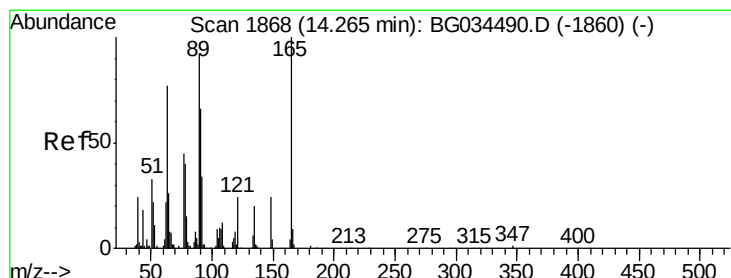
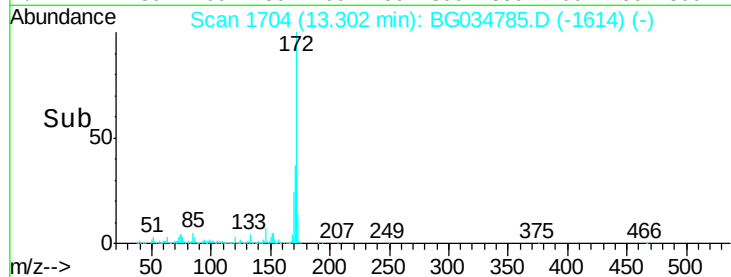
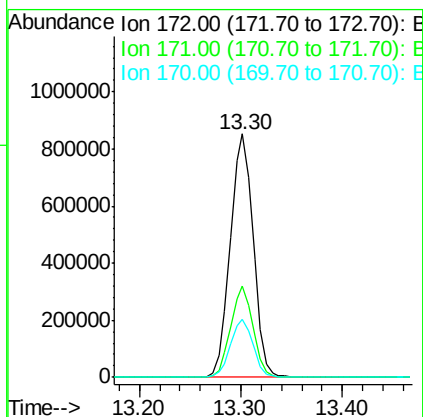
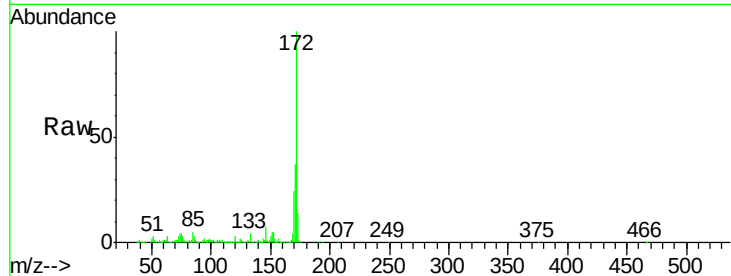
Ion 141.00 (140.70 to 141.70): E





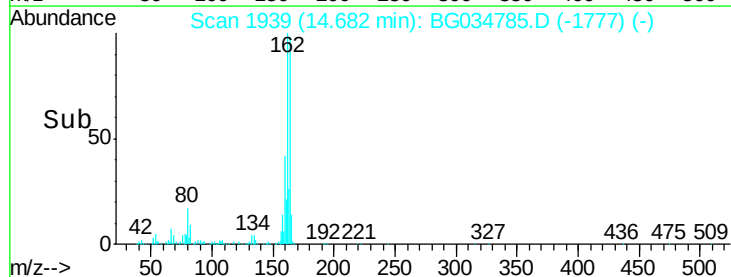
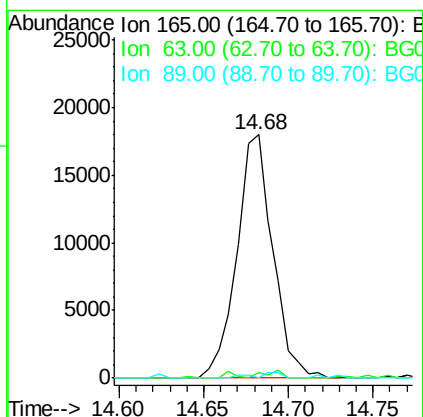
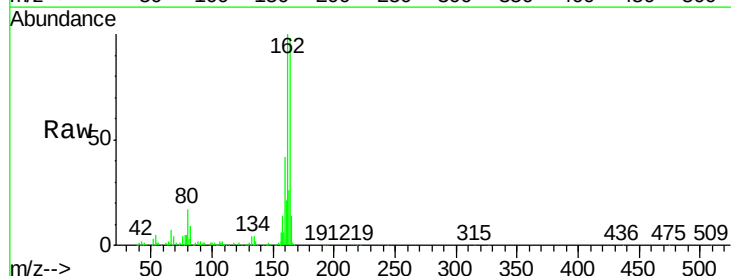
#44
2-Fluorobiphenyl
Concen: 94.63 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG034785.D
Acq: 29 May 2018 20:14

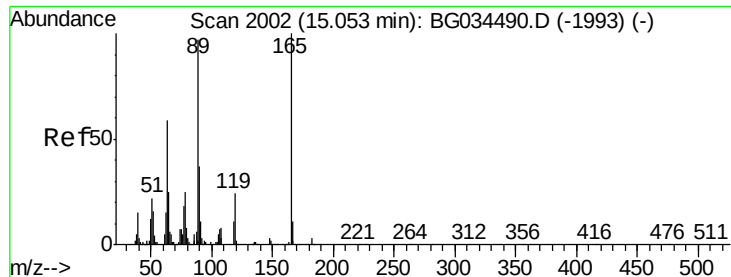
Tot Ion:172 Resp: 1339833
Ion Ratio Lower Upper
172 100
171 37.4 30.0 45.0
170 23.8 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.42 min
Lab File: BG034785.D
Acq: 29 May 2018 20:14

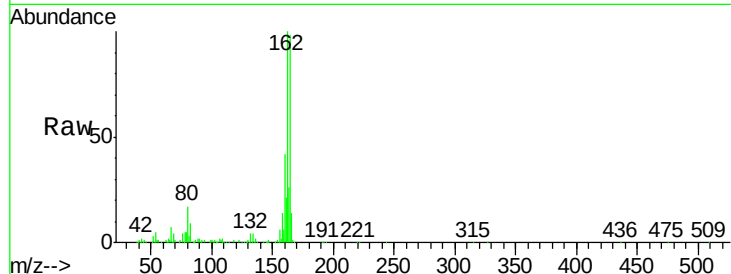
Tgt Ion:165 Resp: 26624
Ion Ratio Lower Upper
165 100
63 2.1 52.7 79.1#
89 0.0 49.2 73.8#





#56
2,4-Dinitrotoluene
Concen: 5.27 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG034785.D
Acq: 29 May 2018 20:14

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

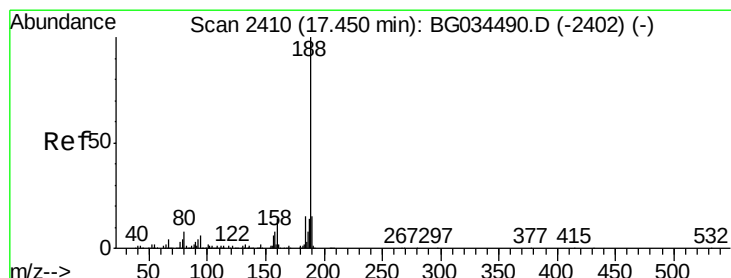
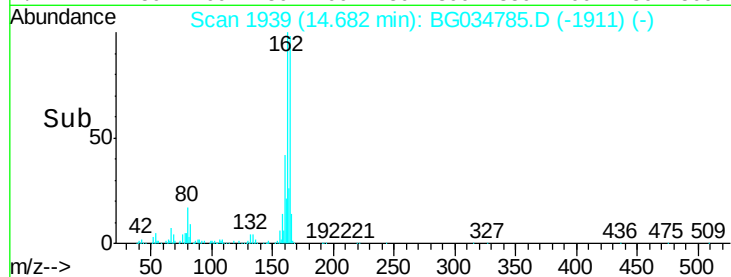
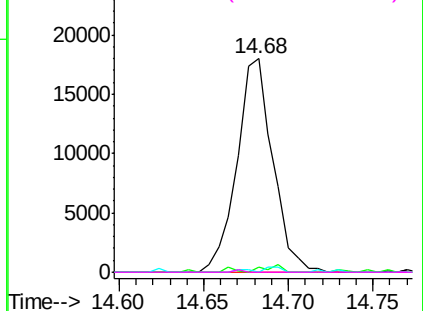


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

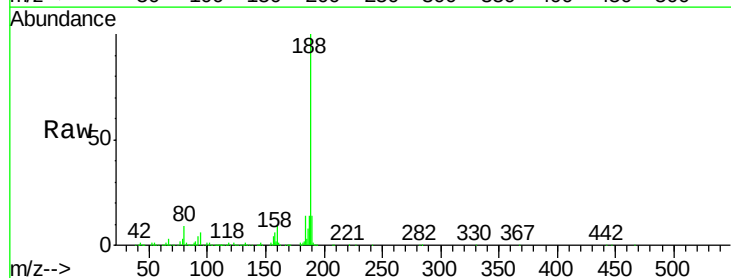
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG034785.D
Acq: 29 May 2018 20:14

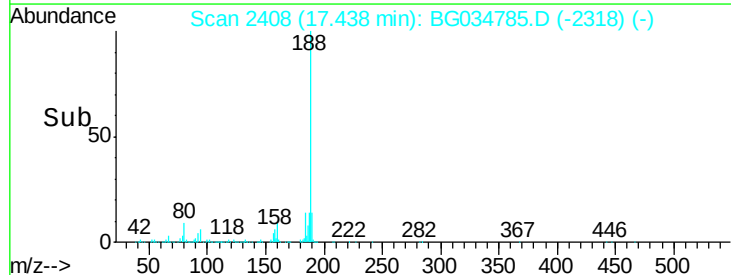
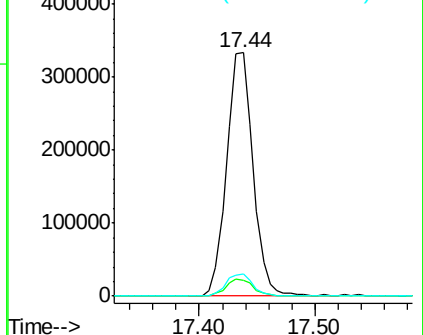
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	9.0	7.7	11.5

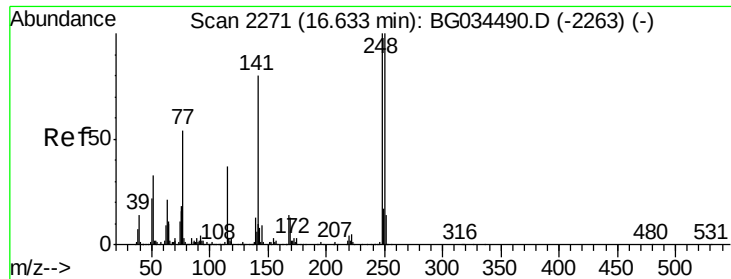


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

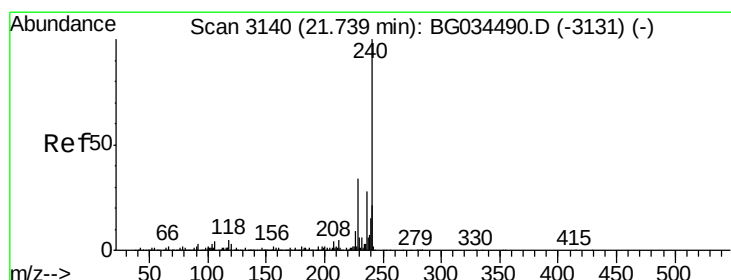
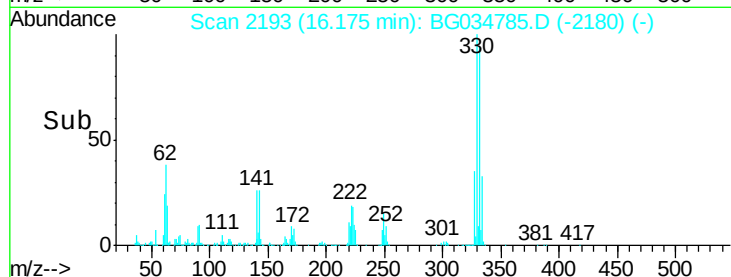
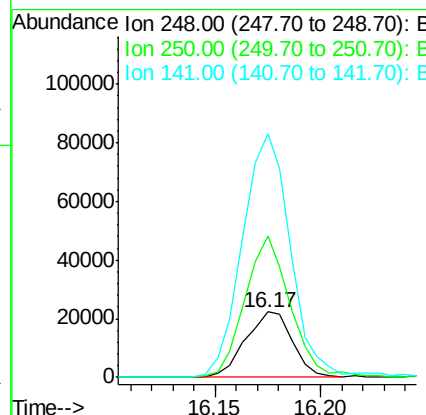
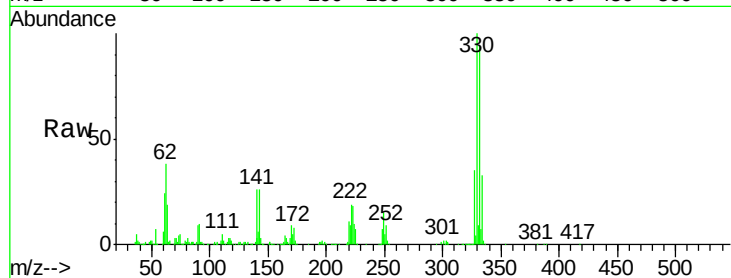
Ion 80.00 (79.70 to 80.70): BGC





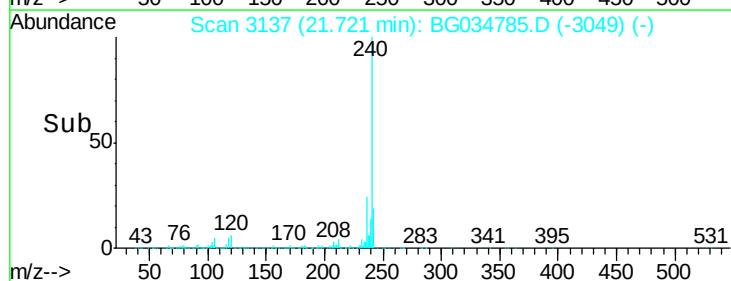
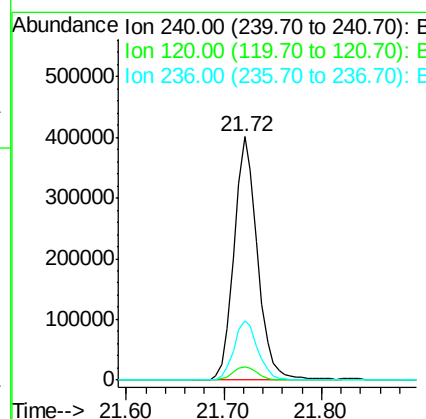
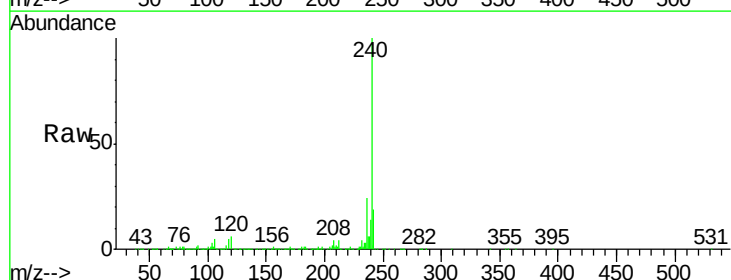
#66
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG034785.D
Acq: 29 May 2018 20:14

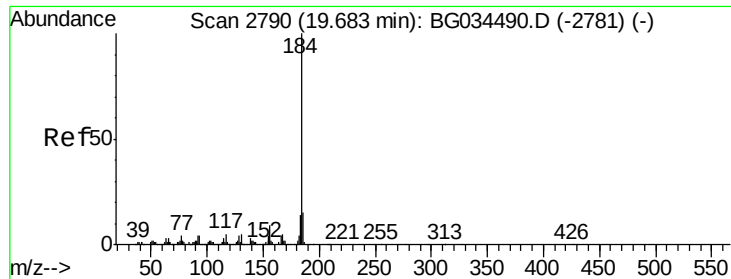
Tot Ion:248 Resp: 34079
Ion Ratio Lower Upper
248 100
250 214.6 77.1 115.7#
141 370.8 50.8 76.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.02 min
Lab File: BG034785.D
Acq: 29 May 2018 20:14

Tgt Ion:240 Resp: 667667
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 24.2 20.9 31.3





#76

Benzidine

Concen: 10.64 ng

RT: 19.67 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG034785.D

Acq: 29 May 2018 20:14

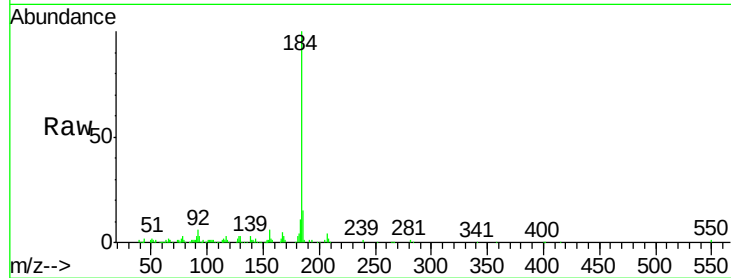
Tot Ion:184 Resp: 142784

Ion Ratio Lower Upper

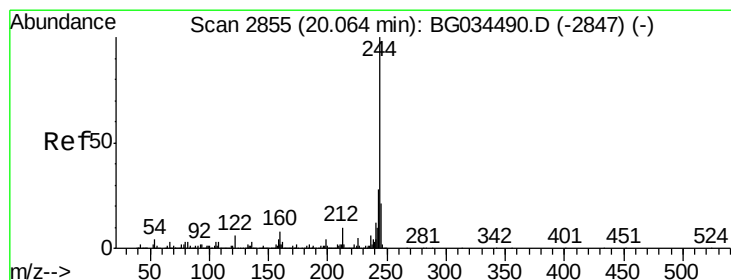
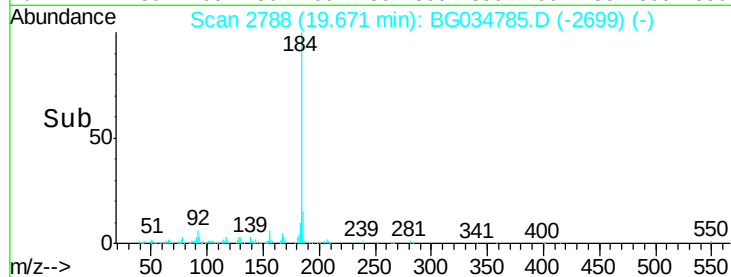
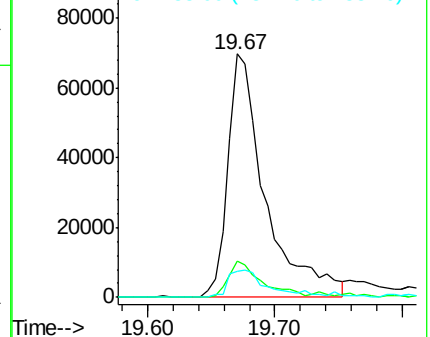
184 100

185 14.8 11.1 16.7

183 10.8 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: 91.04 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG034785.D

Acq: 29 May 2018 20:14

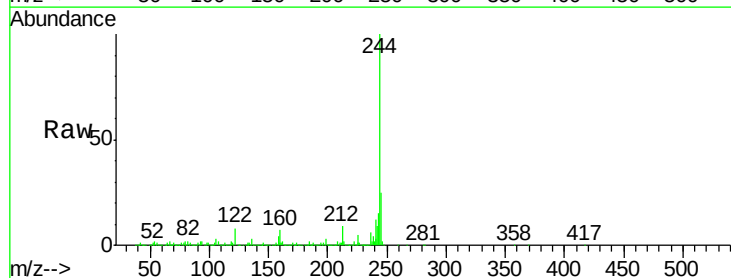
Tgt Ion:244 Resp: 2771784

Ion Ratio Lower Upper

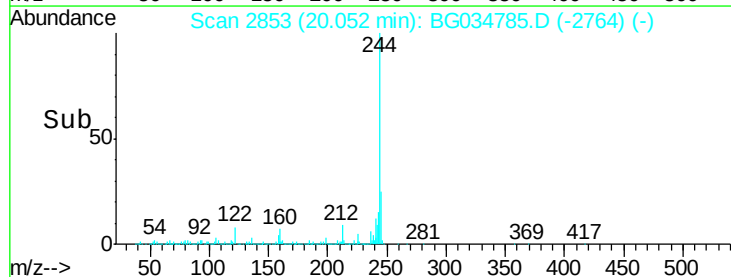
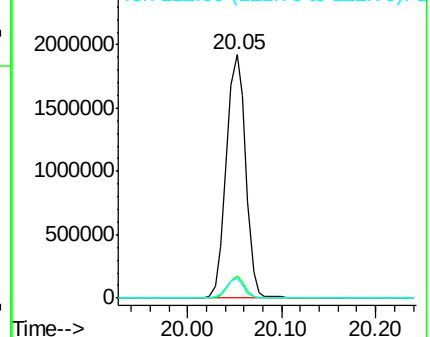
244 100

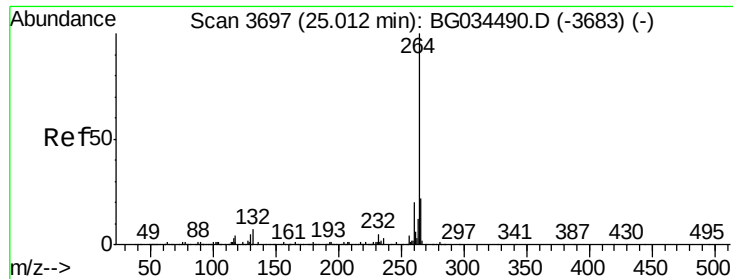
212 9.0 5.8 8.8#

122 7.9 7.0 10.4



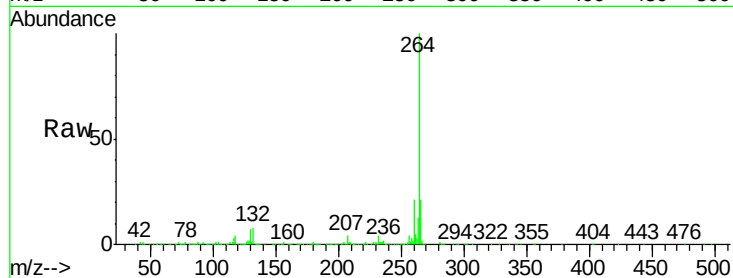
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.98 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG034785.D
Acq: 29 May 2018 20:14

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.1	17.4	26.0
265	21.3	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

