

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
 Data File : BG034791.D
 Acq On : 30 May 2018 00:05
 Operator : SJ/JU
 Sample : J3174-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

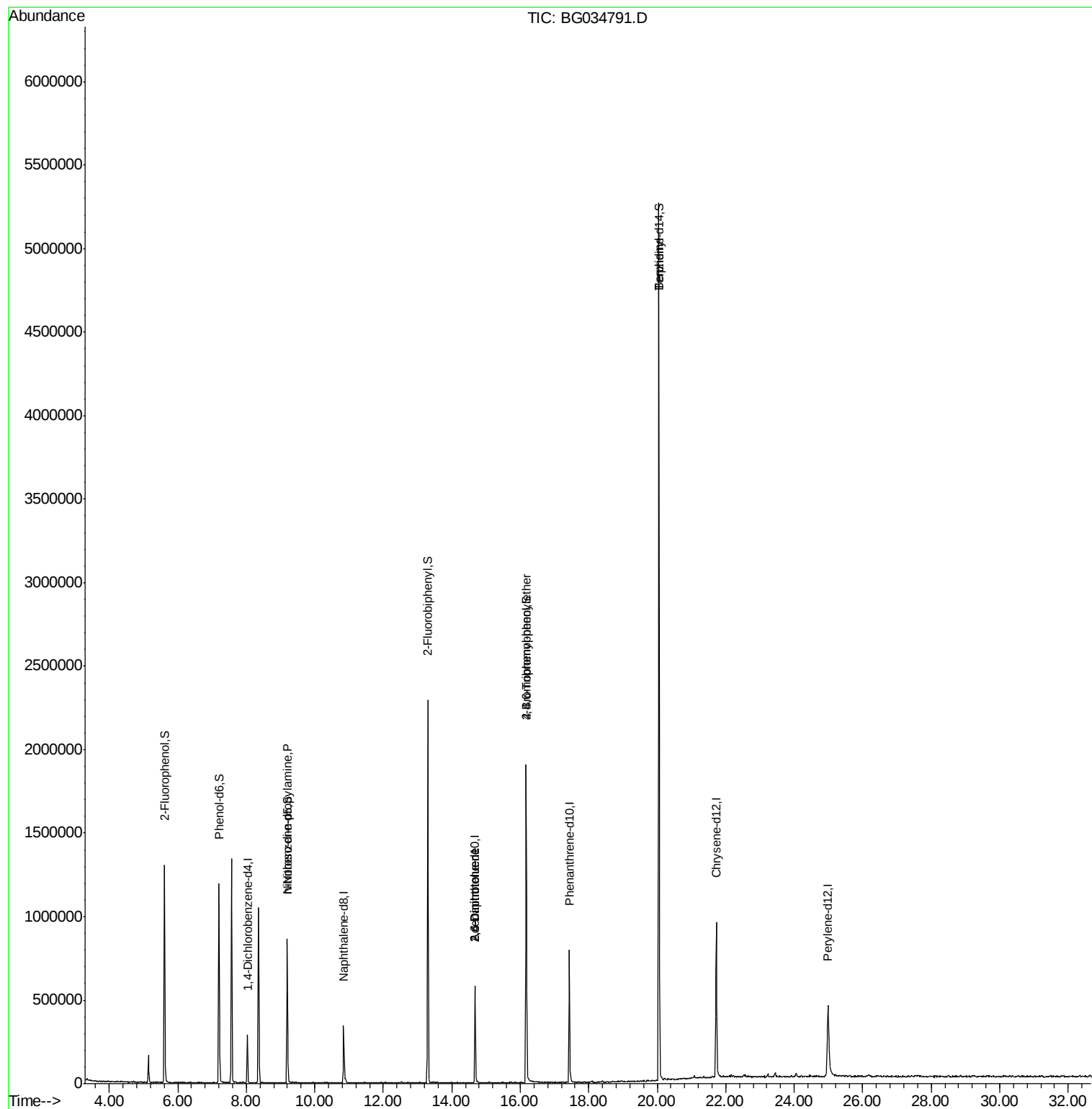
Quant Time: May 30 04:24:07 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 25 14:58:34 2018
 Response via : Initial Calibration

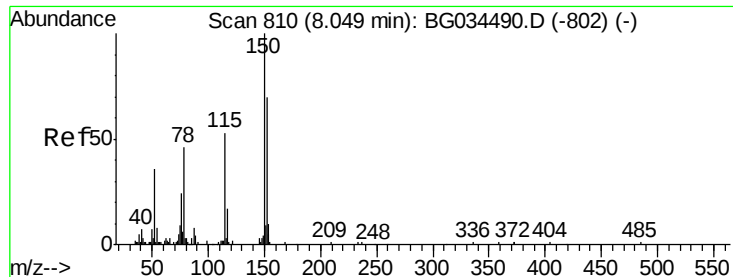
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	82780	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	300753	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	202897	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	541780	20.00	ng	0.00
75) Chrysene-d12	21.72	240	644997	20.00	ng	-0.01
86) Perylene-d12	24.98	264	649413	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	601406	111.90	ng	0.00
7) Phenol-d6	7.20	99	761560	87.59	ng	0.00
23) Nitrobenzene-d5	9.20	82	589595	74.89	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	419123	119.94	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1245455	83.34	ng	0.00
78) Terphenyl-d14	20.05	244	2582647	87.81	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	79947	11.23	ng	# 66
50) 2,6-Dinitrotoluene	14.68	165	26239	7.31	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	26239	4.92	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	30540	4.28	ng	# 1
76) Benzidine	20.05	184	34021	5.21	ng	# 94

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

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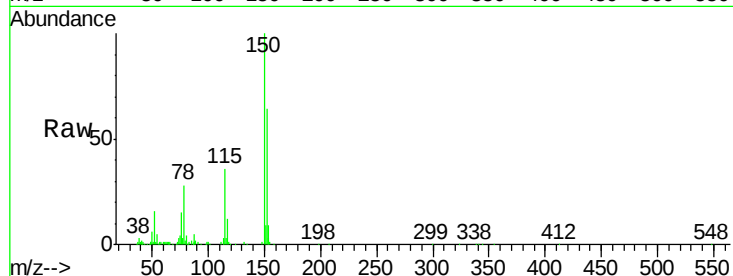




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG034791.D
Acq: 30 May 2018 00:05

Tot Ion	152	Resp	82780
Ion Ratio	100	Lower	Upper
150	157.4	126.6	189.8
115	56.2	53.0	79.4

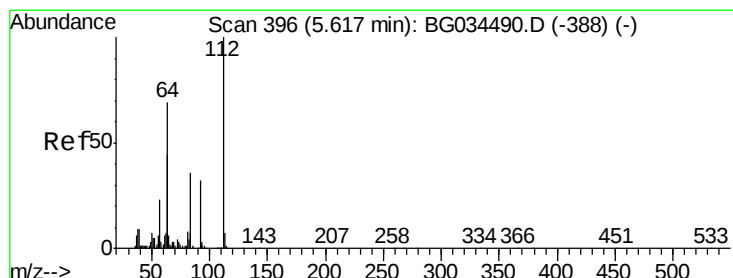
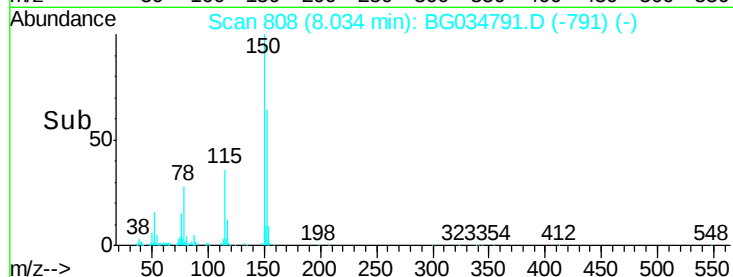
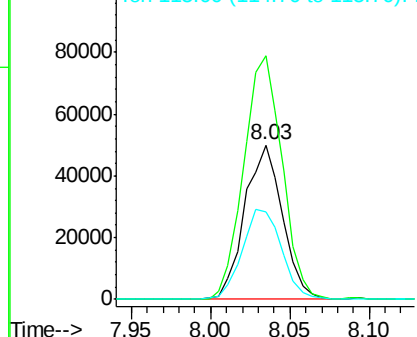


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

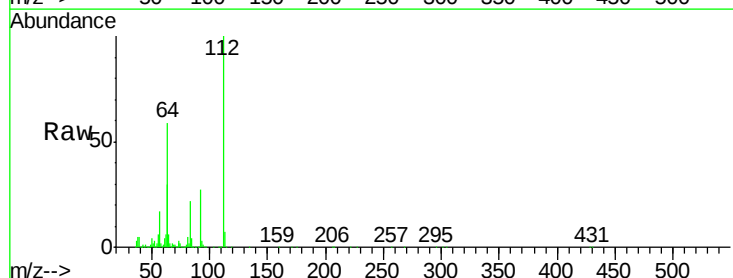
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 111.90 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG034791.D
Acq: 30 May 2018 00:05

Tgt Ion	112	Resp	601406
Ion Ratio	100	Lower	Upper
64	59.1	56.3	84.5
63	30.4	30.1	45.1

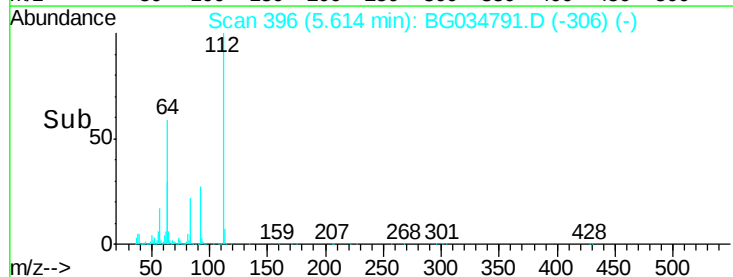
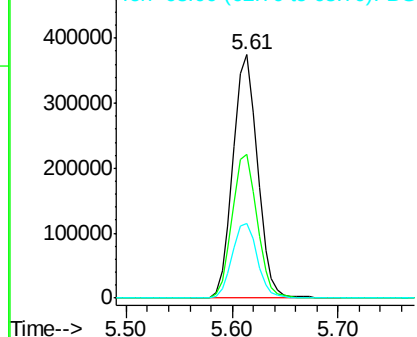


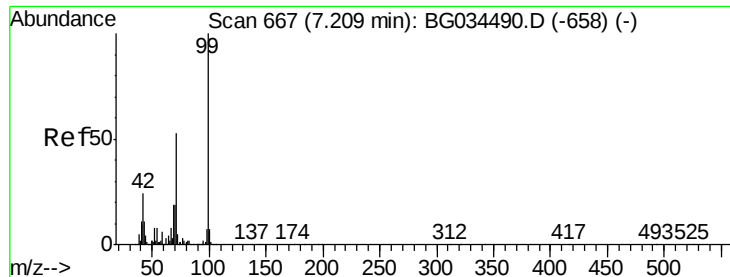
Abundance

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: 87.59 ng

RT: 7.20 min Scan# 666

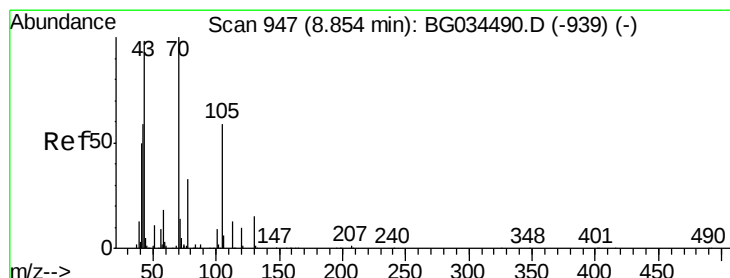
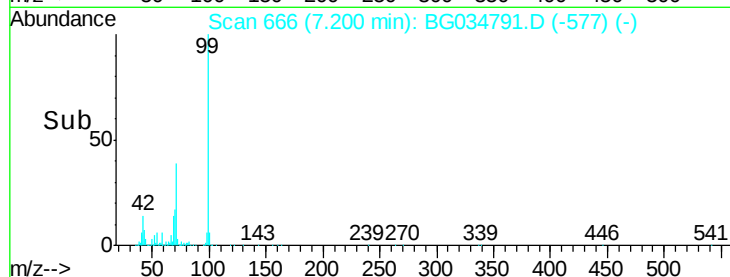
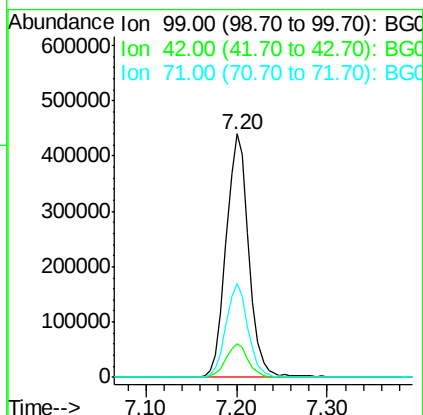
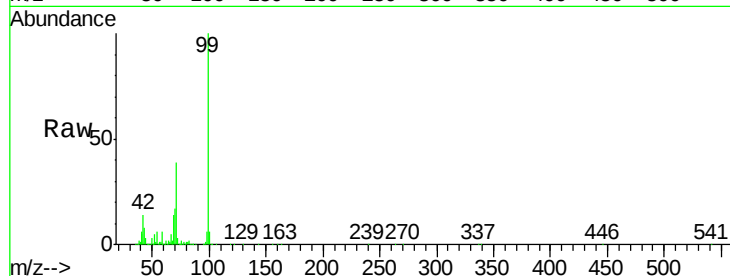
Delta R.T. -0.01 min

Lab File: BG034791.D

Acq: 30 May 2018 00:05

Tot Ion: 99 Resp: 761560

Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.1	21.1#
71	38.6	26.1	39.1



#19

n-Nitroso-di-n-propylamine

Concen: 11.23 ng

RT: 9.20 min Scan# 1006

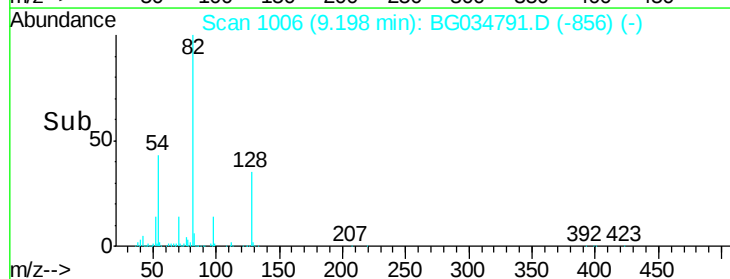
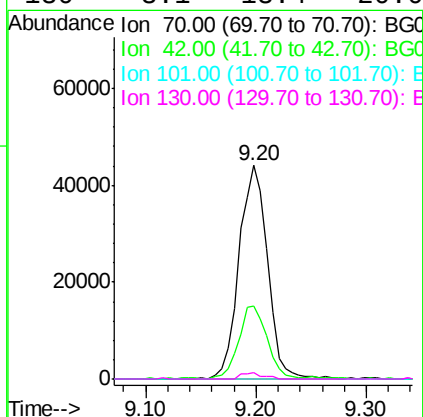
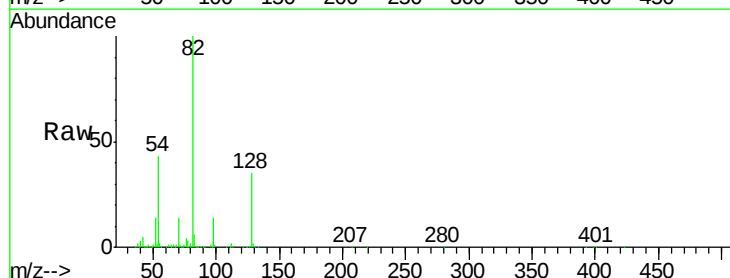
Delta R.T. 0.35 min

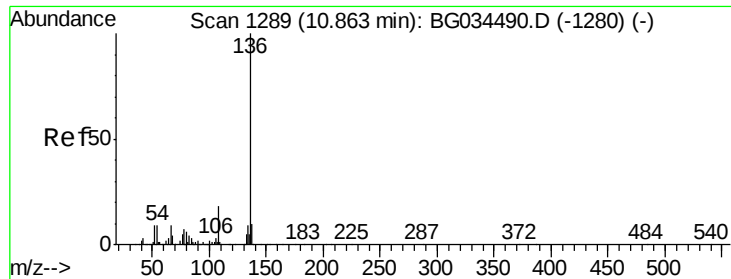
Lab File: BG034791.D

Acq: 30 May 2018 00:05

Tgt Ion: 70 Resp: 79947

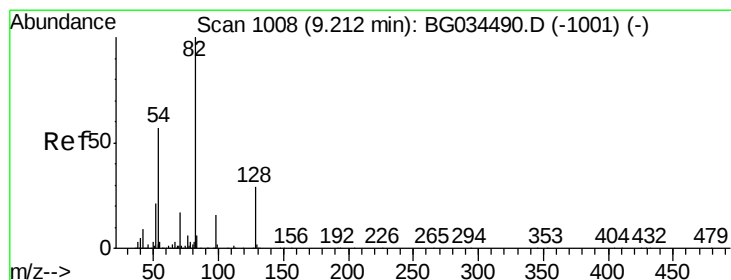
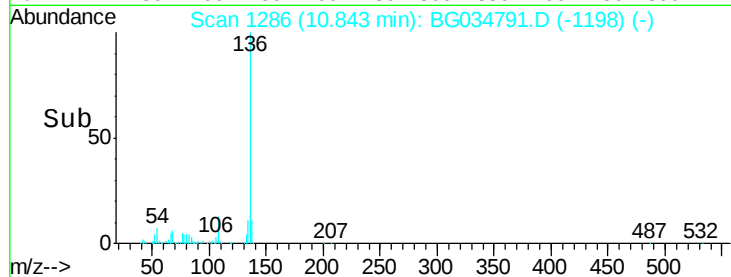
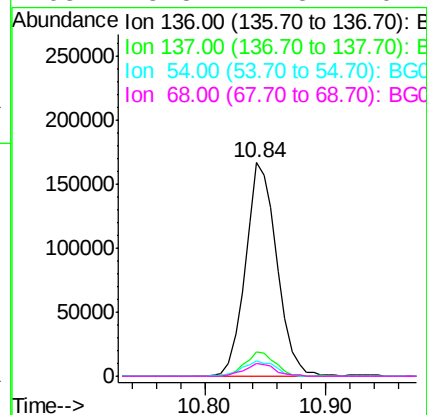
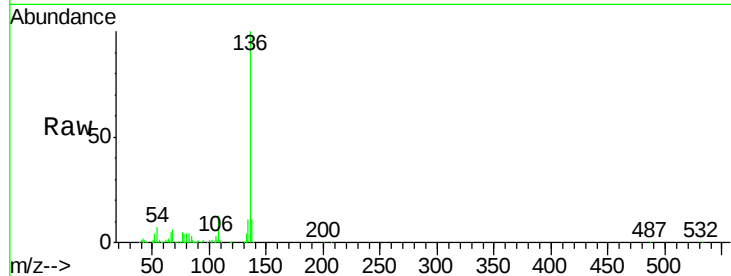
Ion	Ratio	Lower	Upper
70	100		
42	34.0	49.1	73.7#
101	0.0	8.5	12.7#
130	3.1	13.4	20.0#





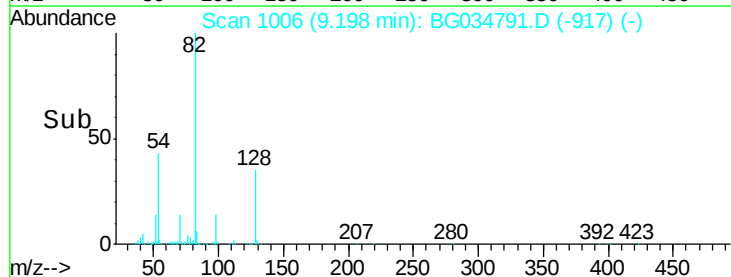
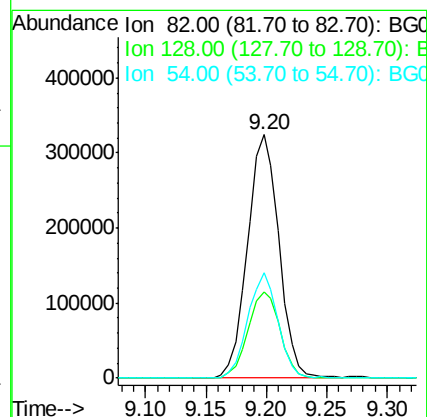
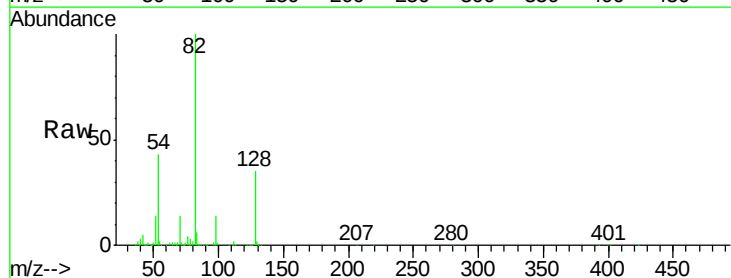
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG034791.D
Acq: 30 May 2018 00:05

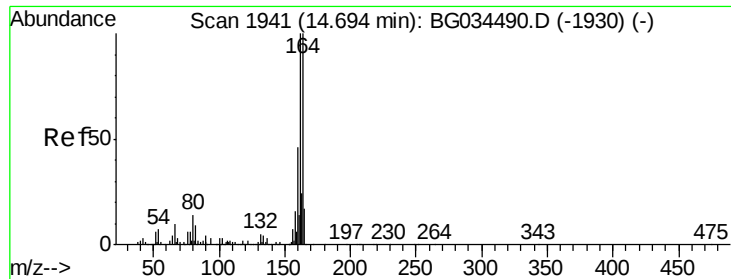
Tot Ion:136	Resp:	300753
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.2	13.8
54 7.1	10.3	15.5#
68 5.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 74.89 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG034791.D
Acq: 30 May 2018 00:05

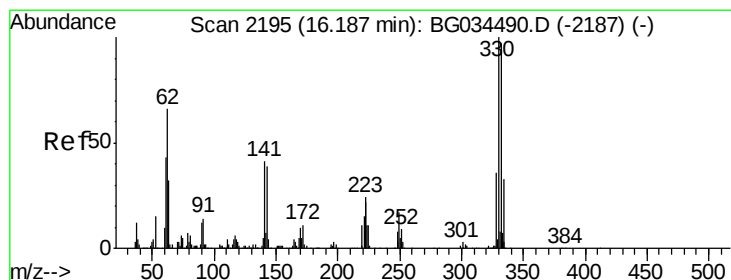
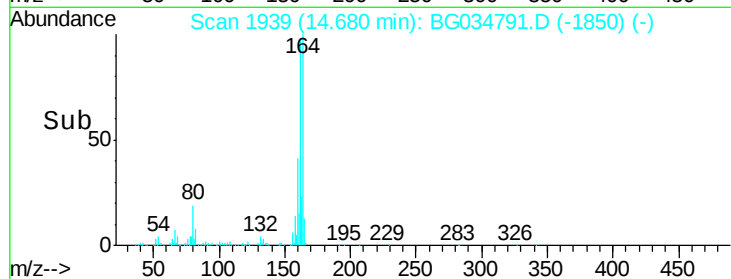
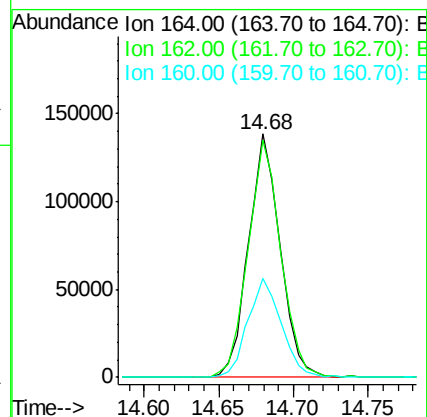
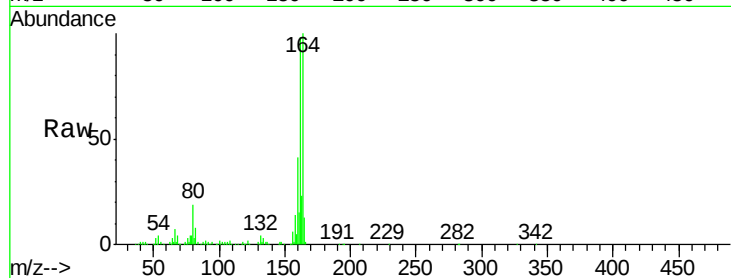
Tgt	Ion: 82	Resp:	589595
Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	43.2	43.1	64.7





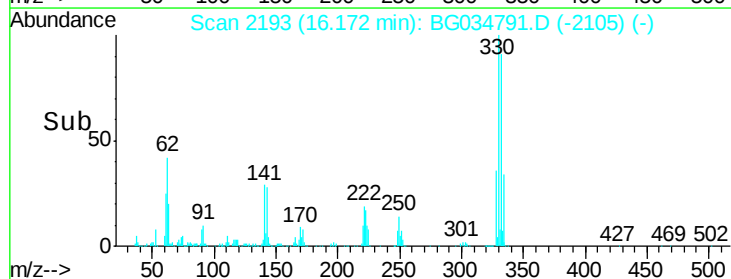
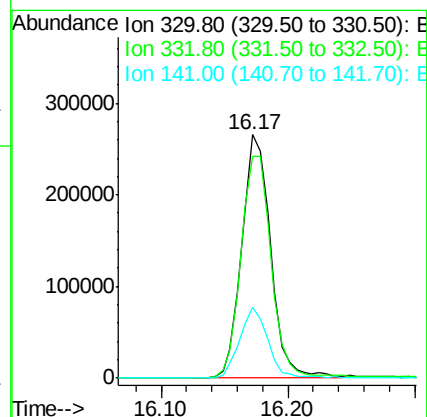
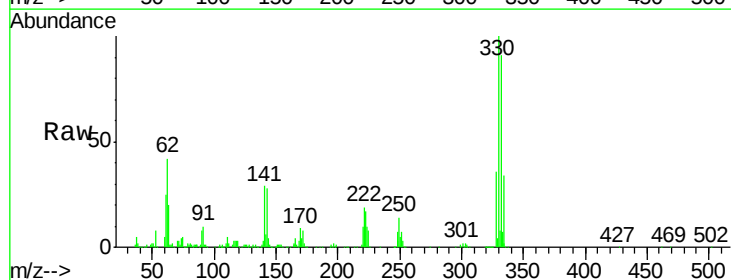
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG034791.D
 Acq: 30 May 2018 00:05

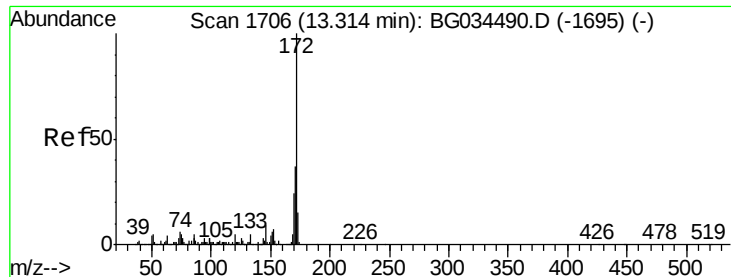
Tot Ion:164	Resp: 202897
Ion Ratio	Lower Upper
164 100	
162 97.5	78.8 118.2
160 40.8	35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 119.94 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG034791.D
 Acq: 30 May 2018 00:05

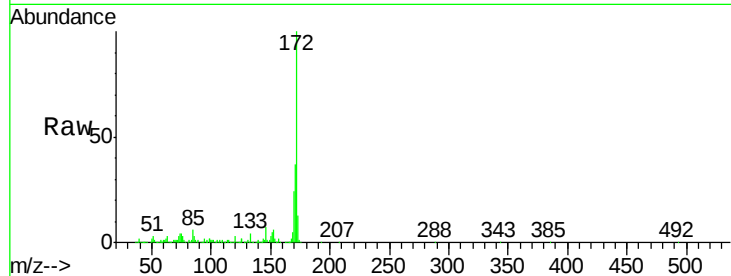
Tgt	Ion:330	Resp:	419123
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	28.5	25.2	37.8



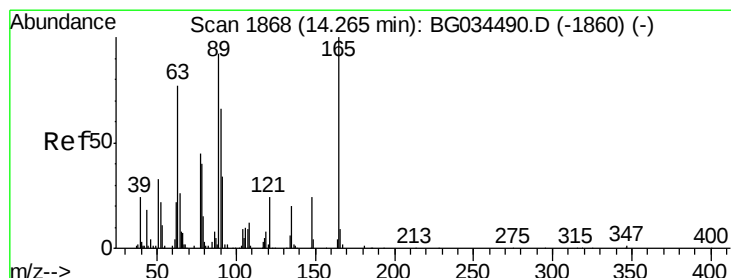
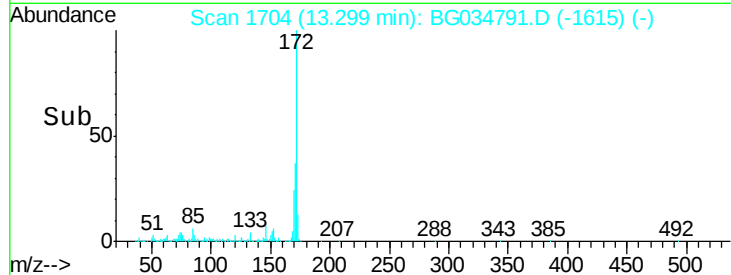
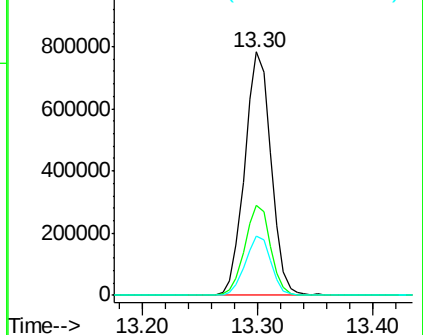


#44
2-Fluorobiphenyl
Concen: 83.34 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG034791.D
Acq: 30 May 2018 00:05

Tot Ion:172 Resp: 1245455
Ion Ratio Lower Upper
172 100
171 36.7 30.0 45.0
170 24.1 19.5 29.3

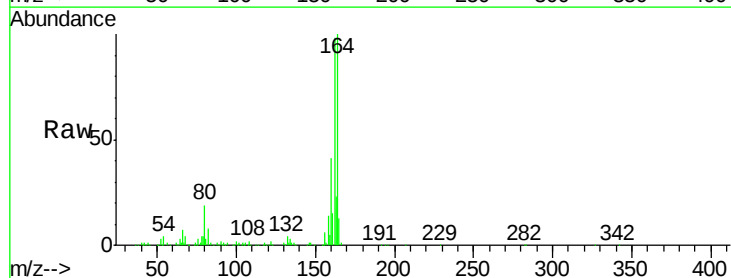


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

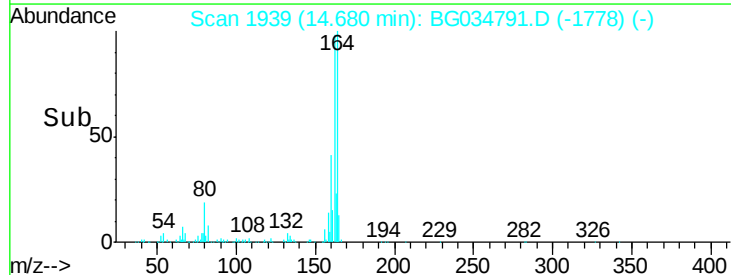
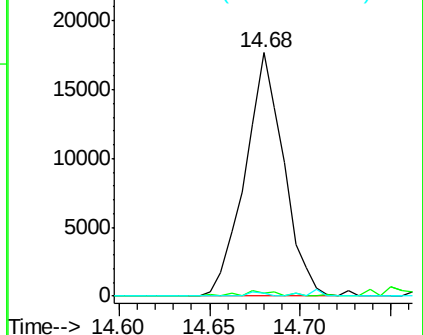


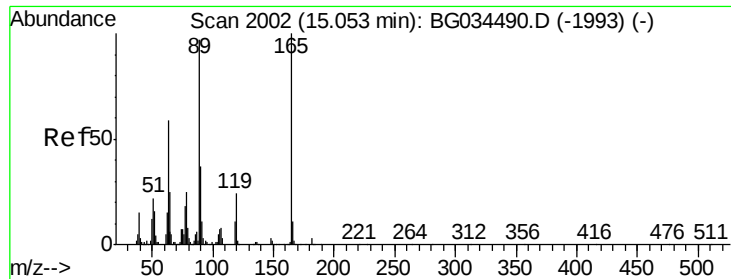
#50
2,6-Dinitrotoluene
Concen: 7.31 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.42 min
Lab File: BG034791.D
Acq: 30 May 2018 00:05

Tgt Ion:165 Resp: 26239
Ion Ratio Lower Upper
165 100
63 1.3 52.7 79.1#
89 1.2 49.2 73.8#



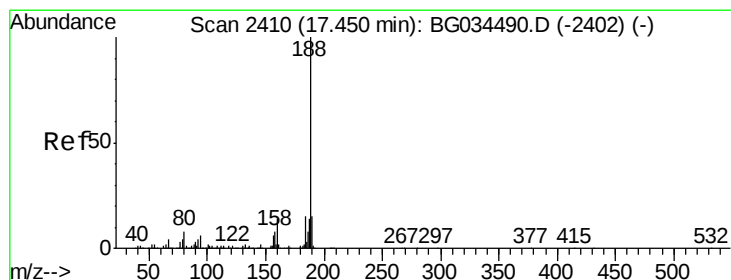
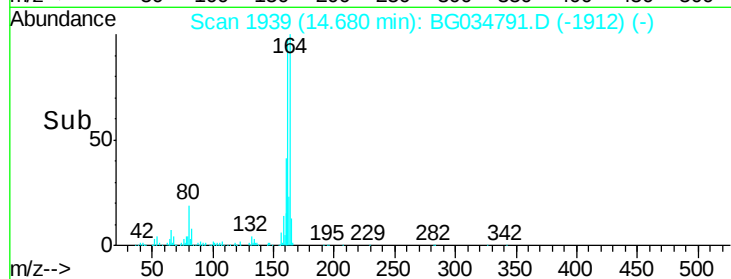
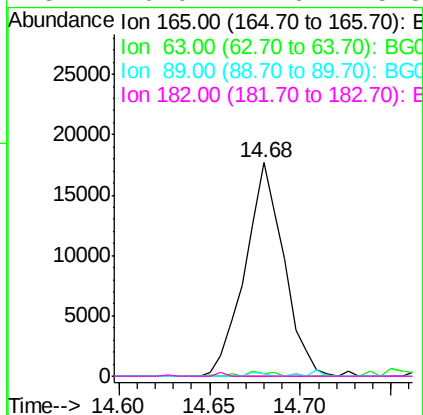
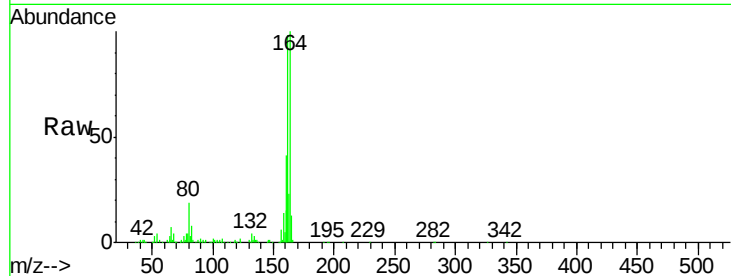
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





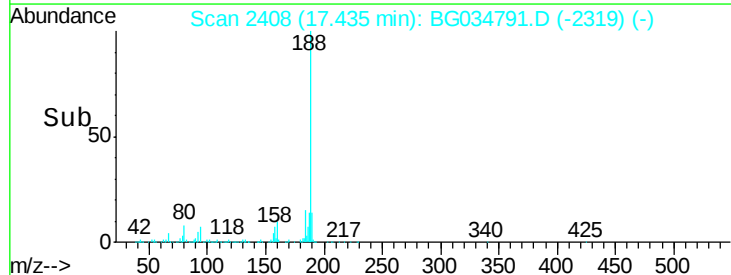
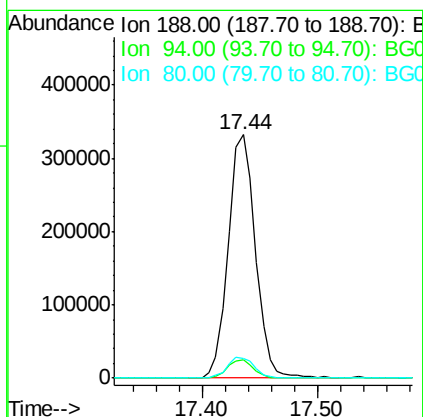
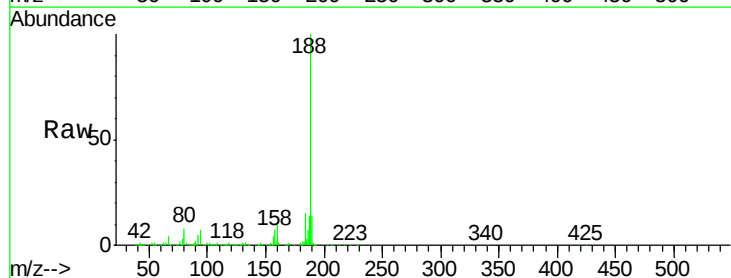
#56
 2,4-Dinitrotoluene
 Concen: 4.92 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG034791.D
 Acq: 30 May 2018 00:05

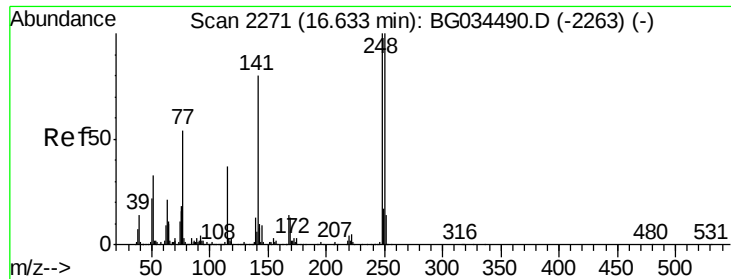
Tot Ion:165 Resp: 26239
 Ion Ratio Lower Upper
 165 100
 63 1.3 42.0 63.0#
 89 1.2 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG034791.D
 Acq: 30 May 2018 00:05

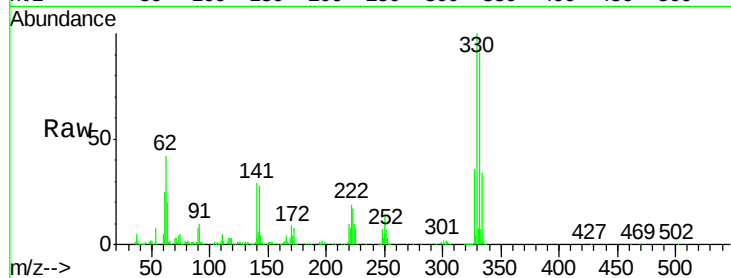
Tgt Ion:188 Resp: 541780
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.9 10.3
 80 8.2 7.7 11.5



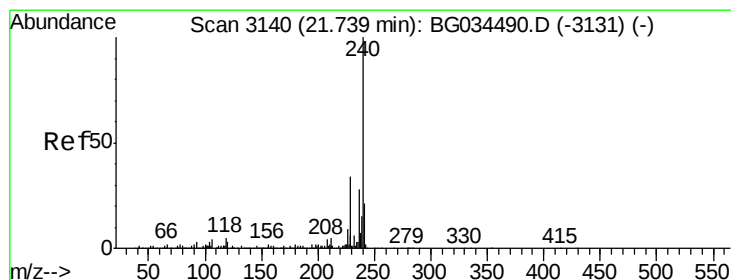
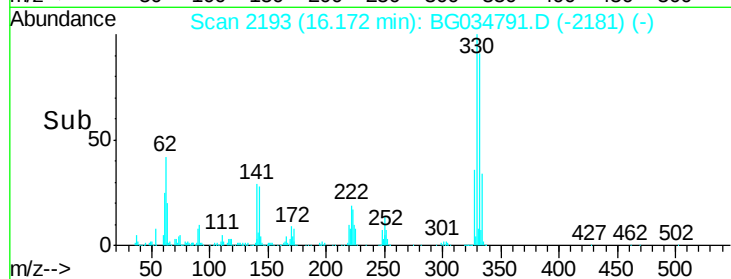
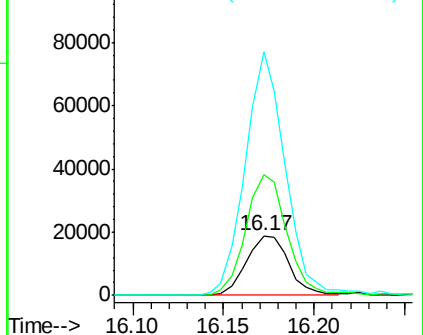


#66
4-Bromophenyl-phenylether
Concen: 4.28 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG034791.D
Acq: 30 May 2018 00:05

Tot Ion:248 Resp: 30540
Ion Ratio Lower Upper
248 100
250 201.8 77.1 115.7#
141 409.1 50.8 76.2#

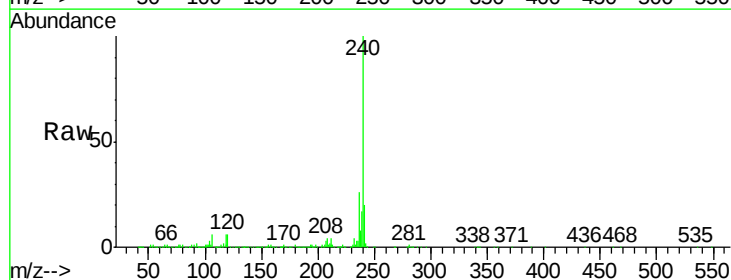


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

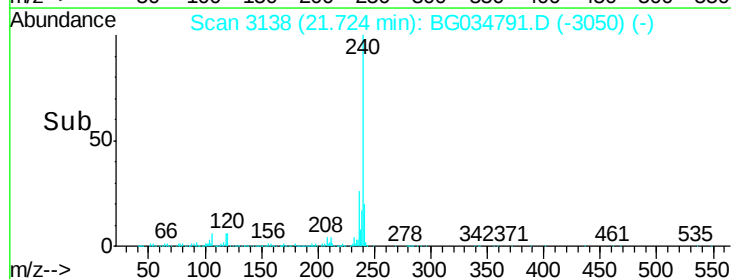
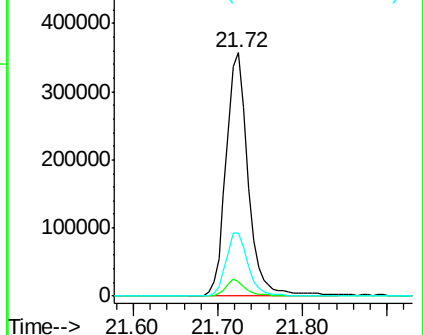


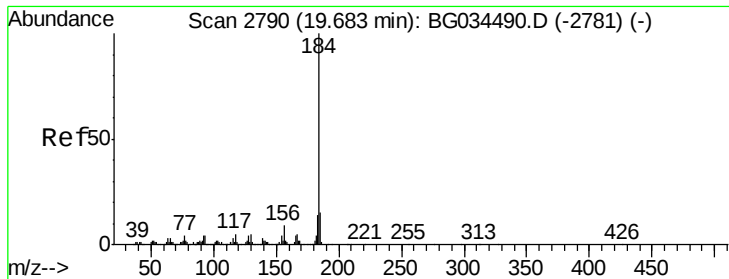
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.72 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG034791.D
Acq: 30 May 2018 00:05

Tgt Ion:240 Resp: 644997
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 26.1 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: 5.21 ng

RT: 20.05 min Scan# 2853

Delta R.T. 0.37 min

Lab File: BG034791.D

Acq: 30 May 2018 00:05

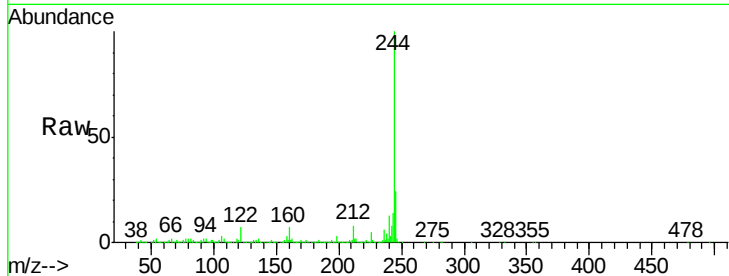
Tot Ion:184 Resp: 34021

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

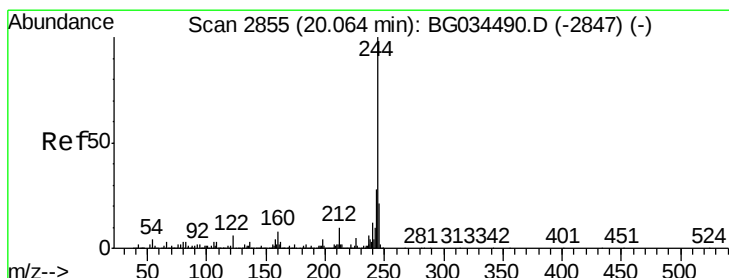
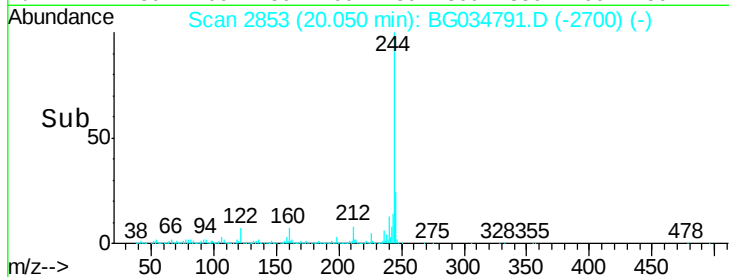
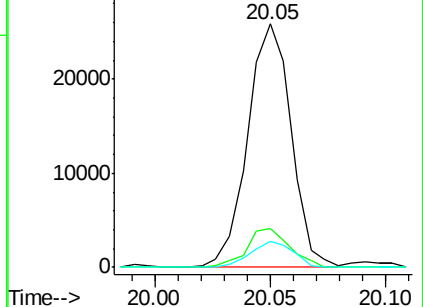
183 10.6 10.6 16.0#



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: 87.81 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG034791.D

Acq: 30 May 2018 00:05

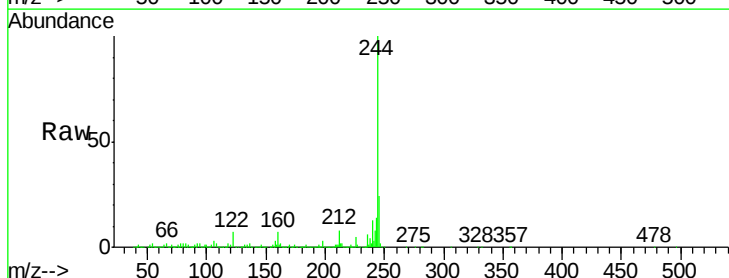
Tgt Ion:244 Resp: 2582647

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

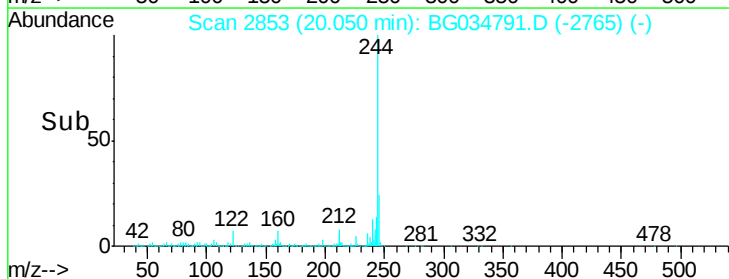
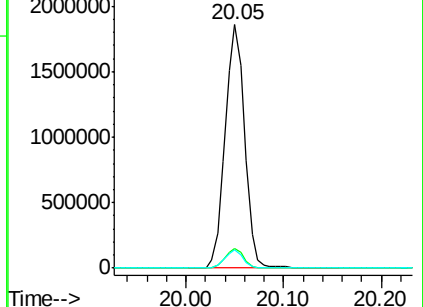
122 7.3 7.0 10.4

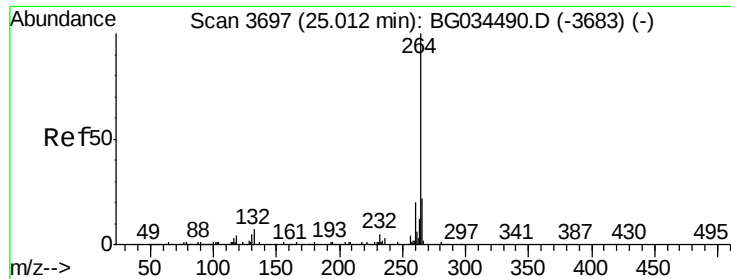


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

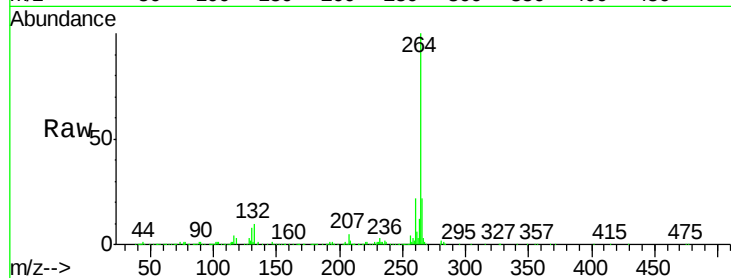
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.98 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG034791.D
Acq: 30 May 2018 00:05

Tot Ion:	264	Resp:	649413
Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	21.8	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

