

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
 Data File : BG034781.D
 Acq On : 29 May 2018 17:40
 Operator : SJ/JU
 Sample : J3164-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

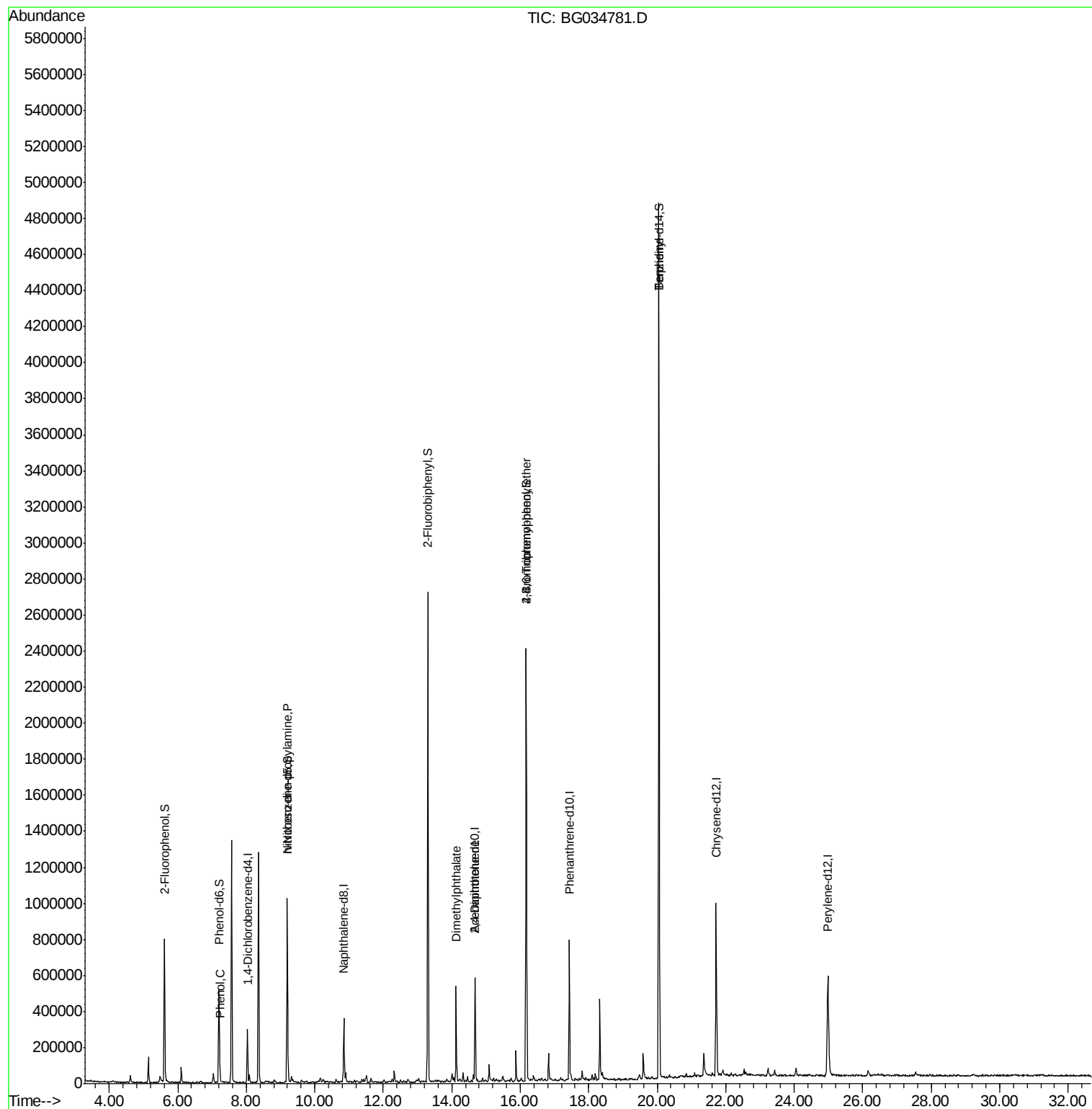
Quant Time: May 30 04:17:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 25 14:58:34 2018
 Response via : Initial Calibration

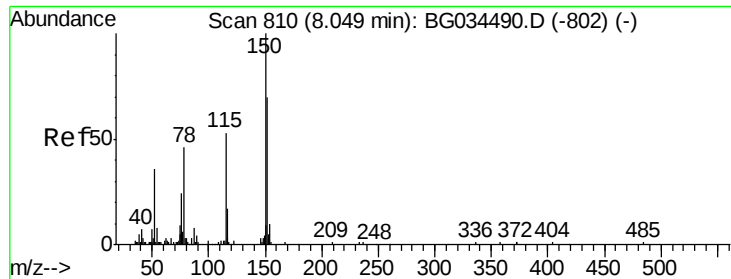
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	83581	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	308554	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	207741	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	529604	20.00	ng	0.00
75) Chrysene-d12	21.72	240	634845	20.00	ng	-0.01
86) Perylene-d12	24.98	264	671514	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	376777	69.43	ng	0.00
7) Phenol-d6	7.20	99	343664	39.15	ng	0.00
23) Nitrobenzene-d5	9.20	82	694768	86.02	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	520802	145.56	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1446174	94.51	ng	0.00
78) Terphenyl-d14	20.05	244	2484590	85.83	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.23	94	19588	2.24	ng	94
19) n-Nitroso-di-n-propylamine	9.20	70	94345	13.12	ng	# 66
49) Dimethylphthalate	14.13	163	340967	19.02	ng	98
56) 2,4-Dinitrotoluene	14.68	165	27764	5.09	ng	# 18
66) 4-Bromophenyl-phenylether	16.18	248	39285	5.64	ng	# 1
76) Benzidine	20.05	184	34870	5.28	ng	# 87

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

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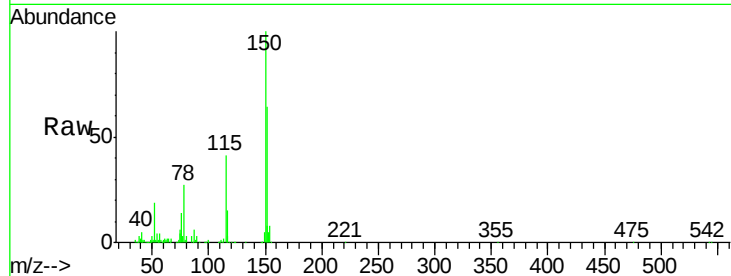




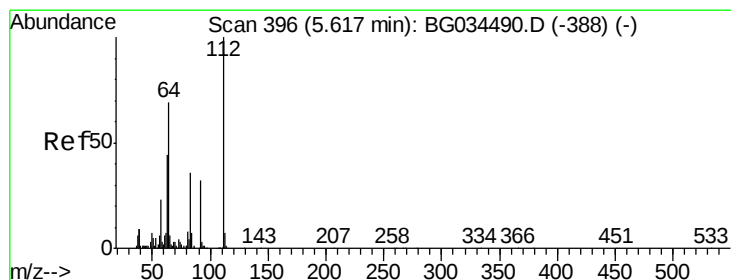
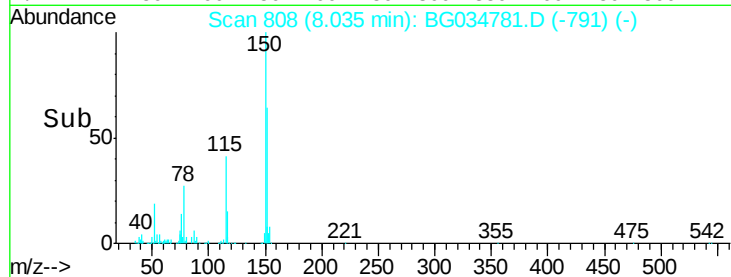
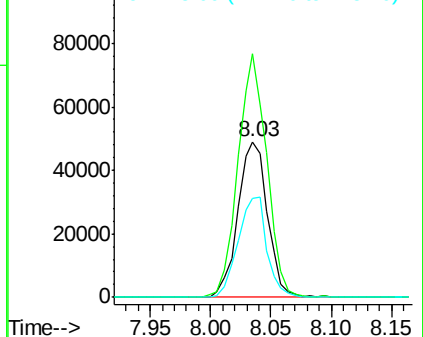
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 808
Delta R.T. 0.00 min
Lab File: BG034781.D
Acq: 29 May 2018 17:40

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.6	189.8
115	63.6	53.0	79.4



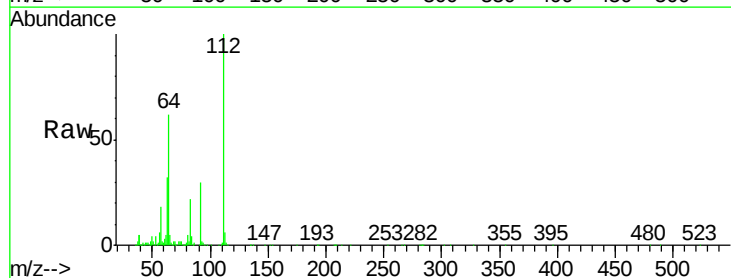
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



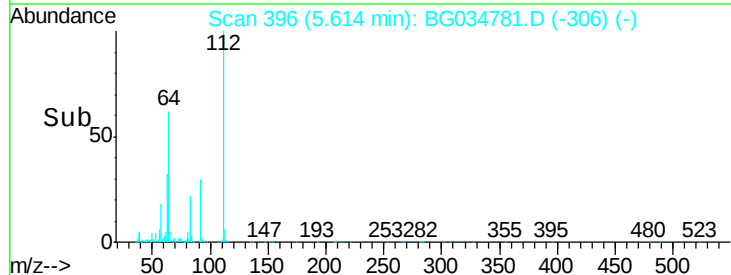
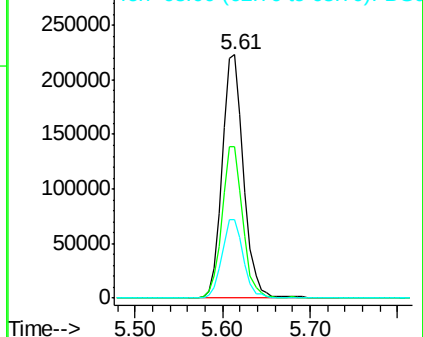
#5

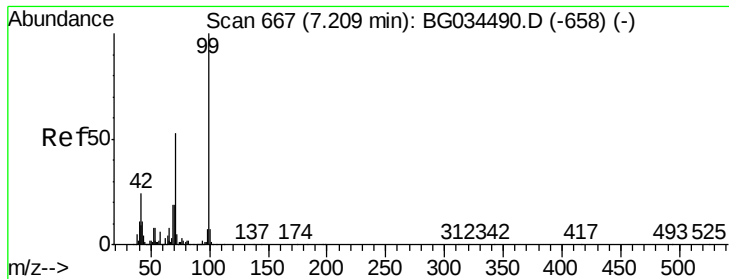
2-Fluorophenol
Concen: 69.43 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG034781.D
Acq: 29 May 2018 17:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	56.3	84.5
63	32.0	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: 39.15 ng

RT: 7.20 min Scan# 666

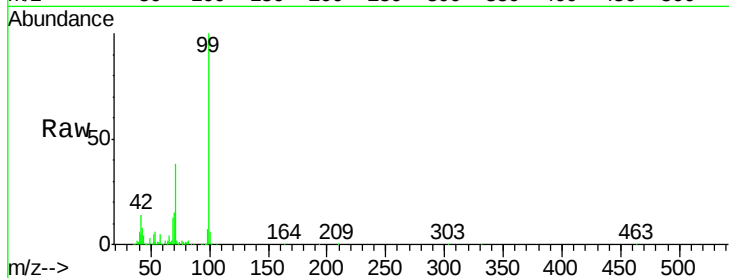
Delta R.T. -0.01 min

Lab File: BG034781.D

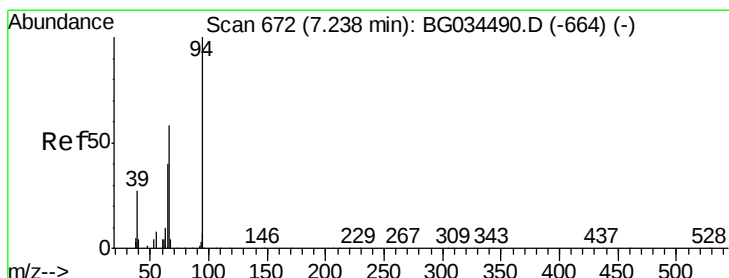
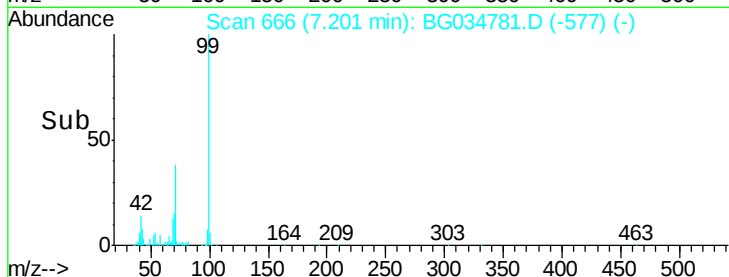
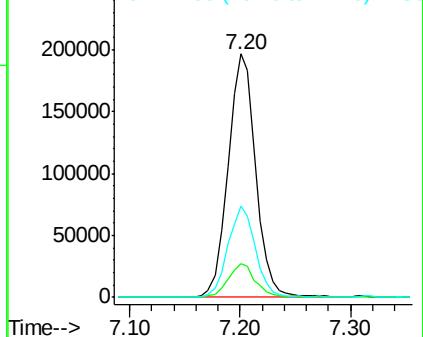
Acq: 29 May 2018 17:40

Tot Ion: 99 Resp: 343664

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.1	21.1#
71	37.6	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



#10

Phenol

Concen: 2.24 ng

RT: 7.23 min Scan# 671

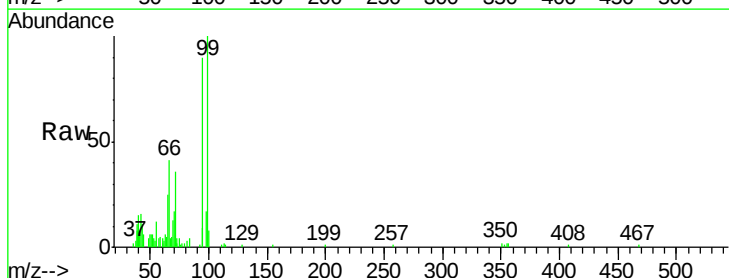
Delta R.T. -0.01 min

Lab File: BG034781.D

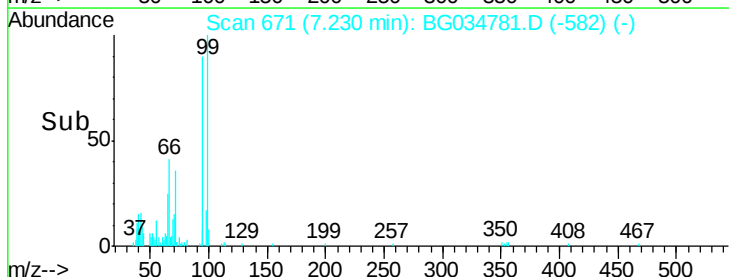
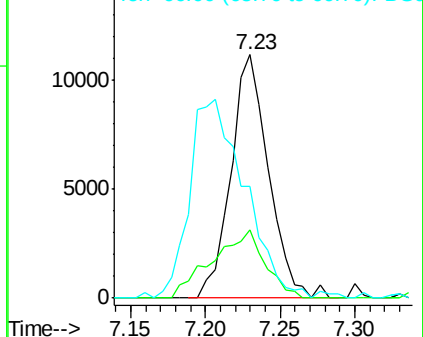
Acq: 29 May 2018 17:40

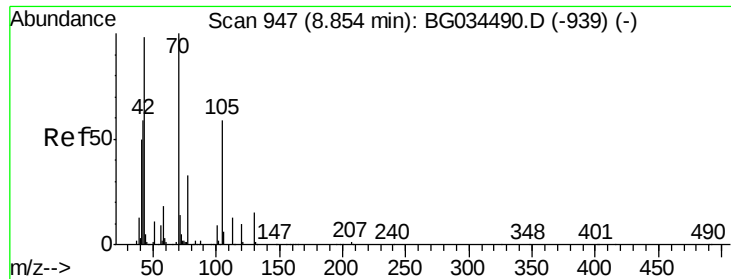
Tgt Ion: 94 Resp: 19588

Ion	Ratio	Lower	Upper
94	100		
65	28.0	11.9	51.9
66	45.9	22.2	62.2



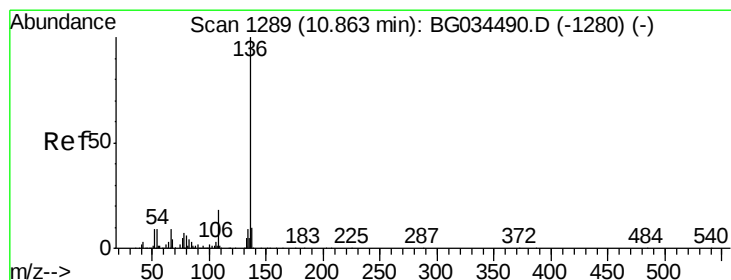
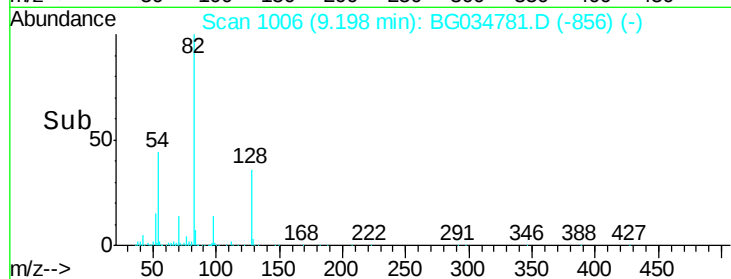
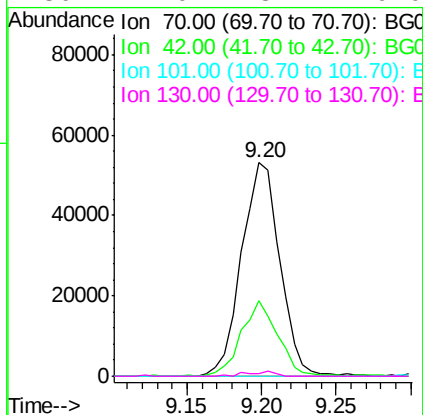
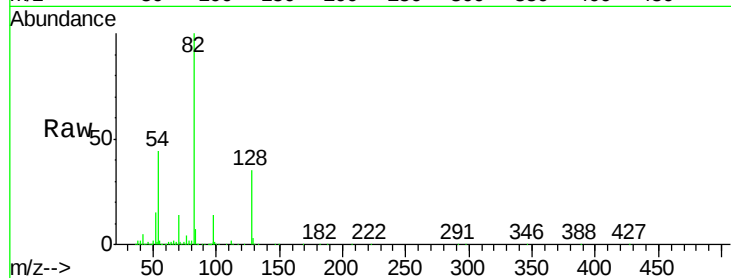
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





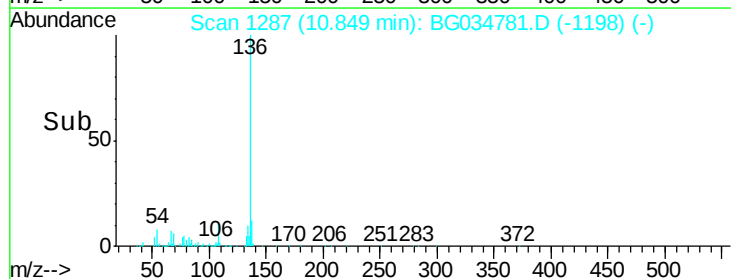
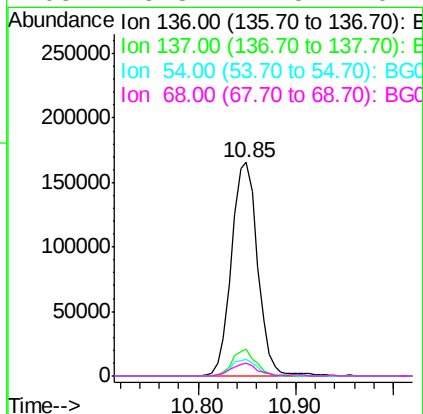
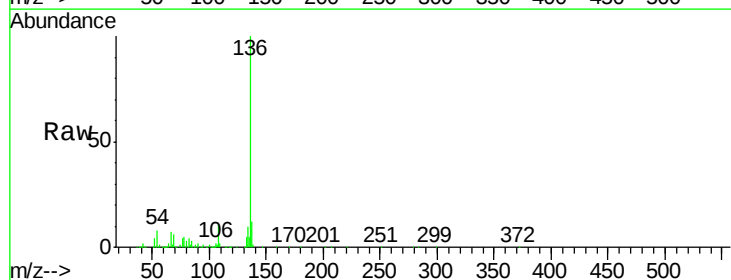
#19
 n-Nitroso-di-n-propylamine
 Concen: 13.12 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. 0.35 min
 Lab File: BG034781.D
 Acq: 29 May 2018 17:40

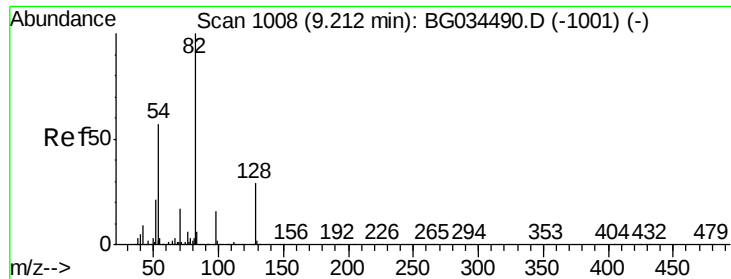
Tot Ion	Ratio	Lower	Upper
70	100		
42	35.6	49.1	73.7#
101	0.0	8.5	12.7#
130	1.0	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.85 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BG034781.D
 Acq: 29 May 2018 17:40

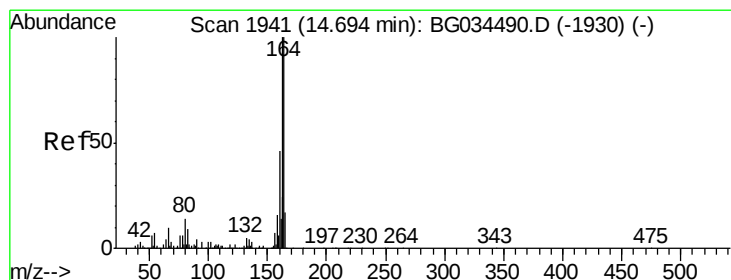
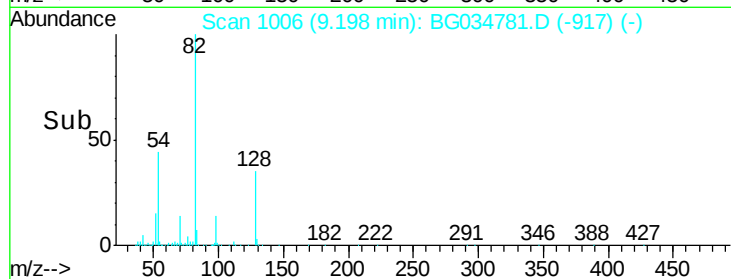
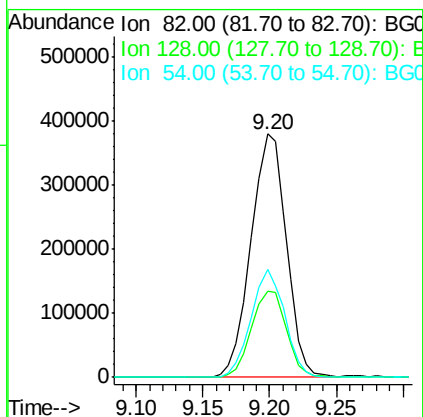
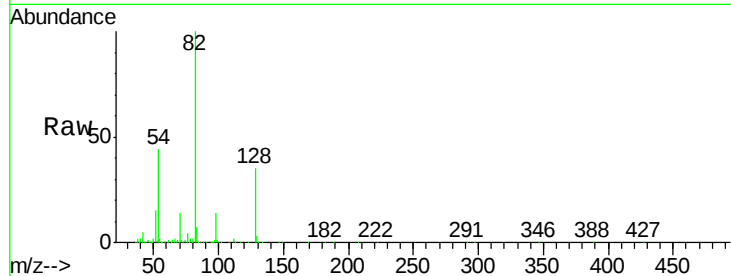
Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	8.1	10.3	15.5#
68	5.8	4.5	6.7





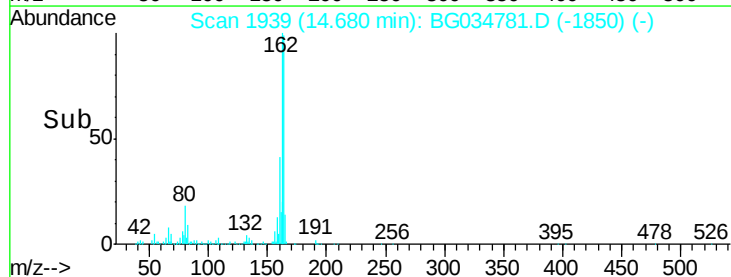
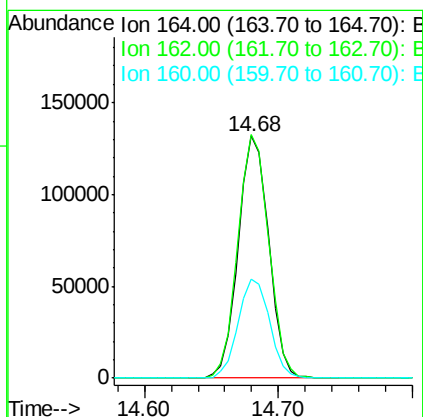
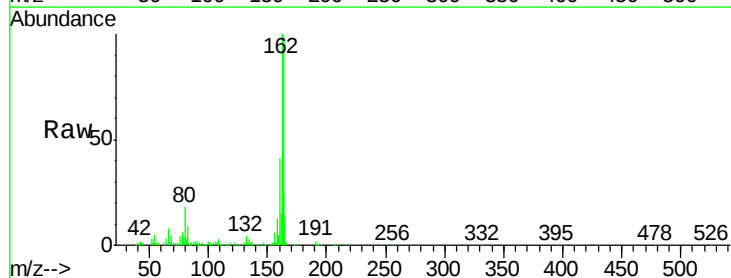
#23
 Nitrobenzene-d5
 Concen: 86.02 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG034781.D
 Acq: 29 May 2018 17:40

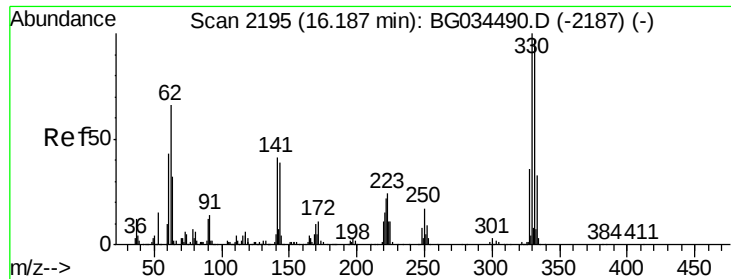
Tot Ion	82	Resp	694768
Ion Ratio	Lower	Upper	
82	100		
128	35.5	29.7	44.5
54	44.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG034781.D
 Acq: 29 May 2018 17:40

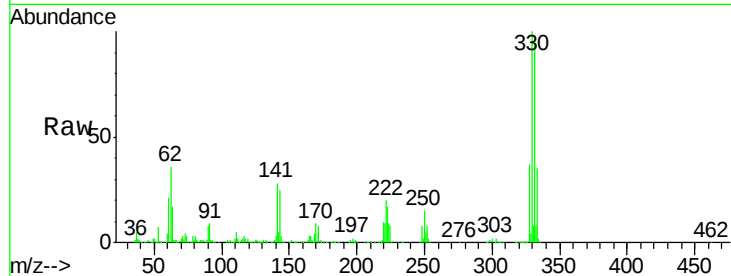
Tgt Ion	164	Resp	207741
Ion Ratio	Lower	Upper	
164	100		
162	100.6	78.8	118.2
160	40.9	35.4	53.0



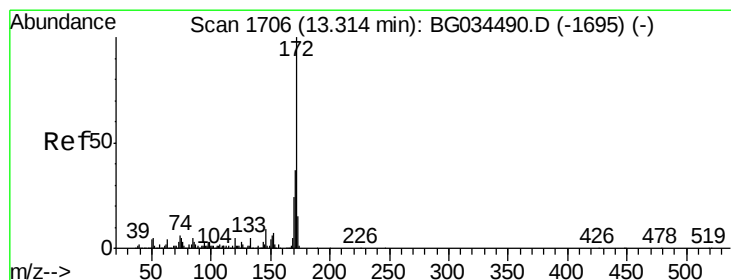
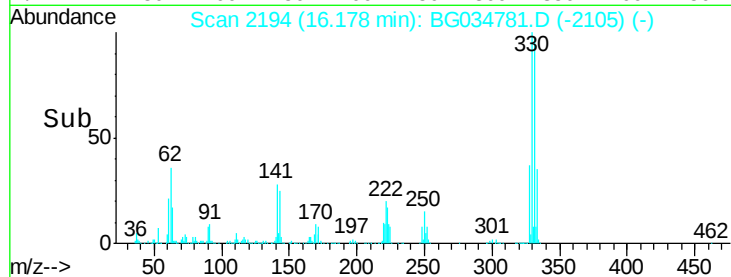
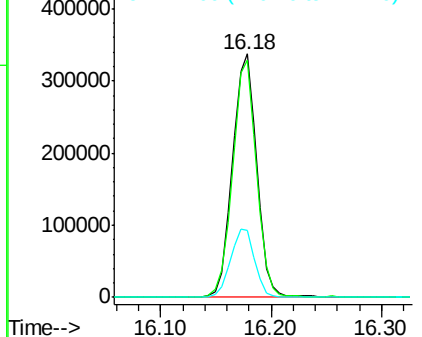


#41
 2,4,6-Tribromophenol
 Concen: 145.56 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG034781.D
 Acq: 29 May 2018 17:40

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	28.1	25.2	37.8

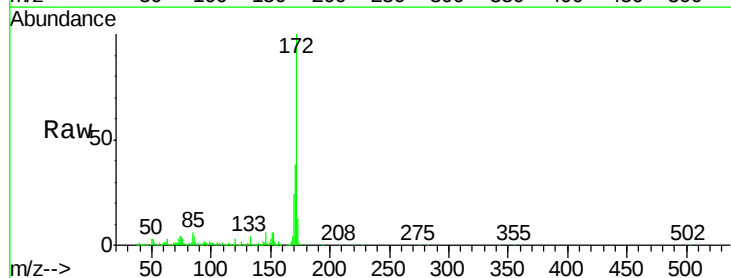


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

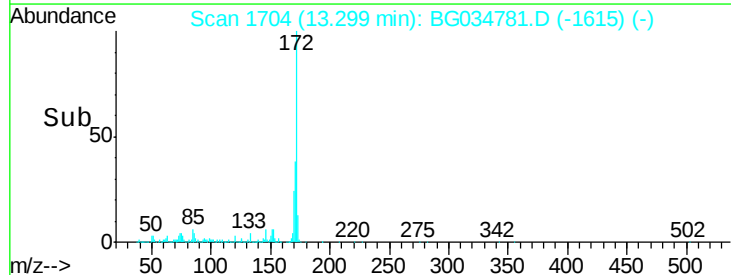
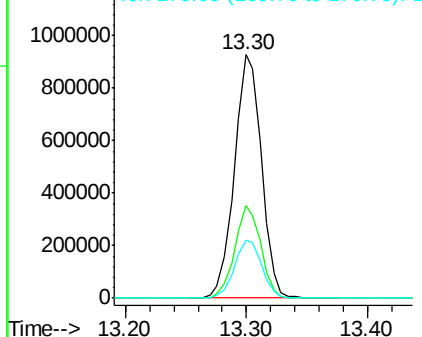


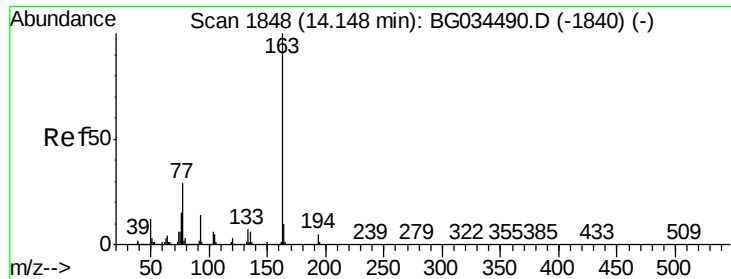
#44
 2-Fluorobiphenyl
 Concen: 94.51 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG034781.D
 Acq: 29 May 2018 17:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.8	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





#49

Dimethylphthalate

Concen: 19.02 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG034781.D

Acq: 29 May 2018 17:40

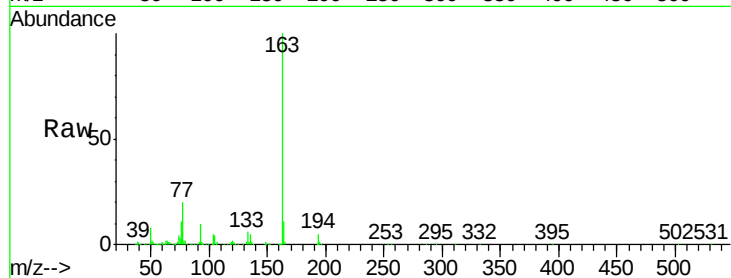
Tot Ion:163 Resp: 340967

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

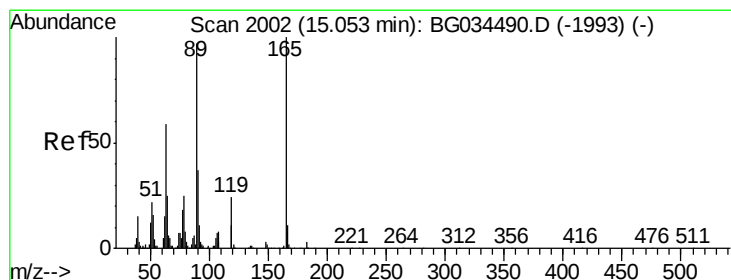
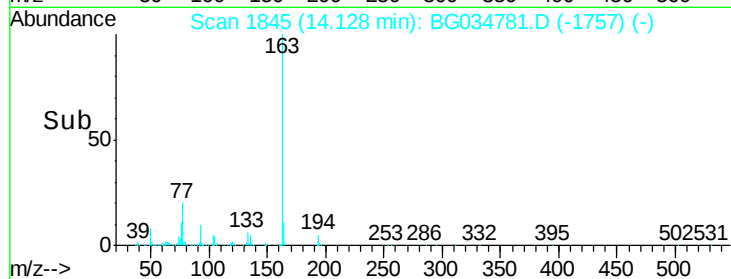
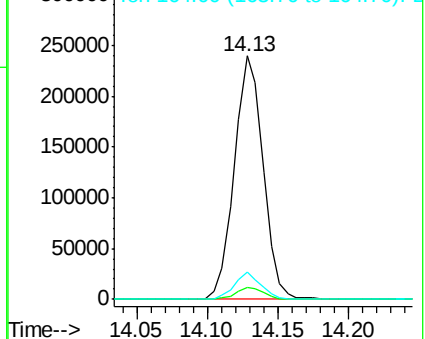
164 11.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.09 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.37 min

Lab File: BG034781.D

Acq: 29 May 2018 17:40

Tgt Ion:165 Resp: 27764

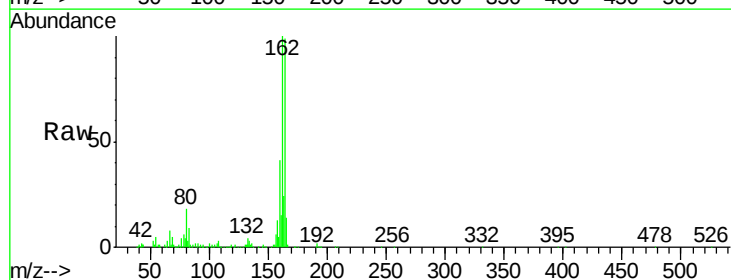
Ion Ratio Lower Upper

165 100

63 0.9 42.0 63.0#

89 1.7 66.9 100.3#

182 0.0 2.6 3.8#

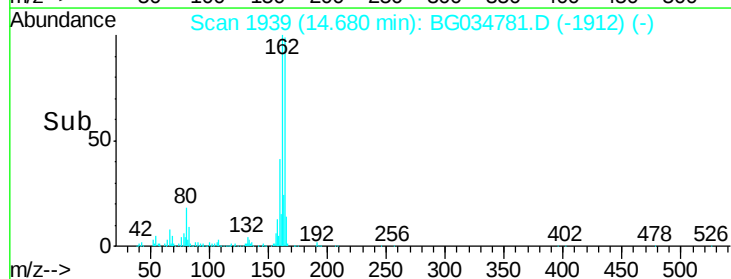
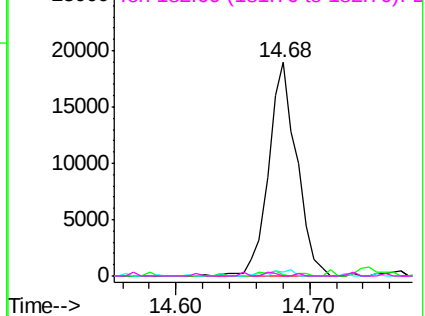


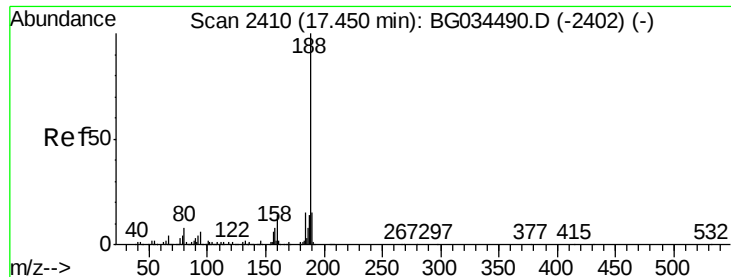
Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.01 min

Lab File: BG034781.D

Acq: 29 May 2018 17:40

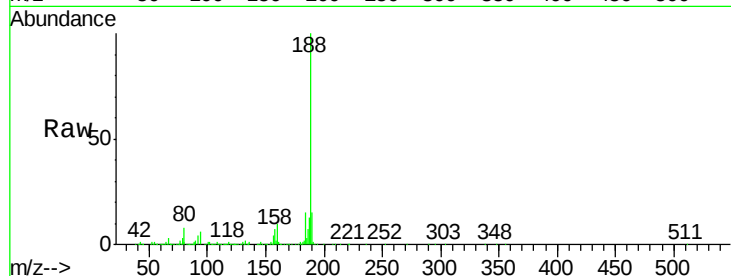
Tot Ion:188 Resp: 529604

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

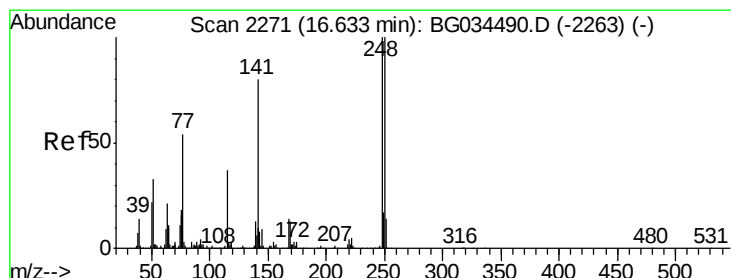
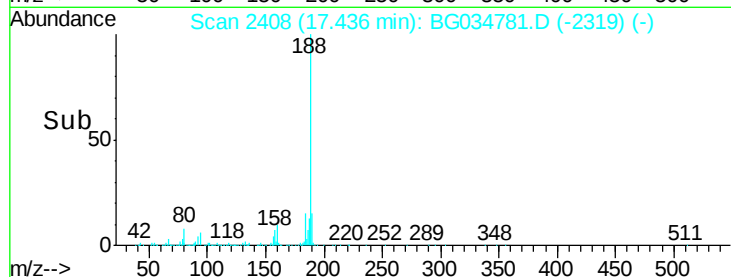
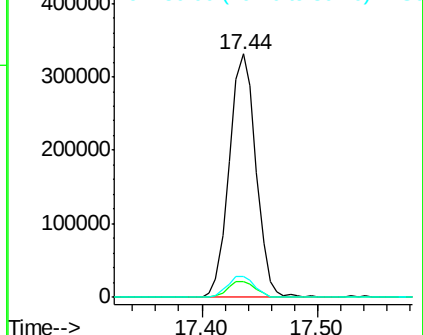
80 8.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#66

4-Bromophenyl-phenylether

Concen: 5.64 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.45 min

Lab File: BG034781.D

Acq: 29 May 2018 17:40

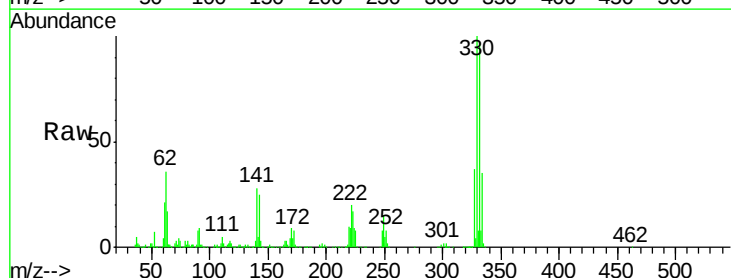
Tgt Ion:248 Resp: 39285

Ion Ratio Lower Upper

248 100

250 193.6 77.1 115.7#

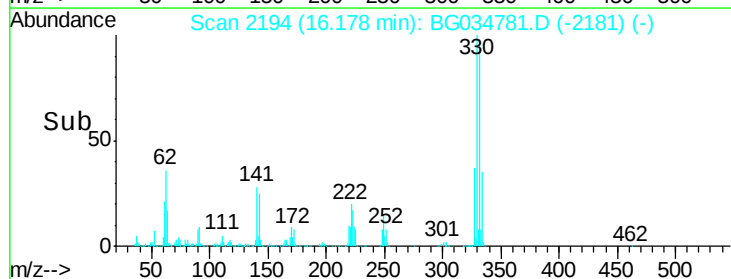
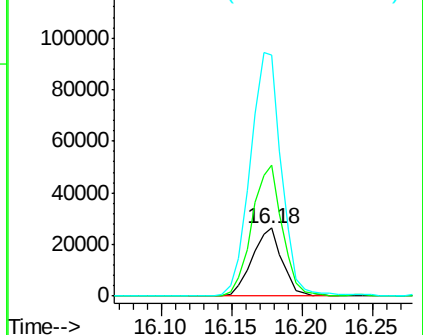
141 354.2 50.8 76.2#

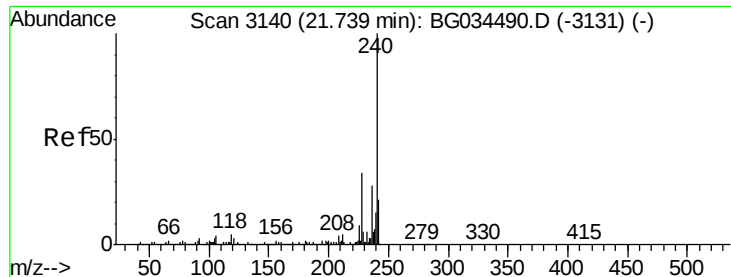


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG034781.D

Acq: 29 May 2018 17:40

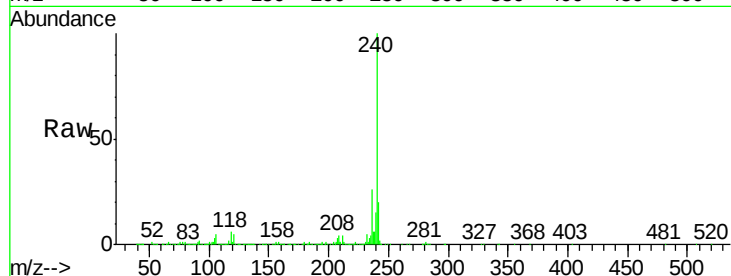
Tot Ion:240 Resp: 634845

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

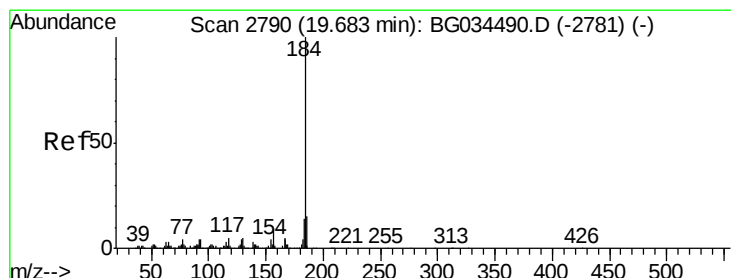
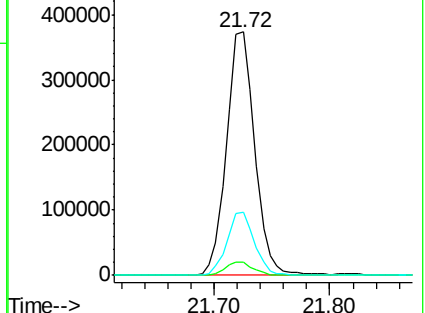
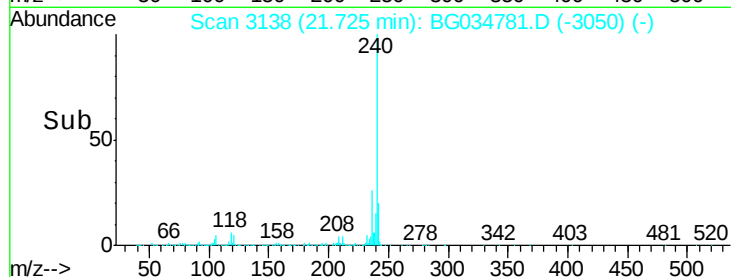
236 26.1 20.9 31.3



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: 5.28 ng

RT: 20.05 min Scan# 2853

Delta R.T. 0.37 min

Lab File: BG034781.D

Acq: 29 May 2018 17:40

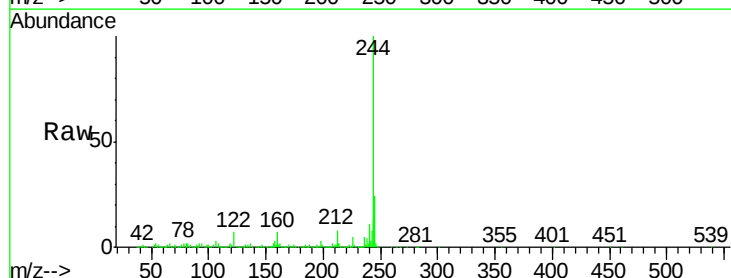
Tgt Ion:184 Resp: 34870

Ion Ratio Lower Upper

184 100

185 22.3 11.1 16.7#

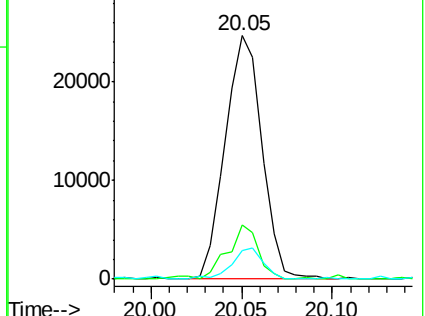
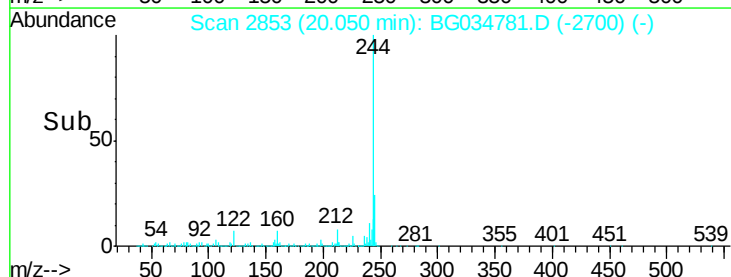
183 11.5 10.6 16.0

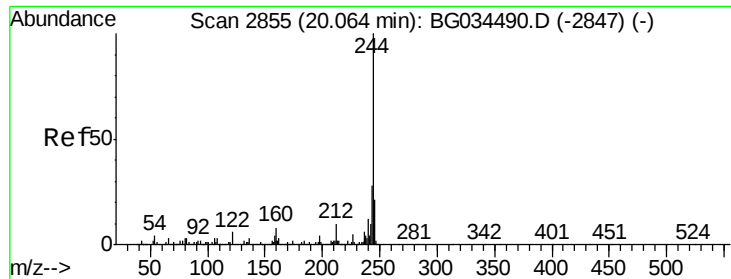


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

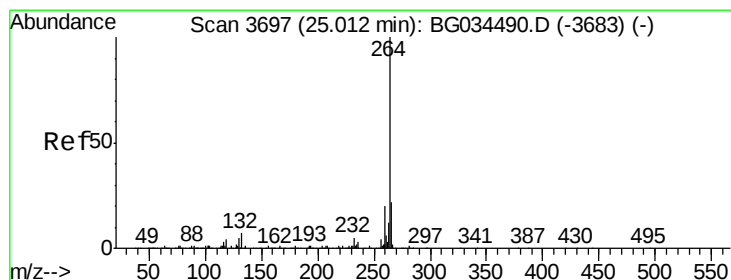
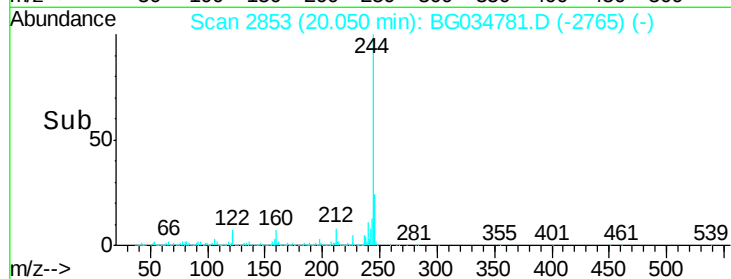
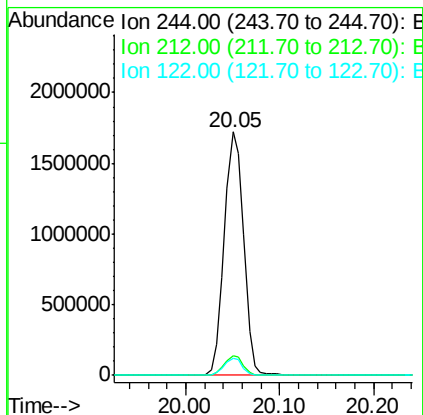
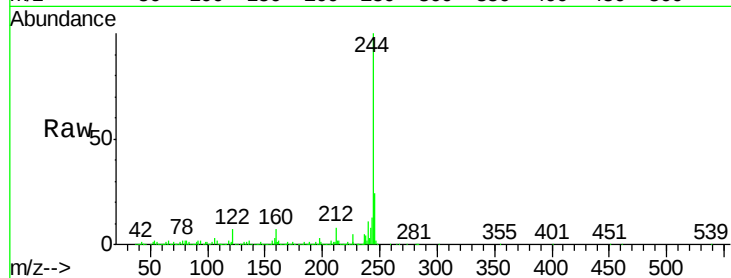
Ion 183.00 (182.70 to 183.70): E





#78
 Terphenyl-d14
 Concen: 85.83 ng
 RT: 20.05 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BG034781.D
 Acq: 29 May 2018 17:40

Tot Ion:244 Resp: 2484590
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.8
 122 7.2 7.0 10.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.98 min Scan# 3692
 Delta R.T. -0.02 min
 Lab File: BG034781.D
 Acq: 29 May 2018 17:40

Tgt Ion:264 Resp: 671514
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.4 26.0
 265 22.3 17.7 26.5

