

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

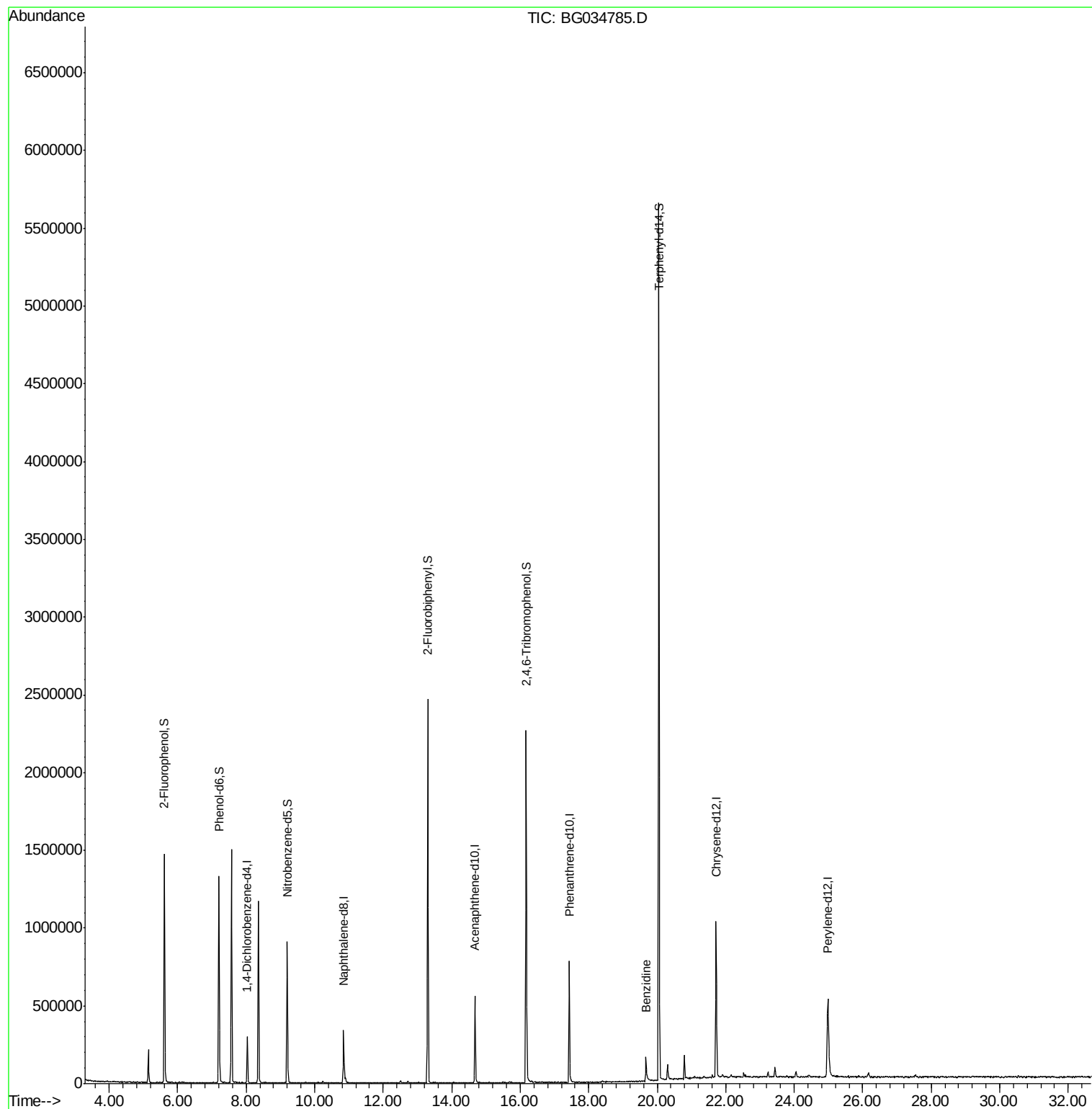
Quant Time: May 30 04:47:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 25 14:58:34 2018
 Response via : Initial Calibration

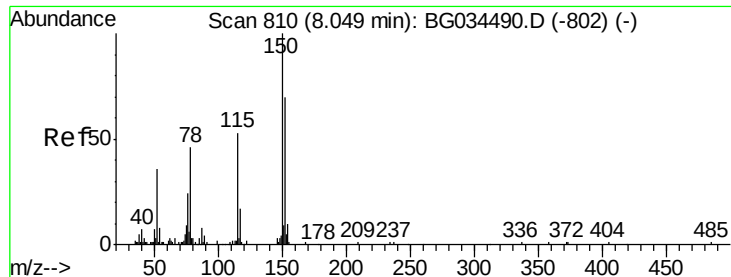
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	82775	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	294808	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	192213	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	529236	20.00	ng	0.00
75) Chrysene-d12	21.72	240	667667	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						
76) Benzidine	19.67	184	142784	10.640	ng	Qvalue 96

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

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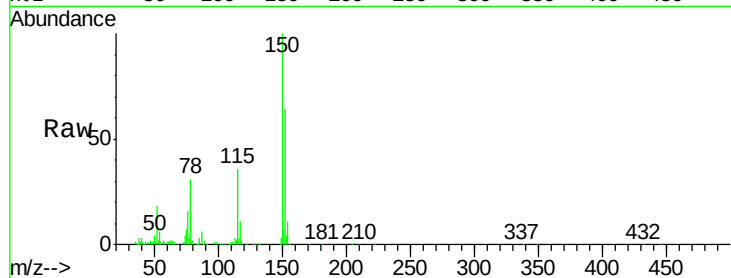




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 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	152	Resp	82775
Ion Ratio	Lower	Upper	
152	100		
150	157.4	126.6	189.8
115	57.3	53.0	79.4

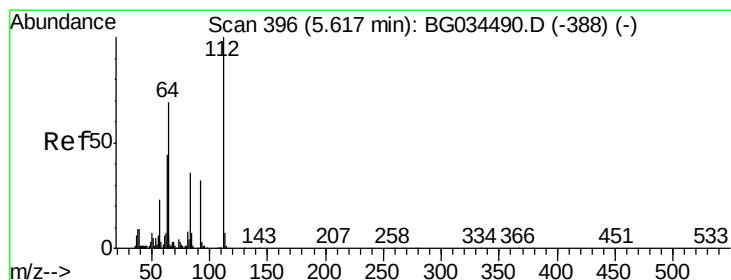
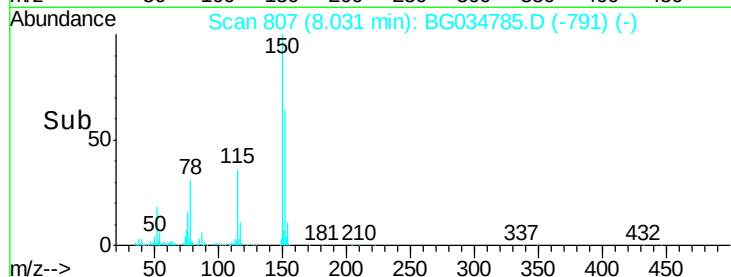
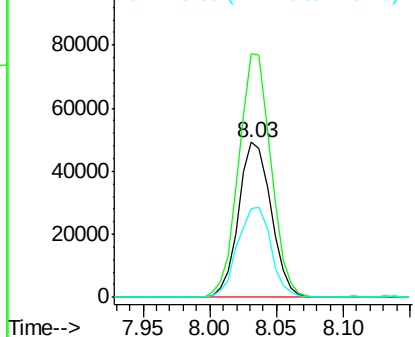


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

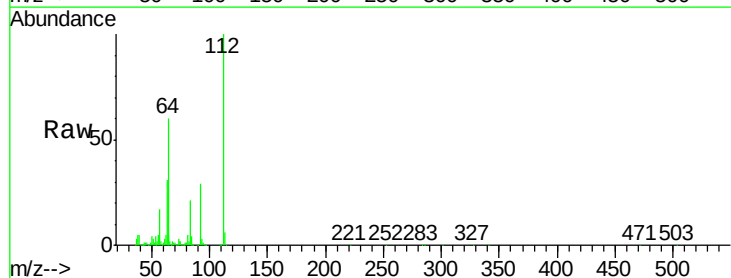
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.015 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	112	Resp	677230
Ion Ratio	Lower	Upper	
112	100		
64	60.1	56.3	84.5
63	30.9	30.1	45.1

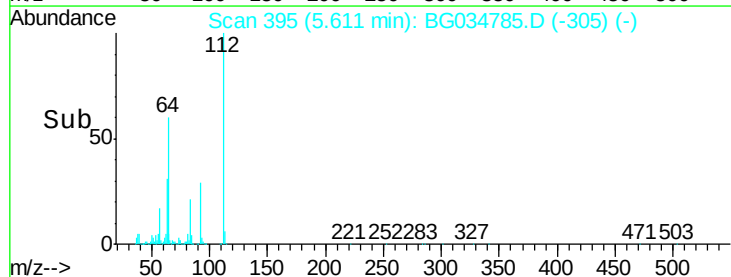
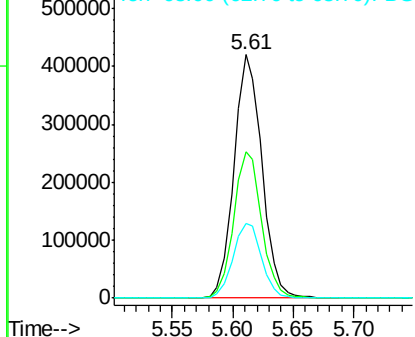


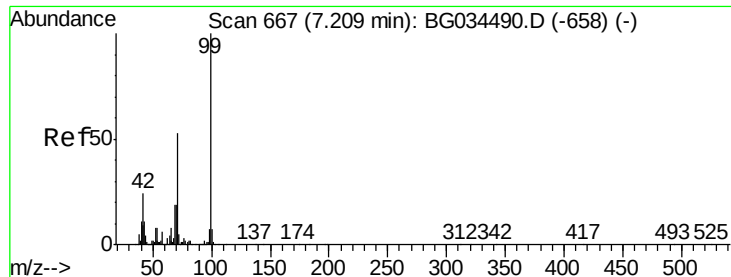
Abundance

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: 97.732 ng

RT: 7.20 min Scan# 666

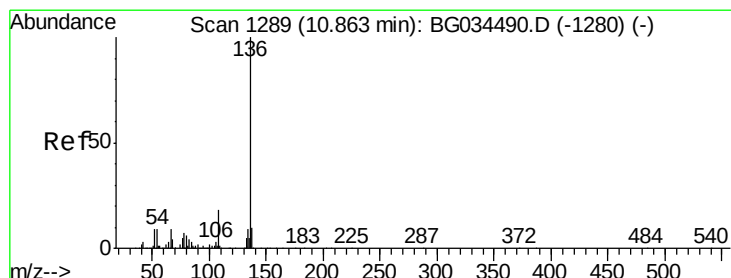
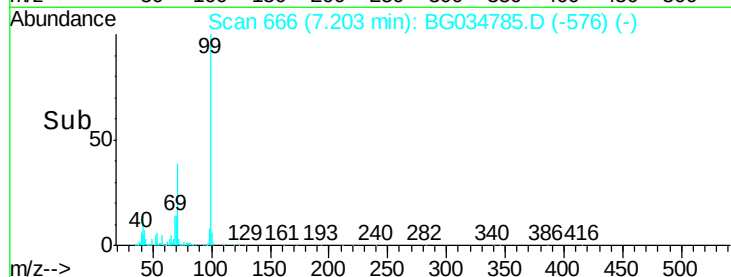
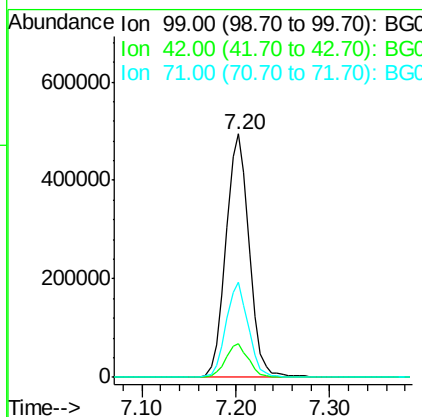
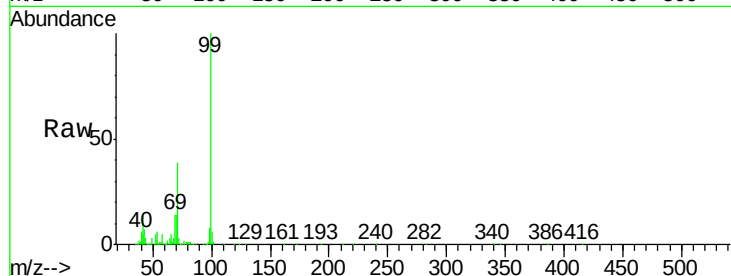
Delta R.T. -0.00 min

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1286

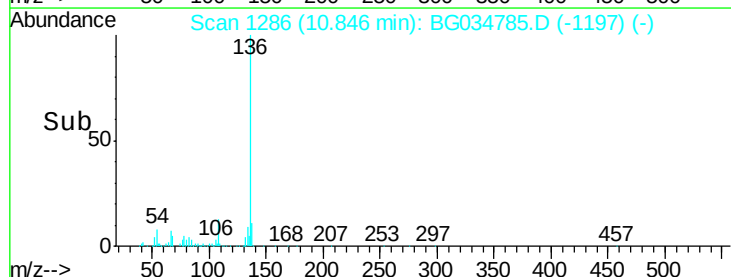
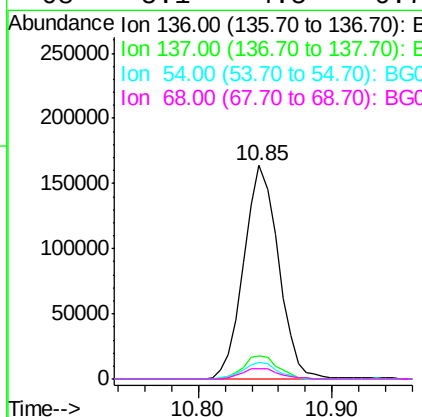
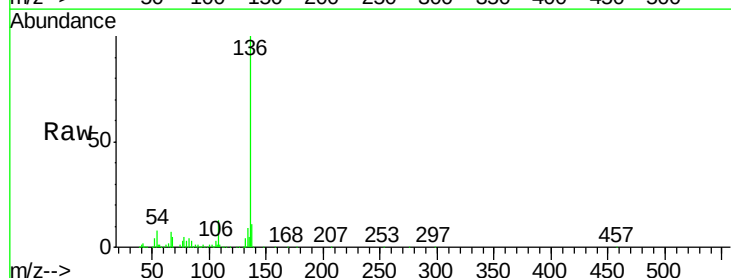
Delta R.T. -0.01 min

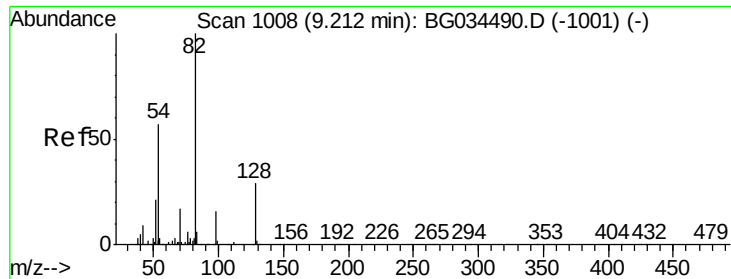
Lab File: BG034785.D

Acq: 29 May 2018 20:14

Tgt Ion: 136 Resp: 294808

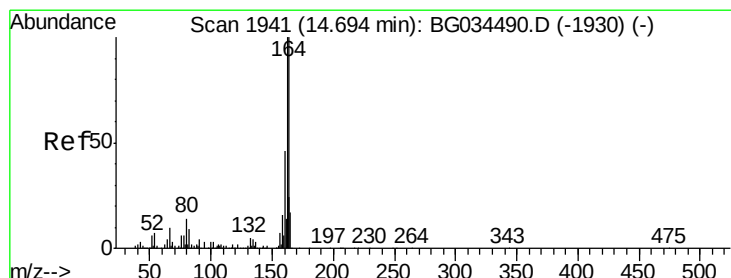
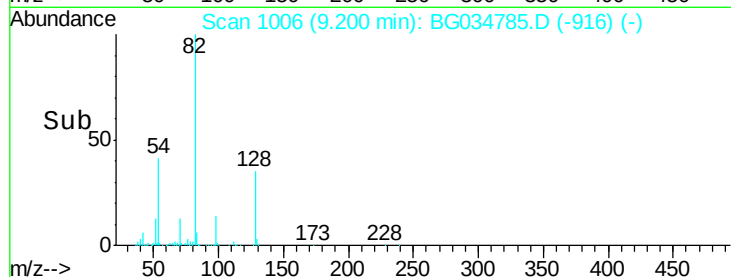
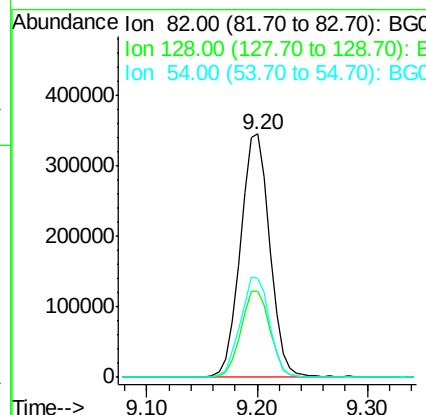
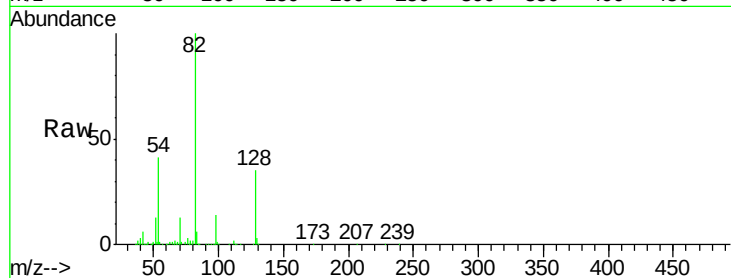
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.7	10.3	15.5#
68	5.1	4.5	6.7





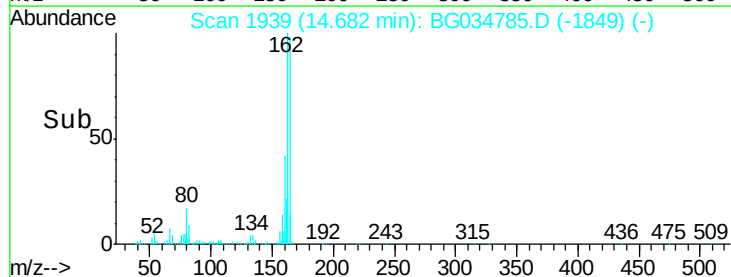
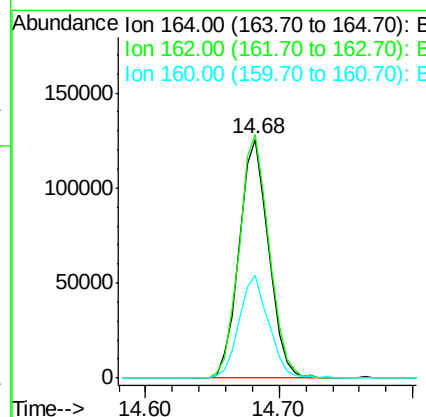
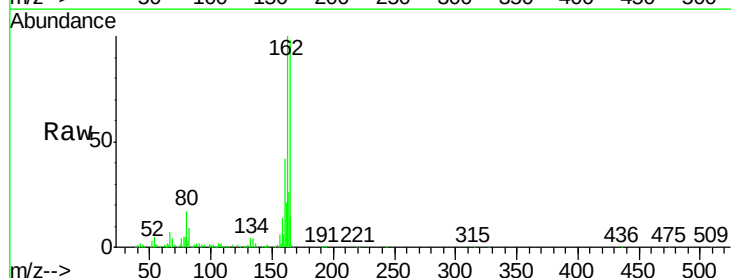
#23
 Nitrobenzene-d5
 Concen: 83.758 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BG034785.D
 Acq: 29 May 2018 20:14

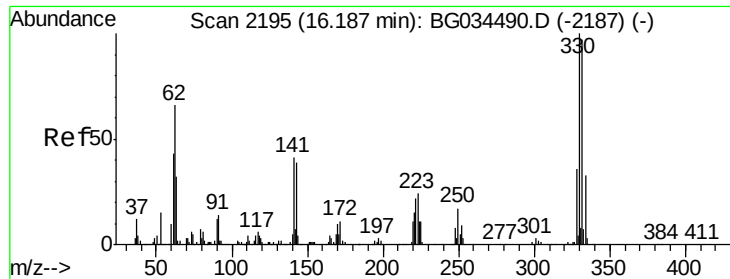
Tot Ion	82	Resp	646396
Ion Ratio	Lower	Upper	
82	100		
128	35.3	29.7	44.5
54	40.9	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG034785.D
 Acq: 29 May 2018 20:14

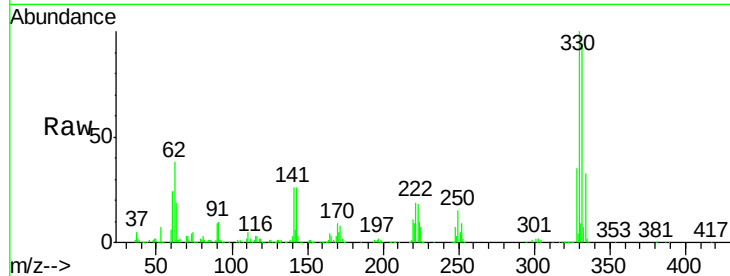
Tgt Ion	164	Resp	192213
Ion Ratio	Lower	Upper	
164	100		
162	102.0	78.8	118.2
160	43.1	35.4	53.0



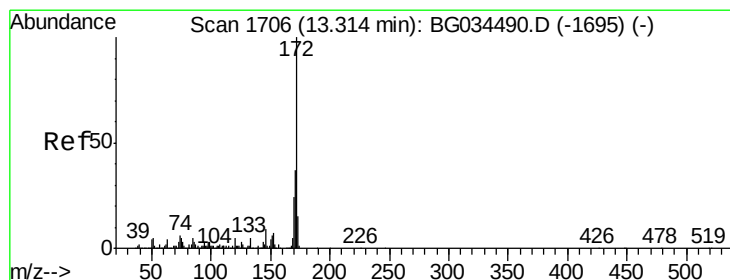
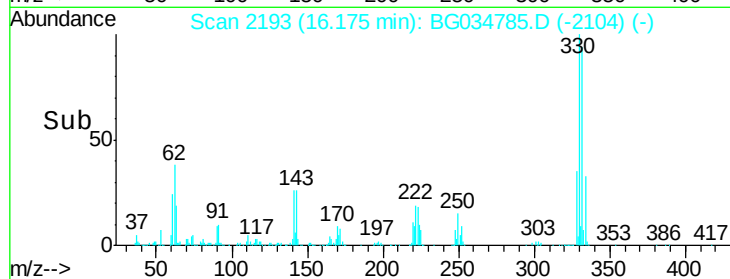
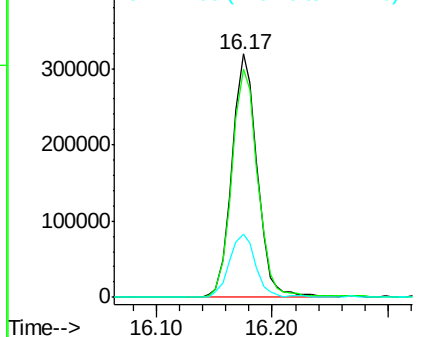


#41
 2,4,6-Tribromophenol
 Concen: 146.024 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG034785.D
 Acq: 29 May 2018 20:14

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	26.9	25.2	37.8

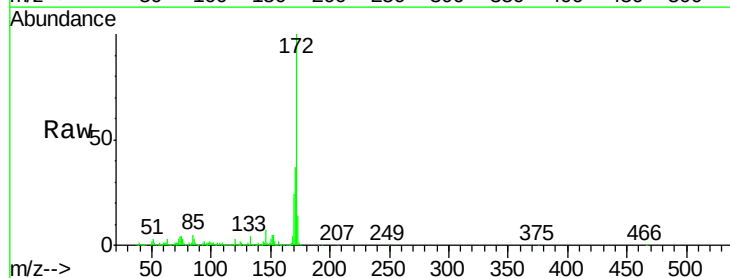


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

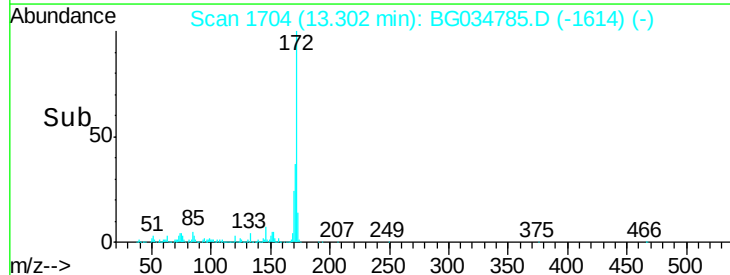
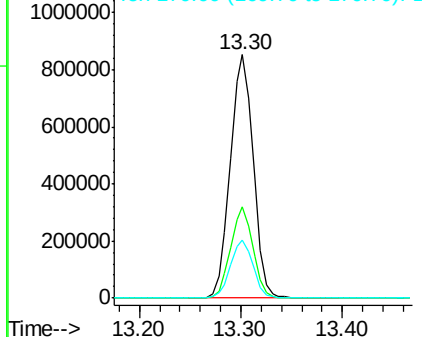


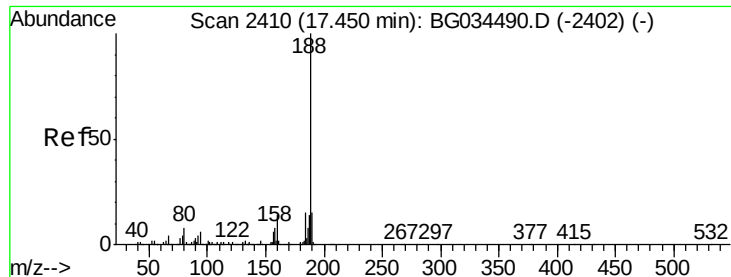
#44
 2-Fluorobiphenyl
 Concen: 94.634 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG034785.D
 Acq: 29 May 2018 20:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG034785.D

Acq: 29 May 2018 20:14

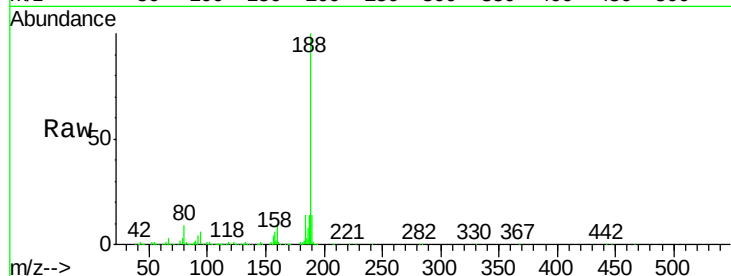
Tot Ion:188 Resp: 529236

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

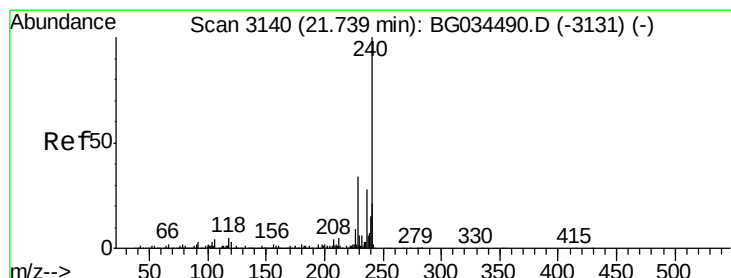
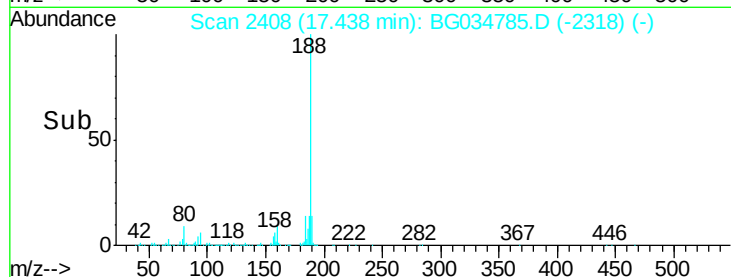
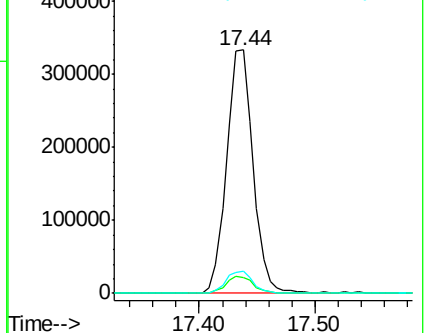
80 9.0 7.7 11.5



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG034785.D

Acq: 29 May 2018 20:14

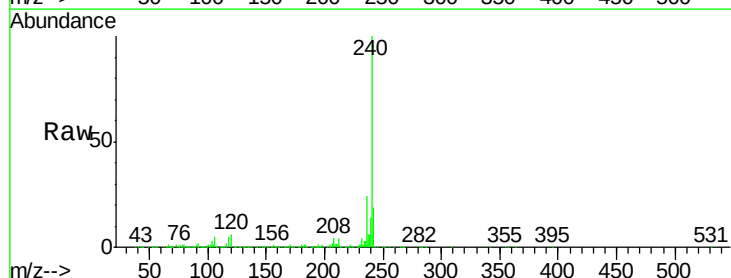
Tgt Ion:240 Resp: 667667

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

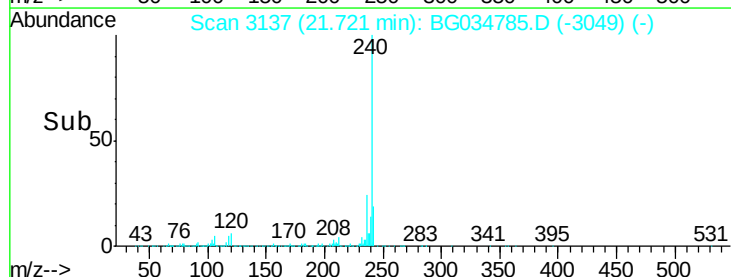
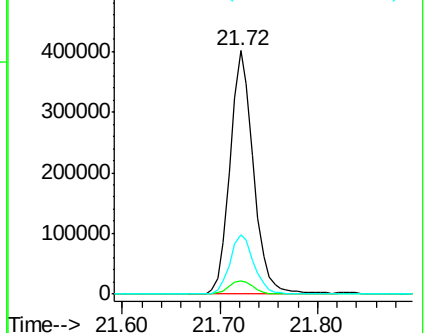
236 24.2 20.9 31.3

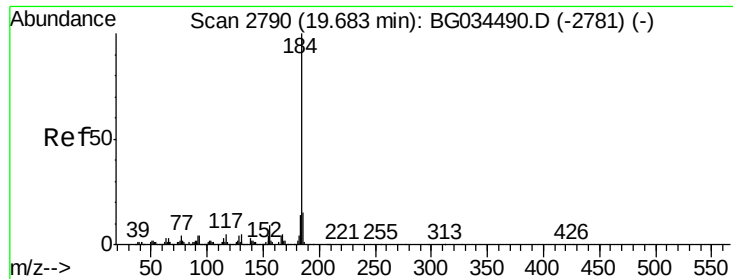


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 10.640 ng

RT: 19.67 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG034785.D

Acq: 29 May 2018 20:14

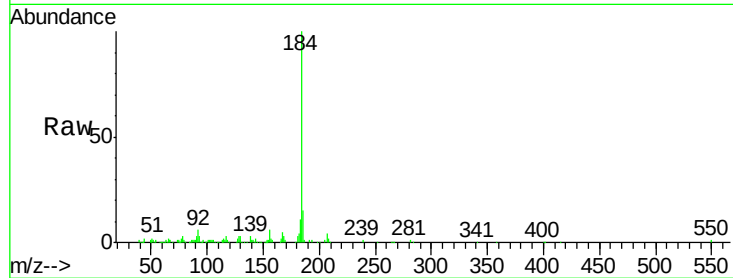
Tot Ion:184 Resp: 142784

Ion Ratio Lower Upper

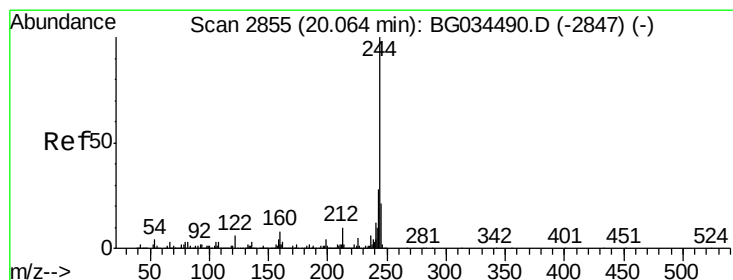
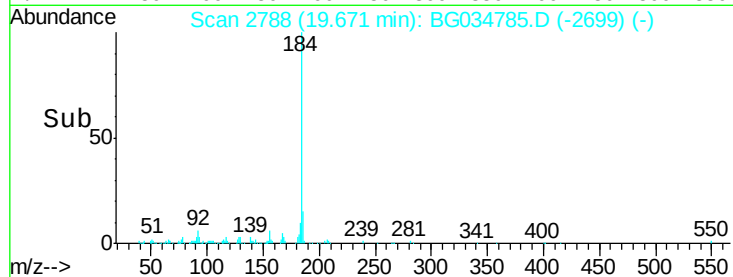
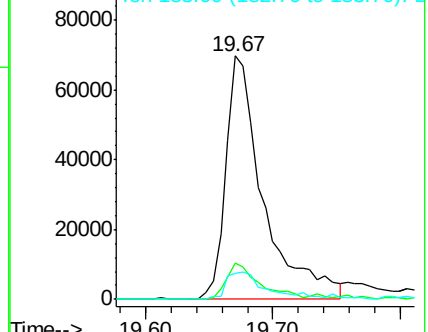
184 100

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: 91.039 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG034785.D

Acq: 29 May 2018 20:14

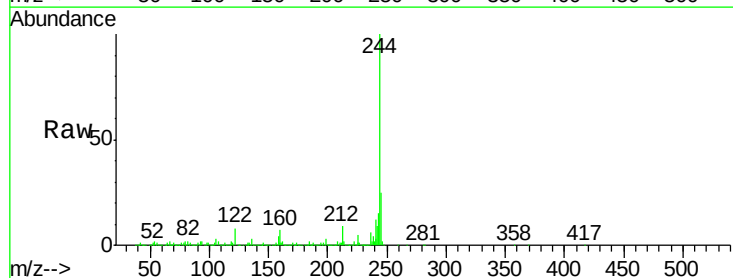
Tgt Ion:244 Resp: 2771784

Ion Ratio Lower Upper

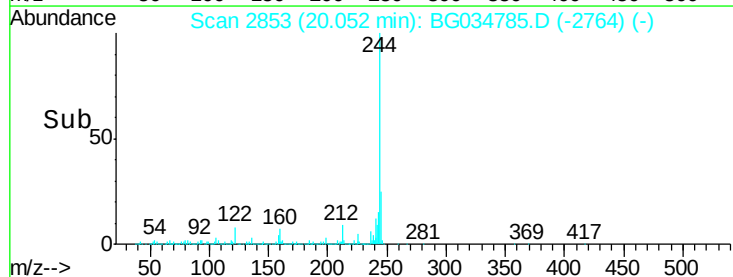
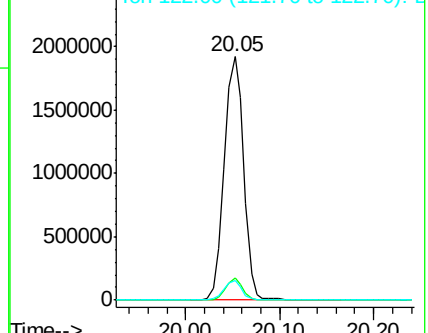
244 100

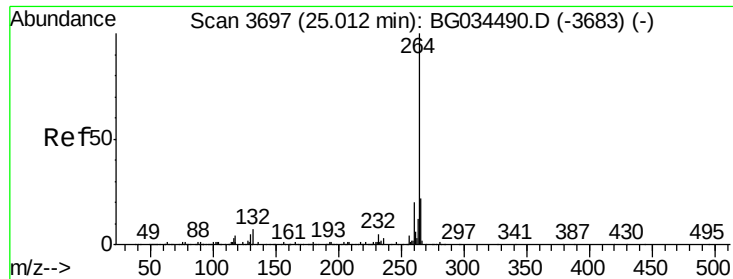
212 9.0 5.8 8.8#

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: 20.000 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

