

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
 Data File : BG034793.D
 Acq On : 30 May 2018 1:22
 Operator : SJ/JU
 Sample : J3177-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

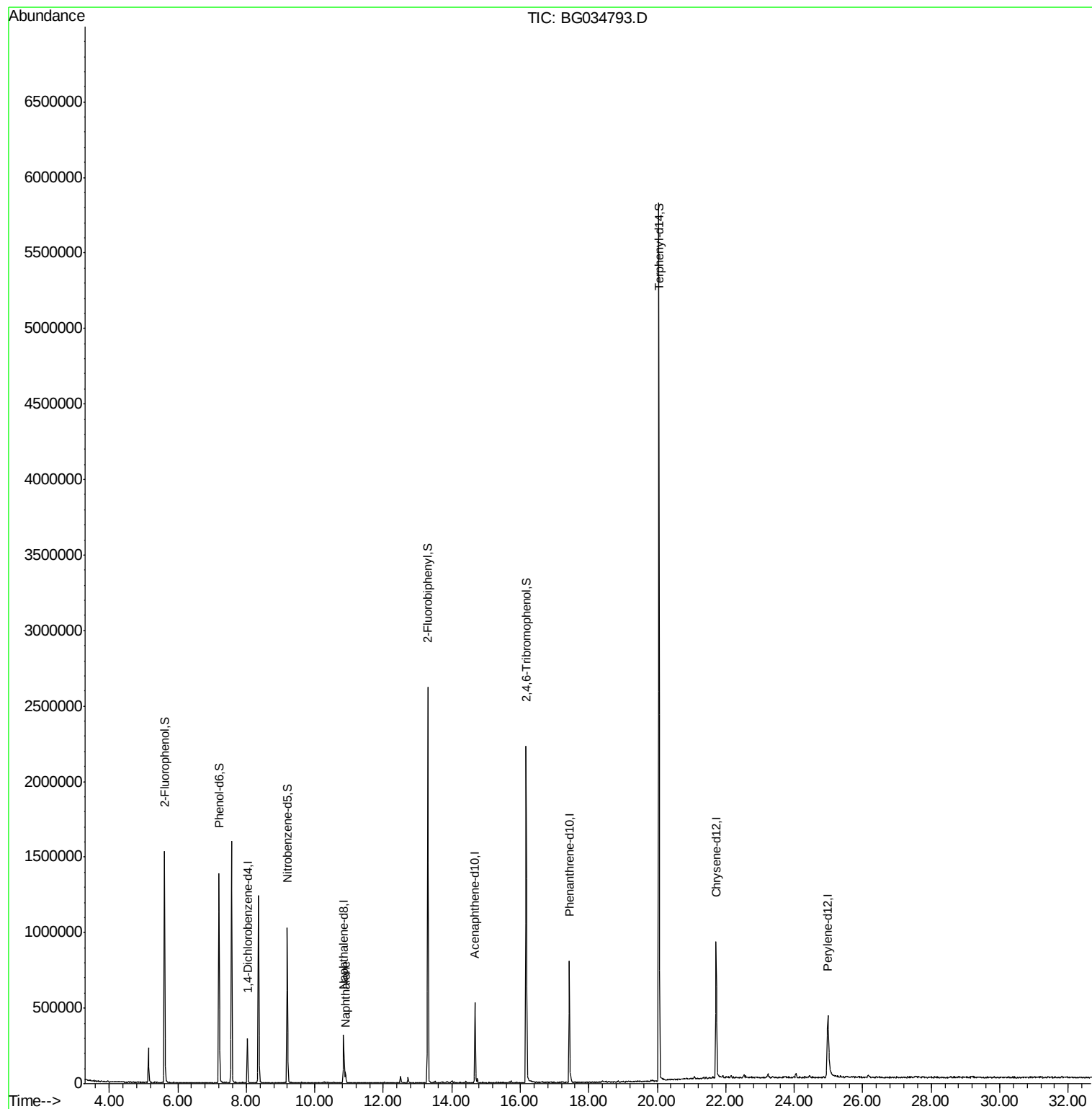
Quant Time: May 30 04:59:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 25 14:58:34 2018
 Response via : Initial Calibration

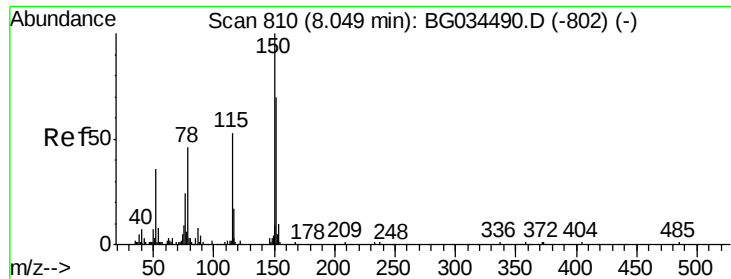
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	79431	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	286106	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	192368	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	528340	20.00	ng	0.00
75) Chrysene-d12	21.72	240	635900	20.00	ng	-0.02
86) Perylene-d12	24.99	264	604768	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	717246	139.08	ng	0.00
7) Phenol-d6	7.20	99	891820	106.90	ng	0.00
23) Nitrobenzene-d5	9.20	82	683083	91.20	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	507683	153.24	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1443614	101.88	ng	0.00
78) Terphenyl-d14	20.05	244	2891496	99.72	ng	-0.01
Target Compounds						
31) Naphthalene	10.90	128	59962	4.031	ng	Qvalue 99

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
Data File : BG034793.D
Acq On : 30 May 2018 1:22
Operator : SJ/JU
Sample : J3177-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 30 04:59:35 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: 20.000 ng

RT: 8.03 min Scan# 808

Delta R.T. 0.00 min

Lab File: BG034793.D

Acq: 30 May 2018 1:22

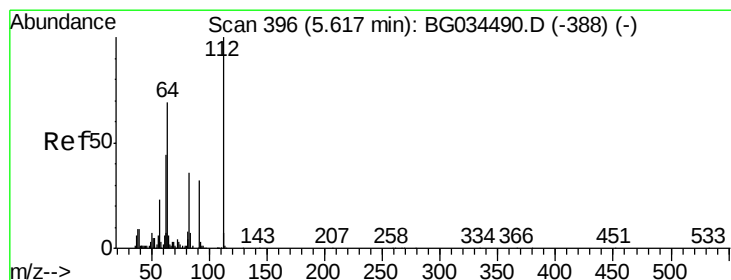
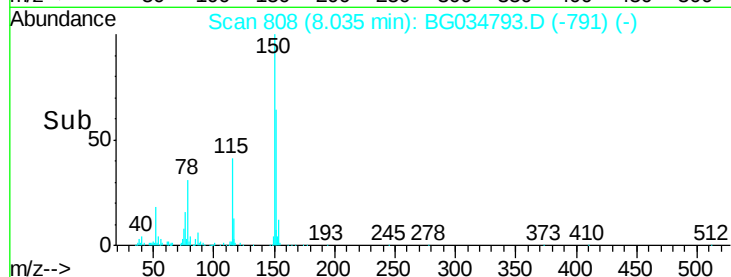
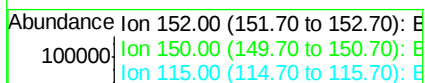
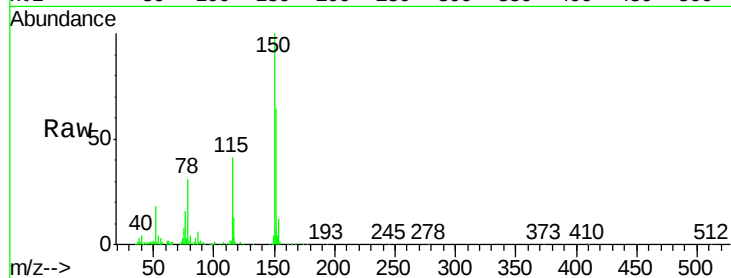
Tot Ion:152 Resp: 79431

Ion Ratio Lower Upper

152 100

150 156.5 126.6 189.8

115 64.5 53.0 79.4



#5

2-Fluorophenol

Concen: 139.080 ng

RT: 5.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG034793.D

Acq: 30 May 2018 1:22

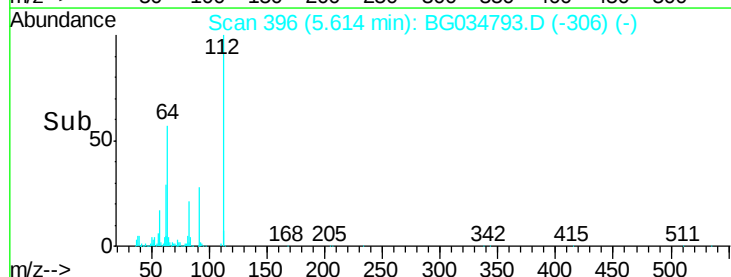
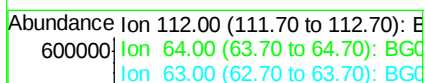
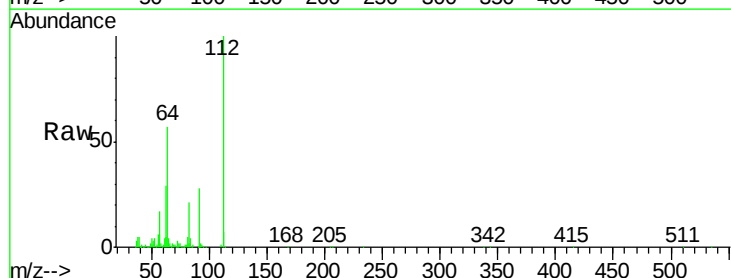
Tgt Ion:112 Resp: 717246

Ion Ratio Lower Upper

112 100

64 57.2 56.3 84.5

63 29.3 30.1 45.1#





#7

Phenol-d6

Concen: 106.900 ng

RT: 7.20 min Scan# 666

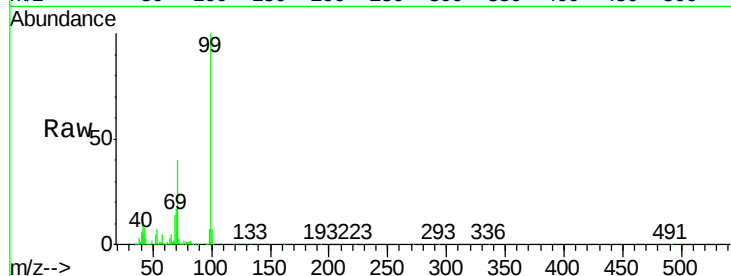
Delta R.T. -0.01 min

Lab File: BG034793.D

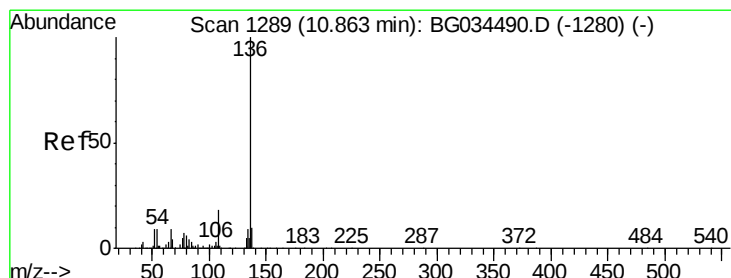
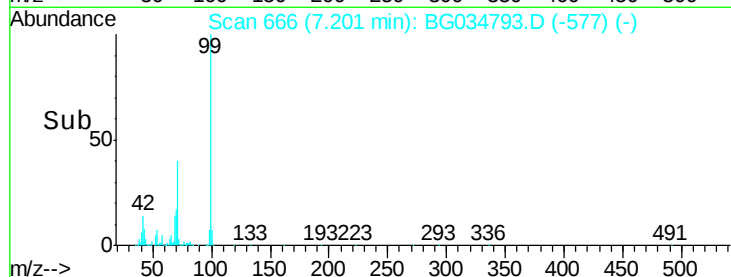
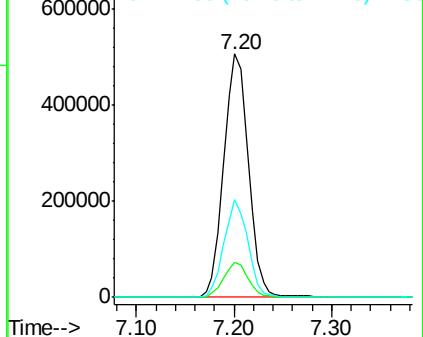
Acq: 30 May 2018 1:22

Tot Ion: 99 Resp: 891820

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.1	21.1
71	40.4	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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

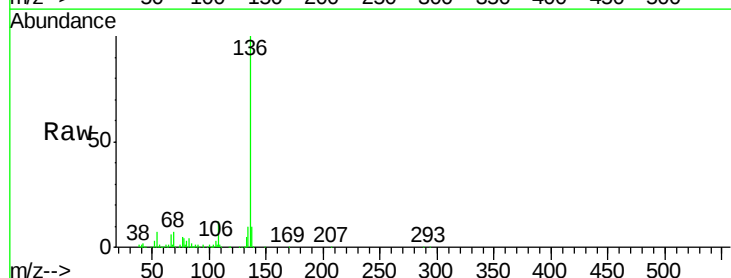
Delta R.T. -0.01 min

Lab File: BG034793.D

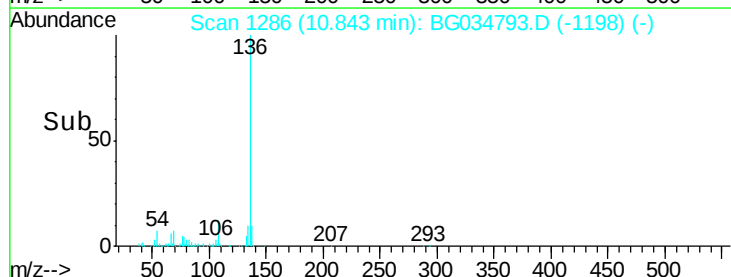
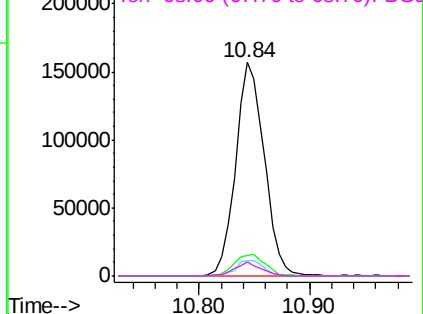
Acq: 30 May 2018 1:22

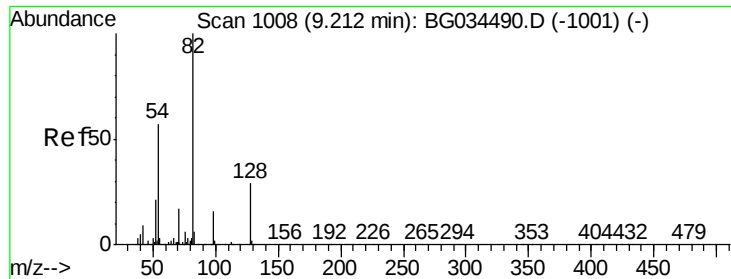
Tgt Ion: 136 Resp: 286106

Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.2	13.8
54	7.5	10.3	15.5#
68	6.5	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: 91.204 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG034793.D

Acq: 30 May 2018 1:22

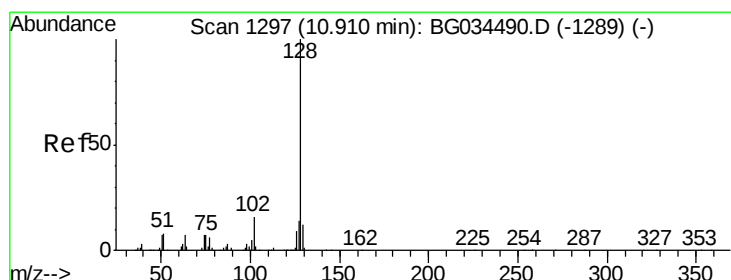
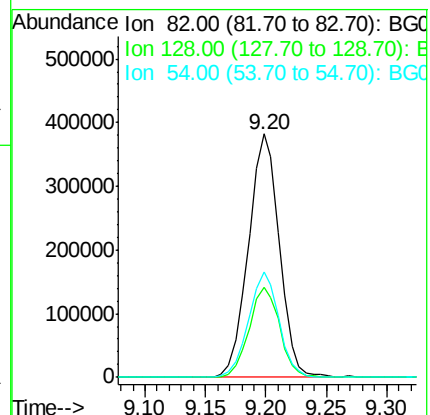
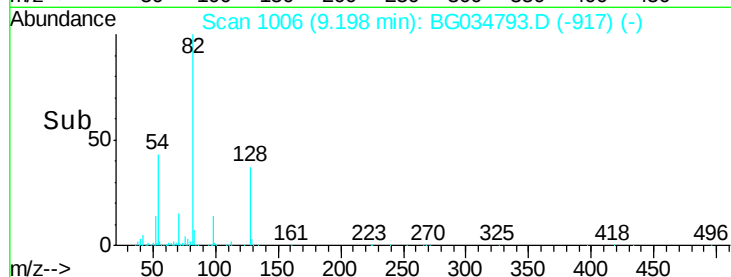
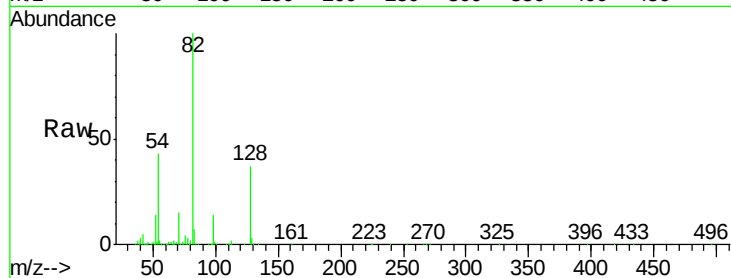
Tot Ion: 82 Resp: 683083

Ion Ratio Lower Upper

82 100

128 37.1 29.7 44.5

54 43.2 43.1 64.7



#31

Naphthalene

Concen: 4.031 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG034793.D

Acq: 30 May 2018 1:22

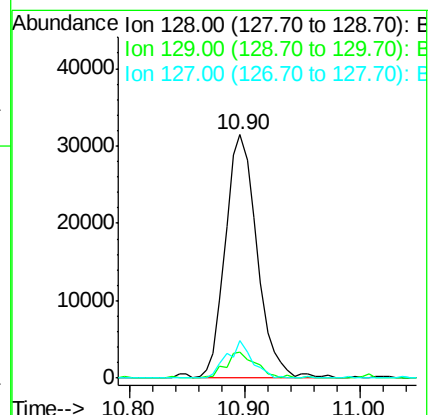
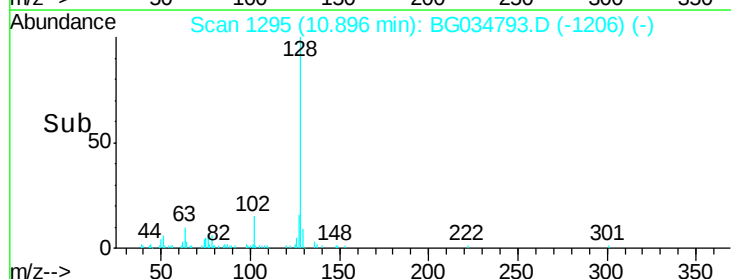
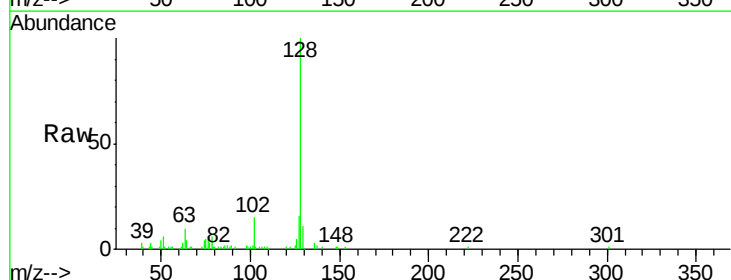
Tgt Ion: 128 Resp: 59962

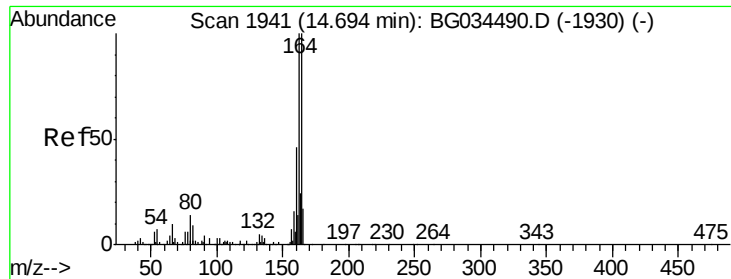
Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 15.5 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG034793.D

Acq: 30 May 2018 1:22

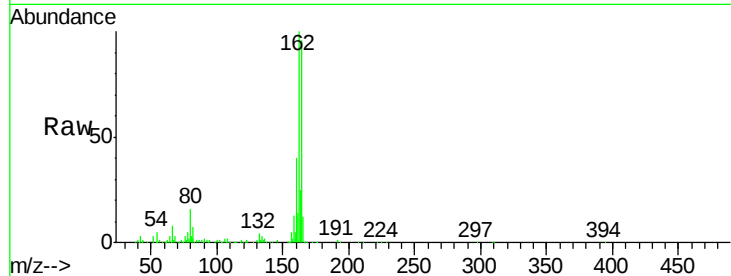
Tot Ion:164 Resp: 192368

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

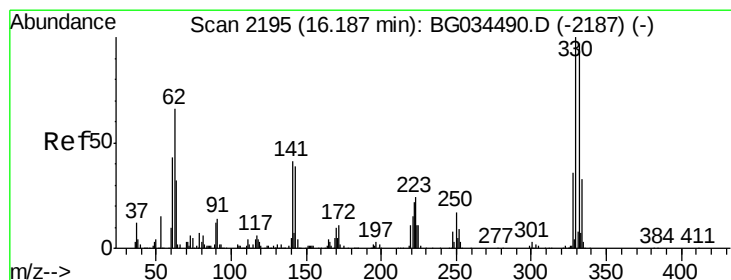
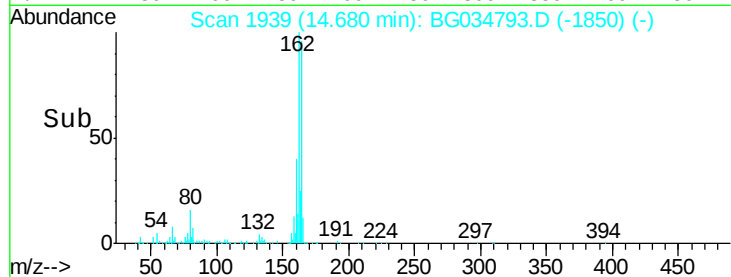
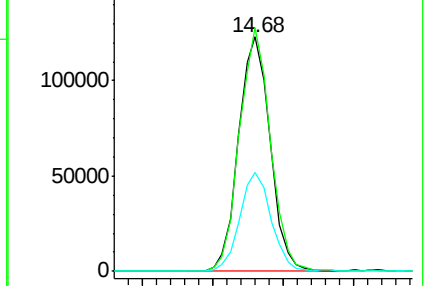
160 42.1 35.4 53.0



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: 153.235 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG034793.D

Acq: 30 May 2018 1:22

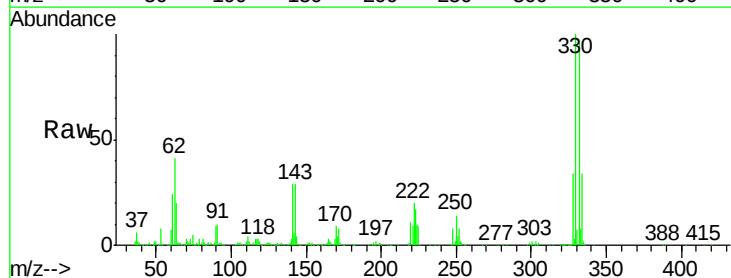
Tgt Ion:330 Resp: 507683

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

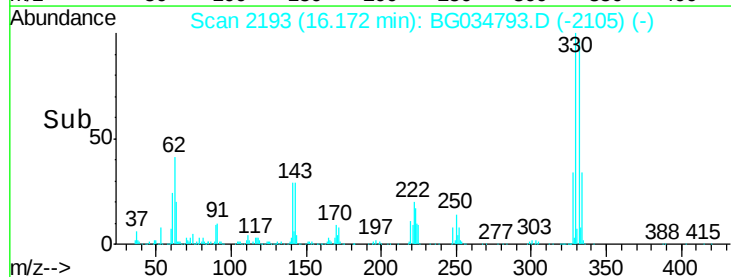
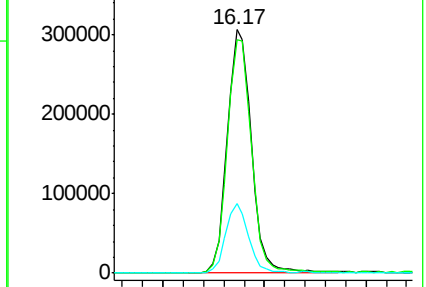
141 27.1 25.2 37.8

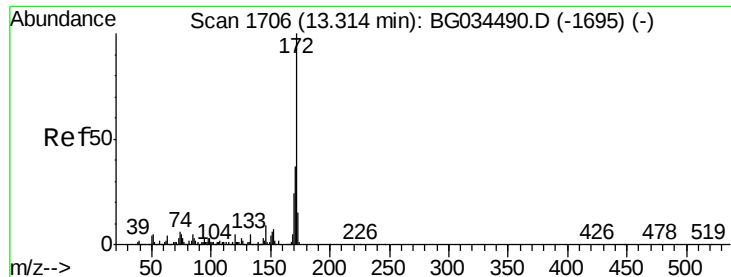


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

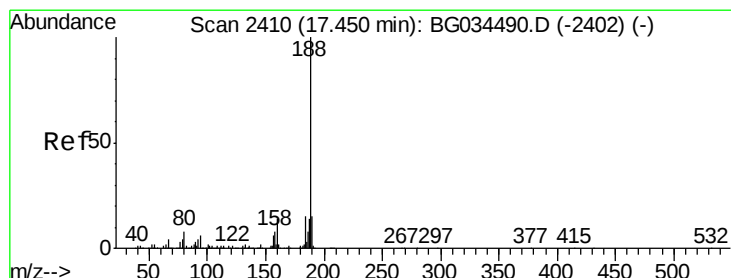
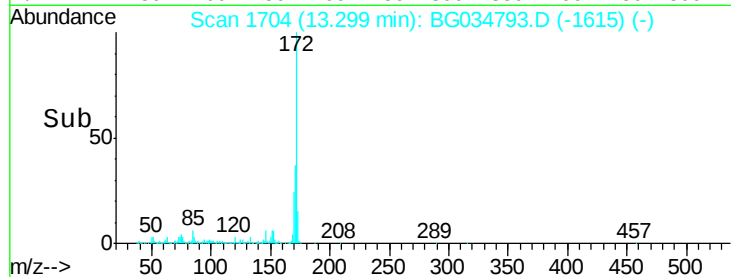
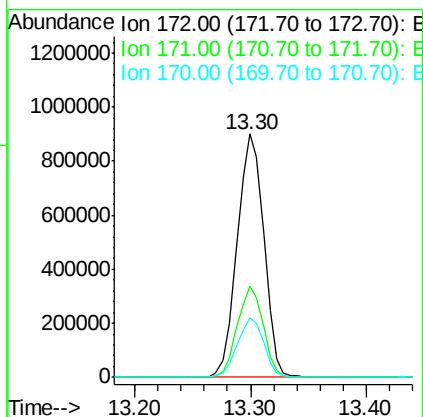
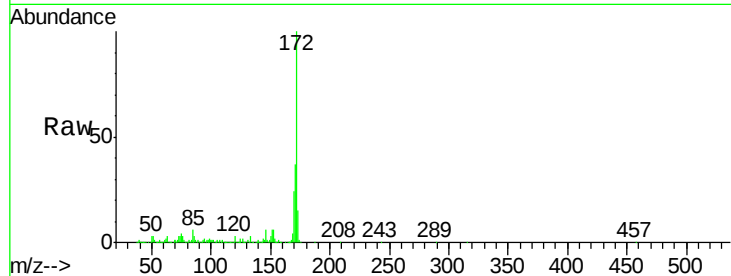




#44
 2-Fluorobiphenyl
 Concen: 101.882 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG034793.D
 Acq: 30 May 2018 1:22

Tot Ion:172 Resp: 1443614

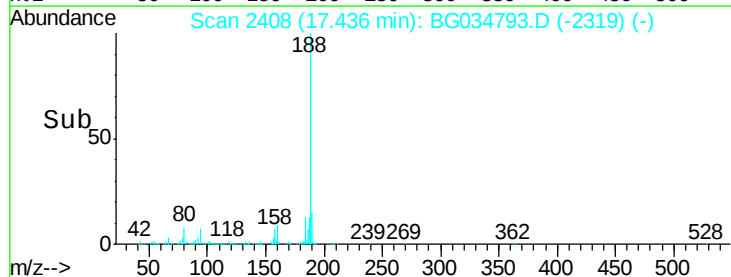
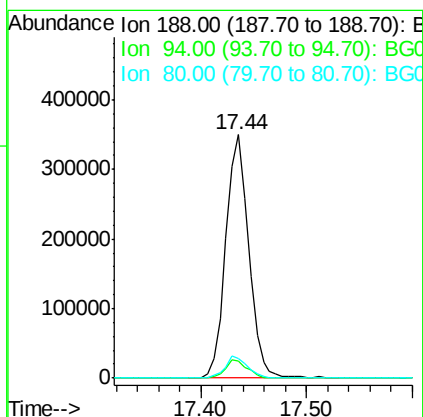
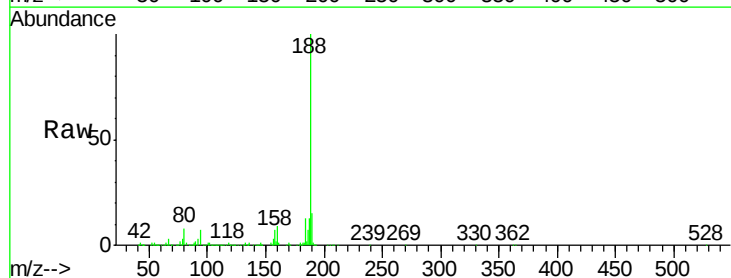
Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.3	19.5	29.3

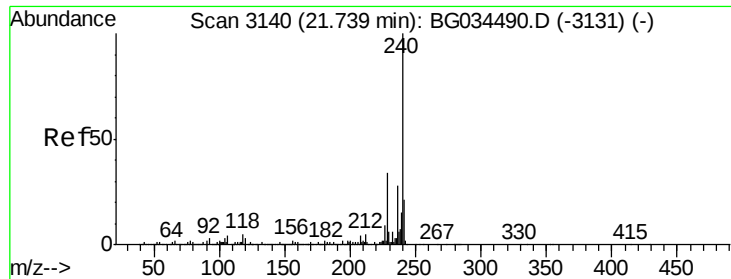


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG034793.D
 Acq: 30 May 2018 1:22

Tgt Ion:188 Resp: 528340

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	8.0	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG034793.D

Acq: 30 May 2018 1:22

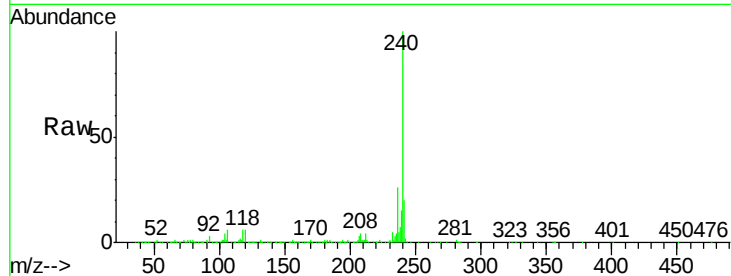
Tot Ion:240 Resp: 635900

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

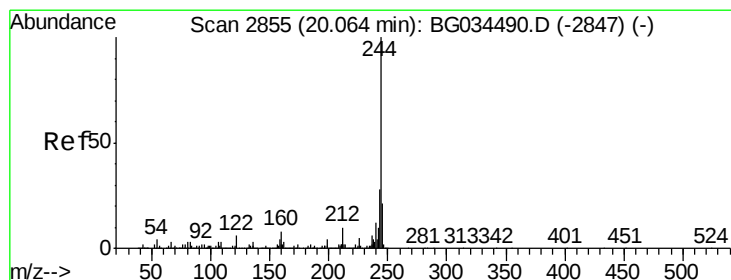
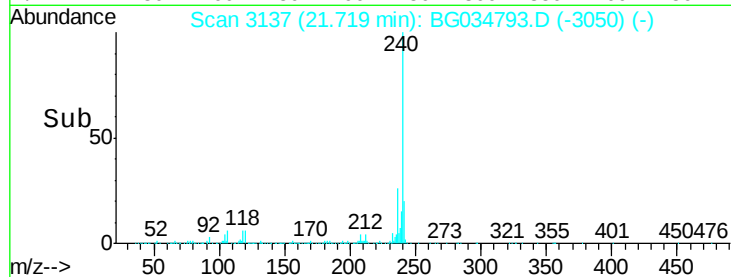
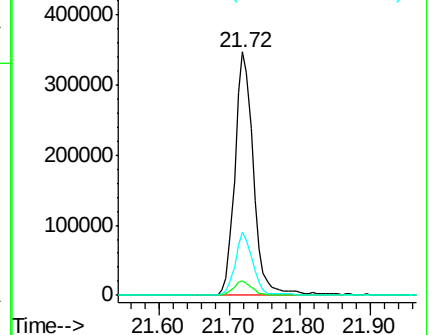
236 25.8 20.9 31.3



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



#78

Terphenyl-d14

Concen: 99.716 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG034793.D

Acq: 30 May 2018 1:22

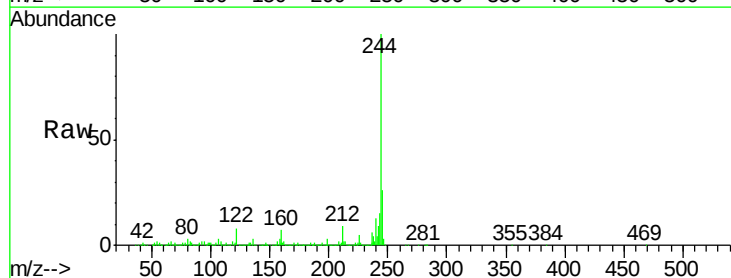
Tgt Ion:244 Resp: 2891496

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

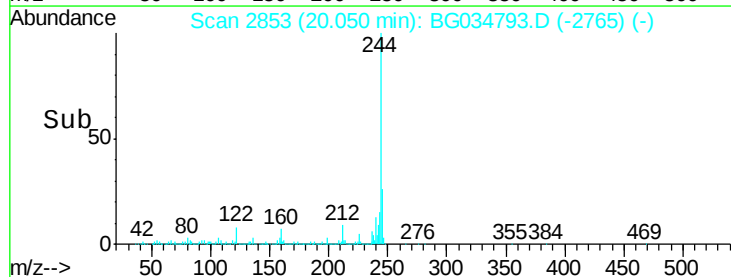
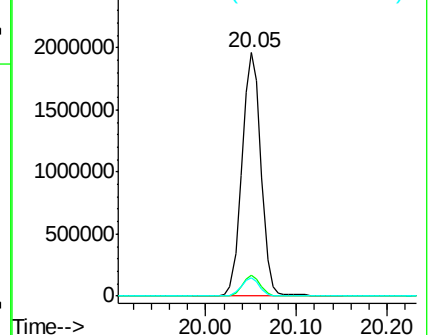
122 7.7 7.0 10.4

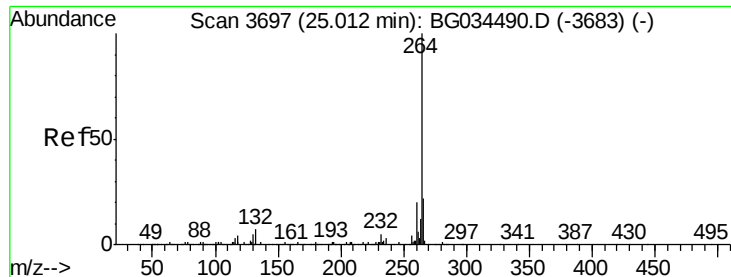


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.99 min Scan# 3693
Delta R.T. -0.02 min
Lab File: BG034793.D
Acq: 30 May 2018 1:22

Tot	Ion:264	Resp:	604768
Ion	Ratio	Lower	Upper
264	100		
260	26.4	17.4	26.0#
265	20.0	17.7	26.5

