

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
 Data File : BG034780.D
 Acq On : 29 May 2018 17:01
 Operator : SJ/JU
 Sample : PB109739TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 30 04:37:58 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

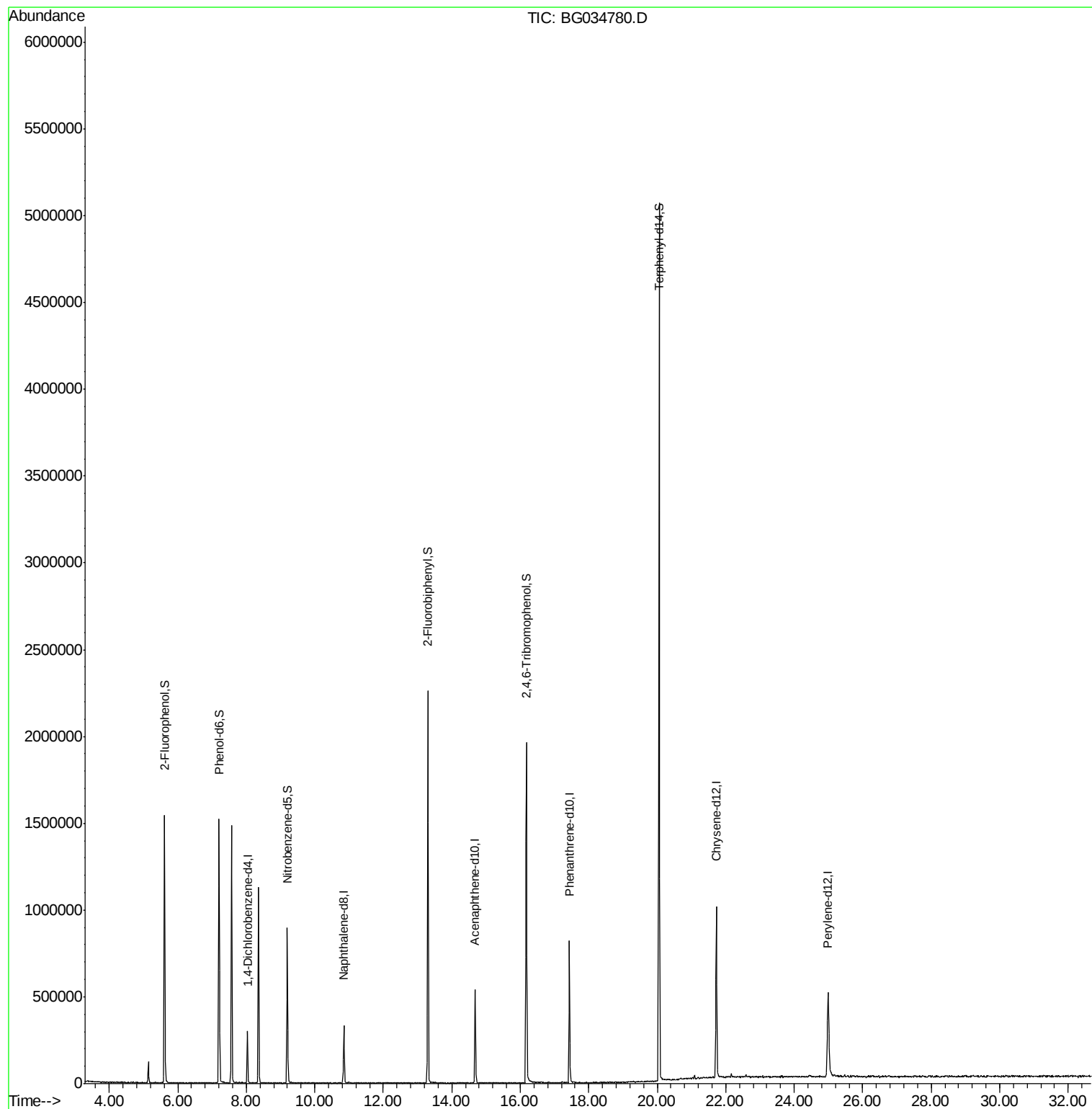
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	82842	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	304037	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	201889	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	542534	20.00	ng	0.00
75) Chrysene-d12	21.72	240	675132	20.00	ng	-0.01
86) Perylene-d12	24.99	264	680718	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	711878	132.35	ng	0.00
7) Phenol-d6	7.21	99	982836	112.96	ng	0.00
23) Nitrobenzene-d5	9.20	82	596088	74.89	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	454479	130.71	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1295236	87.10	ng	0.00
78) Terphenyl-d14	20.06	244	2655210	86.25	ng	0.00

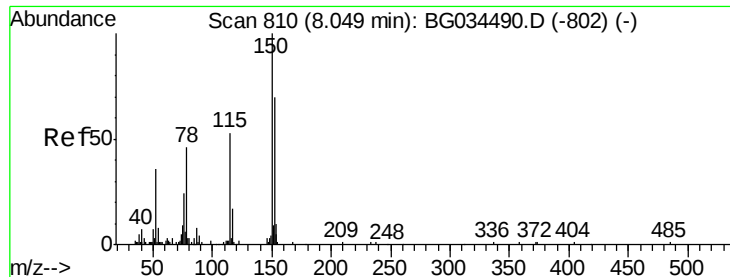
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 808

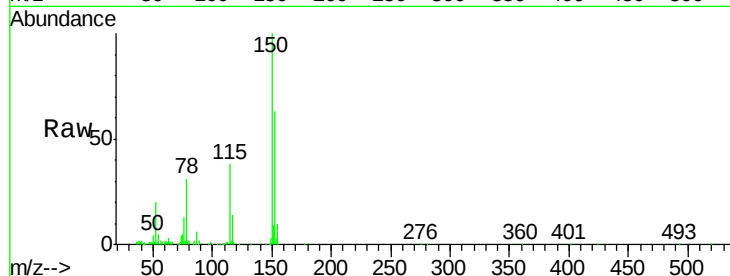
Delta R.T. -0.00 min

Lab File: BG034780.D

Acq: 29 May 2018 17:01

Tot Ion:152 Resp: 82842

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.6	189.8
115	60.1	53.0	79.4

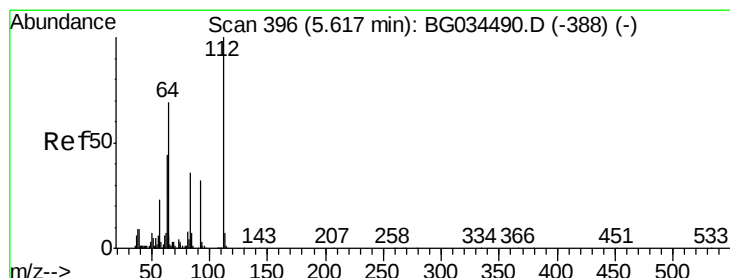
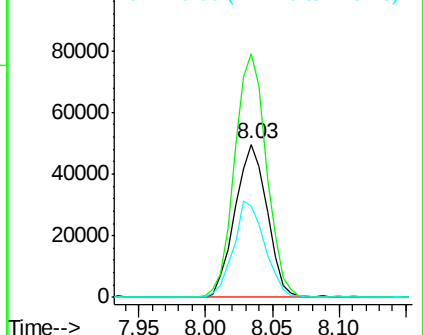
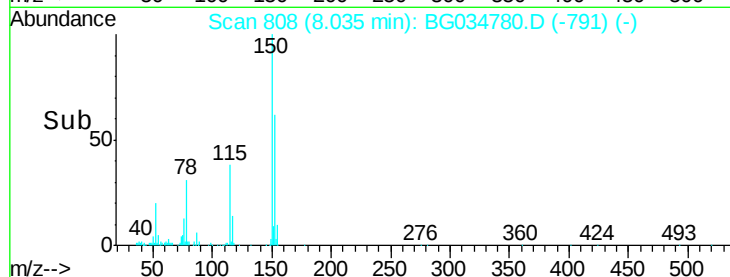


Abundance

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: 132.355 ng

RT: 5.61 min Scan# 396

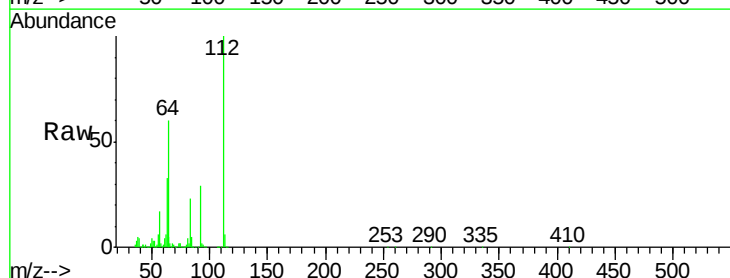
Delta R.T. -0.00 min

Lab File: BG034780.D

Acq: 29 May 2018 17:01

Tgt Ion:112 Resp: 711878

Ion	Ratio	Lower	Upper
112	100		
64	60.1	56.3	84.5
63	33.1	30.1	45.1

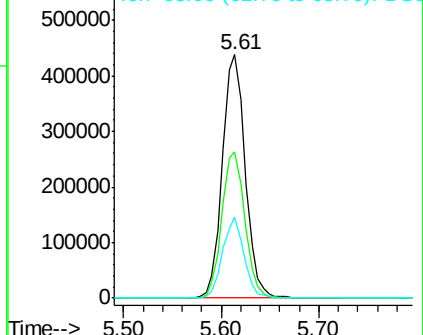
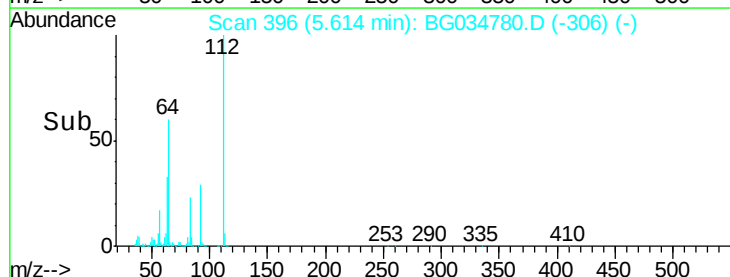


Abundance

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: 112.959 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG034780.D

Acq: 29 May 2018 17:01

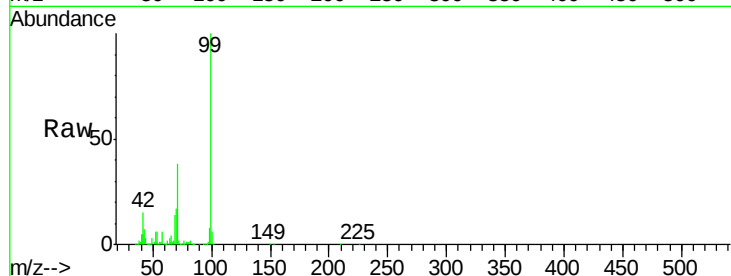
Tot Ion: 99 Resp: 982836

Ion Ratio Lower Upper

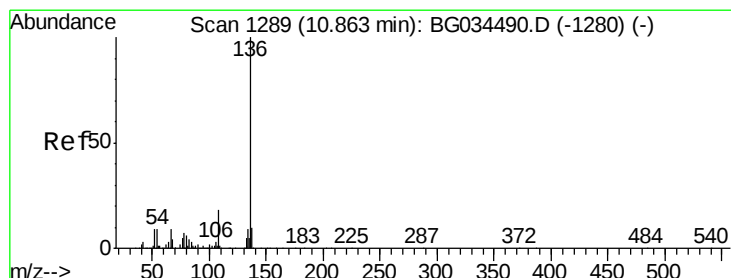
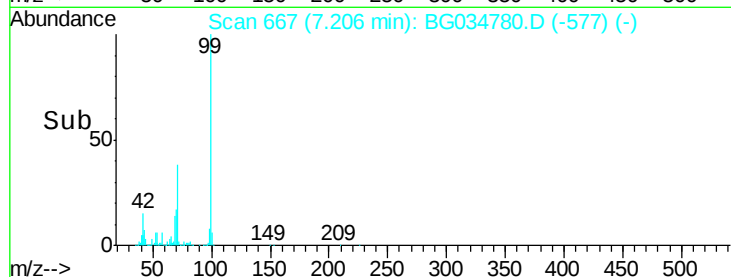
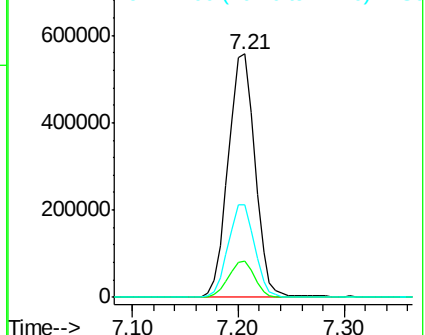
99 100

42 14.9 14.1 21.1

71 38.1 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: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG034780.D

Acq: 29 May 2018 17:01

Tgt Ion: 136 Resp: 304037

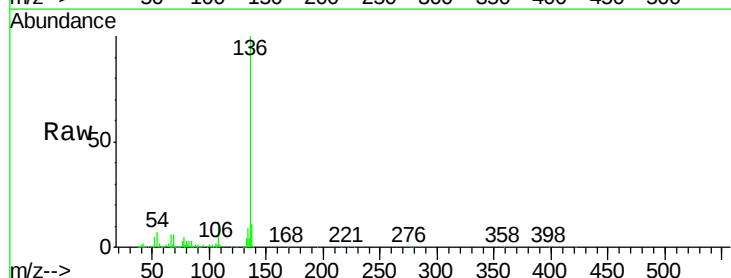
Ion Ratio Lower Upper

136 100

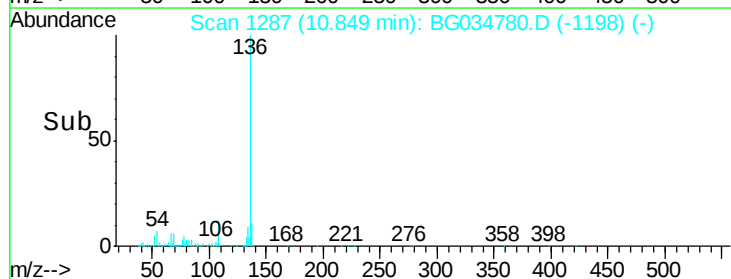
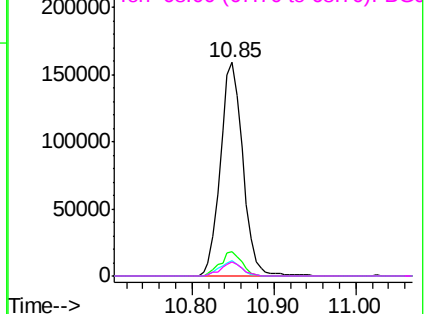
137 11.1 9.2 13.8

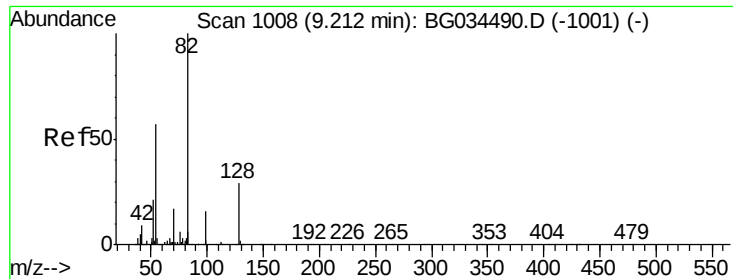
54 7.2 10.3 15.5#

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: 74.895 ng

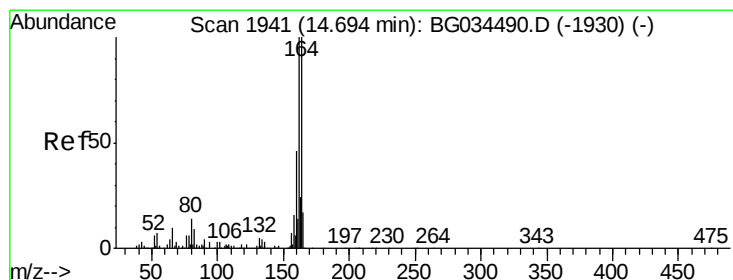
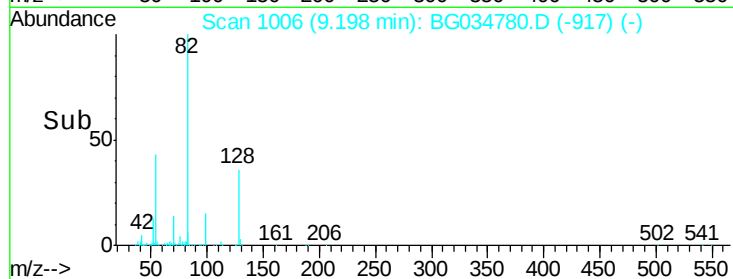
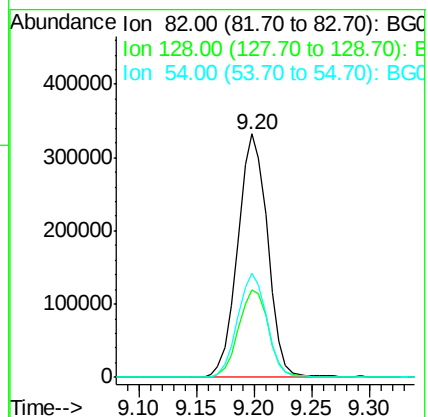
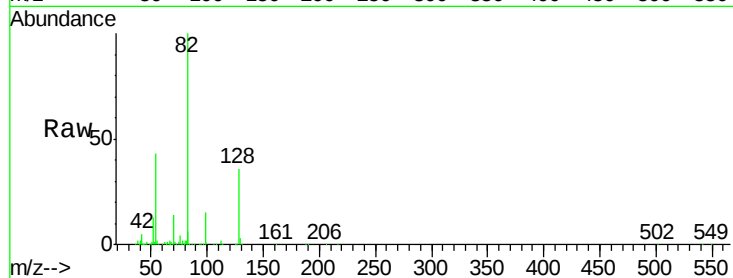
RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG034780.D

Acq: 29 May 2018 17:01

Tot Ion:	82	Resp:	596088
Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	42.9	43.1	64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

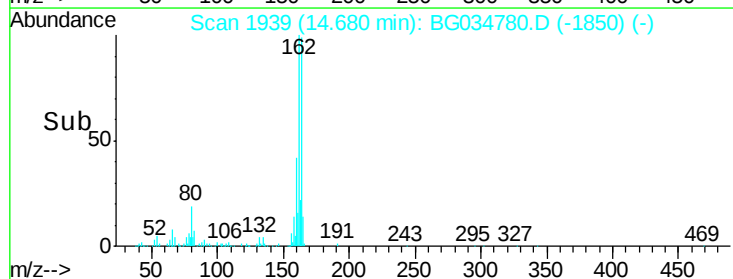
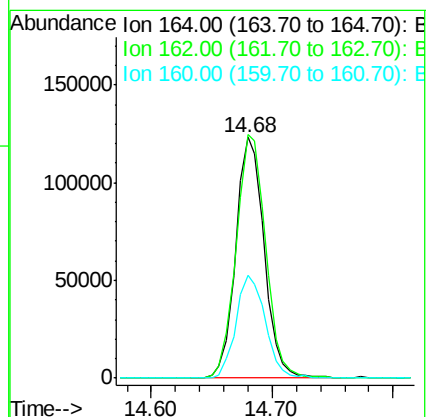
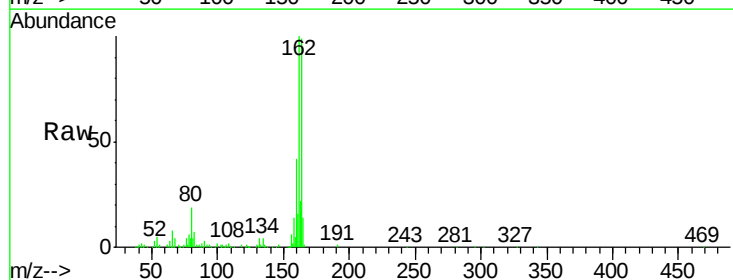
RT: 14.68 min Scan# 1939

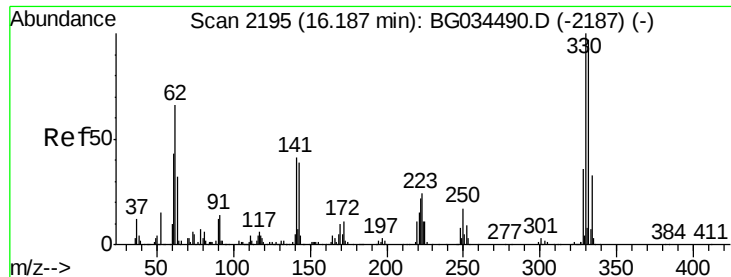
Delta R.T. -0.01 min

Lab File: BG034780.D

Acq: 29 May 2018 17:01

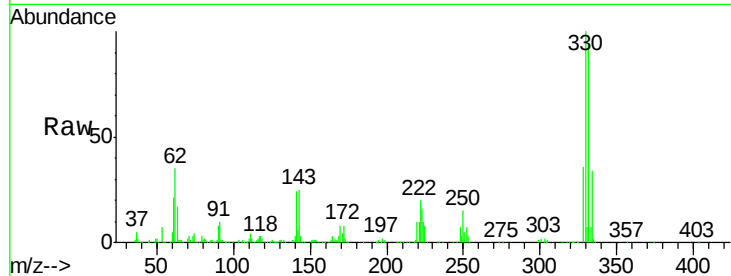
Tgt Ion:	164	Resp:	201889
Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.8	118.2
160	42.9	35.4	53.0





#41
 2,4,6-Tribromophenol
 Concen: 130.707 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG034780.D
 Acq: 29 May 2018 17:01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	26.8	25.2	37.8

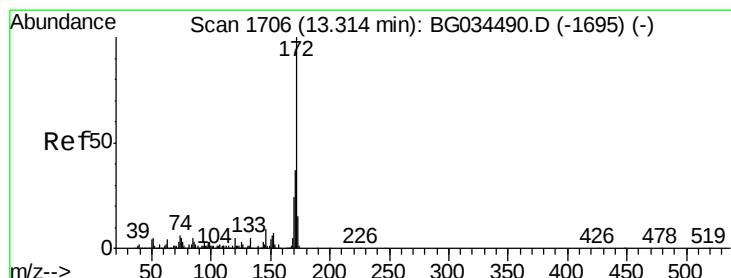
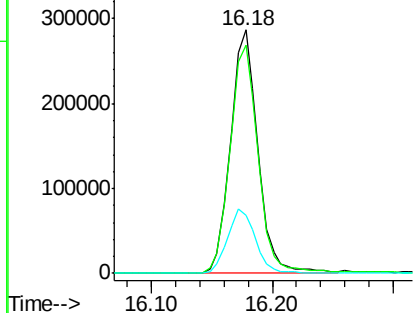
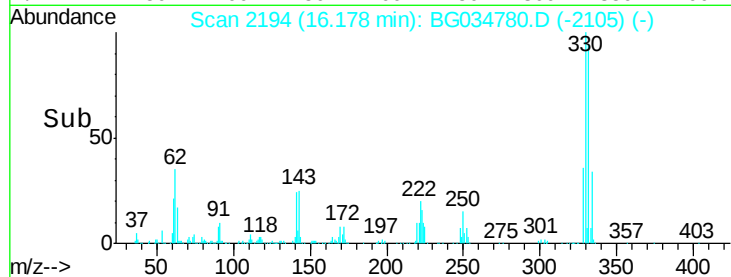


Abundance

Ion 329.80 (329.50 to 330.50): E

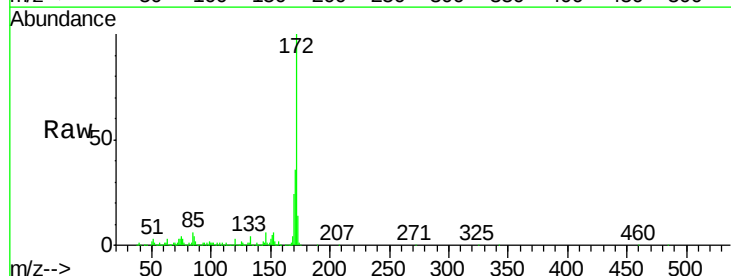
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.099 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG034780.D
 Acq: 29 May 2018 17:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	23.8	19.5	29.3

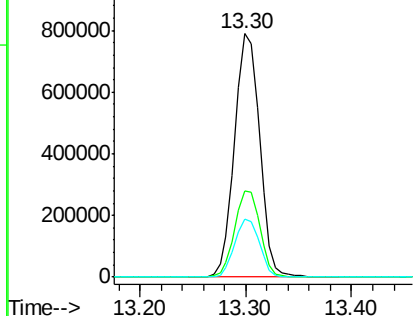
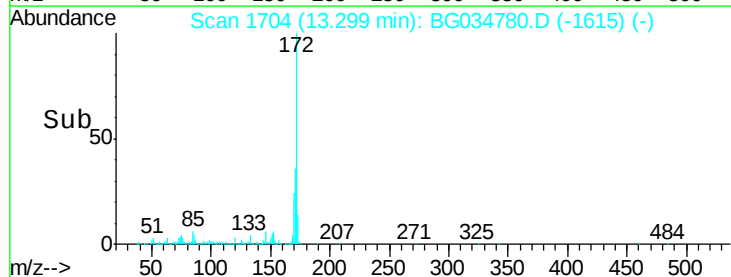


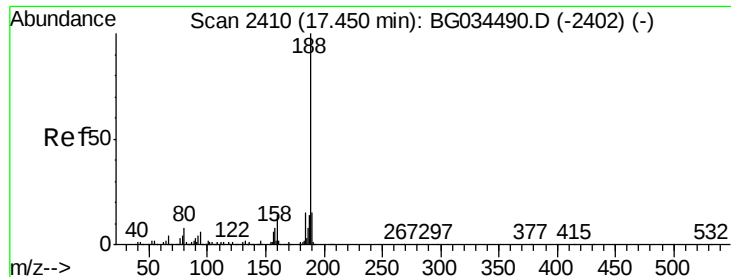
Abundance

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

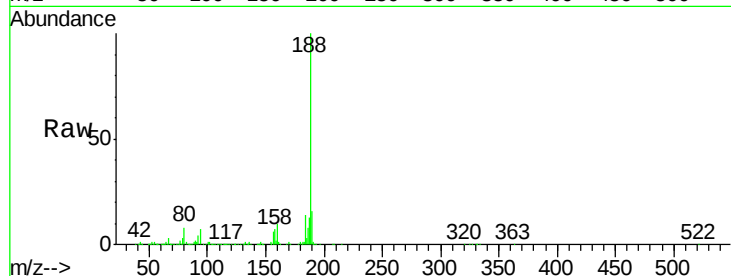
Delta R.T. -0.01 min

Lab File: BG034780.D

Acq: 29 May 2018 17:01

Tot Ion:188 Resp: 542534

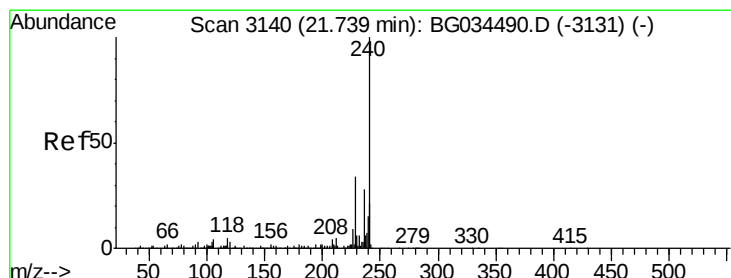
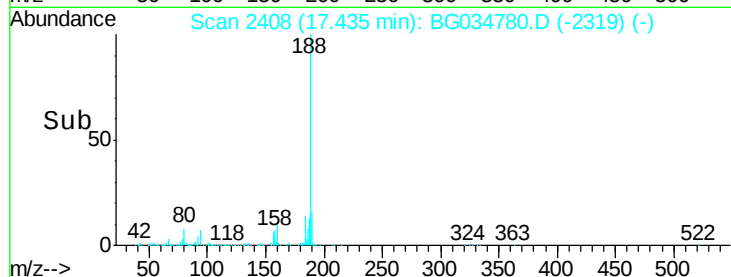
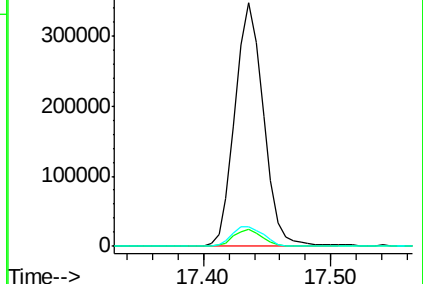
Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.9	7.7	11.5



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# 3138

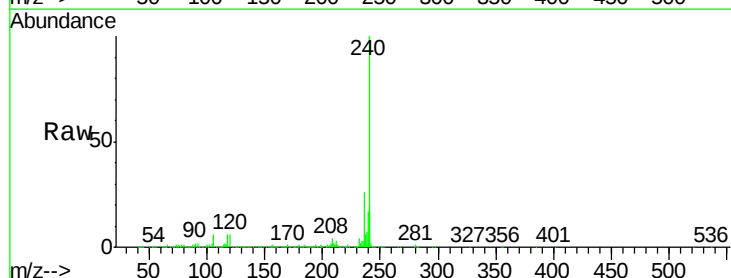
Delta R.T. -0.01 min

Lab File: BG034780.D

Acq: 29 May 2018 17:01

Tgt Ion:240 Resp: 675132

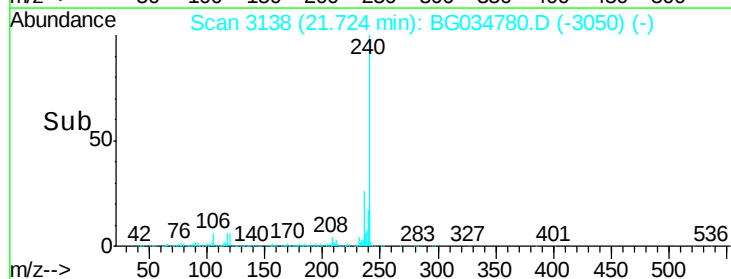
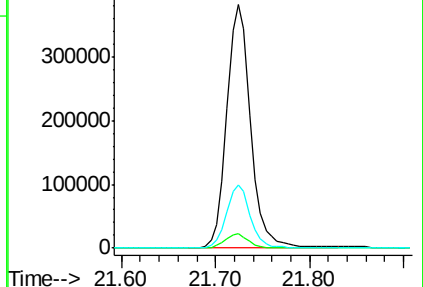
Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	25.9	20.9	31.3

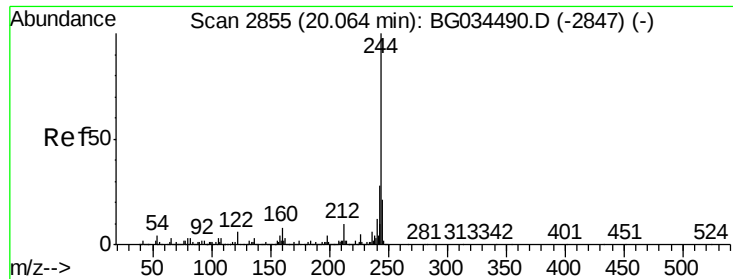


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.246 ng

RT: 20.06 min Scan# 2854

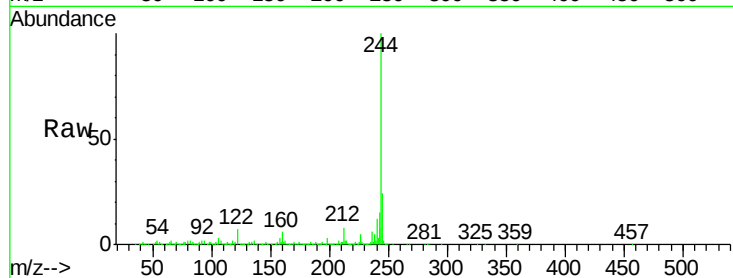
Delta R.T. -0.01 min

Lab File: BG034780.D

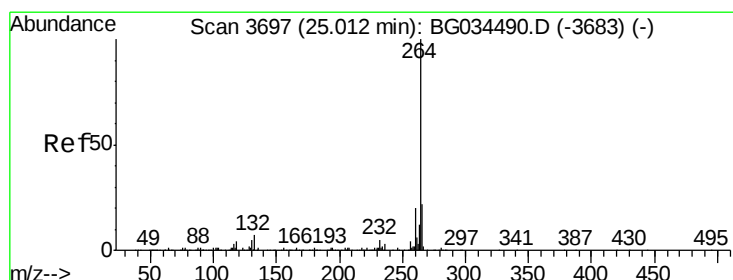
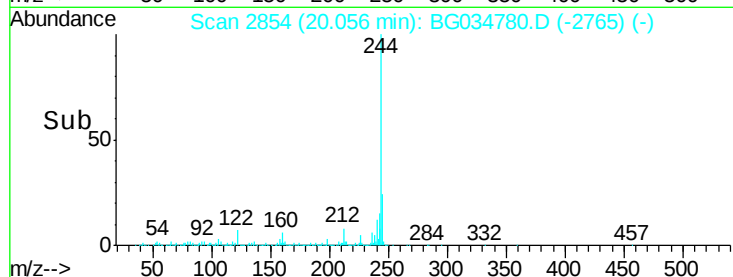
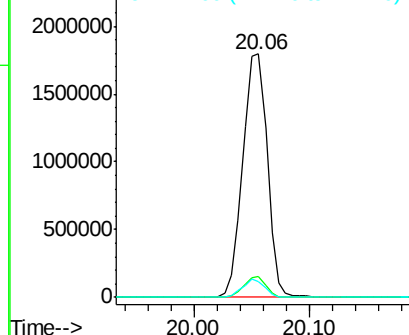
Acq: 29 May 2018 17:01

Tot Ion:244 Resp: 2655210

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	6.5	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

Perylene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3693

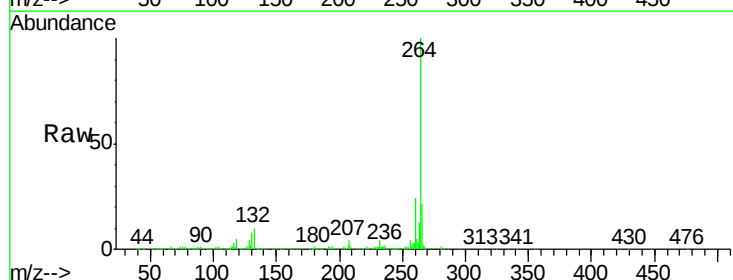
Delta R.T. -0.02 min

Lab File: BG034780.D

Acq: 29 May 2018 17:01

Tgt Ion:264 Resp: 680718

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.2	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

