

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
 Data File : BG034801.D
 Acq On : 30 May 2018 10:24
 Operator : SJ/JU
 Sample : J3124-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

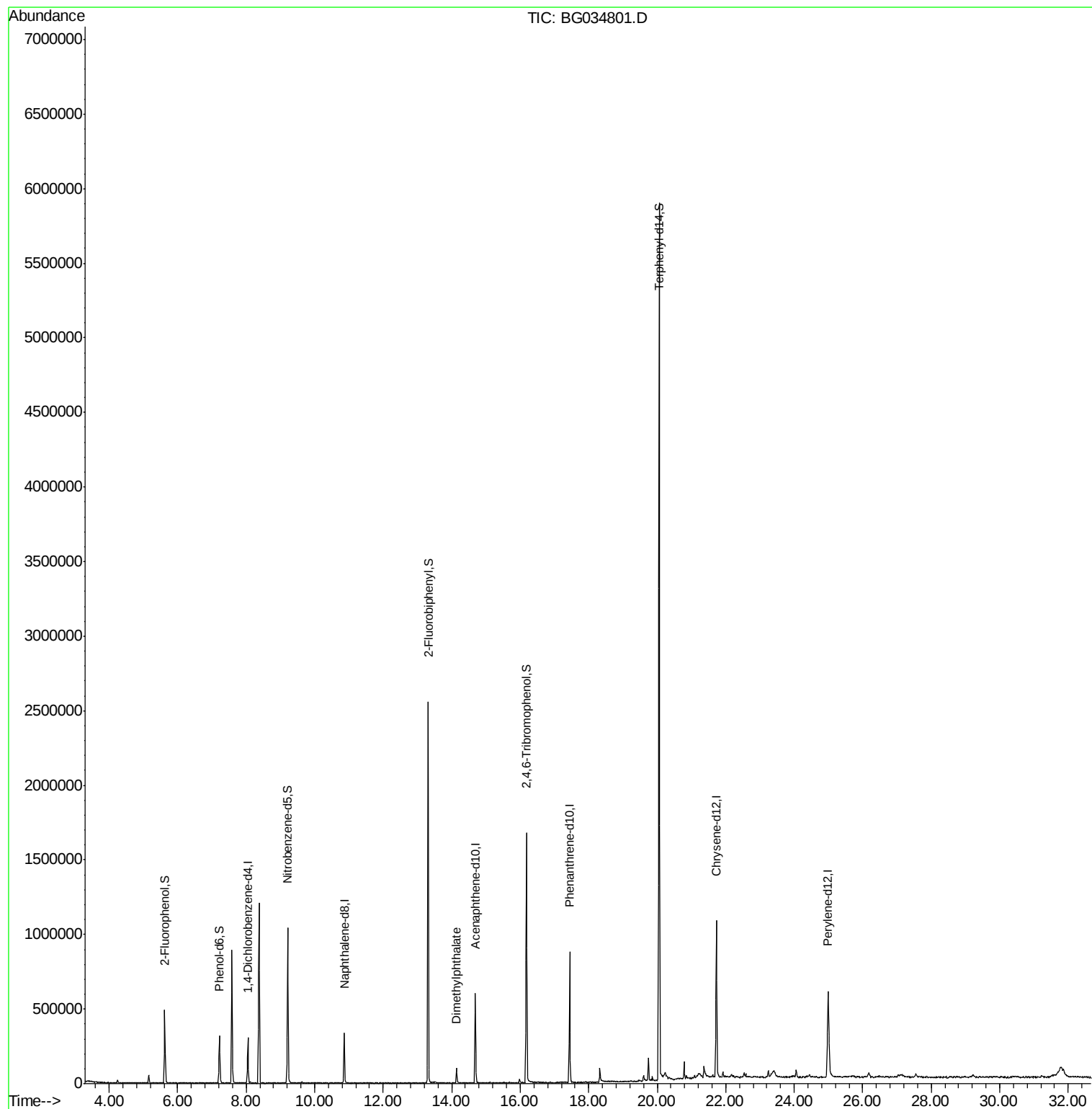
Quant Time: May 30 12:24:07 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 25 14:58:34 2018
 Response via : Initial Calibration

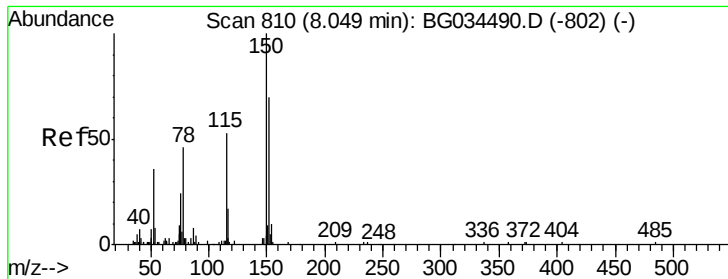
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	84627	20.00	ng	0.01
21) Naphthalene-d8	10.86	136	295702	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	210605	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	571133	20.00	ng	0.00
75) Chrysene-d12	21.73	240	693532	20.00	ng	0.00
86) Perylene-d12	24.99	264	730751	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	236819	43.10	ng	0.01
7) Phenol-d6	7.21	99	211234	23.77	ng	0.00
23) Nitrobenzene-d5	9.21	82	696249	89.95	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	368970	101.72	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1443795	93.07	ng	0.00
78) Terphenyl-d14	20.06	244	2909309	91.99	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.14	163	75885	4.174	ng	# 96

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

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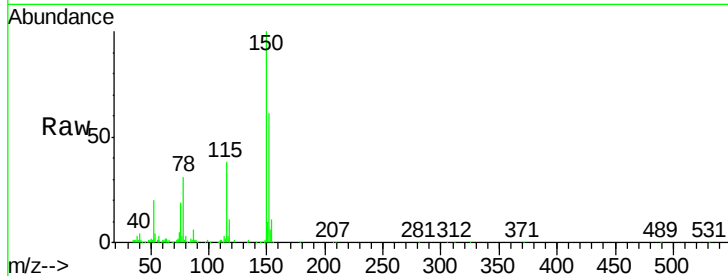




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.01 min
Lab File: BG034801.D
Acq: 30 May 2018 10:24

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.2	126.6	189.8
115	63.2	53.0	79.4

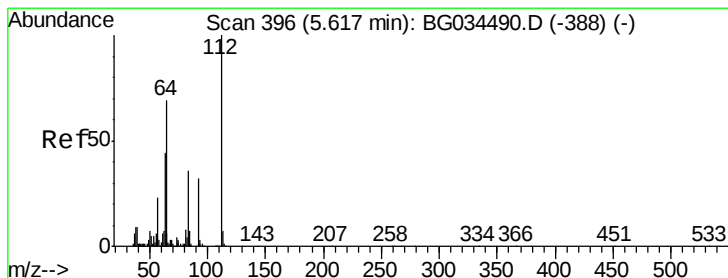
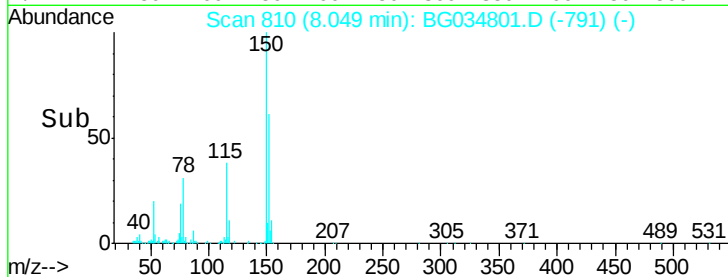
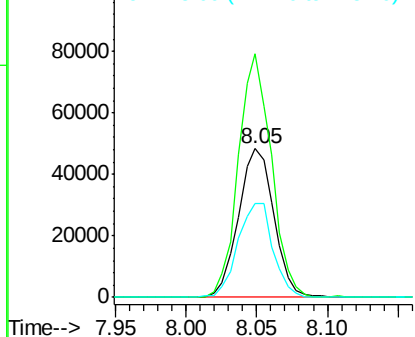


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

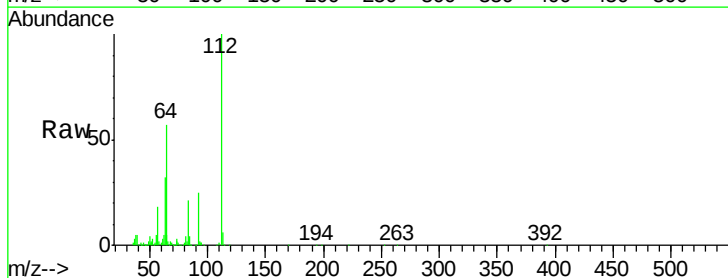
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.102 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.01 min
Lab File: BG034801.D
Acq: 30 May 2018 10:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	56.3	84.5
63	32.4	30.1	45.1

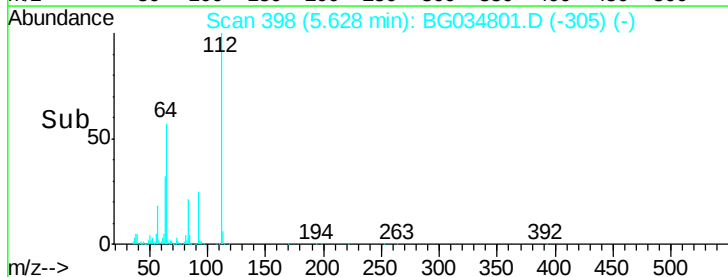
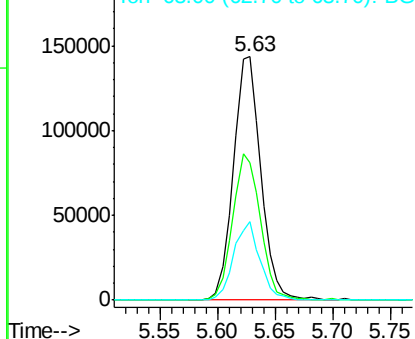


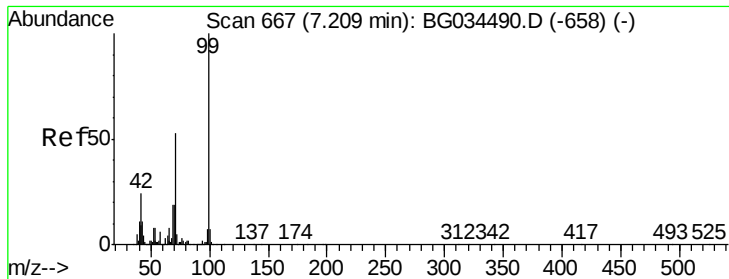
Abundance

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: 23.765 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.01 min

Lab File: BG034801.D

Acq: 30 May 2018 10:24

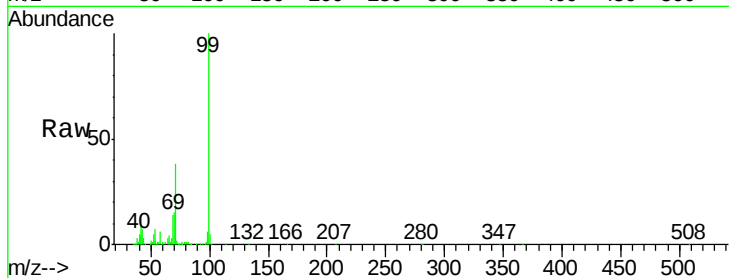
Tot Ion: 99 Resp: 211234

Ion Ratio Lower Upper

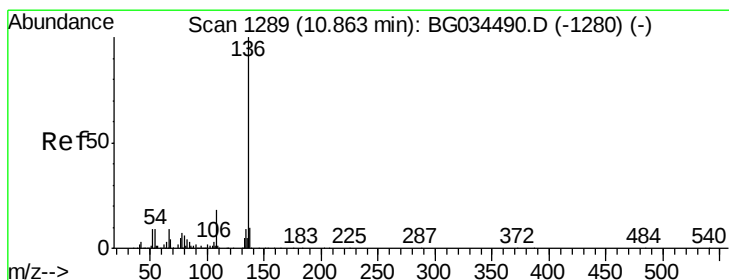
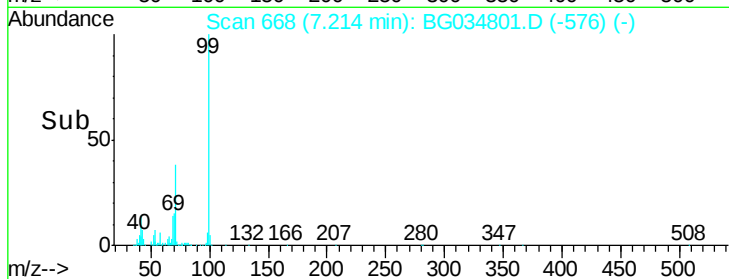
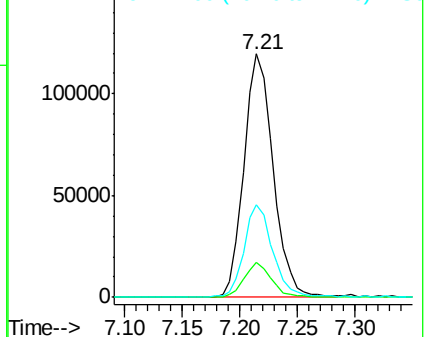
99 100

42 14.4 14.1 21.1

71 38.0 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: 10.86 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BG034801.D

Acq: 30 May 2018 10:24

Tgt Ion: 136 Resp: 295702

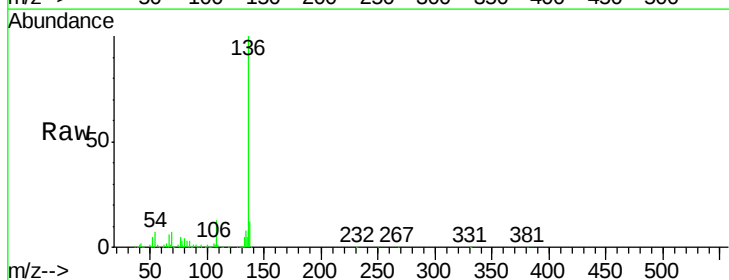
Ion Ratio Lower Upper

136 100

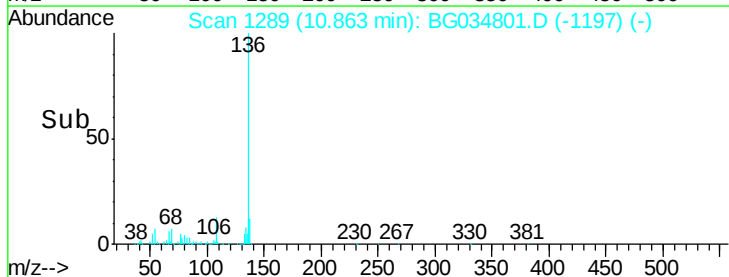
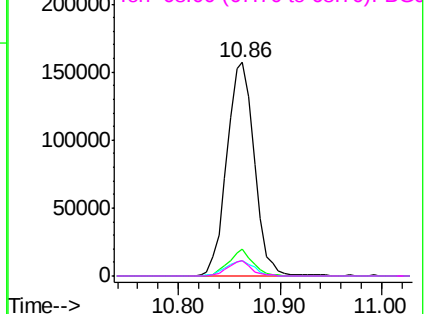
137 12.4 9.2 13.8

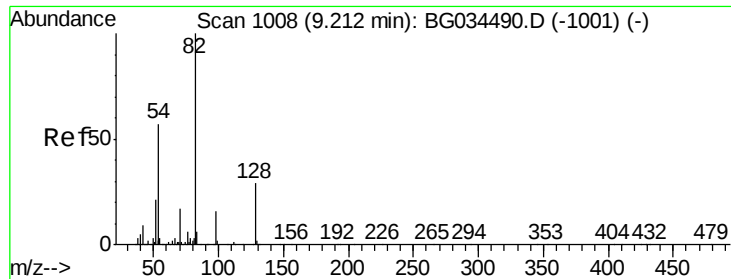
54 7.0 10.3 15.5#

68 7.1 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: 89.945 ng

RT: 9.21 min Scan# 1008

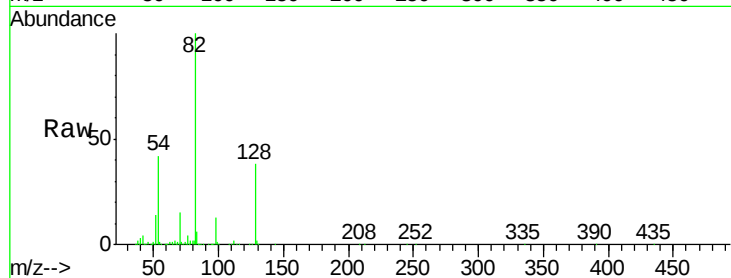
Delta R.T. 0.01 min

Lab File: BG034801.D

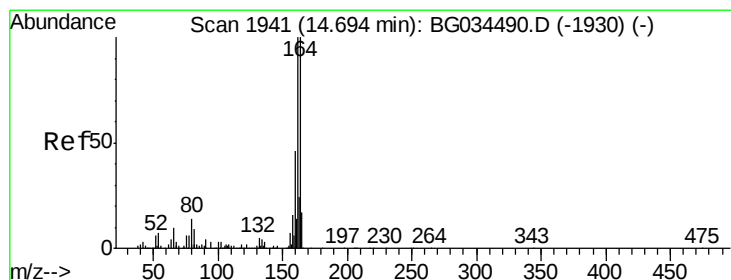
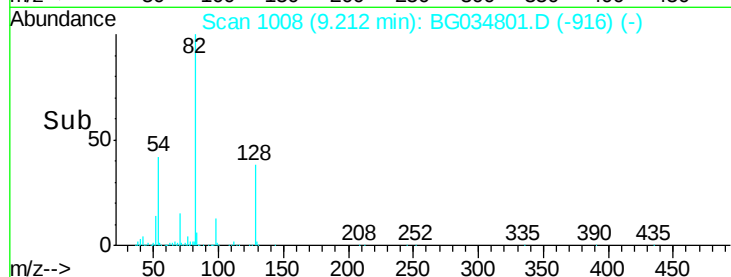
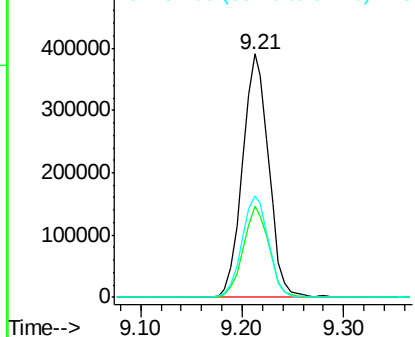
Acq: 30 May 2018 10:24

Tot Ion: 82 Resp: 696249

Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.7	44.5
54	41.6	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1940

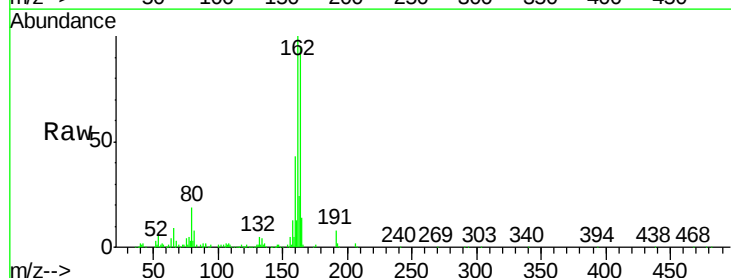
Delta R.T. 0.00 min

Lab File: BG034801.D

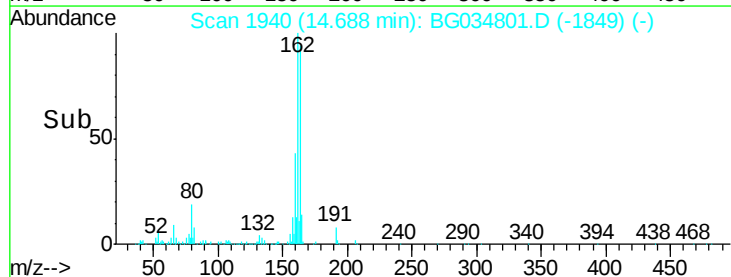
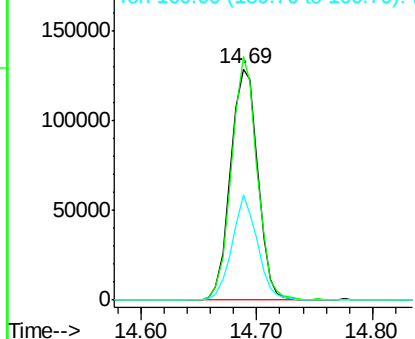
Acq: 30 May 2018 10:24

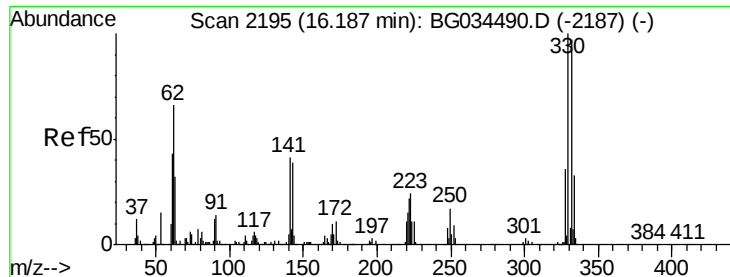
Tgt Ion: 164 Resp: 210605

Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.8	118.2
160	45.4	35.4	53.0



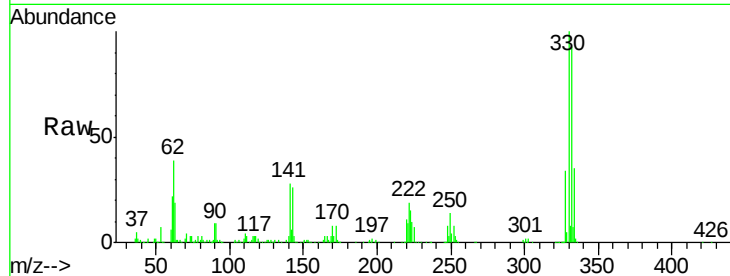
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



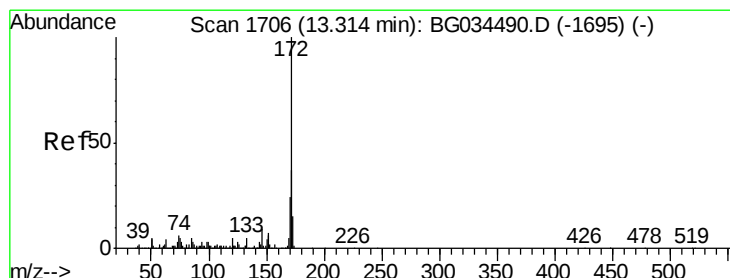
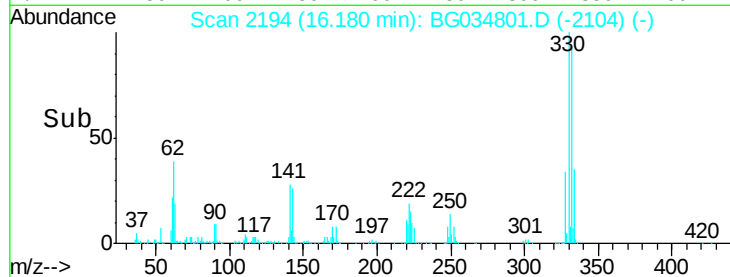
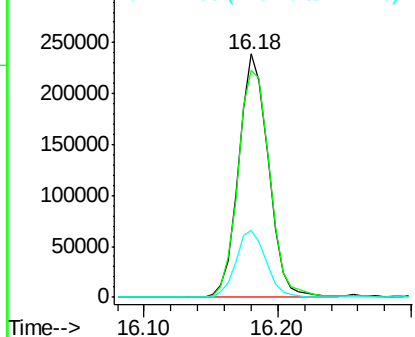


#41
 2,4,6-Tribromophenol
 Concen: 101.723 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG034801.D
 Acq: 30 May 2018 10:24

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.1	77.0	115.6
141	28.2	25.2	37.8

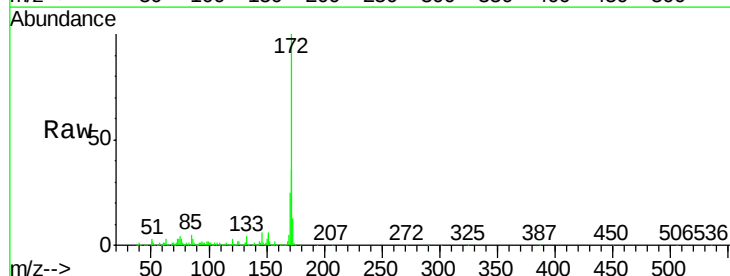


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

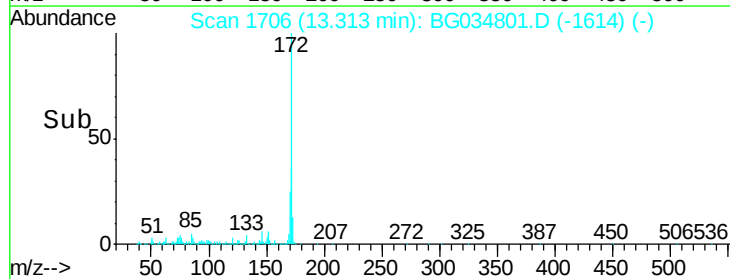
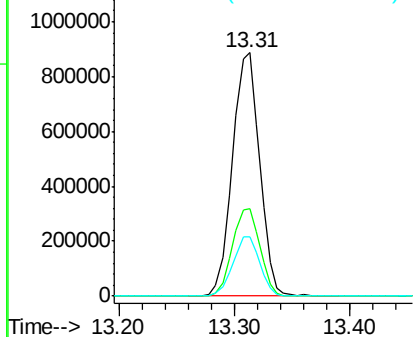


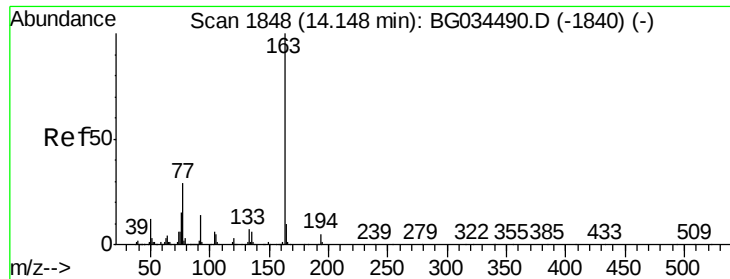
#44
 2-Fluorobiphenyl
 Concen: 93.071 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. 0.01 min
 Lab File: BG034801.D
 Acq: 30 May 2018 10:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	24.5	19.5	29.3



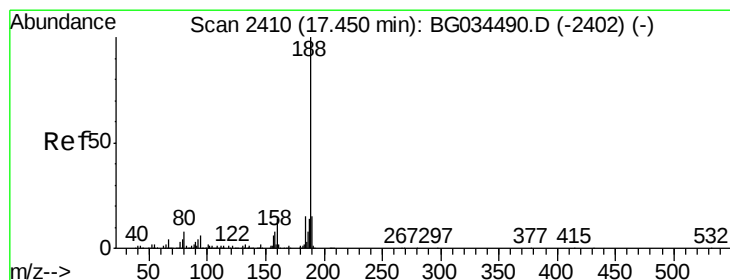
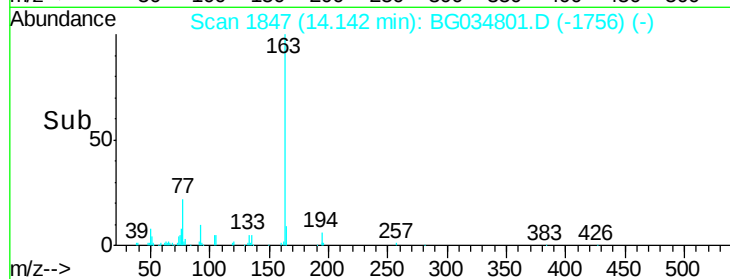
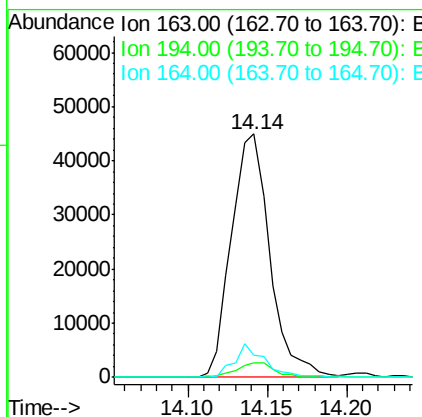
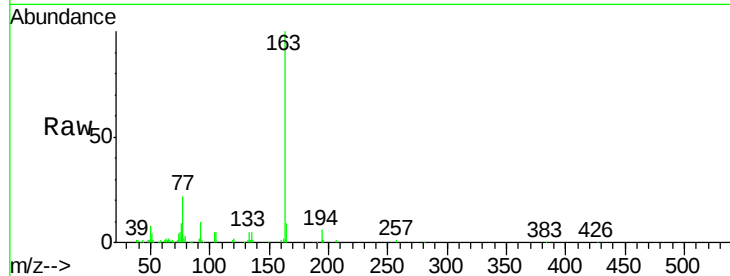
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





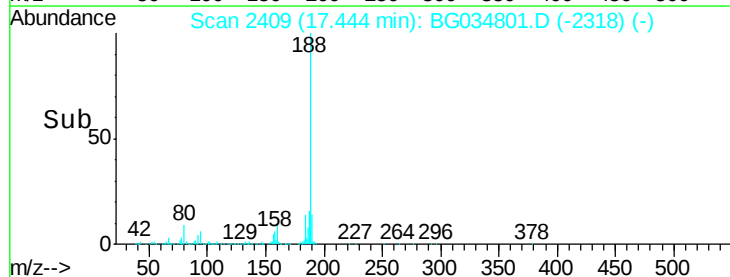
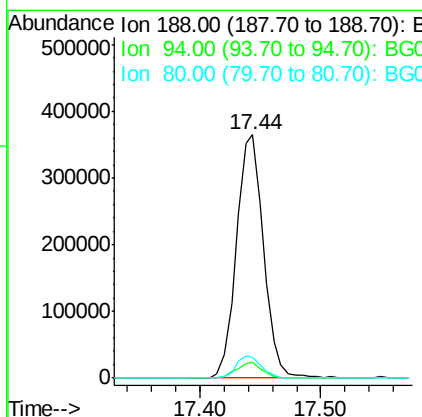
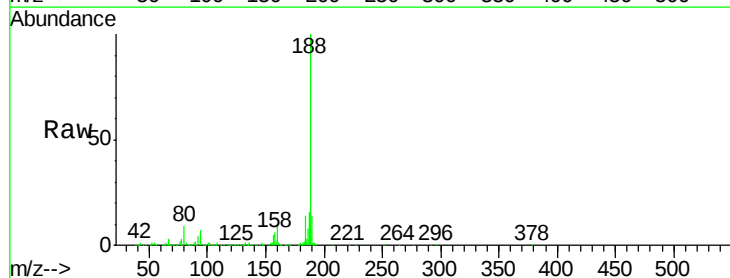
#49
Dimethylphthalate
Concen: 4.174 ng
RT: 14.14 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG034801.D
Acq: 30 May 2018 10:24

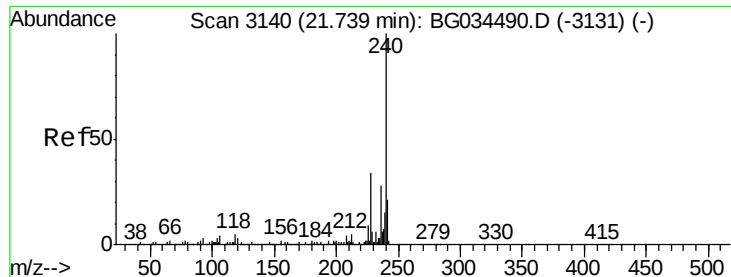
Tot Ion	Ratio	Lower	Upper
163	100		
194	6.1	3.4	5.2#
164	9.3	8.2	12.4



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BG034801.D
Acq: 30 May 2018 10:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	8.7	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG034801.D

Acq: 30 May 2018 10:24

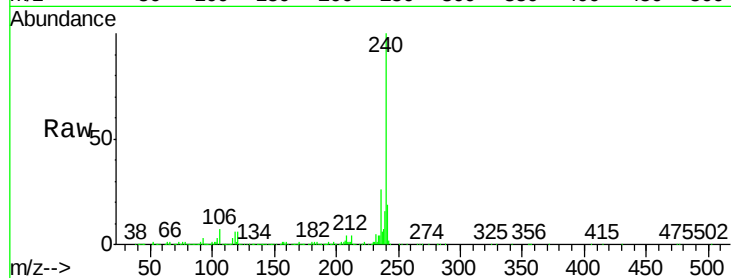
Tot Ion:240 Resp: 693532

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

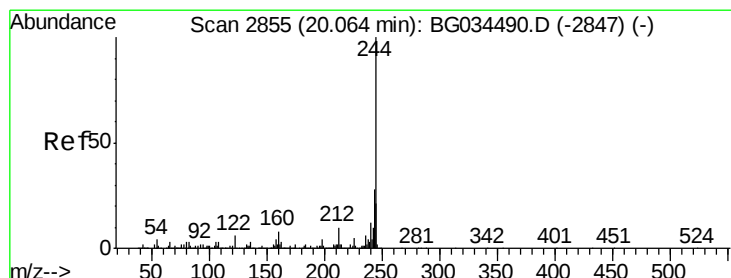
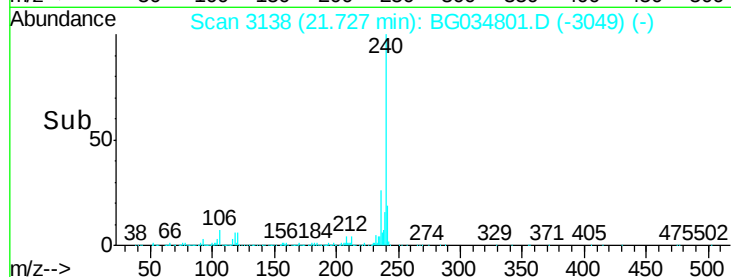
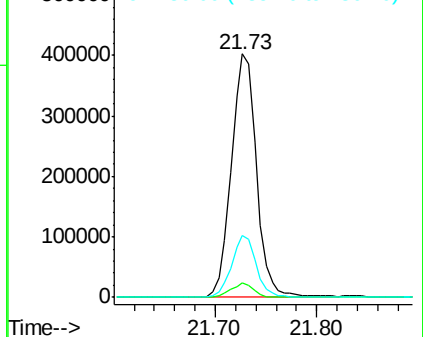
236 25.5 20.9 31.3



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: 91.993 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG034801.D

Acq: 30 May 2018 10:24

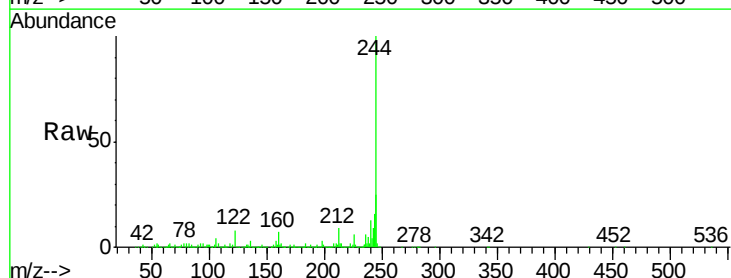
Tgt Ion:244 Resp: 2909309

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

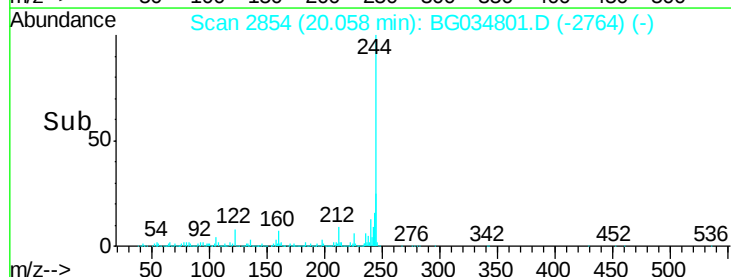
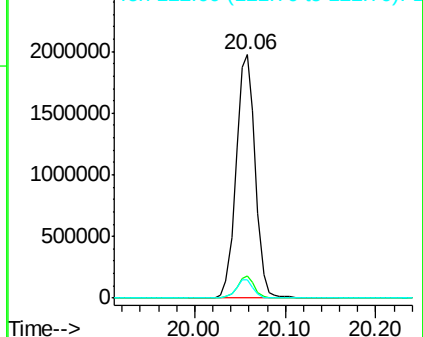
122 7.6 7.0 10.4

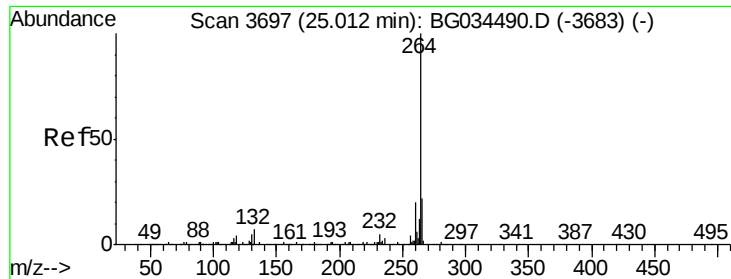


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG034801.D
Acq: 30 May 2018 10:24

Tot Ion:	264	Resp:	730751
Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	21.8	17.7	26.5

