

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
 Data File : BG034803.D
 Acq On : 30 May 2018 11:40
 Operator : SJ/JU
 Sample : J3124-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 30 12:26:12 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

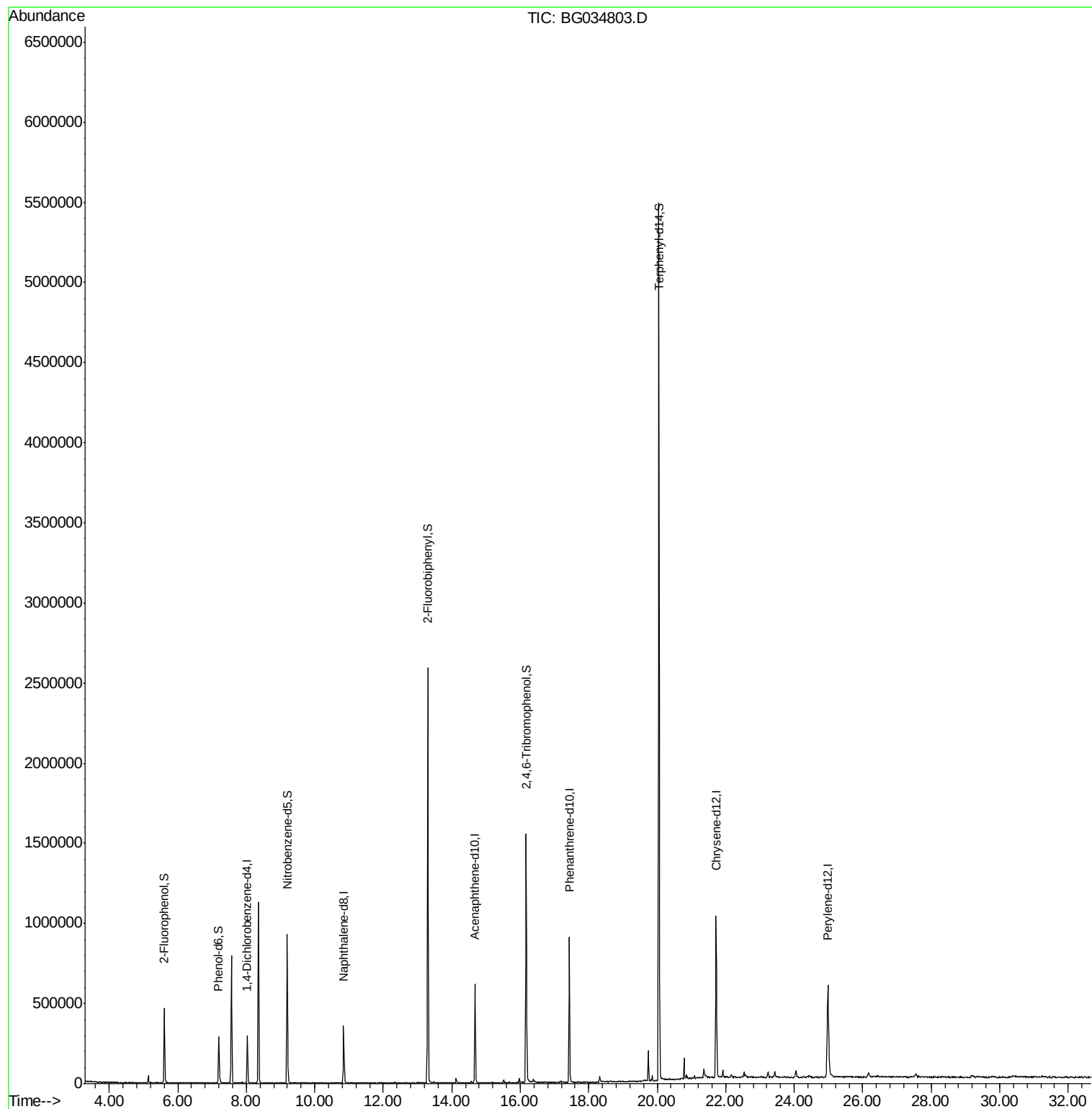
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	83186	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	306513	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	220893	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	586949	20.00	ng	0.00
75) Chrysene-d12	21.72	240	691060	20.00	ng	-0.02
86) Perylene-d12	24.98	264	714889	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	218247	40.41	ng	0.00
7) Phenol-d6	7.19	99	189980	21.74	ng	-0.01
23) Nitrobenzene-d5	9.20	82	645271	80.42	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	338273	88.92	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1389154	85.38	ng	0.00
78) Terphenyl-d14	20.05	244	2766380	87.79	ng	-0.01

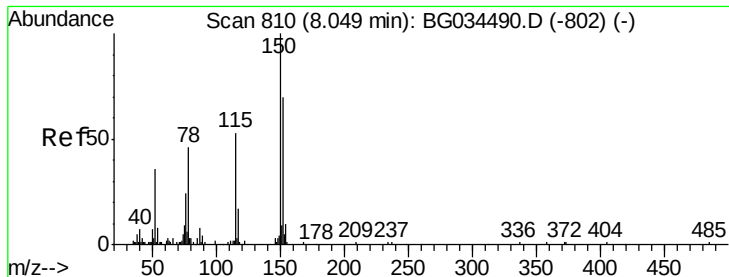
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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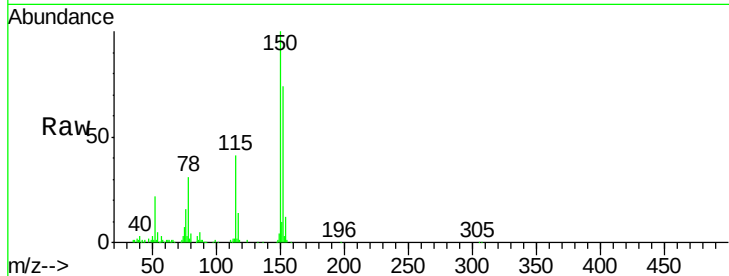




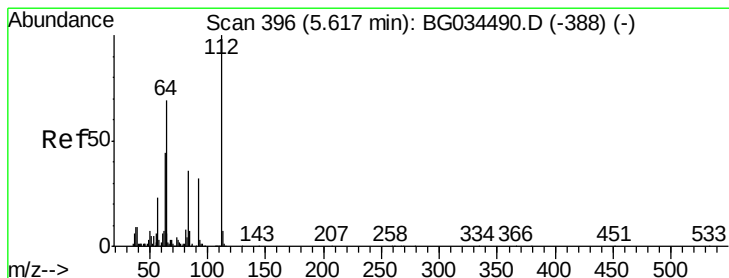
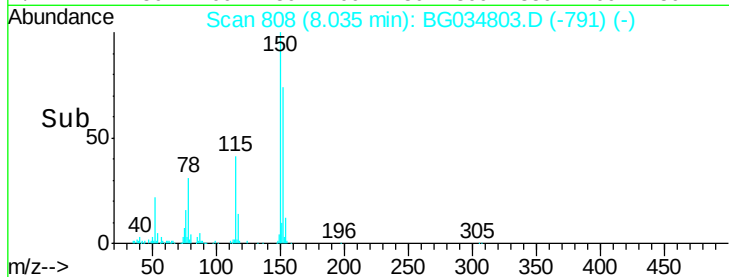
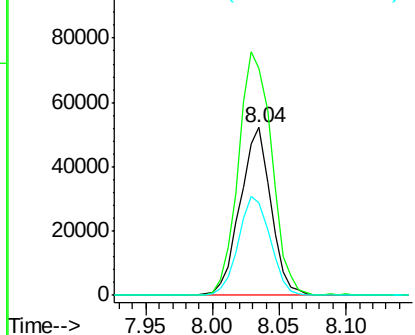
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. 0.00 min
Lab File: BG034803.D
Acq: 30 May 2018 11:40

Tot Ion	Ratio	Lower	Upper
152	100		
150	135.2	126.6	189.8
115	55.1	53.0	79.4



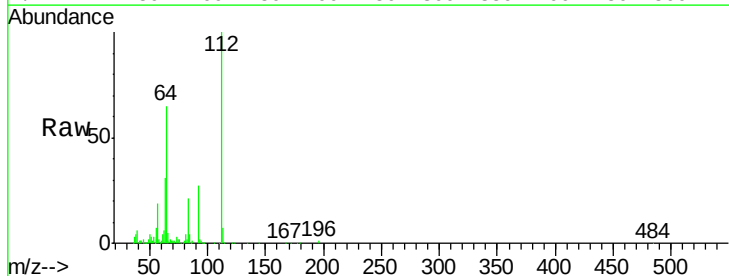
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



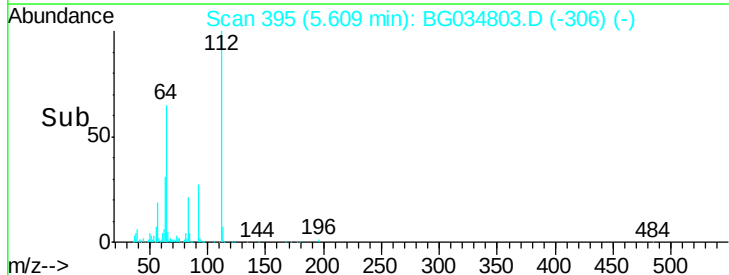
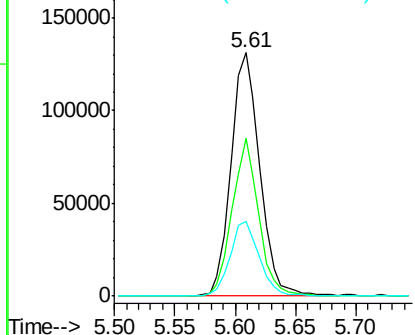
#5

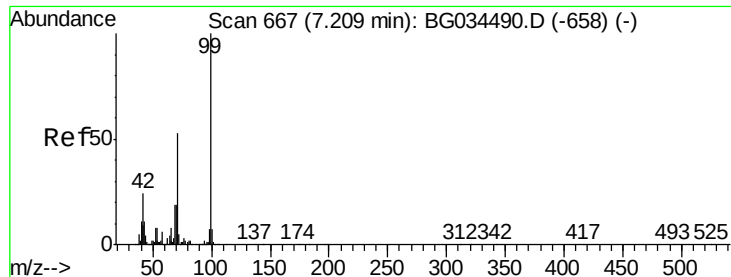
2-Fluorophenol
Concen: 40.409 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG034803.D
Acq: 30 May 2018 11:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	56.3	84.5
63	30.8	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: 21.744 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG034803.D

Acq: 30 May 2018 11:40

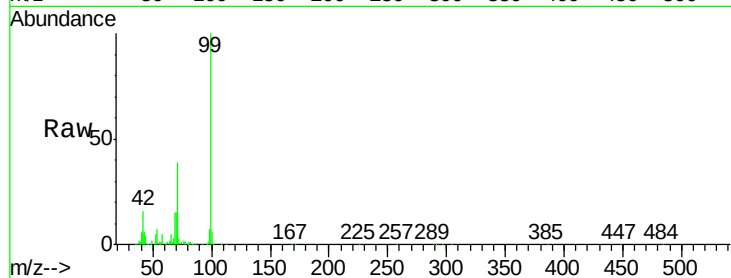
Tot Ion: 99 Resp: 189980

Ion Ratio Lower Upper

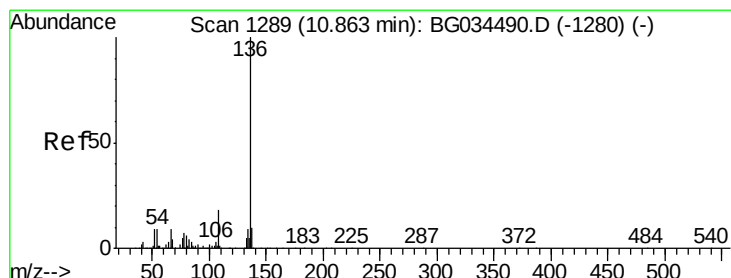
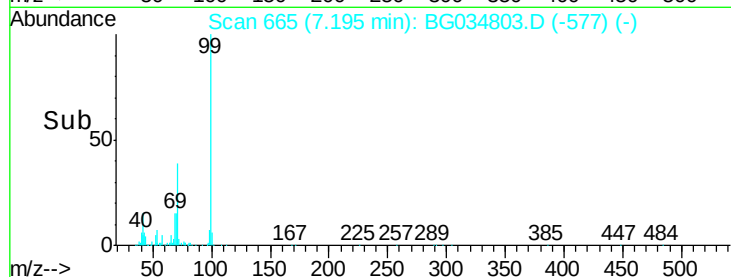
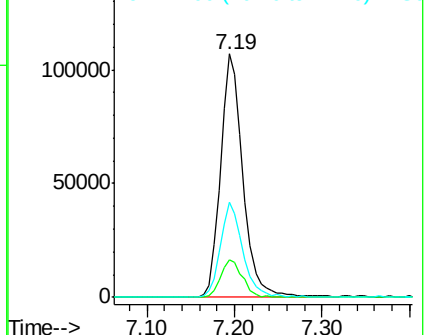
99 100

42 15.6 14.1 21.1

71 39.1 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: BG034803.D

Acq: 30 May 2018 11:40

Tgt Ion: 136 Resp: 306513

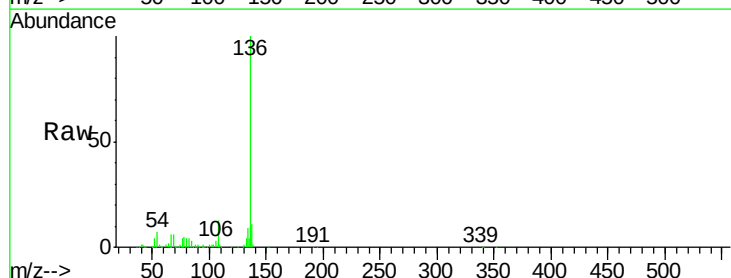
Ion Ratio Lower Upper

136 100

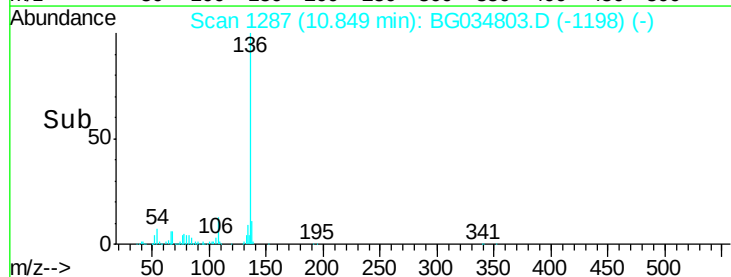
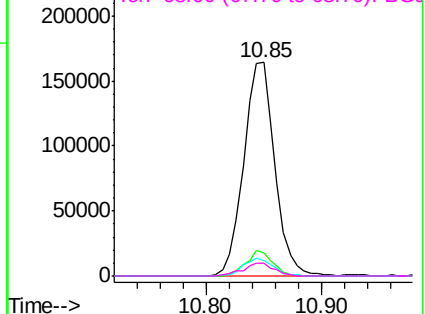
137 11.1 9.2 13.8

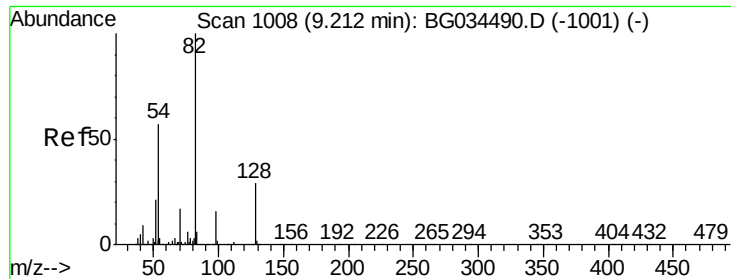
54 7.2 10.3 15.5#

68 6.1 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: 80.419 ng

RT: 9.20 min Scan# 1006

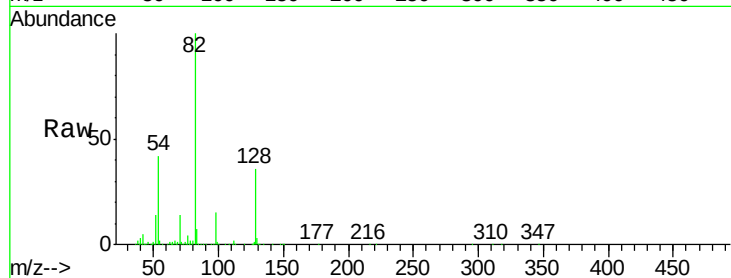
Delta R.T. -0.01 min

Lab File: BG034803.D

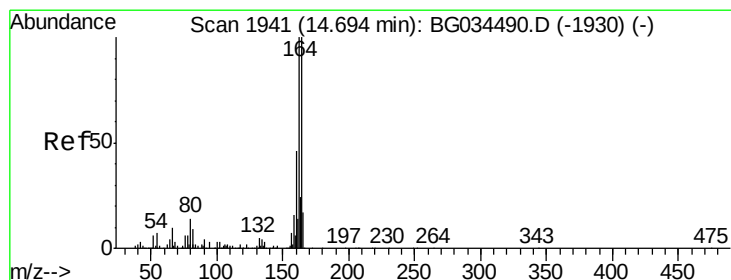
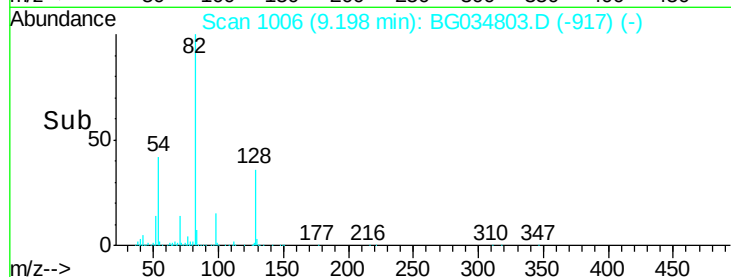
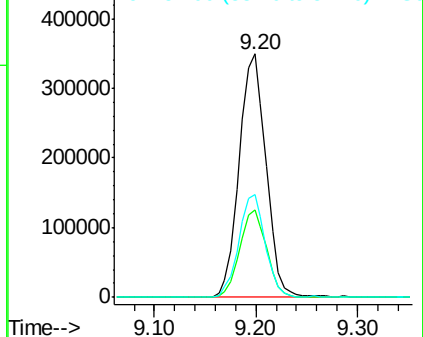
Acq: 30 May 2018 11:40

Tot Ion: 82 Resp: 645271

Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.7	44.5
54	42.3	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: 14.68 min Scan# 1939

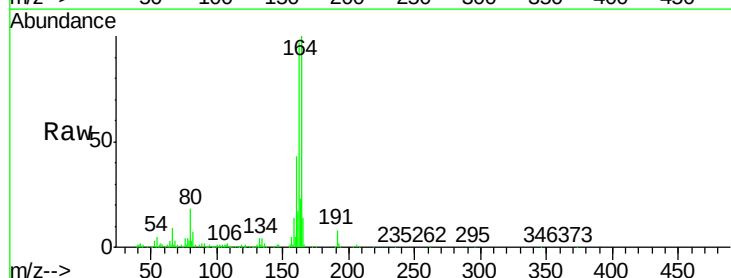
Delta R.T. -0.01 min

Lab File: BG034803.D

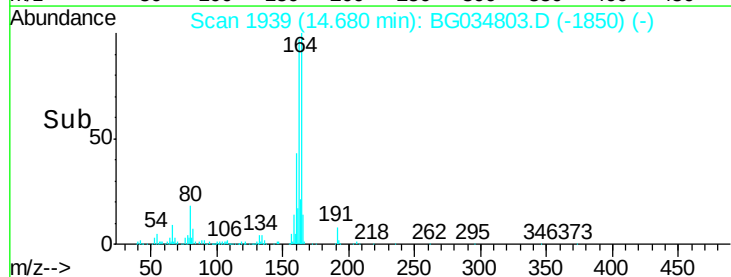
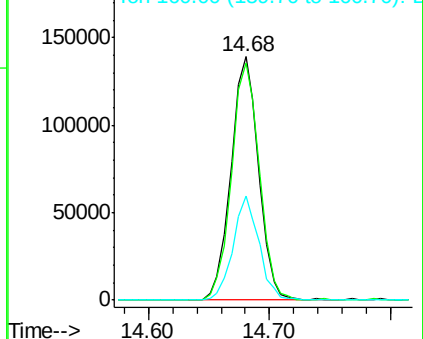
Acq: 30 May 2018 11:40

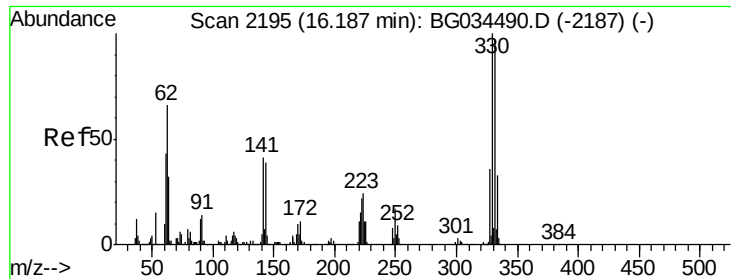
Tgt Ion: 164 Resp: 220893

Ion	Ratio	Lower	Upper
164	100		
162	97.4	78.8	118.2
160	42.6	35.4	53.0



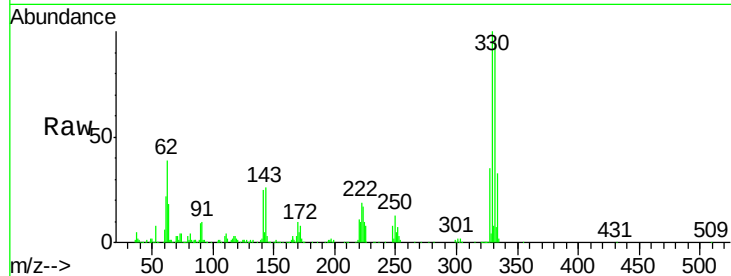
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



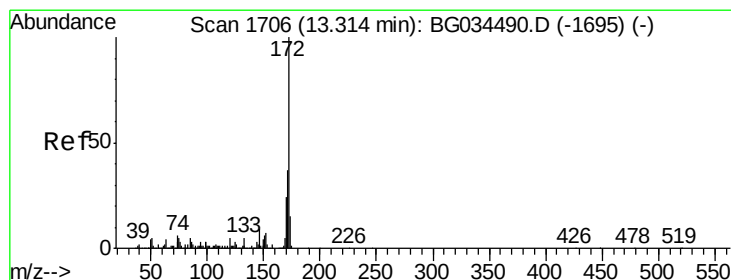
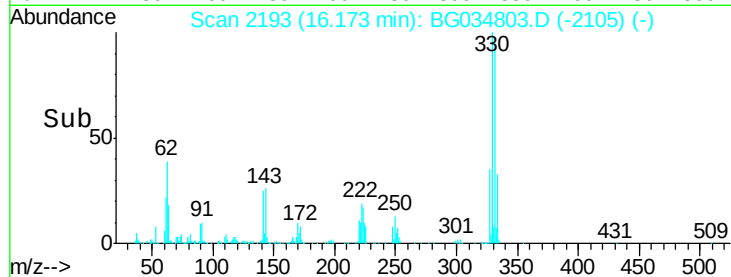
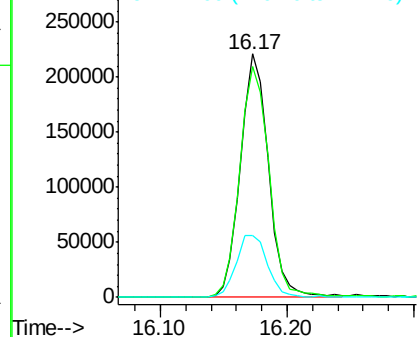


#41
 2,4,6-Tribromophenol
 Concen: 88.917 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG034803.D
 Acq: 30 May 2018 11:40

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	28.4	25.2	37.8

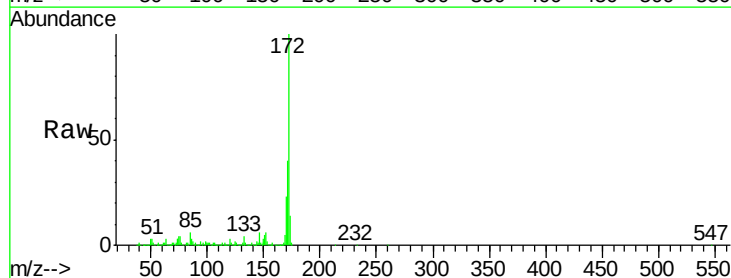


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

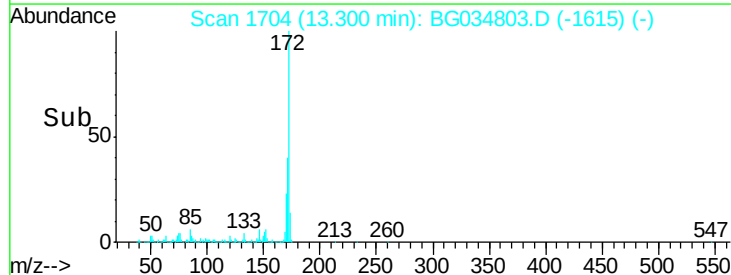
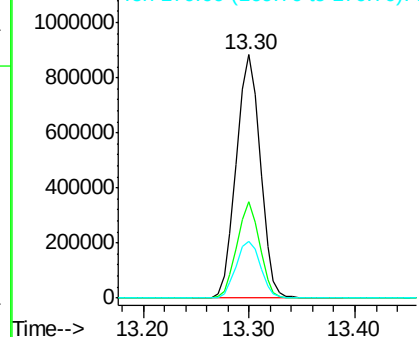


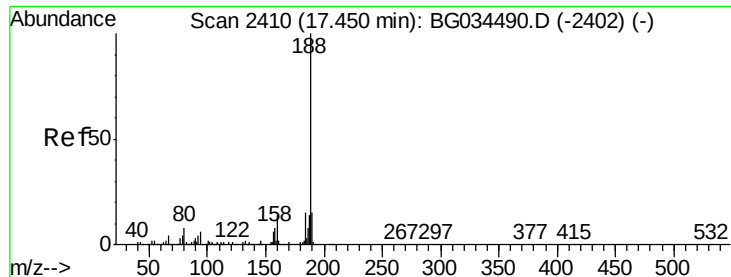
#44
 2-Fluorobiphenyl
 Concen: 85.378 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG034803.D
 Acq: 30 May 2018 11:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	30.0	45.0
170	23.3	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: BG034803.D

Acq: 30 May 2018 11:40

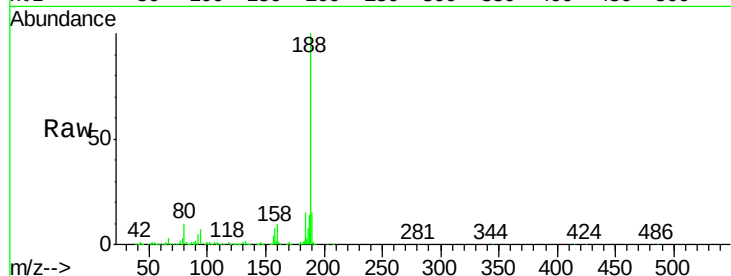
Tot Ion:188 Resp: 586949

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

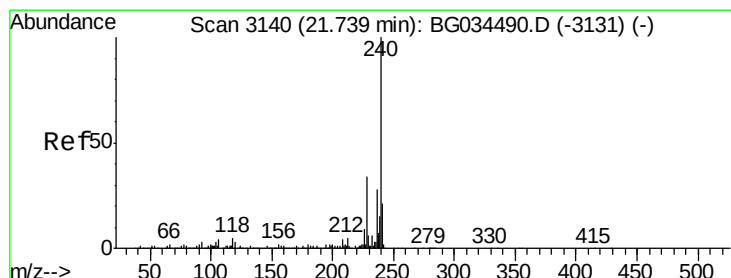
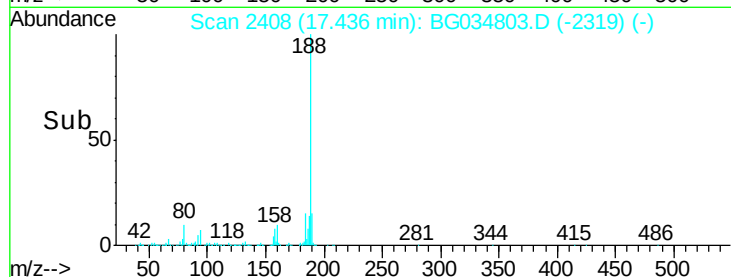
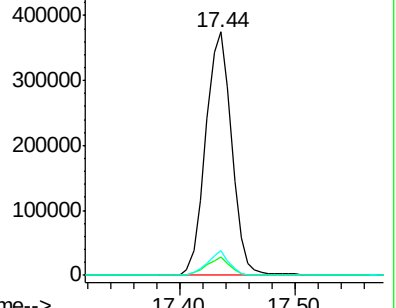
80 10.1 7.7 11.5



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: BG034803.D

Acq: 30 May 2018 11:40

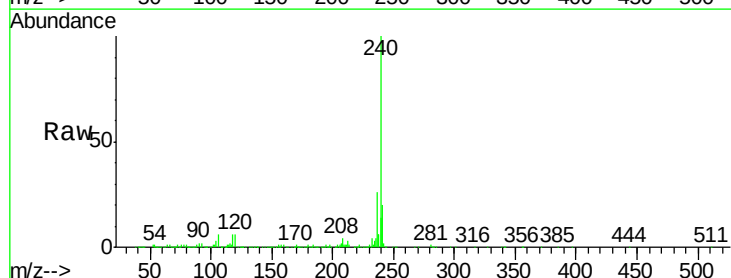
Tgt Ion:240 Resp: 691060

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

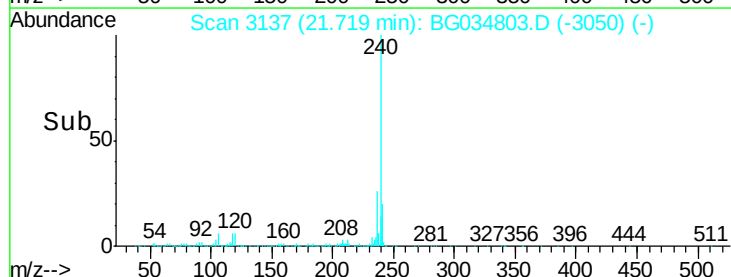
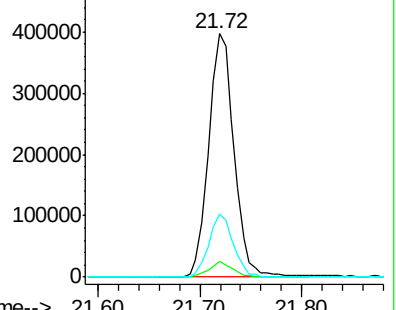
236 26.1 20.9 31.3

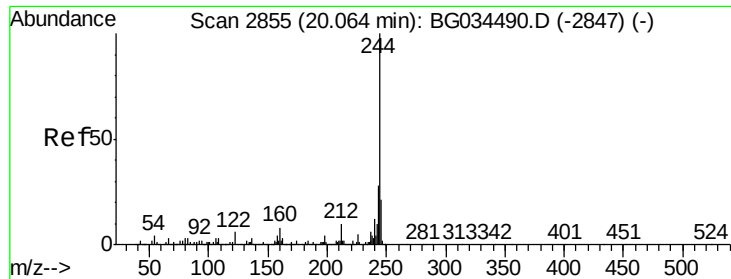


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.786 ng

RT: 20.05 min Scan# 2853

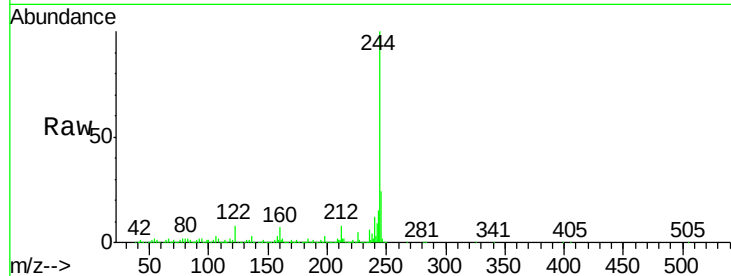
Delta R.T. -0.01 min

Lab File: BG034803.D

Acq: 30 May 2018 11:40

Tot Ion:244 Resp: 2766380

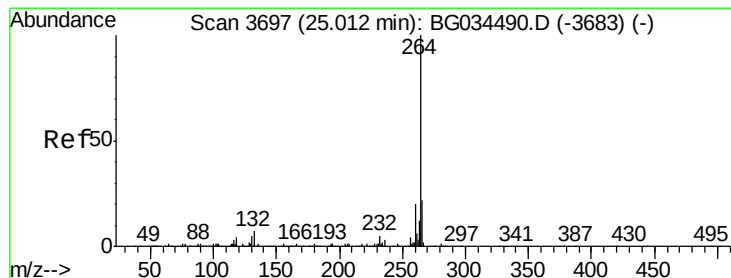
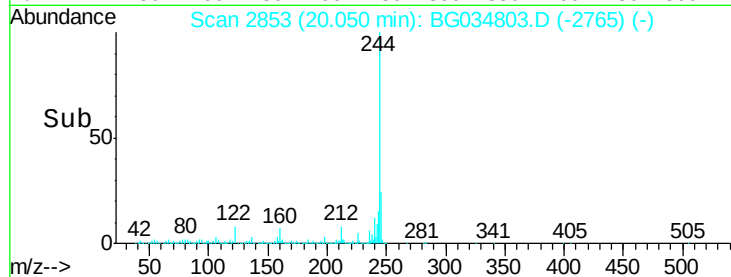
Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	7.7	7.0	10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3692

Delta R.T. -0.02 min

Lab File: BG034803.D

Acq: 30 May 2018 11:40

Tgt Ion:264 Resp: 714889

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.7	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

