

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052918\
 Data File : BG034792.D
 Acq On : 30 May 2018 00:44
 Operator : SJ/JU
 Sample : J3174-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 30 04:58:41 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

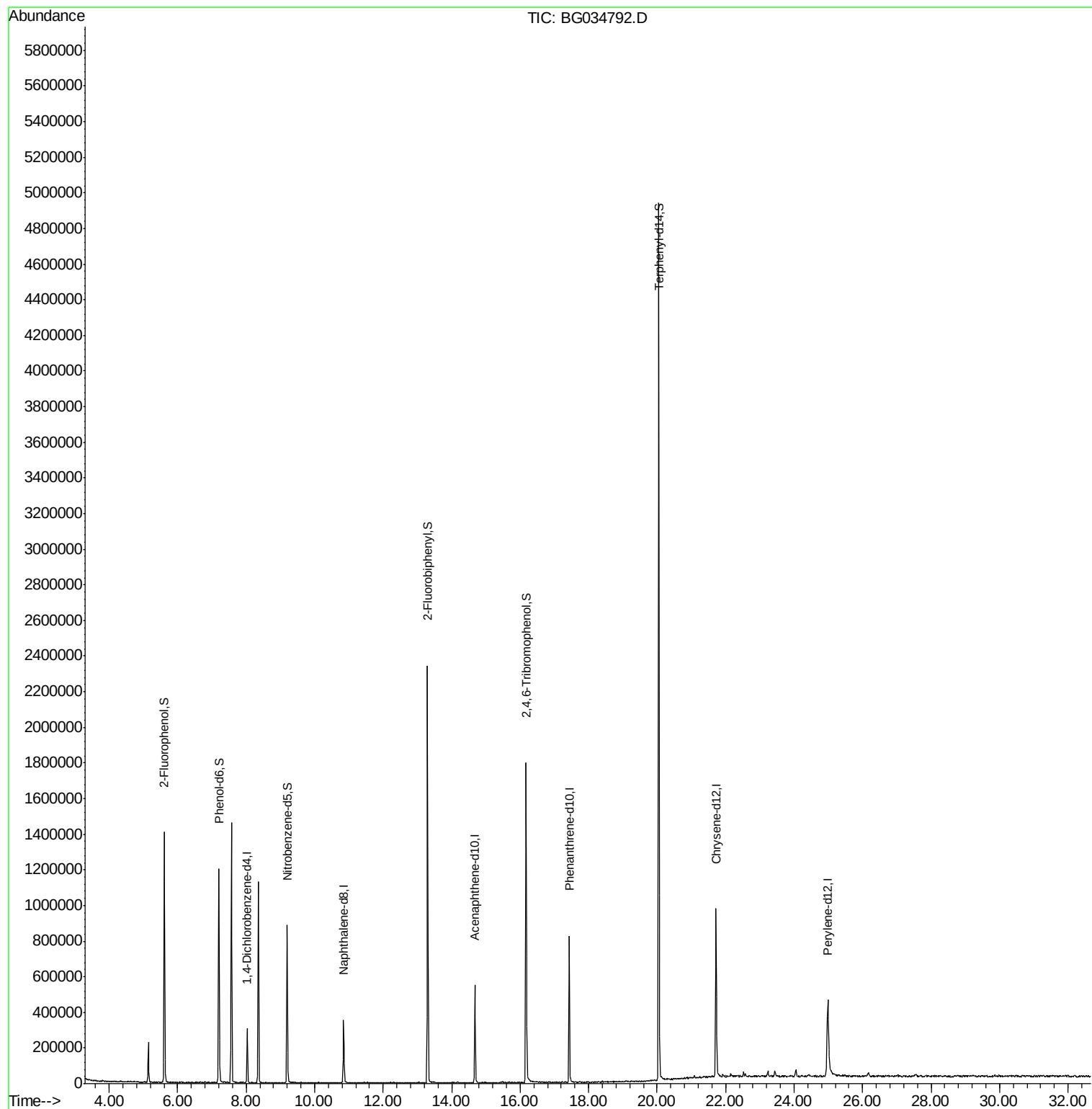
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	81161	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	303964	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	204049	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	548126	20.00	ng	0.00
75) Chrysene-d12	21.72	240	645469	20.00	ng	-0.01
86) Perylene-d12	24.98	264	636117	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	647899	122.95	ng	0.00
7) Phenol-d6	7.20	99	824005	96.67	ng	0.00
23) Nitrobenzene-d5	9.20	82	618289	77.70	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	419171	119.28	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1305271	86.85	ng	0.00
78) Terphenyl-d14	20.05	244	2556871	86.87	ng	-0.01

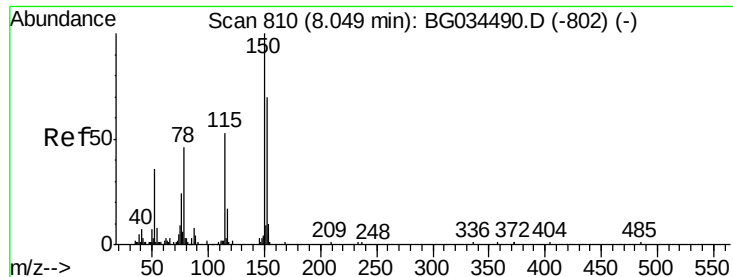
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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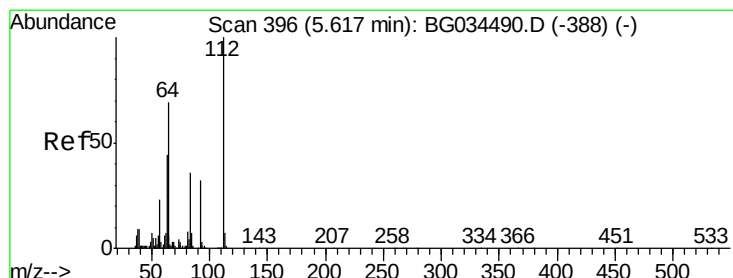
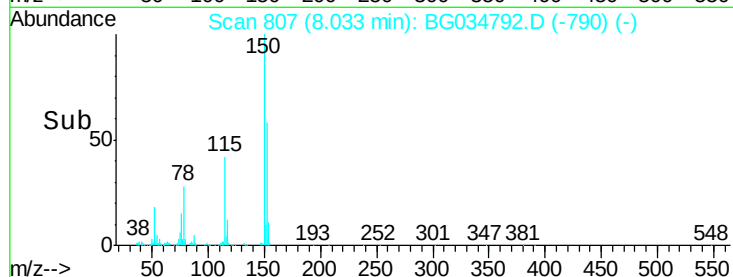
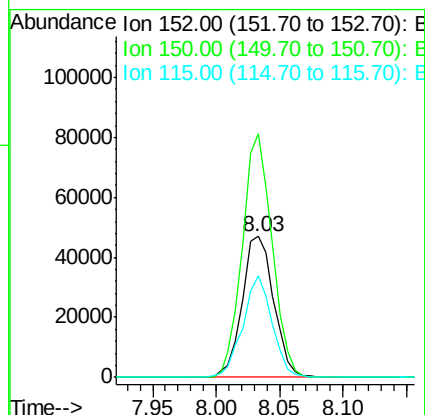
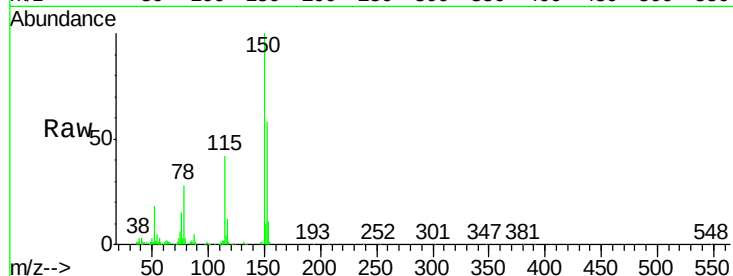




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG034792.D
Acq: 30 May 2018 00:44

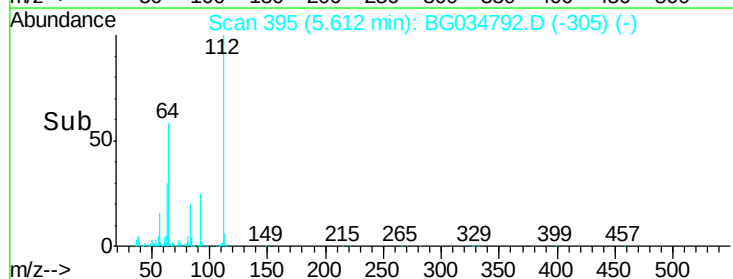
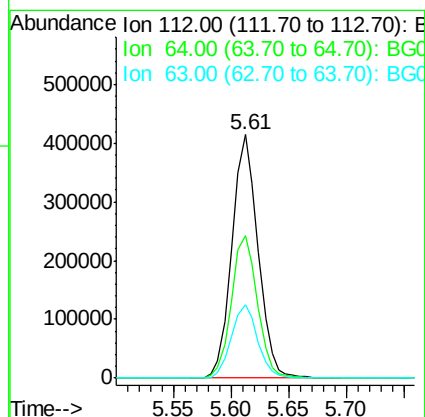
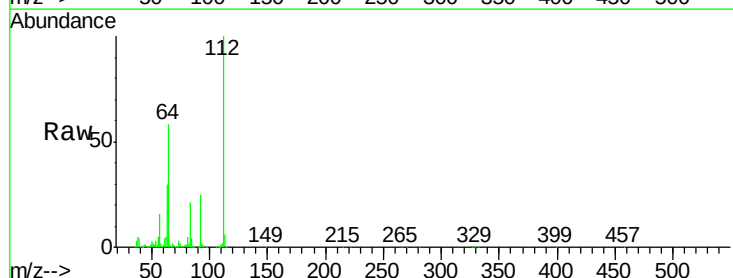
Tot Ion	Ratio	Lower	Upper
152	100		
150	172.9	126.6	189.8
115	72.3	53.0	79.4

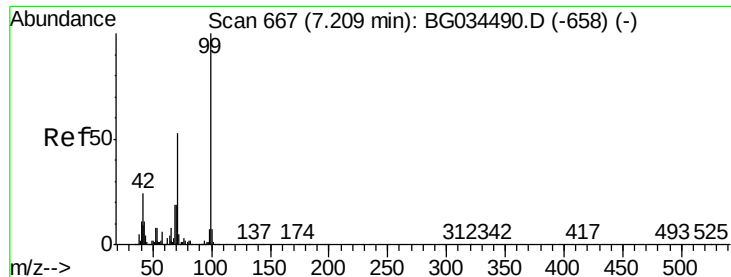


#5

2-Fluorophenol
Concen: 122.955 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG034792.D
Acq: 30 May 2018 00:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	56.3	84.5
63	29.9	30.1	45.1





#7

Phenol-d6

Concen: 96.666 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG034792.D

Acq: 30 May 2018 00:44

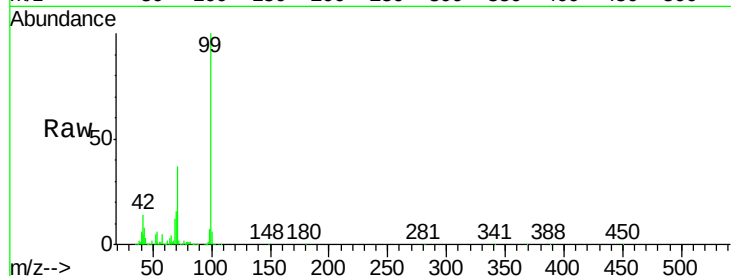
Tot Ion: 99 Resp: 824005

Ion Ratio Lower Upper

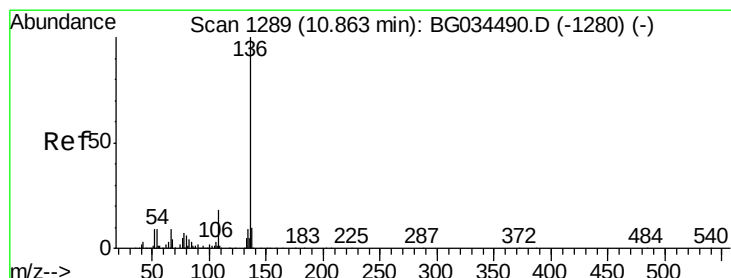
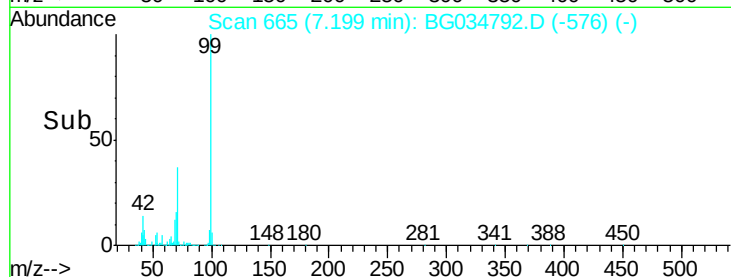
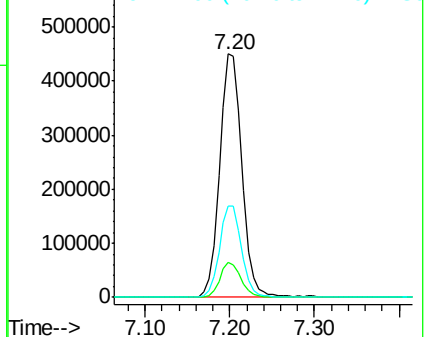
99 100

42 14.1 14.1 21.1

71 37.4 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: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG034792.D

Acq: 30 May 2018 00:44

Tgt Ion: 136 Resp: 303964

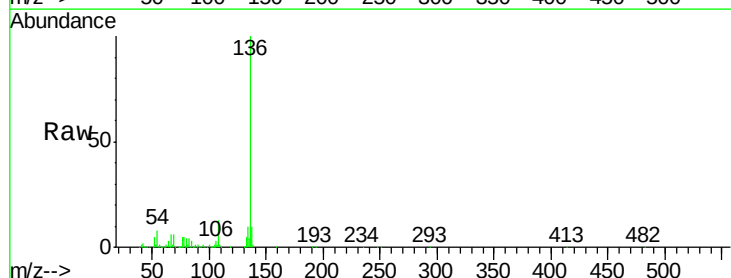
Ion Ratio Lower Upper

136 100

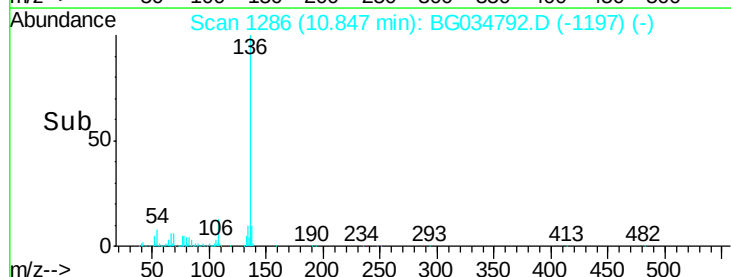
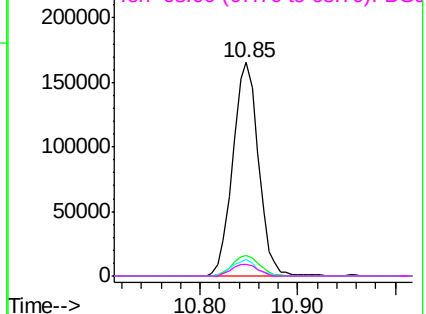
137 9.5 9.2 13.8

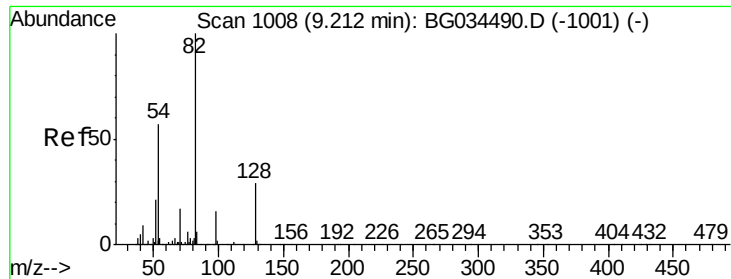
54 7.9 10.3 15.5#

68 5.6 4.5 6.7



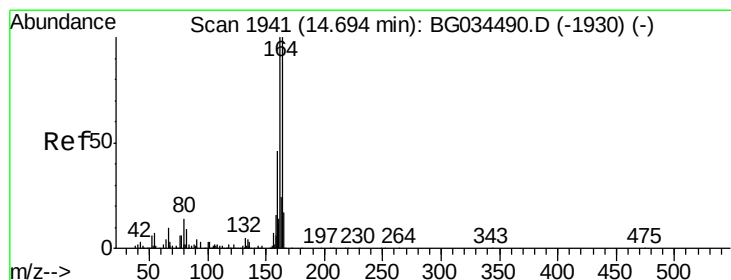
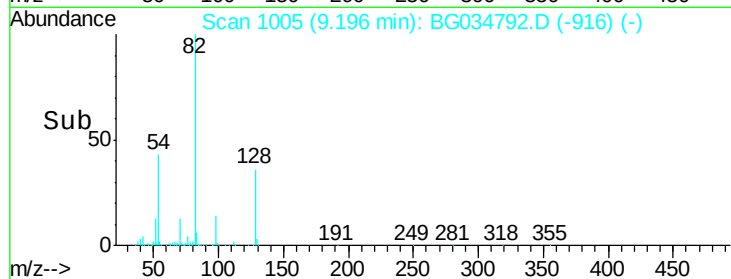
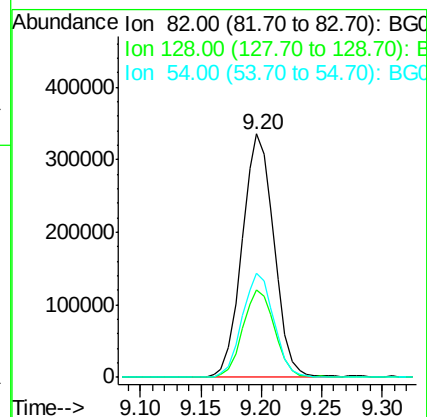
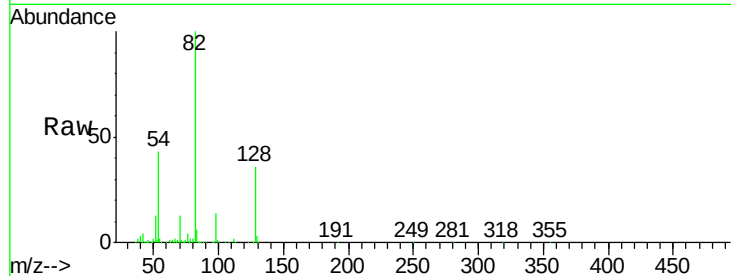
Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





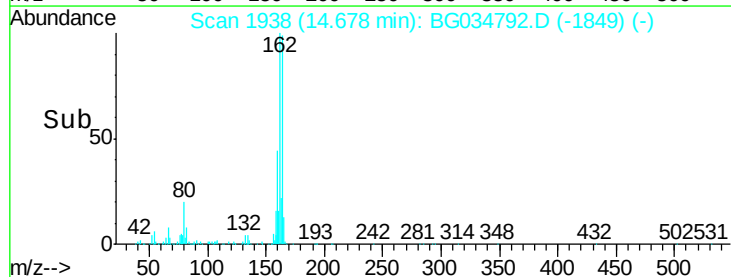
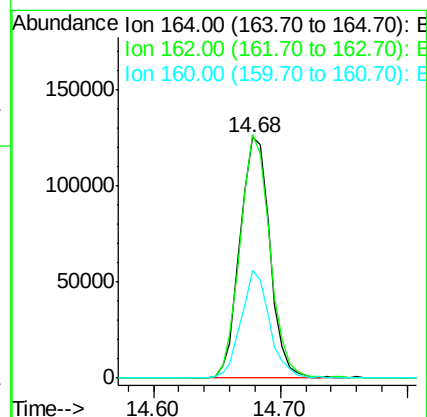
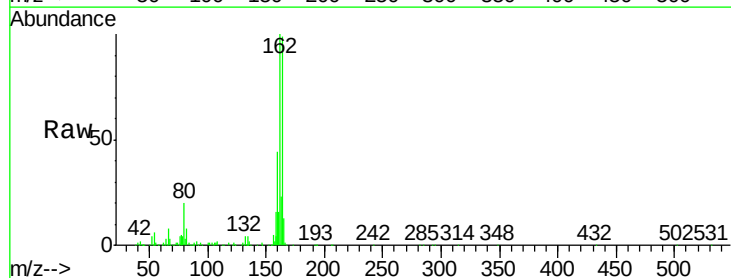
#23
 Nitrobenzene-d5
 Concen: 77.703 ng
 RT: 9.20 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BG034792.D
 Acq: 30 May 2018 00:44

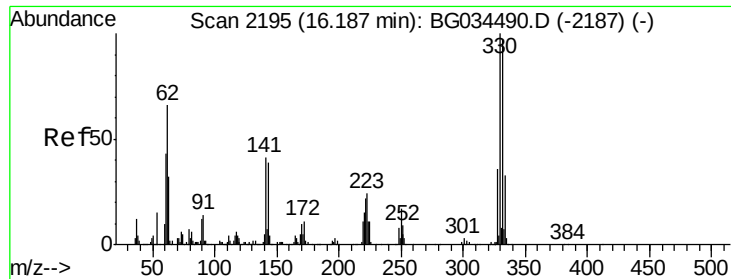
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	43.0	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG034792.D
 Acq: 30 May 2018 00:44

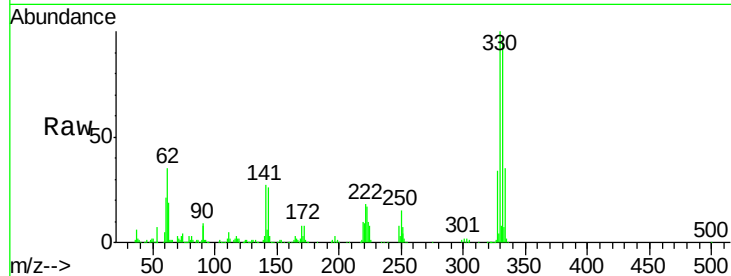
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.8	118.2
160	44.6	35.4	53.0



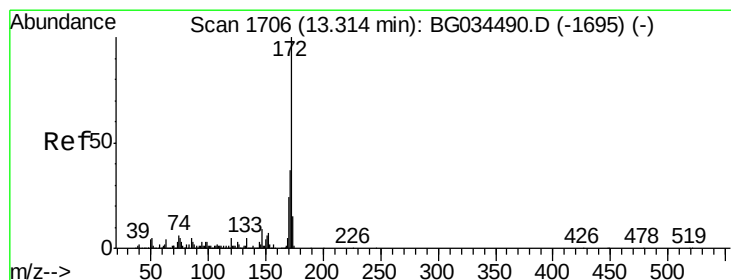
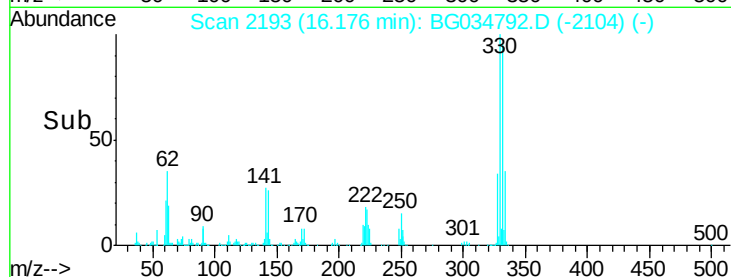
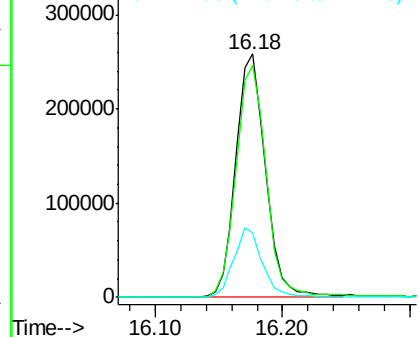


#41
 2,4,6-Tribromophenol
 Concen: 119.277 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG034792.D
 Acq: 30 May 2018 00:44

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	27.7	25.2	37.8

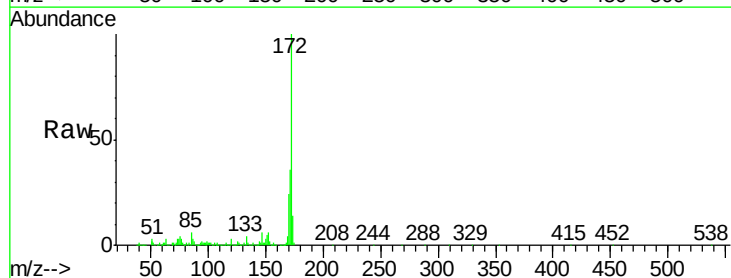


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

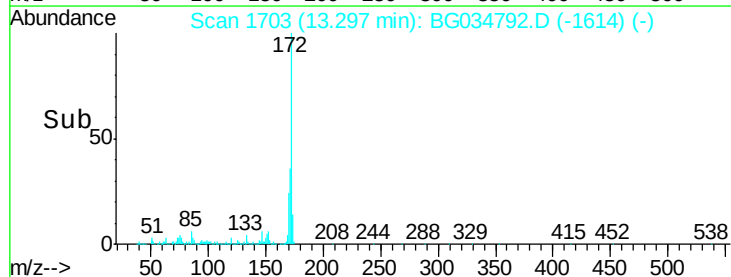
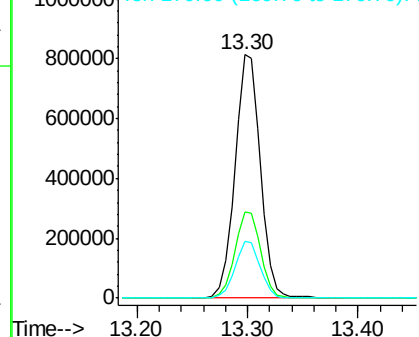


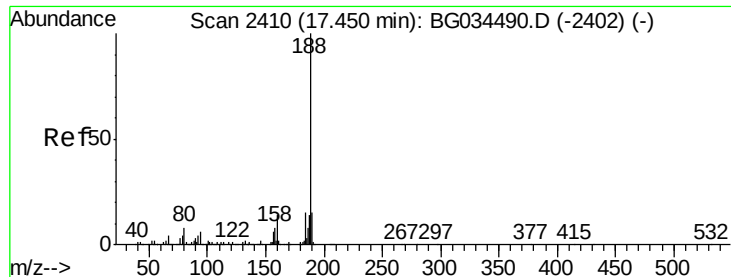
#44
 2-Fluorobiphenyl
 Concen: 86.845 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG034792.D
 Acq: 30 May 2018 00:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	23.5	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG034792.D

Acq: 30 May 2018 00:44

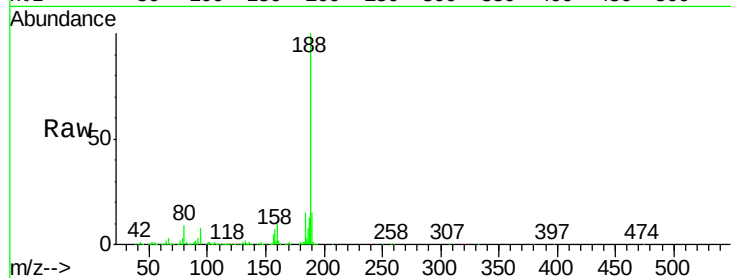
Tot Ion:188 Resp: 548126

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

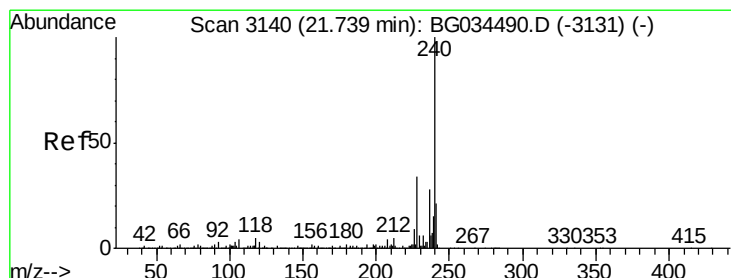
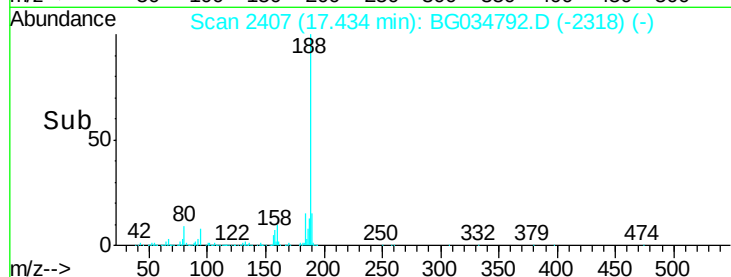
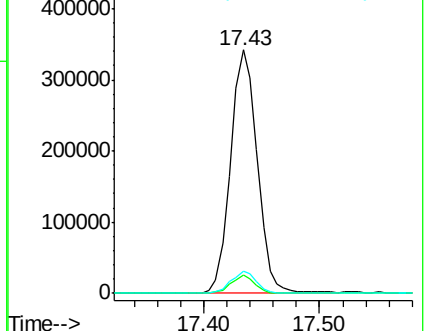
80 9.3 7.7 11.5



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. -0.01 min

Lab File: BG034792.D

Acq: 30 May 2018 00:44

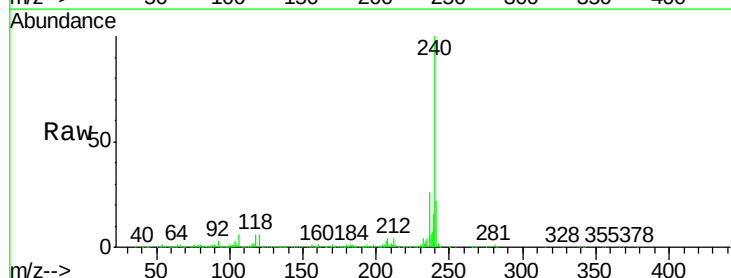
Tgt Ion:240 Resp: 645469

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

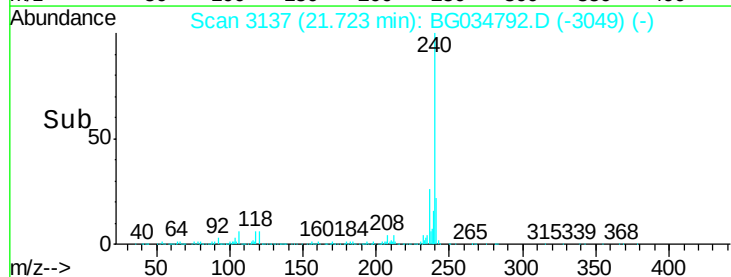
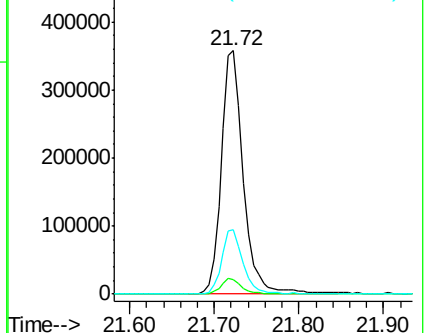
236 26.3 20.9 31.3

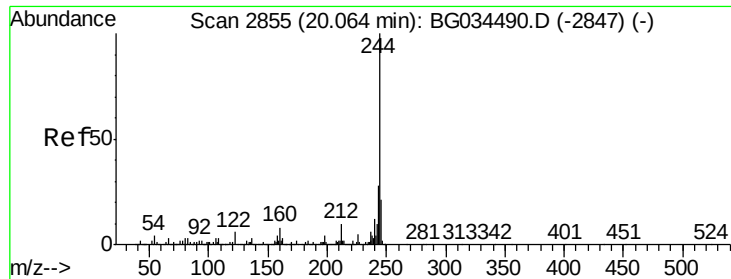


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.869 ng

RT: 20.05 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG034792.D

Acq: 30 May 2018 00:44

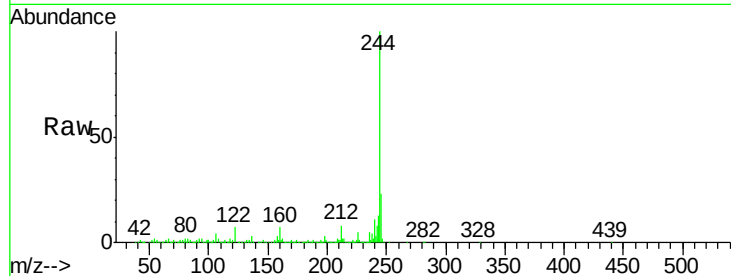
Tot Ion:244 Resp: 2556871

Ion Ratio Lower Upper

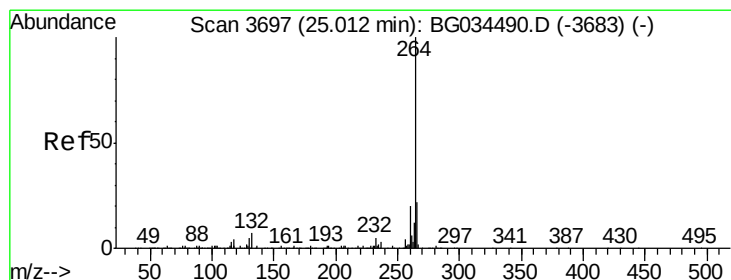
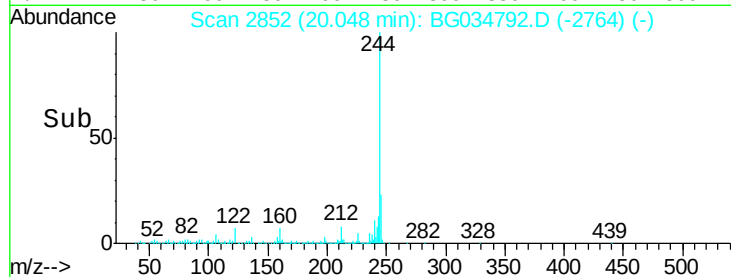
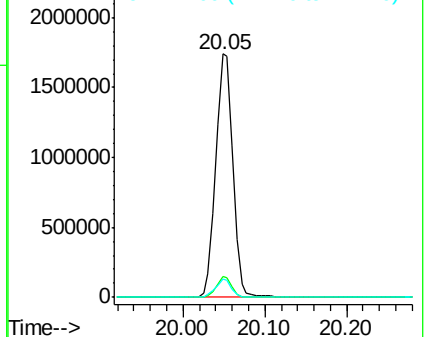
244 100

212 8.4 5.8 8.8

122 7.4 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# 3691

Delta R.T. -0.03 min

Lab File: BG034792.D

Acq: 30 May 2018 00:44

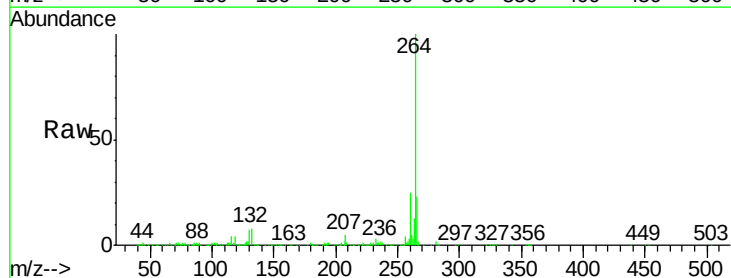
Tgt Ion:264 Resp: 636117

Ion Ratio Lower Upper

264 100

260 25.1 17.4 26.0

265 22.8 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

