

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070317\
 Data File : BG027842.D
 Acq On : 3 Jul 2017 21:32
 Operator : SJ/JU
 Sample : I3997-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW13-13-14-GRAB

Quant Time: Jul 04 07:33:52 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

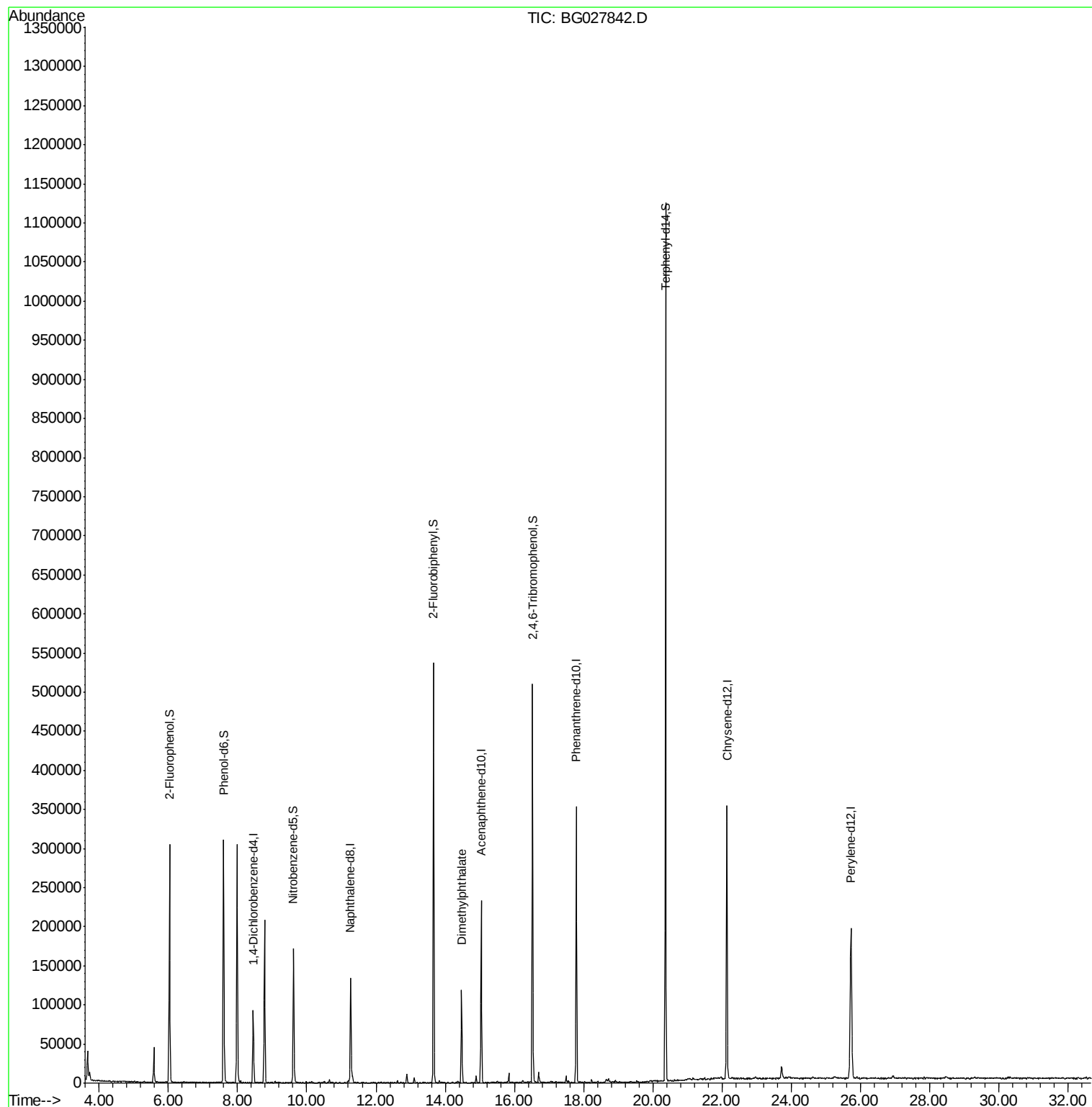
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	26731	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	127200	20.00	ng	-0.03
38) Acenaphthene-d10	15.04	164	82479	20.00	ng	-0.03
63) Phenanthrene-d10	17.79	188	222974	20.00	ng	-0.03
75) Chrysene-d12	22.14	240	234194	20.00	ng	-0.03
86) Perylene-d12	25.73	264	235534	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	137394	79.15	ng	-0.03
7) Phenol-d6	7.59	99	186865	70.46	ng	-0.02
23) Nitrobenzene-d5	9.62	82	109086	47.80	ng	-0.03
41) 2,4,6-Tribromophenol	16.53	330	104465	92.34	ng	-0.03
44) 2-Fluorobiphenyl	13.66	172	281196	48.69	ng	-0.03
78) Terphenyl-d14	20.37	244	509563	51.01	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.47	163	83450	11.860	ng	Qvalue 96

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

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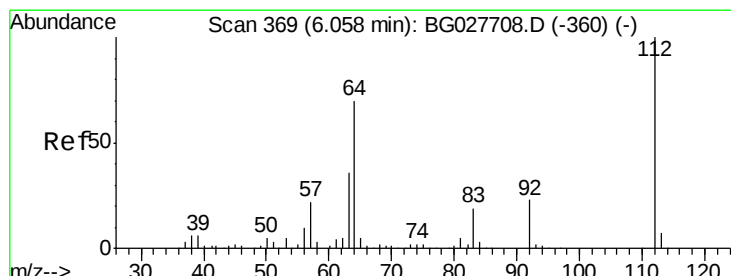
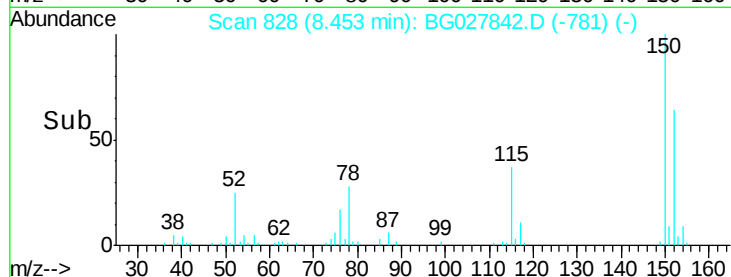
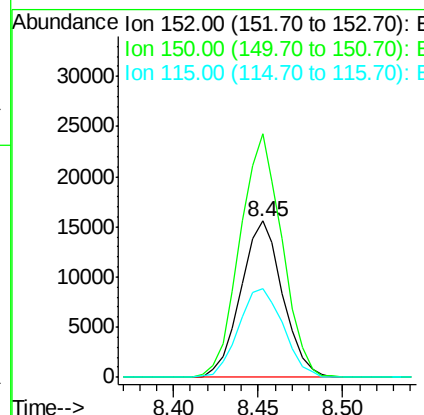
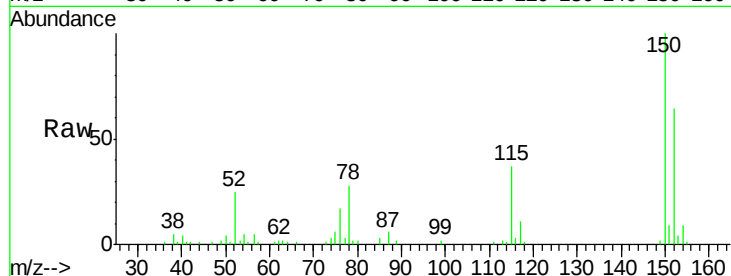


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 828
Delta R.T. -0.03 min
Lab File: BG027842.D
Acq: 3 Jul 2017 21:32

Instrument :
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ClientSampleId :
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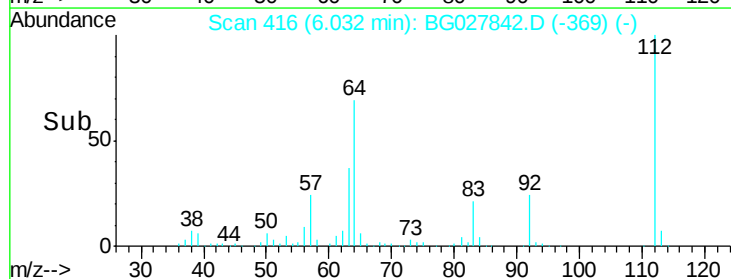
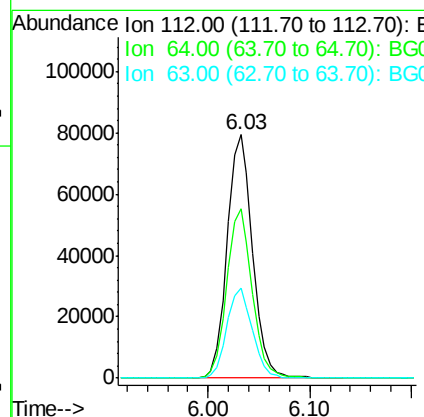
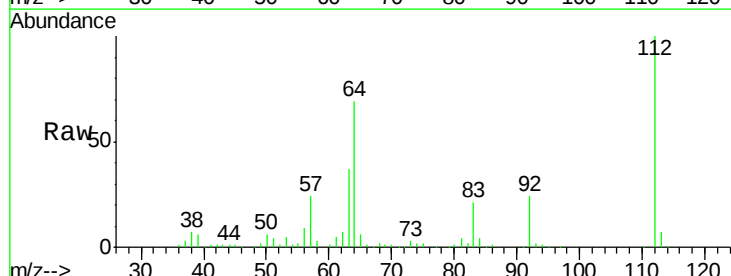
Tgt Ion:152 Resp: 26731
Ion Ratio Lower Upper
152 100
150 155.6 114.0 171.0
115 57.0 48.1 72.1



#5

2-Fluorophenol
Concen: 79.149 ng
RT: 6.03 min Scan# 416
Delta R.T. -0.03 min
Lab File: BG027842.D
Acq: 3 Jul 2017 21:32

Tgt Ion:112 Resp: 137394
Ion Ratio Lower Upper
112 100
64 69.5 61.8 92.6
63 36.8 37.2 55.8#





#7

Phenol-d6

Concen: 70.465 ng

RT: 7.59 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027842.D

Acq: 3 Jul 2017 21:32

Instrument :

BNA_G

ClientSampleId :

MW13-13-14-GRAB

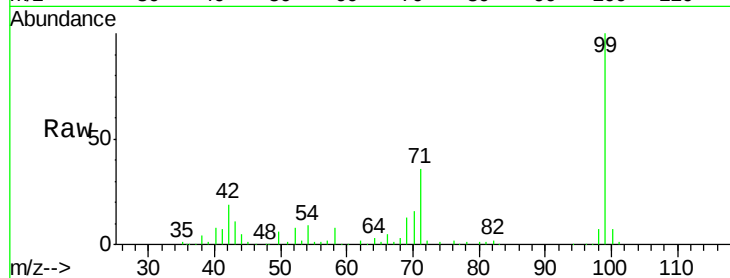
Tgt Ion: 99 Resp: 186865

Ion Ratio Lower Upper

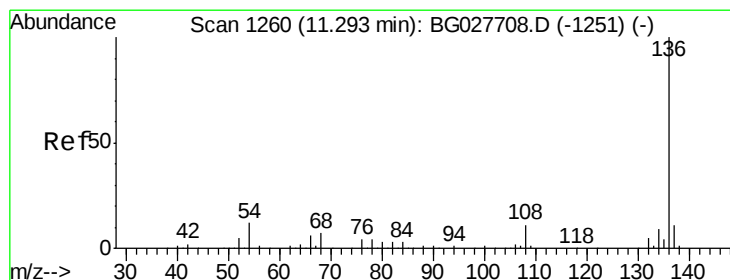
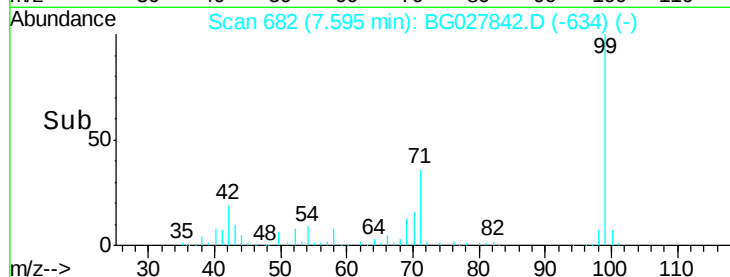
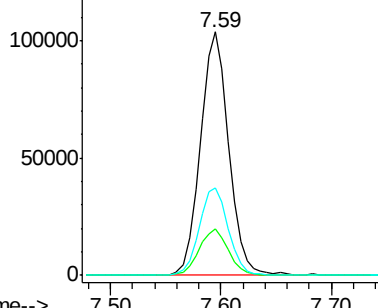
99 100

42 18.9 20.5 30.7#

71 35.8 37.6 56.4#



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: 11.27 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BG027842.D

Acq: 3 Jul 2017 21:32

Tgt Ion: 136 Resp: 127200

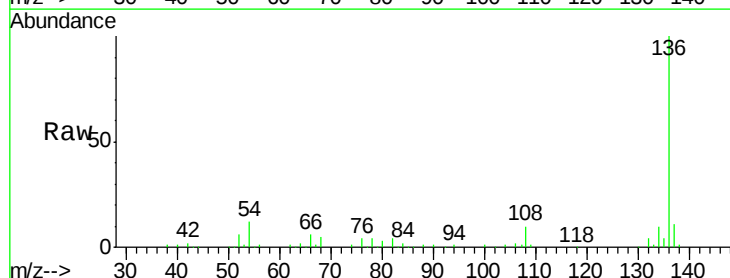
Ion Ratio Lower Upper

136 100

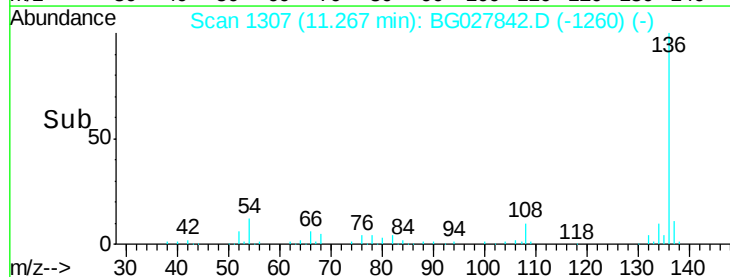
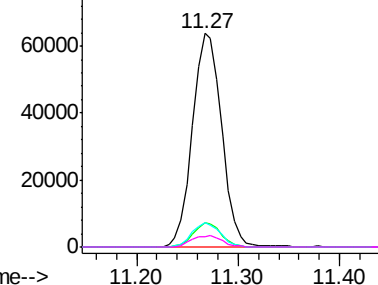
137 11.4 8.9 13.3

54 11.6 9.3 13.9

68 4.6 5.1 7.7#



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

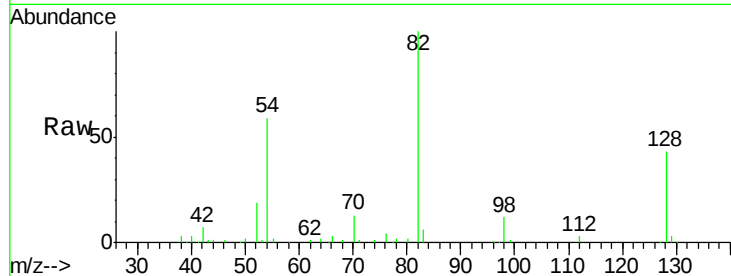




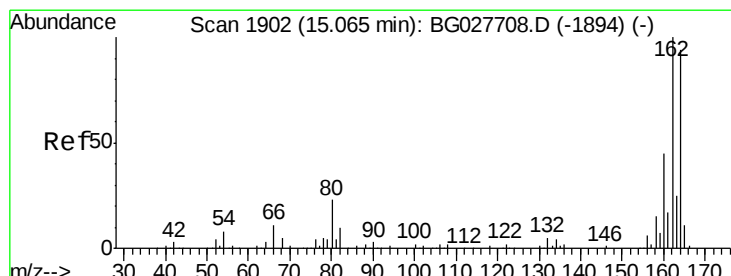
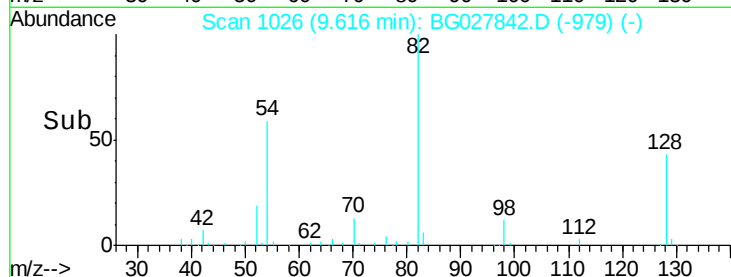
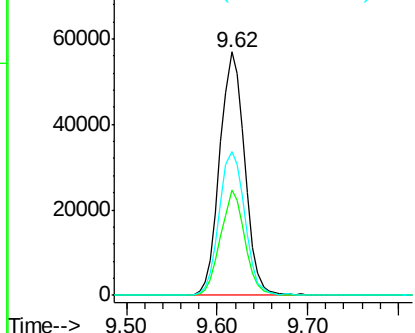
#23
 Nitrobenzene-d5
 Concen: 47.803 ng
 RT: 9.62 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BG027842.D
 Acq: 3 Jul 2017 21:32

Instrument :
 BNA_G
 ClientSampleId :
 MW13-13-14-GRAB

Tgt Ion: 82 Resp: 109086
 Ion Ratio Lower Upper
 82 100
 128 43.2 26.4 39.6#
 54 59.3 49.4 74.2

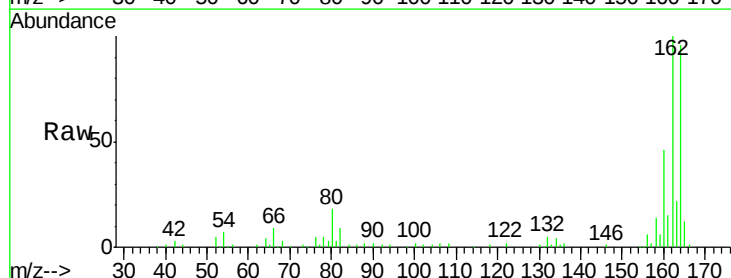


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

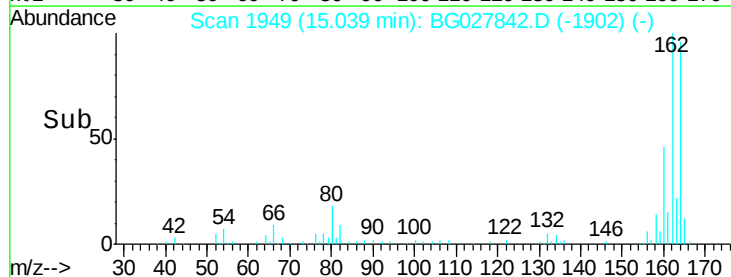
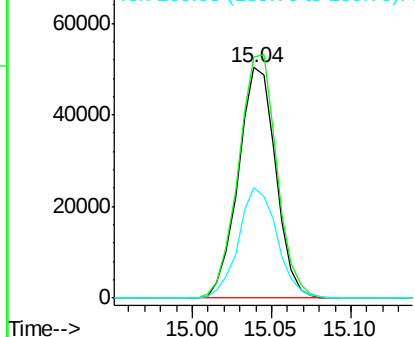


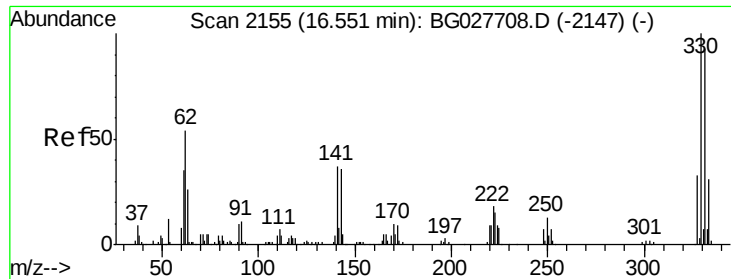
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.04 min Scan# 1949
 Delta R.T. -0.03 min
 Lab File: BG027842.D
 Acq: 3 Jul 2017 21:32

Tgt Ion: 164 Resp: 82479
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.1 127.7
 160 48.1 34.7 52.1



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

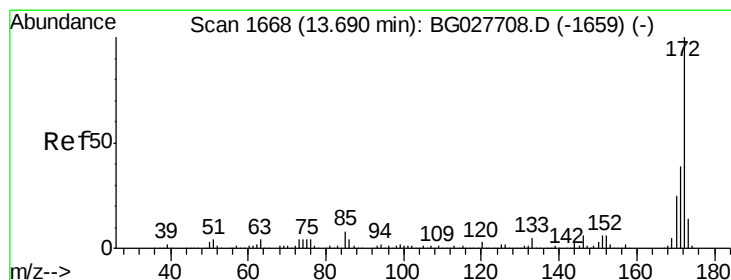
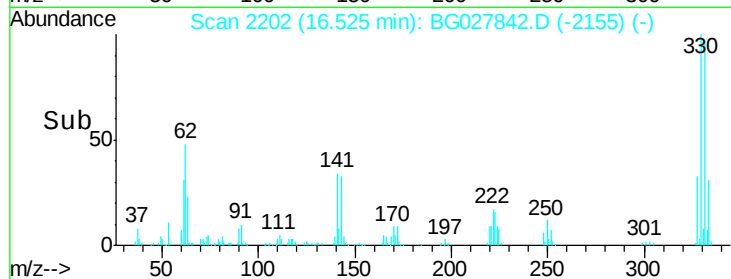
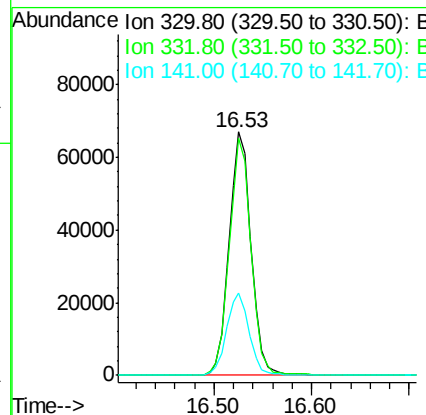
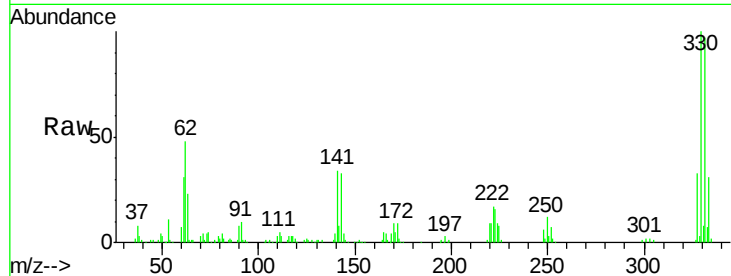




#41
 2,4,6-Tribromophenol
 Concen: 92.342 ng
 RT: 16.53 min Scan# 2202
 Delta R.T. -0.03 min
 Lab File: BG027842.D
 Acq: 3 Jul 2017 21:32

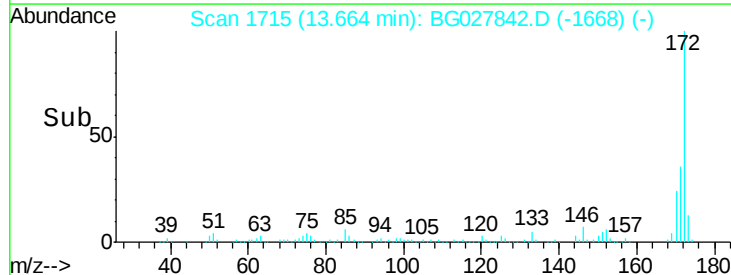
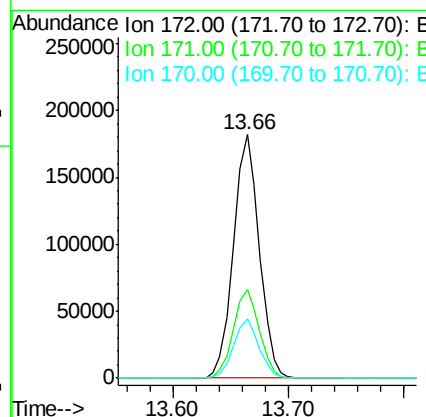
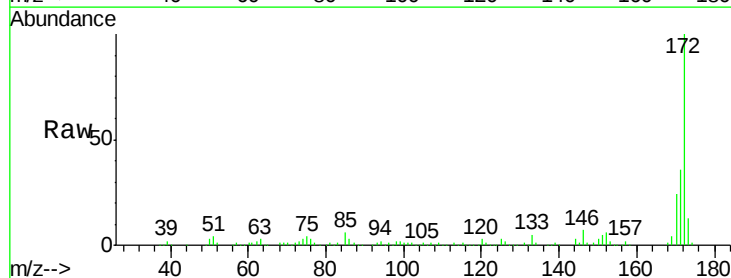
Instrument :
 BNA_G
 ClientSampleId :
 MW13-13-14-GRAB

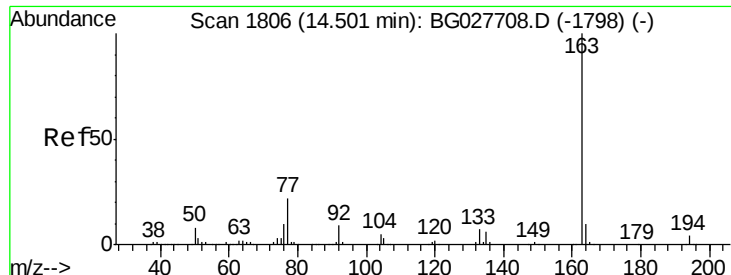
Tgt Ion:330 Resp: 104465
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 34.5 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 48.691 ng
 RT: 13.66 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027842.D
 Acq: 3 Jul 2017 21:32

Tgt Ion:172 Resp: 281196
 Ion Ratio Lower Upper
 172 100
 171 36.4 32.2 48.2
 170 24.2 21.8 32.6





#49

Dimethylphthalate

Concen: 11.860 ng

RT: 14.47 min Scan# 1853

Delta R.T. -0.03 min

Lab File: BG027842.D

Acq: 3 Jul 2017 21:32

Instrument :

BNA_G

ClientSampleId :

MW13-13-14-GRAB

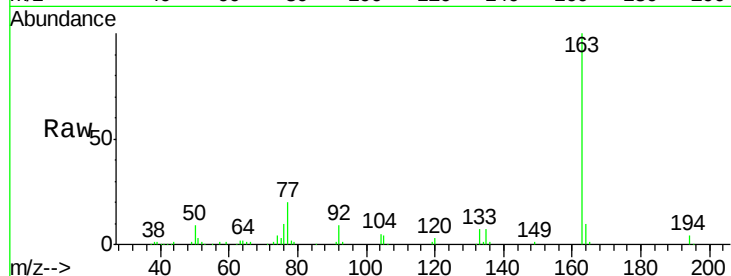
Tgt Ion:163 Resp: 83450

Ion Ratio Lower Upper

163 100

194 3.8 3.8 5.6

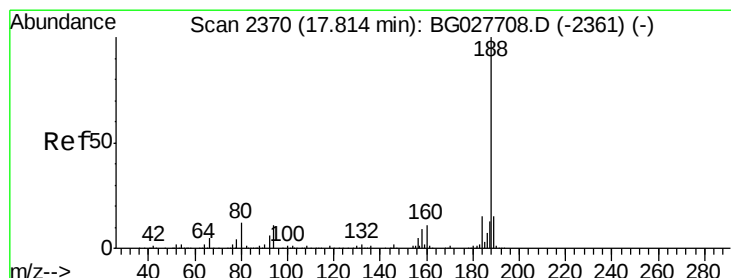
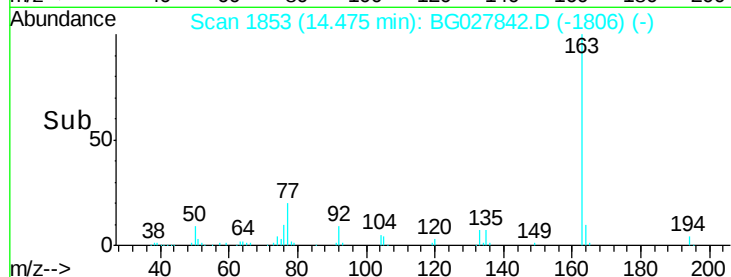
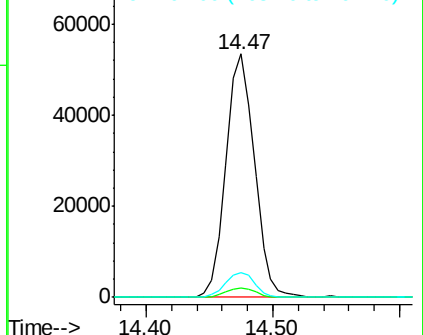
164 10.0 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.79 min Scan# 2417

Delta R.T. -0.03 min

Lab File: BG027842.D

Acq: 3 Jul 2017 21:32

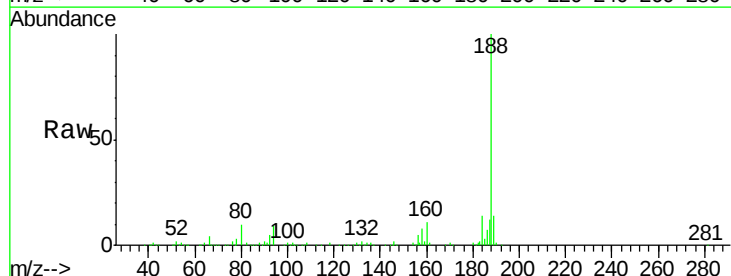
Tgt Ion:188 Resp: 222974

Ion Ratio Lower Upper

188 100

94 8.9 5.8 8.8#

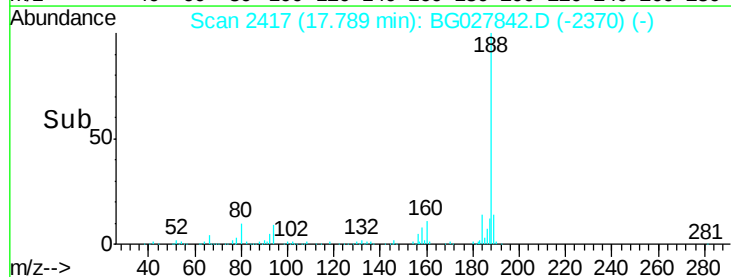
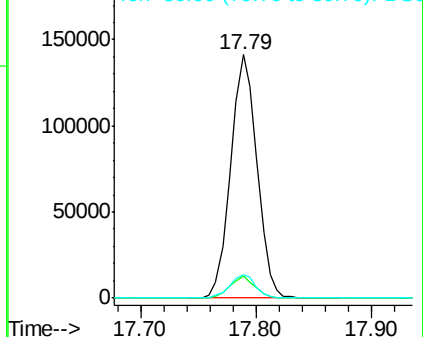
80 9.6 7.5 11.3

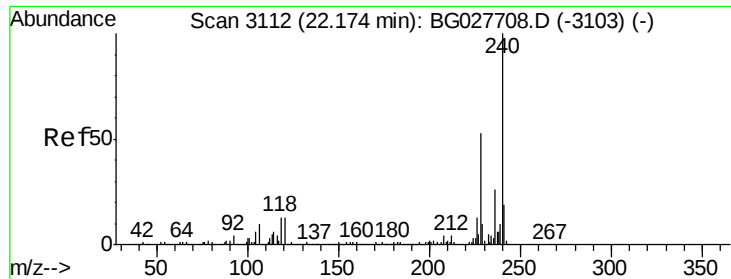


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.14 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG027842.D

Acq: 3 Jul 2017 21:32

Instrument :

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MW13-13-14-GRAB

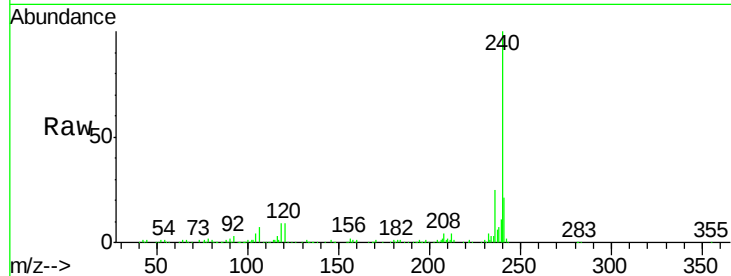
Tgt Ion:240 Resp: 234194

Ion Ratio Lower Upper

240 100

120 9.0 5.7 8.5#

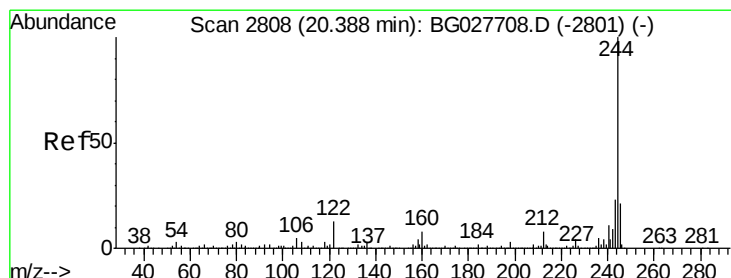
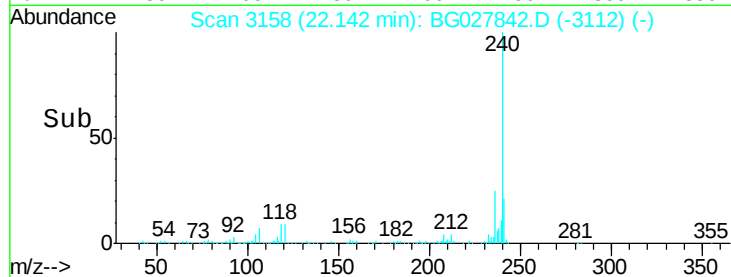
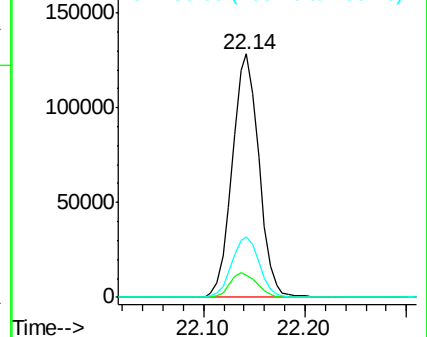
236 24.7 22.2 33.4



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: 51.009 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027842.D

Acq: 3 Jul 2017 21:32

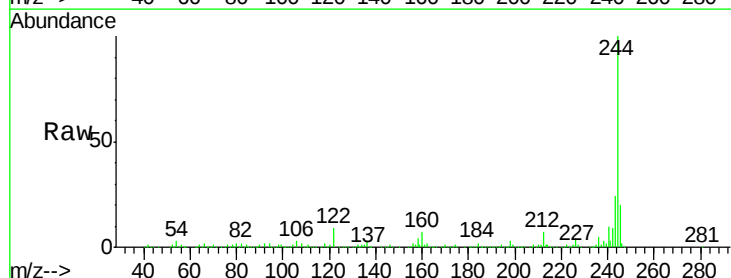
Tgt Ion:244 Resp: 509563

Ion Ratio Lower Upper

244 100

212 7.0 10.0 15.0#

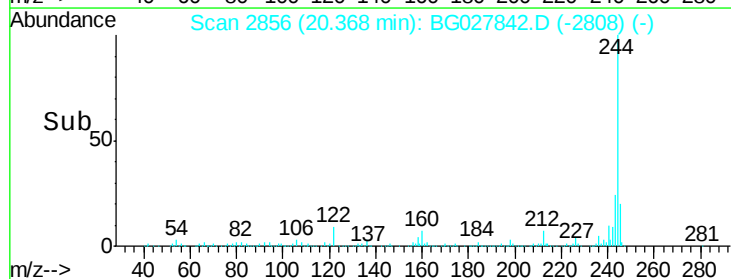
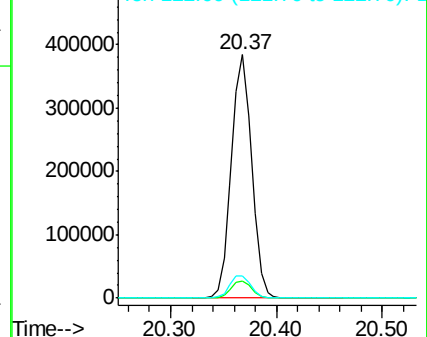
122 9.4 8.6 12.8

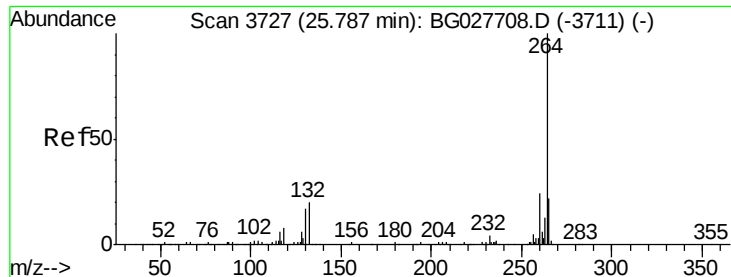


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.73 min Scan# 3769
Delta R.T. -0.06 min
Lab File: BG027842.D
Acq: 3 Jul 2017 21:32

Instrument :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	21.8	32.8
265	20.5	18.2	27.4

