

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027396.D
 Acq On : 13 Jun 2017 21:40
 Operator : SJ/MA
 Sample : I3614-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Quant Time: Jun 14 07:26:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

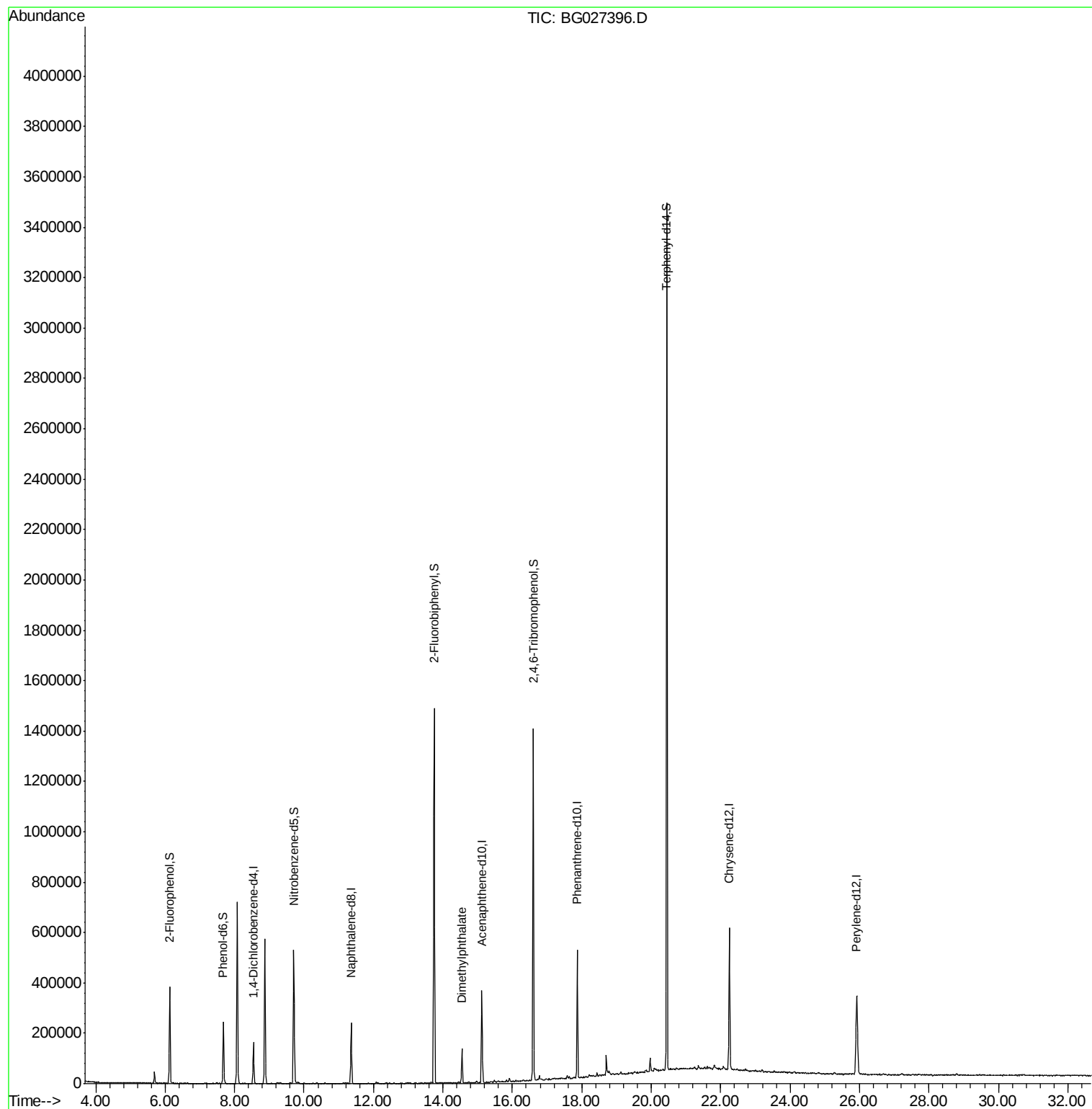
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	46462	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	215032	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	128642	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	321618	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	384967	20.00	ng	-0.06
86) Perylene-d12	25.92	264	371790	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	173165	56.87	ng	-0.03
7) Phenol-d6	7.68	99	154316	34.53	ng	-0.03
23) Nitrobenzene-d5	9.70	82	355138	103.87	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	277028	163.54	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	791829	86.11	ng	-0.04
78) Terphenyl-d14	20.44	244	1519727	100.71	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.55	163	89603	8.78	ng	Qvalue 96

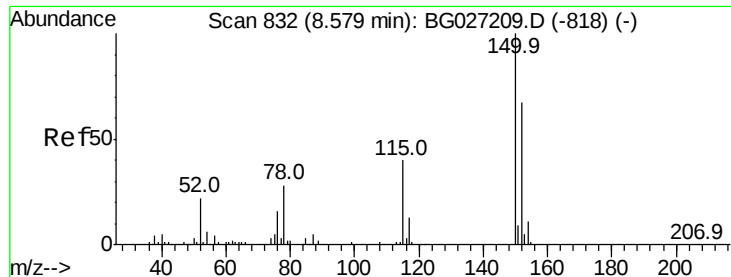
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.54 min Scan# 826

Delta R.T. -0.04 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

Instrument :

BNA_G

ClientSampleId :

MW-9

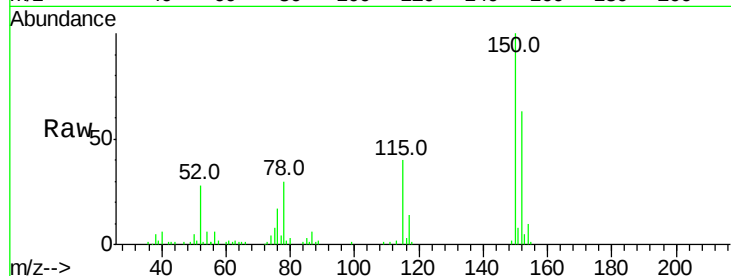
Tot Ion:152 Resp: 46462

Ion Ratio Lower Upper

152 100

150 158.6 114.0 171.0

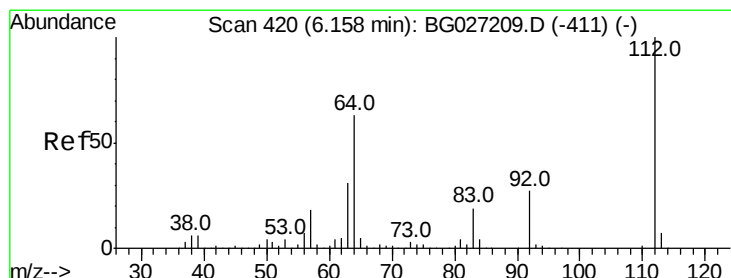
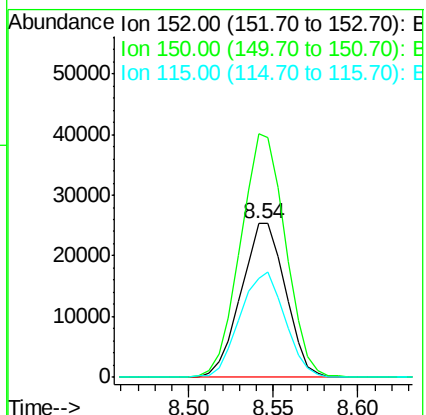
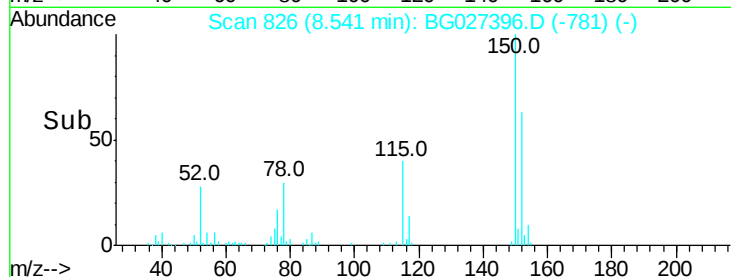
115 64.2 48.1 72.1



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: 56.87 ng

RT: 6.13 min Scan# 416

Delta R.T. -0.03 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

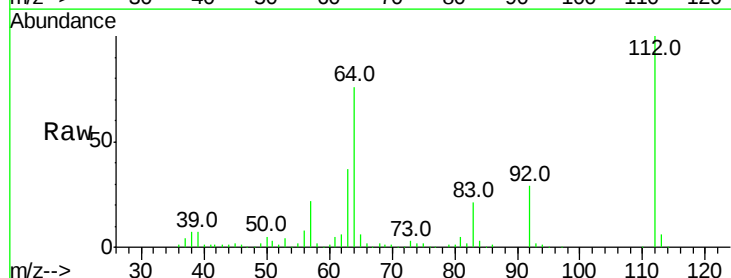
Tgt Ion:112 Resp: 173165

Ion Ratio Lower Upper

112 100

64 75.6 61.8 92.6

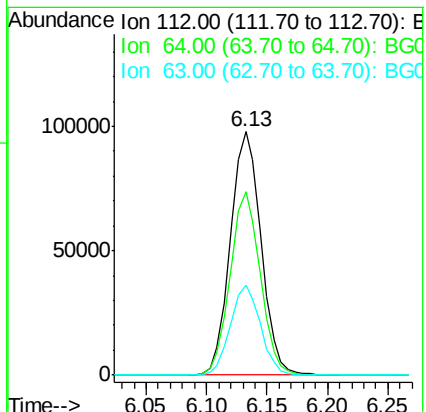
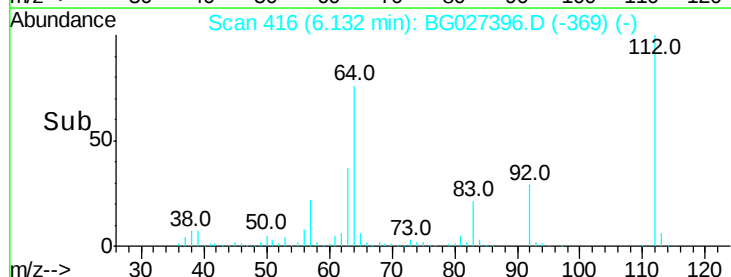
63 37.1 37.2 55.8#

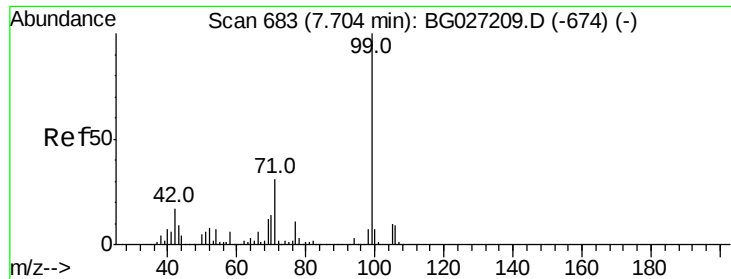


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 34.53 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.03 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

Instrument :

BNA_G

ClientSampleId :

MW-9

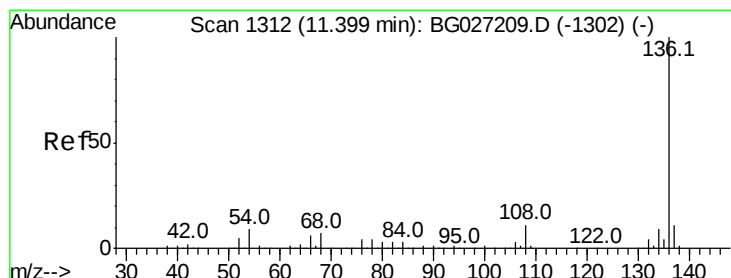
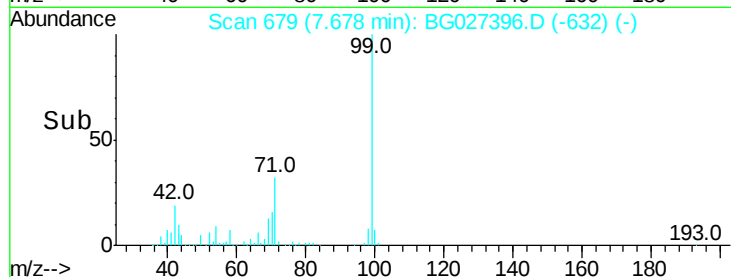
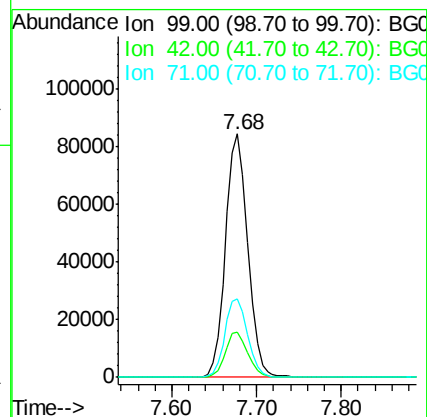
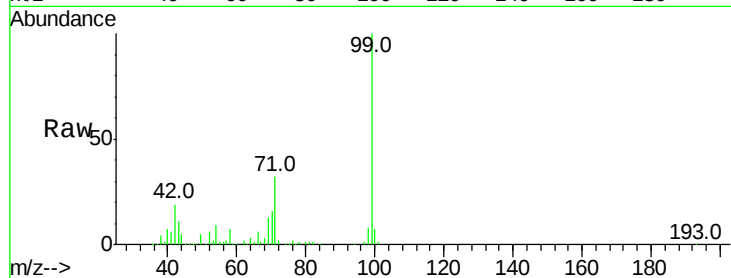
Tot Ion: 99 Resp: 154316

Ion Ratio Lower Upper

99 100

42 18.8 20.5 30.7#

71 32.2 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.36 min Scan# 1306

Delta R.T. -0.04 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

Tgt Ion: 136 Resp: 215032

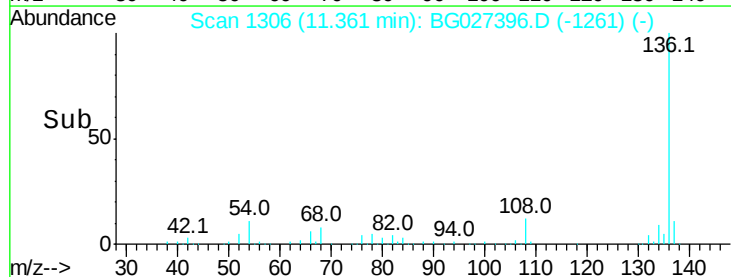
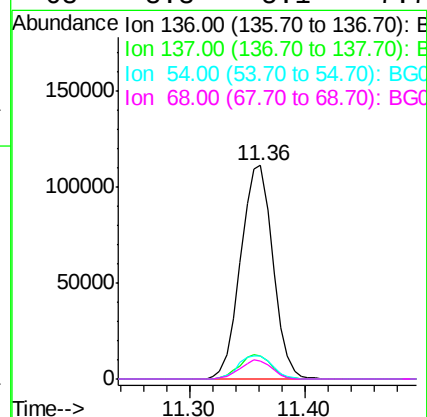
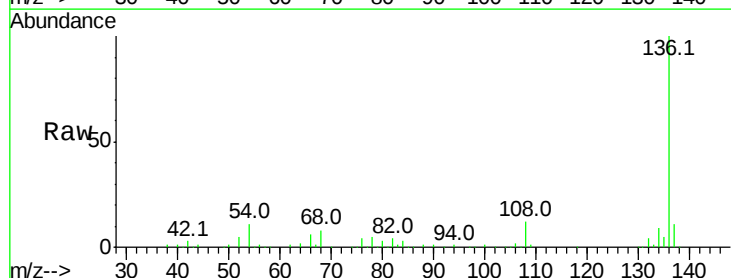
Ion Ratio Lower Upper

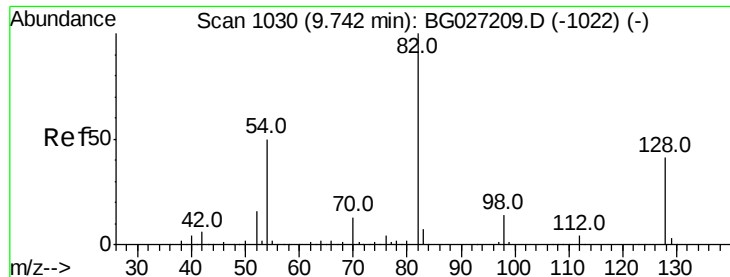
136 100

137 10.6 8.9 13.3

54 10.9 9.3 13.9

68 8.3 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 103.87 ng

RT: 9.70 min Scan# 1024

Delta R.T. -0.04 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

Instrument :

BNA_G

ClientSampleId :

MW-9

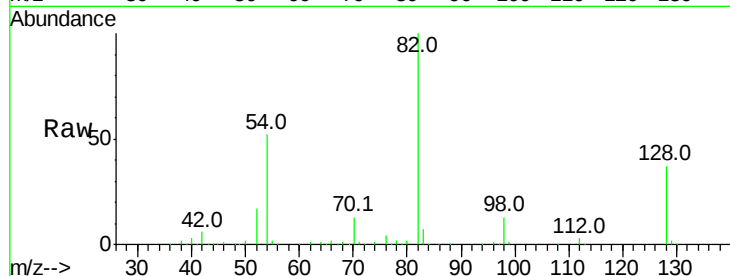
Tot Ion: 82 Resp: 355138

Ion Ratio Lower Upper

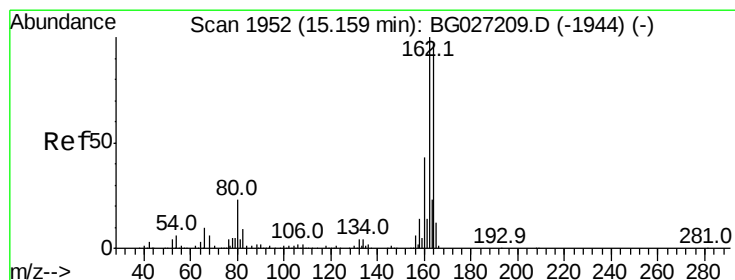
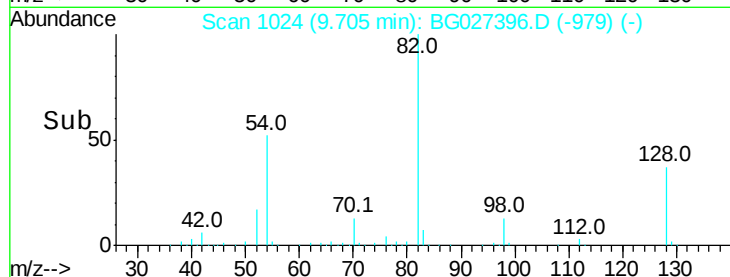
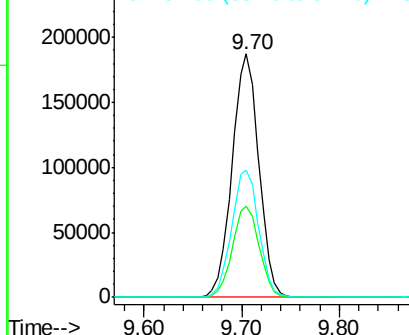
82 100

128 37.3 26.4 39.6

54 52.0 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: 20.00 ng

RT: 15.12 min Scan# 1945

Delta R.T. -0.04 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

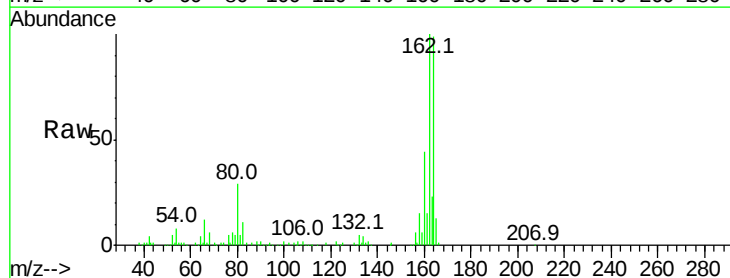
Tgt Ion:164 Resp: 128642

Ion Ratio Lower Upper

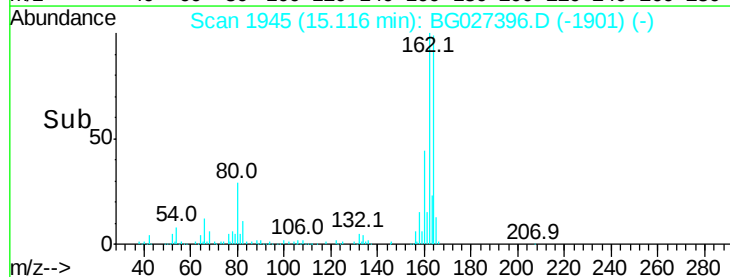
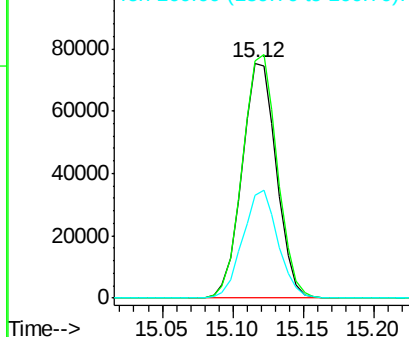
164 100

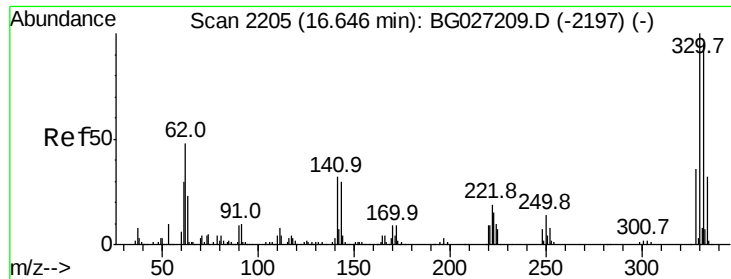
162 101.1 85.1 127.7

160 44.0 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

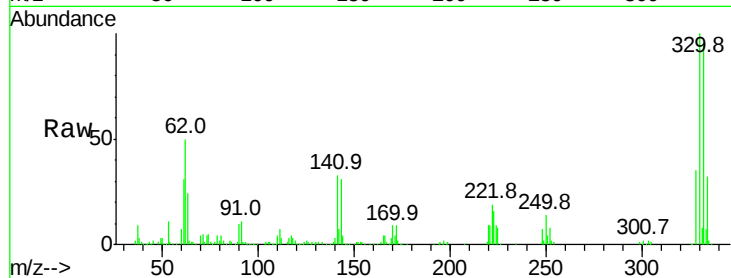




#41
 2,4,6-Tribromophenol
 Concen: 163.54 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027396.D
 Acq: 13 Jun 2017 21:40

Instrument :
 BNA_G
 ClientSampled :
 MW-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	33.9	32.1	48.1

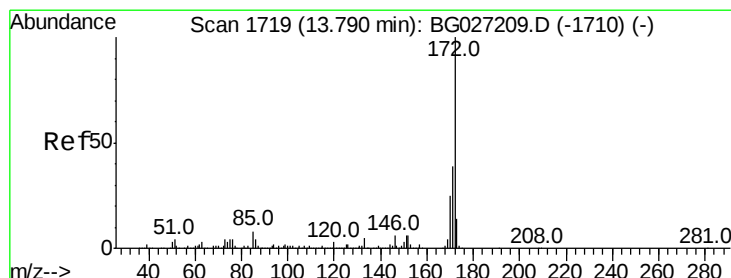
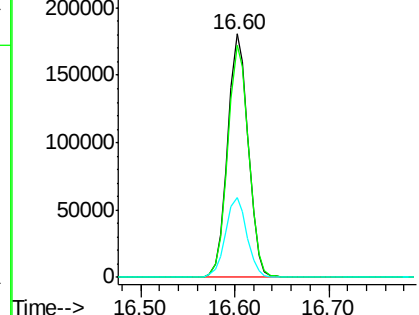
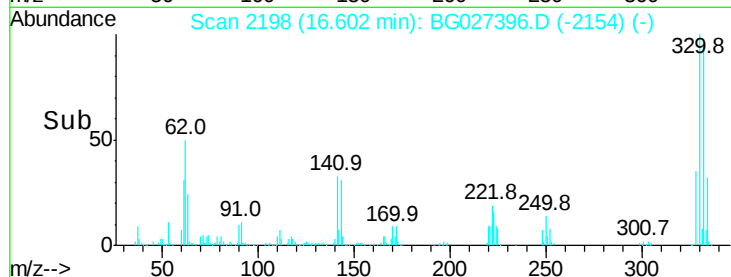


Abundance

Ion 329.80 (329.50 to 330.50): E

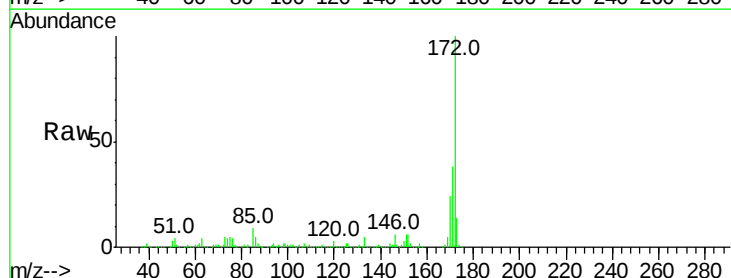
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.11 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027396.D
 Acq: 13 Jun 2017 21:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	24.0	21.8	32.6

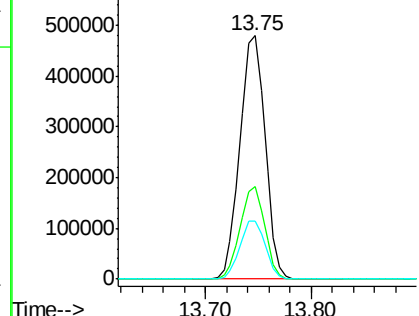
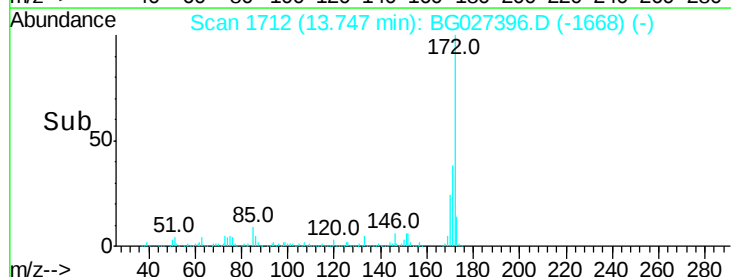


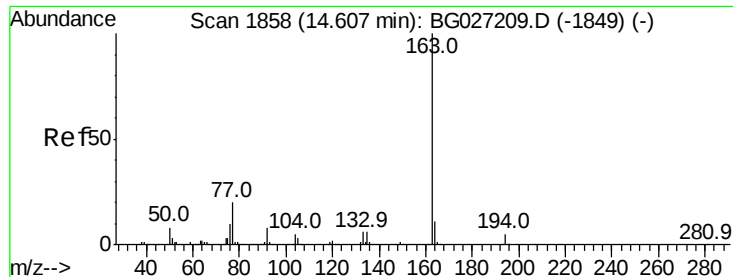
Abundance

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: 8.78 ng

RT: 14.55 min Scan# 1849

Delta R.T. -0.06 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

Instrument :

BNA_G

ClientSampleId :

MW-9

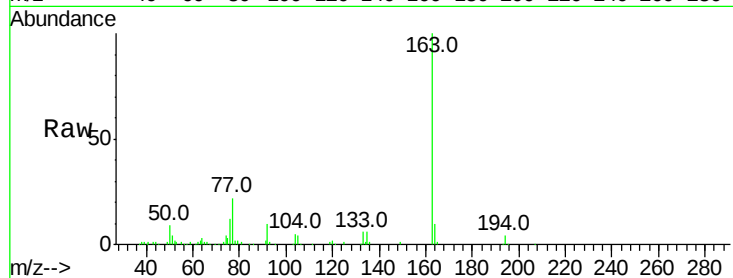
Tot Ion:163 Resp: 89603

Ion Ratio Lower Upper

163 100

194 4.1 3.8 5.6

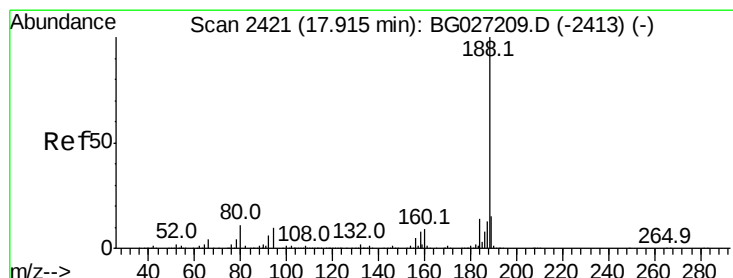
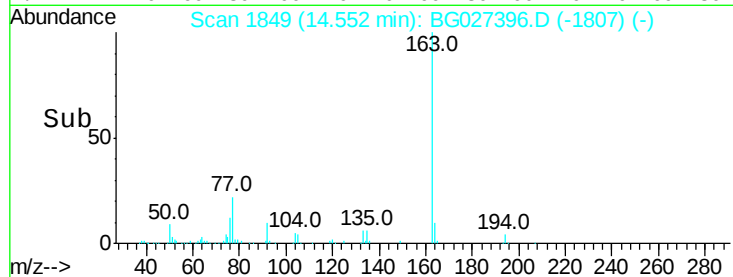
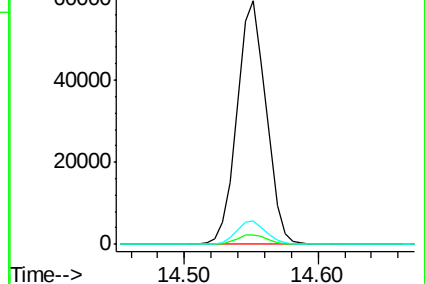
164 9.8 9.3 13.9



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: 20.00 ng

RT: 17.87 min Scan# 2414

Delta R.T. -0.04 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

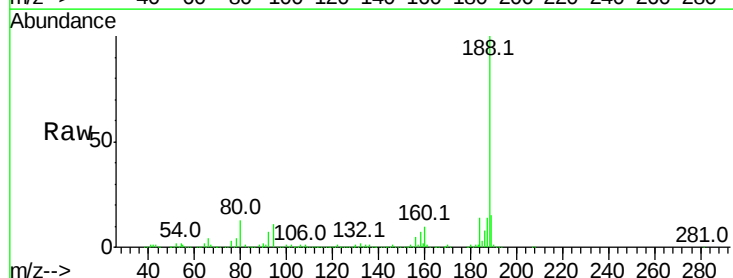
Tgt Ion:188 Resp: 321618

Ion Ratio Lower Upper

188 100

94 11.2 5.8 8.8#

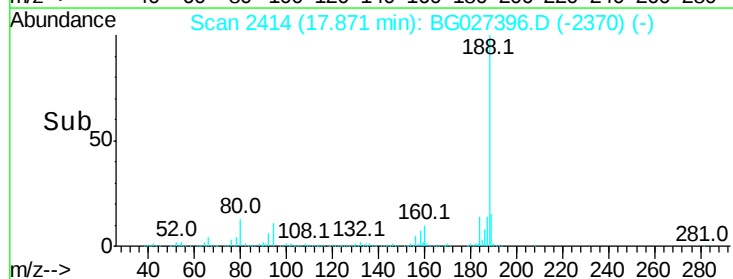
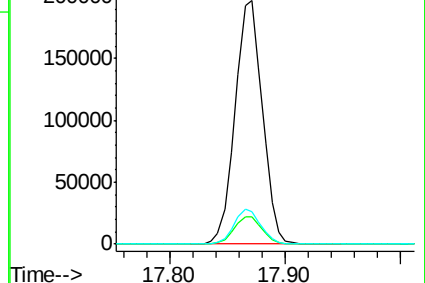
80 13.2 7.5 11.3#

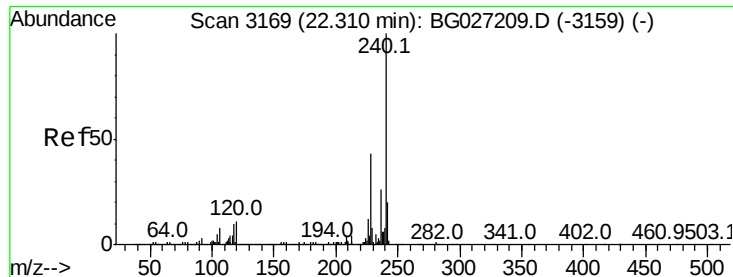


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.25 min Scan# 3159

Delta R.T. -0.06 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

Instrument :

BNA_G

ClientSampleId :

MW-9

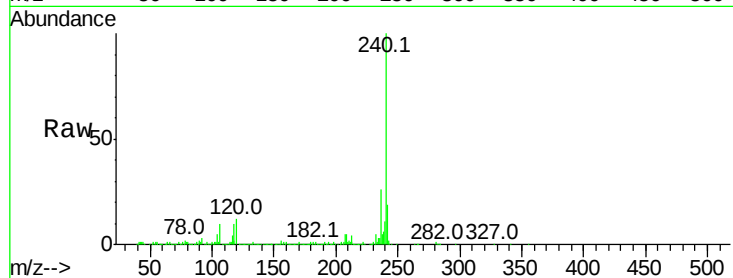
Tot Ion:240 Resp: 384967

Ion Ratio Lower Upper

240 100

120 11.8 5.7 8.5#

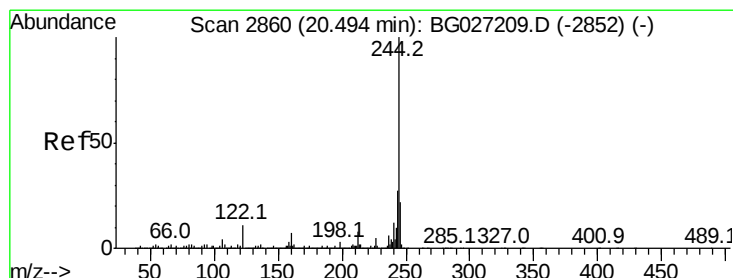
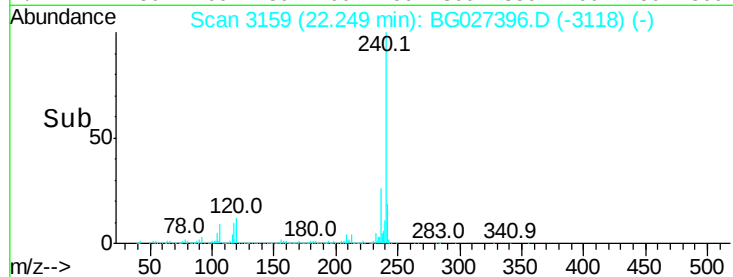
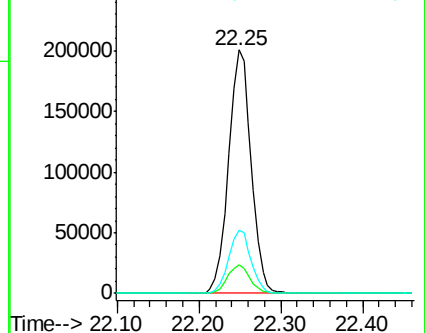
236 26.0 22.2 33.4



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: 100.71 ng

RT: 20.44 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

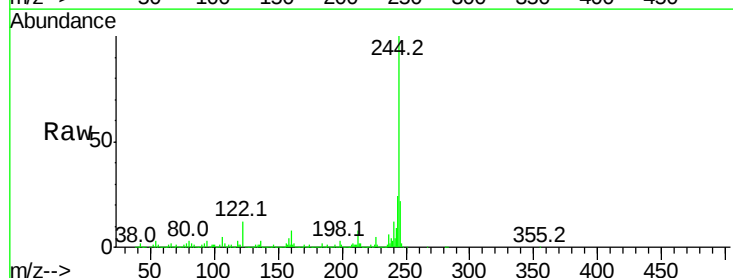
Tgt Ion:244 Resp: 1519727

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

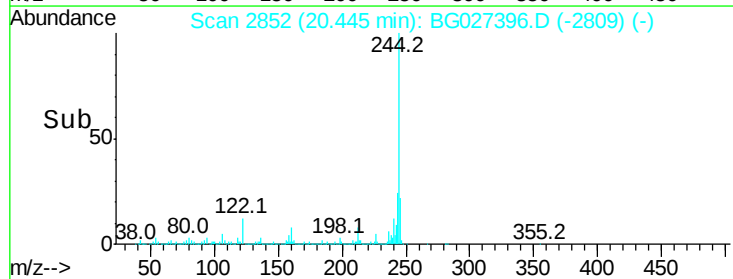
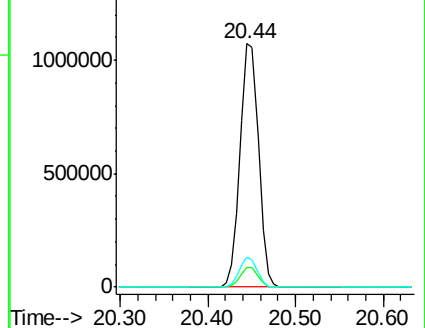
122 12.5 8.6 12.8

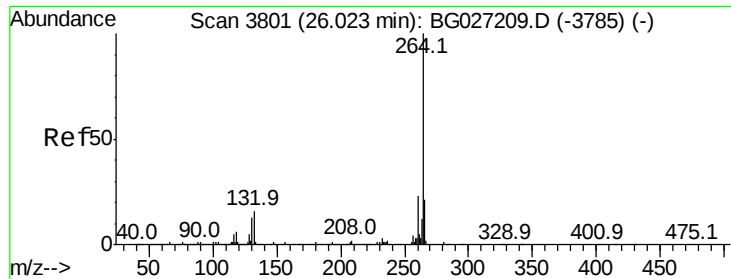


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.92 min Scan# 3784
 Delta R.T. -0.10 min
 Lab File: BG027396.D
 Acq: 13 Jun 2017 21:40

Instrument :
 BNA_G
 ClientSampleId :
 MW-9

Tot Ion:	264	Resp:	371790
Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	22.1	18.2	27.4

