

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028838.D
 Acq On : 20 Sep 2017 19:13
 Operator : SJ/JU
 Sample : I5281-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2-EW

Quant Time: Sep 21 04:10:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	30885	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	123099	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	91867	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	251827	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	277232	20.00	ng	-0.05
86) Perylene-d12	25.45	264	268774	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	119701	63.95	ng	-0.05
7) Phenol-d6	7.44	99	97921	34.75	ng	-0.05
23) Nitrobenzene-d5	9.46	82	252773	98.23	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	240207	158.09	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	675984	98.12	ng	-0.04
78) Terphenyl-d14	20.24	244	1221659	93.97	ng	-0.04

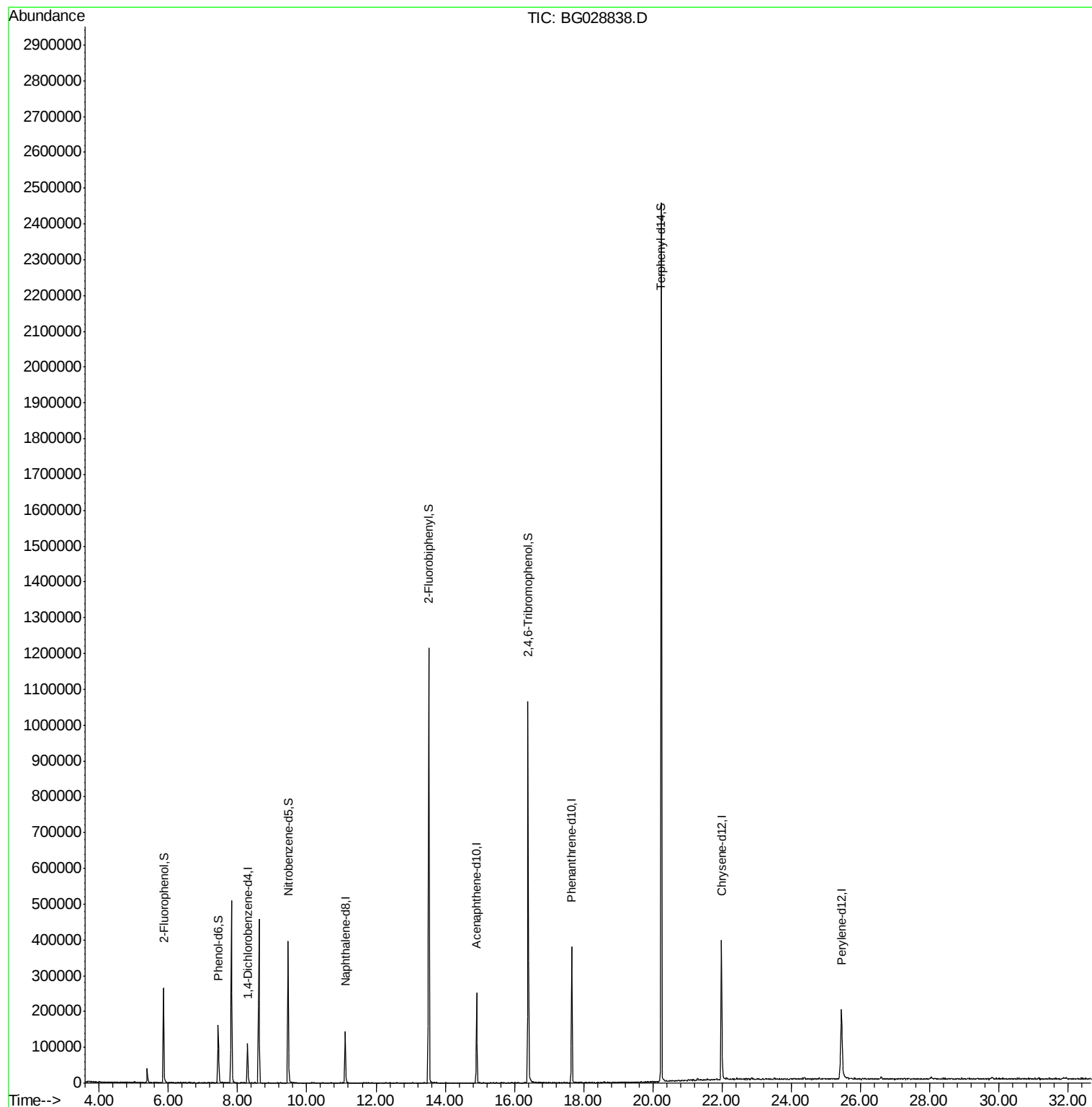
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028838.D

Acq: 20 Sep 2017 19:13

Instrument :

BNA_G

ClientSampleId :

MW-2-EW

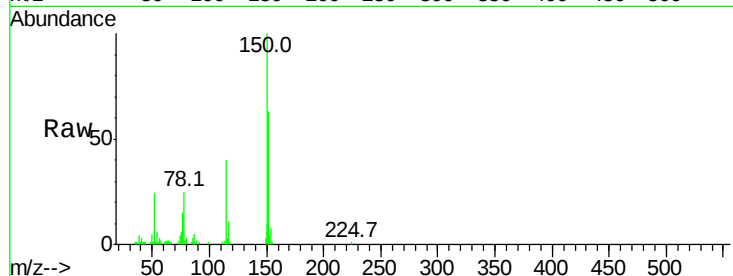
Tot Ion:152 Resp: 30885

Ion Ratio Lower Upper

152 100

150 158.9 114.0 171.0

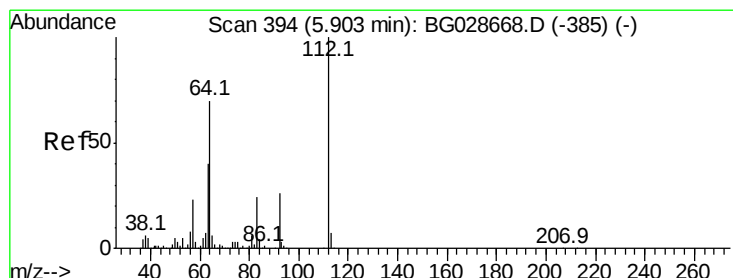
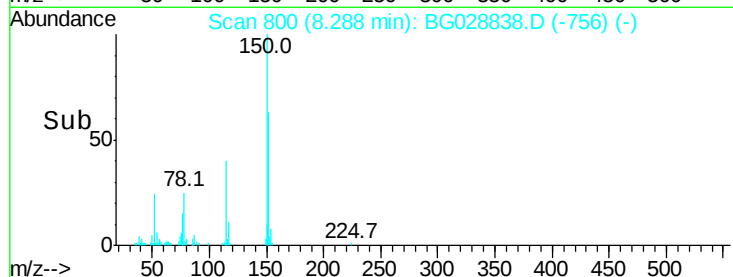
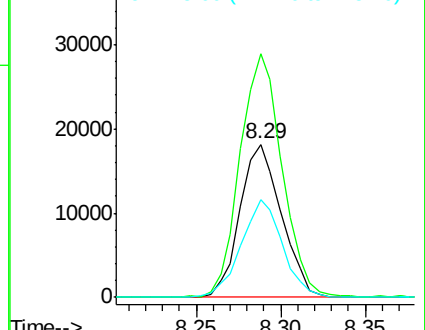
115 64.0 48.1 72.1



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: 63.951 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028838.D

Acq: 20 Sep 2017 19:13

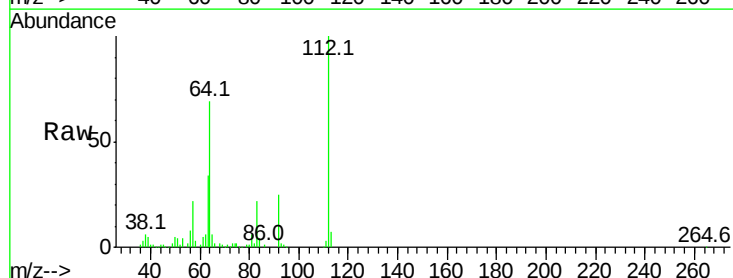
Tgt Ion:112 Resp: 119701

Ion Ratio Lower Upper

112 100

64 68.9 61.8 92.6

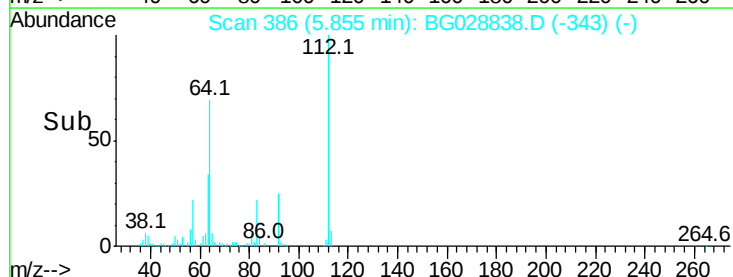
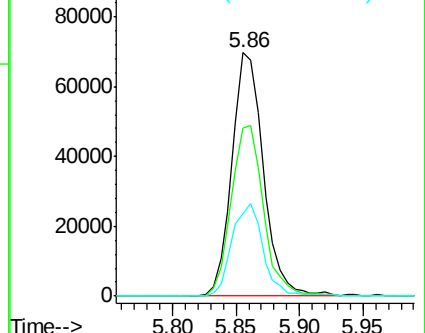
63 33.6 37.2 55.8#



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: 34.746 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028838.D

Acq: 20 Sep 2017 19:13

Instrument :

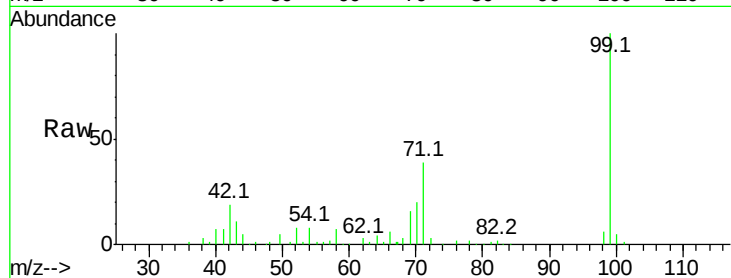
BNA_G

ClientSampleId :

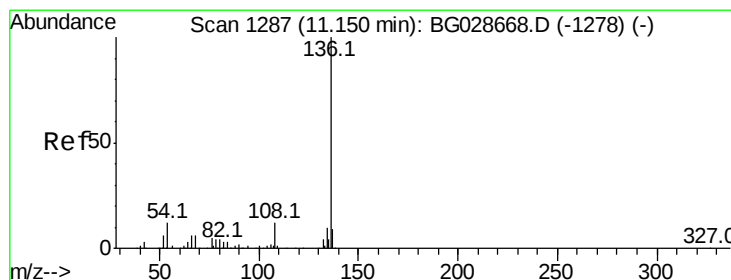
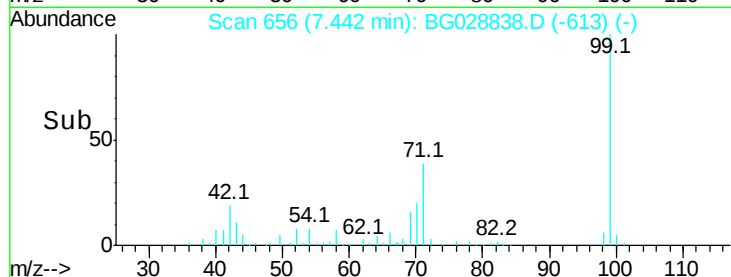
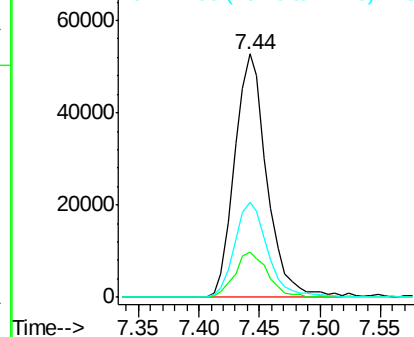
MW-2-EW

Tot Ion: 99 Resp: 97921

Ion	Ratio	Lower	Upper
99	100		
42	18.8	20.5	30.7#
71	39.0	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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

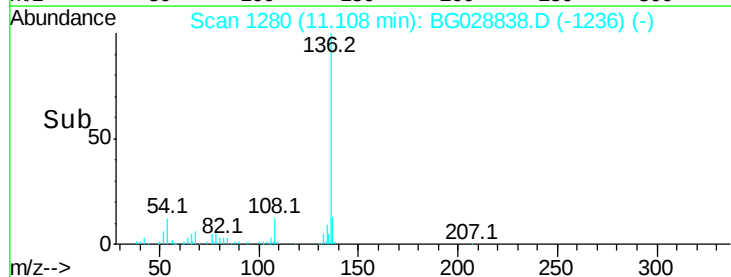
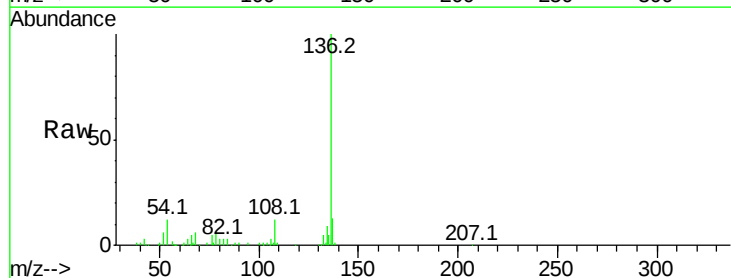
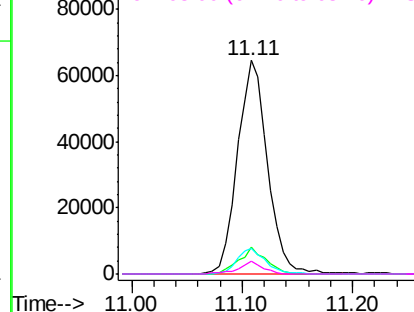
Lab File: BG028838.D

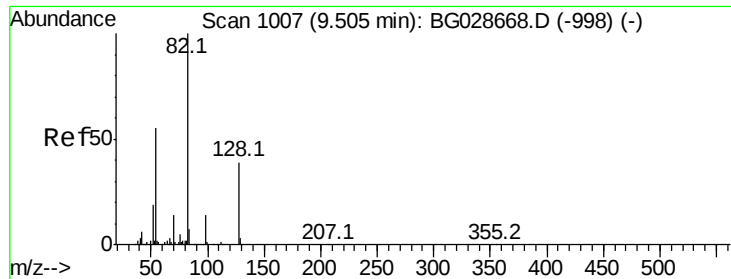
Acq: 20 Sep 2017 19:13

Tgt Ion: 136 Resp: 123099

Ion	Ratio	Lower	Upper
136	100		
137	12.7	8.9	13.3
54	12.2	9.3	13.9
68	5.9	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

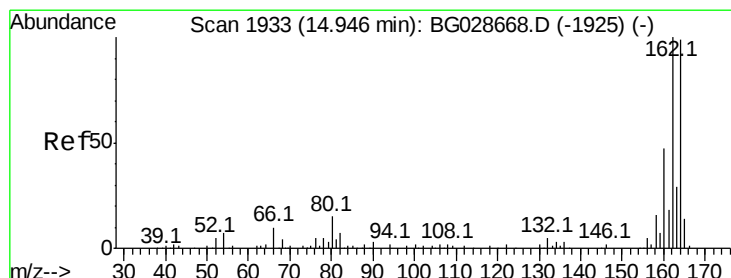
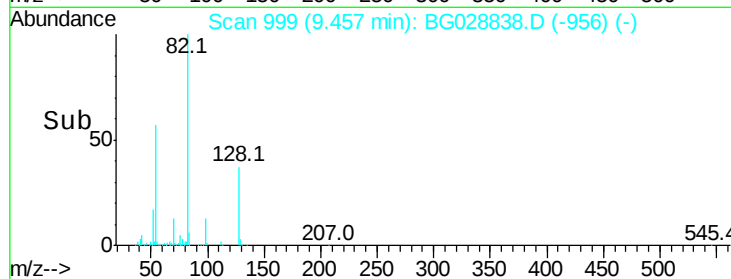
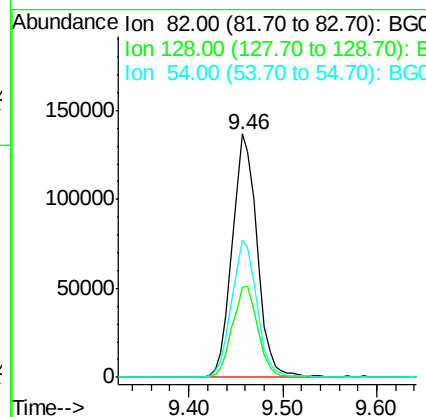
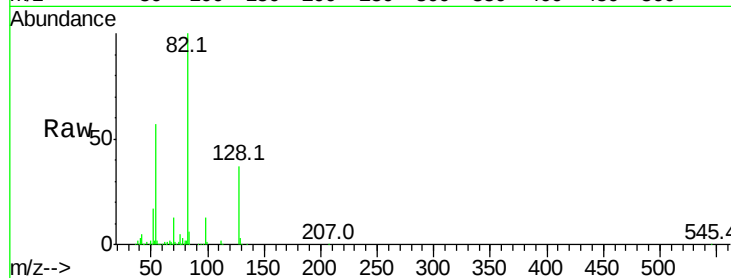




#23
 Nitrobenzene-d5
 Concen: 98.230 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028838.D
 Acq: 20 Sep 2017 19:13

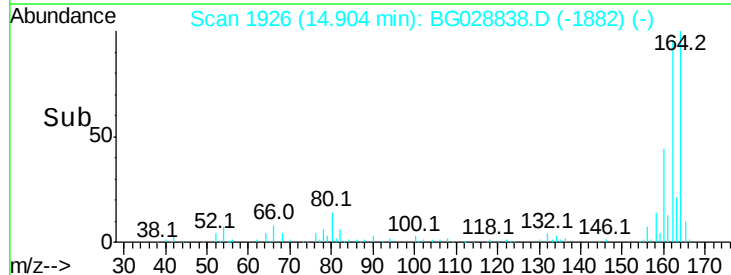
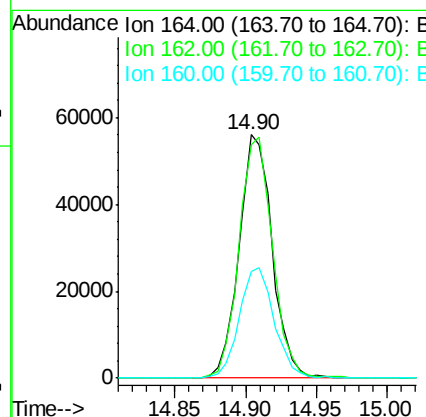
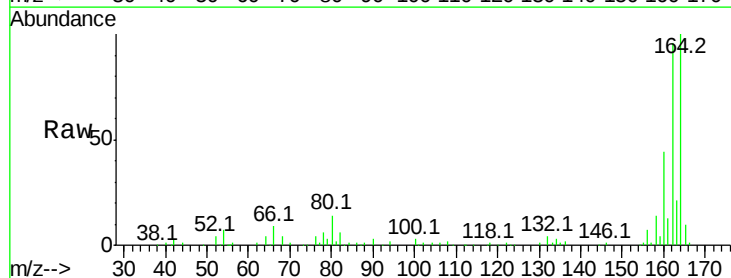
Instrument :
 BNA_G
 ClientSampleId :
 MW-2-EW

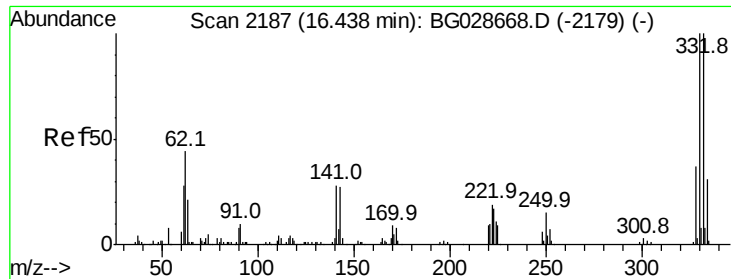
Tot Ion	82	Resp	252773
Ion Ratio	Lower	Upper	
82	100		
128	37.1	26.4	39.6
54	56.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028838.D
 Acq: 20 Sep 2017 19:13

Tgt Ion	164	Resp	91867
Ion Ratio	Lower	Upper	
164	100		
162	95.8	85.1	127.7
160	43.7	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 158.091 ng

RT: 16.40 min Scan# 2180

Delta R.T. -0.04 min

Lab File: BG028838.D

Acq: 20 Sep 2017 19:13

Instrument :

BNA_G

ClientSampleId :

MW-2-EW

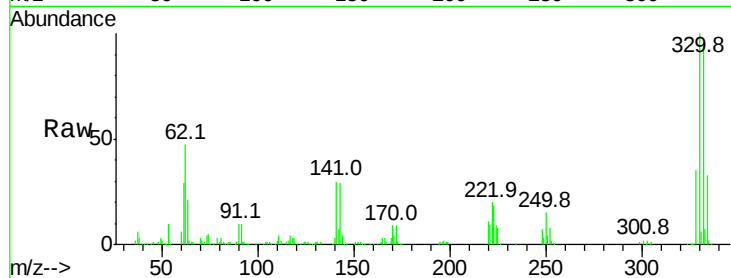
Tot Ion:330 Resp: 240207

Ion Ratio Lower Upper

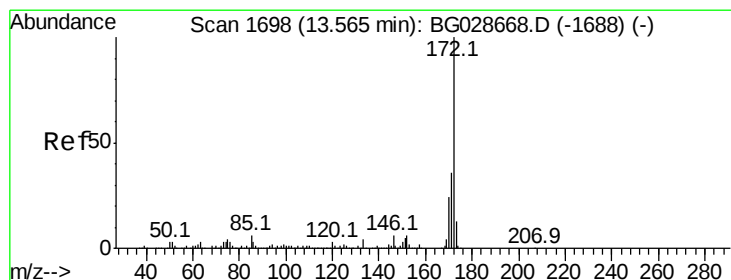
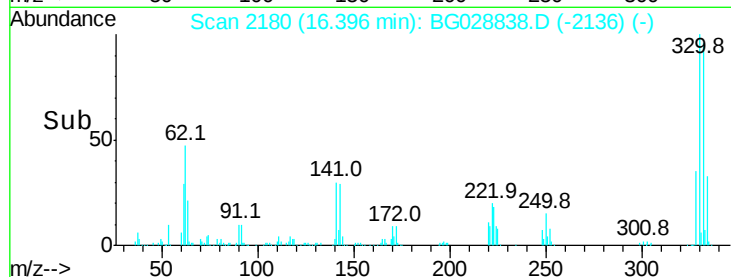
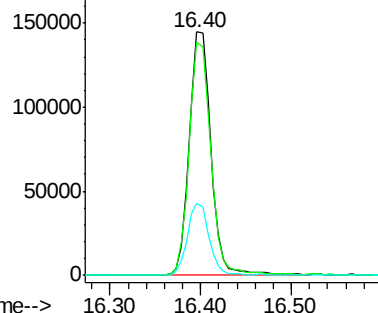
330 100

332 95.5 77.3 115.9

141 29.4 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: 98.117 ng

RT: 13.53 min Scan# 1692

Delta R.T. -0.04 min

Lab File: BG028838.D

Acq: 20 Sep 2017 19:13

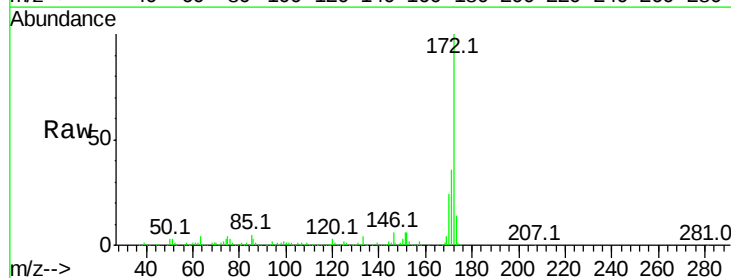
Tgt Ion:172 Resp: 675984

Ion Ratio Lower Upper

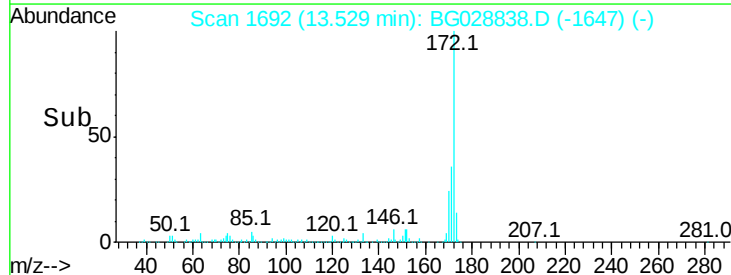
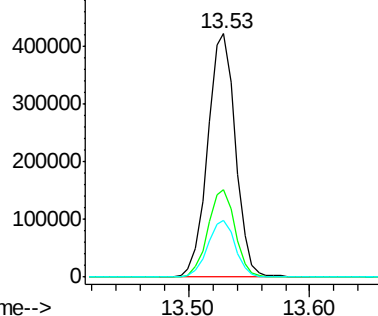
172 100

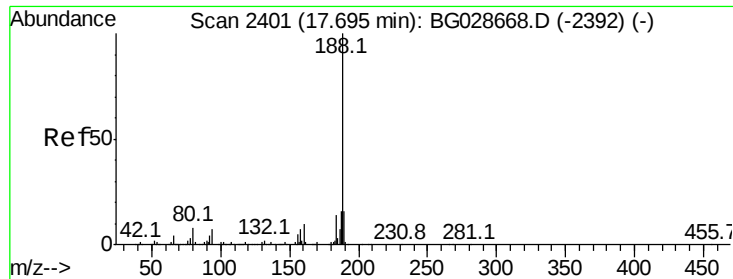
171 35.8 32.2 48.2

170 23.6 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028838.D

Acq: 20 Sep 2017 19:13

Instrument :

BNA_G

ClientSampleId :

MW-2-EW

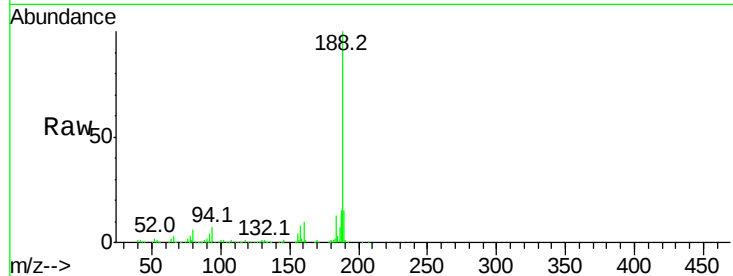
Tot Ion:188 Resp: 251827

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

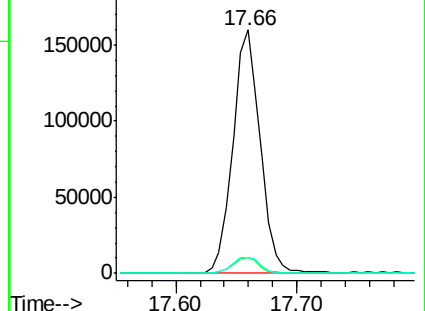
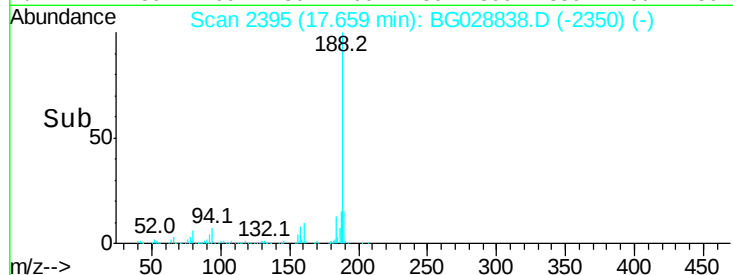
80 6.5 7.5 11.3#



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: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028838.D

Acq: 20 Sep 2017 19:13

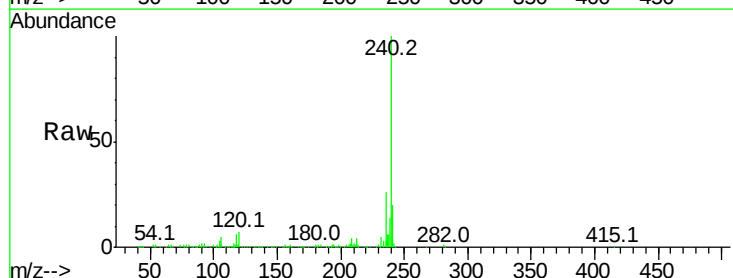
Tgt Ion:240 Resp: 277232

Ion Ratio Lower Upper

240 100

120 7.2 5.7 8.5

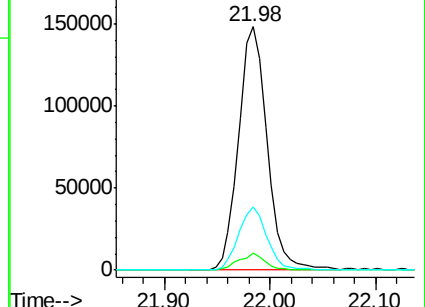
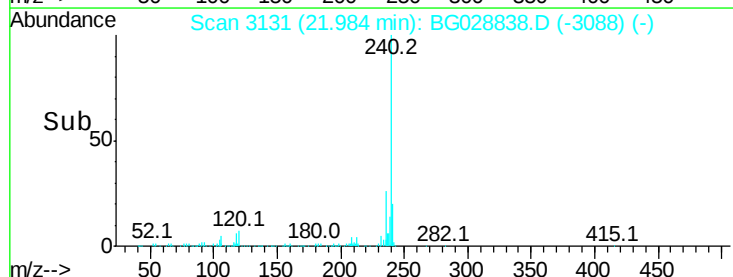
236 26.0 22.2 33.4

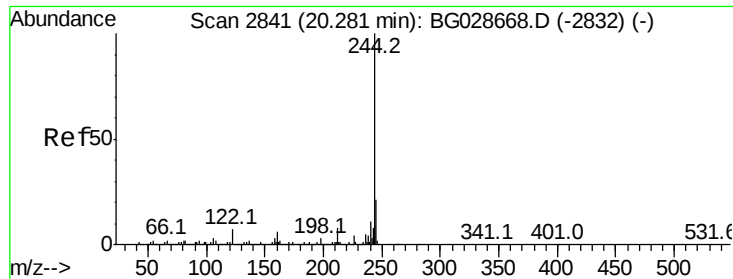


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.974 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028838.D

Acq: 20 Sep 2017 19:13

Instrument :

BNA_G

ClientSampleId :

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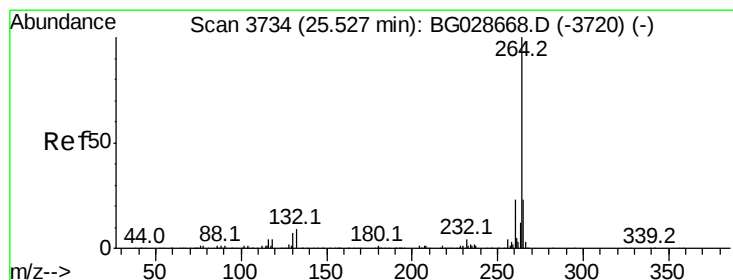
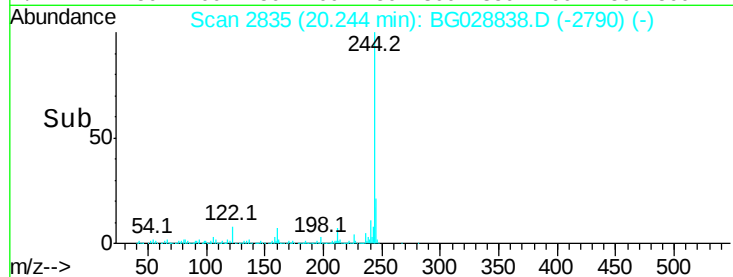
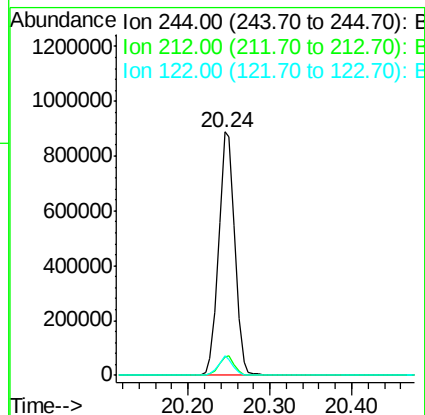
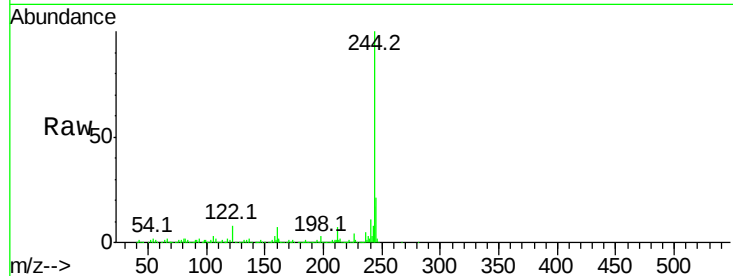
Tot Ion:244 Resp: 1221659

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

122 7.9 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028838.D

Acq: 20 Sep 2017 19:13

Tgt Ion:264 Resp: 268774

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 22.2 18.2 27.4

