

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028706.D
 Acq On : 13 Sep 2017 20:04
 Operator : SJ/JU
 Sample : I5189-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04-090817

Quant Time: Sep 14 08:49:32 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	8.33	152	22695	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	91217	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	71970	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	234450	20.00	ng	0.00
75) Chrysene-d12	22.03	240	264316	20.00	ng	0.00
86) Perylene-d12	25.52	264	270065	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	95344	69.32	ng	0.00
7) Phenol-d6	7.48	99	80194	38.73	ng	0.00
23) Nitrobenzene-d5	9.50	82	197837	103.75	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	242037	203.33	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	534431	99.02	ng	0.00
78) Terphenyl-d14	20.28	244	1304411	105.24	ng	0.00

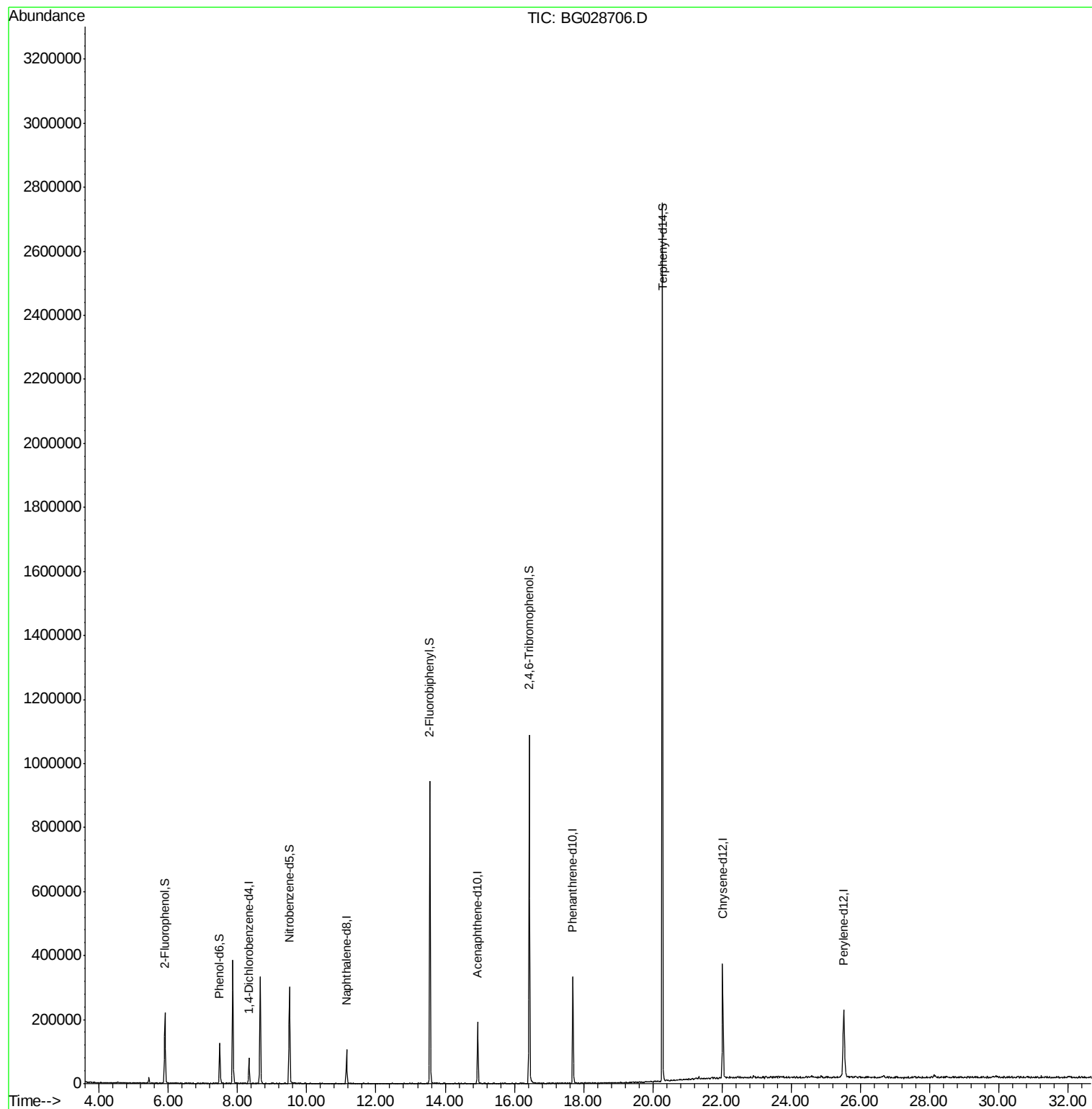
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. 0.00 min

Lab File: BG028706.D

Acq: 13 Sep 2017 20:04

Instrument :

BNA_G

ClientSampleId :

PR-MW-04-090817

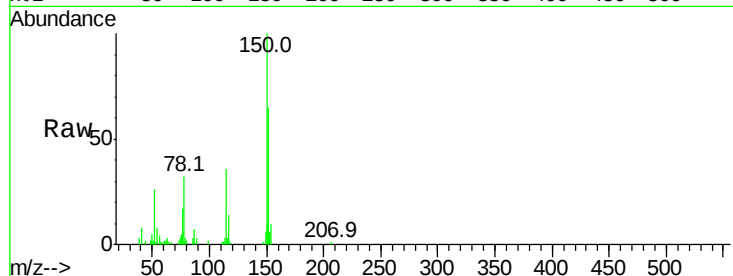
Tot Ion:152 Resp: 22695

Ion Ratio Lower Upper

152 100

150 154.9 114.0 171.0

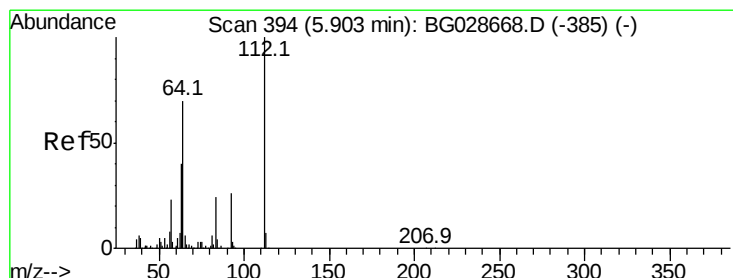
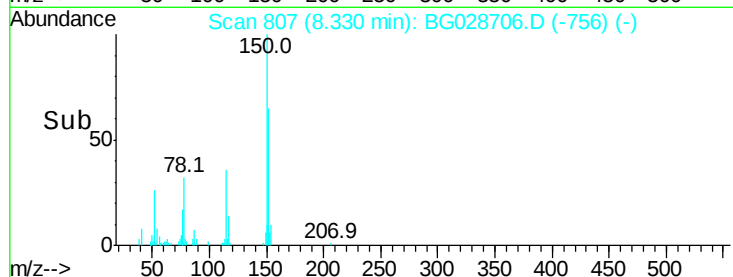
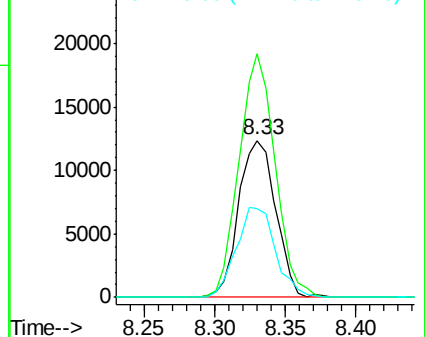
115 56.2 48.1 72.1



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: 69.320 ng

RT: 5.90 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG028706.D

Acq: 13 Sep 2017 20:04

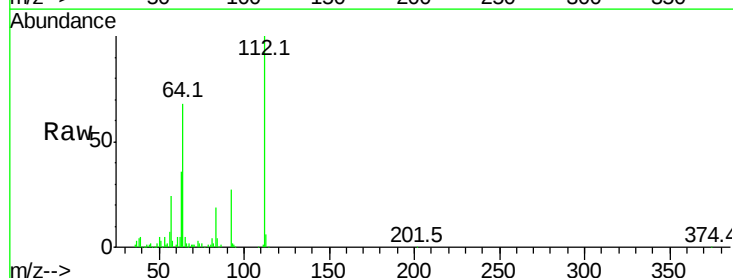
Tgt Ion:112 Resp: 95344

Ion Ratio Lower Upper

112 100

64 68.3 61.8 92.6

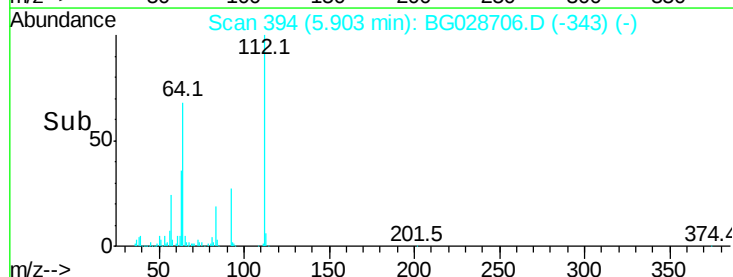
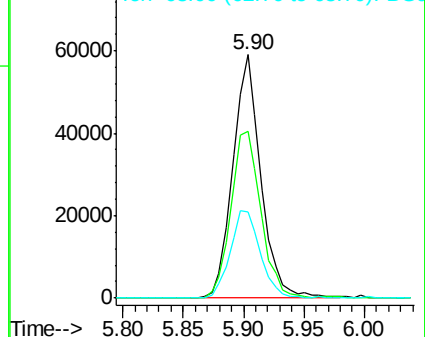
63 35.5 37.2 55.8#

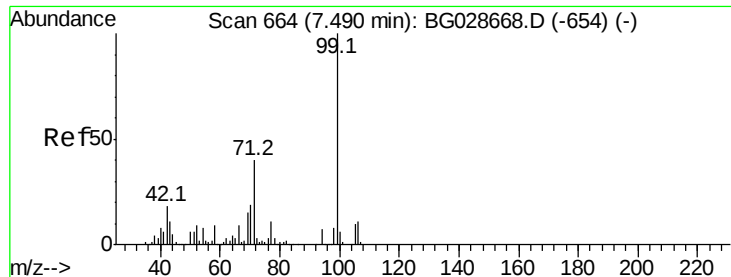


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.725 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028706.D

Acq: 13 Sep 2017 20:04

Instrument :

BNA_G

ClientSampleId :

PR-MW-04-090817

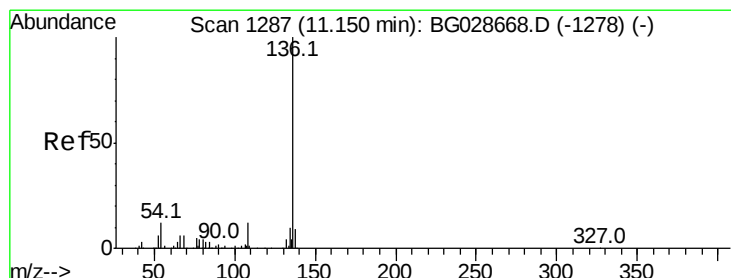
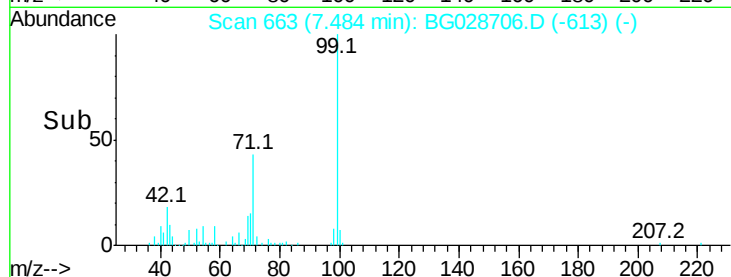
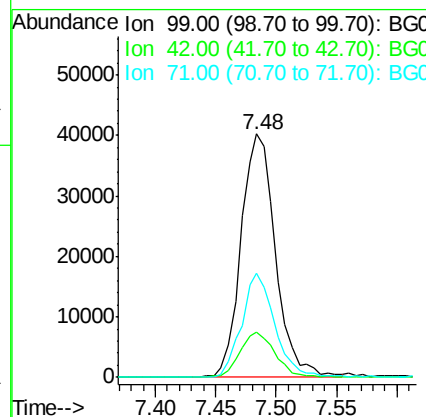
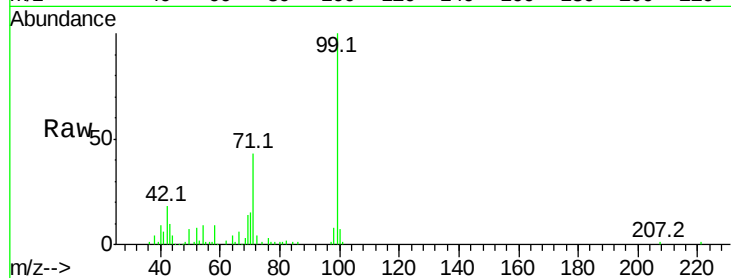
Tot Ion: 99 Resp: 80194

Ion Ratio Lower Upper

99 100

42 18.5 20.5 30.7#

71 43.0 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BG028706.D

Acq: 13 Sep 2017 20:04

Tgt Ion: 136 Resp: 91217

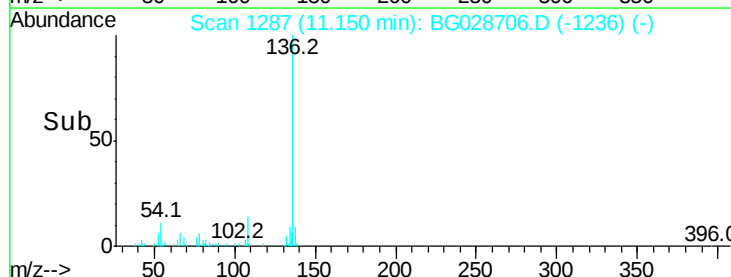
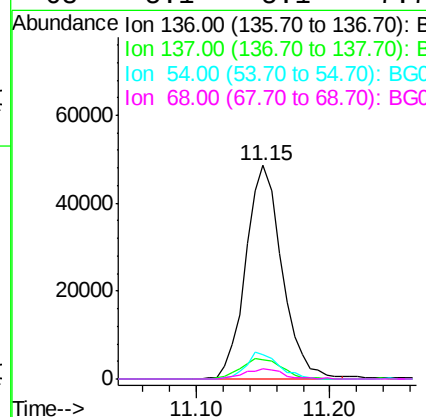
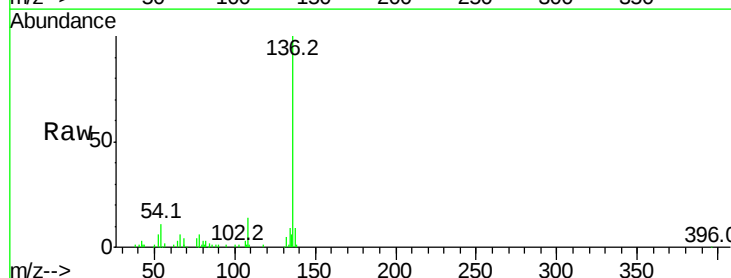
Ion Ratio Lower Upper

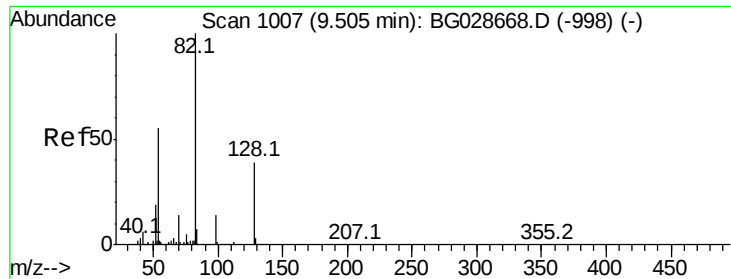
136 100

137 8.9 8.9 13.3#

54 11.3 9.3 13.9

68 5.1 5.1 7.7#

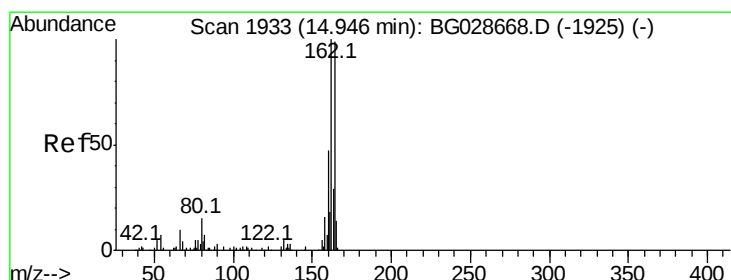
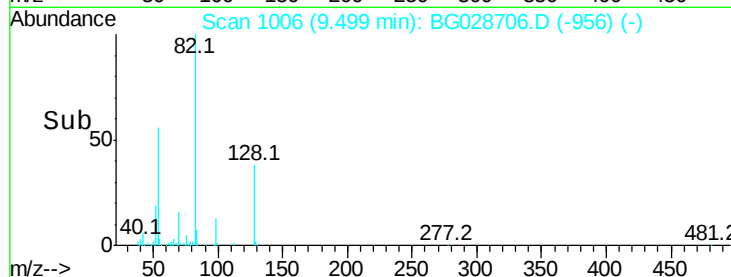
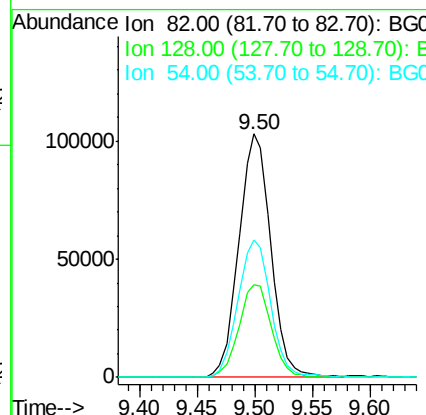
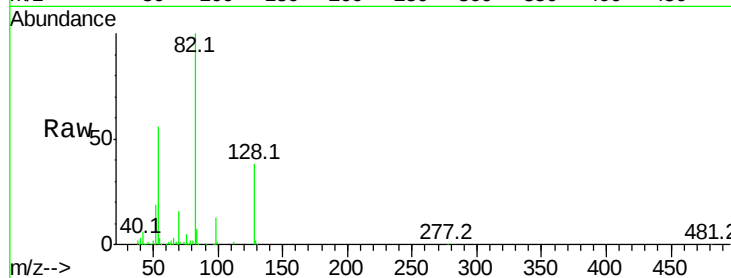




#23
 Nitrobenzene-d5
 Concen: 103.753 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028706.D
 Acq: 13 Sep 2017 20:04

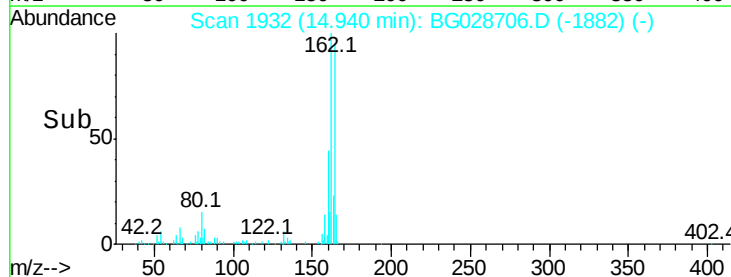
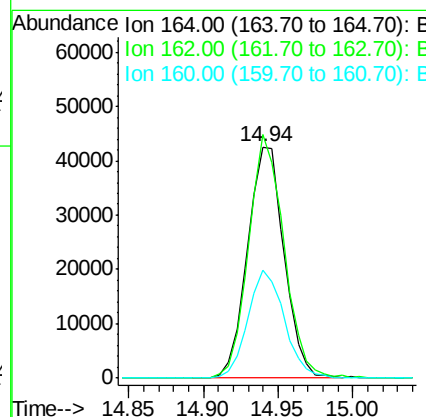
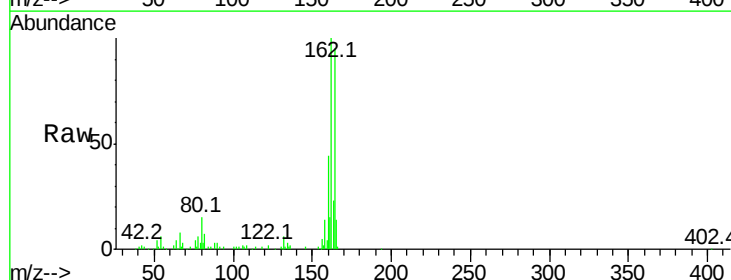
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04-090817

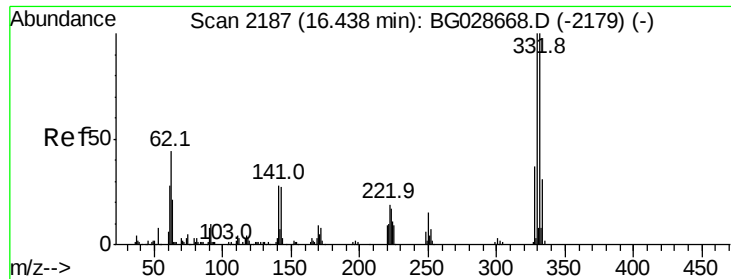
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	26.4	39.6
54	56.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028706.D
 Acq: 13 Sep 2017 20:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.1	127.7
160	46.7	34.7	52.1

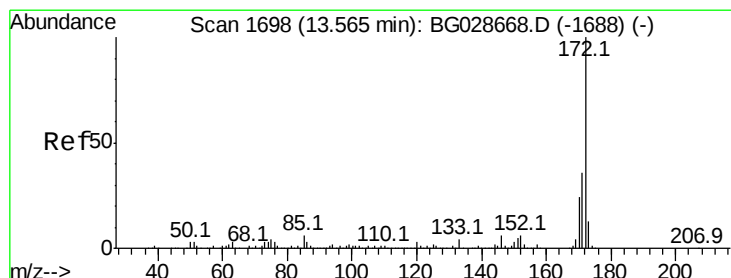
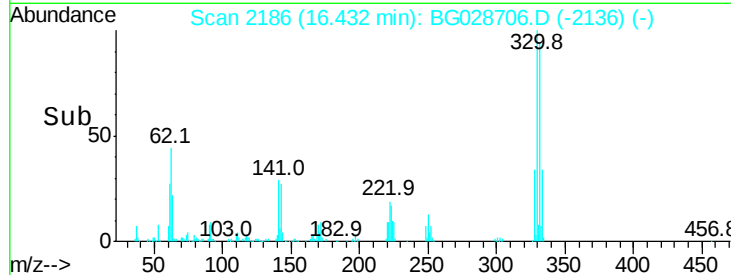
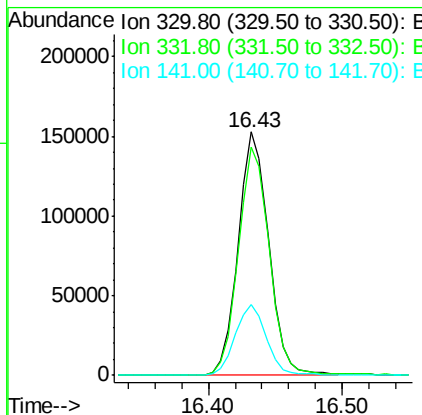
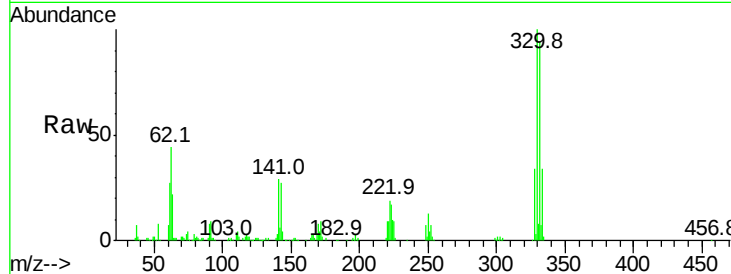




#41
 2,4,6-Tribromophenol
 Concen: 203.334 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028706.D
 Acq: 13 Sep 2017 20:04

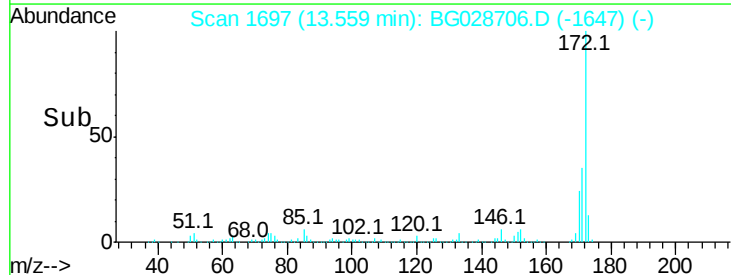
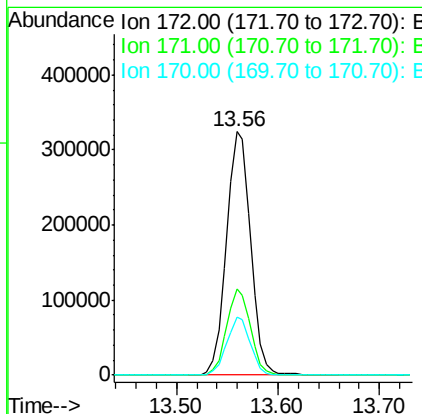
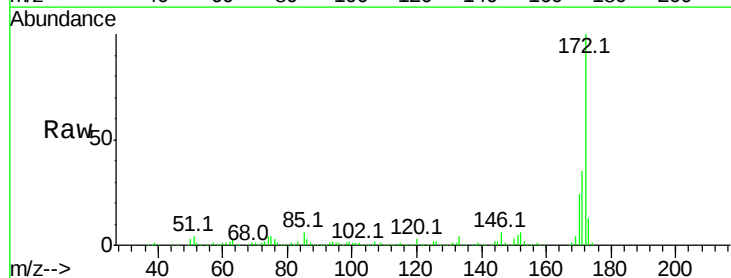
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-04-090817

Tot Ion:330 Resp: 242037
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 29.7 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 99.017 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028706.D
 Acq: 13 Sep 2017 20:04

Tgt Ion:172 Resp: 534431
 Ion Ratio Lower Upper
 172 100
 171 35.2 32.2 48.2
 170 23.9 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028706.D

Acq: 13 Sep 2017 20:04

Instrument :

BNA_G

ClientSampleId :

PR-MW-04-090817

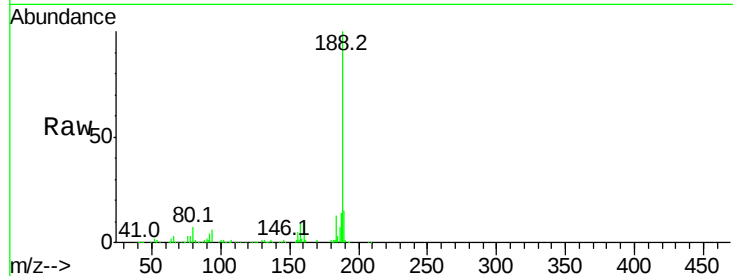
Tot Ion:188 Resp: 234450

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

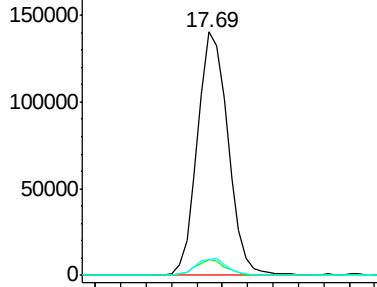
80 6.7 7.5 11.3#



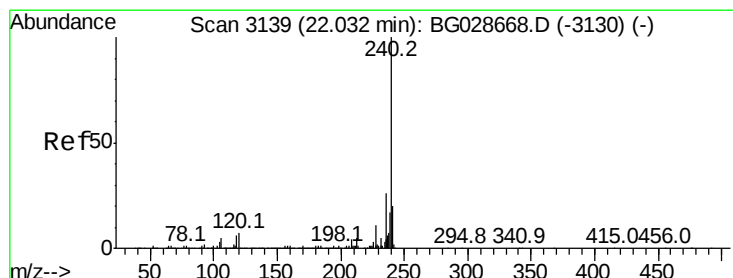
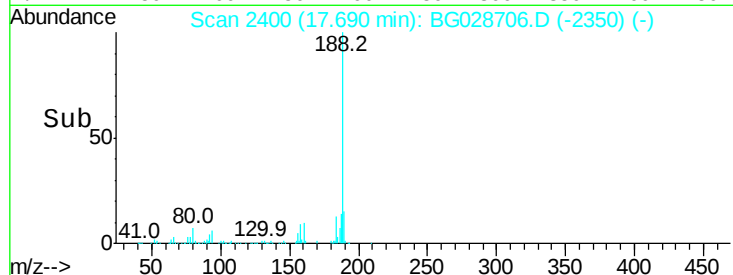
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.60 17.70 17.80



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028706.D

Acq: 13 Sep 2017 20:04

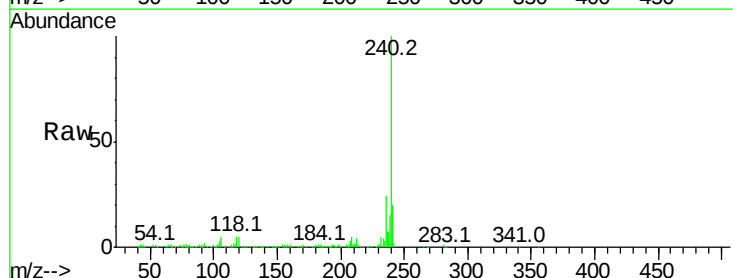
Tgt Ion:240 Resp: 264316

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

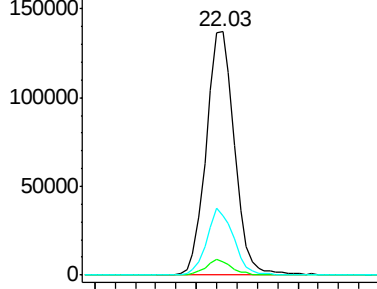
236 24.3 22.2 33.4



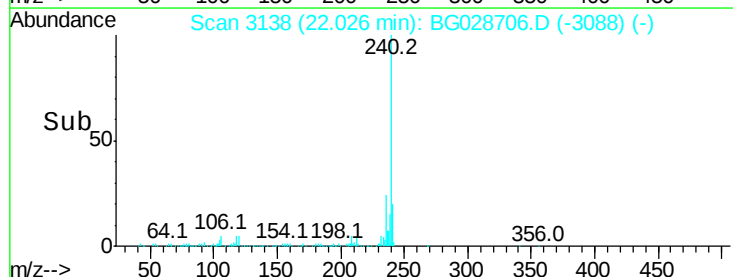
Abundance Ion 240.00 (239.70 to 240.70): E

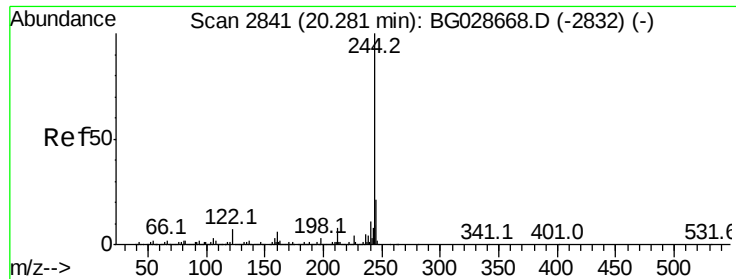
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.90 22.00 22.10





#78

Terphenyl-d14

Concen: 105.243 ng

RT: 20.28 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG028706.D

Acq: 13 Sep 2017 20:04

Instrument :

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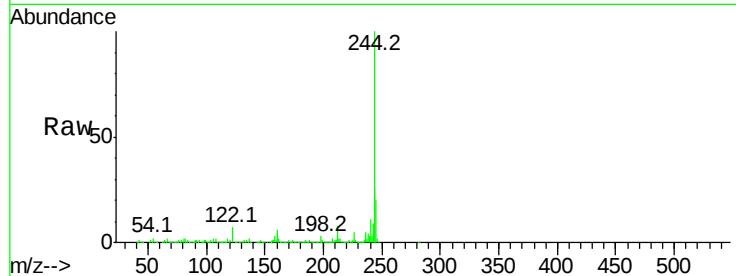
Tot Ion:244 Resp: 1304411

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

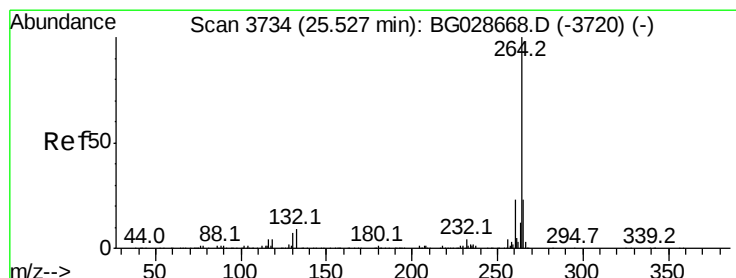
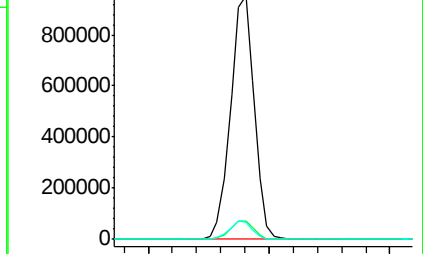
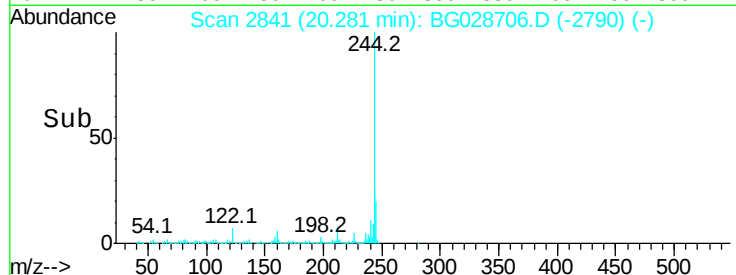
122 6.9 8.6 12.8#



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: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028706.D

Acq: 13 Sep 2017 20:04

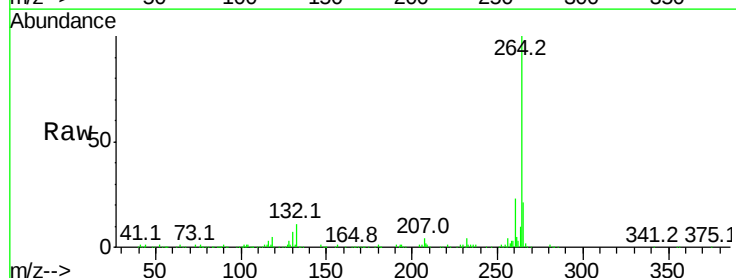
Tgt Ion:264 Resp: 270065

Ion Ratio Lower Upper

264 100

260 22.9 21.8 32.8

265 20.8 18.2 27.4



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

