

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028696.D
 Acq On : 13 Sep 2017 13:30
 Operator : SJ/JU
 Sample : I5189-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-05-090717

Quant Time: Sep 14 08:27:55 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	22023	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	91491	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	70461	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	222532	20.00	ng	0.00
75) Chrysene-d12	22.02	240	263706	20.00	ng	0.00
86) Perylene-d12	25.52	264	270916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	83909	62.87	ng	0.00
7) Phenol-d6	7.48	99	68340	34.01	ng	0.00
23) Nitrobenzene-d5	9.50	82	187774	98.18	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	210626	180.74	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	501620	94.93	ng	0.00
78) Terphenyl-d14	20.28	244	1212722	98.07	ng	0.00

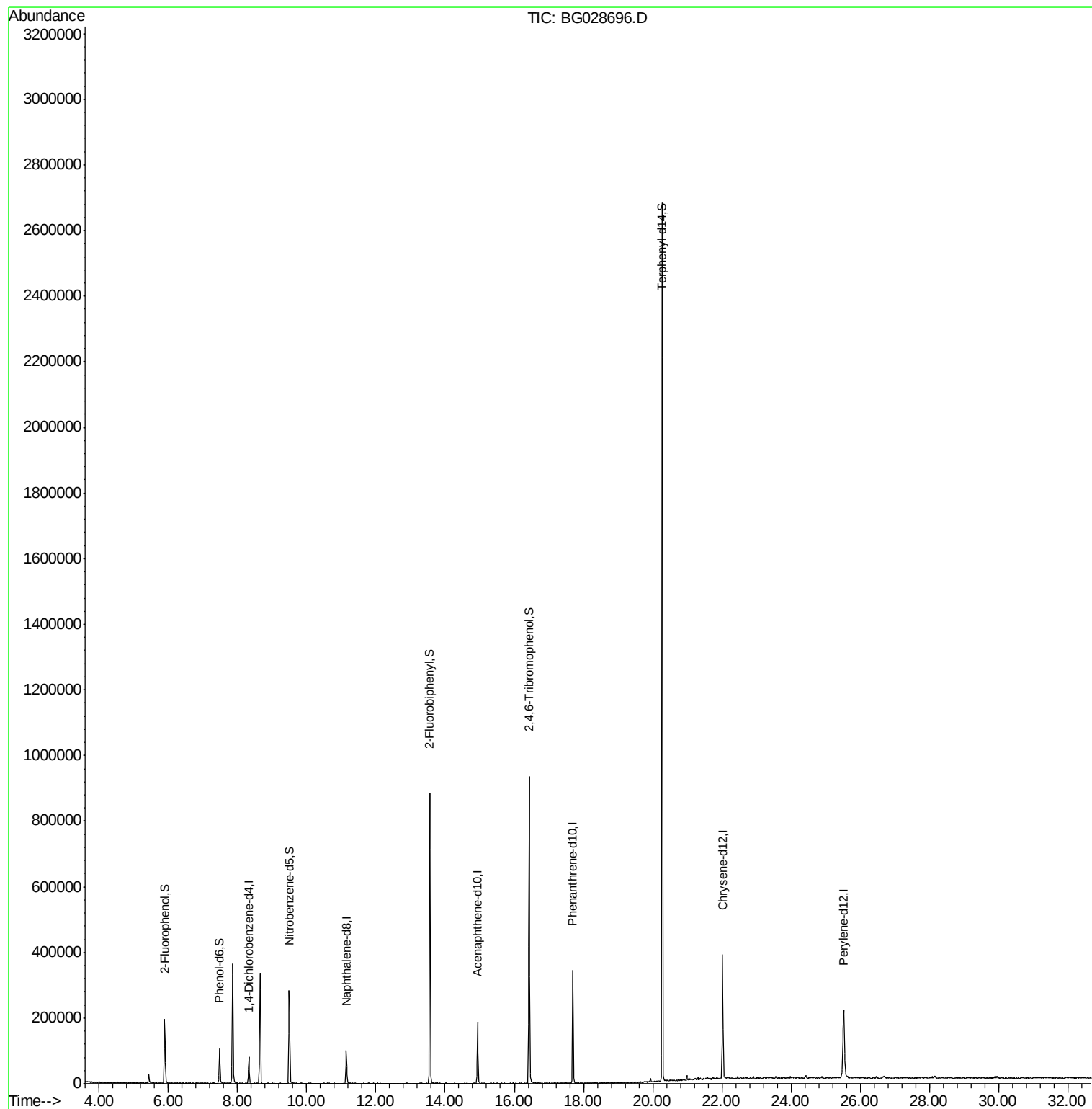
Target Compounds Qvalue

(#) = 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# 806

Delta R.T. -0.00 min

Lab File: BG028696.D

Acq: 13 Sep 2017 13:30

Instrument :

BNA_G

ClientSampleId :

C-MW-05-090717

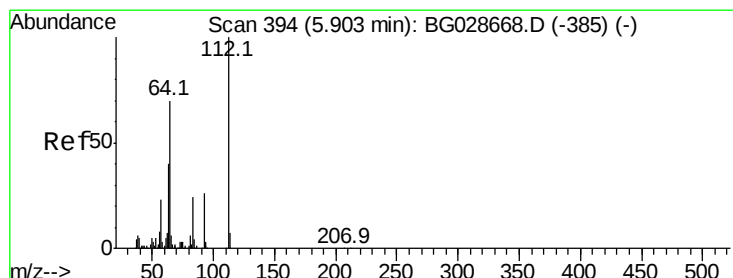
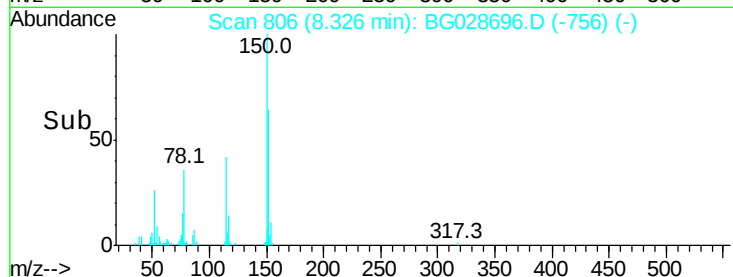
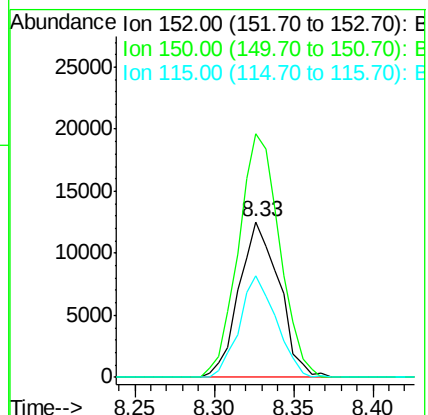
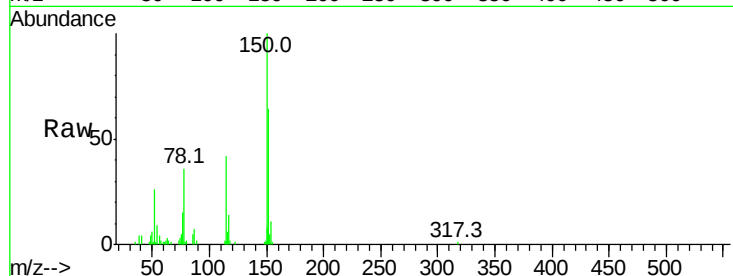
Tot Ion:152 Resp: 22023

Ion Ratio Lower Upper

152 100

150 156.2 114.0 171.0

115 65.3 48.1 72.1



#5

2-Fluorophenol

Concen: 62.868 ng

RT: 5.90 min Scan# 393

Delta R.T. -0.00 min

Lab File: BG028696.D

Acq: 13 Sep 2017 13:30

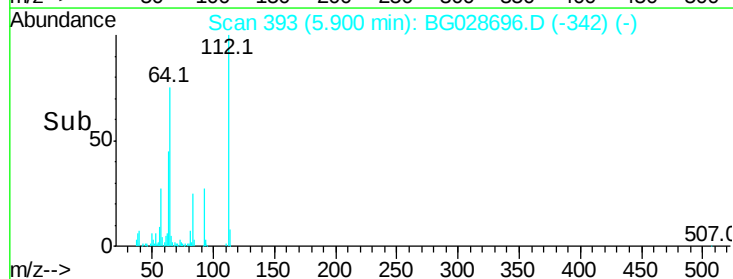
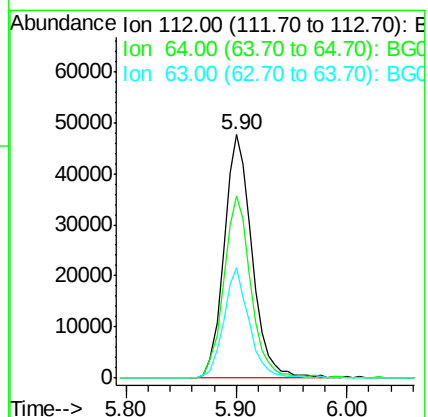
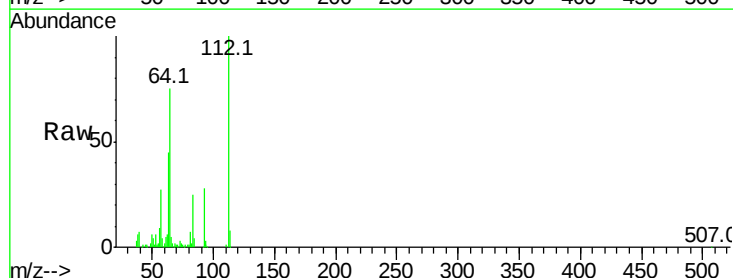
Tgt Ion:112 Resp: 83909

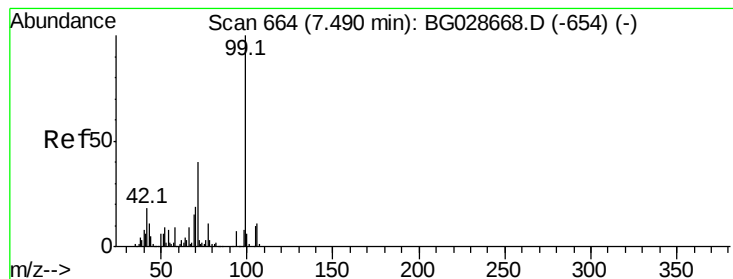
Ion Ratio Lower Upper

112 100

64 74.8 61.8 92.6

63 45.4 37.2 55.8





#7

Phenol-d6

Concen: 34.008 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028696.D

Acq: 13 Sep 2017 13:30

Instrument :

BNA_G

ClientSampleId :

C-MW-05-090717

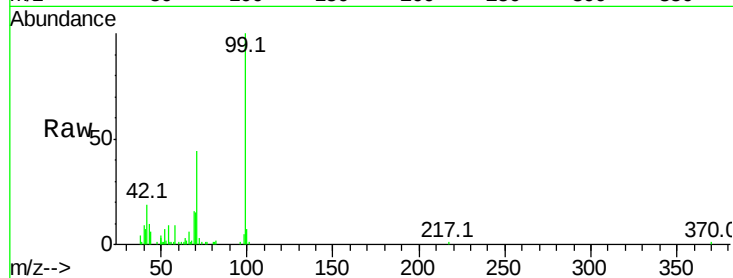
Tot Ion: 99 Resp: 68340

Ion Ratio Lower Upper

99 100

42 19.1 20.5 30.7#

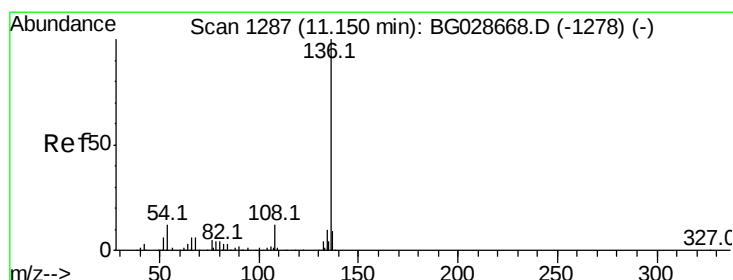
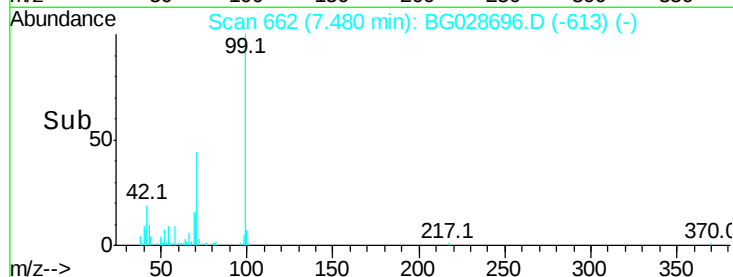
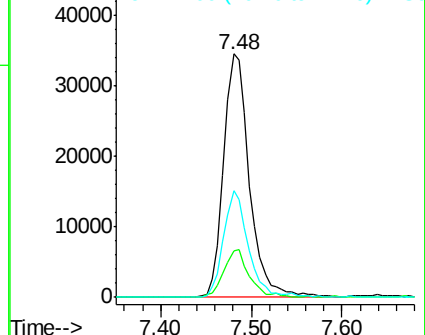
71 44.0 37.6 56.4



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: 11.15 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG028696.D

Acq: 13 Sep 2017 13:30

Tgt Ion: 136 Resp: 91491

Ion Ratio Lower Upper

136 100

137 12.0 8.9 13.3

54 11.9 9.3 13.9

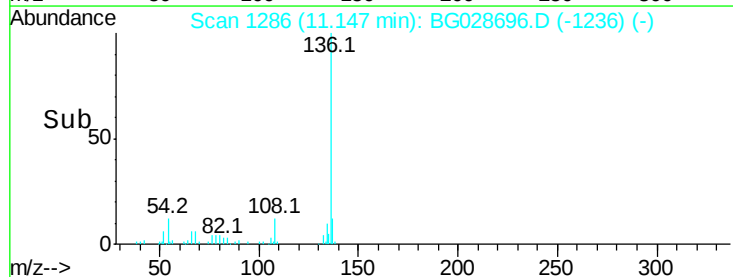
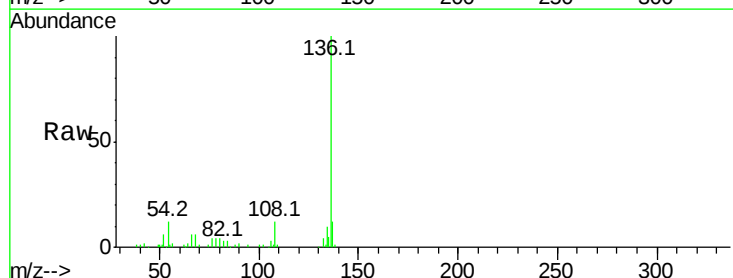
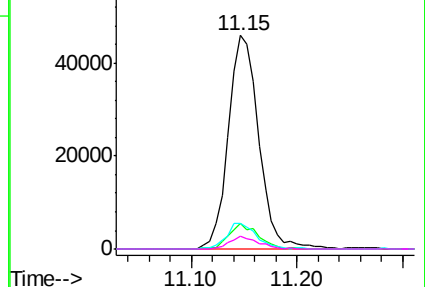
68 6.1 5.1 7.7

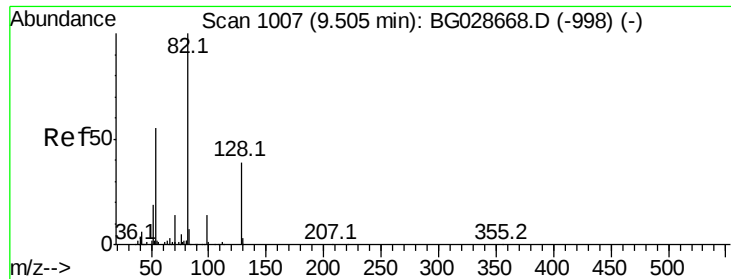
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

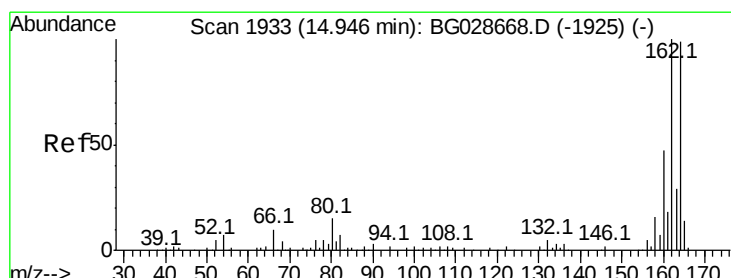
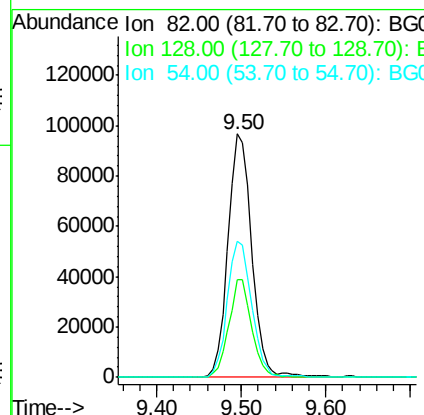
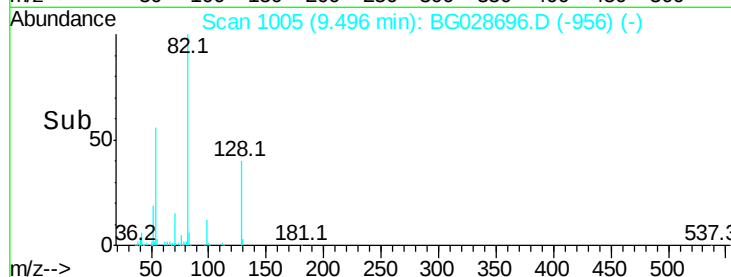
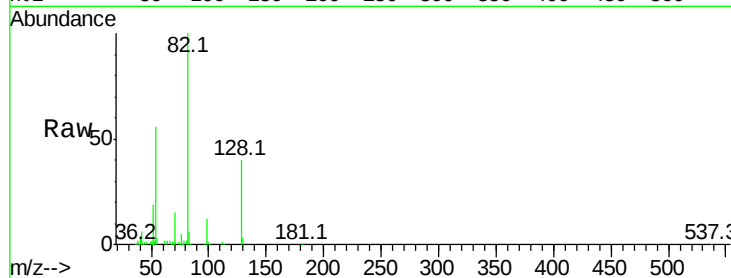




#23
Nitrobenzene-d5
Concen: 98.180 ng
RT: 9.50 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG028696.D
Acq: 13 Sep 2017 13:30

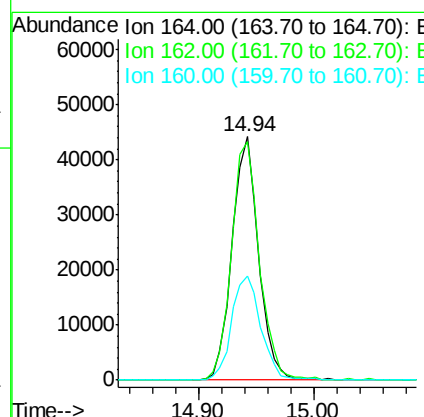
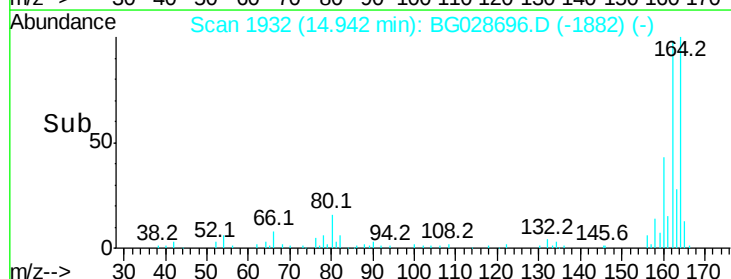
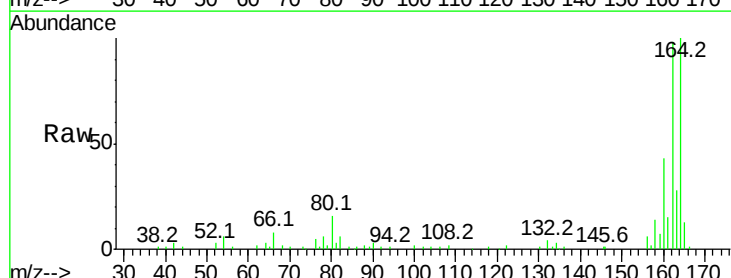
Instrument :
BNA_G
ClientSampleId :
C-MW-05-090717

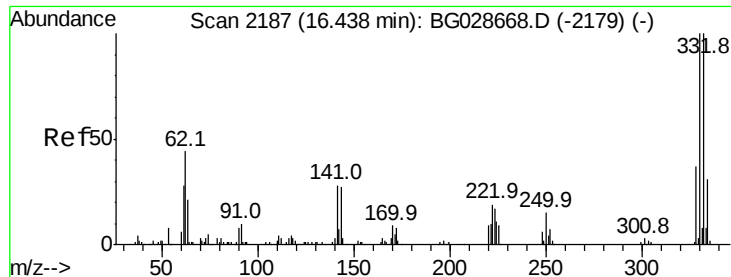
Tot Ion: 82 Resp: 187774
Ion Ratio Lower Upper
82 100
128 40.0 26.4 39.6#
54 55.9 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG028696.D
Acq: 13 Sep 2017 13:30

Tgt Ion: 164 Resp: 70461
Ion Ratio Lower Upper
164 100
162 98.1 85.1 127.7
160 42.5 34.7 52.1

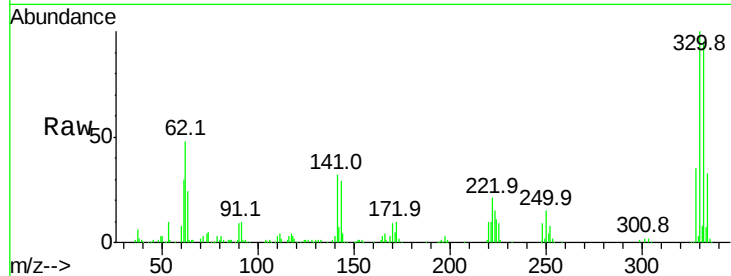




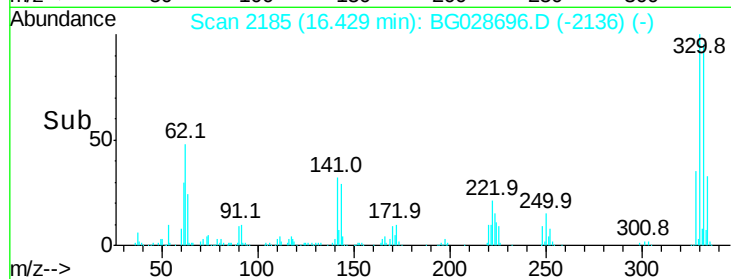
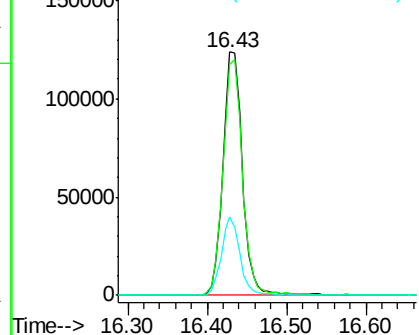
#41
 2,4,6-Tribromophenol
 Concen: 180.736 ng
 RT: 16.43 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG028696.D
 Acq: 13 Sep 2017 13:30

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-05-090717

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	30.4	32.1	48.1#

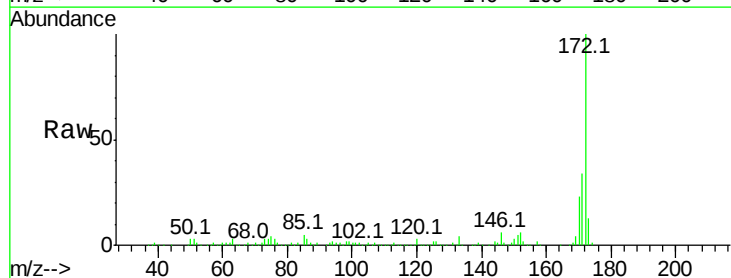


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

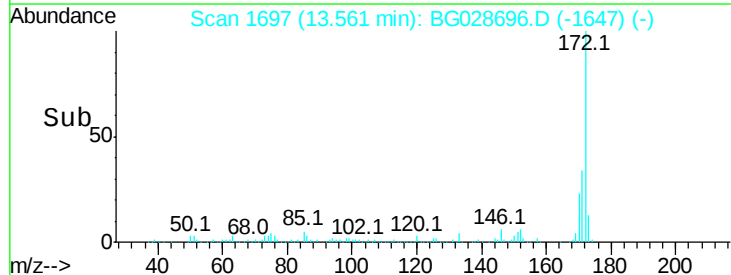
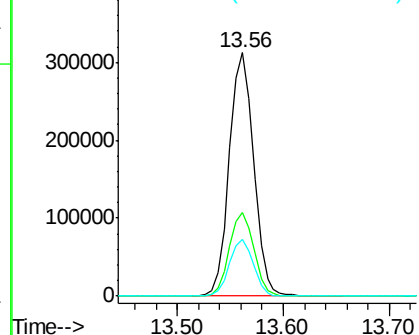


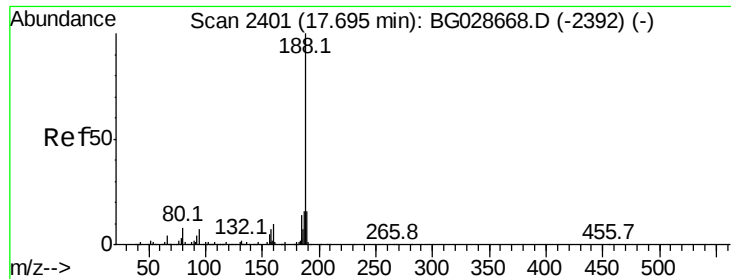
#44
 2-Fluorobiphenyl
 Concen: 94.928 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG028696.D
 Acq: 13 Sep 2017 13:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	32.2	48.2
170	23.1	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

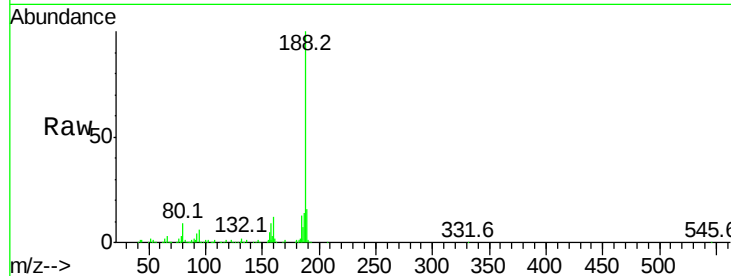




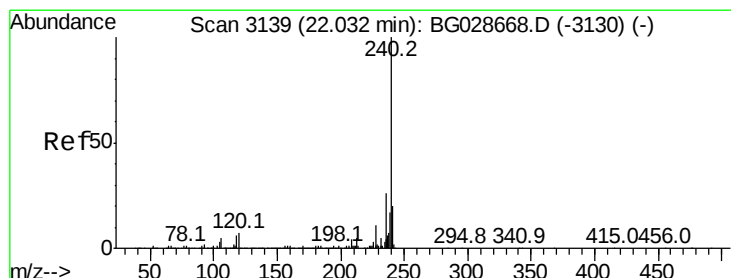
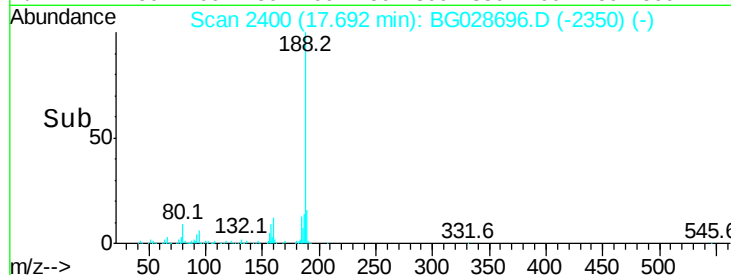
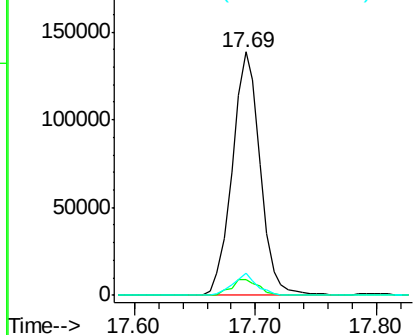
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG028696.D
Acq: 13 Sep 2017 13:30

Instrument :
BNA_G
ClientSampleId :
C-MW-05-090717

Tot Ion:188 Resp: 222532
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.8
80 9.0 7.5 11.3

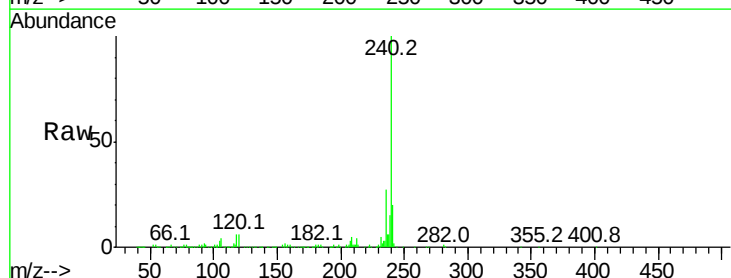


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

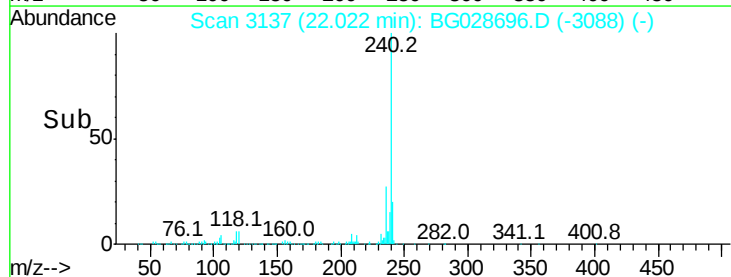
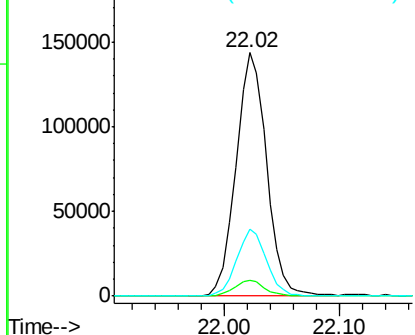


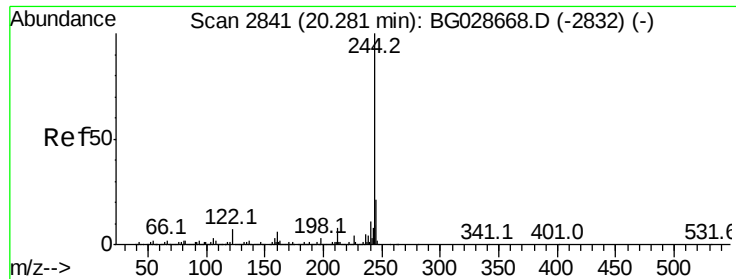
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.02 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG028696.D
Acq: 13 Sep 2017 13:30

Tgt Ion:240 Resp: 263706
Ion Ratio Lower Upper
240 100
120 6.3 5.7 8.5
236 27.4 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: 98.072 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028696.D

Acq: 13 Sep 2017 13:30

Instrument :

BNA_G

ClientSampleId :

C-MW-05-090717

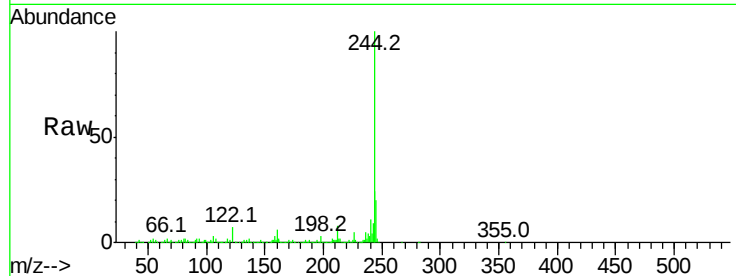
Tot Ion:244 Resp: 1212722

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

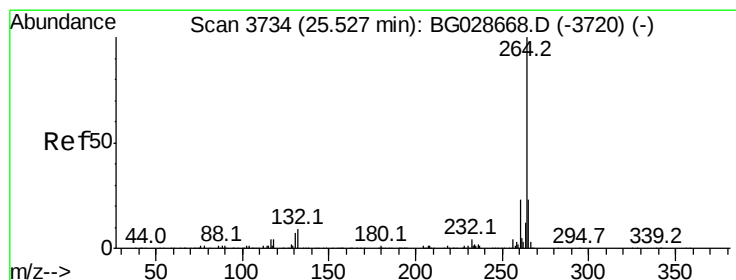
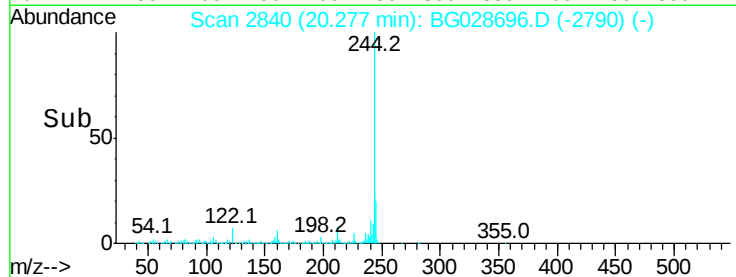
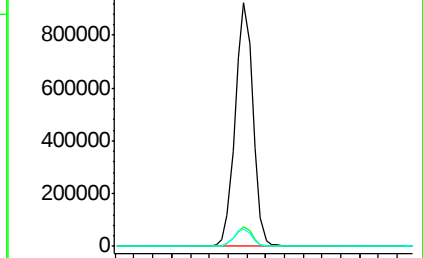
122 7.0 8.6 12.8#



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# 3732

Delta R.T. -0.01 min

Lab File: BG028696.D

Acq: 13 Sep 2017 13:30

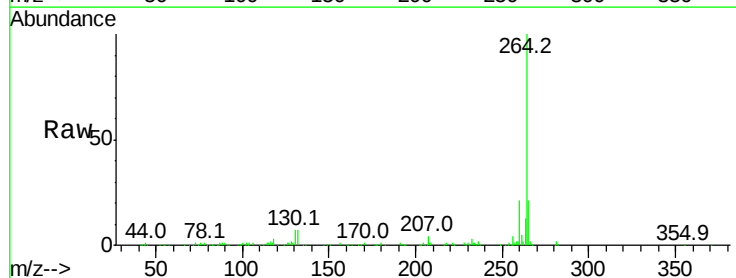
Tgt Ion:264 Resp: 270916

Ion Ratio Lower Upper

264 100

260 21.3 21.8 32.8#

265 20.9 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

