

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
 Data File : BG027800.D
 Acq On : 2 Jul 2017 2:01
 Operator : SJ/JU
 Sample : I4007-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP2-MH2094-COMP

Quant Time: Jul 03 06:58:20 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	8.48	152	29195	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	136922	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	94470	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	235586	20.00	ng	0.00
75) Chrysene-d12	22.17	240	241593	20.00	ng	0.00
86) Perylene-d12	25.79	264	236475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	214547	113.16	ng	0.00
7) Phenol-d6	7.62	99	272805	94.19	ng	0.00
23) Nitrobenzene-d5	9.64	82	197924	80.57	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	213328	164.64	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	542777	82.06	ng	0.00
78) Terphenyl-d14	20.39	244	1043010	101.21	ng	0.00

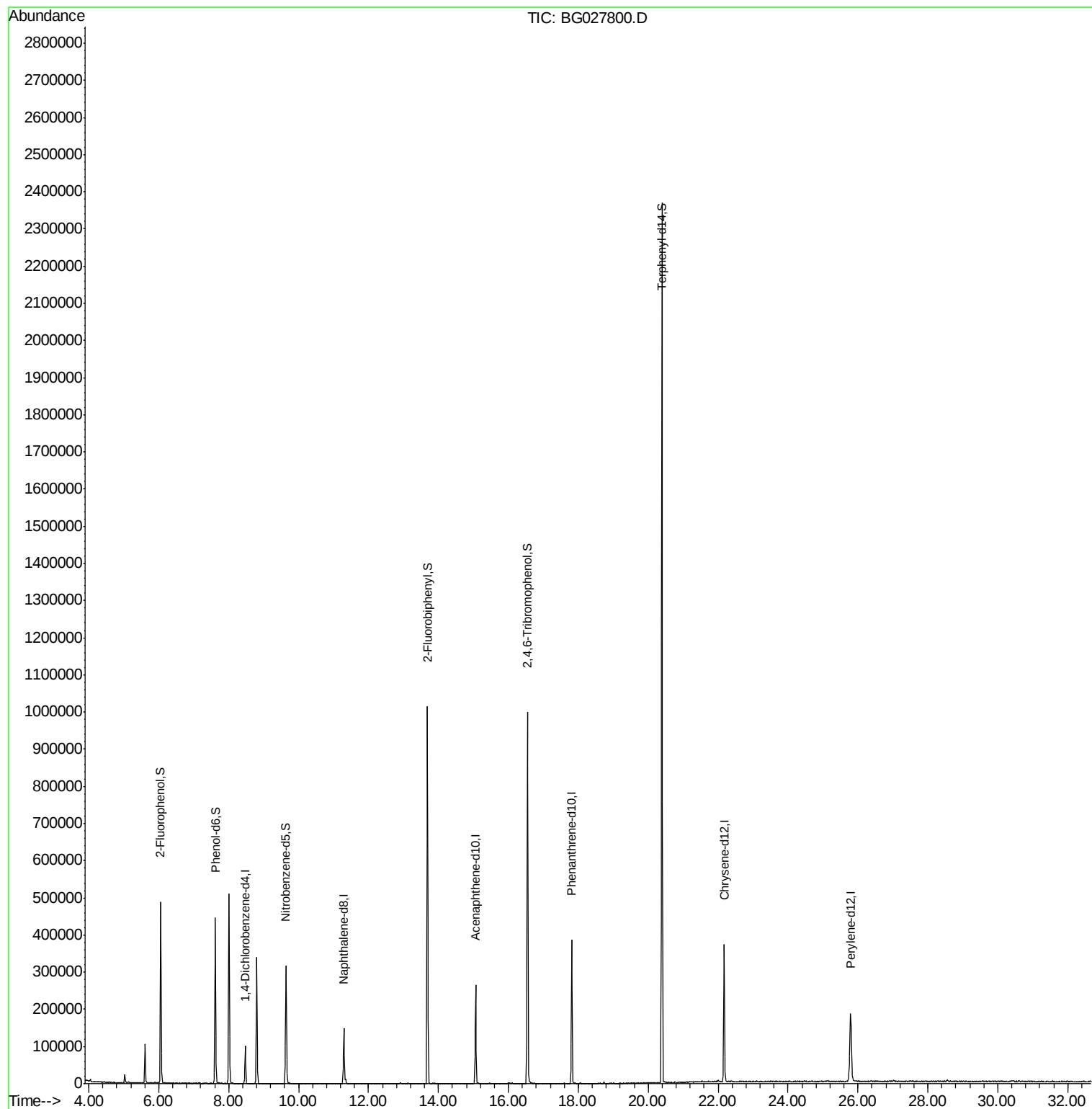
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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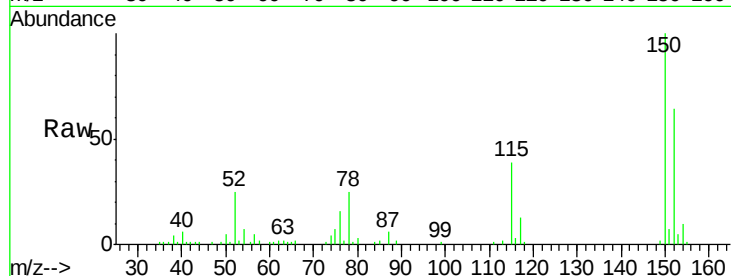




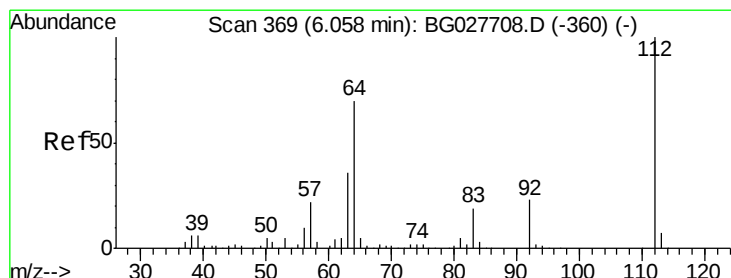
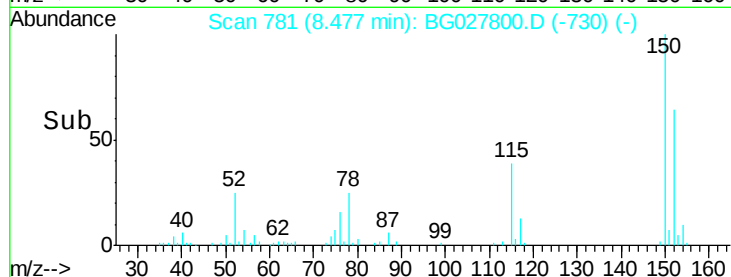
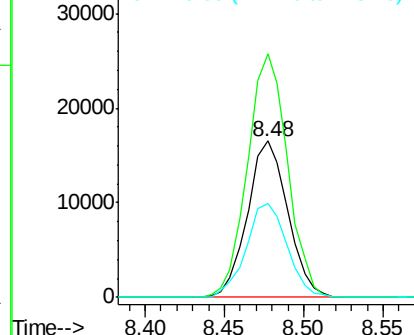
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.48 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BG027800.D
 Acq: 2 Jul 2017 2:01

Instrument :
 BNA_G
 ClientSampleId :
 TP2-MH2094-COMP

Tgt Ion:152 Resp: 29195
 Ion Ratio Lower Upper
 152 100
 150 155.9 114.0 171.0
 115 60.2 48.1 72.1

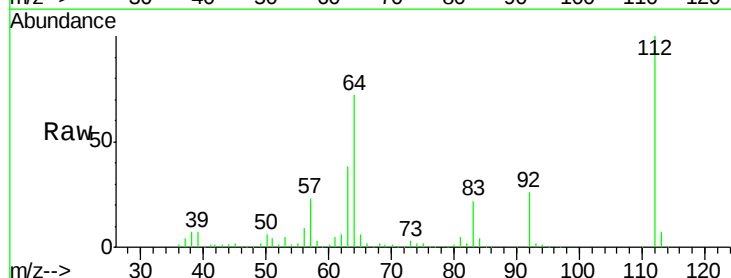


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

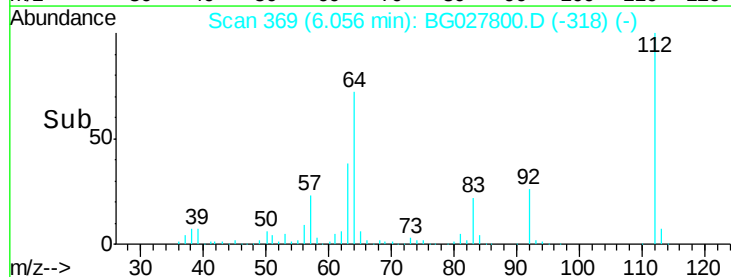
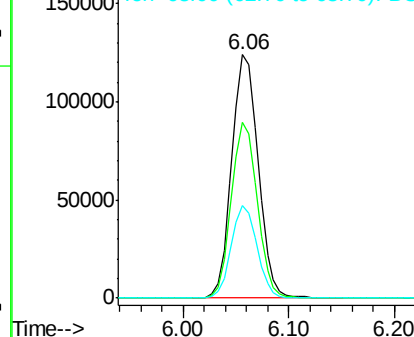


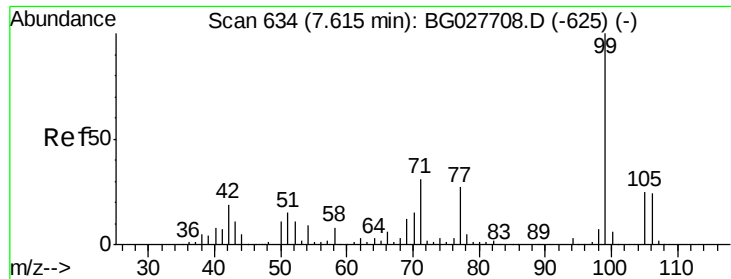
#5
 2-Fluorophenol
 Concen: 113.164 ng
 RT: 6.06 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: BG027800.D
 Acq: 2 Jul 2017 2:01

Tgt Ion:112 Resp: 214547
 Ion Ratio Lower Upper
 112 100
 64 72.2 61.8 92.6
 63 38.0 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: 94.190 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027800.D

Acq: 2 Jul 2017 2:01

Instrument :

BNA_G

ClientSampleId :

TP2-MH2094-COMP

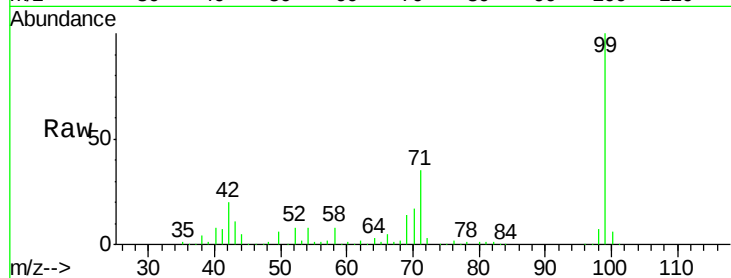
Tgt Ion: 99 Resp: 272805

Ion Ratio Lower Upper

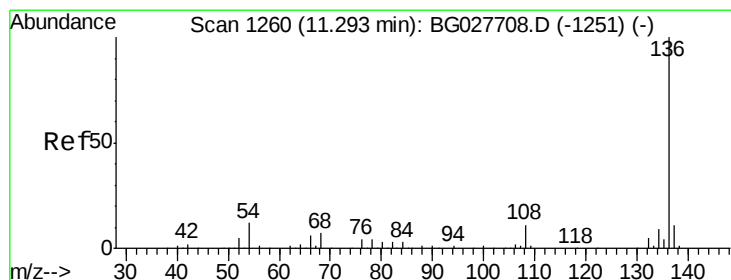
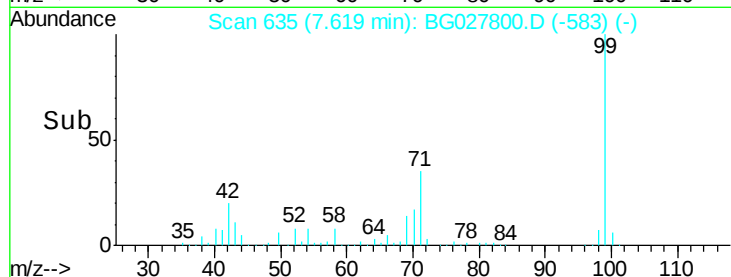
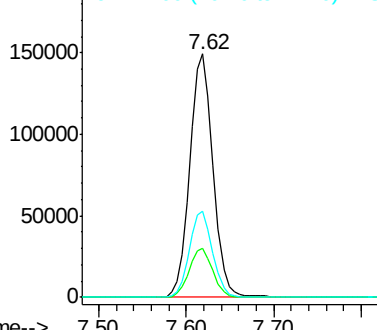
99 100

42 20.2 20.5 30.7#

71 35.4 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: 11.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG027800.D

Acq: 2 Jul 2017 2:01

Tgt Ion: 136 Resp: 136922

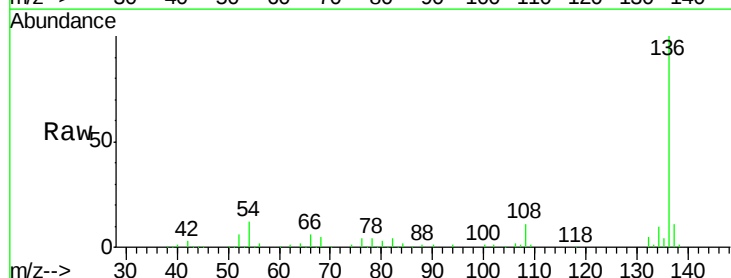
Ion Ratio Lower Upper

136 100

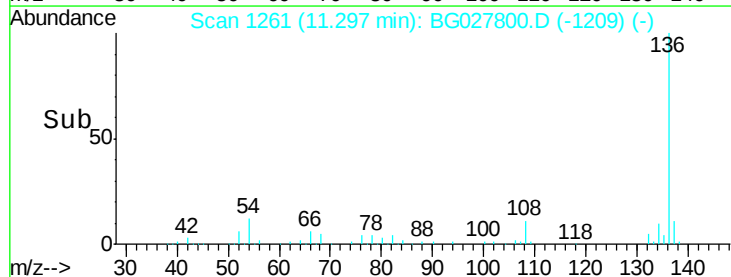
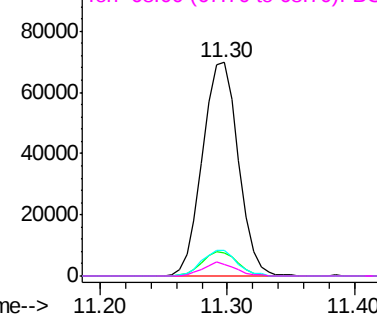
137 11.1 8.9 13.3

54 12.1 9.3 13.9

68 5.5 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

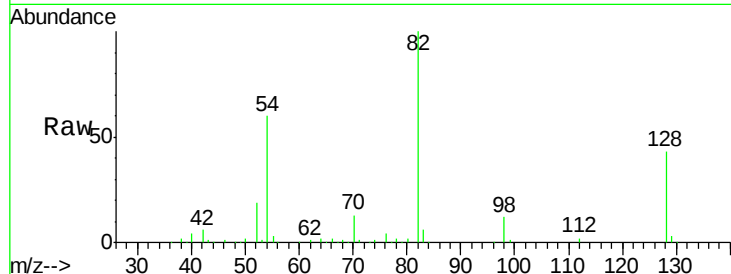




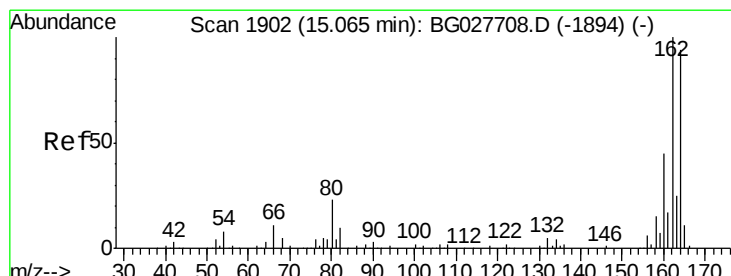
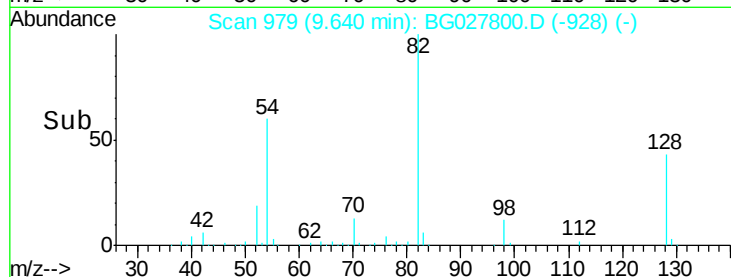
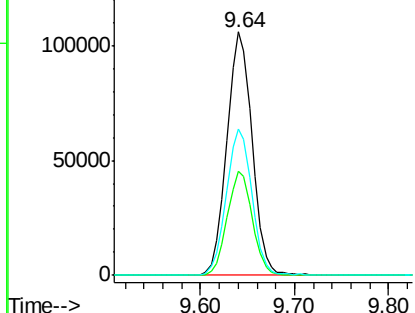
#23
Nitrobenzene-d5
Concen: 80.575 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027800.D
Acq: 2 Jul 2017 2:01

Instrument :
BNA_G
ClientSampleId :
TP2-MH2094-COMP

Tgt Ion: 82 Resp: 197924
Ion Ratio Lower Upper
82 100
128 42.8 26.4 39.6#
54 60.2 49.4 74.2

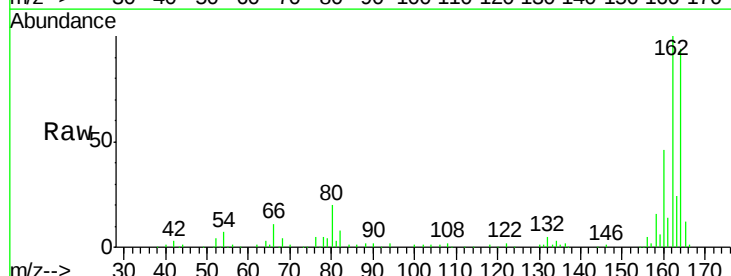


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

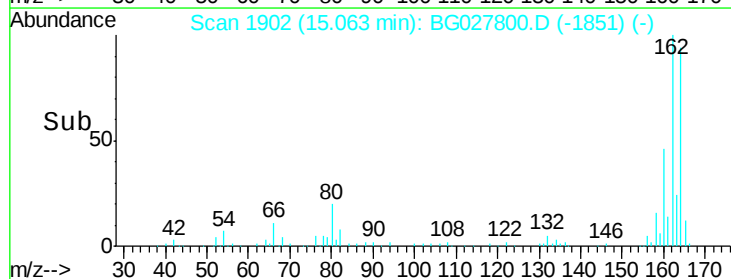
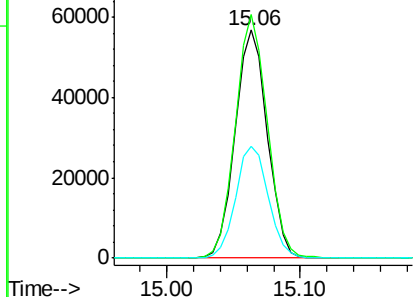


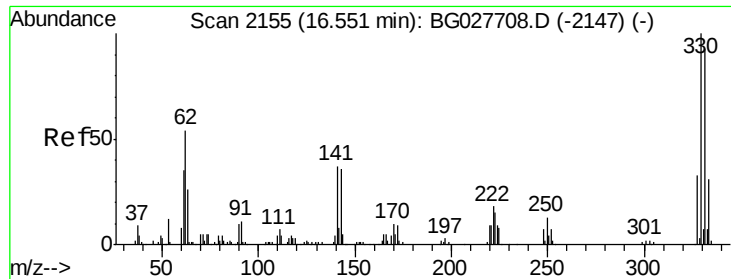
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027800.D
Acq: 2 Jul 2017 2:01

Tgt Ion: 164 Resp: 94470
Ion Ratio Lower Upper
164 100
162 106.9 85.1 127.7
160 49.3 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

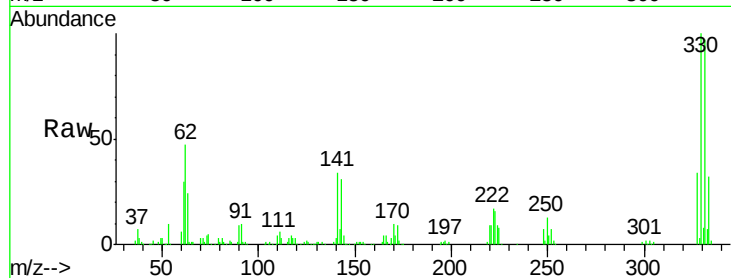




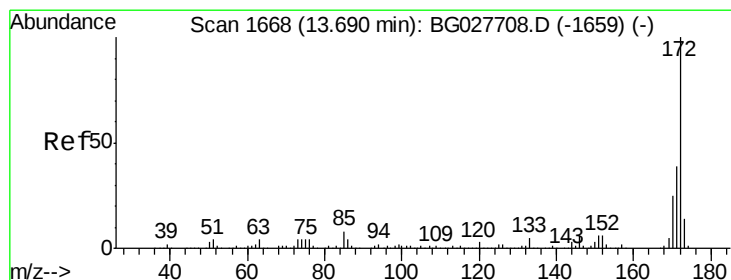
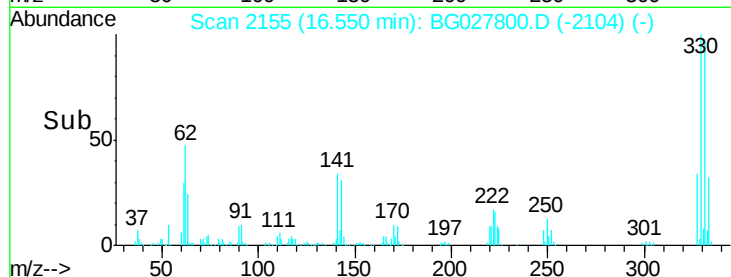
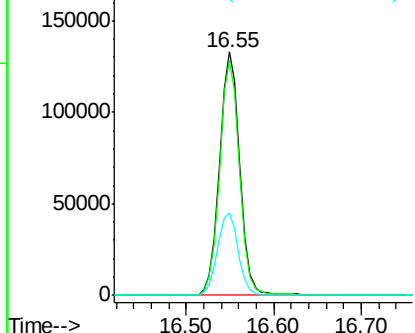
#41
 2,4,6-Tribromophenol
 Concen: 164.636 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027800.D
 Acq: 2 Jul 2017 2:01

Instrument :
 BNA_G
 ClientSampleId :
 TP2-MH2094-COMP

Tgt Ion:330 Resp: 213328
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.3 115.9
 141 35.1 32.1 48.1

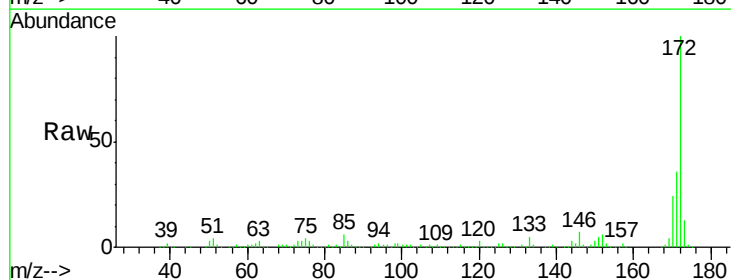


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

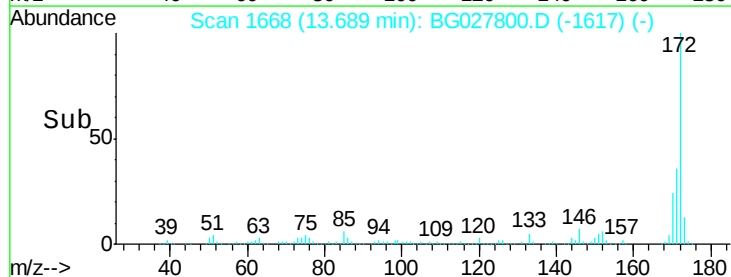
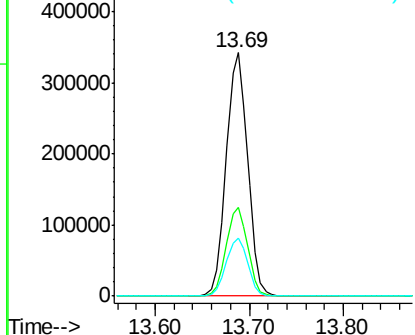


#44
 2-Fluorobiphenyl
 Concen: 82.055 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027800.D
 Acq: 2 Jul 2017 2:01

Tgt Ion:172 Resp: 542777
 Ion Ratio Lower Upper
 172 100
 171 36.3 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

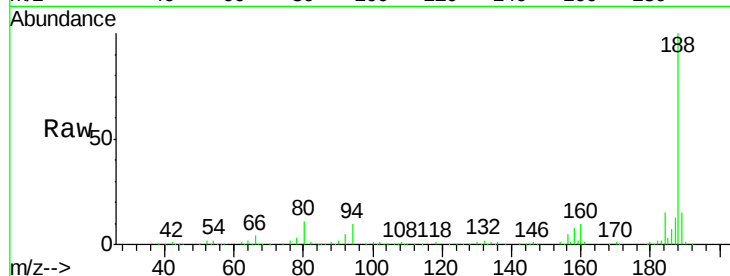




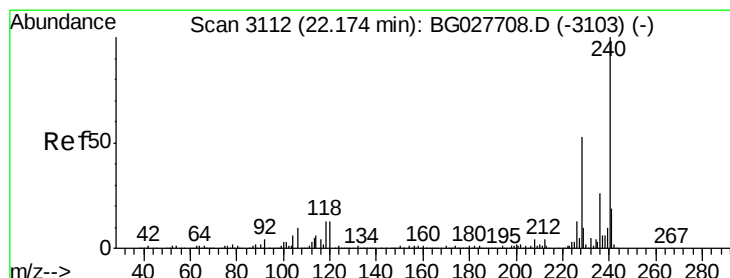
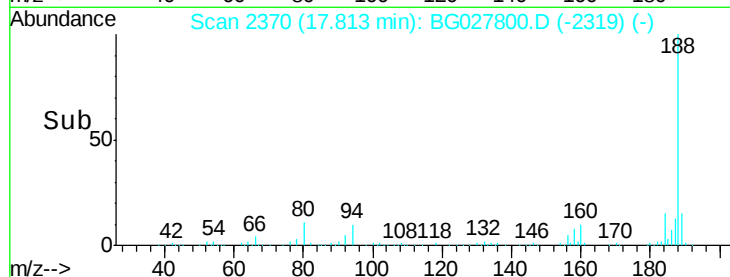
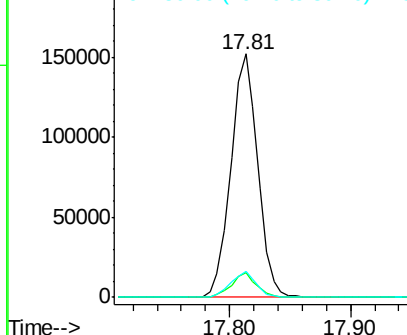
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027800.D
Acq: 2 Jul 2017 2:01

Instrument :
BNA_G
ClientSampleId :
TP2-MH2094-COMP

Tgt Ion:188 Resp: 235586
Ion Ratio Lower Upper
188 100
94 10.0 5.8 8.8#
80 10.8 7.5 11.3

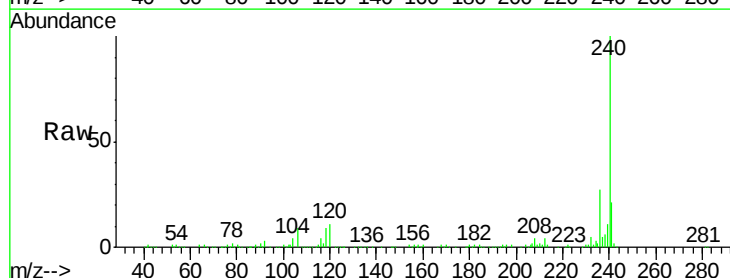


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

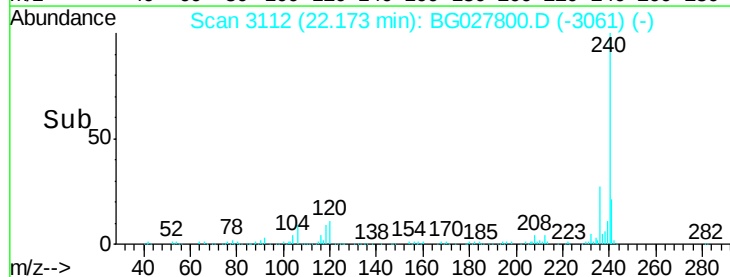
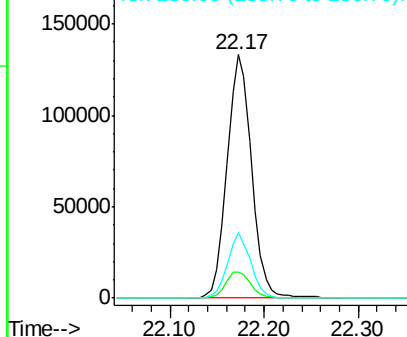


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027800.D
Acq: 2 Jul 2017 2:01

Tgt Ion:240 Resp: 241593
Ion Ratio Lower Upper
240 100
120 10.6 5.7 8.5#
236 27.0 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: 101.212 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027800.D

Acq: 2 Jul 2017 2:01

Instrument :

BNA_G

ClientSampleId :

TP2-MH2094-COMP

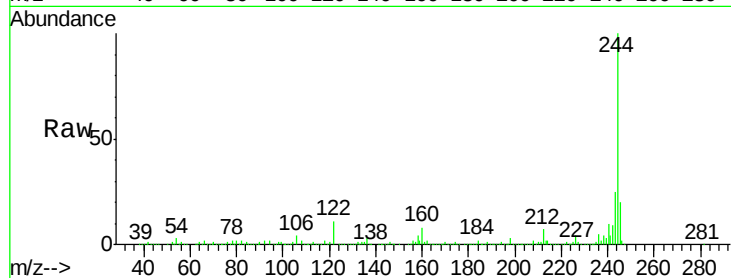
Tgt Ion:244 Resp: 1043010

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

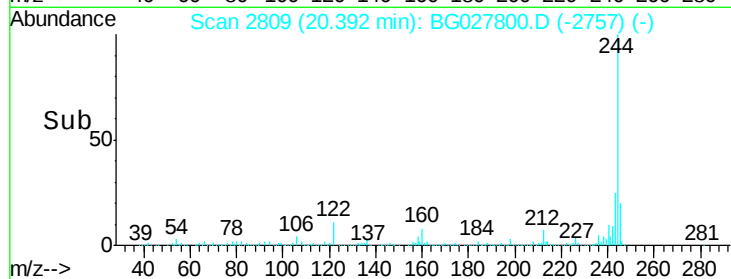
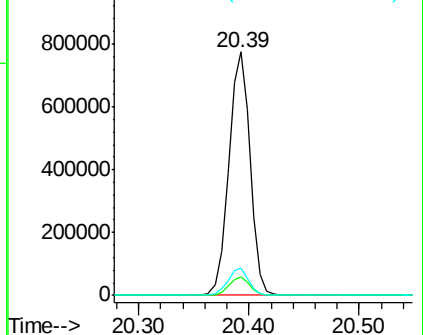
122 11.0 8.6 12.8



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: 25.79 min Scan# 3728

Delta R.T. 0.00 min

Lab File: BG027800.D

Acq: 2 Jul 2017 2:01

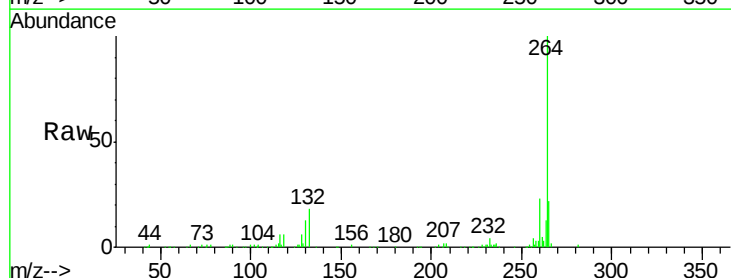
Tgt Ion:264 Resp: 236475

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 21.7 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

