

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070117\
 Data File : BG027799.D
 Acq On : 2 Jul 2017 1:21
 Operator : SJ/JU
 Sample : I4006-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 06:58:06 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

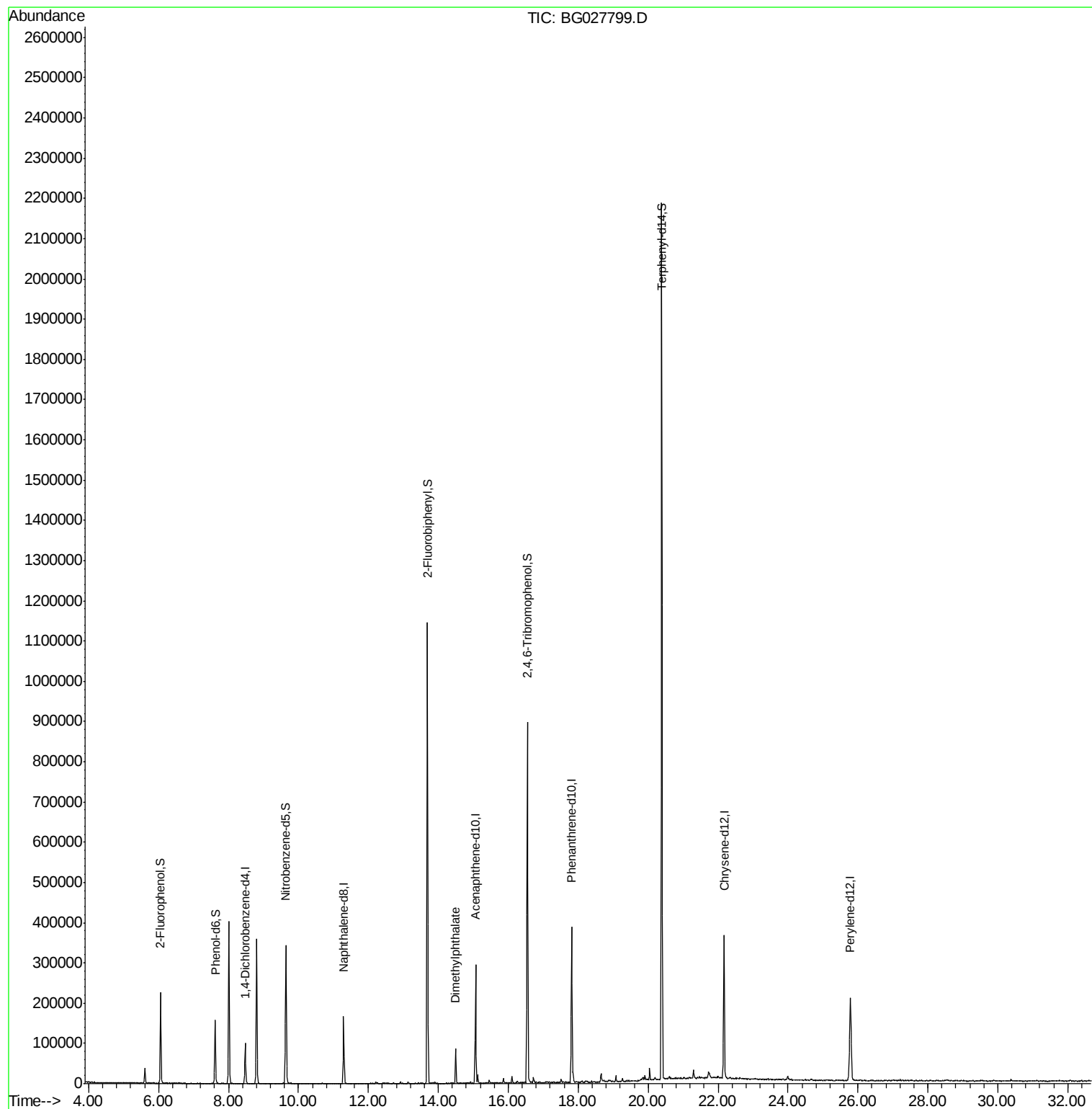
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	29289	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	150098	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	101128	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	237940	20.00	ng	0.00
75) Chrysene-d12	22.17	240	241141	20.00	ng	0.00
86) Perylene-d12	25.78	264	245310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	103585	54.46	ng	0.00
7) Phenol-d6	7.62	99	94929	32.67	ng	0.00
23) Nitrobenzene-d5	9.64	82	214920	79.81	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	182518	131.58	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	610654	86.24	ng	0.00
78) Terphenyl-d14	20.39	244	989942	96.24	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.50	163	59007	6.84	ng	Qvalue 97

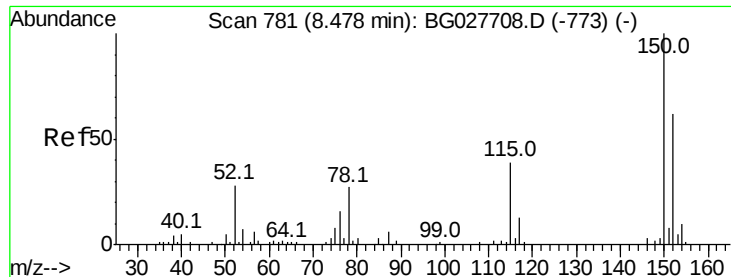
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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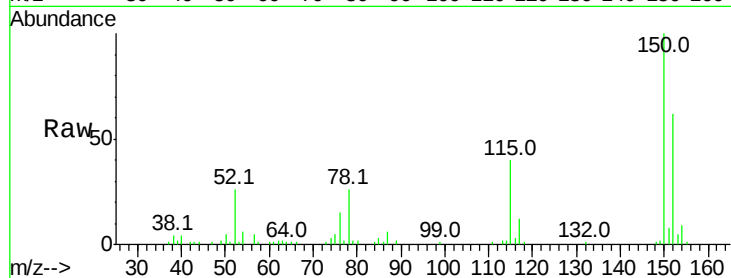


#1

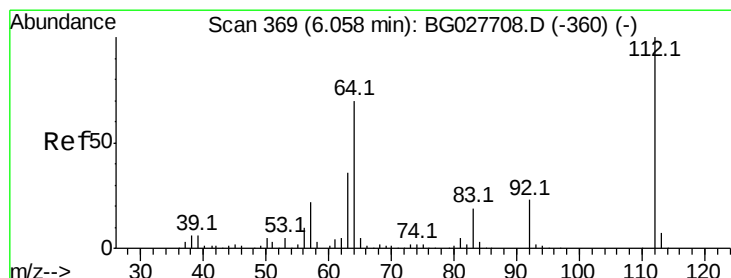
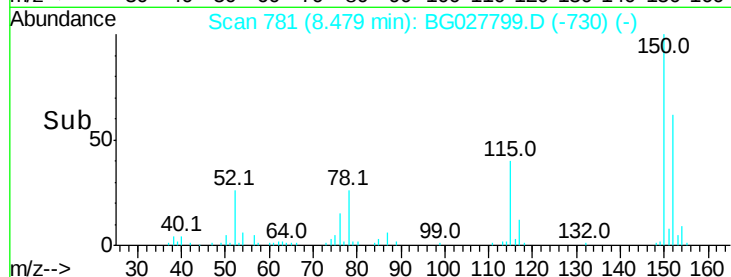
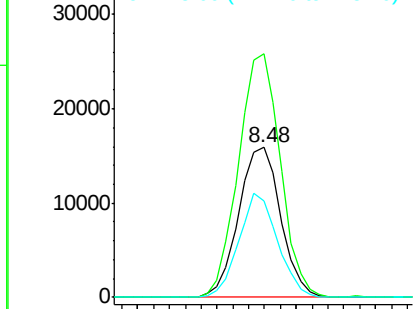
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG027799.D
Acq: 2 Jul 2017 1:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29289
Ion Ratio Lower Upper
152 100
150 162.3 114.0 171.0
115 64.4 48.1 72.1



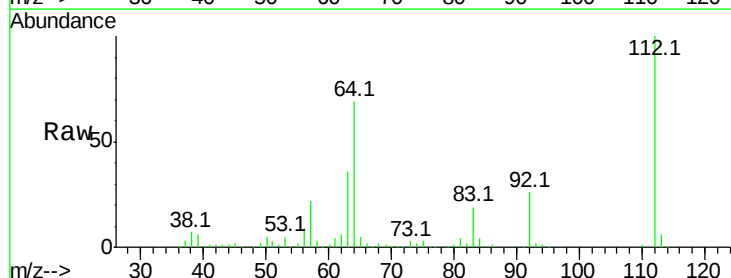
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



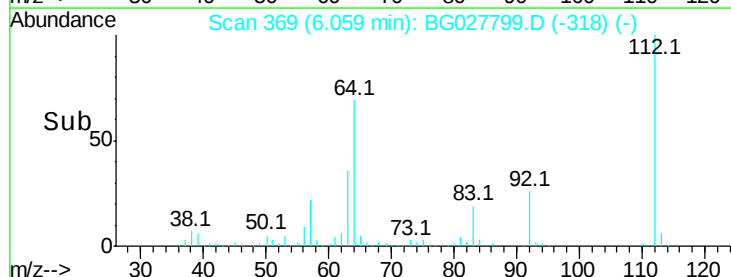
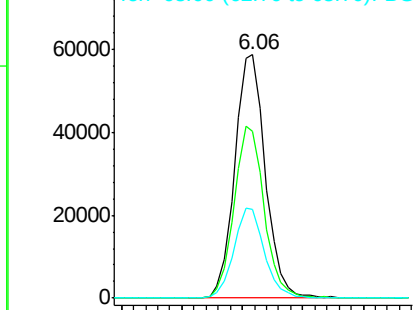
#5

2-Fluorophenol
Concen: 54.46 ng
RT: 6.06 min Scan# 369
Delta R.T. 0.00 min
Lab File: BG027799.D
Acq: 2 Jul 2017 1:21

Tgt Ion:112 Resp: 103585
Ion Ratio Lower Upper
112 100
64 68.5 61.8 92.6
63 36.2 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: 32.67 ng

RT: 7.62 min Scan# 634

Delta R.T. 0.00 min

Lab File: BG027799.D

Acq: 2 Jul 2017 1:21

Instrument :

BNA_G

ClientSampleId :

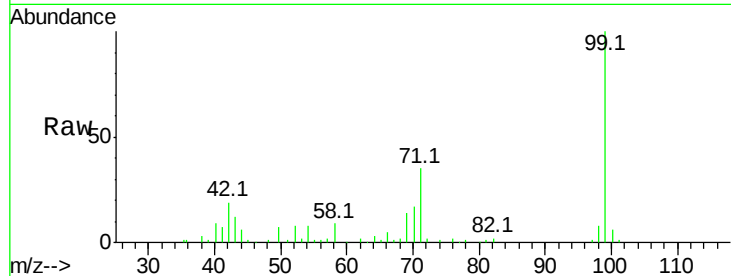
Tot Ion: 99 Resp: 94929

Ion Ratio Lower Upper

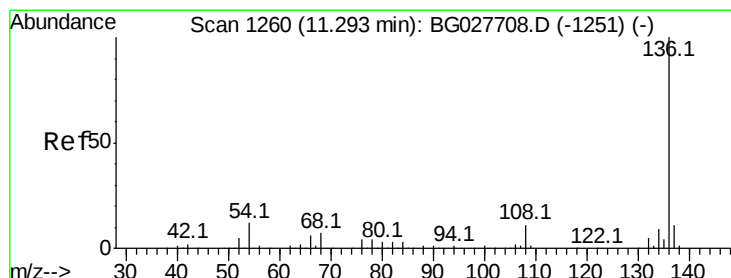
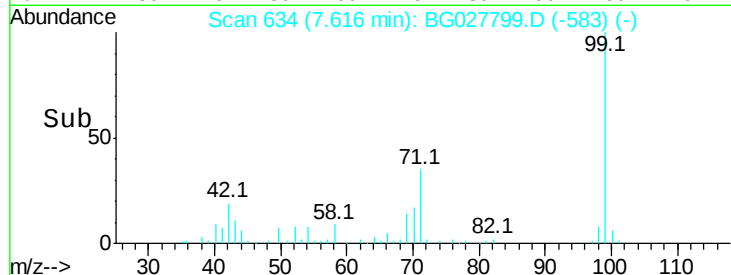
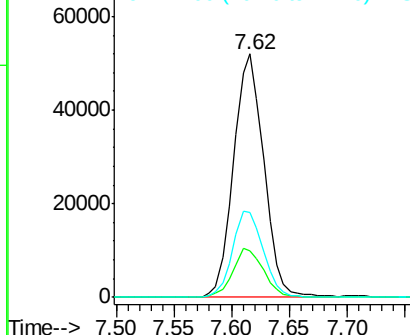
99 100

42 19.2 20.5 30.7#

71 35.1 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: 20.00 ng

RT: 11.29 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG027799.D

Acq: 2 Jul 2017 1:21

Tgt Ion: 136 Resp: 150098

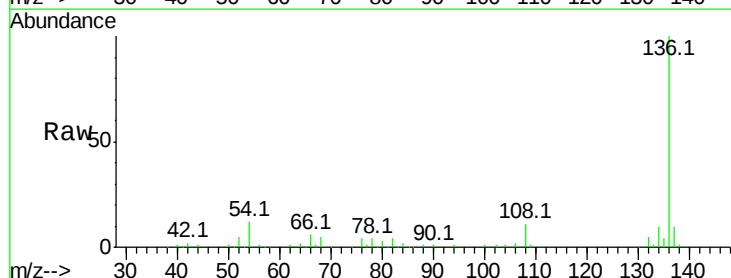
Ion Ratio Lower Upper

136 100

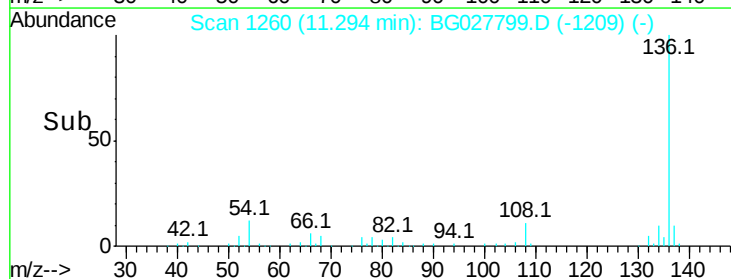
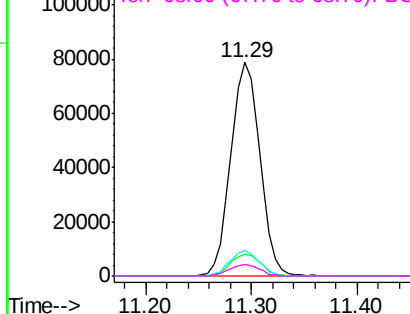
137 10.2 8.9 13.3

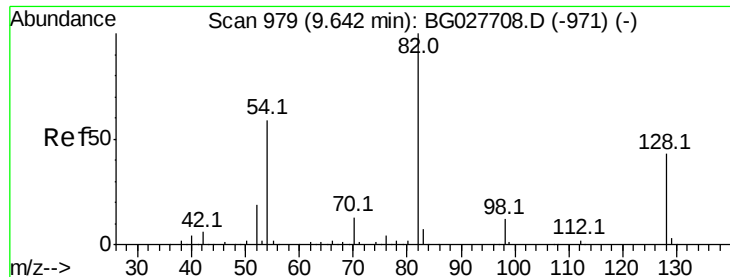
54 11.9 9.3 13.9

68 5.4 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

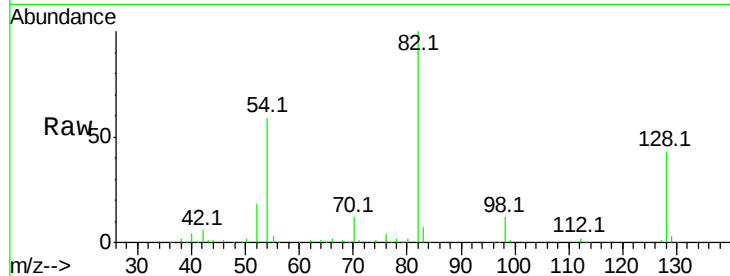




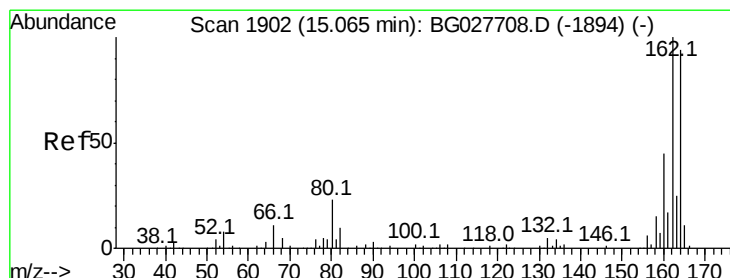
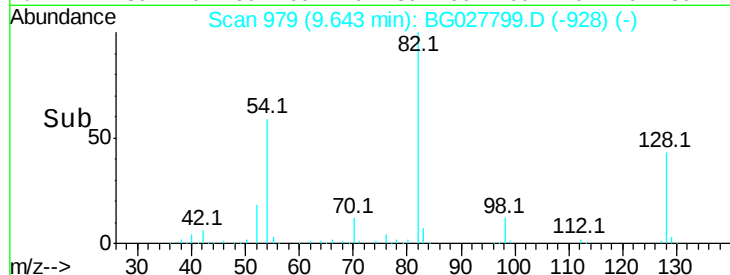
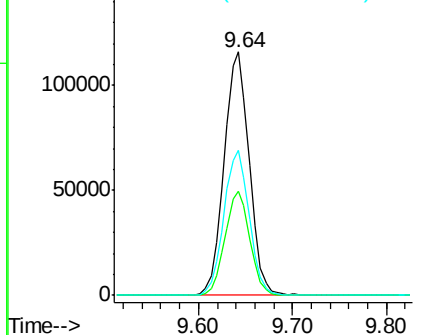
#23
Nitrobenzene-d5
Concen: 79.81 ng
RT: 9.64 min Scan# 979
Delta R.T. 0.00 min
Lab File: BG027799.D
Acq: 2 Jul 2017 1:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 214920
Ion Ratio Lower Upper
82 100
128 43.0 26.4 39.6#
54 59.5 49.4 74.2

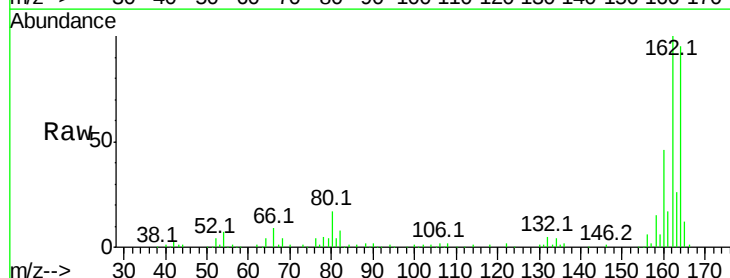


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

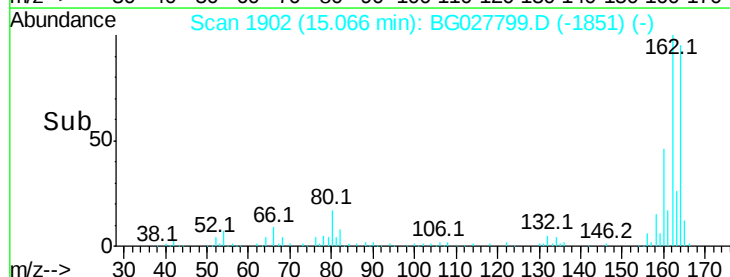
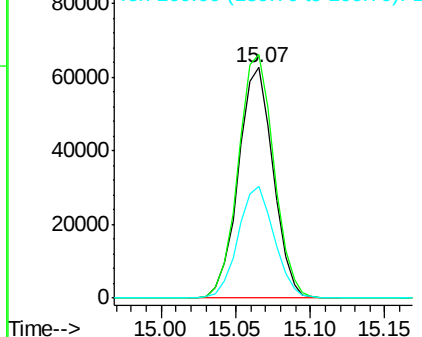


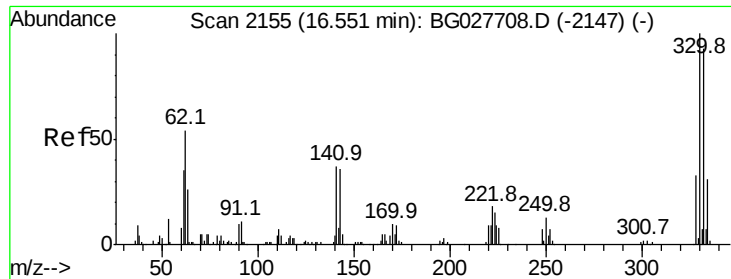
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BG027799.D
Acq: 2 Jul 2017 1:21

Tgt Ion:164 Resp: 101128
Ion Ratio Lower Upper
164 100
162 105.5 85.1 127.7
160 48.4 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

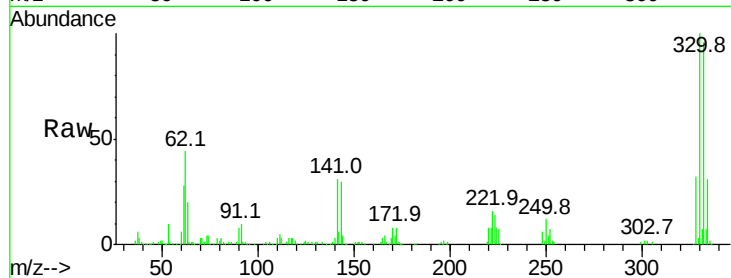




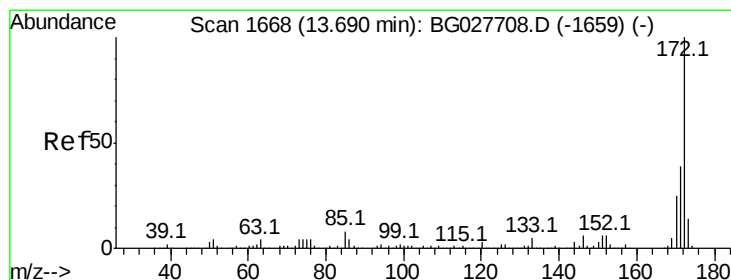
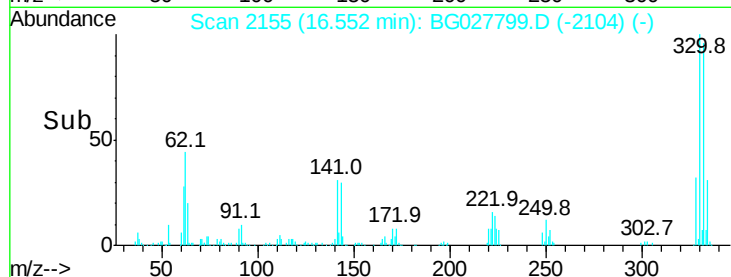
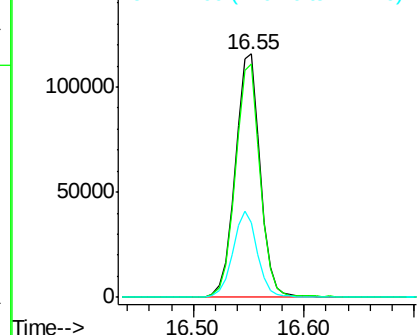
#41
 2,4,6-Tribromophenol
 Concen: 131.58 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG027799.D
 Acq: 2 Jul 2017 1:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	34.7	32.1	48.1

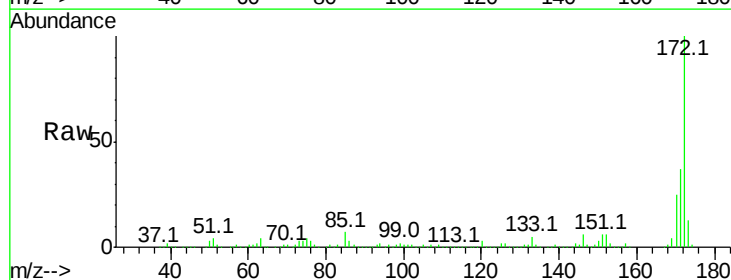


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

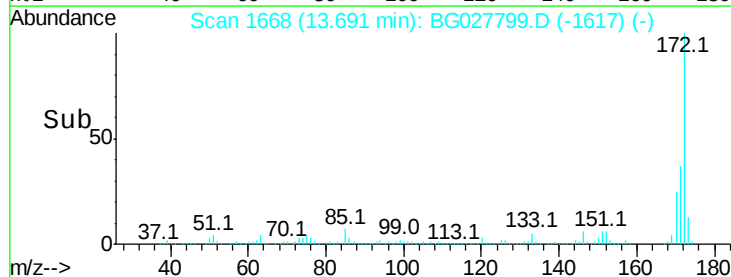
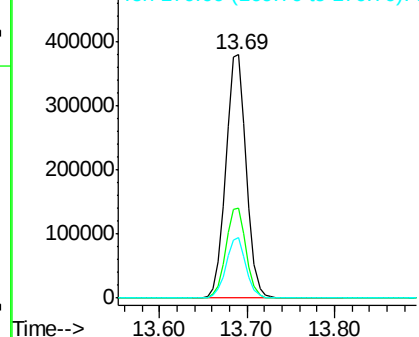


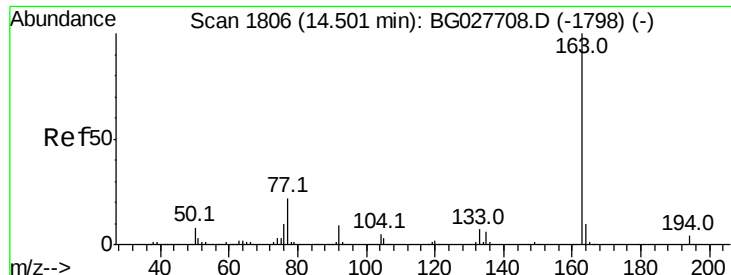
#44
 2-Fluorobiphenyl
 Concen: 86.24 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BG027799.D
 Acq: 2 Jul 2017 1:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	24.6	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

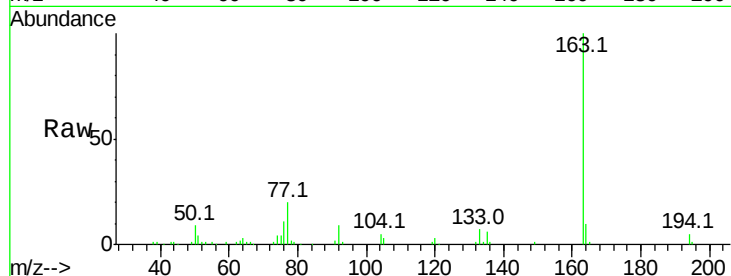




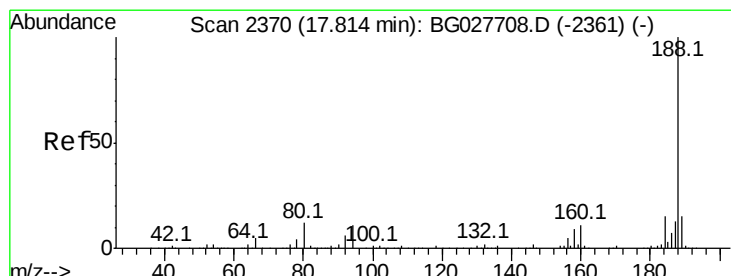
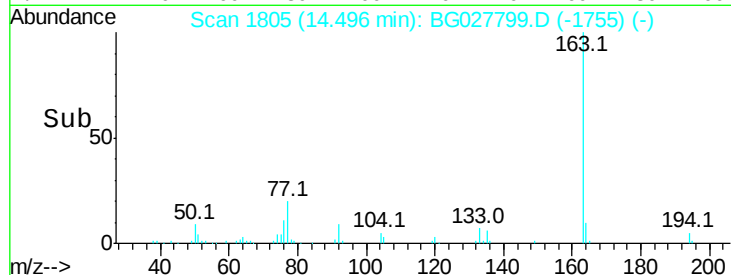
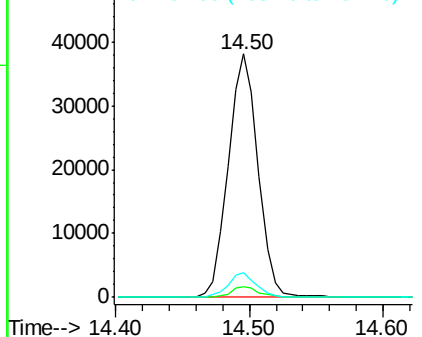
#49
Dimethylphthalate
Concen: 6.84 ng
RT: 14.50 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG027799.D
Acq: 2 Jul 2017 1:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 59007
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 10.0 9.3 13.9

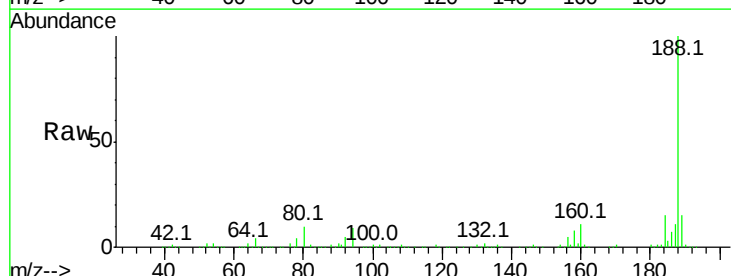


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

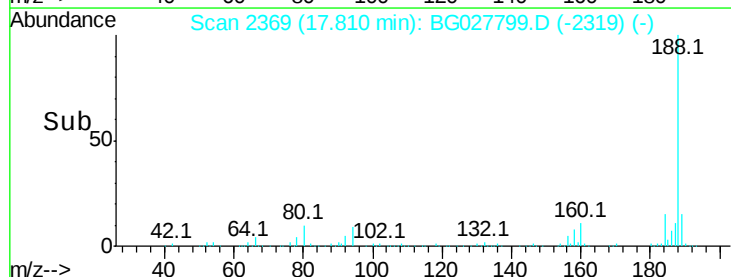
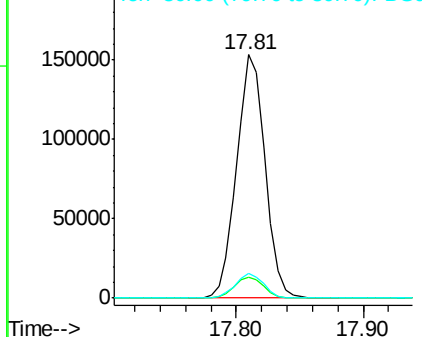


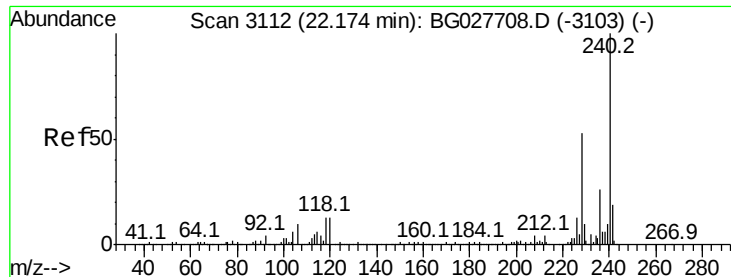
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BG027799.D
Acq: 2 Jul 2017 1:21

Tgt Ion:188 Resp: 237940
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.8#
80 10.1 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: 22.17 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BG027799.D

Acq: 2 Jul 2017 1:21

Instrument :

BNA_G

ClientSampleId :

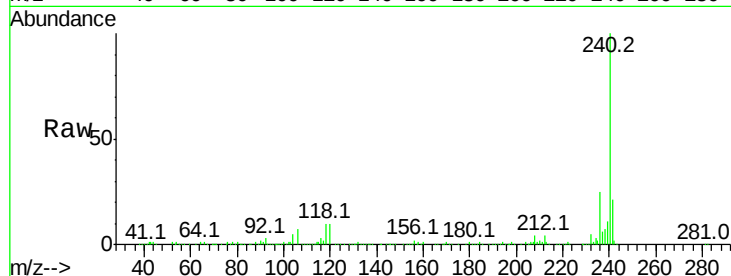
Tot Ion:240 Resp: 241141

Ion Ratio Lower Upper

240 100

120 9.6 5.7 8.5#

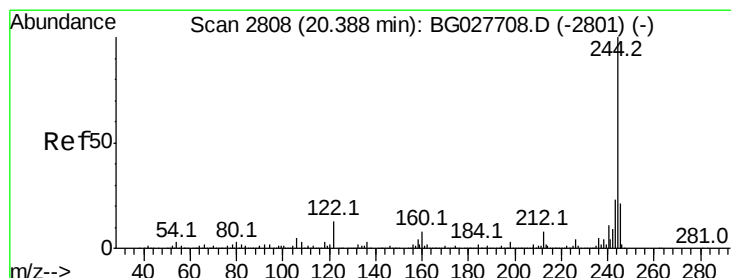
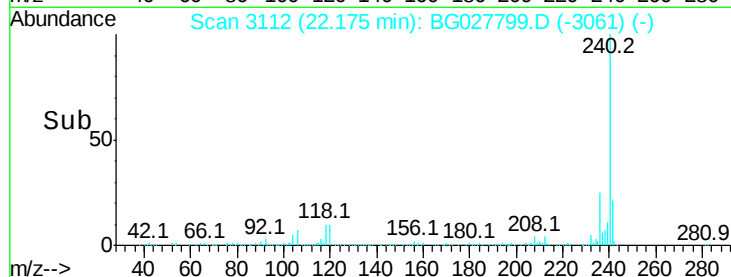
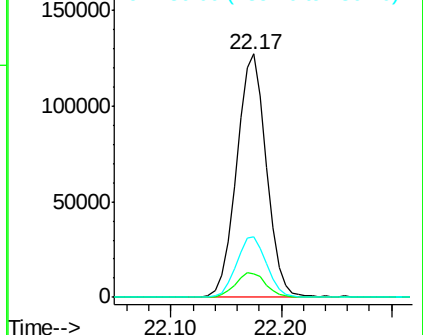
236 24.7 22.2 33.4



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: 96.24 ng

RT: 20.39 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG027799.D

Acq: 2 Jul 2017 1:21

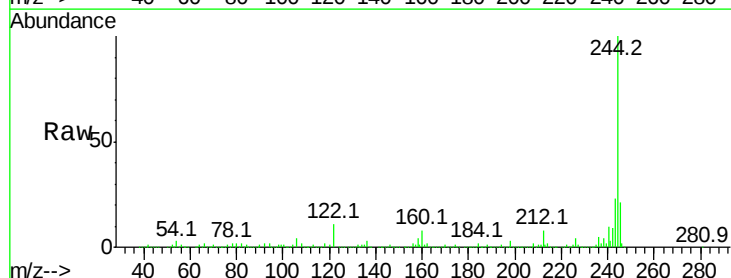
Tgt Ion:244 Resp: 989942

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

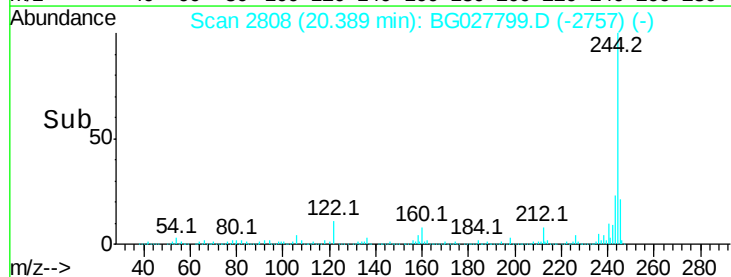
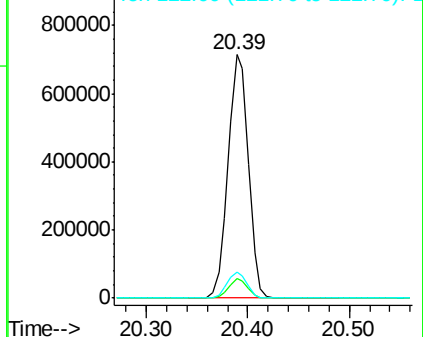
122 10.9 8.6 12.8

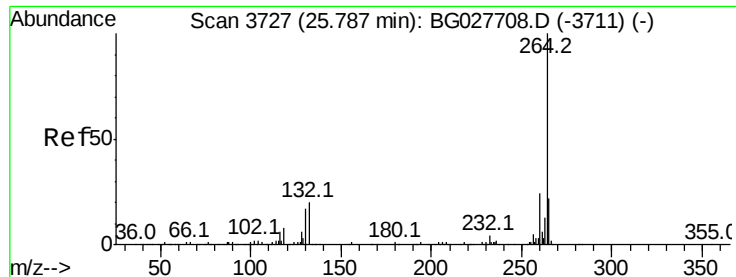


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.78 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG027799.D
Acq: 2 Jul 2017 1:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.1	21.8	32.8#
265	21.6	18.2	27.4

