

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 :

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

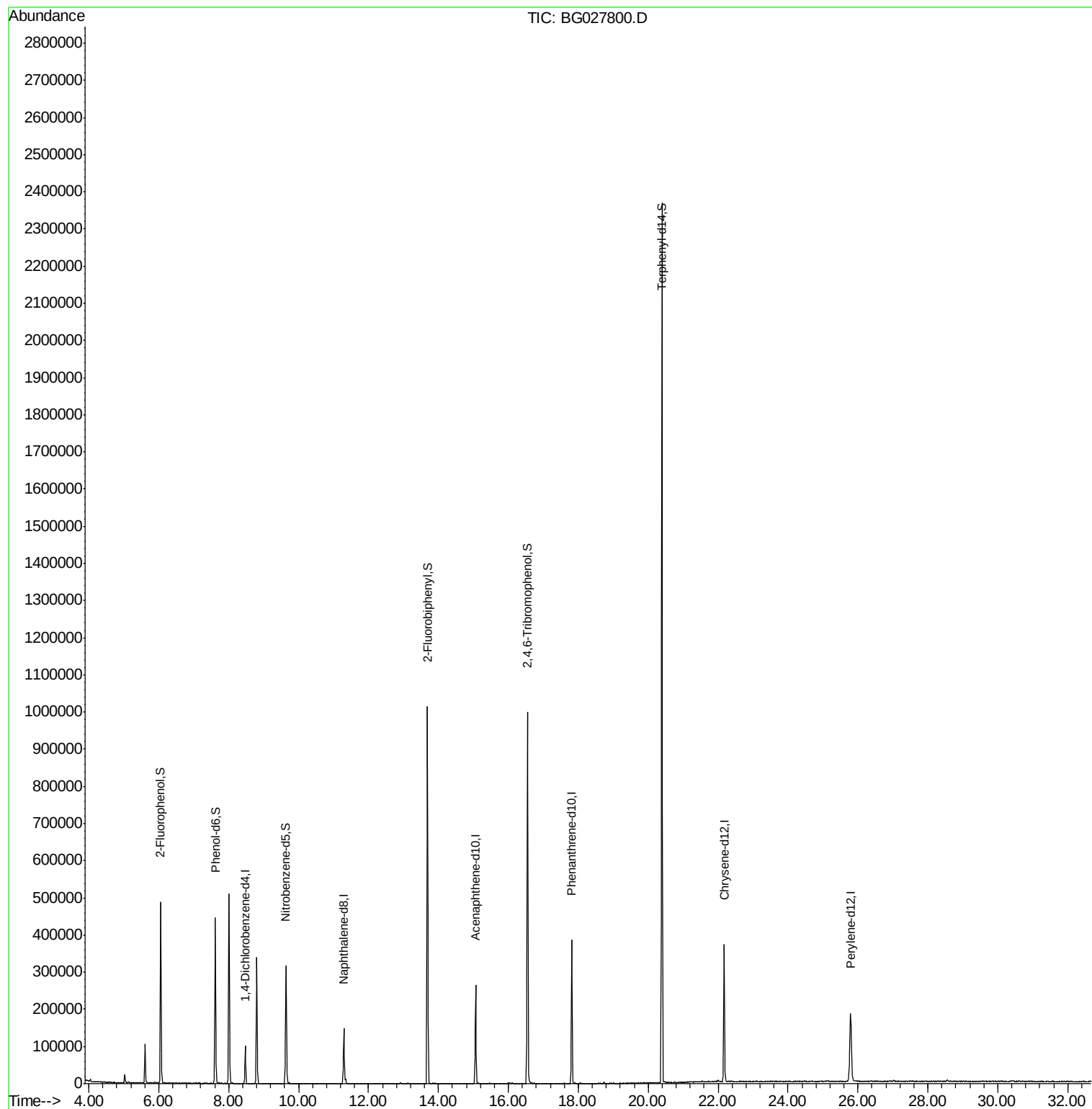
Target Compounds Qvalue

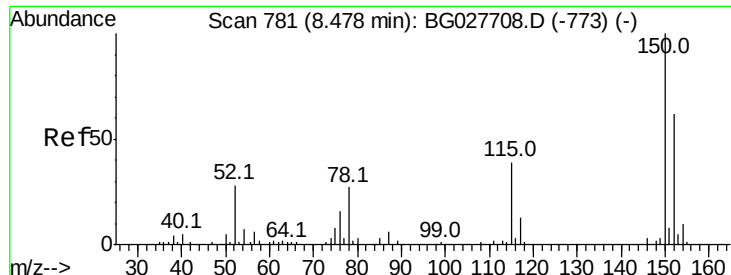
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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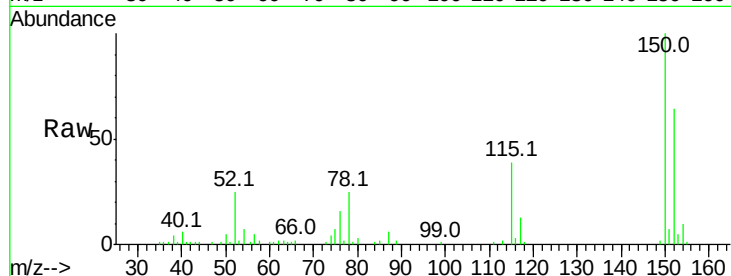


#1

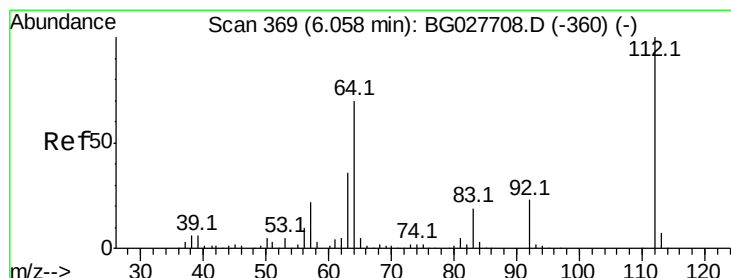
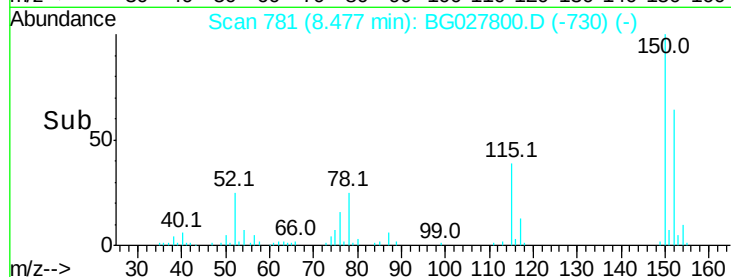
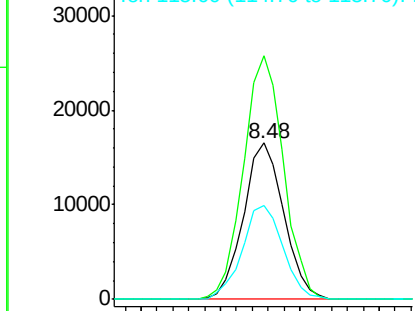
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027800.D
Acq: 2 Jul 2017 2:01

Instrument :
BNA_G
ClientSampleId :

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



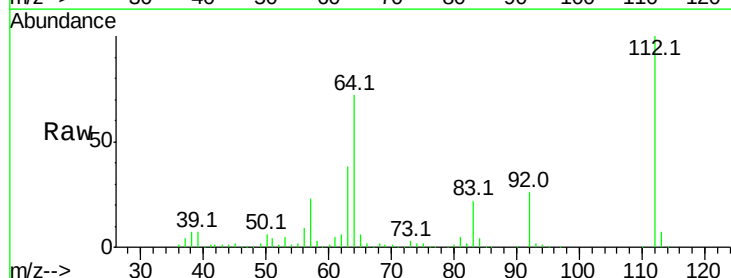
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



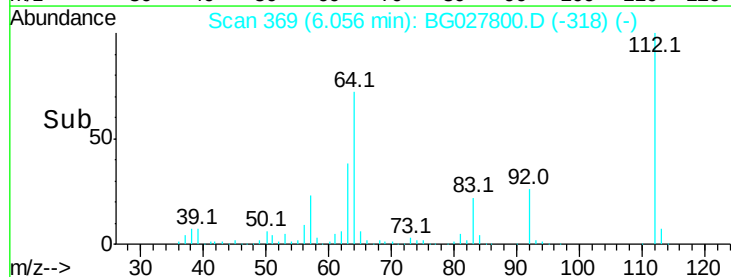
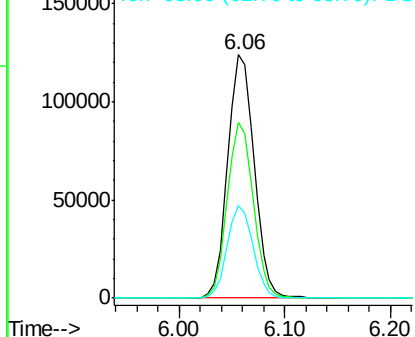
#5

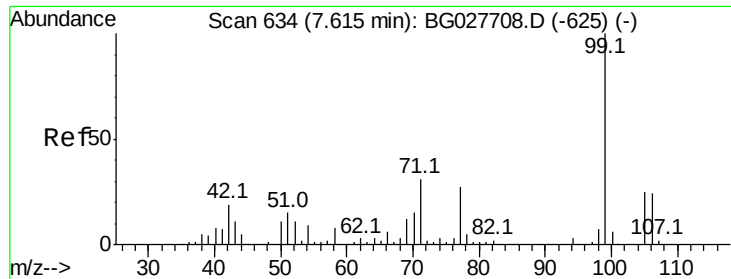
2-Fluorophenol
Concen: 113.16 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027800.D
Acq: 2 Jul 2017 2:01

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: 94.19 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 :

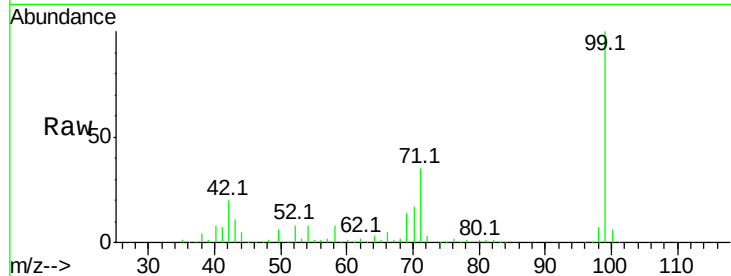
Tot Ion: 99 Resp: 272805

Ion Ratio Lower Upper

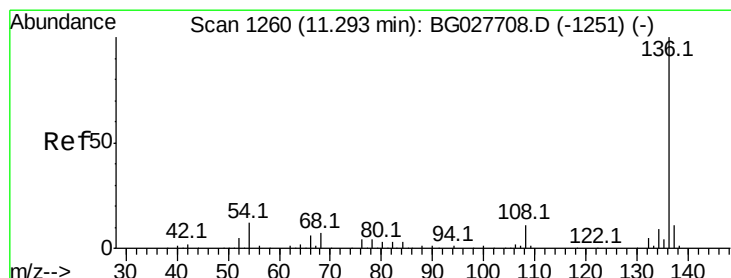
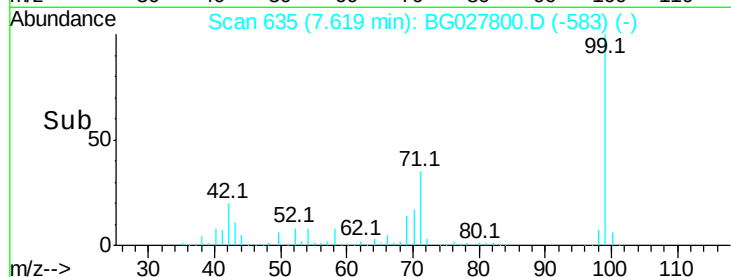
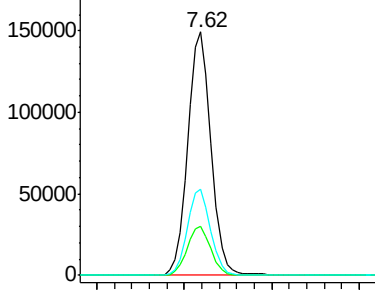
99 100

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: 20.00 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

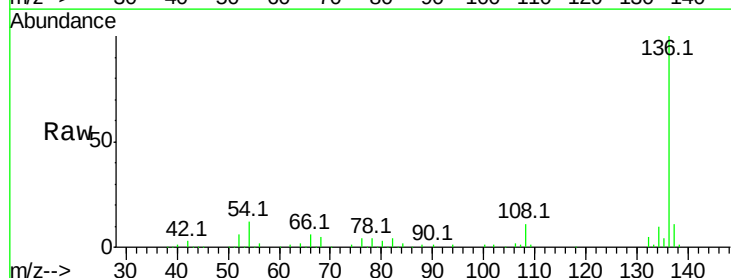
Ion Ratio Lower Upper

136 100

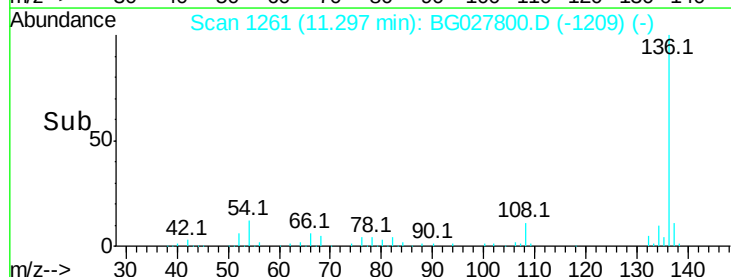
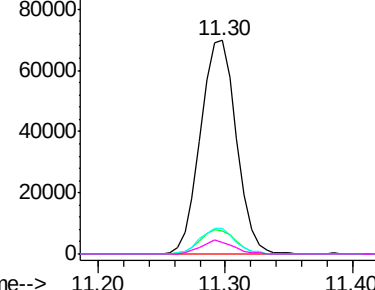
137 11.1 8.9 13.3

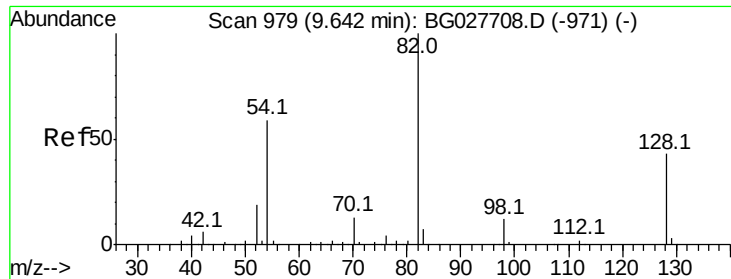
54 12.1 9.3 13.9

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

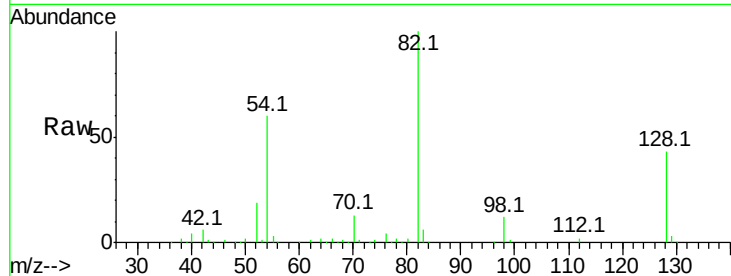




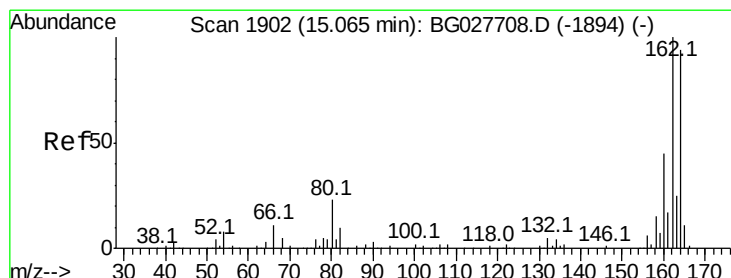
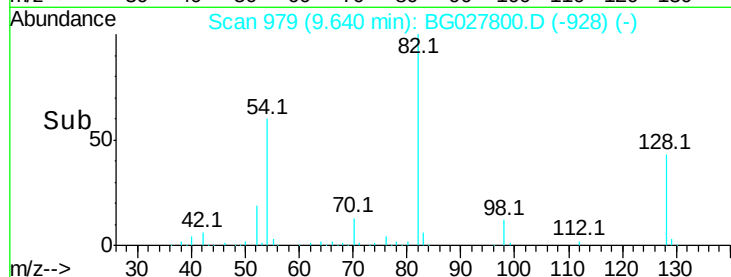
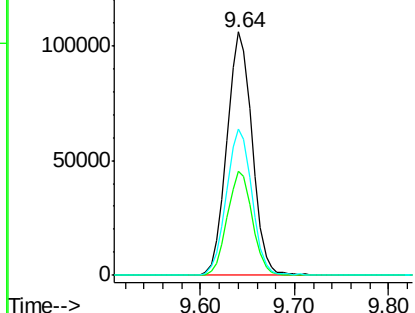
#23
 Nitrobenzene-d5
 Concen: 80.57 ng
 RT: 9.64 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BG027800.D
 Acq: 2 Jul 2017 2:01

Instrument :
 BNA_G
 ClientSampled :

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

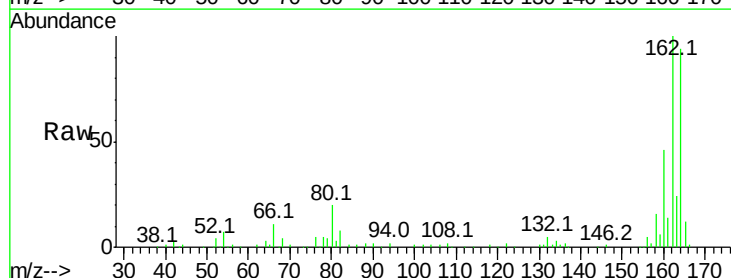


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

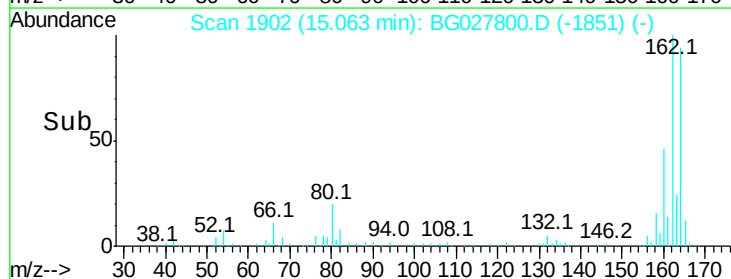
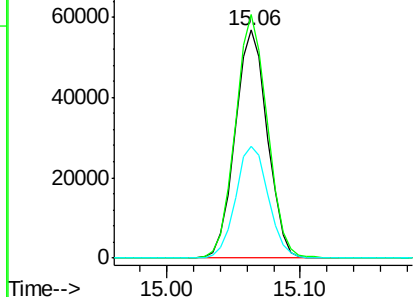


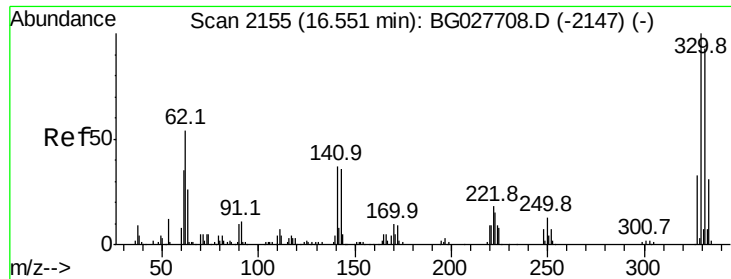
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG027800.D
 Acq: 2 Jul 2017 2:01

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

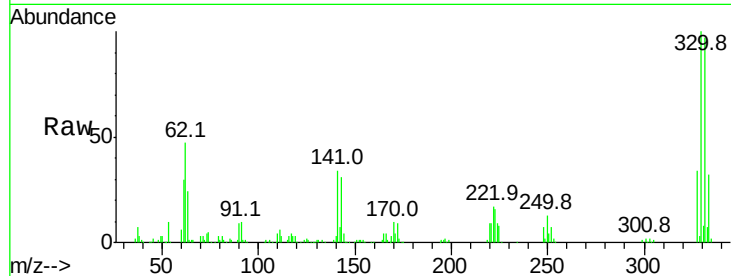




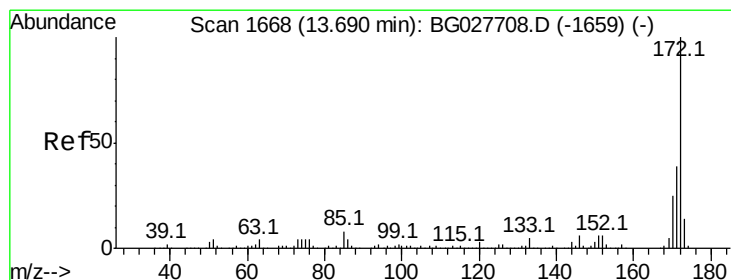
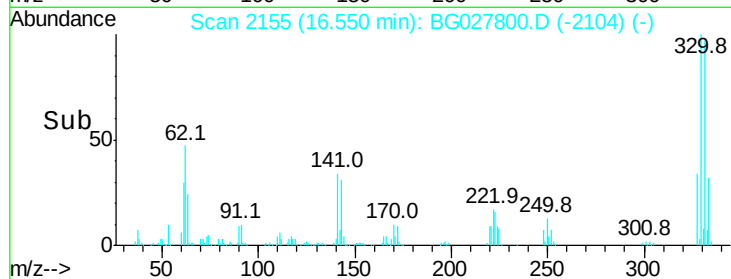
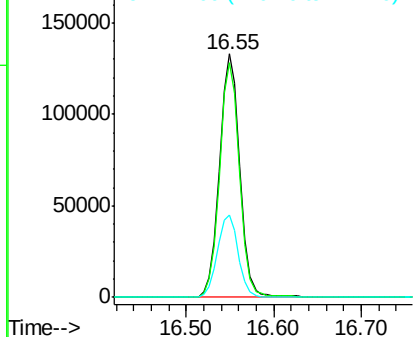
#41
 2,4,6-Tribromophenol
 Concen: 164.64 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027800.D
 Acq: 2 Jul 2017 2:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.3	115.9
141	35.1	32.1	48.1

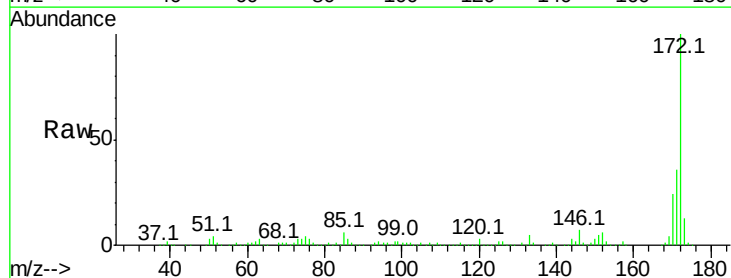


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

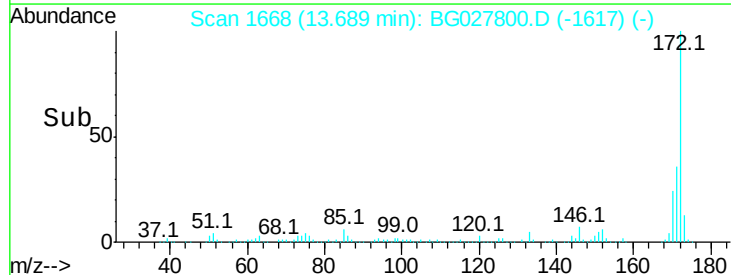
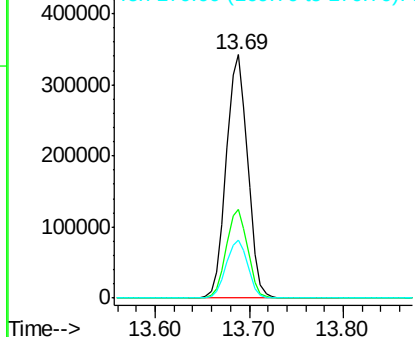


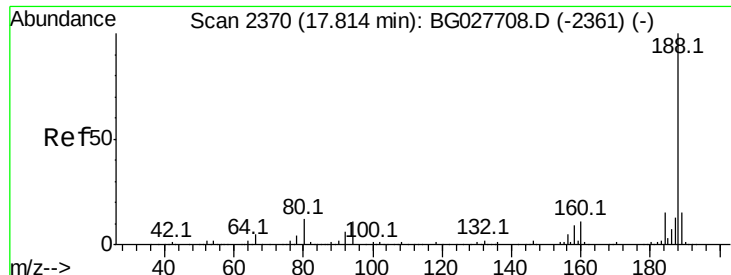
#44
 2-Fluorobiphenyl
 Concen: 82.06 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027800.D
 Acq: 2 Jul 2017 2:01

Tgt Ion	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

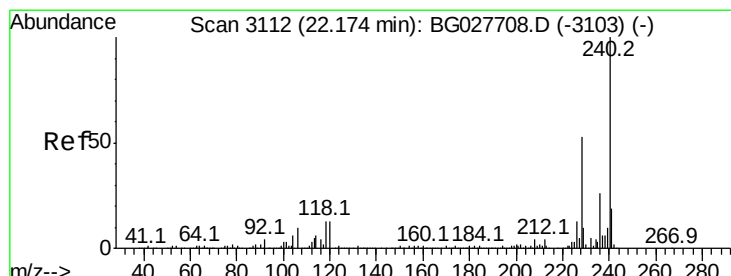
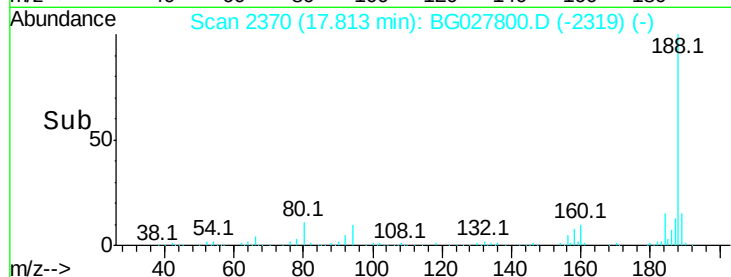
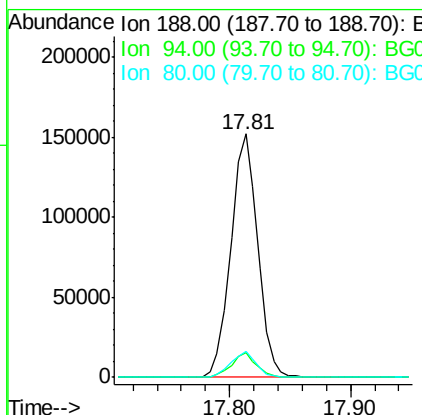
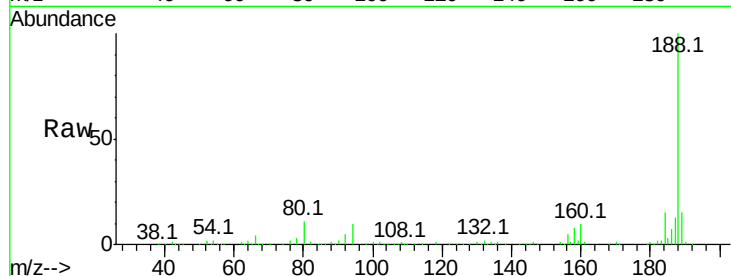




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027800.D
Acq: 2 Jul 2017 2:01

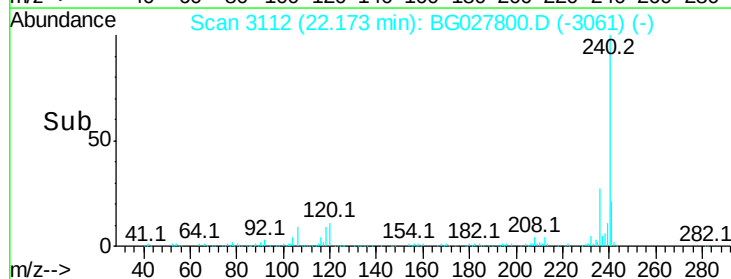
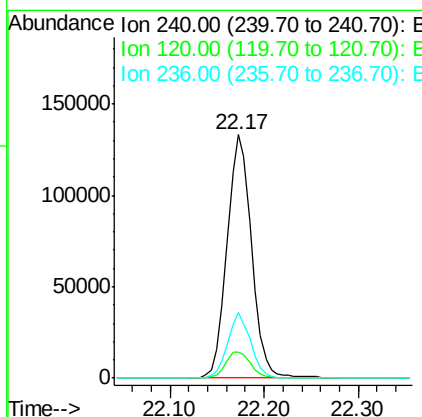
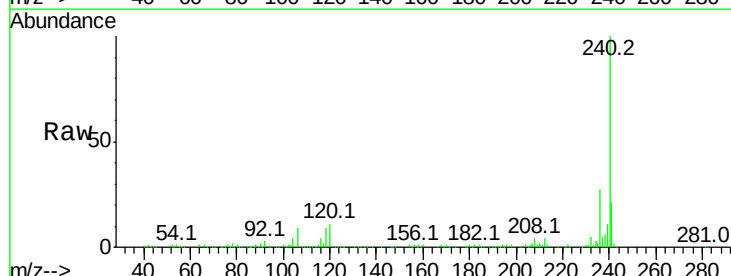
Instrument :
BNA_G
ClientSampleId :

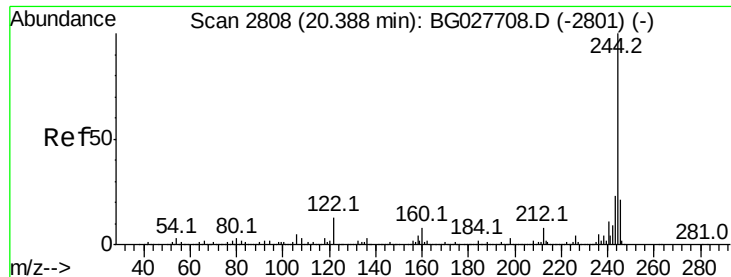
Tot Ion:188 Resp: 235586
Ion Ratio Lower Upper
188 100
94 10.0 5.8 8.8#
80 10.8 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 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





#78

Terphenyl-d14

Concen: 101.21 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 :

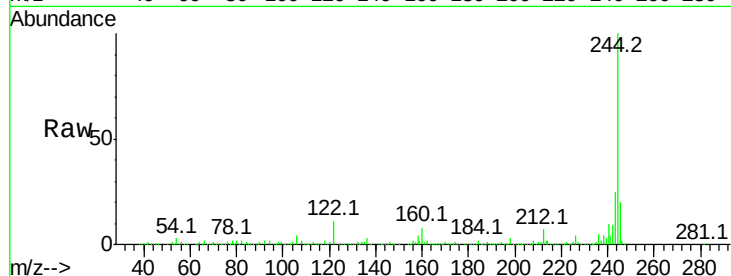
Tot Ion:244 Resp: 1043010

Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	11.0	8.6	12.8

244 100

212 7.5 10.0 15.0#

122 11.0 8.6 12.8

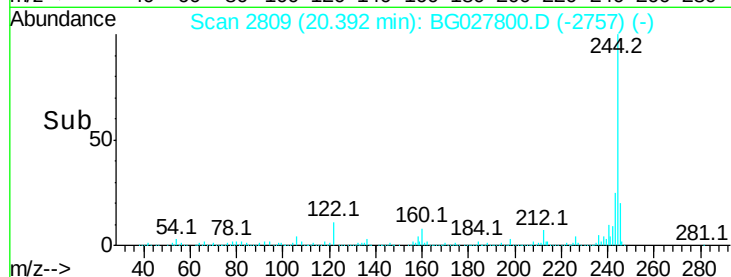


Abundance Ion 244.00 (243.70 to 244.70): E

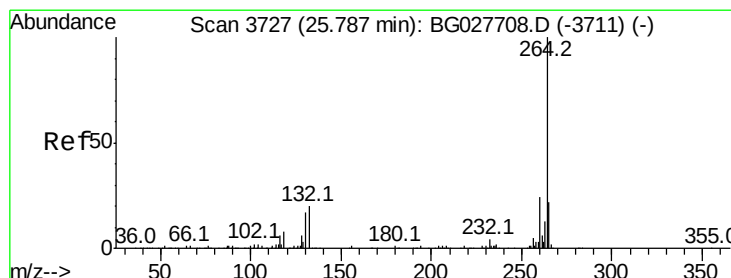
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.79 min Scan# 3728

Delta R.T. 0.00 min

Lab File: BG027800.D

Acq: 2 Jul 2017 2:01

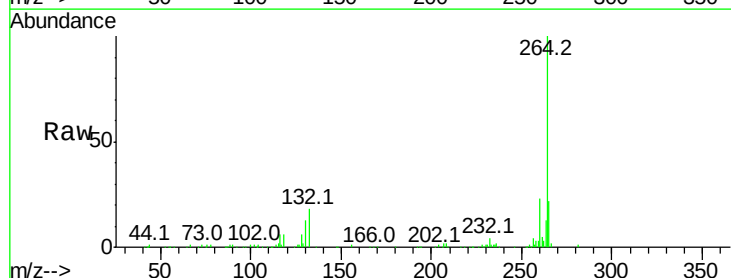
Tgt Ion:264 Resp: 236475

Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	21.7	18.2	27.4

264 100

260 23.2 21.8 32.8

265 21.7 18.2 27.4

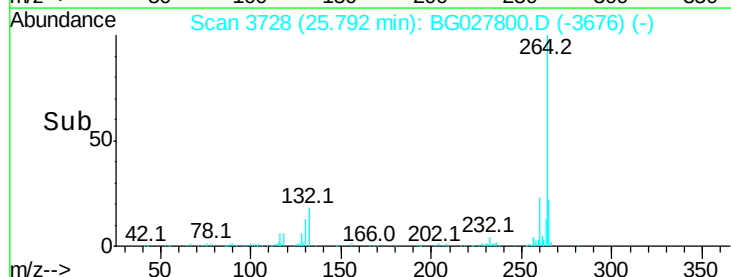


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->