

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070117\
 Data File : BG027798.D
 Acq On : 2 Jul 2017 00:41
 Operator : SJ/JU
 Sample : I4005-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 06:57:55 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	8.47	152	28079	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	137771	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	93333	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	230485	20.00	ng	0.00
75) Chrysene-d12	22.18	240	236582	20.00	ng	0.00
86) Perylene-d12	25.79	264	237372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	43252	23.72	ng	0.00
7) Phenol-d6	7.62	99	43087	15.47	ng	0.00
23) Nitrobenzene-d5	9.64	82	198745	80.41	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	58396	45.62	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	562761	86.11	ng	0.00
78) Terphenyl-d14	20.39	244	960013	95.13	ng	0.00

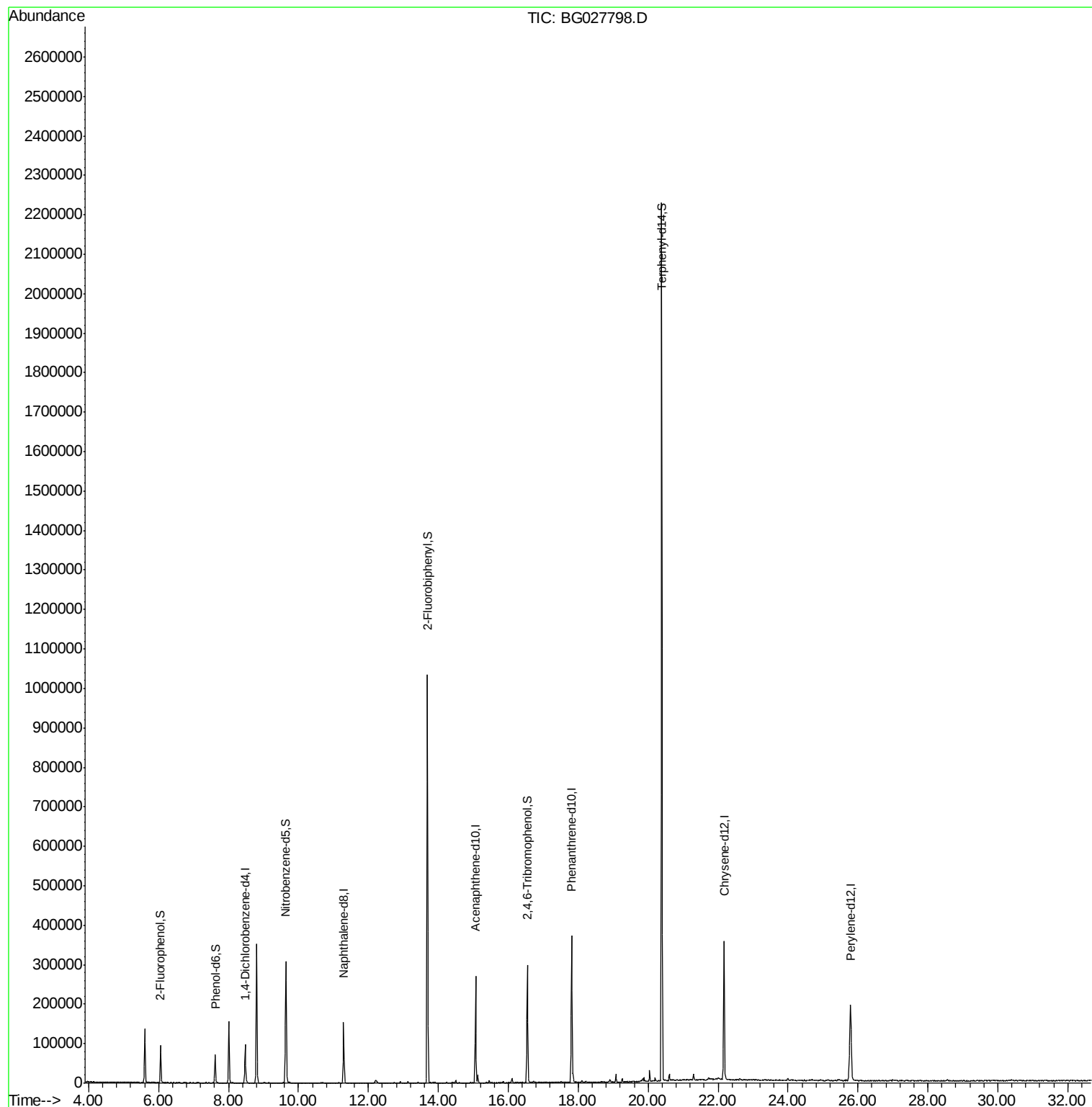
Target Compounds Qvalue

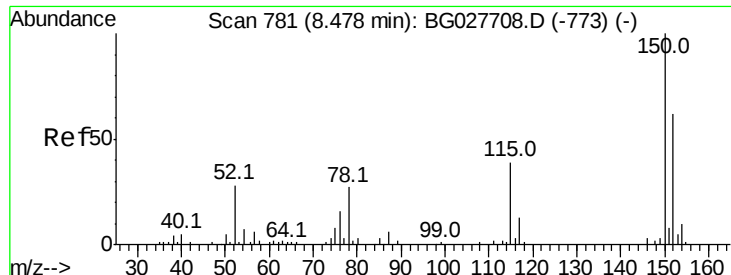
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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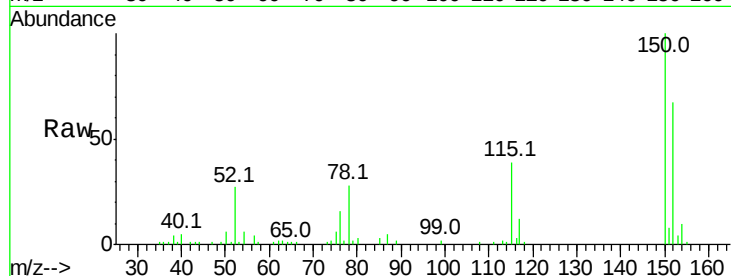


#1

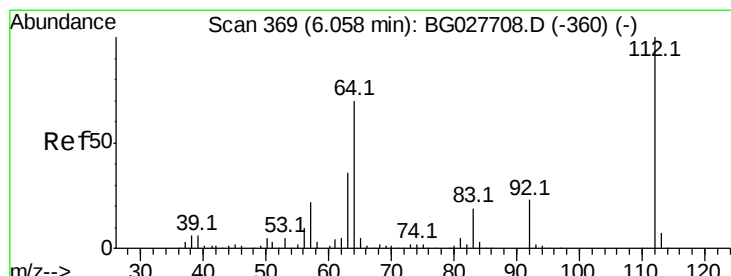
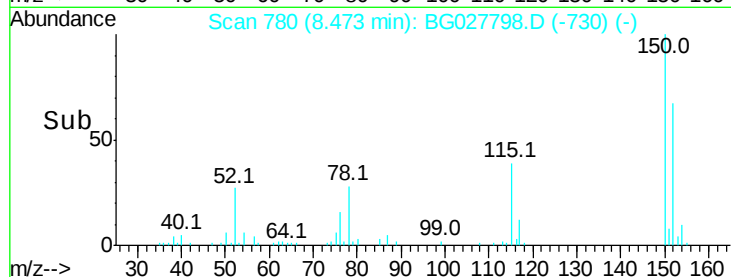
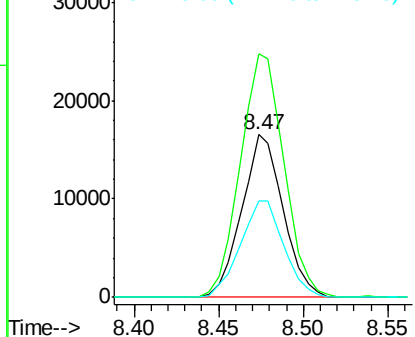
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.47 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG027798.D
Acq: 2 Jul 2017 00:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28079
Ion Ratio Lower Upper
152 100
150 149.5 114.0 171.0
115 59.0 48.1 72.1



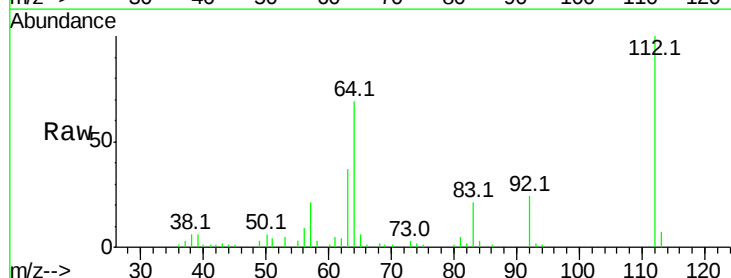
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



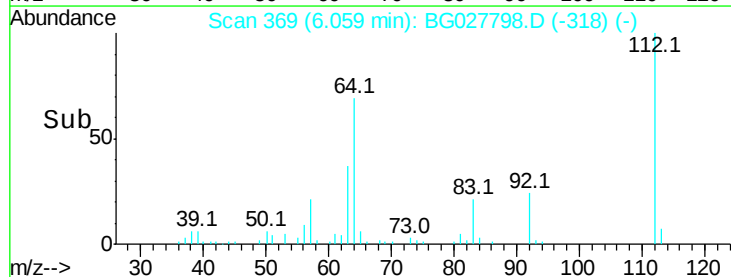
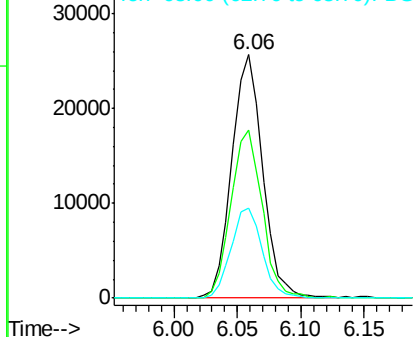
#5

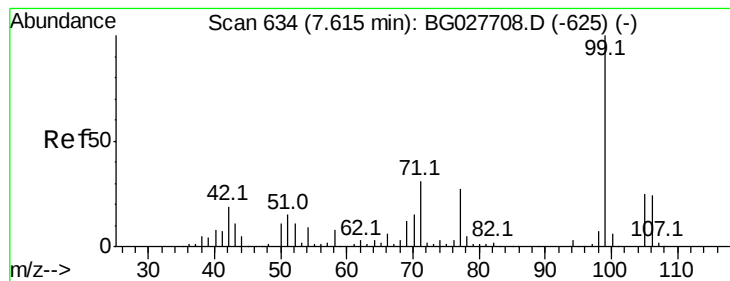
2-Fluorophenol
Concen: 23.72 ng
RT: 6.06 min Scan# 369
Delta R.T. 0.00 min
Lab File: BG027798.D
Acq: 2 Jul 2017 00:41

Tgt Ion:112 Resp: 43252
Ion Ratio Lower Upper
112 100
64 69.3 61.8 92.6
63 36.9 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: 15.47 ng

RT: 7.62 min Scan# 634

Delta R.T. 0.00 min

Lab File: BG027798.D

Acq: 2 Jul 2017 00:41

Instrument :

BNA_G

ClientSampleId :

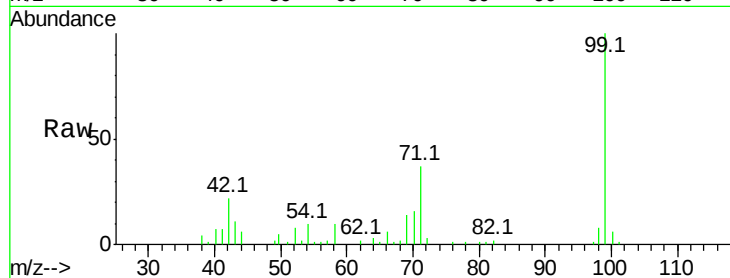
Tot Ion: 99 Resp: 43087

Ion Ratio Lower Upper

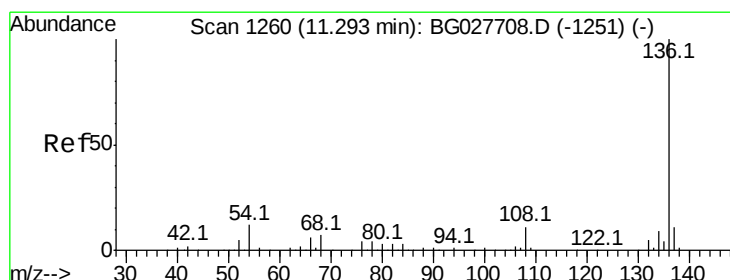
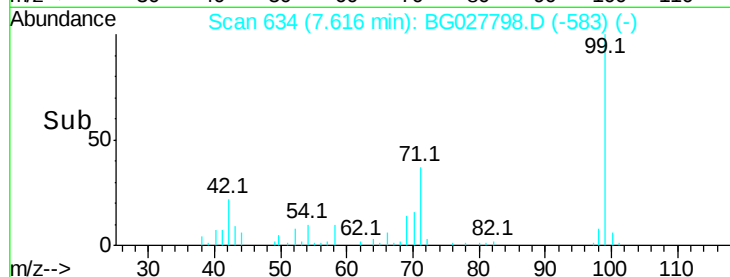
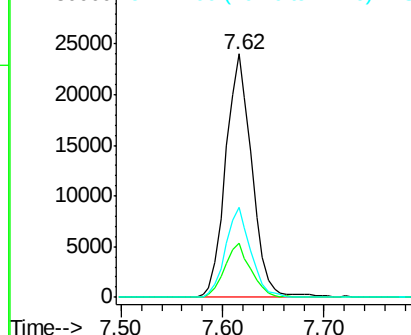
99 100

42 22.3 20.5 30.7

71 37.1 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: BG027798.D

Acq: 2 Jul 2017 00:41

Tgt Ion: 136 Resp: 137771

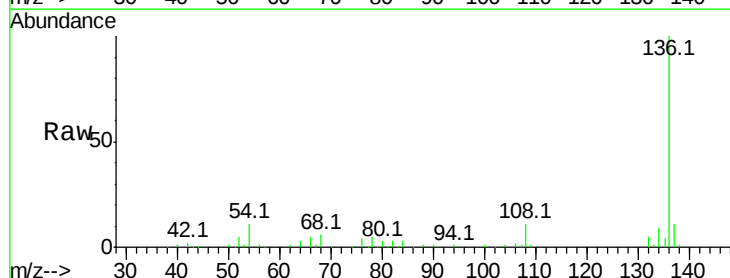
Ion Ratio Lower Upper

136 100

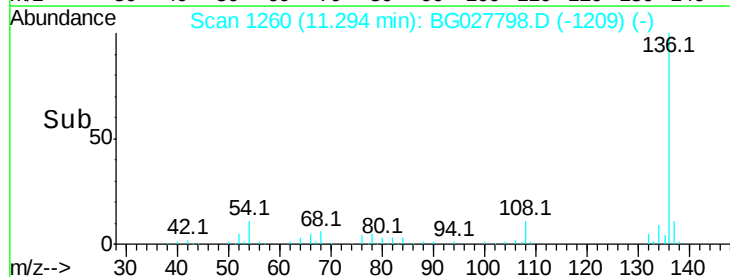
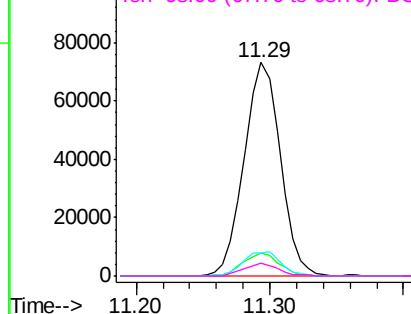
137 10.5 8.9 13.3

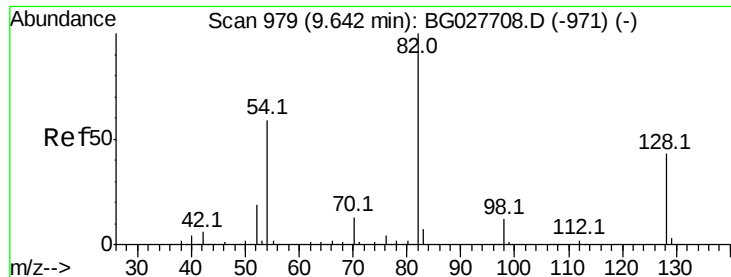
54 11.1 9.3 13.9

68 5.8 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: 80.41 ng

RT: 9.64 min Scan# 979

Delta R.T. 0.00 min

Lab File: BG027798.D

Acq: 2 Jul 2017 00:41

Instrument :

BNA_G

ClientSampled :

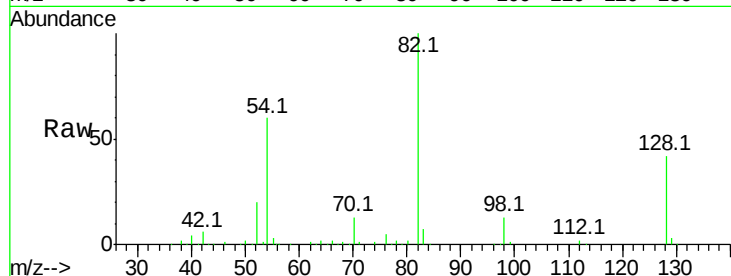
Tot Ion: 82 Resp: 198745

Ion Ratio Lower Upper

82 100

128 42.3 26.4 39.6#

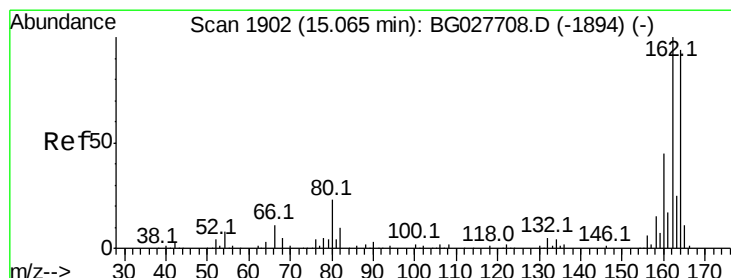
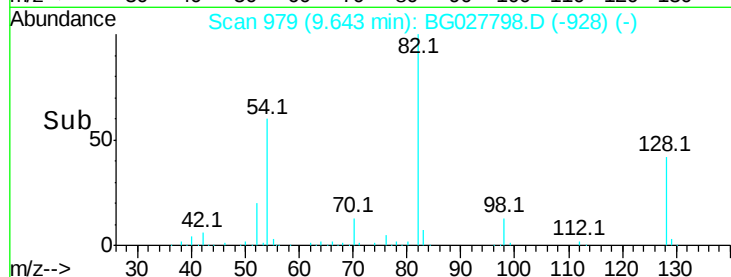
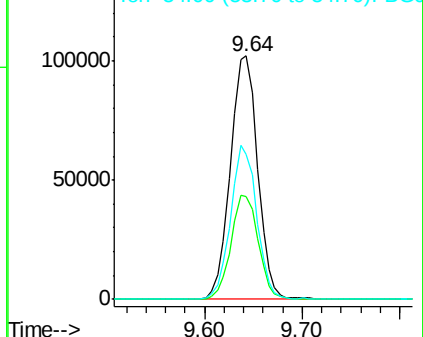
54 59.7 49.4 74.2



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# 1901

Delta R.T. -0.00 min

Lab File: BG027798.D

Acq: 2 Jul 2017 00:41

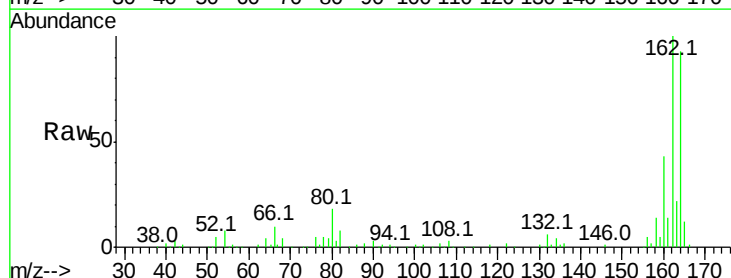
Tgt Ion:164 Resp: 93333

Ion Ratio Lower Upper

164 100

162 107.6 85.1 127.7

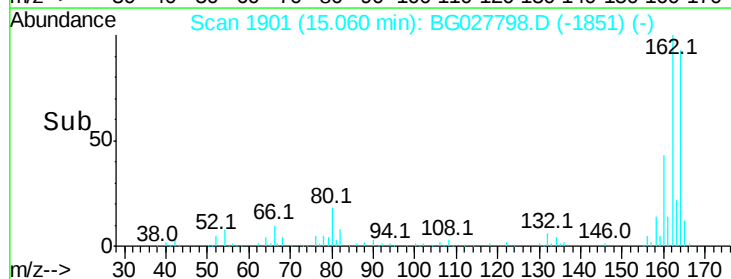
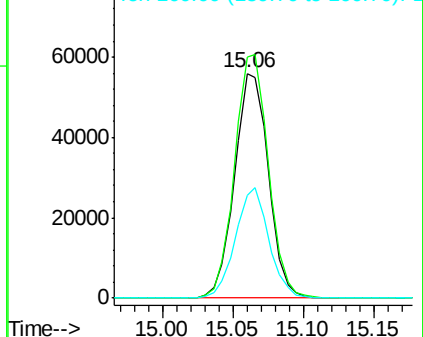
160 46.0 34.7 52.1

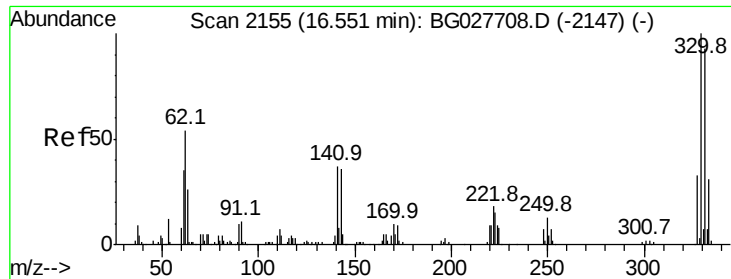


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 45.62 ng

RT: 16.55 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG027798.D

Acq: 2 Jul 2017 00:41

Instrument :

BNA_G

ClientSampled :

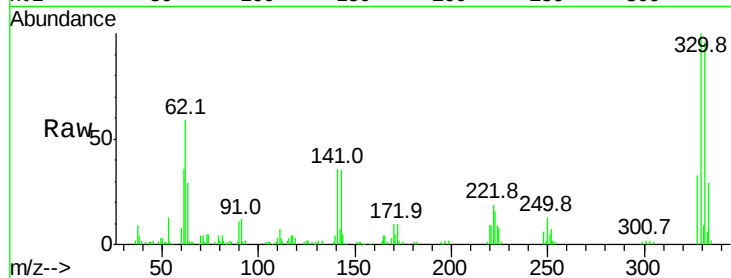
Tot Ion:330 Resp: 58396

Ion Ratio Lower Upper

330 100

332 94.7 77.3 115.9

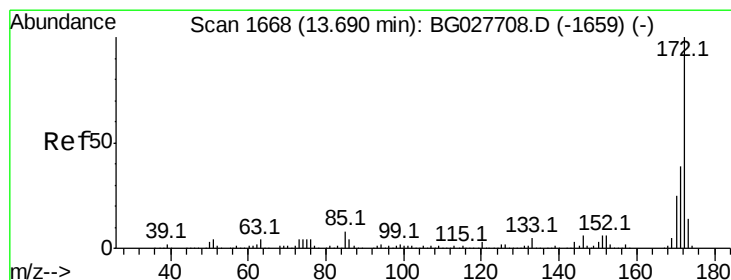
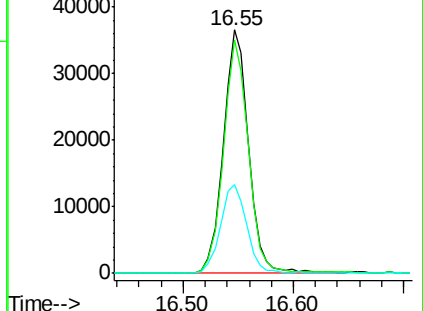
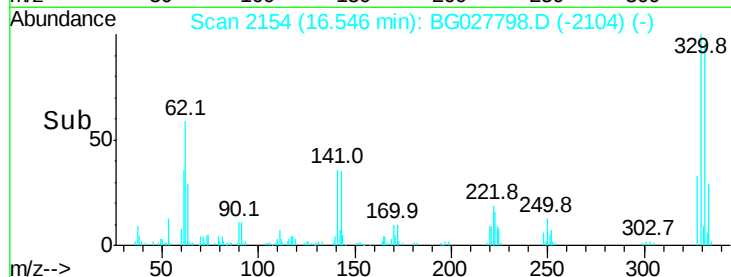
141 37.3 32.1 48.1



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: 86.11 ng

RT: 13.69 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG027798.D

Acq: 2 Jul 2017 00:41

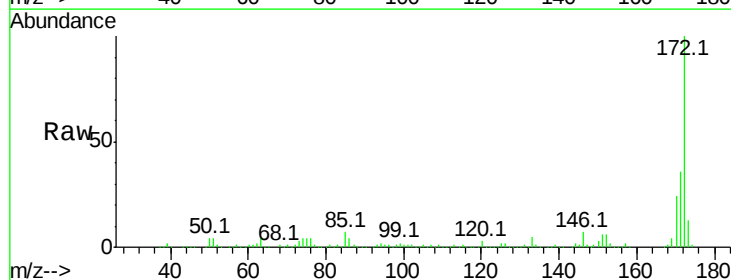
Tgt Ion:172 Resp: 562761

Ion Ratio Lower Upper

172 100

171 36.4 32.2 48.2

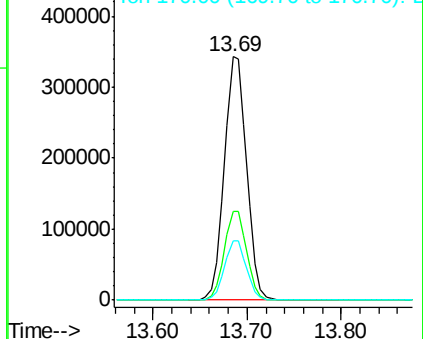
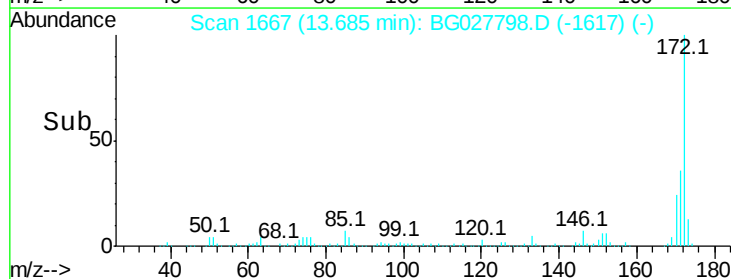
170 24.4 21.8 32.6

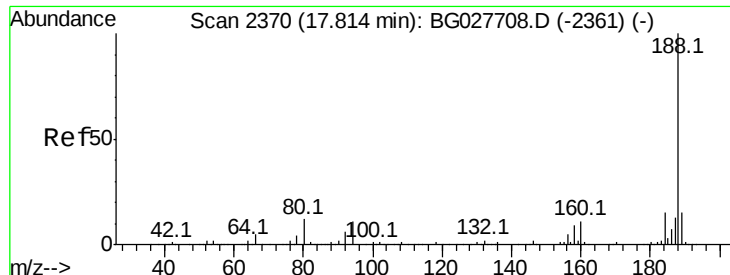


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2369

Delta R.T. -0.00 min

Lab File: BG027798.D

Acq: 2 Jul 2017 00:41

Instrument :

BNA_G

ClientSampleId :

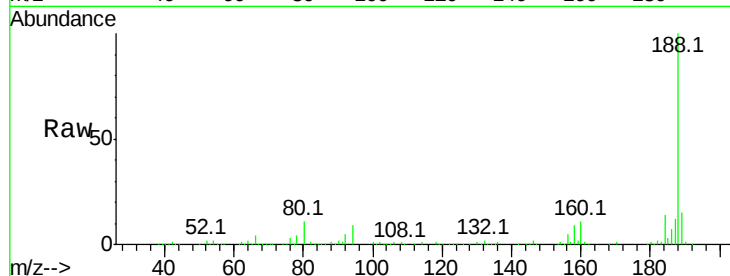
Tot Ion:188 Resp: 230485

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.8#

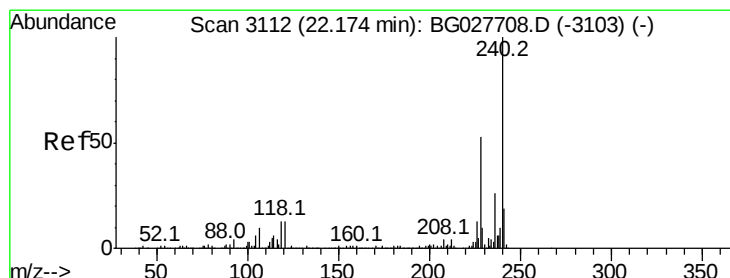
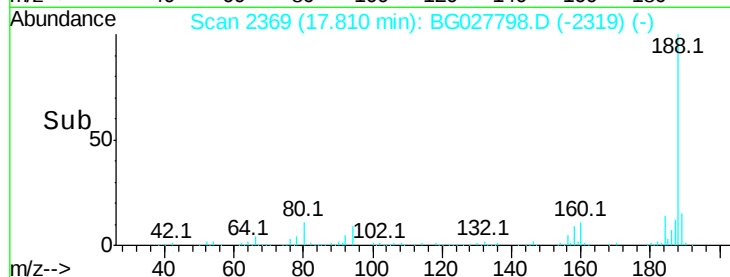
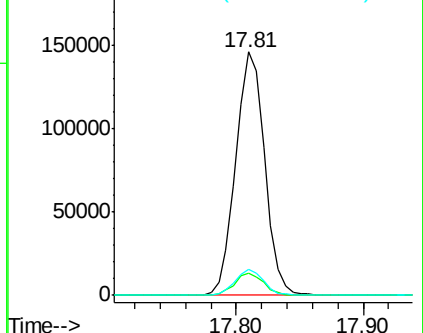
80 10.7 7.5 11.3



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.18 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BG027798.D

Acq: 2 Jul 2017 00:41

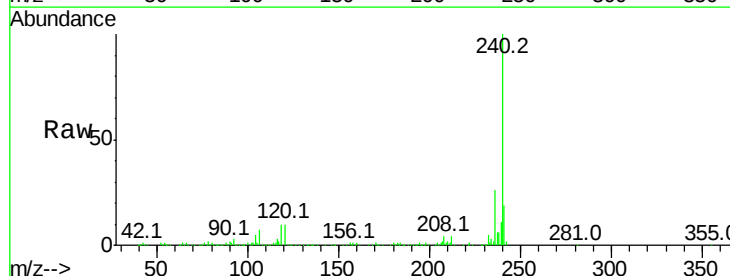
Tgt Ion:240 Resp: 236582

Ion Ratio Lower Upper

240 100

120 10.2 5.7 8.5#

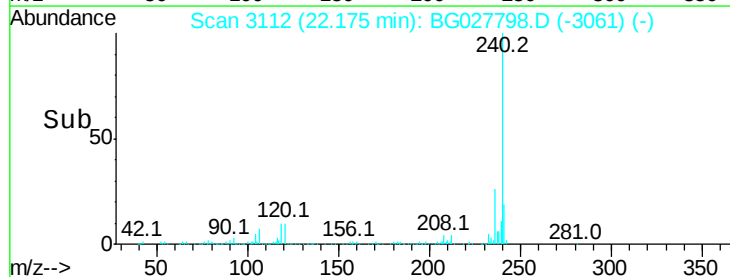
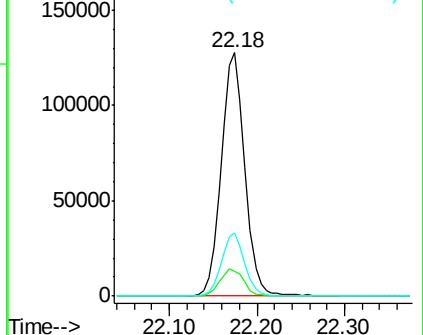
236 25.7 22.2 33.4

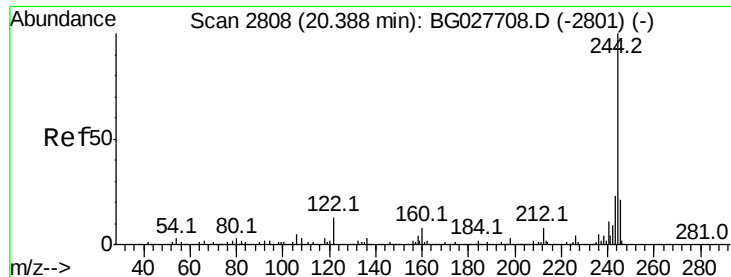


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.13 ng

RT: 20.39 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG027798.D

Acq: 2 Jul 2017 00:41

Instrument :

BNA_G

ClientSampled :

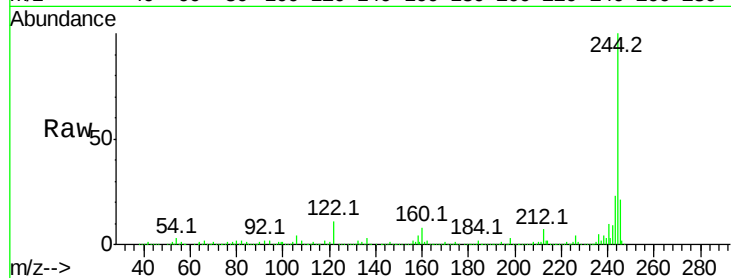
Tot Ion:244 Resp: 960013

Ion Ratio Lower Upper

244 100

212 7.2 10.0 15.0#

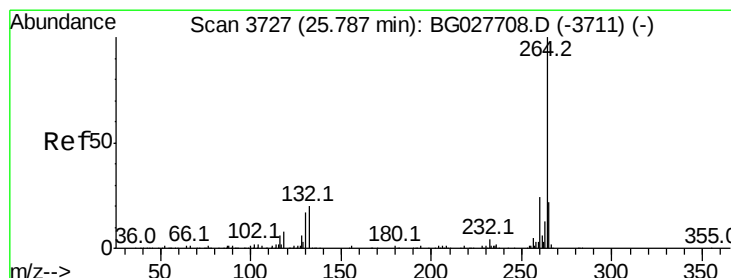
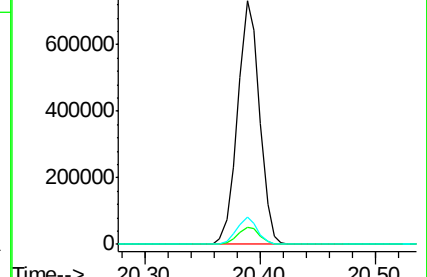
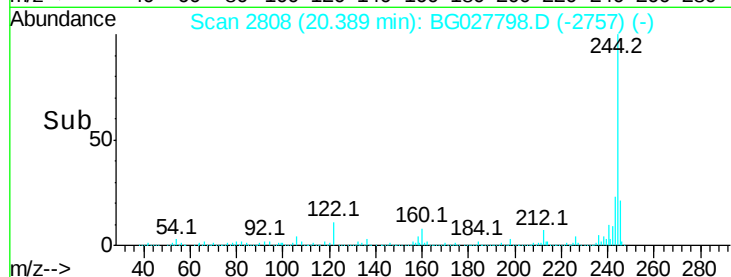
122 11.1 8.6 12.8



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: 20.00 ng

RT: 25.79 min Scan# 3727

Delta R.T. 0.00 min

Lab File: BG027798.D

Acq: 2 Jul 2017 00:41

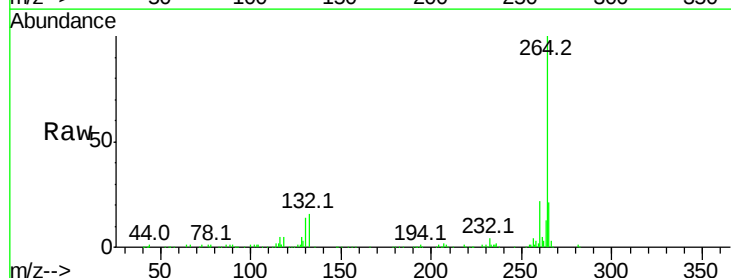
Tgt Ion:264 Resp: 237372

Ion Ratio Lower Upper

264 100

260 22.4 21.8 32.8

265 20.7 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

