

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063017\
 Data File : BG027773.D
 Acq On : 1 Jul 2017 3:45
 Operator : SJ/JU
 Sample : I3959-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-062717-A

Quant Time: Jul 01 05:50:11 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

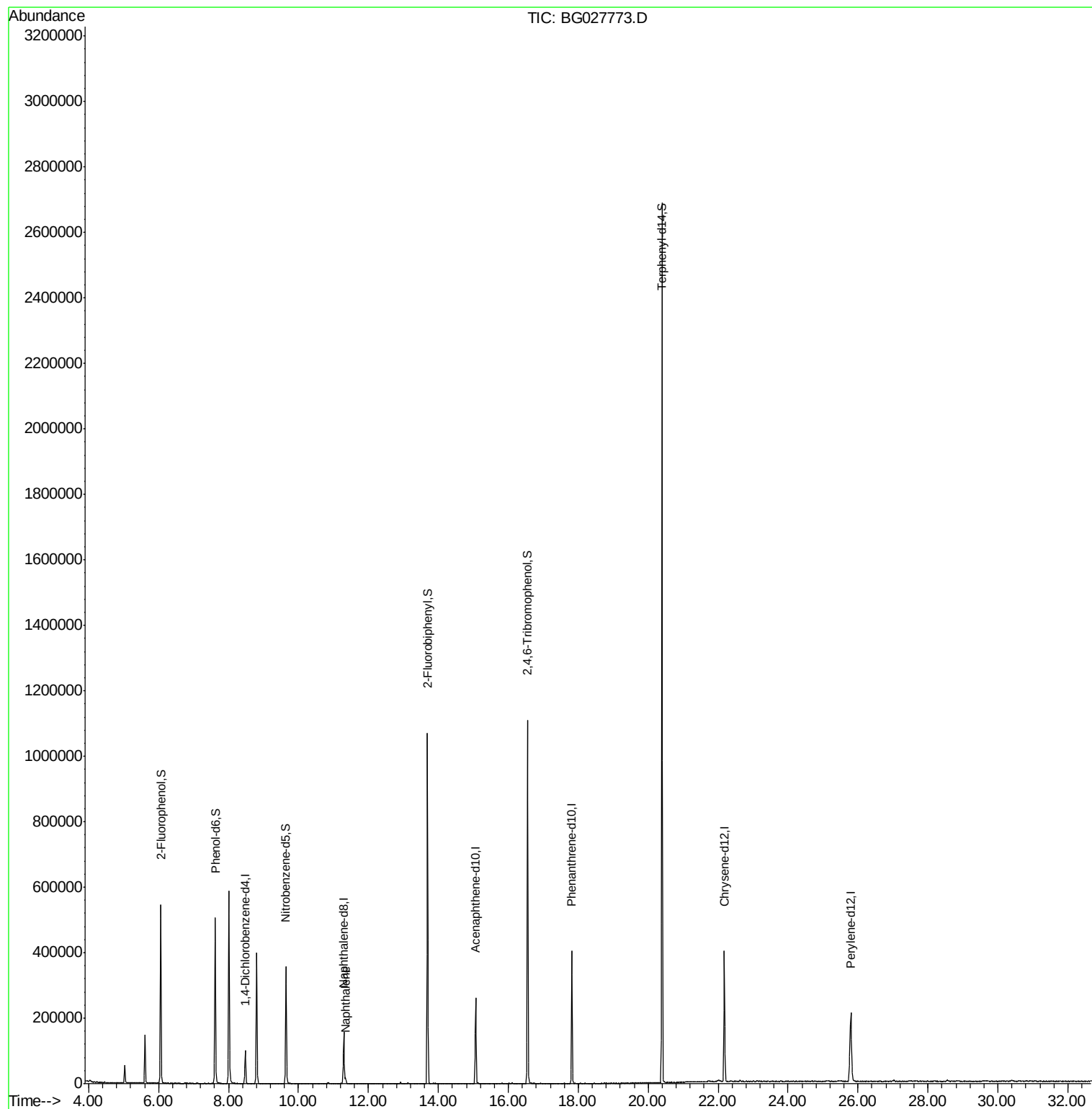
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	29296	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	141414	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	91327	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	255068	20.00	ng	0.00
75) Chrysene-d12	22.18	240	259478	20.00	ng	0.00
86) Perylene-d12	25.79	264	254626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	241347	126.86	ng	0.00
7) Phenol-d6	7.62	99	310864	106.96	ng	0.00
23) Nitrobenzene-d5	9.64	82	226081	89.11	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	222667	177.76	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	578930	90.53	ng	0.00
78) Terphenyl-d14	20.40	244	1187670	107.31	ng	0.00
Target Compounds						
31) Naphthalene	11.34	128	18184	2.42	ng	Qvalue 97

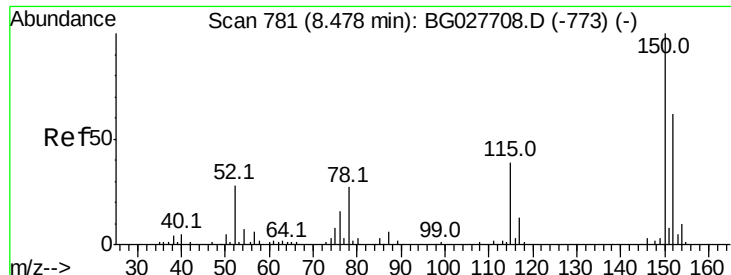
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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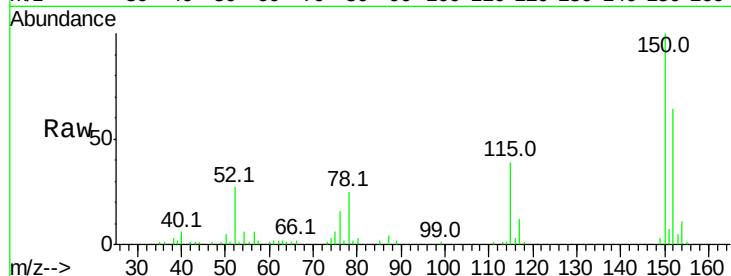


#1

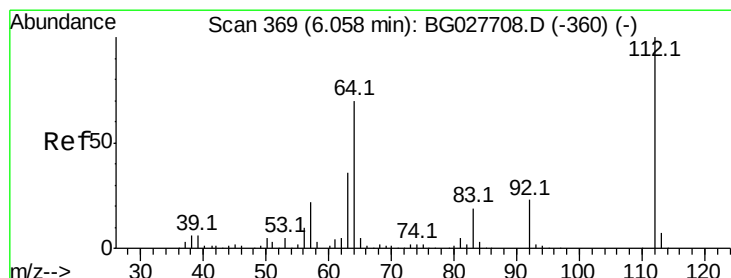
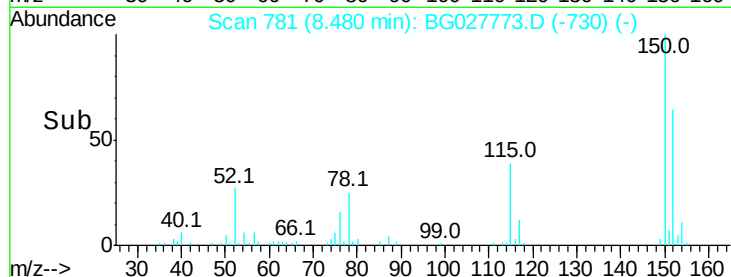
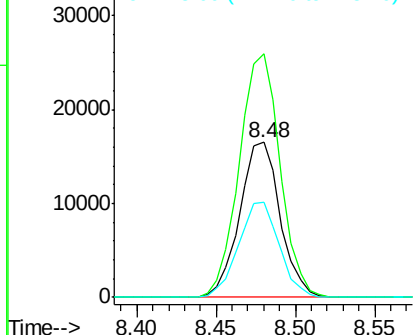
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG027773.D
Acq: 1 Jul 2017 3:45

Instrument :
BNA_G
ClientSampleId :
BU-03-062717-A

Tot Ion:152 Resp: 29296
Ion Ratio Lower Upper
152 100
150 157.4 114.0 171.0
115 61.6 48.1 72.1



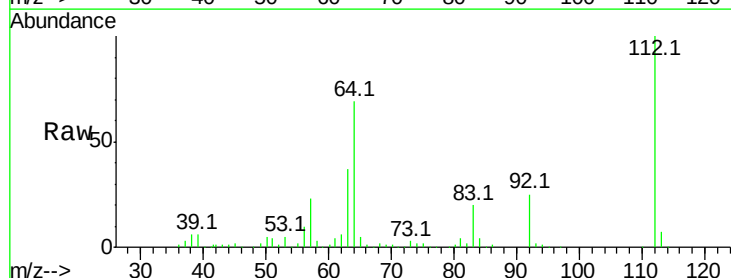
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



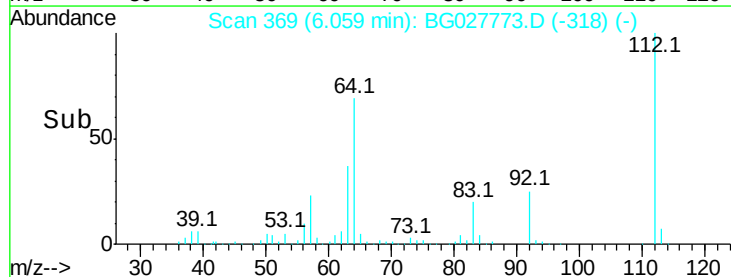
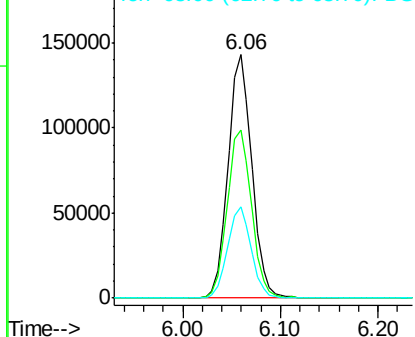
#5

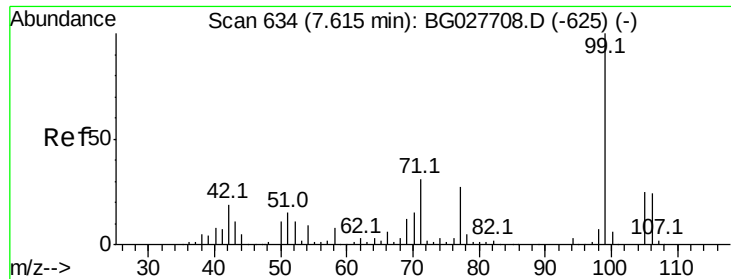
2-Fluorophenol
Concen: 126.86 ng
RT: 6.06 min Scan# 369
Delta R.T. 0.00 min
Lab File: BG027773.D
Acq: 1 Jul 2017 3:45

Tgt Ion:112 Resp: 241347
Ion Ratio Lower Upper
112 100
64 69.2 61.8 92.6
63 37.3 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: 106.96 ng

RT: 7.62 min Scan# 634

Delta R.T. 0.00 min

Lab File: BG027773.D

Acq: 1 Jul 2017 3:45

Instrument :

BNA_G

ClientSampleId :

BU-03-062717-A

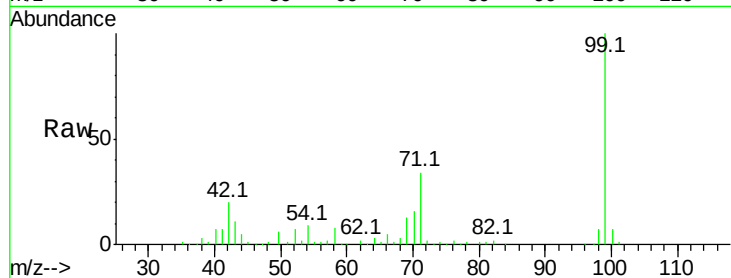
Tot Ion: 99 Resp: 310864

Ion Ratio Lower Upper

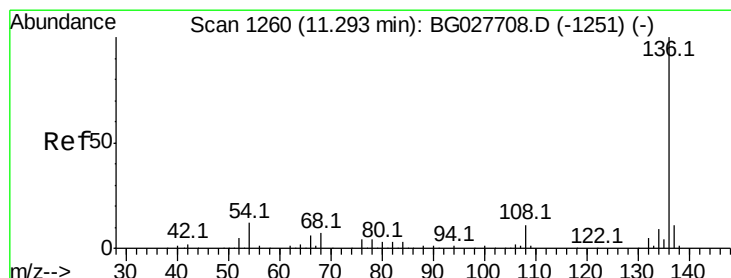
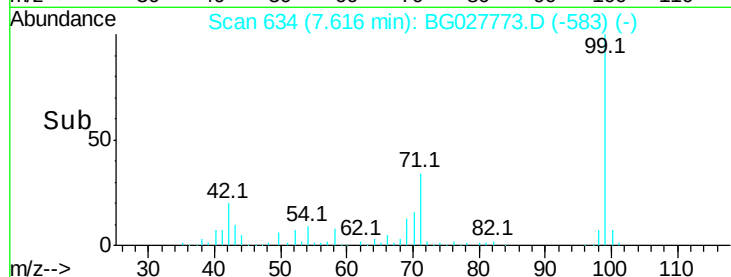
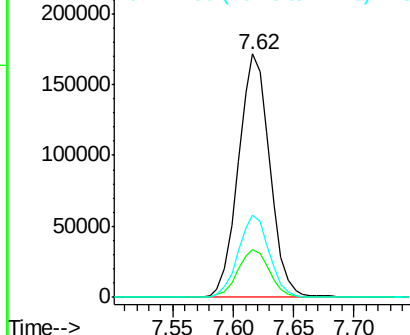
99 100

42 19.6 20.5 30.7#

71 33.6 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: BG027773.D

Acq: 1 Jul 2017 3:45

Tgt Ion: 136 Resp: 141414

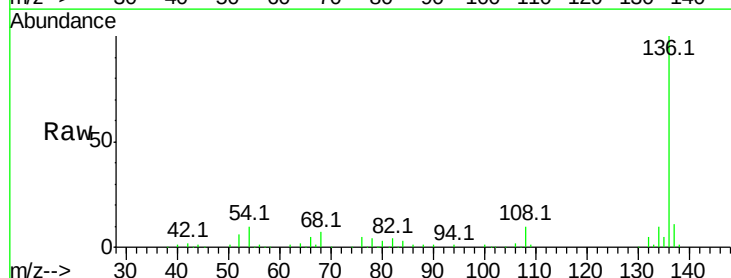
Ion Ratio Lower Upper

136 100

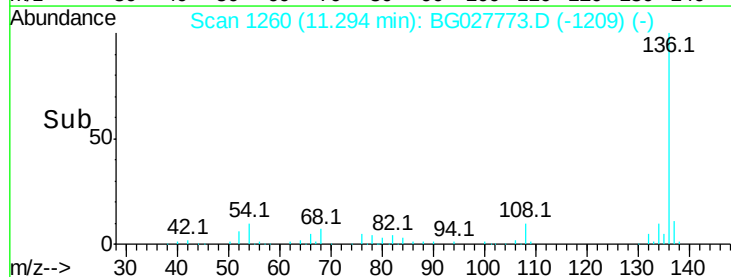
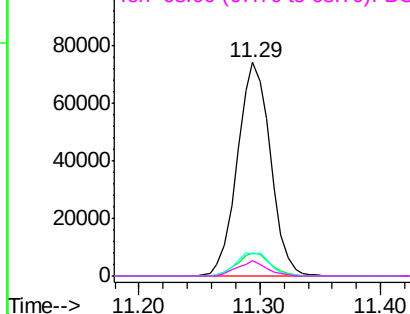
137 11.1 8.9 13.3

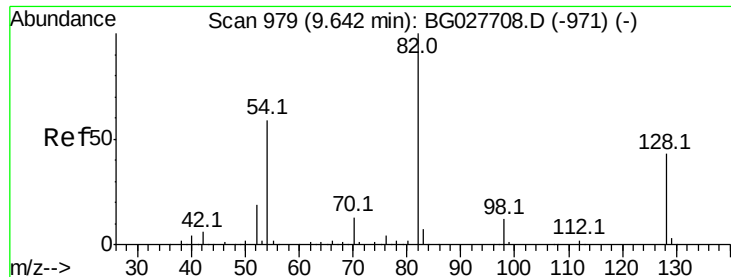
54 10.4 9.3 13.9

68 7.0 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: 89.11 ng

RT: 9.64 min Scan# 979

Delta R.T. 0.00 min

Lab File: BG027773.D

Acq: 1 Jul 2017 3:45

Instrument :

BNA_G

ClientSampleId :

BU-03-062717-A

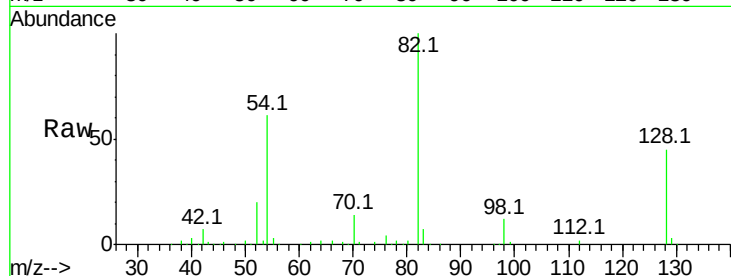
Tot Ion: 82 Resp: 226081

Ion Ratio Lower Upper

82 100

128 44.6 26.4 39.6#

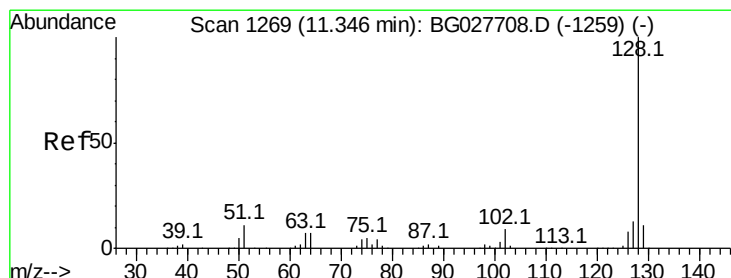
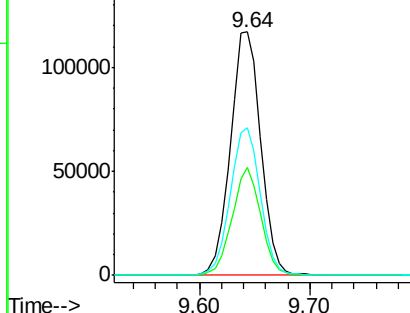
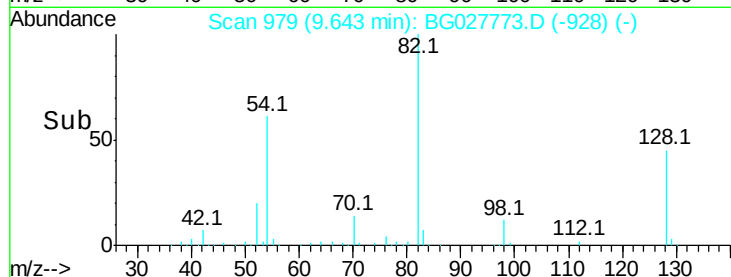
54 60.8 49.4 74.2



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



#31

Naphthalene

Concen: 2.42 ng

RT: 11.34 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BG027773.D

Acq: 1 Jul 2017 3:45

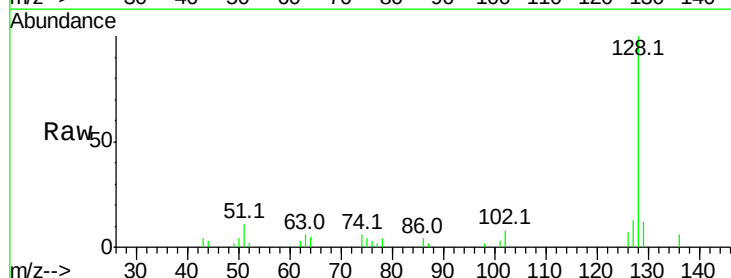
Tgt Ion: 128 Resp: 18184

Ion Ratio Lower Upper

128 100

129 12.3 9.3 13.9

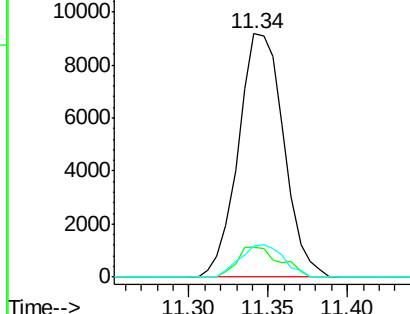
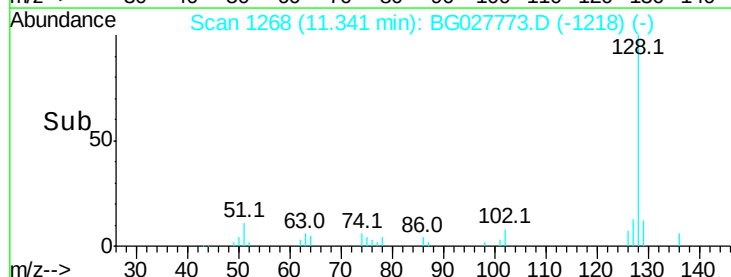
127 12.7 11.4 17.0

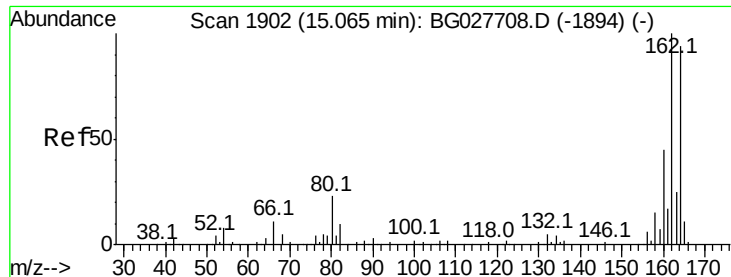


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG027773.D

Acq: 1 Jul 2017 3:45

Instrument :

BNA_G

ClientSampleId :

BU-03-062717-A

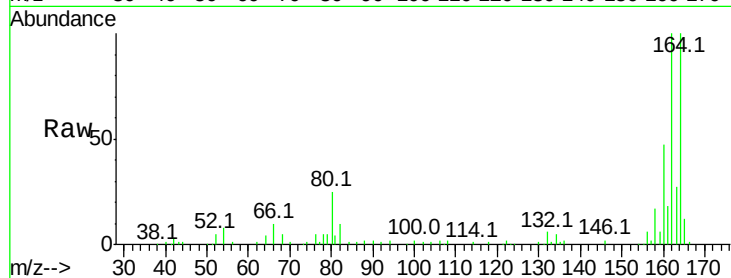
Tot Ion:164 Resp: 91327

Ion Ratio Lower Upper

164 100

162 100.0 85.1 127.7

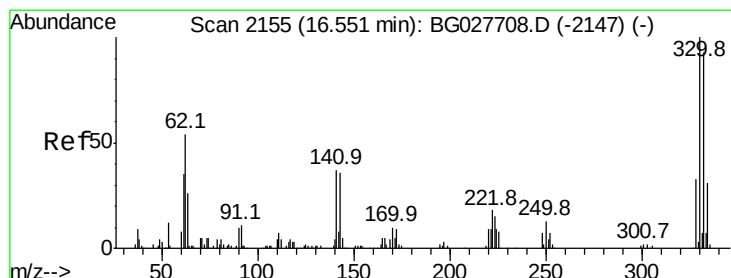
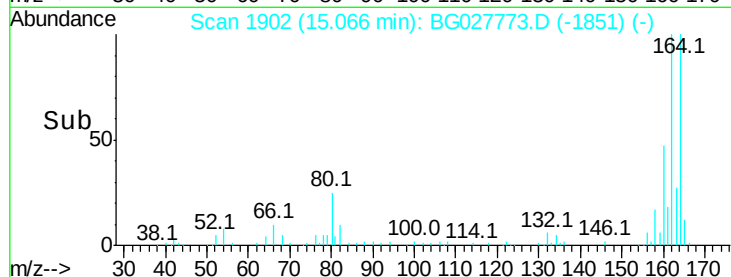
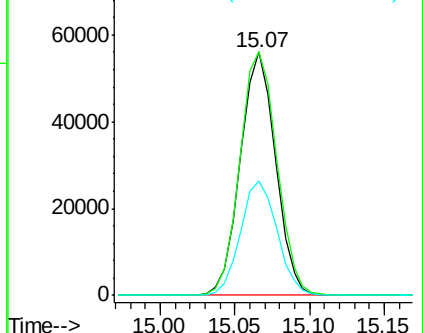
160 47.0 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 177.76 ng

RT: 16.55 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG027773.D

Acq: 1 Jul 2017 3:45

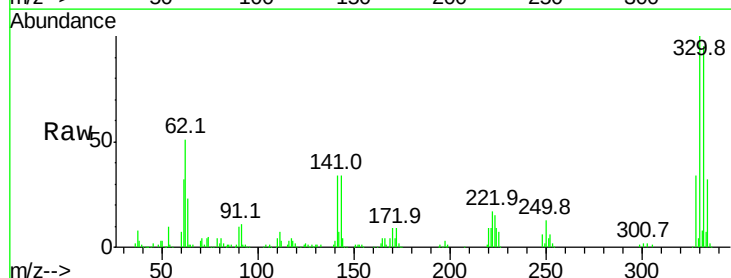
Tgt Ion:330 Resp: 222667

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

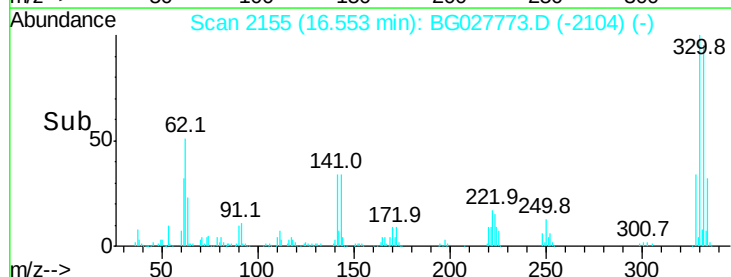
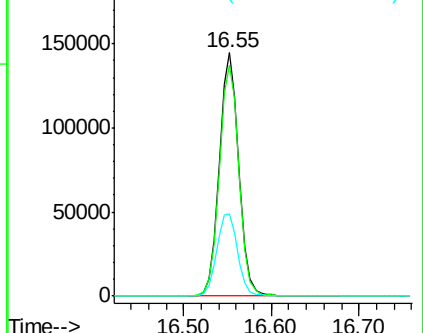
141 36.2 32.1 48.1

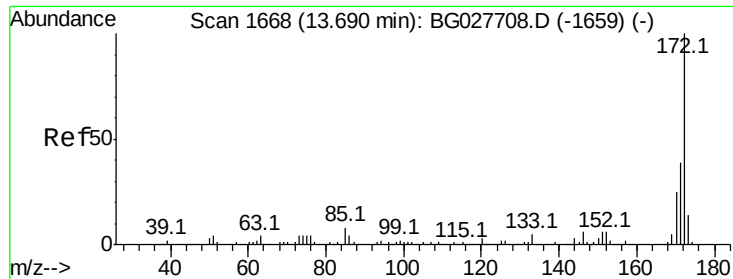


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

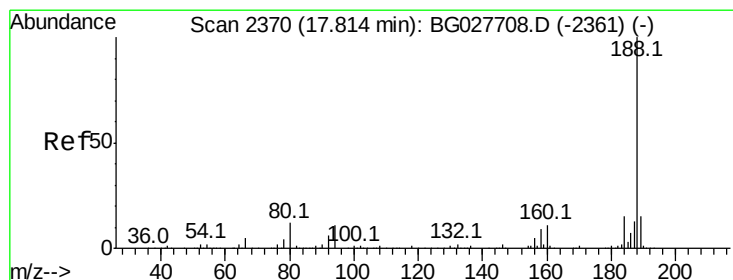
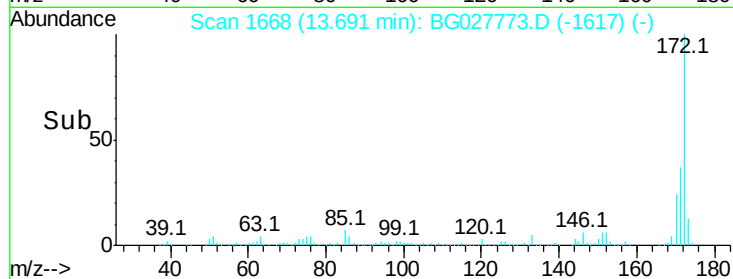
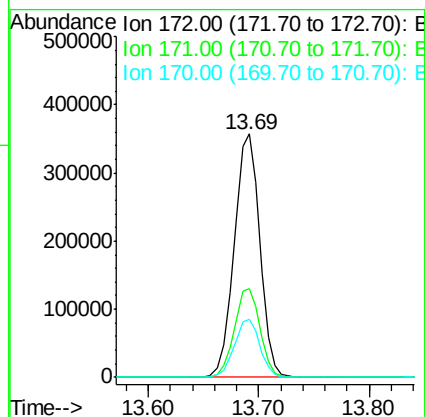
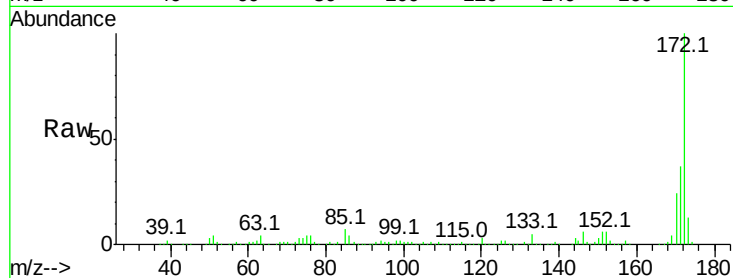




#44
2-Fluorobiphenyl
Concen: 90.53 ng
RT: 13.69 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG027773.D
Acq: 1 Jul 2017 3:45

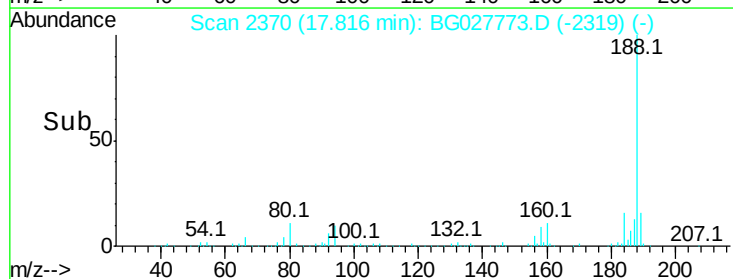
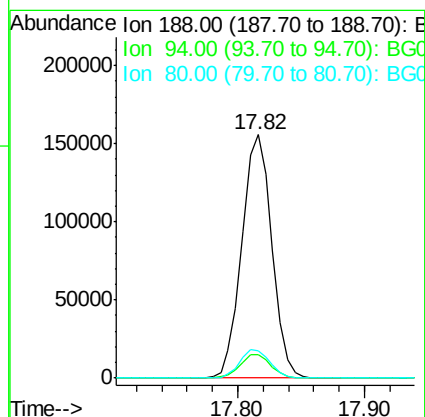
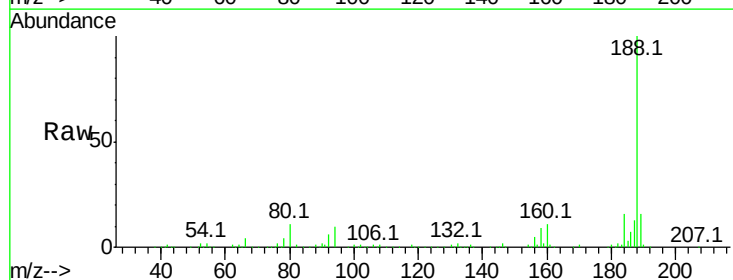
Instrument :
BNA_G
ClientSampleId :
BU-03-062717-A

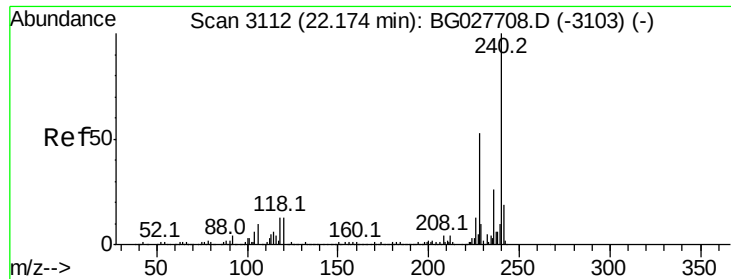
Tot Ion:172 Resp: 578930
Ion Ratio Lower Upper
172 100
171 36.6 32.2 48.2
170 23.8 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BG027773.D
Acq: 1 Jul 2017 3:45

Tgt Ion:188 Resp: 255068
Ion Ratio Lower Upper
188 100
94 9.8 5.8 8.8#
80 11.2 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.18 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BG027773.D

Acq: 1 Jul 2017 3:45

Instrument :

BNA_G

ClientSampleId :

BU-03-062717-A

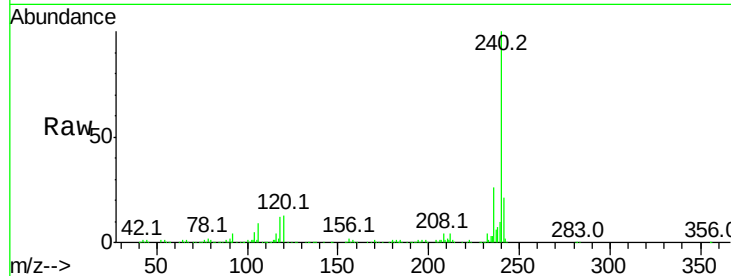
Tot Ion:240 Resp: 259478

Ion Ratio Lower Upper

240 100

120 13.3 5.7 8.5#

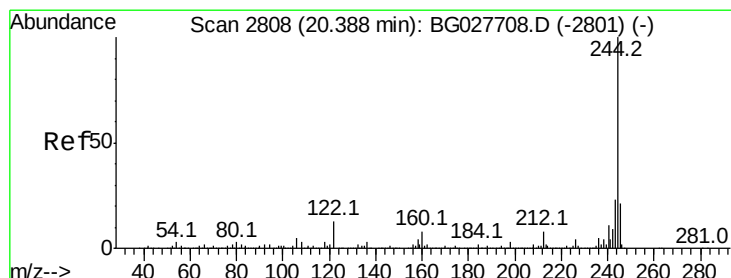
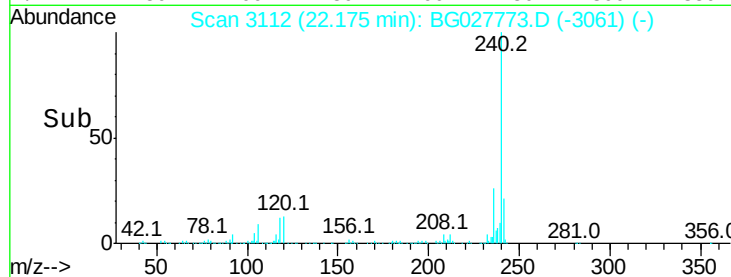
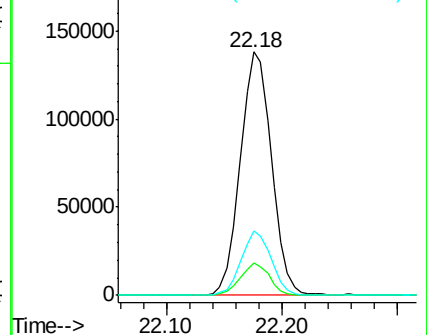
236 26.5 22.2 33.4



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: 107.31 ng

RT: 20.40 min Scan# 2809

Delta R.T. 0.01 min

Lab File: BG027773.D

Acq: 1 Jul 2017 3:45

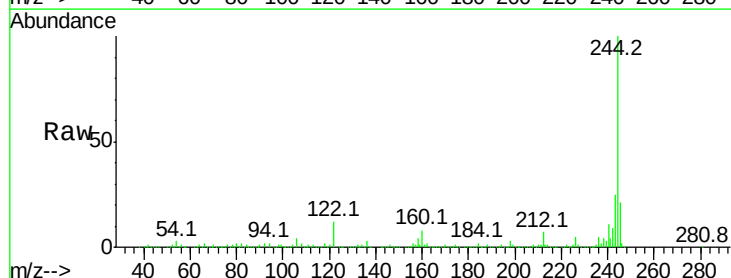
Tgt Ion:244 Resp: 1187670

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

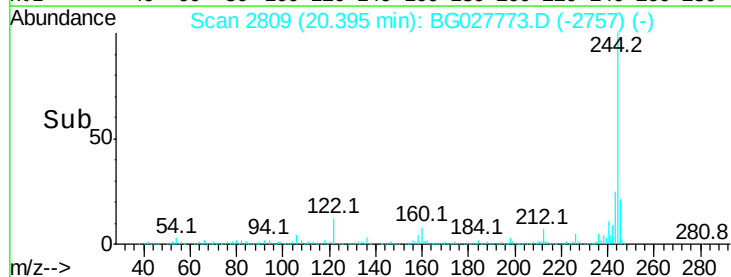
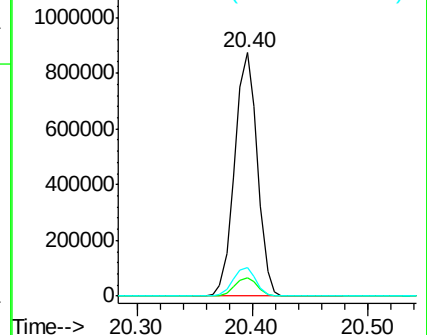
122 11.6 8.6 12.8

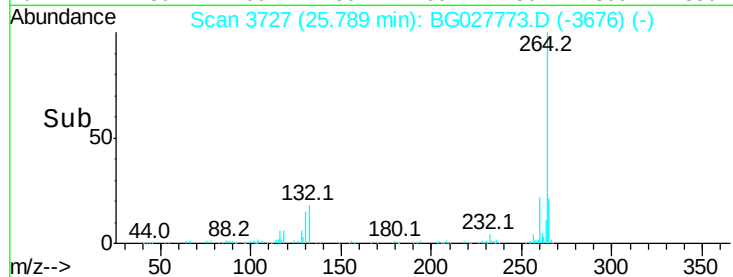
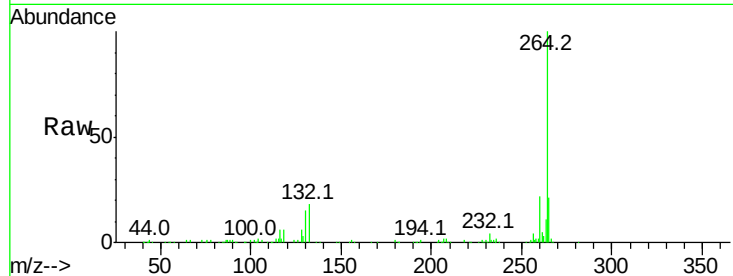
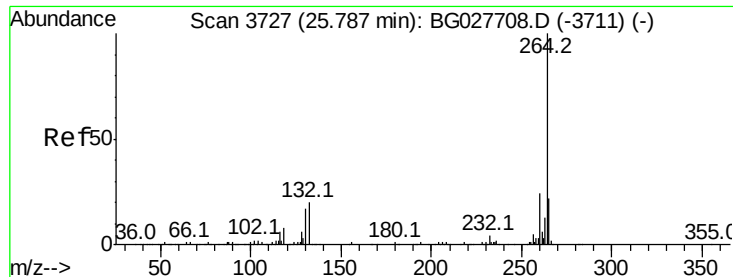


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.79 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG027773.D
Acq: 1 Jul 2017 3:45

Instrument :
BNA_G
ClientSampleId :
BU-03-062717-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	21.8	32.8#
265	20.8	18.2	27.4

