

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
 Data File : BG027796.D
 Acq On : 1 Jul 2017 23:21
 Operator : SJ/JU
 Sample : I4000-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A1273-FT

Quant Time: Jul 03 07:23:17 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

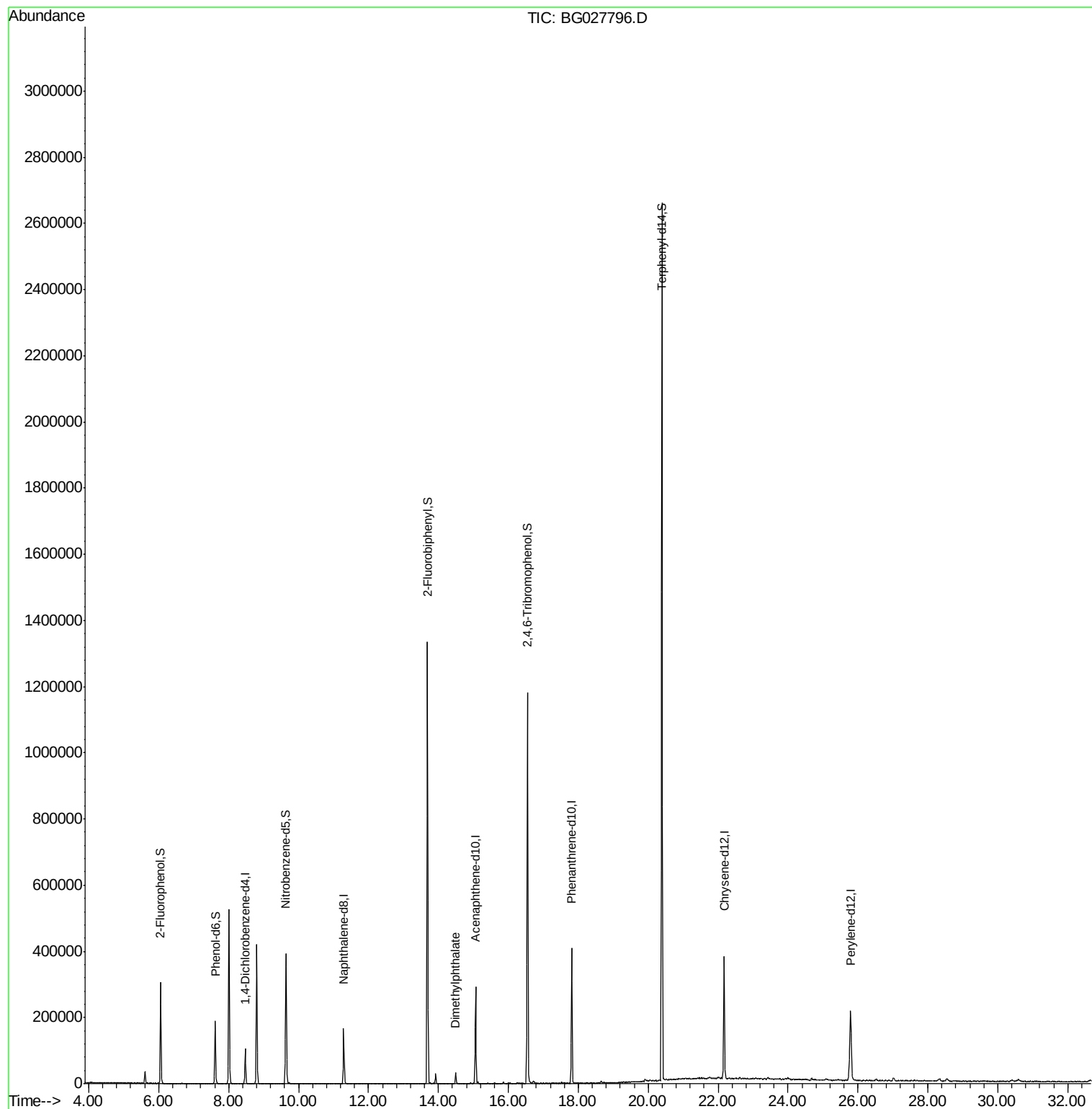
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	30028	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	150760	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	100816	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	246781	20.00	ng	0.00
75) Chrysene-d12	22.17	240	249054	20.00	ng	0.00
86) Perylene-d12	25.79	264	250298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	130959	67.16	ng	0.00
7) Phenol-d6	7.61	99	114952	38.59	ng	0.00
23) Nitrobenzene-d5	9.64	82	247296	91.43	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	243929	176.40	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	686655	97.27	ng	0.00
78) Terphenyl-d14	20.39	244	1189054	111.93	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.49	163	22205	2.582	ng	Qvalue 97

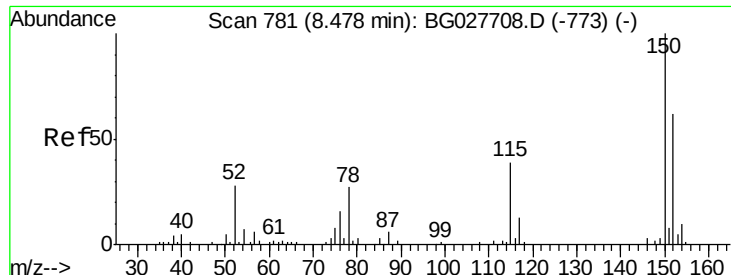
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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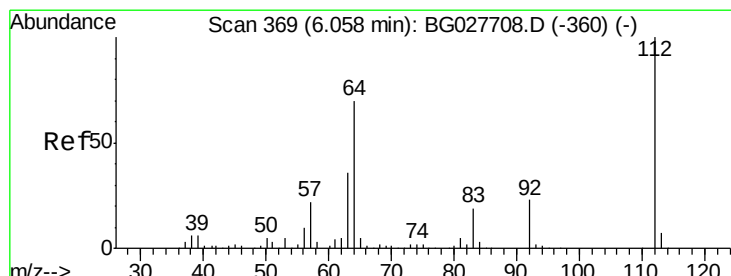
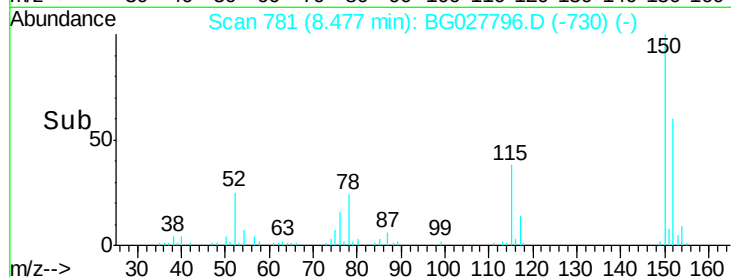
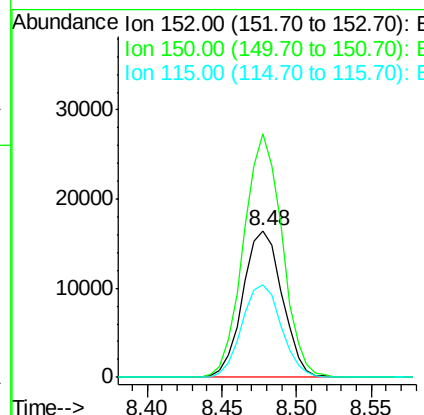
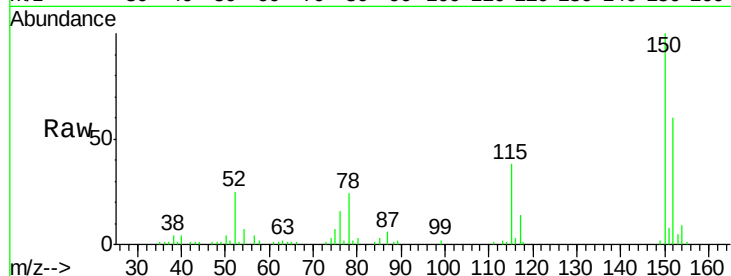


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027796.D
Acq: 1 Jul 2017 23:21

Instrument :
BNA_G
ClientSampleId :
A1273-FT

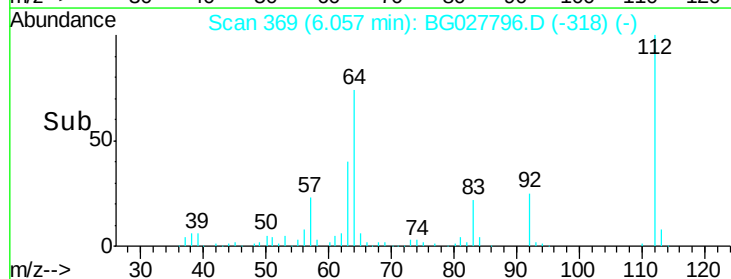
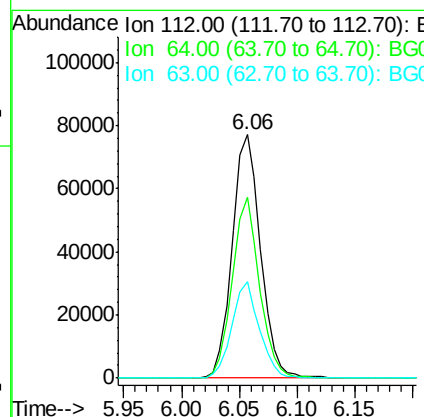
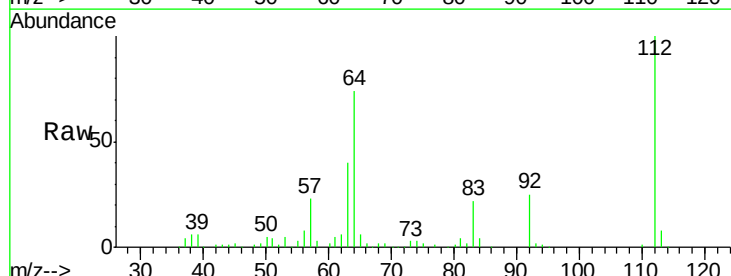
Tgt Ion:152 Resp: 30028
Ion Ratio Lower Upper
152 100
150 166.3 114.0 171.0
115 63.0 48.1 72.1

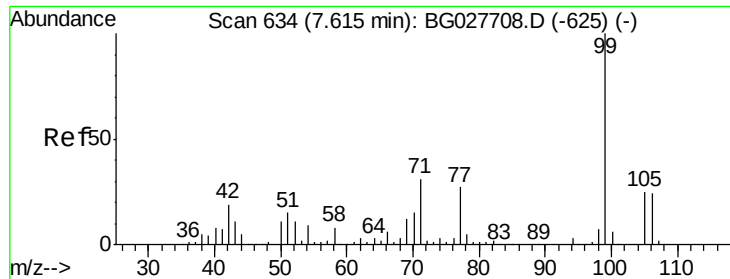


#5

2-Fluorophenol
Concen: 67.159 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027796.D
Acq: 1 Jul 2017 23:21

Tgt Ion:112 Resp: 130959
Ion Ratio Lower Upper
112 100
64 74.0 61.8 92.6
63 39.8 37.2 55.8





#7

Phenol-d6

Concen: 38.588 ng

RT: 7.61 min Scan# 634

Delta R.T. -0.00 min

Lab File: BG027796.D

Acq: 1 Jul 2017 23:21

Instrument :

BNA_G

ClientSampleId :

A1273-FT

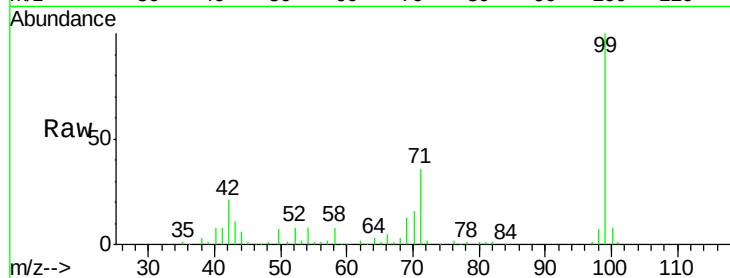
Tgt Ion: 99 Resp: 114952

Ion Ratio Lower Upper

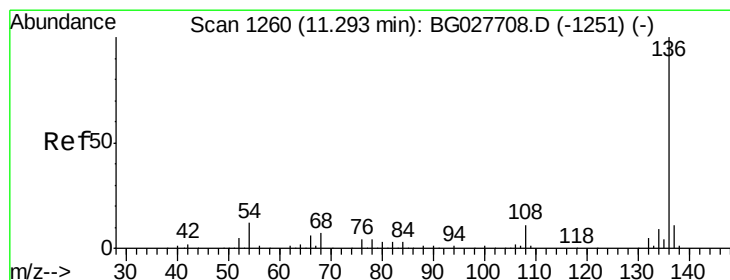
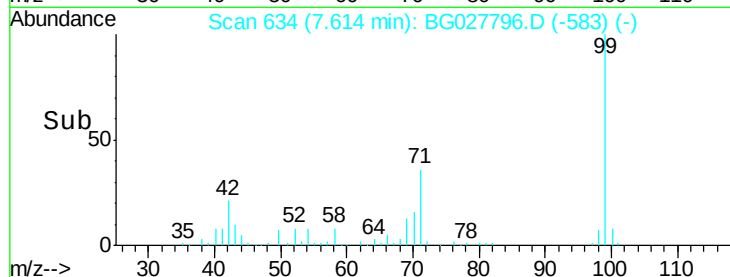
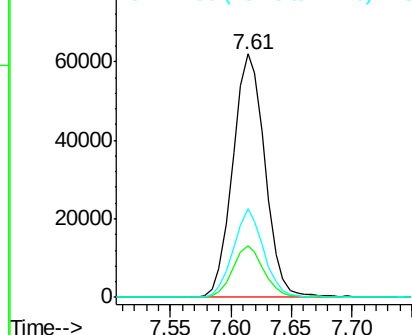
99 100

42 21.2 20.5 30.7

71 36.4 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: 11.29 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG027796.D

Acq: 1 Jul 2017 23:21

Tgt Ion: 136 Resp: 150760

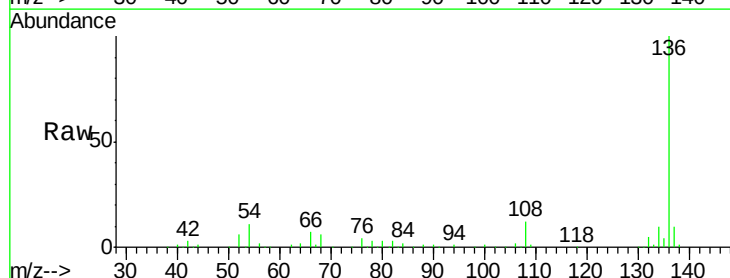
Ion Ratio Lower Upper

136 100

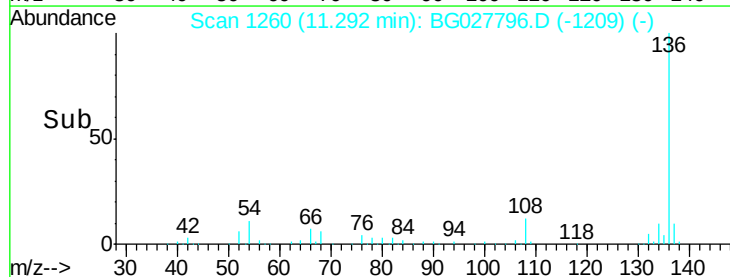
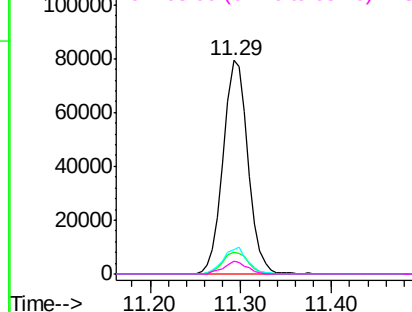
137 10.2 8.9 13.3

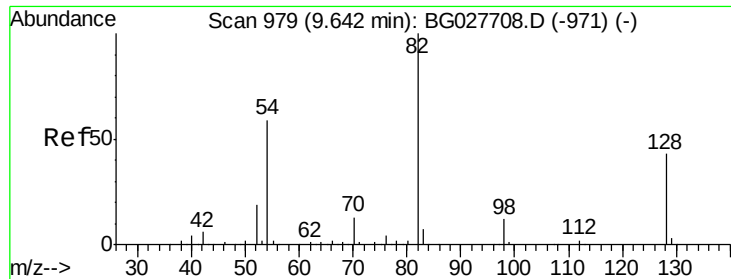
54 11.4 9.3 13.9

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: 91.433 ng

RT: 9.64 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG027796.D

Acq: 1 Jul 2017 23:21

Instrument :

BNA_G

ClientSampleId :

A1273-FT

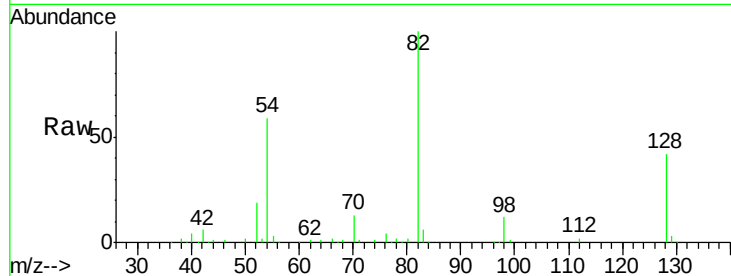
Tgt Ion: 82 Resp: 247296

Ion Ratio Lower Upper

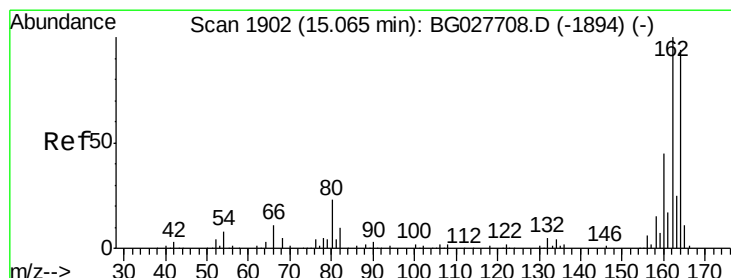
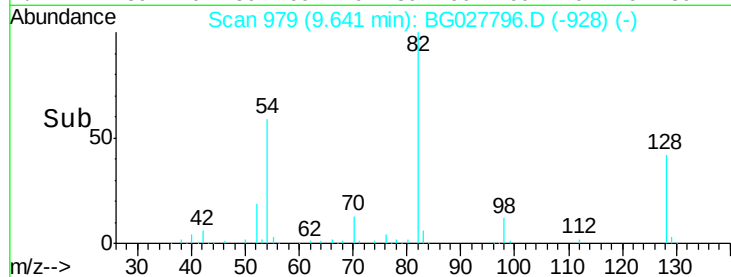
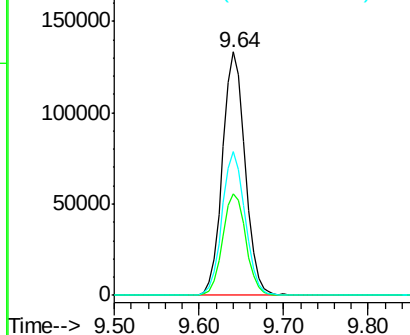
82 100

128 41.8 26.4 39.6#

54 59.1 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: BG027796.D

Acq: 1 Jul 2017 23:21

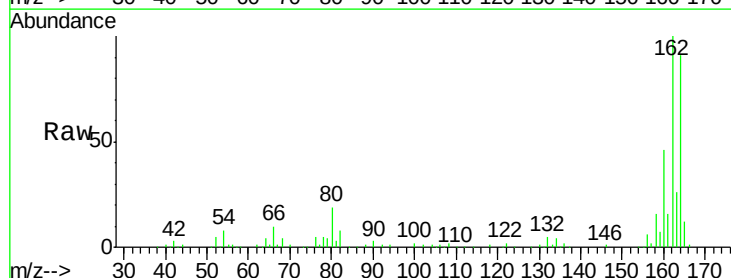
Tgt Ion: 164 Resp: 100816

Ion Ratio Lower Upper

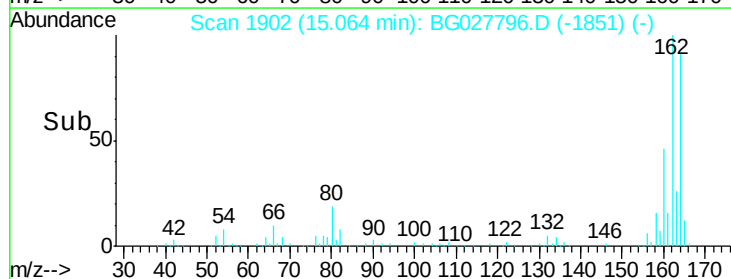
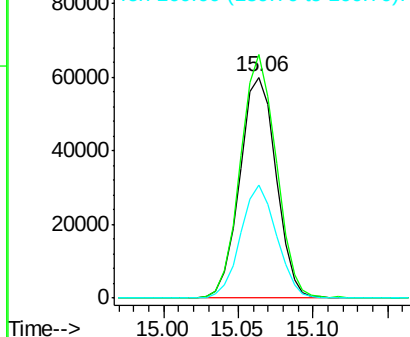
164 100

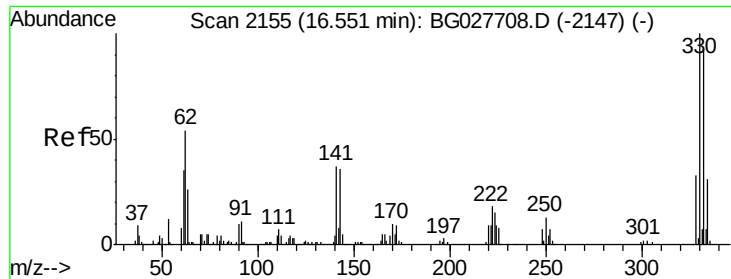
162 110.1 85.1 127.7

160 50.9 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

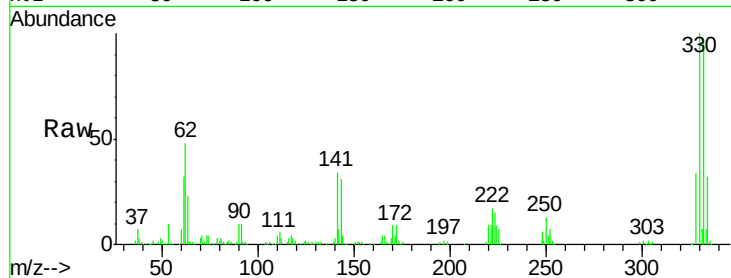




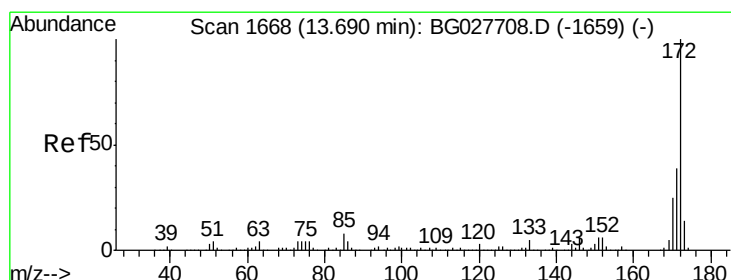
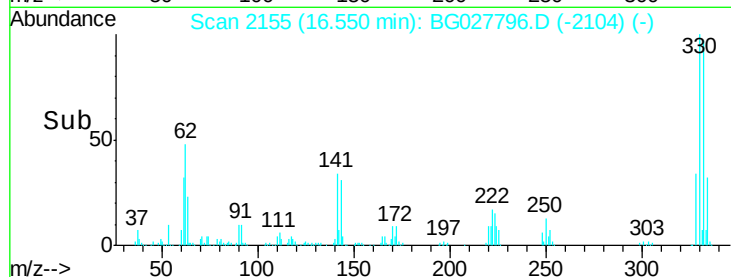
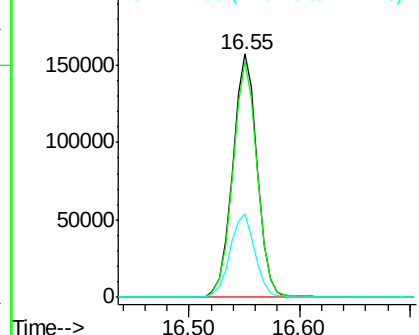
#41
 2,4,6-Tribromophenol
 Concen: 176.402 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027796.D
 Acq: 1 Jul 2017 23:21

Instrument :
 BNA_G
 ClientSampleId :
 A1273-FT

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	35.2	32.1	48.1

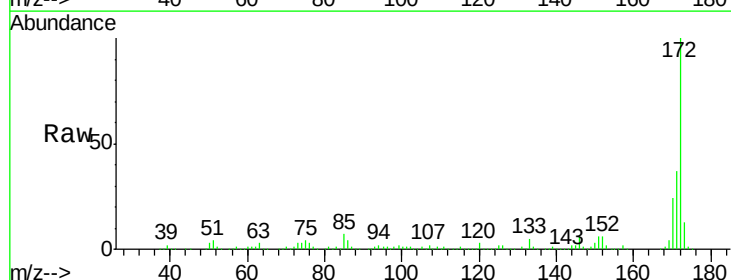


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

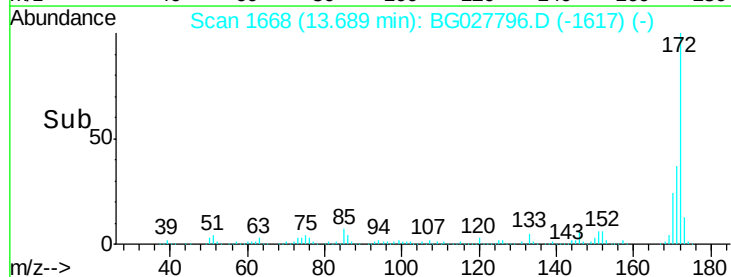
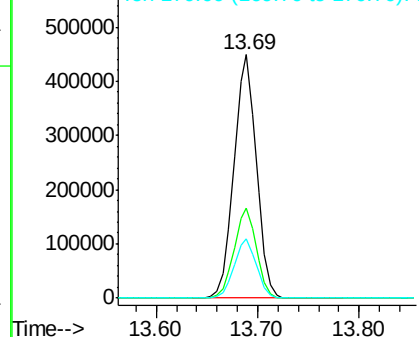


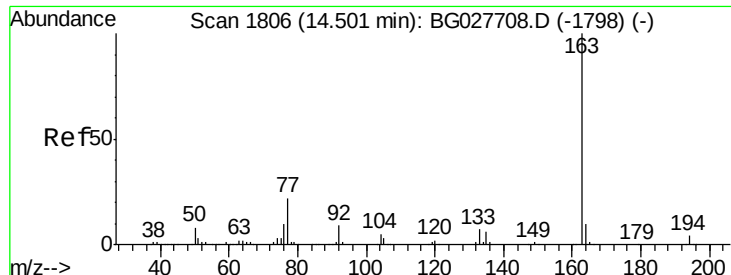
#44
 2-Fluorobiphenyl
 Concen: 97.272 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027796.D
 Acq: 1 Jul 2017 23:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	24.3	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: 2.582 ng

RT: 14.49 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BG027796.D

Acq: 1 Jul 2017 23:21

Instrument :

BNA_G

ClientSampleId :

A1273-FT

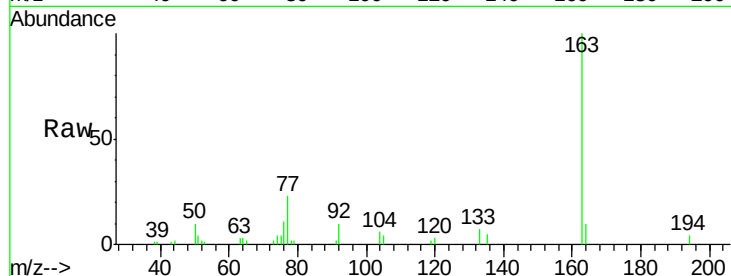
Tgt Ion:163 Resp: 22205

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

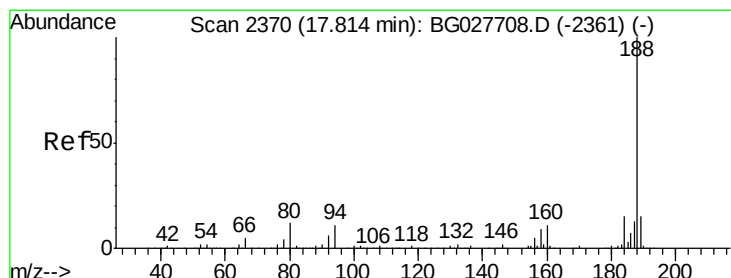
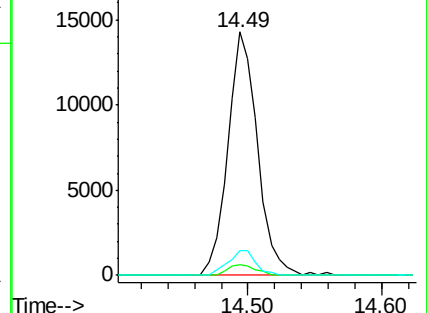
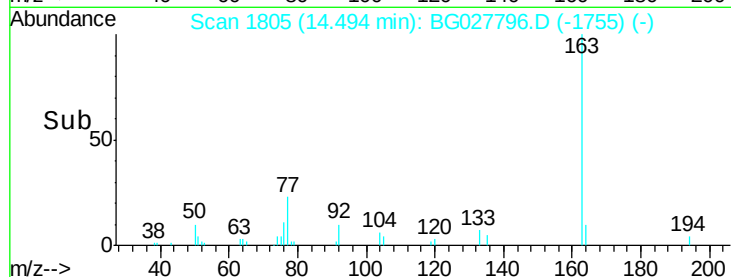
164 10.1 9.3 13.9



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: 20.000 ng

RT: 17.81 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BG027796.D

Acq: 1 Jul 2017 23:21

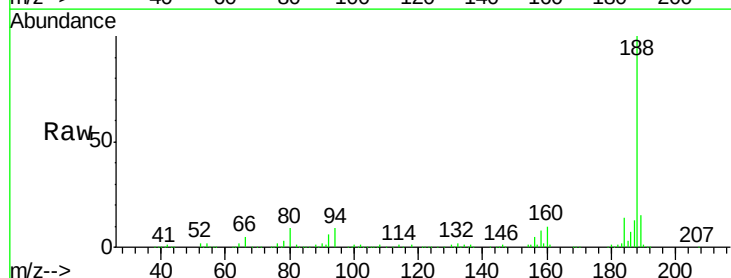
Tgt Ion:188 Resp: 246781

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.8

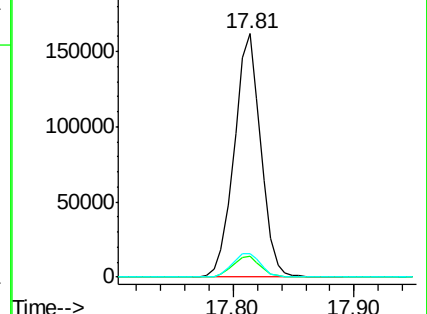
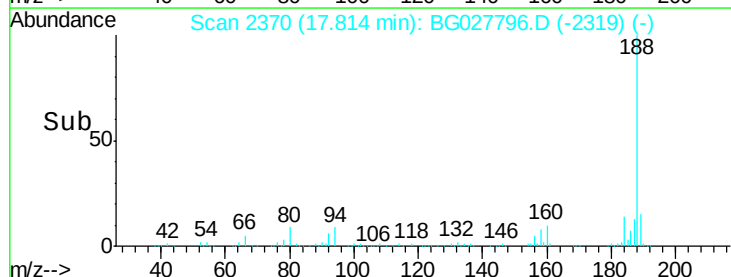
80 9.5 7.5 11.3

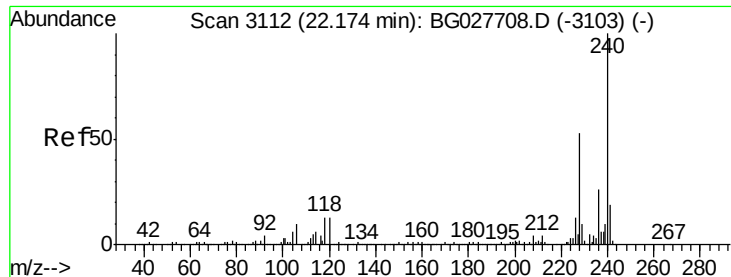


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG027796.D

Acq: 1 Jul 2017 23:21

Instrument :

BNA_G

ClientSampleId :

A1273-FT

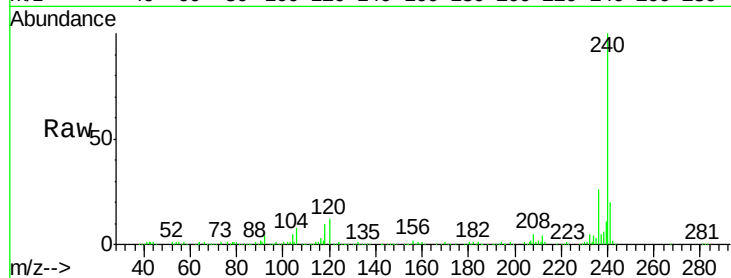
Tgt Ion:240 Resp: 249054

Ion Ratio Lower Upper

240 100

120 11.7 5.7 8.5#

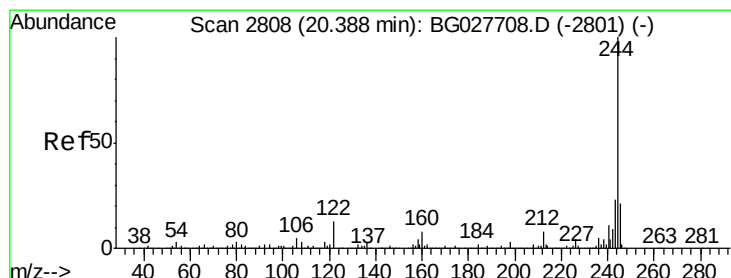
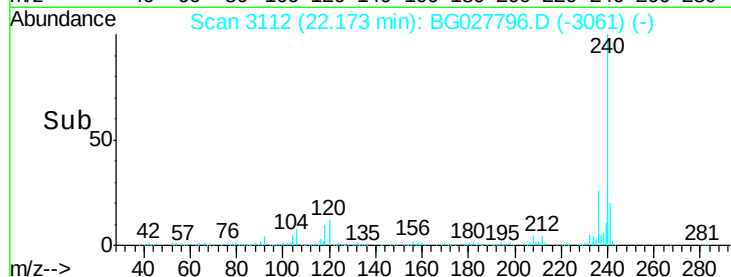
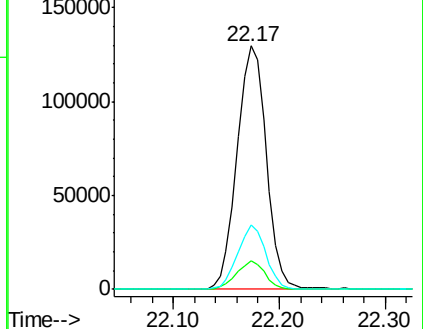
236 26.4 22.2 33.4



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: 111.927 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027796.D

Acq: 1 Jul 2017 23:21

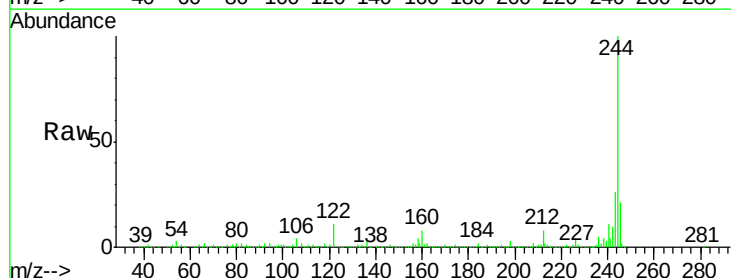
Tgt Ion:244 Resp: 1189054

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

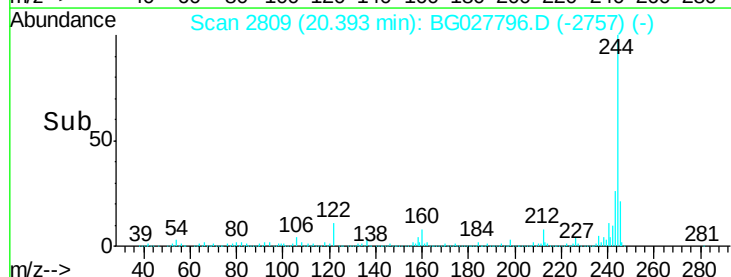
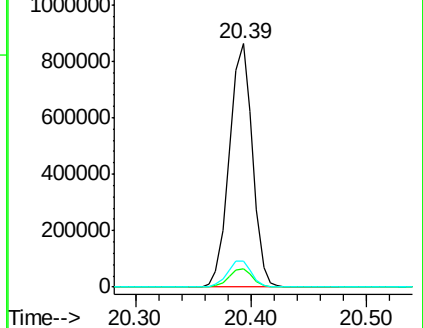
122 10.7 8.6 12.8

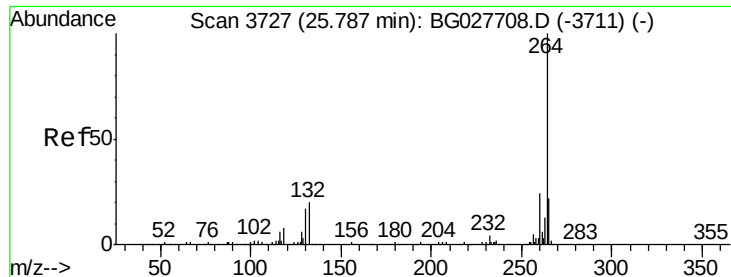


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3727
Delta R.T. -0.00 min
Lab File: BG027796.D
Acq: 1 Jul 2017 23:21

Instrument :
BNA_G
ClientSampleId :
A1273-FT

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	22.0	18.2	27.4

