

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070117\
 Data File : BG027784.D
 Acq On : 1 Jul 2017 15:12
 Operator : SJ/JU
 Sample : I3991-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 01 18:09:56 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

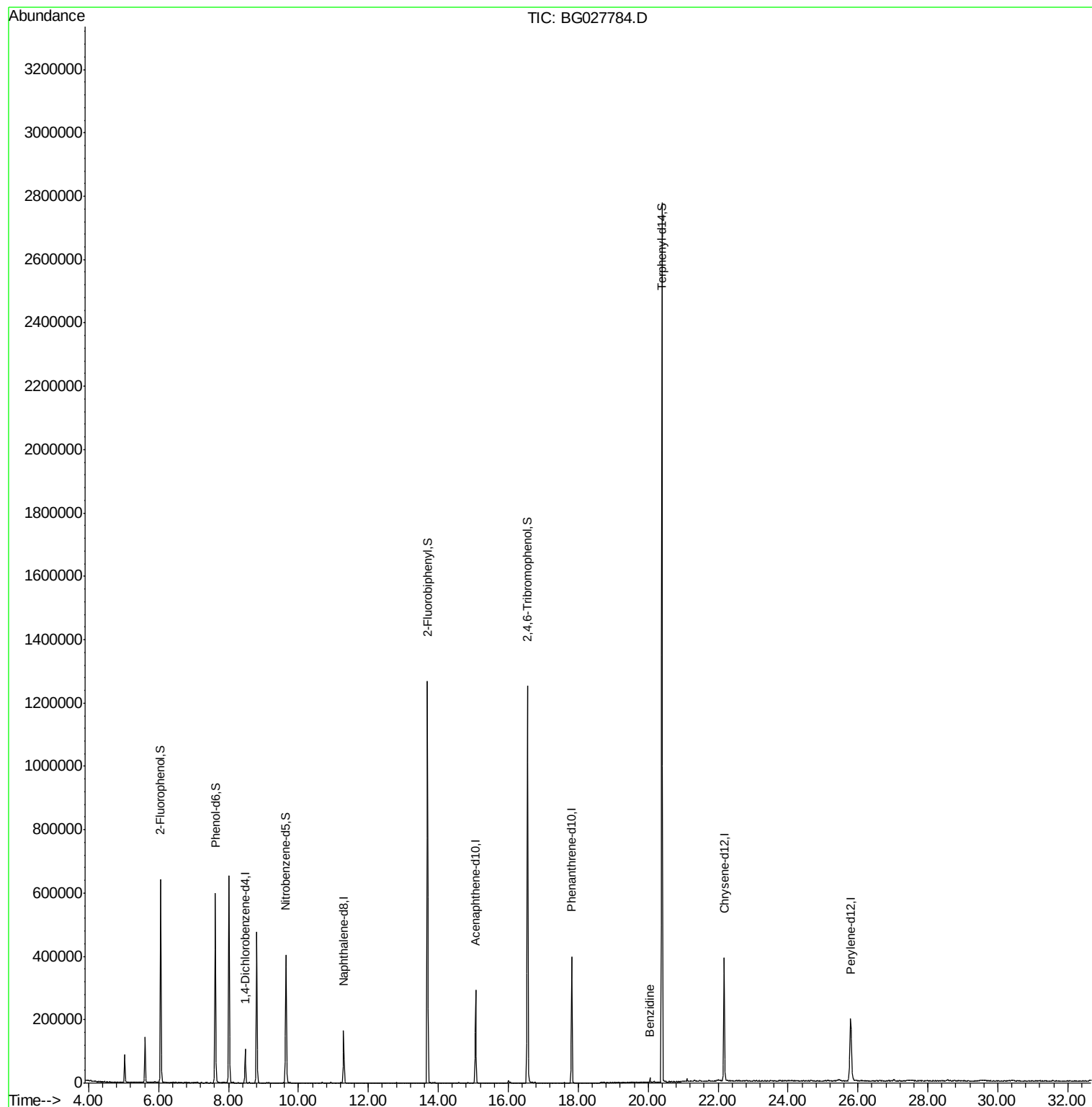
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	31046	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	149392	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	100880	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	254160	20.00	ng	0.00
75) Chrysene-d12	22.17	240	254553	20.00	ng	0.00
86) Perylene-d12	25.79	264	244993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	279434	138.60	ng	0.00
7) Phenol-d6	7.62	99	362441	117.68	ng	0.00
23) Nitrobenzene-d5	9.64	82	254634	95.01	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	249858	180.58	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	676505	95.77	ng	0.00
78) Terphenyl-d14	20.39	244	1226555	112.96	ng	0.00
Target Compounds						
76) Benzidine	20.04	184	126	3.24	ng	Qvalue # 64

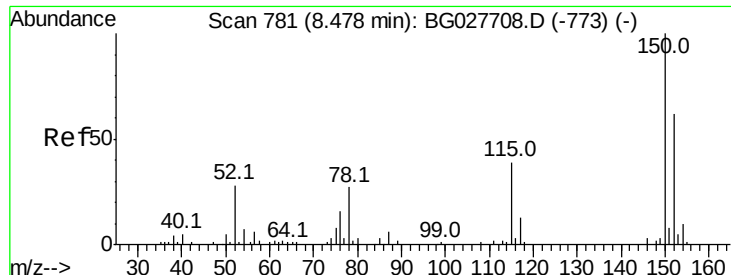
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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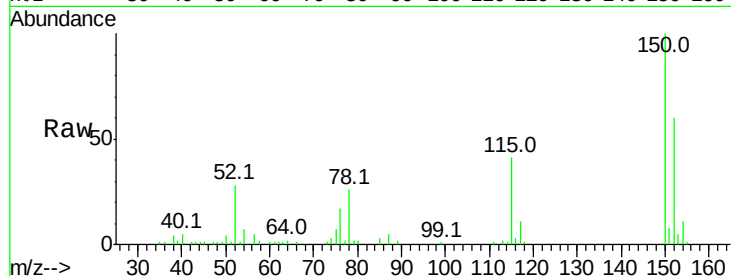


#1

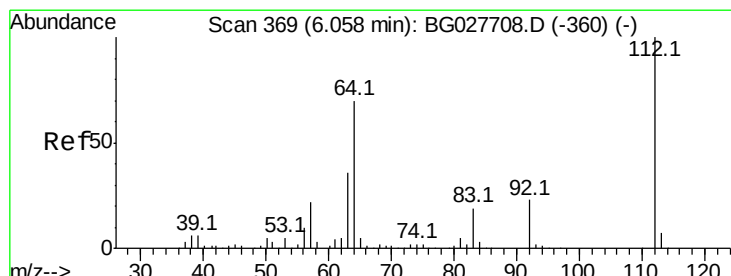
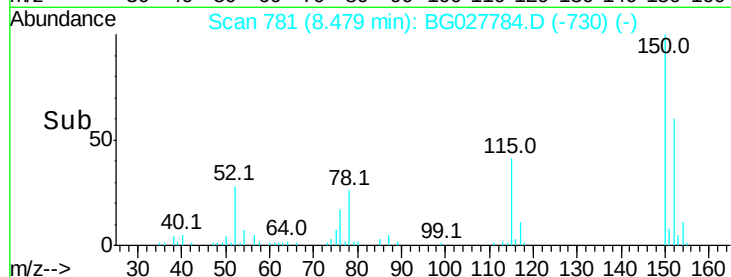
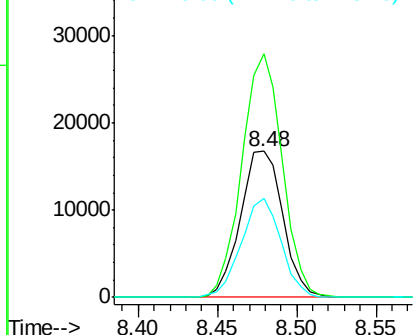
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG027784.D
Acq: 1 Jul 2017 15:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31046
Ion Ratio Lower Upper
152 100
150 166.8 114.0 171.0
115 67.7 48.1 72.1



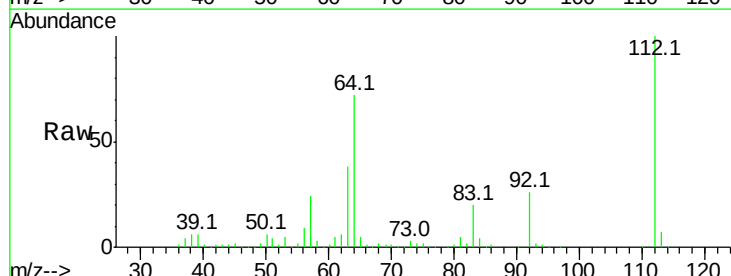
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



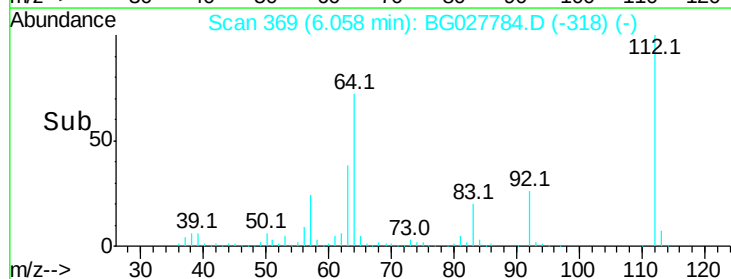
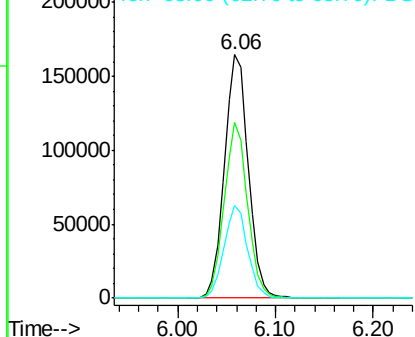
#5

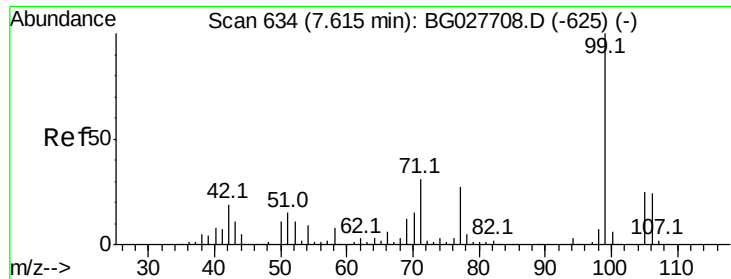
2-Fluorophenol
Concen: 138.60 ng
RT: 6.06 min Scan# 369
Delta R.T. 0.00 min
Lab File: BG027784.D
Acq: 1 Jul 2017 15:12

Tgt Ion:112 Resp: 279434
Ion Ratio Lower Upper
112 100
64 72.2 61.8 92.6
63 38.1 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: 117.68 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.01 min

Lab File: BG027784.D

Acq: 1 Jul 2017 15:12

Instrument :

BNA_G

ClientSampleId :

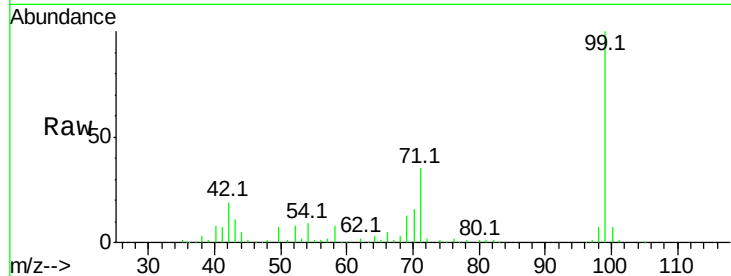
Tot Ion: 99 Resp: 362441

Ion Ratio Lower Upper

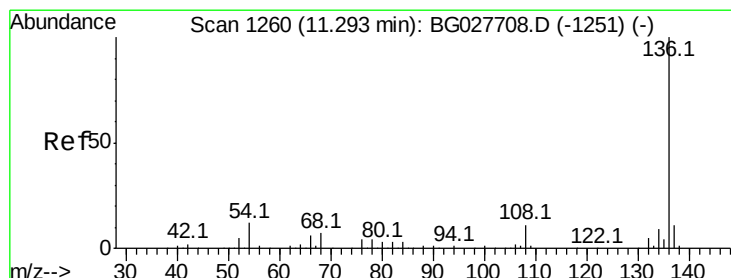
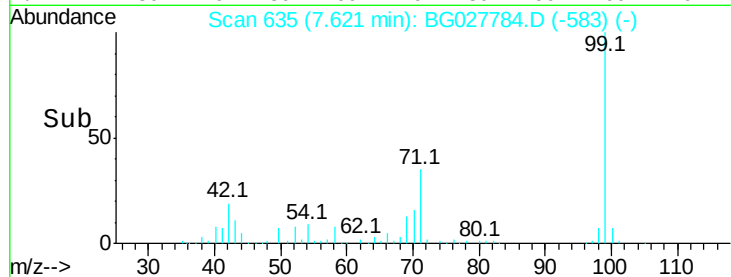
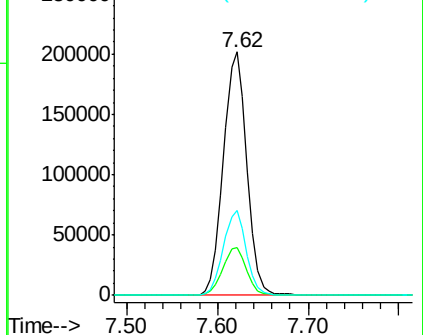
99 100

42 19.4 20.5 30.7#

71 34.8 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: BG027784.D

Acq: 1 Jul 2017 15:12

Tgt Ion: 136 Resp: 149392

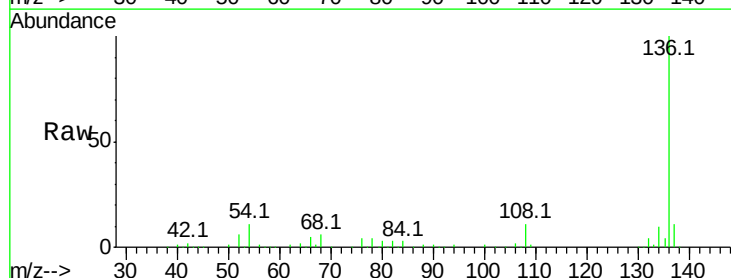
Ion Ratio Lower Upper

136 100

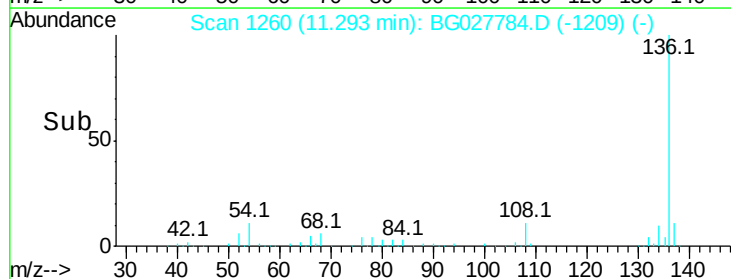
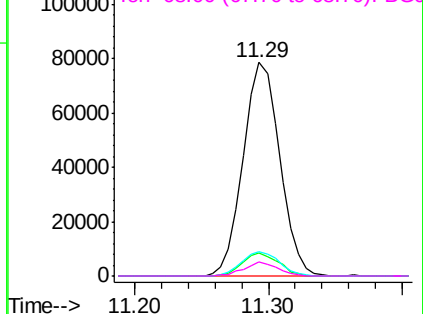
137 11.0 8.9 13.3

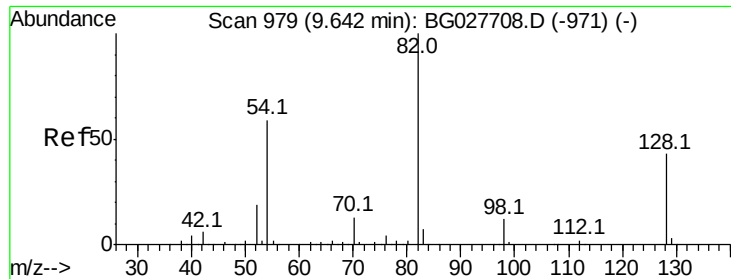
54 11.3 9.3 13.9

68 6.4 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

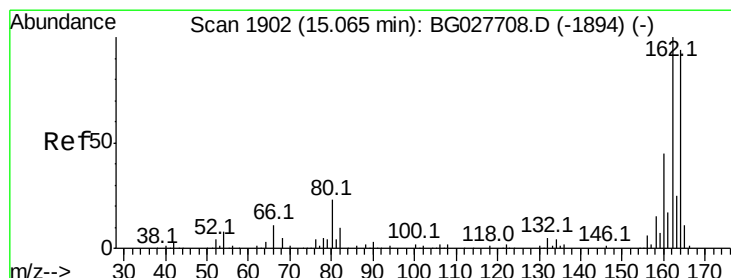
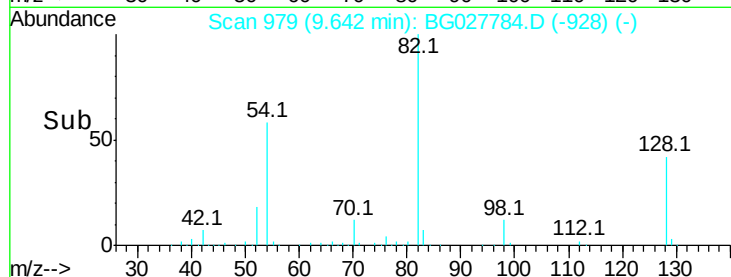
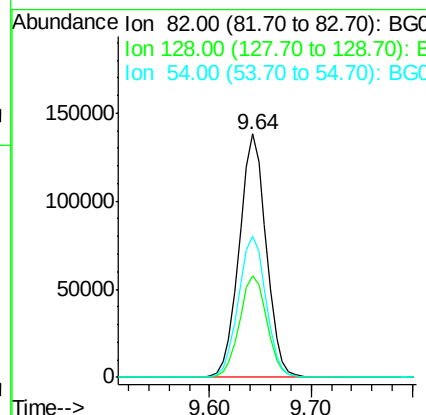
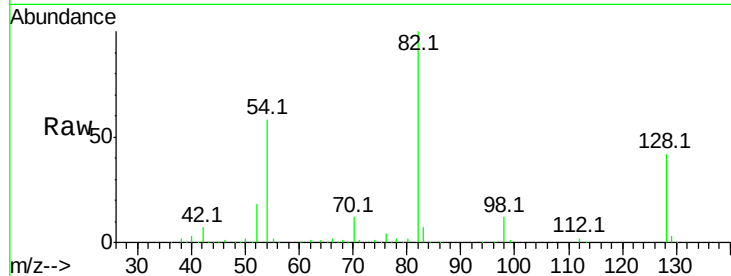




#23
 Nitrobenzene-d5
 Concen: 95.01 ng
 RT: 9.64 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BG027784.D
 Acq: 1 Jul 2017 15:12

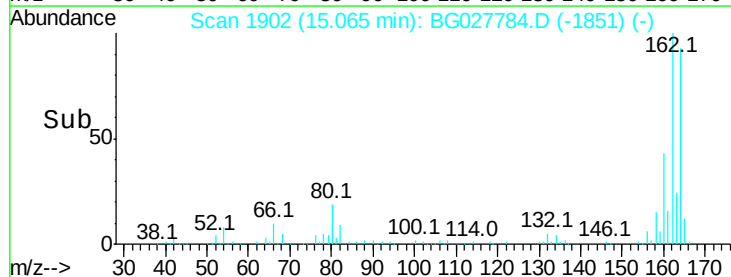
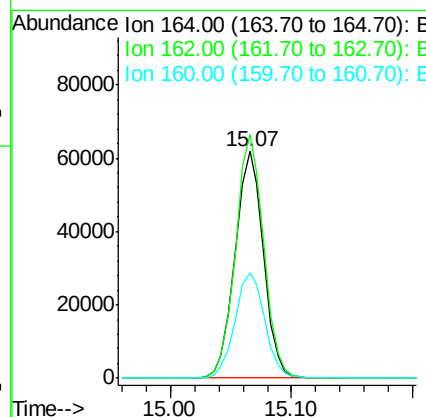
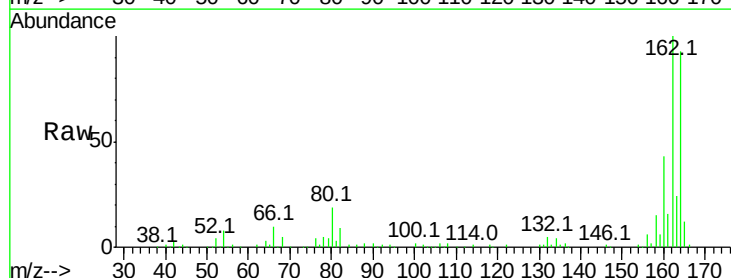
Instrument :
 BNA_G
 ClientSampled :

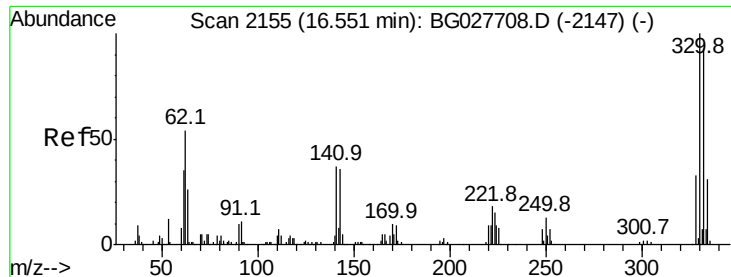
Tot Ion: 82 Resp: 254634
 Ion Ratio Lower Upper
 82 100
 128 41.9 26.4 39.6#
 54 58.2 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BG027784.D
 Acq: 1 Jul 2017 15:12

Tgt Ion:164 Resp: 100880
 Ion Ratio Lower Upper
 164 100
 162 107.3 85.1 127.7
 160 46.7 34.7 52.1

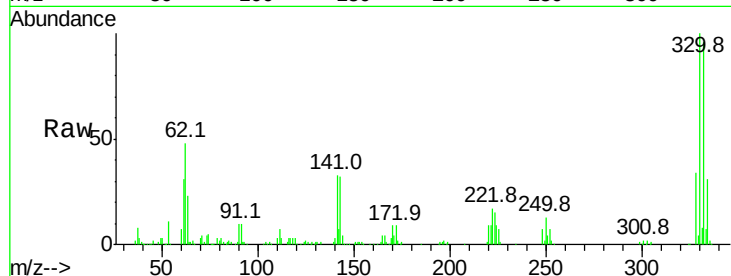




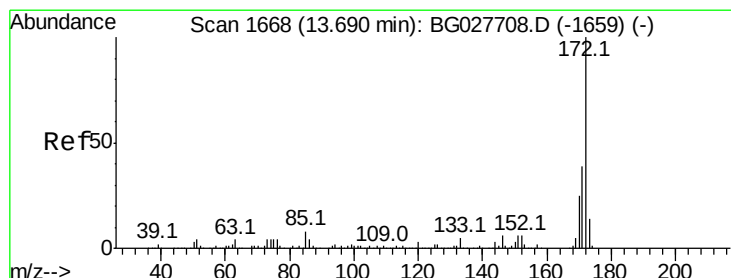
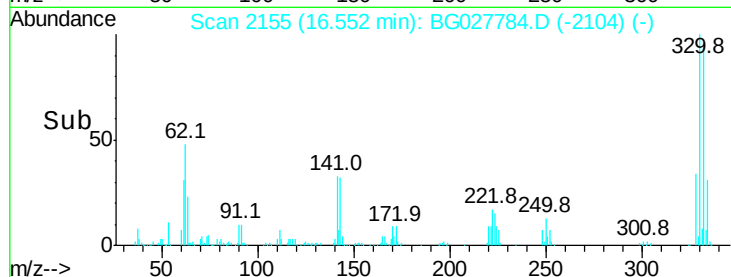
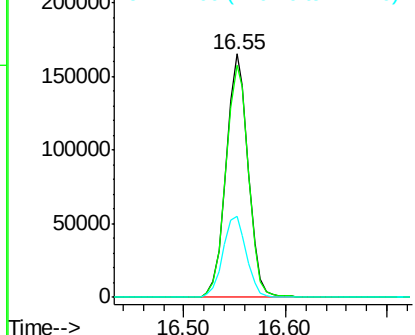
#41
 2,4,6-Tribromophenol
 Concen: 180.58 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG027784.D
 Acq: 1 Jul 2017 15:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	35.7	32.1	48.1

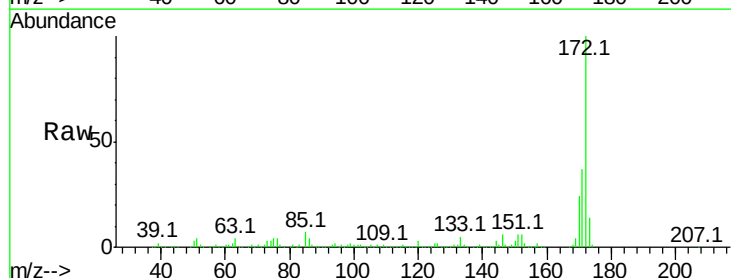


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

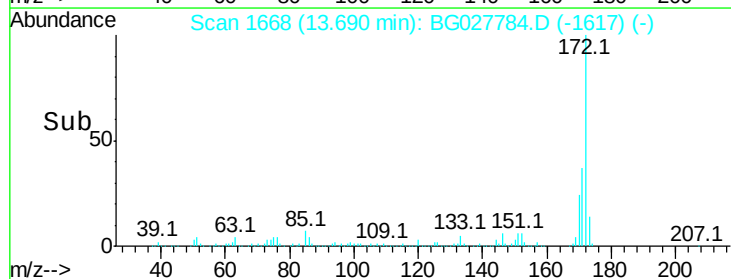
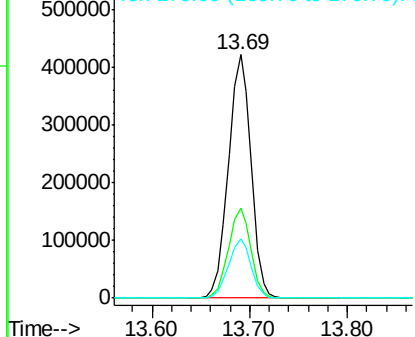


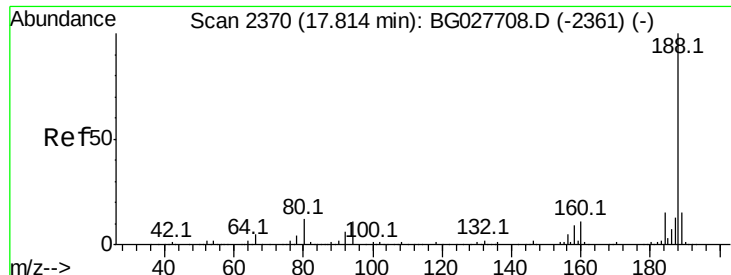
#44
 2-Fluorobiphenyl
 Concen: 95.77 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BG027784.D
 Acq: 1 Jul 2017 15:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	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

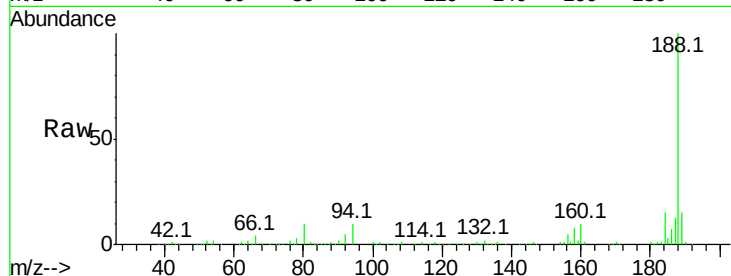




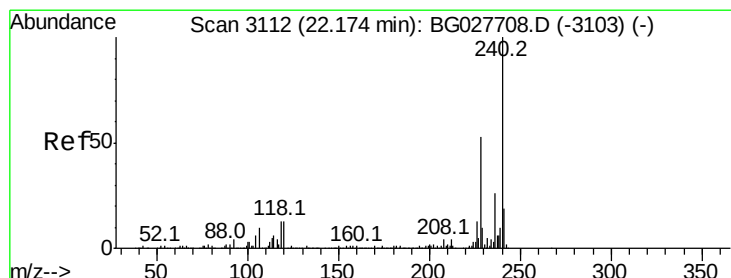
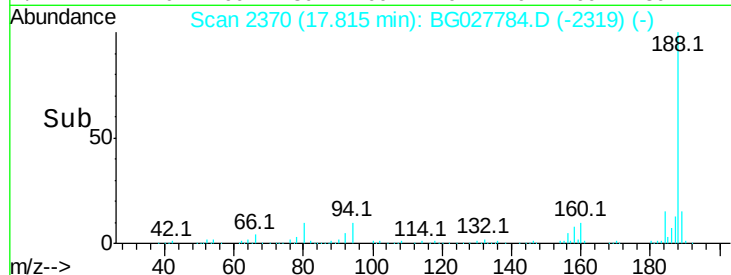
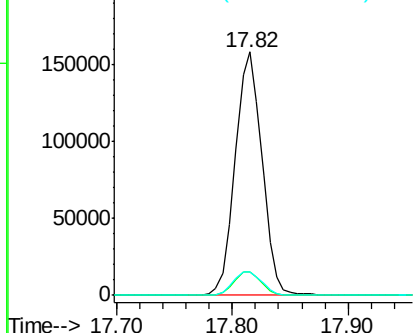
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BG027784.D
Acq: 1 Jul 2017 15:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 254160
Ion Ratio Lower Upper
188 100
94 9.7 5.8 8.8#
80 9.6 7.5 11.3

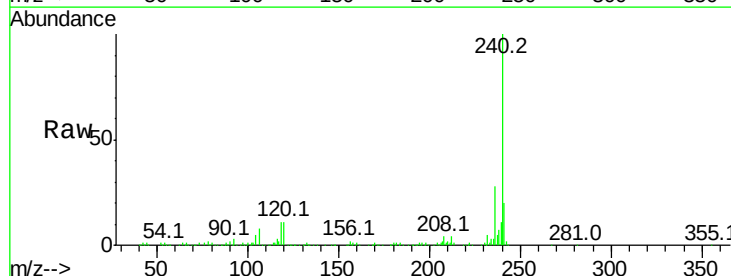


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

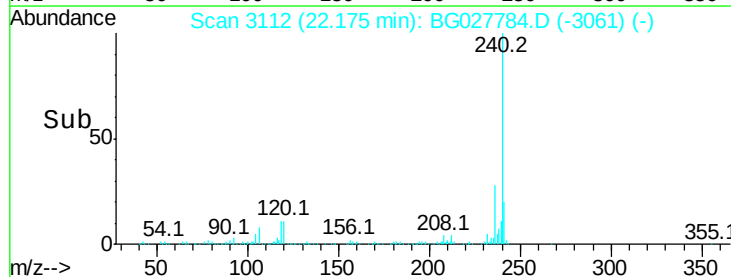
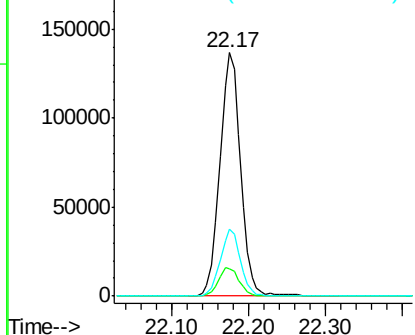


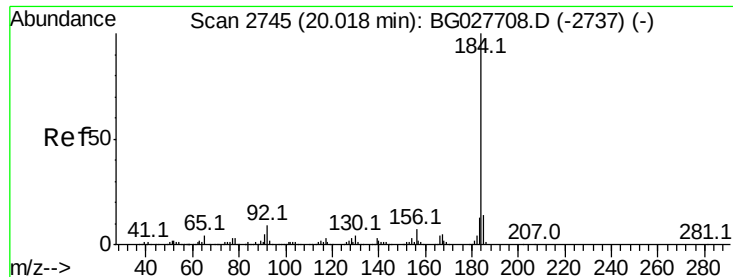
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.17 min Scan# 3112
Delta R.T. 0.00 min
Lab File: BG027784.D
Acq: 1 Jul 2017 15:12

Tgt Ion:240 Resp: 254553
Ion Ratio Lower Upper
240 100
120 11.1 5.7 8.5#
236 27.5 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





#76

Benzidine

Concen: 3.24 ng

RT: 20.04 min Scan# 2748

Delta R.T. 0.02 min

Lab File: BG027784.D

Acq: 1 Jul 2017 15:12

Instrument :

BNA_G

ClientSampleId :

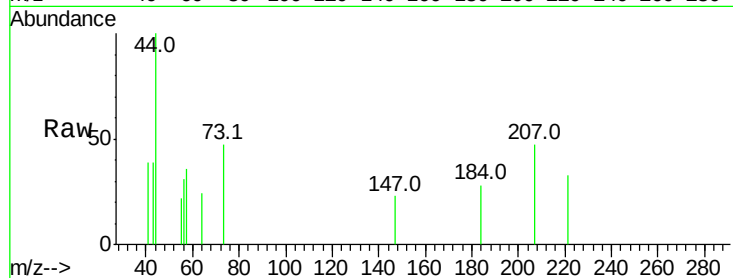
Tot Ion:184 Resp: 126

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

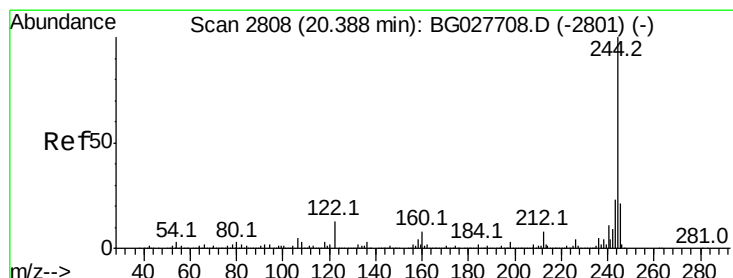
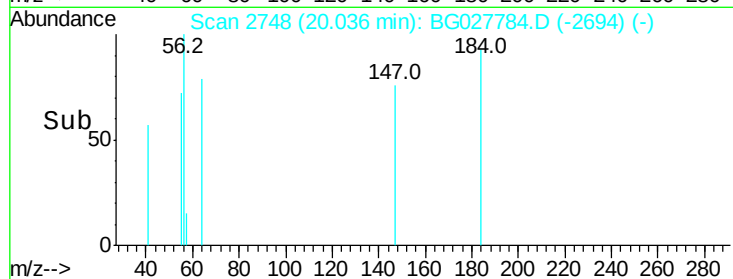
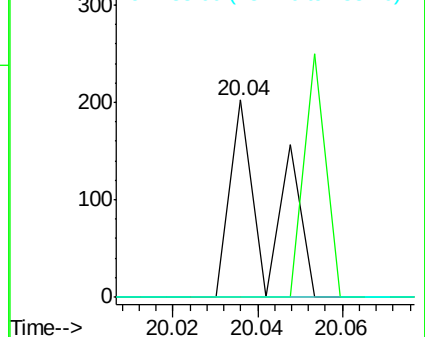
183 0.0 11.0 16.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 112.96 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.01 min

Lab File: BG027784.D

Acq: 1 Jul 2017 15:12

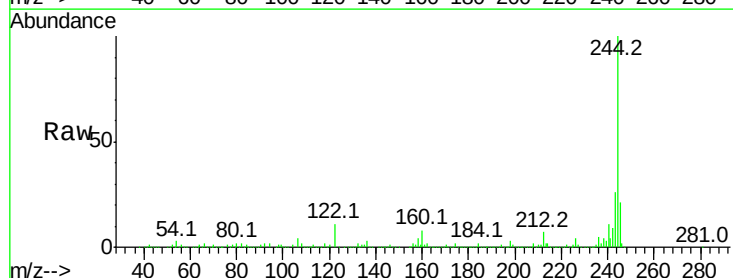
Tgt Ion:244 Resp: 1226555

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

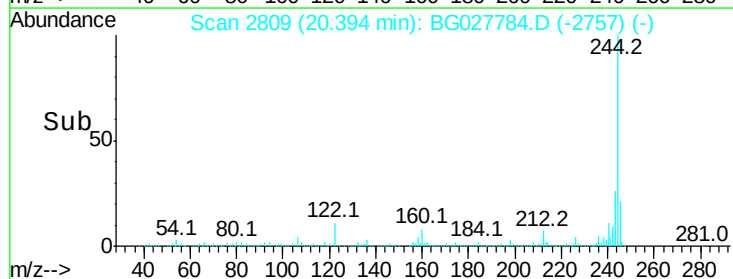
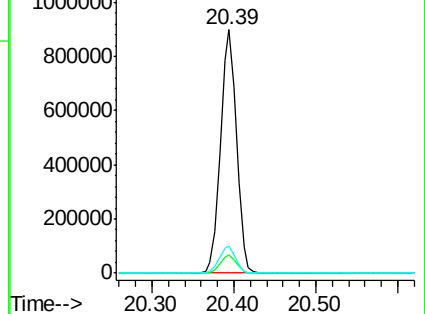
122 11.1 8.6 12.8

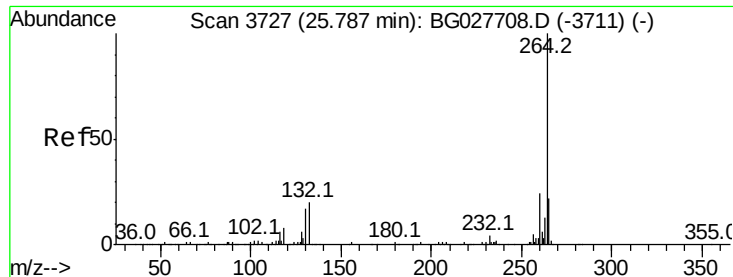


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.79 min Scan# 3728
Delta R.T. 0.01 min
Lab File: BG027784.D
Acq: 1 Jul 2017 15:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	21.4	18.2	27.4

