

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070717\
 Data File : BG027884.D
 Acq On : 8 Jul 2017 1:17
 Operator : SJ/JU
 Sample : I4072-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-070517-B

Quant Time: Jul 08 02:14:26 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

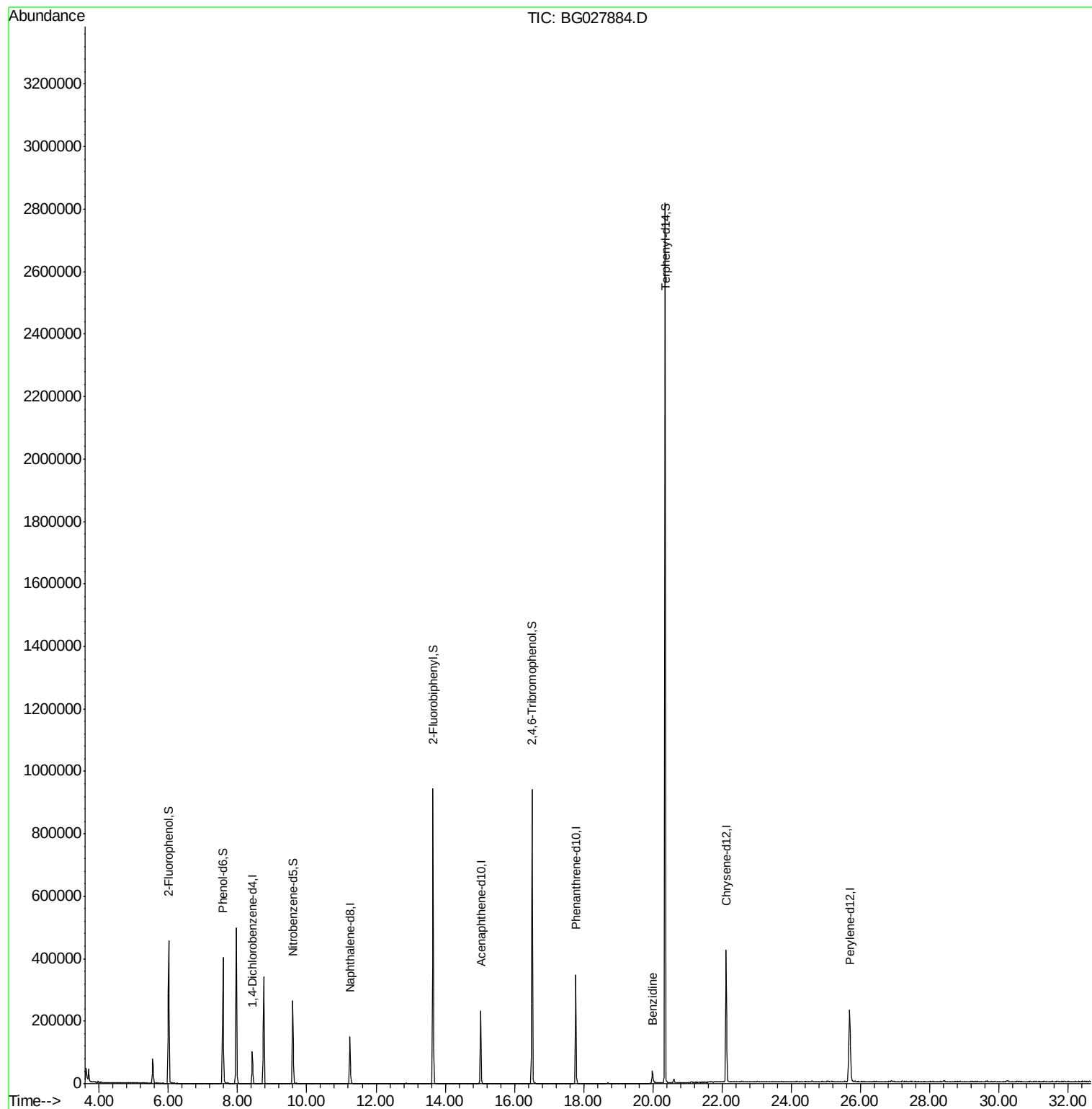
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	34564	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	153083	20.00	ng	0.00
38) Acenaphthene-d10	15.03	164	85712	20.00	ng	0.00
63) Phenanthrene-d10	17.78	188	235716	20.00	ng	0.00
75) Chrysene-d12	22.12	240	277471	20.00	ng	0.00
86) Perylene-d12	25.69	264	266287	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	258305	115.08	ng	0.00
7) Phenol-d6	7.58	99	336768	98.21	ng	0.00
23) Nitrobenzene-d5	9.59	82	195806	71.30	ng	0.00
41) 2,4,6-Tribromophenol	16.51	330	219666	186.85	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	530985	88.47	ng	0.00
78) Terphenyl-d14	20.36	244	1252626	105.84	ng	0.00
Target Compounds						
76) Benzidine	19.99	184	45641	9.664	ng	Qvalue # 94

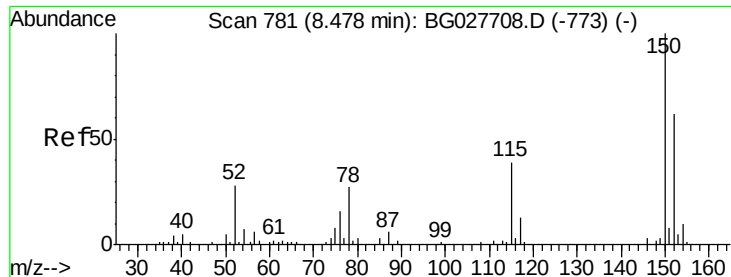
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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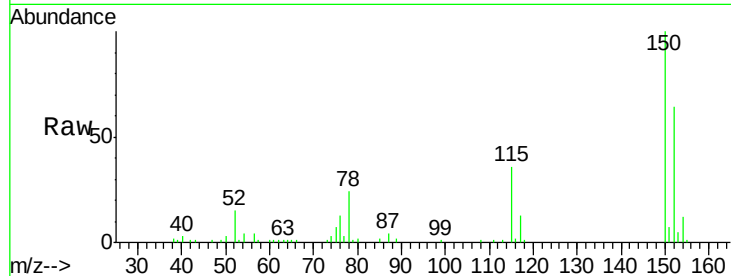


#1

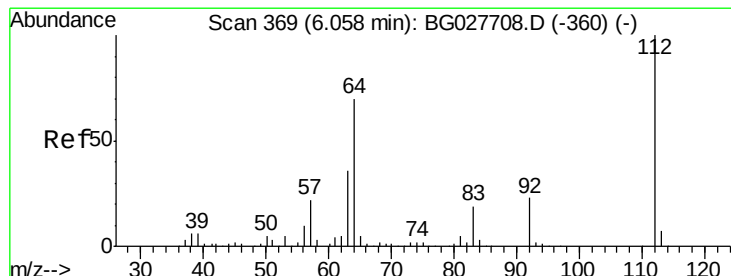
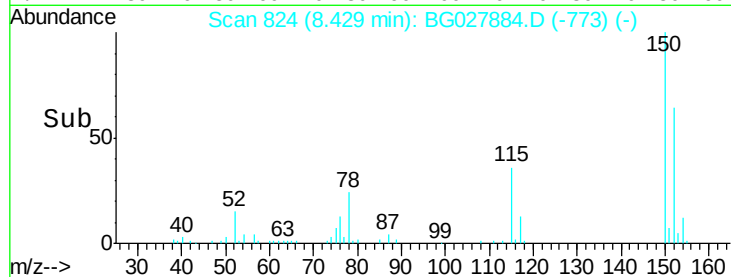
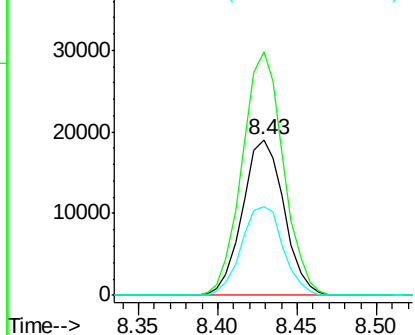
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.43 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG027884.D
Acq: 8 Jul 2017 1:17

Instrument :
BNA_G
ClientSampleId :
TR-05-070517-B

Tgt Ion:152 Resp: 34564
Ion Ratio Lower Upper
152 100
150 156.3 114.0 171.0
115 56.8 48.1 72.1



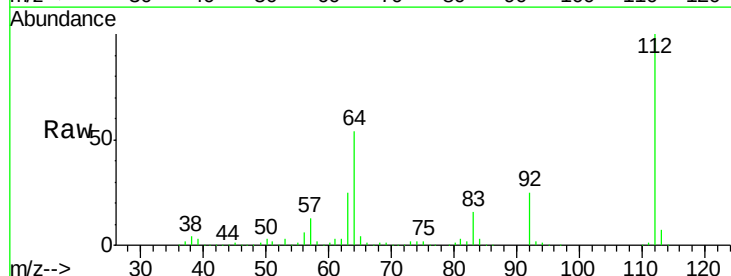
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



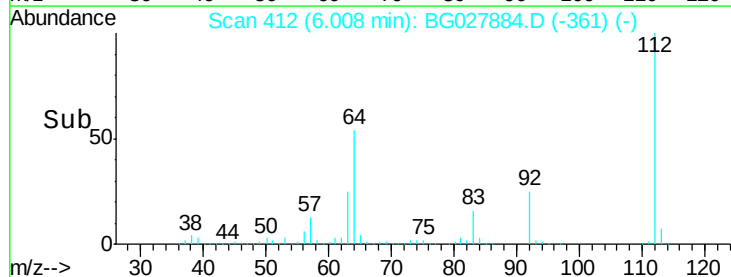
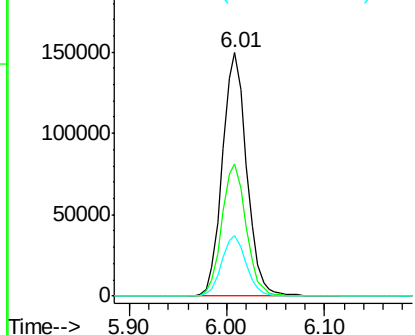
#5

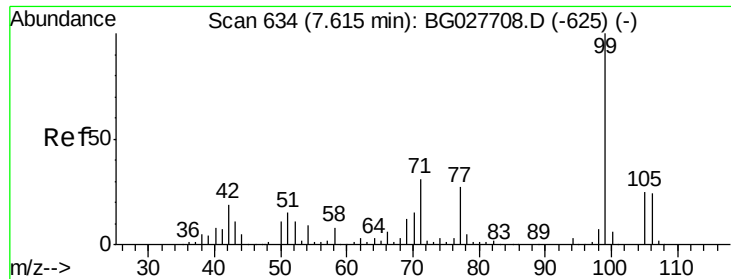
2-Fluorophenol
Concen: 115.081 ng
RT: 6.01 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027884.D
Acq: 8 Jul 2017 1:17

Tgt Ion:112 Resp: 258305
Ion Ratio Lower Upper
112 100
64 54.5 61.8 92.6#
63 24.8 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: 98.212 ng

RT: 7.58 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG027884.D

Acq: 8 Jul 2017 1:17

Instrument :

BNA_G

ClientSampleId :

TR-05-070517-B

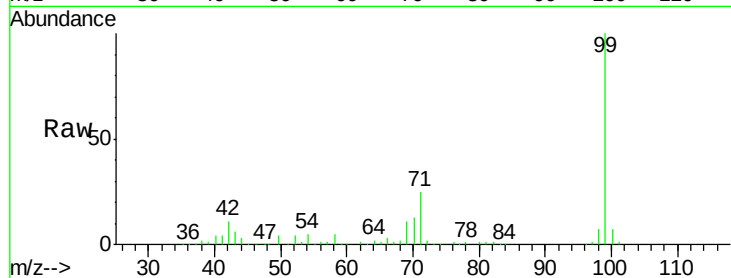
Tgt Ion: 99 Resp: 336768

Ion Ratio Lower Upper

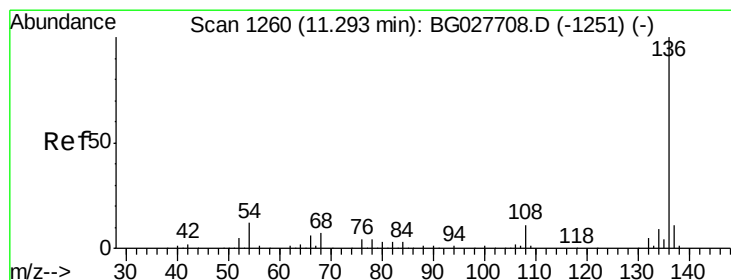
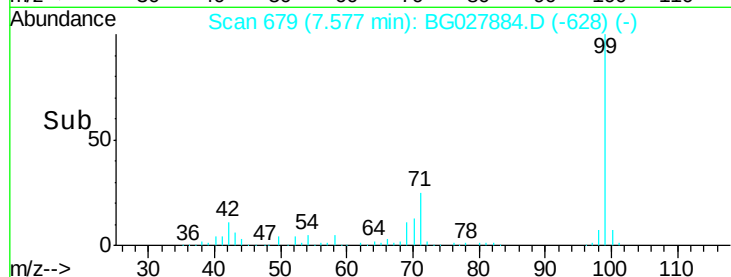
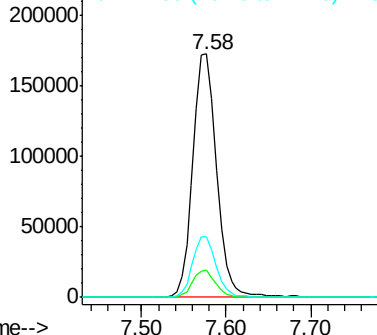
99 100

42 11.0 20.5 30.7#

71 24.9 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: 11.25 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG027884.D

Acq: 8 Jul 2017 1:17

Tgt Ion: 136 Resp: 153083

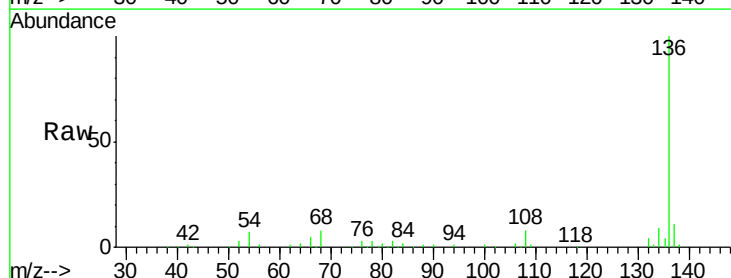
Ion Ratio Lower Upper

136 100

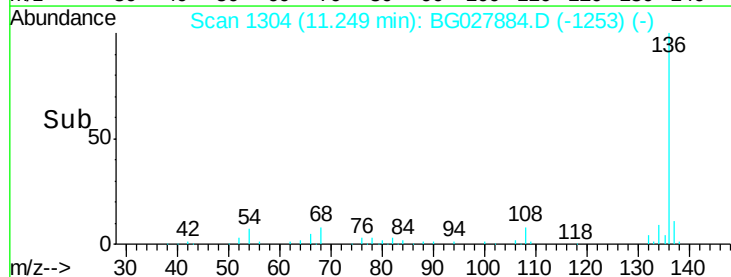
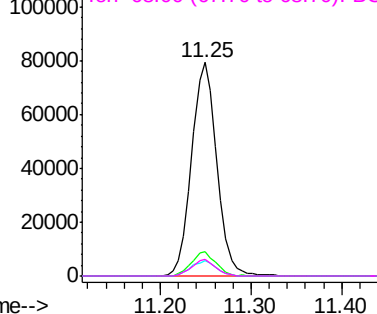
137 11.3 8.9 13.3

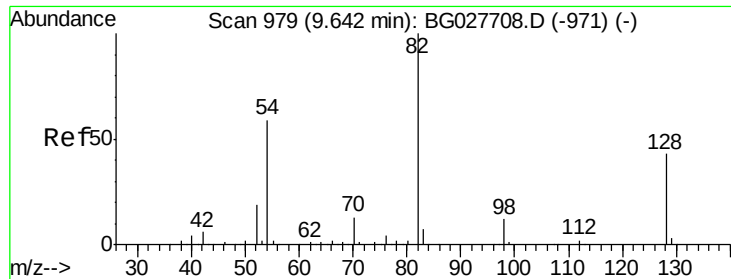
54 7.1 9.3 13.9#

68 7.6 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

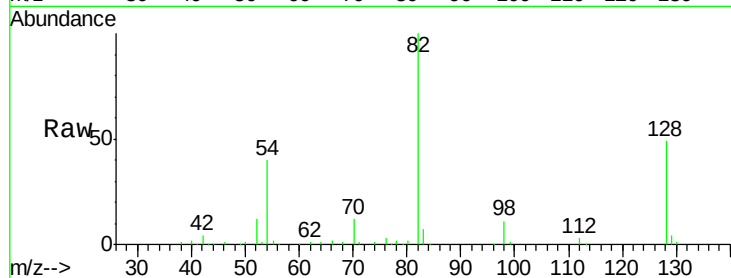




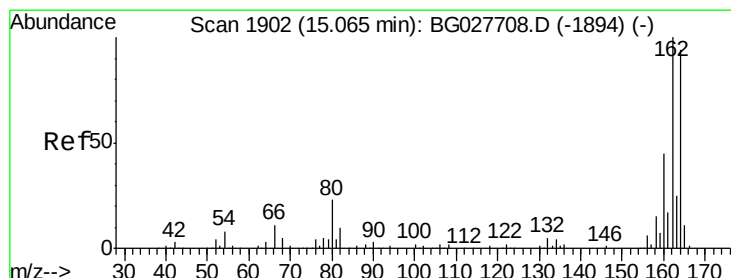
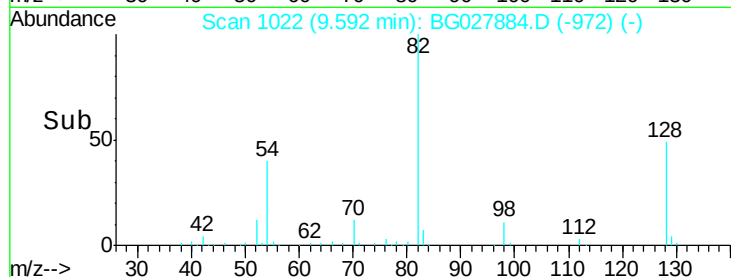
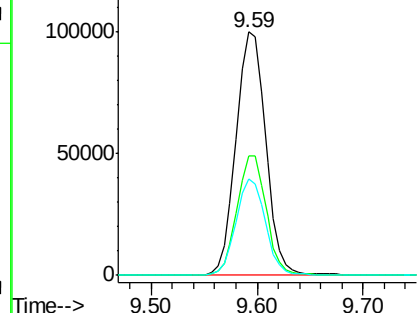
#23
 Nitrobenzene-d5
 Concen: 71.297 ng
 RT: 9.59 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG027884.D
 Acq: 8 Jul 2017 1:17

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-070517-B

Tgt Ion: 82 Resp: 195806
 Ion Ratio Lower Upper
 82 100
 128 49.1 26.4 39.6#
 54 39.5 49.4 74.2#

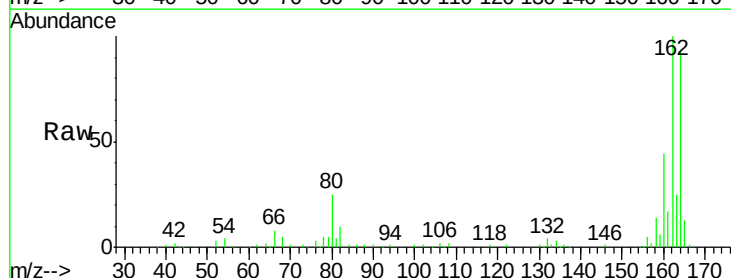


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

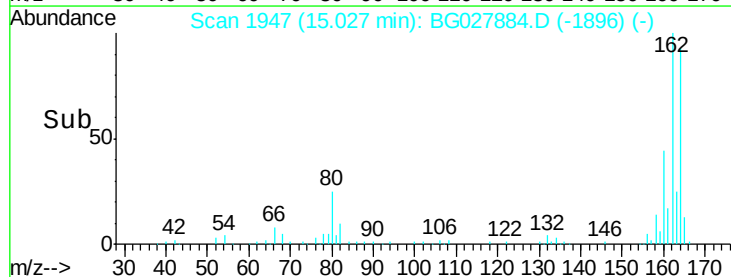
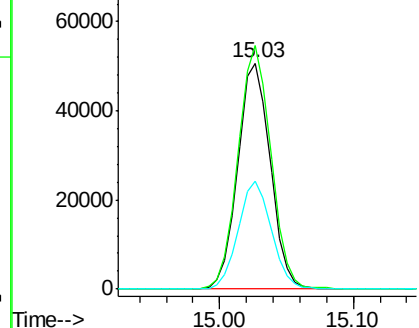


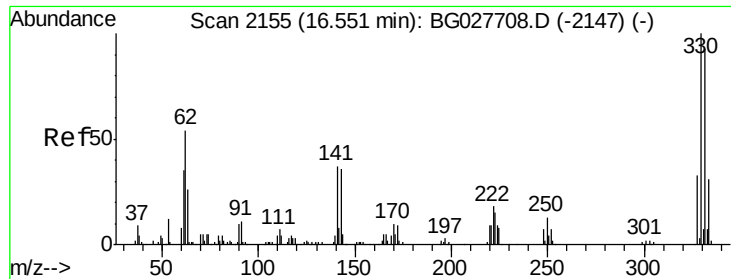
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.03 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BG027884.D
 Acq: 8 Jul 2017 1:17

Tgt Ion: 164 Resp: 85712
 Ion Ratio Lower Upper
 164 100
 162 107.8 85.1 127.7
 160 47.7 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

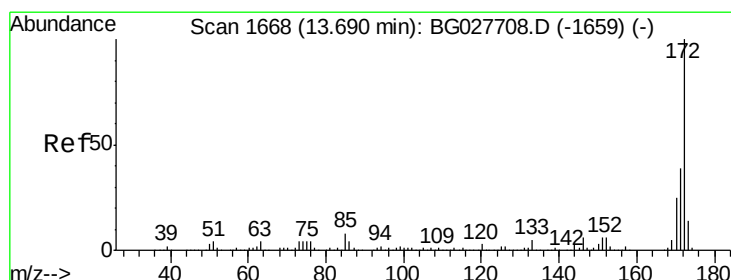
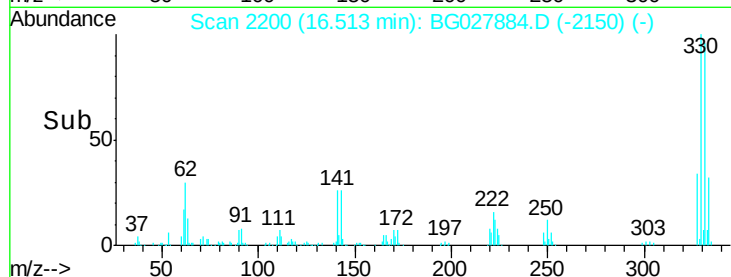
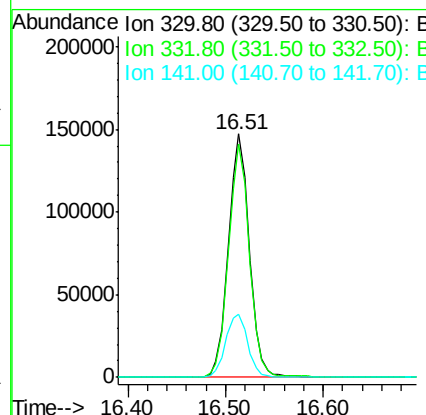
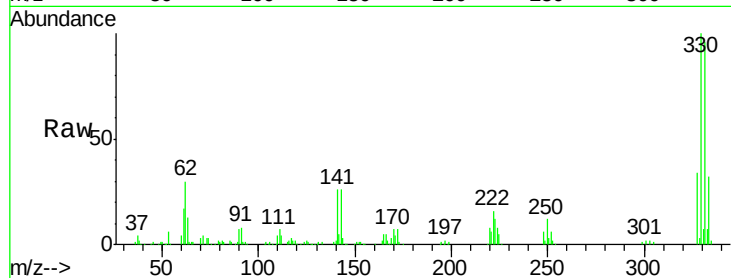




#41
 2,4,6-Tribromophenol
 Concen: 186.849 ng
 RT: 16.51 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG027884.D
 Acq: 8 Jul 2017 1:17

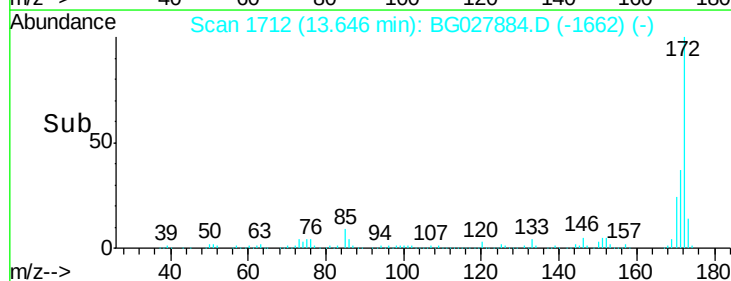
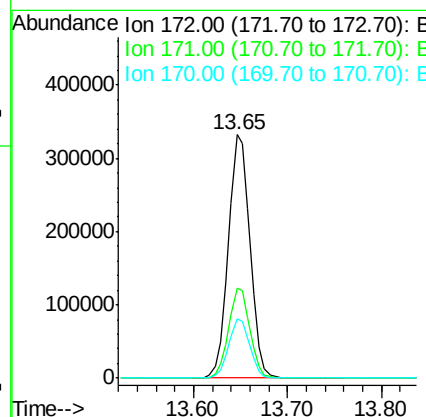
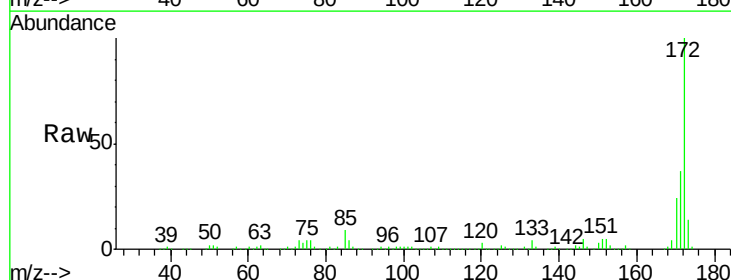
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-070517-B

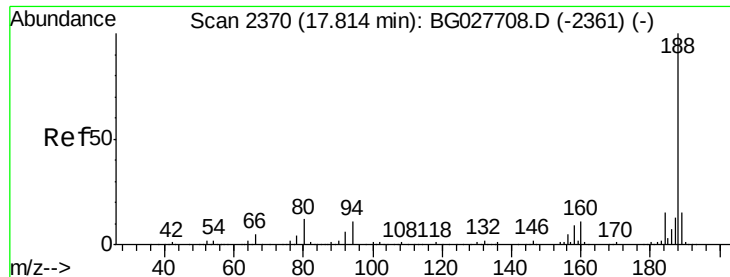
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	27.5	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 88.475 ng
 RT: 13.65 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG027884.D
 Acq: 8 Jul 2017 1:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	24.2	21.8	32.6

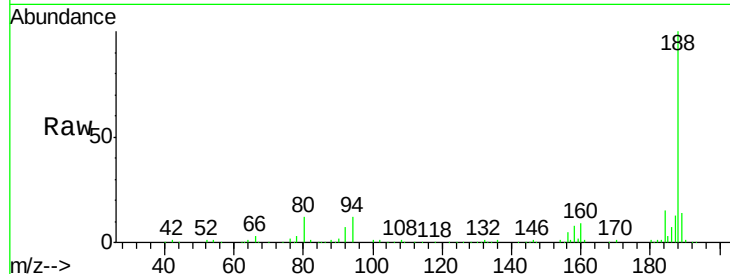




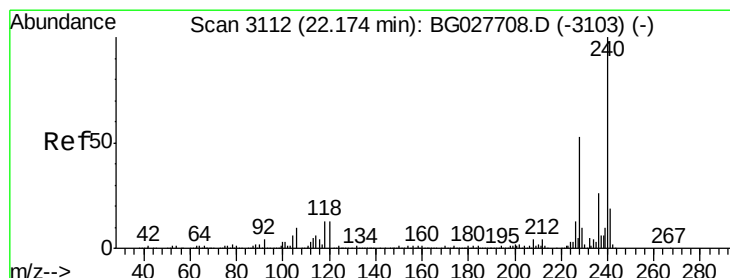
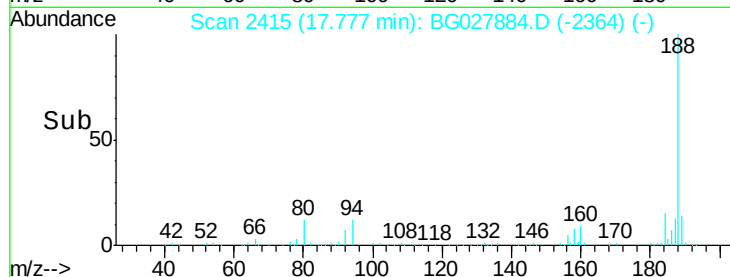
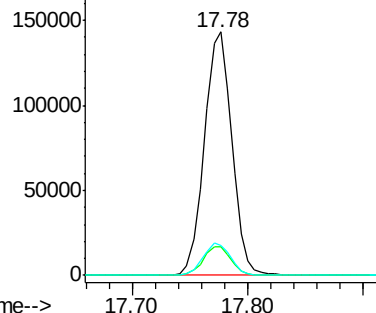
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.78 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG027884.D
Acq: 8 Jul 2017 1:17

Instrument :
BNA_G
ClientSampleId :
TR-05-070517-B

Tgt Ion:188 Resp: 235716
Ion Ratio Lower Upper
188 100
94 11.8 5.8 8.8#
80 12.5 7.5 11.3#

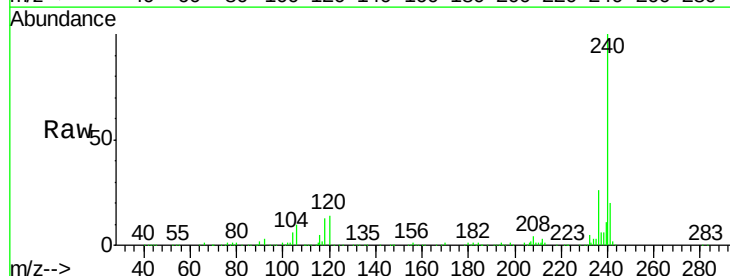


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

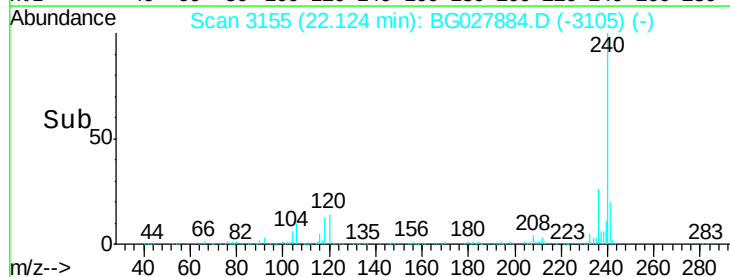
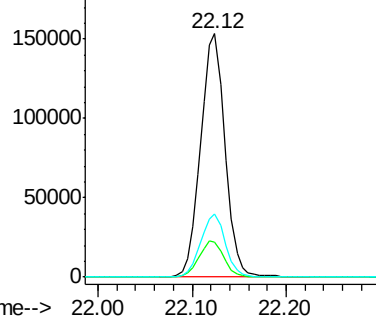


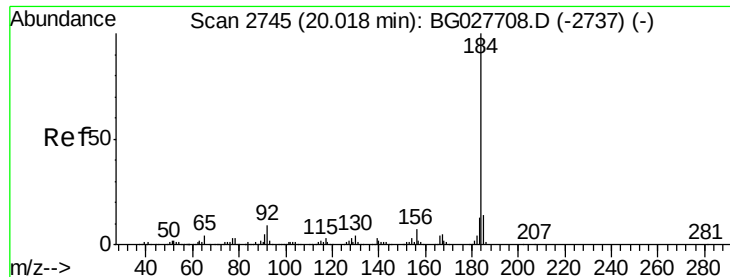
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.12 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG027884.D
Acq: 8 Jul 2017 1:17

Tgt Ion:240 Resp: 277471
Ion Ratio Lower Upper
240 100
120 14.3 5.7 8.5#
236 26.1 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: 9.664 ng

RT: 19.99 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG027884.D

Acq: 8 Jul 2017 1:17

Instrument :

BNA_G

ClientSampleId :

TR-05-070517-B

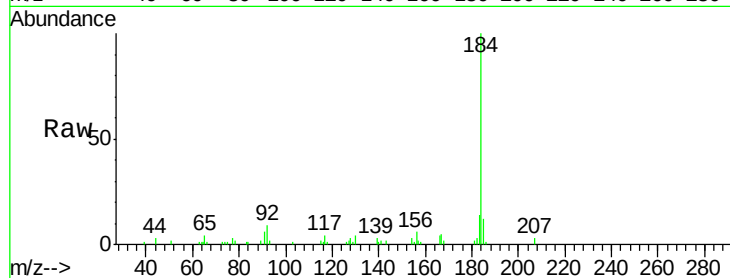
Tgt Ion:184 Resp: 45641

Ion Ratio Lower Upper

184 100

185 11.9 13.0 19.6#

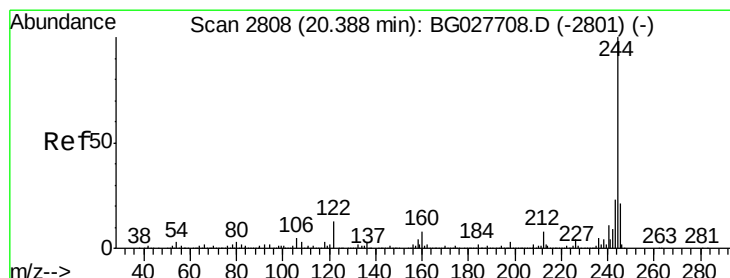
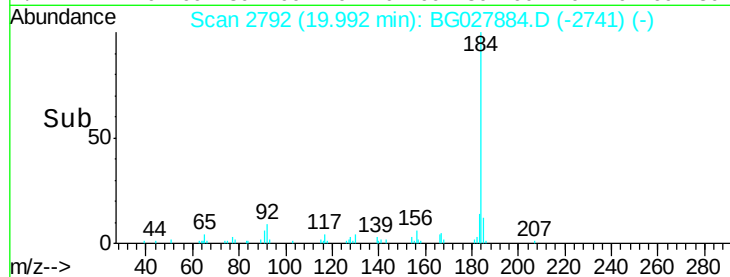
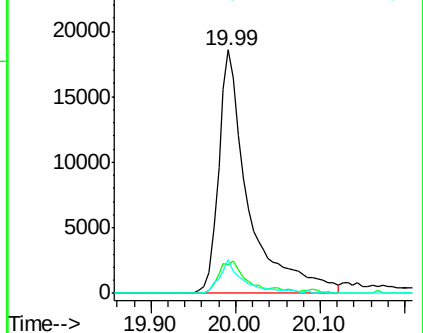
183 13.6 11.0 16.6



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: 105.835 ng

RT: 20.36 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG027884.D

Acq: 8 Jul 2017 1:17

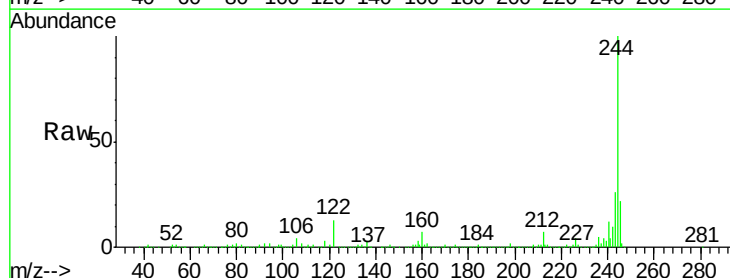
Tgt Ion:244 Resp: 1252626

Ion Ratio Lower Upper

244 100

212 6.6 10.0 15.0#

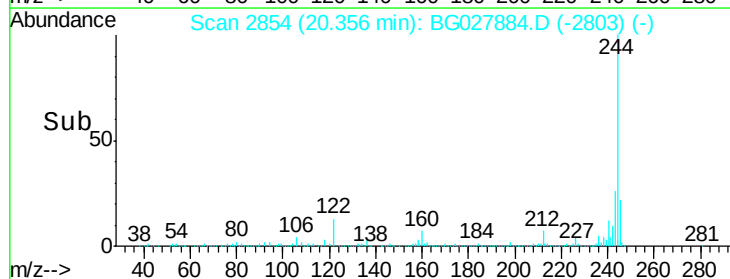
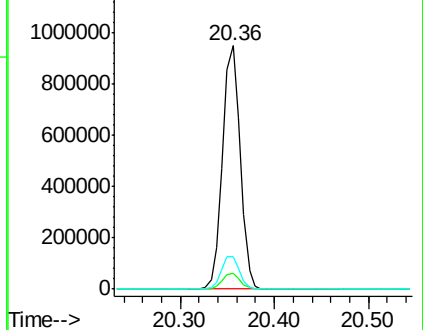
122 13.3 8.6 12.8#

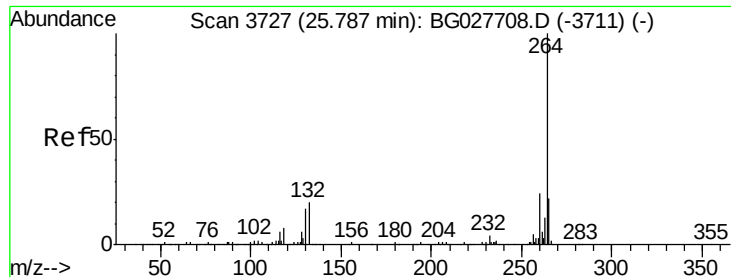


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.69 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG027884.D
Acq: 8 Jul 2017 1:17

Instrument :
BNA_G
ClientSampleId :
TR-05-070517-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	21.3	18.2	27.4

