

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070717\
 Data File : BG027886.D
 Acq On : 8 Jul 2017 2:36
 Operator : SJ/JU
 Sample : I4075-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 08 05:09:17 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

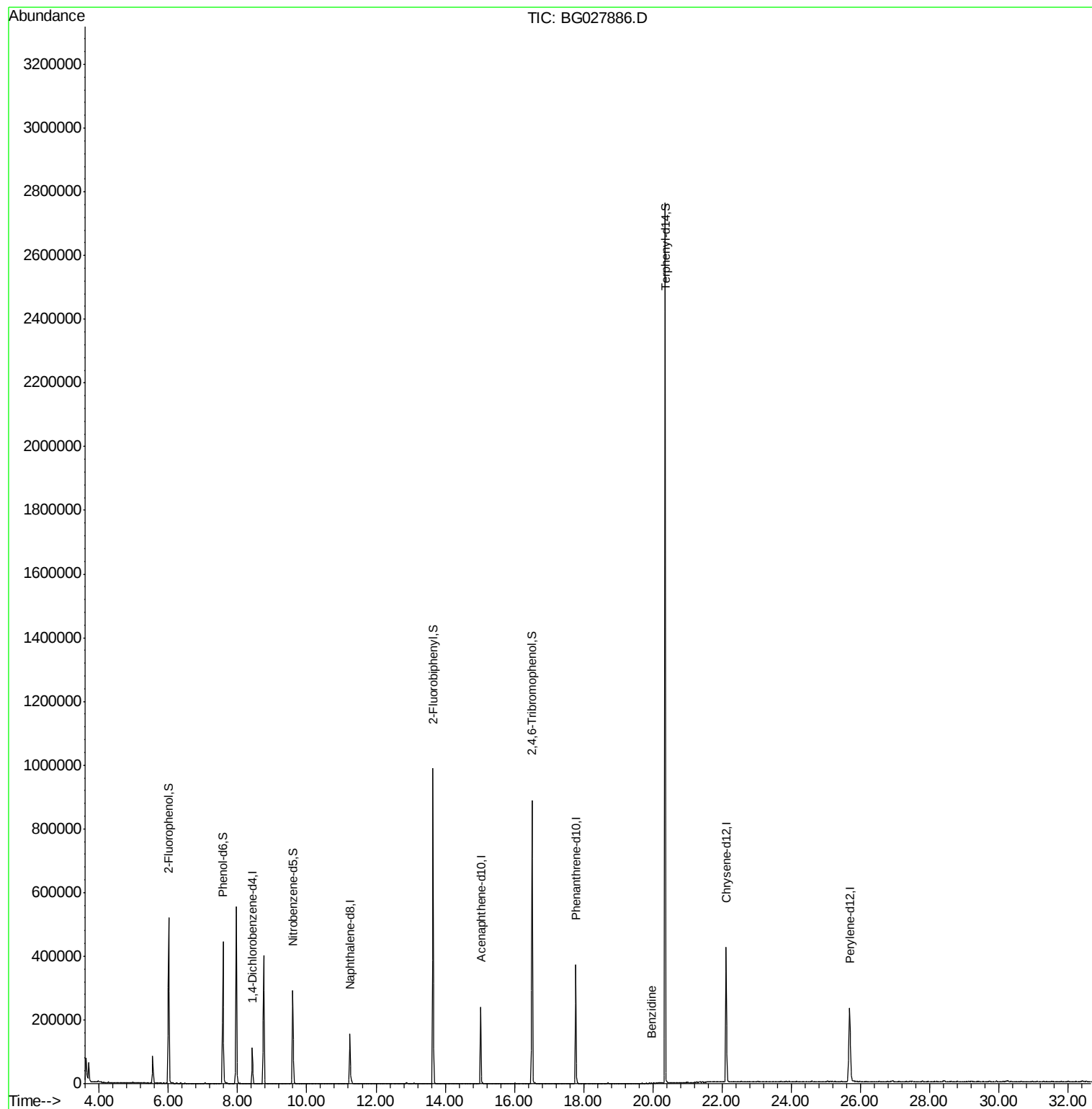
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	36863	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	160476	20.00	ng	0.00
38) Acenaphthene-d10	15.03	164	87147	20.00	ng	0.00
63) Phenanthrene-d10	17.78	188	240145	20.00	ng	0.00
75) Chrysene-d12	22.12	240	281954	20.00	ng	0.00
86) Perylene-d12	25.69	264	270427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	292635	122.24	ng	0.00
7) Phenol-d6	7.58	99	359899	98.41	ng	0.00
23) Nitrobenzene-d5	9.59	82	217758	75.64	ng	0.00
41) 2,4,6-Tribromophenol	16.51	330	218353	182.67	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	561071	91.95	ng	0.00
78) Terphenyl-d14	20.36	244	1215128	101.03	ng	0.00
Target Compounds						
76) Benzidine	19.96	184	219	3.25	ng	Qvalue # 64

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

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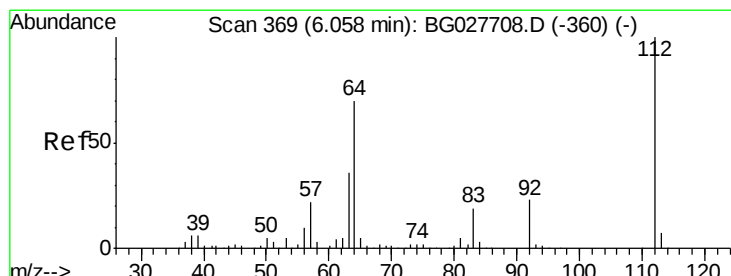
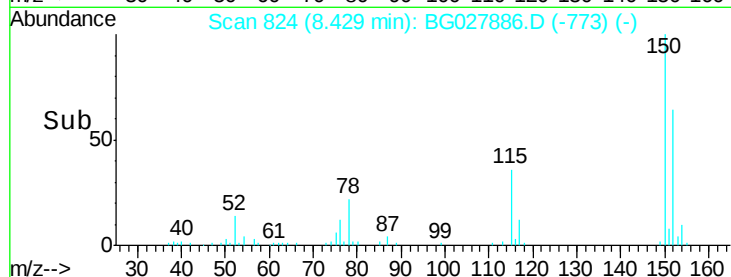
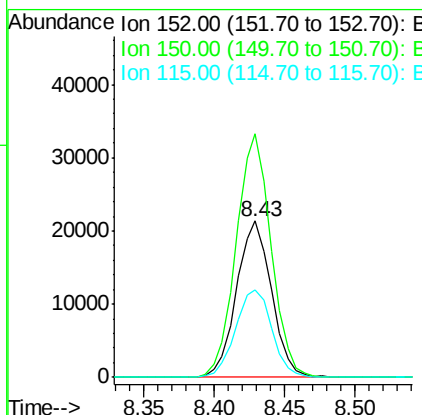
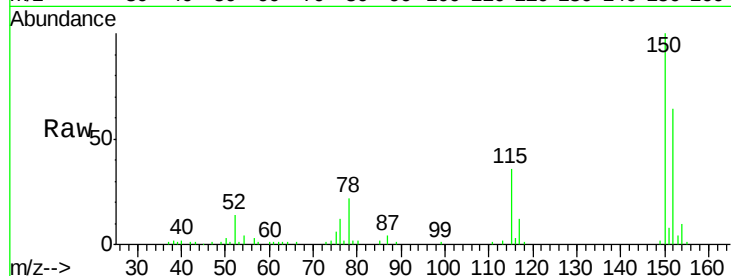




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.43 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BG027886.D
 Acq: 8 Jul 2017 2:36

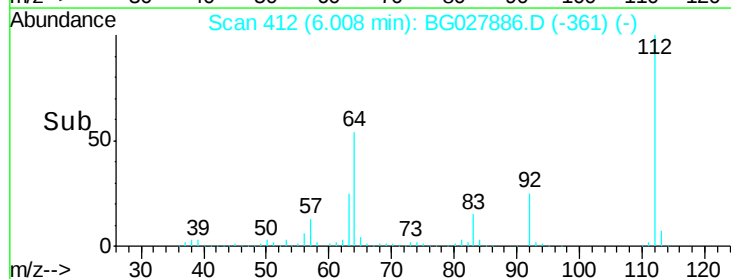
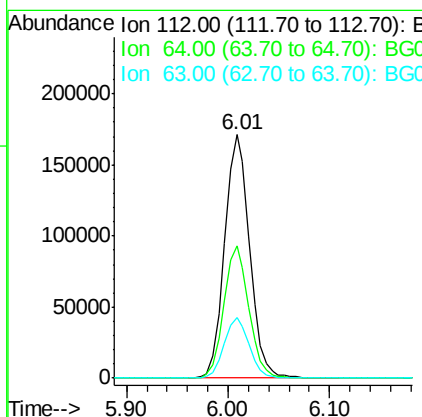
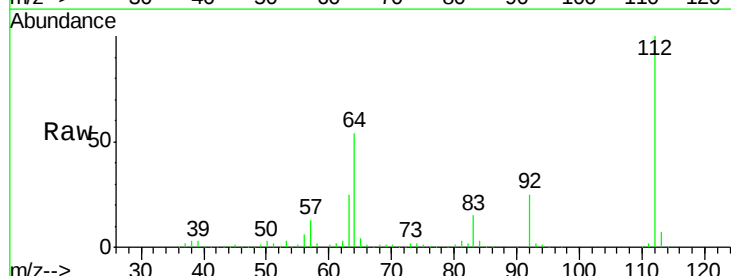
Instrument :
 BNA_G
 ClientSampleId :

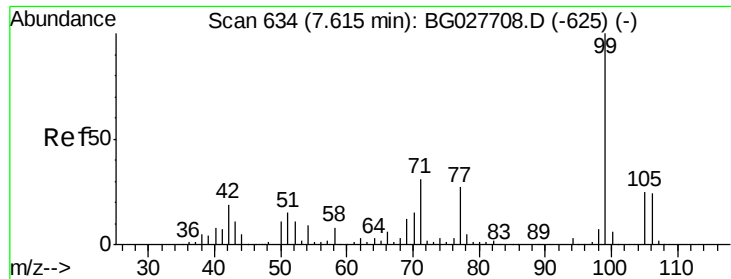
Tot Ion:152 Resp: 36863
 Ion Ratio Lower Upper
 152 100
 150 155.8 114.0 171.0
 115 56.2 48.1 72.1



#5
 2-Fluorophenol
 Concen: 122.24 ng
 RT: 6.01 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BG027886.D
 Acq: 8 Jul 2017 2:36

Tgt Ion:112 Resp: 292635
 Ion Ratio Lower Upper
 112 100
 64 54.4 61.8 92.6#
 63 25.0 37.2 55.8#





#7

Phenol-d6

Concen: 98.41 ng

RT: 7.58 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG027886.D

Acq: 8 Jul 2017 2:36

Instrument :

BNA_G

ClientSampleId :

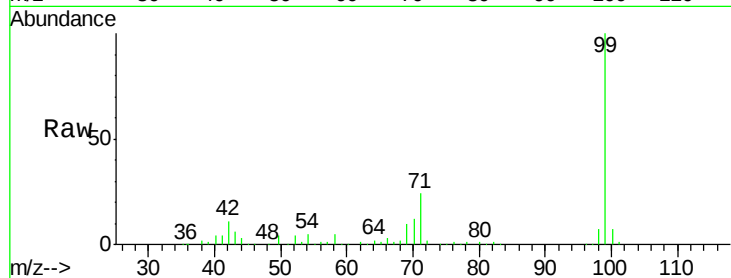
Tot Ion: 99 Resp: 359899

Ion Ratio Lower Upper

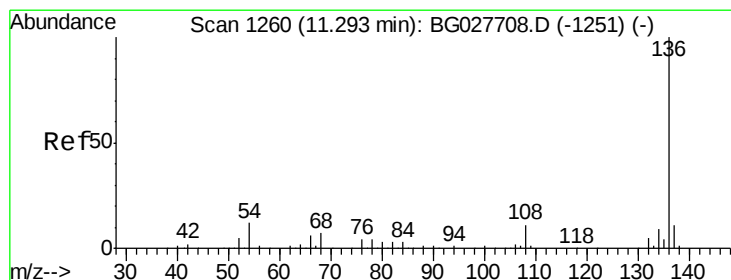
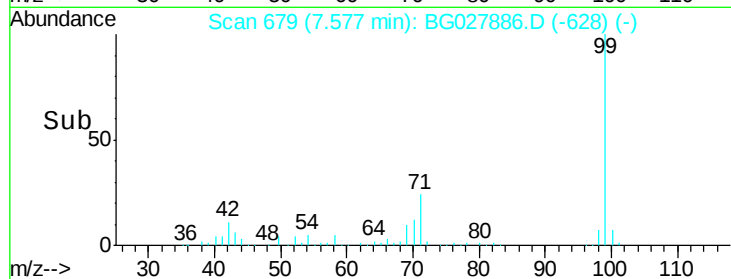
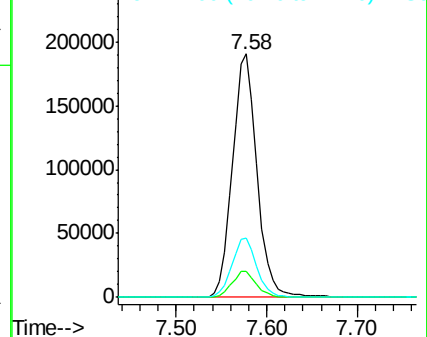
99 100

42 10.7 20.5 30.7#

71 24.5 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: 11.25 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG027886.D

Acq: 8 Jul 2017 2:36

Tgt Ion: 136 Resp: 160476

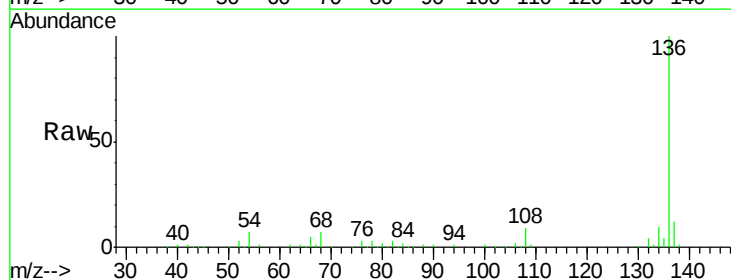
Ion Ratio Lower Upper

136 100

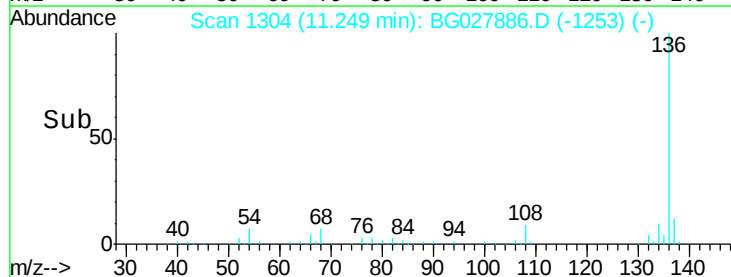
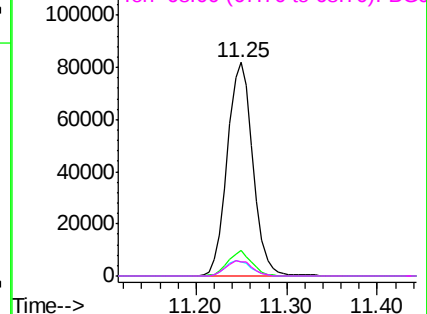
137 11.9 8.9 13.3

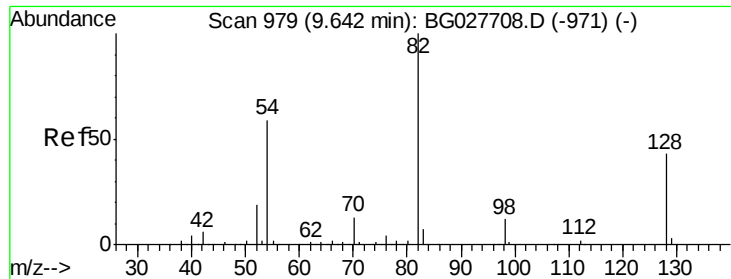
54 6.8 9.3 13.9#

68 6.8 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

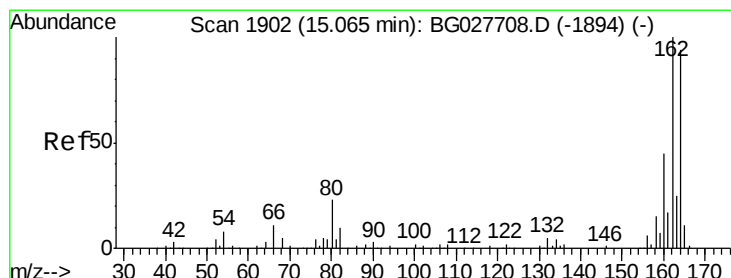
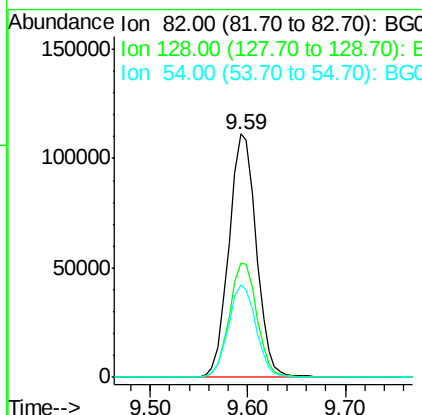
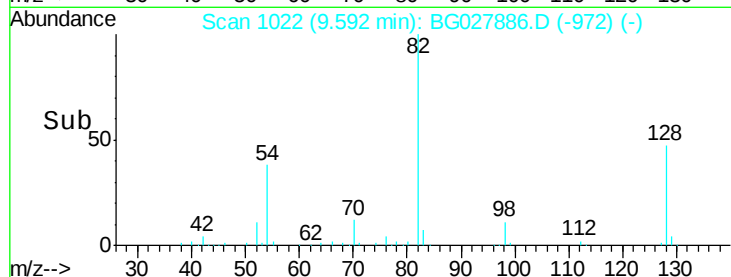
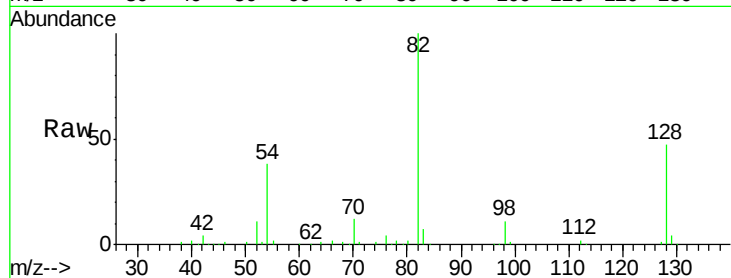




#23
Nitrobenzene-d5
Concen: 75.64 ng
RT: 9.59 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG027886.D
Acq: 8 Jul 2017 2:36

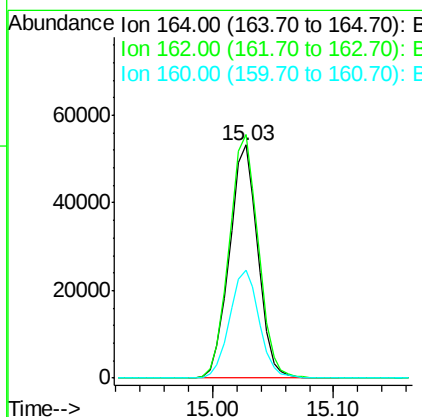
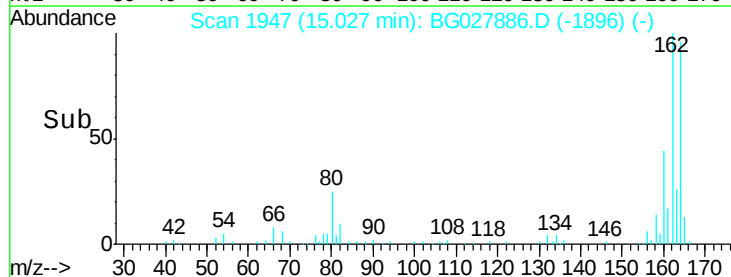
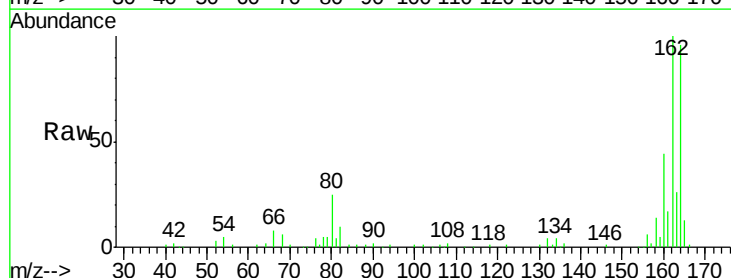
Instrument :
BNA_G
ClientSampled :

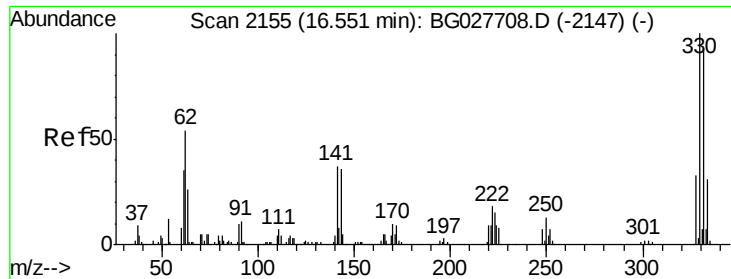
Tot Ion: 82 Resp: 217758
Ion Ratio Lower Upper
82 100
128 47.2 26.4 39.6#
54 37.9 49.4 74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG027886.D
Acq: 8 Jul 2017 2:36

Tgt Ion:164 Resp: 87147
Ion Ratio Lower Upper
164 100
162 104.5 85.1 127.7
160 46.5 34.7 52.1

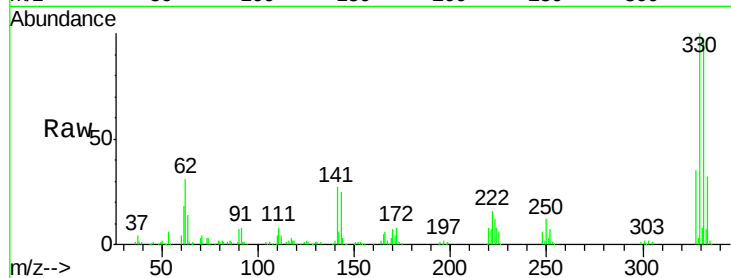




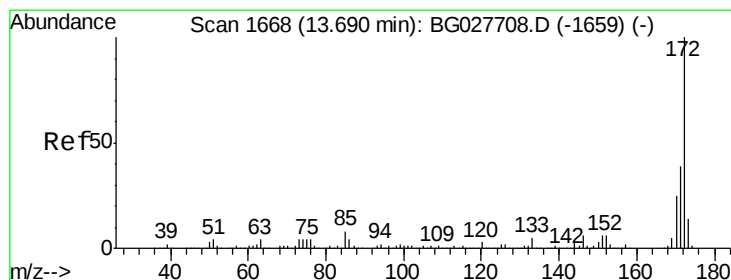
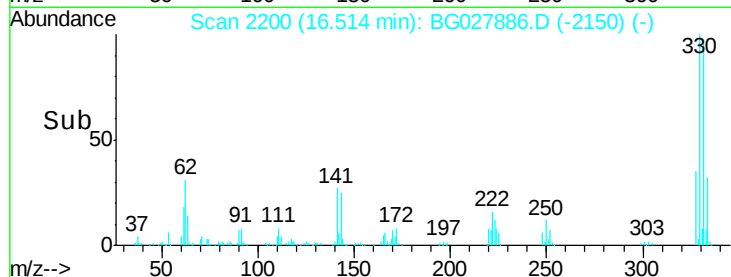
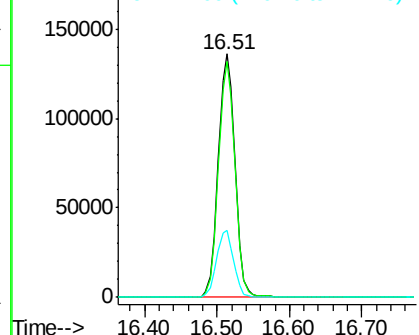
#41
 2,4,6-Tribromophenol
 Concen: 182.67 ng
 RT: 16.51 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG027886.D
 Acq: 8 Jul 2017 2:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 218353
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.3 115.9
 141 28.0 32.1 48.1#

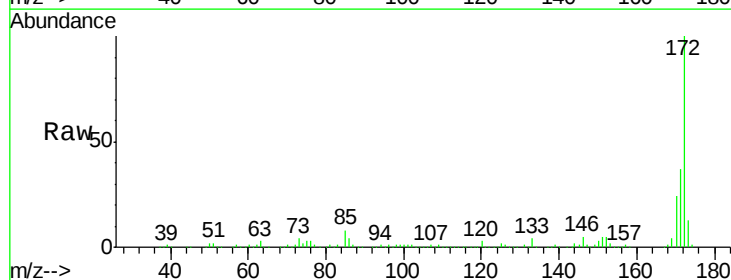


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

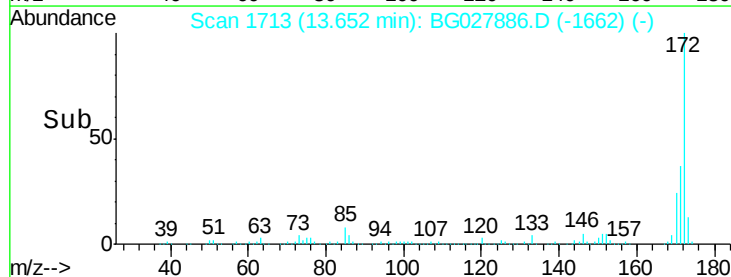
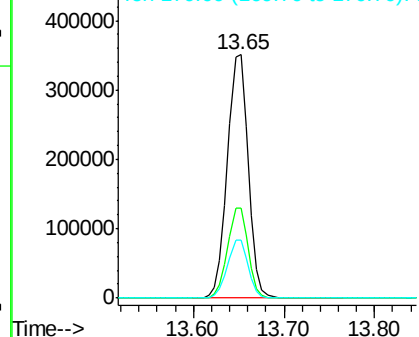


#44
 2-Fluorobiphenyl
 Concen: 91.95 ng
 RT: 13.65 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG027886.D
 Acq: 8 Jul 2017 2:36

Tgt Ion:172 Resp: 561071
 Ion Ratio Lower Upper
 172 100
 171 36.9 32.2 48.2
 170 23.8 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

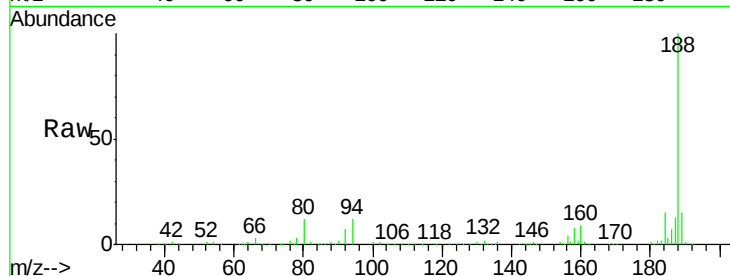




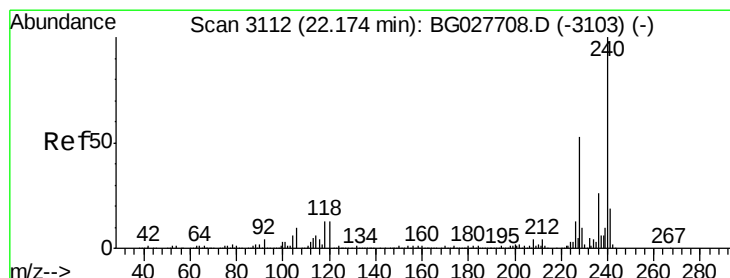
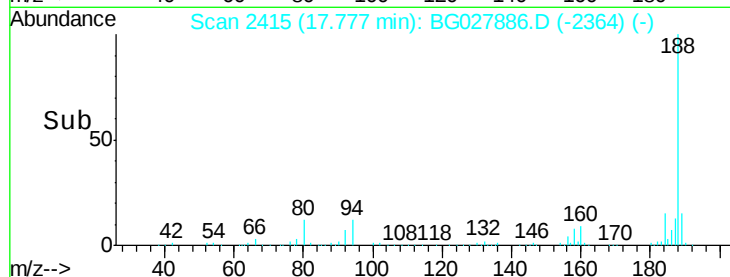
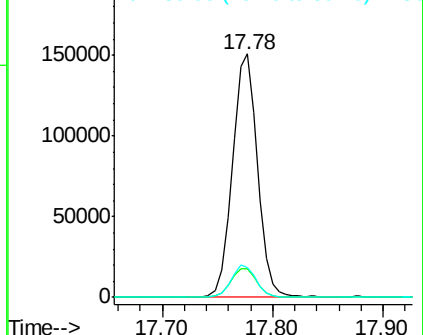
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.78 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG027886.D
Acq: 8 Jul 2017 2:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 240145
Ion Ratio Lower Upper
188 100
94 12.0 5.8 8.8#
80 12.4 7.5 11.3#

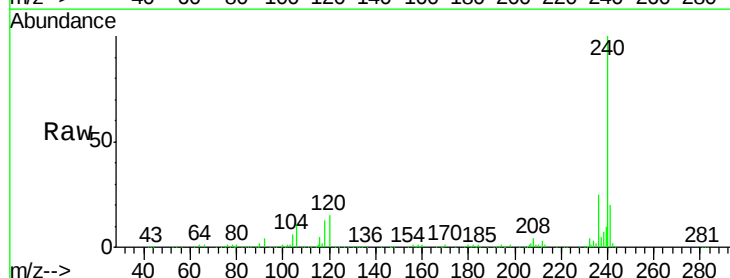


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

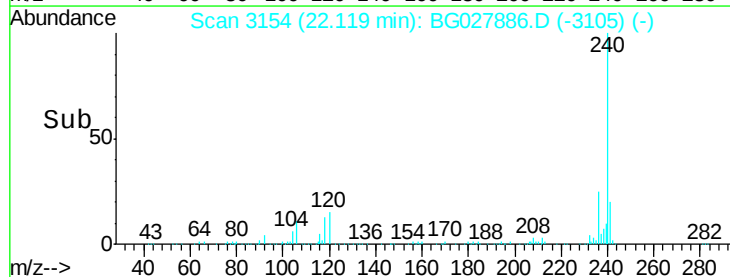
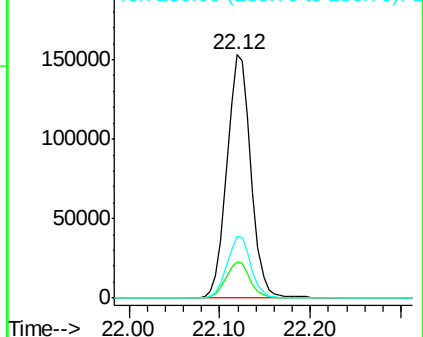


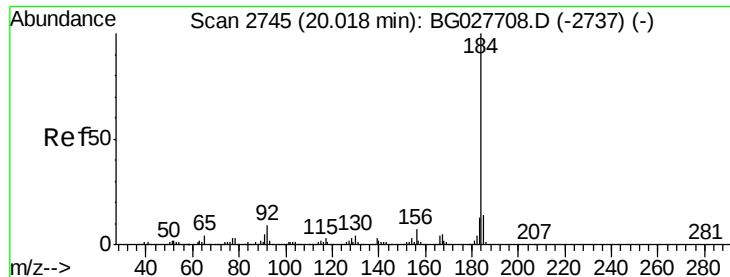
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.12 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG027886.D
Acq: 8 Jul 2017 2:36

Tgt Ion:240 Resp: 281954
Ion Ratio Lower Upper
240 100
120 14.7 5.7 8.5#
236 25.5 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

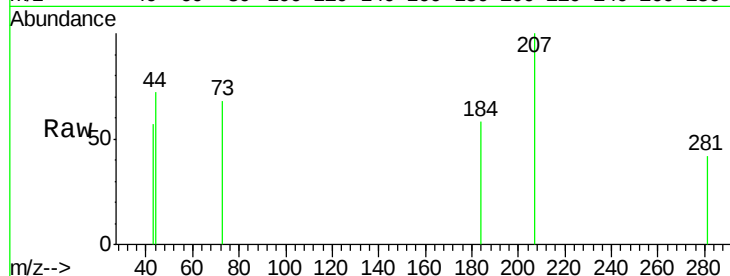




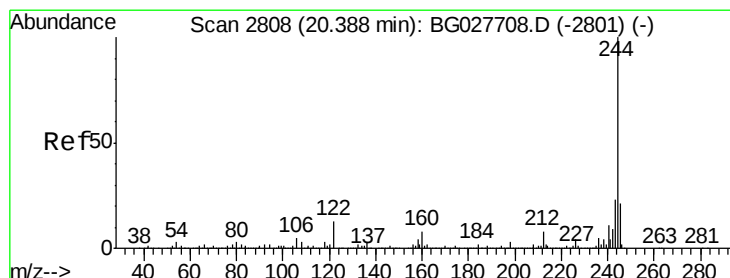
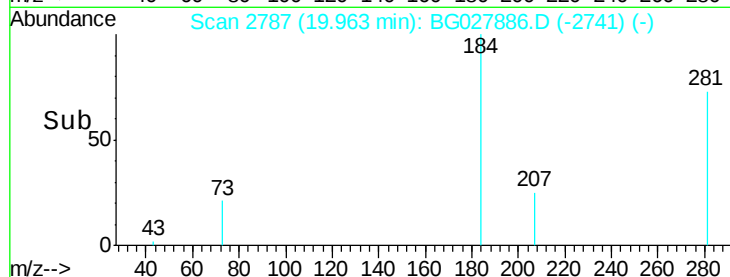
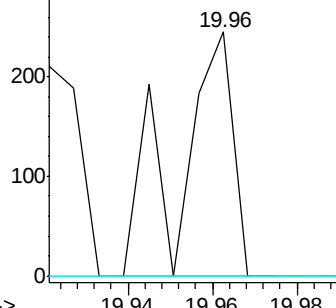
#76
Benzidine
Concen: 3.25 ng
RT: 19.96 min Scan# 2787
Delta R.T. -0.03 min
Lab File: BG027886.D
Acq: 8 Jul 2017 2:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 219
Ion Ratio Lower Upper
184 100
185 0.0 13.0 19.6#
183 0.0 11.0 16.6#

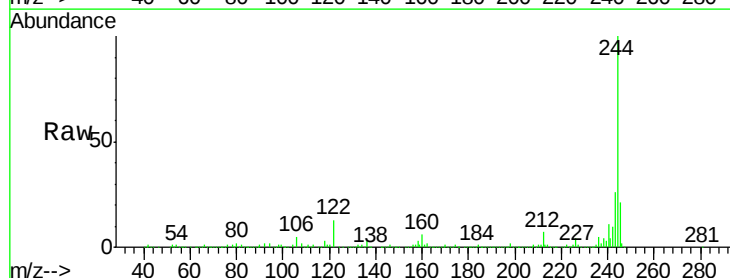


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

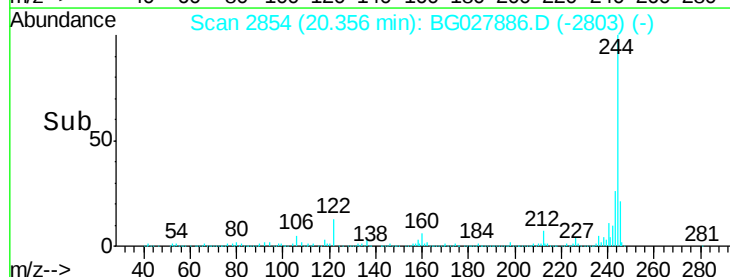
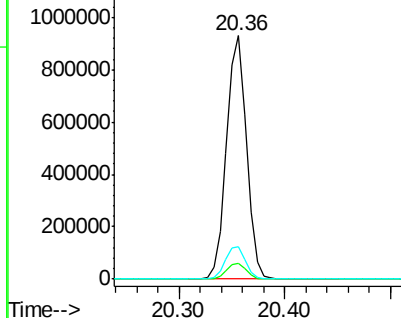


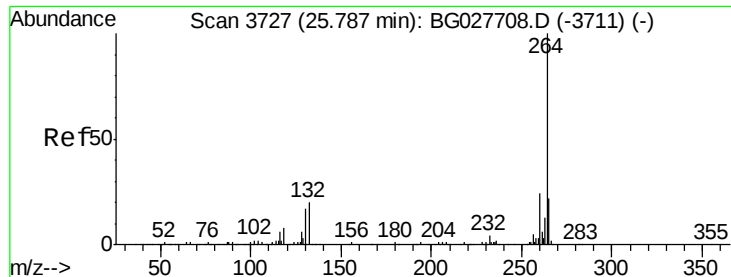
#78
Terphenyl-d14
Concen: 101.03 ng
RT: 20.36 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG027886.D
Acq: 8 Jul 2017 2:36

Tgt Ion:244 Resp: 1215128
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
Pervlene-d12
Concen: 20.00 ng
RT: 25.69 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG027886.D
Acq: 8 Jul 2017 2:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	21.1	18.2	27.4

