

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070717\
 Data File : BG027878.D
 Acq On : 7 Jul 2017 21:18
 Operator : SJ/JU
 Sample : I4070-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-070517-A

Quant Time: Jul 08 02:13:09 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

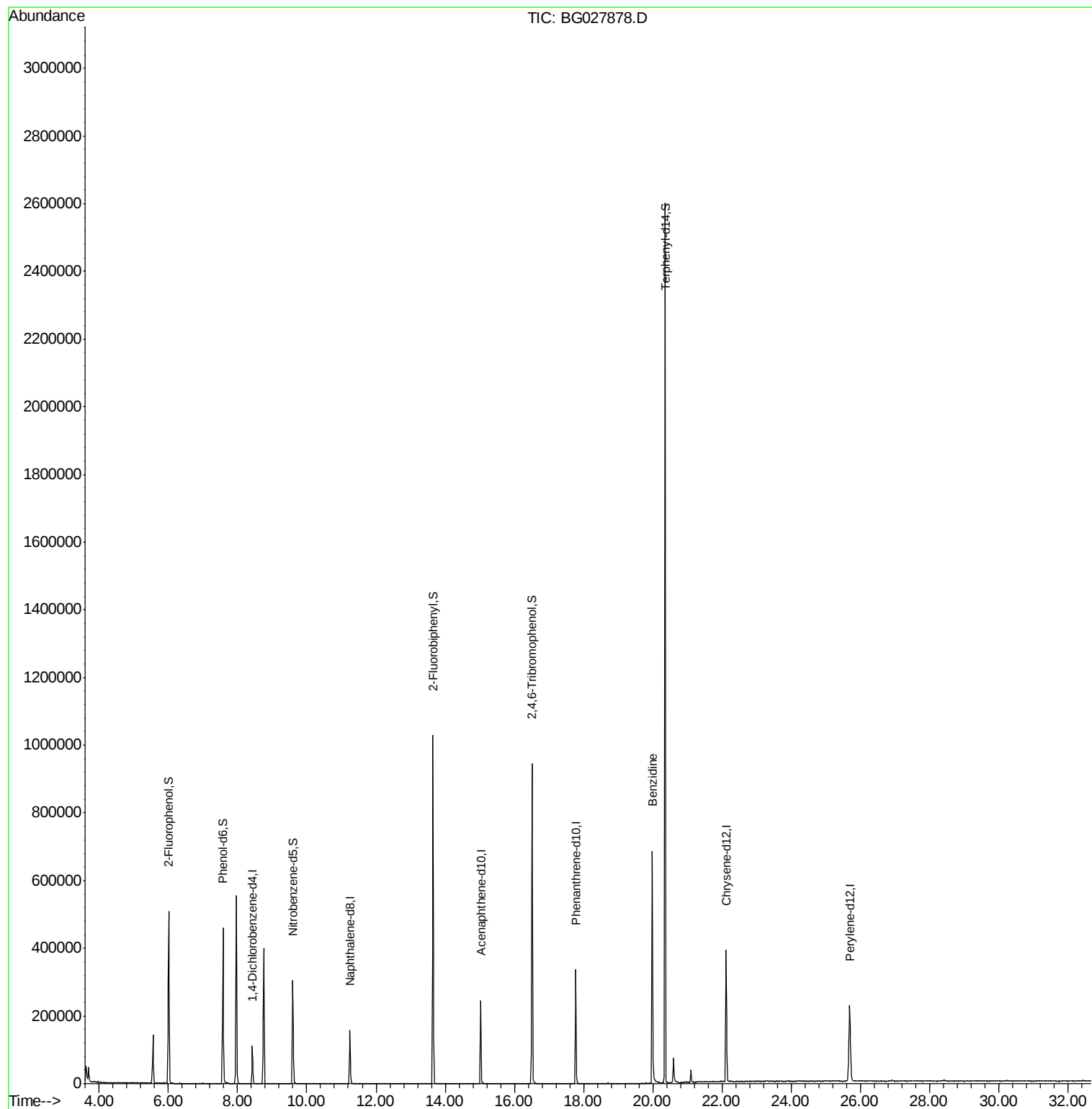
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	36425	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	158657	20.00	ng	0.00
38) Acenaphthene-d10	15.03	164	87821	20.00	ng	0.00
63) Phenanthrene-d10	17.78	188	222059	20.00	ng	0.00
75) Chrysene-d12	22.12	240	261908	20.00	ng	0.00
86) Perylene-d12	25.69	264	251155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	286080	120.94	ng	0.00
7) Phenol-d6	7.58	99	370461	102.52	ng	0.00
23) Nitrobenzene-d5	9.60	82	221897	77.96	ng	0.00
41) 2,4,6-Tribromophenol	16.51	330	214987	178.48	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	592933	96.42	ng	0.00
78) Terphenyl-d14	20.36	244	1145972	102.58	ng	0.00
Target Compounds						
76) Benzidine	19.99	184	475545	74.383	ng	Qvalue 97

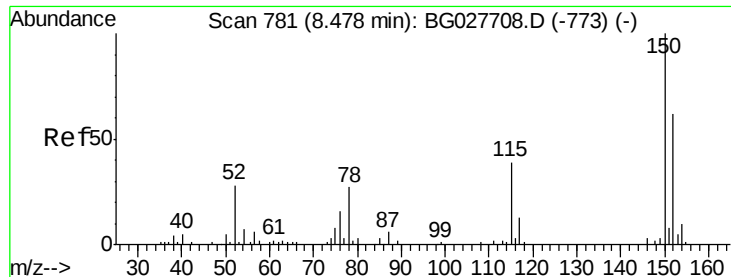
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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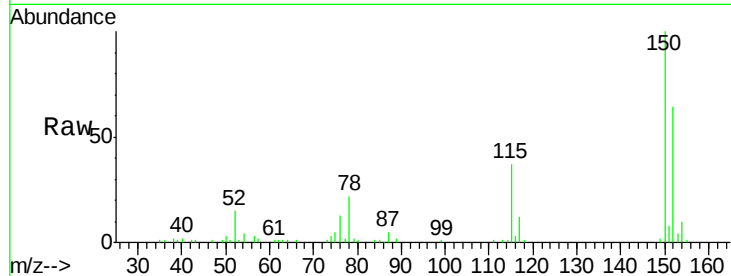


#1

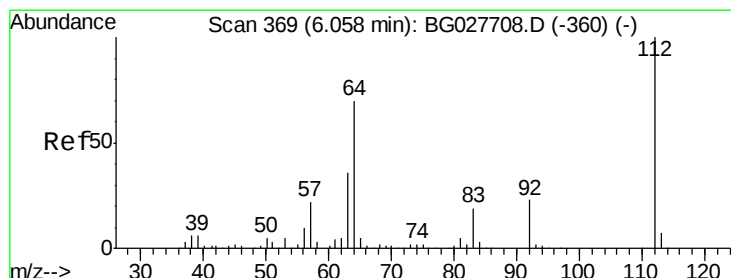
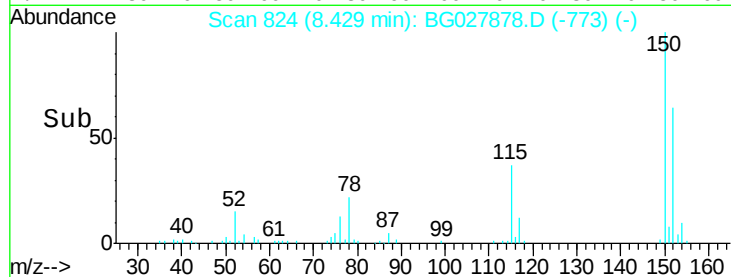
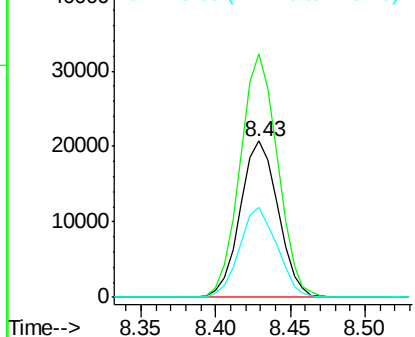
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.43 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG027878.D
Acq: 7 Jul 2017 21:18

Instrument :
BNA_G
ClientSampleId :
AU-05-070517-A

Tgt Ion:152 Resp: 36425
Ion Ratio Lower Upper
152 100
150 156.1 114.0 171.0
115 57.9 48.1 72.1



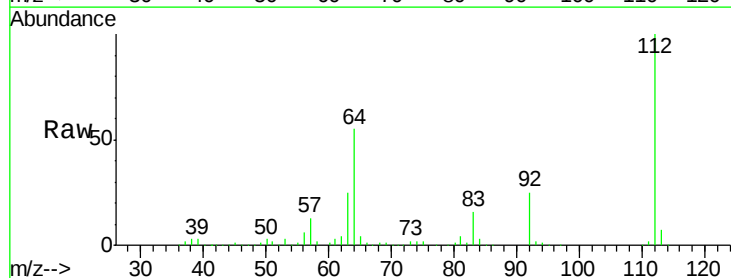
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



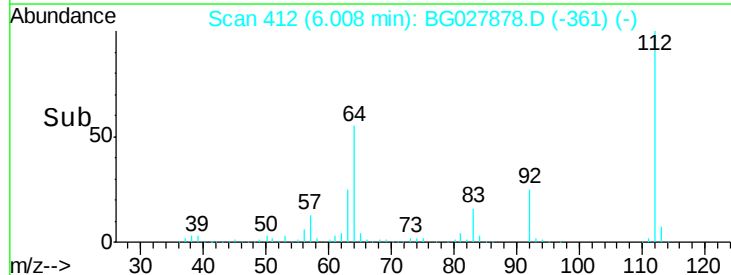
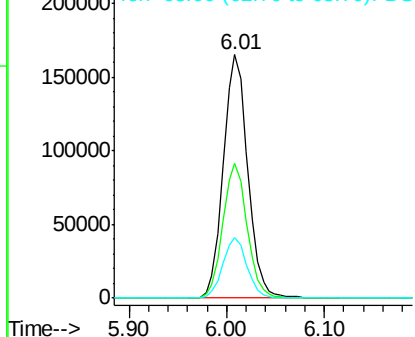
#5

2-Fluorophenol
Concen: 120.944 ng
RT: 6.01 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027878.D
Acq: 7 Jul 2017 21:18

Tgt Ion:112 Resp: 286080
Ion Ratio Lower Upper
112 100
64 55.3 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: 102.518 ng

RT: 7.58 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG027878.D

Acq: 7 Jul 2017 21:18

Instrument :

BNA_G

ClientSampleId :

AU-05-070517-A

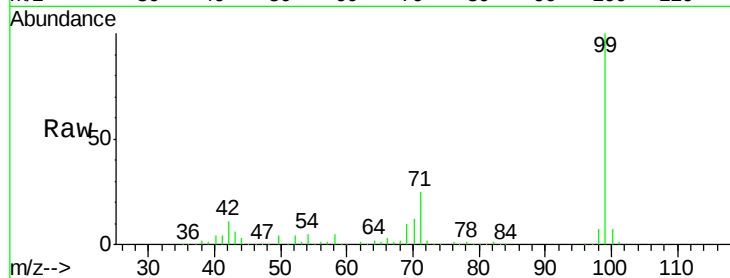
Tgt Ion: 99 Resp: 370461

Ion Ratio Lower Upper

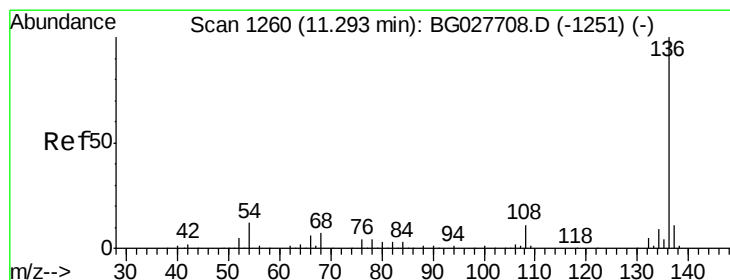
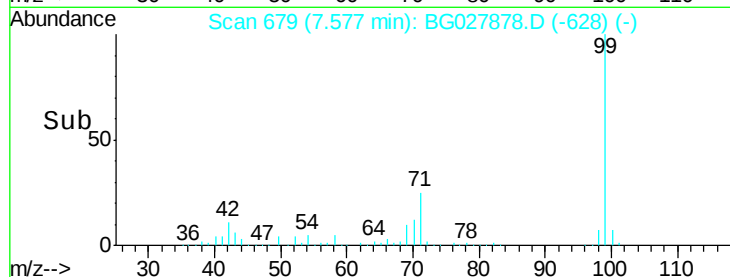
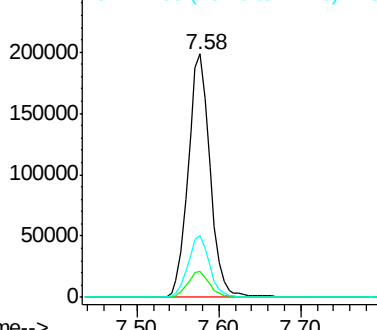
99 100

42 10.5 20.5 30.7#

71 25.2 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: BG027878.D

Acq: 7 Jul 2017 21:18

Tgt Ion: 136 Resp: 158657

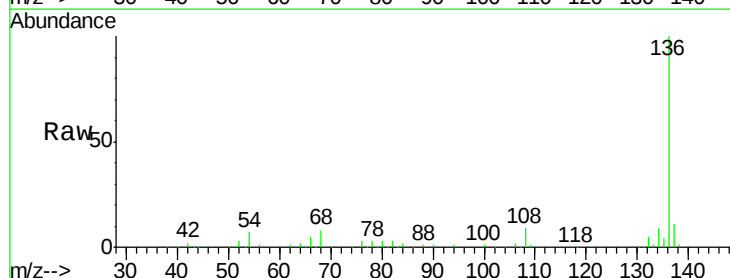
Ion Ratio Lower Upper

136 100

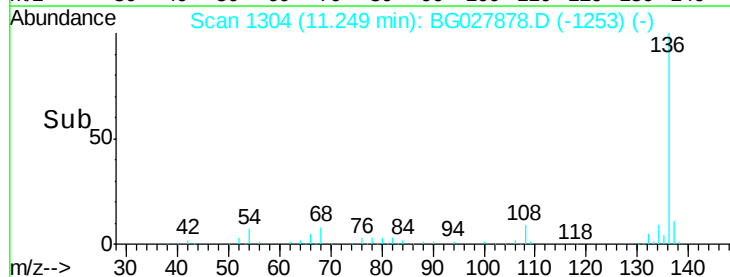
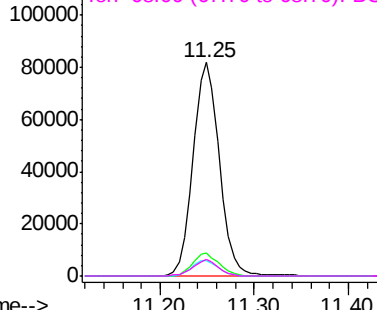
137 10.8 8.9 13.3

54 7.1 9.3 13.9#

68 7.9 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

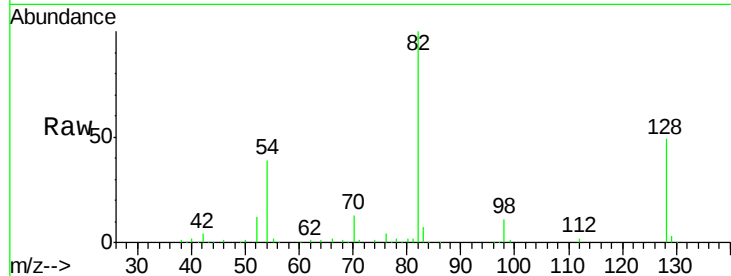




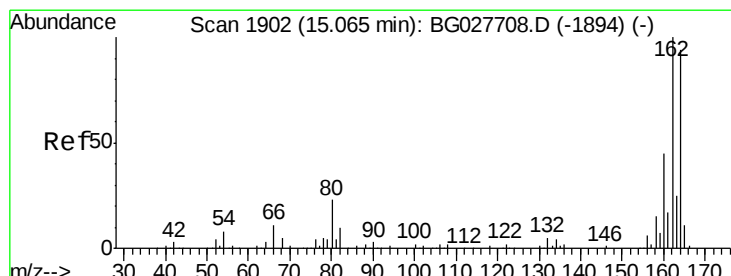
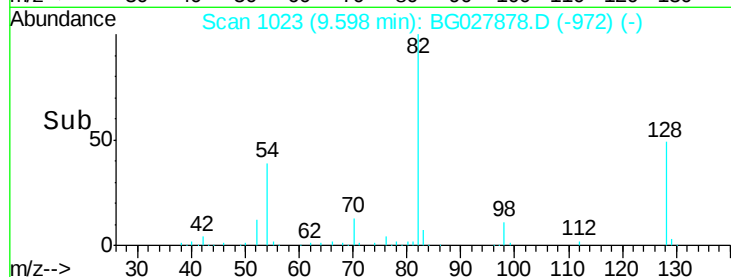
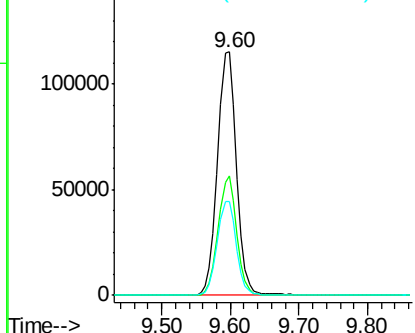
#23
Nitrobenzene-d5
Concen: 77.959 ng
RT: 9.60 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG027878.D
Acq: 7 Jul 2017 21:18

Instrument :
BNA_G
ClientSampleId :
AU-05-070517-A

Tgt Ion: 82 Resp: 221897
Ion Ratio Lower Upper
82 100
128 48.9 26.4 39.6#
54 38.7 49.4 74.2#

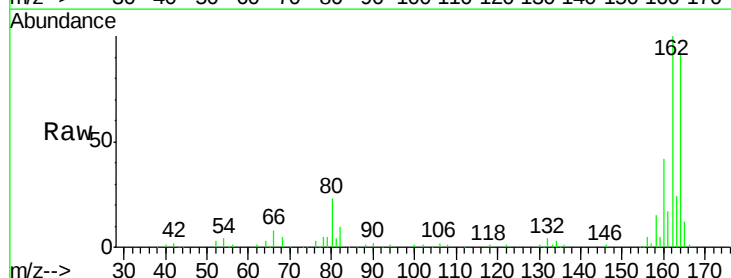


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

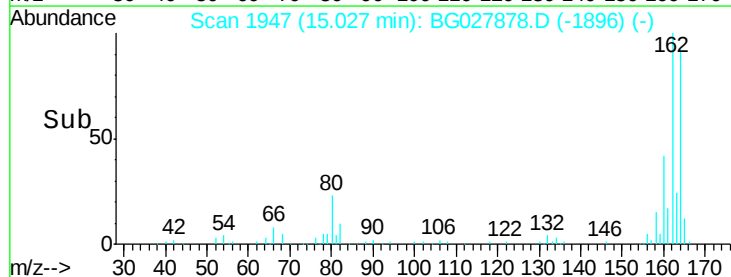
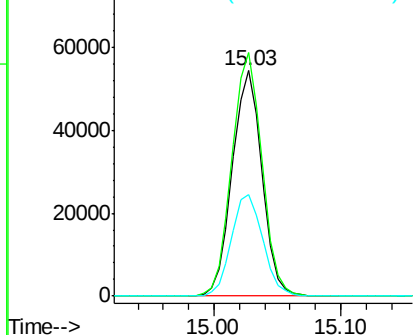


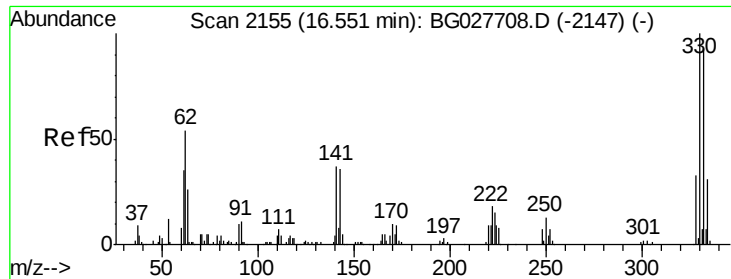
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG027878.D
Acq: 7 Jul 2017 21:18

Tgt Ion: 164 Resp: 87821
Ion Ratio Lower Upper
164 100
162 108.2 85.1 127.7
160 45.3 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

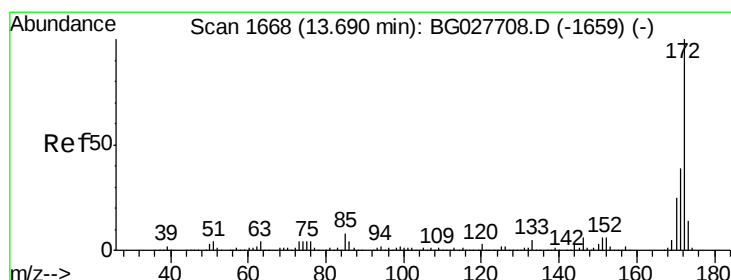
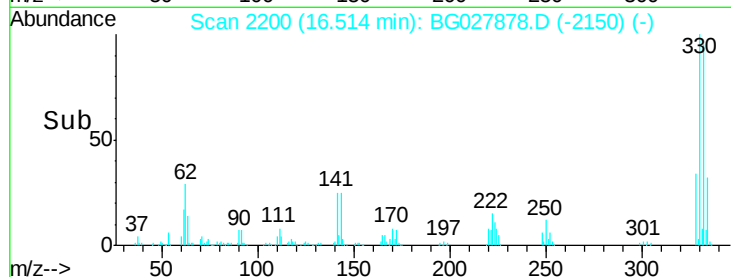
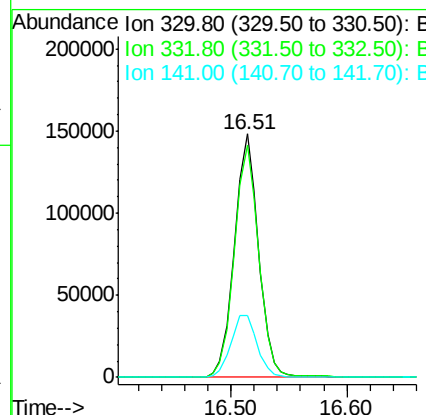
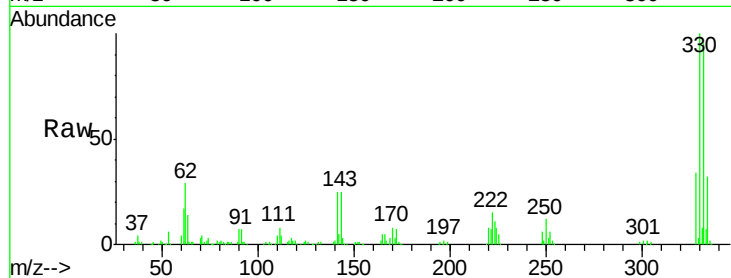




#41
 2,4,6-Tribromophenol
 Concen: 178.478 ng
 RT: 16.51 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG027878.D
 Acq: 7 Jul 2017 21:18

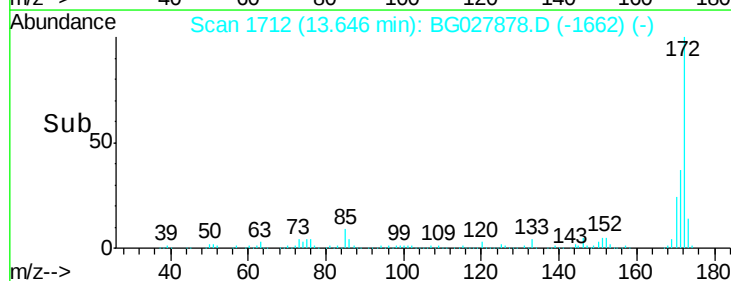
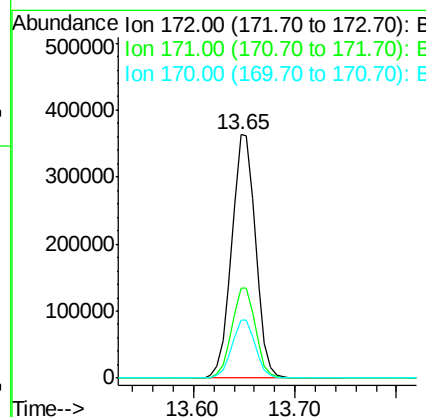
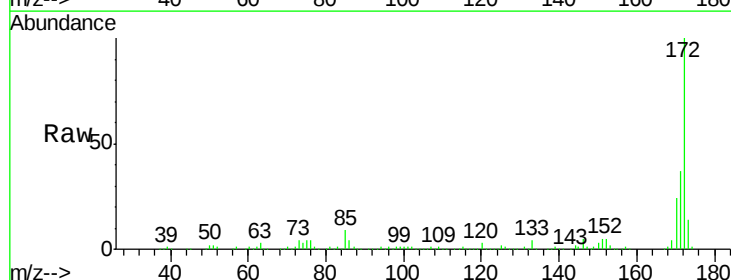
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-070517-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	27.9	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 96.424 ng
 RT: 13.65 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG027878.D
 Acq: 7 Jul 2017 21:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	32.2	48.2
170	23.7	21.8	32.6

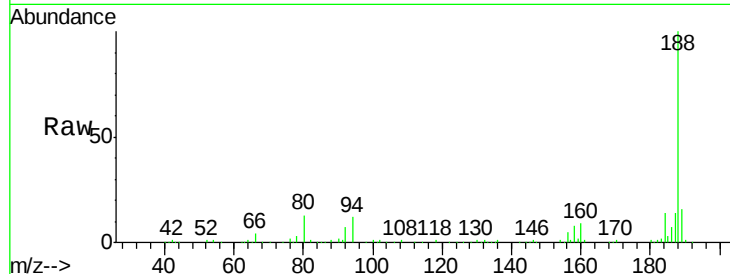




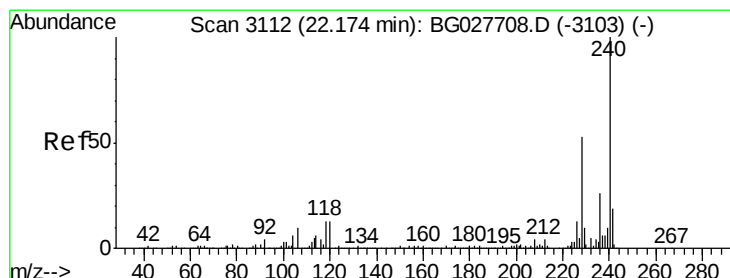
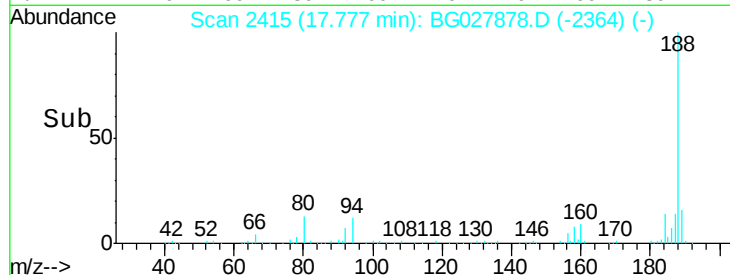
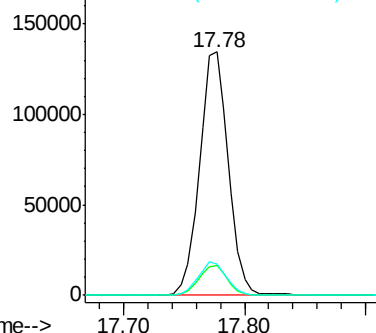
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.78 min Scan# 2415
 Delta R.T. 0.00 min
 Lab File: BG027878.D
 Acq: 7 Jul 2017 21:18

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-070517-A

Tgt Ion:188 Resp: 222059
 Ion Ratio Lower Upper
 188 100
 94 12.4 5.8 8.8#
 80 12.7 7.5 11.3#

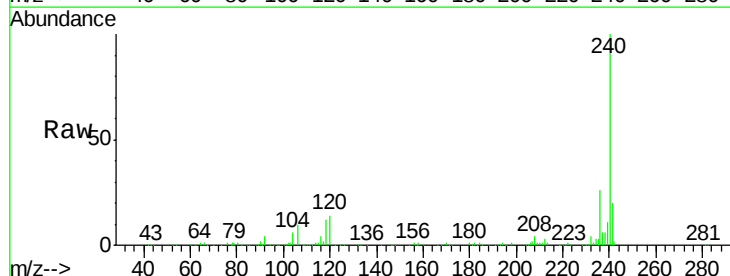


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

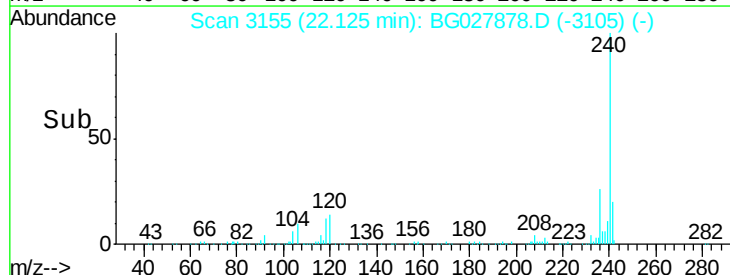
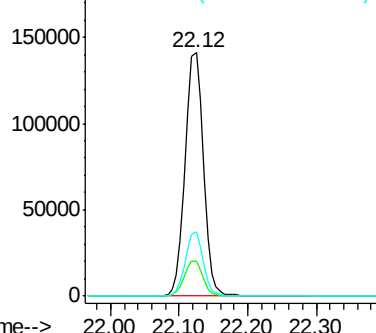


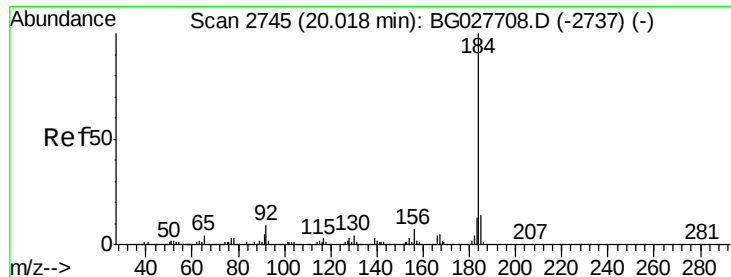
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.12 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: BG027878.D
 Acq: 7 Jul 2017 21:18

Tgt Ion:240 Resp: 261908
 Ion Ratio Lower Upper
 240 100
 120 14.4 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

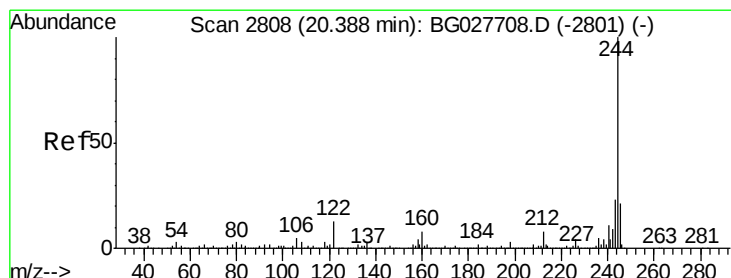
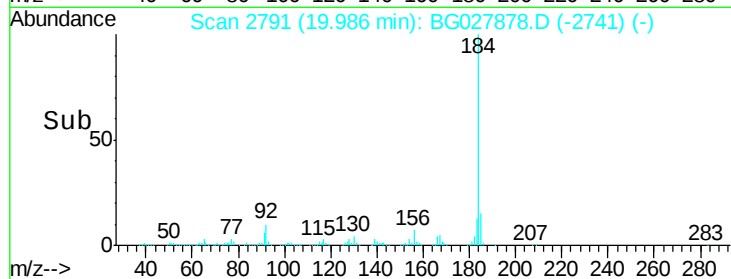
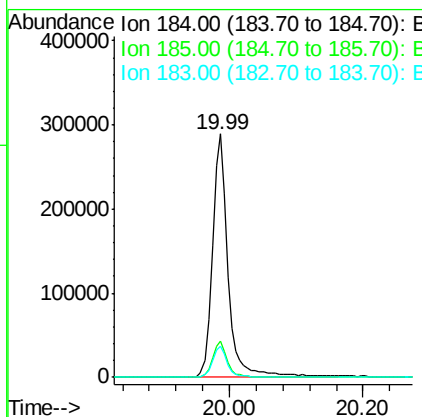
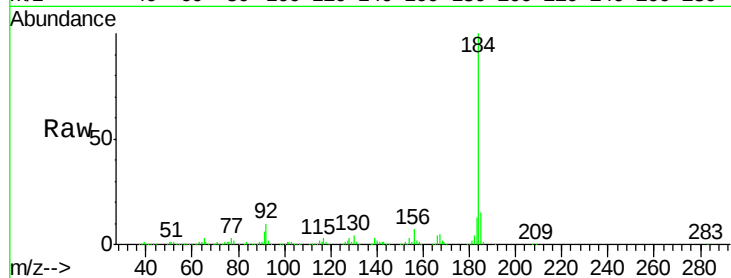




#76
Benzidine
Concen: 74.383 ng
RT: 19.99 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BG027878.D
Acq: 7 Jul 2017 21:18

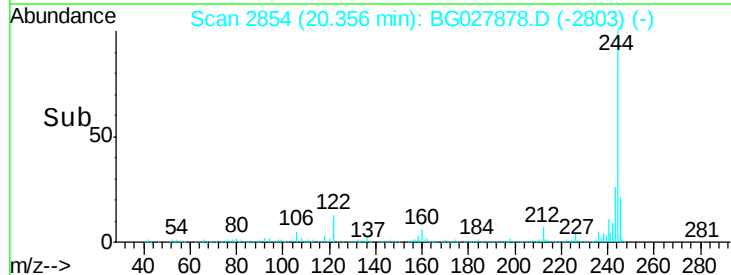
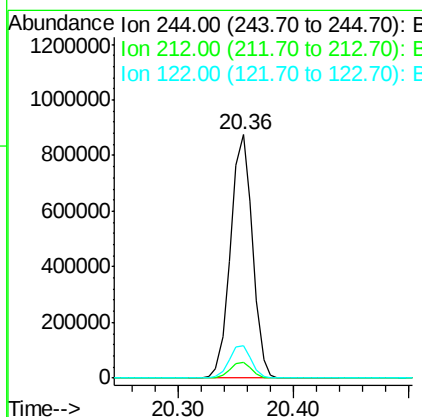
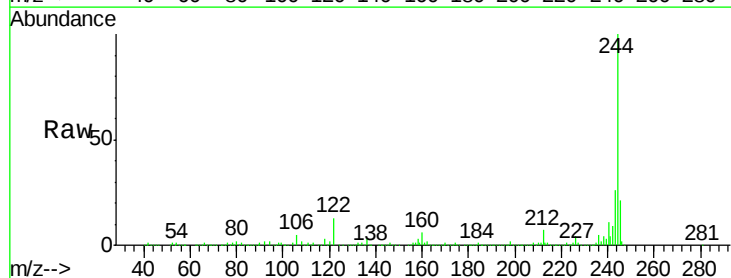
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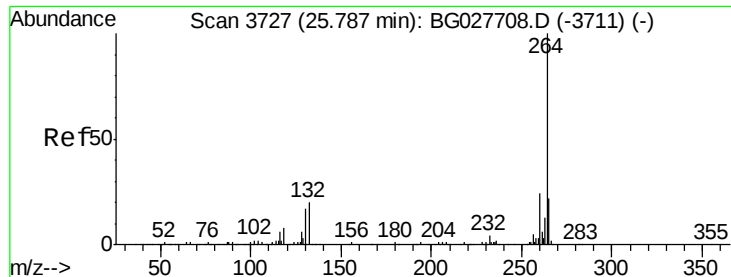
Tgt Ion:184 Resp: 475545
Ion Ratio Lower Upper
184 100
185 14.8 13.0 19.6
183 12.6 11.0 16.6



#78
Terphenyl-d14
Concen: 102.577 ng
RT: 20.36 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG027878.D
Acq: 7 Jul 2017 21:18

Tgt Ion:244 Resp: 1145972
Ion Ratio Lower Upper
244 100
212 6.5 10.0 15.0#
122 13.5 8.6 12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.69 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG027878.D
Acq: 7 Jul 2017 21:18

Instrument :
BNA_G
ClientSampleId :
AU-05-070517-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	22.0	18.2	27.4

