

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
 Data File : BG028950.D
 Acq On : 27 Sep 2017 19:44
 Operator : SJ/JU
 Sample : I5423-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-092517-A

Quant Time: Sep 28 02:39:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

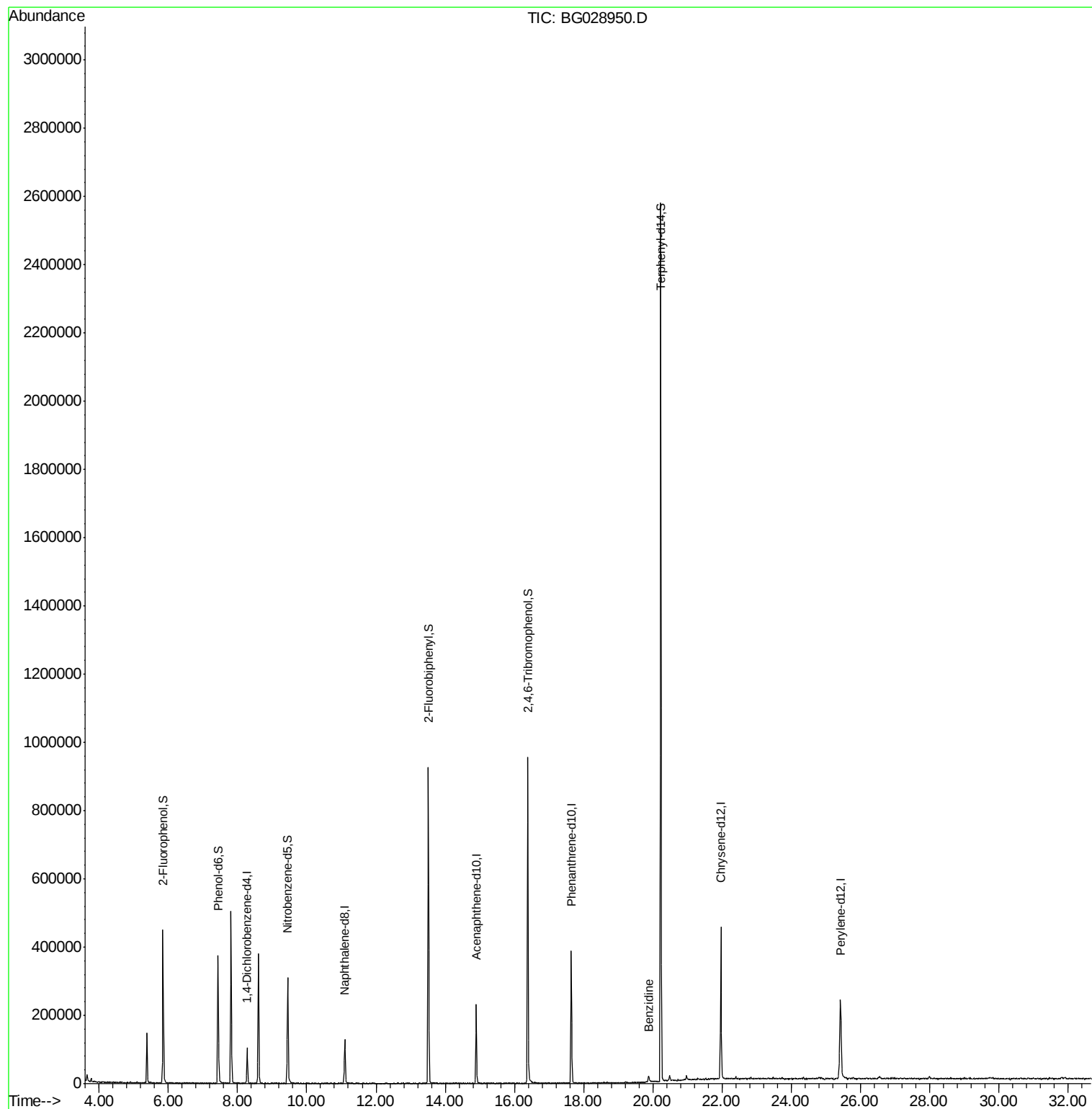
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	28906	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	112571	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	84793	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	252895	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	296173	20.00	ng	-0.07
86) Perylene-d12	25.43	264	300147	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	198265	113.18	ng	-0.06
7) Phenol-d6	7.44	99	231127	87.63	ng	-0.05
23) Nitrobenzene-d5	9.45	82	198600	84.40	ng	-0.05
41) 2,4,6-Tribromophenol	16.38	330	209155	149.14	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	508616	79.98	ng	-0.05
78) Terphenyl-d14	20.23	244	1221297	87.94	ng	-0.05
Target Compounds						
76) Benzidine	19.89	184	17041	2.219	ng	Qvalue 100

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

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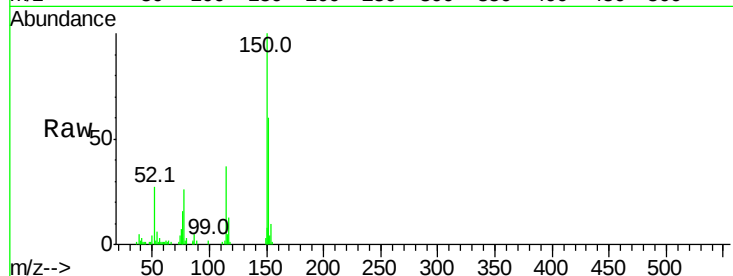


#1

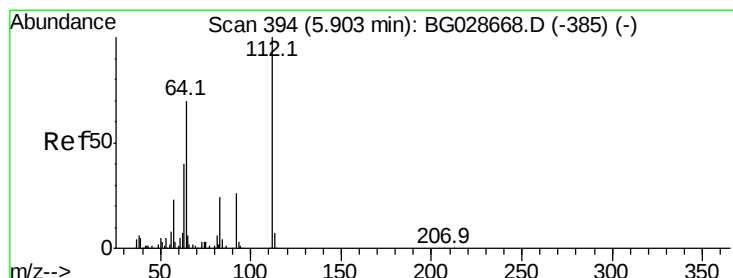
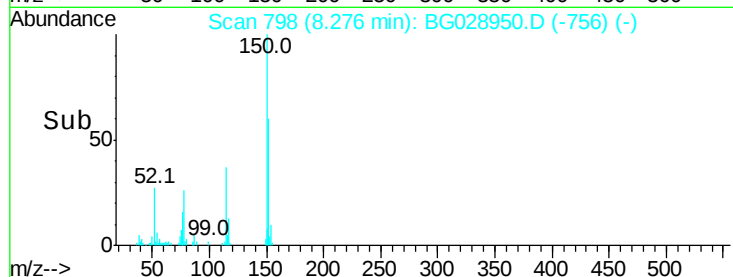
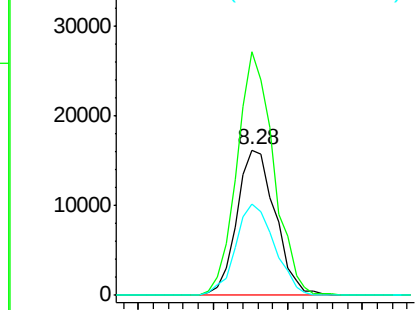
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028950.D
Acq: 27 Sep 2017 19:44

Instrument :
BNA_G
ClientSampleId :
SA-06-092517-A

Tot Ion:152 Resp: 28906
Ion Ratio Lower Upper
152 100
150 167.2 114.0 171.0
115 62.5 48.1 72.1



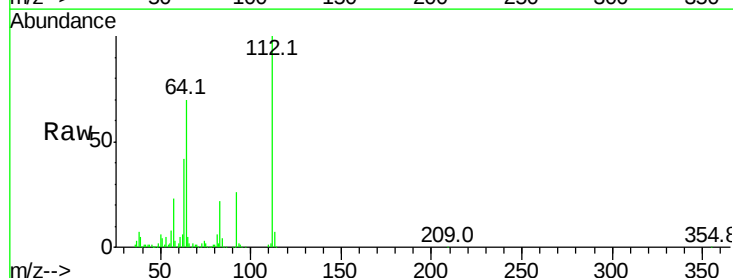
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



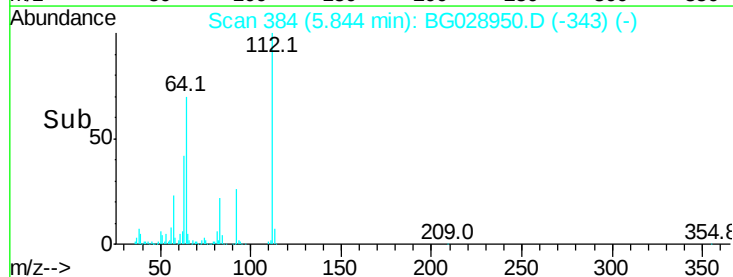
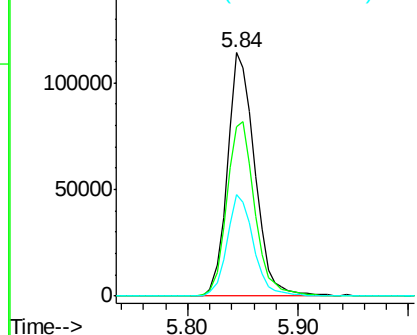
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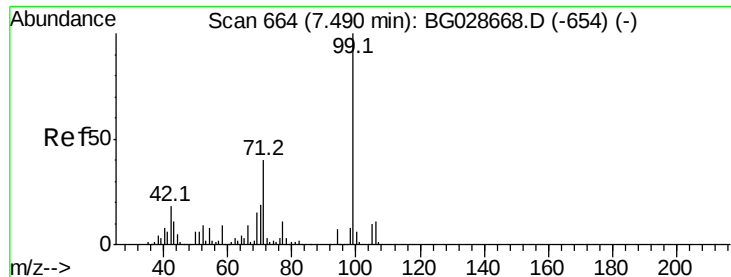
2-Fluorophenol
Concen: 113.176 ng
RT: 5.84 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028950.D
Acq: 27 Sep 2017 19:44

Tgt Ion:112 Resp: 198265
Ion Ratio Lower Upper
112 100
64 69.6 61.8 92.6
63 41.8 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: 87.628 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028950.D

Acq: 27 Sep 2017 19:44

Instrument :

BNA_G

ClientSampleId :

SA-06-092517-A

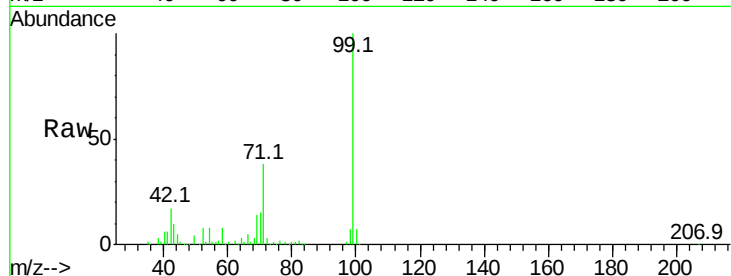
Tot Ion: 99 Resp: 231127

Ion Ratio Lower Upper

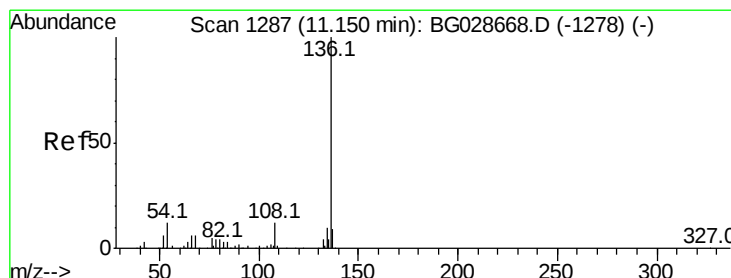
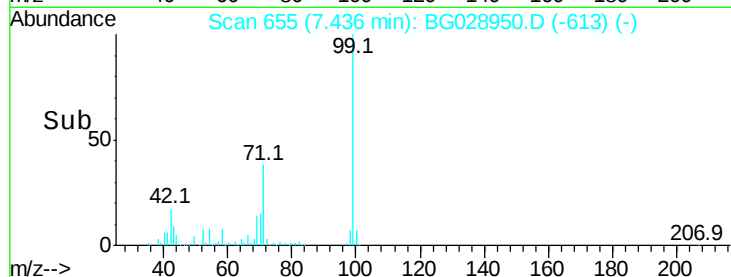
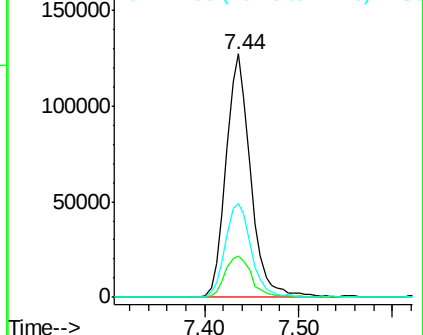
99 100

42 17.0 20.5 30.7#

71 38.4 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: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028950.D

Acq: 27 Sep 2017 19:44

Tgt Ion: 136 Resp: 112571

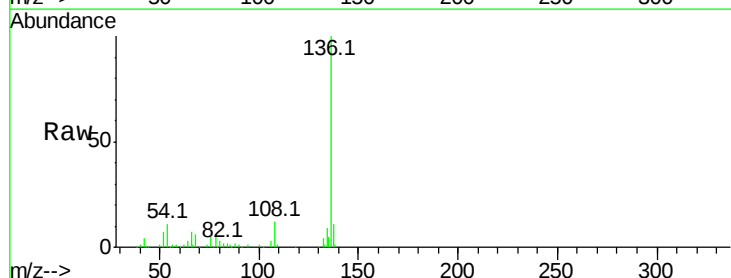
Ion Ratio Lower Upper

136 100

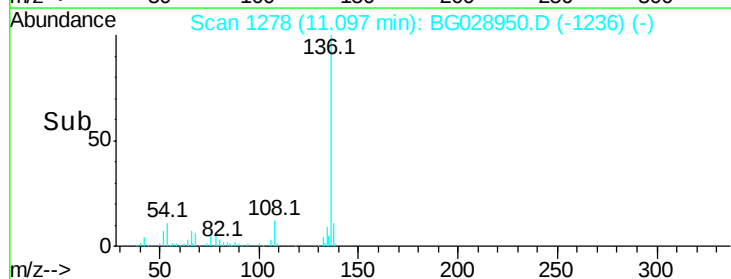
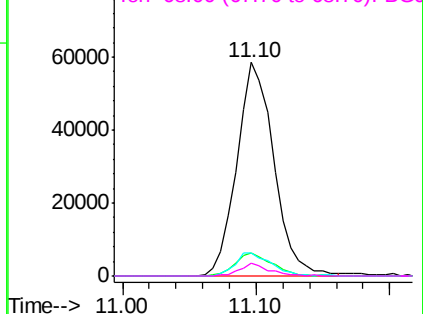
137 10.8 8.9 13.3

54 10.9 9.3 13.9

68 6.0 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

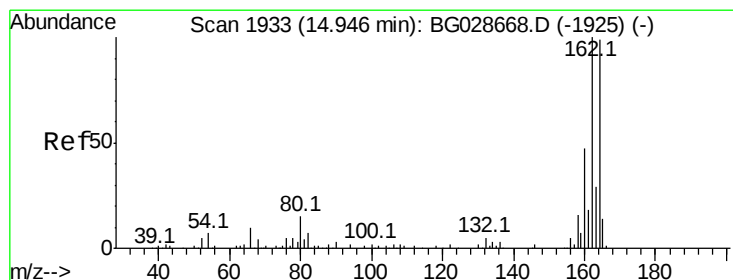
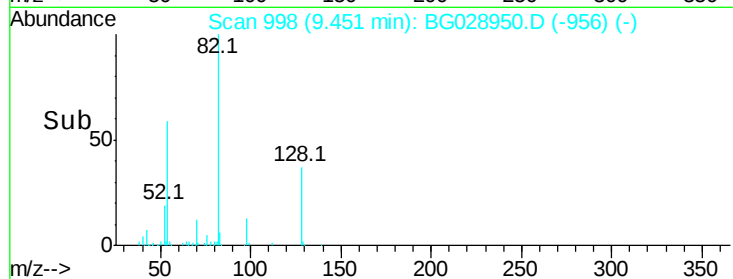
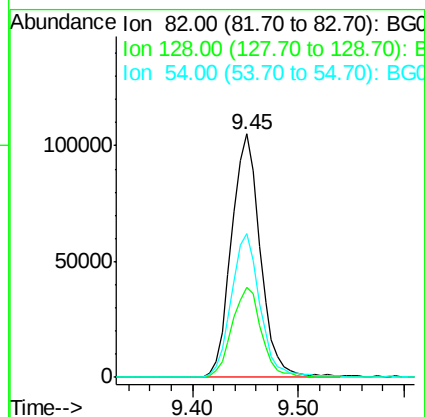
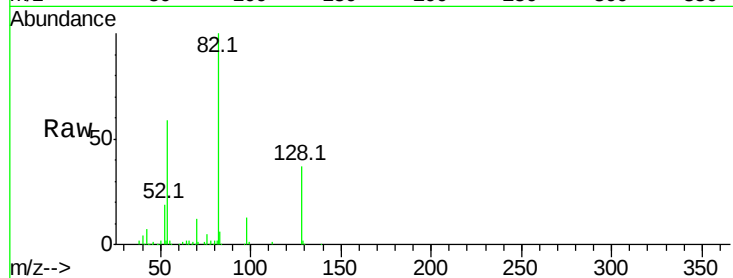




#23
 Nitrobenzene-d5
 Concen: 84.396 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.05 min
 Lab File: BG028950.D
 Acq: 27 Sep 2017 19:44

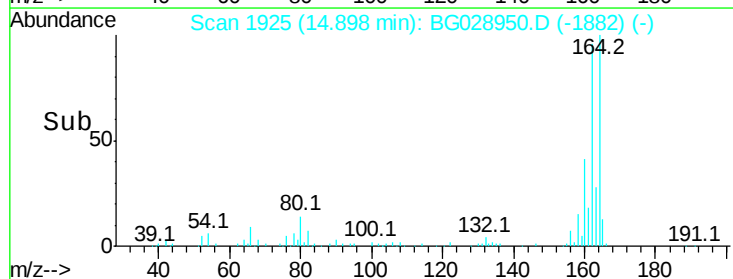
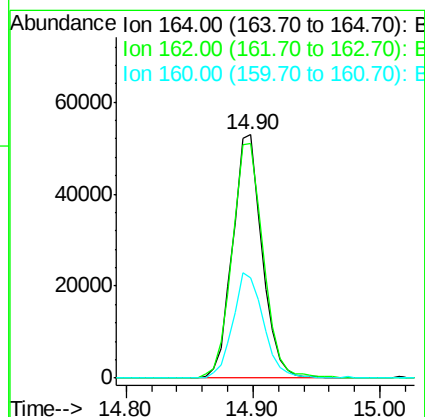
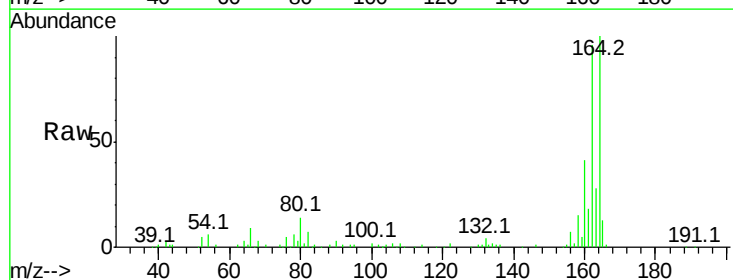
Instrument :
 BNA_G
 ClientSampleId :
 SA-06-092517-A

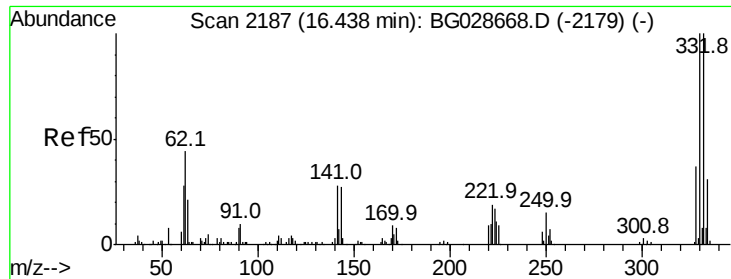
Tot Ion	82	Resp	198600
Ion Ratio	100	Lower	Upper
128	36.8	26.4	39.6
54	58.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1925
 Delta R.T. -0.05 min
 Lab File: BG028950.D
 Acq: 27 Sep 2017 19:44

Tgt Ion	164	Resp	84793
Ion Ratio	100	Lower	Upper
162	96.4	85.1	127.7
160	41.2	34.7	52.1

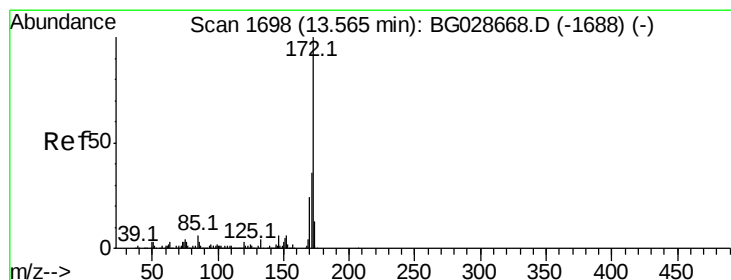
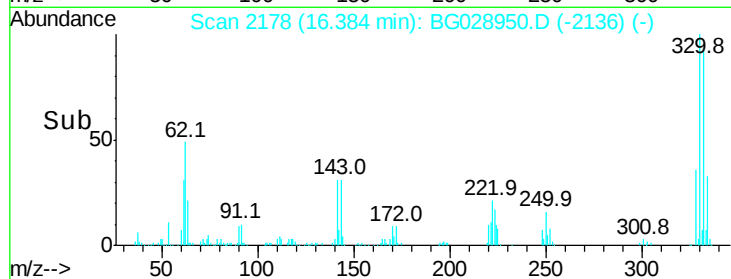
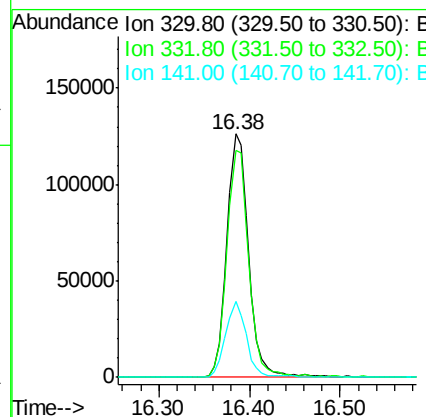
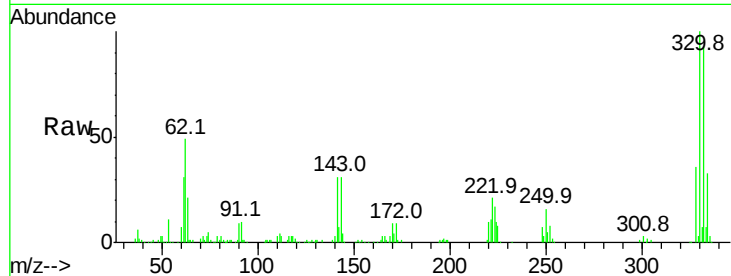




#41
 2,4,6-Tribromophenol
 Concen: 149.138 ng
 RT: 16.38 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028950.D
 Acq: 27 Sep 2017 19:44

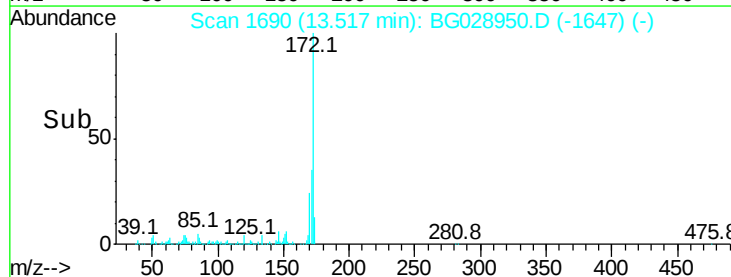
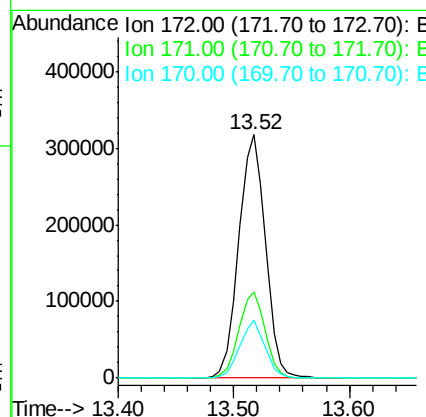
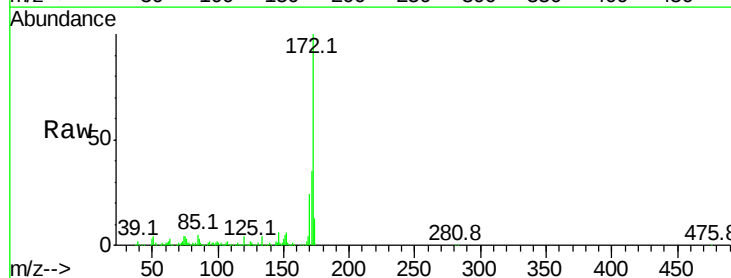
Instrument :
 BNA_G
 ClientSampleId :
 SA-06-092517-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.3	115.9
141	30.6	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 79.983 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028950.D
 Acq: 27 Sep 2017 19:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	32.2	48.2
170	23.8	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028950.D

Acq: 27 Sep 2017 19:44

Instrument :

BNA_G

ClientSampleId :

SA-06-092517-A

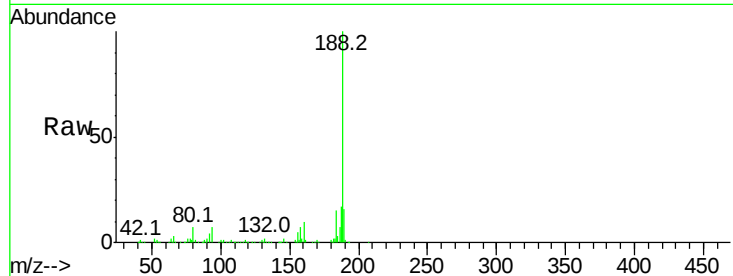
Tot Ion:188 Resp: 252895

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

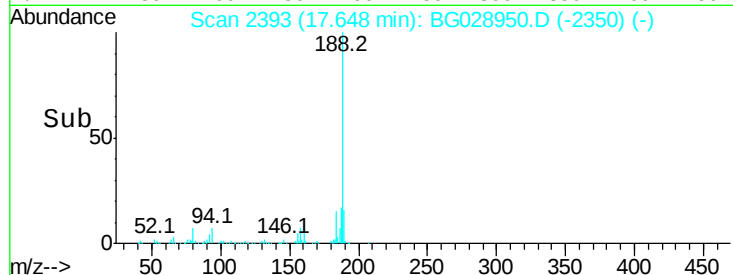
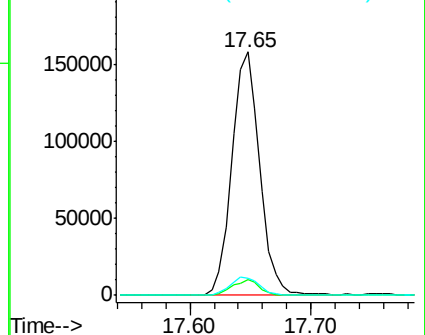
80 6.8 7.5 11.3#



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: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028950.D

Acq: 27 Sep 2017 19:44

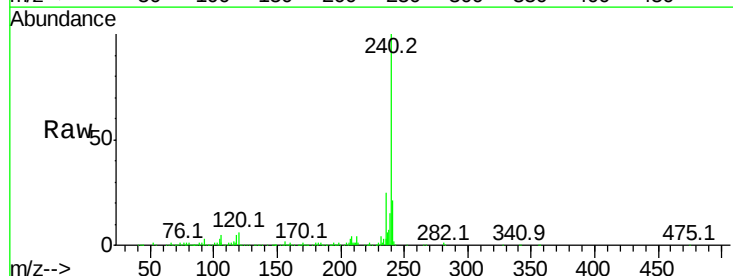
Tgt Ion:240 Resp: 296173

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

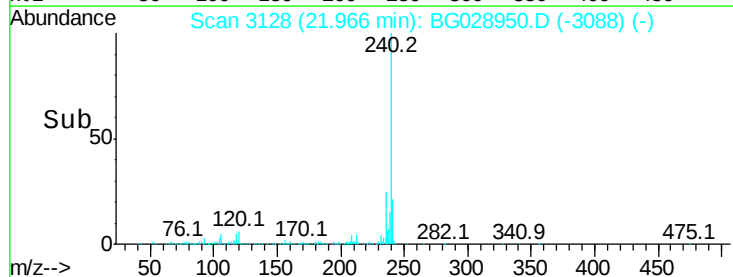
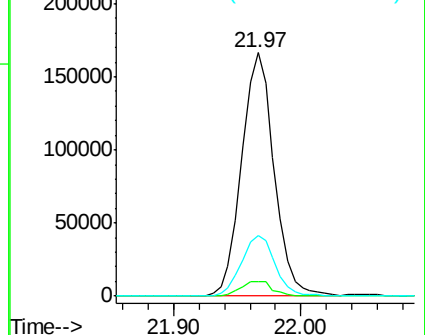
236 25.1 22.2 33.4

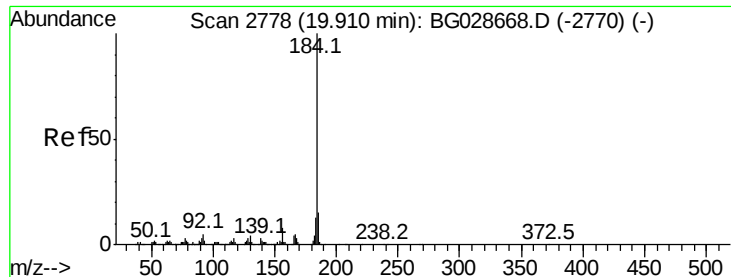


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.219 ng

RT: 19.89 min Scan# 2774

Delta R.T. -0.02 min

Lab File: BG028950.D

Acq: 27 Sep 2017 19:44

Instrument :

BNA_G

ClientSampleId :

SA-06-092517-A

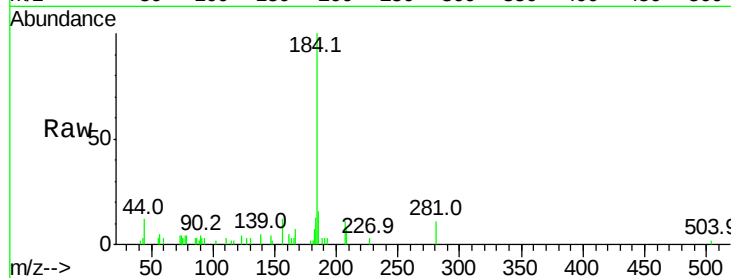
Tot Ion:184 Resp: 17041

Ion Ratio Lower Upper

184 100

185 16.2 13.0 19.6

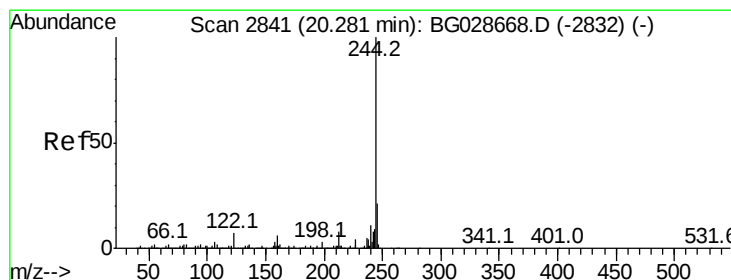
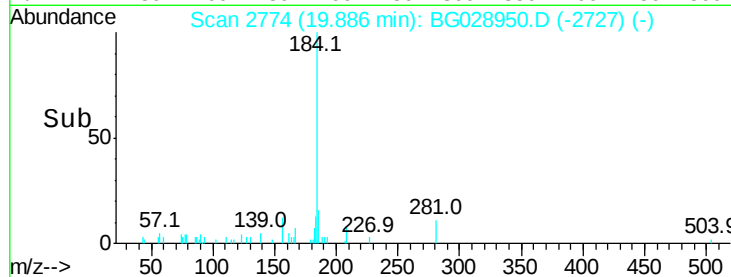
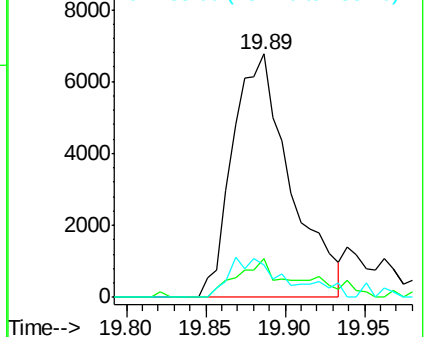
183 13.5 11.0 16.6



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: 87.938 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028950.D

Acq: 27 Sep 2017 19:44

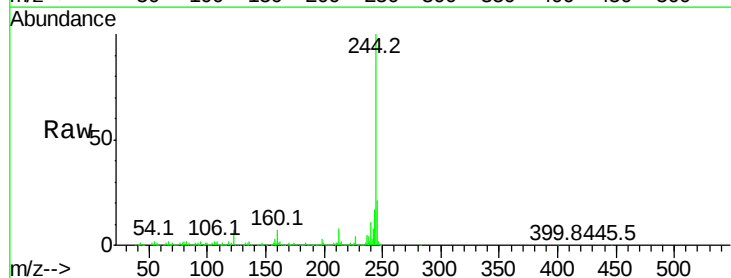
Tgt Ion:244 Resp: 1221297

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

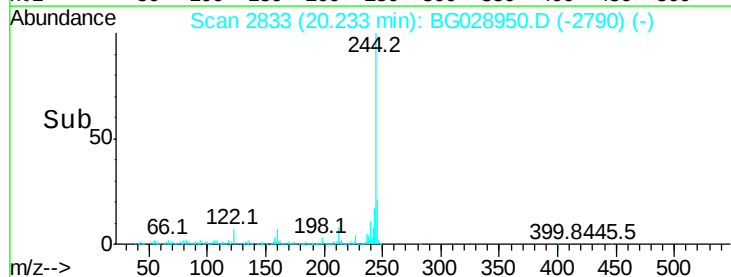
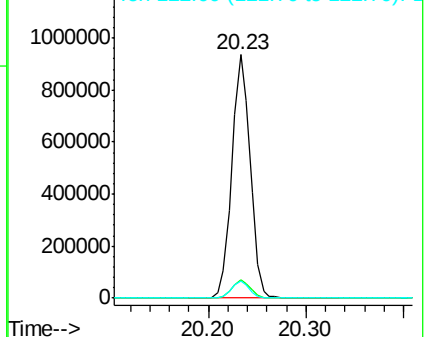
122 6.9 8.6 12.8#

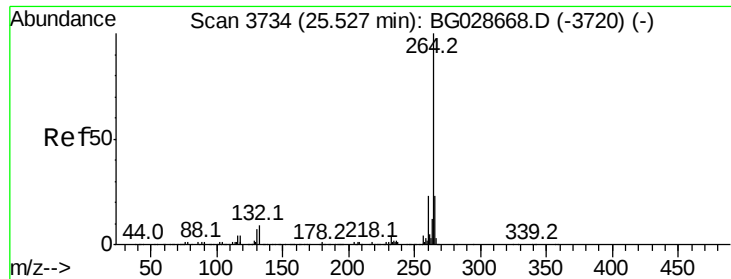


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.43 min Scan# 3717
 Delta R.T. -0.10 min
 Lab File: BG028950.D
 Acq: 27 Sep 2017 19:44

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-092517-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	23.0	18.2	27.4

