

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
 Data File : BG027910.D
 Acq On : 11 Jul 2017 9:01
 Operator : SJ/JU
 Sample : I4084-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP11-MH2111-COMP

Quant Time: Jul 11 13:16:37 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

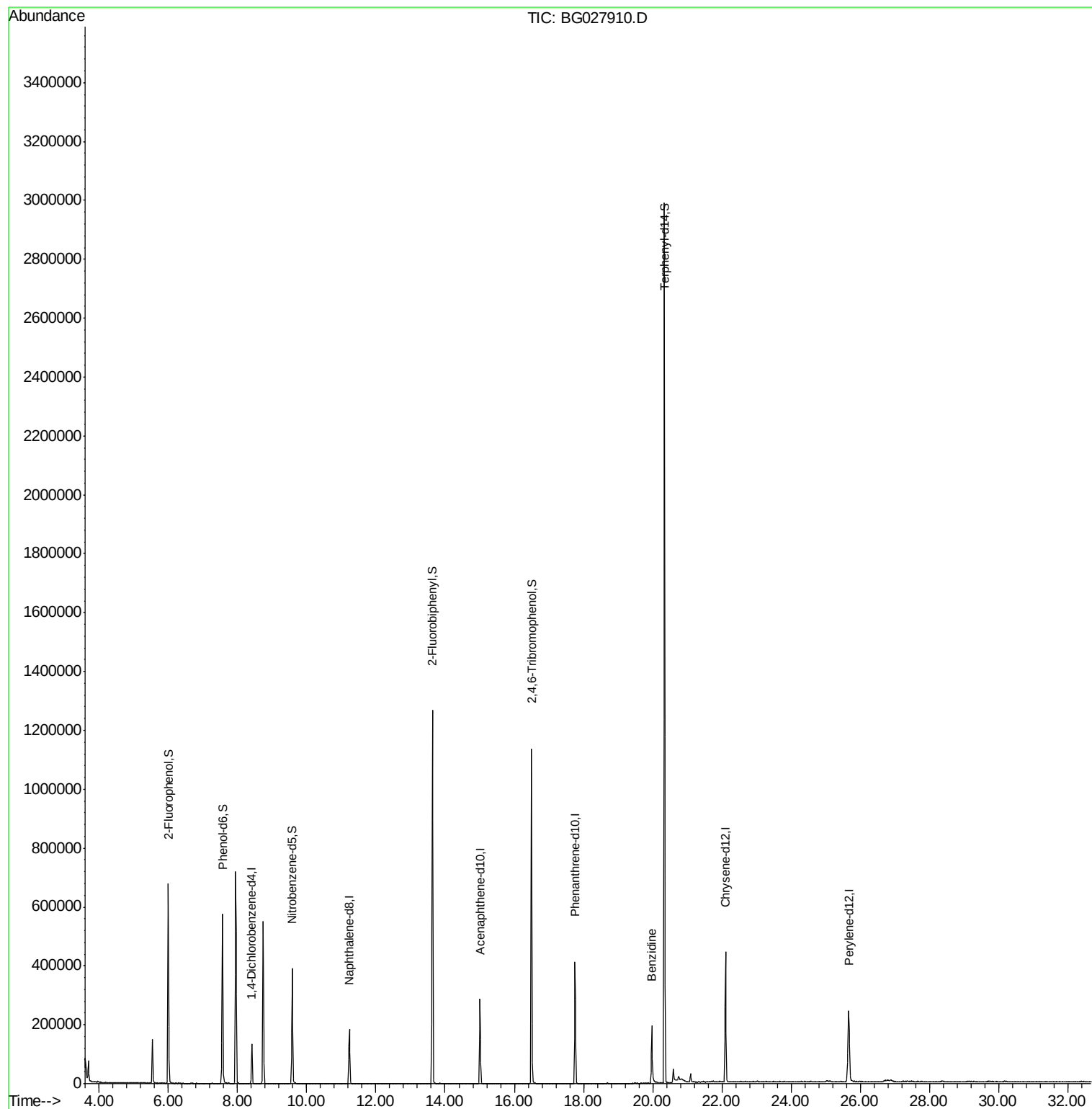
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	44110	20.00	ng	-0.01
21) Naphthalene-d8	11.23	136	186774	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	105105	20.00	ng	-0.01
63) Phenanthrene-d10	17.76	188	270690	20.00	ng	-0.02
75) Chrysene-d12	22.10	240	293737	20.00	ng	-0.03
86) Perylene-d12	25.66	264	287865	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	384235	134.14	ng	0.00
7) Phenol-d6	7.57	99	473818	108.28	ng	0.00
23) Nitrobenzene-d5	9.58	82	281960	84.15	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	275600	191.17	ng	-0.02
44) 2-Fluorobiphenyl	13.64	172	738280	100.32	ng	-0.01
78) Terphenyl-d14	20.34	244	1357982	108.38	ng	-0.01
Target Compounds						
76) Benzidine	19.97	184	174555	26.509	ng	Qvalue 97

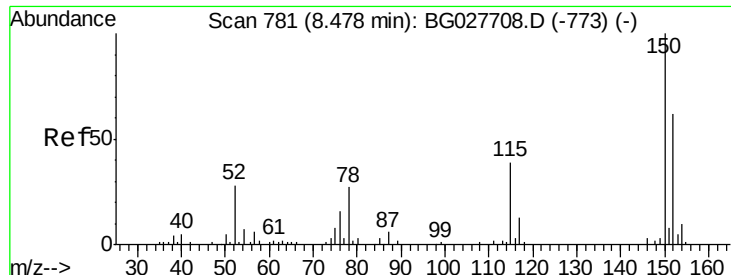
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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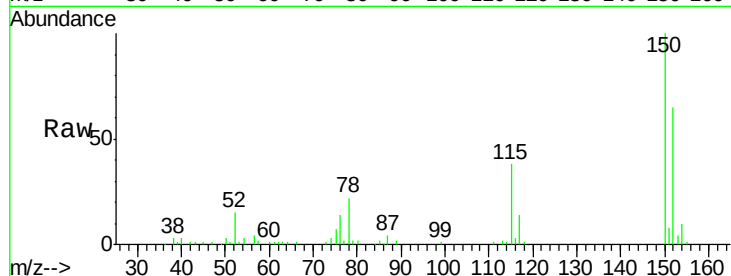


#1

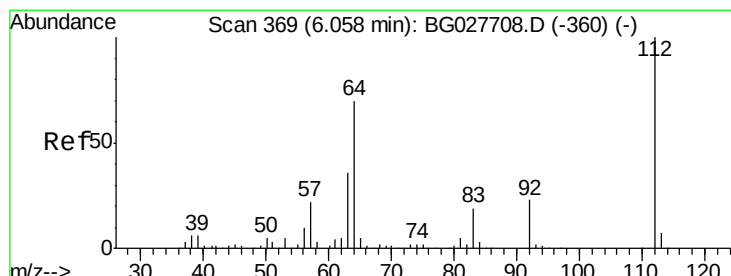
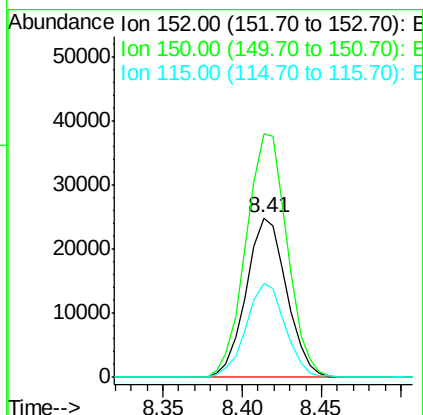
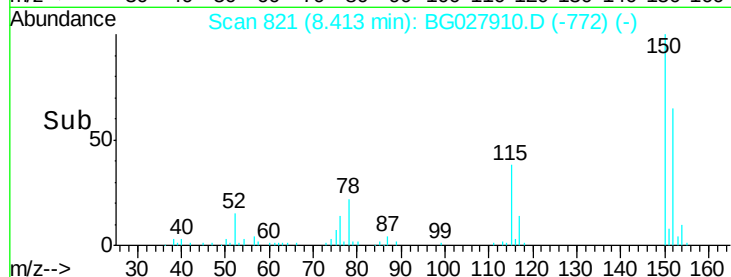
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.41 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Instrument :
BNA_G
ClientSampleId :
TP11-MH2111-COMP

Tgt Ion:152 Resp: 44110
Ion Ratio Lower Upper
152 100
150 152.7 114.0 171.0
115 58.5 48.1 72.1



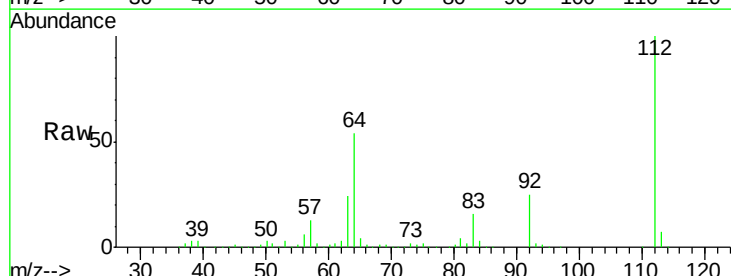
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



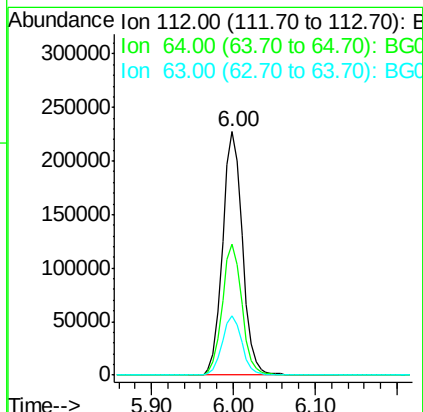
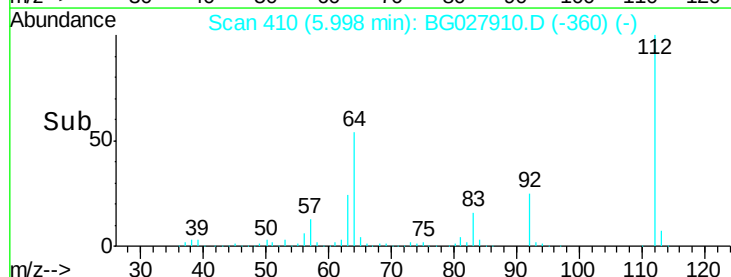
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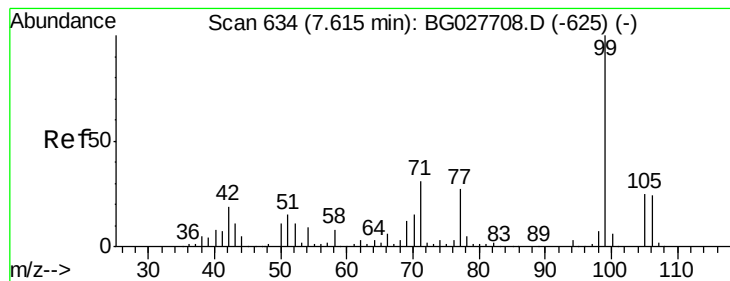
2-Fluorophenol
Concen: 134.139 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Tgt Ion:112 Resp: 384235
Ion Ratio Lower Upper
112 100
64 53.9 61.8 92.6#
63 24.2 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: 108.276 ng

RT: 7.57 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG027910.D

Acq: 11 Jul 2017 9:01

Instrument :

BNA_G

ClientSampleId :

TP11-MH2111-COMP

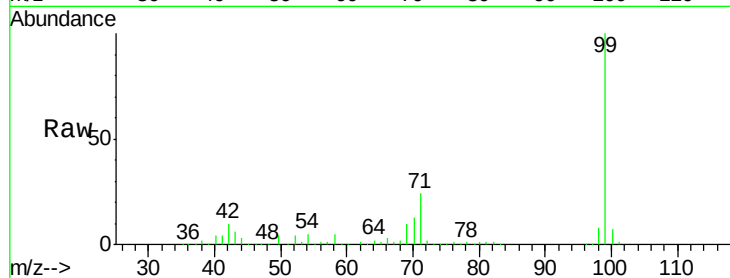
Tgt Ion: 99 Resp: 473818

Ion Ratio Lower Upper

99 100

42 10.1 20.5 30.7#

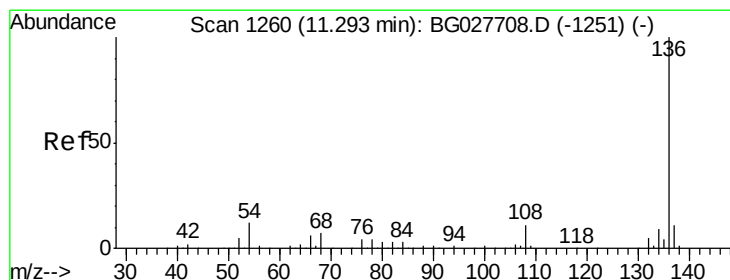
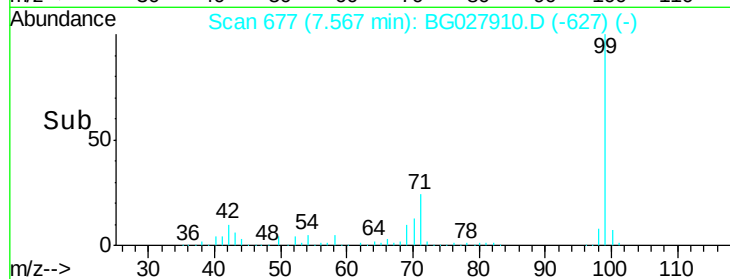
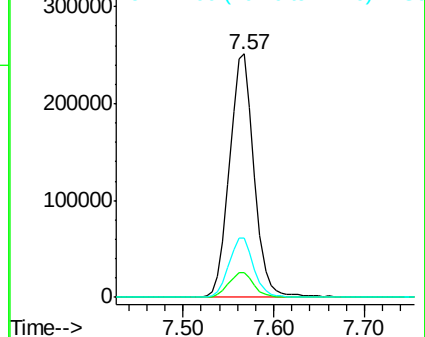
71 24.2 37.6 56.4#



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: 11.23 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG027910.D

Acq: 11 Jul 2017 9:01

Tgt Ion: 136 Resp: 186774

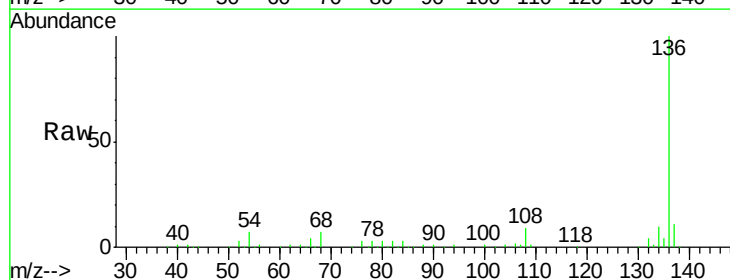
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.3 9.3 13.9#

68 6.9 5.1 7.7

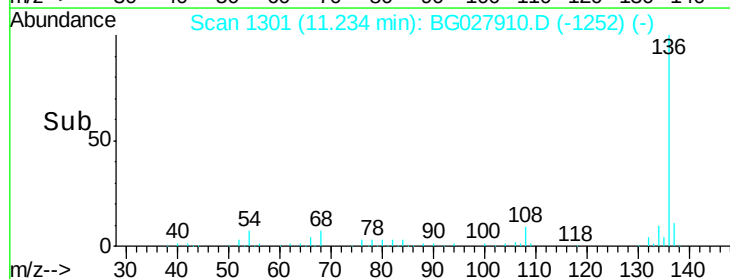
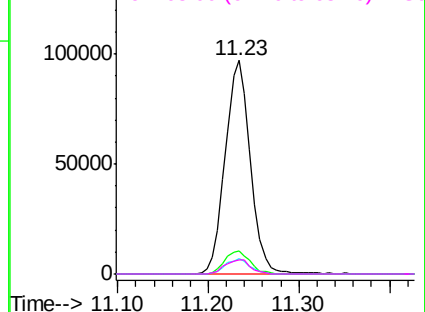


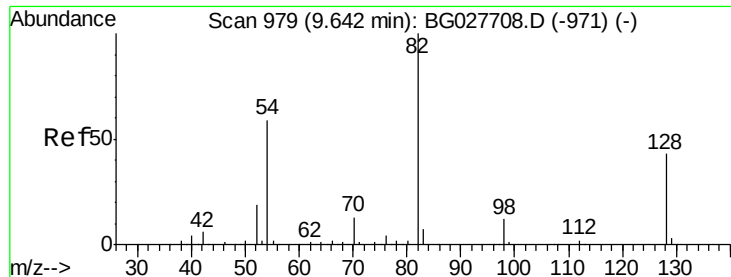
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

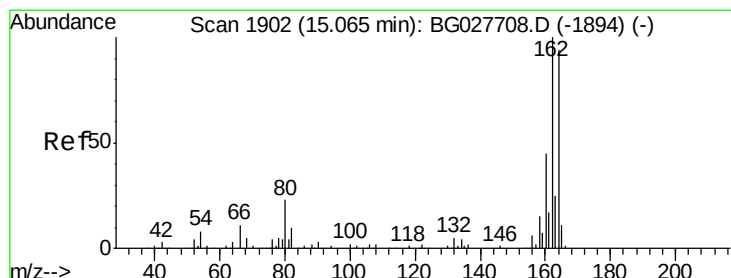
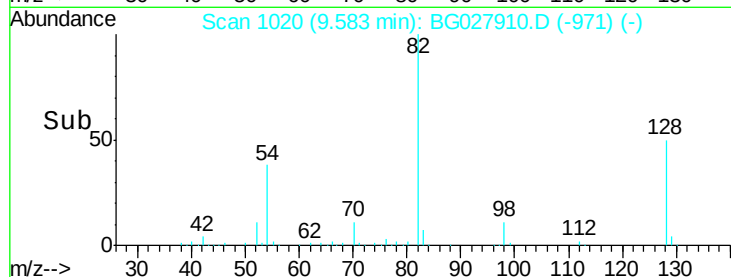
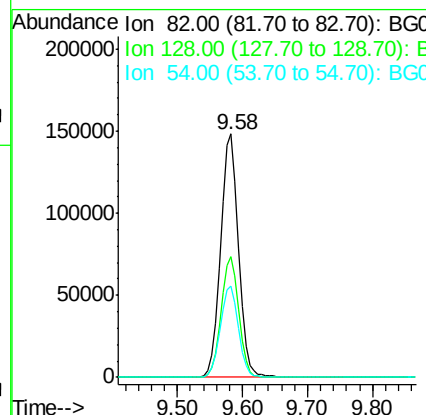
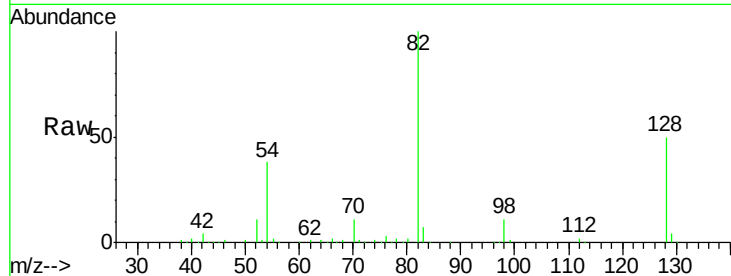




#23
 Nitrobenzene-d5
 Concen: 84.148 ng
 RT: 9.58 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027910.D
 Acq: 11 Jul 2017 9:01

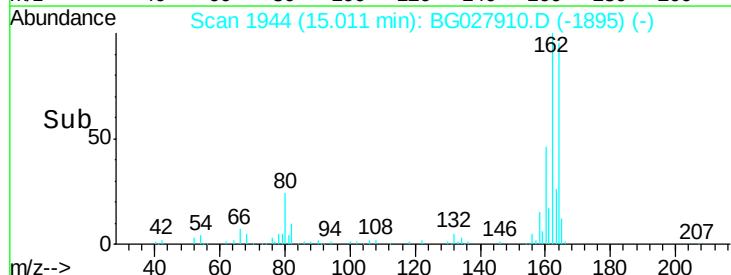
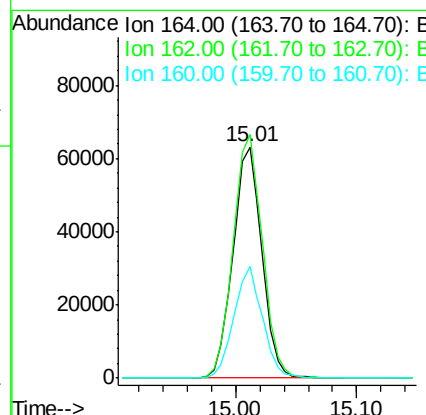
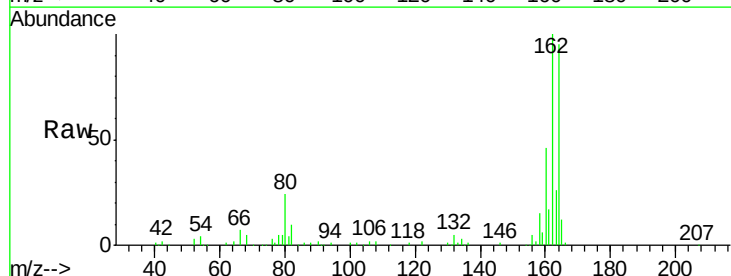
Instrument :
 BNA_G
 ClientSampleId :
 TP11-MH2111-COMP

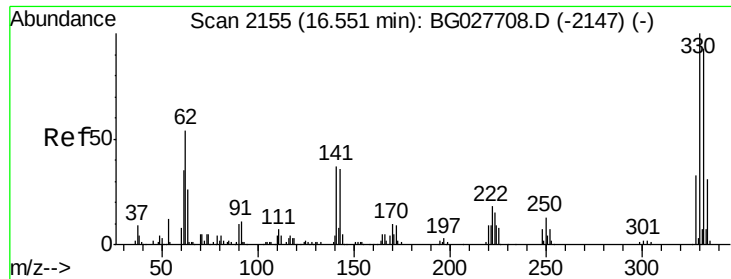
Tgt Ion: 82 Resp: 281960
 Ion Ratio Lower Upper
 82 100
 128 49.8 26.4 39.6#
 54 37.6 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.01 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG027910.D
 Acq: 11 Jul 2017 9:01

Tgt Ion: 164 Resp: 105105
 Ion Ratio Lower Upper
 164 100
 162 105.4 85.1 127.7
 160 48.3 34.7 52.1

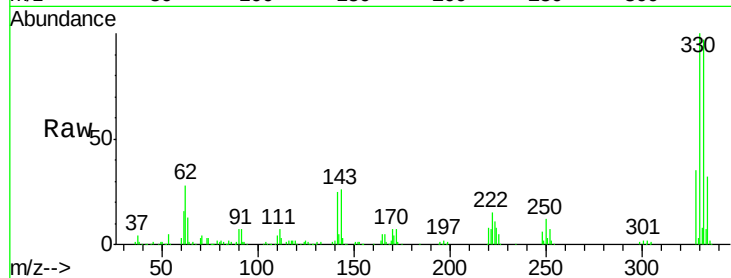




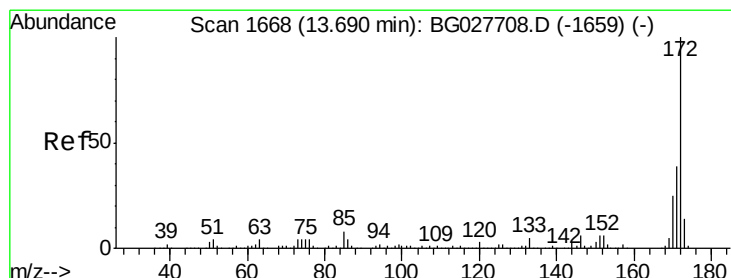
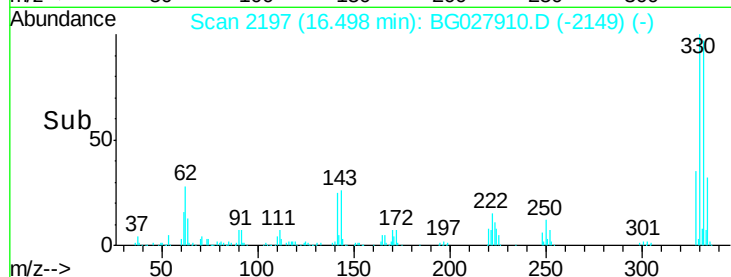
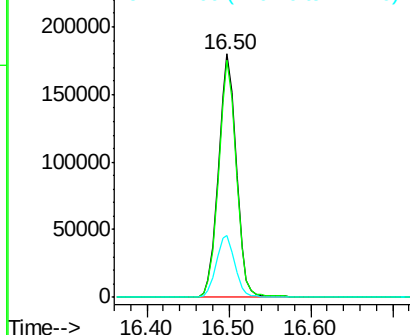
#41
 2,4,6-Tribromophenol
 Concen: 191.173 ng
 RT: 16.50 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG027910.D
 Acq: 11 Jul 2017 9:01

Instrument :
 BNA_G
 ClientSampleId :
 TP11-MH2111-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	26.3	32.1	48.1#

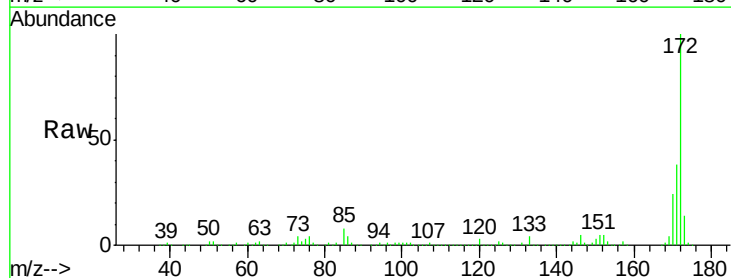


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

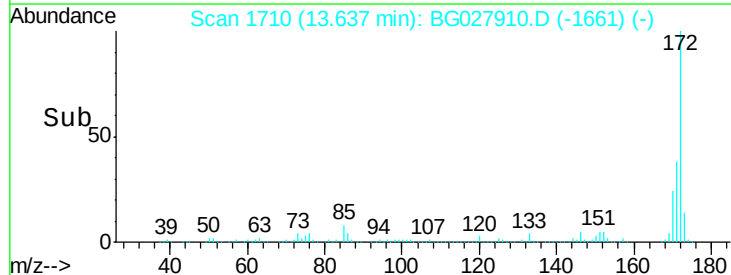
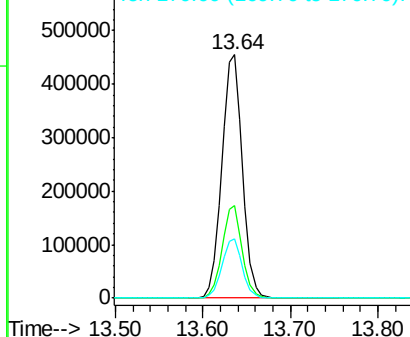


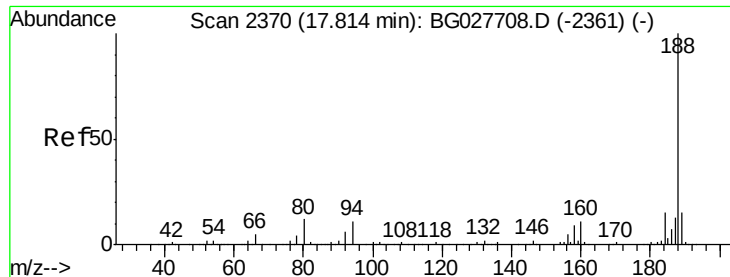
#44
 2-Fluorobiphenyl
 Concen: 100.318 ng
 RT: 13.64 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG027910.D
 Acq: 11 Jul 2017 9:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	24.4	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

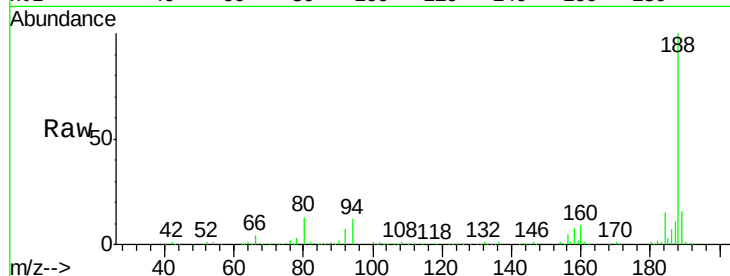




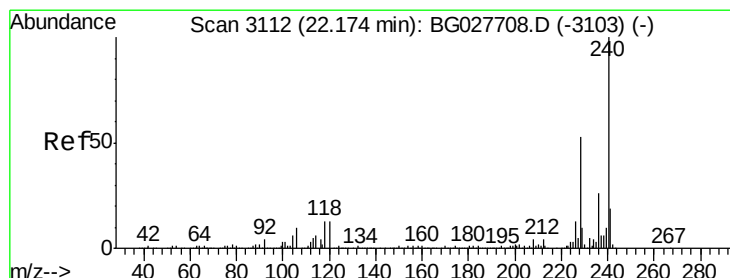
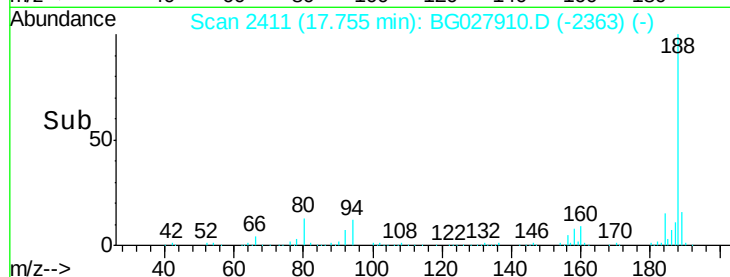
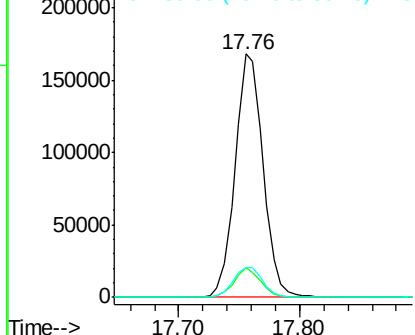
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.76 min Scan# 2411
Delta R.T. -0.02 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Instrument :
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TP11-MH2111-COMP

Tgt Ion:188 Resp: 270690
Ion Ratio Lower Upper
188 100
94 12.2 5.8 8.8#
80 12.5 7.5 11.3#

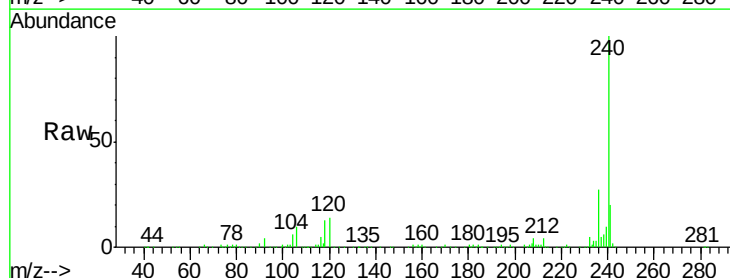


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

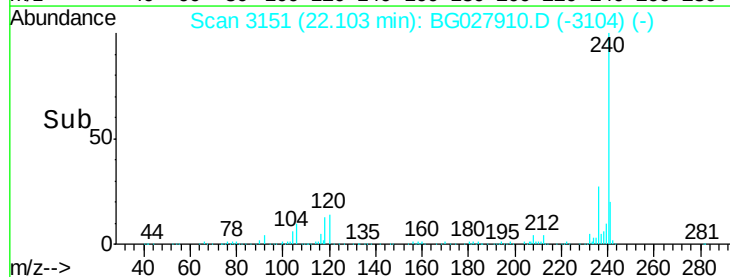
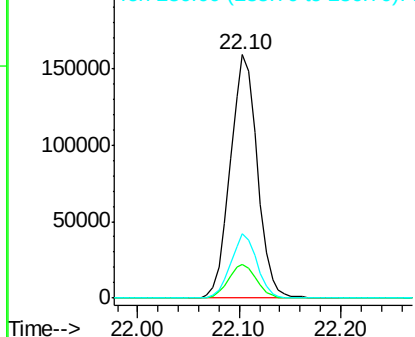


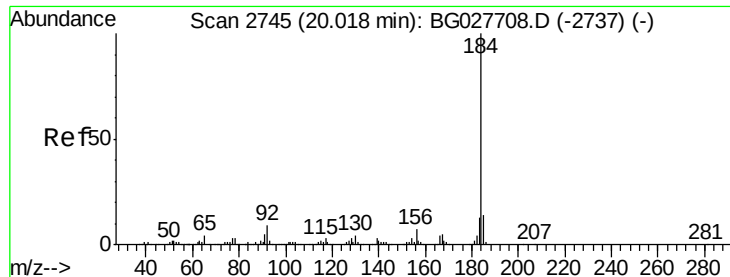
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.10 min Scan# 3151
Delta R.T. -0.03 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Tgt Ion:240 Resp: 293737
Ion Ratio Lower Upper
240 100
120 13.8 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

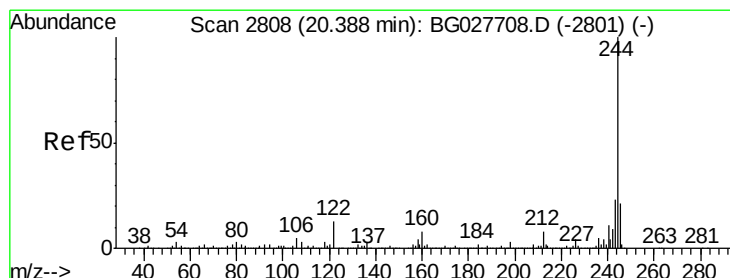
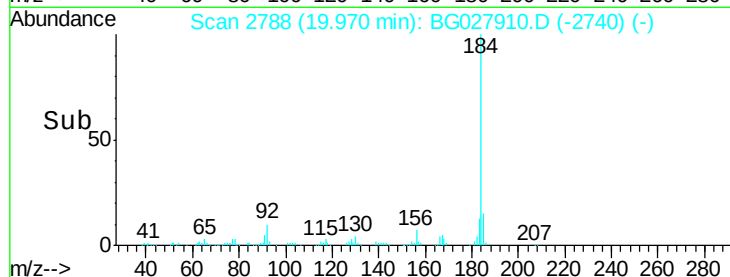
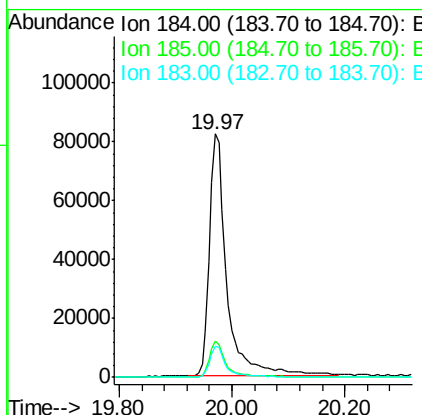
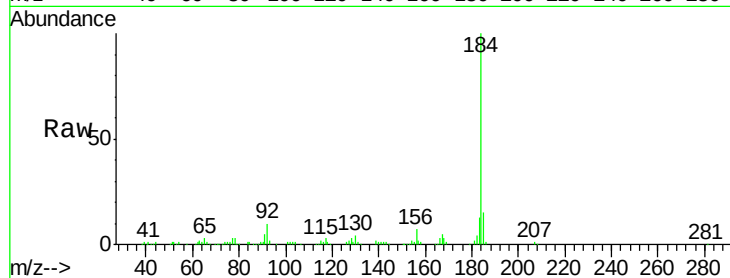




#76
Benzidine
Concen: 26.509 ng
RT: 19.97 min Scan# 2788
Delta R.T. -0.02 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

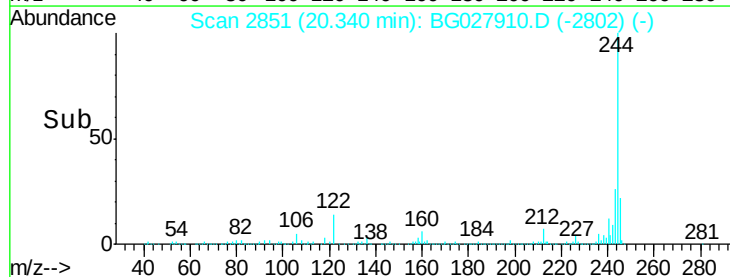
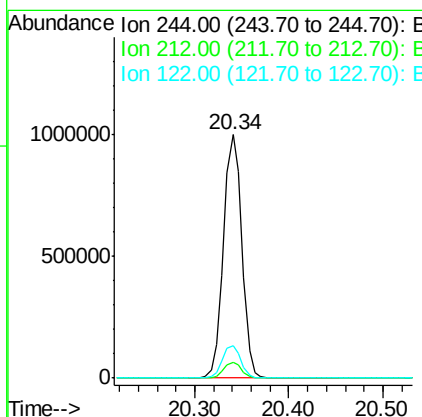
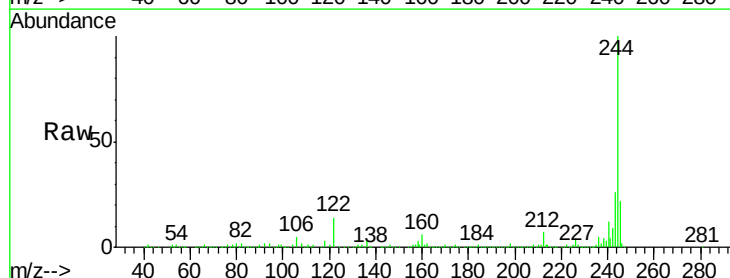
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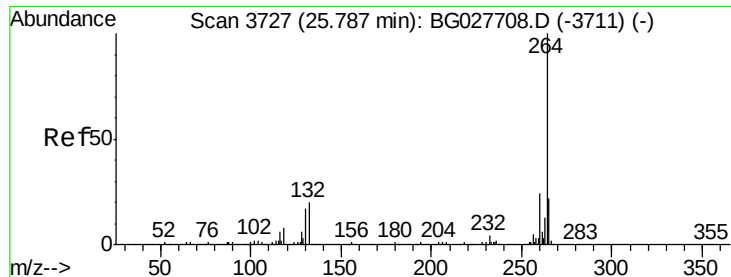
Tgt Ion:184 Resp: 174555
Ion Ratio Lower Upper
184 100
185 14.8 13.0 19.6
183 12.6 11.0 16.6



#78
Terphenyl-d14
Concen: 108.383 ng
RT: 20.34 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Tgt Ion:244 Resp: 1357982
Ion Ratio Lower Upper
244 100
212 6.7 10.0 15.0#
122 13.6 8.6 12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.66 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG027910.D
Acq: 11 Jul 2017 9:01

Instrument :
BNA_G
ClientSampleId :
TP11-MH2111-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	21.7	18.2	27.4

