

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
 Data File : BG027902.D
 Acq On : 11 Jul 2017 00:44
 Operator : SJ/JU
 Sample : I4106-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CIY-WC-S-1-0-10

Quant Time: Jul 11 07:03:53 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

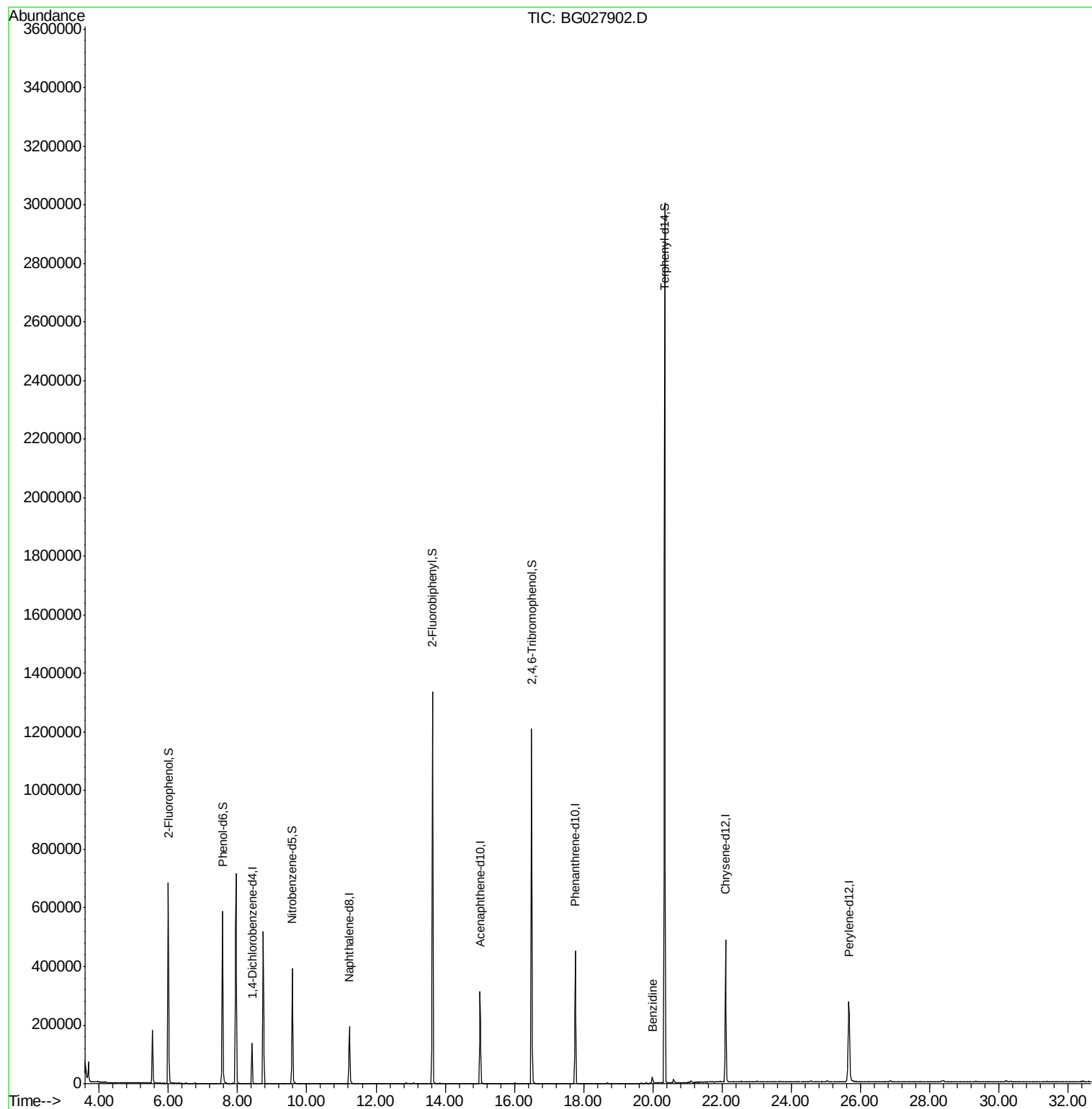
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	45527	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	197550	20.00	ng	-0.02
38) Acenaphthene-d10	15.01	164	114662	20.00	ng	-0.02
63) Phenanthrene-d10	17.76	188	290462	20.00	ng	-0.02
75) Chrysene-d12	22.11	240	315454	20.00	ng	-0.02
86) Perylene-d12	25.67	264	308101	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	385360	130.34	ng	0.00
7) Phenol-d6	7.57	99	472897	104.70	ng	0.00
23) Nitrobenzene-d5	9.58	82	282842	79.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.50	330	290558	184.75	ng	-0.02
44) 2-Fluorobiphenyl	13.63	172	747012	93.04	ng	-0.02
78) Terphenyl-d14	20.34	244	1370477	101.85	ng	0.00
Target Compounds						
76) Benzidine	19.99	184	29381	6.868	ng	Qvalue # 95

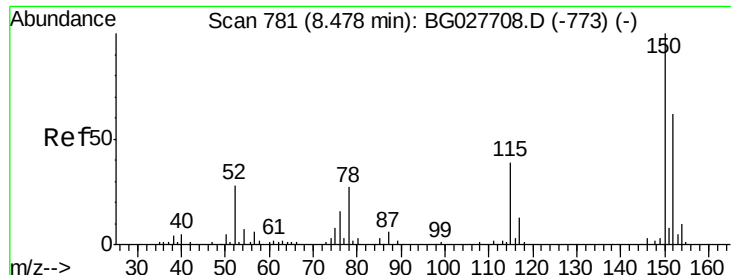
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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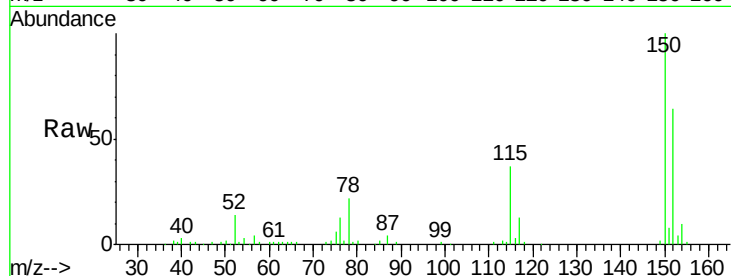


#1

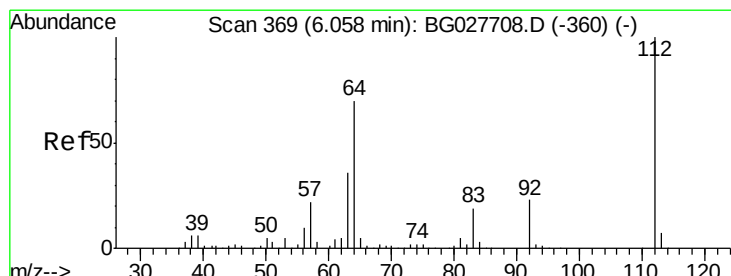
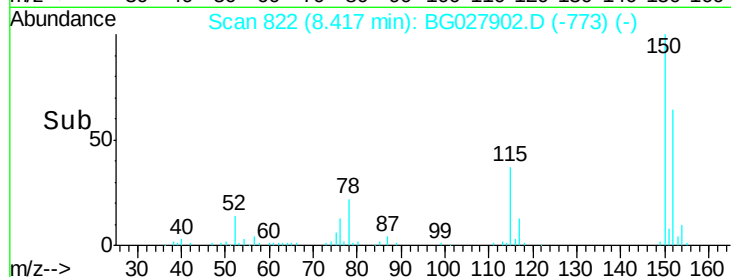
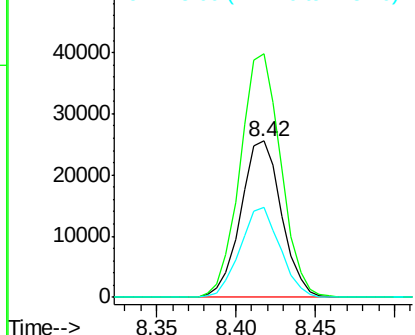
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.42 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027902.D
Acq: 11 Jul 2017 00:44

Instrument :
BNA_G
ClientSampleId :
CIY-WC-S-1-0-10

Tgt Ion:152 Resp: 45527
Ion Ratio Lower Upper
152 100
150 155.6 114.0 171.0
115 57.7 48.1 72.1



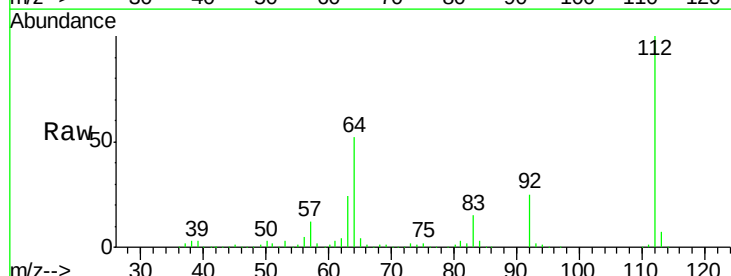
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



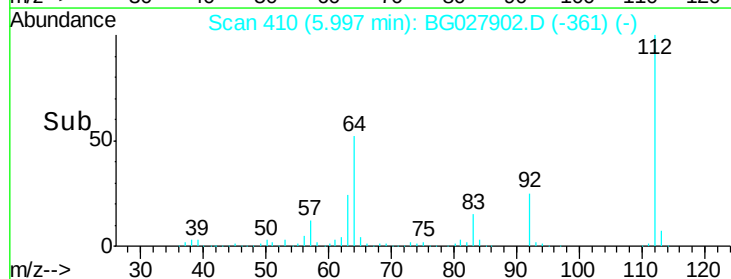
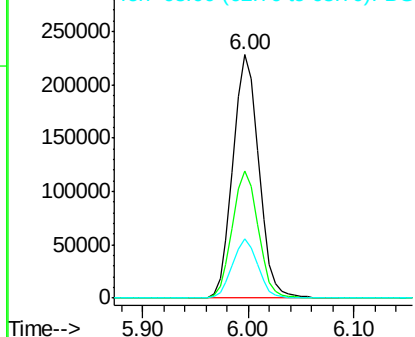
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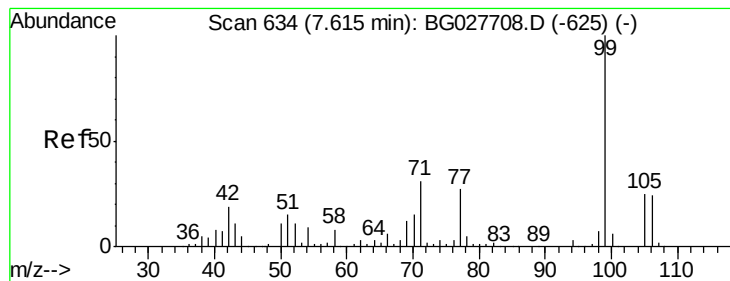
2-Fluorophenol
Concen: 130.344 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027902.D
Acq: 11 Jul 2017 00:44

Tgt Ion:112 Resp: 385360
Ion Ratio Lower Upper
112 100
64 52.5 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: 104.702 ng

RT: 7.57 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG027902.D

Acq: 11 Jul 2017 00:44

Instrument :

BNA_G

ClientSampleId :

CIY-WC-S-1-0-10

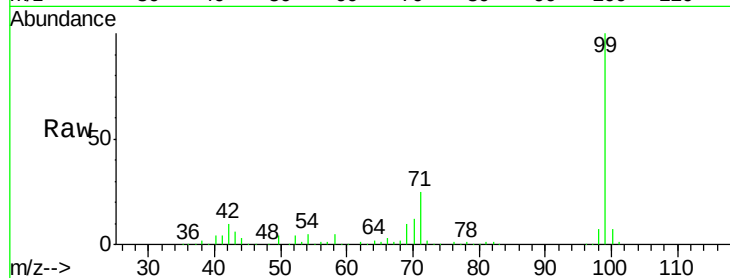
Tgt Ion: 99 Resp: 472897

Ion Ratio Lower Upper

99 100

42 10.3 20.5 30.7#

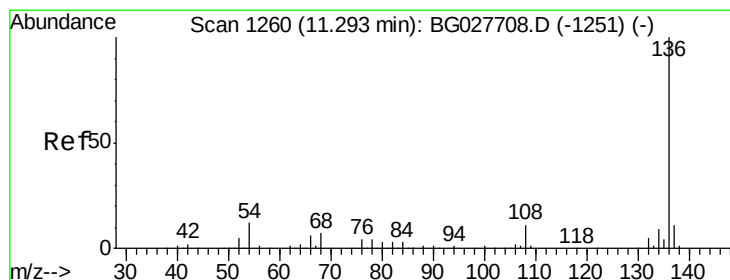
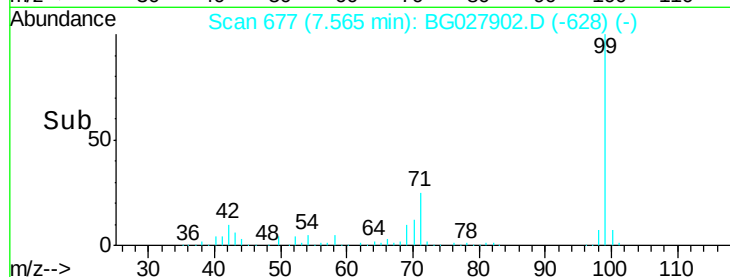
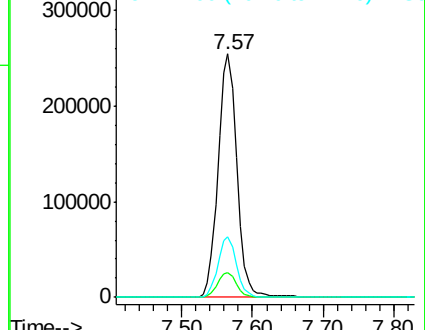
71 24.9 37.6 56.4#



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: 11.23 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG027902.D

Acq: 11 Jul 2017 00:44

Tgt Ion: 136 Resp: 197550

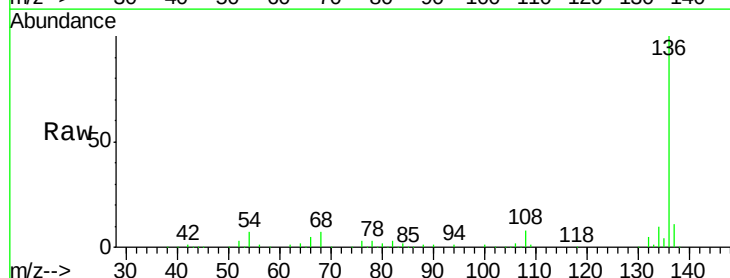
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.8 9.3 13.9#

68 7.0 5.1 7.7

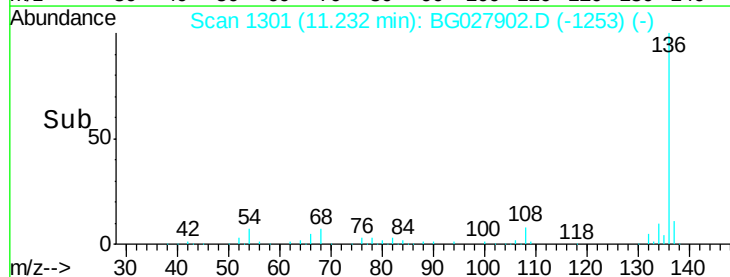
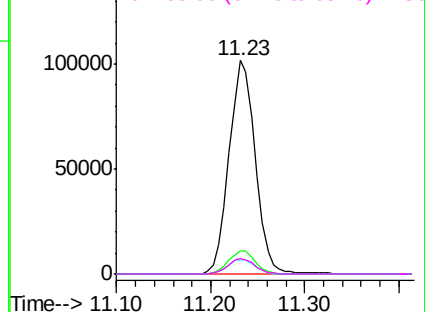


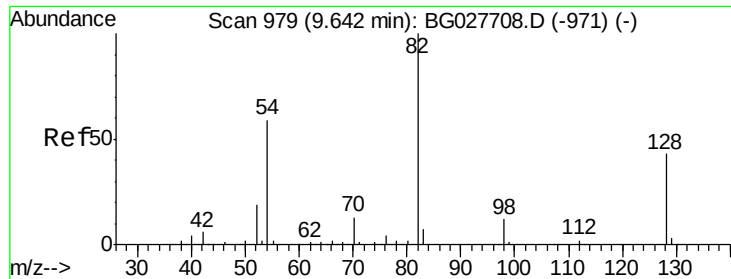
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

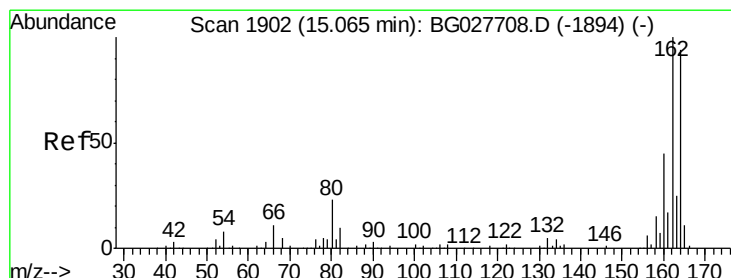
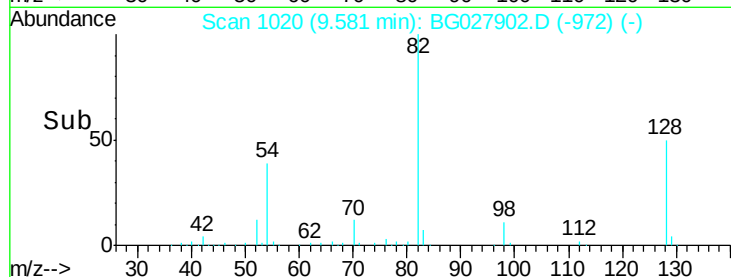
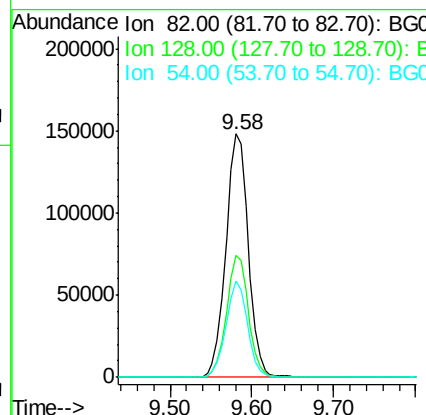
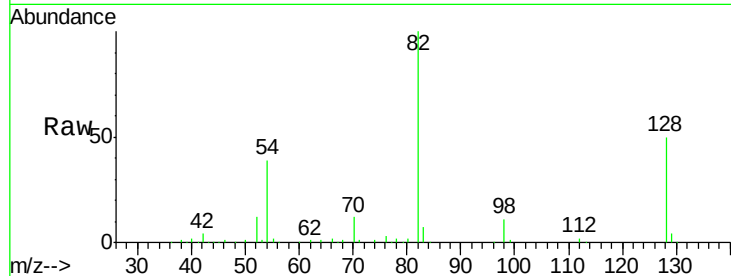




#23
 Nitrobenzene-d5
 Concen: 79.807 ng
 RT: 9.58 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BG027902.D
 Acq: 11 Jul 2017 00:44

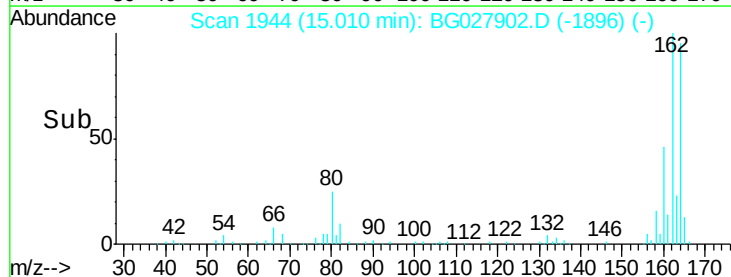
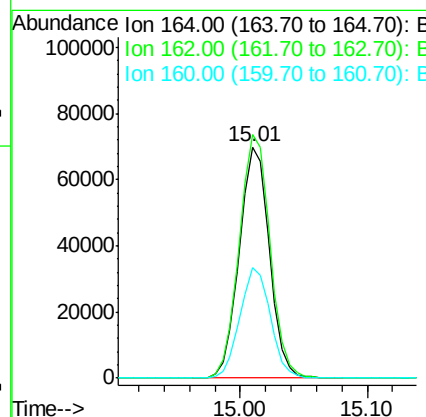
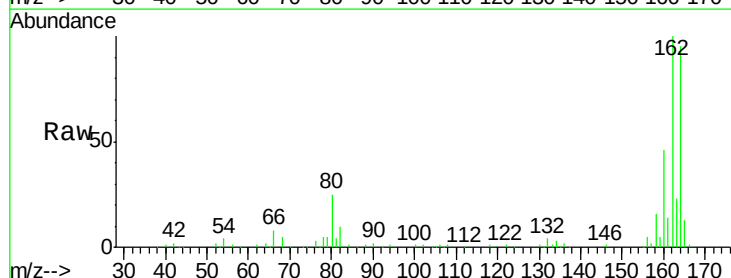
Instrument :
 BNA_G
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 CIY-WC-S-1-0-10

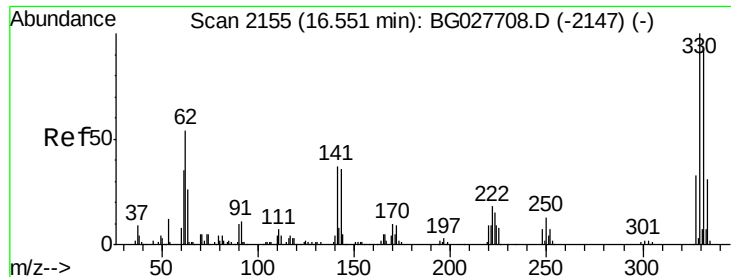
Tgt Ion: 82 Resp: 282842
 Ion Ratio Lower Upper
 82 100
 128 49.9 26.4 39.6#
 54 39.5 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.01 min Scan# 1944
 Delta R.T. -0.02 min
 Lab File: BG027902.D
 Acq: 11 Jul 2017 00:44

Tgt Ion: 164 Resp: 114662
 Ion Ratio Lower Upper
 164 100
 162 105.3 85.1 127.7
 160 47.9 34.7 52.1

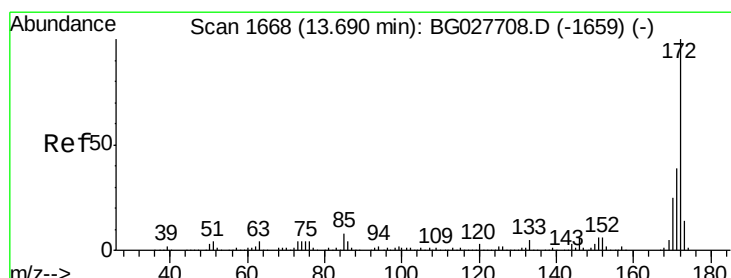
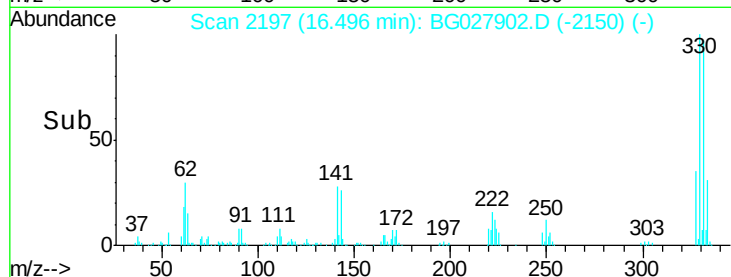
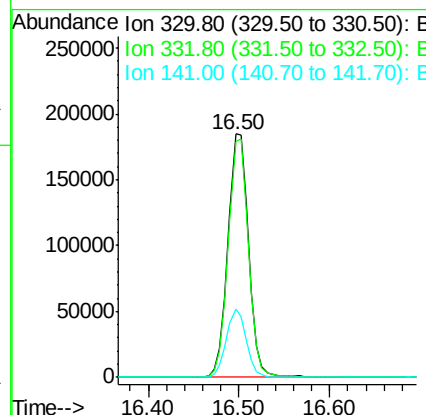
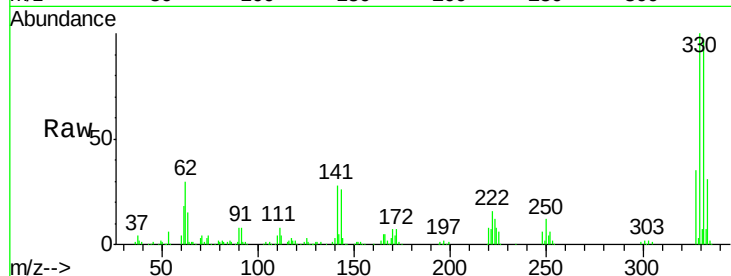




#41
 2,4,6-Tribromophenol
 Concen: 184.749 ng
 RT: 16.50 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG027902.D
 Acq: 11 Jul 2017 00:44

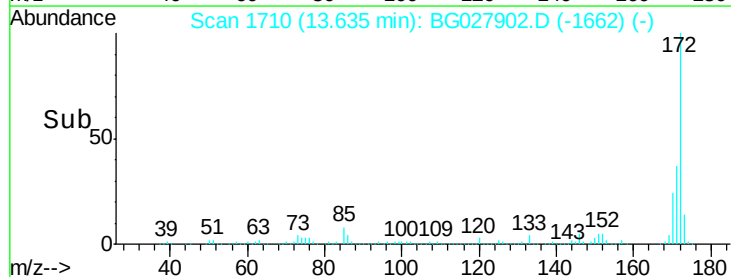
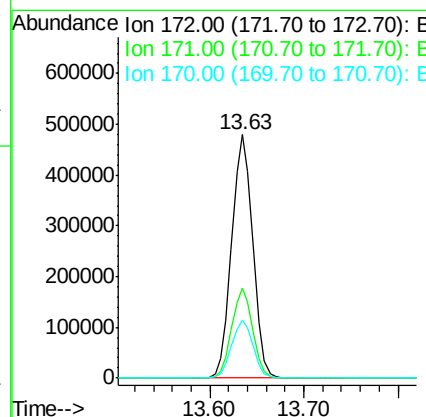
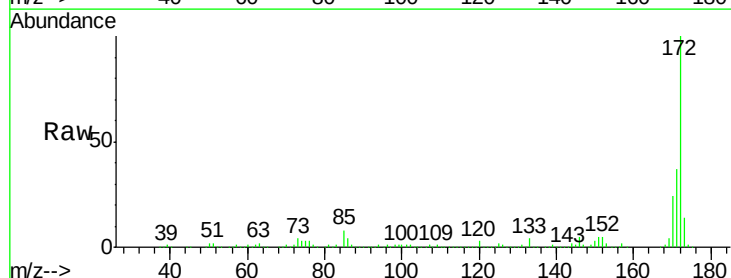
Instrument :
 BNA_G
 ClientSampleId :
 CIY-WC-S-1-0-10

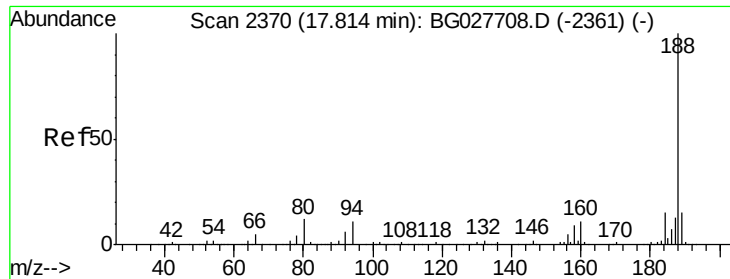
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	27.1	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 93.044 ng
 RT: 13.63 min Scan# 1710
 Delta R.T. -0.02 min
 Lab File: BG027902.D
 Acq: 11 Jul 2017 00:44

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

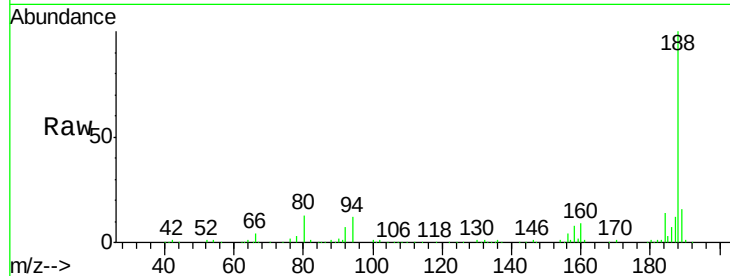




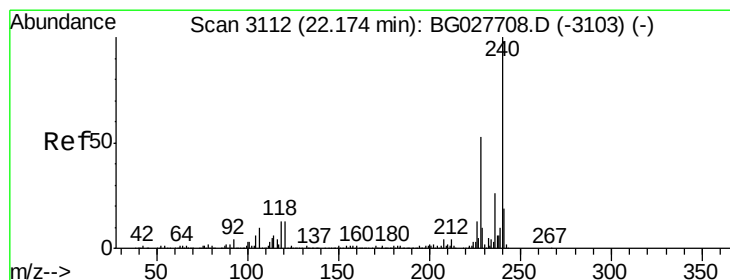
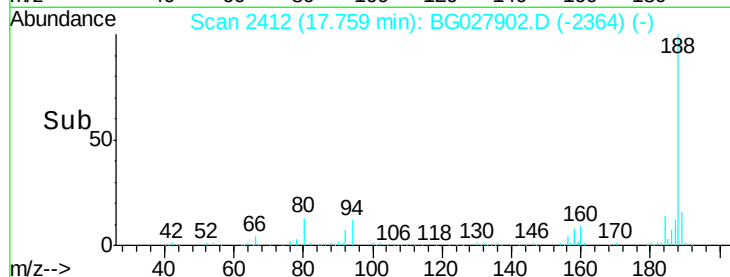
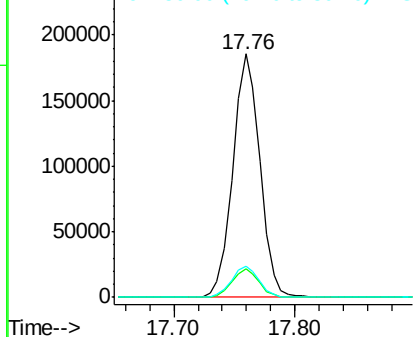
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.76 min Scan# 2412
Delta R.T. -0.02 min
Lab File: BG027902.D
Acq: 11 Jul 2017 00:44

Instrument :
BNA_G
ClientSampleId :
CIY-WC-S-1-0-10

Tgt Ion:188 Resp: 290462
Ion Ratio Lower Upper
188 100
94 11.6 5.8 8.8#
80 12.7 7.5 11.3#

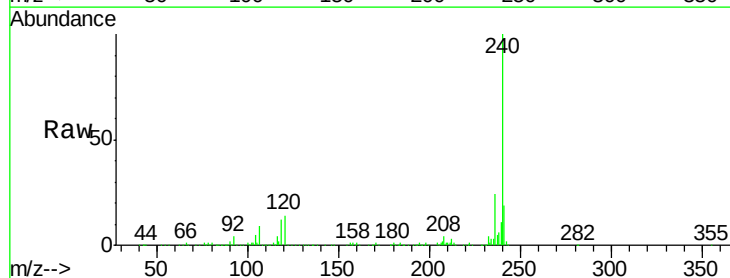


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

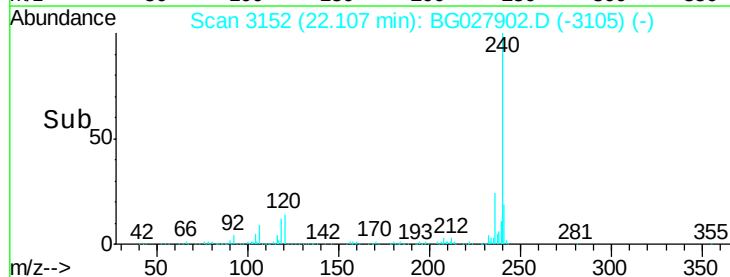
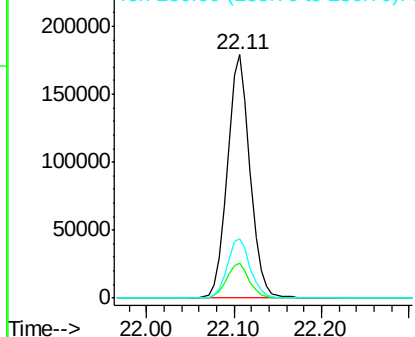


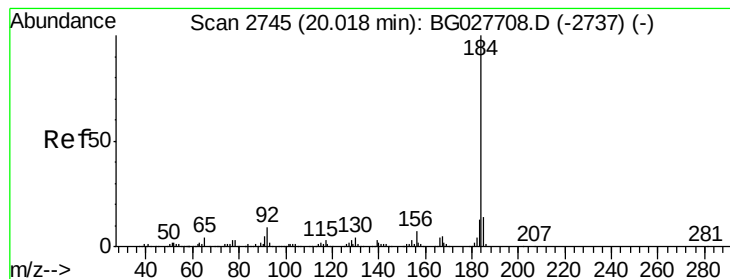
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.11 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG027902.D
Acq: 11 Jul 2017 00:44

Tgt Ion:240 Resp: 315454
Ion Ratio Lower Upper
240 100
120 14.4 5.7 8.5#
236 24.5 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: 6.868 ng

RT: 19.99 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG027902.D

Acq: 11 Jul 2017 00:44

Instrument :

BNA_G

ClientSampleId :

CIY-WC-S-1-0-10

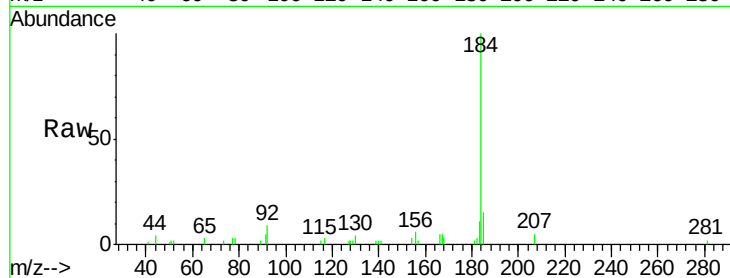
Tgt Ion:184 Resp: 29381

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

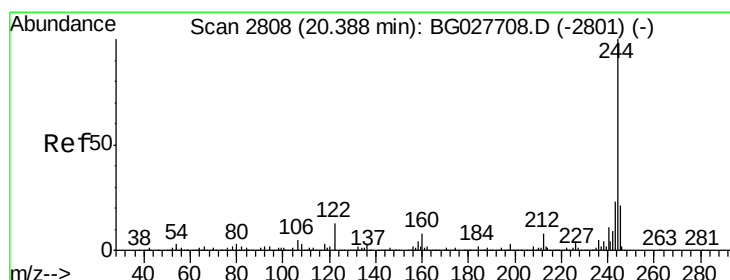
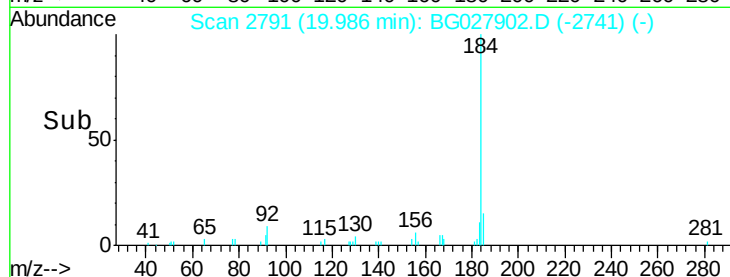
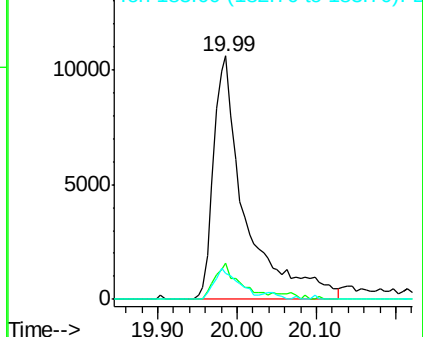
183 10.7 11.0 16.6#



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: 101.850 ng

RT: 20.34 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG027902.D

Acq: 11 Jul 2017 00:44

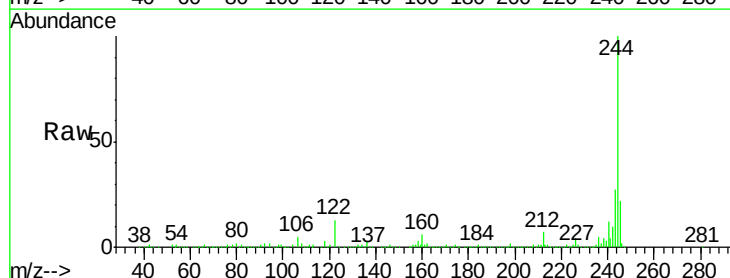
Tgt Ion:244 Resp: 1370477

Ion Ratio Lower Upper

244 100

212 6.8 10.0 15.0#

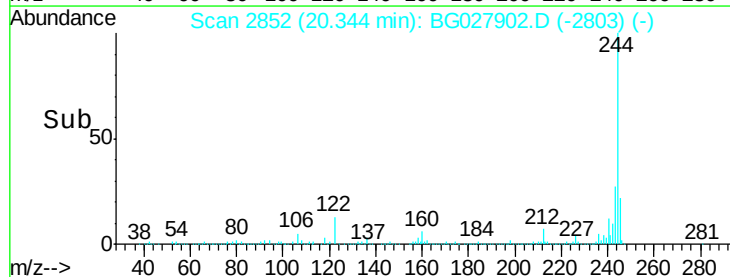
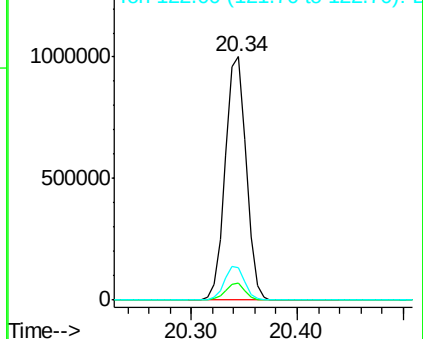
122 13.3 8.6 12.8#

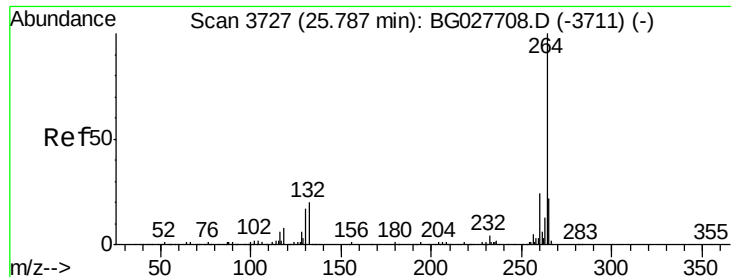


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.67 min Scan# 3758
Delta R.T. -0.03 min
Lab File: BG027902.D
Acq: 11 Jul 2017 00:44

Instrument :
BNA_G
ClientSampleId :
CIY-WC-S-1-0-10

Tgt Ion: 264 Resp: 308101
Ion Ratio Lower Upper
264 100
260 24.7 21.8 32.8
265 21.2 18.2 27.4

