

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070717\
 Data File : BG027872.D
 Acq On : 7 Jul 2017 17:20
 Operator : SJ/JU
 Sample : I4061-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-C

Quant Time: Jul 07 18:37:45 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

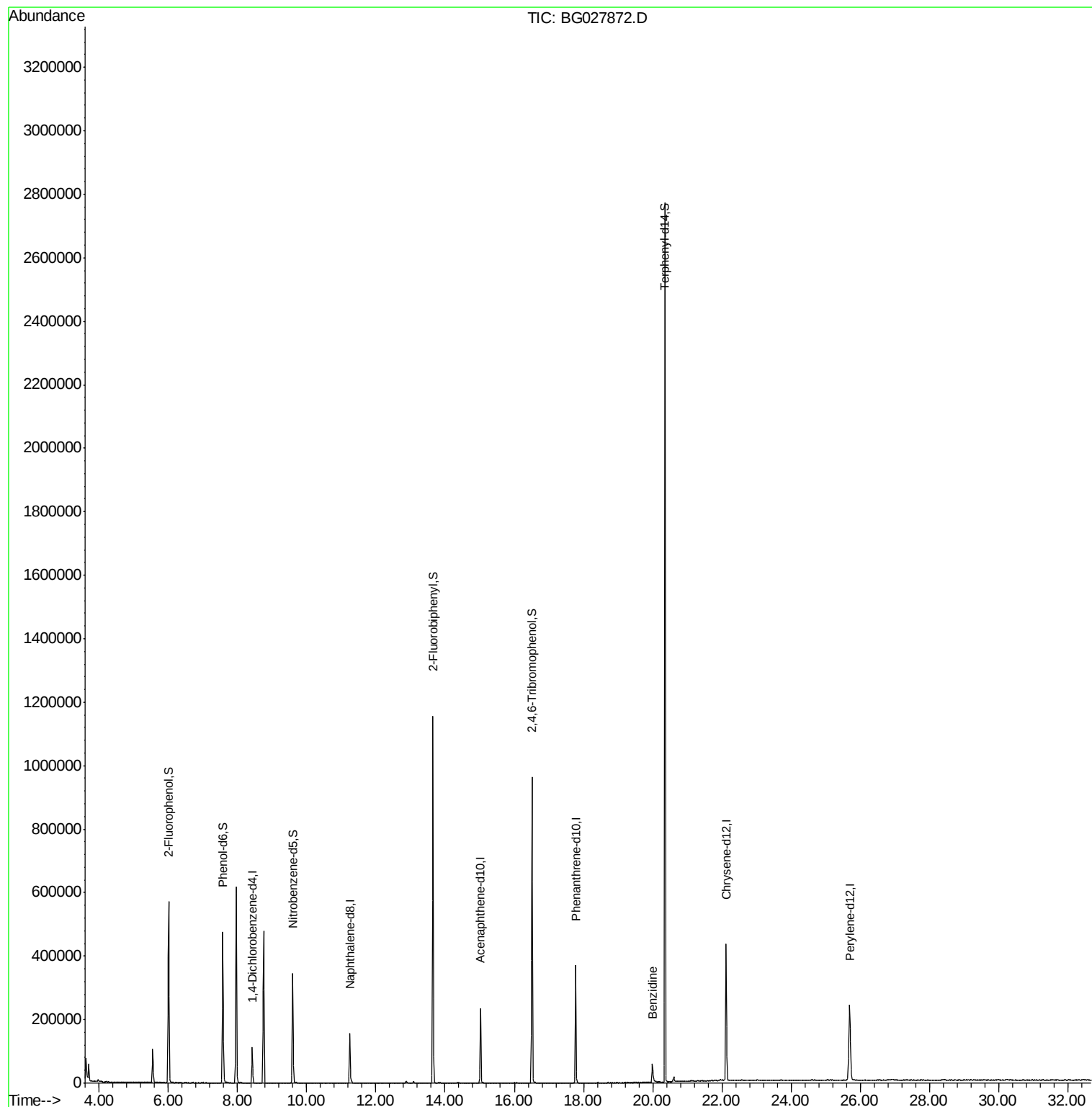
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	37359	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	161014	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	88021	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	231478	20.00	ng	0.00
75) Chrysene-d12	22.12	240	280311	20.00	ng	0.00
86) Perylene-d12	25.69	264	270434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	326846	134.72	ng	0.00
7) Phenol-d6	7.58	99	398900	107.63	ng	0.00
23) Nitrobenzene-d5	9.60	82	247318	85.62	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	231234	191.53	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	635088	103.05	ng	0.00
78) Terphenyl-d14	20.35	244	1278865	106.96	ng	0.00
Target Compounds						
76) Benzidine	20.00	184	55011	10.909	ng	Qvalue 95

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

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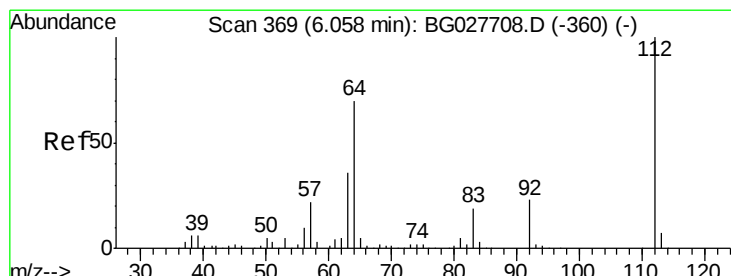
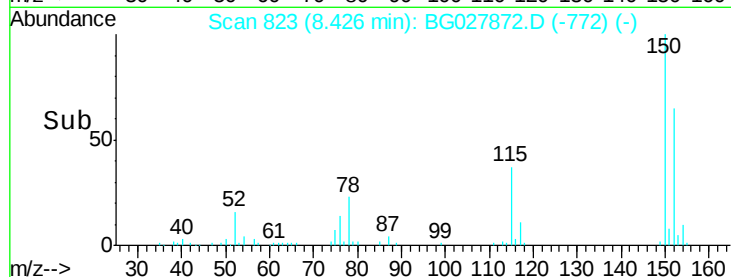
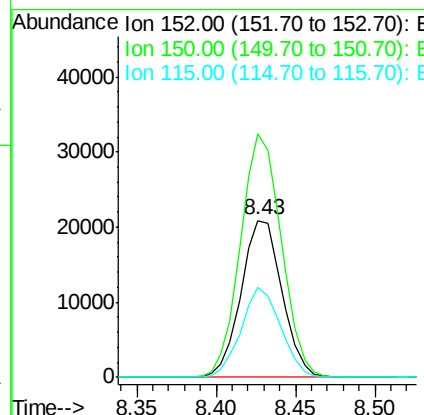
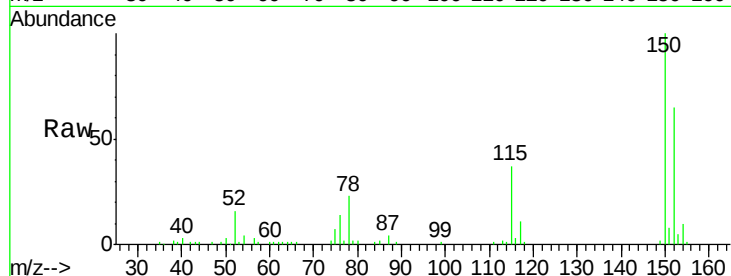




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.43 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG027872.D
 Acq: 7 Jul 2017 17:20

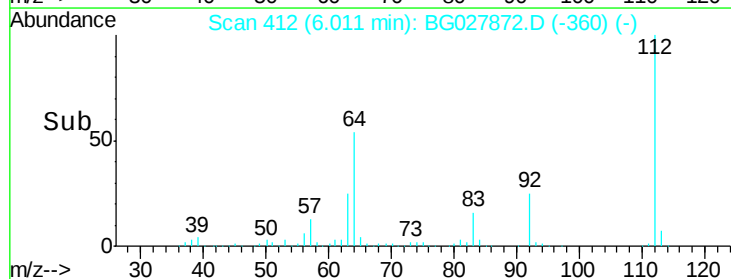
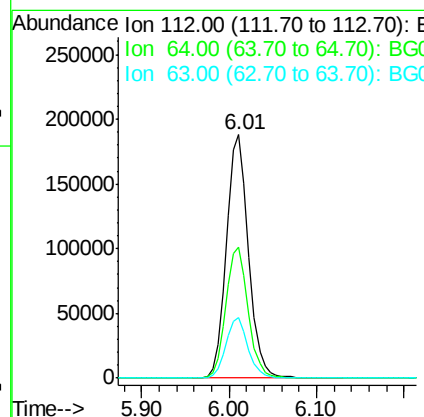
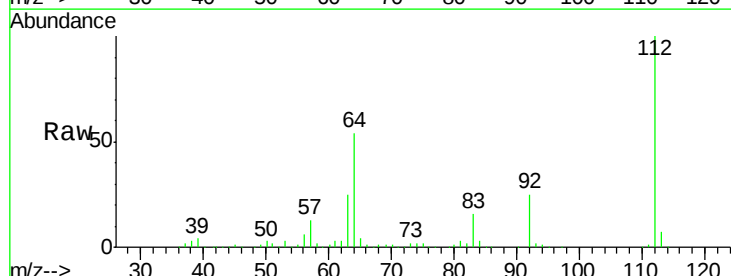
Instrument :
 BNA_G
 ClientSampleId :
 SP-1-C

Tgt Ion:152 Resp: 37359
 Ion Ratio Lower Upper
 152 100
 150 155.0 114.0 171.0
 115 57.1 48.1 72.1



#5
 2-Fluorophenol
 Concen: 134.723 ng
 RT: 6.01 min Scan# 412
 Delta R.T. 0.01 min
 Lab File: BG027872.D
 Acq: 7 Jul 2017 17:20

Tgt Ion:112 Resp: 326846
 Ion Ratio Lower Upper
 112 100
 64 53.6 61.8 92.6#
 63 24.6 37.2 55.8#





#7

Phenol-d6

Concen: 107.629 ng

RT: 7.58 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG027872.D

Acq: 7 Jul 2017 17:20

Instrument :

BNA_G

ClientSampleId :

SP-1-C

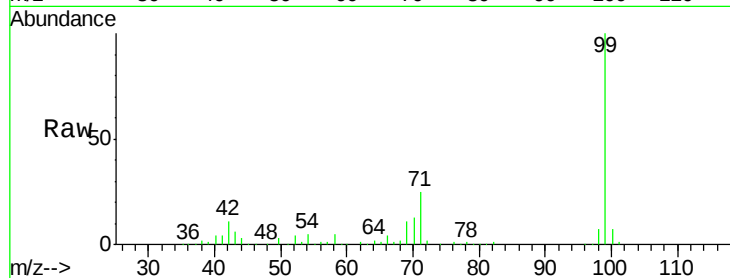
Tgt Ion: 99 Resp: 398900

Ion Ratio Lower Upper

99 100

42 10.7 20.5 30.7#

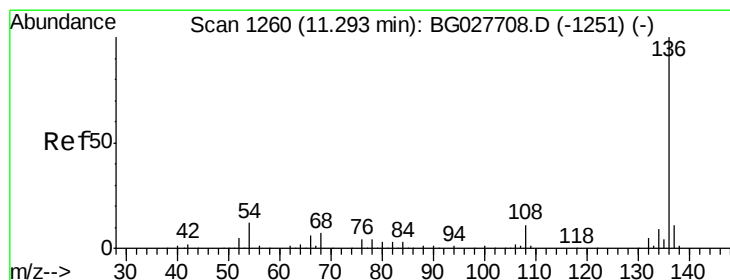
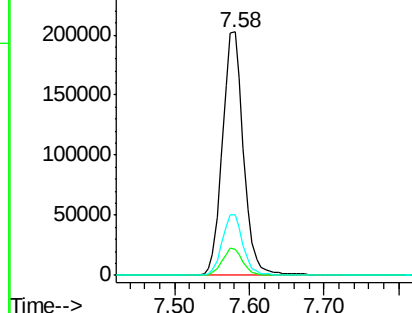
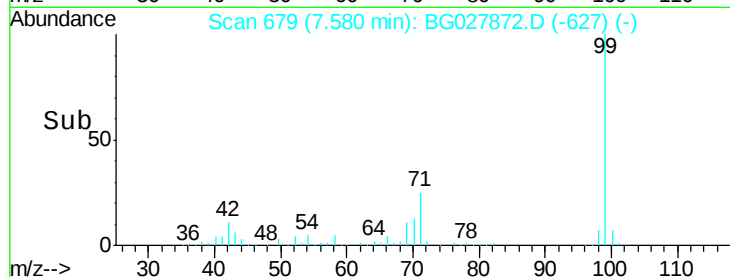
71 25.1 37.6 56.4#



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# 1303

Delta R.T. -0.00 min

Lab File: BG027872.D

Acq: 7 Jul 2017 17:20

Tgt Ion: 136 Resp: 161014

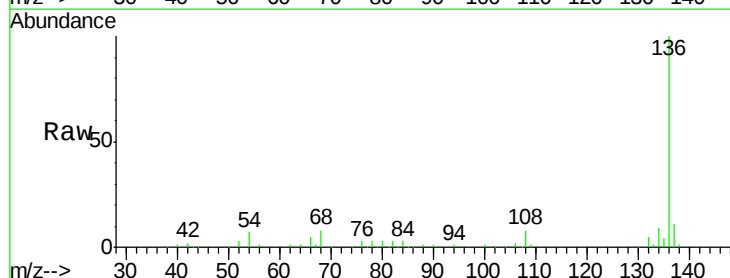
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.2 9.3 13.9#

68 7.8 5.1 7.7#

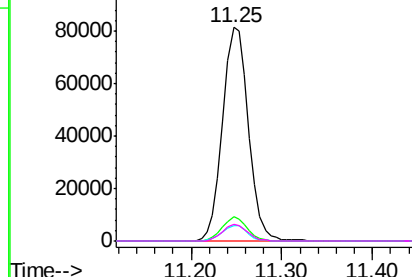
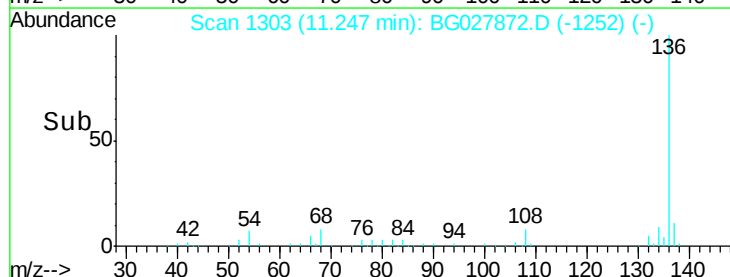


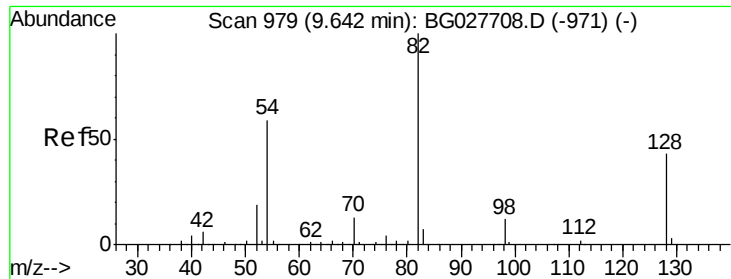
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

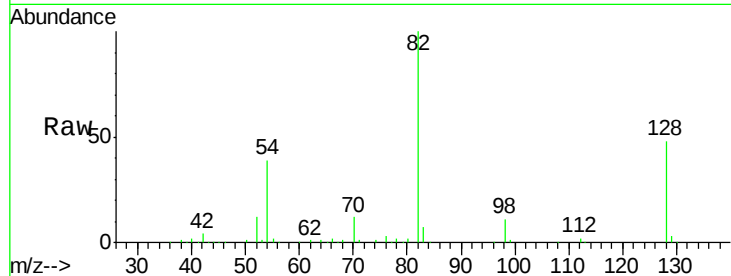




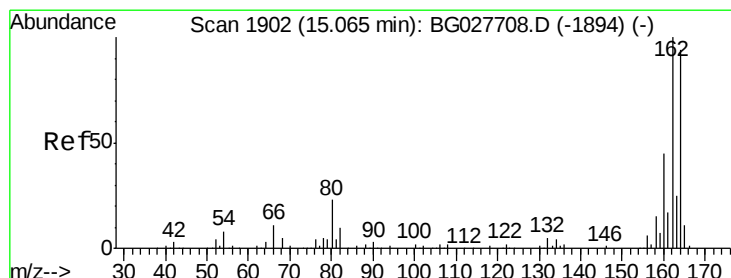
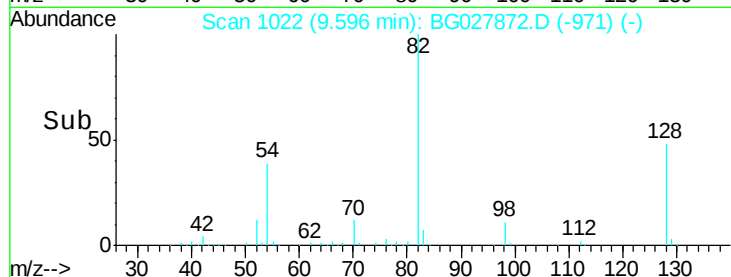
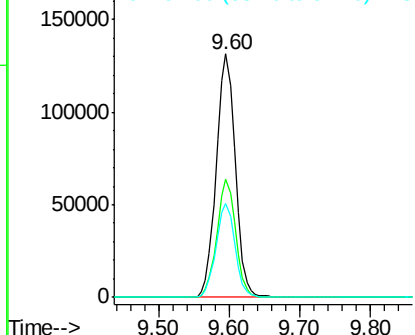
#23
 Nitrobenzene-d5
 Concen: 85.618 ng
 RT: 9.60 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG027872.D
 Acq: 7 Jul 2017 17:20

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-C

Tgt Ion: 82 Resp: 247318
 Ion Ratio Lower Upper
 82 100
 128 48.4 26.4 39.6#
 54 38.7 49.4 74.2#

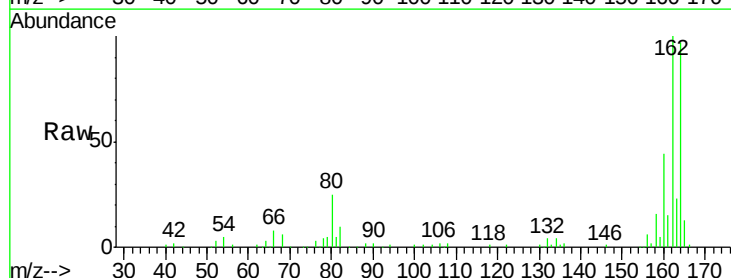


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

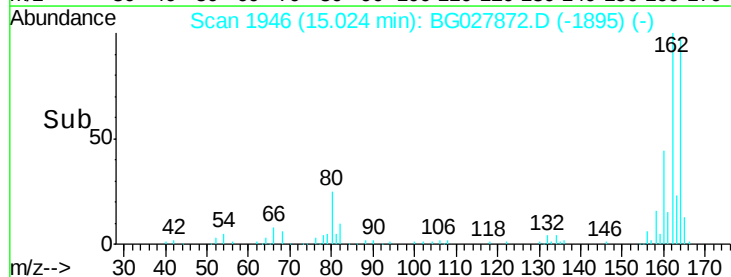
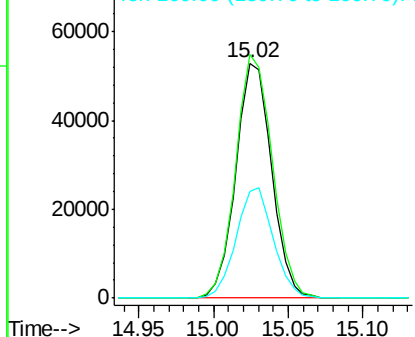


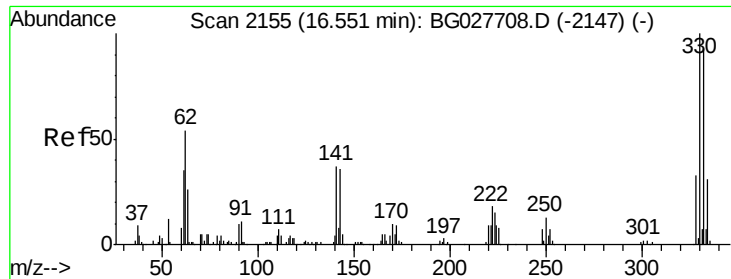
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.02 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG027872.D
 Acq: 7 Jul 2017 17:20

Tgt Ion: 164 Resp: 88021
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.1 127.7
 160 45.5 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: 191.529 ng

RT: 16.52 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG027872.D

Acq: 7 Jul 2017 17:20

Instrument :

BNA_G

ClientSampleId :

SP-1-C

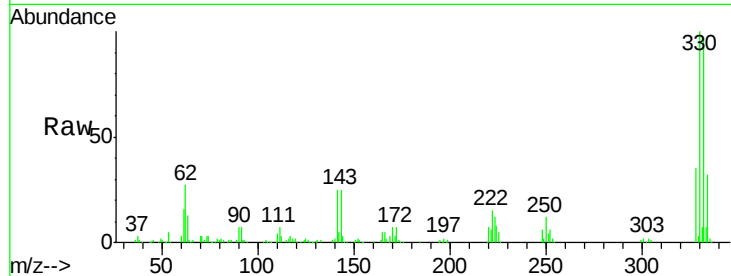
Tgt Ion:330 Resp: 231234

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

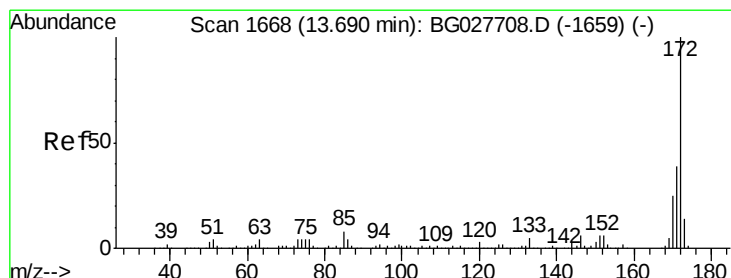
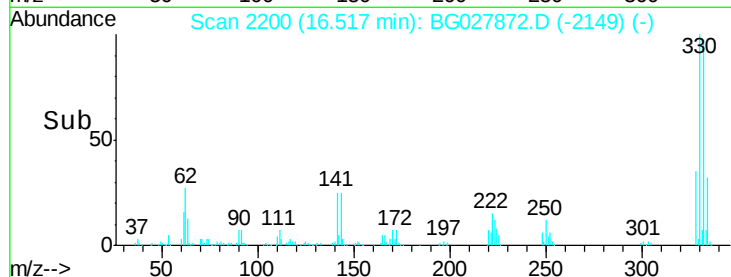
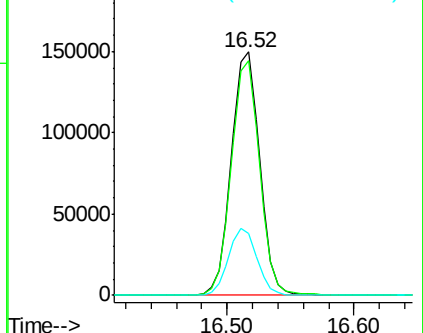
141 27.9 32.1 48.1#



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: 103.045 ng

RT: 13.65 min Scan# 1712

Delta R.T. -0.00 min

Lab File: BG027872.D

Acq: 7 Jul 2017 17:20

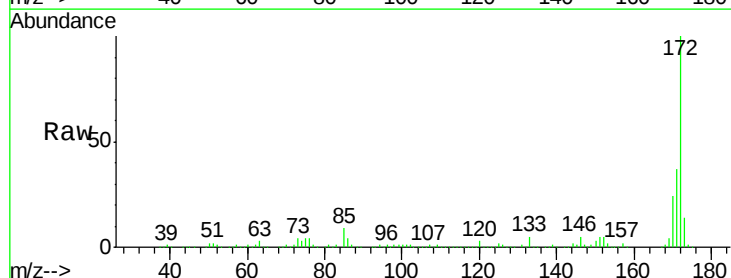
Tgt Ion:172 Resp: 635088

Ion Ratio Lower Upper

172 100

171 37.3 32.2 48.2

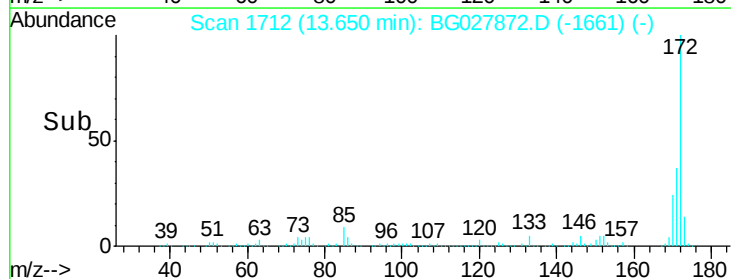
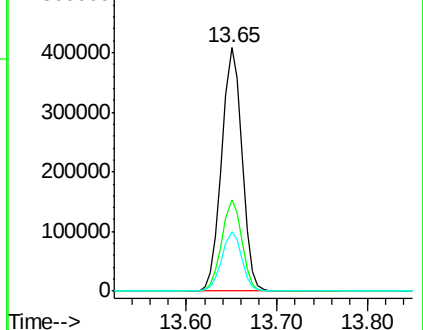
170 24.3 21.8 32.6

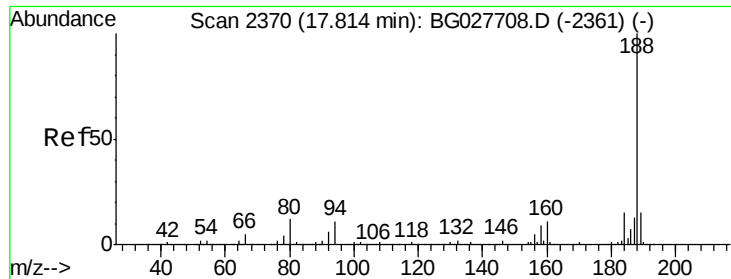


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

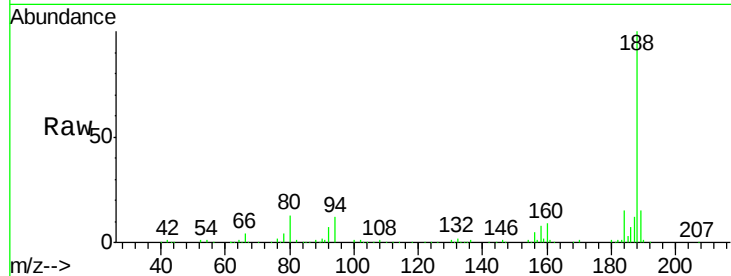




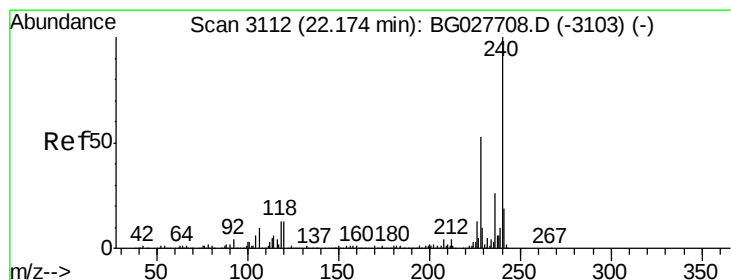
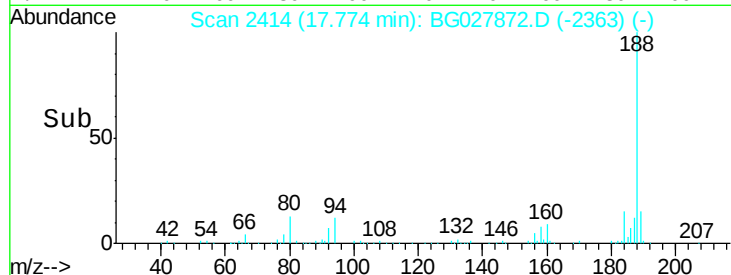
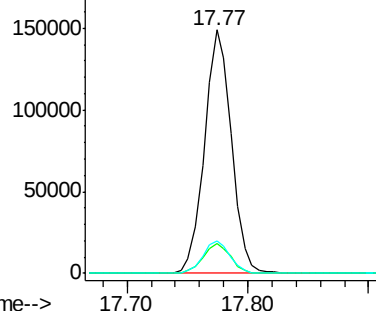
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.77 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG027872.D
Acq: 7 Jul 2017 17:20

Instrument :
BNA_G
ClientSampleId :
SP-1-C

Tgt Ion:188 Resp: 231478
Ion Ratio Lower Upper
188 100
94 12.0 5.8 8.8#
80 13.4 7.5 11.3#

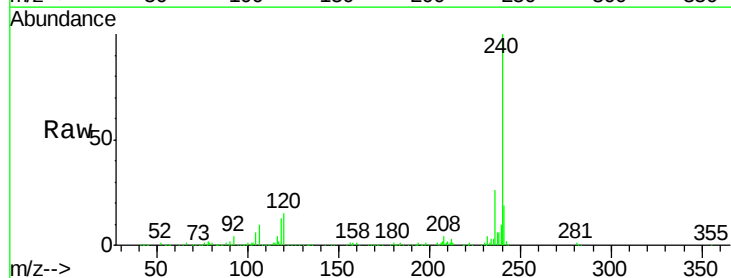


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

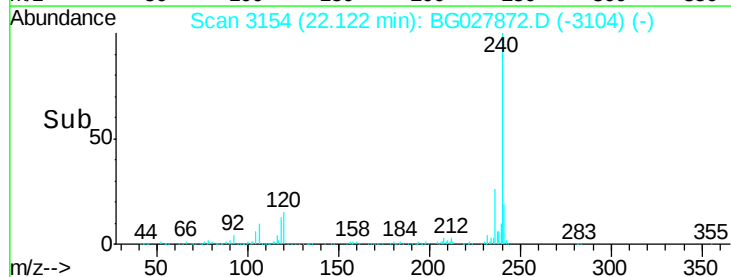
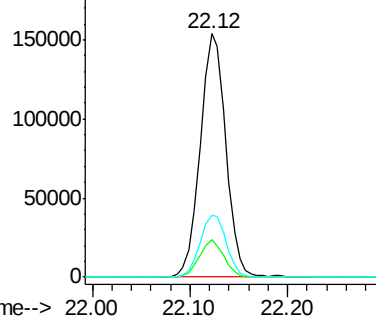


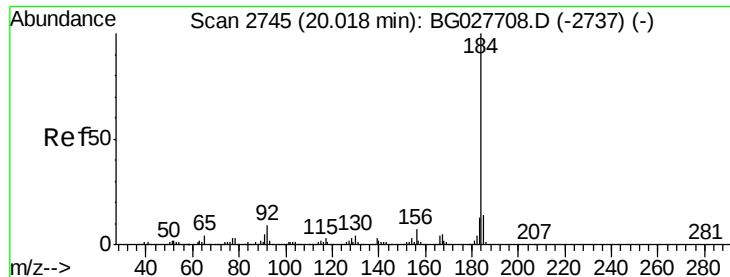
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.12 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG027872.D
Acq: 7 Jul 2017 17:20

Tgt Ion:240 Resp: 280311
Ion Ratio Lower Upper
240 100
120 15.4 5.7 8.5#
236 25.6 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

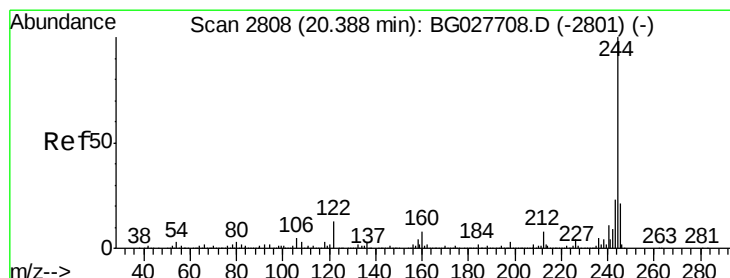
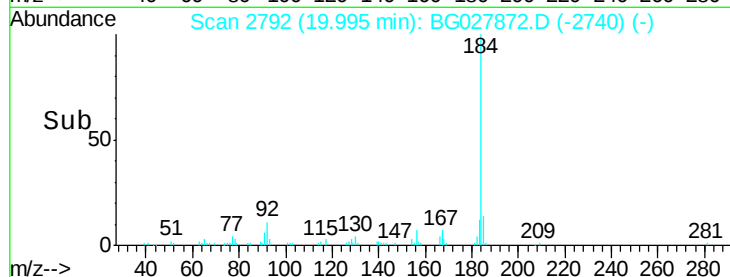
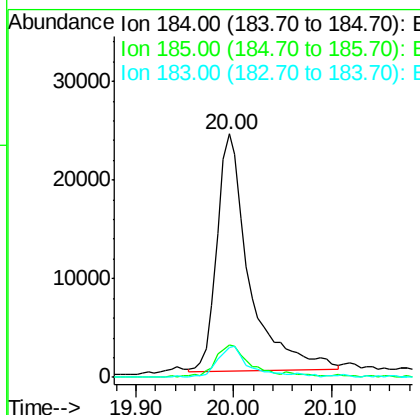
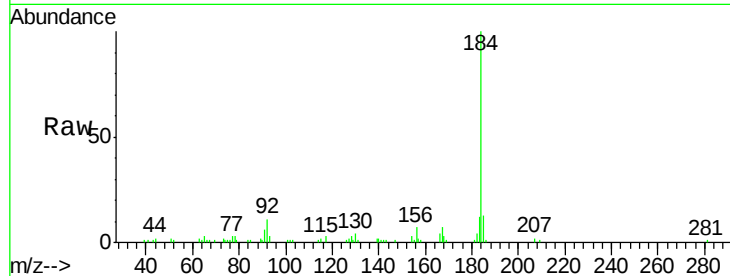




#76
Benzidine
Concen: 10.909 ng
RT: 20.00 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BG027872.D
Acq: 7 Jul 2017 17:20

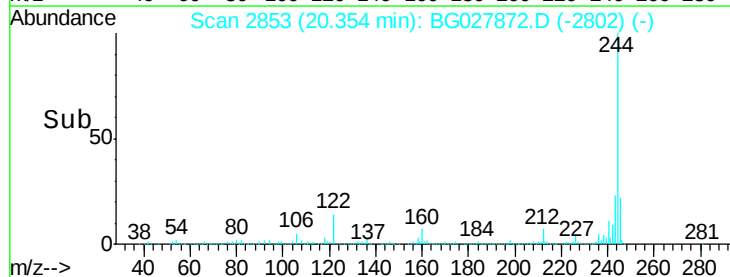
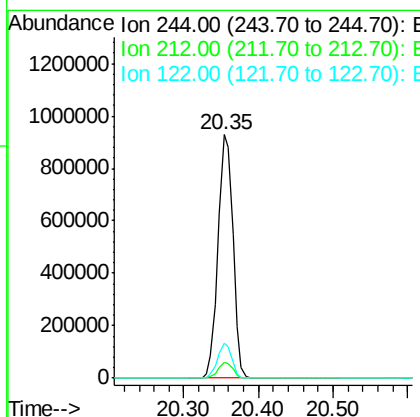
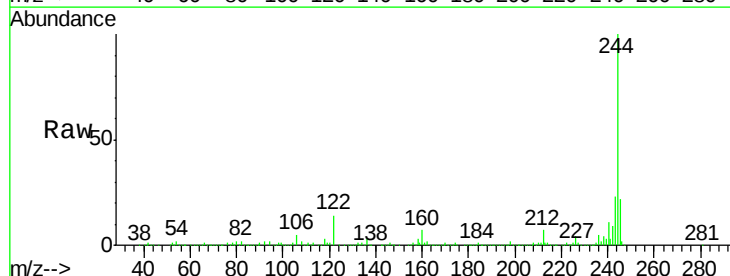
Instrument :
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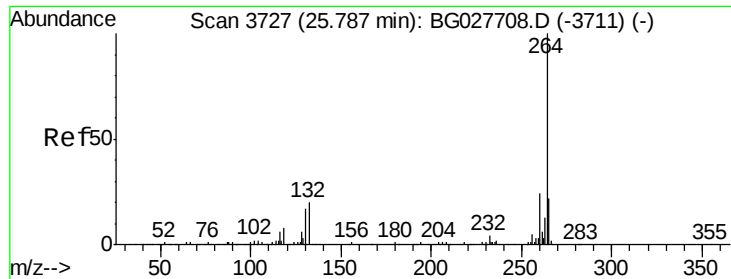
Tgt Ion:184 Resp: 55011
Ion Ratio Lower Upper
184 100
185 13.3 13.0 19.6
183 12.3 11.0 16.6



#78
Terphenyl-d14
Concen: 106.957 ng
RT: 20.35 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG027872.D
Acq: 7 Jul 2017 17:20

Tgt Ion:244 Resp: 1278865
Ion Ratio Lower Upper
244 100
212 6.5 10.0 15.0#
122 14.3 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: BG027872.D
Acq: 7 Jul 2017 17:20

Instrument :
BNA_G
ClientSampleId :
SP-1-C

Tgt Ion: 264 Resp: 270434
Ion Ratio Lower Upper
264 100
260 23.7 21.8 32.8
265 20.9 18.2 27.4

