

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
 Data File : BG027343.D
 Acq On : 9 Jun 2017 8:52
 Operator : SJ/MA
 Sample : I3460-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-109

Quant Time: Jun 09 11:05:12 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	49652	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	233255	20.00	ng	-0.03
38) Acenaphthene-d10	15.14	164	153513	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	372677	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	418583	20.00	ng	-0.04
86) Perylene-d12	25.96	264	393340	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	105698	32.48	ng	-0.01
7) Phenol-d6	7.69	99	101227	21.19	ng	-0.01
23) Nitrobenzene-d5	9.72	82	390921	105.40	ng	-0.03
41) 2,4,6-Tribromophenol	16.62	330	167379	82.80	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	901591	82.16	ng	-0.03
78) Terphenyl-d14	20.47	244	1449502	88.34	ng	-0.03

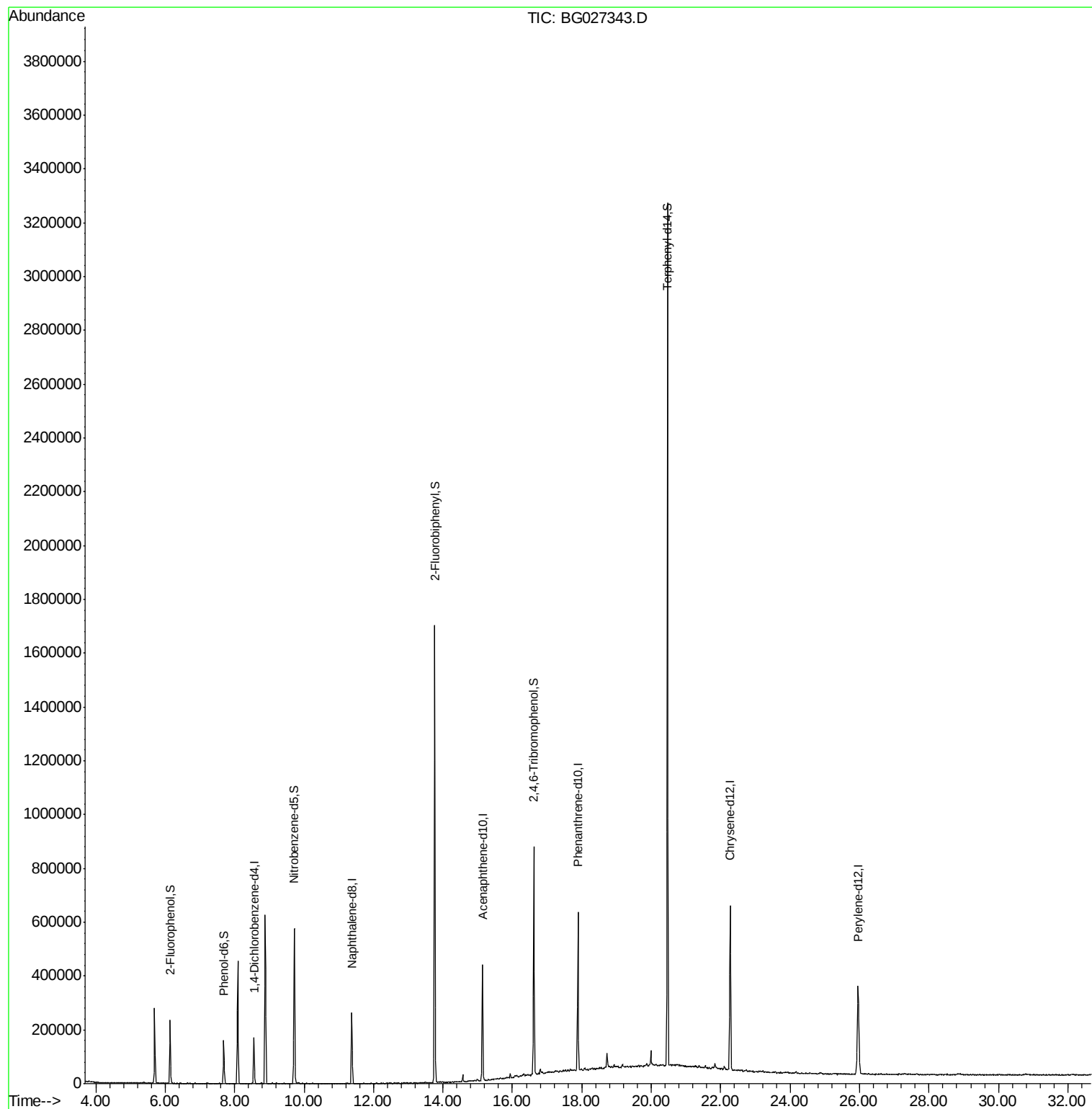
Target Compounds	Qvalue
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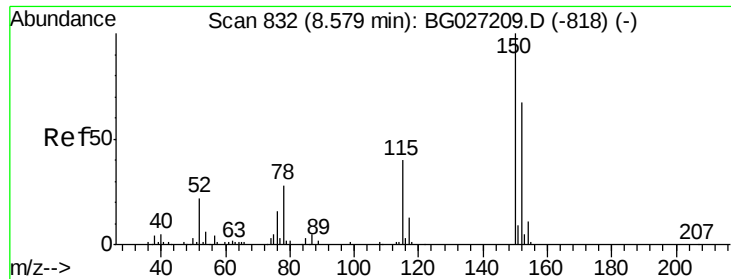
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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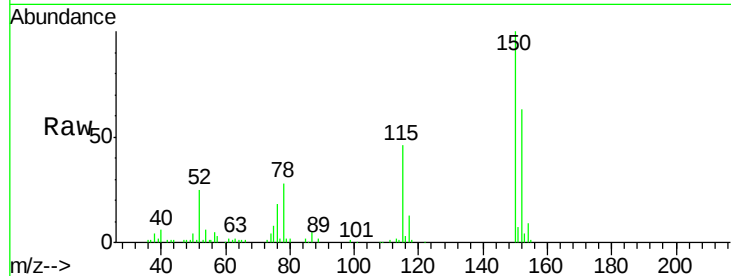


#1

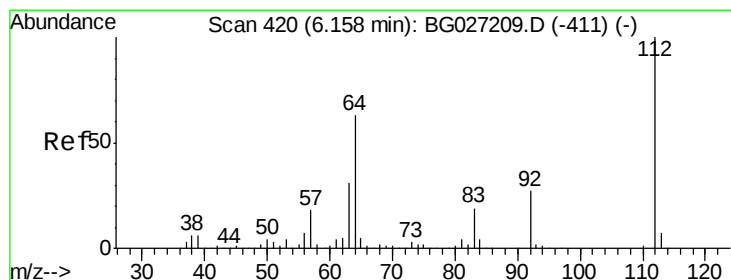
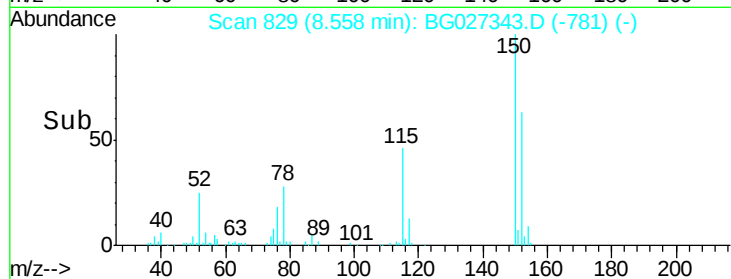
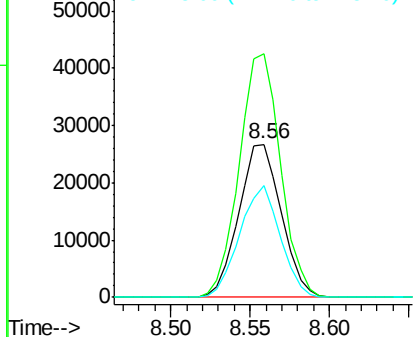
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027343.D
Acq: 9 Jun 2017 8:52

Instrument :
BNA_G
ClientSampled :
MW-109

Tgt Ion:152 Resp: 49652
Ion Ratio Lower Upper
152 100
150 159.1 114.0 171.0
115 72.9 48.1 72.1#



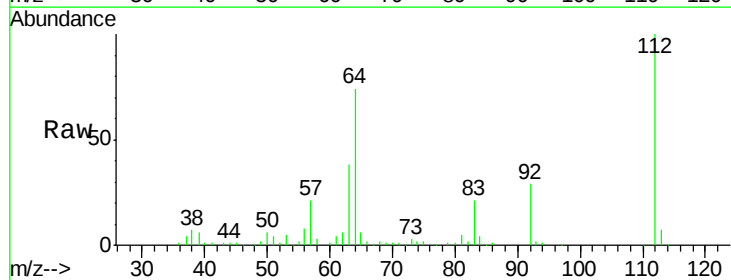
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



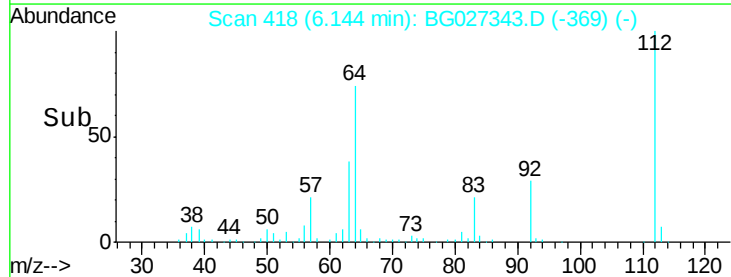
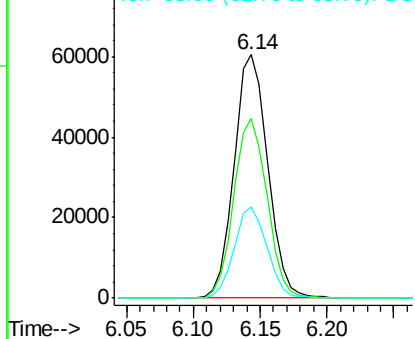
#5

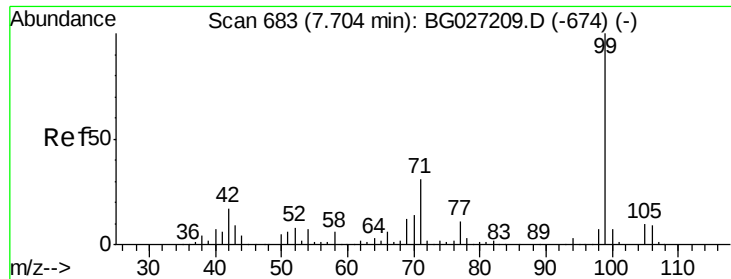
2-Fluorophenol
Concen: 32.484 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027343.D
Acq: 9 Jun 2017 8:52

Tgt Ion:112 Resp: 105698
Ion Ratio Lower Upper
112 100
64 73.7 61.8 92.6
63 37.6 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: 21.194 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027343.D

Acq: 9 Jun 2017 8:52

Instrument :

BNA_G

ClientSampleId :

MW-109

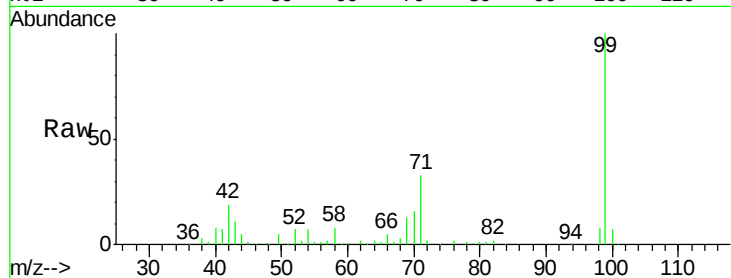
Tgt Ion: 99 Resp: 101227

Ion Ratio Lower Upper

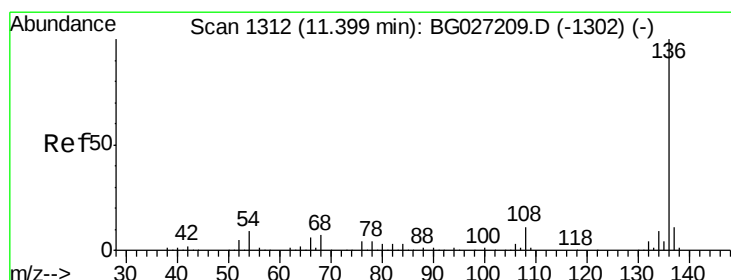
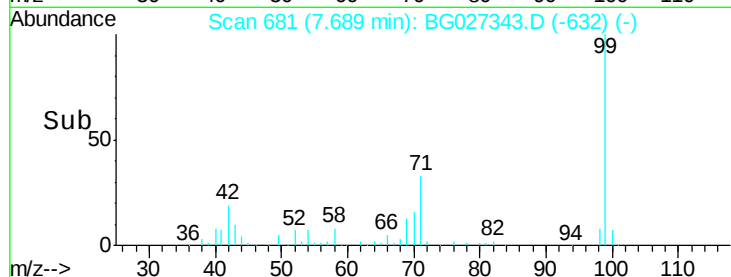
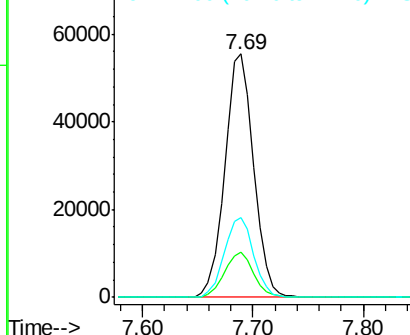
99 100

42 18.5 20.5 30.7#

71 32.8 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: 11.37 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BG027343.D

Acq: 9 Jun 2017 8:52

Tgt Ion: 136 Resp: 233255

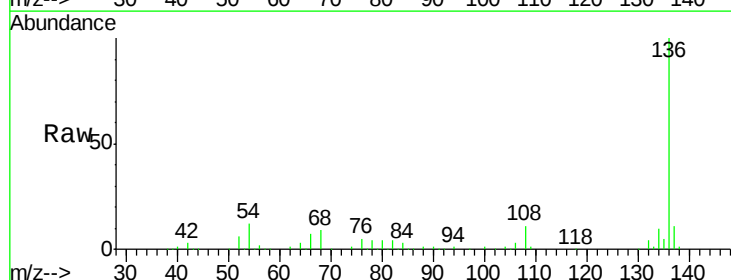
Ion Ratio Lower Upper

136 100

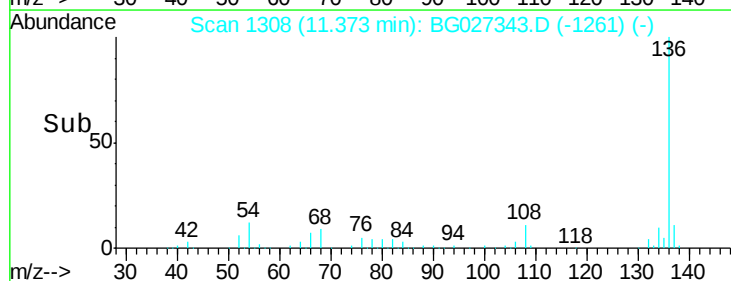
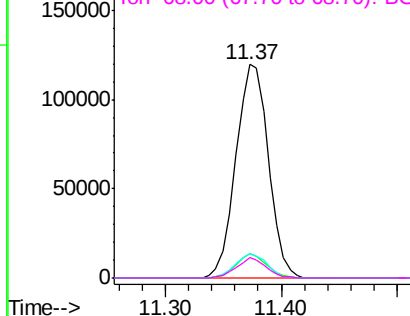
137 11.3 8.9 13.3

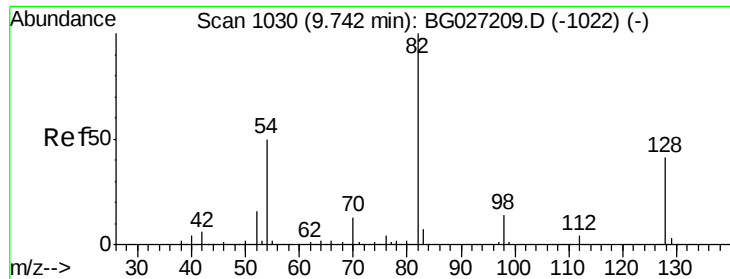
54 11.7 9.3 13.9

68 9.5 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

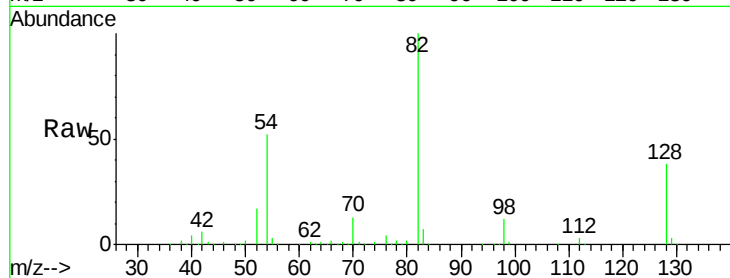




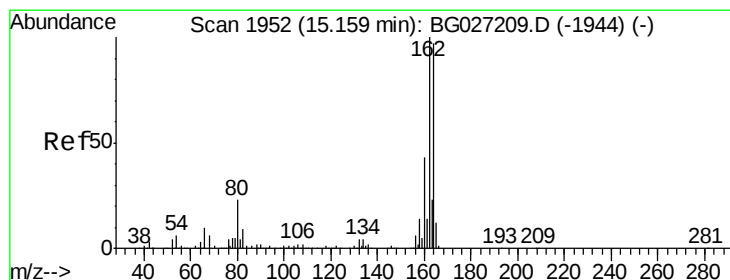
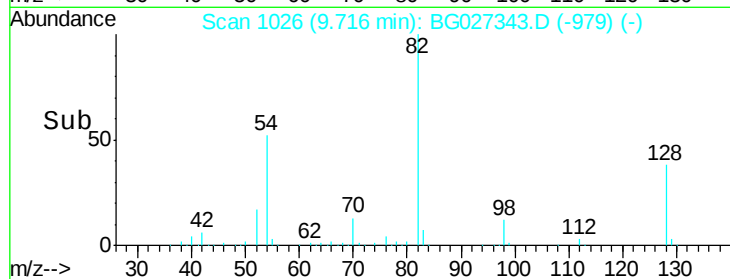
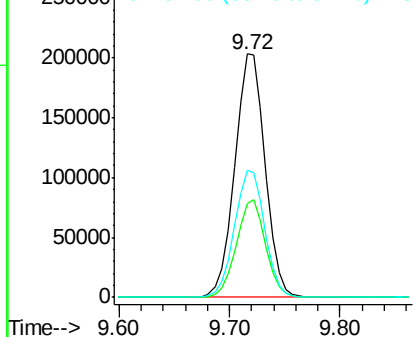
#23
Nitrobenzene-d5
Concen: 105.399 ng
RT: 9.72 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG027343.D
Acq: 9 Jun 2017 8:52

Instrument :
BNA_G
ClientSampleId :
MW-109

Tgt Ion: 82 Resp: 390921
Ion Ratio Lower Upper
82 100
128 38.3 26.4 39.6
54 52.2 49.4 74.2

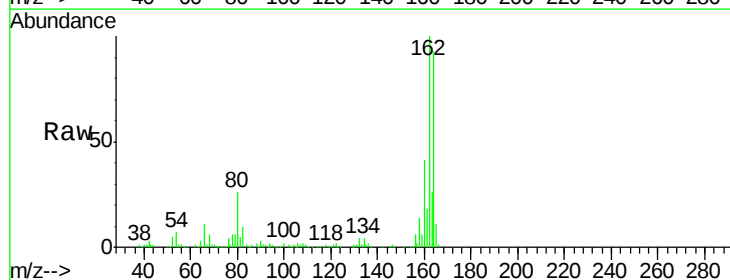


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

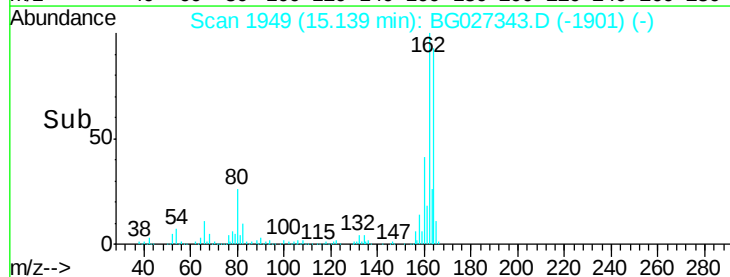
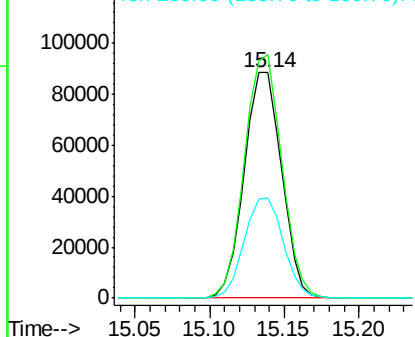


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.14 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027343.D
Acq: 9 Jun 2017 8:52

Tgt Ion: 164 Resp: 153513
Ion Ratio Lower Upper
164 100
162 108.0 85.1 127.7
160 44.3 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

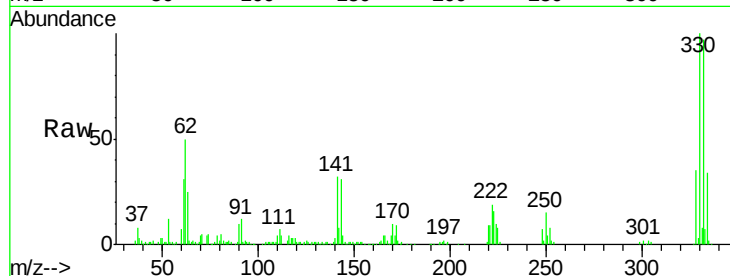




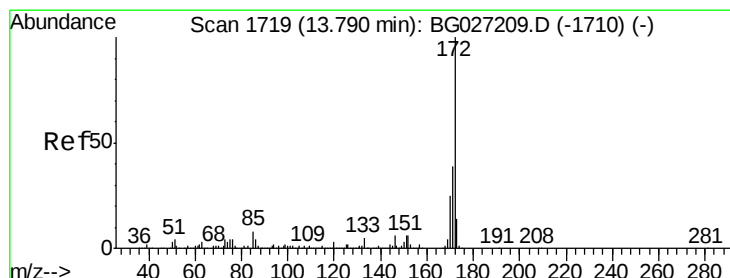
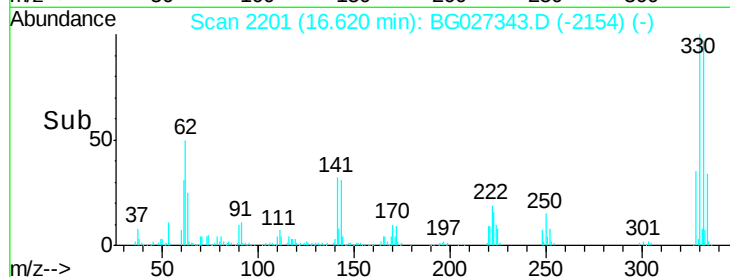
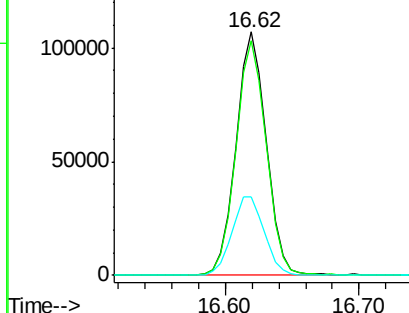
#41
 2,4,6-Tribromophenol
 Concen: 82.800 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027343.D
 Acq: 9 Jun 2017 8:52

Instrument :
 BNA_G
 ClientSampleId :
 MW-109

Tgt Ion:330 Resp: 167379
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 35.0 32.1 48.1

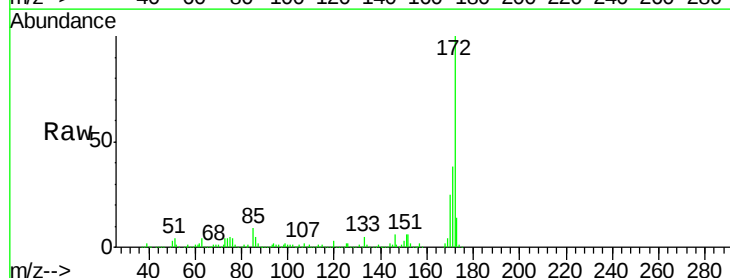


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

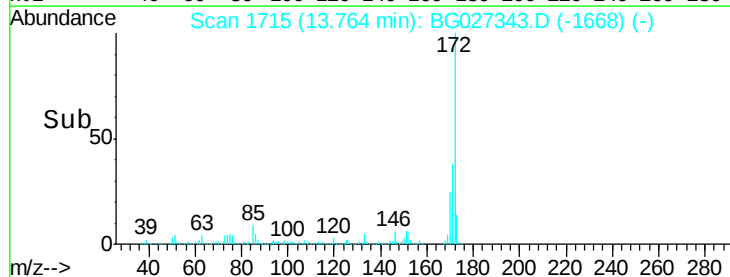
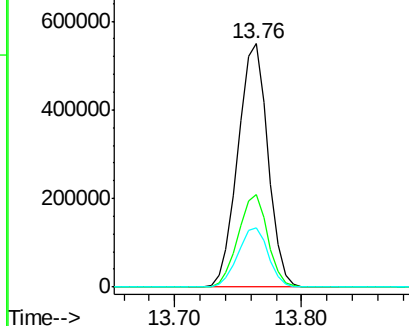


#44
 2-Fluorobiphenyl
 Concen: 82.163 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027343.D
 Acq: 9 Jun 2017 8:52

Tgt Ion:172 Resp: 901591
 Ion Ratio Lower Upper
 172 100
 171 37.8 32.2 48.2
 170 24.6 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

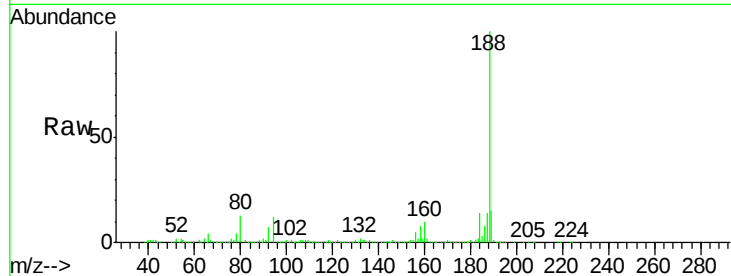




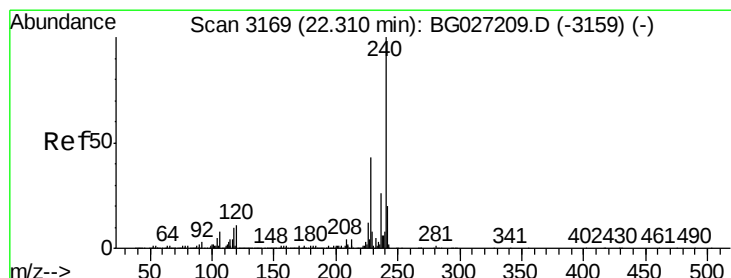
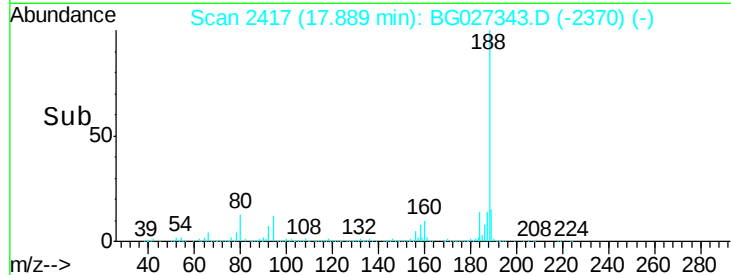
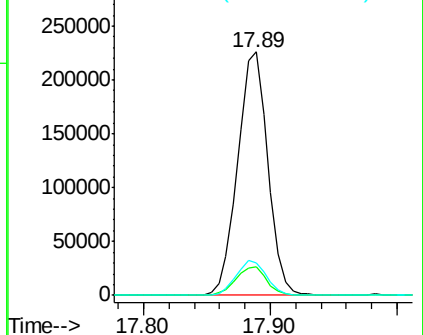
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027343.D
Acq: 9 Jun 2017 8:52

Instrument :
BNA_G
ClientSampleId :
MW-109

Tgt Ion:188 Resp: 372677
Ion Ratio Lower Upper
188 100
94 11.7 5.8 8.8#
80 13.4 7.5 11.3#

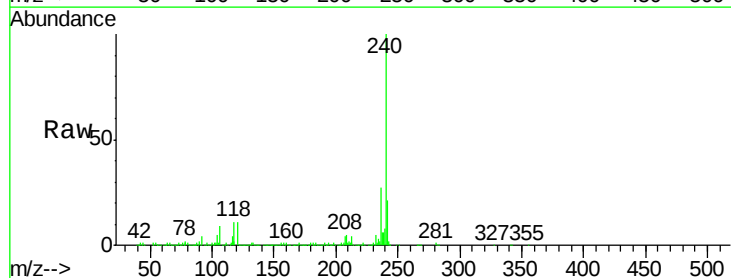


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

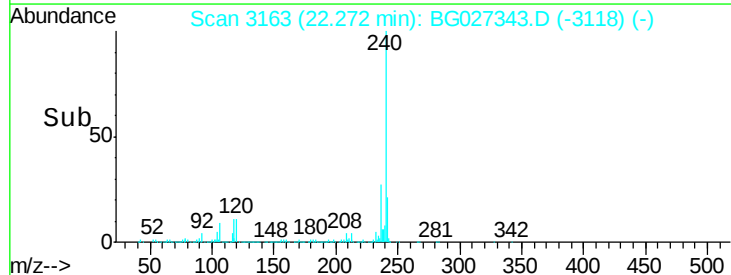
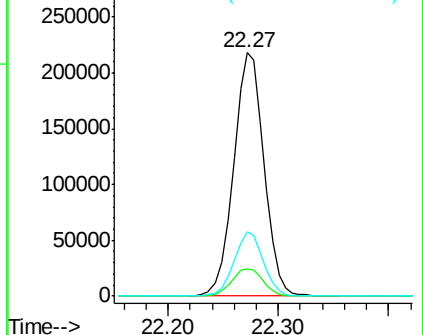


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027343.D
Acq: 9 Jun 2017 8:52

Tgt Ion:240 Resp: 418583
Ion Ratio Lower Upper
240 100
120 11.5 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





#78

Terphenyl-d14

Concen: 88.338 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.03 min

Lab File: BG027343.D

Acq: 9 Jun 2017 8:52

Instrument :

BNA_G

ClientSampleId :

MW-109

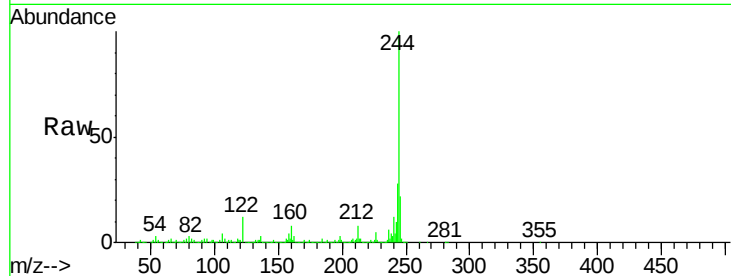
Tgt Ion:244 Resp: 1449502

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

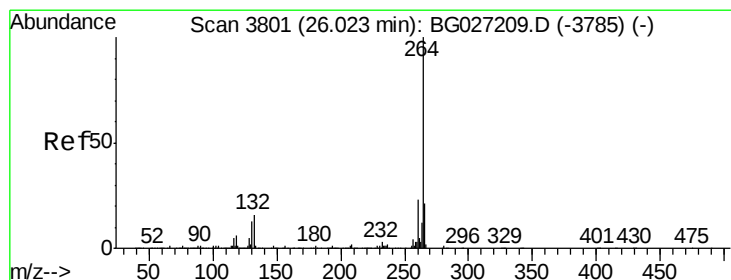
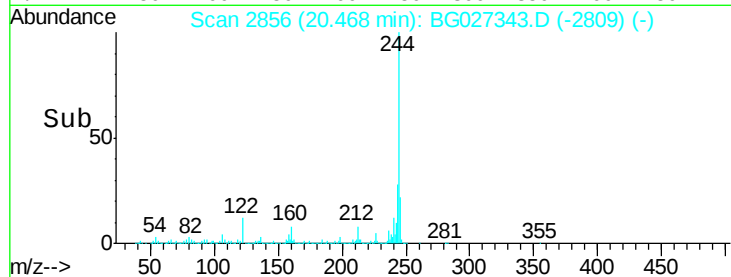
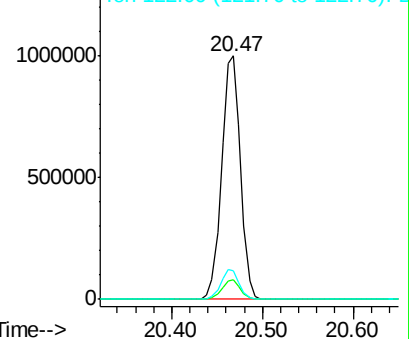
122 11.6 8.6 12.8



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: 25.96 min Scan# 3790

Delta R.T. -0.07 min

Lab File: BG027343.D

Acq: 9 Jun 2017 8:52

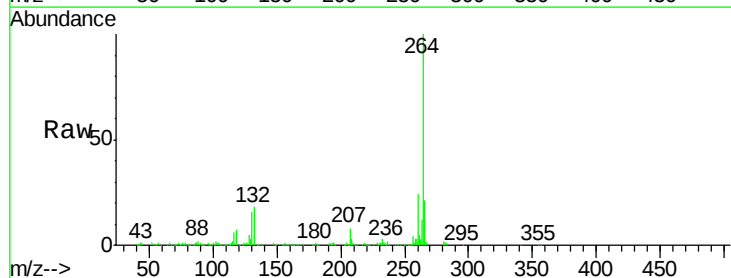
Tgt Ion:264 Resp: 393340

Ion Ratio Lower Upper

264 100

260 23.7 21.8 32.8

265 21.2 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

