

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
 Data File : BG027344.D
 Acq On : 9 Jun 2017 9:31
 Operator : SJ/MA
 Sample : I3460-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-112

Quant Time: Jun 09 11:07:40 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

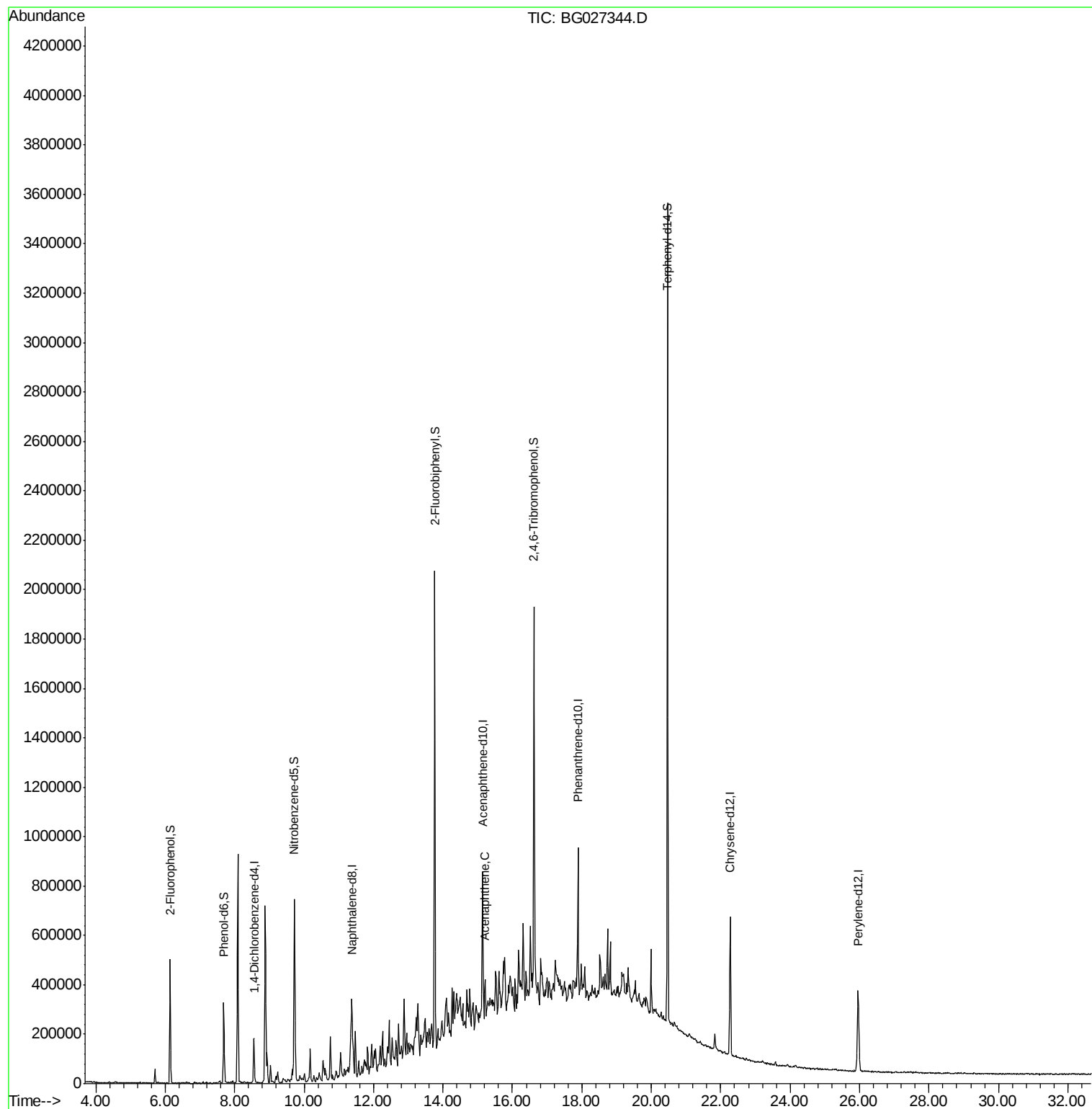
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	52405	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	254907	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	166001	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	350112	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	396479	20.00	ng	-0.04
86) Perylene-d12	25.96	264	387522	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	227676	66.30	ng	-0.01
7) Phenol-d6	7.69	99	209041	41.47	ng	-0.01
23) Nitrobenzene-d5	9.72	82	474074	116.96	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	327530	149.83	ng	-0.02
44) 2-Fluorobiphenyl	13.76	172	1004175	84.63	ng	-0.03
78) Terphenyl-d14	20.47	244	1471733	94.69	ng	-0.03
Target Compounds						
51) Acenaphthene	15.20	154	31773	2.841	ng	Qvalue 95

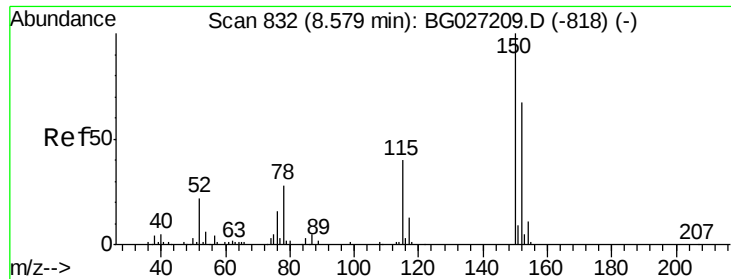
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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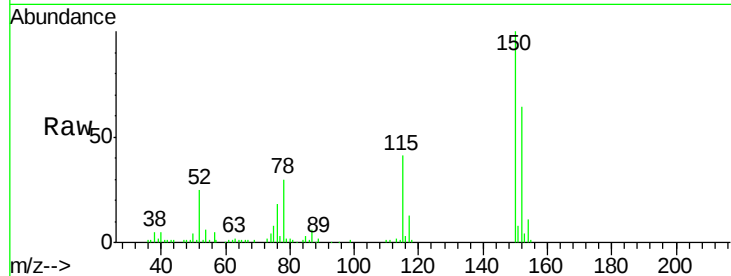


#1

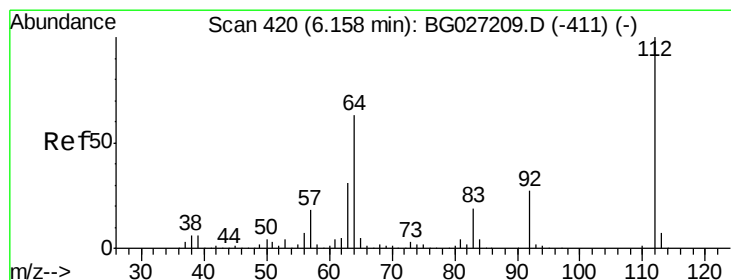
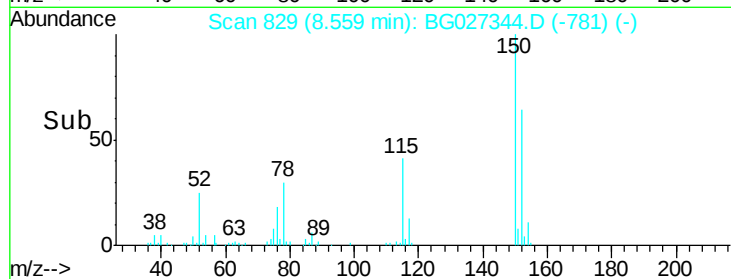
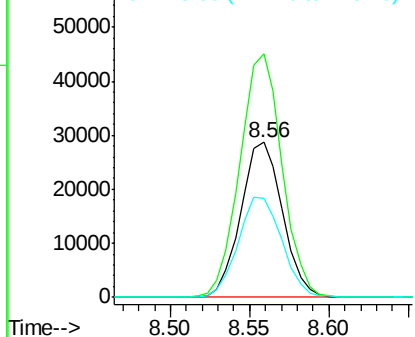
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027344.D
Acq: 9 Jun 2017 9:31

Instrument :
BNA_G
ClientSampleId :
MW-112

Tgt Ion:152 Resp: 52405
Ion Ratio Lower Upper
152 100
150 157.0 114.0 171.0
115 63.7 48.1 72.1



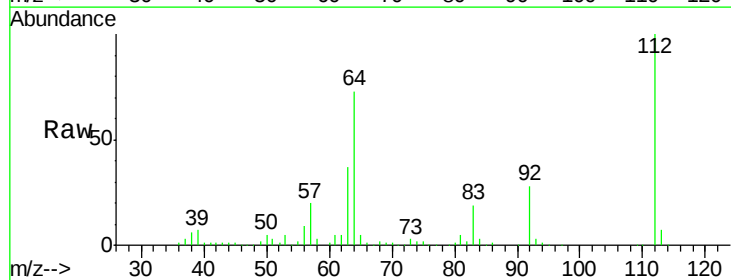
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



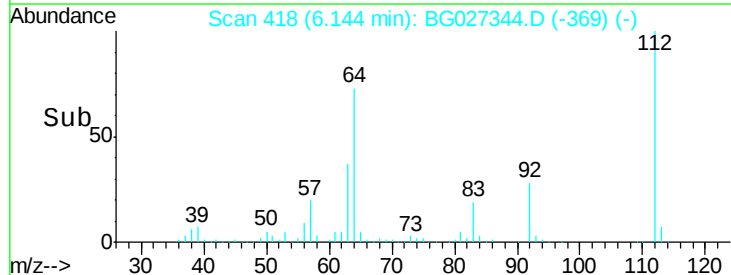
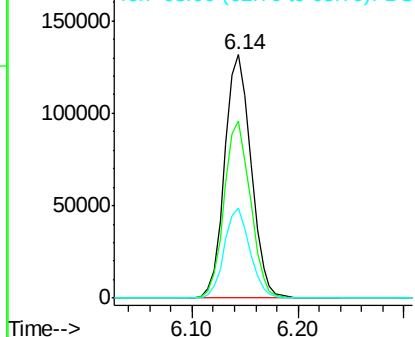
#5

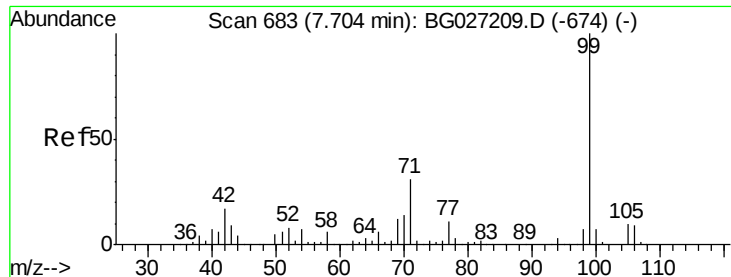
2-Fluorophenol
Concen: 66.296 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027344.D
Acq: 9 Jun 2017 9:31

Tgt Ion:112 Resp: 227676
Ion Ratio Lower Upper
112 100
64 72.6 61.8 92.6
63 36.8 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: 41.468 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027344.D

Acq: 9 Jun 2017 9:31

Instrument :

BNA_G

ClientSampleId :

MW-112

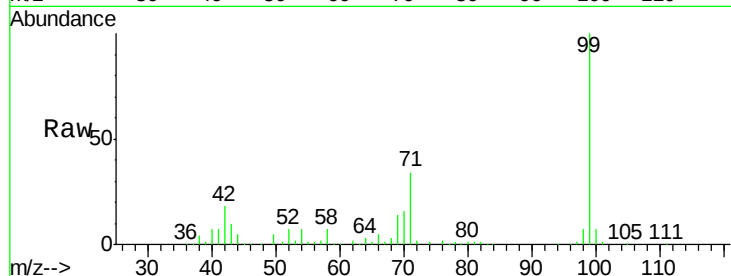
Tgt Ion: 99 Resp: 209041

Ion Ratio Lower Upper

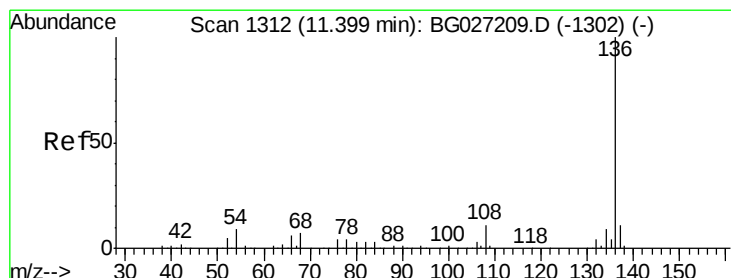
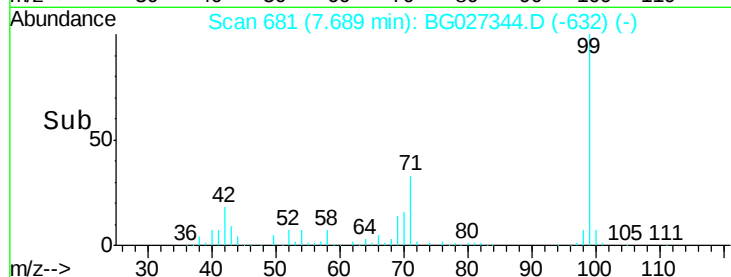
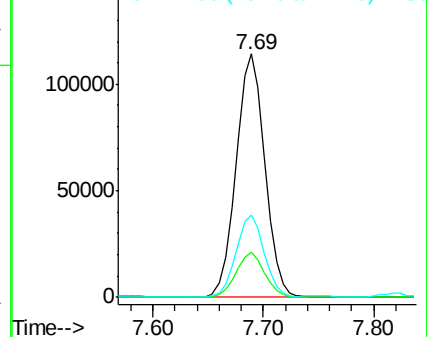
99 100

42 18.4 20.5 30.7#

71 33.7 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: 11.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BG027344.D

Acq: 9 Jun 2017 9:31

Tgt Ion: 136 Resp: 254907

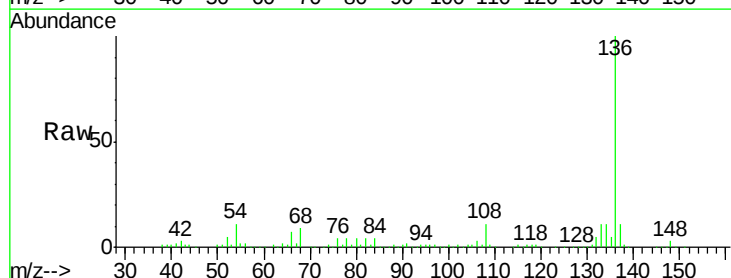
Ion Ratio Lower Upper

136 100

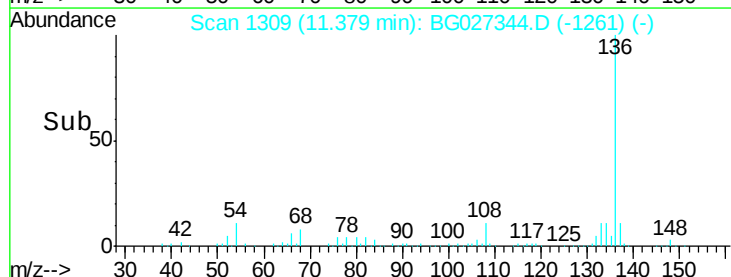
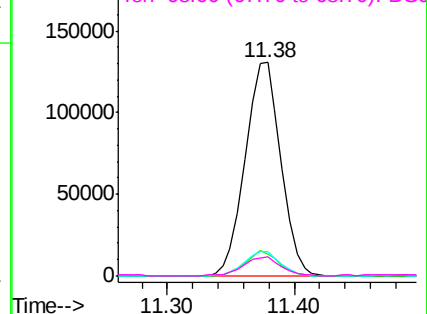
137 10.5 8.9 13.3

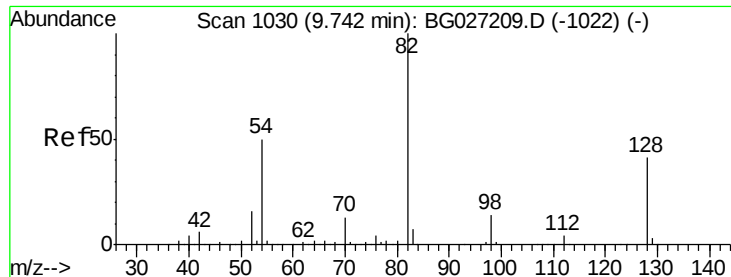
54 11.1 9.3 13.9

68 8.8 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

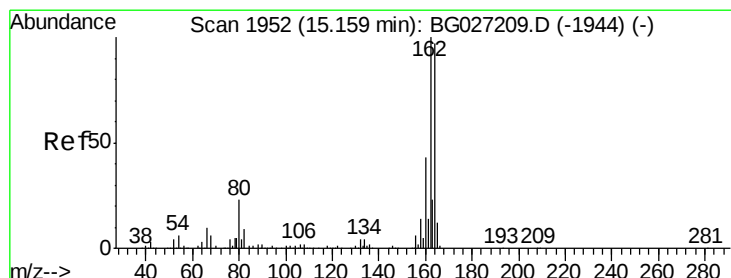
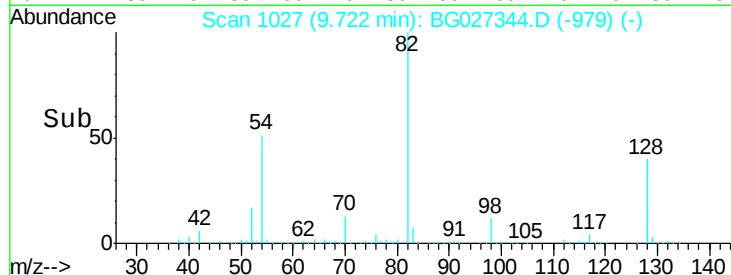
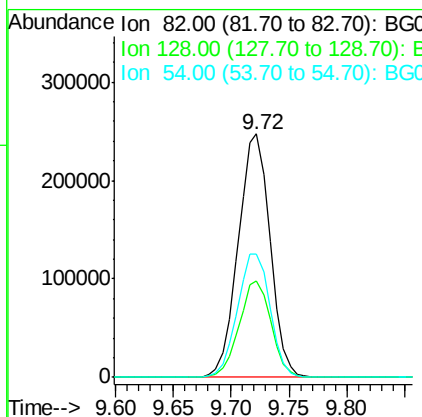
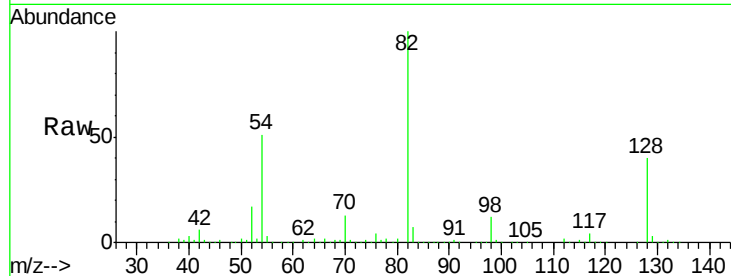




#23
 Nitrobenzene-d5
 Concen: 116.962 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027344.D
 Acq: 9 Jun 2017 9:31

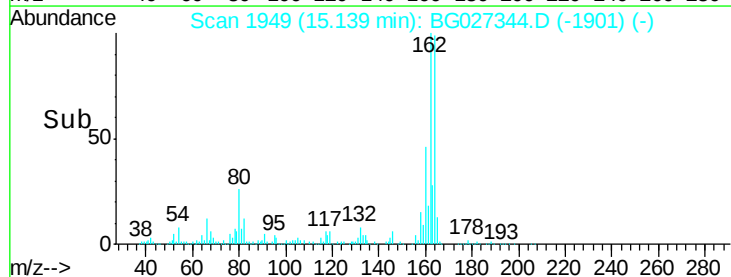
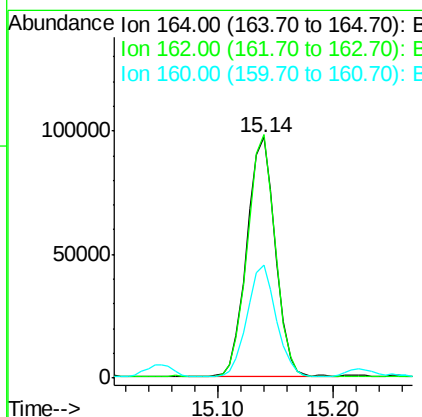
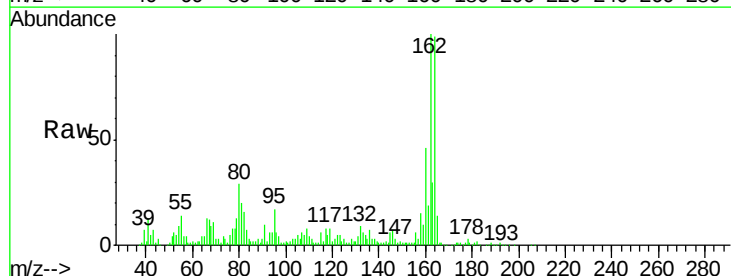
Instrument :
 BNA_G
 ClientSampleId :
 MW-112

Tgt Ion: 82 Resp: 474074
 Ion Ratio Lower Upper
 82 100
 128 39.6 26.4 39.6#
 54 50.8 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027344.D
 Acq: 9 Jun 2017 9:31

Tgt Ion: 164 Resp: 166001
 Ion Ratio Lower Upper
 164 100
 162 101.1 85.1 127.7
 160 46.8 34.7 52.1

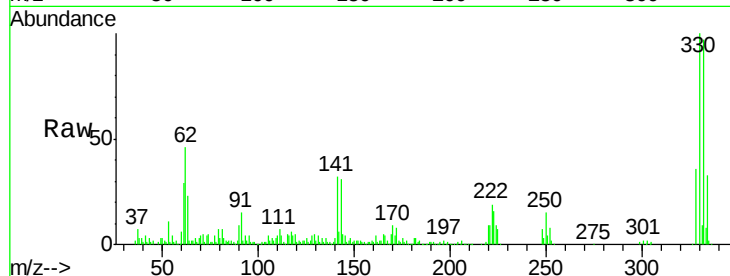




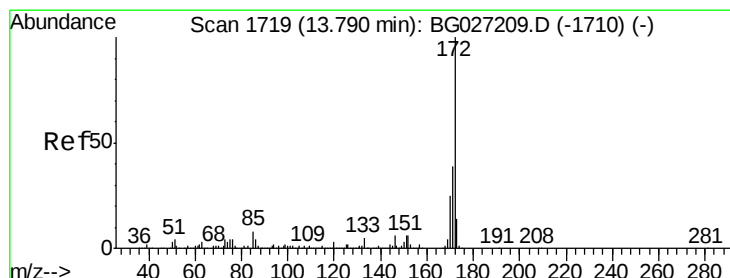
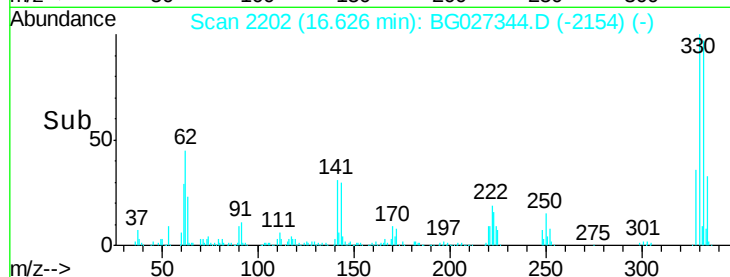
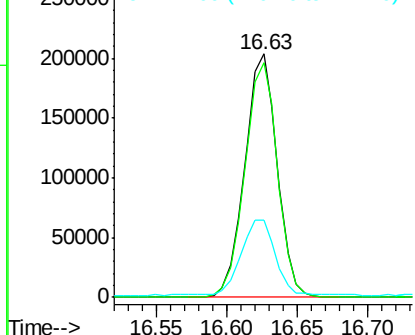
#41
 2,4,6-Tribromophenol
 Concen: 149.835 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027344.D
 Acq: 9 Jun 2017 9:31

Instrument :
 BNA_G
 ClientSampleId :
 MW-112

Tgt Ion:330 Resp: 327530
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.3 115.9
 141 33.7 32.1 48.1

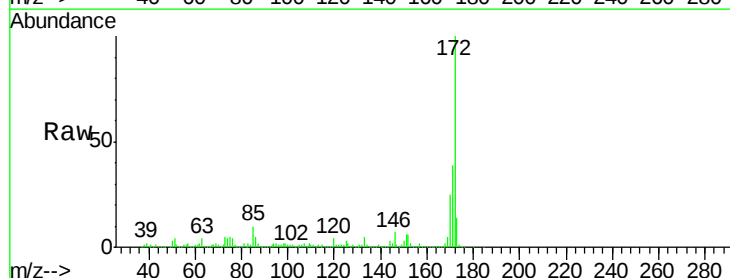


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

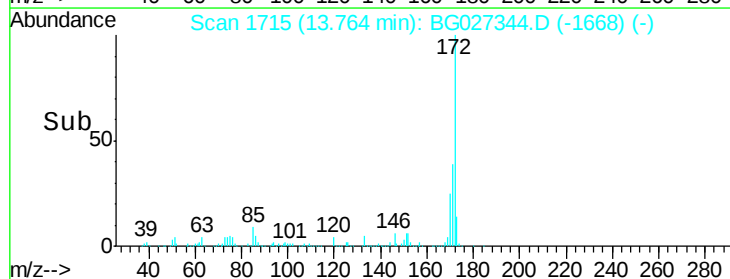
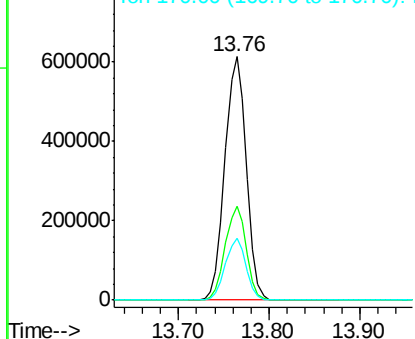


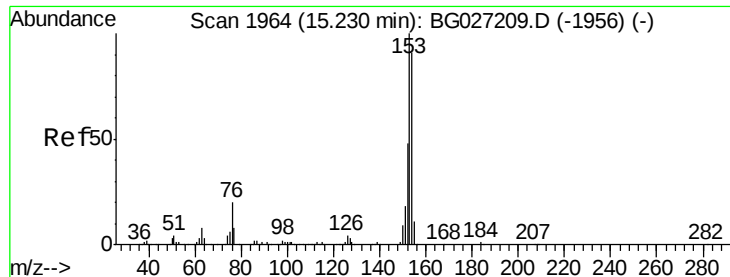
#44
 2-Fluorobiphenyl
 Concen: 84.627 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027344.D
 Acq: 9 Jun 2017 9:31

Tgt Ion:172 Resp: 1004175
 Ion Ratio Lower Upper
 172 100
 171 38.5 32.2 48.2
 170 25.2 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





#51

Acenaphthene

Concen: 2.841 ng

RT: 15.20 min Scan# 1959

Delta R.T. -0.03 min

Lab File: BG027344.D

Acq: 9 Jun 2017 9:31

Instrument :

BNA_G

ClientSampleId :

MW-112

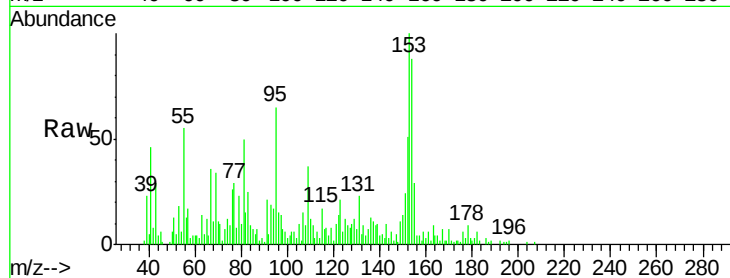
Tgt Ion:154 Resp: 31773

Ion Ratio Lower Upper

154 100

153 113.5 87.8 131.6

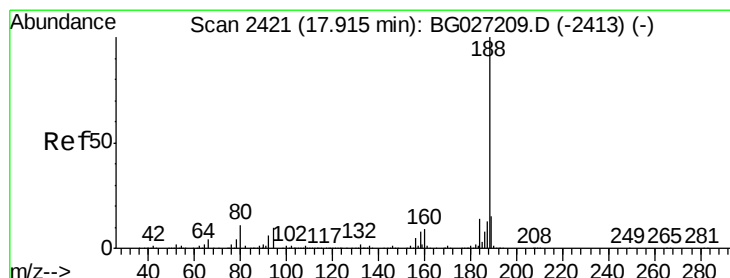
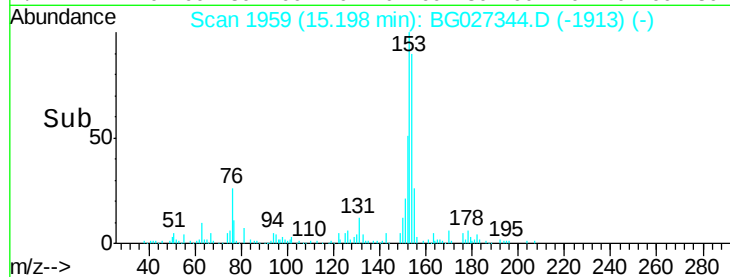
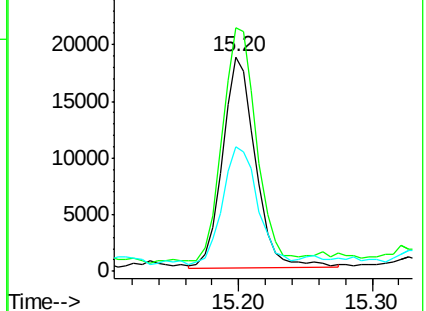
152 58.1 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.89 min Scan# 2417

Delta R.T. -0.03 min

Lab File: BG027344.D

Acq: 9 Jun 2017 9:31

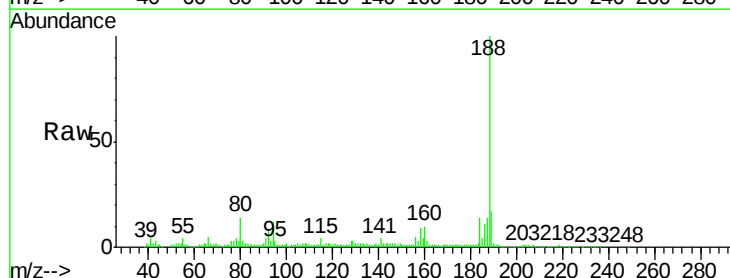
Tgt Ion:188 Resp: 350112

Ion Ratio Lower Upper

188 100

94 12.3 5.8 8.8#

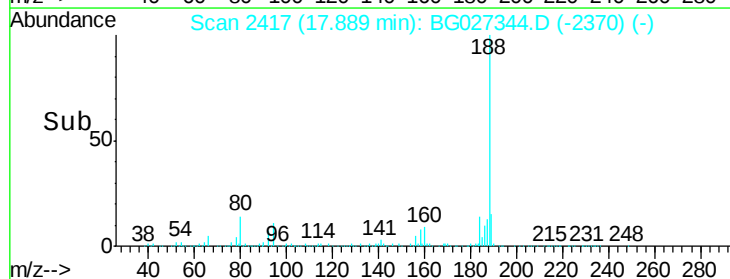
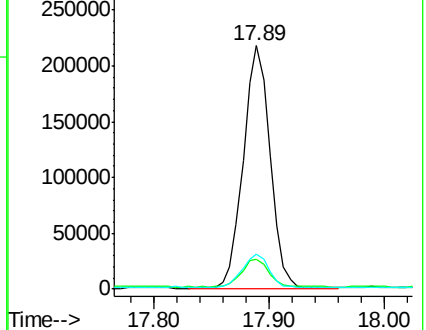
80 14.4 7.5 11.3#

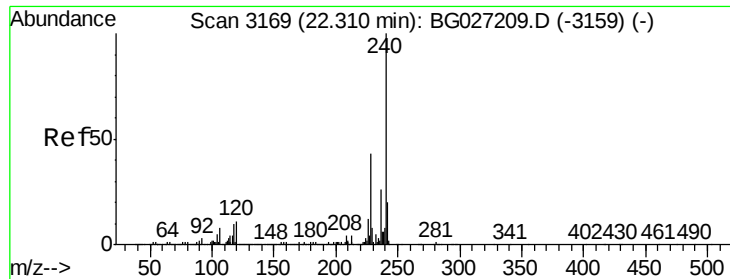


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG027344.D

Acq: 9 Jun 2017 9:31

Instrument :

BNA_G

ClientSampleId :

MW-112

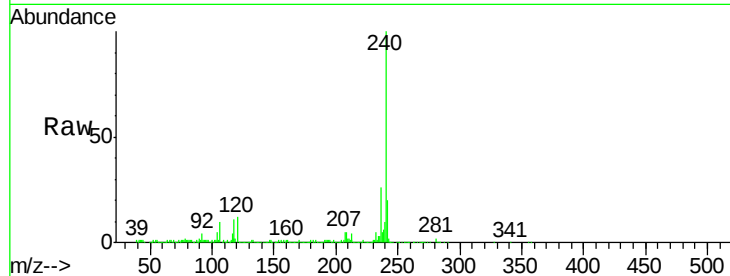
Tgt Ion:240 Resp: 396479

Ion Ratio Lower Upper

240 100

120 12.4 5.7 8.5#

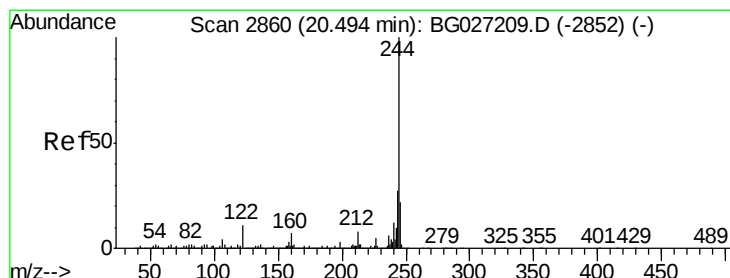
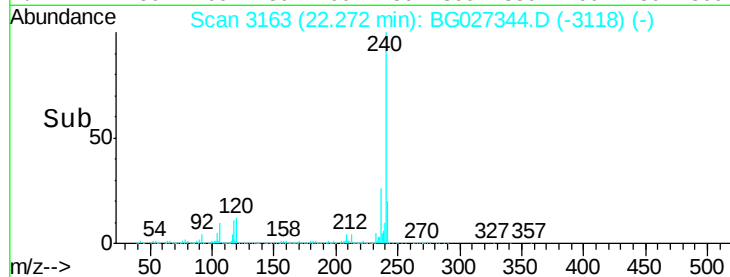
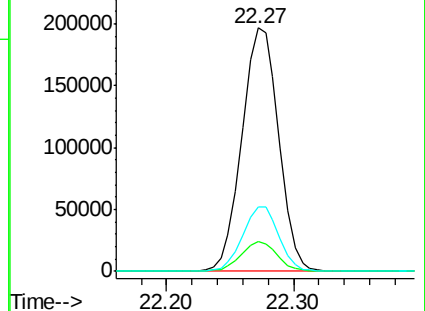
236 26.2 22.2 33.4



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: 94.693 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.03 min

Lab File: BG027344.D

Acq: 9 Jun 2017 9:31

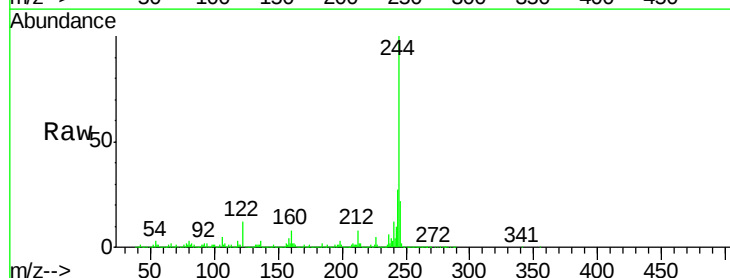
Tgt Ion:244 Resp: 1471733

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

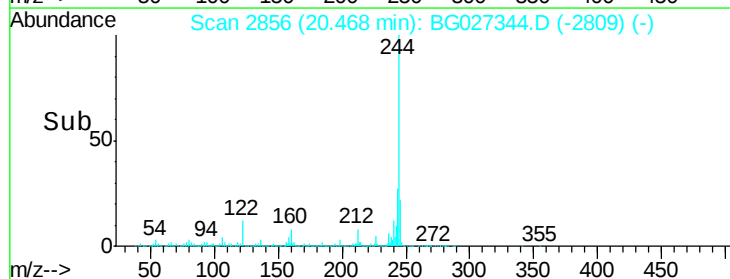
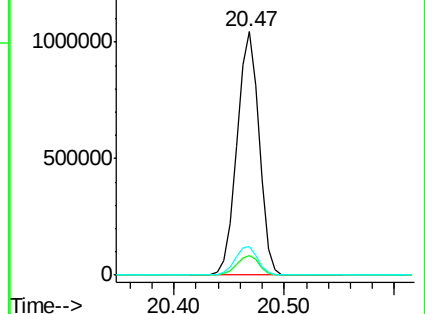
122 11.9 8.6 12.8

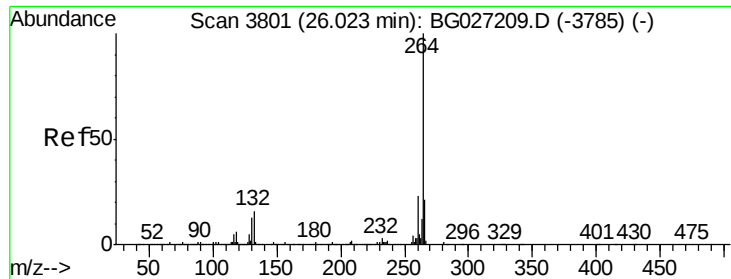


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

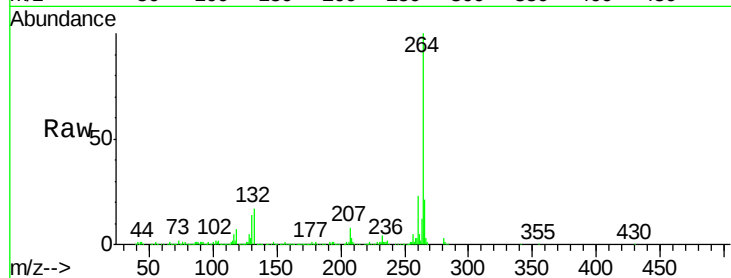




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.96 min Scan# 3790
Delta R.T. -0.07 min
Lab File: BG027344.D
Acq: 9 Jun 2017 9:31

Instrument :
BNA_G
ClientSampleId :
MW-112

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	21.0	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

