

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
 Data File : BG027323.D
 Acq On : 8 Jun 2017 19:00
 Operator : SJ/MA
 Sample : I3460-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-103

Quant Time: Jun 09 05:58:35 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	44443	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	214158	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	140939	20.00	ng	-0.03
63) Phenanthrene-d10	17.88	188	341096	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	385412	20.00	ng	-0.04
86) Perylene-d12	25.96	264	357705	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	215081	73.85	ng	-0.01
7) Phenol-d6	7.68	99	203036	47.49	ng	-0.02
23) Nitrobenzene-d5	9.72	82	386217	113.42	ng	-0.03
41) 2,4,6-Tribromophenol	16.62	330	319616	172.21	ng	-0.03
44) 2-Fluorobiphenyl	13.77	172	945497	93.85	ng	-0.03
78) Terphenyl-d14	20.46	244	1574524	104.22	ng	-0.03

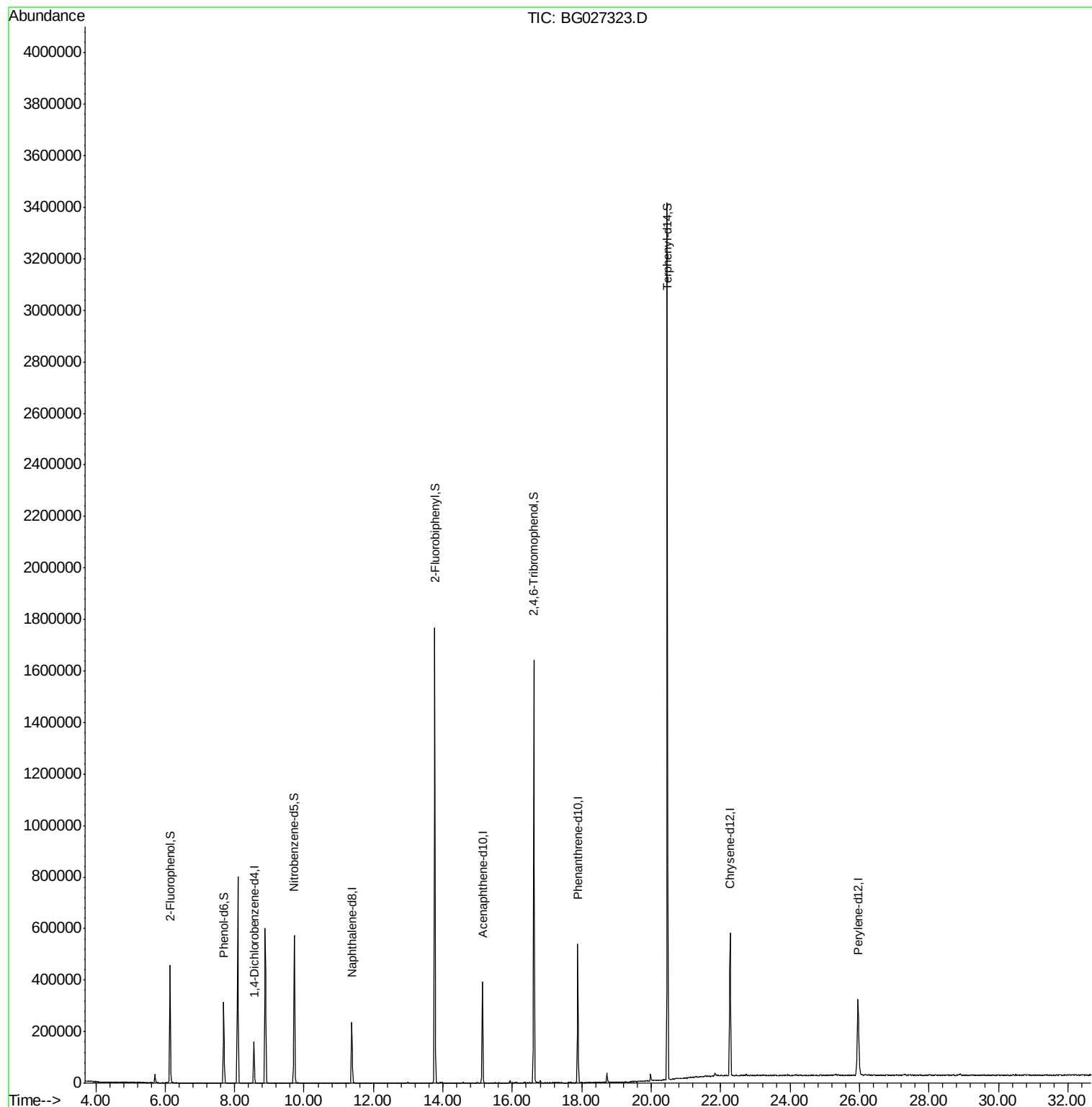
Target Compounds	Qvalue
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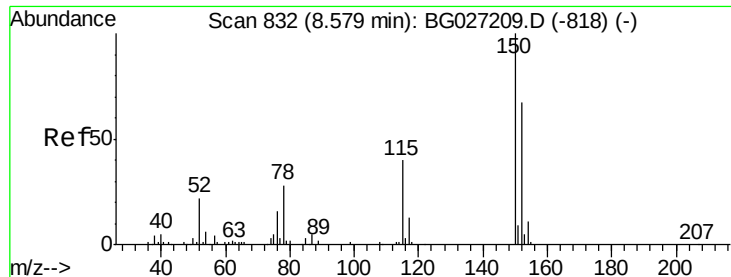
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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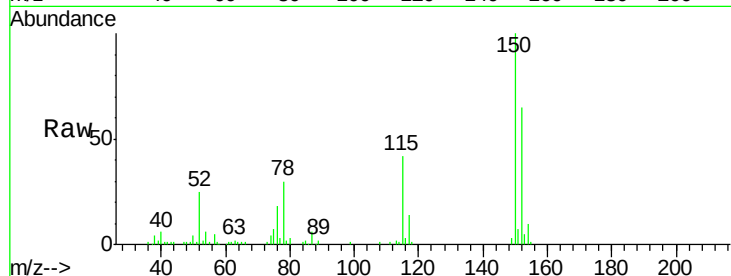


#1

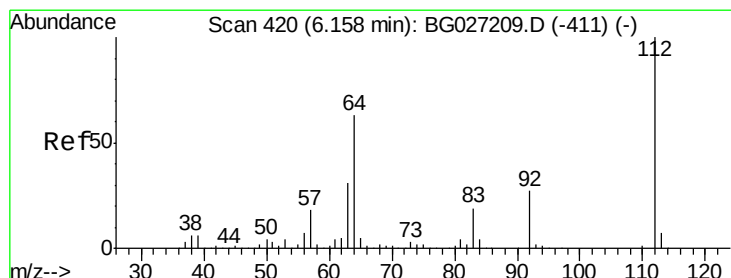
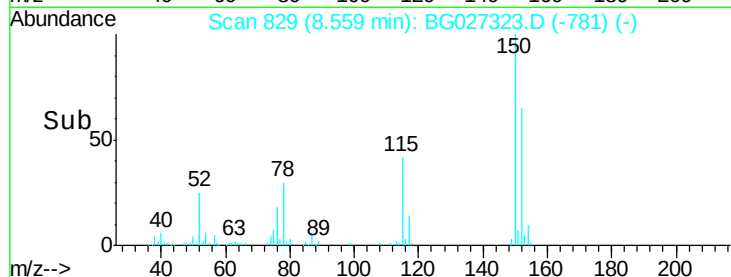
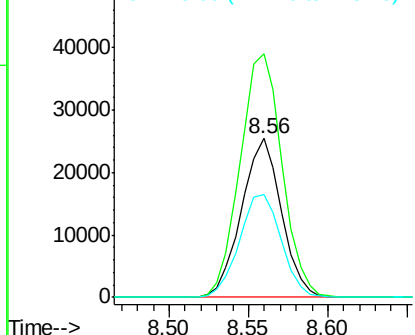
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027323.D
Acq: 8 Jun 2017 19:00

Instrument :
BNA_G
ClientSampleId :
MW-103

Tgt Ion:152 Resp: 44443
Ion Ratio Lower Upper
152 100
150 153.2 114.0 171.0
115 64.8 48.1 72.1



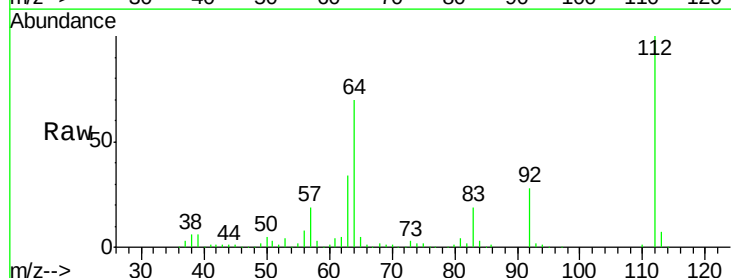
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



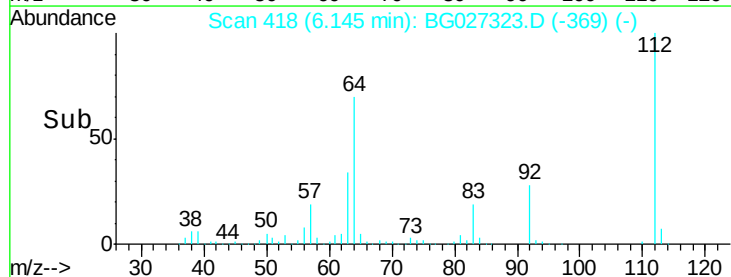
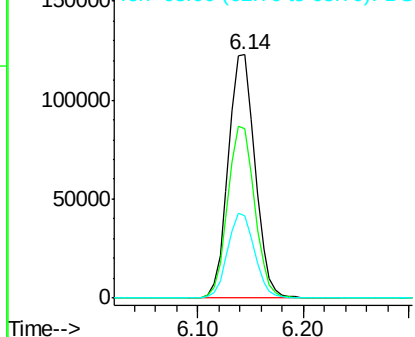
#5

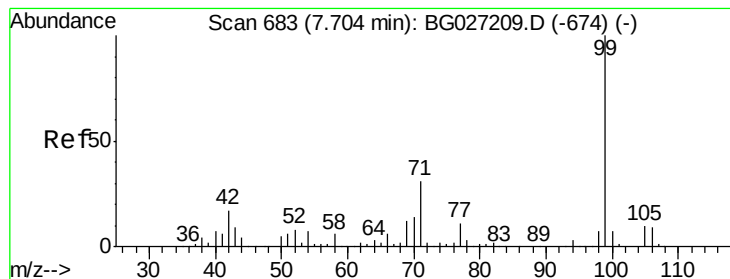
2-Fluorophenol
Concen: 73.849 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027323.D
Acq: 8 Jun 2017 19:00

Tgt Ion:112 Resp: 215081
Ion Ratio Lower Upper
112 100
64 69.8 61.8 92.6
63 33.8 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: 47.492 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027323.D

Acq: 8 Jun 2017 19:00

Instrument :

BNA_G

ClientSampled :

MW-103

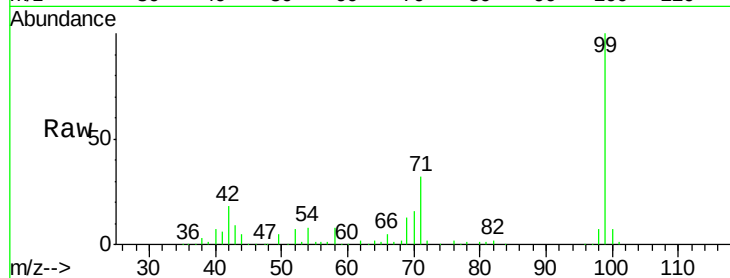
Tgt Ion: 99 Resp: 203036

Ion Ratio Lower Upper

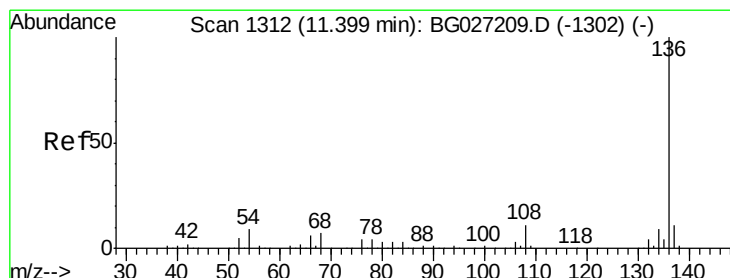
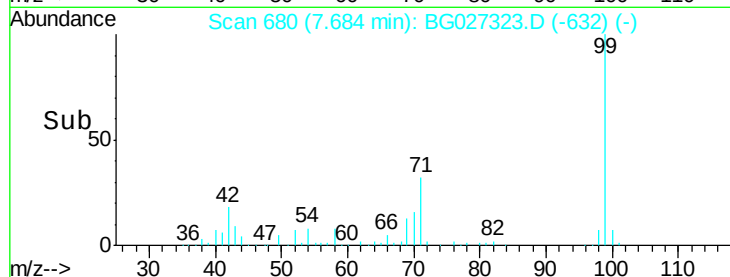
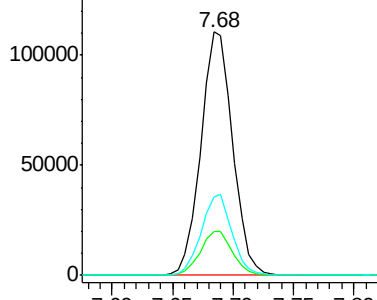
99 100

42 18.3 20.5 30.7#

71 32.3 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: BG027323.D

Acq: 8 Jun 2017 19:00

Tgt Ion: 136 Resp: 214158

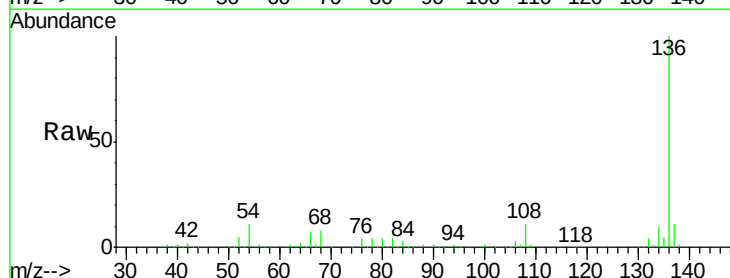
Ion Ratio Lower Upper

136 100

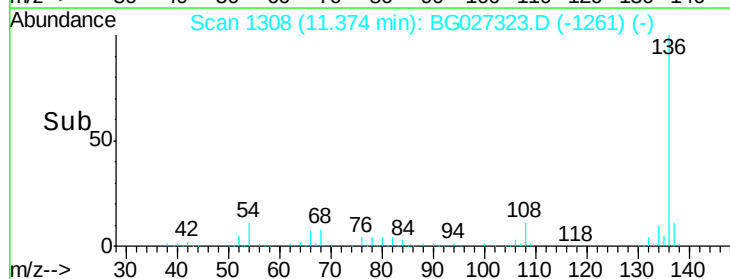
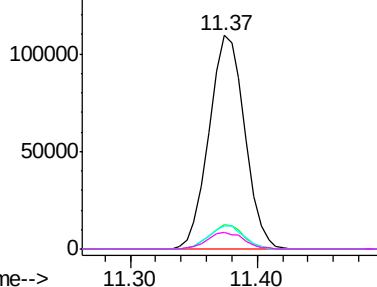
137 11.4 8.9 13.3

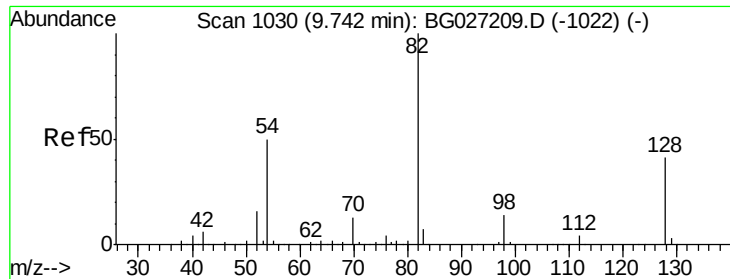
54 10.6 9.3 13.9

68 7.6 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

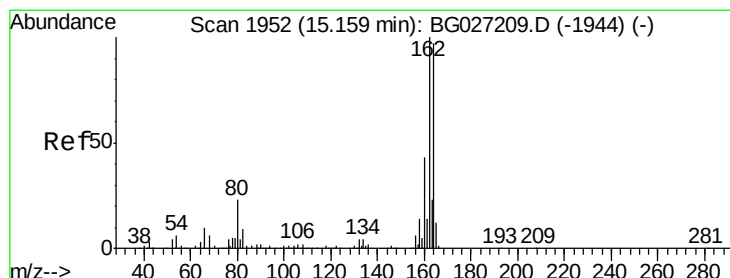
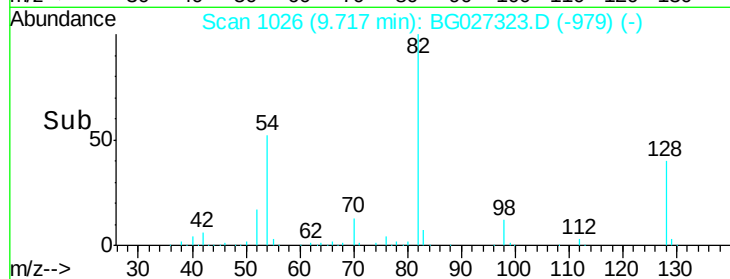
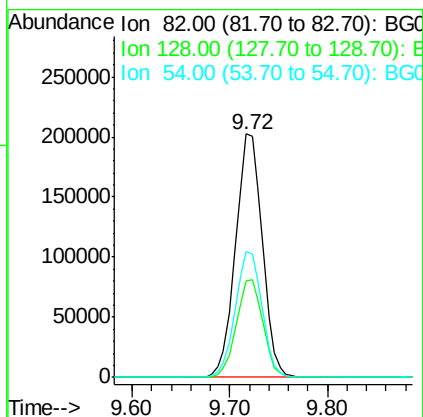
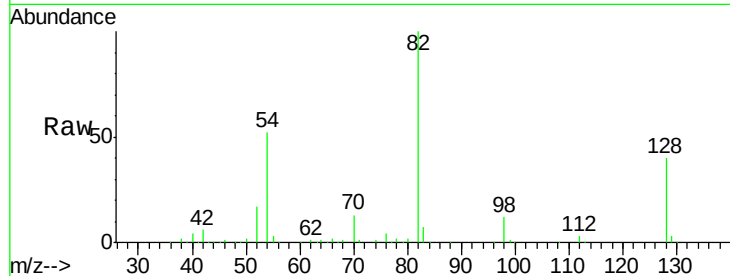




#23
 Nitrobenzene-d5
 Concen: 113.417 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BG027323.D
 Acq: 8 Jun 2017 19:00

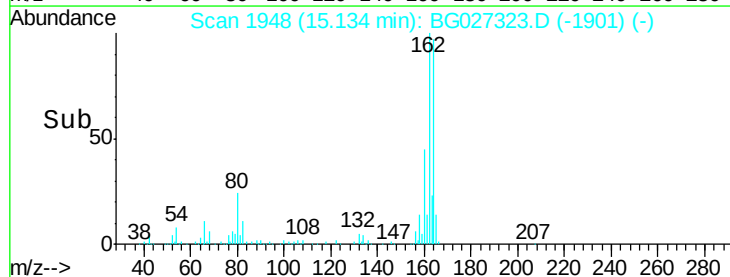
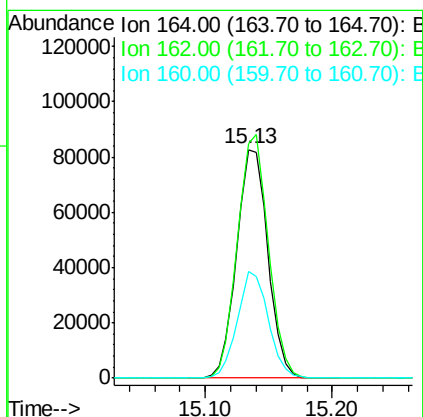
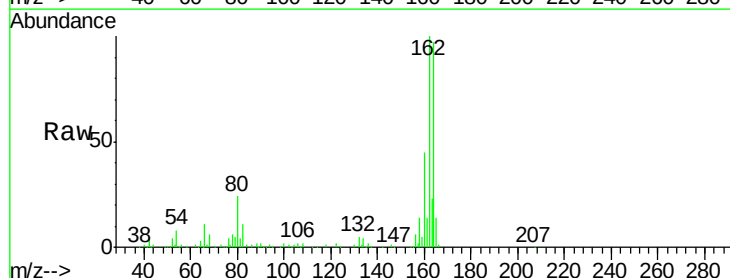
Instrument :
 BNA_G
 ClientSampleId :
 MW-103

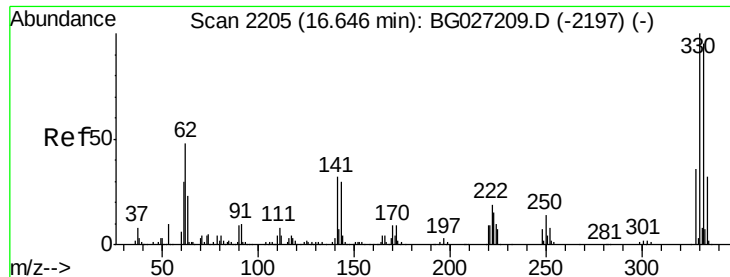
Tgt Ion: 82 Resp: 386217
 Ion Ratio Lower Upper
 82 100
 128 39.6 26.4 39.6
 54 51.7 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.13 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BG027323.D
 Acq: 8 Jun 2017 19:00

Tgt Ion: 164 Resp: 140939
 Ion Ratio Lower Upper
 164 100
 162 102.7 85.1 127.7
 160 46.5 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 172.214 ng

RT: 16.62 min Scan# 2201

Delta R.T. -0.03 min

Lab File: BG027323.D

Acq: 8 Jun 2017 19:00

Instrument :

BNA_G

ClientSampled :

MW-103

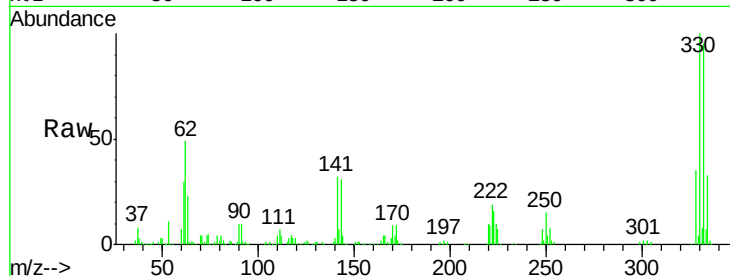
Tgt Ion:330 Resp: 319616

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

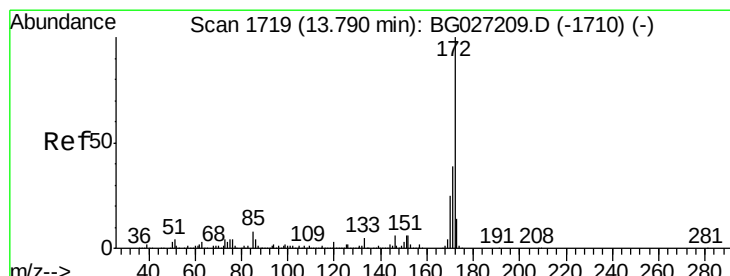
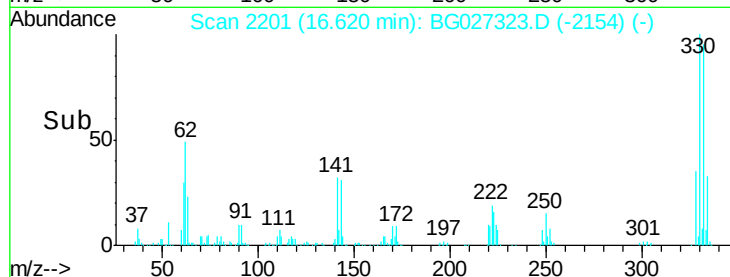
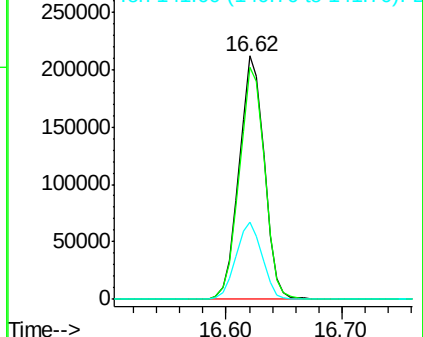
141 33.0 32.1 48.1



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: 93.851 ng

RT: 13.77 min Scan# 1715

Delta R.T. -0.03 min

Lab File: BG027323.D

Acq: 8 Jun 2017 19:00

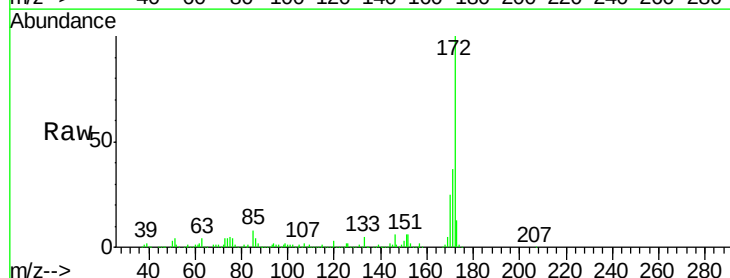
Tgt Ion:172 Resp: 945497

Ion Ratio Lower Upper

172 100

171 37.2 32.2 48.2

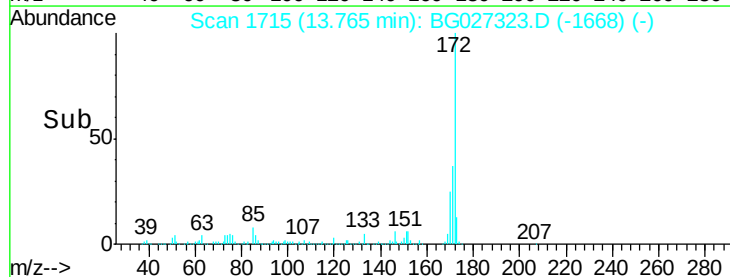
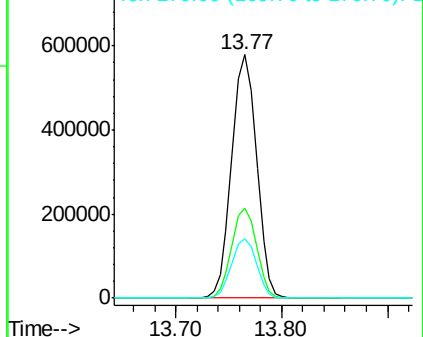
170 24.6 21.8 32.6

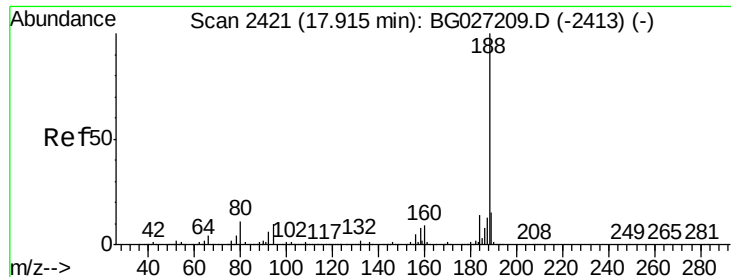


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

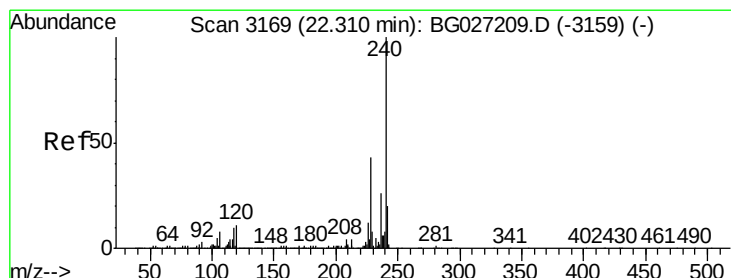
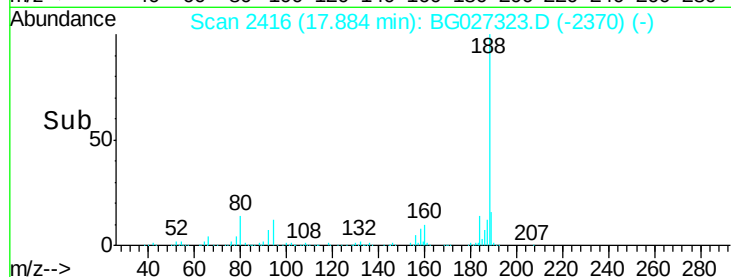
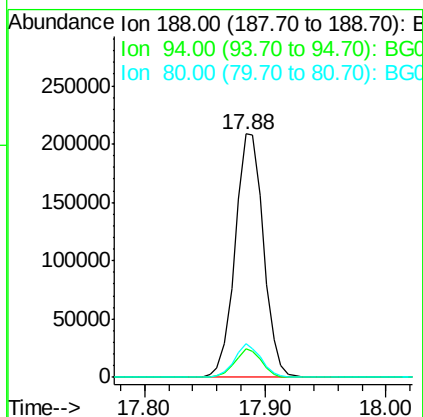
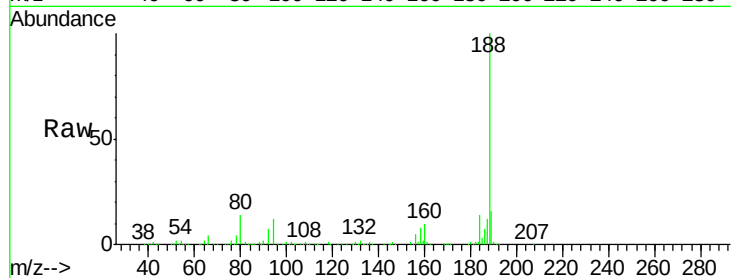




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027323.D
Acq: 8 Jun 2017 19:00

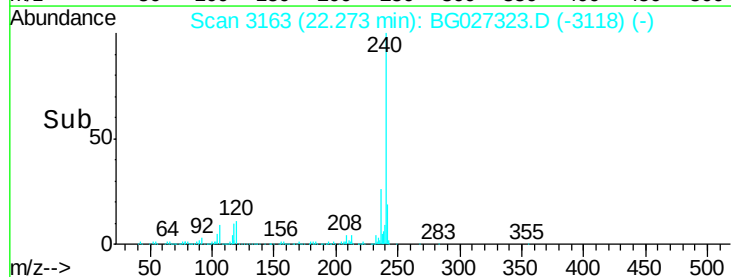
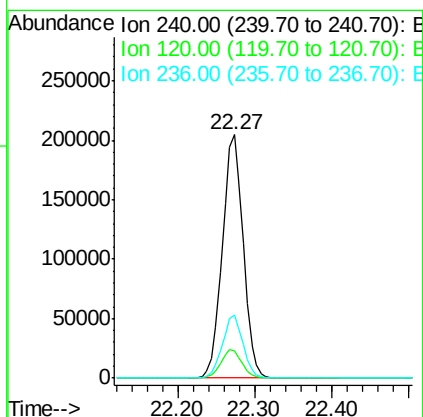
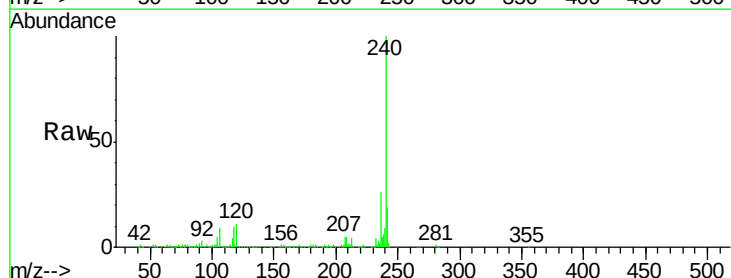
Instrument :
BNA_G
ClientSampled :
MW-103

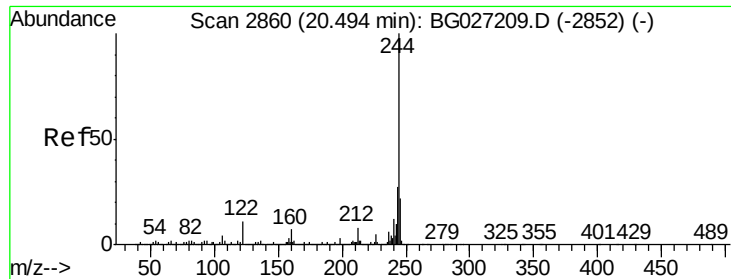
Tgt Ion:188 Resp: 341096
Ion Ratio Lower Upper
188 100
94 11.5 5.8 8.8#
80 13.8 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027323.D
Acq: 8 Jun 2017 19:00

Tgt Ion:240 Resp: 385412
Ion Ratio Lower Upper
240 100
120 11.4 5.7 8.5#
236 26.0 22.2 33.4





#78

Terphenyl-d14

Concen: 104.216 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027323.D

Acq: 8 Jun 2017 19:00

Instrument :

BNA_G

ClientSampled :

MW-103

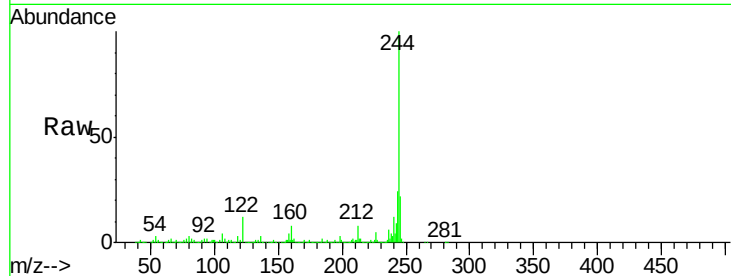
Tgt Ion:244 Resp: 1574524

Ion Ratio Lower Upper

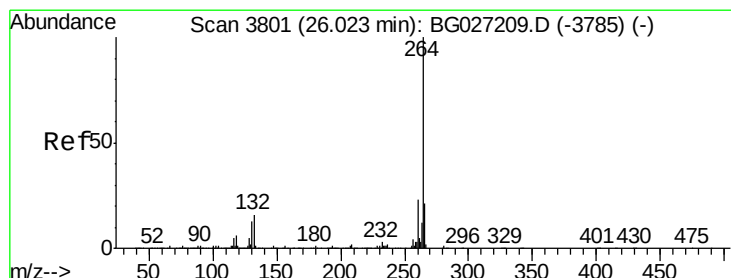
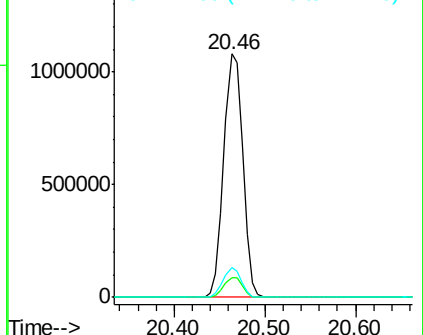
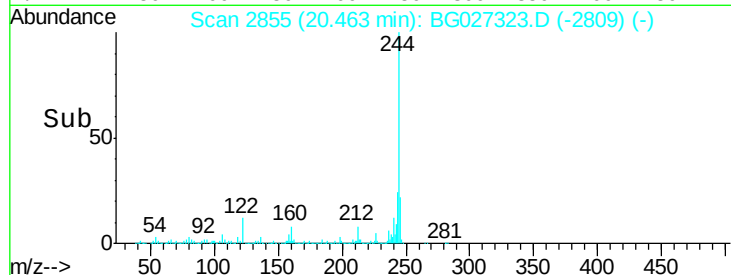
244 100

212 8.3 10.0 15.0#

122 12.3 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: 25.96 min Scan# 3790

Delta R.T. -0.07 min

Lab File: BG027323.D

Acq: 8 Jun 2017 19:00

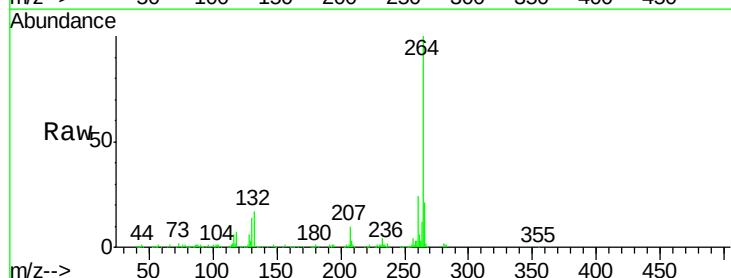
Tgt Ion:264 Resp: 357705

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 21.3 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

