

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027680.D
 Acq On : 26 Jun 2017 18:31
 Operator : SJ/JU
 Sample : I3876-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CAN-FB062217

Quant Time: Jun 27 01:55:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	12862	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	55265	20.00	ng	-0.03
38) Acenaphthene-d10	15.07	164	37046	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	124361	20.00	ng	-0.02
75) Chrysene-d12	22.19	240	145898	20.00	ng	-0.03
86) Perylene-d12	25.80	264	139027	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	52918	58.56	ng	-0.01
7) Phenol-d6	7.62	99	41473	31.00	ng	-0.02
23) Nitrobenzene-d5	9.65	82	114380	97.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	115195	208.57	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	274841	101.34	ng	-0.02
78) Terphenyl-d14	20.40	244	704096	113.70	ng	-0.01

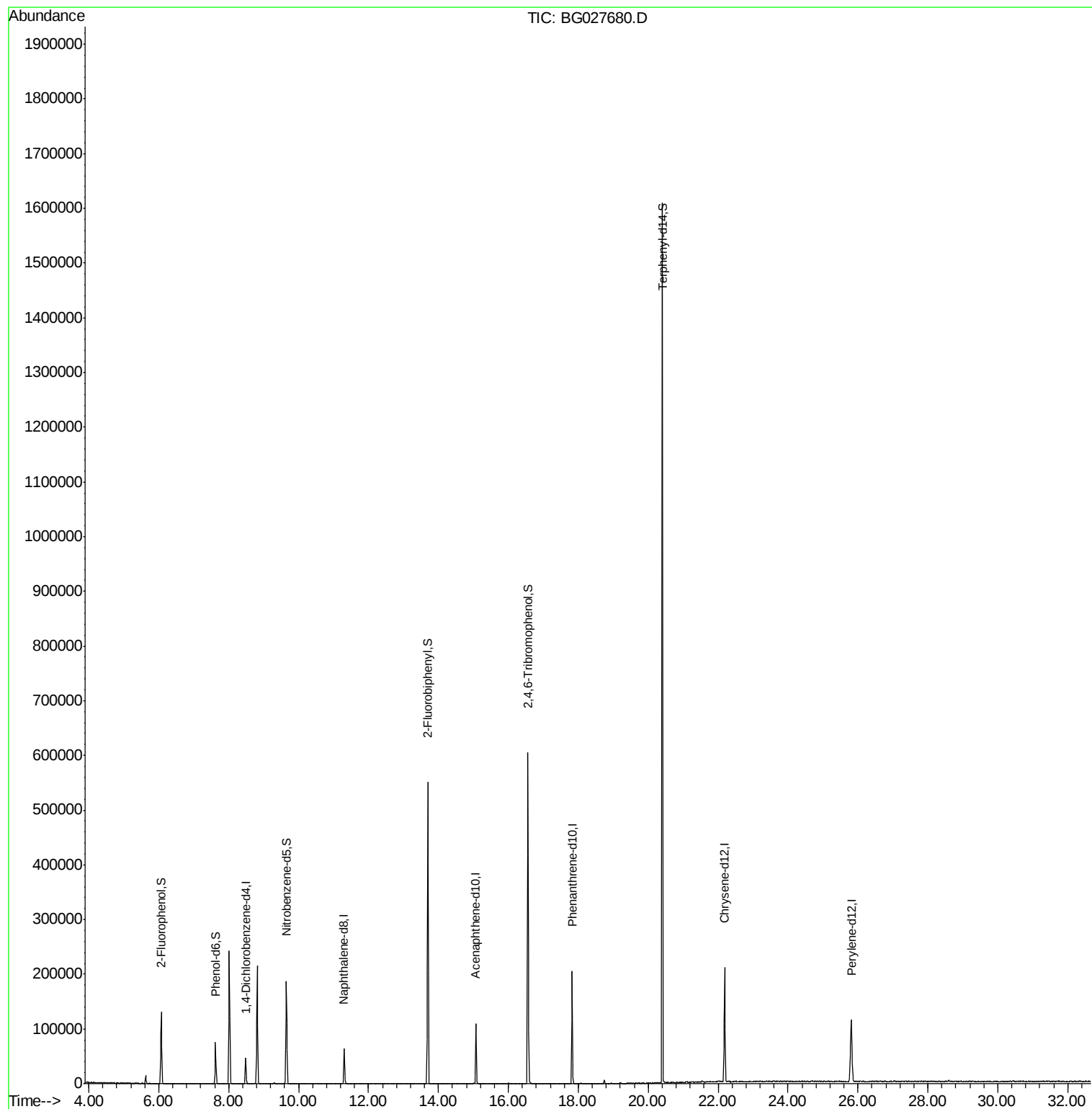
Target Compounds Qvalue

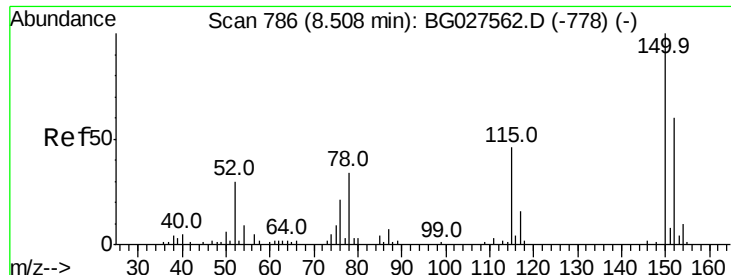
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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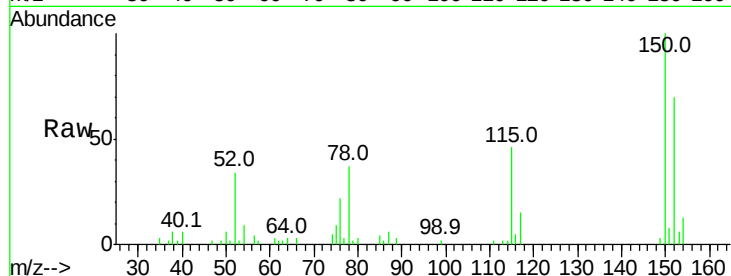


#1

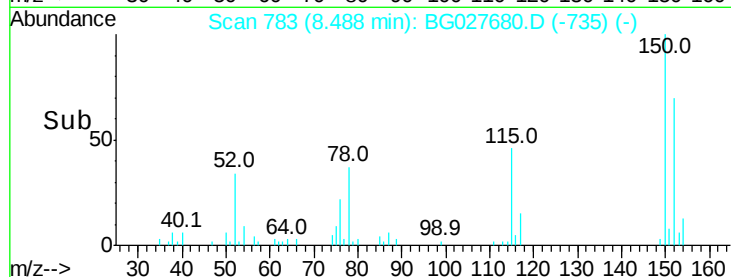
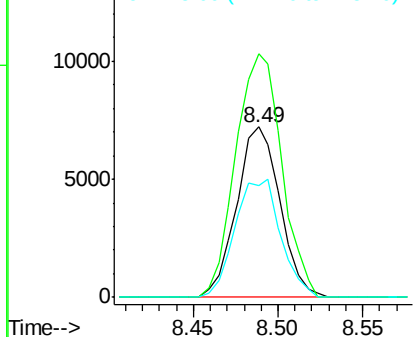
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.49 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BG027680.D
 Acq: 26 Jun 2017 18:31

Instrument :
 BNA_G
 ClientSampleId :
 CAN-FB062217

Tot Ion:152 Resp: 12862
 Ion Ratio Lower Upper
 152 100
 150 142.9 114.0 171.0
 115 65.4 48.1 72.1



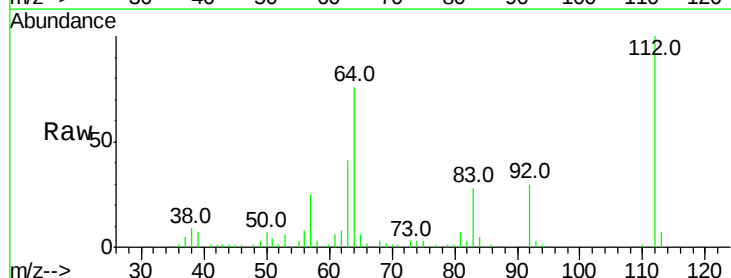
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



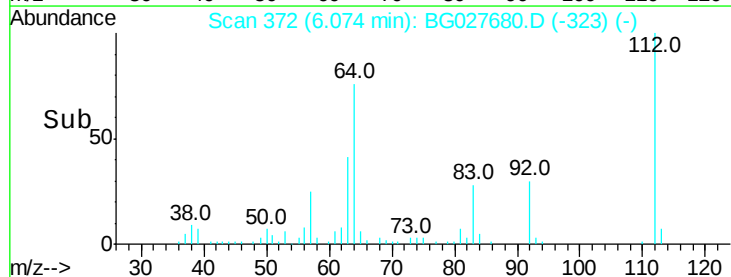
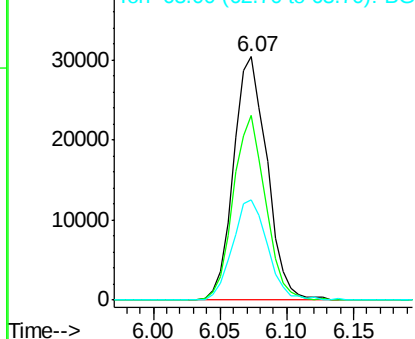
#5

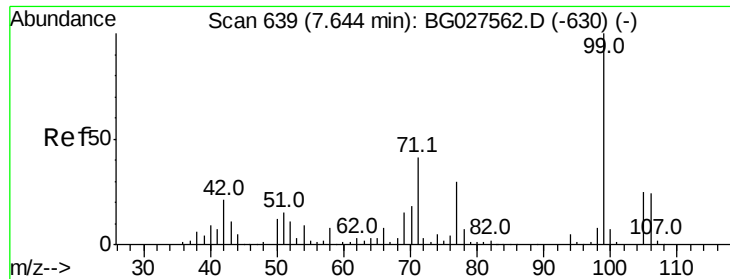
2-Fluorophenol
 Concen: 58.56 ng
 RT: 6.07 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: BG027680.D
 Acq: 26 Jun 2017 18:31

Tgt Ion:112 Resp: 52918
 Ion Ratio Lower Upper
 112 100
 64 76.0 61.8 92.6
 63 41.3 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: 31.00 ng

RT: 7.62 min Scan# 636

Delta R.T. -0.02 min

Lab File: BG027680.D

Acq: 26 Jun 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CAN-FB062217

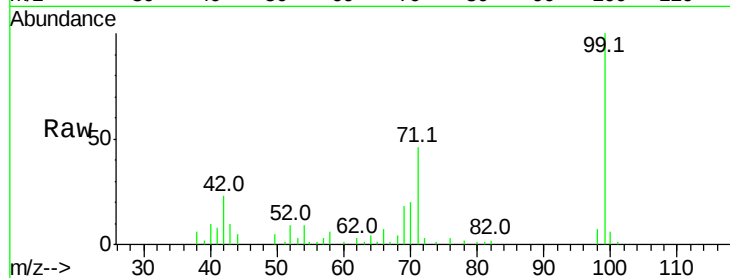
Tot Ion: 99 Resp: 41473

Ion Ratio Lower Upper

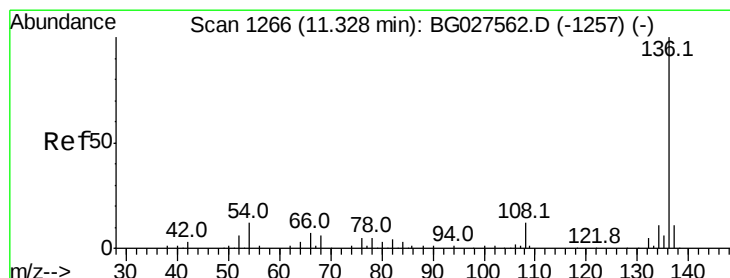
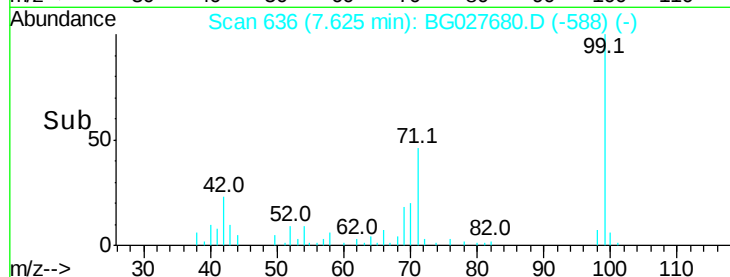
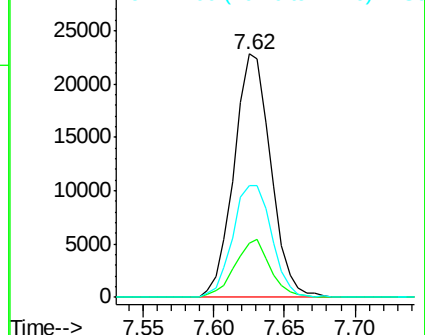
99 100

42 22.5 20.5 30.7

71 46.0 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: 20.00 ng

RT: 11.30 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BG027680.D

Acq: 26 Jun 2017 18:31

Tgt Ion: 136 Resp: 55265

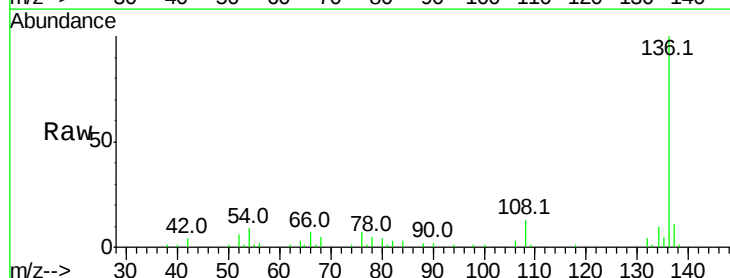
Ion Ratio Lower Upper

136 100

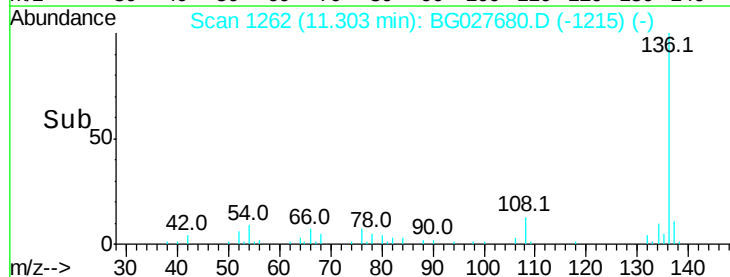
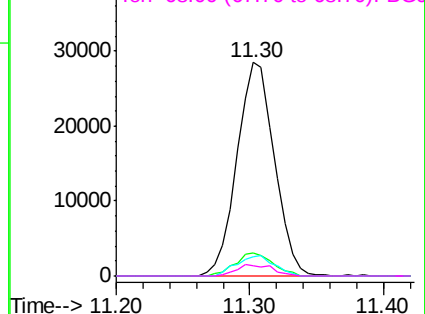
137 10.8 8.9 13.3

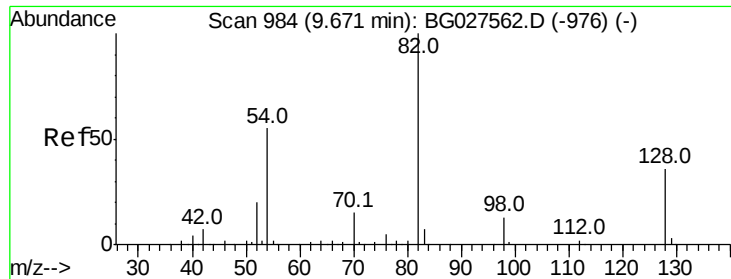
54 9.2 9.3 13.9#

68 4.9 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

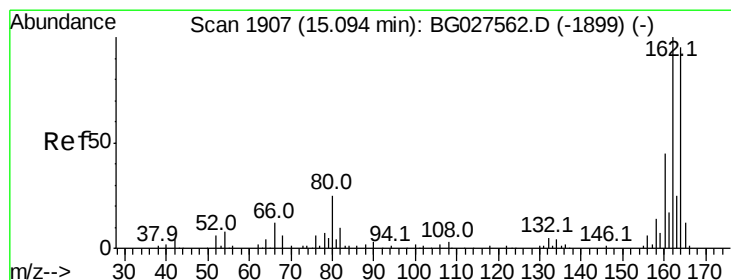
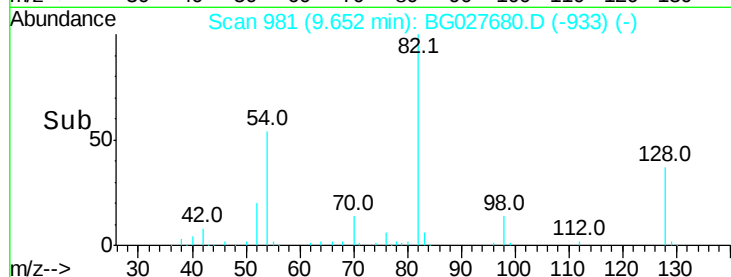
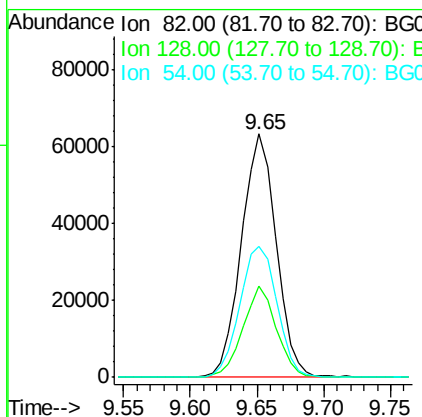
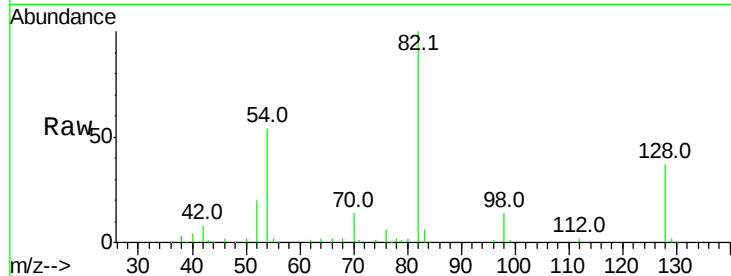




#23
 Nitrobenzene-d5
 Concen: 97.93 ng
 RT: 9.65 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BG027680.D
 Acq: 26 Jun 2017 18:31

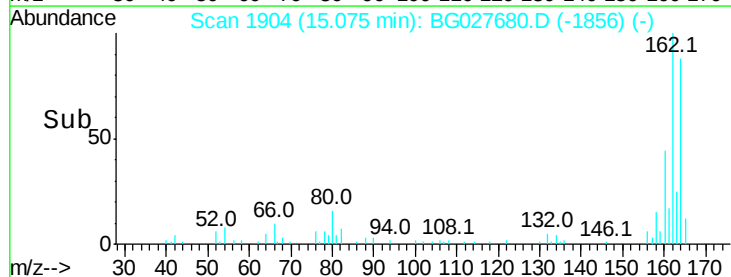
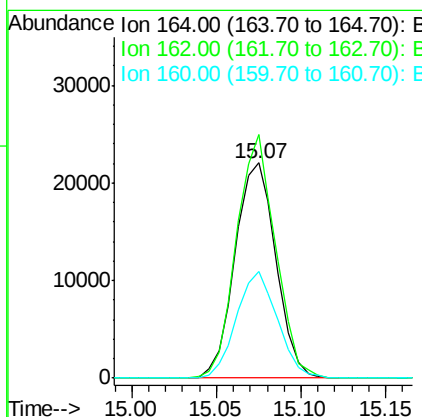
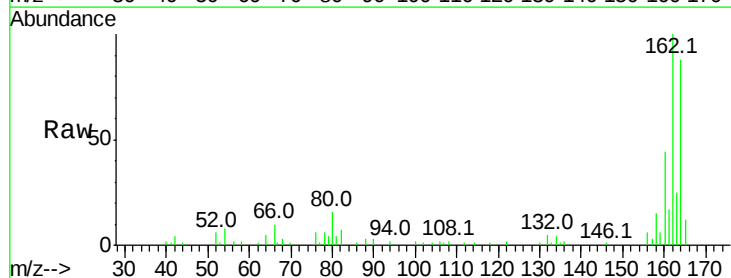
Instrument :
 BNA_G
 ClientSampleId :
 CAN-FB062217

Tot Ion: 82 Resp: 114380
 Ion Ratio Lower Upper
 82 100
 128 37.4 26.4 39.6
 54 53.7 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1904
 Delta R.T. -0.02 min
 Lab File: BG027680.D
 Acq: 26 Jun 2017 18:31

Tgt Ion:164 Resp: 37046
 Ion Ratio Lower Upper
 164 100
 162 113.3 85.1 127.7
 160 49.4 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 208.57 ng

RT: 16.56 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BG027680.D

Acq: 26 Jun 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CAN-FB062217

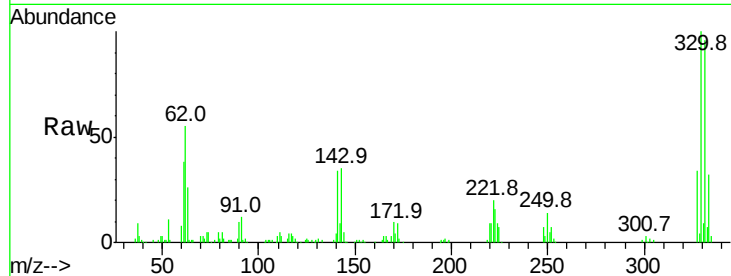
Tot Ion:330 Resp: 115195

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

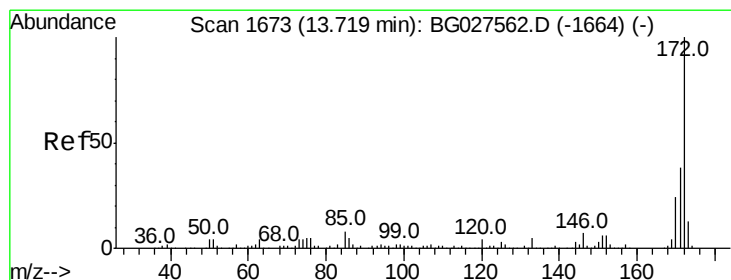
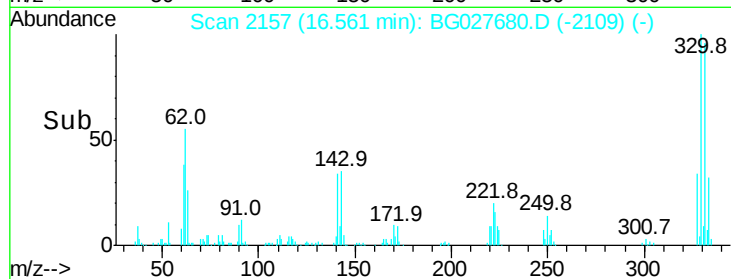
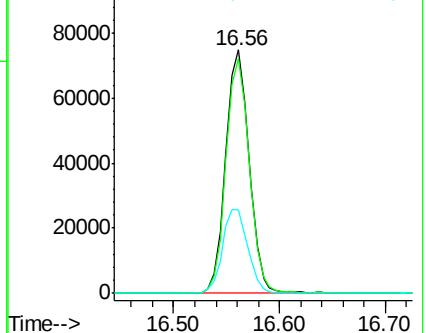
141 37.0 32.1 48.1



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: 101.34 ng

RT: 13.70 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BG027680.D

Acq: 26 Jun 2017 18:31

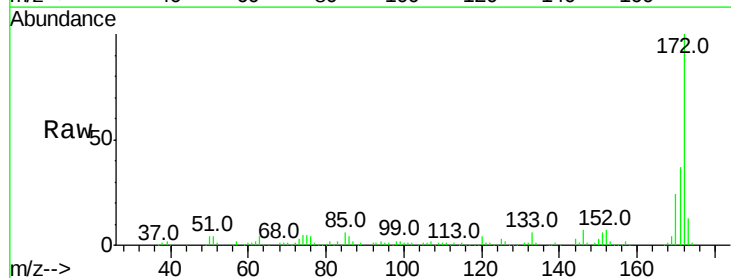
Tgt Ion:172 Resp: 274841

Ion Ratio Lower Upper

172 100

171 37.2 32.2 48.2

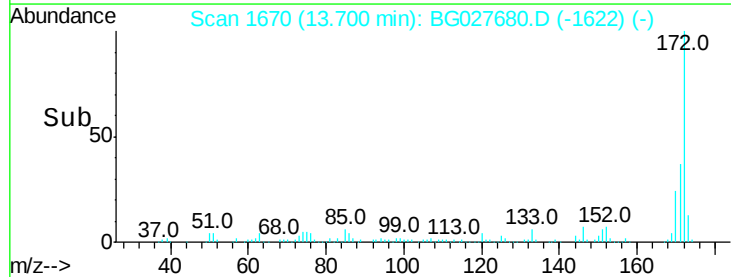
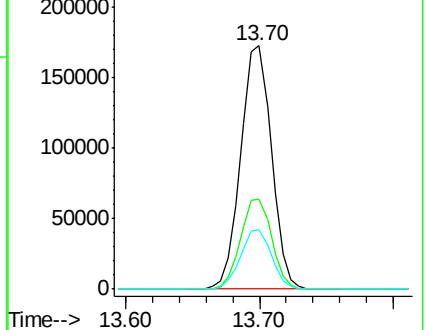
170 24.4 21.8 32.6

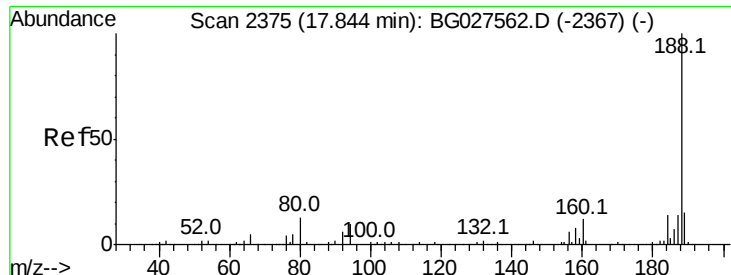


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.82 min Scan# 2372

Delta R.T. -0.02 min

Lab File: BG027680.D

Acq: 26 Jun 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CAN-FB062217

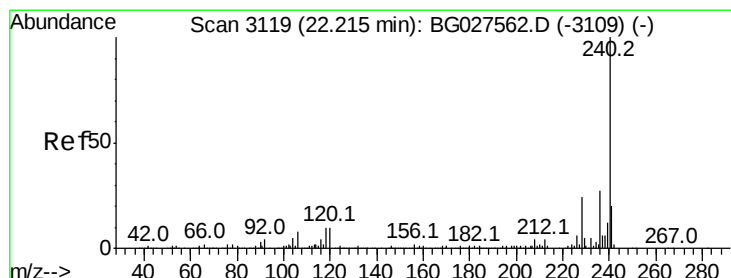
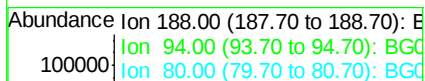
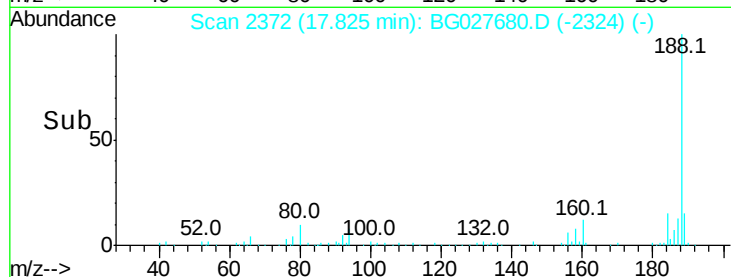
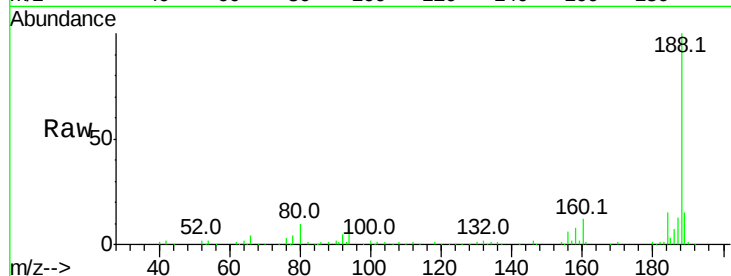
Tot Ion:188 Resp: 124361

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.8

80 10.1 7.5 11.3



#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.19 min Scan# 3115

Delta R.T. -0.03 min

Lab File: BG027680.D

Acq: 26 Jun 2017 18:31

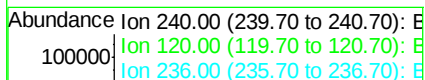
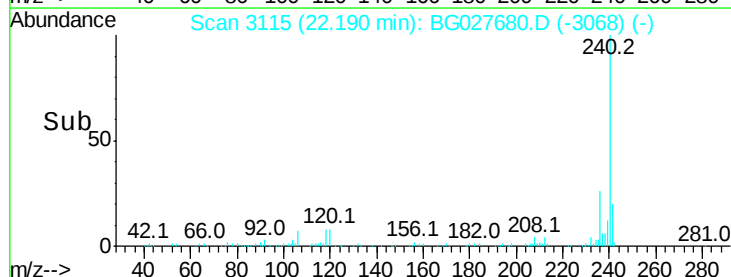
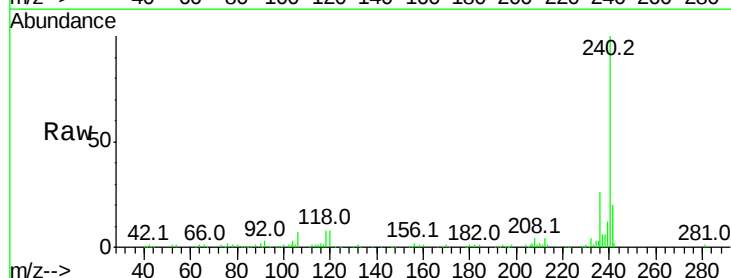
Tgt Ion:240 Resp: 145898

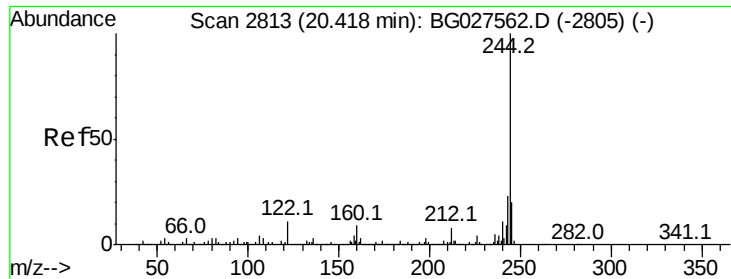
Ion Ratio Lower Upper

240 100

120 7.7 5.7 8.5

236 25.9 22.2 33.4





#78

Terphenyl-d14

Concen: 113.70 ng

RT: 20.40 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG027680.D

Acq: 26 Jun 2017 18:31

Instrument :

BNA_G

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CAN-FB062217

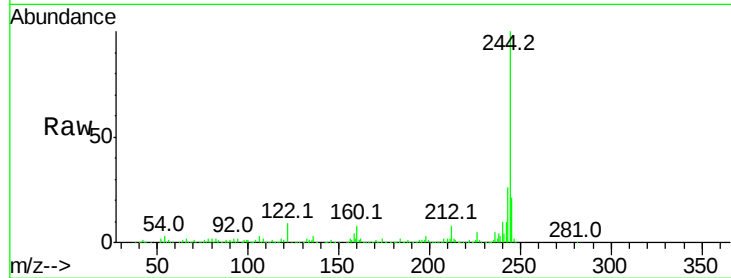
Tot Ion:244 Resp: 704096

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

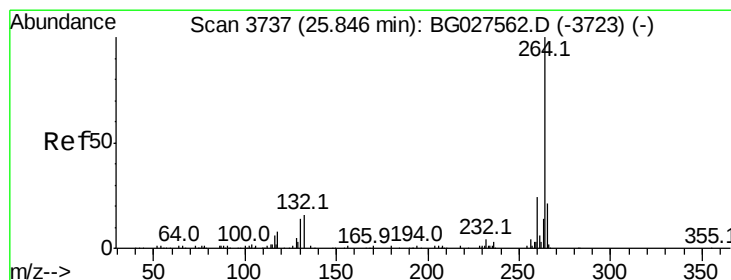
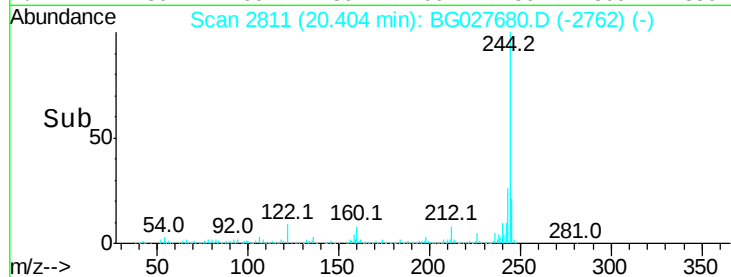
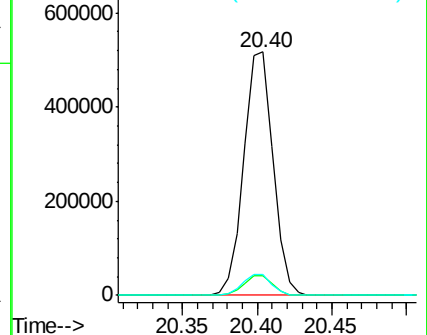
122 8.6 8.6 12.8



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: 20.00 ng

RT: 25.80 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG027680.D

Acq: 26 Jun 2017 18:31

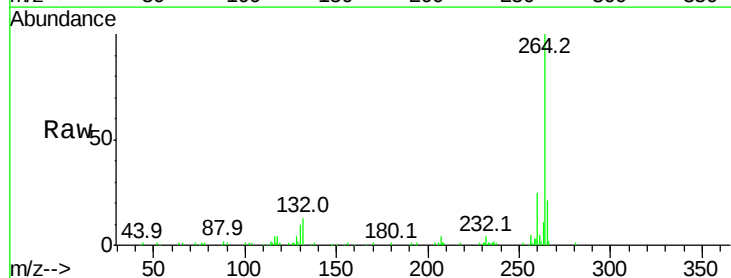
Tgt Ion:264 Resp: 139027

Ion Ratio Lower Upper

264 100

260 25.2 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

