

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027262.D
 Acq On : 6 Jun 2017 23:26
 Operator : SJ/MA
 Sample : I3438-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Jun 07 06:51:03 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	47217	20.00	ng	-0.01
21) Naphthalene-d8	11.38	136	213140	20.00	ng	-0.01
38) Acenaphthene-d10	15.14	164	139842	20.00	ng	-0.01
63) Phenanthrene-d10	17.89	188	364571	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	411147	20.00	ng	-0.03
86) Perylene-d12	25.98	264	371392	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	472560	152.72	ng	0.00
7) Phenol-d6	7.69	99	623865	137.35	ng	0.00
23) Nitrobenzene-d5	9.73	82	380167	112.17	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	324589	176.27	ng	-0.01
44) 2-Fluorobiphenyl	13.78	172	968895	96.93	ng	-0.01
78) Terphenyl-d14	20.47	244	1652206	102.51	ng	-0.02

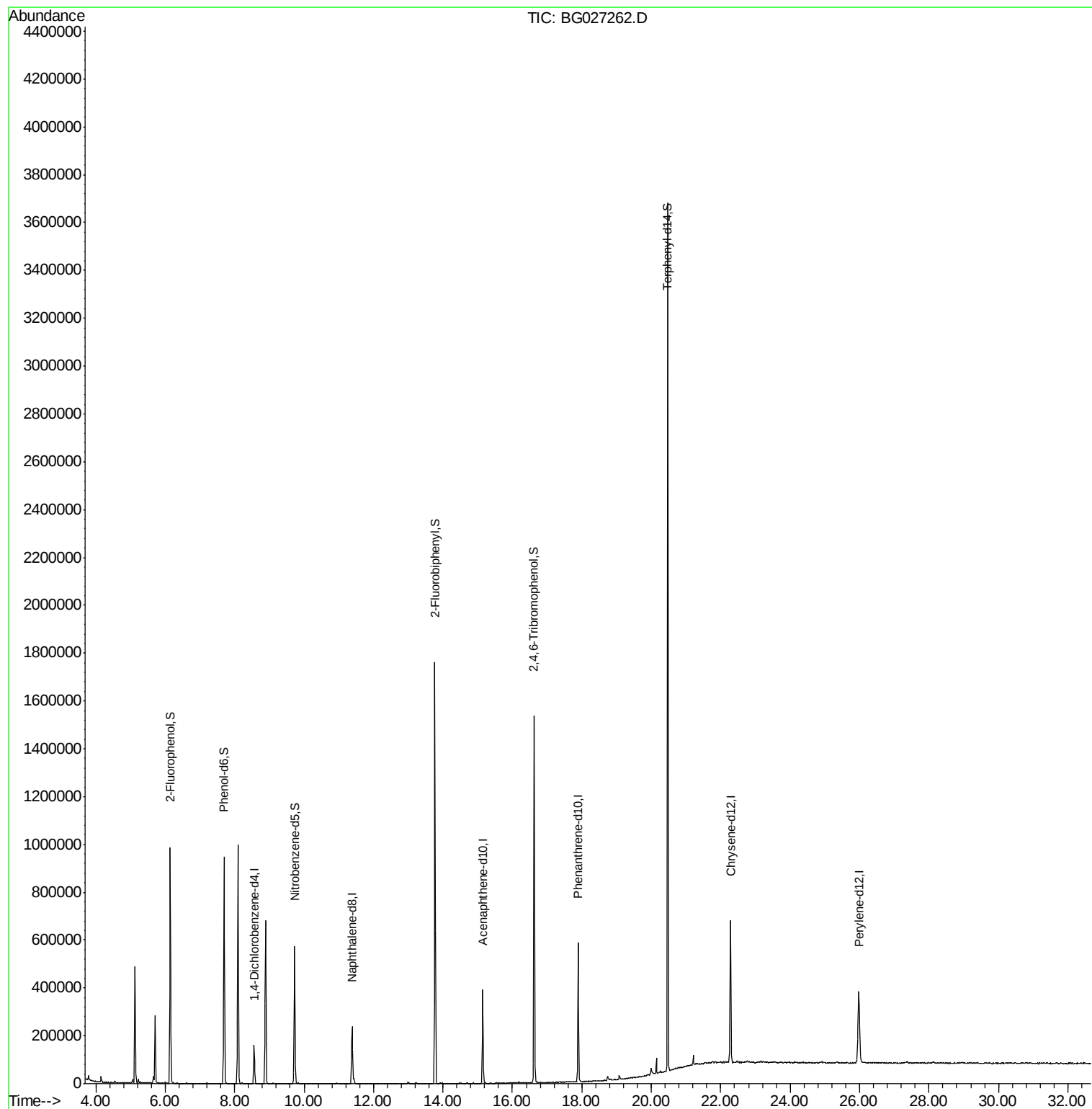
Target Compounds	Qvalue
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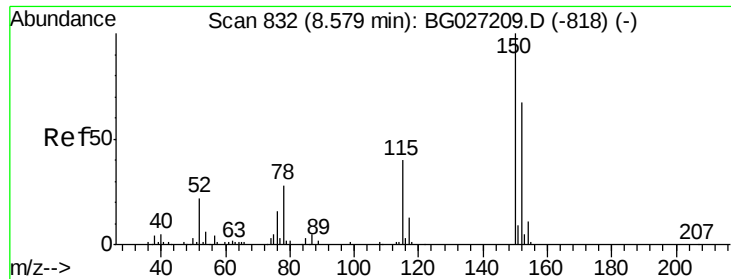
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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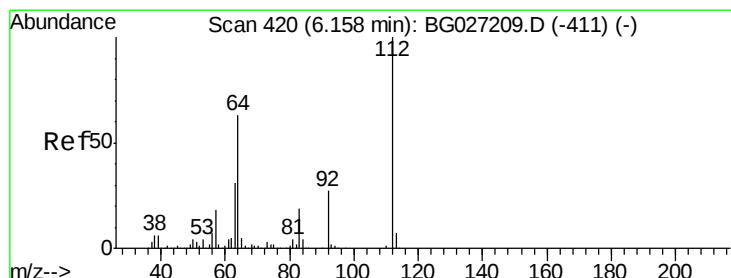
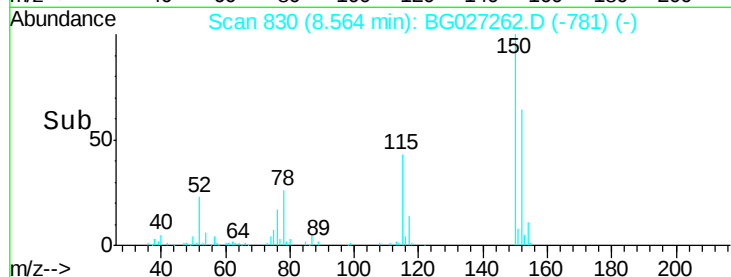
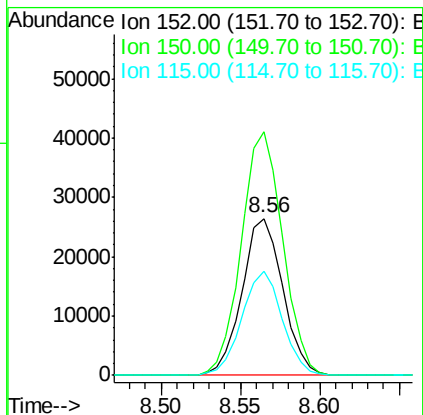
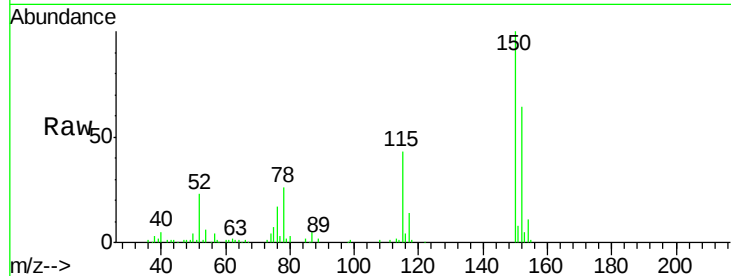


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG027262.D
Acq: 6 Jun 2017 23:26

Instrument :
BNA_G
ClientSampled :
TP-7

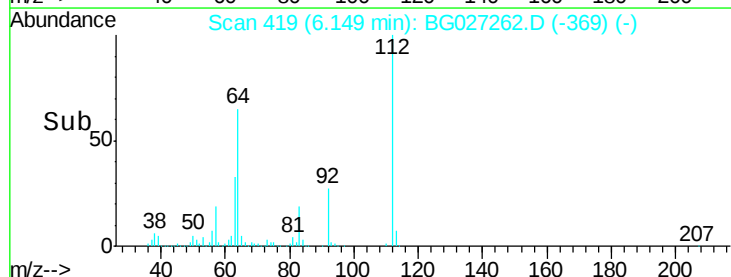
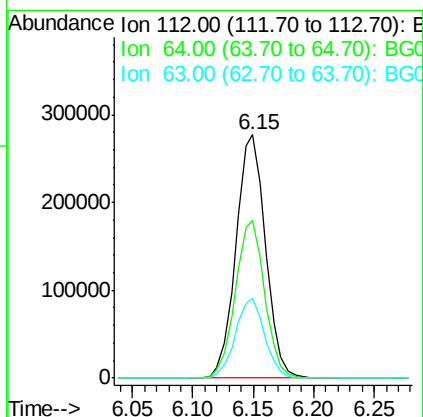
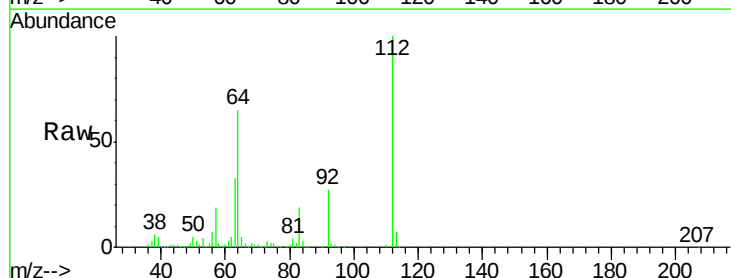
Tgt Ion:152 Resp: 47217
Ion Ratio Lower Upper
152 100
150 155.1 114.0 171.0
115 66.5 48.1 72.1

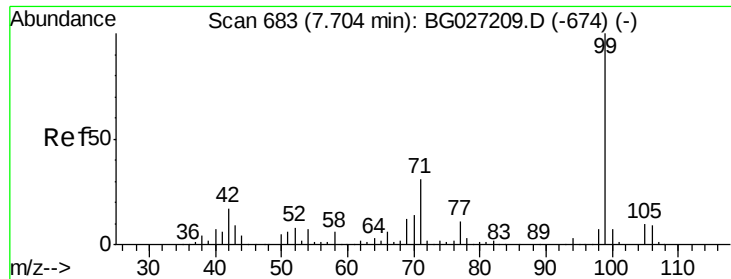


#5

2-Fluorophenol
Concen: 152.723 ng
RT: 6.15 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG027262.D
Acq: 6 Jun 2017 23:26

Tgt Ion:112 Resp: 472560
Ion Ratio Lower Upper
112 100
64 65.0 61.8 92.6
63 32.6 37.2 55.8#





#7

Phenol-d6

Concen: 137.354 ng

RT: 7.69 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027262.D

Acq: 6 Jun 2017 23:26

Instrument :

BNA_G

ClientSampleId :

TP-7

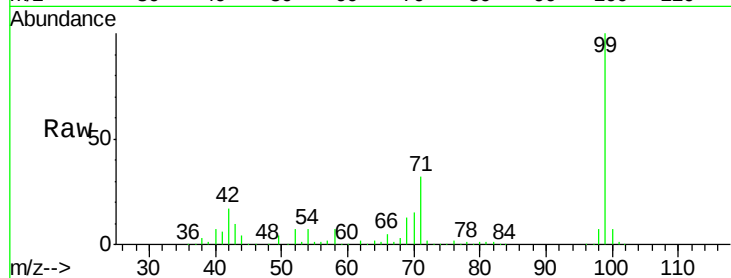
Tgt Ion: 99 Resp: 623865

Ion Ratio Lower Upper

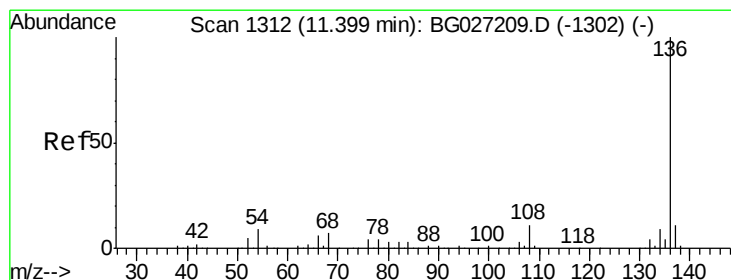
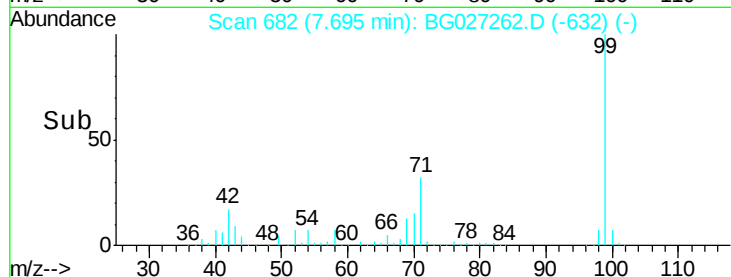
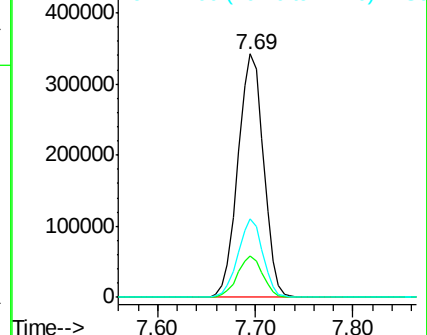
99 100

42 17.2 20.5 30.7#

71 32.1 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: 11.38 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG027262.D

Acq: 6 Jun 2017 23:26

Tgt Ion: 136 Resp: 213140

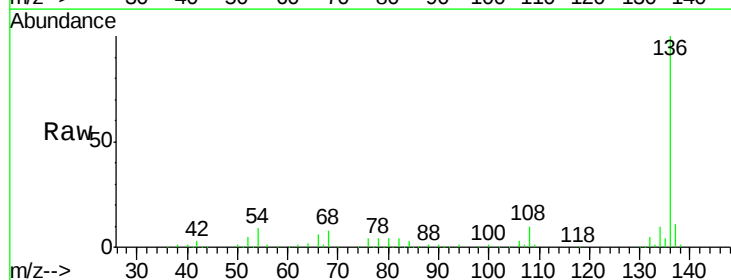
Ion Ratio Lower Upper

136 100

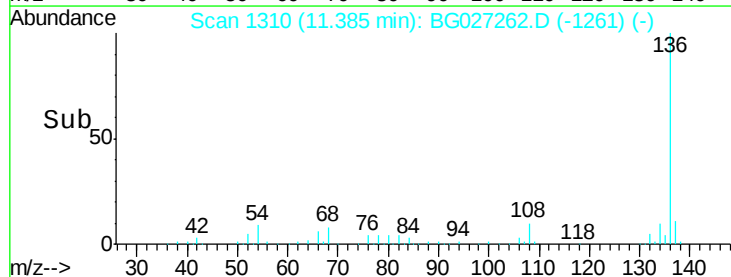
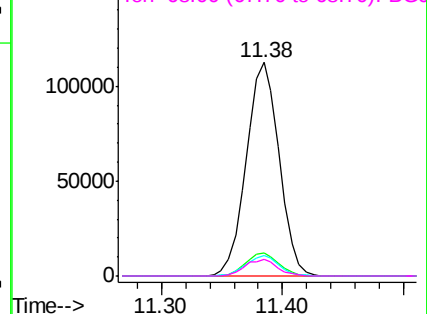
137 11.1 8.9 13.3

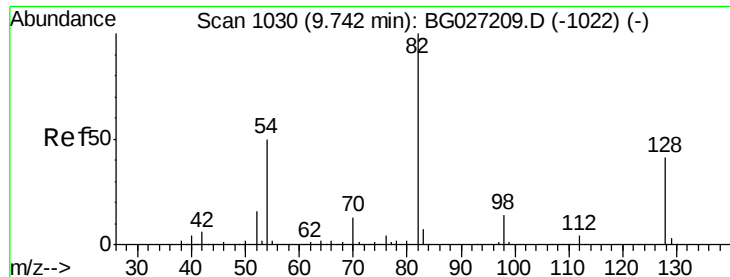
54 9.4 9.3 13.9

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

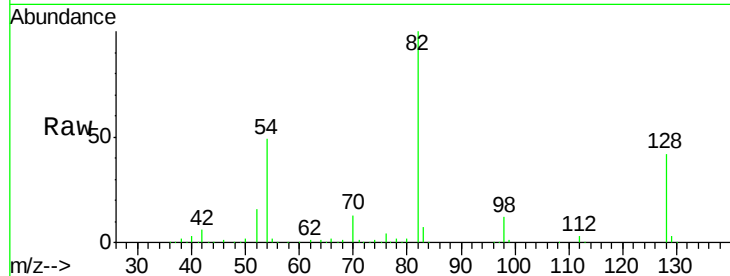




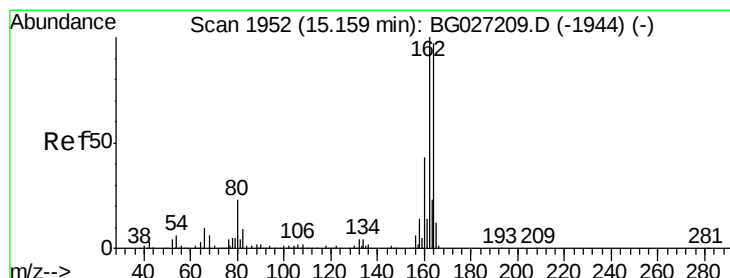
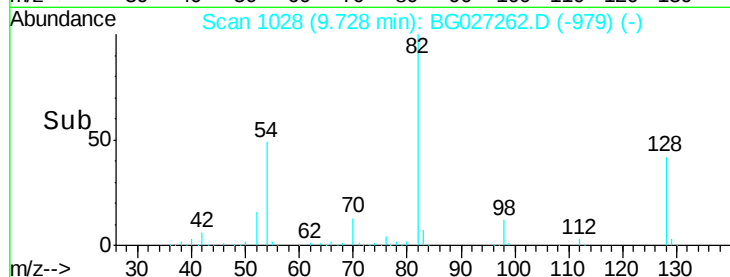
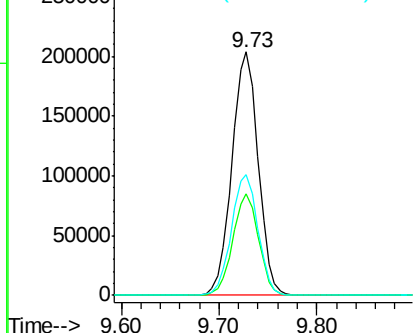
#23
 Nitrobenzene-d5
 Concen: 112.173 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027262.D
 Acq: 6 Jun 2017 23:26

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Tgt Ion: 82 Resp: 380167
 Ion Ratio Lower Upper
 82 100
 128 41.7 26.4 39.6#
 54 49.5 49.4 74.2

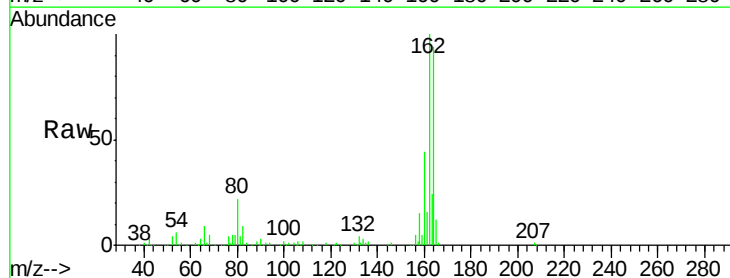


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

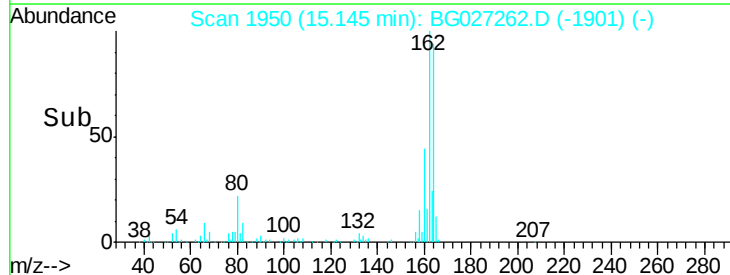
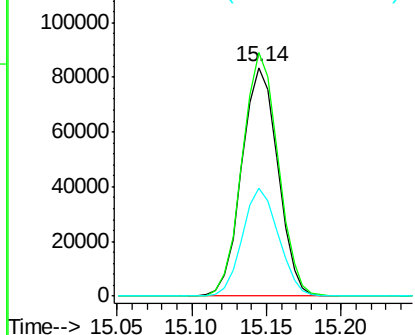


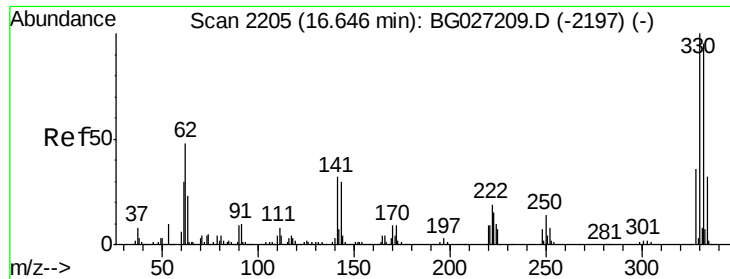
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.14 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG027262.D
 Acq: 6 Jun 2017 23:26

Tgt Ion: 164 Resp: 139842
 Ion Ratio Lower Upper
 164 100
 162 106.4 85.1 127.7
 160 47.0 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

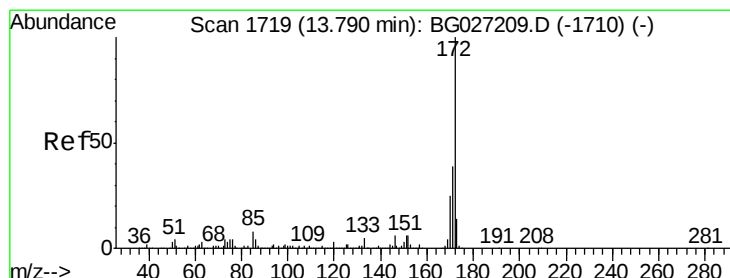
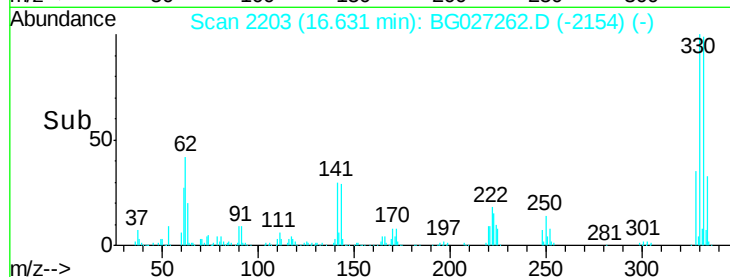
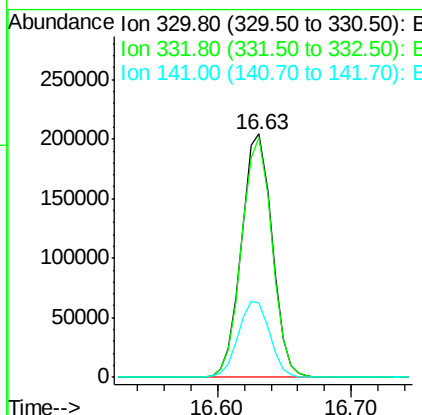
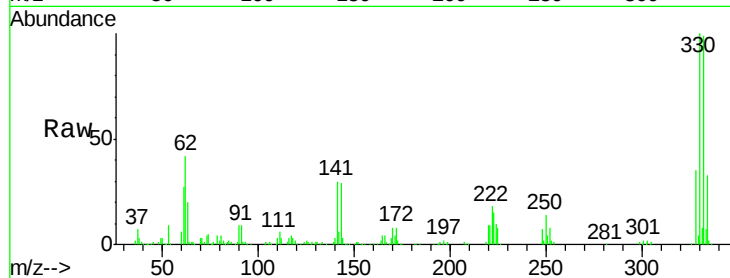




#41
 2,4,6-Tribromophenol
 Concen: 176.266 ng
 RT: 16.63 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG027262.D
 Acq: 6 Jun 2017 23:26

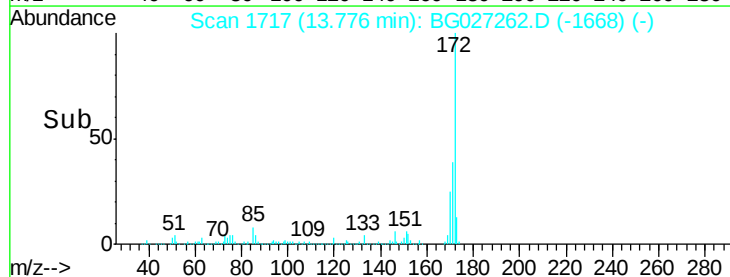
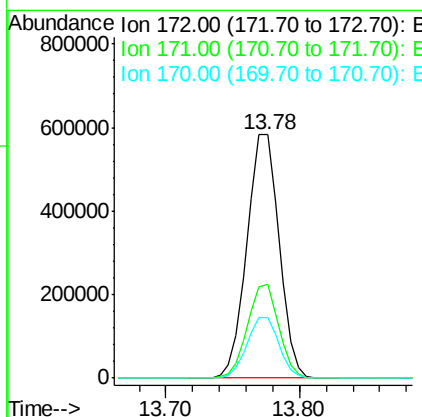
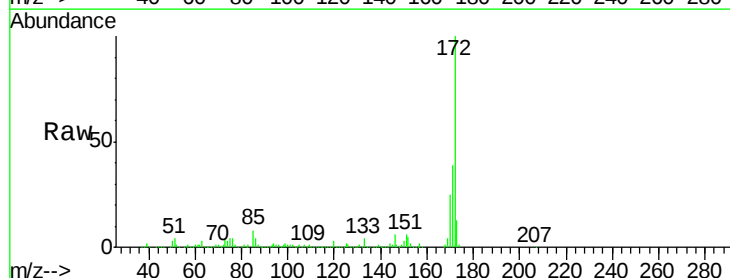
Instrument :
 BNA_G
 ClientSampled :
 TP-7

Tgt Ion:330 Resp: 324589
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 32.3 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 96.928 ng
 RT: 13.78 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG027262.D
 Acq: 6 Jun 2017 23:26

Tgt Ion:172 Resp: 968895
 Ion Ratio Lower Upper
 172 100
 171 38.8 32.2 48.2
 170 24.9 21.8 32.6

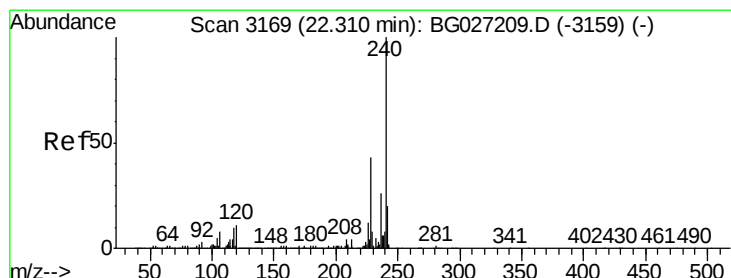
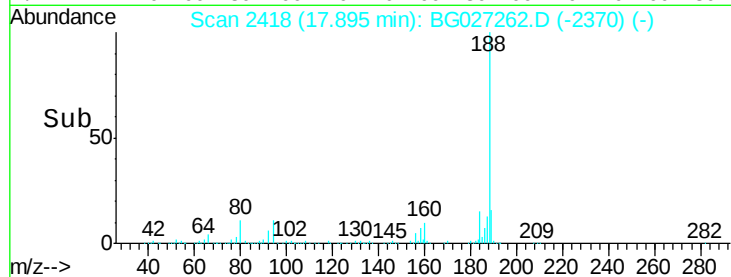
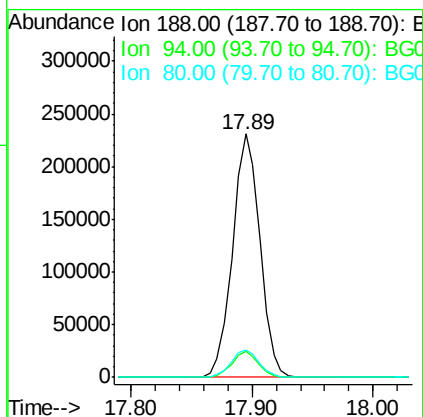
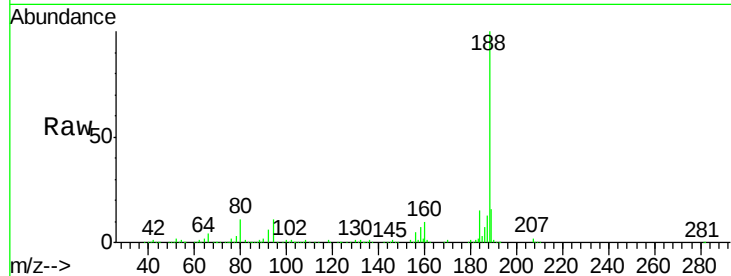




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027262.D
Acq: 6 Jun 2017 23:26

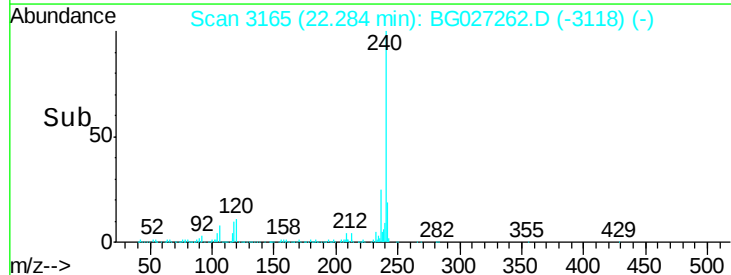
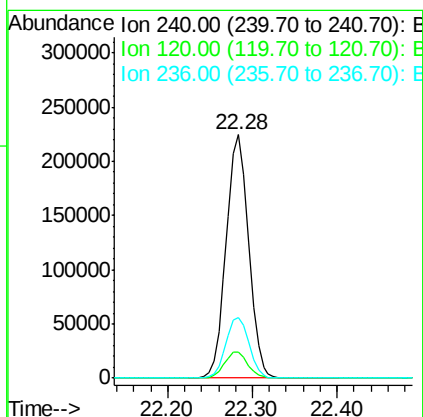
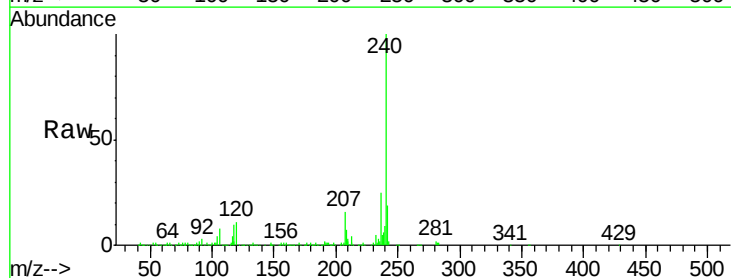
Instrument :
BNA_G
ClientSampleId :
TP-7

Tgt Ion:188 Resp: 364571
Ion Ratio Lower Upper
188 100
94 10.7 5.8 8.8#
80 11.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.28 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG027262.D
Acq: 6 Jun 2017 23:26

Tgt Ion:240 Resp: 411147
Ion Ratio Lower Upper
240 100
120 10.8 5.7 8.5#
236 25.0 22.2 33.4





#78

Terphenyl-d14

Concen: 102.513 ng

RT: 20.47 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027262.D

Acq: 6 Jun 2017 23:26

Instrument :

BNA_G

ClientSampleId :

TP-7

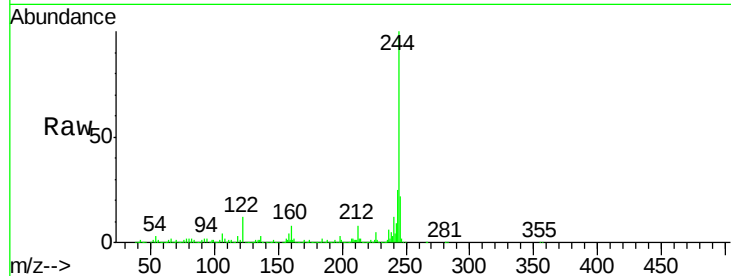
Tgt Ion:244 Resp: 1652206

Ion Ratio Lower Upper

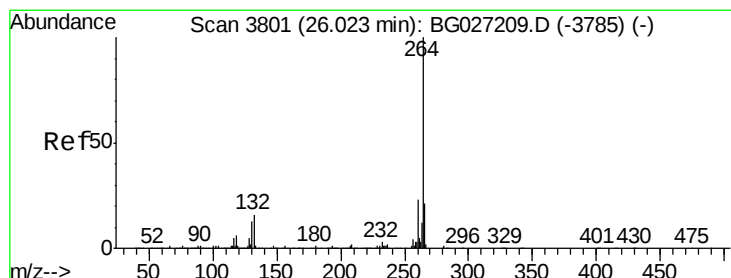
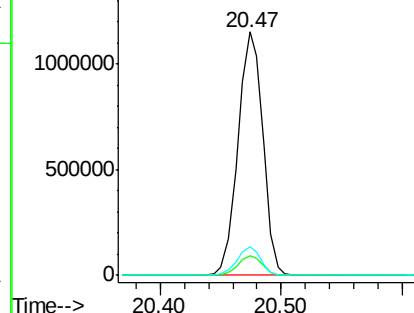
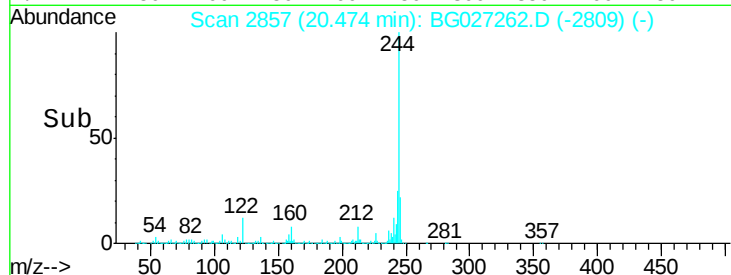
244 100

212 8.1 10.0 15.0#

122 11.8 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: 25.98 min Scan# 3794

Delta R.T. -0.04 min

Lab File: BG027262.D

Acq: 6 Jun 2017 23:26

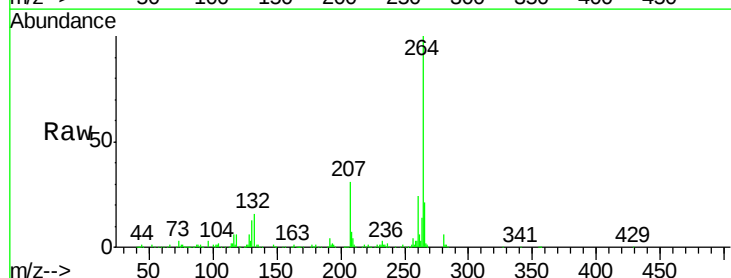
Tgt Ion:264 Resp: 371392

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 20.8 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

