

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062317\
 Data File : BG027641.D
 Acq On : 23 Jun 2017 21:51
 Operator : SJ/JU
 Sample : I3870-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-EQUIP-BLANK

Quant Time: Jun 24 02:22:13 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	8.51	152	16973	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	80538	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	52981	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	158009	20.00	ng	0.00
75) Chrysene-d12	22.21	240	176084	20.00	ng	0.00
86) Perylene-d12	25.84	264	164909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	70616	59.21	ng	0.00
7) Phenol-d6	7.64	99	58377	33.07	ng	0.00
23) Nitrobenzene-d5	9.67	82	148198	87.07	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	138067	174.80	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	355497	91.66	ng	0.00
78) Terphenyl-d14	20.42	244	764456	102.29	ng	0.00

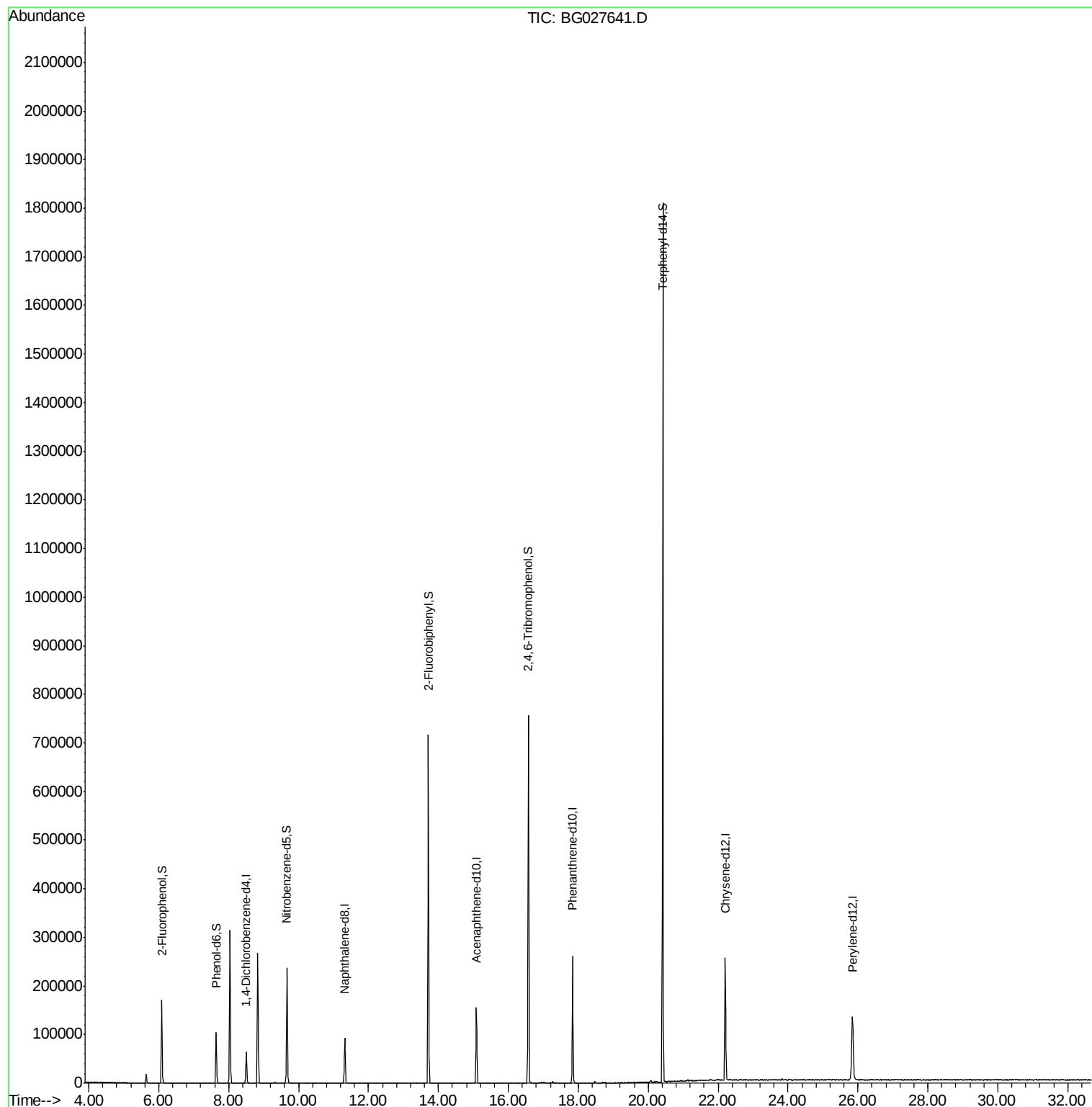
Target Compounds Qvalue

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

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QLast Update : Wed Jun 21 18:52:15 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.51 min Scan# 786

Delta R.T. -0.00 min

Lab File: BG027641.D

Acq: 23 Jun 2017 21:51

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP-BLANK

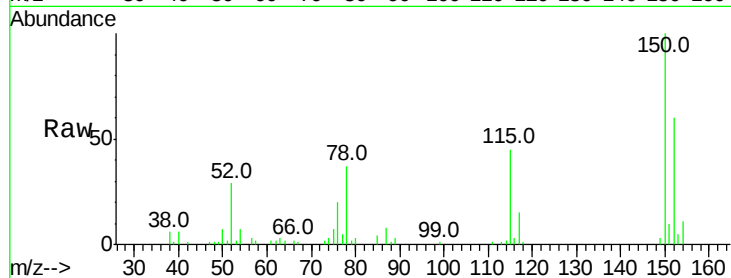
Tot Ion:152 Resp: 16973

Ion Ratio Lower Upper

152 100

150 165.6 114.0 171.0

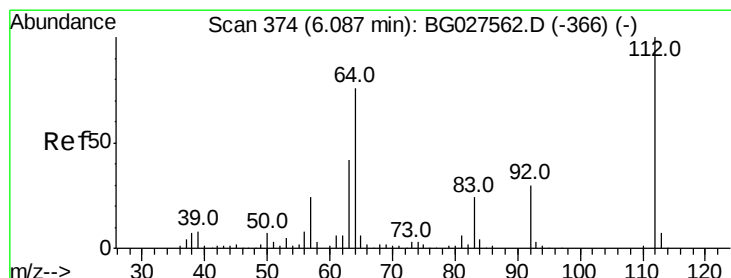
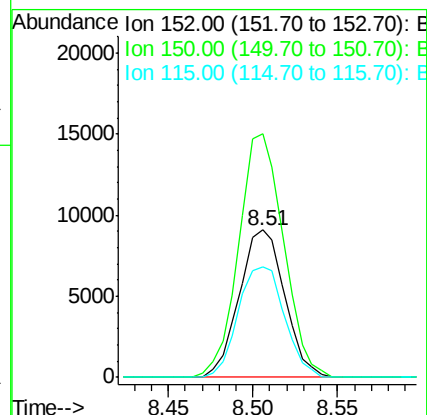
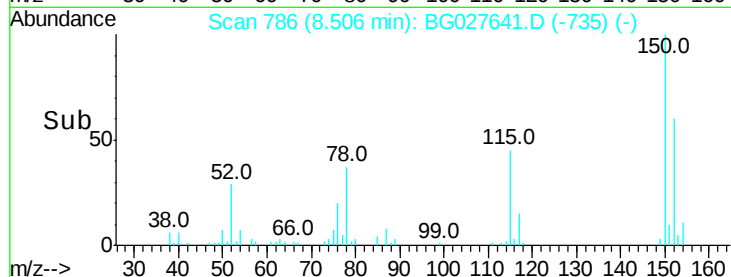
115 75.0 48.1 72.1#



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: 59.21 ng

RT: 6.08 min Scan# 374

Delta R.T. -0.00 min

Lab File: BG027641.D

Acq: 23 Jun 2017 21:51

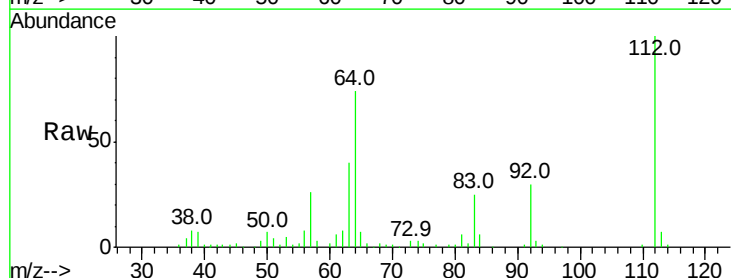
Tgt Ion:112 Resp: 70616

Ion Ratio Lower Upper

112 100

64 73.8 61.8 92.6

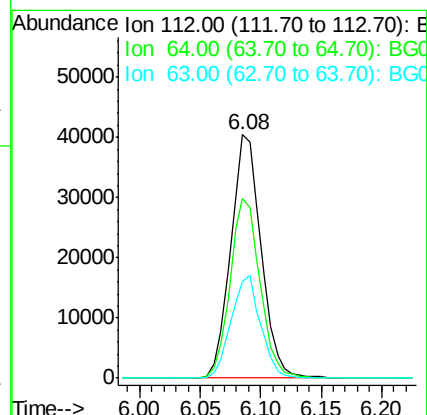
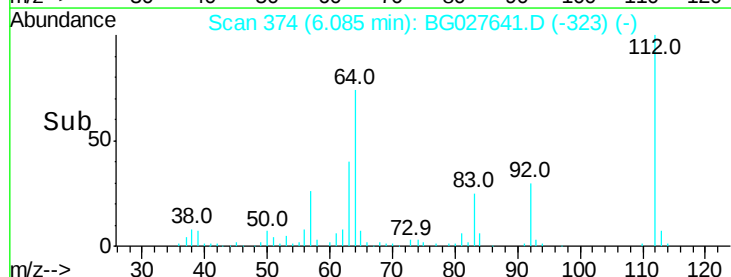
63 39.7 37.2 55.8

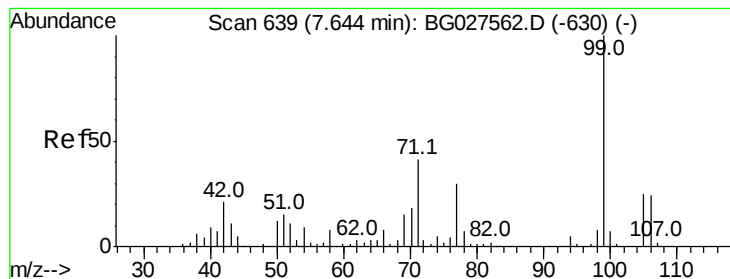


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.07 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027641.D

Acq: 23 Jun 2017 21:51

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP-BLANK

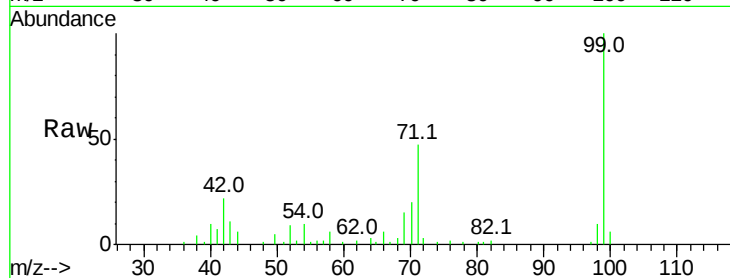
Tot Ion: 99 Resp: 58377

Ion Ratio Lower Upper

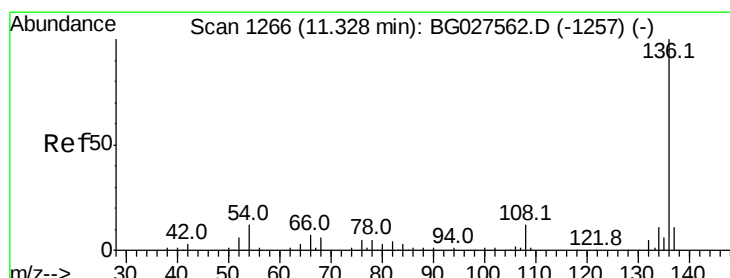
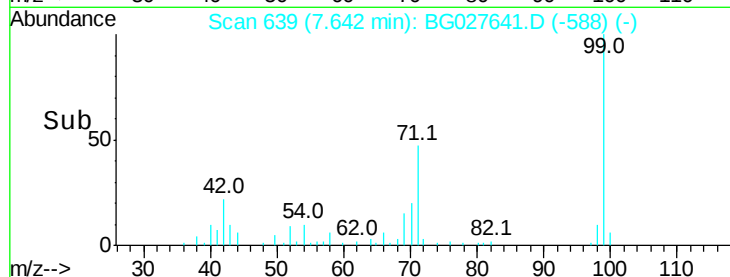
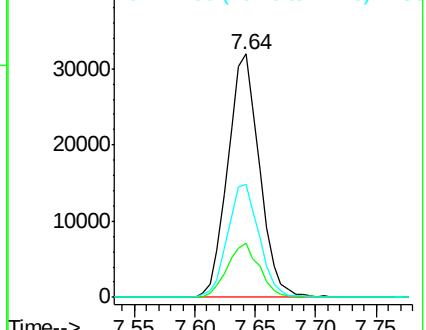
99 100

42 22.5 20.5 30.7

71 46.7 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: 20.00 ng

RT: 11.32 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG027641.D

Acq: 23 Jun 2017 21:51

Tgt Ion: 136 Resp: 80538

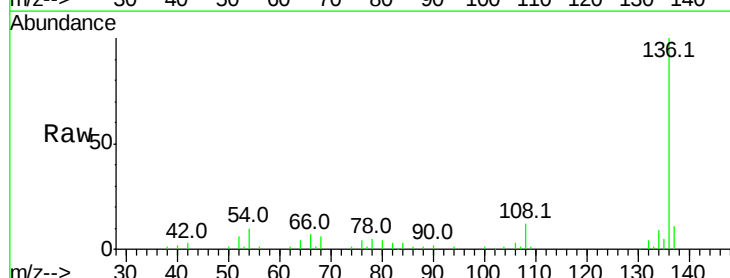
Ion Ratio Lower Upper

136 100

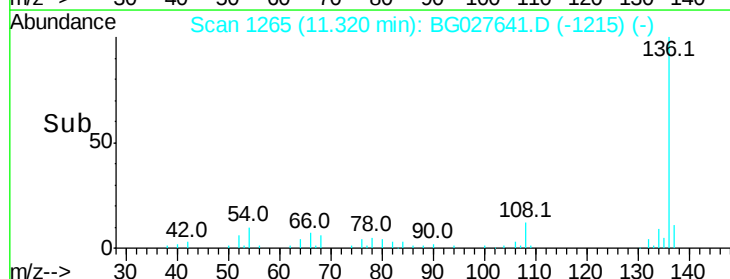
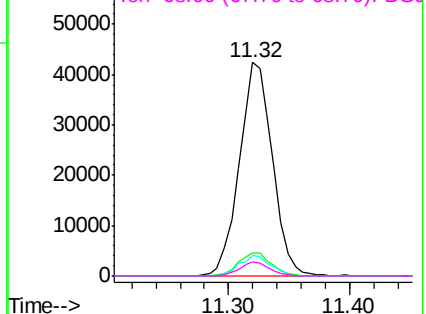
137 10.6 8.9 13.3

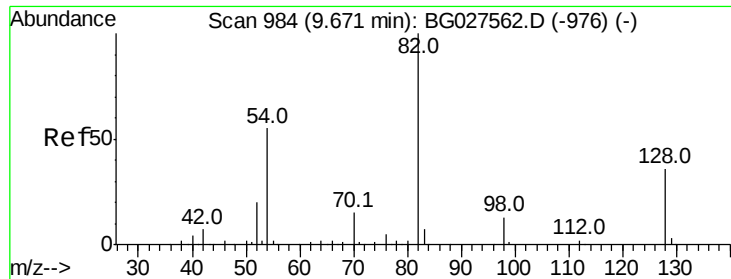
54 9.6 9.3 13.9

68 6.3 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: 87.07 ng

RT: 9.67 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG027641.D

Acq: 23 Jun 2017 21:51

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP-BLANK

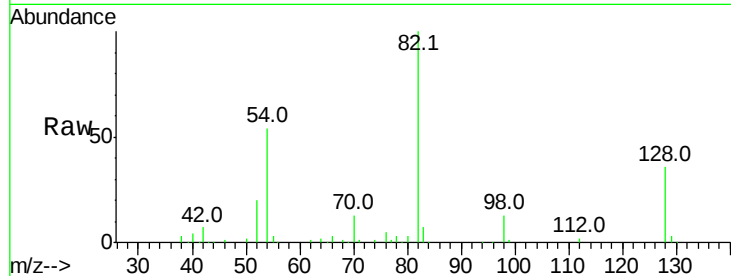
Tot Ion: 82 Resp: 148198

Ion Ratio Lower Upper

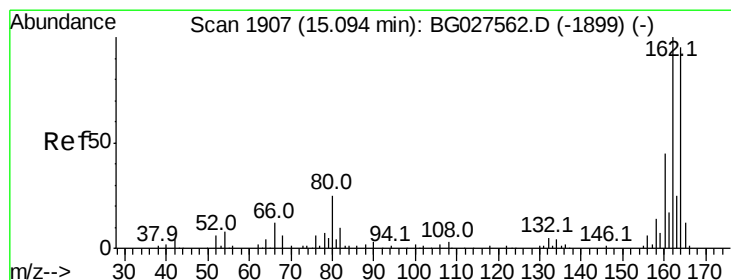
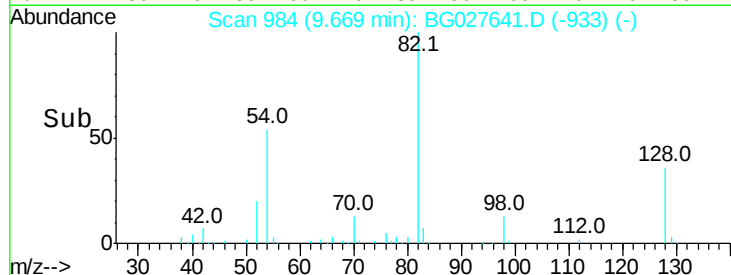
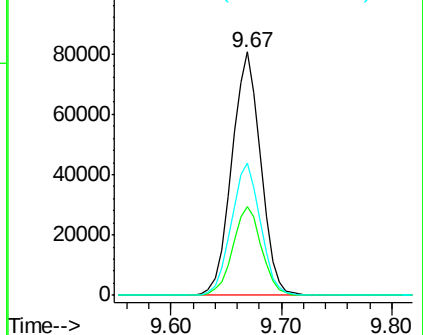
82 100

128 36.5 26.4 39.6

54 54.1 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: 20.00 ng

RT: 15.09 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BG027641.D

Acq: 23 Jun 2017 21:51

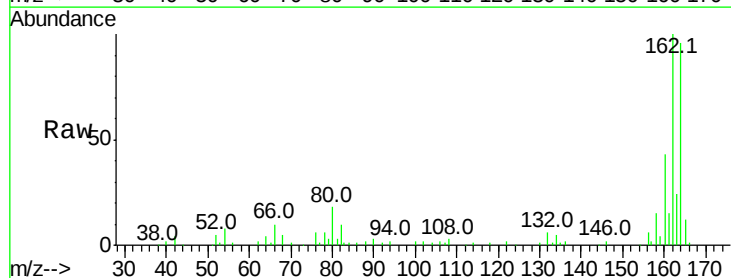
Tgt Ion:164 Resp: 52981

Ion Ratio Lower Upper

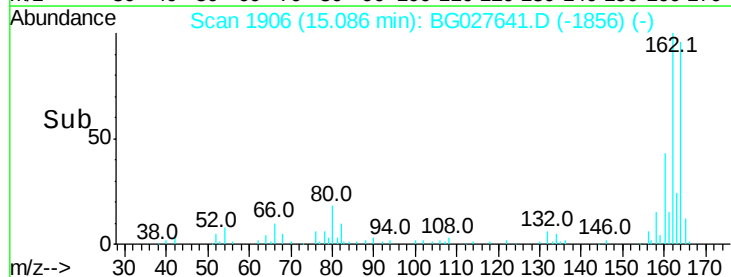
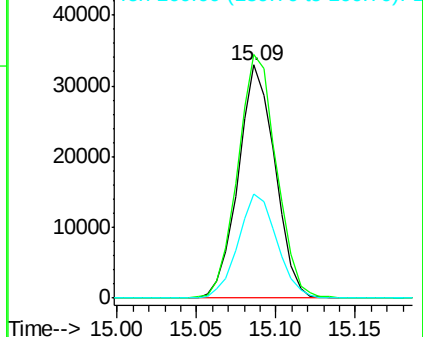
164 100

162 104.5 85.1 127.7

160 44.9 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

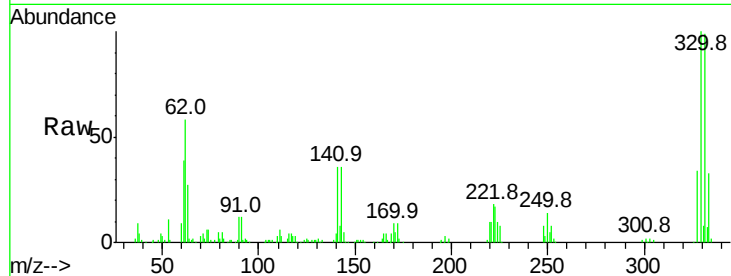




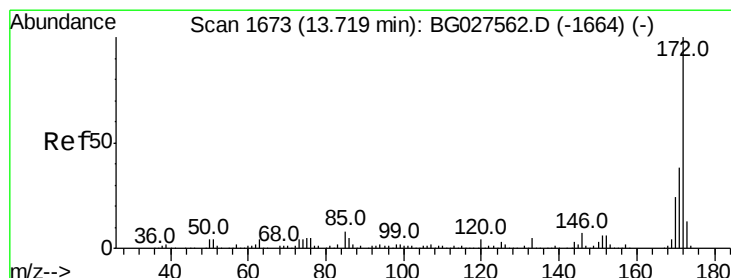
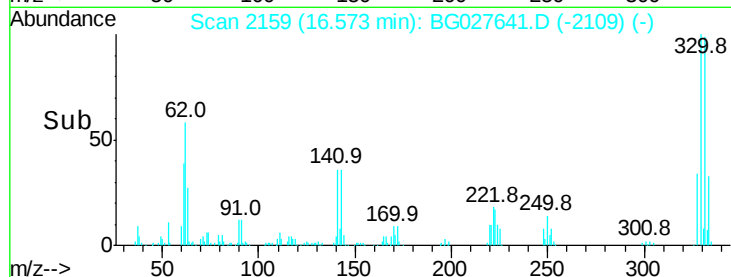
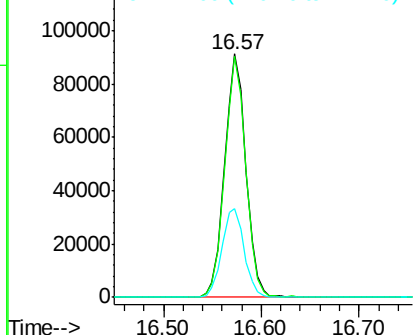
#41
 2,4,6-Tribromophenol
 Concen: 174.80 ng
 RT: 16.57 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027641.D
 Acq: 23 Jun 2017 21:51

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-EQUIP-BLANK

Tot Ion:330 Resp: 138067
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 37.9 32.1 48.1

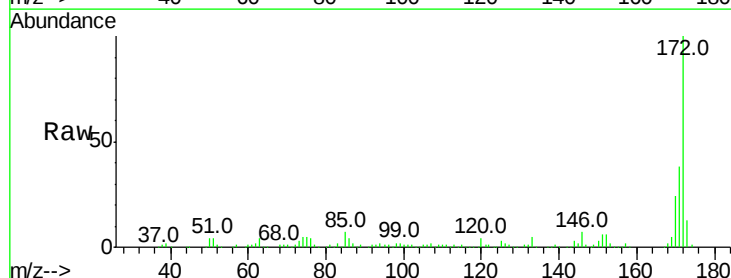


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

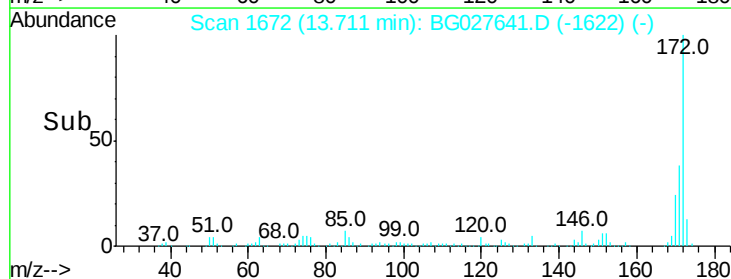
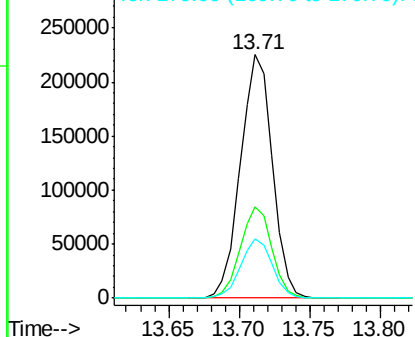


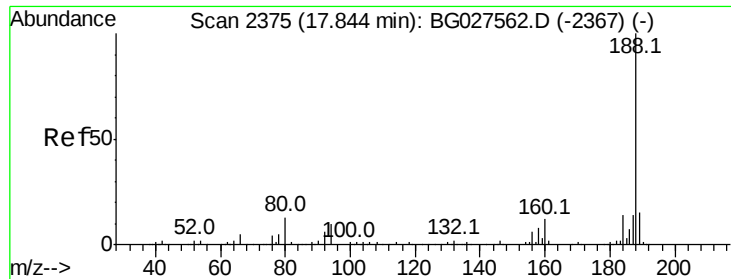
#44
 2-Fluorobiphenyl
 Concen: 91.66 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027641.D
 Acq: 23 Jun 2017 21:51

Tgt Ion:172 Resp: 355497
 Ion Ratio Lower Upper
 172 100
 171 37.7 32.2 48.2
 170 24.3 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

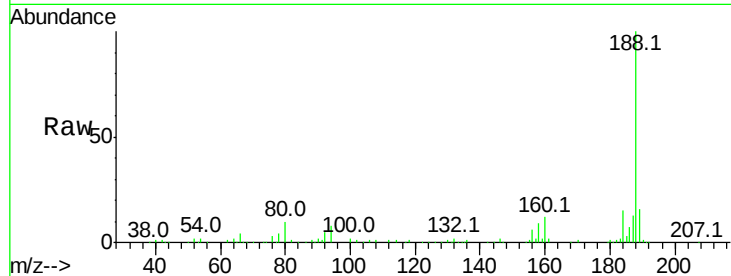




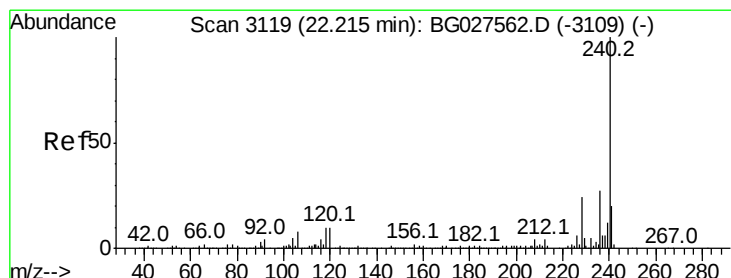
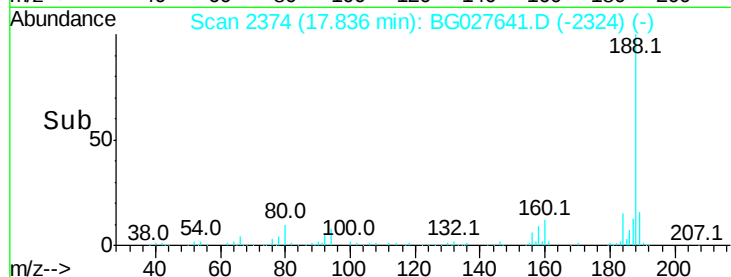
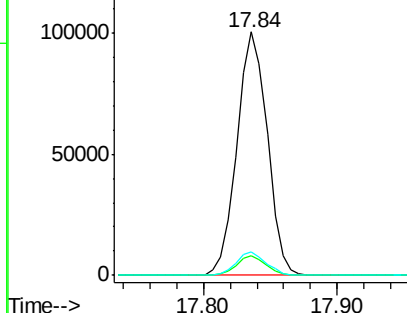
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027641.D
Acq: 23 Jun 2017 21:51

Instrument :
BNA_G
ClientSampleId :
QNWP8-EQUIP-BLANK

Tot Ion:188 Resp: 158009
Ion Ratio Lower Upper
188 100
94 8.3 5.8 8.8
80 9.8 7.5 11.3

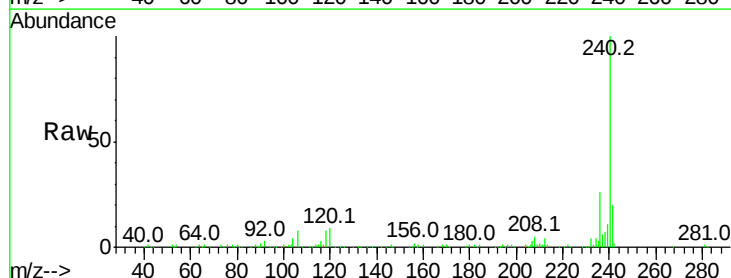


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

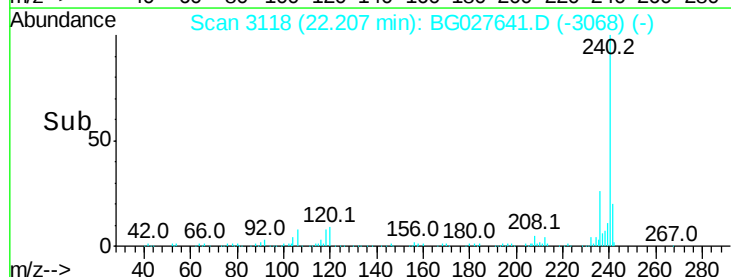
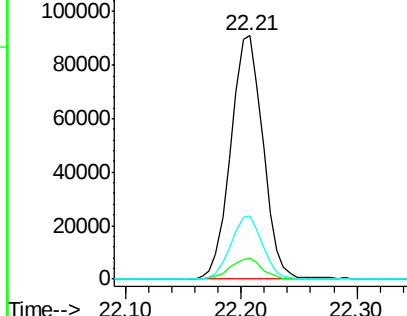


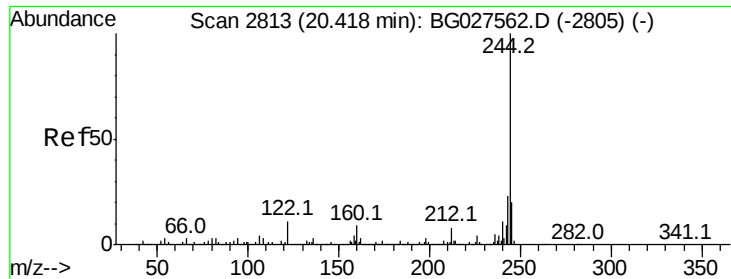
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.21 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG027641.D
Acq: 23 Jun 2017 21:51

Tgt Ion:240 Resp: 176084
Ion Ratio Lower Upper
240 100
120 8.6 5.7 8.5#
236 25.9 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: 102.29 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027641.D

Acq: 23 Jun 2017 21:51

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP-BLANK

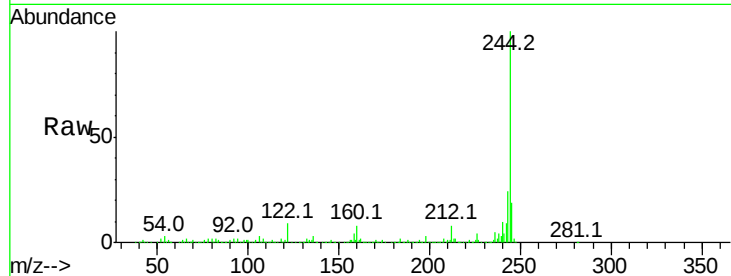
Tot Ion:244 Resp: 764456

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

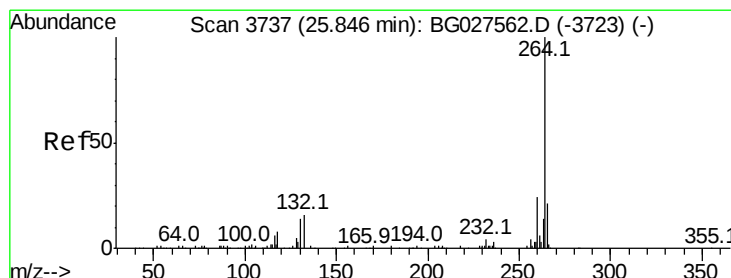
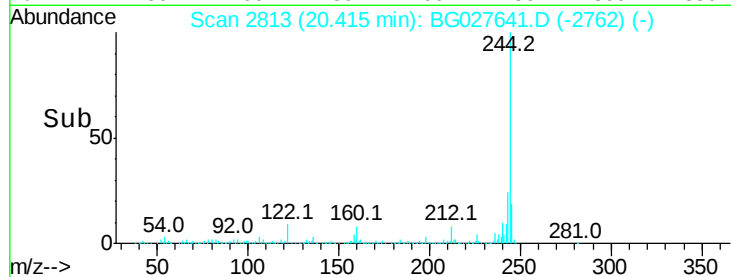
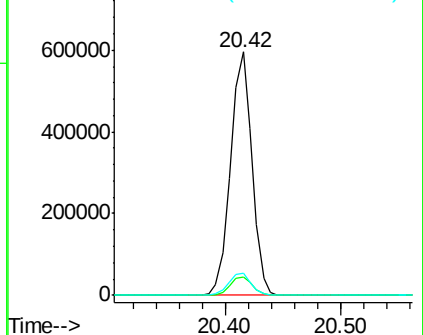
122 9.1 8.6 12.8



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: 25.84 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG027641.D

Acq: 23 Jun 2017 21:51

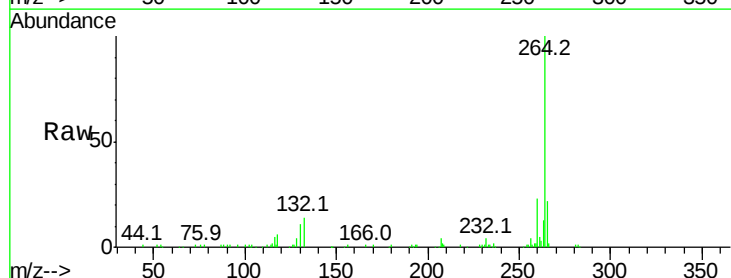
Tgt Ion:264 Resp: 164909

Ion Ratio Lower Upper

264 100

260 22.5 21.8 32.8

265 21.8 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

