

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG062417\
 Data File : BG027672.D
 Acq On : 24 Jun 2017 23:26
 Operator : SJ/JU
 Sample : I3872-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-062217-A

Quant Time: Jun 26 07:16:16 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	19387	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	88856	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	52204	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	132783	20.00	ng	0.00
75) Chrysene-d12	22.20	240	151314	20.00	ng	-0.01
86) Perylene-d12	25.84	264	149289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	189214	138.90	ng	0.00
7) Phenol-d6	7.65	99	234181	116.13	ng	0.00
23) Nitrobenzene-d5	9.67	82	182110	96.98	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	117206	150.60	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	414108	108.36	ng	0.00
78) Terphenyl-d14	20.42	244	758433	118.09	ng	0.00

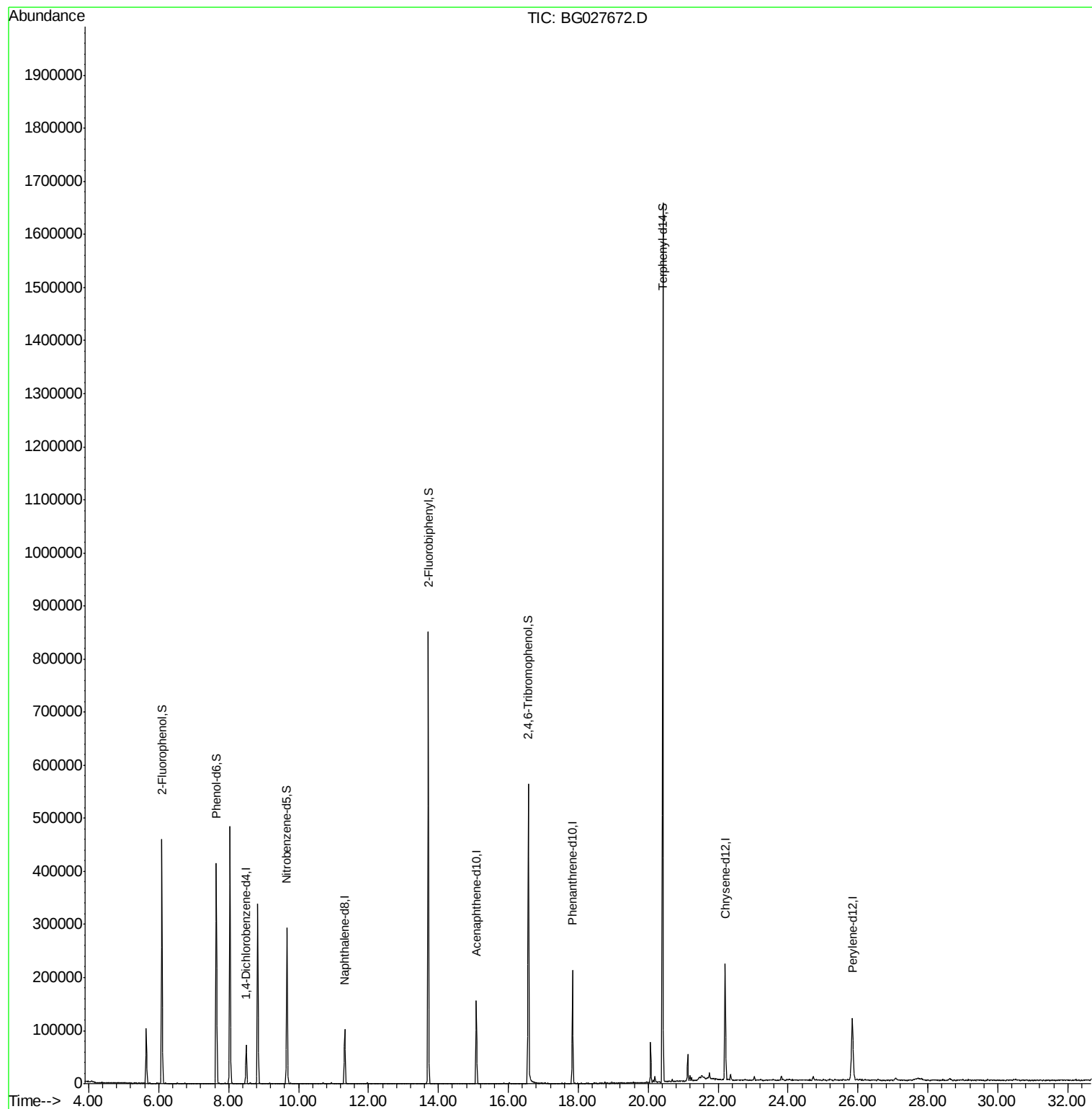
Target Compounds	Qvalue
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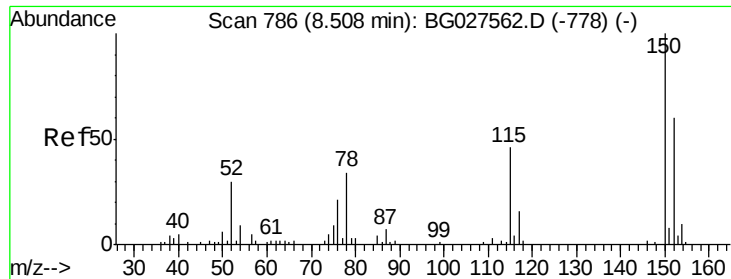
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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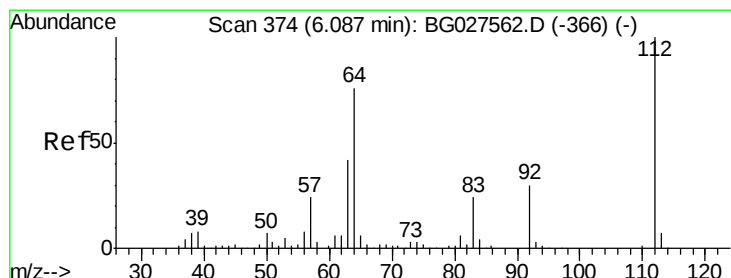
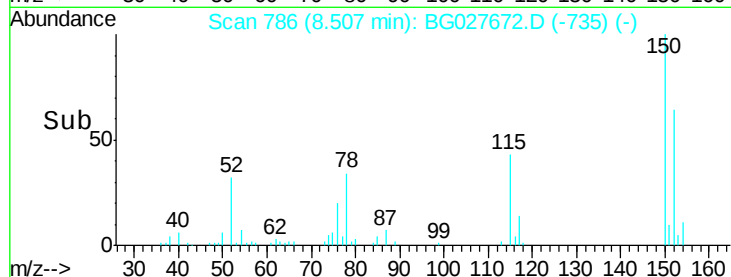
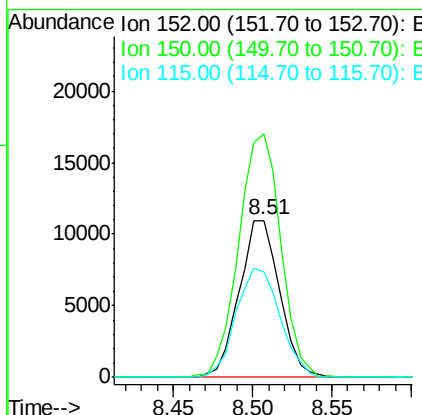
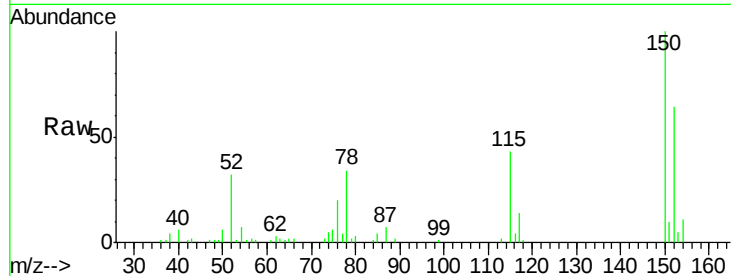


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027672.D
Acq: 24 Jun 2017 23:26

Instrument :
BNA_G
ClientSampleId :
HR-05-062217-A

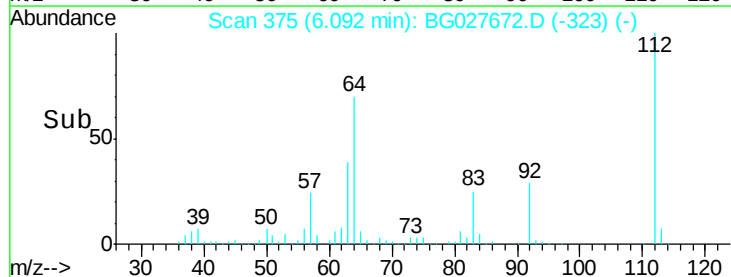
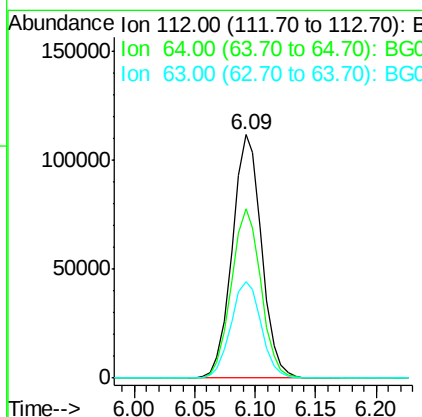
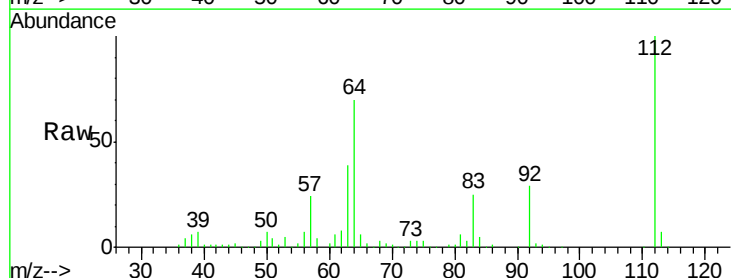
Tgt Ion:152 Resp: 19387
Ion Ratio Lower Upper
152 100
150 155.2 114.0 171.0
115 67.1 48.1 72.1

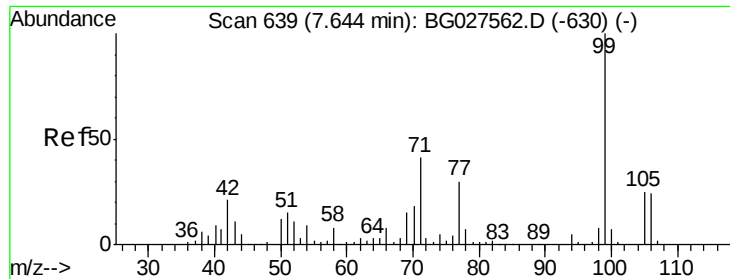


#5

2-Fluorophenol
Concen: 138.904 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.00 min
Lab File: BG027672.D
Acq: 24 Jun 2017 23:26

Tgt Ion:112 Resp: 189214
Ion Ratio Lower Upper
112 100
64 69.8 61.8 92.6
63 39.4 37.2 55.8





#7

Phenol-d6

Concen: 116.127 ng

RT: 7.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BG027672.D

Acq: 24 Jun 2017 23:26

Instrument :

BNA_G

ClientSampleId :

HR-05-062217-A

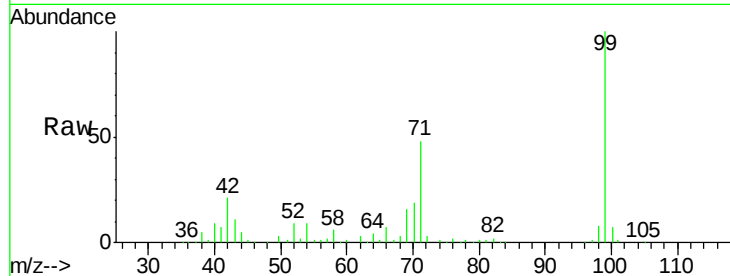
Tgt Ion: 99 Resp: 234181

Ion Ratio Lower Upper

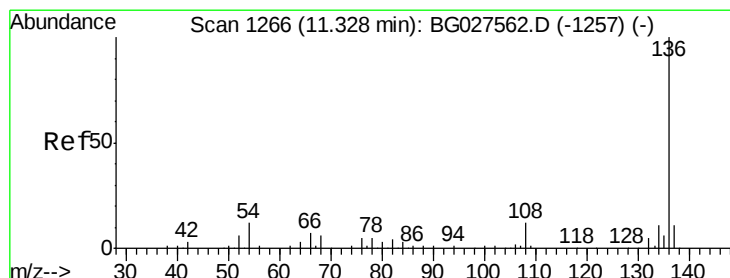
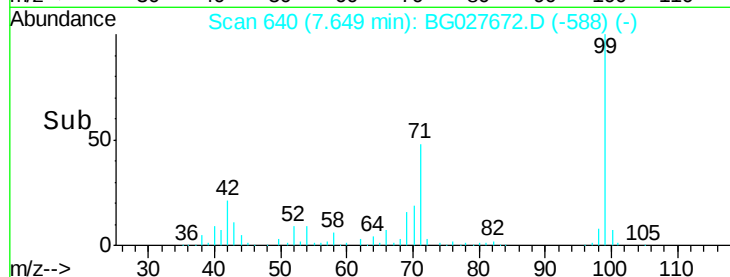
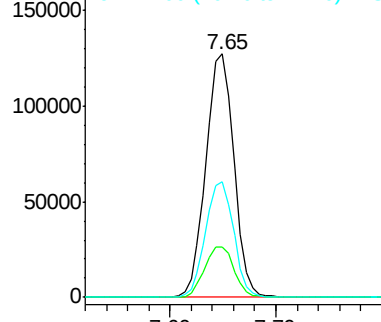
99 100

42 20.7 20.5 30.7

71 47.6 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: 11.32 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG027672.D

Acq: 24 Jun 2017 23:26

Tgt Ion: 136 Resp: 88856

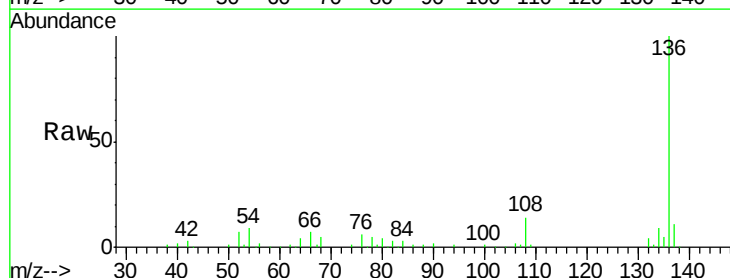
Ion Ratio Lower Upper

136 100

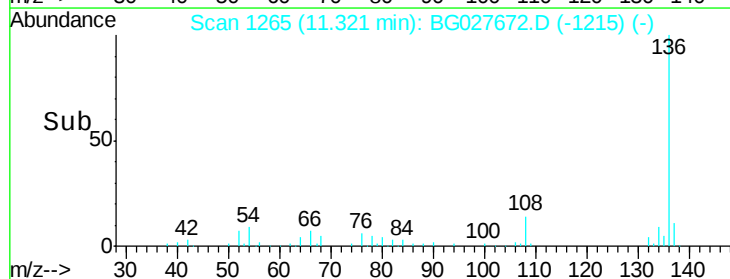
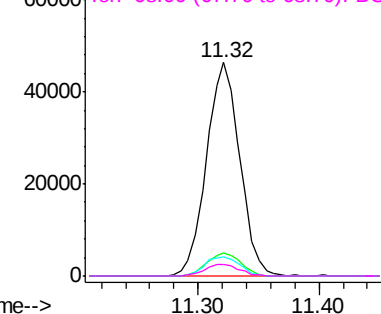
137 10.7 8.9 13.3

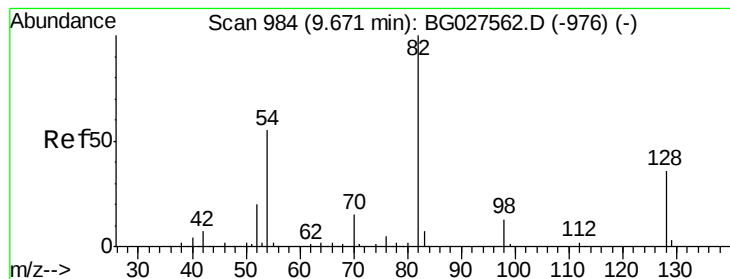
54 8.8 9.3 13.9#

68 5.2 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: 96.979 ng

RT: 9.67 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG027672.D

Acq: 24 Jun 2017 23:26

Instrument :

BNA_G

ClientSampleId :

HR-05-062217-A

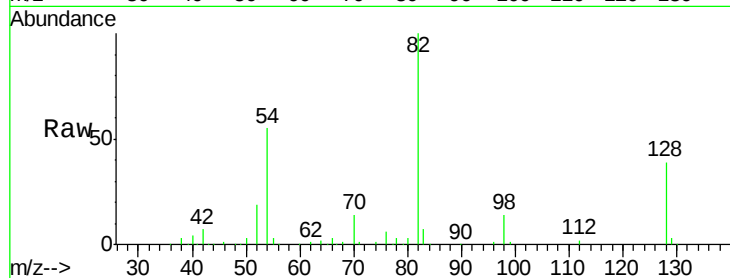
Tgt Ion: 82 Resp: 182110

Ion Ratio Lower Upper

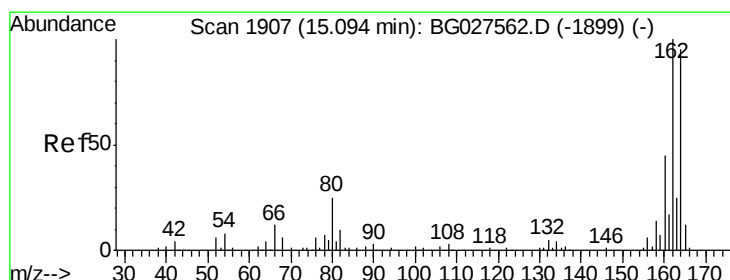
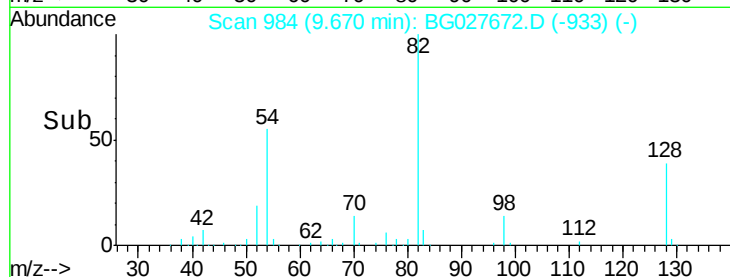
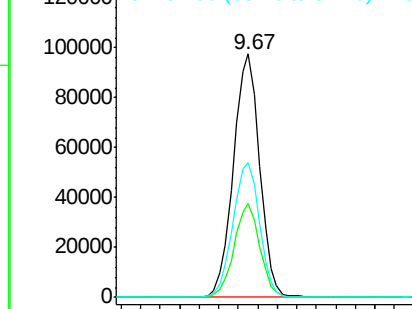
82 100

128 38.6 26.4 39.6

54 55.4 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: 15.09 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BG027672.D

Acq: 24 Jun 2017 23:26

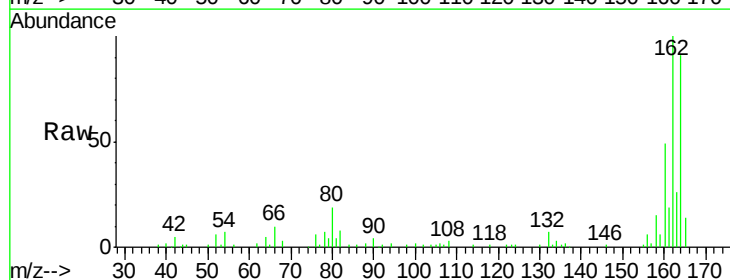
Tgt Ion: 164 Resp: 52204

Ion Ratio Lower Upper

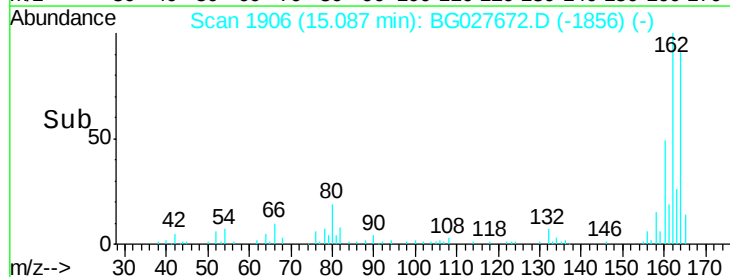
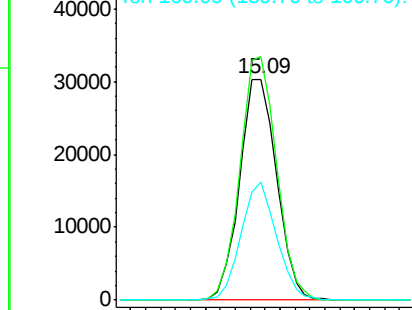
164 100

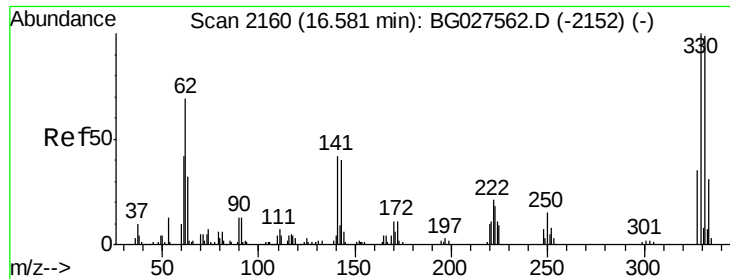
162 110.3 85.1 127.7

160 53.5 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

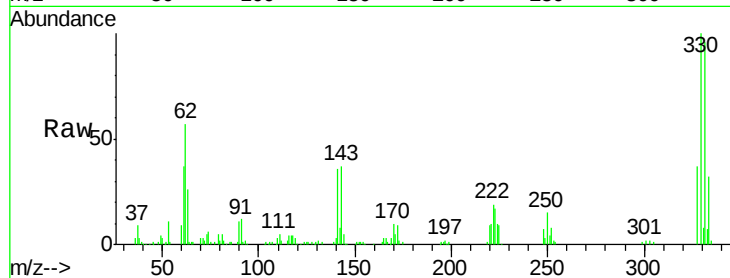




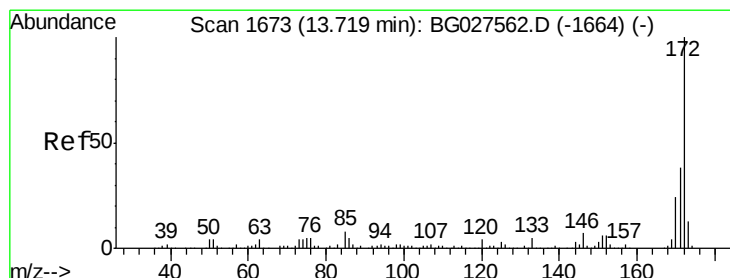
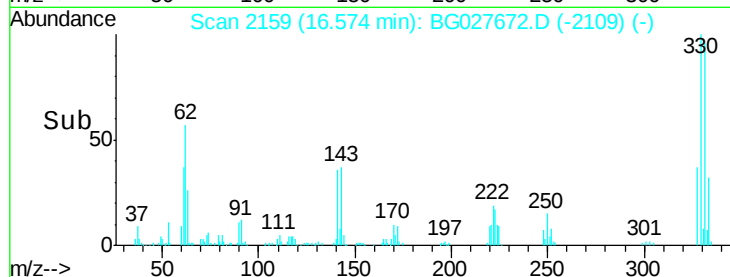
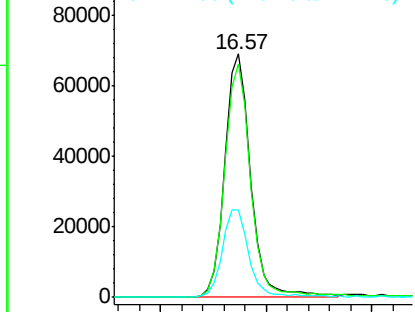
#41
 2,4,6-Tribromophenol
 Concen: 150.597 ng
 RT: 16.57 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027672.D
 Acq: 24 Jun 2017 23:26

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-062217-A

Tgt Ion:330 Resp: 117206
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 37.2 32.1 48.1

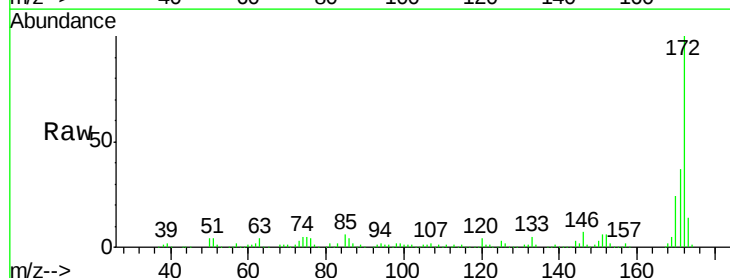


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

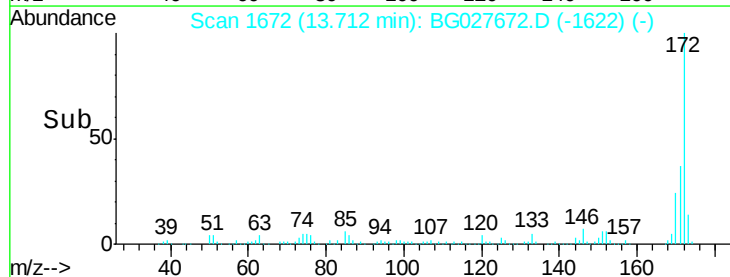
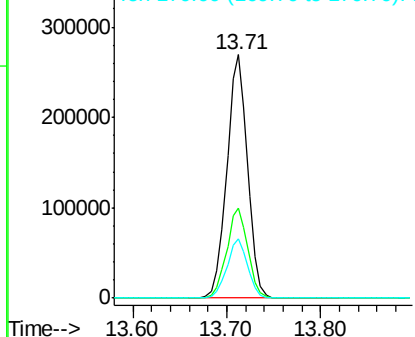


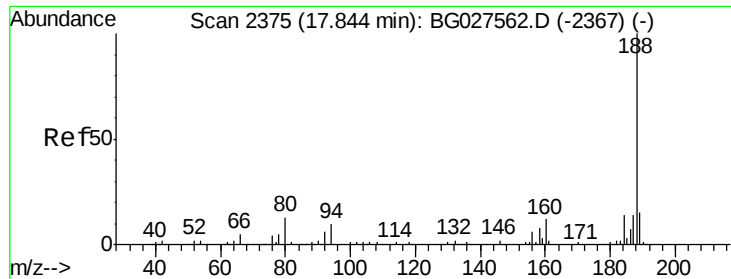
#44
 2-Fluorobiphenyl
 Concen: 108.357 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027672.D
 Acq: 24 Jun 2017 23:26

Tgt Ion:172 Resp: 414108
 Ion Ratio Lower Upper
 172 100
 171 36.9 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

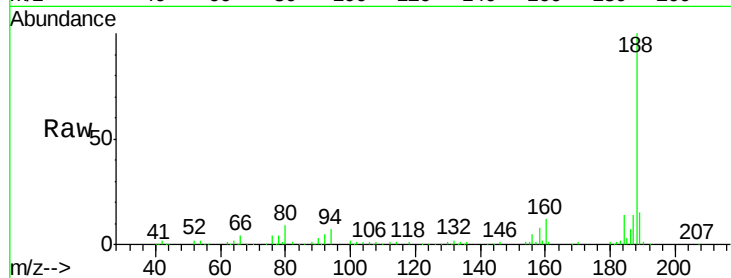




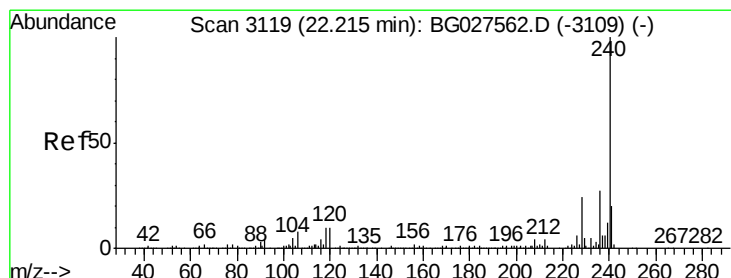
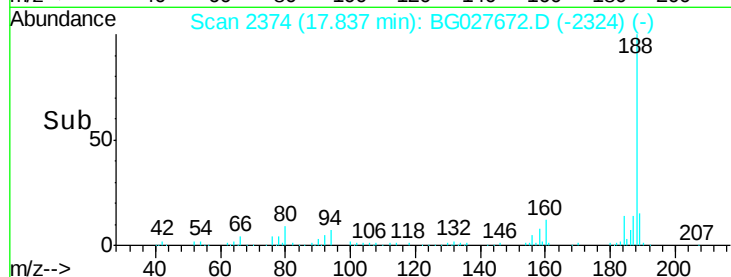
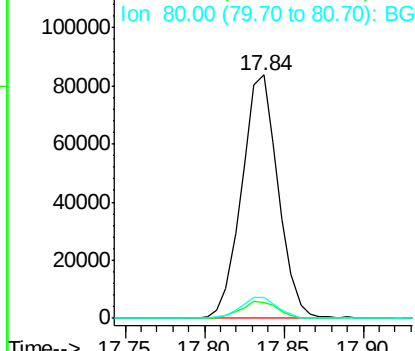
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027672.D
Acq: 24 Jun 2017 23:26

Instrument :
BNA_G
ClientSampleId :
HR-05-062217-A

Tgt Ion:188 Resp: 132783
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.8
80 8.6 7.5 11.3

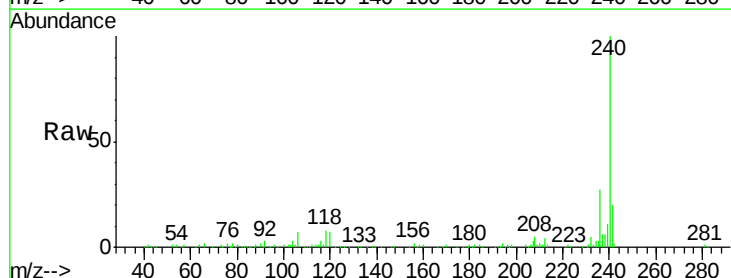


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

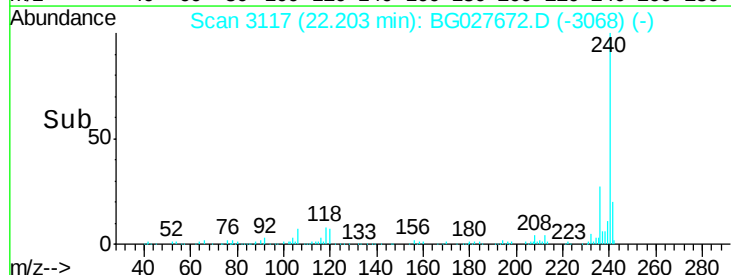
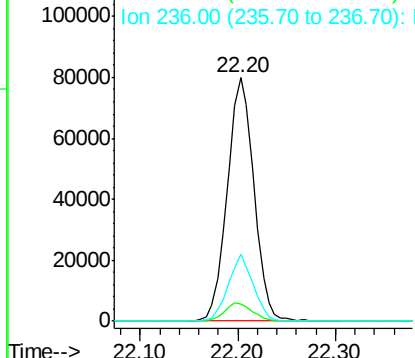


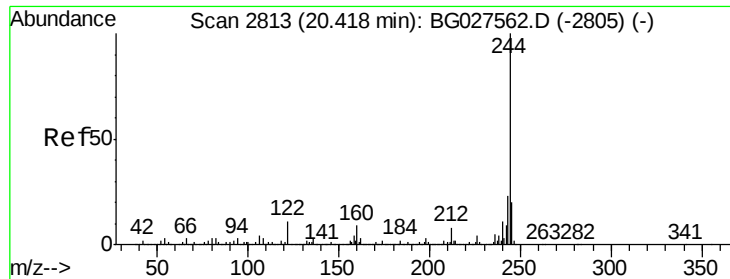
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027672.D
Acq: 24 Jun 2017 23:26

Tgt Ion:240 Resp: 151314
Ion Ratio Lower Upper
240 100
120 7.1 5.7 8.5
236 27.4 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: 118.094 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027672.D

Acq: 24 Jun 2017 23:26

Instrument :

BNA_G

ClientSampleId :

HR-05-062217-A

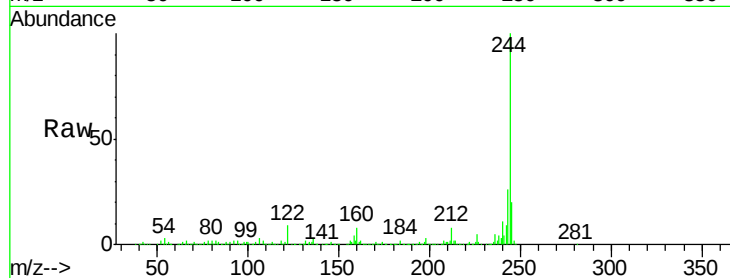
Tgt Ion:244 Resp: 758433

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

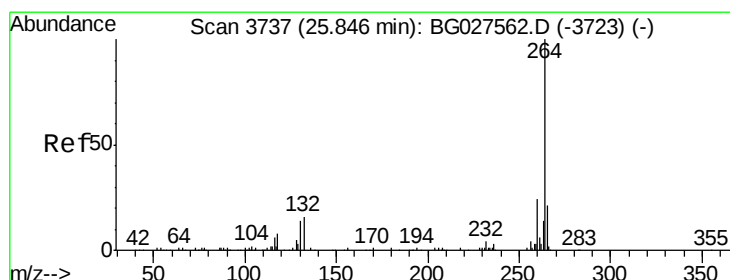
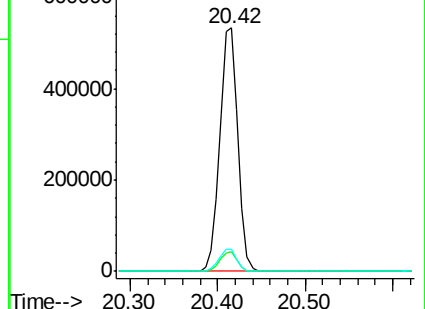
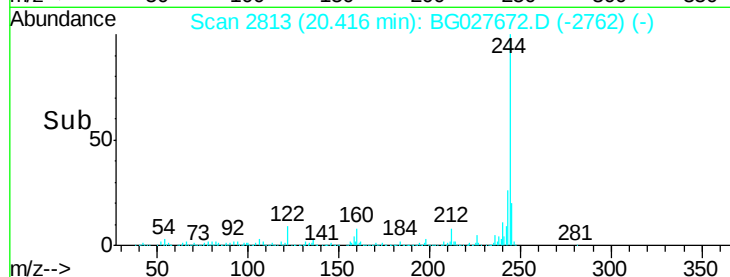
122 9.2 8.6 12.8



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: 25.84 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG027672.D

Acq: 24 Jun 2017 23:26

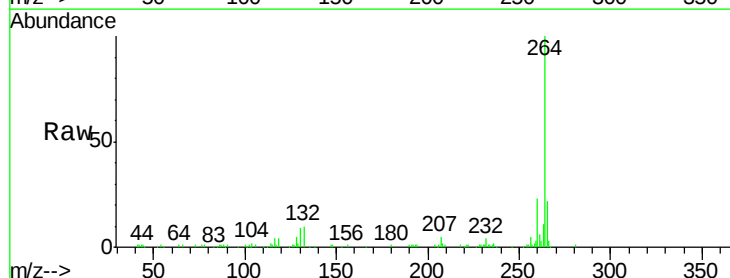
Tgt Ion:264 Resp: 149289

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 21.9 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

