

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062117\
 Data File : BG027569.D
 Acq On : 21 Jun 2017 20:47
 Operator : SJ/JU
 Sample : PB99877BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99877BL

Quant Time: Jun 22 03:06:45 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	23475	20.00	ng	0.00
21) Naphthalene-d8	11.33	136	102460	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	59579	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	178812	20.00	ng	0.00
75) Chrysene-d12	22.21	240	209435	20.00	ng	0.00
86) Perylene-d12	25.85	264	200480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	236411	143.33	ng	0.00
7) Phenol-d6	7.64	99	315232	129.10	ng	0.00
23) Nitrobenzene-d5	9.67	82	200072	92.40	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	135463	152.51	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	411833	94.42	ng	0.00
78) Terphenyl-d14	20.42	244	920461	103.55	ng	0.00

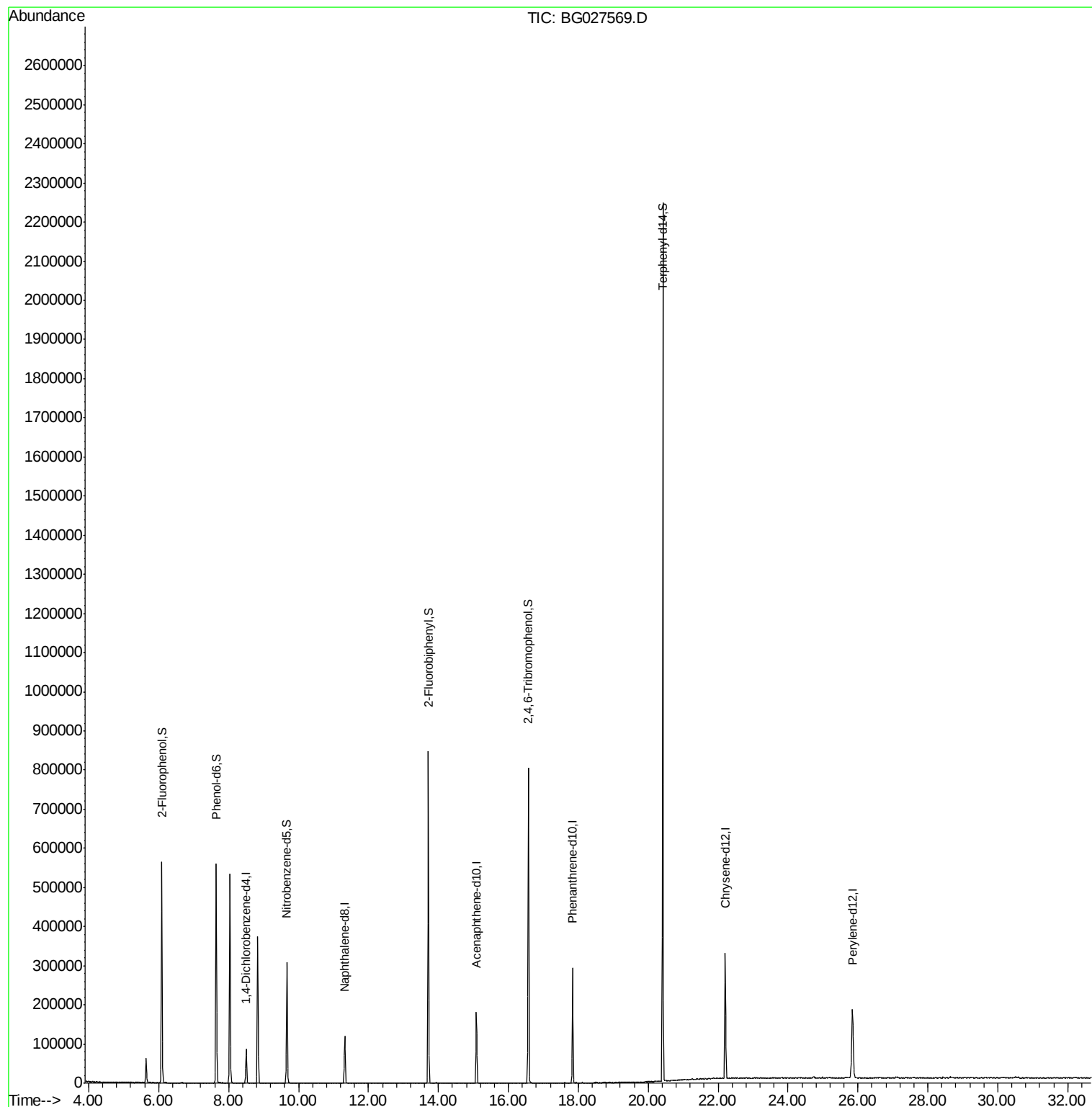
Target Compounds	Qvalue
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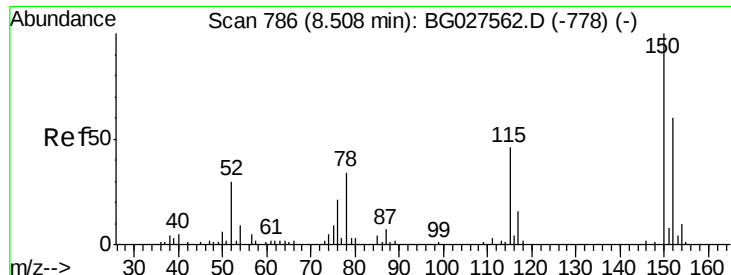
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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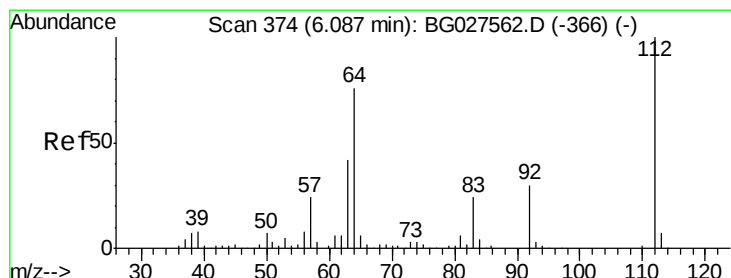
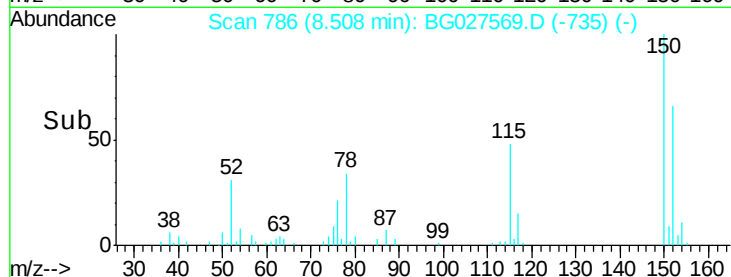
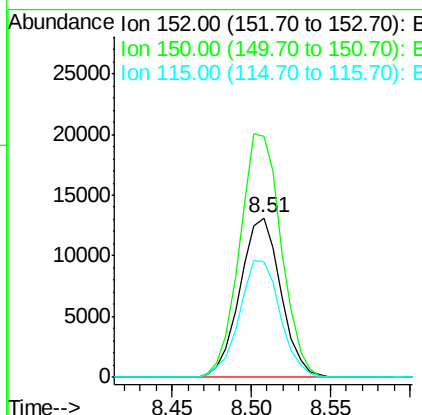
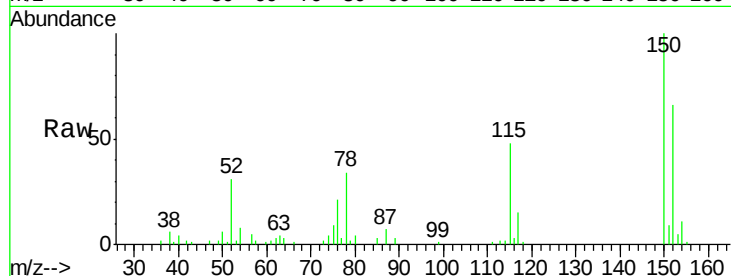


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Instrument :
BNA_G
ClientSampled :
PB99877BL

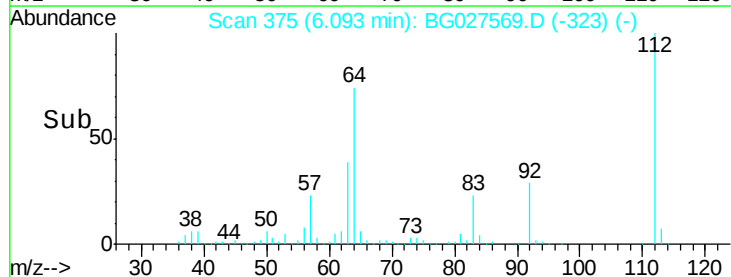
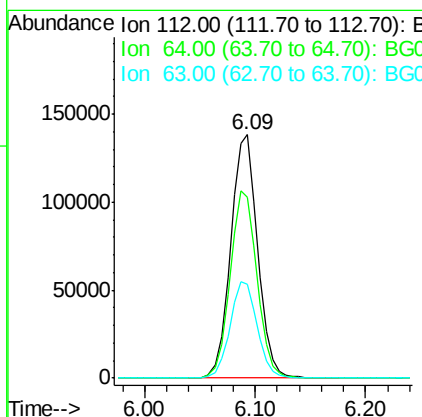
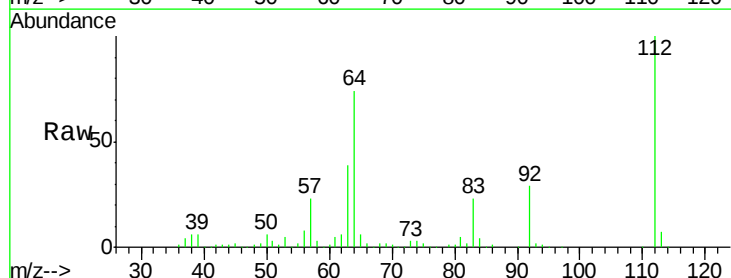
Tgt Ion:152 Resp: 23475
Ion Ratio Lower Upper
152 100
150 150.8 114.0 171.0
115 72.6 48.1 72.1#

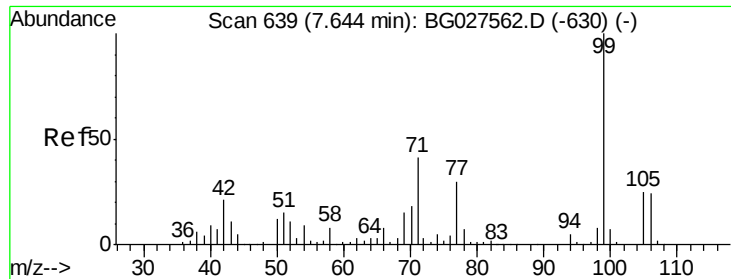


#5

2-Fluorophenol
Concen: 143.329 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.01 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion:112 Resp: 236411
Ion Ratio Lower Upper
112 100
64 74.1 61.8 92.6
63 38.7 37.2 55.8





#7

Phenol-d6

Concen: 129.097 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027569.D

Acq: 21 Jun 2017 20:47

Instrument :

BNA_G

ClientSampleId :

PB99877BL

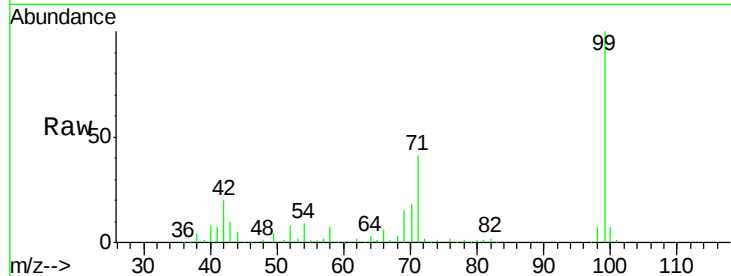
Tgt Ion: 99 Resp: 315232

Ion Ratio Lower Upper

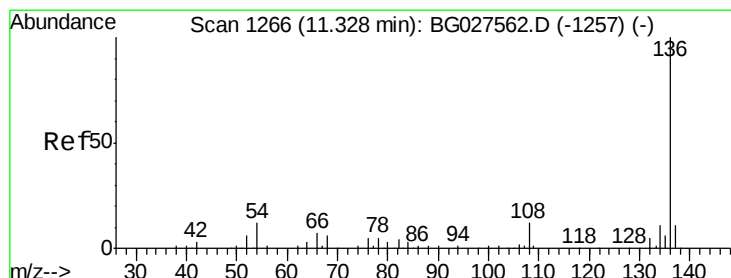
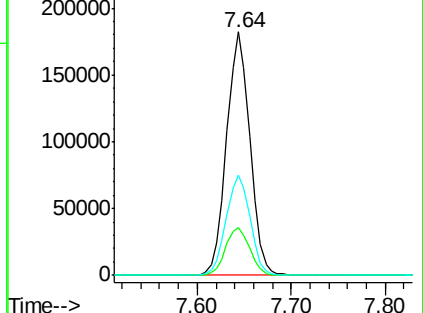
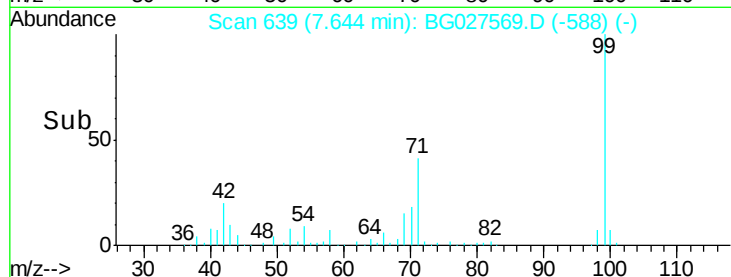
99 100

42 19.8 20.5 30.7#

71 41.4 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: 11.33 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BG027569.D

Acq: 21 Jun 2017 20:47

Tgt Ion: 136 Resp: 102460

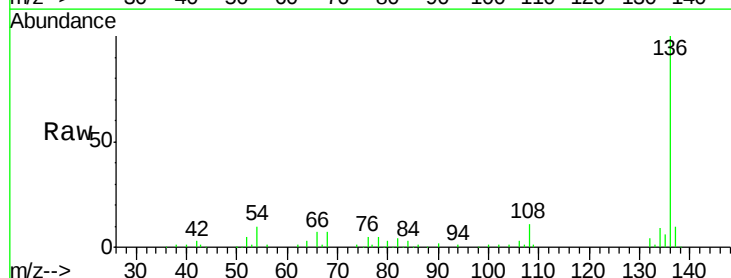
Ion Ratio Lower Upper

136 100

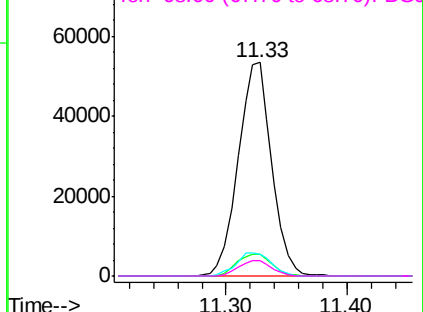
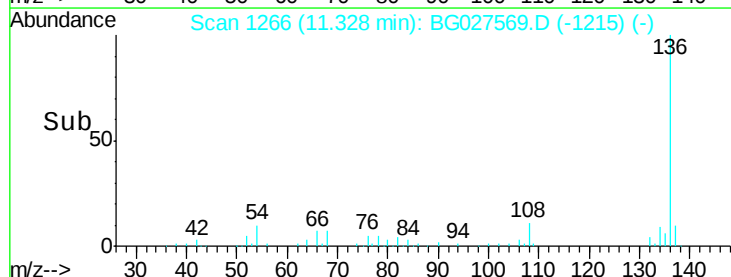
137 10.3 8.9 13.3

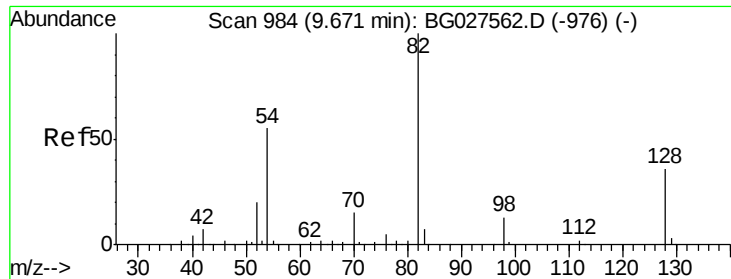
54 10.2 9.3 13.9

68 7.2 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

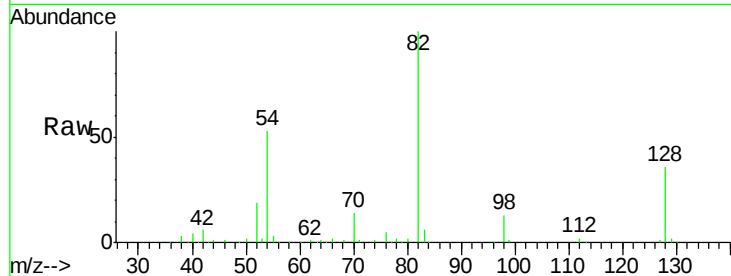




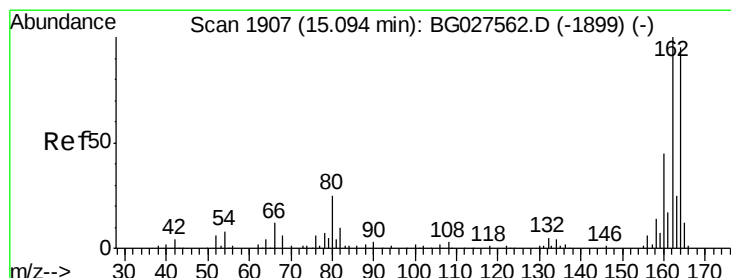
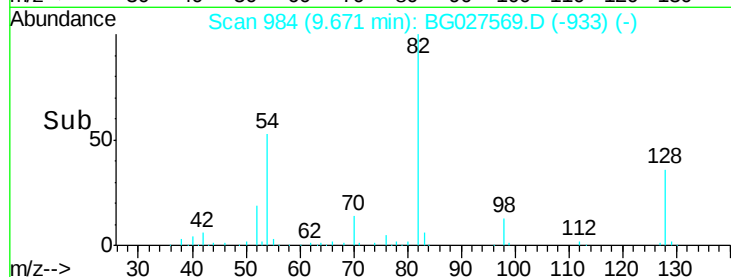
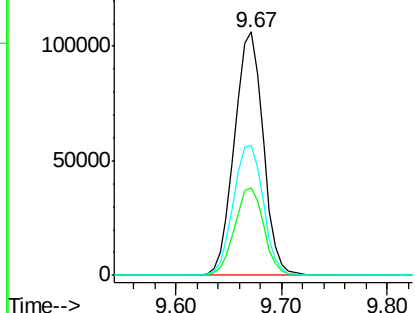
#23
 Nitrobenzene-d5
 Concen: 92.398 ng
 RT: 9.67 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BG027569.D
 Acq: 21 Jun 2017 20:47

Instrument :
 BNA_G
 ClientSampled :
 PB99877BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	26.4	39.6
54	53.3	49.4	74.2

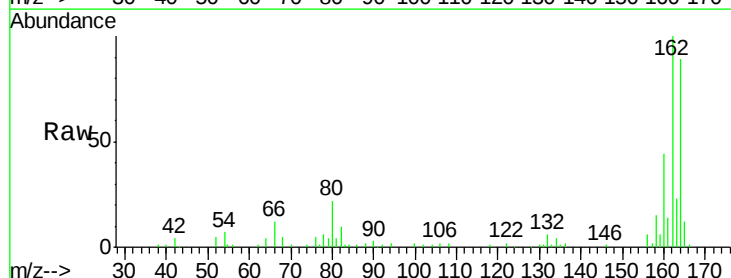


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

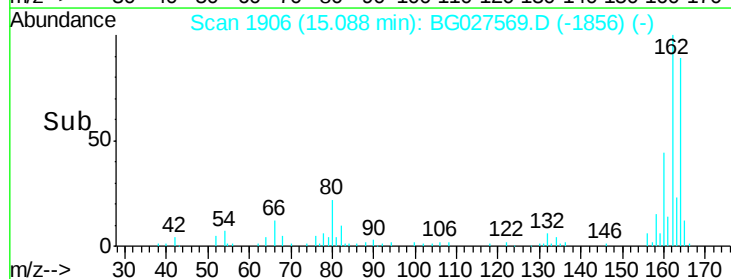
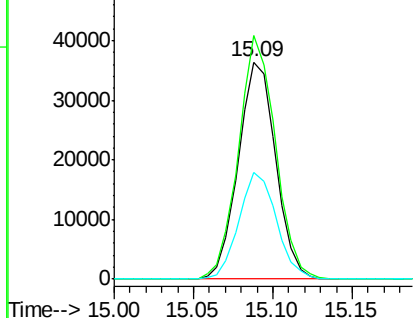


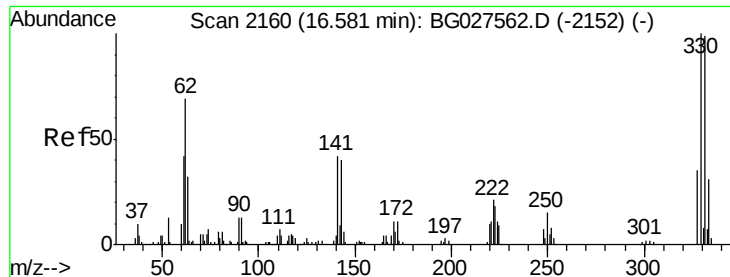
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027569.D
 Acq: 21 Jun 2017 20:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	112.2	85.1	127.7
160	49.2	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

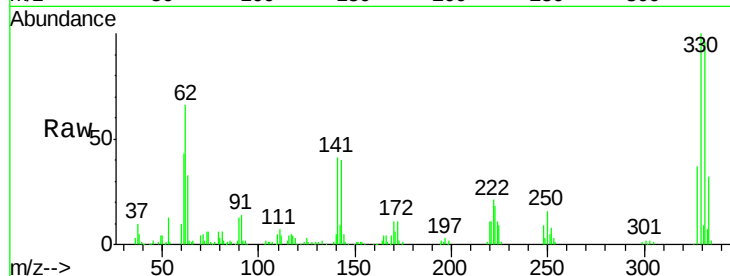




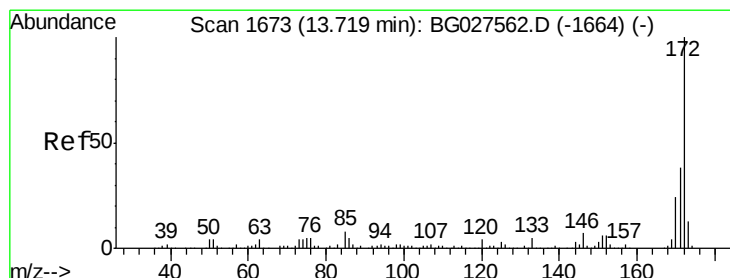
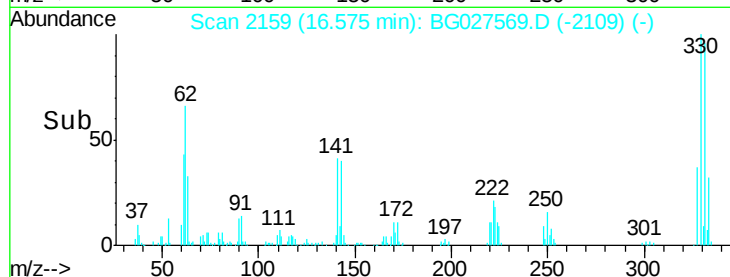
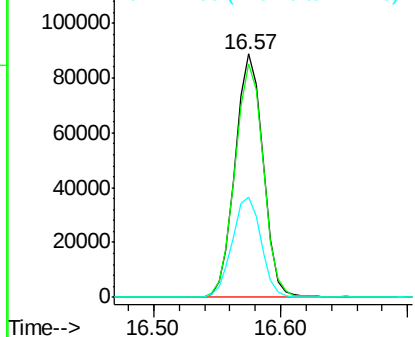
#41
 2,4,6-Tribromophenol
 Concen: 152.509 ng
 RT: 16.57 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027569.D
 Acq: 21 Jun 2017 20:47

Instrument :
 BNA_G
 ClientSampleId :
 PB99877BL

Tgt Ion:330 Resp: 135463
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.3 115.9
 141 42.5 32.1 48.1

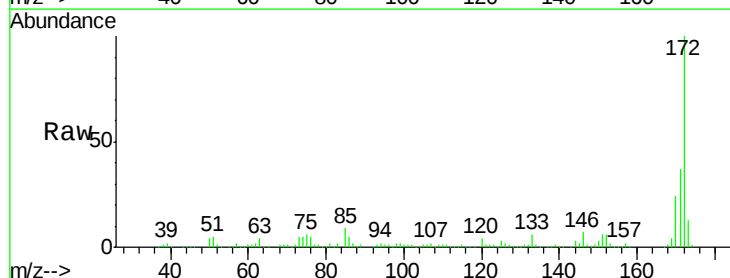


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

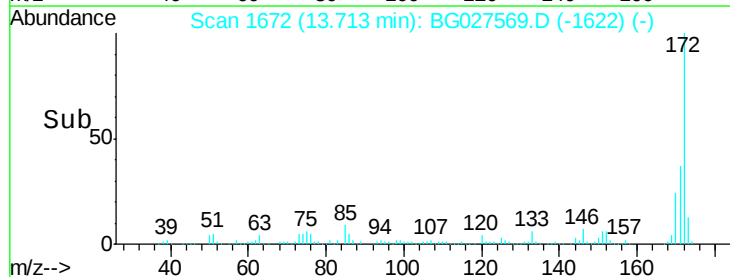
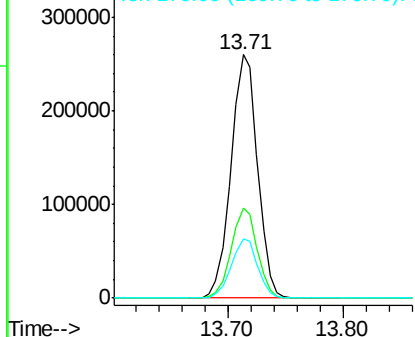


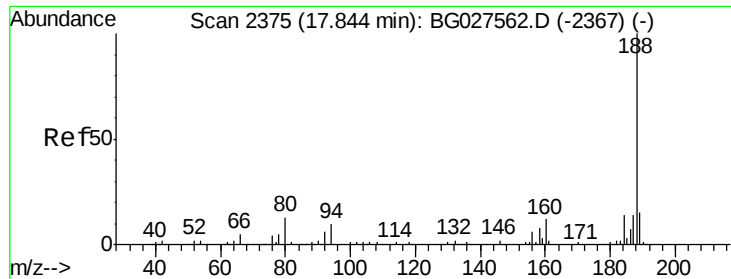
#44
 2-Fluorobiphenyl
 Concen: 94.423 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027569.D
 Acq: 21 Jun 2017 20:47

Tgt Ion:172 Resp: 411833
 Ion Ratio Lower Upper
 172 100
 171 36.9 32.2 48.2
 170 24.2 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

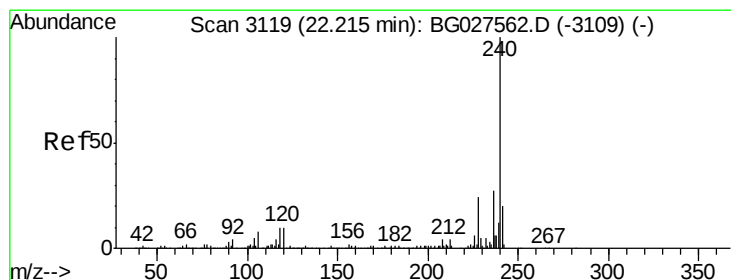
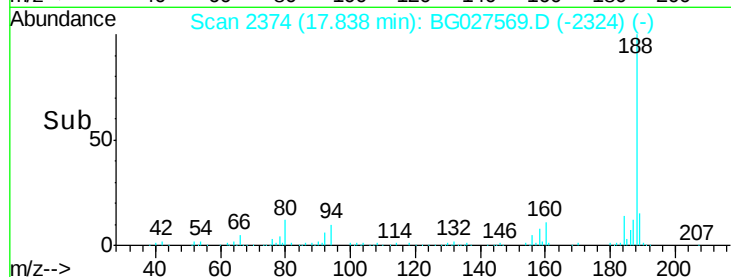
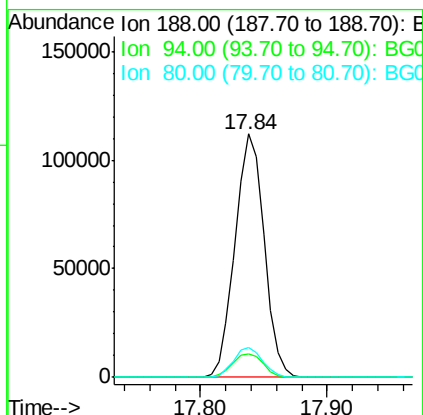
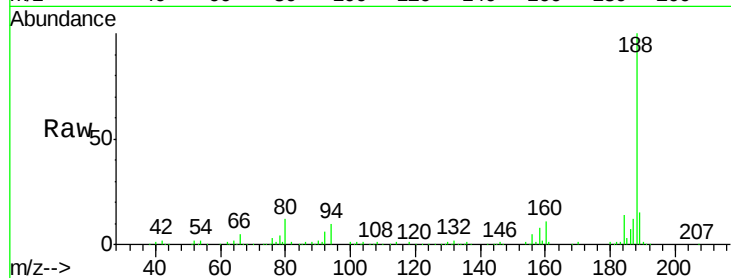




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

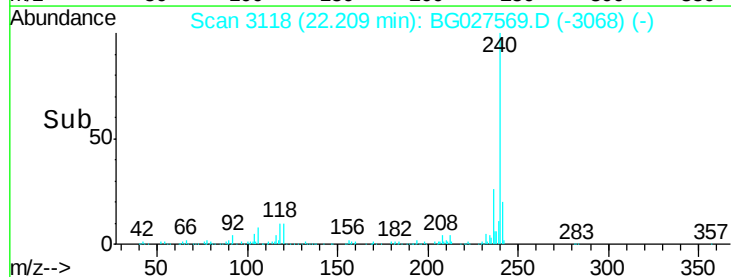
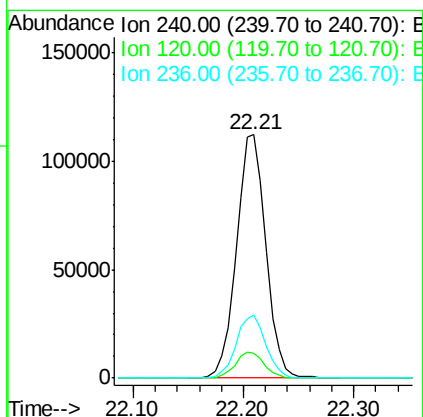
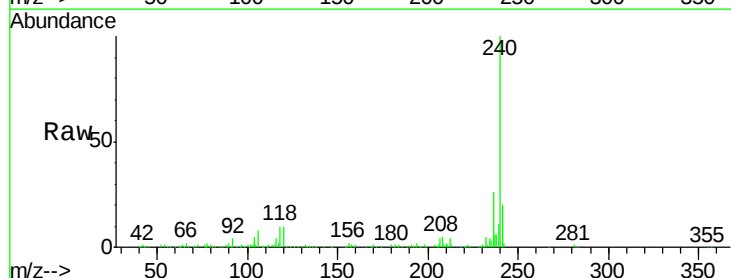
Instrument :
BNA_G
ClientSampleId :
PB99877BL

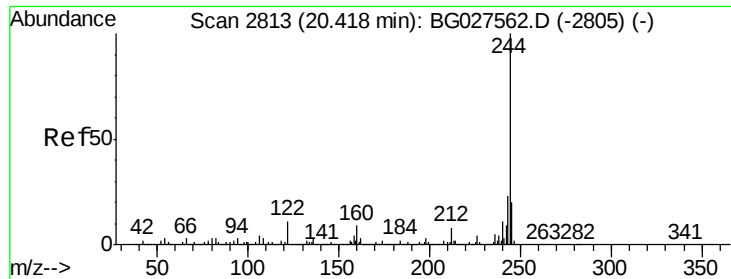
Tgt Ion:188 Resp: 178812
Ion Ratio Lower Upper
188 100
94 9.5 5.8 8.8#
80 12.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.21 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG027569.D
Acq: 21 Jun 2017 20:47

Tgt Ion:240 Resp: 209435
Ion Ratio Lower Upper
240 100
120 10.1 5.7 8.5#
236 26.0 22.2 33.4

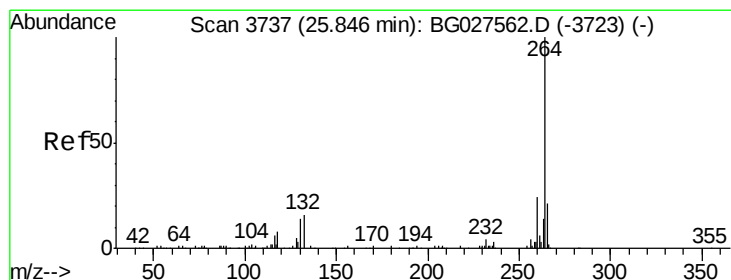
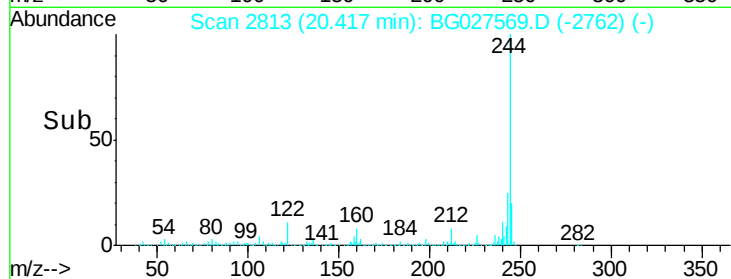
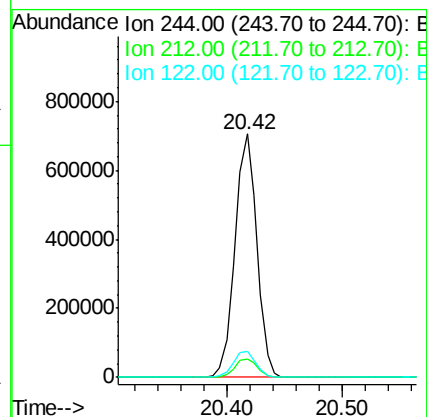
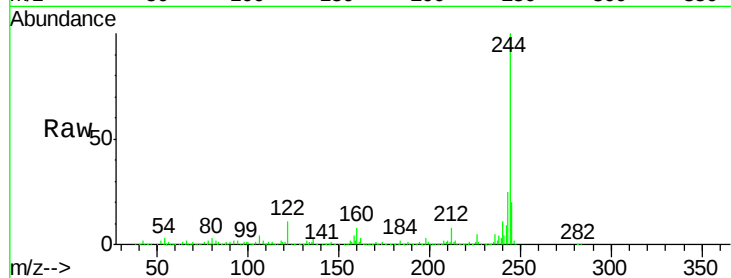




#78
 Terphenyl-d14
 Concen: 103.549 ng
 RT: 20.42 min Scan# 2813
 Delta R.T. -0.00 min
 Lab File: BG027569.D
 Acq: 21 Jun 2017 20:47

Instrument :
 BNA_G
 ClientSampleId :
 PB99877BL

Tgt Ion:244 Resp: 920461
 Ion Ratio Lower Upper
 244 100
 212 7.8 10.0 15.0#
 122 10.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.85 min Scan# 3737
 Delta R.T. -0.00 min
 Lab File: BG027569.D
 Acq: 21 Jun 2017 20:47

Tgt Ion:264 Resp: 200480
 Ion Ratio Lower Upper
 264 100
 260 23.4 21.8 32.8
 265 20.6 18.2 27.4

