

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035971.D
 Acq On : 30 Jul 2018 11:48
 Operator : JU/SJ
 Sample : PB111535TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111535TB

Quant Time: Jul 30 13:06:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37164	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	133740	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	102779	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	291072	20.00	ng	0.00
75) Chrysene-d12	21.65	240	323546	20.00	ng	0.00
86) Perylene-d12	24.85	264	303647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	280406	125.27	ng	0.00
7) Phenol-d6	7.19	99	409912	122.74	ng	0.00
23) Nitrobenzene-d5	9.19	82	262864	82.11	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	171573	126.65	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	648442	84.53	ng	0.00
78) Terphenyl-d14	20.00	244	1328258	90.49	ng	0.00

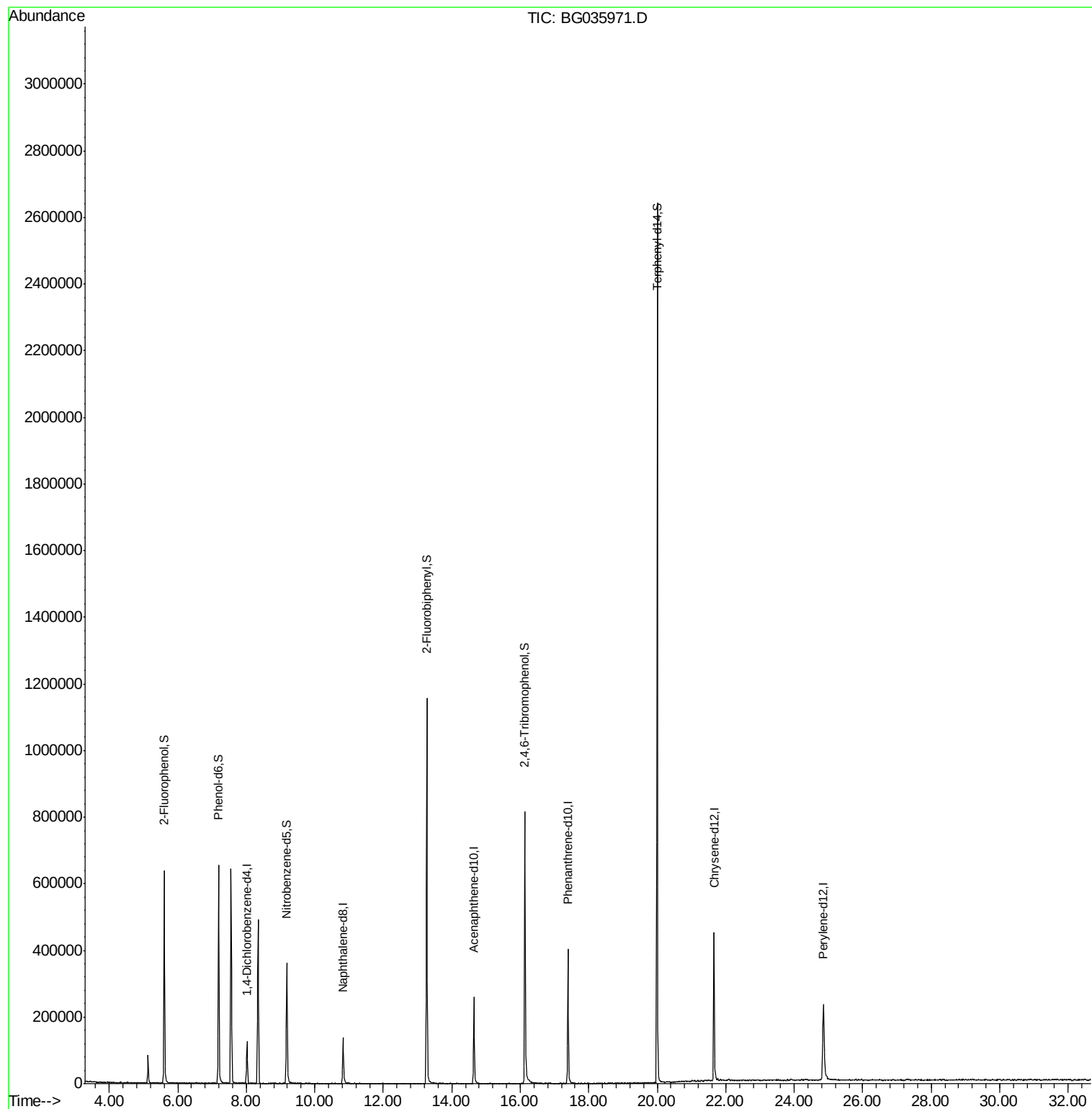
Target Compounds Qvalue

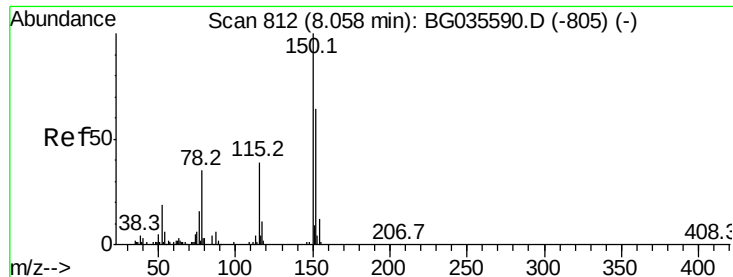
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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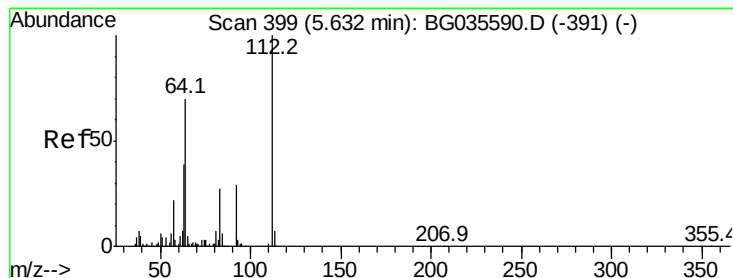
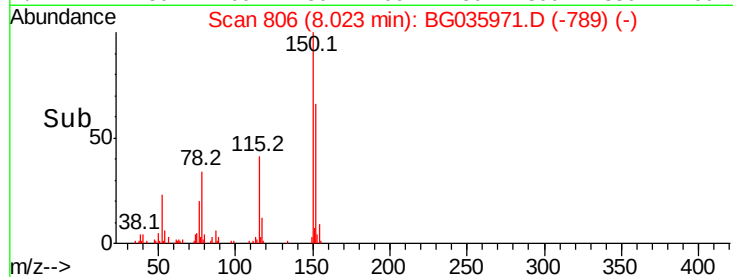
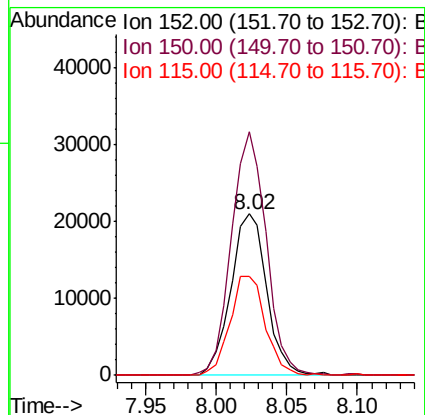
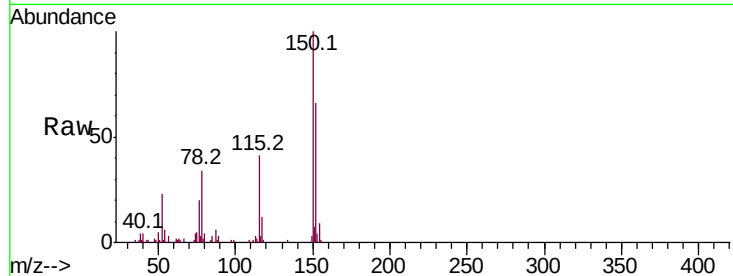


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG035971.D
 Acq: 30 Jul 2018 11:48

Instrument :
 BNA_G
 ClientSampleId :
 PB111535TB

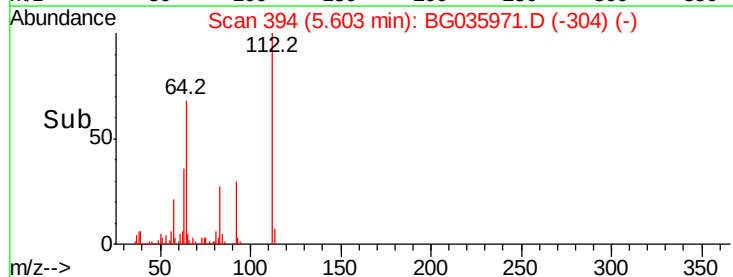
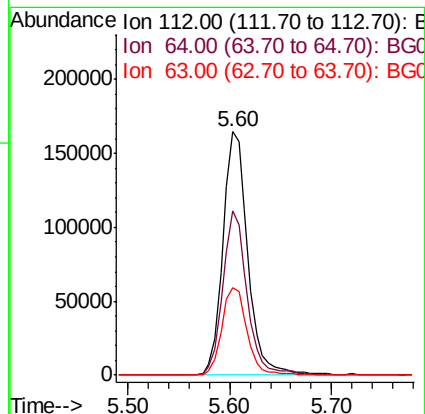
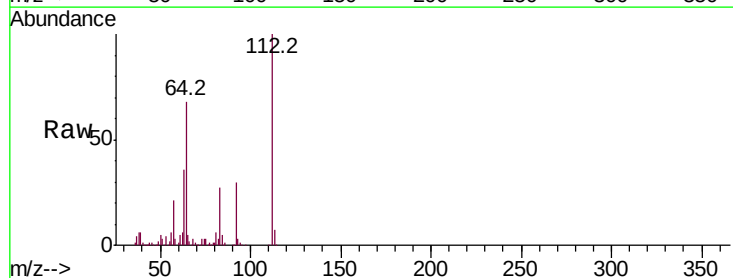
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	126.6	189.8
115	61.6	53.0	79.4

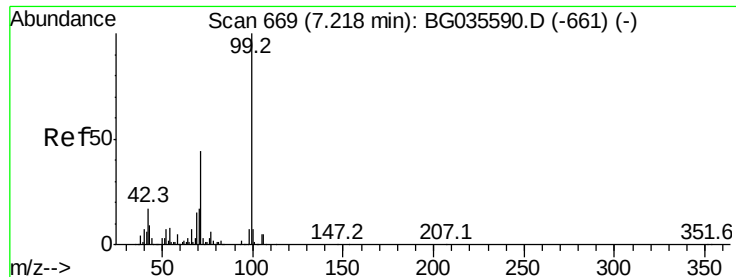


#5

2-Fluorophenol
 Concen: 125.266 ng
 RT: 5.60 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: BG035971.D
 Acq: 30 Jul 2018 11:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	56.3	84.5
63	35.8	30.1	45.1





#7

Phenol-d6

Concen: 122.736 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035971.D

Acq: 30 Jul 2018 11:48

Instrument :

BNA_G

ClientSampleId :

PB111535TB

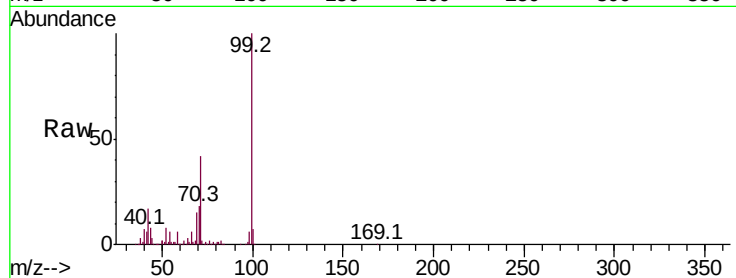
Tot Ion: 99 Resp: 409912

Ion Ratio Lower Upper

99 100

42 16.6 14.1 21.1

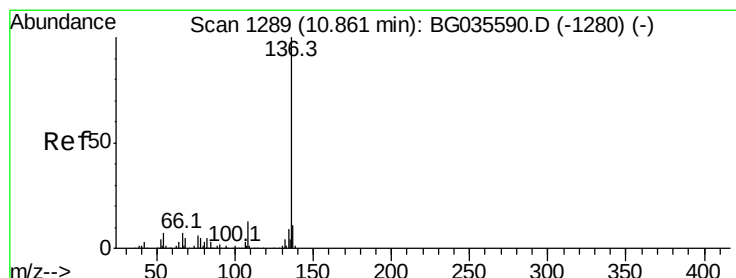
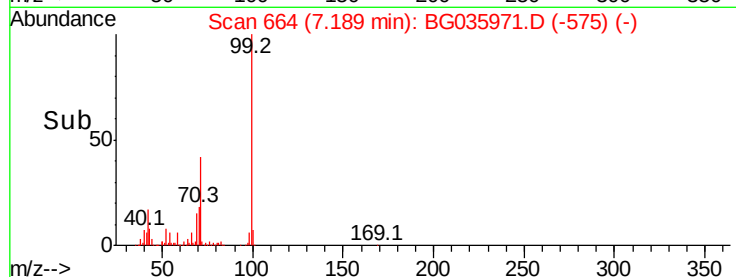
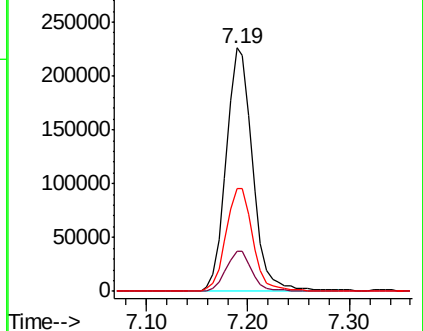
71 42.2 26.1 39.1#



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: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG035971.D

Acq: 30 Jul 2018 11:48

Tgt Ion: 136 Resp: 133740

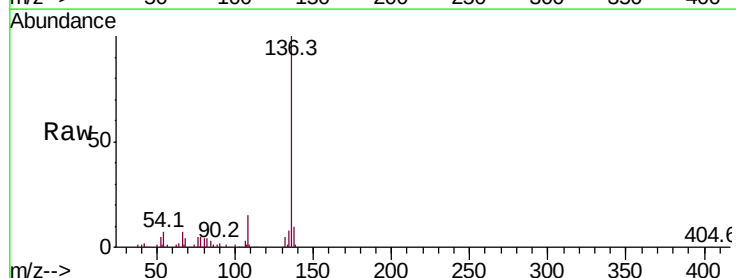
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 7.3 10.3 15.5#

68 4.4 4.5 6.7#

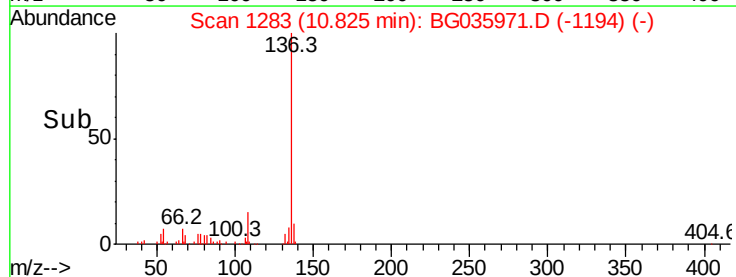
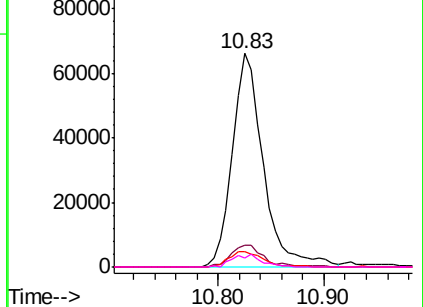


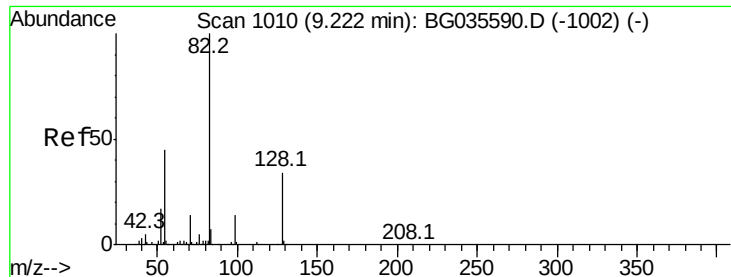
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

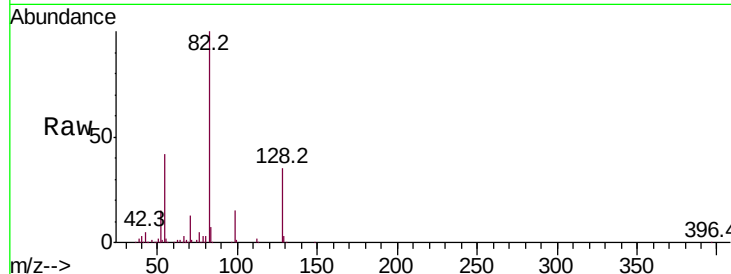




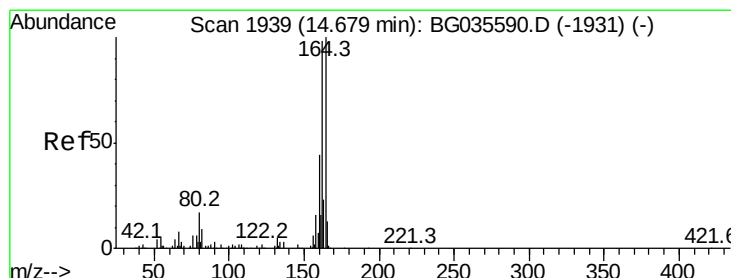
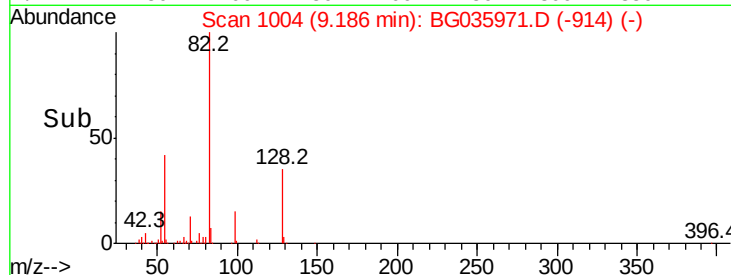
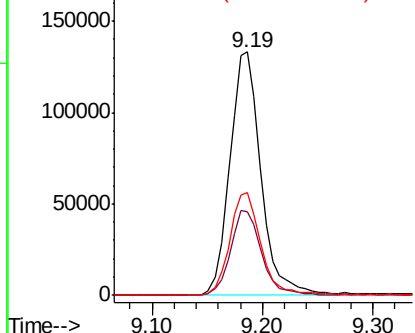
#23
Nitrobenzene-d5
Concen: 82.108 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Instrument :
BNA_G
ClientSampleId :
PB111535TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.7	44.5
54	42.4	43.1	64.7#

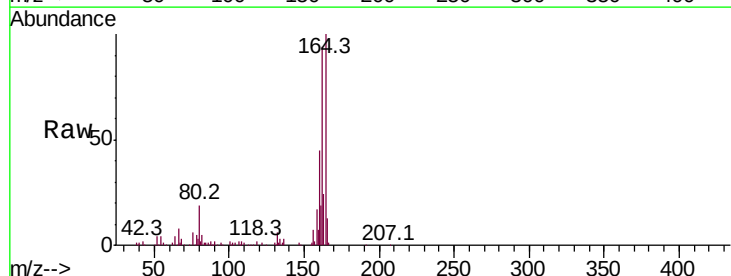


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

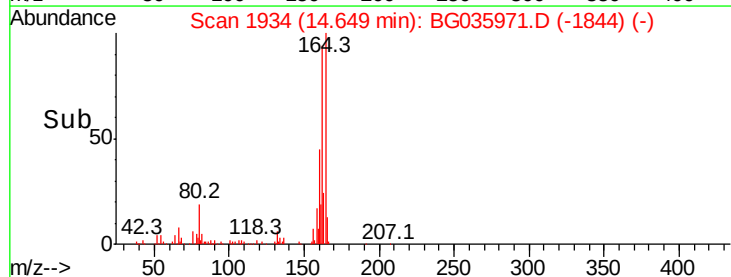
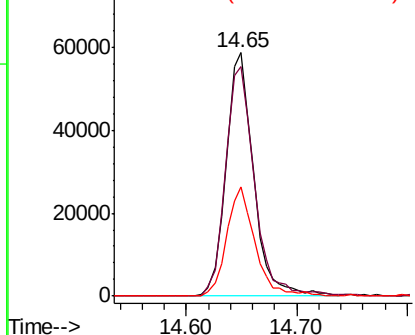


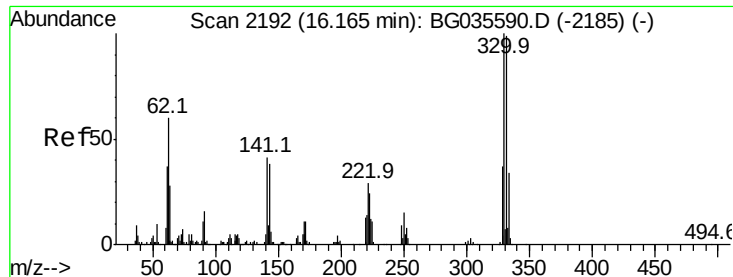
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.2	78.8	118.2
160	44.7	35.4	53.0



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

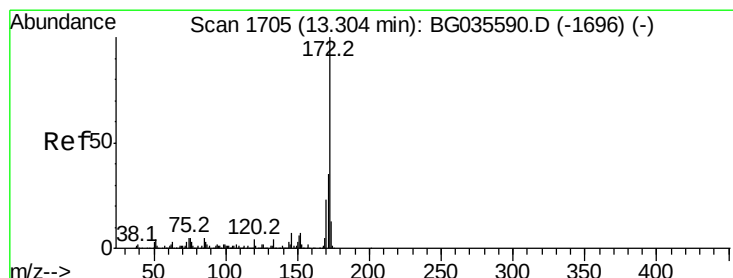
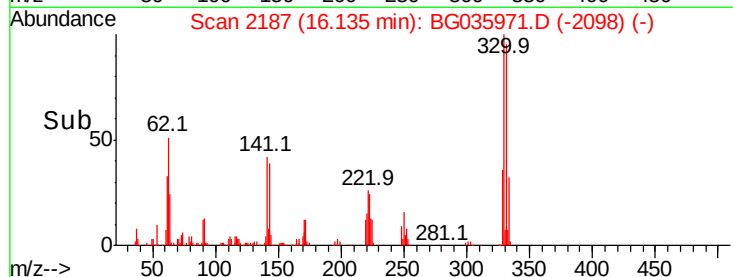
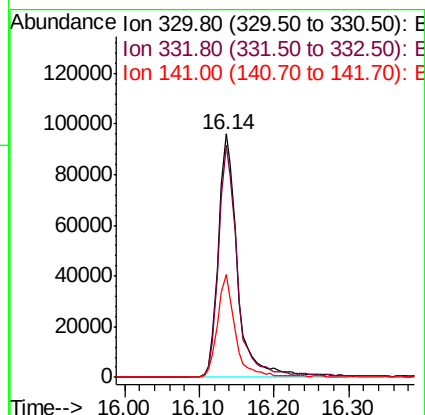
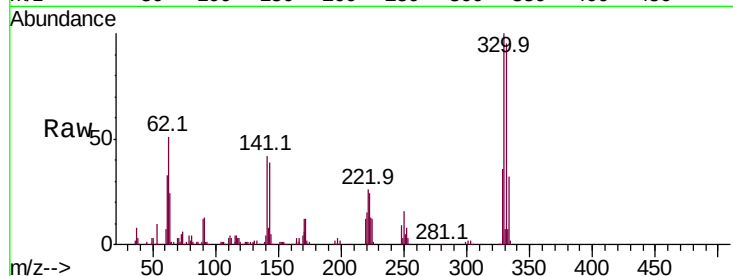




#41
 2,4,6-Tribromophenol
 Concen: 126.651 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035971.D
 Acq: 30 Jul 2018 11:48

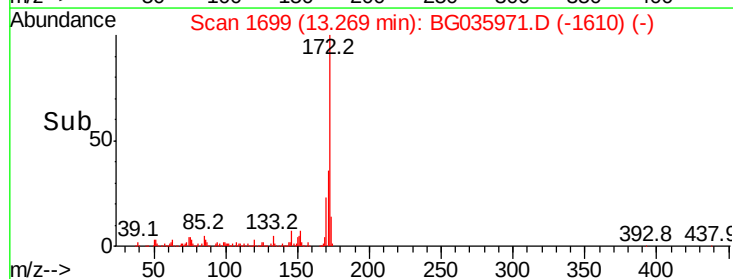
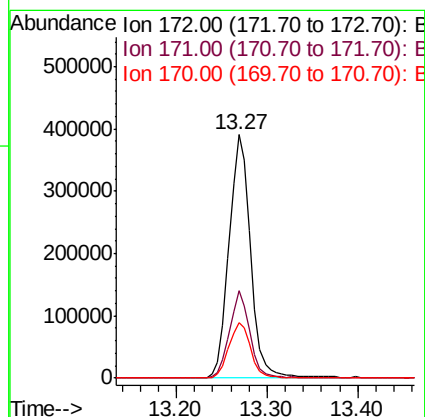
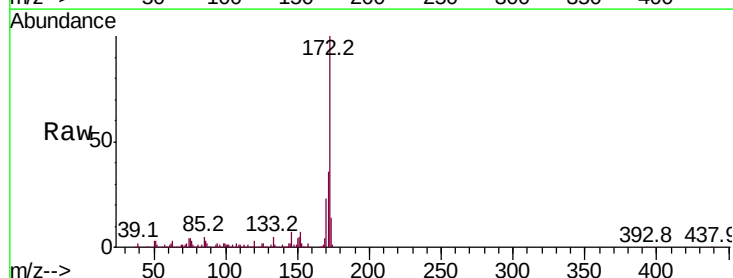
Instrument :
 BNA_G
 ClientSampleId :
 PB111535TB

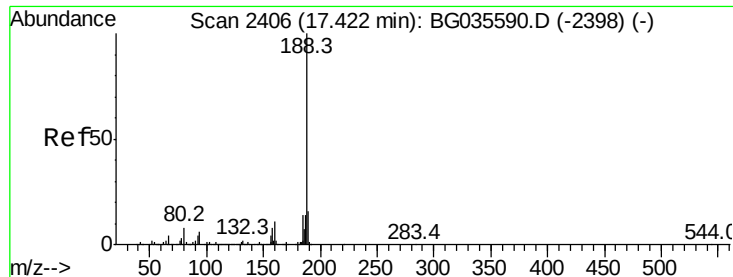
Tot Ion:330 Resp: 171573
 Ion Ratio Lower Upper
 330 100
 332 92.0 77.0 115.6
 141 38.6 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 84.525 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035971.D
 Acq: 30 Jul 2018 11:48

Tgt Ion:172 Resp: 648442
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.0 45.0
 170 23.0 19.5 29.3

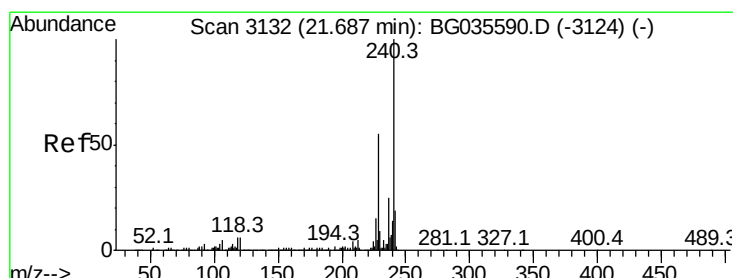
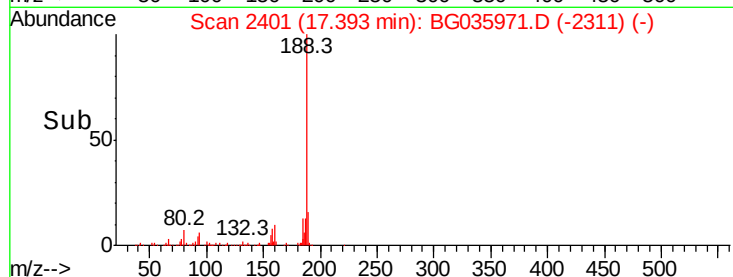
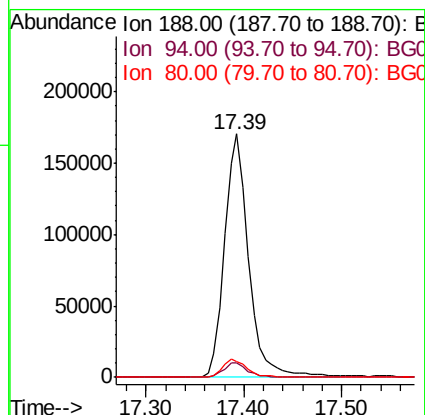
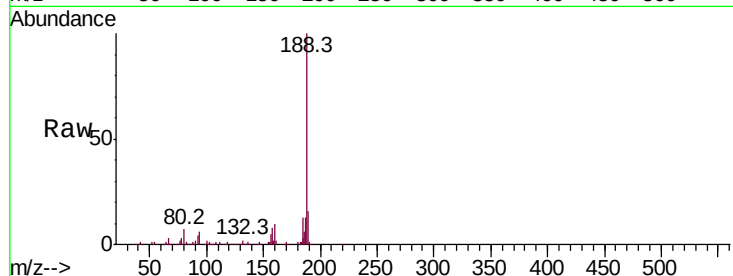




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

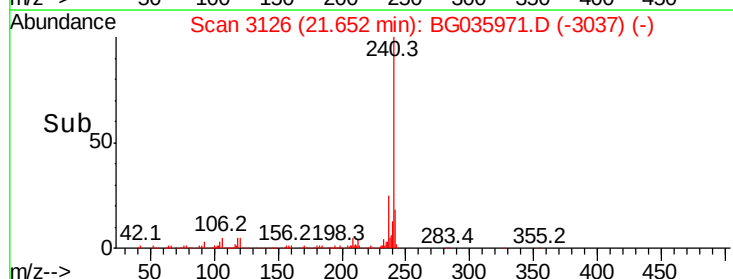
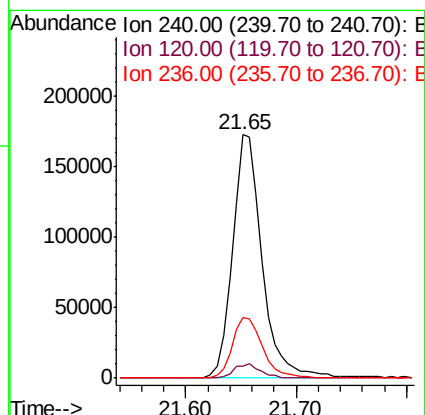
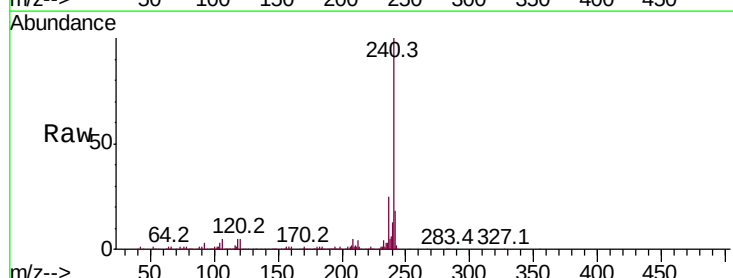
Instrument :
BNA_G
ClientSampleId :
PB111535TB

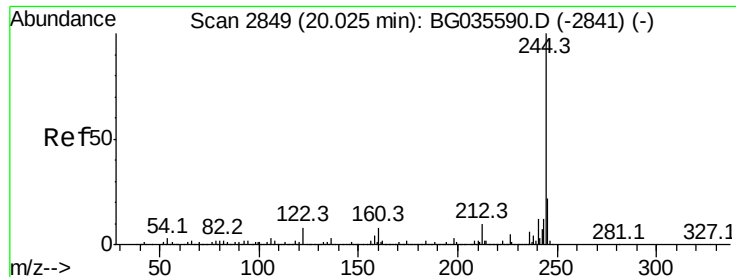
Tot Ion:188 Resp: 291072
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG035971.D
Acq: 30 Jul 2018 11:48

Tgt Ion:240 Resp: 323546
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 24.6 20.9 31.3





#78

Terphenyl-d14

Concen: 90.493 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035971.D

Acq: 30 Jul 2018 11:48

Instrument :

BNA_G

ClientSampleId :

PB111535TB

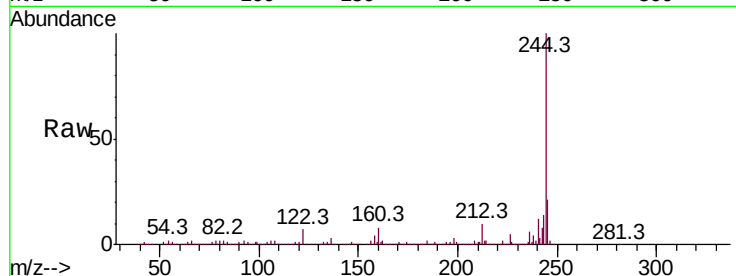
Tot Ion:244 Resp: 1328258

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

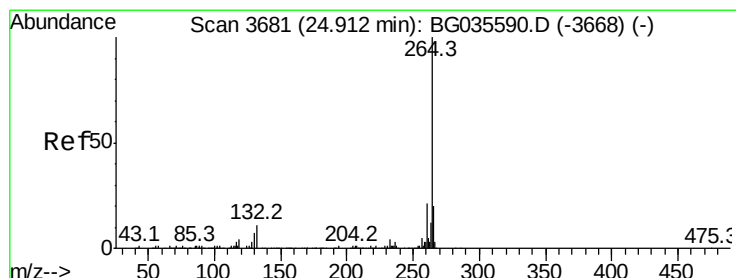
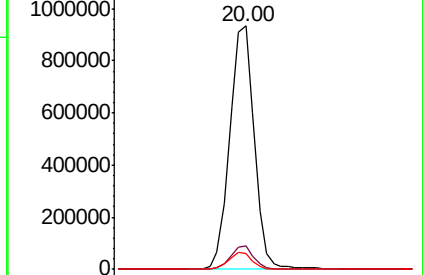
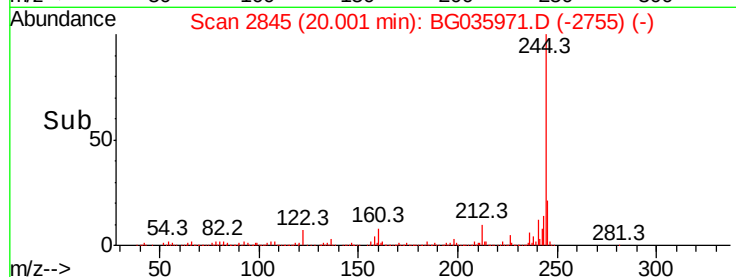
122 6.5 7.0 10.4#



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: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG035971.D

Acq: 30 Jul 2018 11:48

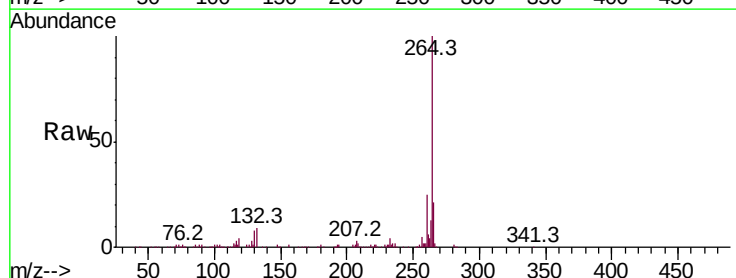
Tgt Ion:264 Resp: 303647

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 21.3 17.7 26.5



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

