

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
 Data File : BG035781.D
 Acq On : 20 Jul 2018 12:21
 Operator : JU/SJ
 Sample : PB111272TB
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111272TB

Quant Time: Jul 20 12:59:39 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 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	36162	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	129379	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	85809	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	247795	20.00	ng	0.00
75) Chrysene-d12	21.66	240	296058	20.00	ng	-0.02
86) Perylene-d12	24.86	264	266267	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	264906	121.62	ng	0.00
7) Phenol-d6	7.20	99	371800	114.41	ng	0.00
23) Nitrobenzene-d5	9.19	82	233998	75.55	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	138264	122.25	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	540574	84.40	ng	0.00
78) Terphenyl-d14	20.00	244	1121588	83.51	ng	0.00

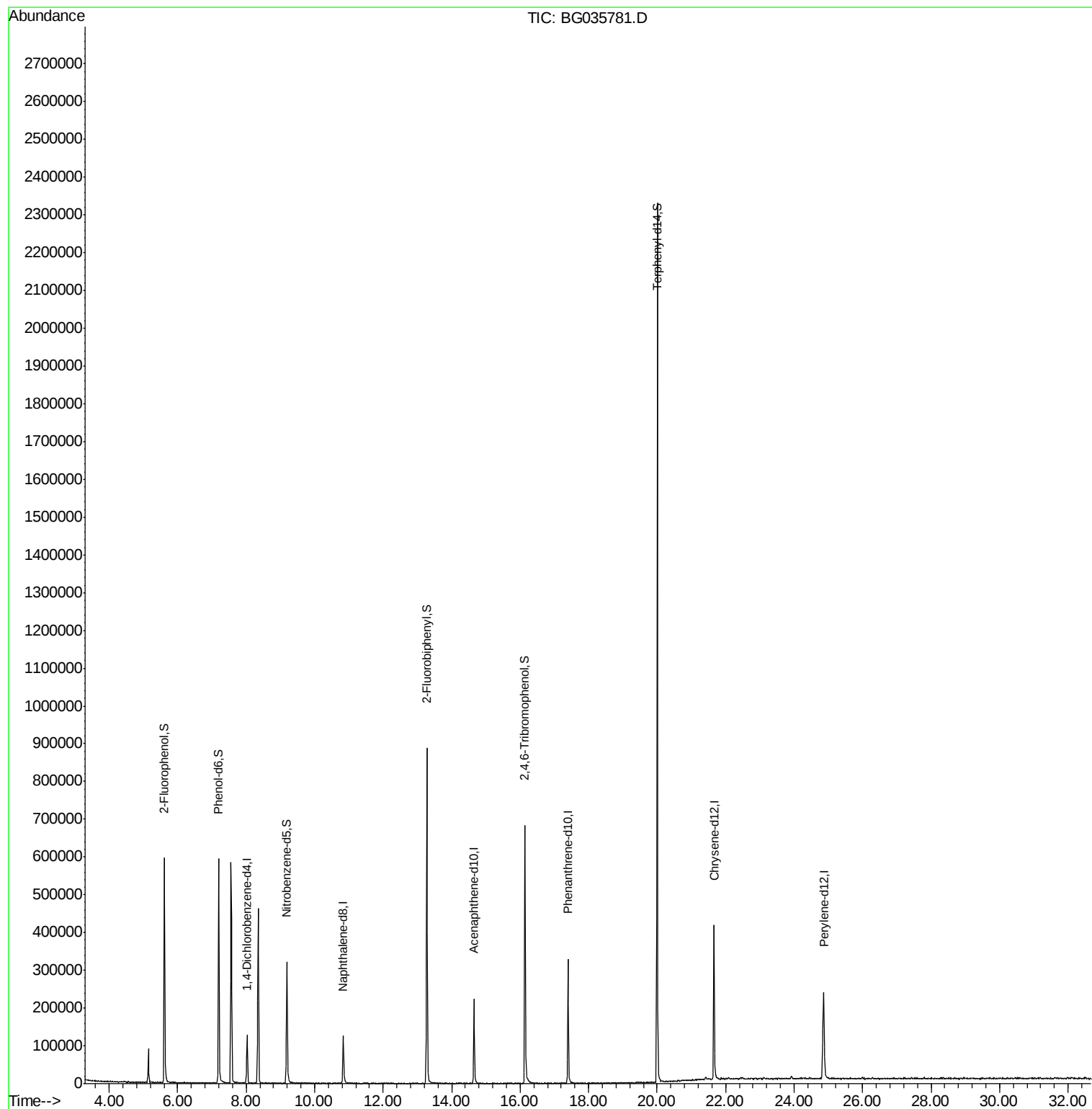
Target Compounds Qvalue

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

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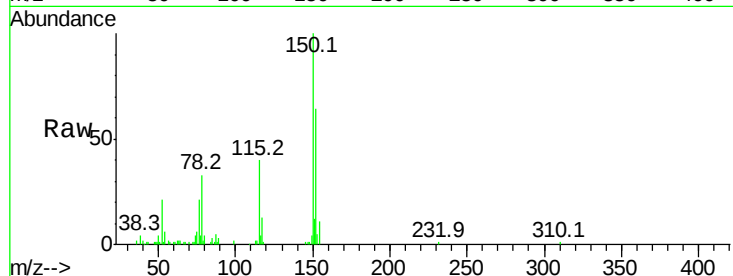


#1

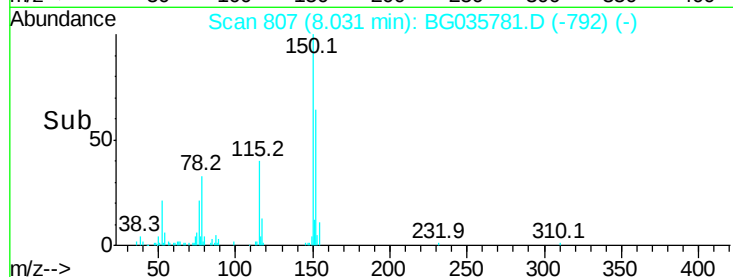
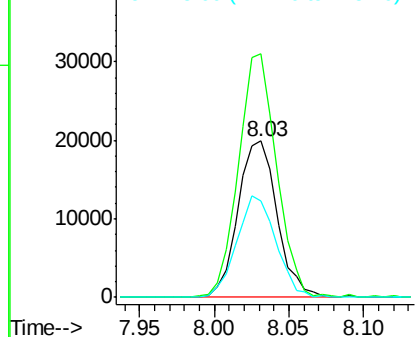
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035781.D
Acq: 20 Jul 2018 12:21

Instrument :
BNA_G
ClientSampleId :
PB111272TB

Tot Ion:152 Resp: 36162
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 61.7 53.0 79.4



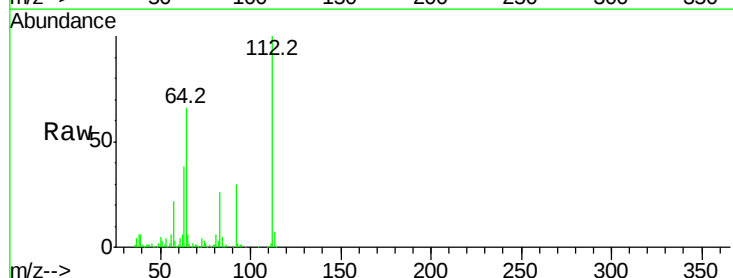
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



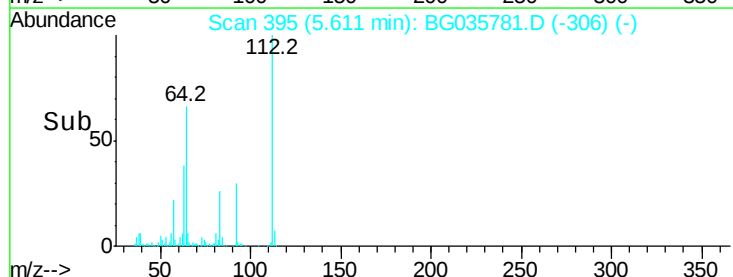
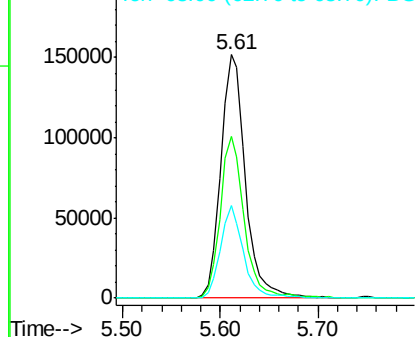
#5

2-Fluorophenol
Concen: 121.621 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG035781.D
Acq: 20 Jul 2018 12:21

Tgt Ion:112 Resp: 264906
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 38.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 114.409 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035781.D

Acq: 20 Jul 2018 12:21

Instrument :

BNA_G

ClientSampleId :

PB111272TB

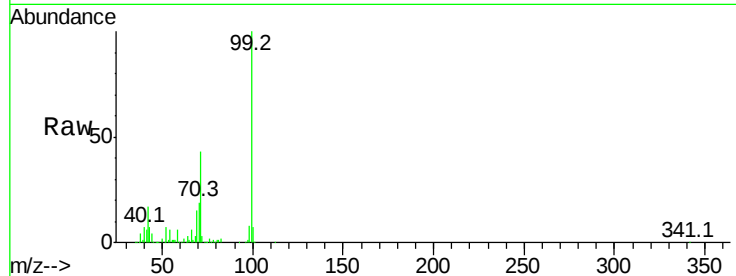
Tot Ion: 99 Resp: 371800

Ion Ratio Lower Upper

99 100

42 16.6 14.1 21.1

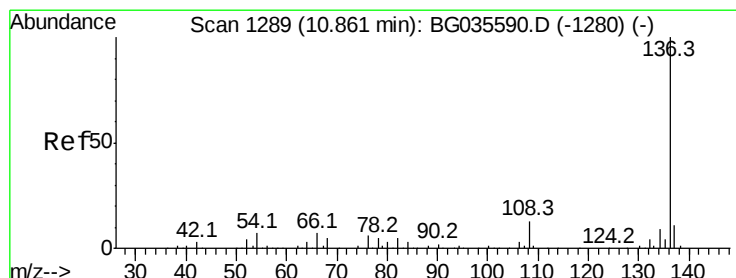
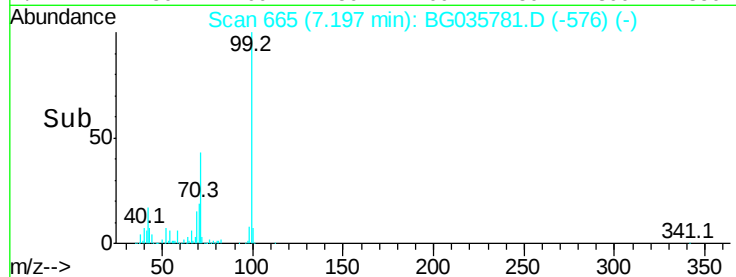
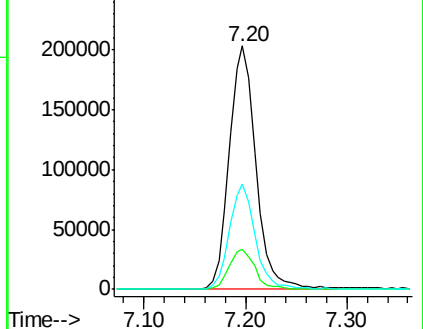
71 43.3 26.1 39.1#



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# 1284

Delta R.T. -0.01 min

Lab File: BG035781.D

Acq: 20 Jul 2018 12:21

Tgt Ion: 136 Resp: 129379

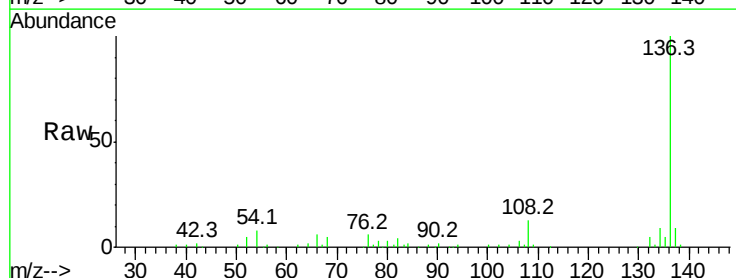
Ion Ratio Lower Upper

136 100

137 9.2 9.2 13.8

54 7.6 10.3 15.5#

68 5.3 4.5 6.7

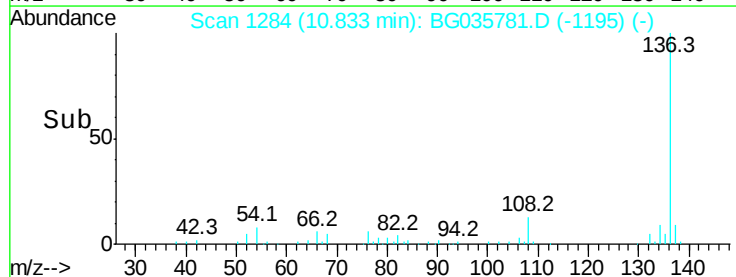
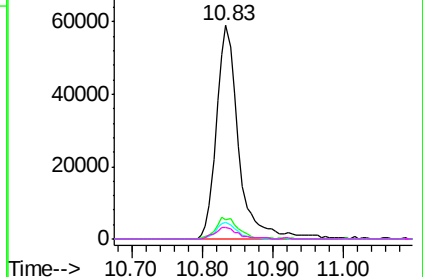


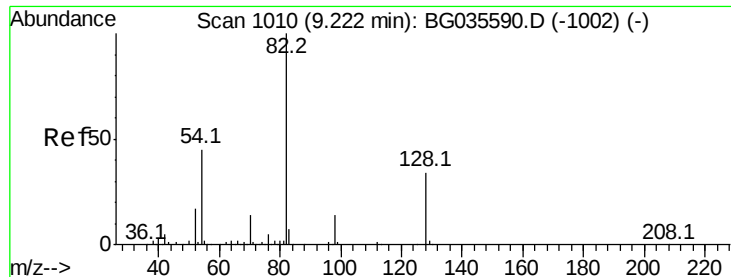
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

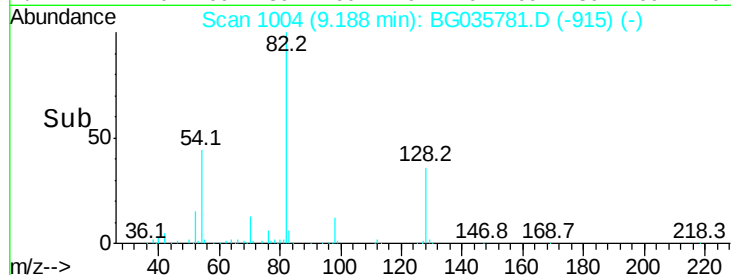
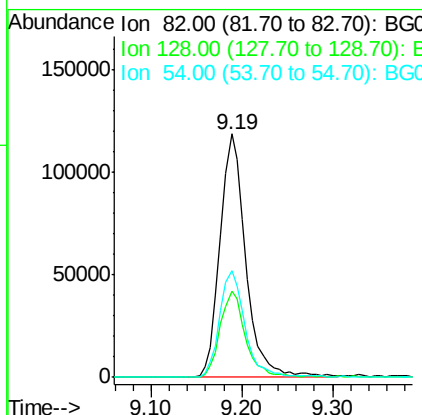
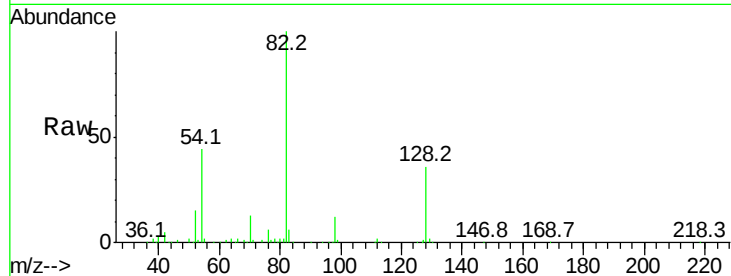




#23
 Nitrobenzene-d5
 Concen: 75.555 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG035781.D
 Acq: 20 Jul 2018 12:21

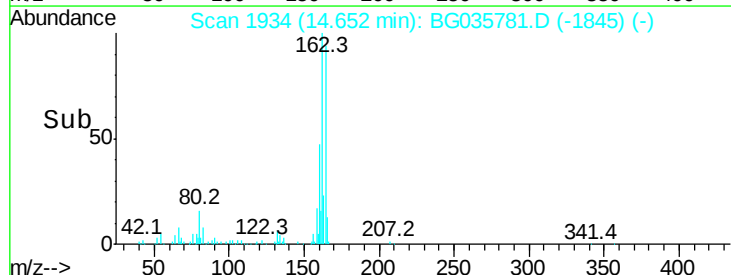
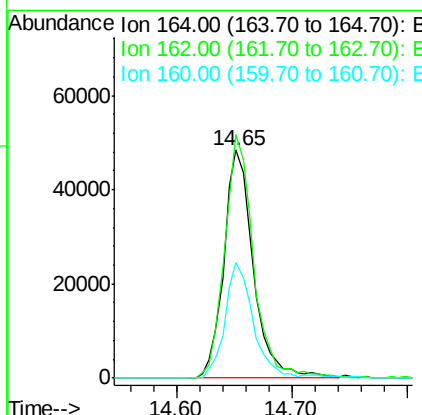
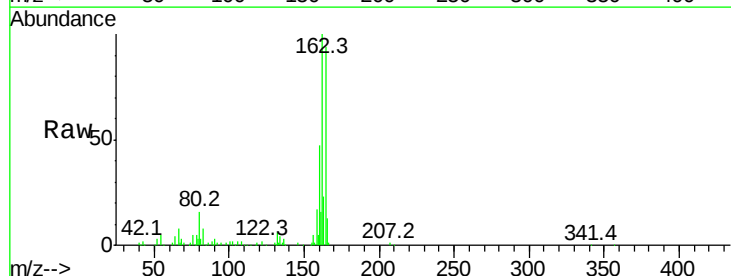
Instrument :
 BNA_G
 ClientSampleId :
 PB111272TB

Tot Ion	82	Resp	233998
Ion Ratio	100	Lower	Upper
128	35.6	29.7	44.5
54	43.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BG035781.D
 Acq: 20 Jul 2018 12:21

Tgt Ion	164	Resp	85809
Ion Ratio	100	Lower	Upper
162	106.8	78.8	118.2
160	50.6	35.4	53.0

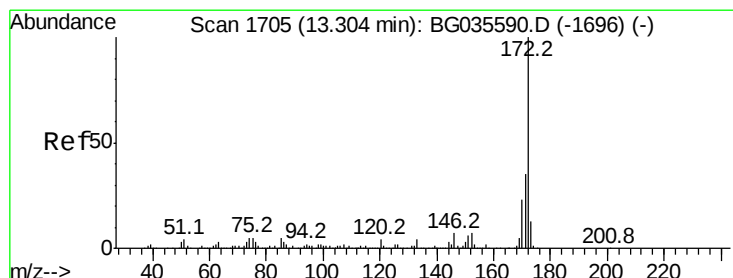
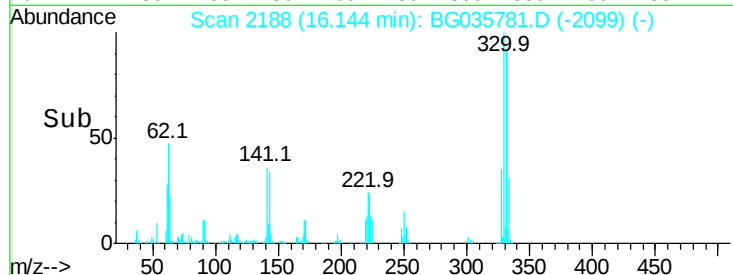
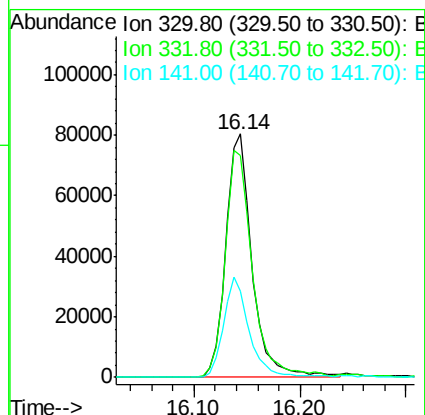
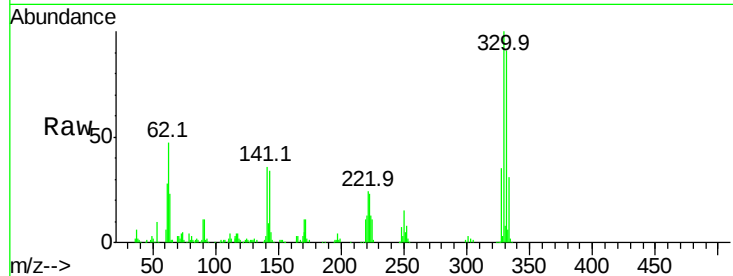




#41
2,4,6-Tribromophenol
Concen: 122.247 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG035781.D
Acq: 20 Jul 2018 12:21

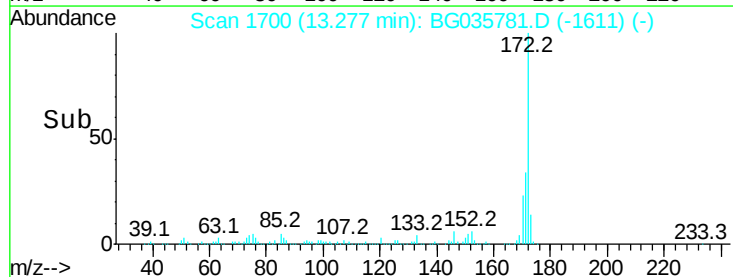
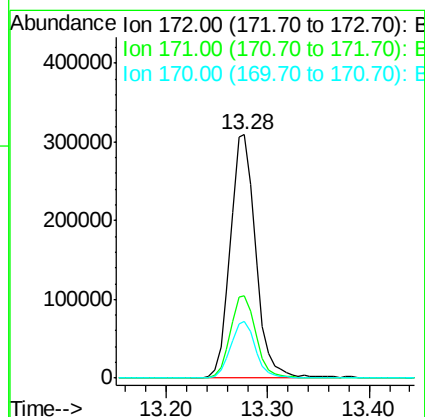
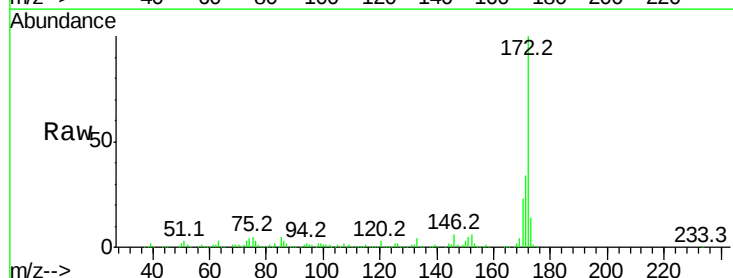
Instrument :
BNA_G
ClientSampled :
PB111272TB

Tot Ion:330 Resp: 138264
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 40.1 25.2 37.8#



#44
2-Fluorobiphenyl
Concen: 84.400 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035781.D
Acq: 20 Jul 2018 12:21

Tgt Ion:172 Resp: 540574
Ion Ratio Lower Upper
172 100
171 33.8 30.0 45.0
170 23.2 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BG035781.D

Acq: 20 Jul 2018 12:21

Instrument :

BNA_G

ClientSampleId :

PB111272TB

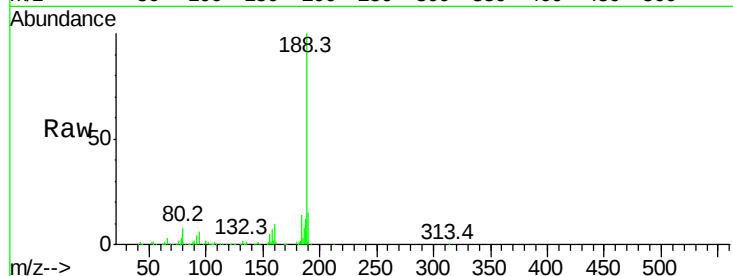
Tot Ion:188 Resp: 247795

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

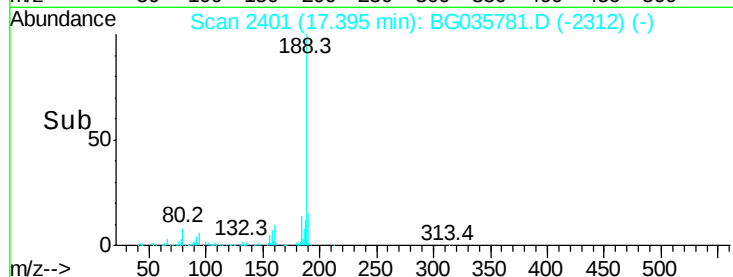
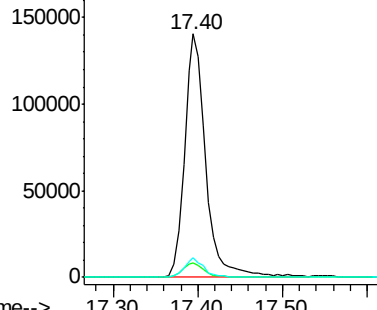
80 8.2 7.7 11.5



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: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG035781.D

Acq: 20 Jul 2018 12:21

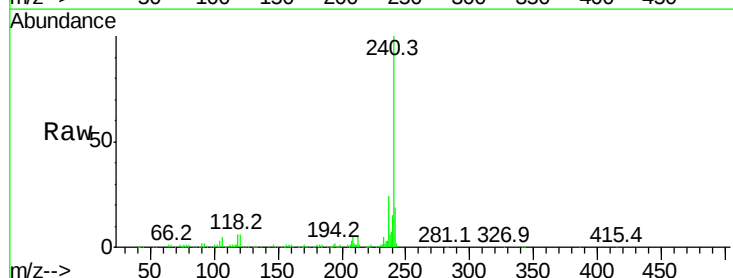
Tgt Ion:240 Resp: 296058

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

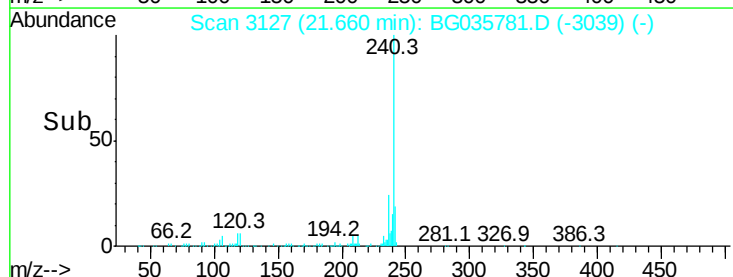
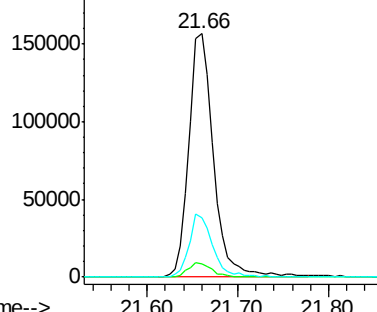
236 24.2 20.9 31.3

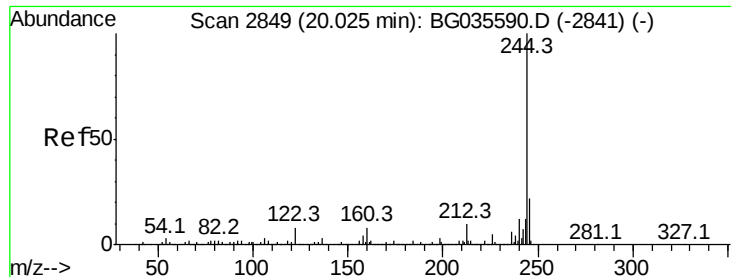


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

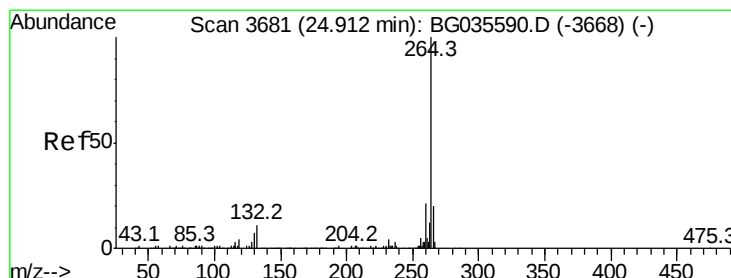
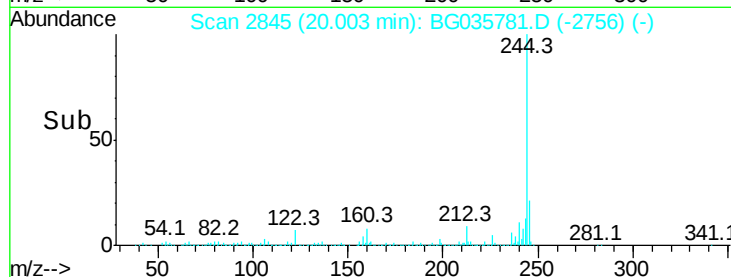
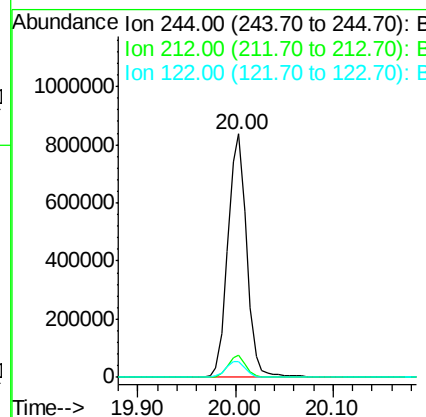
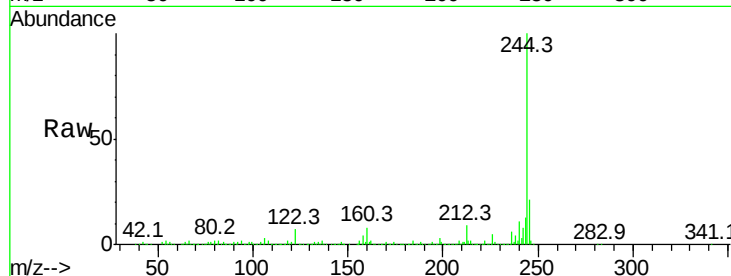




#78
 Terphenyl-d14
 Concen: 83.508 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BG035781.D
 Acq: 20 Jul 2018 12:21

Instrument :
 BNA_G
 ClientSampleID :
 PB111272TB

Tot Ion:244 Resp: 1121588
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.8 8.8#
 122 6.6 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3671
 Delta R.T. -0.03 min
 Lab File: BG035781.D
 Acq: 20 Jul 2018 12:21

Tgt Ion:264 Resp: 266267
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.4 26.0
 265 20.8 17.7 26.5

