

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
 Data File : BG035695.D
 Acq On : 17 Jul 2018 23:08
 Operator : JU/SJ
 Sample : J3997-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-H-D

Quant Time: Jul 18 04:19:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54454	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	193350	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	129609	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	360996	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	420461	20.00	ng	-0.02
86) Perylene-d12	24.88	264	406553	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	400588	122.13	ng	0.00
7) Phenol-d6	7.21	99	491739	100.49	ng	0.00
23) Nitrobenzene-d5	9.20	82	423319	91.46	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	253674	148.49	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	879996	90.96	ng	-0.02
78) Terphenyl-d14	20.01	244	1741773	91.31	ng	-0.01

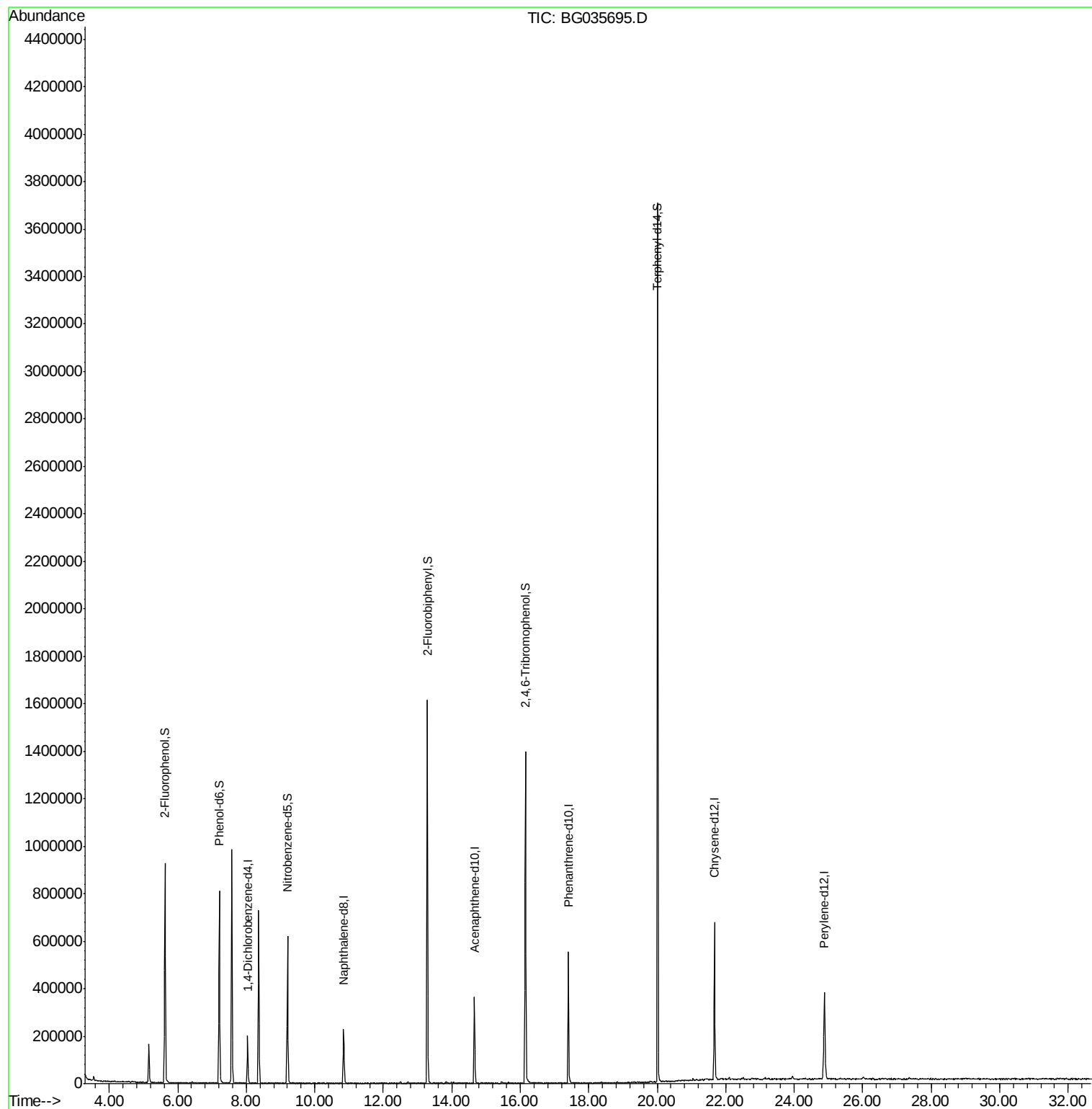
Target Compounds Qvalue

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

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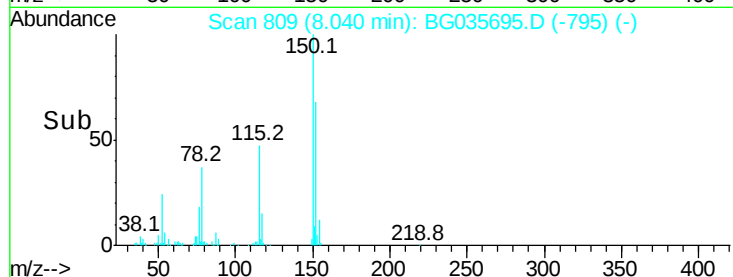
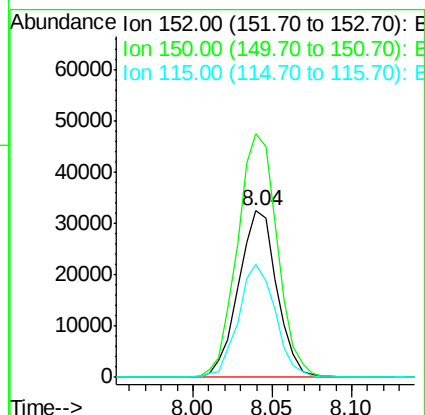
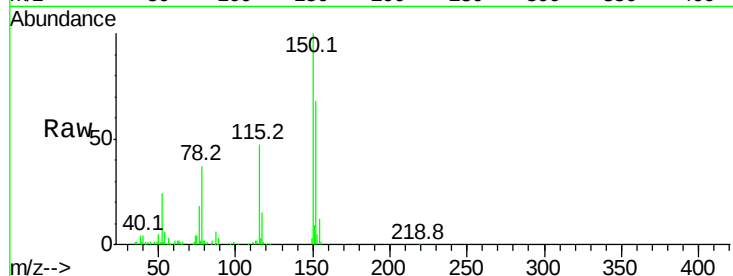


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035695.D
Acq: 17 Jul 2018 23:08

Instrument :
BNA_G
ClientSampleId :
TP-H-D

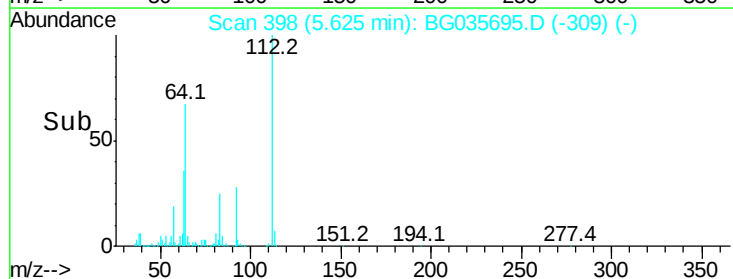
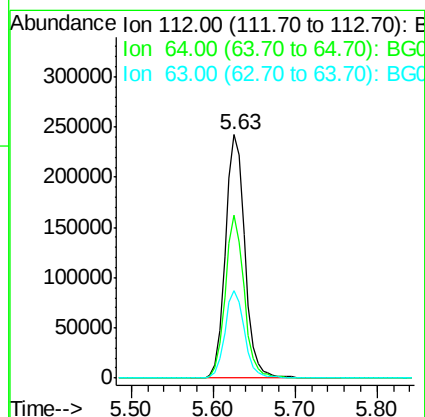
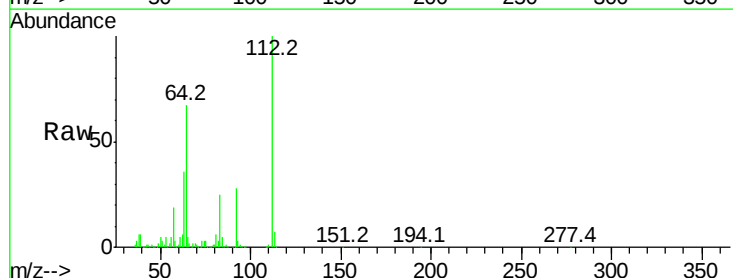
Tot Ion:152 Resp: 54454
Ion Ratio Lower Upper
152 100
150 146.4 126.6 189.8
115 68.1 53.0 79.4



#5

2-Fluorophenol
Concen: 122.134 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035695.D
Acq: 17 Jul 2018 23:08

Tgt Ion:112 Resp: 400588
Ion Ratio Lower Upper
112 100
64 66.7 56.3 84.5
63 36.1 30.1 45.1





#7

Phenol-d6

Concen: 100.487 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035695.D

Acq: 17 Jul 2018 23:08

Instrument :

BNA_G

ClientSampleId :

TP-H-D

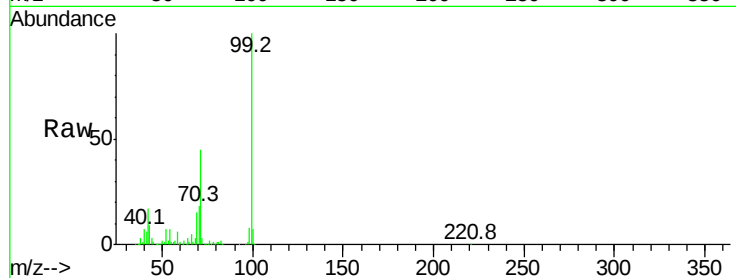
Tot Ion: 99 Resp: 491739

Ion Ratio Lower Upper

99 100

42 17.3 14.1 21.1

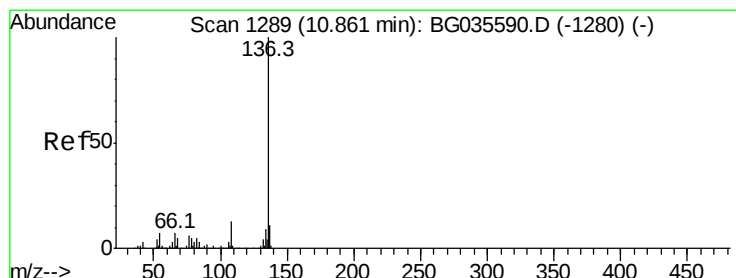
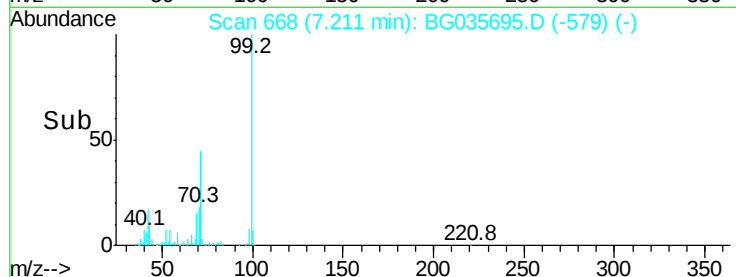
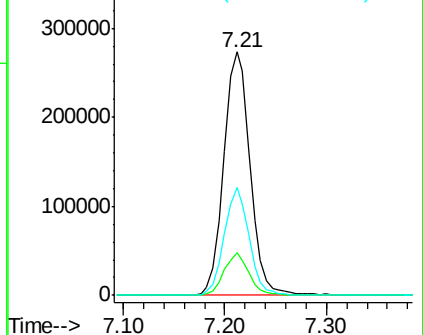
71 44.6 26.1 39.1#



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: 10.84 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BG035695.D

Acq: 17 Jul 2018 23:08

Tgt Ion: 136 Resp: 193350

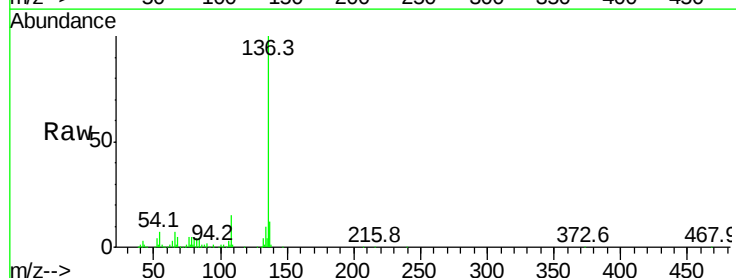
Ion Ratio Lower Upper

136 100

137 12.5 9.2 13.8

54 6.5 10.3 15.5#

68 5.2 4.5 6.7

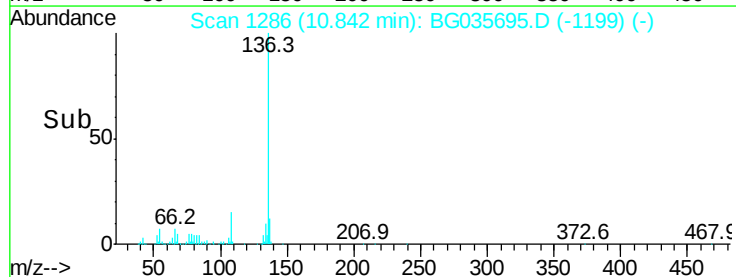
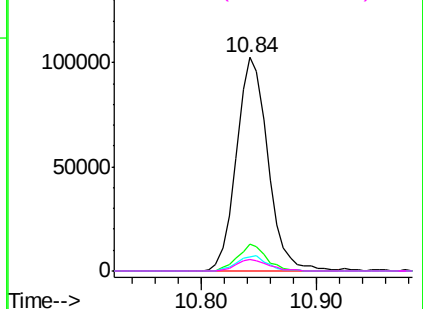


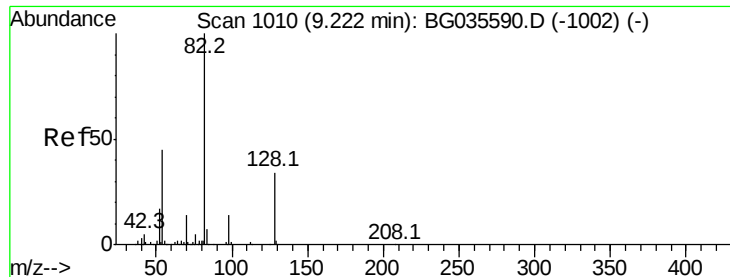
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 91.461 ng

RT: 9.20 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BG035695.D

Acq: 17 Jul 2018 23:08

Instrument :

BNA_G

ClientSampleId :

TP-H-D

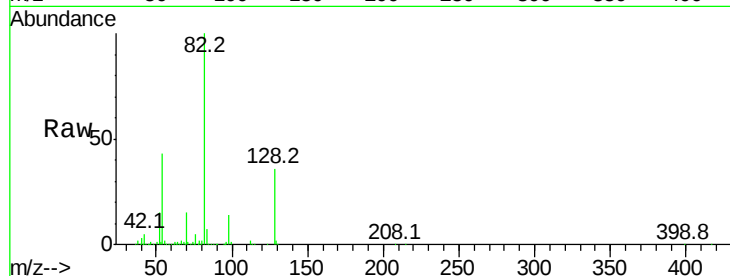
Tot Ion: 82 Resp: 423319

Ion Ratio Lower Upper

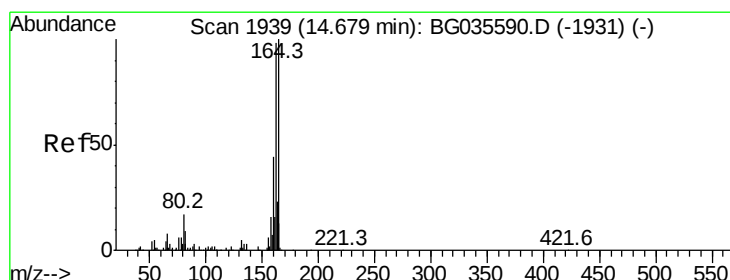
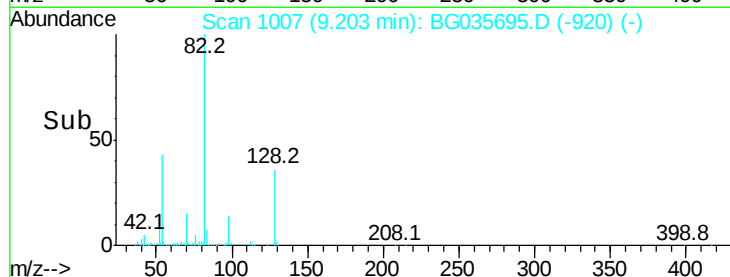
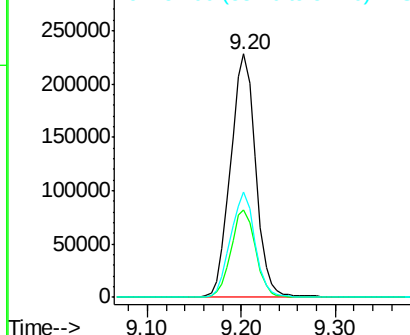
82 100

128 36.0 29.7 44.5

54 43.3 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: 14.66 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG035695.D

Acq: 17 Jul 2018 23:08

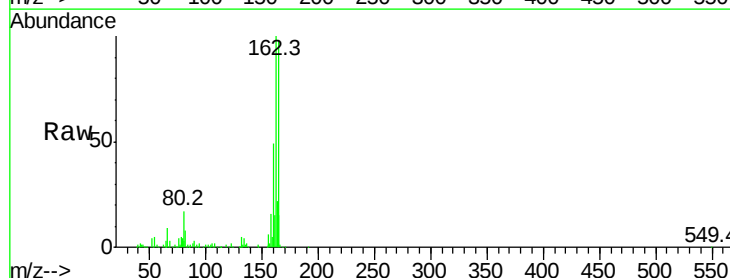
Tgt Ion:164 Resp: 129609

Ion Ratio Lower Upper

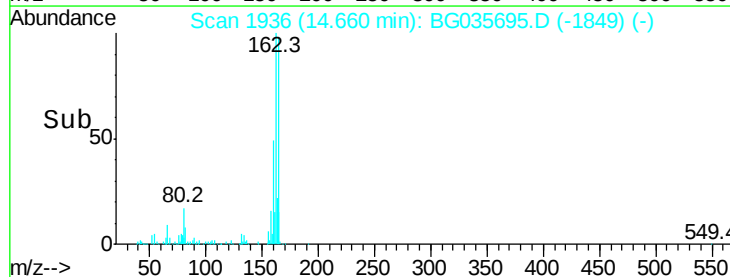
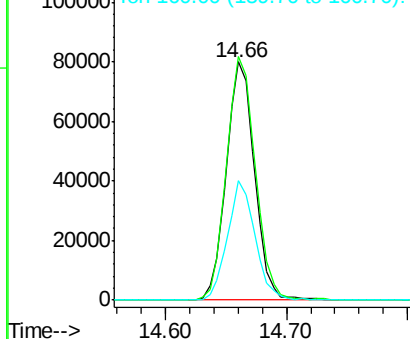
164 100

162 102.2 78.8 118.2

160 50.1 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

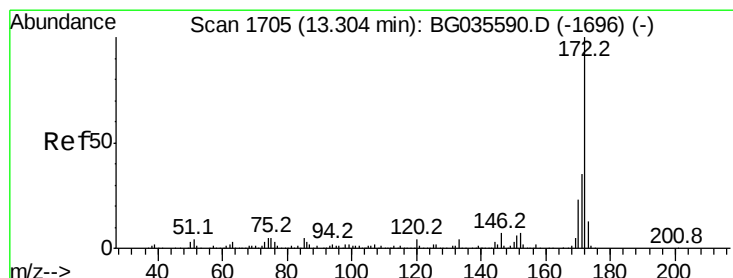
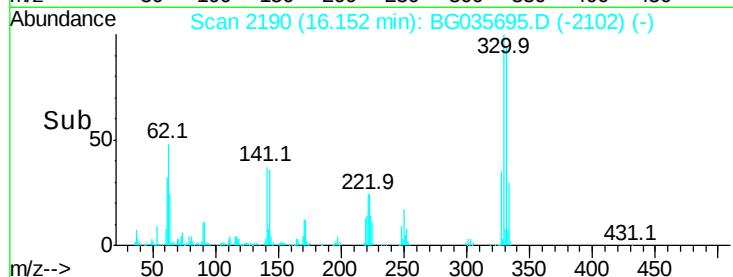
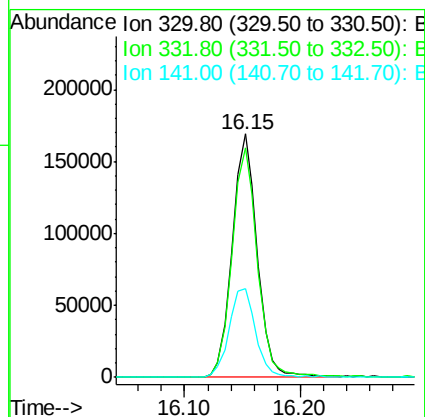
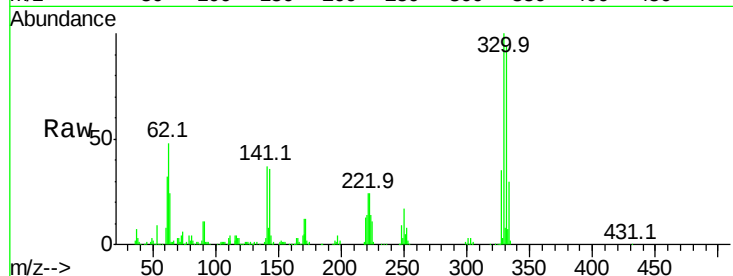




#41
 2,4,6-Tribromophenol
 Concen: 148.492 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

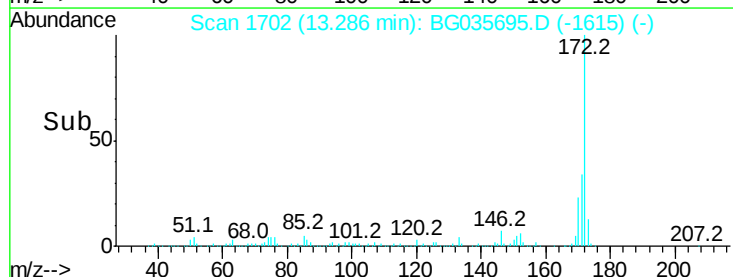
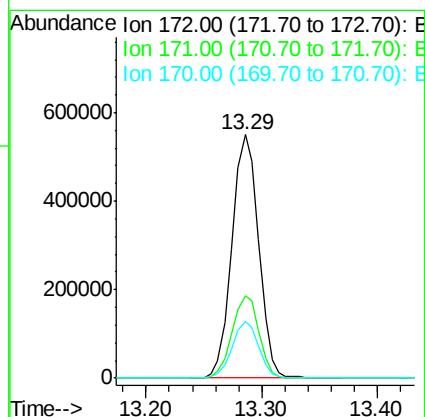
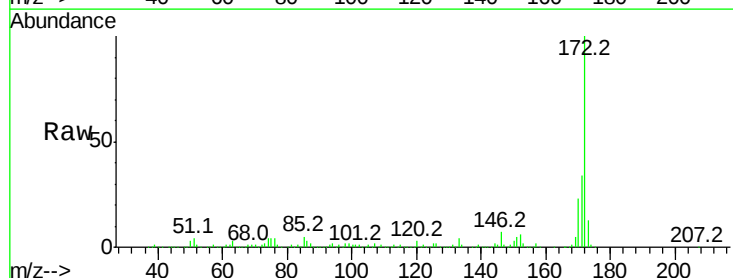
Instrument :
 BNA_G
 ClientSampled :
 TP-H-D

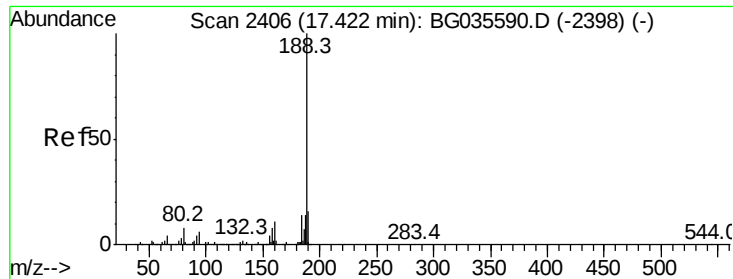
Tot Ion:330 Resp: 253674
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 39.4 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 90.963 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG035695.D
 Acq: 17 Jul 2018 23:08

Tgt Ion:172 Resp: 879996
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.0 45.0
 170 23.3 19.5 29.3

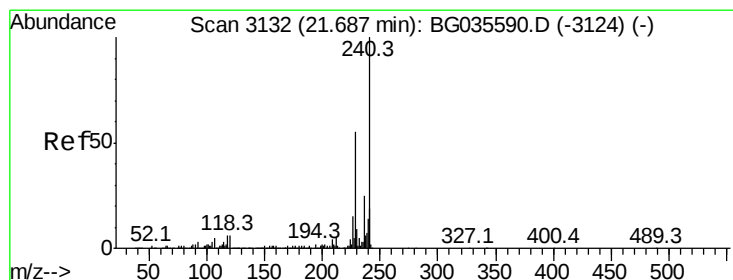
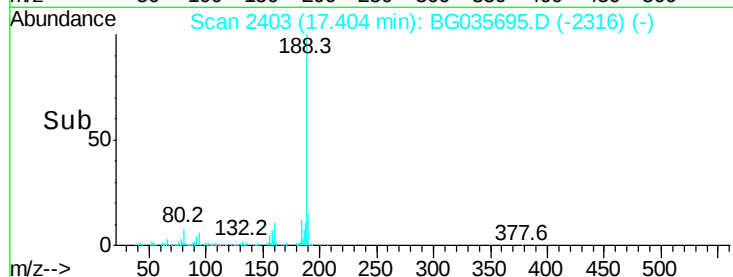
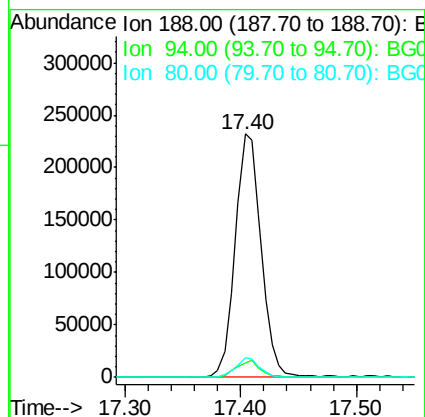
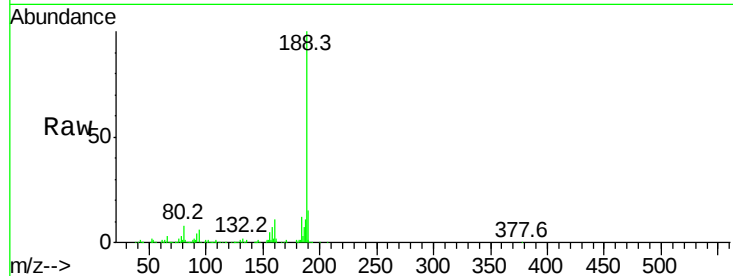




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. -0.02 min
Lab File: BG035695.D
Acq: 17 Jul 2018 23:08

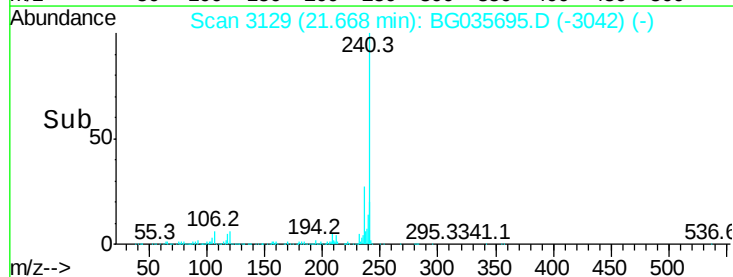
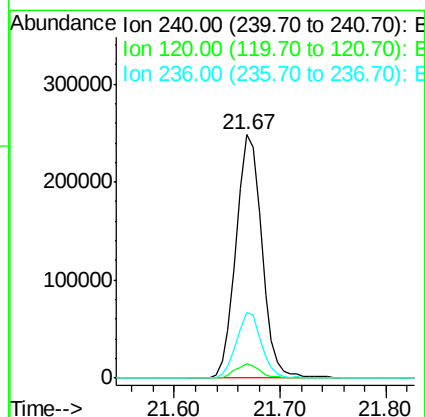
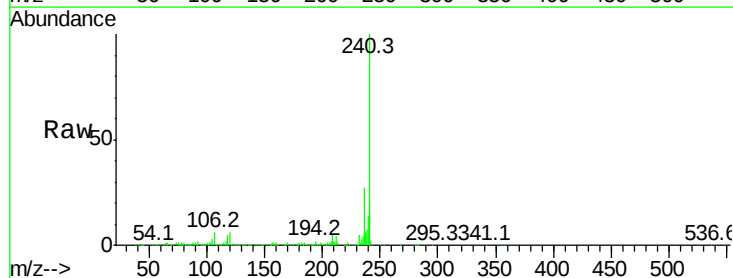
Instrument :
BNA_G
ClientSampleId :
TP-H-D

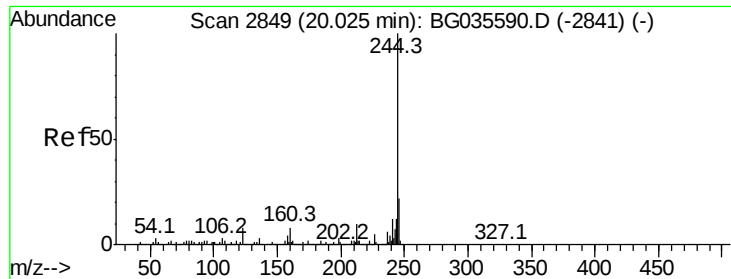
Tot Ion:188 Resp: 360996
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.9 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035695.D
Acq: 17 Jul 2018 23:08

Tgt Ion:240 Resp: 420461
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 27.2 20.9 31.3





#78

Terphenyl-d14

Concen: 91.314 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035695.D

Acq: 17 Jul 2018 23:08

Instrument :

BNA_G

ClientSampleId :

TP-H-D

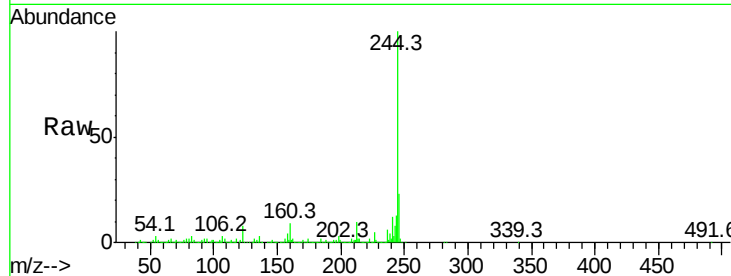
Tot Ion:244 Resp: 1741773

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

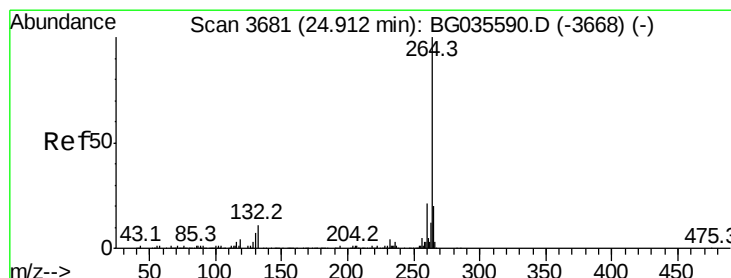
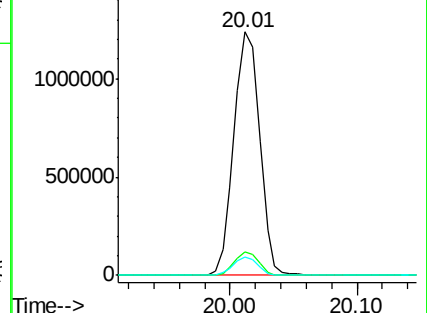
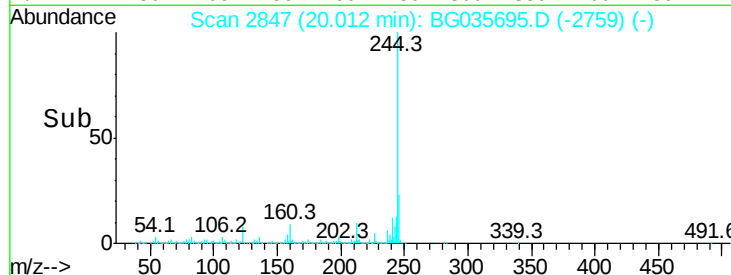
122 7.7 7.0 10.4



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: 24.88 min Scan# 3676

Delta R.T. -0.03 min

Lab File: BG035695.D

Acq: 17 Jul 2018 23:08

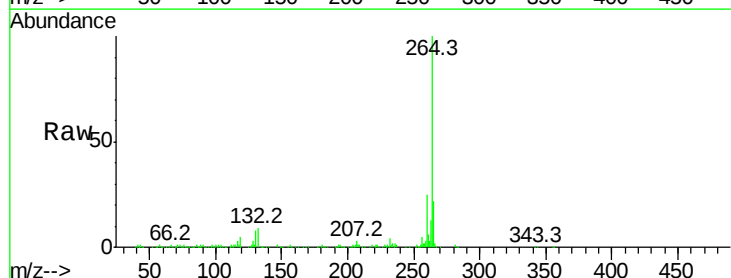
Tgt Ion:264 Resp: 406553

Ion Ratio Lower Upper

264 100

260 25.5 17.4 26.0

265 21.8 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

