

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
 Data File : BG035691.D
 Acq On : 17 Jul 2018 20:31
 Operator : JU/SJ
 Sample : J3996-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1

Quant Time: Jul 18 04:07:46 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	53046	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	185165	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	123940	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	344354	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	397985	20.00	ng	-0.02
86) Perylene-d12	24.88	264	364105	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	435153	136.19	ng	0.00
7) Phenol-d6	7.21	99	532888	111.79	ng	0.00
23) Nitrobenzene-d5	9.20	82	460164	103.82	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	281709	172.45	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	966606	104.49	ng	-0.02
78) Terphenyl-d14	20.01	244	1858794	102.95	ng	-0.01

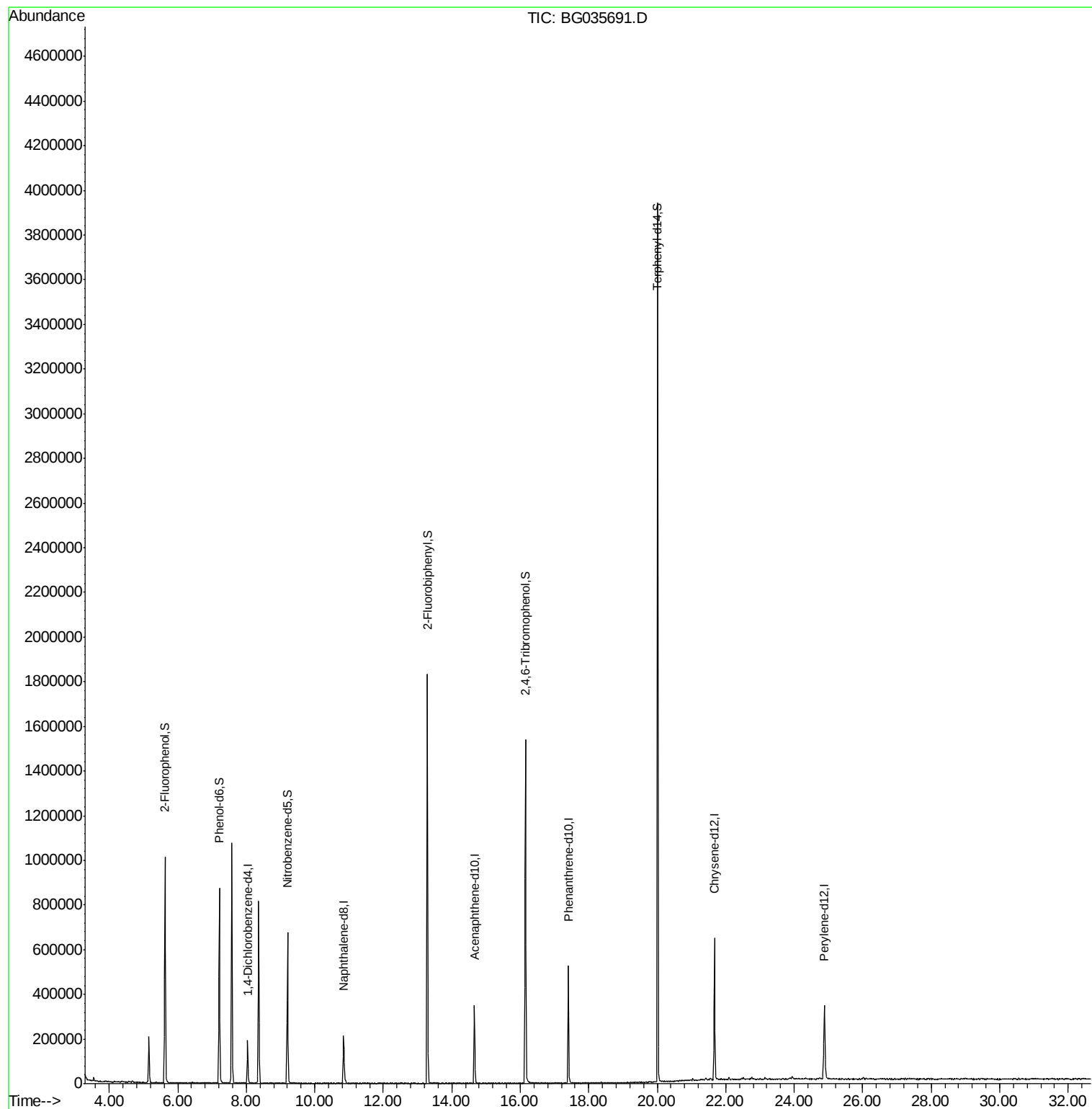
Target Compounds Qvalue

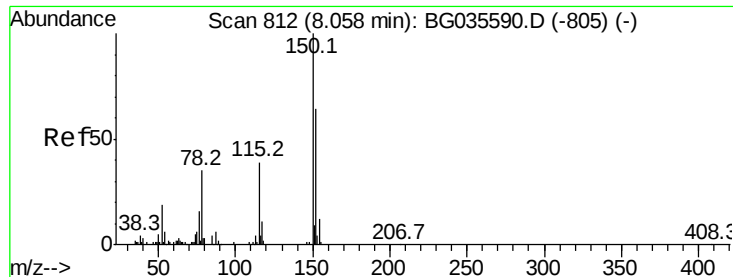
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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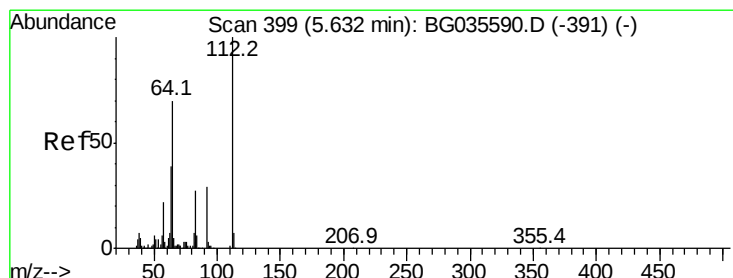
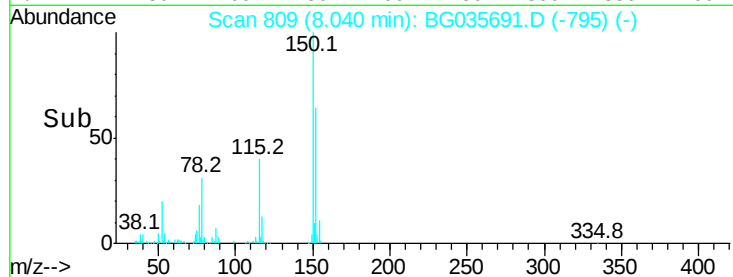
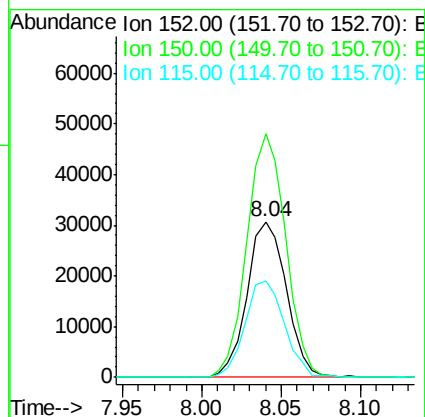
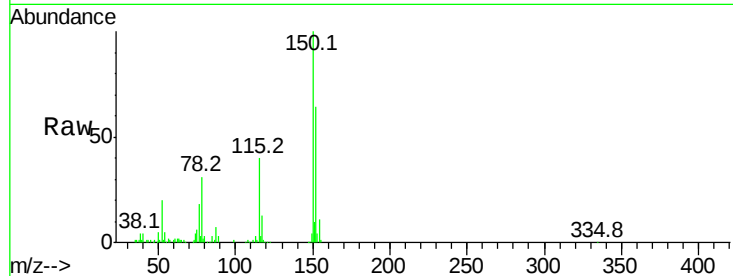


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
MH-1

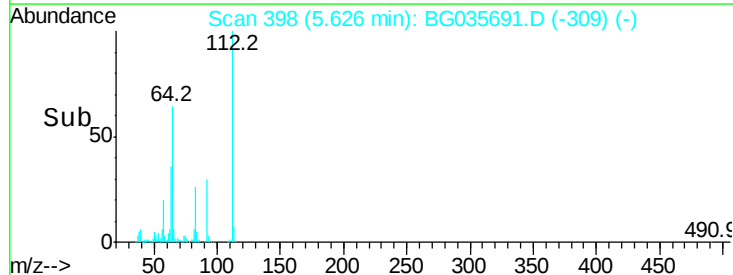
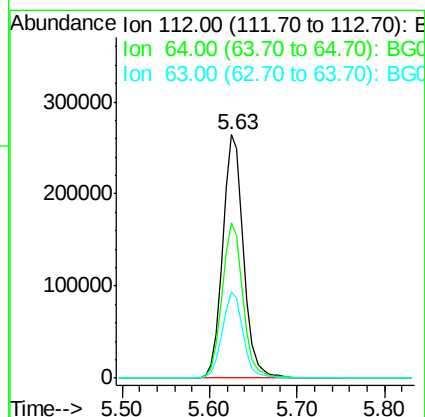
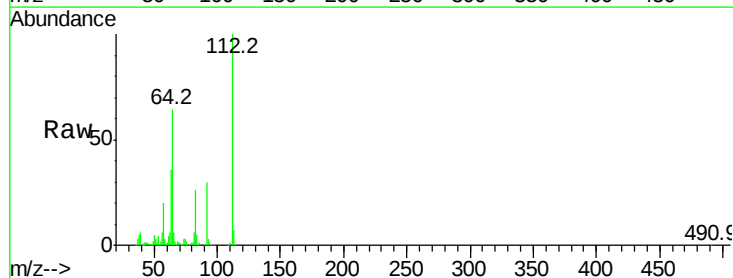
Tot Ion:152 Resp: 53046
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 61.9 53.0 79.4

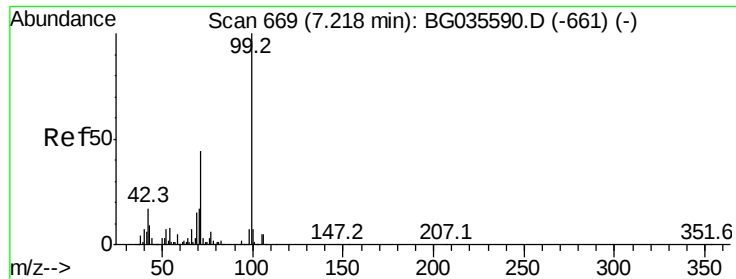


#5

2-Fluorophenol
Concen: 136.194 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035691.D
Acq: 17 Jul 2018 20:31

Tgt Ion:112 Resp: 435153
Ion Ratio Lower Upper
112 100
64 63.7 56.3 84.5
63 35.6 30.1 45.1





#7

Phenol-d6

Concen: 111.786 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035691.D

Acq: 17 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

MH-1

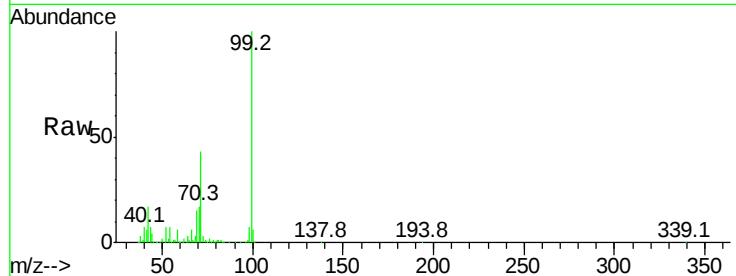
Tot Ion: 99 Resp: 532888

Ion Ratio Lower Upper

99 100

42 16.9 14.1 21.1

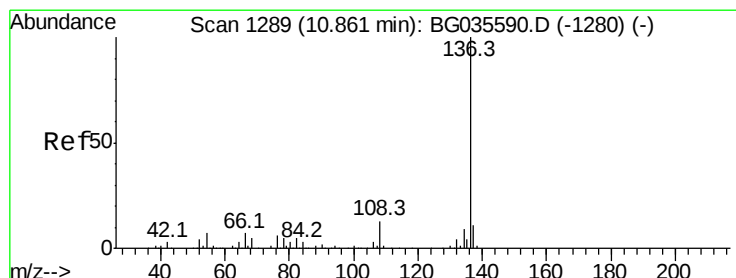
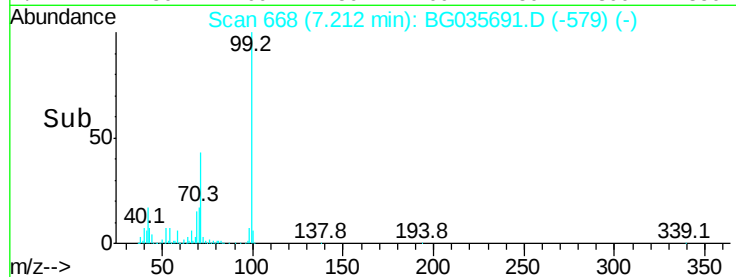
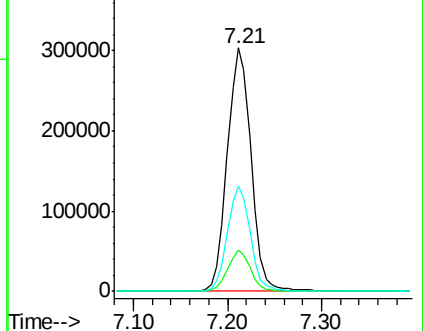
71 43.4 26.1 39.1#



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: BG035691.D

Acq: 17 Jul 2018 20:31

Tgt Ion: 136 Resp: 185165

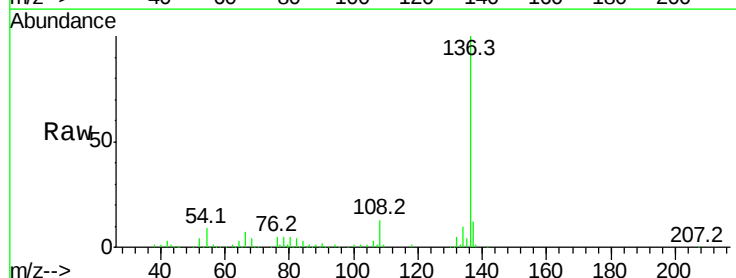
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 8.7 10.3 15.5#

68 4.4 4.5 6.7#

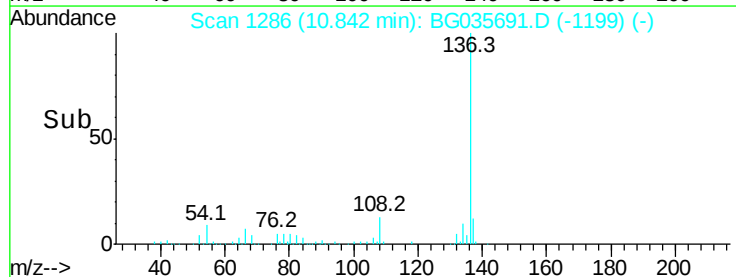
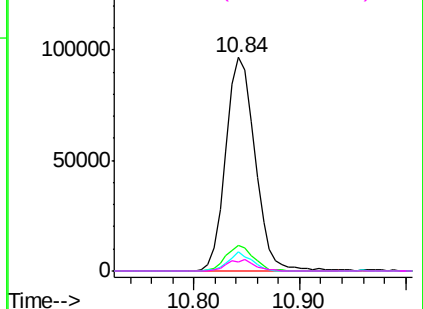


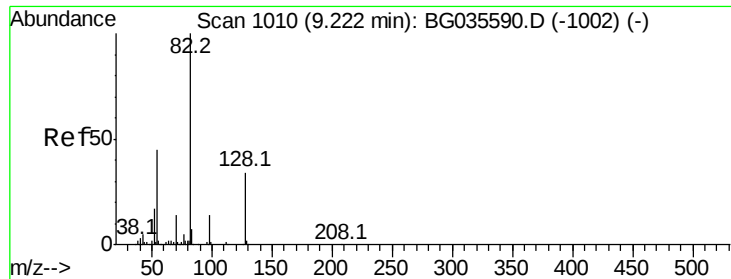
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

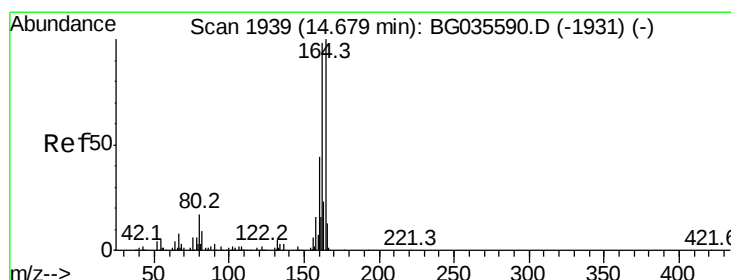
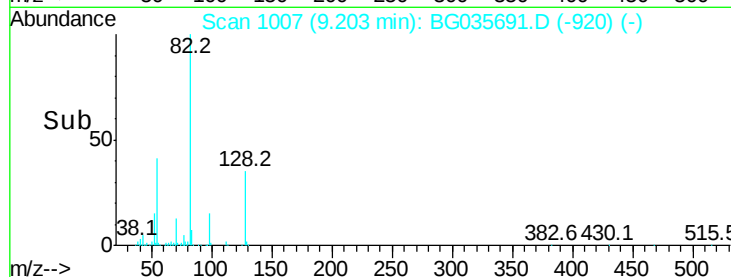
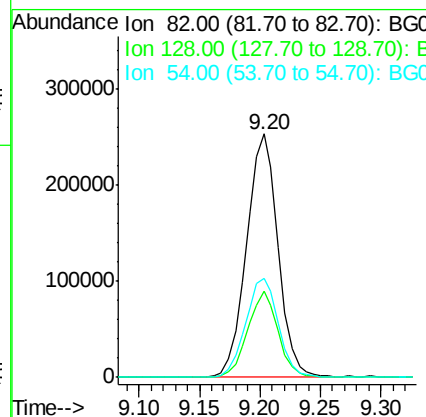
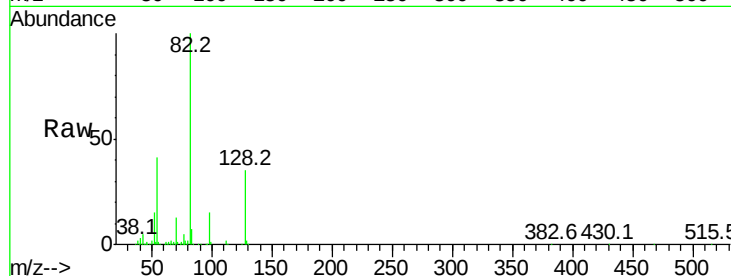




#23
 Nitrobenzene-d5
 Concen: 103.817 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BG035691.D
 Acq: 17 Jul 2018 20:31

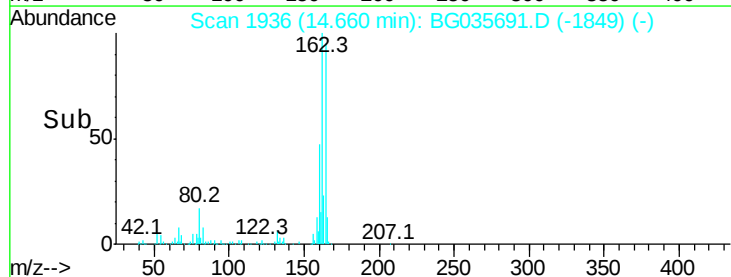
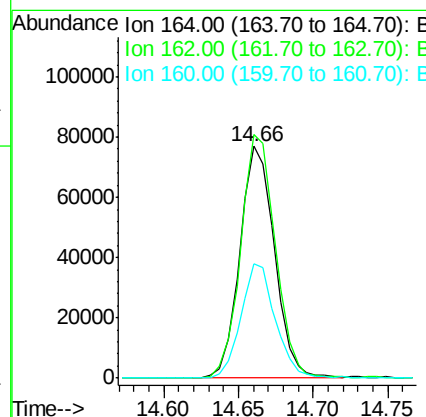
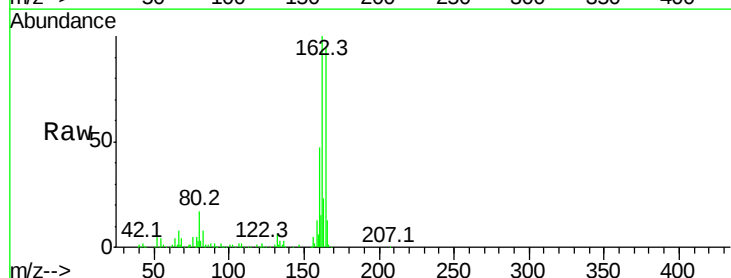
Instrument :
 BNA_G
 ClientSampleId :
 MH-1

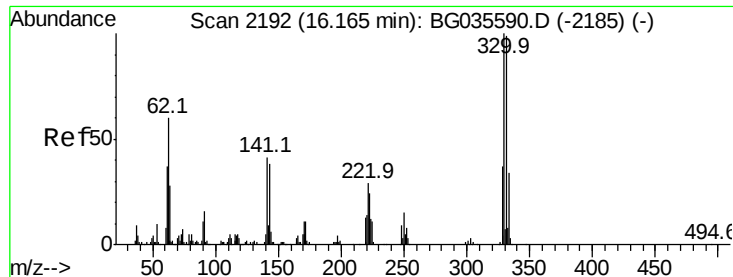
Tot Ion	82	Resp	460164
Ion Ratio	Lower	Upper	
82	100		
128	35.4	29.7	44.5
54	40.8	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BG035691.D
 Acq: 17 Jul 2018 20:31

Tgt Ion	164	Resp	123940
Ion Ratio	Lower	Upper	
164	100		
162	105.0	78.8	118.2
160	49.0	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 172.446 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG035691.D

Acq: 17 Jul 2018 20:31

Instrument :

BNA_G

ClientSampled :

MH-1

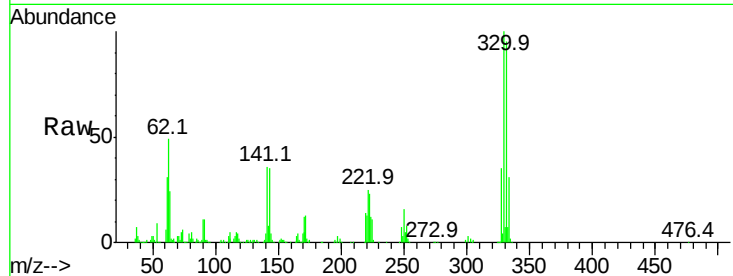
Tot Ion:330 Resp: 281709

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

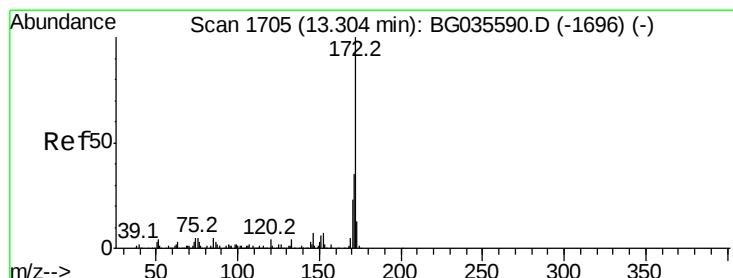
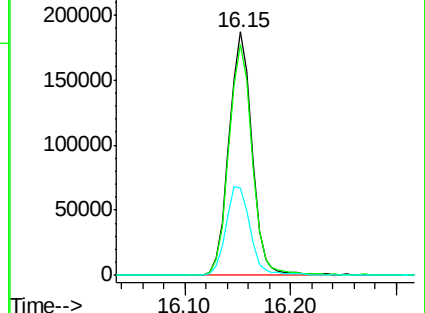
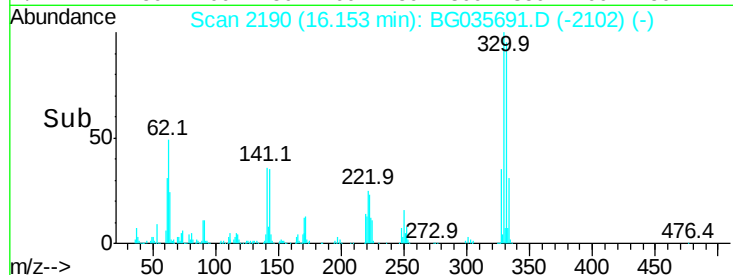
141 38.4 25.2 37.8#



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: 104.486 ng

RT: 13.29 min Scan# 1702

Delta R.T. -0.02 min

Lab File: BG035691.D

Acq: 17 Jul 2018 20:31

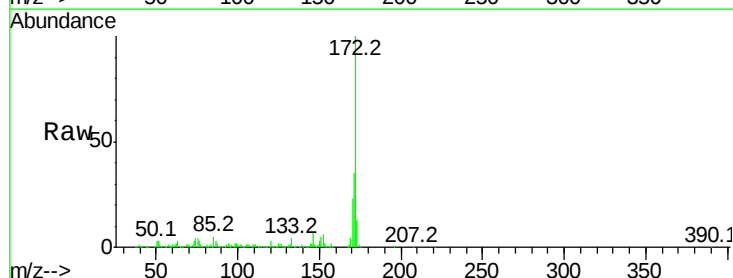
Tgt Ion:172 Resp: 966606

Ion Ratio Lower Upper

172 100

171 35.1 30.0 45.0

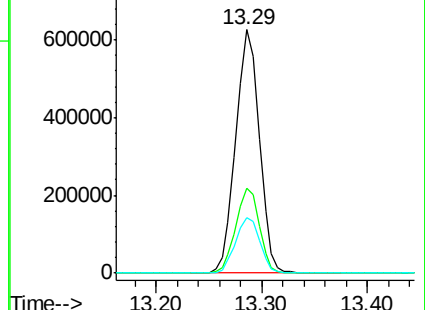
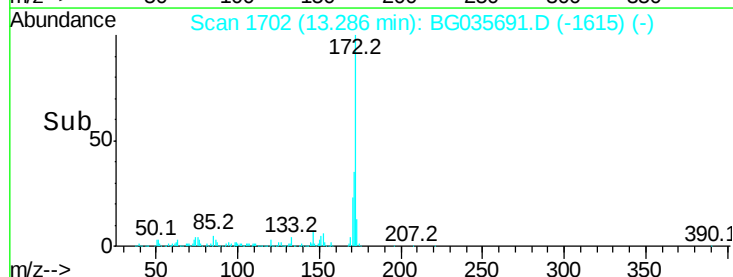
170 22.8 19.5 29.3

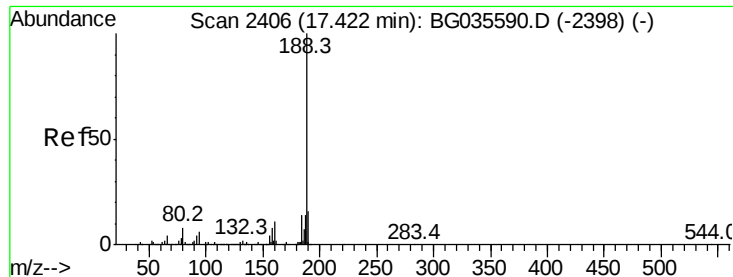


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.40 min Scan# 2403

Delta R.T. -0.02 min

Lab File: BG035691.D

Acq: 17 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

MH-1

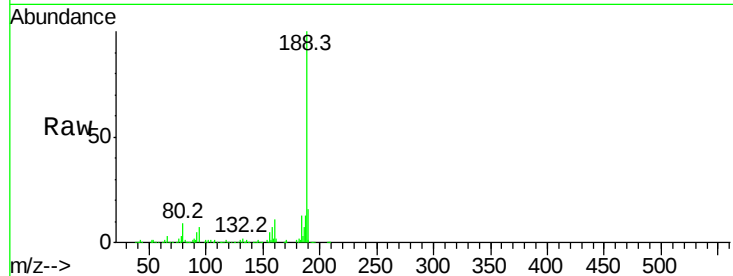
Tot Ion:188 Resp: 344354

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

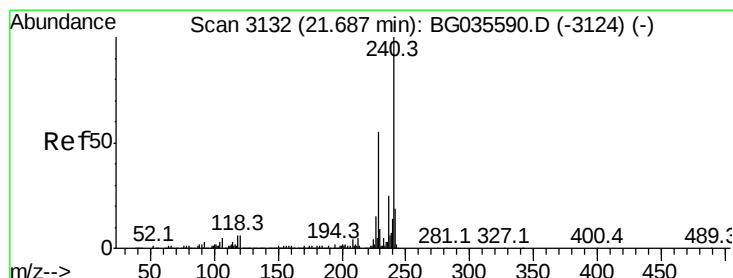
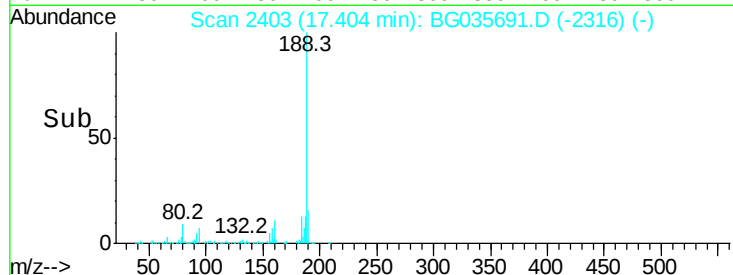
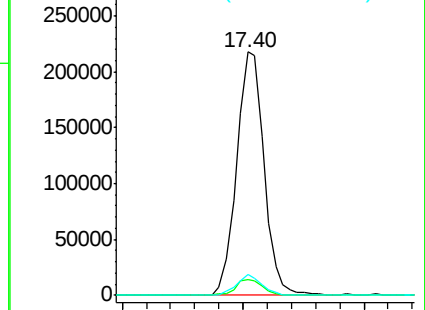
80 8.6 7.7 11.5



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: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG035691.D

Acq: 17 Jul 2018 20:31

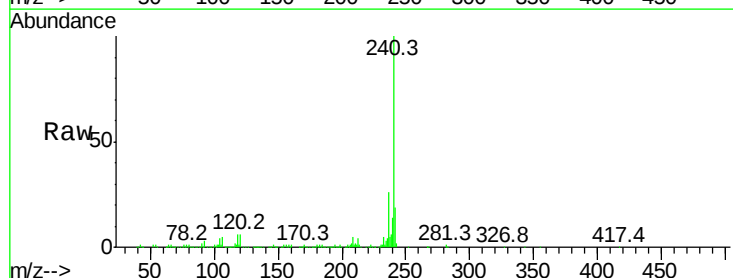
Tgt Ion:240 Resp: 397985

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

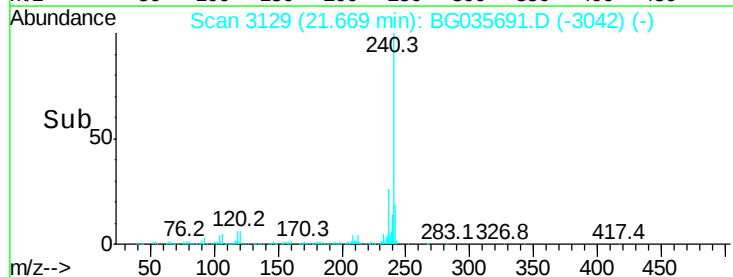
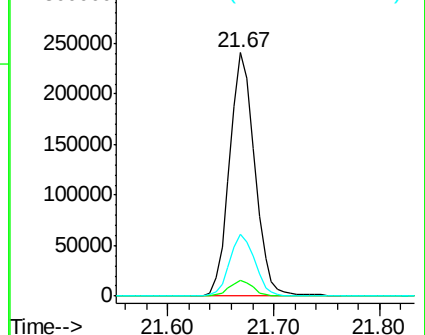
236 25.6 20.9 31.3

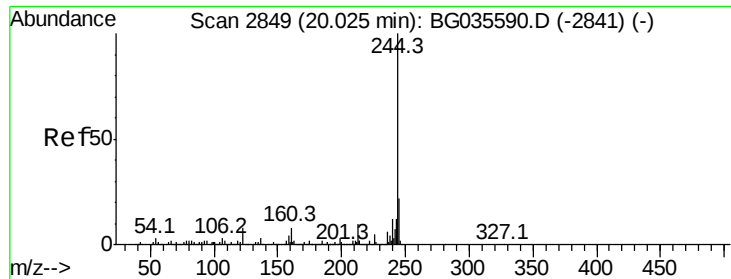


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.952 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035691.D

Acq: 17 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

MH-1

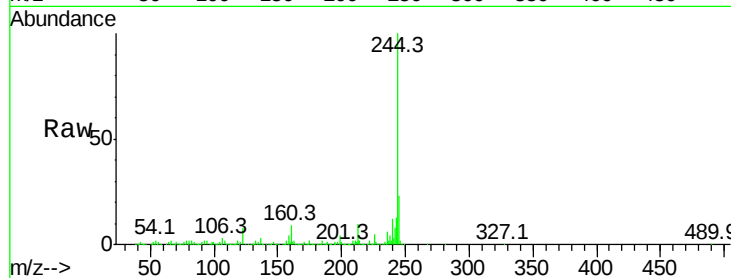
Tot Ion:244 Resp: 1858794

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

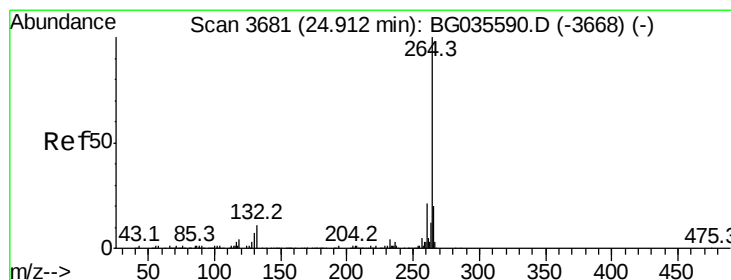
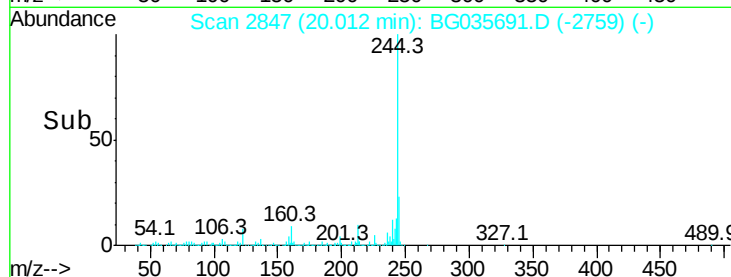
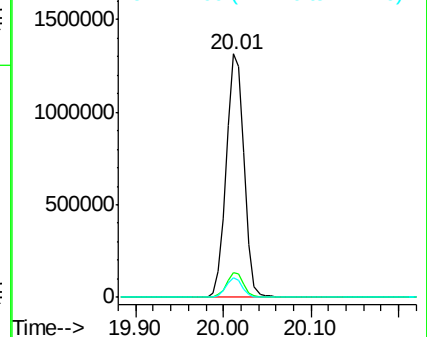
122 8.0 7.0 10.4



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: BG035691.D

Acq: 17 Jul 2018 20:31

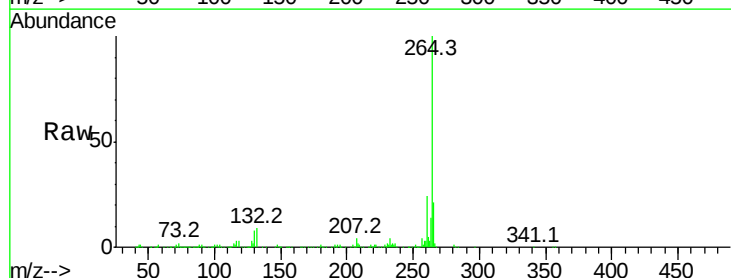
Tgt Ion:264 Resp: 364105

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 20.9 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

