

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
 Data File : BG045790.D
 Acq On : 17 Jun 2020 14:42
 Operator : CG/JU
 Sample : L3020-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-22(16.5-18.5)RE

Quant Time: Jun 17 15:24:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

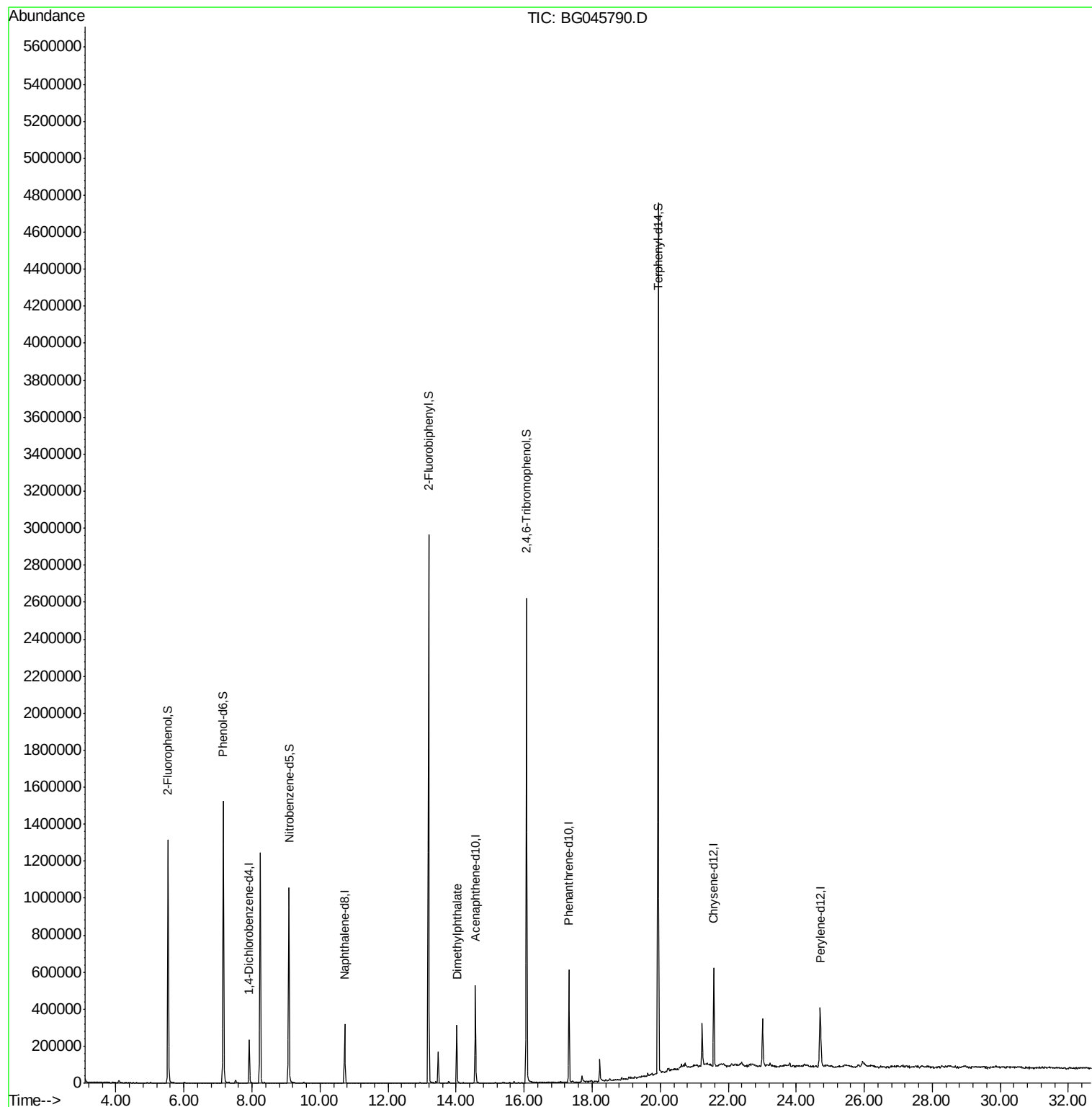
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	69559	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	279392	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	191707	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	401588	20.00	ng	0.00
76) Chrysene-d12	21.57	240	335243	20.00	ng	0.00
86) Perylene-d12	24.71	264	359312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	623951	151.53	ng	0.00
7) Phenol-d6	7.16	99	965712	154.18	ng	0.00
23) Nitrobenzene-d5	9.09	82	715404	116.98	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	534310	184.61	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1626988	124.72	ng	0.00
79) Terphenyl-d14	19.94	244	2142585	129.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.02	163	207302	13.803	ng	Qvalue 99

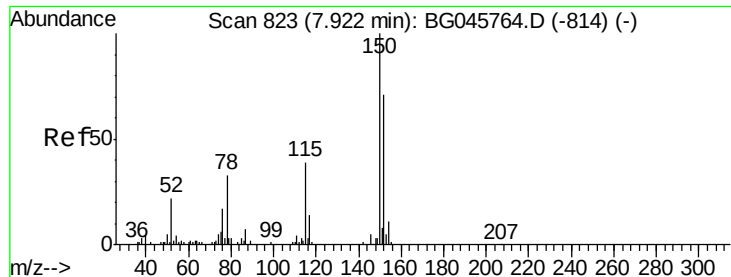
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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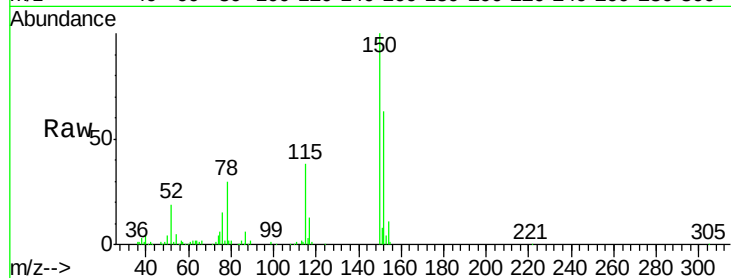


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	113.1	169.7
115	60.4	43.8	65.6

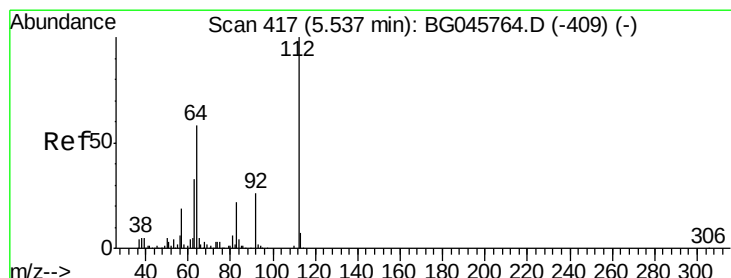
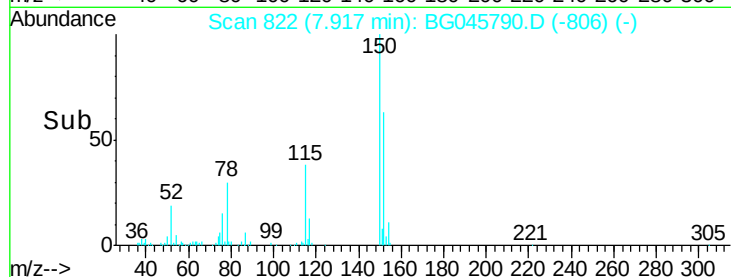
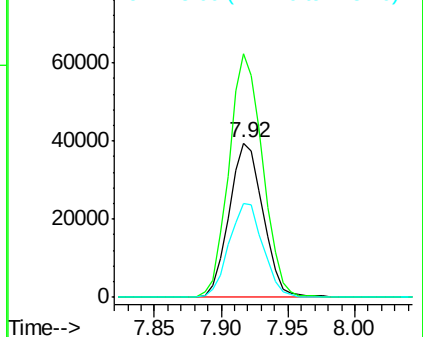


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

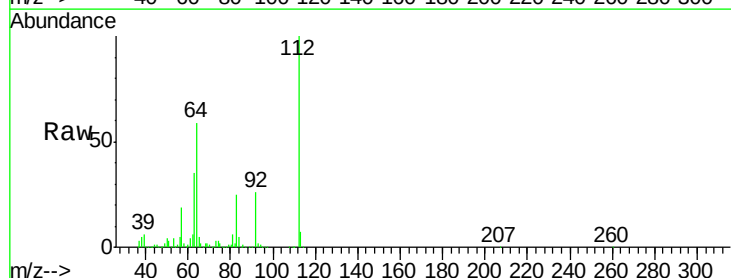
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 151.526 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.6	69.8
63	34.6	26.3	39.5

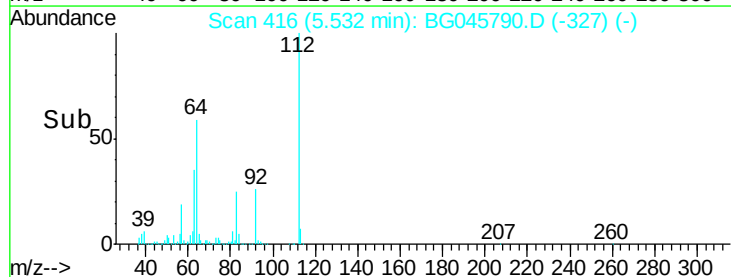
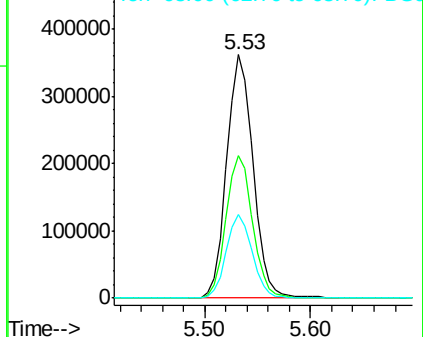


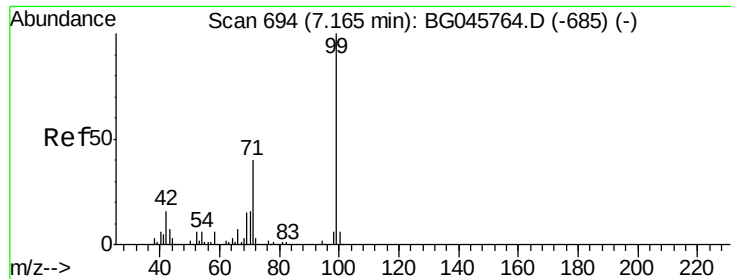
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 154.181 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045790.D

Acq: 17 Jun 2020 14:42

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)RE

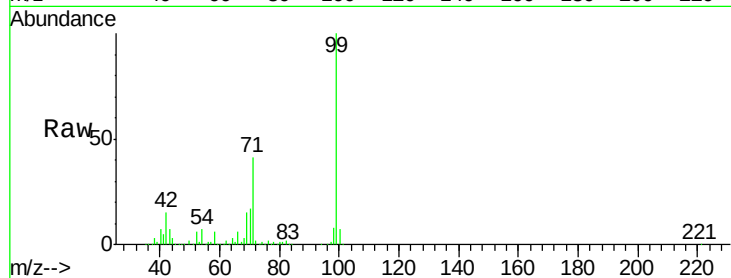
Tot Ion: 99 Resp: 965712

Ion Ratio Lower Upper

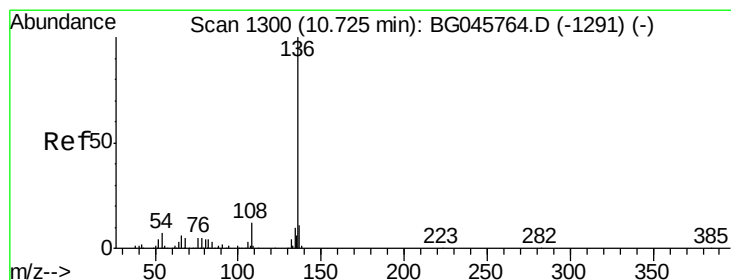
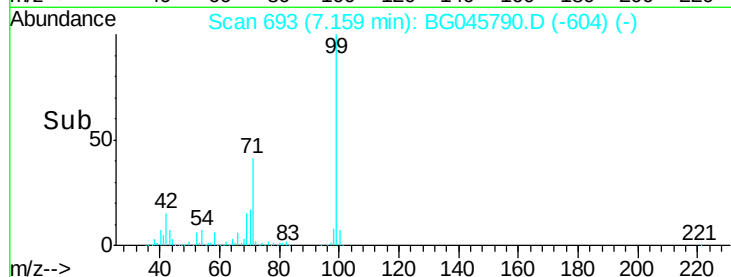
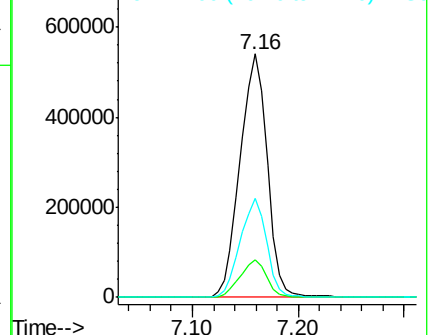
99 100

42 15.4 12.4 18.6

71 40.7 32.1 48.1



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: 10.72 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG045790.D

Acq: 17 Jun 2020 14:42

Tgt Ion:136 Resp: 279392

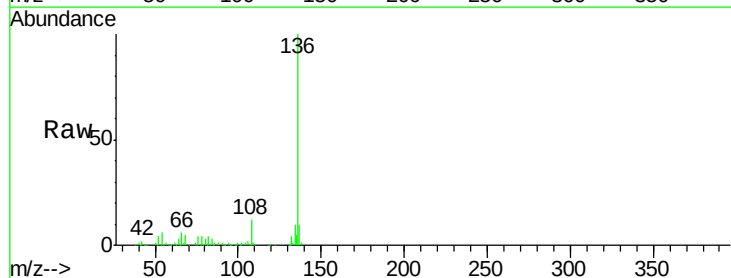
Ion Ratio Lower Upper

136 100

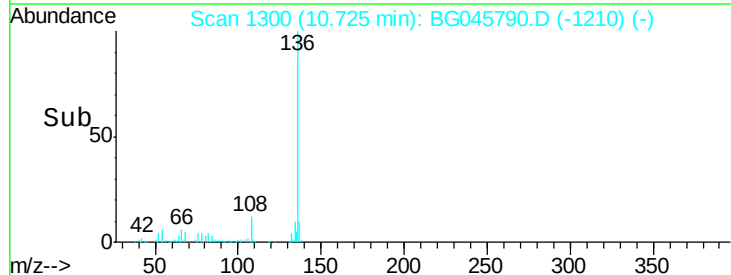
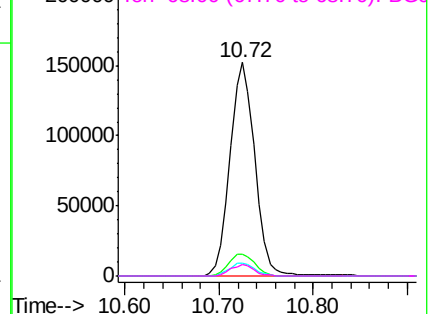
137 10.4 8.7 13.1

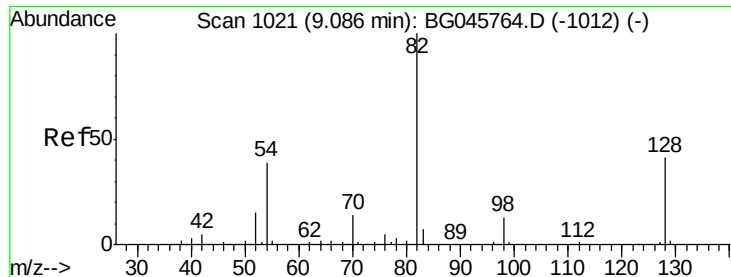
54 6.3 5.8 8.6

68 5.2 4.0 6.0



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

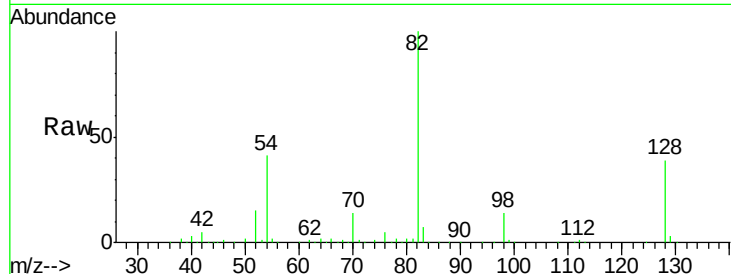




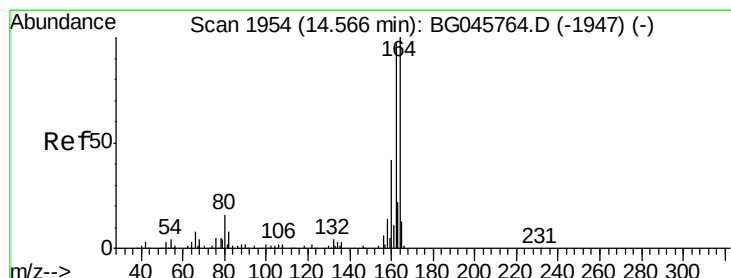
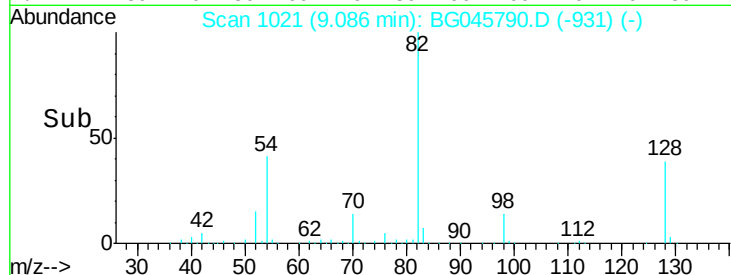
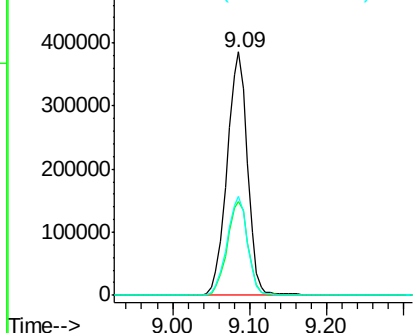
#23
Nitrobenzene-d5
Concen: 116.976 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Tot Ion	82	Resp	715404
Ion Ratio	100	Lower	Upper
128	38.7	32.5	48.7
54	40.6	31.2	46.8

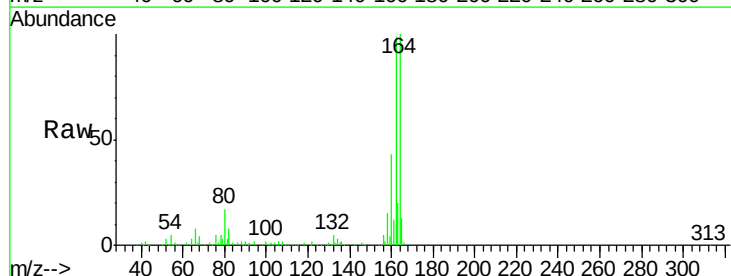


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

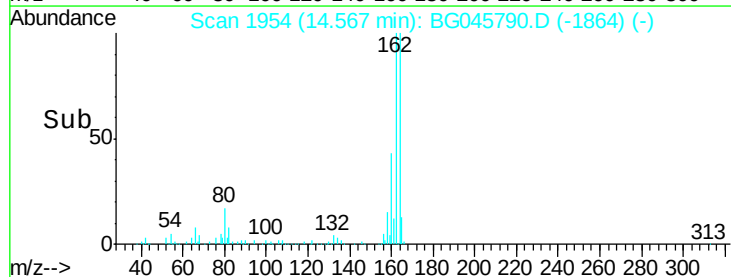
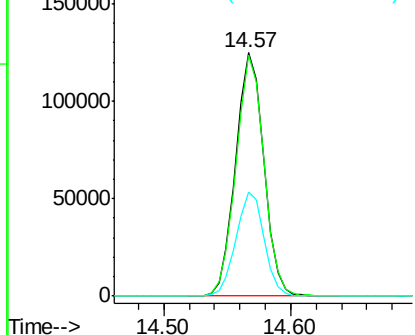


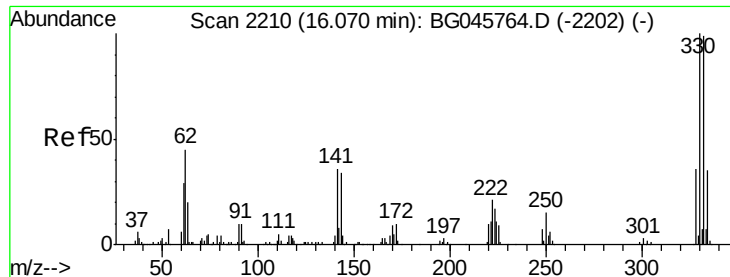
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Tgt Ion	164	Resp	191707
Ion Ratio	100	Lower	Upper
162	99.0	77.4	116.0
160	42.5	33.3	49.9



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





#42

2,4,6-Tribromophenol

Concen: 184.609 ng

RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG045790.D

Acq: 17 Jun 2020 14:42

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)RE

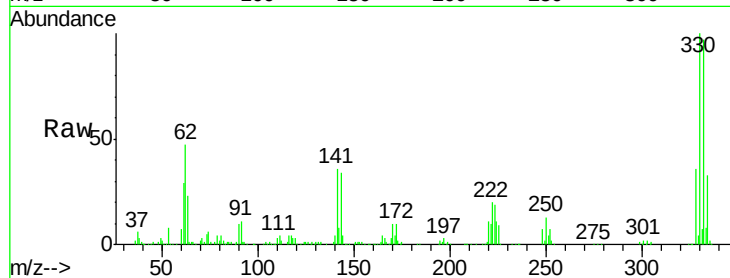
Tot Ion:330 Resp: 534310

Ion Ratio Lower Upper

330 100

332 97.9 78.6 117.8

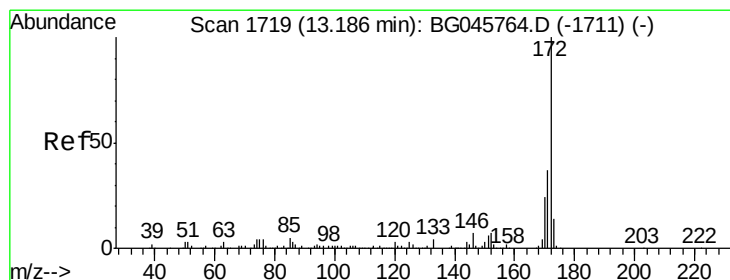
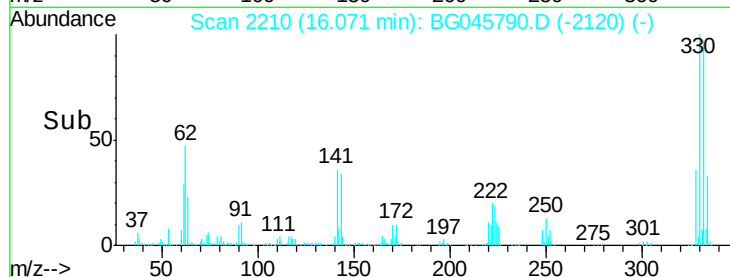
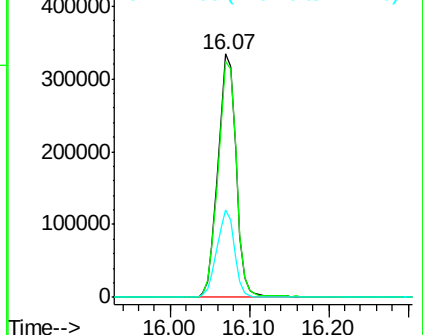
141 34.8 28.2 42.4



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



#45

2-Fluorobiphenyl

Concen: 124.719 ng

RT: 13.19 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BG045790.D

Acq: 17 Jun 2020 14:42

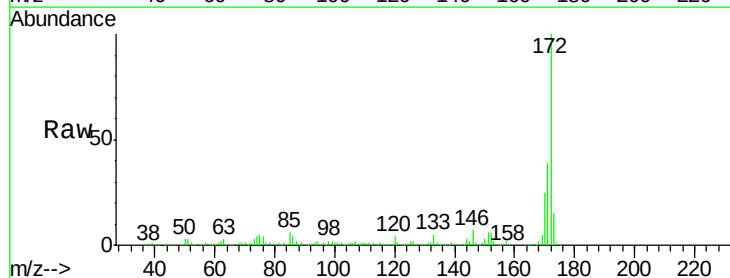
Tgt Ion:172 Resp: 1626988

Ion Ratio Lower Upper

172 100

171 39.0 29.9 44.9

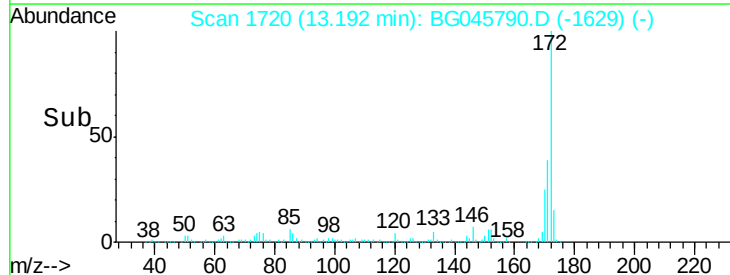
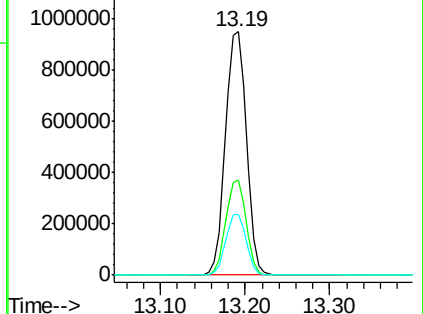
170 25.1 19.3 28.9

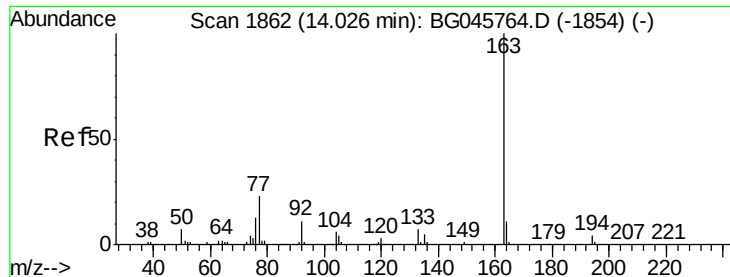


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 13.803 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BG045790.D

Acq: 17 Jun 2020 14:42

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)RE

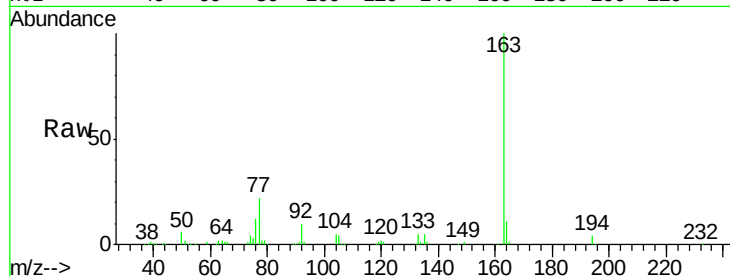
Tot Ion:163 Resp: 207302

Ion Ratio Lower Upper

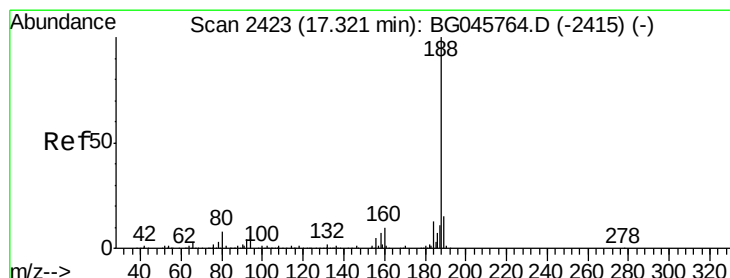
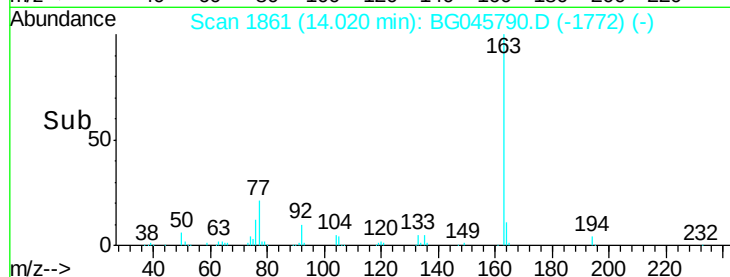
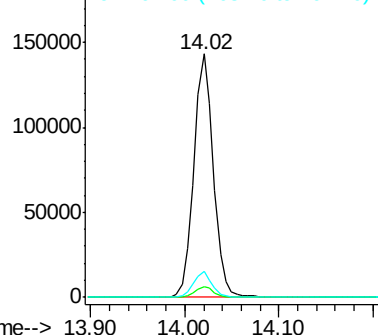
163 100

194 4.4 3.4 5.0

164 10.5 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG045790.D

Acq: 17 Jun 2020 14:42

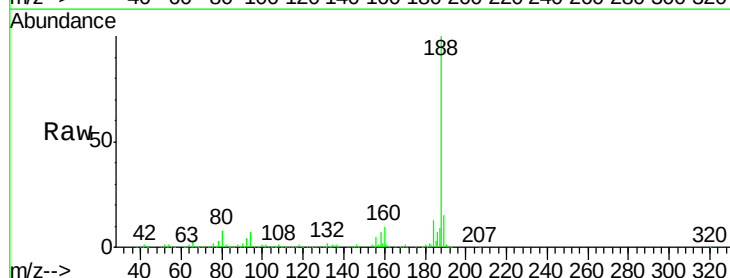
Tgt Ion:188 Resp: 401588

Ion Ratio Lower Upper

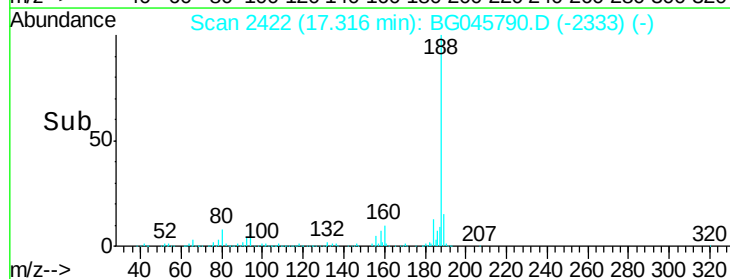
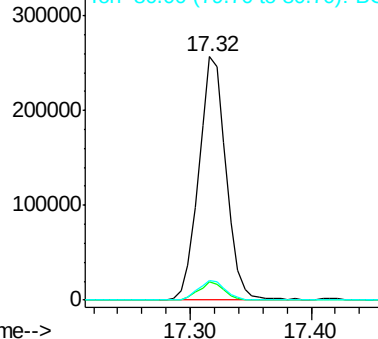
188 100

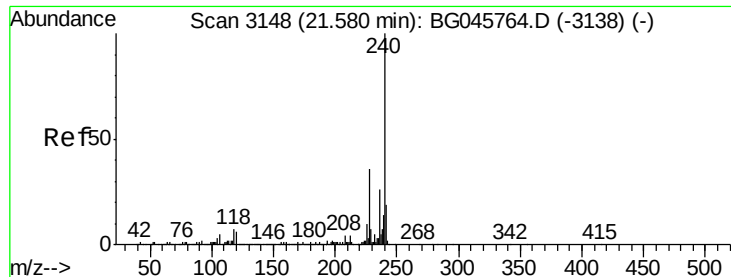
94 7.5 5.1 7.7

80 8.1 6.2 9.4



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045790.D

Acq: 17 Jun 2020 14:42

Instrument :

BNA_G

ClientSampleId :

MW-22(16.5-18.5)RE

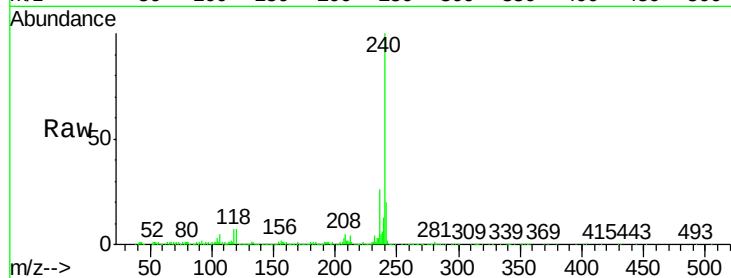
Tot Ion:240 Resp: 335243

Ion Ratio Lower Upper

240 100

120 7.2 5.0 7.4

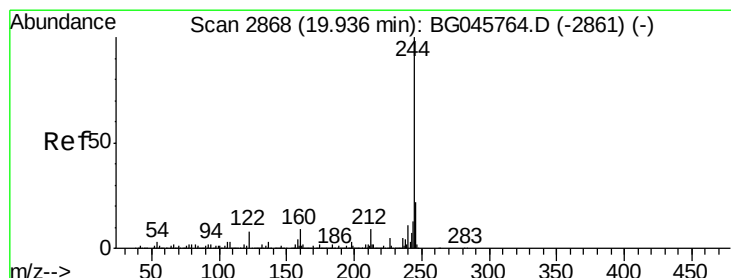
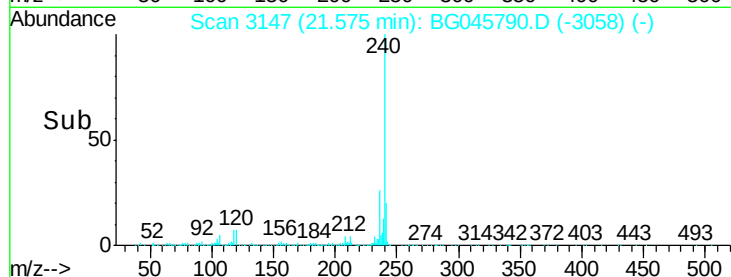
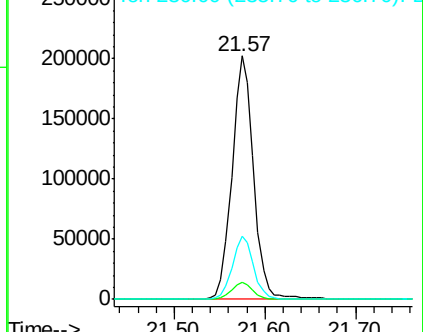
236 26.1 20.6 30.8



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



#79

Terphenyl-d14

Concen: 129.523 ng

RT: 19.94 min Scan# 2869

Delta R.T. 0.01 min

Lab File: BG045790.D

Acq: 17 Jun 2020 14:42

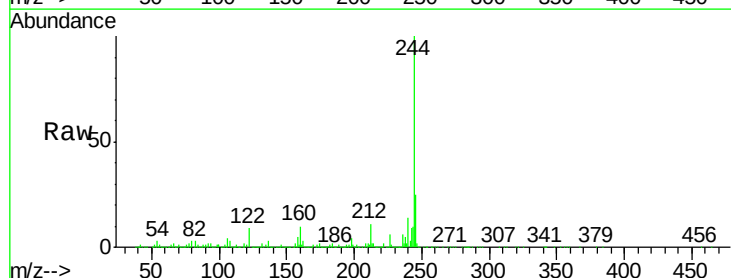
Tgt Ion:244 Resp: 2142585

Ion Ratio Lower Upper

244 100

212 10.6 7.2 10.8

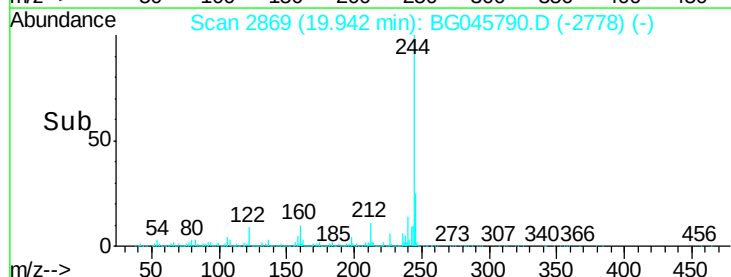
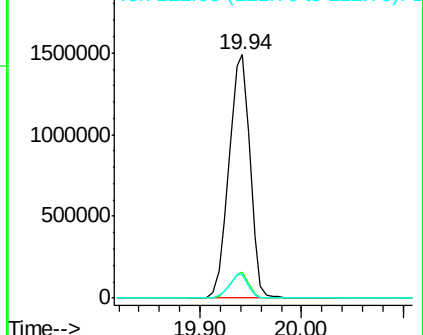
122 9.4 6.4 9.6

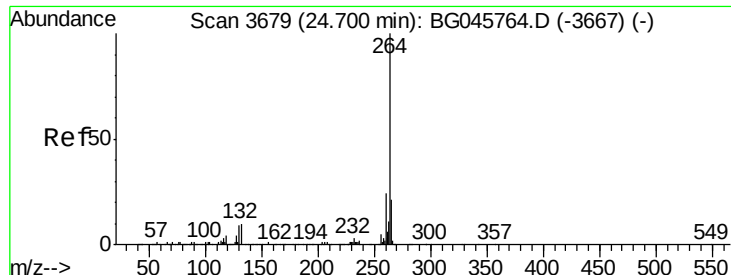


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BG045790.D
Acq: 17 Jun 2020 14:42

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	21.6	17.4	26.0

