

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
 Data File : BG046221.D
 Acq On : 11 Aug 2020 17:27
 Operator : CG/JU
 Sample : L3627-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WH-CON-B

Quant Time: Aug 11 19:09:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

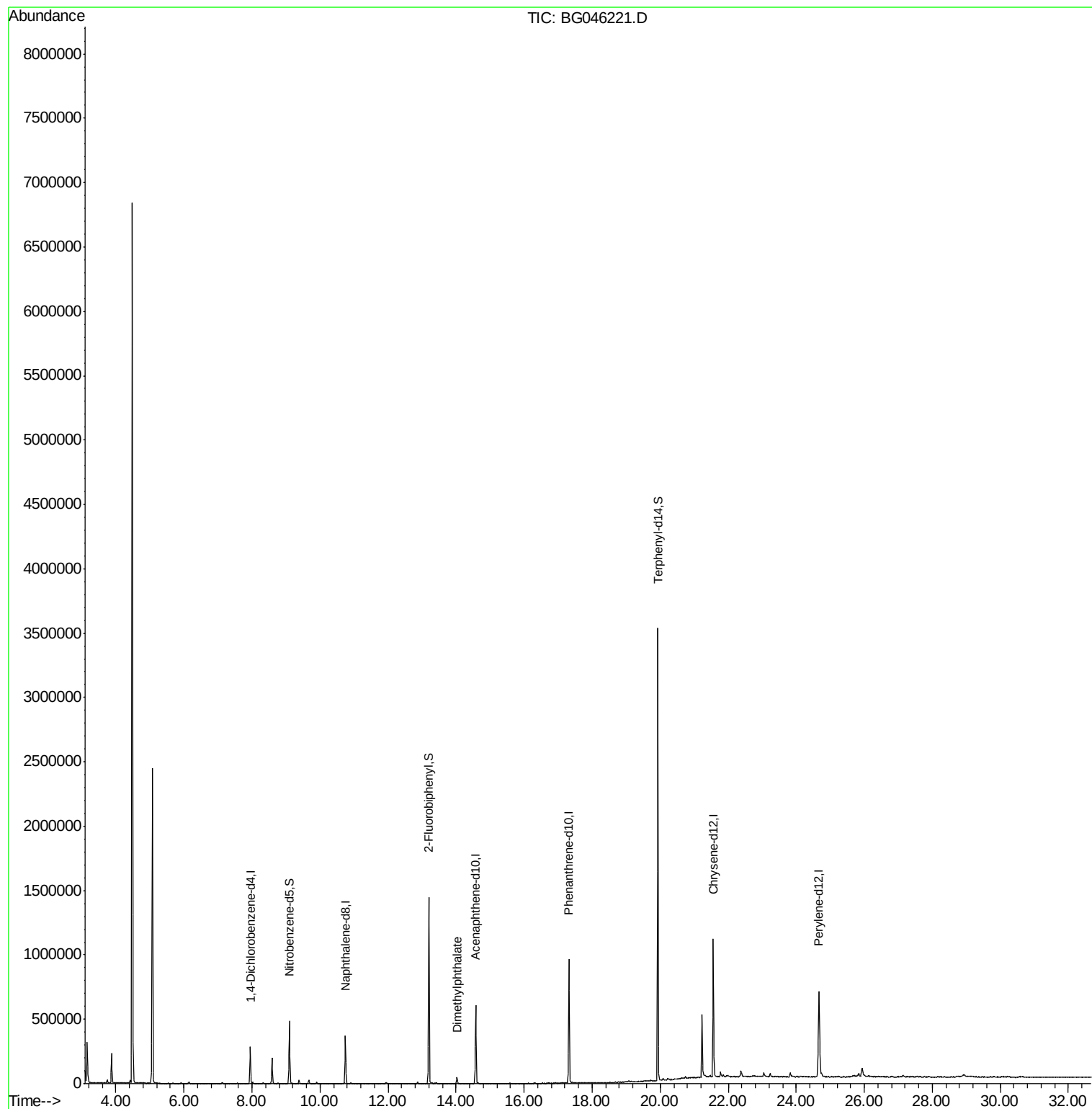
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	89249	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	340277	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	231717	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	618640	20.00	ng	0.00
76) Chrysene-d12	21.56	240	676984	20.00	ng	-0.01
86) Perylene-d12	24.67	264	704644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	667	0.13	ng	0.00
7) Phenol-d6	7.12	99	5066	0.72	ng	0.00
23) Nitrobenzene-d5	9.10	82	306927	48.84	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.20	172	796384	49.93	ng	0.00
79) Terphenyl-d14	19.93	244	1553732	46.74	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.03	163	41986	2.361	ng	Qvalue # 98

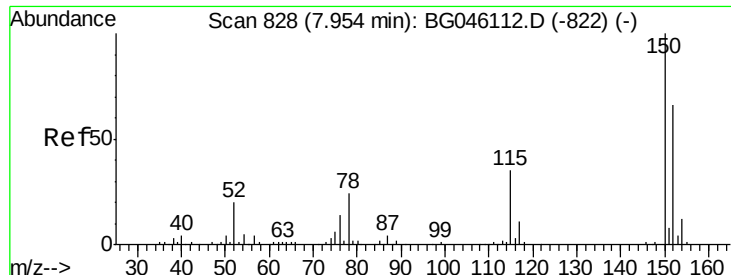
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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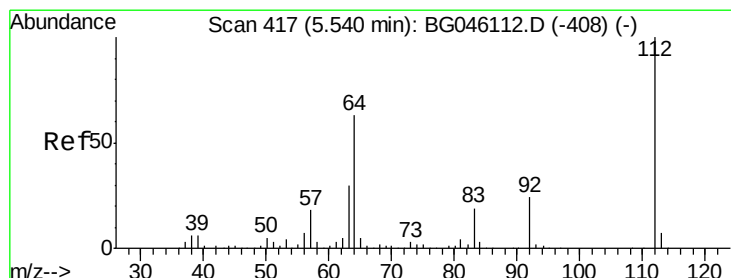
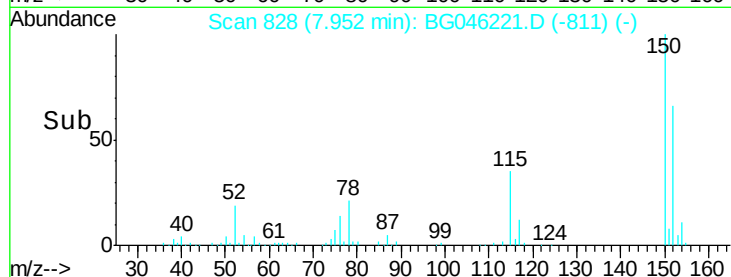
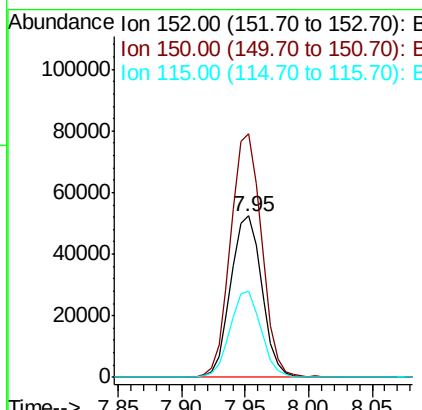
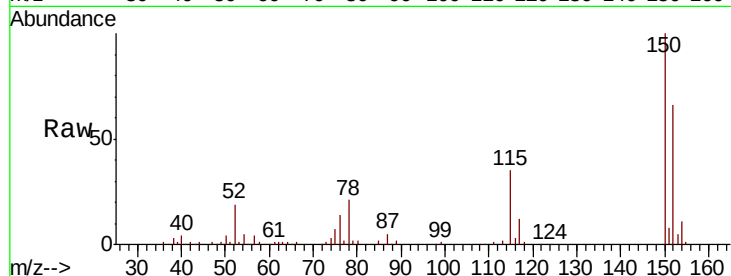




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG046221.D
 Acq: 11 Aug 2020 17:27

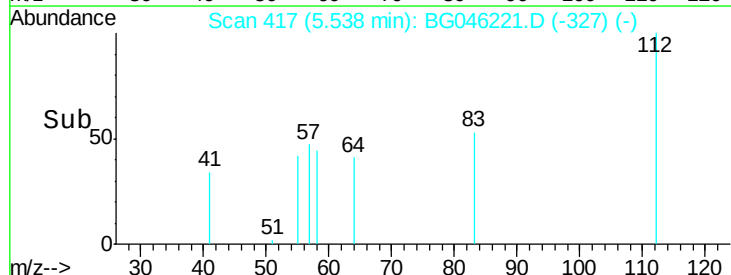
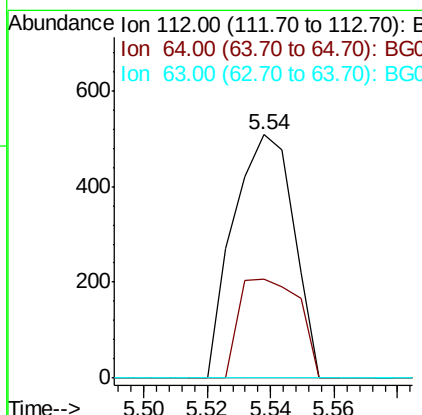
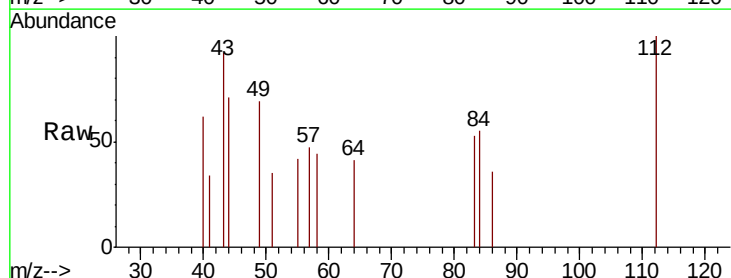
Instrument :
 BNA_G
 ClientSampleId :
 WH-CON-B

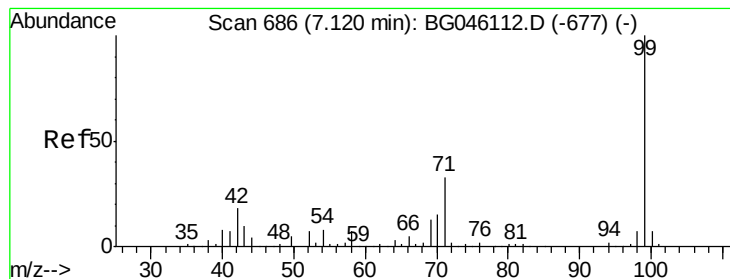
Tot Ion:152 Resp: 89249
 Ion Ratio Lower Upper
 152 100
 150 151.0 122.1 183.1
 115 53.3 43.2 64.8



#5
 2-Fluorophenol
 Concen: 0.130 ng
 RT: 5.54 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BG046221.D
 Acq: 11 Aug 2020 17:27

Tgt Ion:112 Resp: 667
 Ion Ratio Lower Upper
 112 100
 64 40.7 50.2 75.2#
 63 0.0 24.2 36.4#





#7

Phenol-d6

Concen: 0.724 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046221.D

Acq: 11 Aug 2020 17:27

Instrument :

BNA_G

ClientSampled :

WH-CON-B

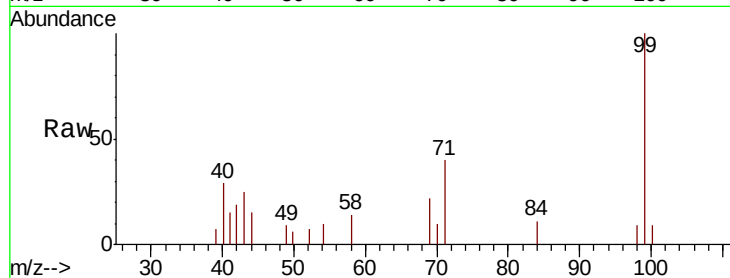
Tot Ion: 99 Resp: 5066

Ion Ratio Lower Upper

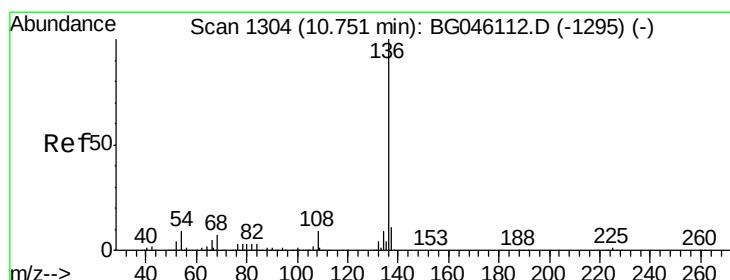
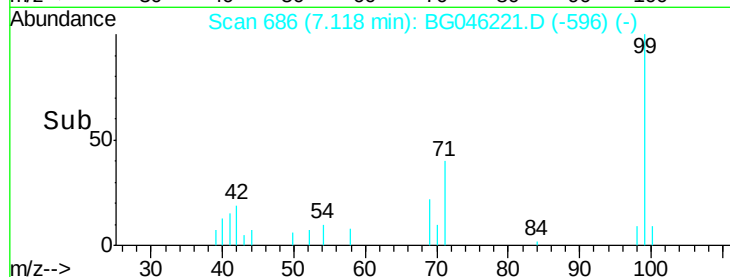
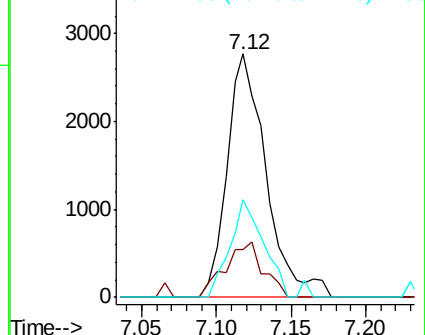
99 100

42 19.4 14.7 22.1

71 40.1 26.5 39.7#



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: 10.74 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG046221.D

Acq: 11 Aug 2020 17:27

Tgt Ion: 136 Resp: 340277

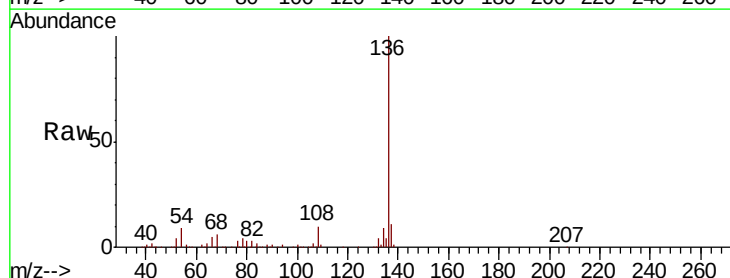
Ion Ratio Lower Upper

136 100

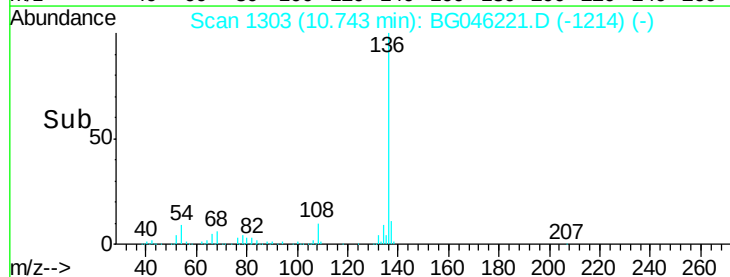
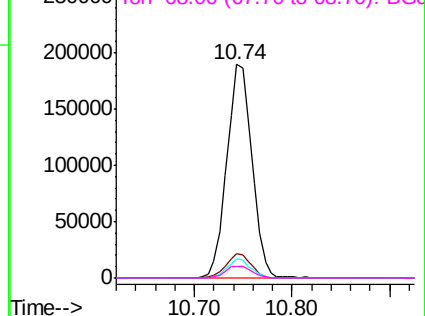
137 11.3 8.8 13.2

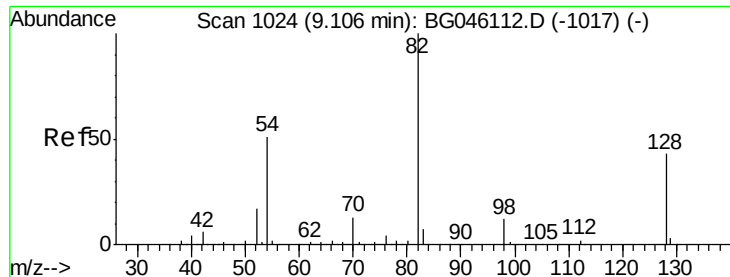
54 8.9 7.0 10.4

68 5.6 5.3 7.9



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

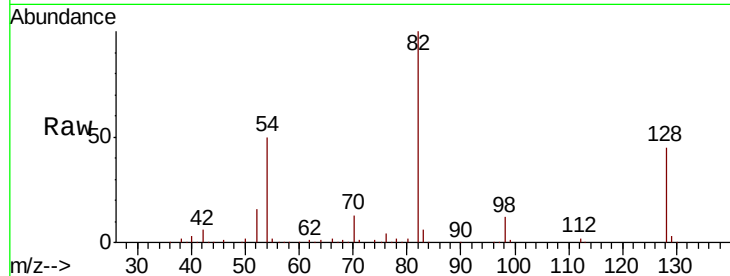




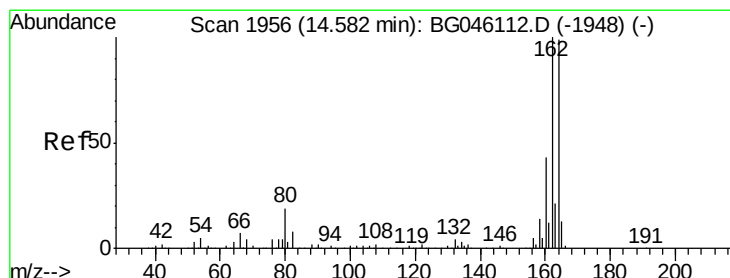
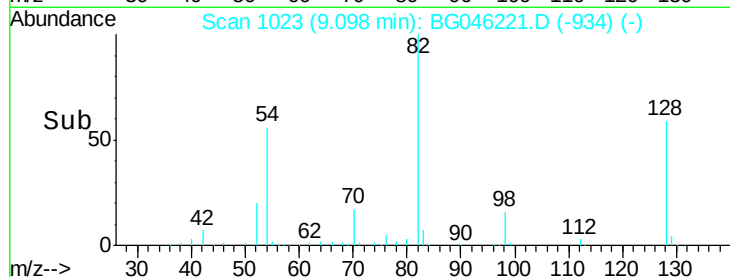
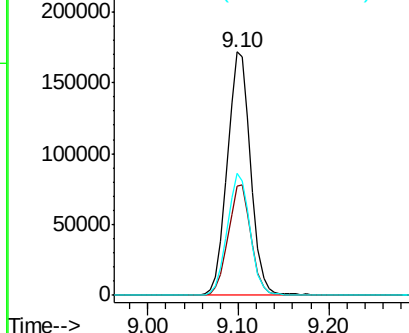
#23
Nitrobenzene-d5
Concen: 48.836 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG046221.D
Acq: 11 Aug 2020 17:27

Instrument :
BNA_G
ClientSampleId :
WH-CON-B

Tot Ion	82	Resp	306927
Ion Ratio	Lower	Upper	
82	100		
128	44.7	34.4	51.6
54	49.9	40.8	61.2

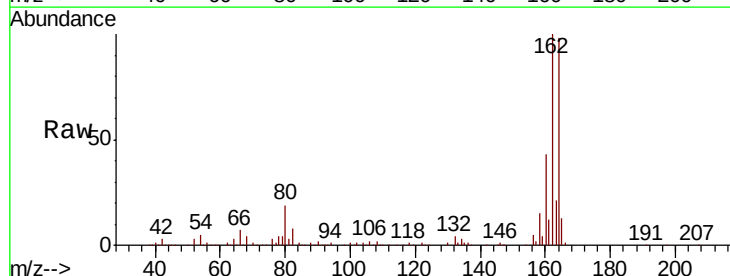


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

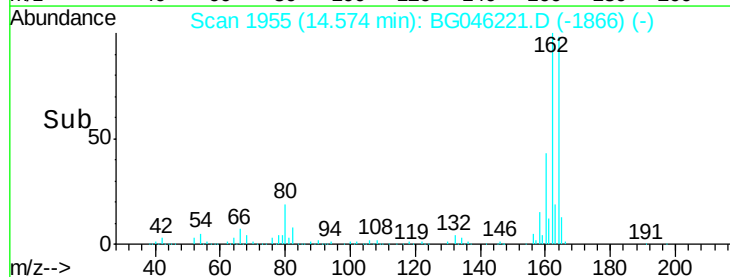
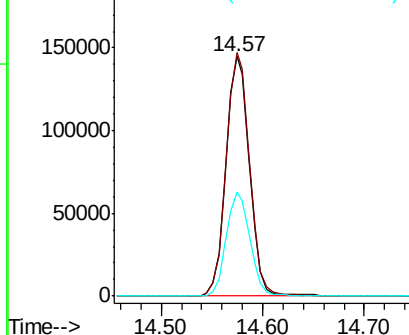


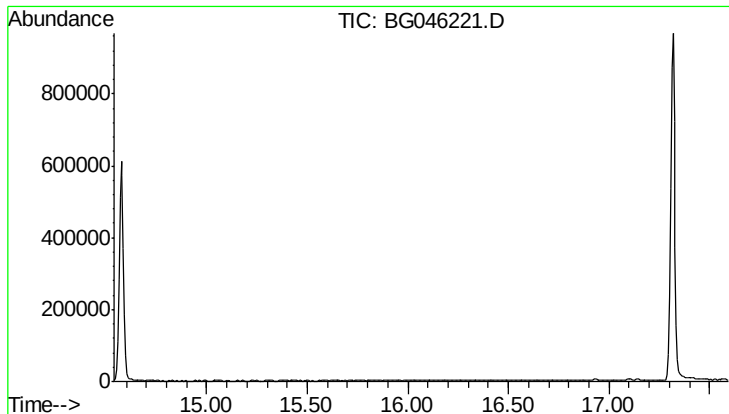
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046221.D
Acq: 11 Aug 2020 17:27

Tgt Ion	164	Resp	231717
Ion Ratio	Lower	Upper	
164	100		
162	101.8	80.6	121.0
160	43.5	34.9	52.3



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

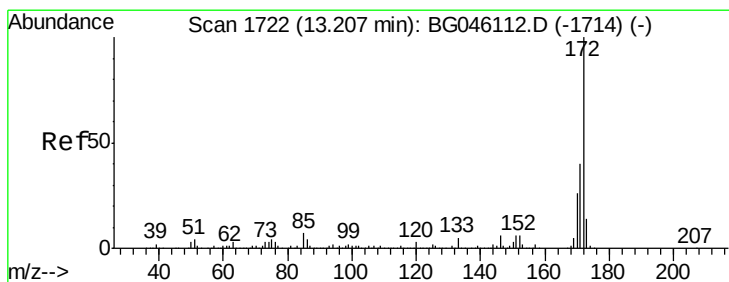
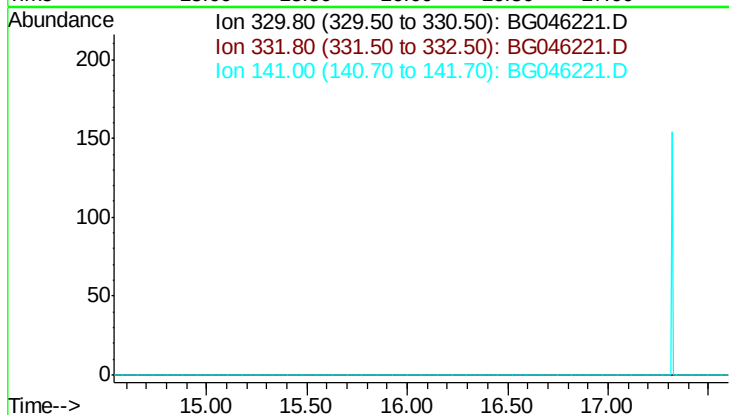




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.07 min
 Lab File: BG046221.D
 Acq: 11 Aug 2020 17:27

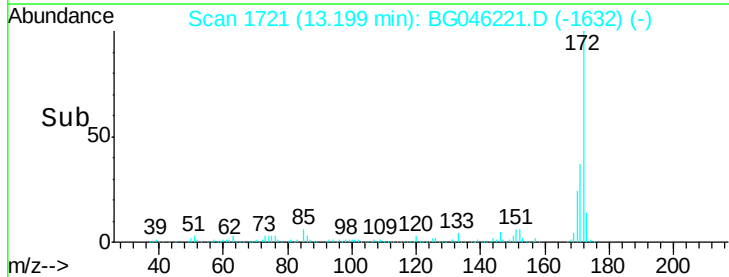
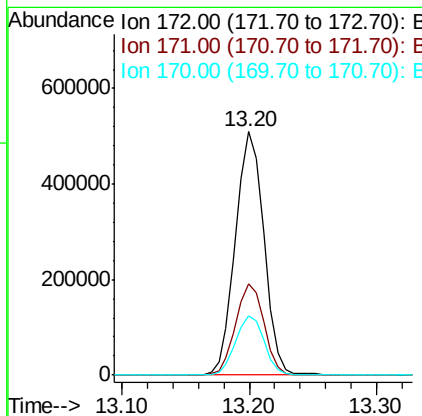
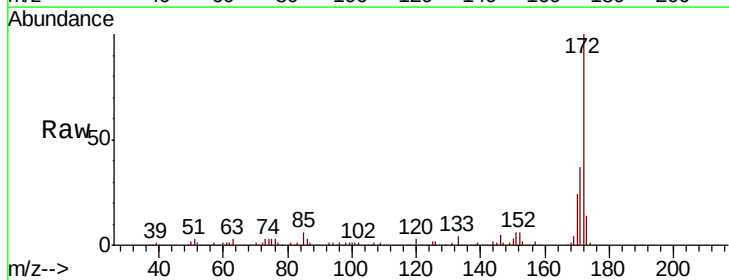
Instrument :
 BNA_G
 ClientSampleId :
 WH-CON-B

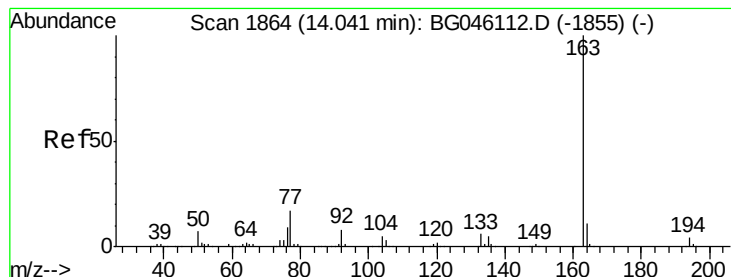
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.8
 141 29.2



#45
 2-Fluorobiphenyl
 Concen: 49.925 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG046221.D
 Acq: 11 Aug 2020 17:27

Tgt Ion: 172 Resp: 796384
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.7 47.5
 170 24.5 20.9 31.3





#50

Dimethylphthalate

Concen: 2.361 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG046221.D

Acq: 11 Aug 2020 17:27

Instrument :

BNA_G

ClientSampleId :

WH-CON-B

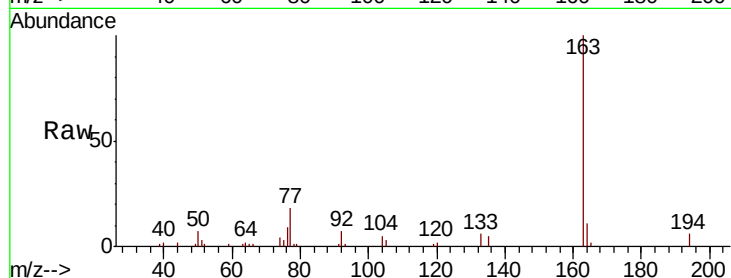
Tot Ion:163 Resp: 41986

Ion Ratio Lower Upper

163 100

194 6.2 3.5 5.3#

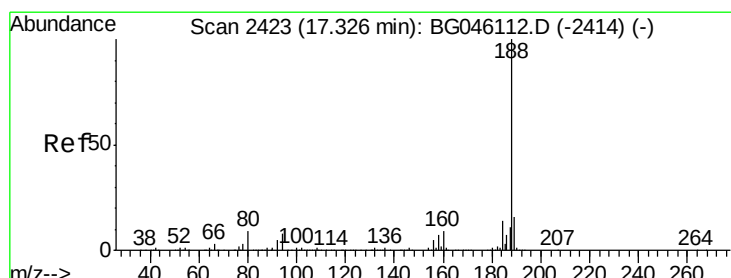
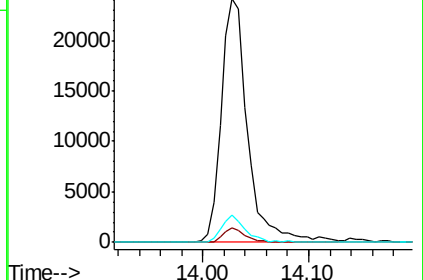
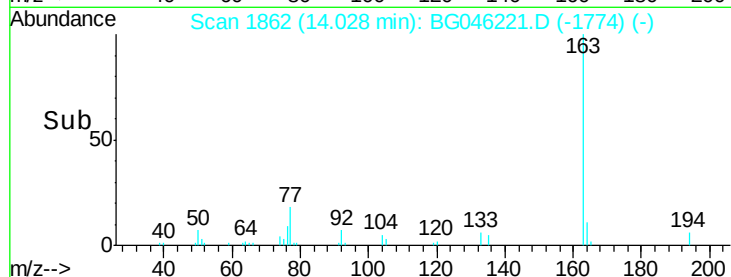
164 11.0 8.8 13.2



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: BG046221.D

Acq: 11 Aug 2020 17:27

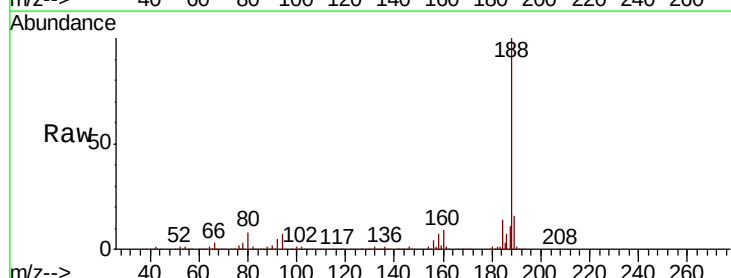
Tgt Ion:188 Resp: 618640

Ion Ratio Lower Upper

188 100

94 7.4 6.4 9.6

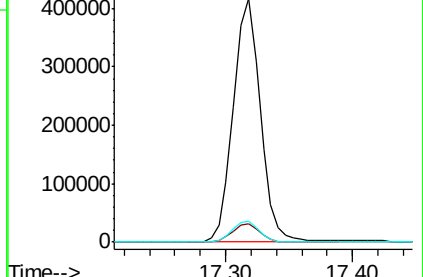
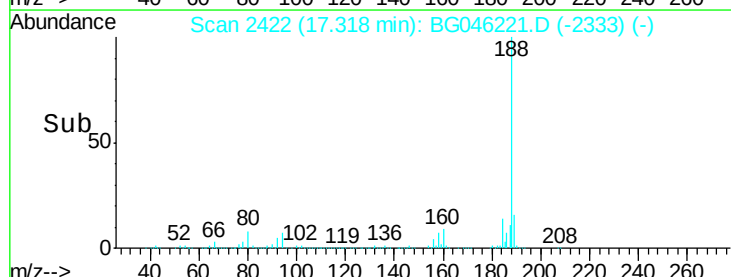
80 8.5 7.4 11.0

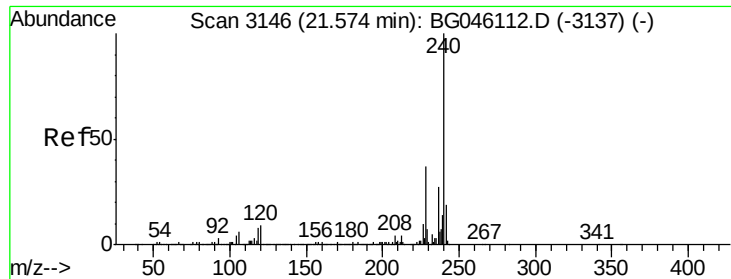


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG046221.D

Acq: 11 Aug 2020 17:27

Instrument :

BNA_G

ClientSampleId :

WH-CON-B

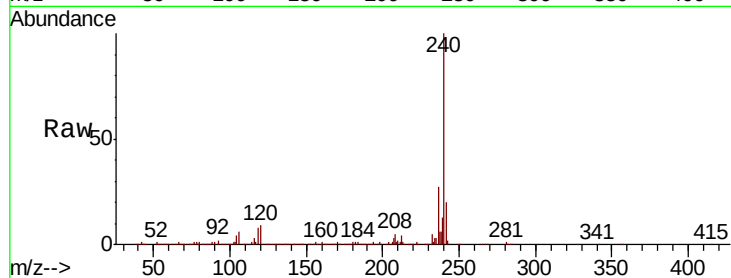
Tot Ion:240 Resp: 676984

Ion Ratio Lower Upper

240 100

120 8.7 7.1 10.7

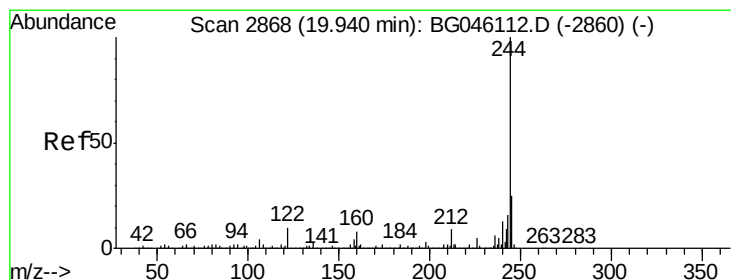
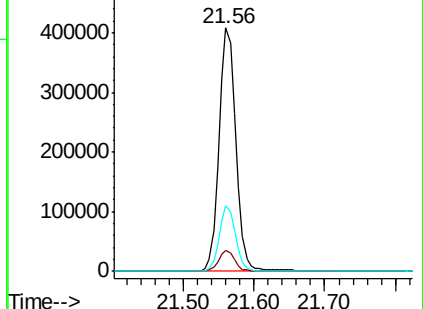
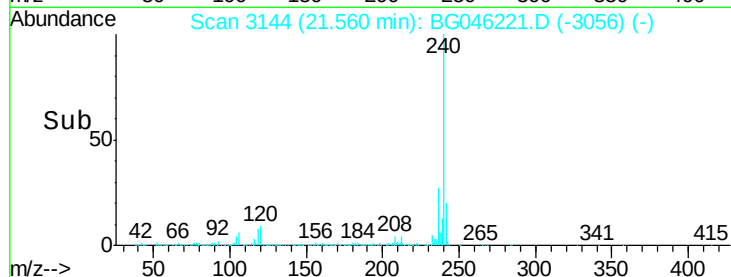
236 27.2 21.7 32.5



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: 46.742 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046221.D

Acq: 11 Aug 2020 17:27

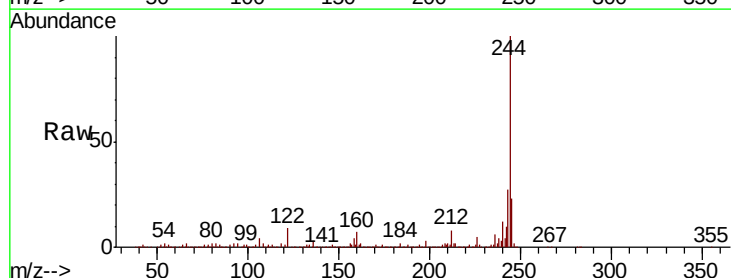
Tgt Ion:244 Resp: 1553732

Ion Ratio Lower Upper

244 100

212 8.2 7.2 10.8

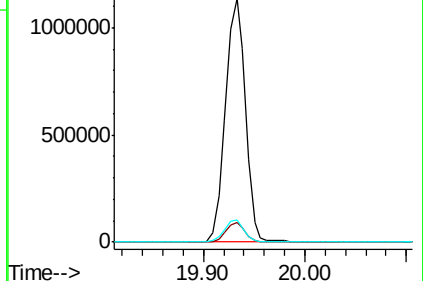
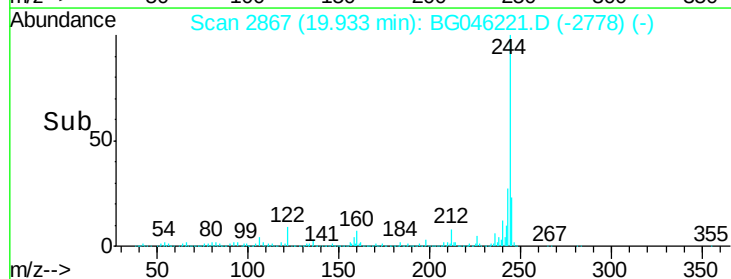
122 9.3 8.3 12.5

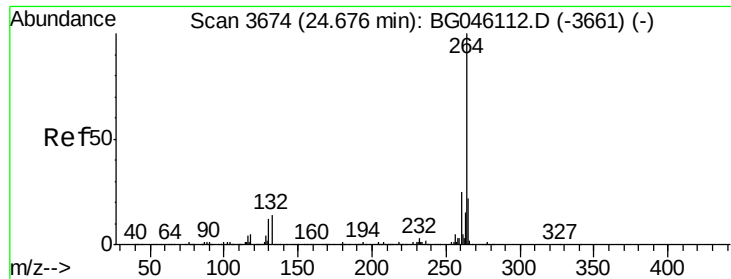


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.67 min Scan# 3673
 Delta R.T. -0.01 min
 Lab File: BG046221.D
 Acq: 11 Aug 2020 17:27

Instrument :
 BNA_G
 ClientSampleId :
 WH-CON-B

Tot Ion:	264	Resp:	704644
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.9	17.6	26.4

