

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
 Data File : BG046600.D
 Acq On : 11 Sep 2020 17:26
 Operator : CG/JU
 Sample : L3976-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BSY-WC-WATER-DRUM

Quant Time: Sep 11 18:40:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

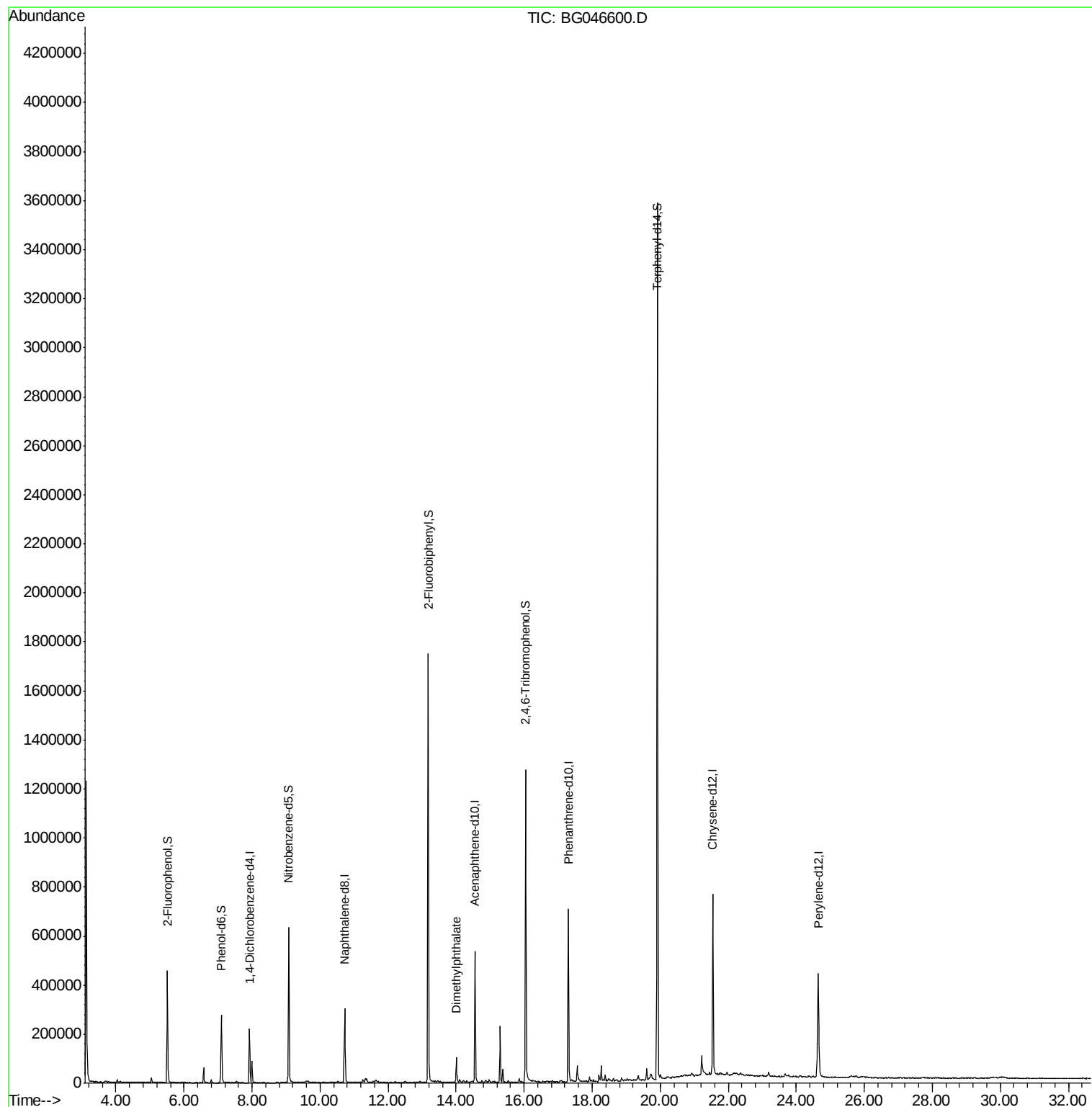
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73054	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	285607	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	199696	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	476533	20.00	ng	0.00
76) Chrysene-d12	21.55	240	472599	20.00	ng	0.00
86) Perylene-d12	24.64	264	469524	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	218596	53.00	ng	0.00
7) Phenol-d6	7.10	99	186124	31.83	ng	0.00
23) Nitrobenzene-d5	9.08	82	398323	79.71	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	285463	105.50	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1029163	78.67	ng	0.00
79) Terphenyl-d14	19.91	244	1570354	70.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	80658	5.221	ng	Qvalue 100

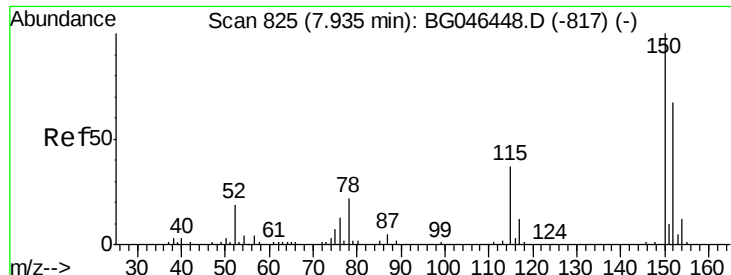
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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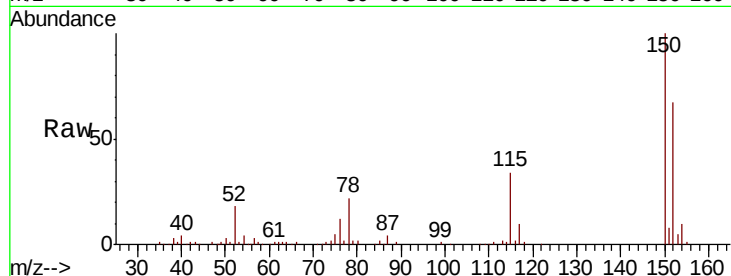


#1

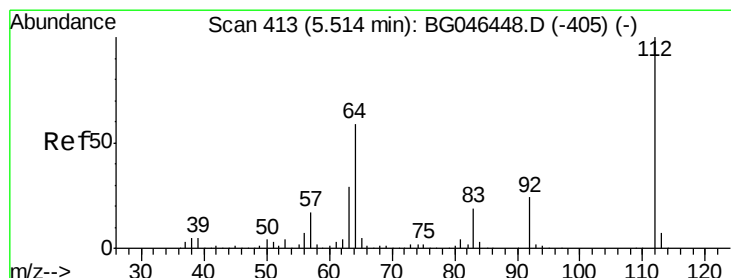
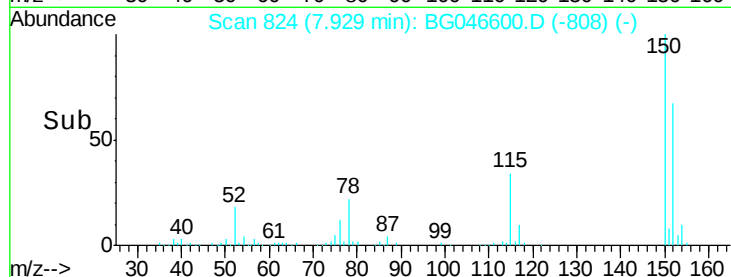
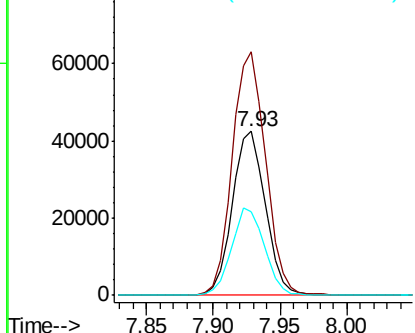
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046600.D
Acq: 11 Sep 2020 17:26

Instrument :
BNA_G
ClientSampleId :
BSY-WC-WATER-DRUM

Tot Ion:152 Resp: 73054
Ion Ratio Lower Upper
152 100
150 148.5 119.5 179.3
115 51.2 44.3 66.5



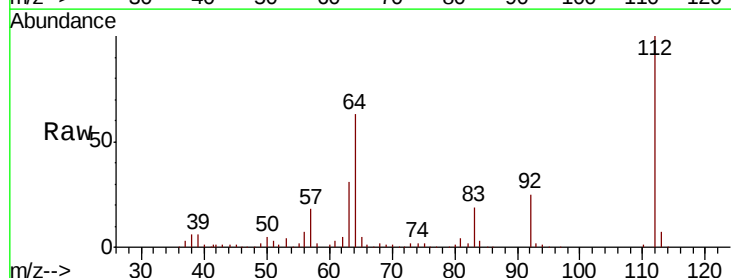
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



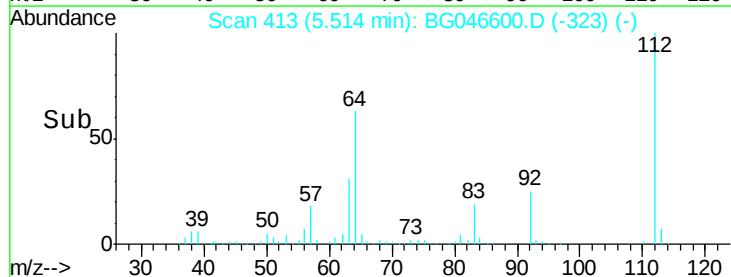
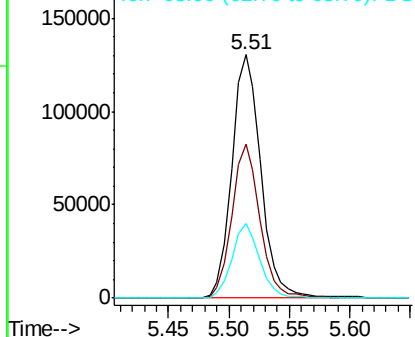
#5

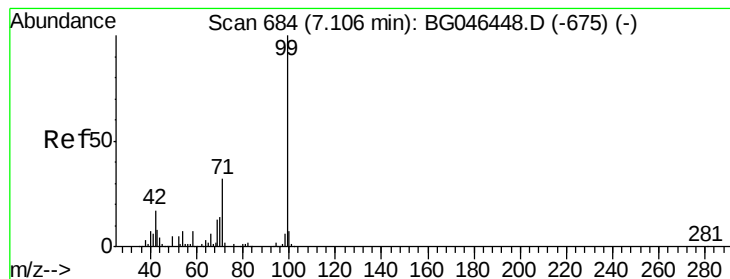
2-Fluorophenol
Concen: 52.998 ng
RT: 5.51 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG046600.D
Acq: 11 Sep 2020 17:26

Tgt Ion:112 Resp: 218596
Ion Ratio Lower Upper
112 100
64 63.2 47.0 70.6
63 30.8 23.5 35.3



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: 31.832 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046600.D

Acq: 11 Sep 2020 17:26

Instrument :

BNA_G

ClientSampleId :

BSY-WC-WATER-DRUM

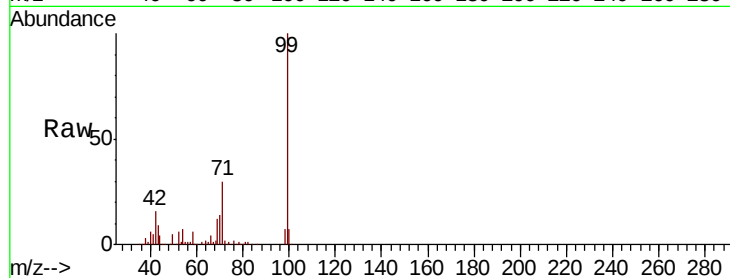
Tot Ion: 99 Resp: 186124

Ion Ratio Lower Upper

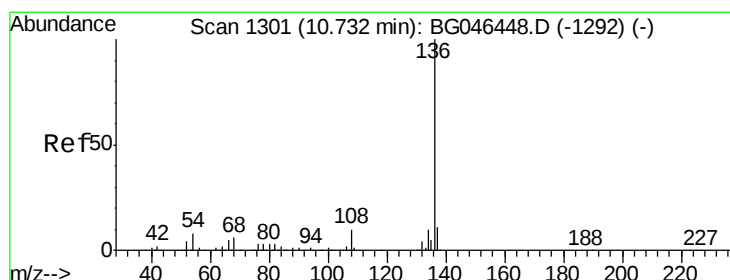
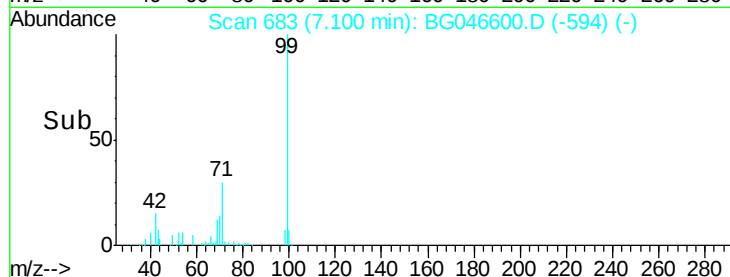
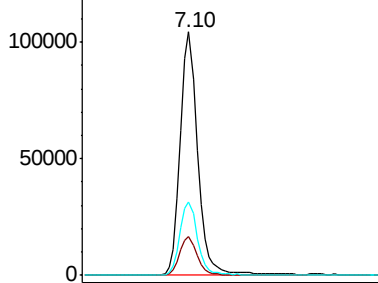
99 100

42 16.1 13.3 19.9

71 30.1 25.3 37.9



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: 10.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG046600.D

Acq: 11 Sep 2020 17:26

Tgt Ion: 136 Resp: 285607

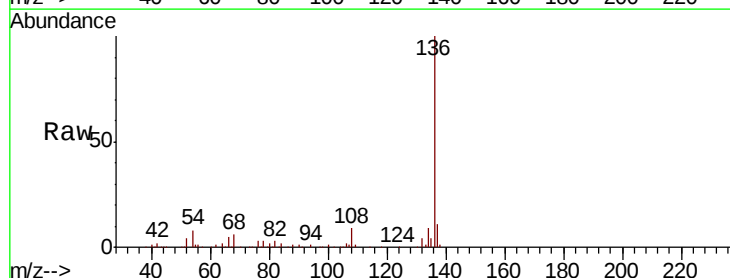
Ion Ratio Lower Upper

136 100

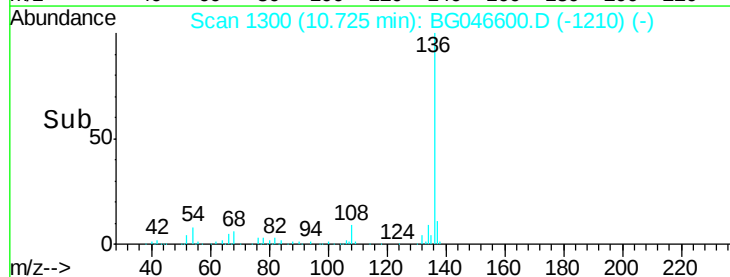
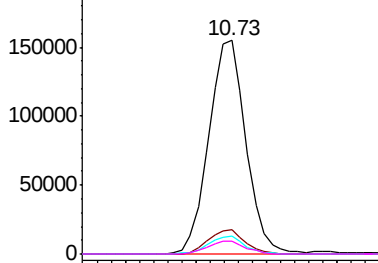
137 11.1 8.8 13.2

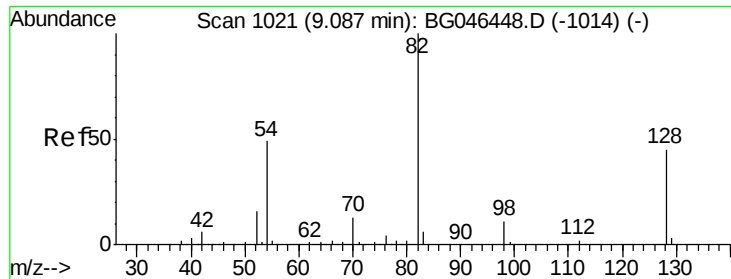
54 8.3 6.1 9.1

68 5.8 4.8 7.2



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

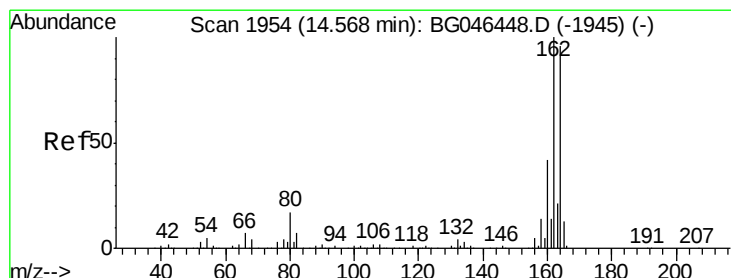
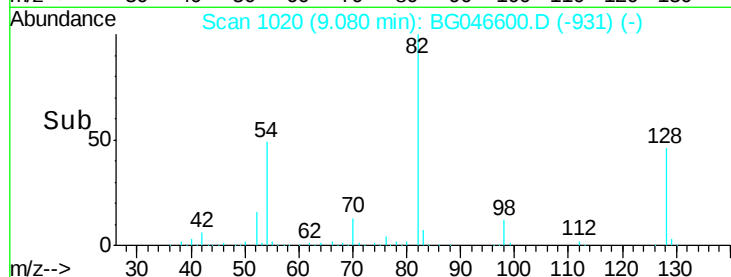
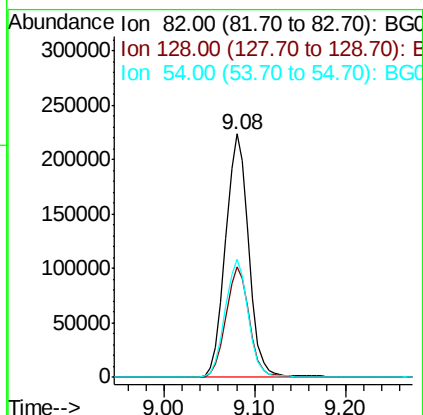
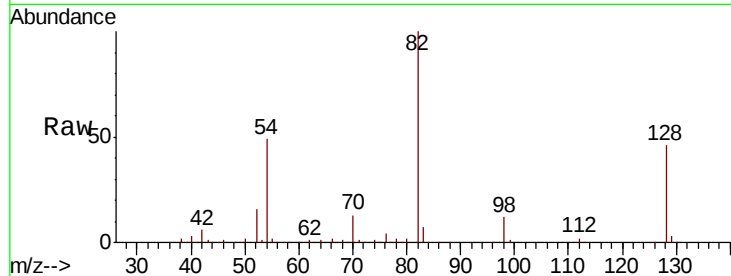




#23
Nitrobenzene-d5
Concen: 79.712 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046600.D
Acq: 11 Sep 2020 17:26

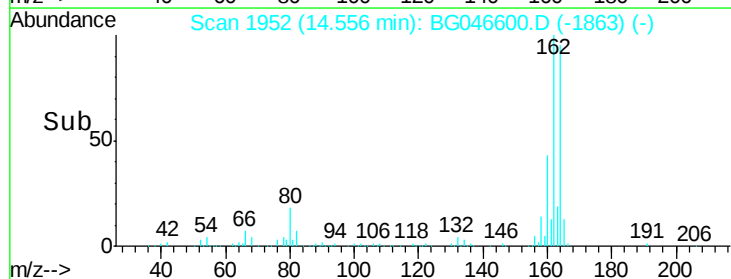
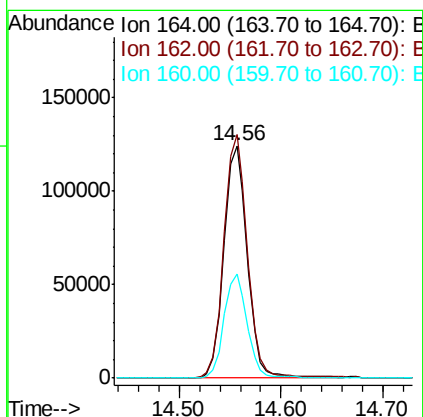
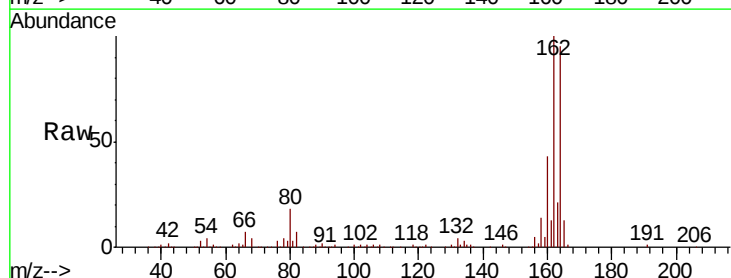
Instrument :
BNA_G
ClientSampleId :
BSY-WC-WATER-DRUM

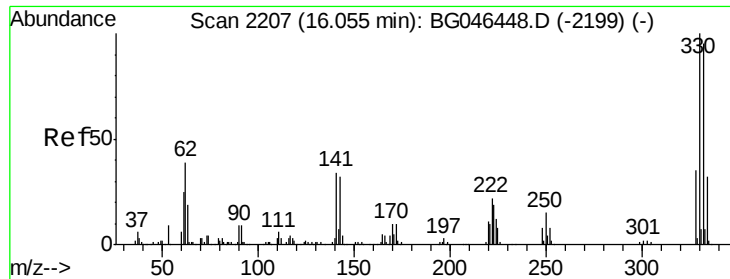
Tot Ion: 82 Resp: 398323
Ion Ratio Lower Upper
82 100
128 45.6 35.7 53.5
54 48.8 39.4 59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG046600.D
Acq: 11 Sep 2020 17:26

Tgt Ion: 164 Resp: 199696
Ion Ratio Lower Upper
164 100
162 104.9 83.3 124.9
160 45.1 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 105.503 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046600.D

Acq: 11 Sep 2020 17:26

Instrument :

BNA_G

ClientSampleId :

BSY-WC-WATER-DRUM

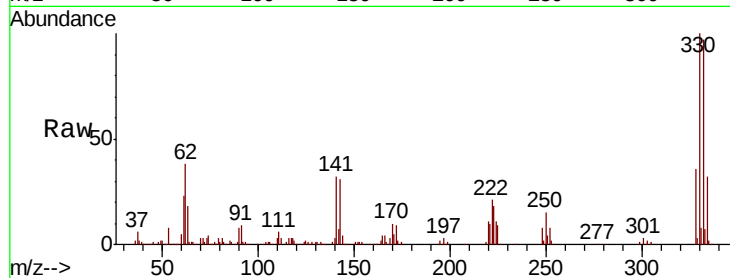
Tot Ion:330 Resp: 285463

Ion Ratio Lower Upper

330 100

332 97.1 76.1 114.1

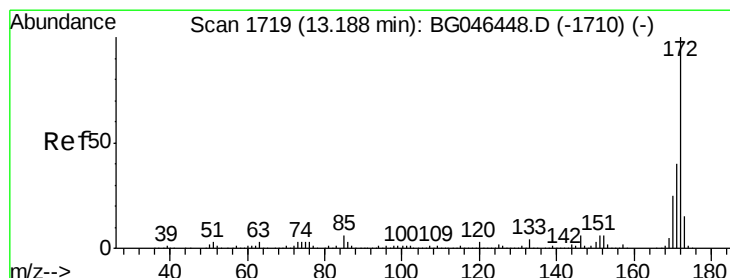
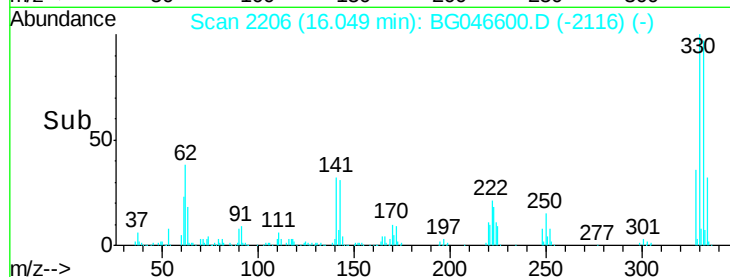
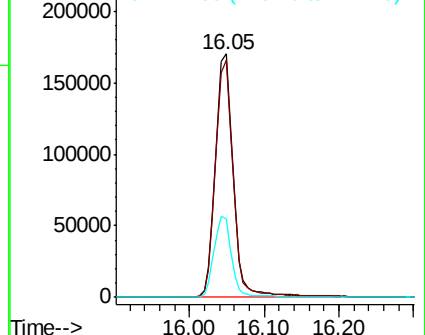
141 33.3 26.1 39.1



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: 78.674 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BG046600.D

Acq: 11 Sep 2020 17:26

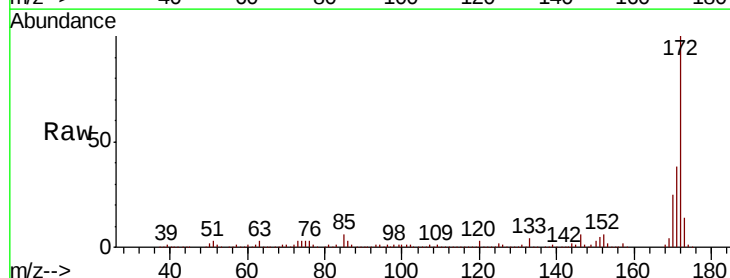
Tgt Ion:172 Resp: 1029163

Ion Ratio Lower Upper

172 100

171 38.0 31.8 47.6

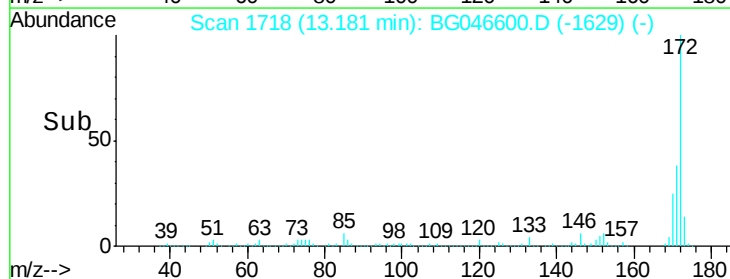
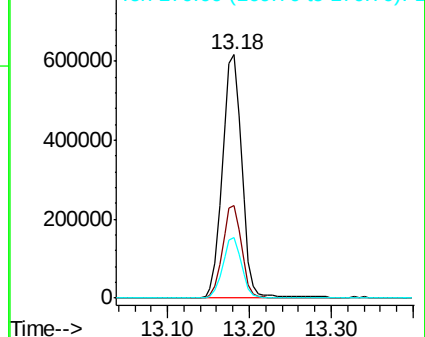
170 24.8 20.3 30.5

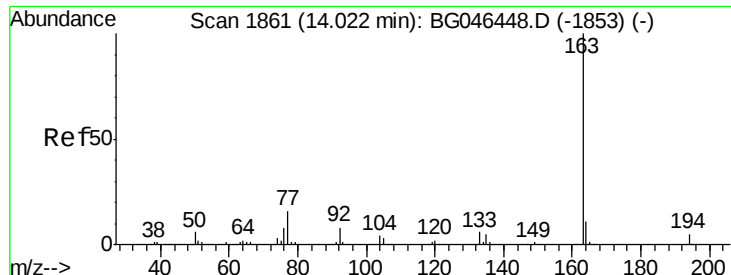


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.221 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG046600.D

Acq: 11 Sep 2020 17:26

Instrument :

BNA_G

ClientSampleId :

BSY-WC-WATER-DRUM

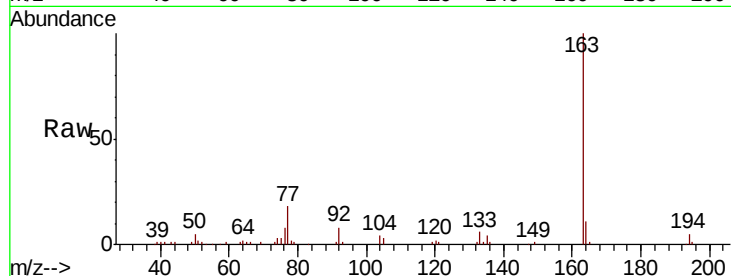
Tot Ion:163 Resp: 80658

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

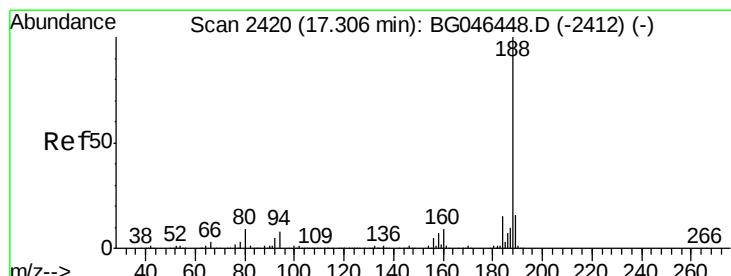
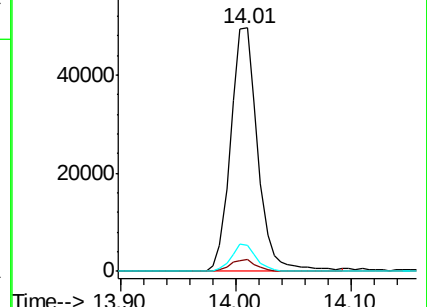
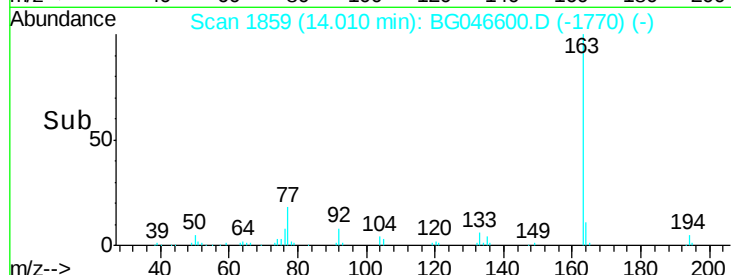
164 10.6 8.6 12.8



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: 17.30 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG046600.D

Acq: 11 Sep 2020 17:26

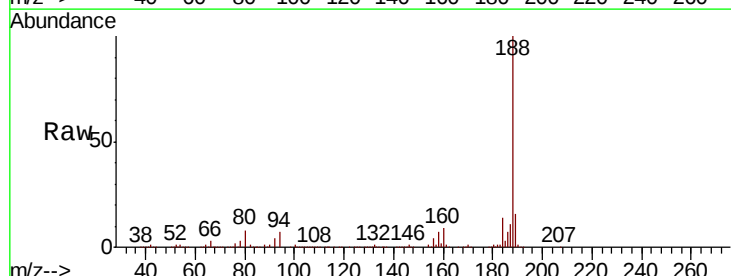
Tgt Ion:188 Resp: 476533

Ion Ratio Lower Upper

188 100

94 7.4 6.3 9.5

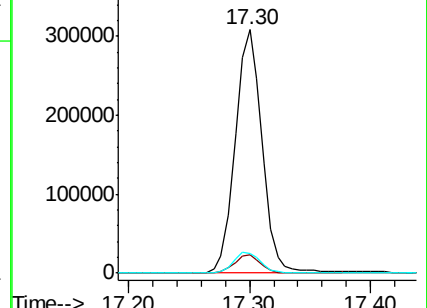
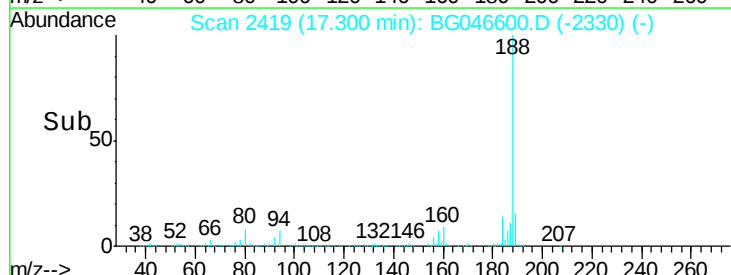
80 8.3 6.9 10.3

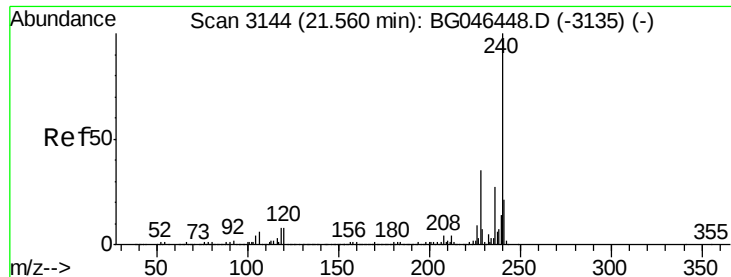


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

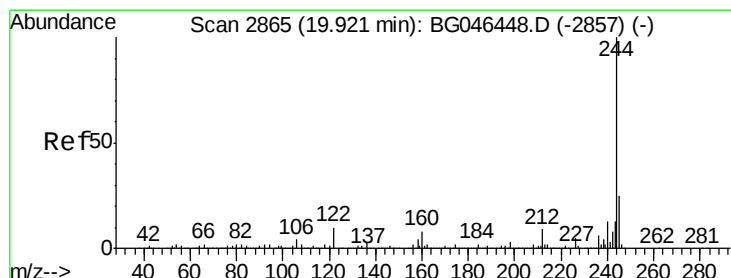
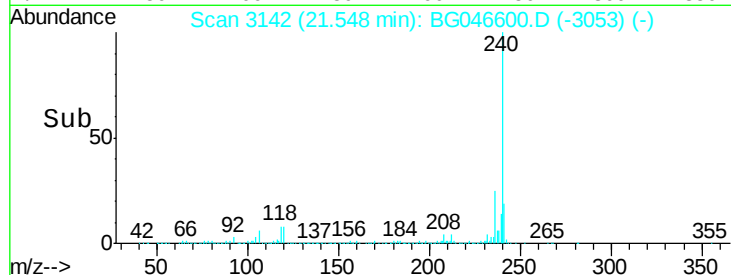
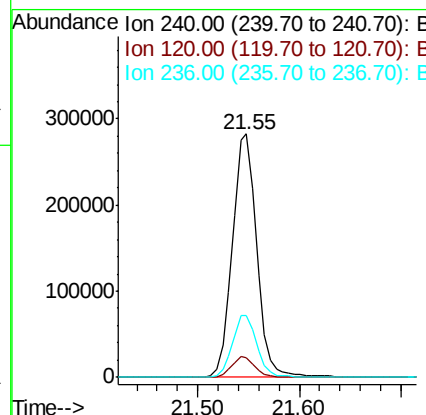
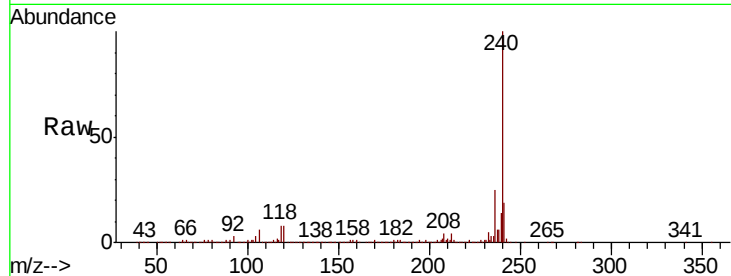




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046600.D
Acq: 11 Sep 2020 17:26

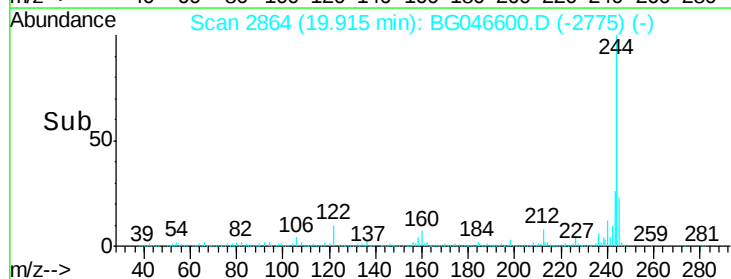
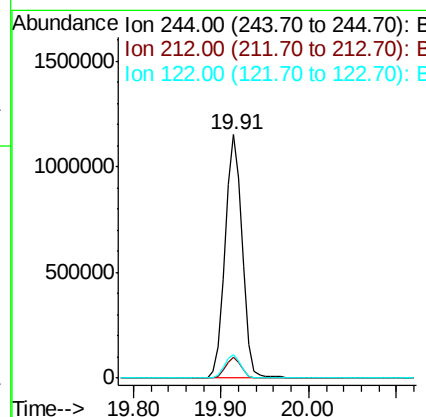
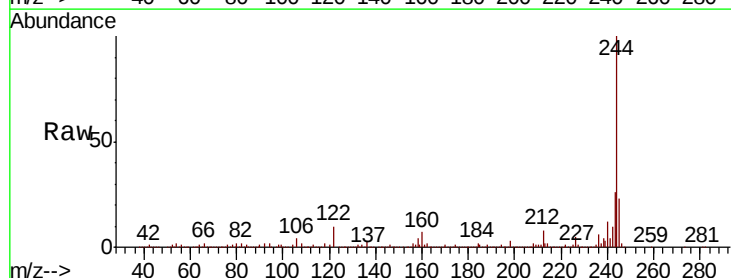
Instrument :
BNA_G
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BSY-WC-WATER-DRUM

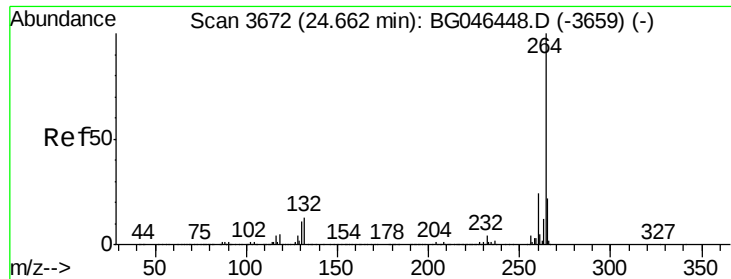
Tot Ion:240 Resp: 472599
Ion Ratio Lower Upper
240 100
120 8.1 6.6 10.0
236 25.3 21.4 32.2



#79
Terphenyl-d14
Concen: 70.715 ng
RT: 19.91 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BG046600.D
Acq: 11 Sep 2020 17:26

Tgt Ion:244 Resp: 1570354
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 9.7 8.2 12.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG046600.D
Acq: 11 Sep 2020 17:26

Instrument :
BNA_G
ClientSampleId :
BSY-WC-WATER-DRUM

Tot Ion:	264	Resp:	469524
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.5	17.9	26.9

