

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
 Data File : BG046601.D
 Acq On : 11 Sep 2020 18:06
 Operator : CG/JU
 Sample : L3975-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BSY-SB-0102-0-1

Quant Time: Sep 11 18:43:24 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

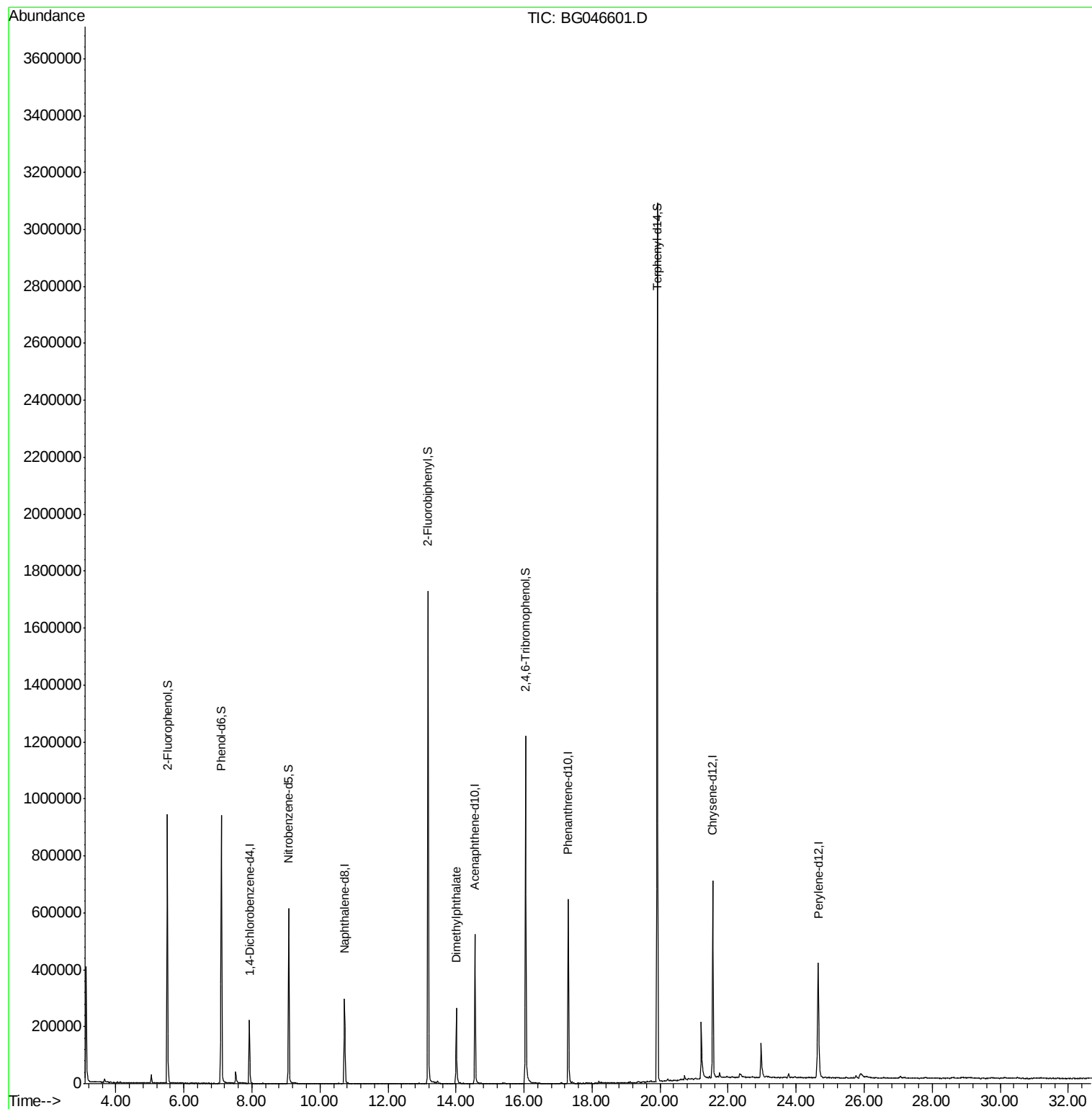
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	69646	20.00	ng	-0.01
21) Naphthalene-d8	10.72	136	287116	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	197517	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	463352	20.00	ng	-0.01
76) Chrysene-d12	21.54	240	462569	20.00	ng	-0.01
86) Perylene-d12	24.65	264	451919	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	454297	115.53	ng	0.00
7) Phenol-d6	7.10	99	603714	108.30	ng	0.00
23) Nitrobenzene-d5	9.08	82	397390	79.11	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	277528	103.70	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1014996	78.45	ng	-0.01
79) Terphenyl-d14	19.92	244	1449595	66.69	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	229328	15.007	ng	Qvalue 99

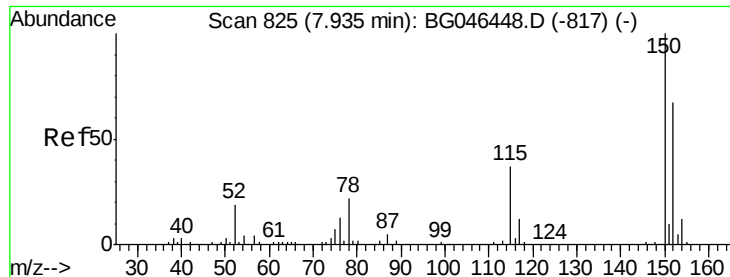
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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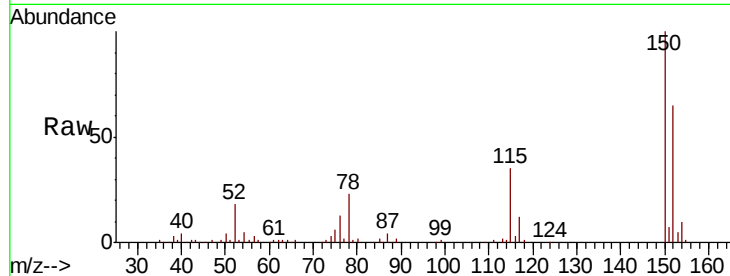


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046601.D
 Acq: 11 Sep 2020 18:06

Instrument :
 BNA_G
 ClientSampleId :
 BSY-SB-0102-0-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	119.5	179.3
115	54.1	44.3	66.5

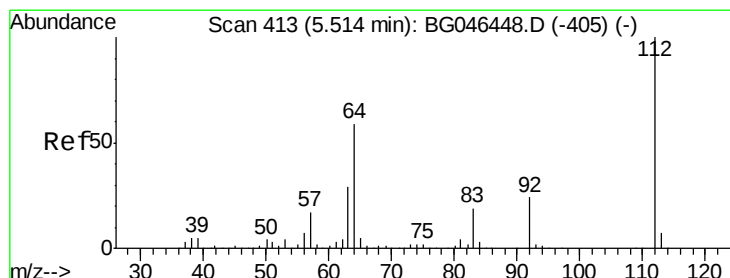
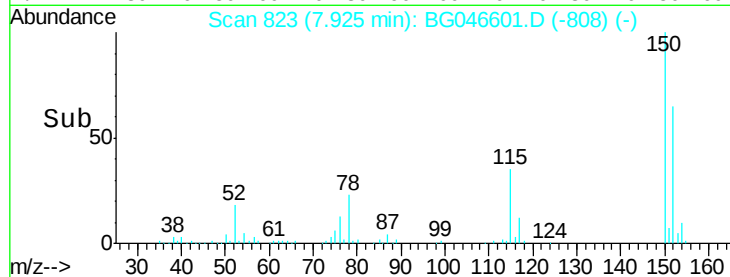
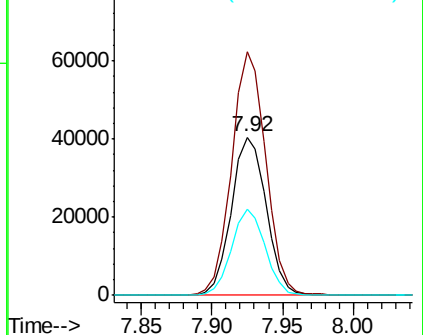


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

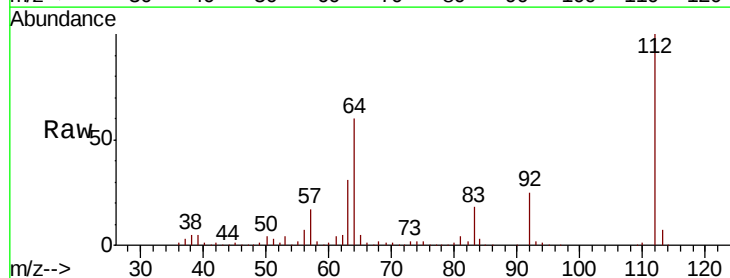
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 115.533 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046601.D
 Acq: 11 Sep 2020 18:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.0	70.6
63	30.7	23.5	35.3

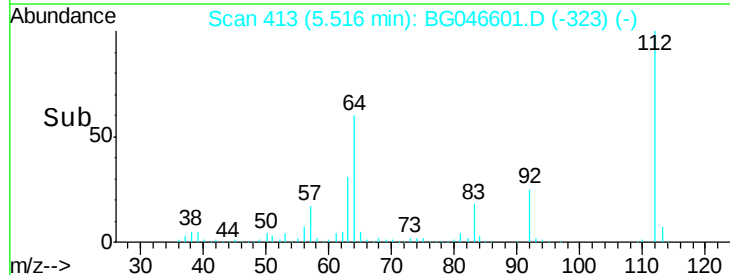
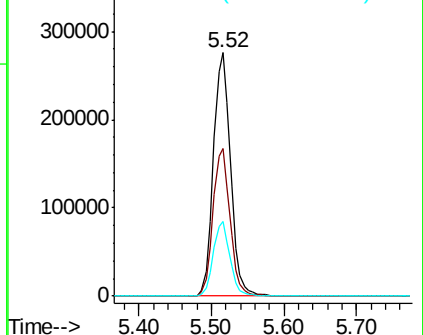


Abundance

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: 108.304 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046601.D

Acq: 11 Sep 2020 18:06

Instrument :

BNA_G

ClientSampleId :

BSY-SB-0102-0-1

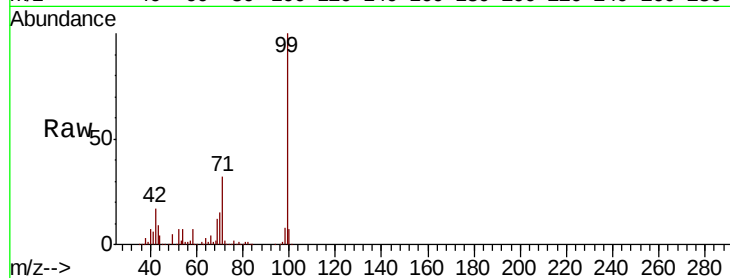
Tot Ion: 99 Resp: 603714

Ion Ratio Lower Upper

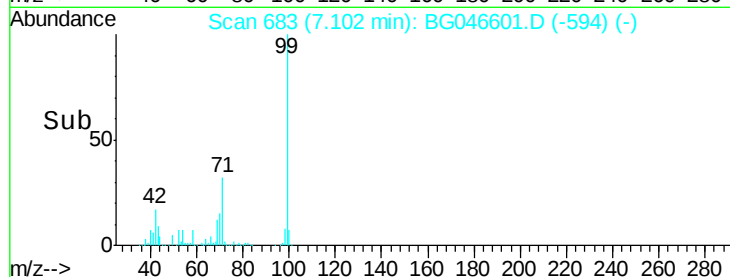
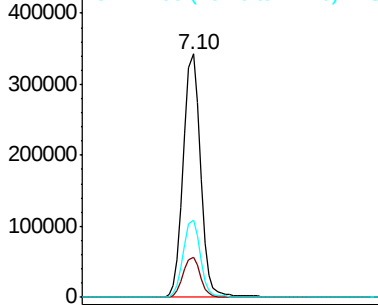
99 100

42 16.6 13.3 19.9

71 31.8 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: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG046601.D

Acq: 11 Sep 2020 18:06

Tgt Ion: 136 Resp: 287116

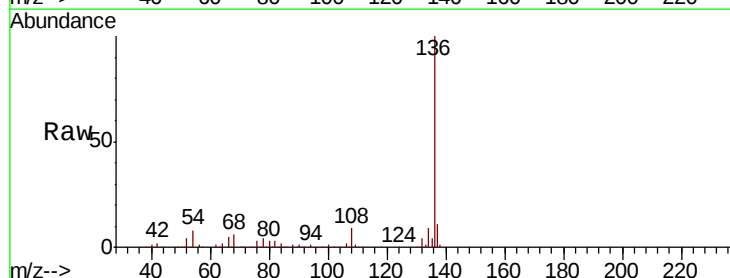
Ion Ratio Lower Upper

136 100

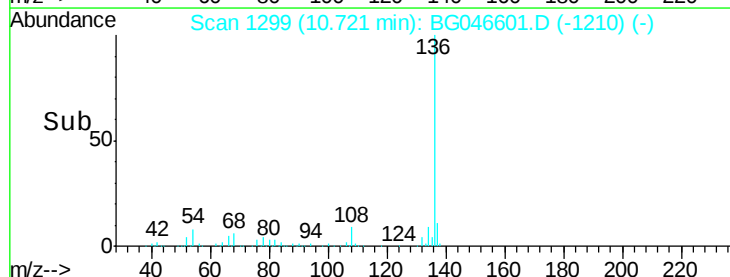
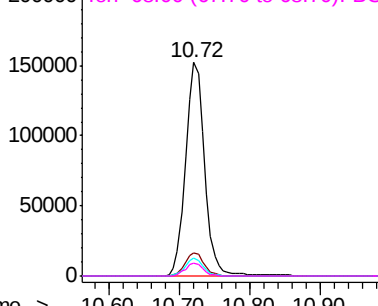
137 10.9 8.8 13.2

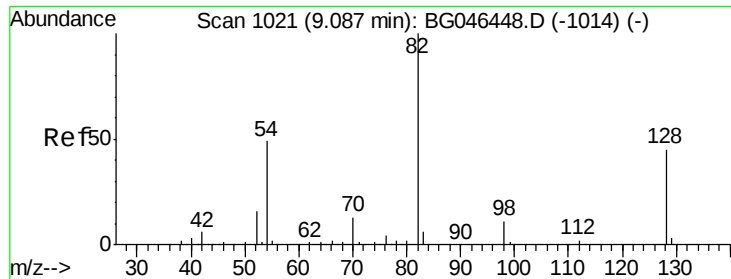
54 8.4 6.1 9.1

68 6.1 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

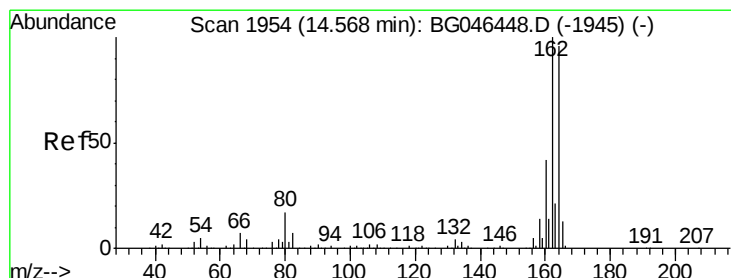
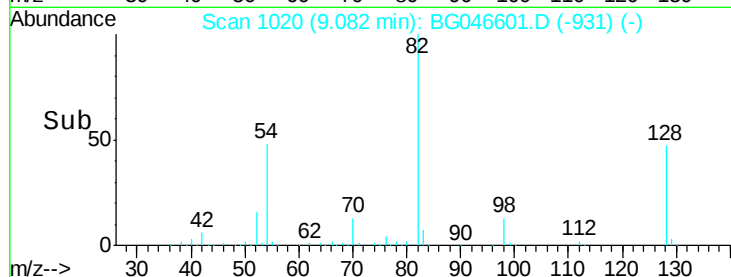
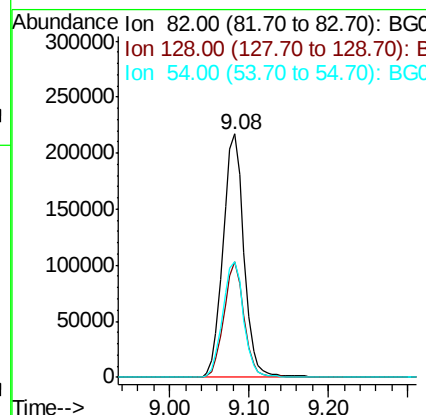
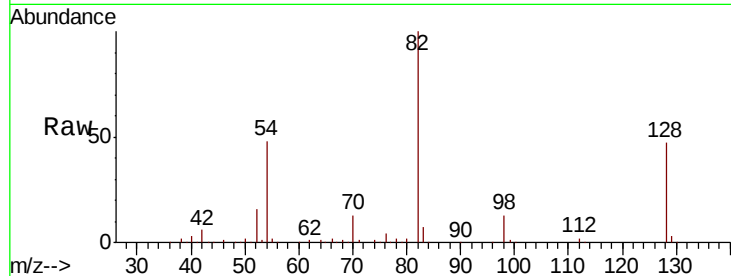




#23
Nitrobenzene-d5
Concen: 79.107 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046601.D
Acq: 11 Sep 2020 18:06

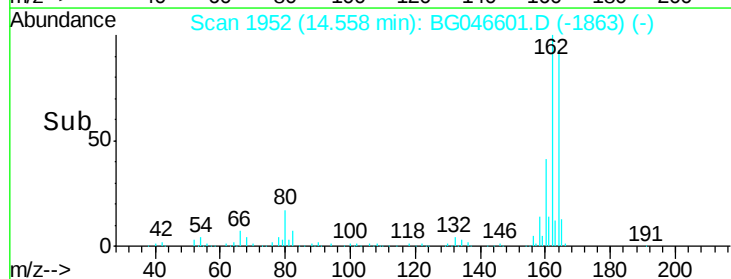
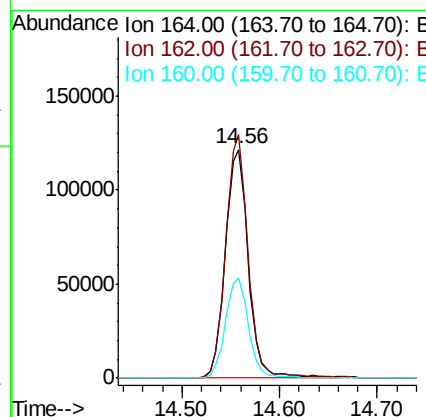
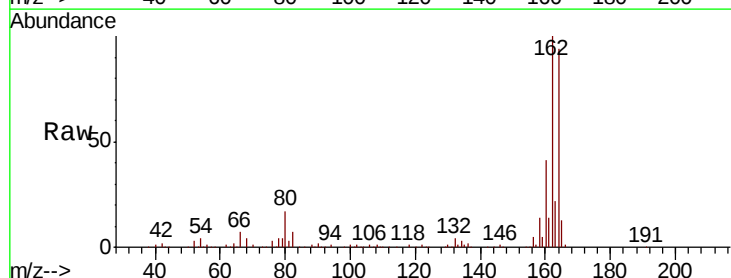
Instrument :
BNA_G
ClientSampleId :
BSY-SB-0102-0-1

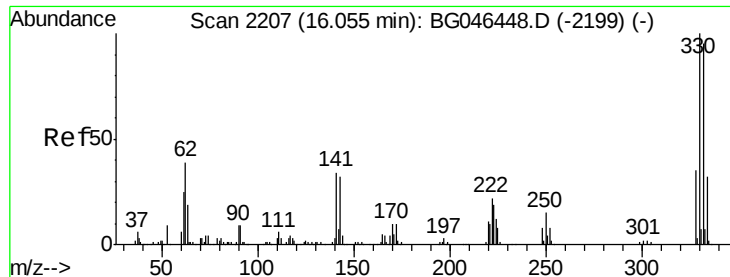
Tot Ion	82	Resp	397390
Ion Ratio	Lower	Upper	
82	100		
128	47.3	35.7	53.5
54	47.7	39.4	59.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046601.D
Acq: 11 Sep 2020 18:06

Tgt Ion	164	Resp	197517
Ion Ratio	Lower	Upper	
164	100		
162	106.5	83.3	124.9
160	43.9	35.0	52.6

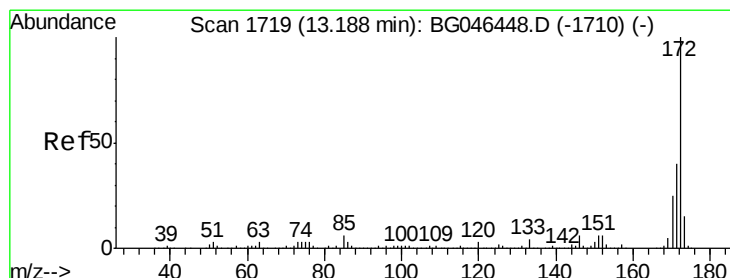
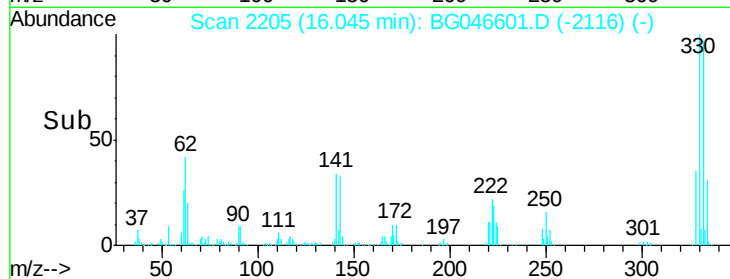
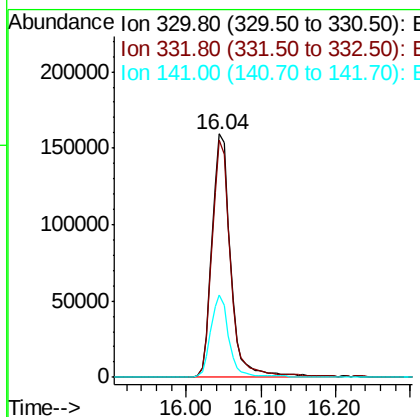
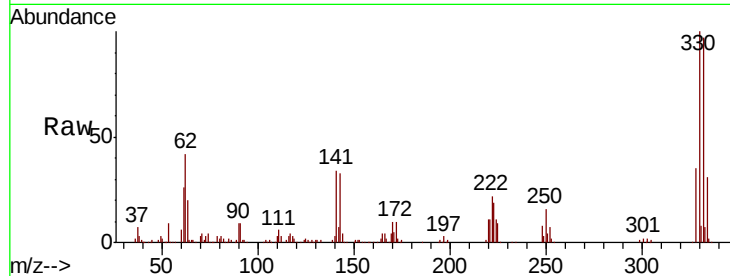




#42
 2,4,6-Tribromophenol
 Concen: 103.702 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG046601.D
 Acq: 11 Sep 2020 18:06

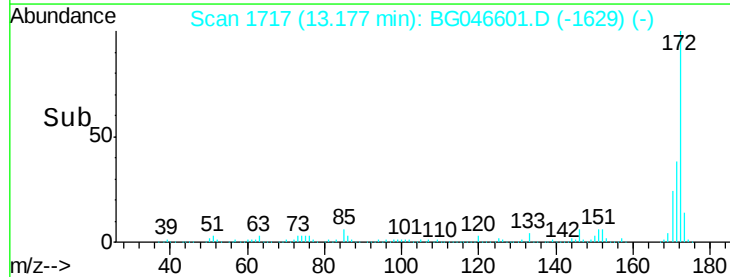
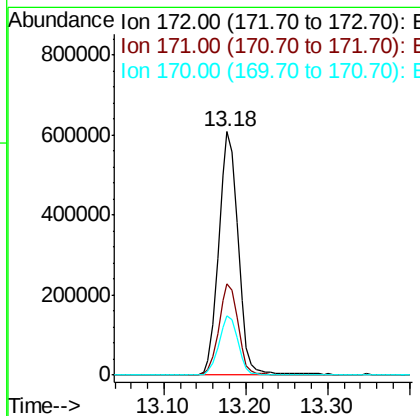
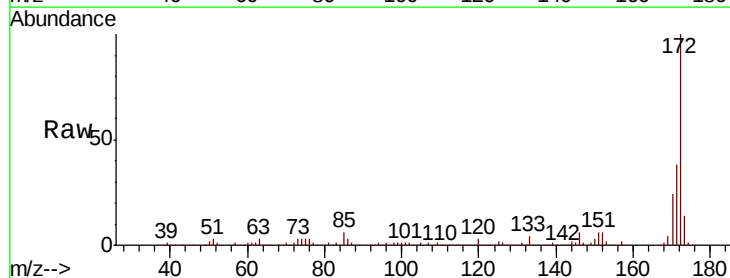
Instrument :
 BNA_G
 ClientSampleId :
 BSY-SB-0102-0-1

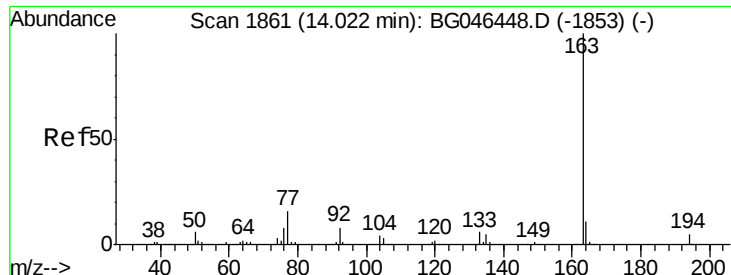
Tot Ion:330 Resp: 277528
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.1 114.1
 141 33.5 26.1 39.1



#45
 2-Fluorobiphenyl
 Concen: 78.447 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG046601.D
 Acq: 11 Sep 2020 18:06

Tgt Ion:172 Resp: 1014996
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.8 47.6
 170 24.5 20.3 30.5





#50

Dimethylphthalate

Concen: 15.007 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG046601.D

Acq: 11 Sep 2020 18:06

Instrument :

BNA_G

ClientSampleId :

BSY-SB-0102-0-1

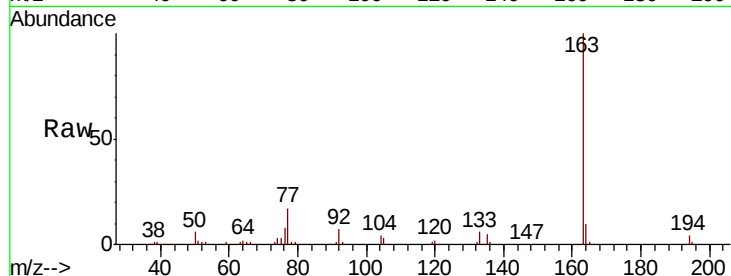
Tot Ion:163 Resp: 229328

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

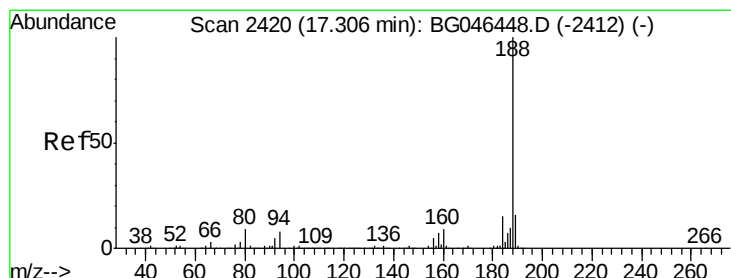
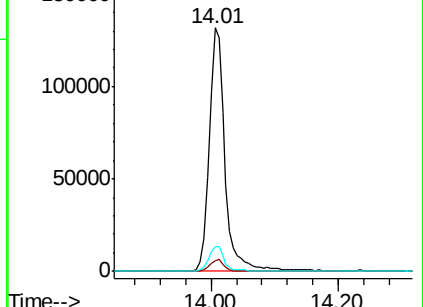
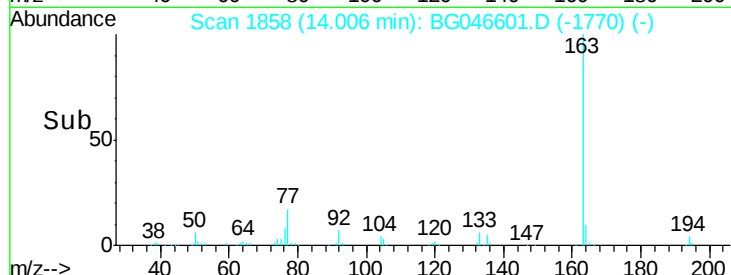
164 10.4 8.6 12.8



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# 2418

Delta R.T. -0.01 min

Lab File: BG046601.D

Acq: 11 Sep 2020 18:06

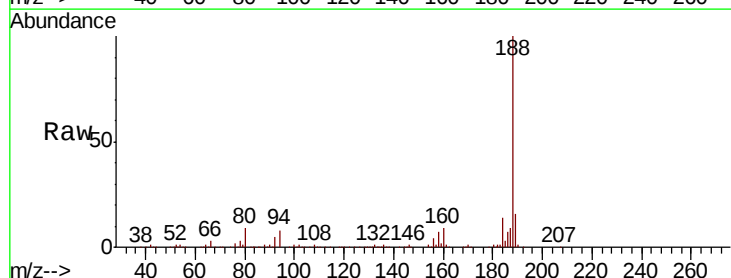
Tgt Ion:188 Resp: 463352

Ion Ratio Lower Upper

188 100

94 7.5 6.3 9.5

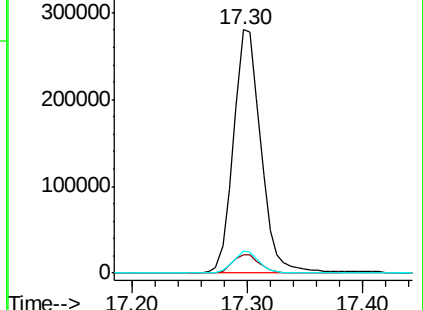
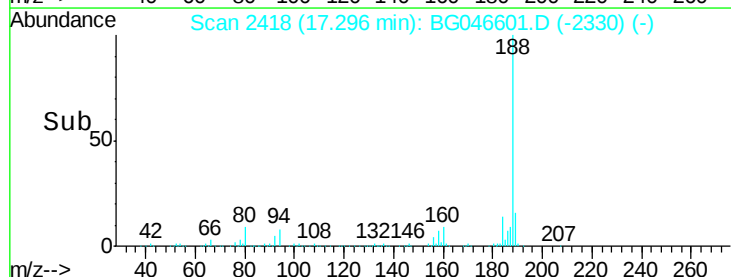
80 9.2 6.9 10.3

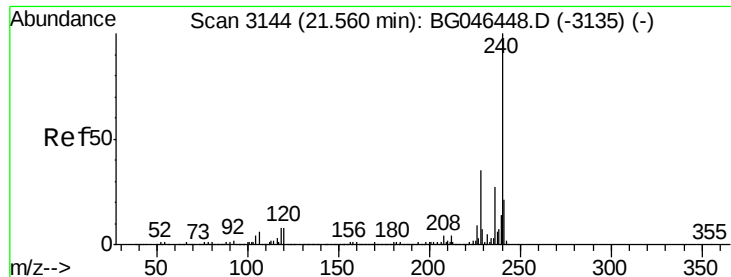


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

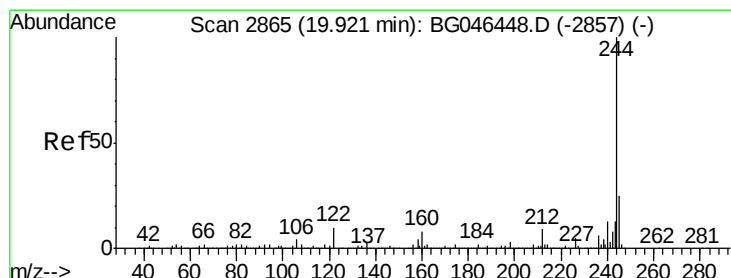
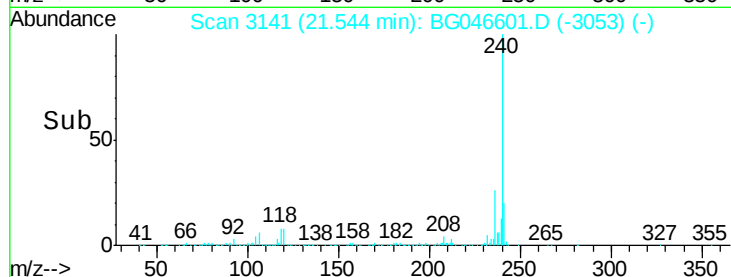
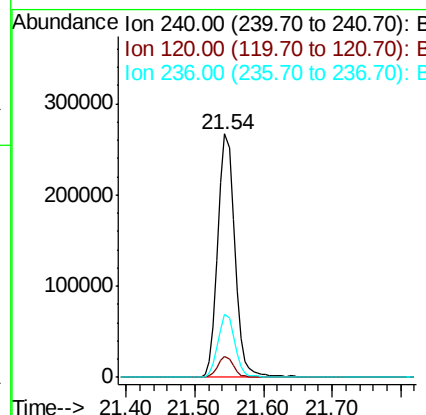
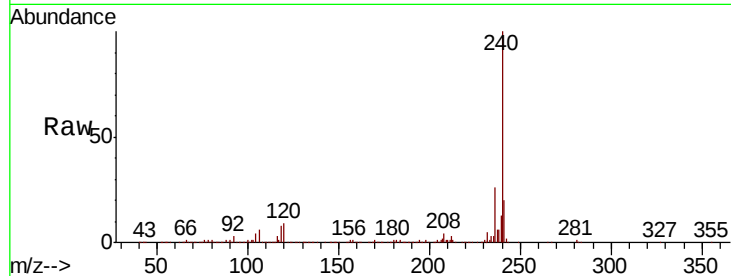




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046601.D
Acq: 11 Sep 2020 18:06

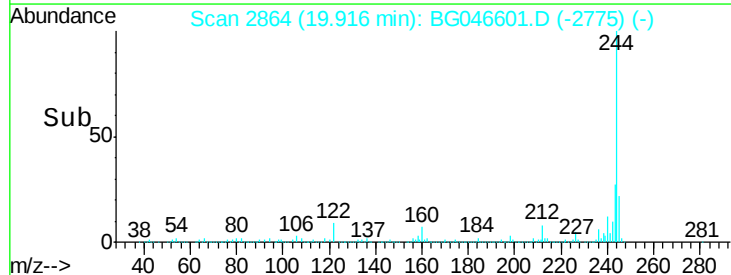
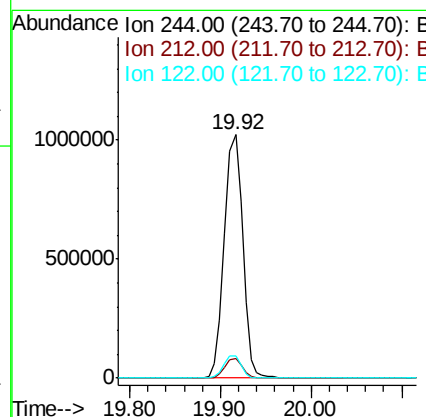
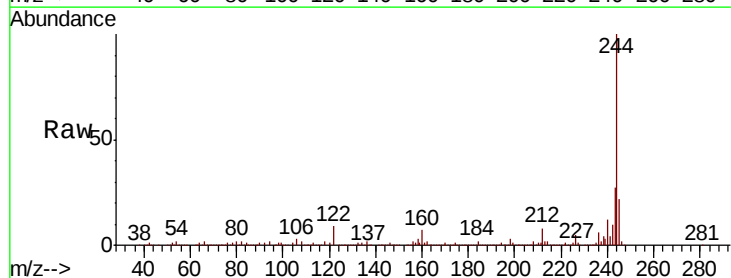
Instrument :
BNA_G
ClientSampleId :
BSY-SB-0102-0-1

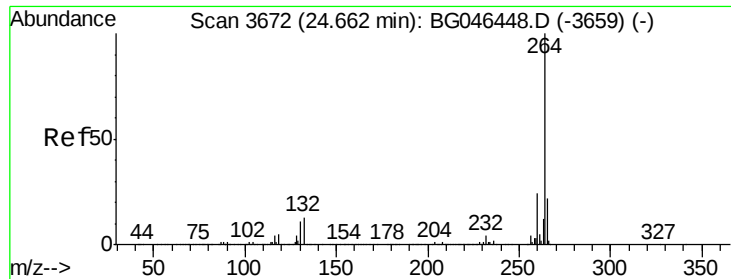
Tot Ion:240 Resp: 462569
Ion Ratio Lower Upper
240 100
120 8.5 6.6 10.0
236 26.2 21.4 32.2



#79
Terphenyl-d14
Concen: 66.693 ng
RT: 19.92 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG046601.D
Acq: 11 Sep 2020 18:06

Tgt Ion:244 Resp: 1449595
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 9.1 8.2 12.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG046601.D
Acq: 11 Sep 2020 18:06

Instrument :
BNA_G
ClientSampleId :
BSY-SB-0102-0-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.9	26.9

