

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046559.D
 Acq On : 8 Sep 2020 15:54
 Operator : CG/JU
 Sample : L3857-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

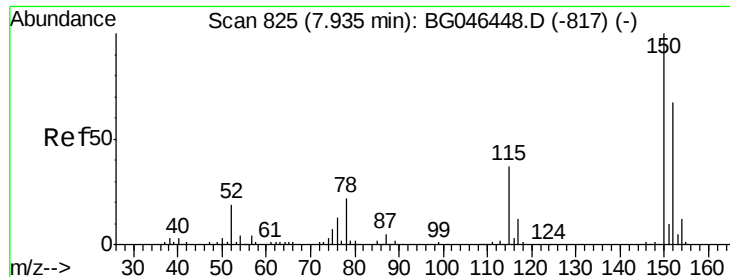
Instrument :
 BNA_G
 ClientSampleId :
 PE-4B

Quant Time: Sep 08 16:53:35 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	69254	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	278803	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	194309	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	449168	20.00	ng	0.00
76) Chrysene-d12	21.55	240	462724	20.00	ng	0.00
86) Perylene-d12	24.65	264	455291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	273661	69.99	ng	0.00
7) Phenol-d6	7.10	99	368288	66.44	ng	0.00
23) Nitrobenzene-d5	9.08	82	239494	49.10	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	174001	66.09	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	672868	52.86	ng	0.00
79) Terphenyl-d14	19.92	244	1023769	47.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	29858	9.005	ng	# 76
50) Dimethylphthalate	14.01	163	36443	2.424	ng	# 97

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

```
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Sample    : L3857-05  
Misc      :  
ALS Vial  : 9 Sample Multiplier: 1
```

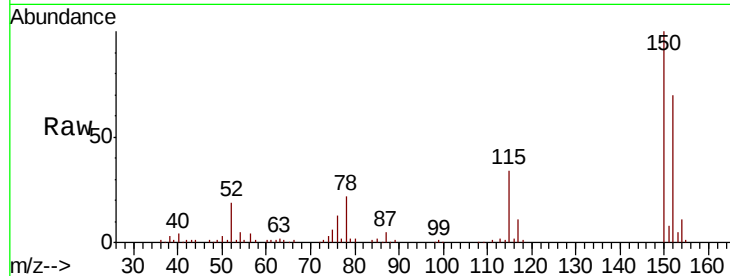


#1

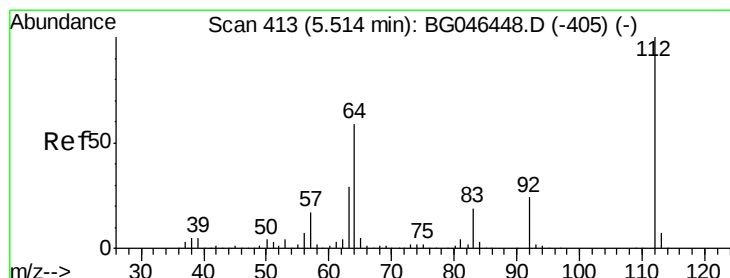
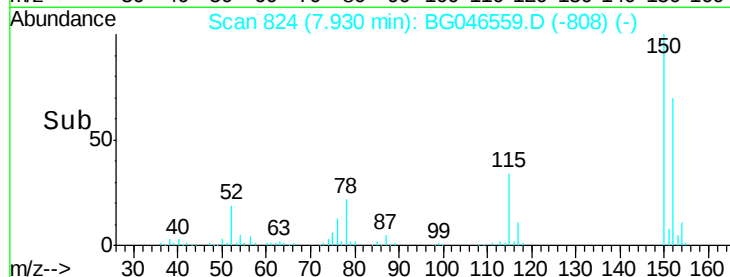
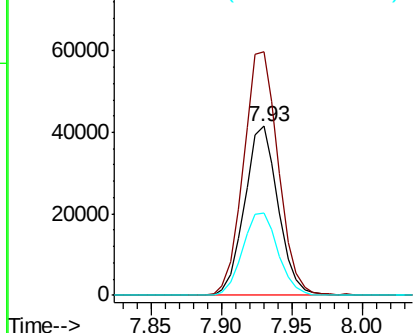
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046559.D
Acq: 8 Sep 2020 15:54

Instrument :
BNA_G
ClientSampled :
PE-4B

Tot Ion	152	Resp	69254
Ion Ratio	Lower	Upper	
152	100		
150	143.8	119.5	179.3
115	48.8	44.3	66.5



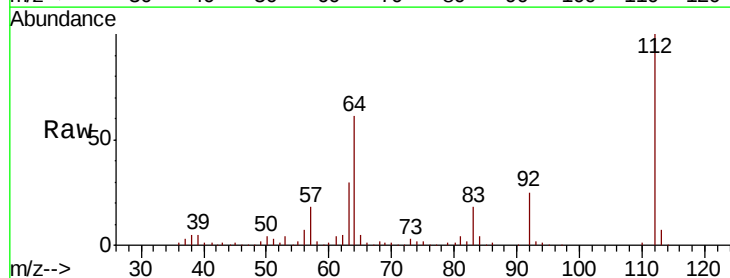
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



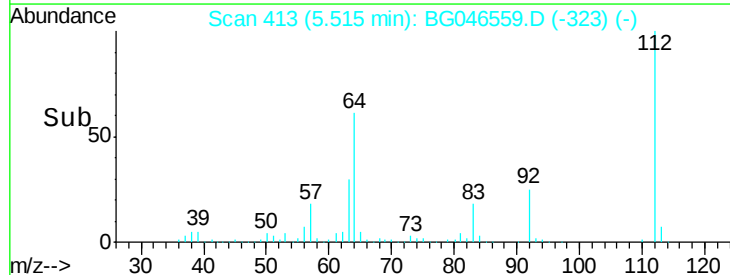
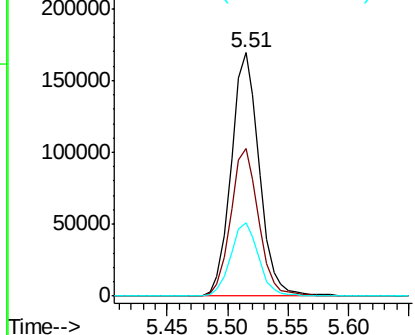
#5

2-Fluorophenol
Concen: 69.989 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046559.D
Acq: 8 Sep 2020 15:54

Tgt Ion	112	Resp	273661
Ion Ratio	Lower	Upper	
112	100		
64	60.5	47.0	70.6
63	30.0	23.5	35.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 66.443 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046559.D

Acq: 8 Sep 2020 15:54

Instrument :

BNA_G

ClientSampled :

PE-4B

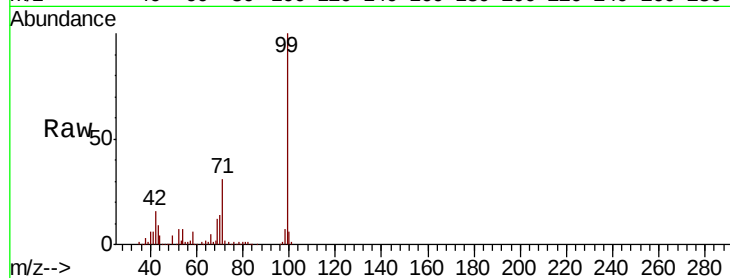
Tot Ion: 99 Resp: 368288

Ion Ratio Lower Upper

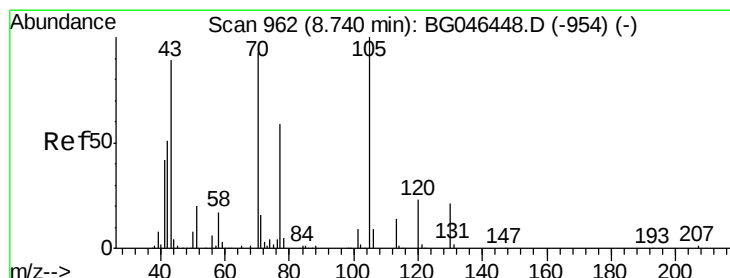
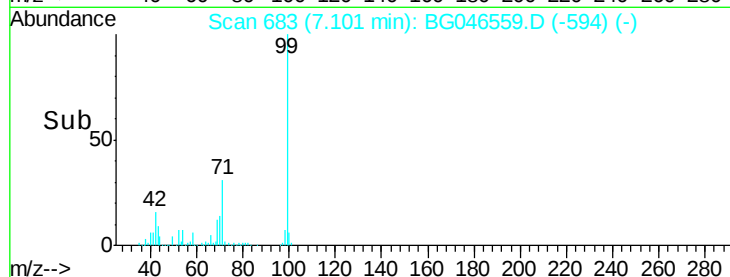
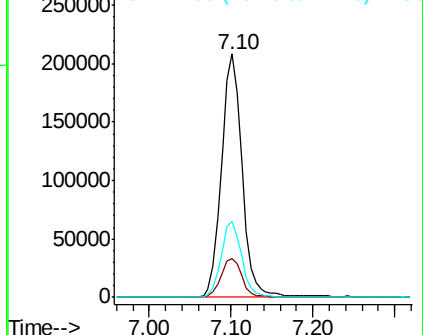
99 100

42 16.0 13.3 19.9

71 31.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 9.005 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046559.D

Acq: 8 Sep 2020 15:54

Tgt Ion: 70 Resp: 29858

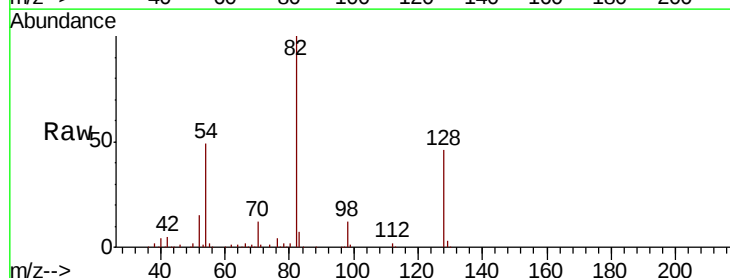
Ion Ratio Lower Upper

70 100

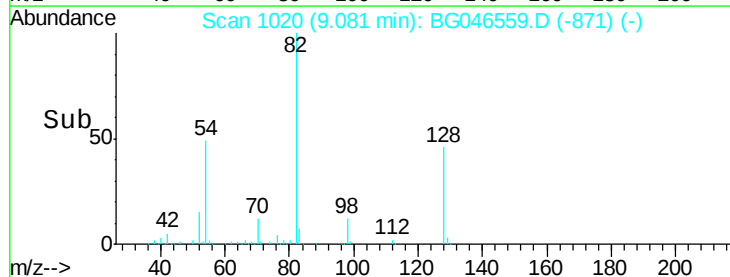
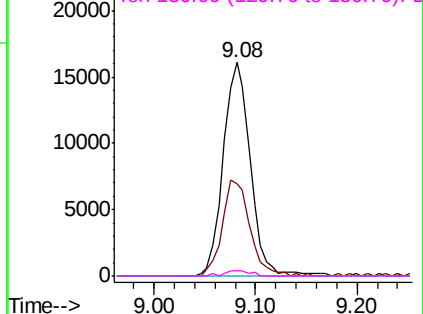
42 42.9 44.2 66.2#

101 0.0 7.8 11.8#

130 2.6 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

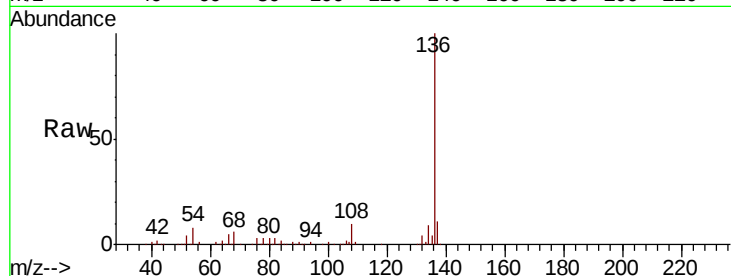




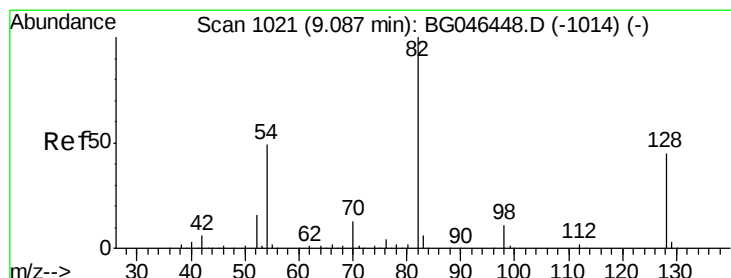
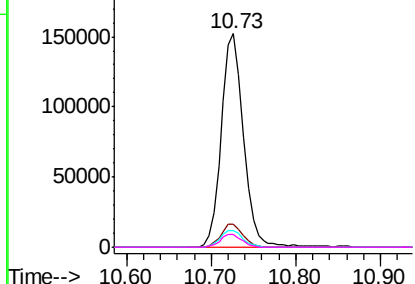
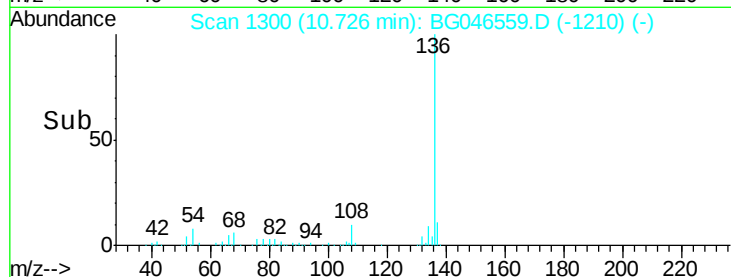
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046559.D
Acq: 8 Sep 2020 15:54

Instrument :
BNA_G
ClientSampleId :
PE-4B

Tot Ion:136	Resp:	278803	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.8	13.2	
54 7.9	6.1	9.1	
68 6.0	4.8	7.2	

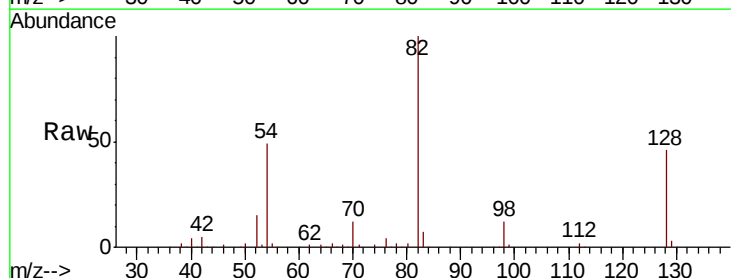


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

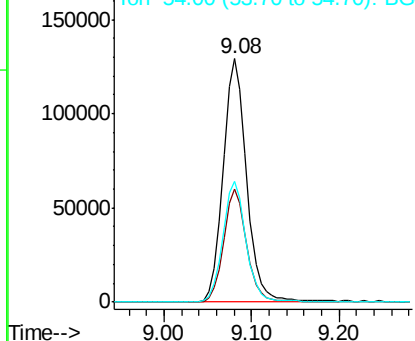
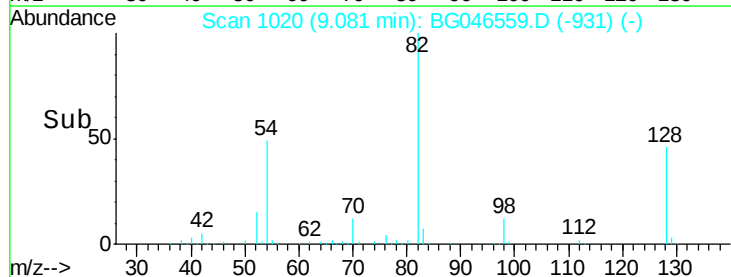


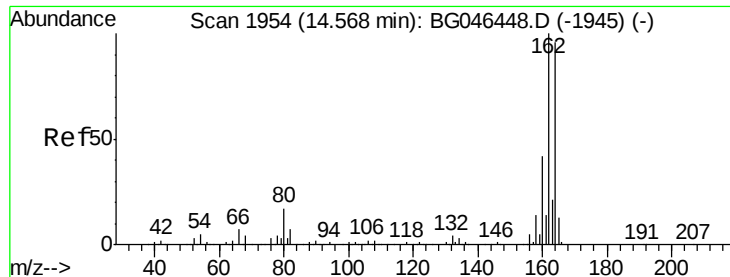
#23
Nitrobenzene-d5
Concen: 49.097 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046559.D
Acq: 8 Sep 2020 15:54

Tgt Ion	82	Resp: Lower	239494 Upper
	Ratio 100		
128	46.2	35.7	53.5
54	49.4	39.4	59.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG046559.D

Acq: 8 Sep 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PE-4B

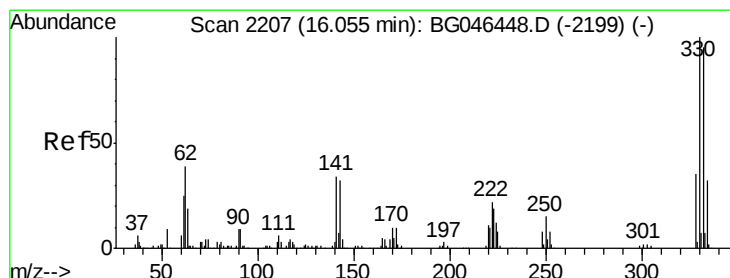
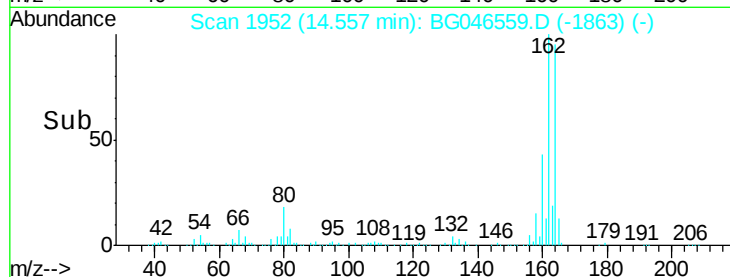
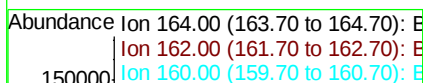
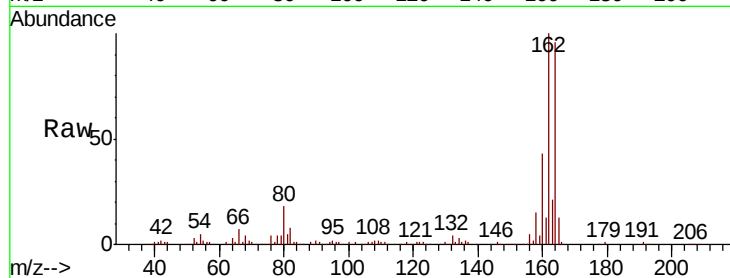
Tot Ion:164 Resp: 194309

Ion Ratio Lower Upper

164 100

162 104.4 83.3 124.9

160 44.8 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 66.091 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046559.D

Acq: 8 Sep 2020 15:54

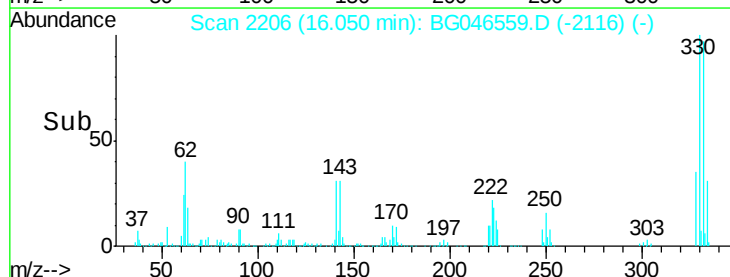
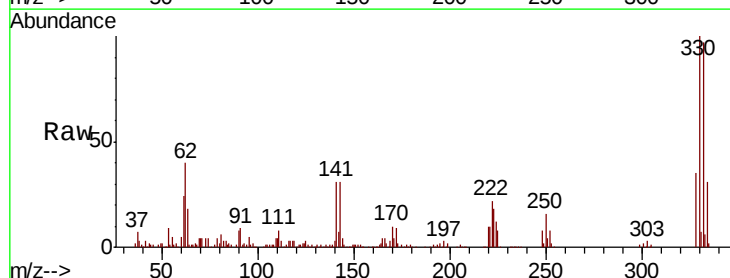
Tgt Ion:330 Resp: 174001

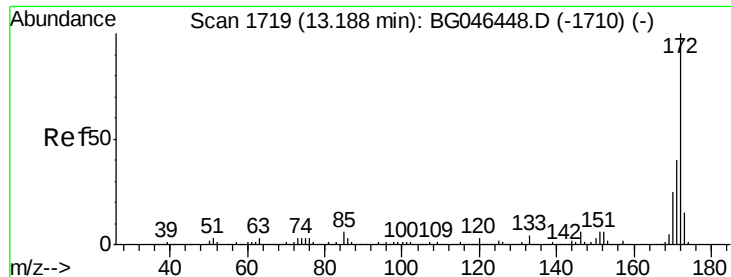
Ion Ratio Lower Upper

330 100

332 94.3 76.1 114.1

141 33.6 26.1 39.1

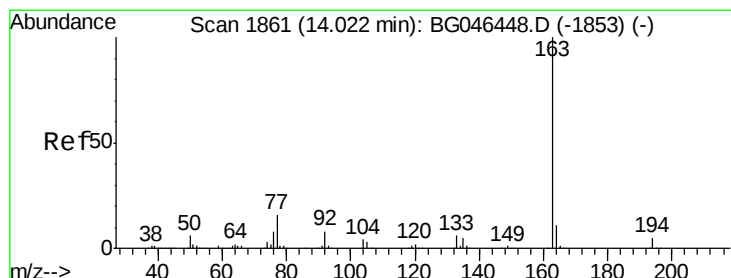
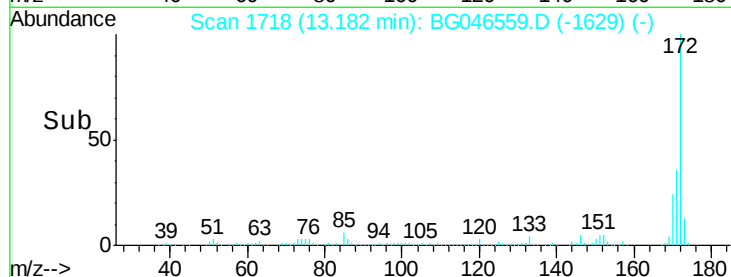
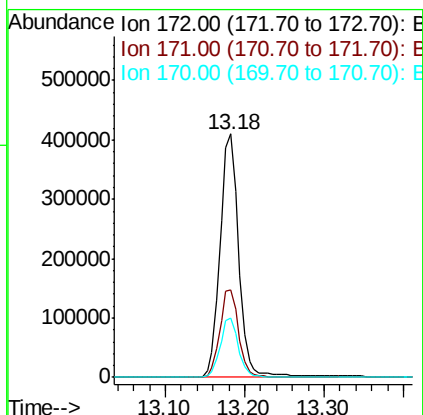
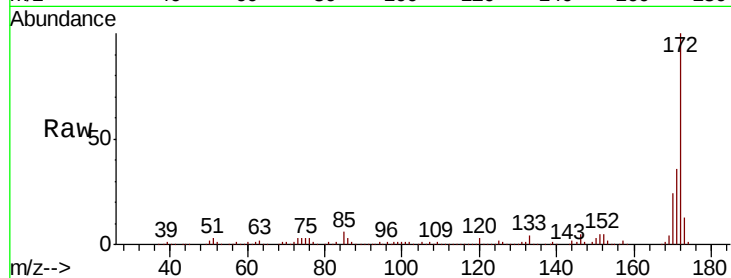




#45
2-Fluorobiphenyl
Concen: 52.863 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046559.D
Acq: 8 Sep 2020 15:54

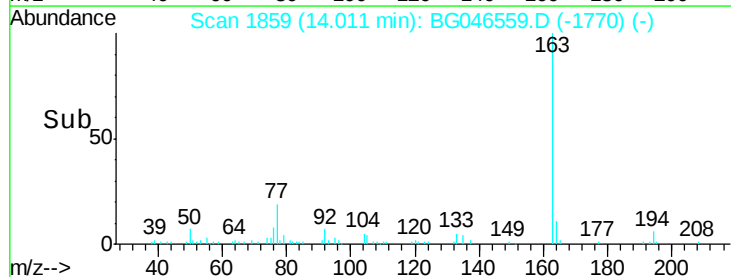
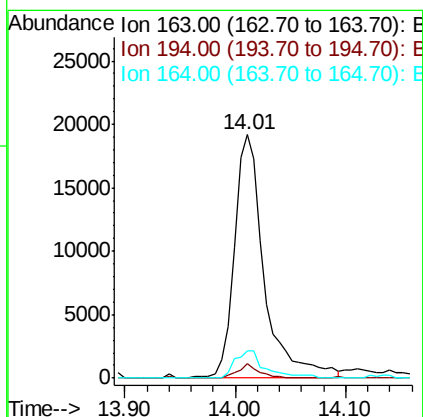
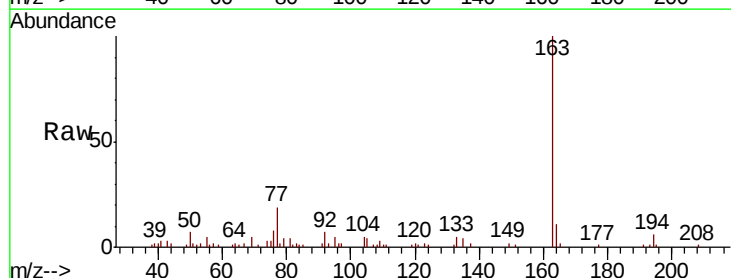
Instrument :
BNA_G
ClientSampled :
PE-4B

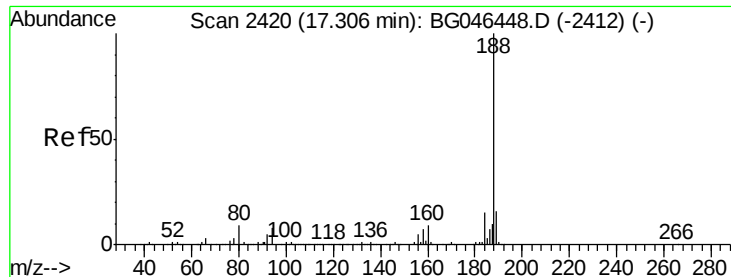
Tot Ion:172 Resp: 672868
Ion Ratio Lower Upper
172 100
171 36.2 31.8 47.6
170 24.2 20.3 30.5



#50
Dimethylphthalate
Concen: 2.424 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG046559.D
Acq: 8 Sep 2020 15:54

Tgt Ion:163 Resp: 36443
Ion Ratio Lower Upper
163 100
194 5.9 3.7 5.5#
164 11.4 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG046559.D

Acq: 8 Sep 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PE-4B

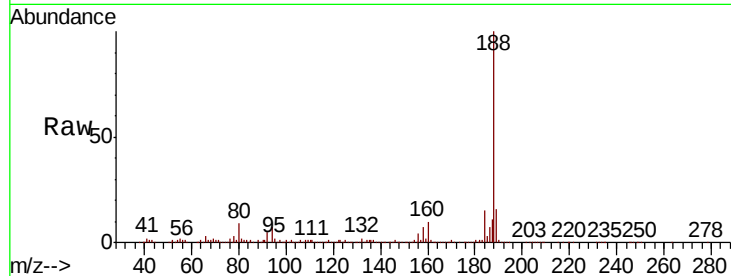
Tot Ion:188 Resp: 449168

Ion Ratio Lower Upper

188 100

94 7.4 6.3 9.5

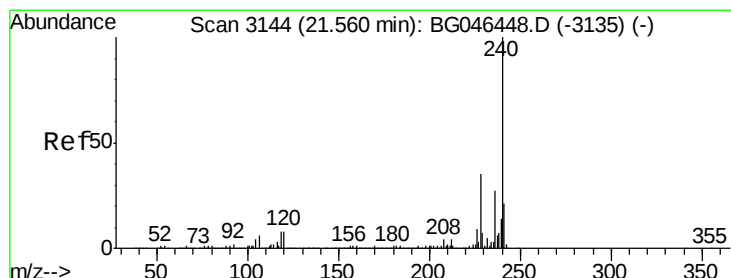
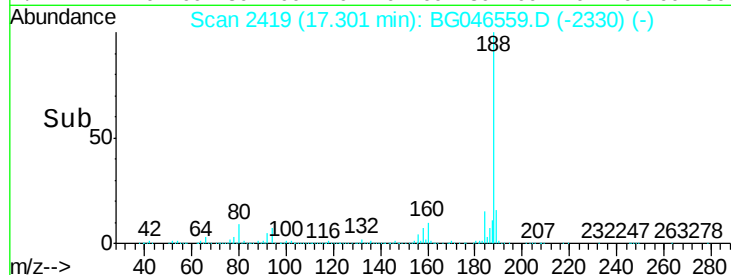
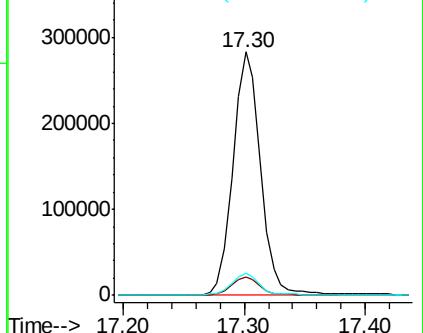
80 9.0 6.9 10.3



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: BG046559.D

Acq: 8 Sep 2020 15:54

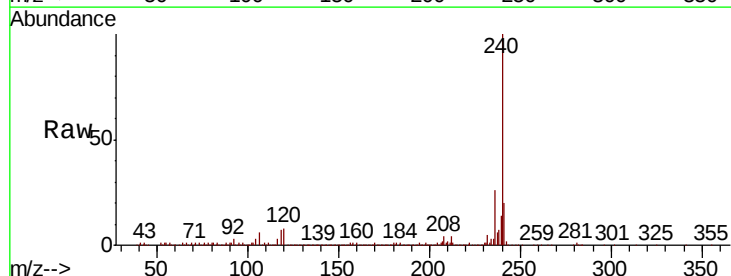
Tgt Ion:240 Resp: 462724

Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

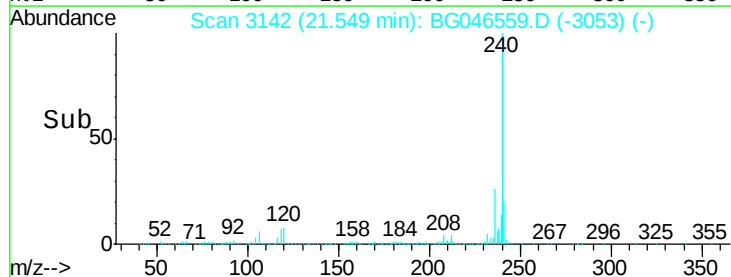
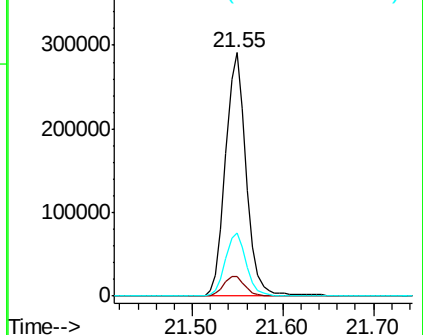
236 25.8 21.4 32.2

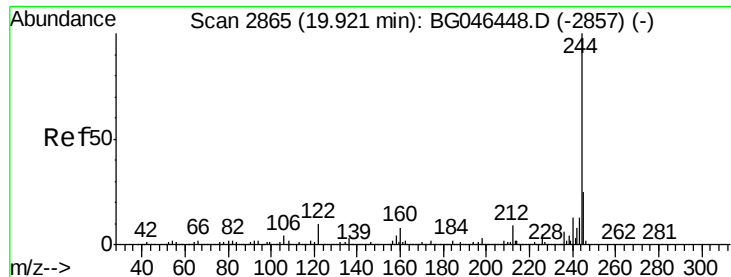


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 47.086 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046559.D

Acq: 8 Sep 2020 15:54

Instrument :

BNA_G

ClientSampleId :

PE-4B

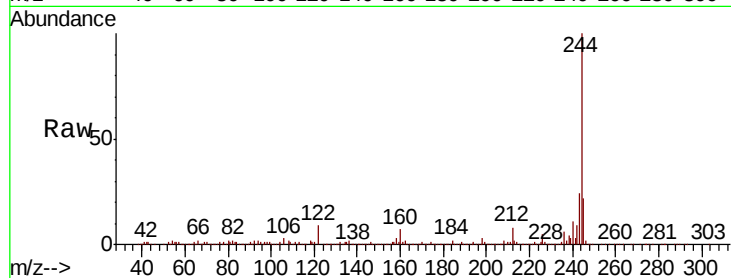
Tot Ion:244 Resp: 1023769

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

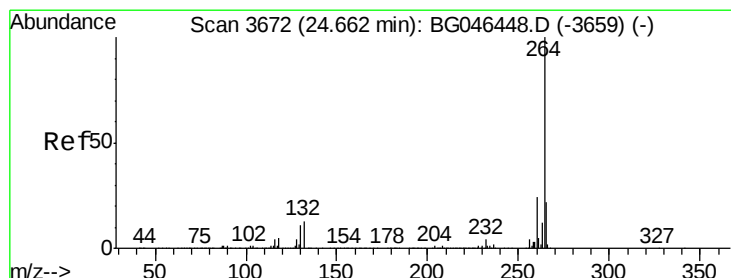
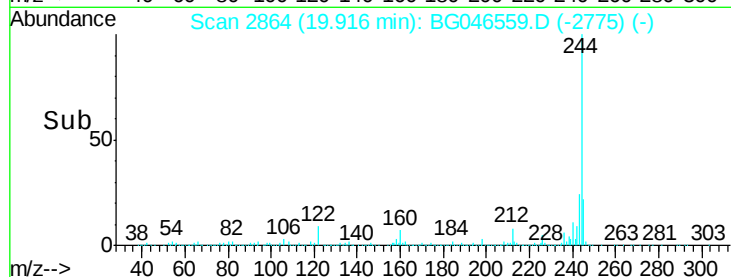
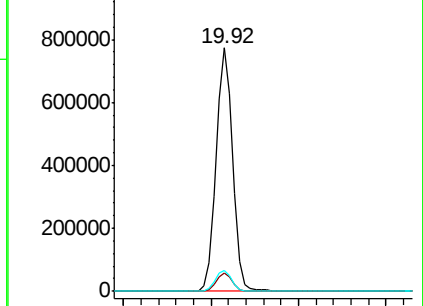
122 8.7 8.2 12.4



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: 24.65 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG046559.D

Acq: 8 Sep 2020 15:54

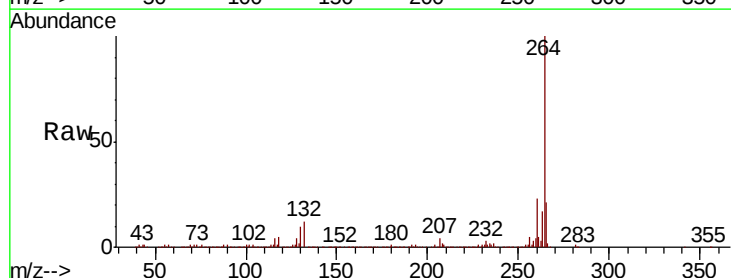
Tgt Ion:264 Resp: 455291

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.7 17.9 26.9



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

