

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
 Data File : BG048882.D
 Acq On : 26 Apr 2021 17:33
 Operator : CG/JU
 Sample : M2125-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB-2021-WS-000-07

Quant Time: Apr 26 18:08:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 26 13:36:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

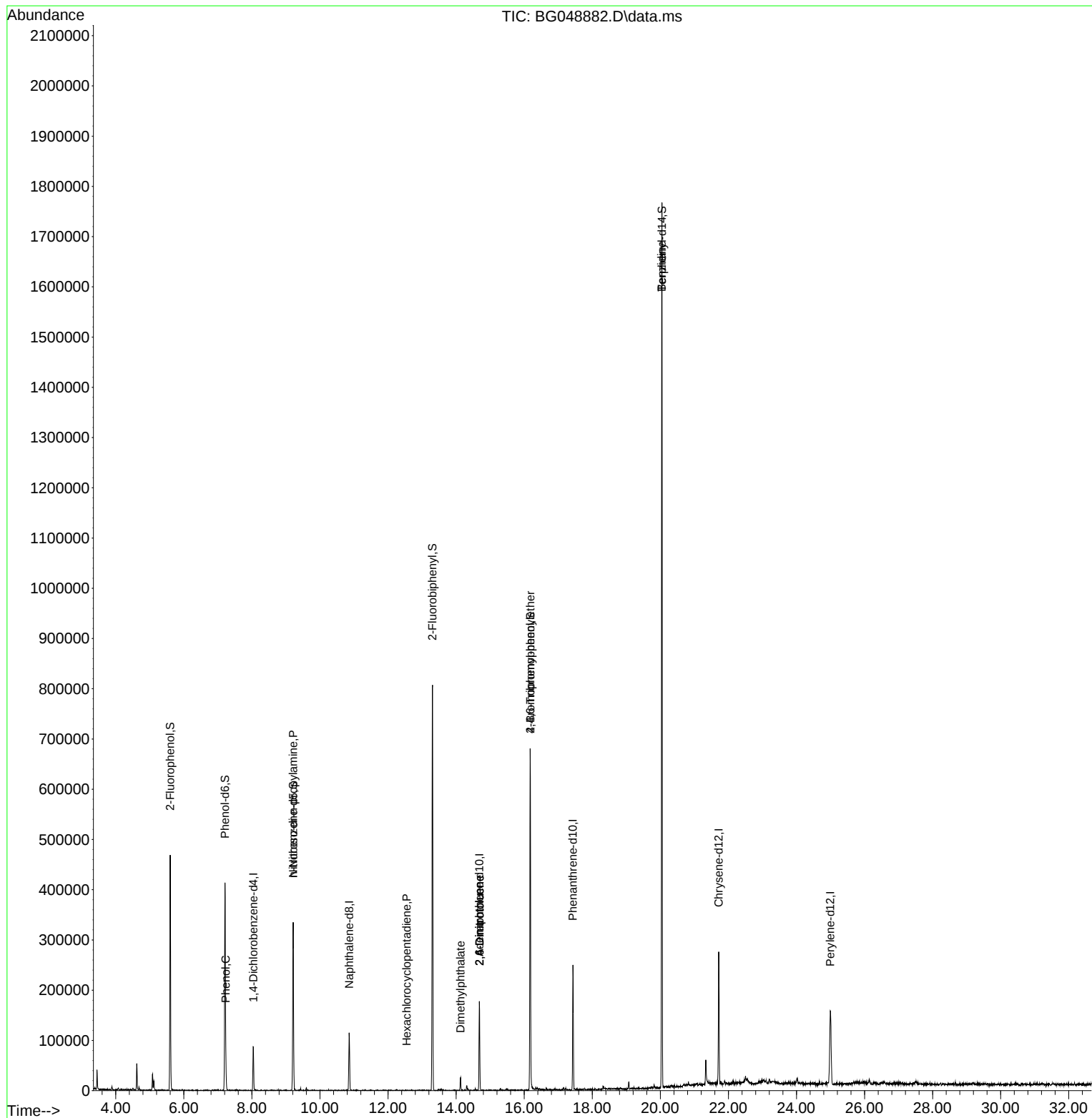
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	22667	20.00	ng	0.00
21) Naphthalene-d8	10.858	136	90768	20.00	ng	# 0.00
39) Acenaphthene-d10	14.683	164	60170	20.00	ng	0.00
64) Phenanthrene-d10	17.432	188	154050	20.00	ng	# 0.00
76) Chrysene-d12	21.716	240	151501	20.00	ng	0.00
86) Perylene-d12	24.994	264	151312	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	175538	129.52	ng	0.00
7) Phenol-d6	7.209	99	201200	104.96	ng	0.00
23) Nitrobenzene-d5	9.213	82	189504	93.47	ng	0.00
42) 2,4,6-Tribromophenol	16.181	330	111667	138.42	ng	0.00
45) 2-Fluorobiphenyl	13.308	172	397775	95.47	ng	0.00
79) Terphenyl-d14	20.047	244	792868	90.07	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.233	94	17055	9.05	ng	90
19) n-Nitroso-di-n-propyla...	9.213	70	31977	24.72	ng	# 66
41) Hexachlorocyclopentadiene	12.550	237	54	5.91	ng	# 31
50) Dimethylphthalate	14.130	163	14047	3.11	ng	# 96
51) 2,6-Dinitrotoluene	14.689	165	9025	8.67	ng	# 11
57) 2,4-Dinitrotoluene	14.689	165	9025	5.97	ng	# 17
67) 4-Bromophenyl-phenylether	16.181	248	8903	5.02	ng	# 1
77) Benzidine	20.041	184	15240	3.70	ng	98

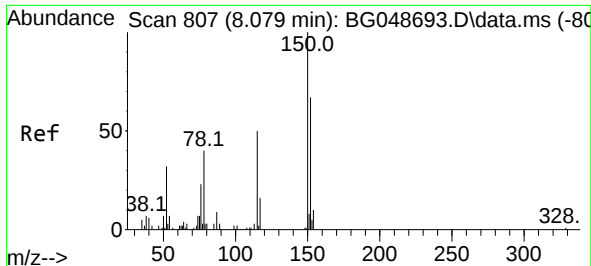
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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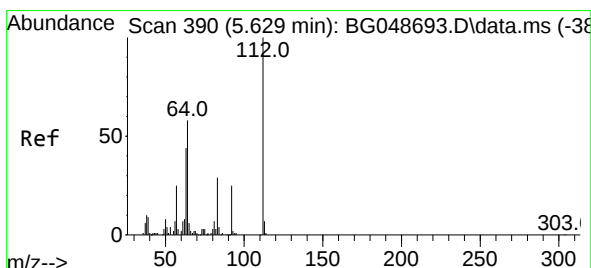
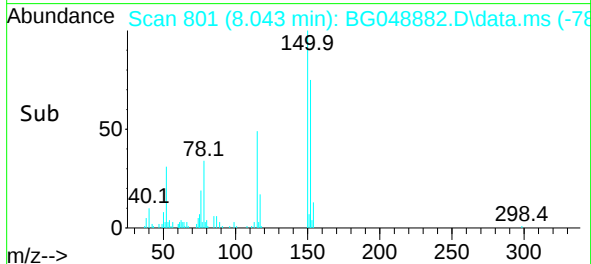
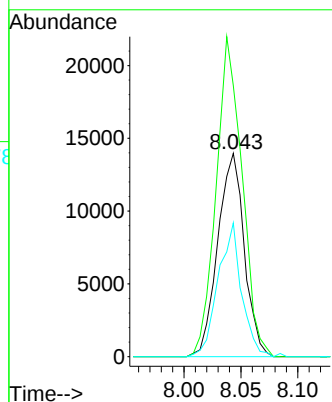
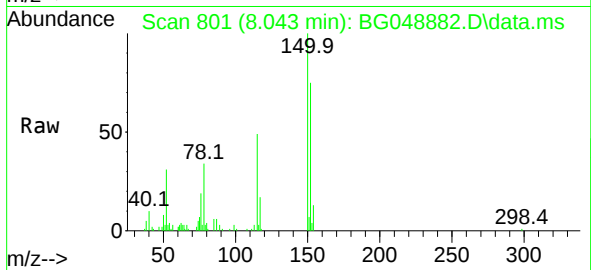




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.043 min Scan# 801
Delta R.T. 0.002 min
Lab File: BG048882.D
Acq: 26 Apr 2021 17:33

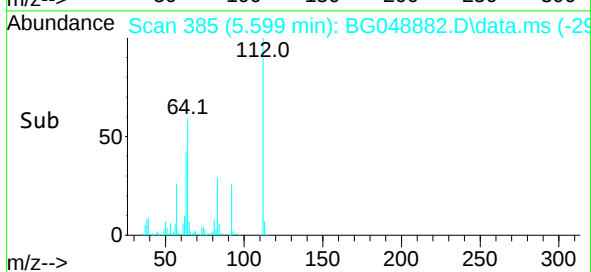
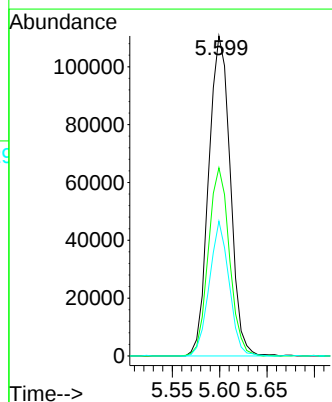
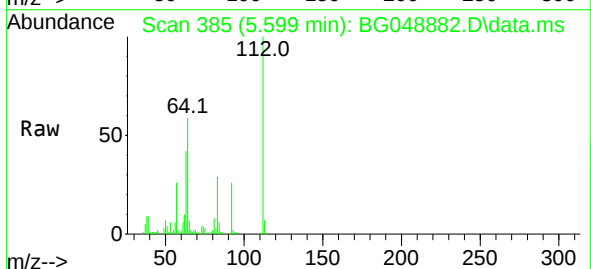
Instrument :
BNA_G
ClientSampleId :
PB-2021-WS-000-07

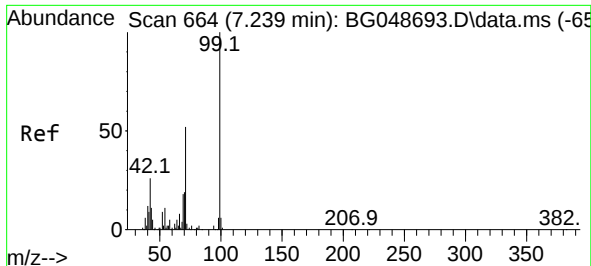
Tgt Ion:152 Resp: 22667
Ion Ratio Lower Upper
152 100
150 133.3 119.4 179.0
115 65.8 60.2 90.4



#5
2-Fluorophenol
Concen: 129.52 ng
RT: 5.599 min Scan# 385
Delta R.T. 0.002 min
Lab File: BG048882.D
Acq: 26 Apr 2021 17:33

Tgt Ion:112 Resp: 175538
Ion Ratio Lower Upper
112 100
64 58.8 46.7 70.1
63 42.1 35.3 52.9

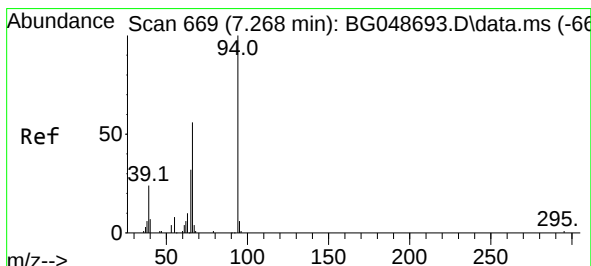
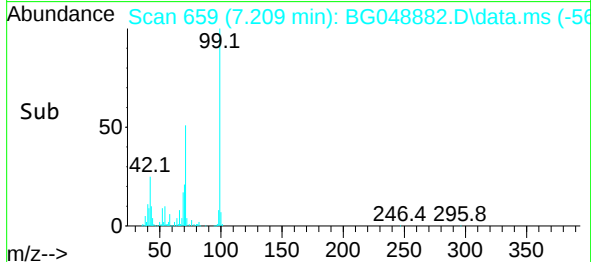
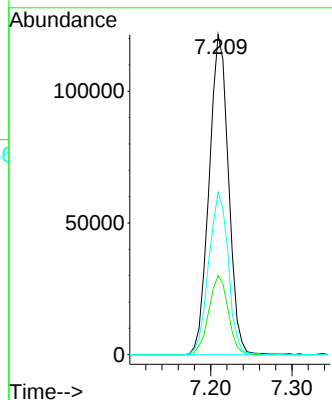
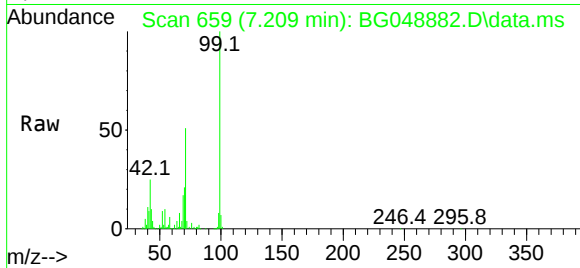




#7
Phenol-d6
Concen: 104.96 ng
RT: 7.209 min Scan# 659
Delta R.T. -0.003 min
Lab File: BG048882.D
Acq: 26 Apr 2021 17:33

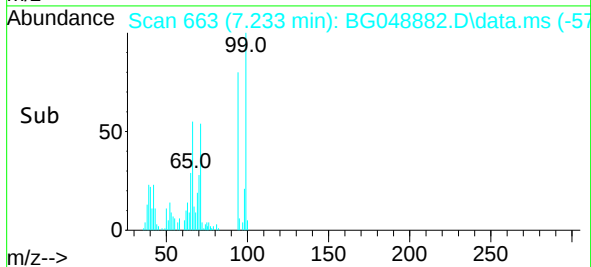
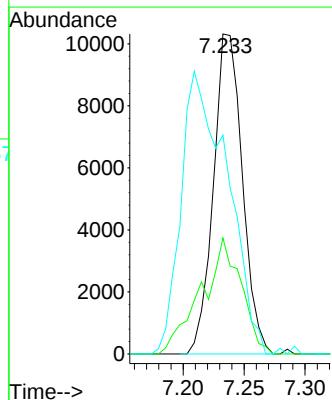
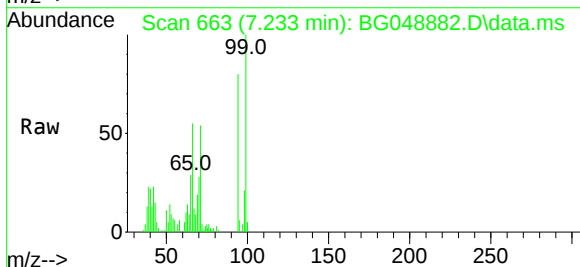
Instrument :
BNA_G
ClientSampleId :
PB-2021-WS-000-07

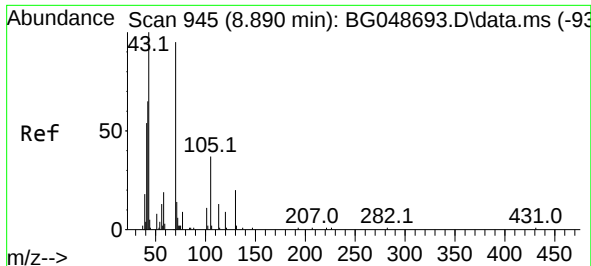
Tgt Ion: 99 Resp: 201200
Ion Ratio Lower Upper
99 100
42 24.7 20.5 30.7
71 50.9 41.5 62.3



#10
Phenol
Concen: 9.05 ng
RT: 7.233 min Scan# 663
Delta R.T. -0.003 min
Lab File: BG048882.D
Acq: 26 Apr 2021 17:33

Tgt Ion: 94 Resp: 17055
Ion Ratio Lower Upper
94 100
65 36.2 12.9 52.9
66 68.4 39.4 79.4

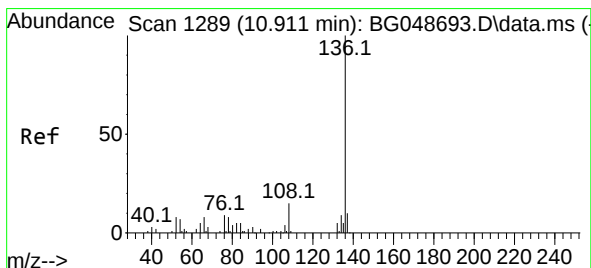
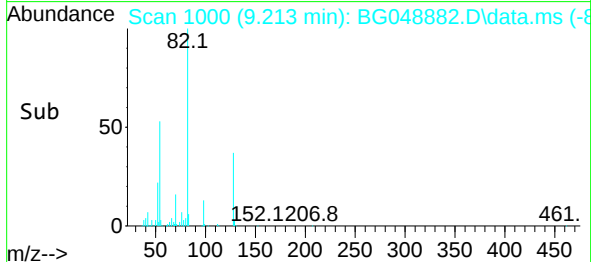
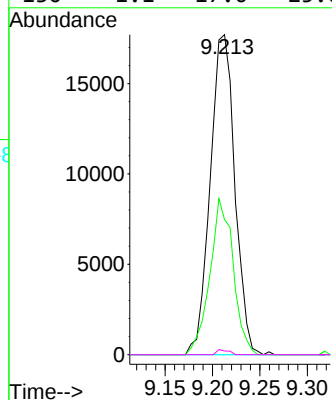
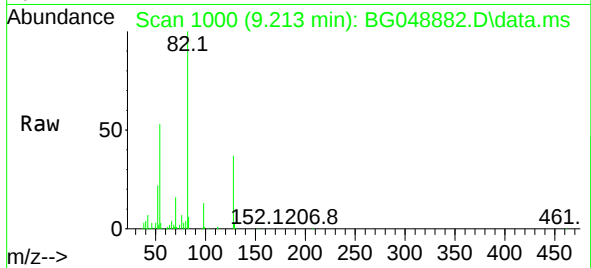




#19
n-Nitroso-di-n-propylamine
Concen: 24.72 ng
RT: 9.213 min Scan# 1000
Delta R.T. 0.367 min
Lab File: BG048882.D
Acq: 26 Apr 2021 17:33

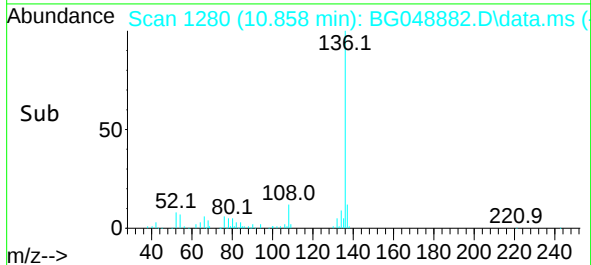
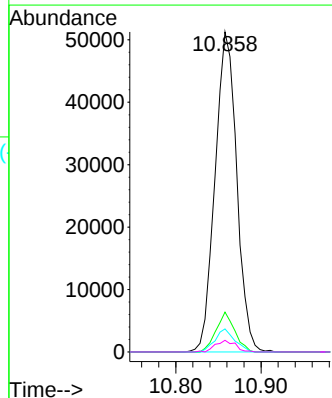
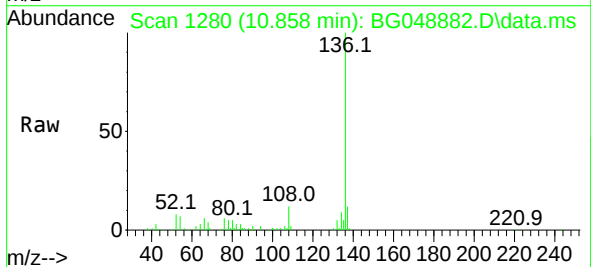
Instrument :
BNA_G
ClientSampleId :
PB-2021-WS-000-07

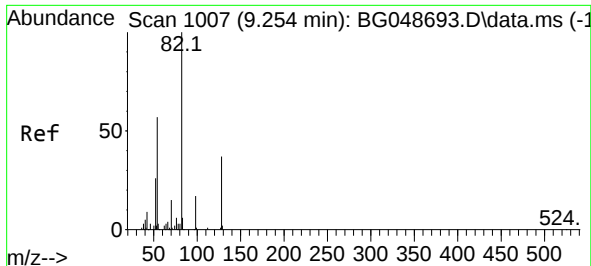
Tgt Ion: 70	Resp: 31977
Ion Ratio	Lower Upper
70 100	
42 42.2	54.5 81.7#
101 0.0	9.0 13.6#
130 1.1	17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.858 min Scan# 1280
Delta R.T. -0.003 min
Lab File: BG048882.D
Acq: 26 Apr 2021 17:33

Tgt Ion: 136	Resp: 90768
Ion Ratio	Lower Upper
136 100	
137 12.4	8.2 12.2#
54 7.2	5.5 8.3
68 3.7	2.3 3.5#





#23

Nitrobenzene-d5

Concen: 93.47 ng

RT: 9.213 min Scan# 1000

Delta R.T. -0.003 min

Lab File: BG048882.D

Acq: 26 Apr 2021 17:33

Instrument :

BNA_G

ClientSampleId :

PB-2021-WS-000-07

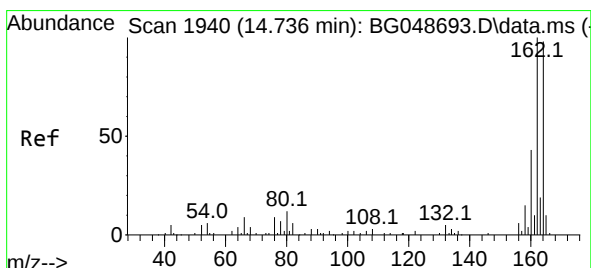
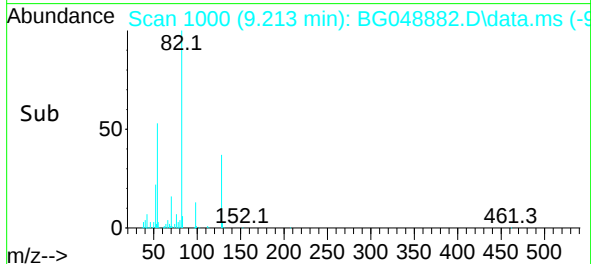
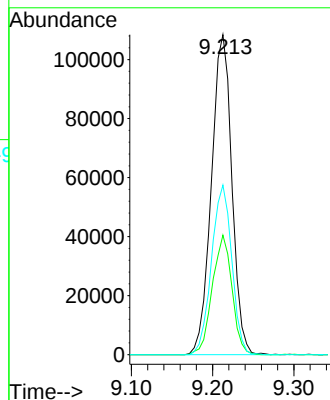
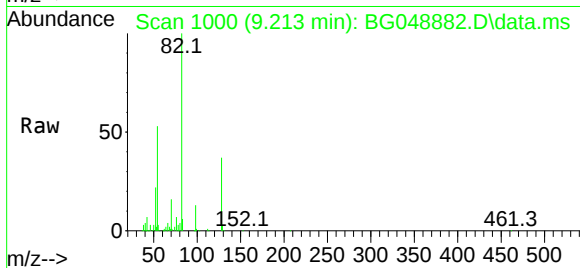
Tgt Ion: 82 Resp: 189504

Ion Ratio Lower Upper

82 100

128 37.4 29.8 44.6

54 53.0 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.683 min Scan# 1931

Delta R.T. -0.003 min

Lab File: BG048882.D

Acq: 26 Apr 2021 17:33

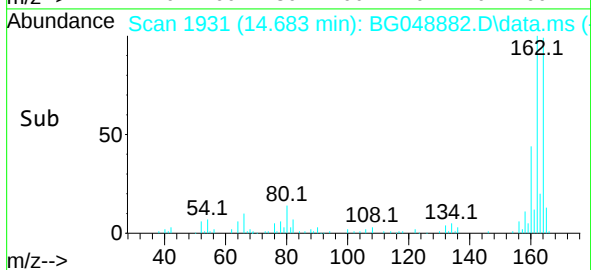
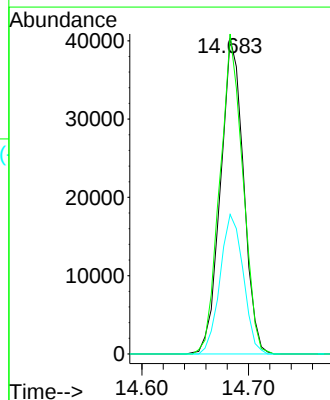
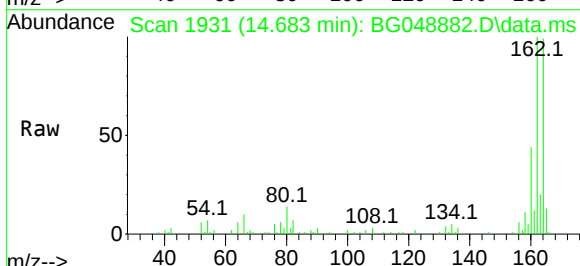
Tgt Ion: 164 Resp: 60170

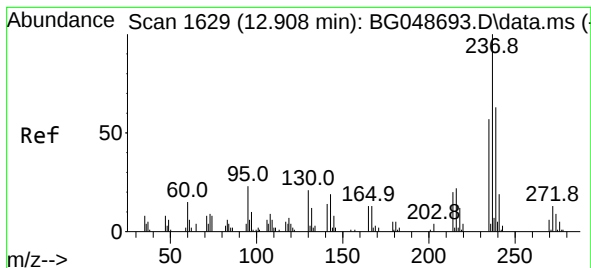
Ion Ratio Lower Upper

164 100

162 101.4 81.4 122.0

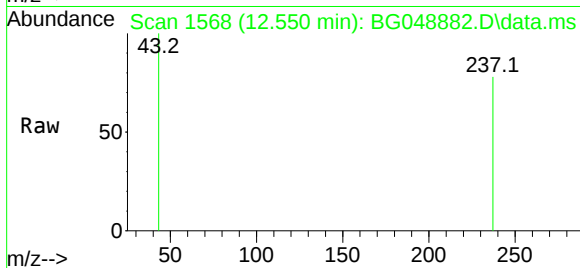
160 44.2 34.9 52.3



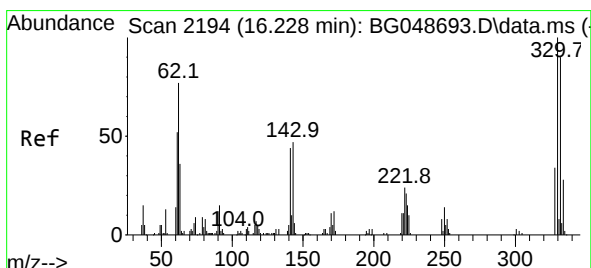
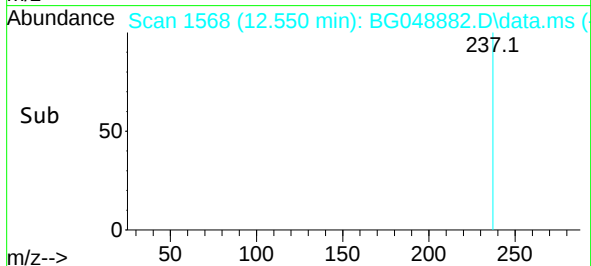
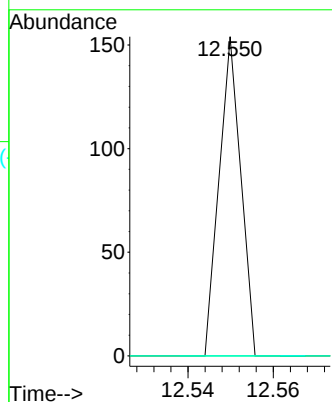


#41
Hexachlorocyclopentadiene
Concen: 5.91 ng
RT: 12.550 min Scan# 1568
Delta R.T. -0.309 min
Lab File: BG048882.D
Acq: 26 Apr 2021 17:33

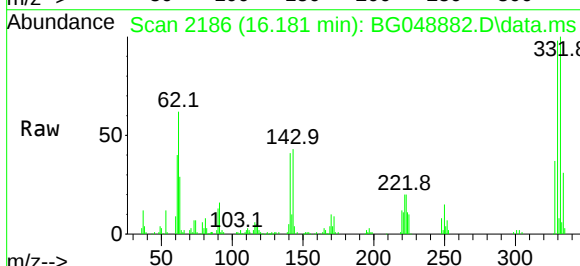
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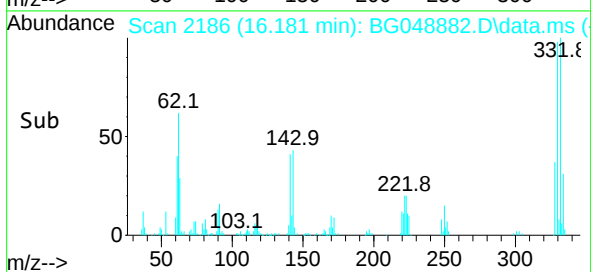
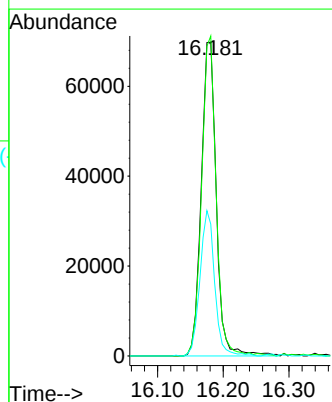
Tgt Ion:237 Resp: 54
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

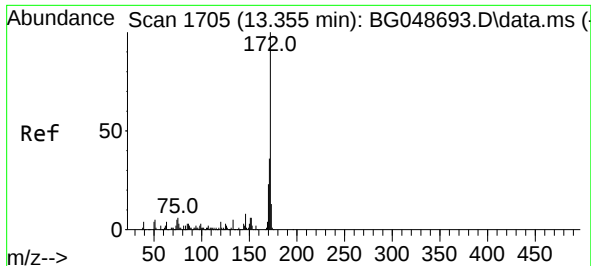


#42
2,4,6-Tribromophenol
Concen: 138.42 ng
RT: 16.181 min Scan# 2186
Delta R.T. 0.002 min
Lab File: BG048882.D
Acq: 26 Apr 2021 17:33



Tgt Ion:330 Resp: 111667
Ion Ratio Lower Upper
330 100
332 98.3 77.3 115.9
141 45.3 35.6 53.4

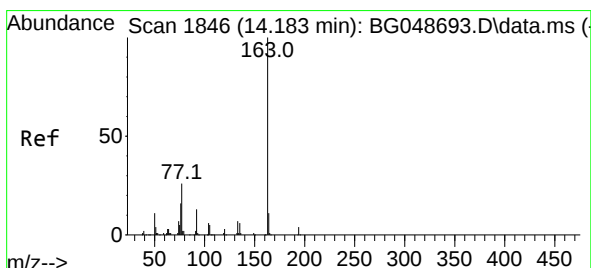
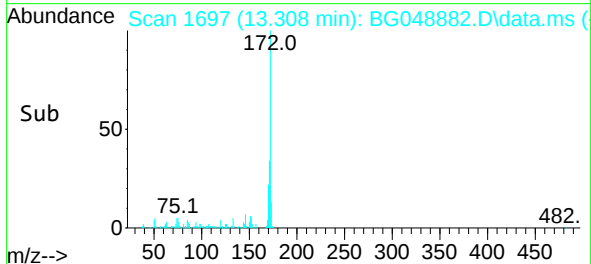
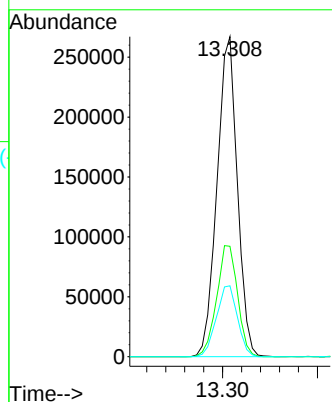
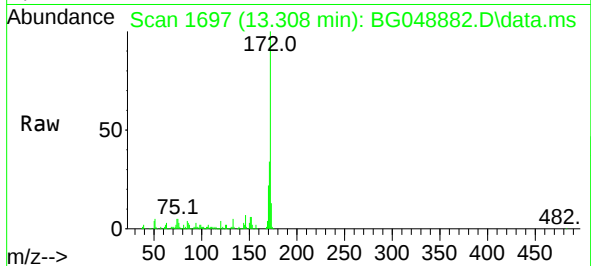




#45
2-Fluorobiphenyl
Concen: 95.47 ng
RT: 13.308 min Scan# 1697
Delta R.T. 0.002 min
Lab File: BG048882.D
Acq: 26 Apr 2021 17:33

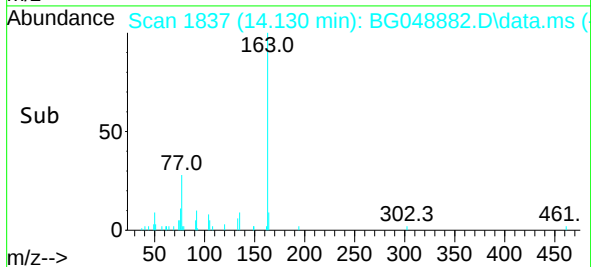
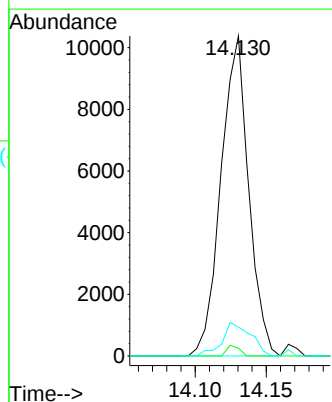
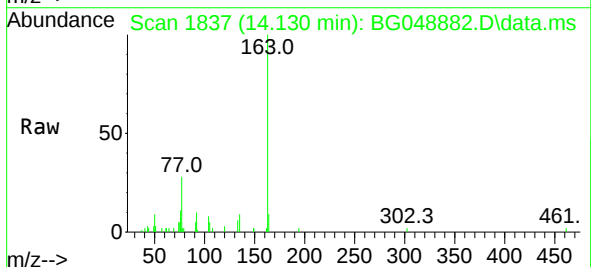
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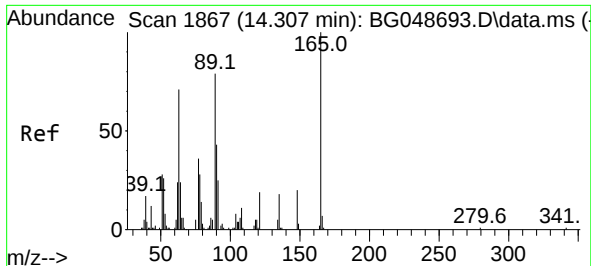
Tgt Ion:172	Resp:	397775
Ion Ratio	Lower	Upper
172	100	
171	34.5	28.6 43.0
170	22.2	18.6 27.8



#50
Dimethylphthalate
Concen: 3.11 ng
RT: 14.130 min Scan# 1837
Delta R.T. -0.003 min
Lab File: BG048882.D
Acq: 26 Apr 2021 17:33

Tgt Ion:163	Resp:	14047
Ion Ratio	Lower	Upper
163	100	
194	2.4	3.0 4.6#
164	9.0	8.6 12.8

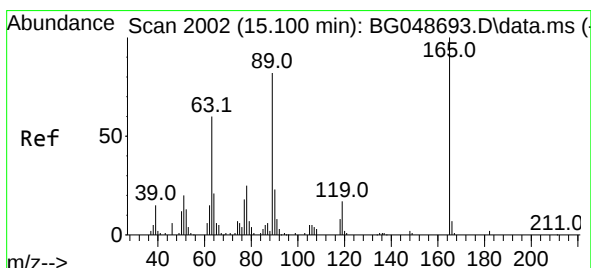
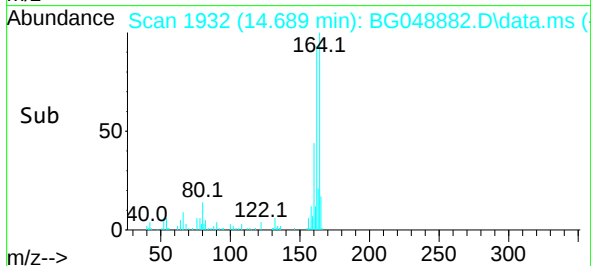
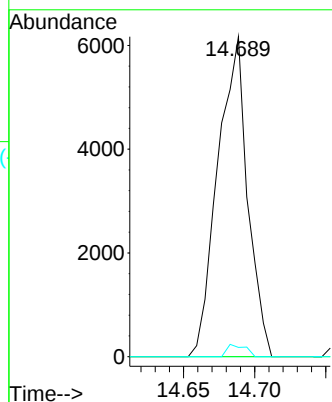
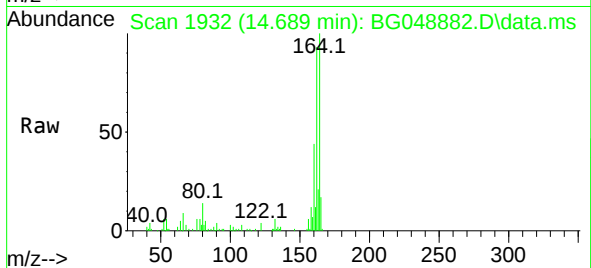




#51
2,6-Dinitrotoluene
Concen: 8.67 ng
RT: 14.689 min Scan# 1932
Delta R.T. 0.431 min
Lab File: BG048882.D
Acq: 26 Apr 2021 17:33

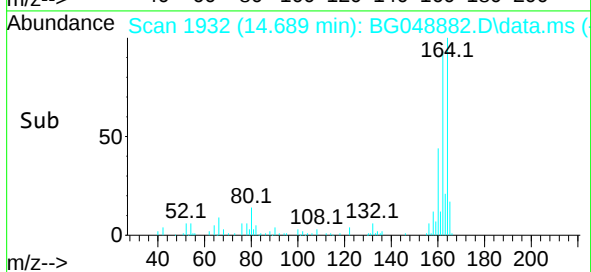
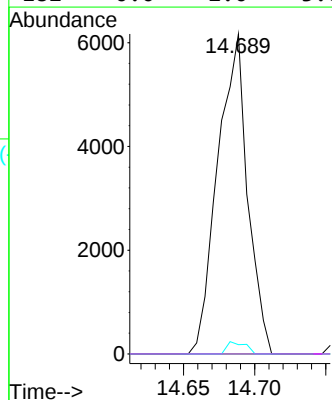
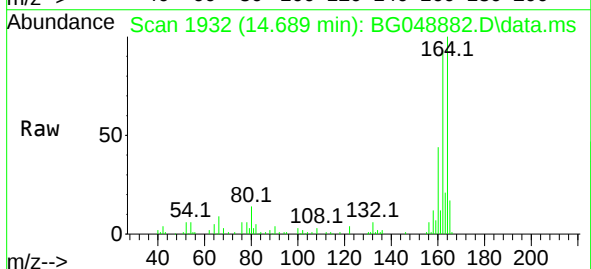
Instrument :
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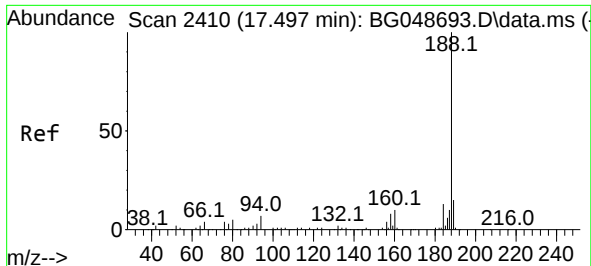
Tgt Ion:165 Resp: 9025
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.9 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 14.689 min Scan# 1932
Delta R.T. -0.362 min
Lab File: BG048882.D
Acq: 26 Apr 2021 17:33

Tgt Ion:165 Resp: 9025
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.9 65.4 98.0#
182 0.0 2.0 3.0#

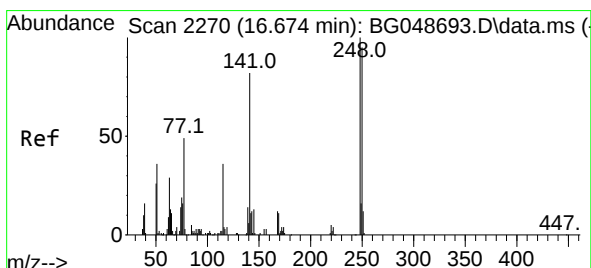
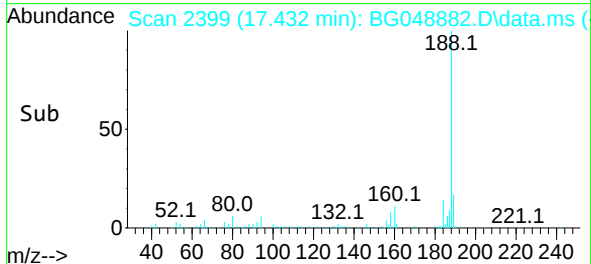
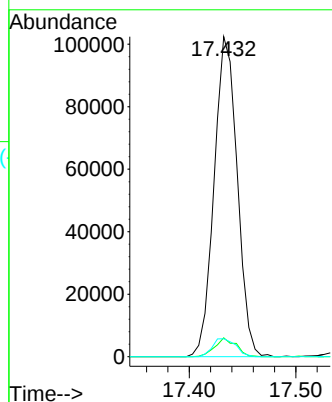
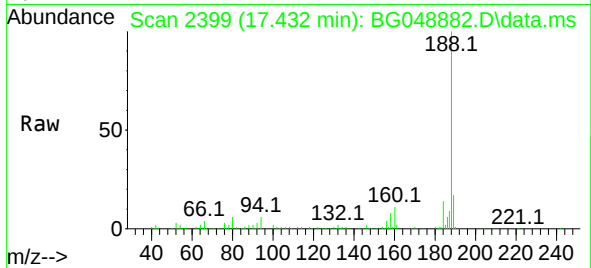




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.432 min Scan# 2399
Delta R.T. -0.003 min
Lab File: BG048882.D
Acq: 26 Apr 2021 17:33

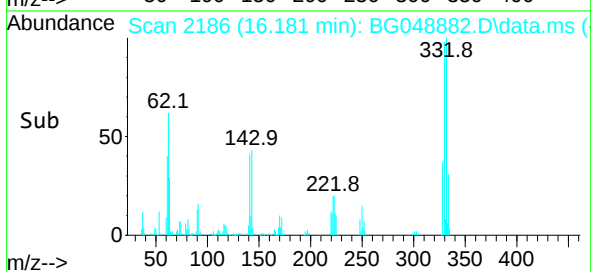
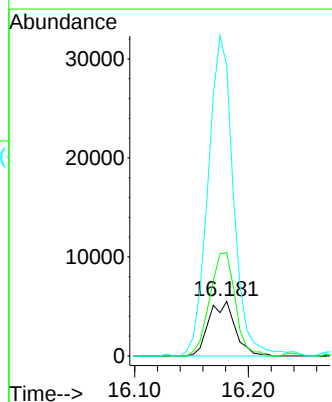
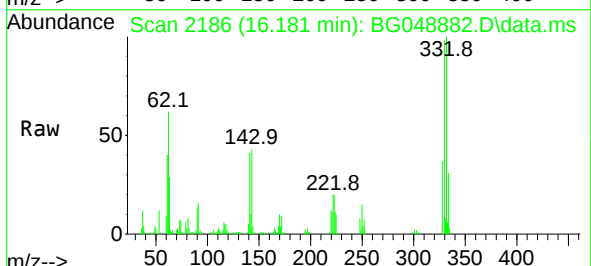
Instrument :
BNA_G
ClientSampleId :
PB-2021-WS-000-07

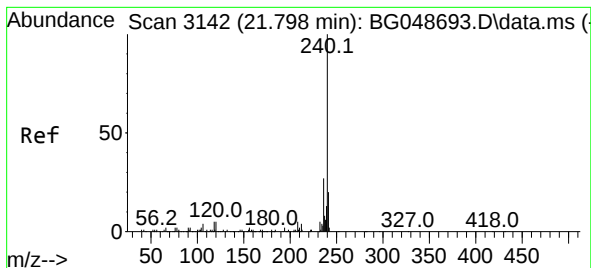
Tgt Ion:188 Resp: 154050
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 5.6 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.02 ng
RT: 16.181 min Scan# 2186
Delta R.T. -0.438 min
Lab File: BG048882.D
Acq: 26 Apr 2021 17:33

Tgt Ion:248 Resp: 8903
Ion Ratio Lower Upper
248 100
250 189.0 76.1 114.1#
141 531.8 65.4 98.2#

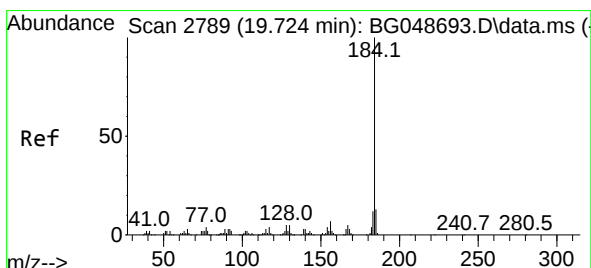
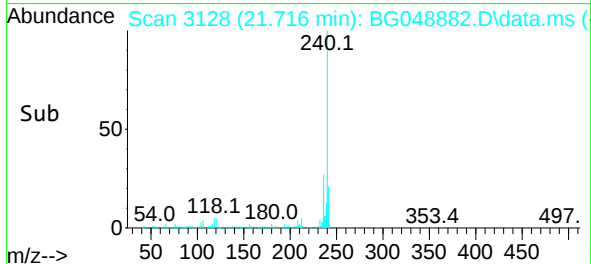
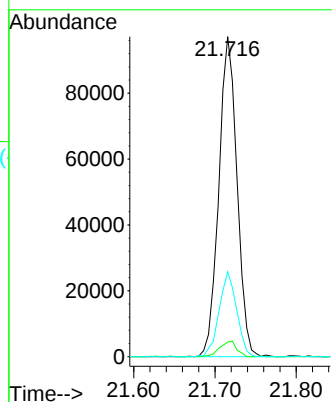
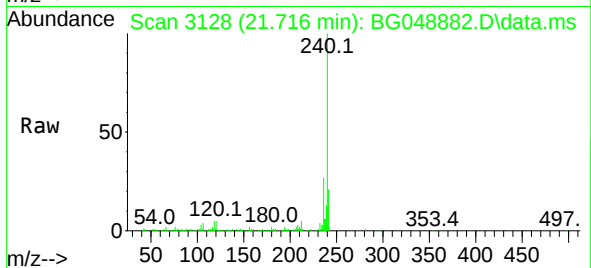




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.716 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BG048882.D
Acq: 26 Apr 2021 17:33

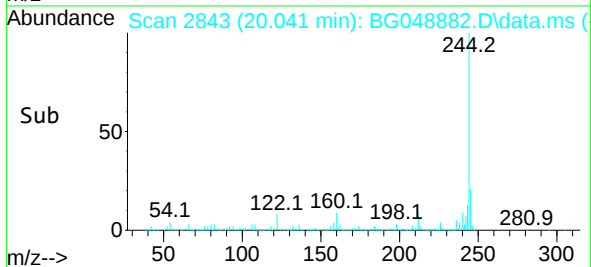
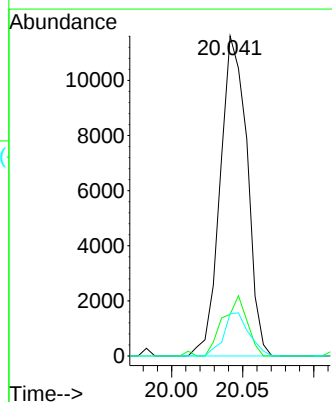
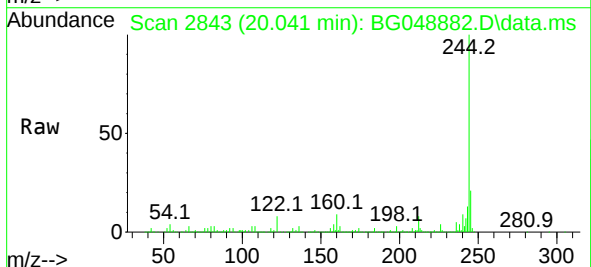
Instrument :
BNA_G
ClientSampleId :
PB-2021-WS-000-07

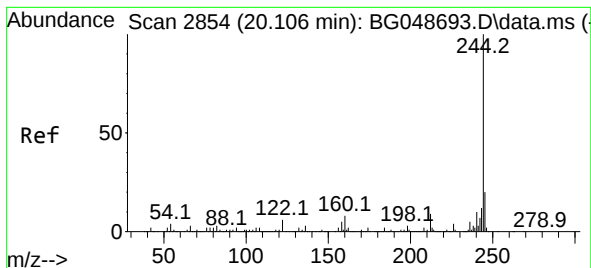
Tgt Ion:240 Resp: 151501
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 26.5 21.8 32.6



#77
Benzidine
Concen: 3.70 ng
RT: 20.041 min Scan# 2843
Delta R.T. 0.373 min
Lab File: BG048882.D
Acq: 26 Apr 2021 17:33

Tgt Ion:184 Resp: 15240
Ion Ratio Lower Upper
184 100
185 13.0 10.7 16.1
183 13.3 9.4 14.0





#79

Terphenyl-d14

Concen: 90.07 ng

RT: 20.047 min Scan# 2844

Delta R.T. 0.002 min

Lab File: BG048882.D

Acq: 26 Apr 2021 17:33

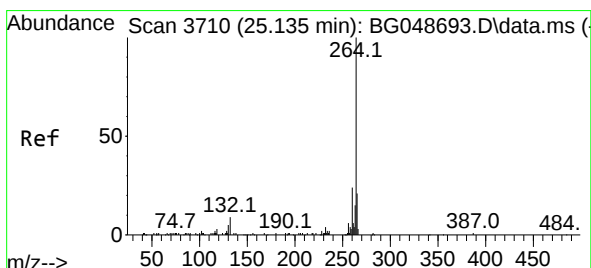
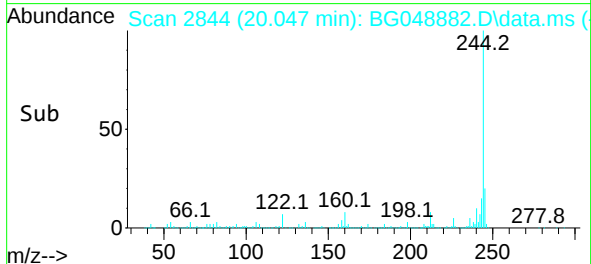
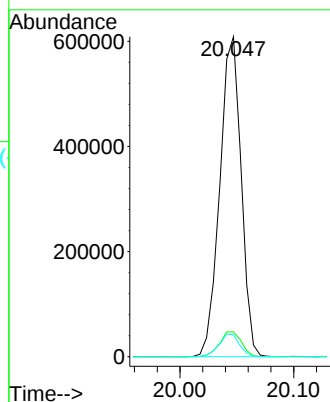
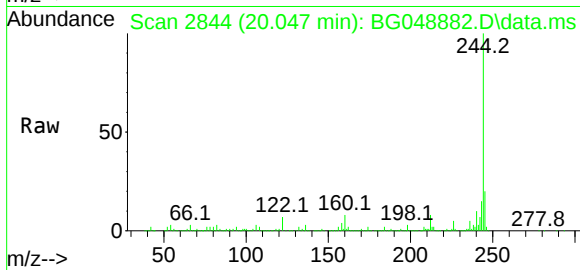
Tgt Ion:244 Resp: 792868

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

122 6.9 5.0 7.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.994 min Scan# 3686

Delta R.T. -0.015 min

Lab File: BG048882.D

Acq: 26 Apr 2021 17:33

Tgt Ion:264 Resp: 151312

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 20.2 16.9 25.3

