

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
 Data File : BG049880.D
 Acq On : 17 Aug 2021 16:27
 Operator : CG/JU
 Sample : M3431-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4

Quant Time: Aug 17 18:06:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:23:02 2021
 Response via : Initial Calibration

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

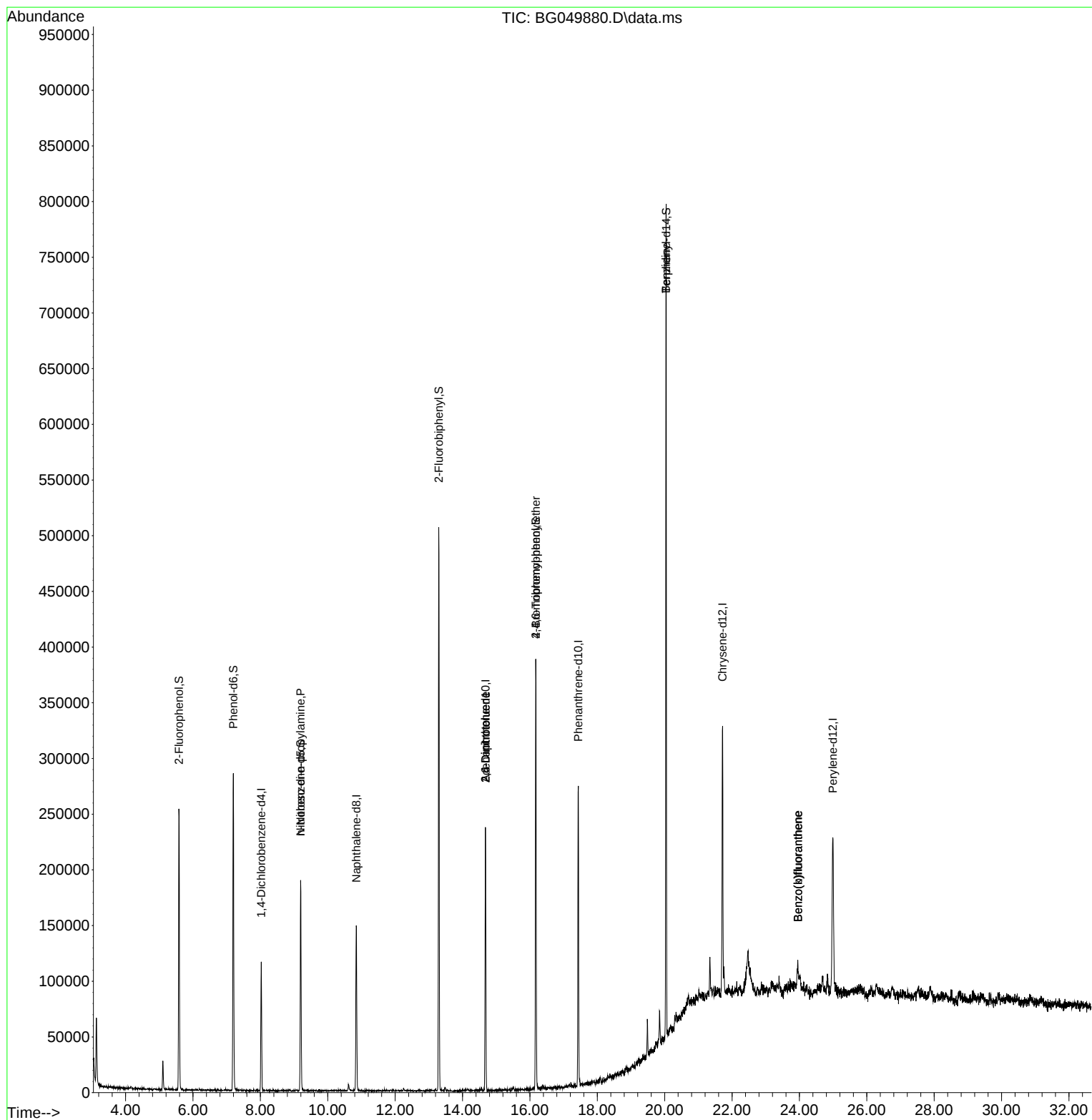
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	31283	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	131680	20.000	ng	# 0.00
39) Acenaphthene-d10	14.681	164	87160	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	167771	20.000	ng	# 0.00
76) Chrysene-d12	21.718	240	146749	20.000	ng	# 0.00
86) Perylene-d12	24.990	264	154944	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	105308	60.345	ng	0.00
7) Phenol-d6	7.197	99	154195	58.371	ng	0.00
23) Nitrobenzene-d5	9.194	82	115967	38.971	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	77147	60.218	ng	0.00
45) 2-Fluorobiphenyl	13.294	172	259359	43.298	ng	0.00
79) Terphenyl-d14	20.044	244	353550	43.756	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.194	70	16820	9.515	ng	# 65
51) 2,6-Dinitrotoluene	14.681	165	10635	7.345	ng	# 11
57) 2,4-Dinitrotoluene	14.681	165	10635	5.230	ng	# 17
67) 4-Bromophenyl-phenylether	16.179	248	4576	2.316	ng	# 1
77) Benzidine	20.038	184	7552	2.008	ng	97
88) Benzo(b)fluoranthene	23.956	252	26062	2.565	ng	# 88
89) Benzo(k)fluoranthene	23.956	252	26062	2.749	ng	# 92

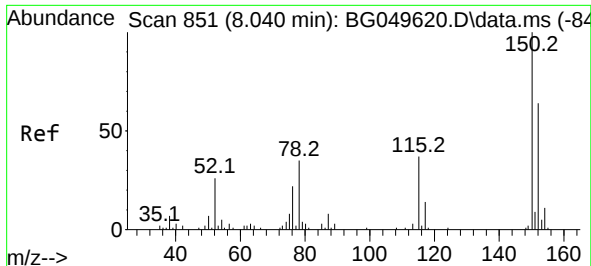
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
BNA_G
ClientSampleId :
4

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QLast Update : Mon Aug 16 18:23:02 2021
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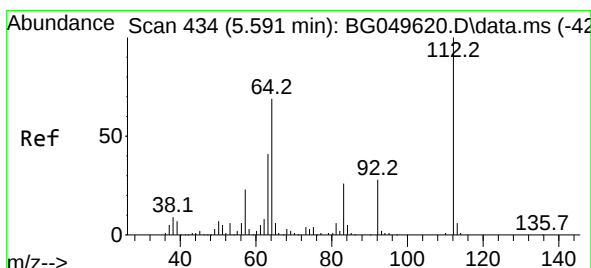
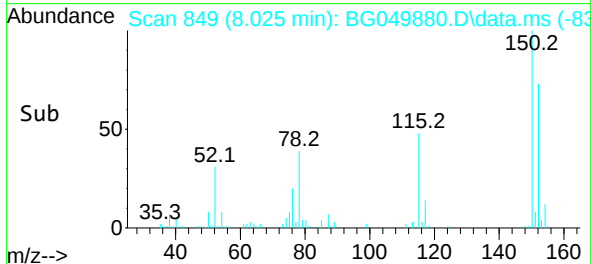
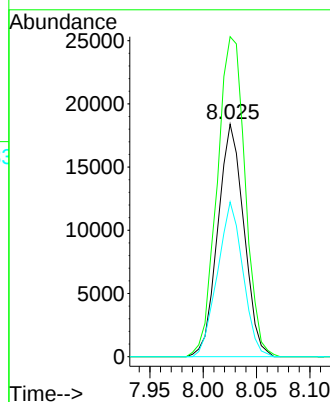
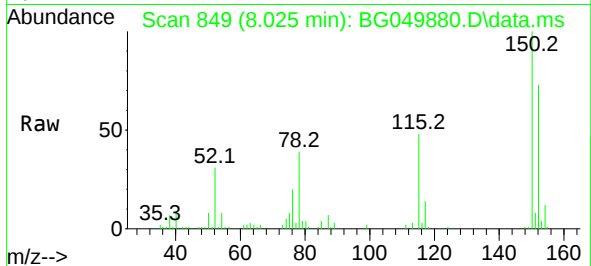




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.025 min Scan# 849
Delta R.T. -0.003 min
Lab File: BG049880.D
Acq: 17 Aug 2021 16:27

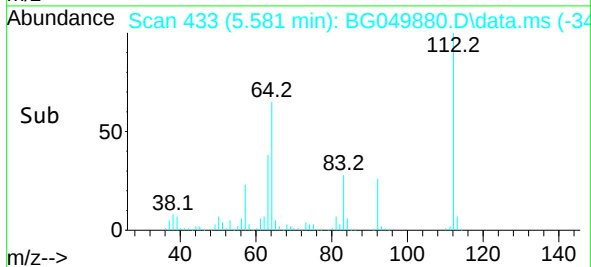
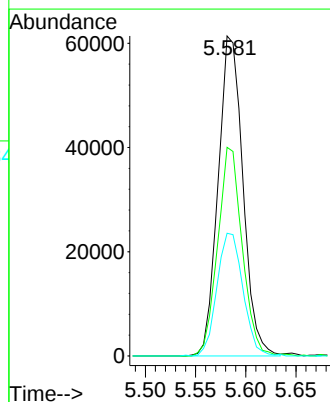
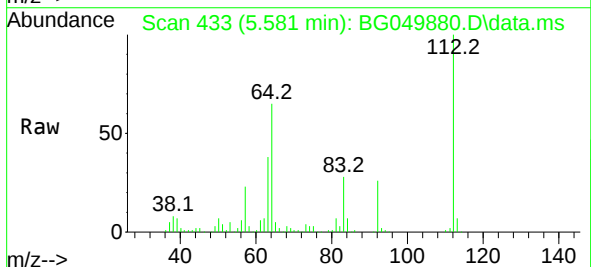
Instrument :
BNA_G
ClientSampleId :
4

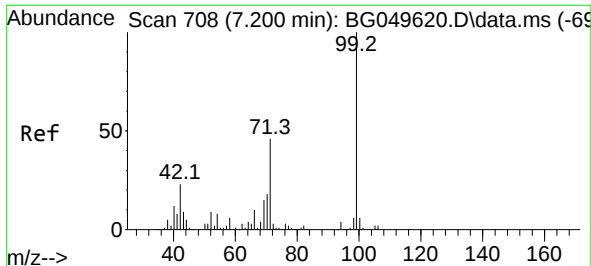
Tgt Ion:152 Resp: 31283
Ion Ratio Lower Upper
152 100
150 137.7 119.4 179.0
115 66.6 60.2 90.4



#5
2-Fluorophenol
Concen: 60.345 ng
RT: 5.581 min Scan# 433
Delta R.T. 0.003 min
Lab File: BG049880.D
Acq: 17 Aug 2021 16:27

Tgt Ion:112 Resp: 105308
Ion Ratio Lower Upper
112 100
64 65.2 46.7 70.1
63 38.4 35.3 52.9

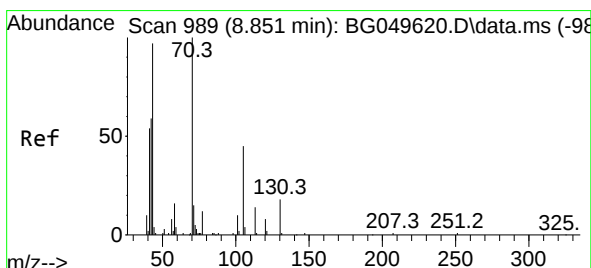
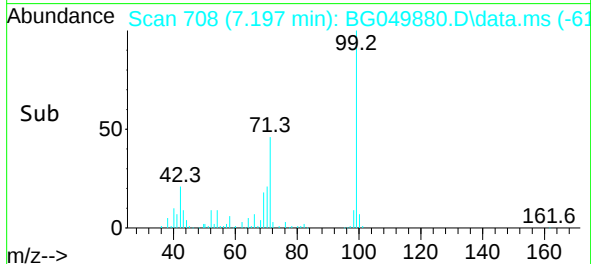
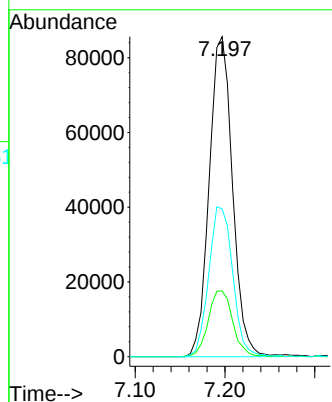
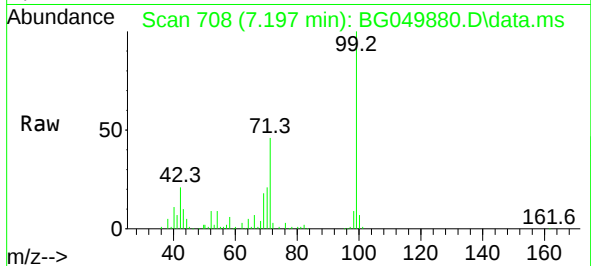




#7
Phenol-d6
Concen: 58.371 ng
RT: 7.197 min Scan# 708
Delta R.T. 0.003 min
Lab File: BG049880.D
Acq: 17 Aug 2021 16:27

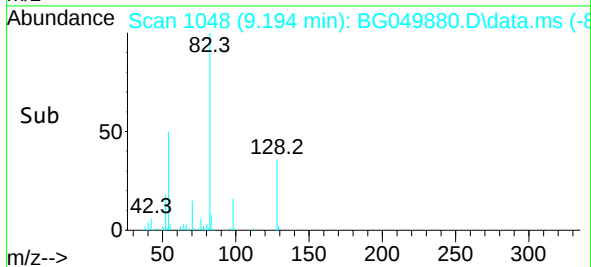
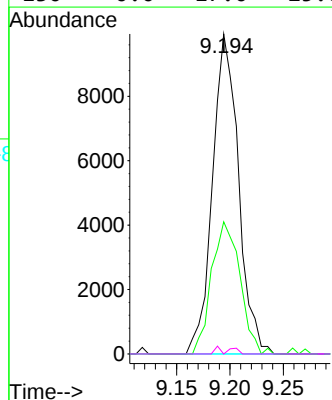
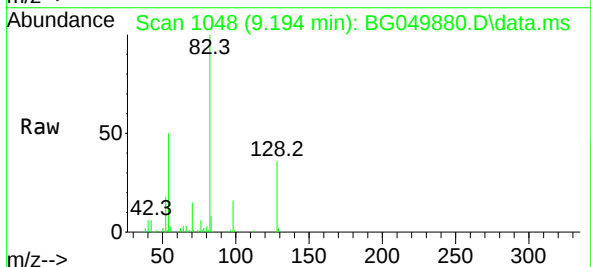
Instrument :
BNA_G
ClientSampleId :
4

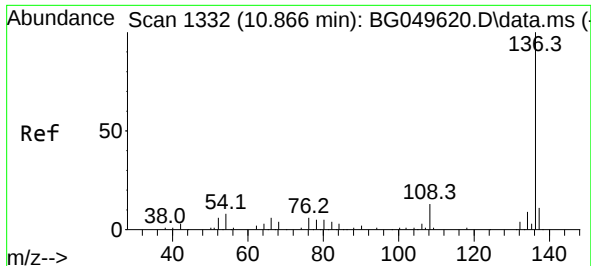
Tgt Ion:	99	Resp:	154195
Ion	Ratio	Lower	Upper
99	100		
42	20.5	20.5	30.7
71	46.2	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.515 ng
RT: 9.194 min Scan# 1048
Delta R.T. 0.356 min
Lab File: BG049880.D
Acq: 17 Aug 2021 16:27

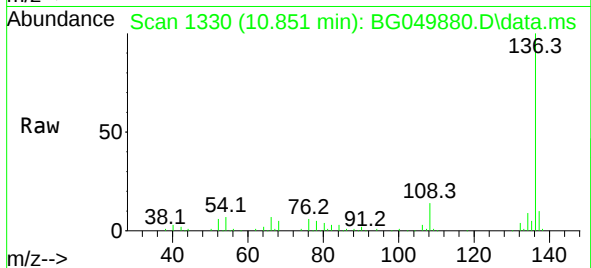
Tgt Ion:	70	Resp:	16820
Ion	Ratio	Lower	Upper
70	100		
42	41.3	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#



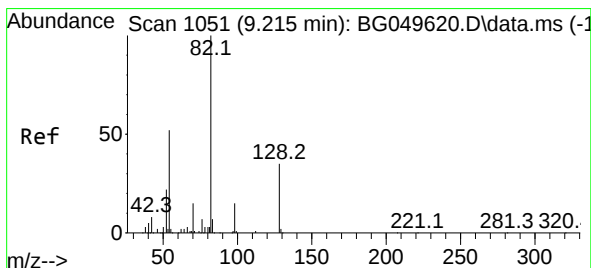
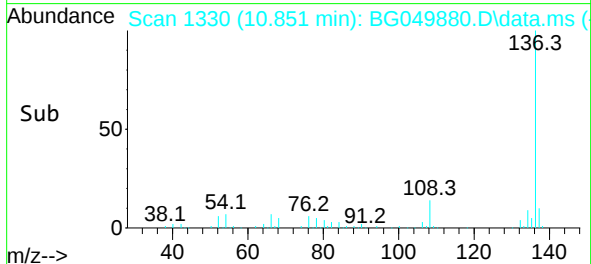
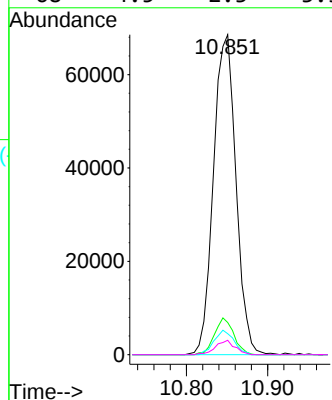


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1330
Delta R.T. 0.003 min
Lab File: BG049880.D
Acq: 17 Aug 2021 16:27

Instrument :
BNA_G
ClientSampleId :
4

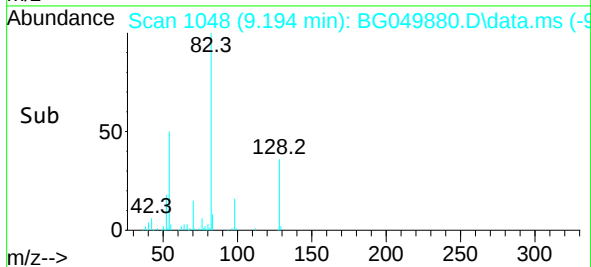
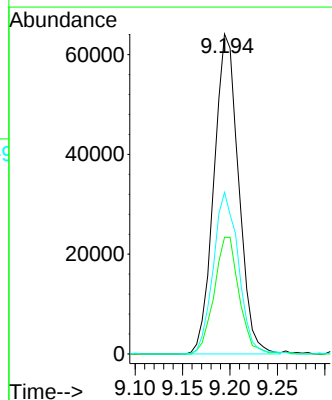
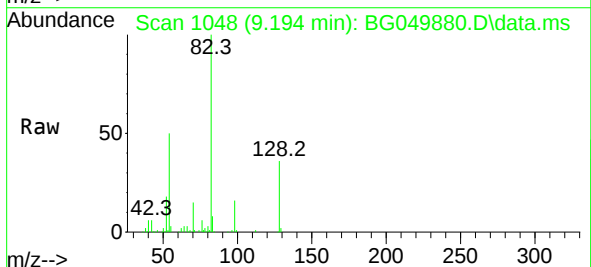


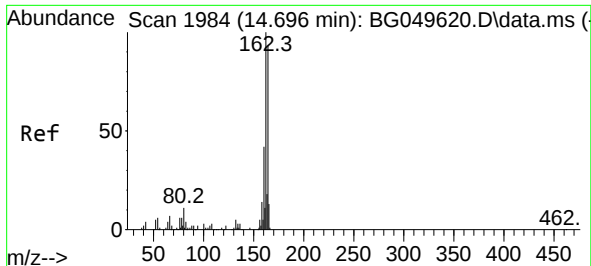
Tgt Ion:136 Resp: 131680
Ion Ratio Lower Upper
136 100
137 10.0 8.2 12.2
54 6.5 5.5 8.3
68 4.5 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 38.971 ng
RT: 9.194 min Scan# 1048
Delta R.T. -0.003 min
Lab File: BG049880.D
Acq: 17 Aug 2021 16:27

Tgt Ion: 82 Resp: 115967
Ion Ratio Lower Upper
82 100
128 36.5 29.8 44.6
54 50.5 45.8 68.8

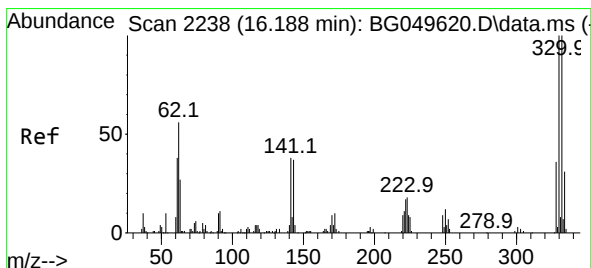
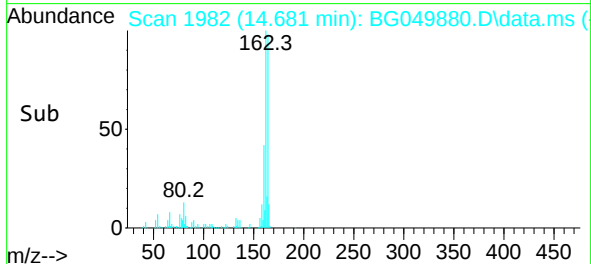
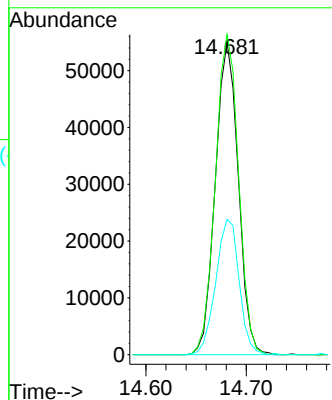
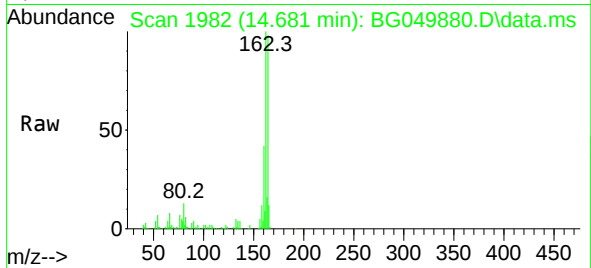




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.681 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG049880.D
Acq: 17 Aug 2021 16:27

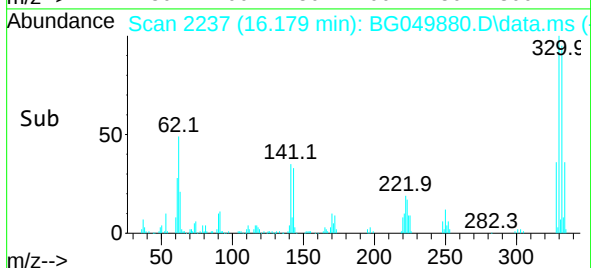
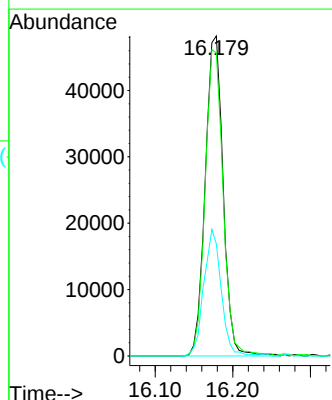
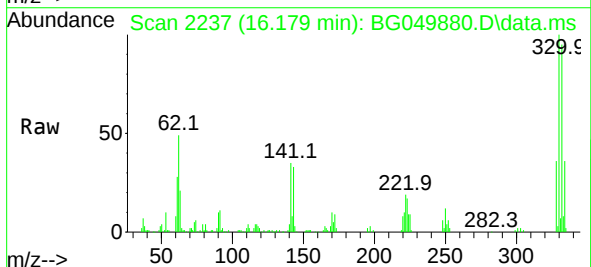
Instrument :
BNA_G
ClientSampleId :
4

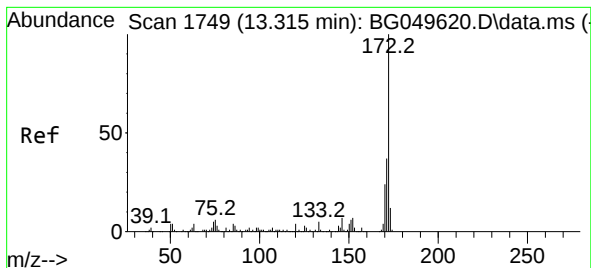
Tgt Ion:164 Resp: 87160
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 43.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 60.218 ng
RT: 16.179 min Scan# 2237
Delta R.T. 0.003 min
Lab File: BG049880.D
Acq: 17 Aug 2021 16:27

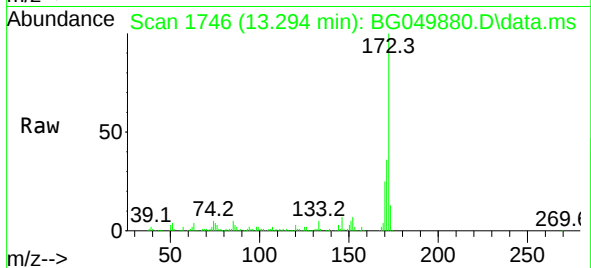
Tgt Ion:330 Resp: 77147
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 38.3 35.6 53.4



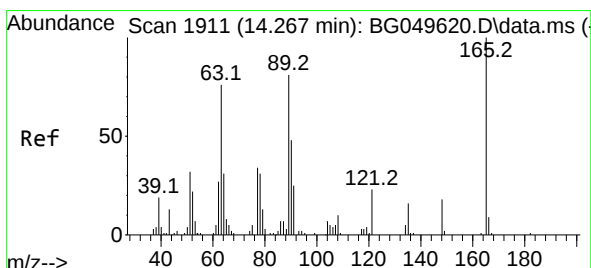
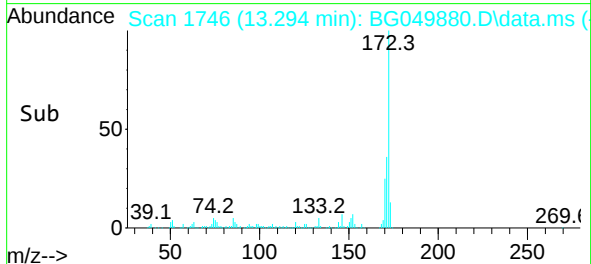
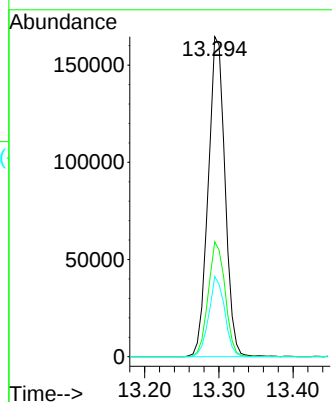


#45
2-Fluorobiphenyl
Concen: 43.298 ng
RT: 13.294 min Scan# 1746
Delta R.T. -0.009 min
Lab File: BG049880.D
Acq: 17 Aug 2021 16:27

Instrument :
BNA_G
ClientSampleId :
4

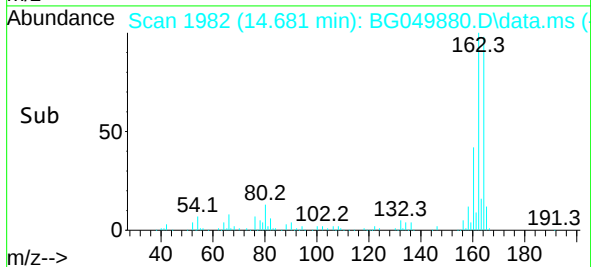
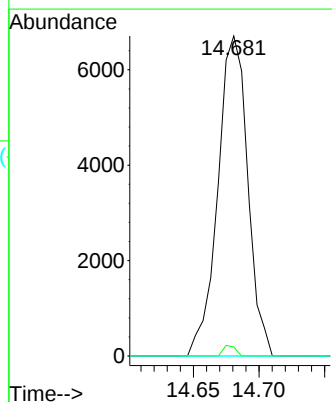
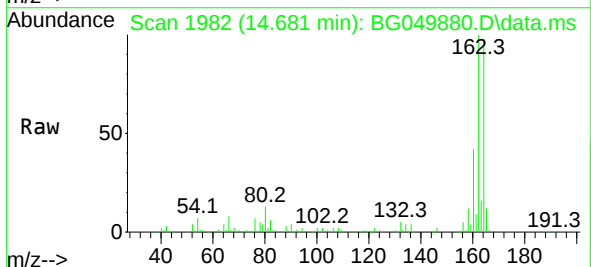


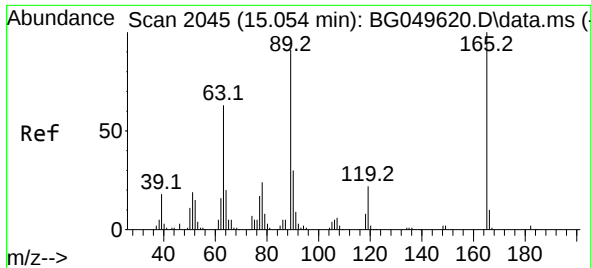
Tgt Ion:172 Resp: 259359
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 25.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.345 ng
RT: 14.681 min Scan# 1982
Delta R.T. 0.426 min
Lab File: BG049880.D
Acq: 17 Aug 2021 16:27

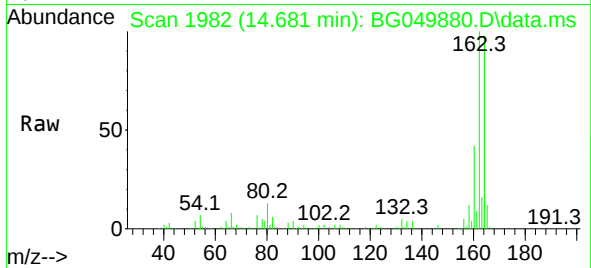
Tgt Ion:165 Resp: 10635
Ion Ratio Lower Upper
165 100
63 2.8 63.3 94.9#
89 0.0 63.4 95.0#



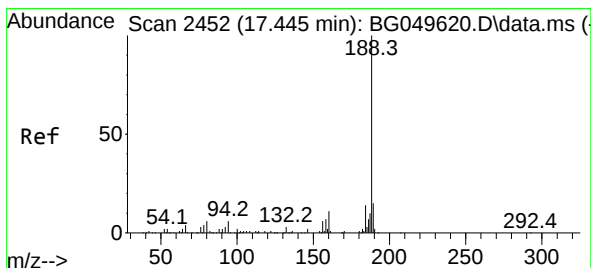
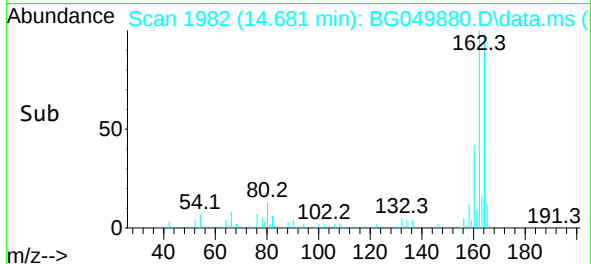
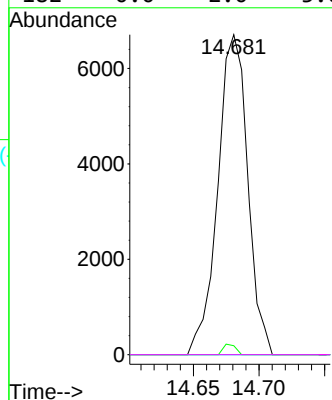


#57
2,4-Dinitrotoluene
Concen: 5.230 ng
RT: 14.681 min Scan# 1982
Delta R.T. -0.367 min
Lab File: BG049880.D
Acq: 17 Aug 2021 16:27

Instrument :
BNA_G
ClientSampled :
4

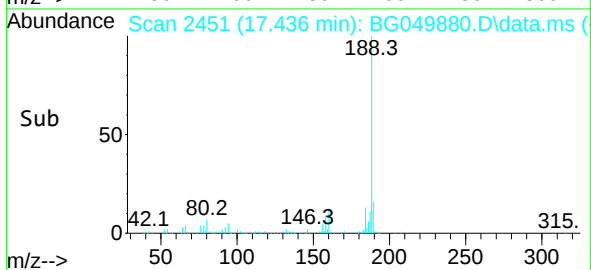
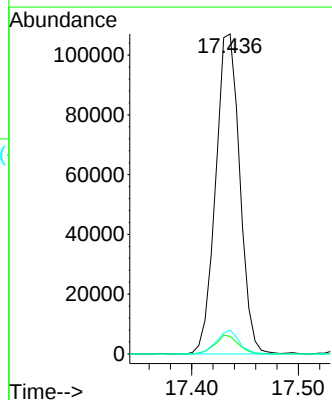
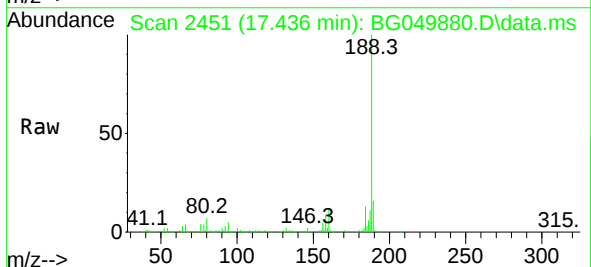


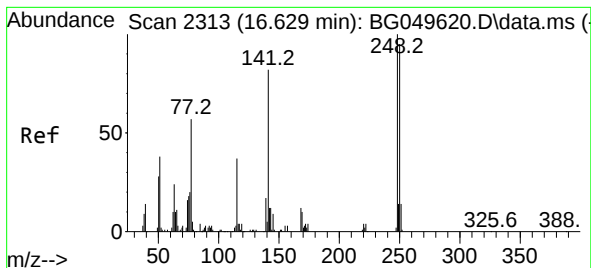
Tgt Ion:165 Resp: 10635
Ion Ratio Lower Upper
165 100
63 2.8 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 2451
Delta R.T. -0.003 min
Lab File: BG049880.D
Acq: 17 Aug 2021 16:27

Tgt Ion:188 Resp: 167771
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 7.4 3.7 5.5#

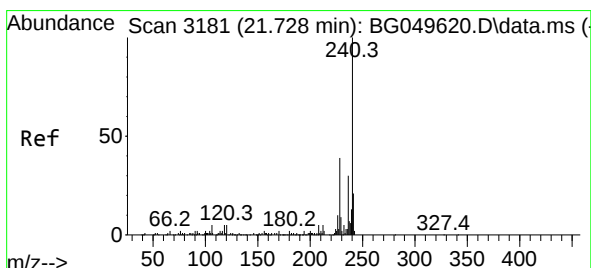
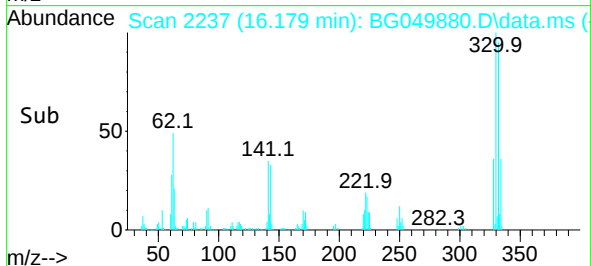
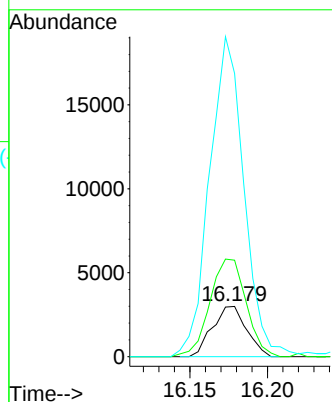
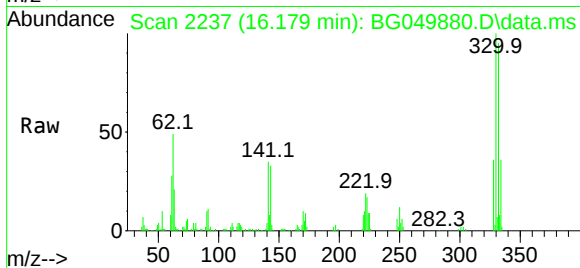




#67
4-Bromophenyl-phenylether
Concen: 2.316 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.438 min
Lab File: BG049880.D
Acq: 17 Aug 2021 16:27

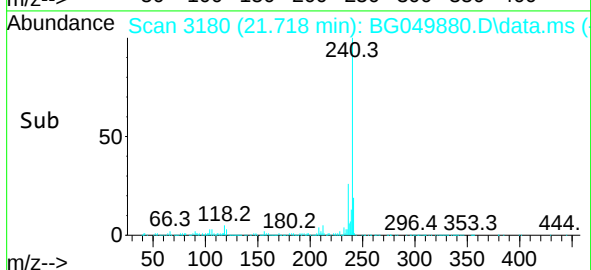
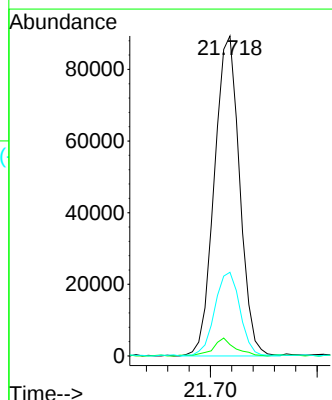
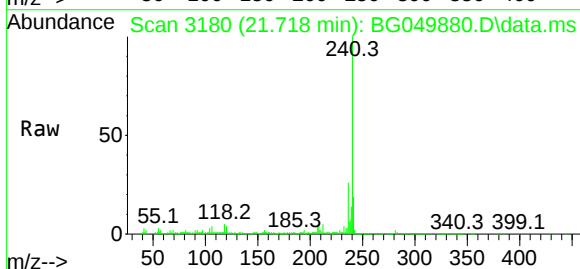
Instrument :
BNA_G
ClientSampleId :
4

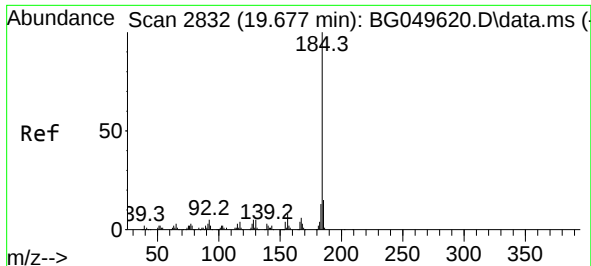
Tgt Ion:248 Resp: 4576
Ion Ratio Lower Upper
248 100
250 191.7 76.1 114.1#
141 563.0 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.718 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BG049880.D
Acq: 17 Aug 2021 16:27

Tgt Ion:240 Resp: 146749
Ion Ratio Lower Upper
240 100
120 3.6 4.2 6.2#
236 26.1 21.8 32.6

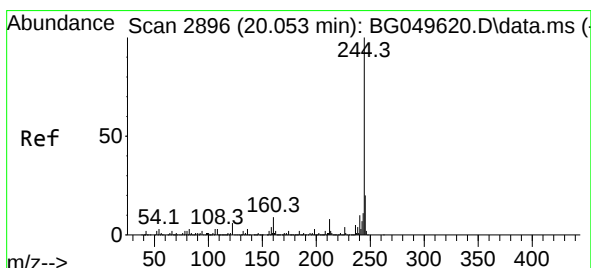
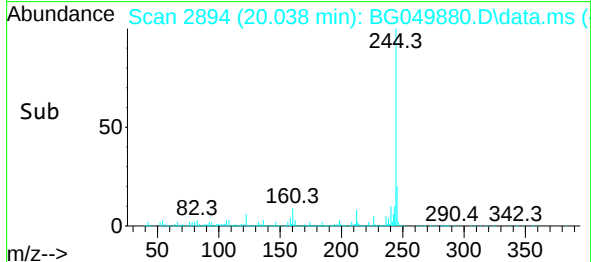
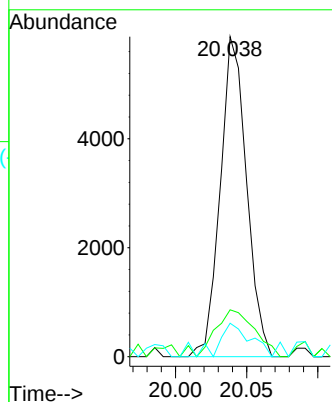
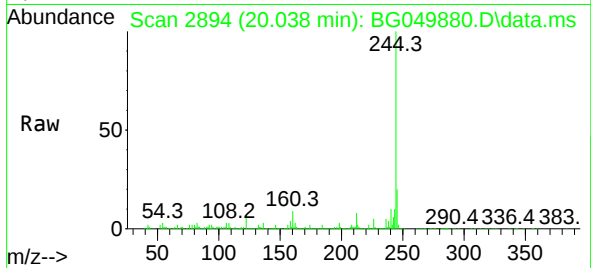




#77
Benzidine
Concen: 2.008 ng
RT: 20.038 min Scan# 2894
Delta R.T. 0.373 min
Lab File: BG049880.D
Acq: 17 Aug 2021 16:27

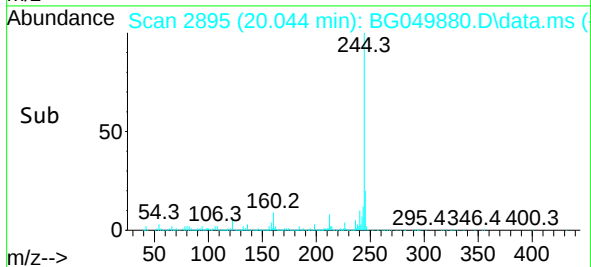
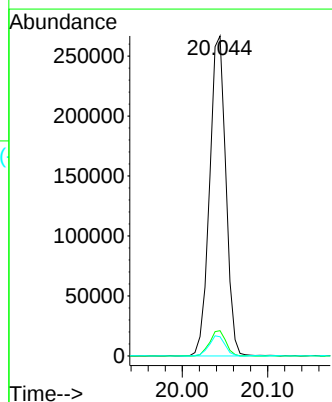
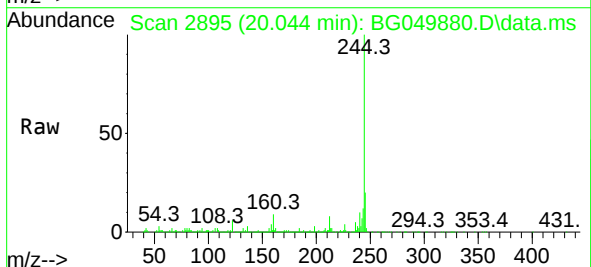
Instrument :
BNA_G
ClientSampleId :
4

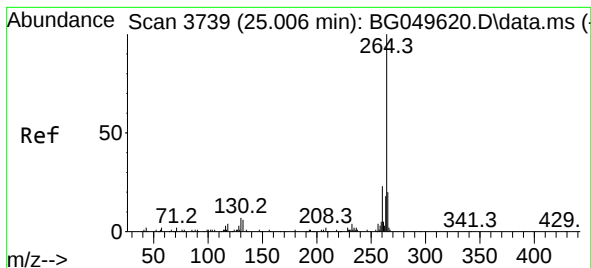
Tgt Ion:184 Resp: 7552
Ion Ratio Lower Upper
184 100
185 14.6 10.7 16.1
183 10.5 9.4 14.0



#79
Terphenyl-d14
Concen: 43.756 ng
RT: 20.044 min Scan# 2895
Delta R.T. -0.003 min
Lab File: BG049880.D
Acq: 17 Aug 2021 16:27

Tgt Ion:244 Resp: 353550
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 6.0 5.0 7.6

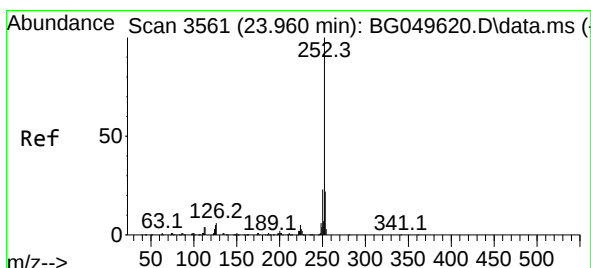
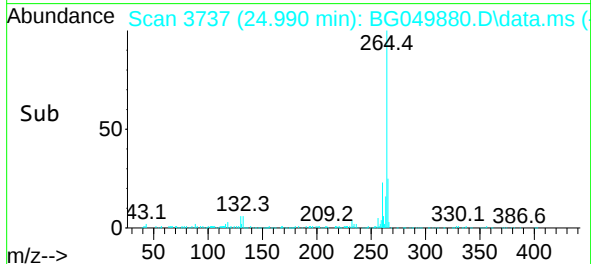
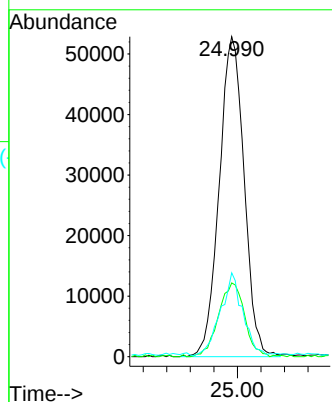
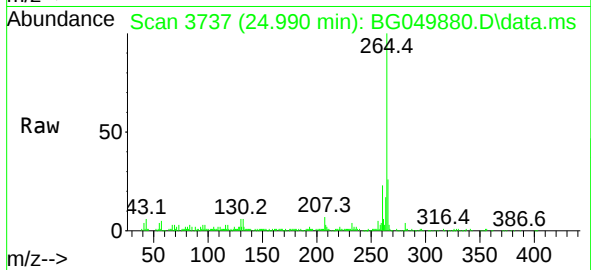




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.990 min Scan# 3737
 Delta R.T. 0.003 min
 Lab File: BG049880.D
 Acq: 17 Aug 2021 16:27

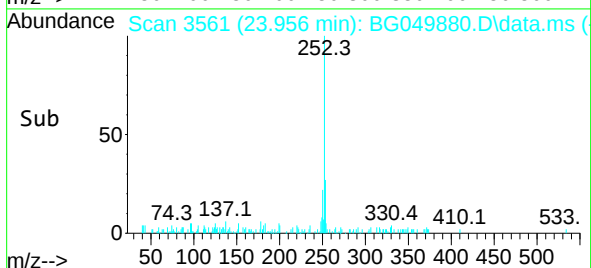
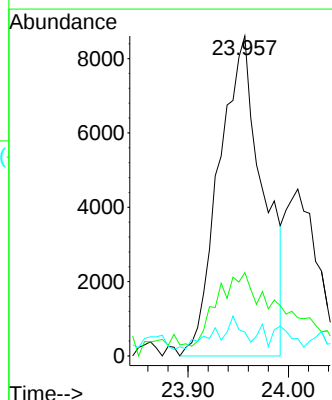
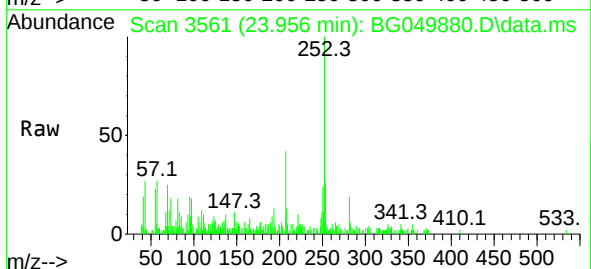
Instrument :
 BNA_G
 ClientSampled :
 4

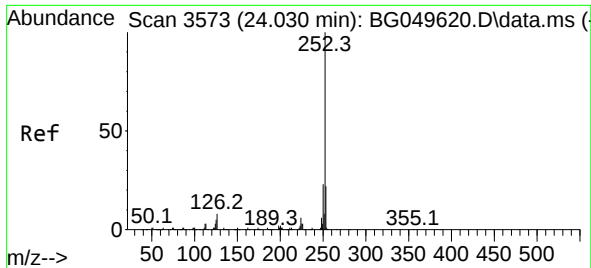
Tgt Ion:264 Resp: 154944
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 26.2 16.9 25.3#



#88
 Benzo(b)fluoranthene
 Concen: 2.565 ng
 RT: 23.956 min Scan# 3561
 Delta R.T. 0.003 min
 Lab File: BG049880.D
 Acq: 17 Aug 2021 16:27

Tgt Ion:252 Resp: 26062
 Ion Ratio Lower Upper
 252 100
 253 26.0 16.2 24.4#
 125 7.5 3.0 4.4#





#89

Benzo(k)fluoranthene

Concen: 2.749 ng

RT: 23.956 min Scan# 3561

Delta R.T. -0.062 min

Lab File: BG049880.D

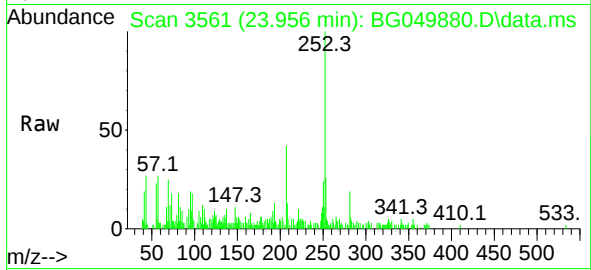
Acq: 17 Aug 2021 16:27

Instrument :

BNA_G

ClientSampleId :

4



Tgt Ion:252 Resp: 26062

Ion Ratio Lower Upper

252 100

253 26.0 18.0 27.0

125 7.5 3.1 4.7#

