

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057426.D
 Acq On : 13 May 2023 4:01
 Operator : CG/JU
 Sample : PB152629BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152629BL

Quant Time: May 13 04:53:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

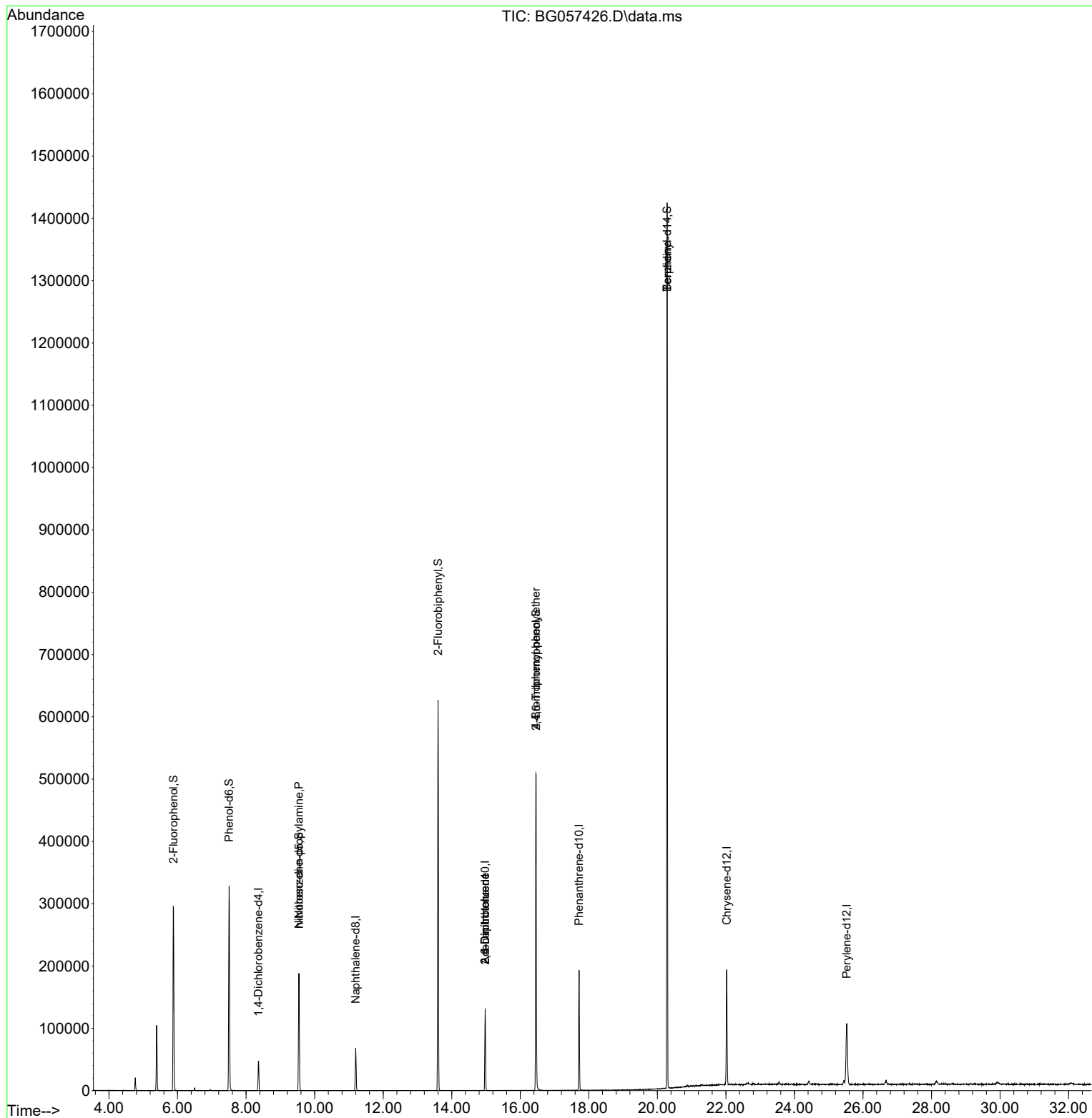
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	14494	20.000	ng	0.00
21) Naphthalene-d8	11.199	136	58725	20.000	ng	# 0.00
39) Acenaphthene-d10	14.976	164	47849	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	133157	20.000	ng	0.00
76) Chrysene-d12	22.025	240	123274	20.000	ng	0.00
86) Perylene-d12	25.526	264	129836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	132929	156.885	ng	0.00
7) Phenol-d6	7.504	99	193305	150.238	ng	0.00
23) Nitrobenzene-d5	9.542	82	120727	86.284	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	112897	166.287	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	330732	93.091	ng	0.00
79) Terphenyl-d14	20.286	244	741947	98.220	ng	0.00
Target Compounds						
9) Benzaldehyde	7.509	77	159	Below Cal		Qvalue # 4
19) n-Nitroso-di-n-propyla...	9.542	70	17075	17.404	ng	# 80
51) 2,6-Dinitrotoluene	14.976	165	6308	7.857	ng	# 17
57) 2,4-Dinitrotoluene	14.976	165	6308	5.498	ng	# 20
67) 4-Bromophenyl-phenylether	16.456	248	7948	4.890	ng	# 1
77) Benzidine	20.286	184	10605	3.848	ng	# 91

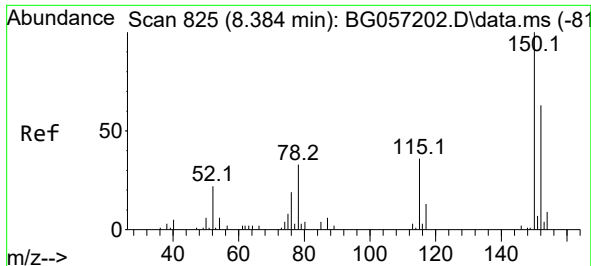
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
Data File : BG057426.D
Acq On : 13 May 2023 4:01
Operator : CG/JU
Sample : PB152629BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB152629BL

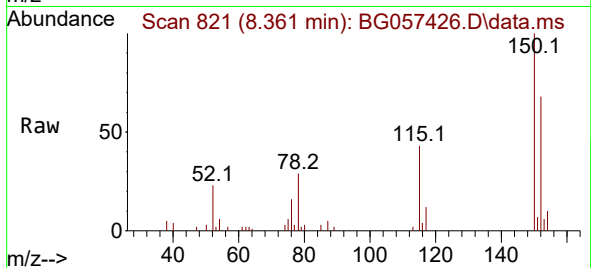
Quant Time: May 13 04:53:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration



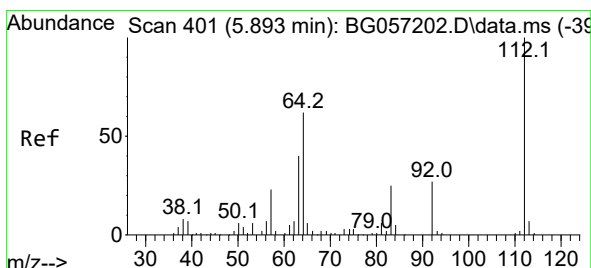
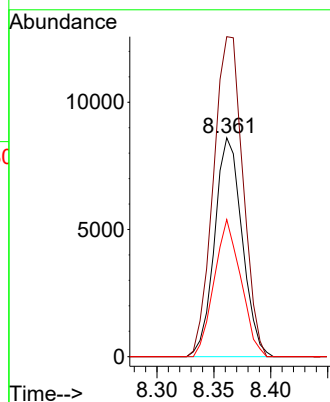
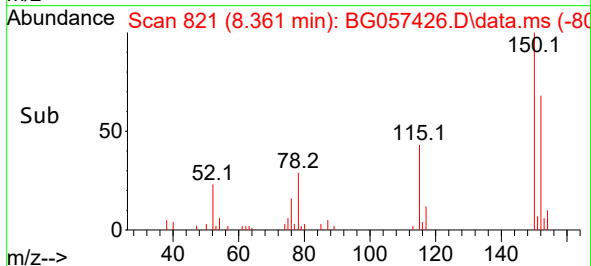


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

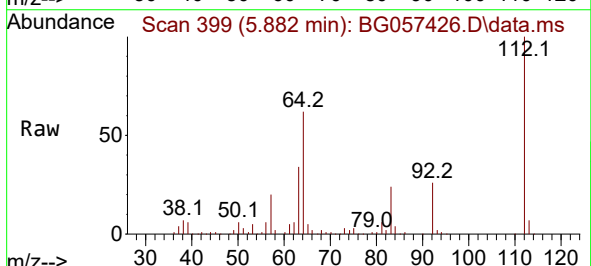
Instrument :
BNA_G
ClientSampleId :
PB152629BL



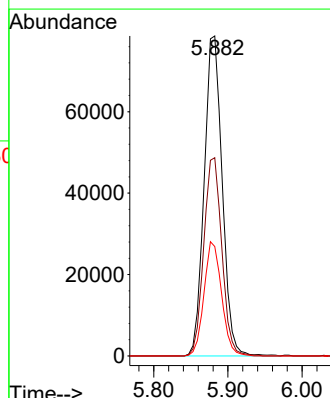
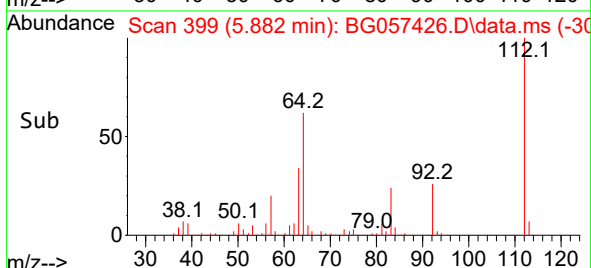
Tgt Ion:152 Resp: 14494
Ion Ratio Lower Upper
152 100
150 146.2 126.2 189.4
115 62.7 45.0 67.4

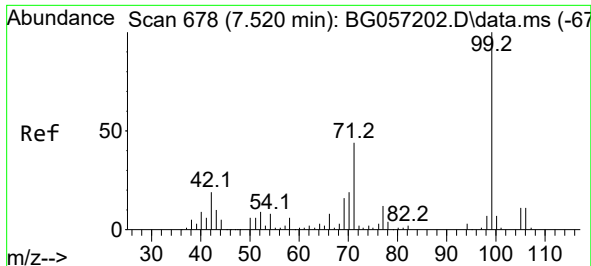


#5
2-Fluorophenol
Concen: 156.885 ng
RT: 5.882 min Scan# 399
Delta R.T. 0.004 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01



Tgt Ion:112 Resp: 132929
Ion Ratio Lower Upper
112 100
64 61.9 49.4 74.2
63 34.2 31.6 47.4

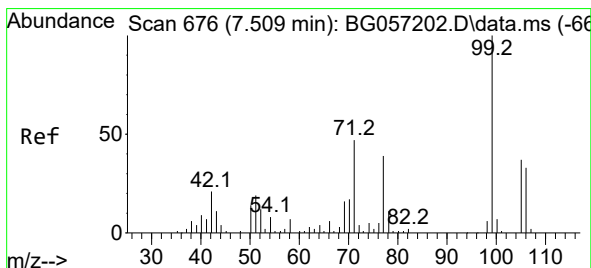
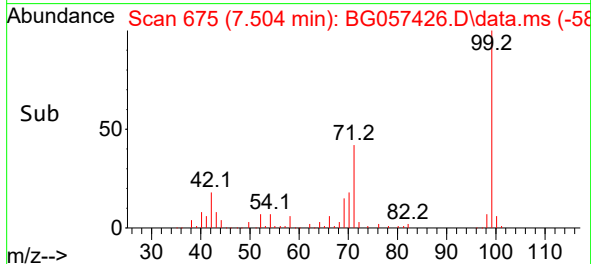
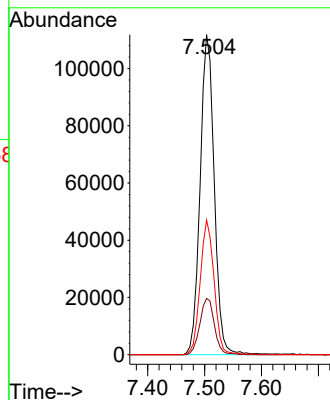
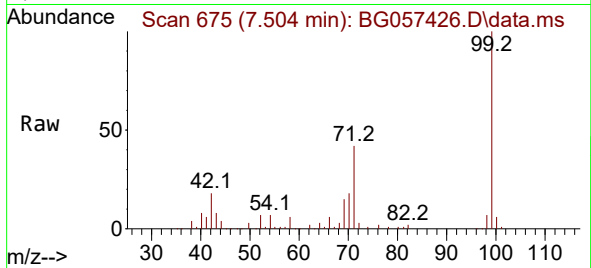




#7
Phenol-d6
Concen: 150.238 ng
RT: 7.504 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

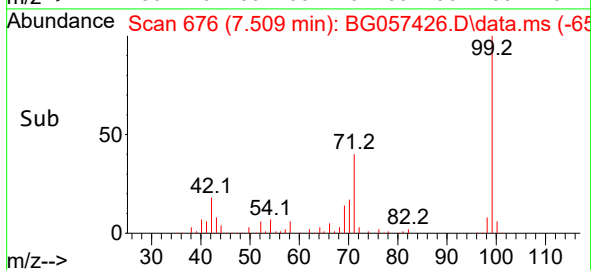
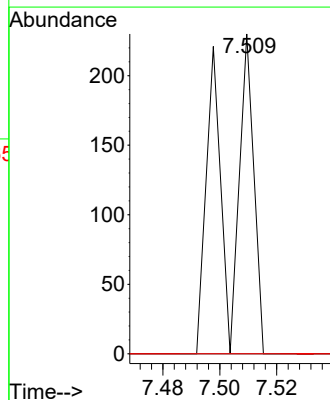
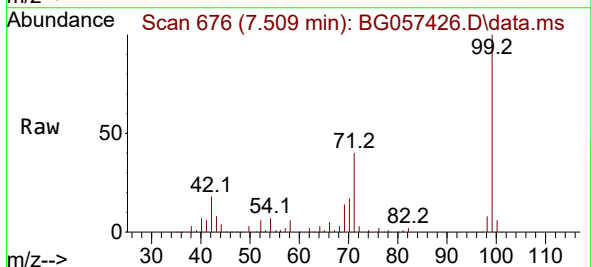
Instrument :
BNA_G
ClientSampleId :
PB152629BL

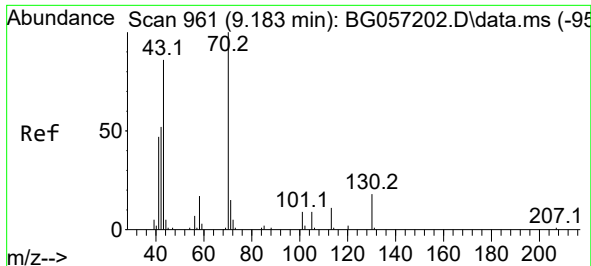
Tgt Ion: 99 Resp: 193305
Ion Ratio Lower Upper
99 100
42 17.6 15.1 22.7
71 42.1 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.509 min Scan# 676
Delta R.T. 0.021 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

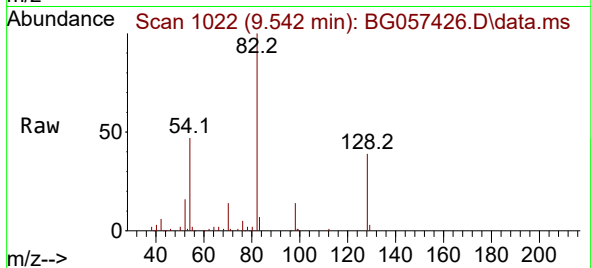
Tgt Ion: 77 Resp: 159
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#



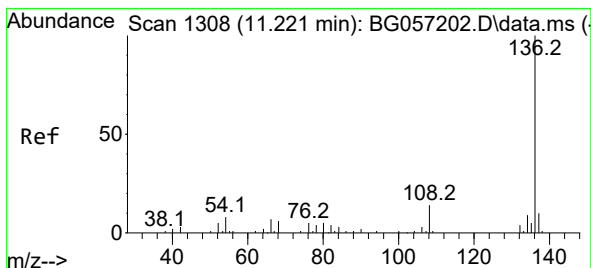
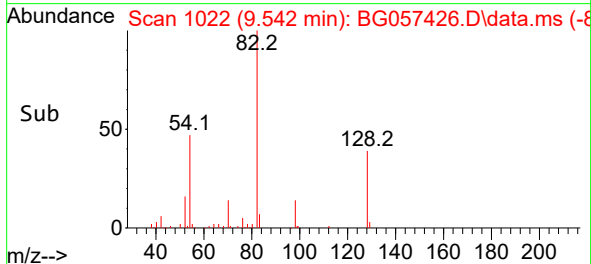
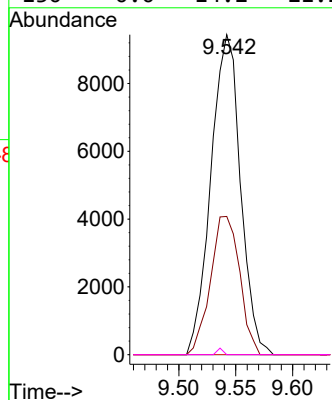


#19
n-Nitroso-di-n-propylamine
Concen: 17.404 ng
RT: 9.542 min Scan# 1022
Delta R.T. 0.374 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

Instrument :
BNA_G
ClientSampleId :
PB152629BL

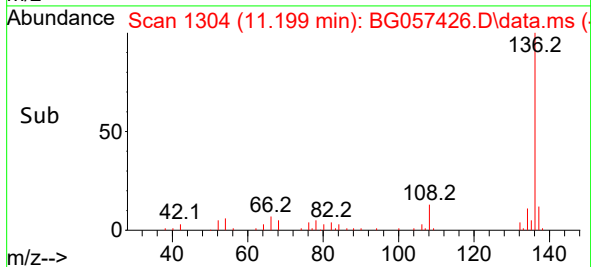
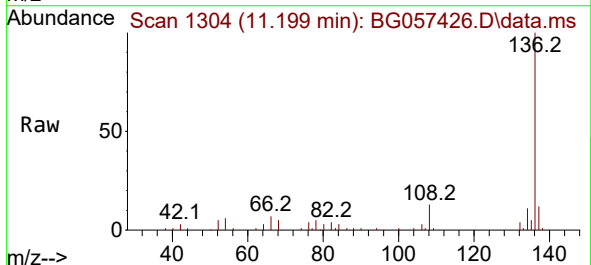
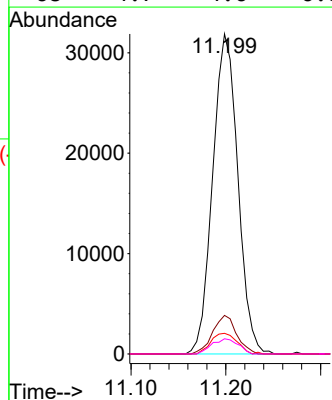


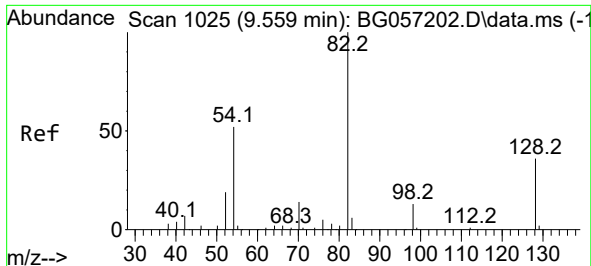
Tgt Ion: 70 Resp: 17075
Ion Ratio Lower Upper
70 100
42 43.2 41.8 62.8
101 0.0 6.8 10.2#
130 0.0 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.199 min Scan# 1304
Delta R.T. -0.002 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

Tgt Ion: 136 Resp: 58725
Ion Ratio Lower Upper
136 100
137 12.1 8.3 12.5
54 6.4 6.7 10.1#
68 4.7 4.6 6.8

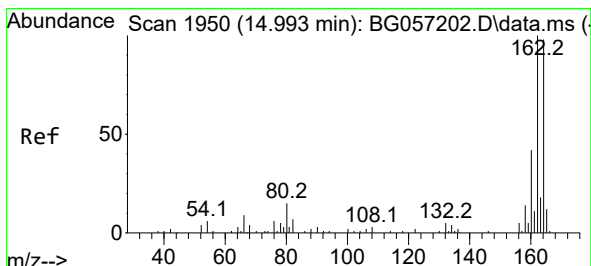
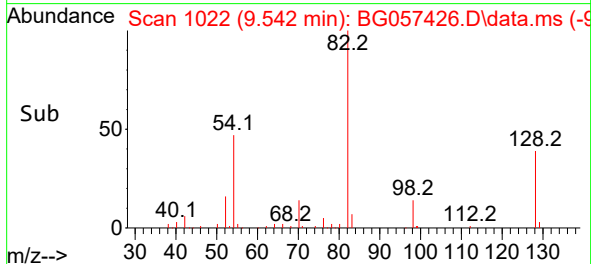
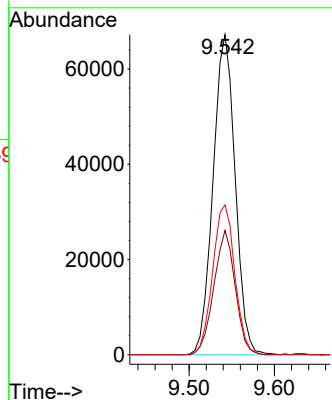
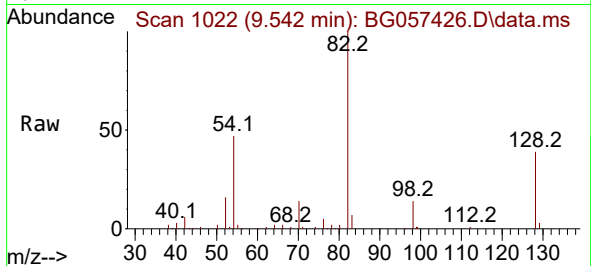




#23
Nitrobenzene-d5
Concen: 86.284 ng
RT: 9.542 min Scan# 1022
Delta R.T. -0.002 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

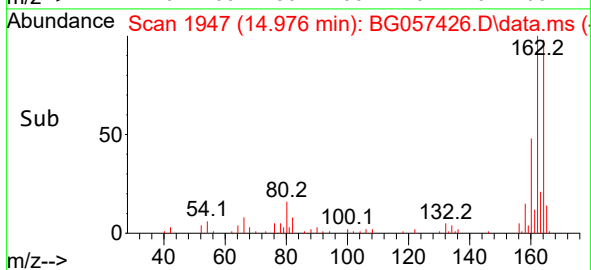
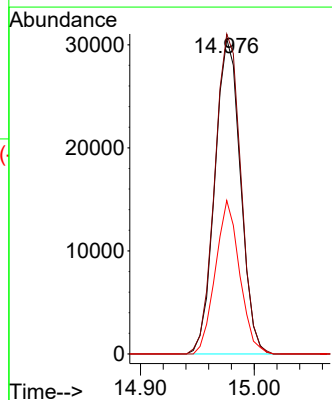
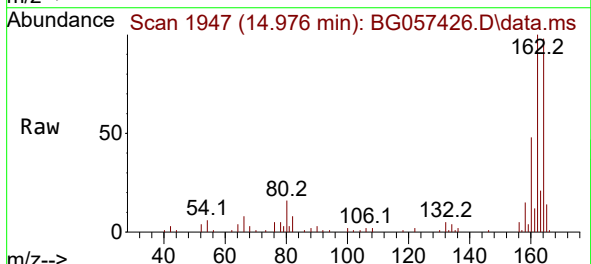
Instrument :
BNA_G
ClientSampleId :
PB152629BL

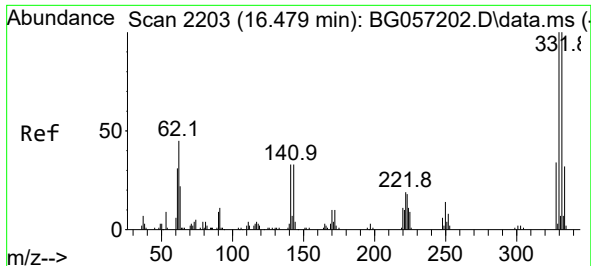
Tgt Ion: 82 Resp: 120727
Ion Ratio Lower Upper
82 100
128 38.8 29.0 43.4
54 46.8 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.976 min Scan# 1947
Delta R.T. -0.002 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

Tgt Ion:164 Resp: 47849
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 48.7 34.6 52.0

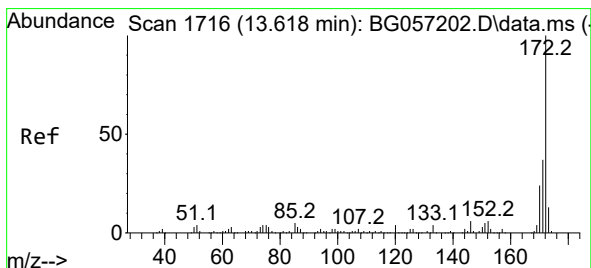
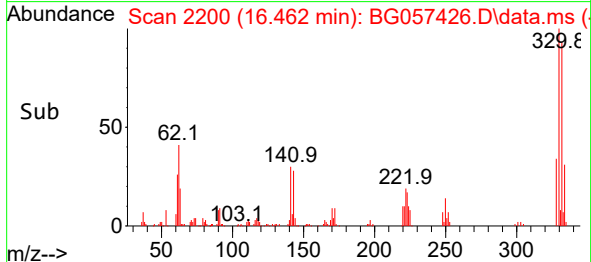
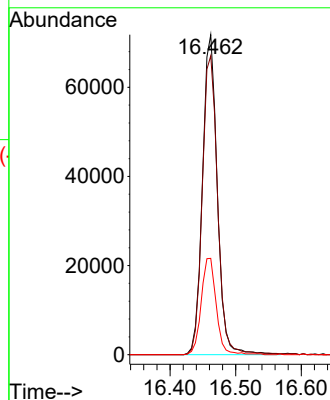
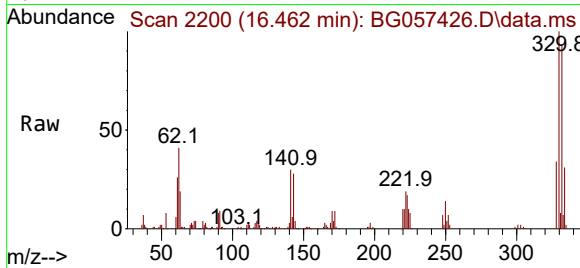




#42
2,4,6-Tribromophenol
Concen: 166.287 ng
RT: 16.462 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

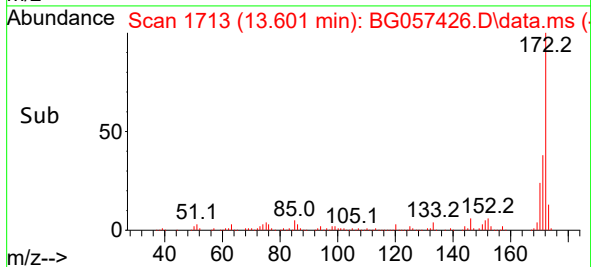
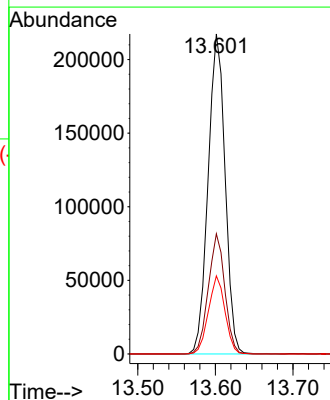
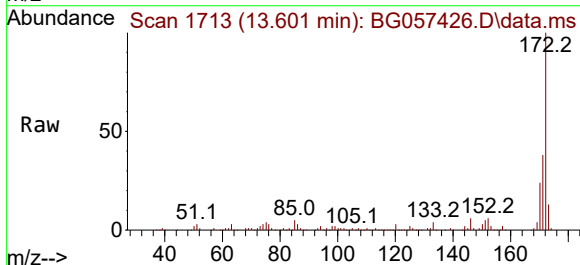
Instrument :
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ClientSampleId :
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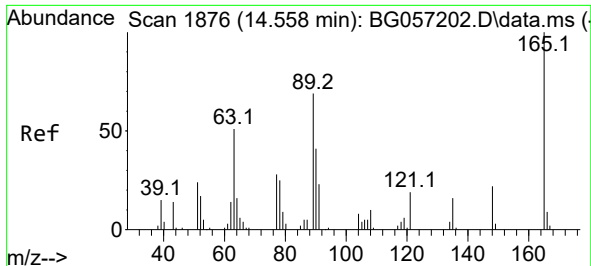
Tgt Ion:330 Resp: 112897
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.2
141 30.6 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 93.091 ng
RT: 13.601 min Scan# 1713
Delta R.T. -0.002 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

Tgt Ion:172 Resp: 330732
Ion Ratio Lower Upper
172 100
171 37.6 29.4 44.0
170 24.4 19.0 28.6

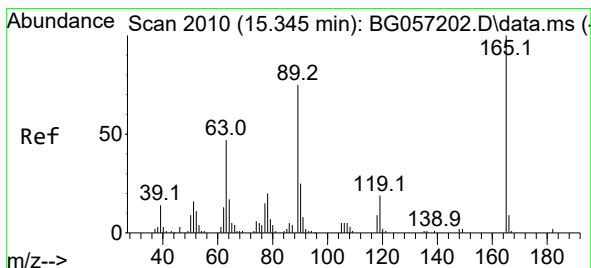
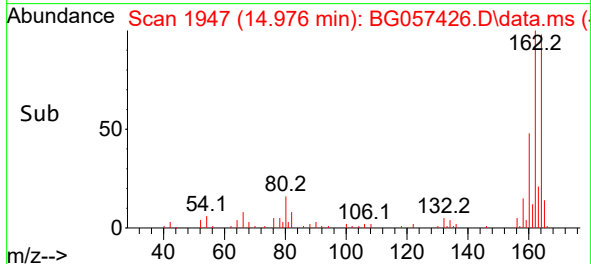
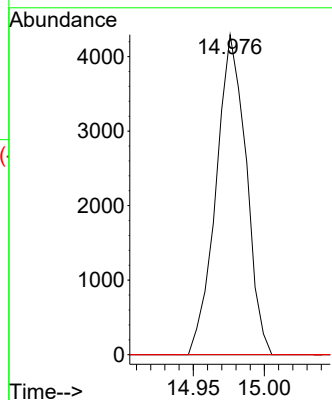
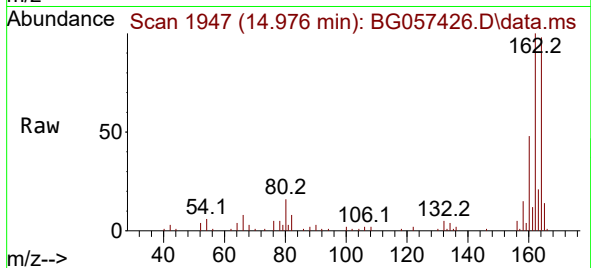




#51
2,6-Dinitrotoluene
Concen: 7.857 ng
RT: 14.976 min Scan# 1947
Delta R.T. 0.427 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

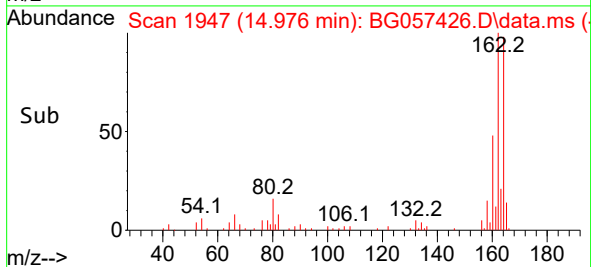
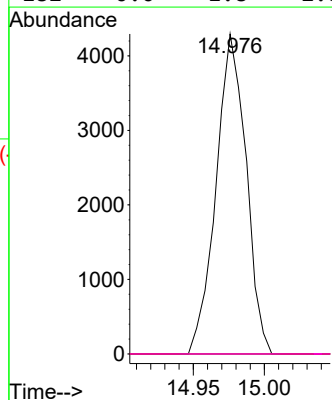
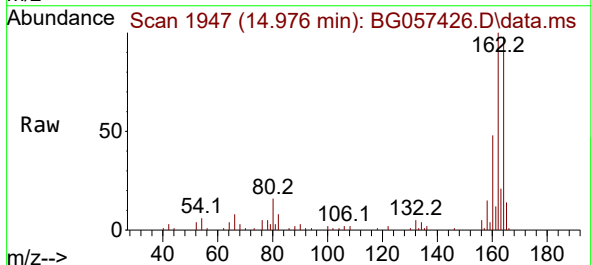
Instrument :
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ClientSampleId :
PB152629BL

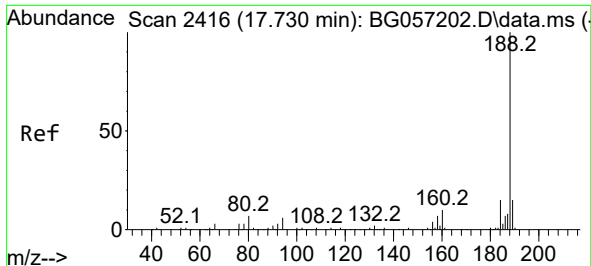
Tgt Ion:165 Resp: 6308
Ion Ratio Lower Upper
165 100
63 0.0 50.9 76.3#
89 0.0 55.2 82.8#



#57
2,4-Dinitrotoluene
Concen: 5.498 ng
RT: 14.976 min Scan# 1947
Delta R.T. -0.361 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

Tgt Ion:165 Resp: 6308
Ion Ratio Lower Upper
165 100
63 0.0 37.5 56.3#
89 0.0 60.2 90.4#
182 0.0 1.8 2.8#

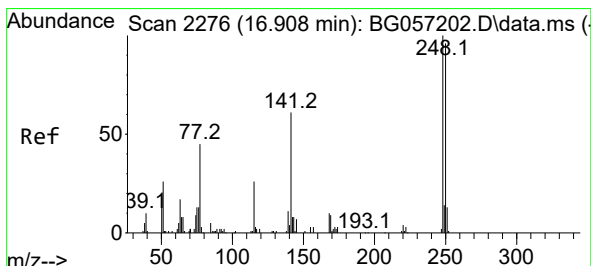
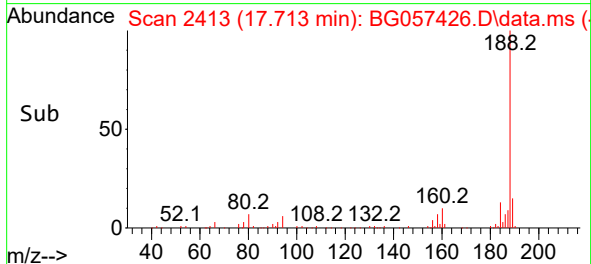
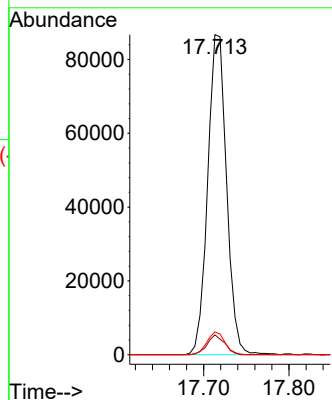
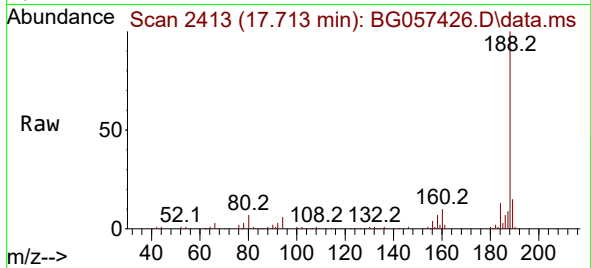




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2416
Delta R.T. -0.008 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

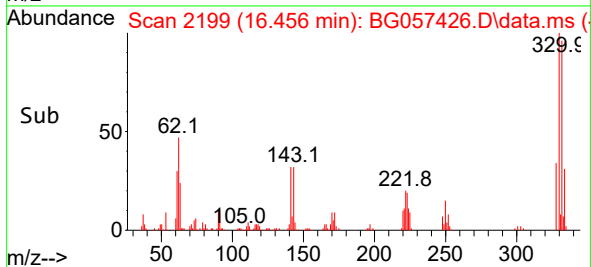
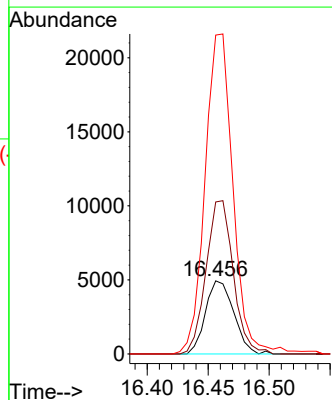
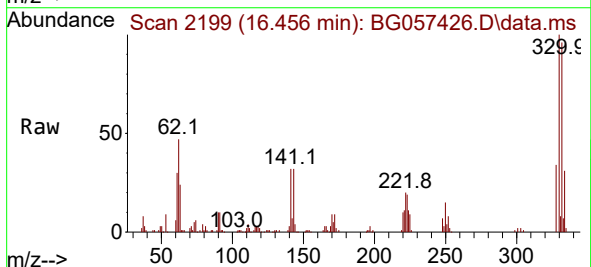
Instrument :
BNA_G
ClientSampleId :
PB152629BL

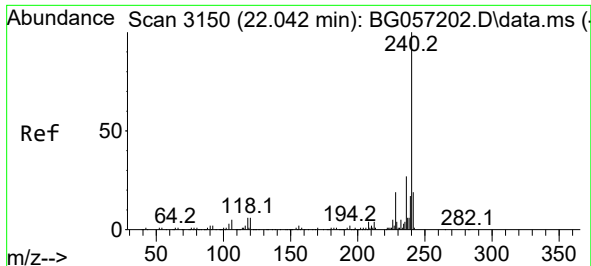
Tgt Ion:188 Resp: 133157
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.1 5.7 8.5



#67
4-Bromophenyl-phenylether
Concen: 4.890 ng
RT: 16.456 min Scan# 2199
Delta R.T. -0.437 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

Tgt Ion:248 Resp: 7948
Ion Ratio Lower Upper
248 100
250 208.1 77.0 115.6#
141 436.4 48.6 72.8#

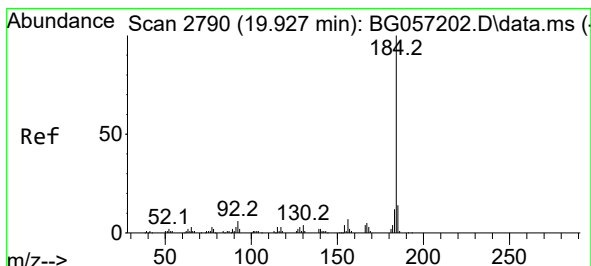
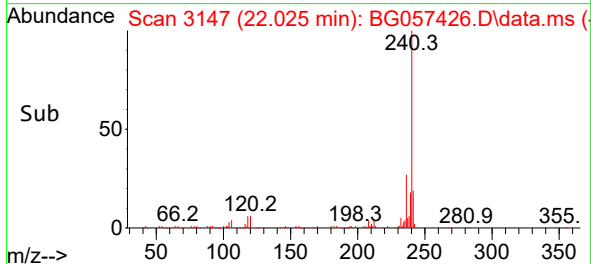
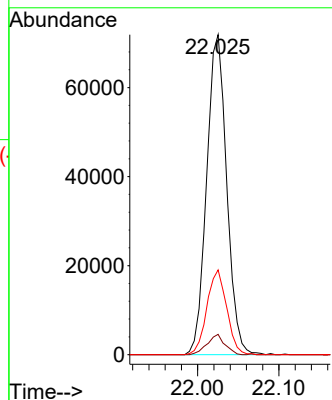
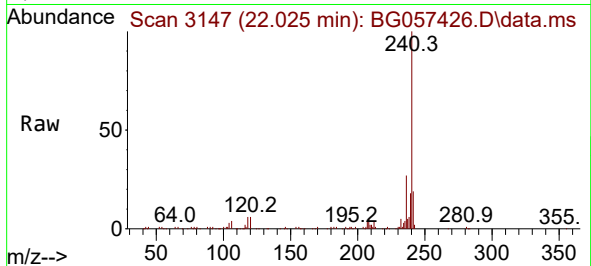




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 3150
Delta R.T. -0.008 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

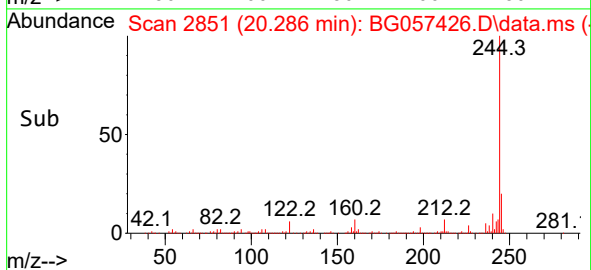
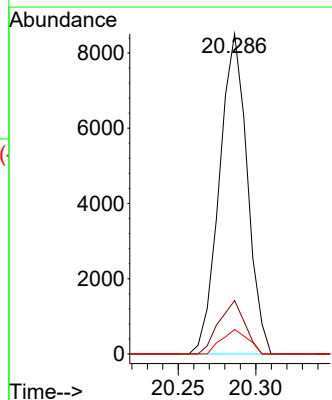
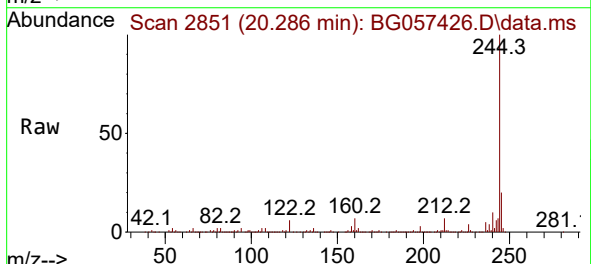
Instrument :
BNA_G
ClientSampleId :
PB152629BL

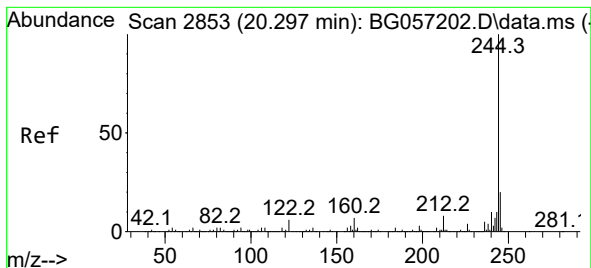
Tgt Ion:240 Resp: 123274
Ion Ratio Lower Upper
240 100
120 6.3 4.9 7.3
236 26.5 21.4 32.2



#77
Benzidine
Concen: 3.848 ng
RT: 20.286 min Scan# 2851
Delta R.T. 0.368 min
Lab File: BG057426.D
Acq: 13 May 2023 4:01

Tgt Ion:184 Resp: 10605
Ion Ratio Lower Upper
184 100
185 16.7 11.1 16.7#
183 7.7 9.9 14.9#





#79

Terphenyl-d14

Concen: 98.220 ng

RT: 20.286 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057426.D

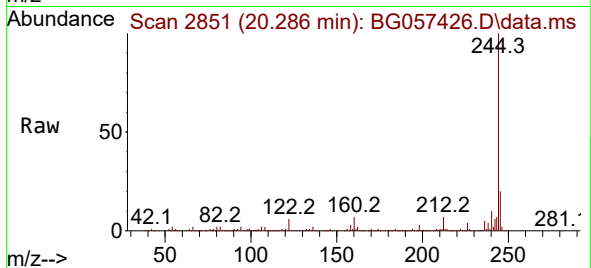
Acq: 13 May 2023 4:01

Instrument :

BNA_G

ClientSampleId :

PB152629BL



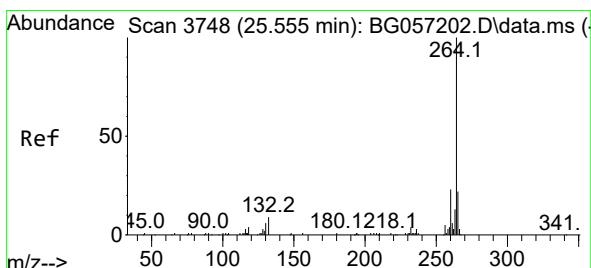
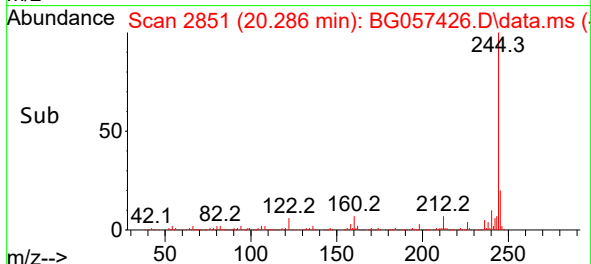
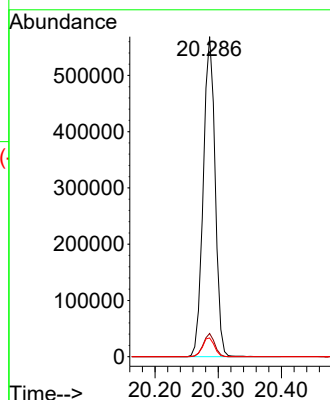
Tgt Ion:244 Resp: 741947

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 5.8 5.1 7.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.526 min Scan# 3743

Delta R.T. -0.008 min

Lab File: BG057426.D

Acq: 13 May 2023 4:01

Tgt Ion:264 Resp: 129836

Ion Ratio Lower Upper

264 100

260 22.7 18.8 28.2

265 20.9 17.9 26.9

