

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057471.D
 Acq On : 19 May 2023 17:26
 Operator : CG/JU
 Sample : PB152895BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152895BL

Quant Time: May 20 04:28:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

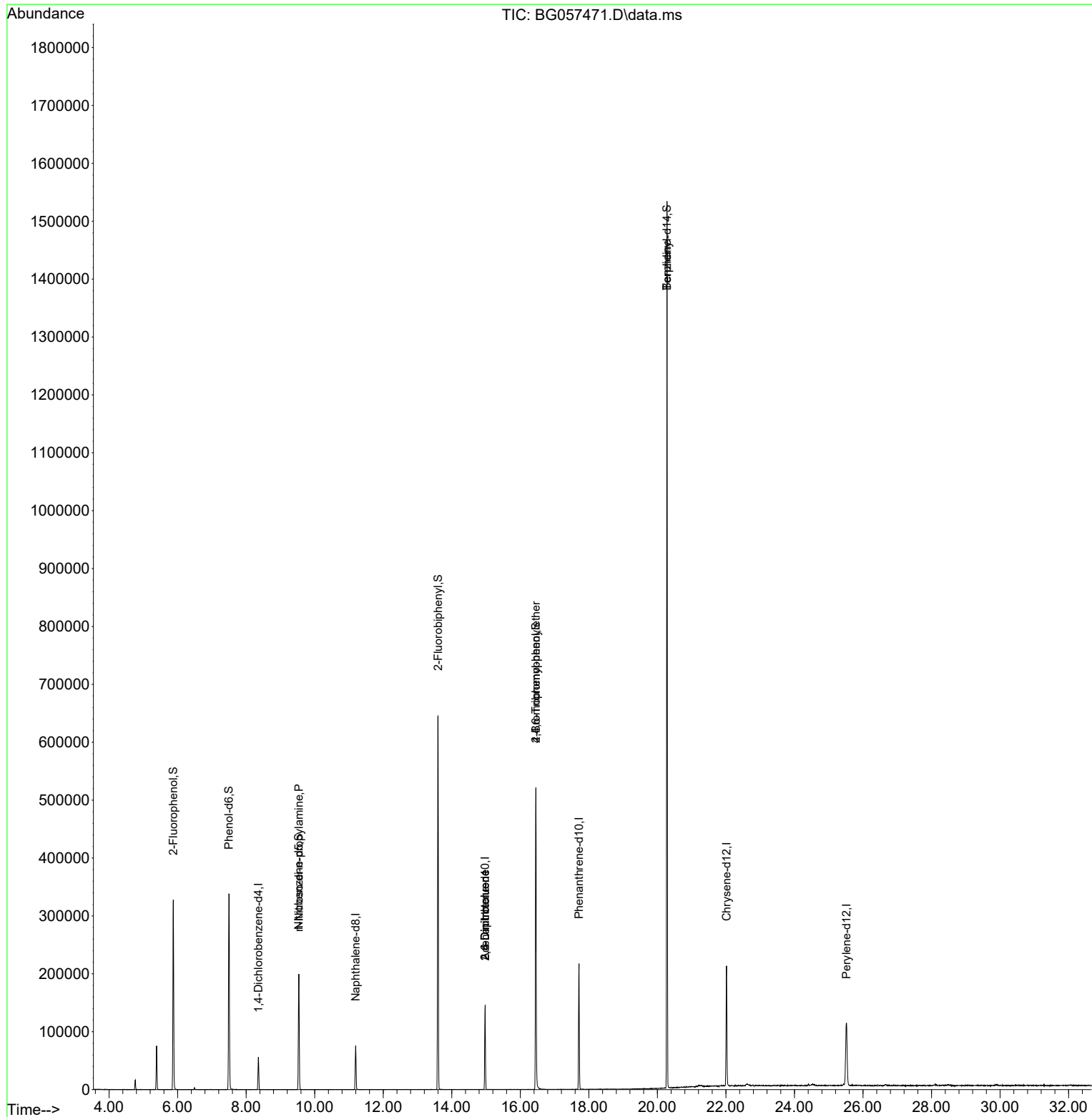
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.360	152	16959	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	66522	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	53860	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	147013	20.000	ng	0.00
76) Chrysene-d12	22.018	240	137216	20.000	ng	0.00
86) Perylene-d12	25.514	264	146197	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	140961	142.184	ng	0.00
7) Phenol-d6	7.497	99	206001	136.834	ng	0.00
23) Nitrobenzene-d5	9.535	82	131868	83.200	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	114552	149.895	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	357810	89.472	ng	0.00
79) Terphenyl-d14	20.280	244	802042	95.387	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.503	77	379	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	9.541	70	18244	15.893	ng	# 73
51) 2,6-Dinitrotoluene	14.975	165	7275	8.051	ng	# 17
57) 2,4-Dinitrotoluene	14.975	165	7275	5.633	ng	# 20
67) 4-Bromophenyl-phenylether	16.455	248	7833	4.365	ng	# 1
77) Benzidine	20.280	184	11755	3.832	ng	# 86

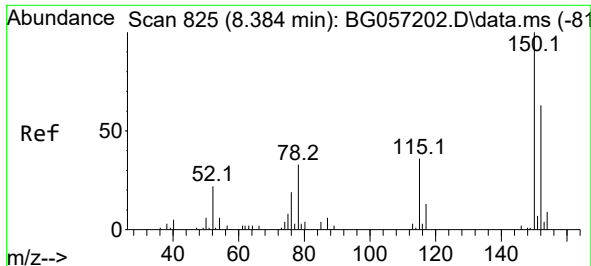
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
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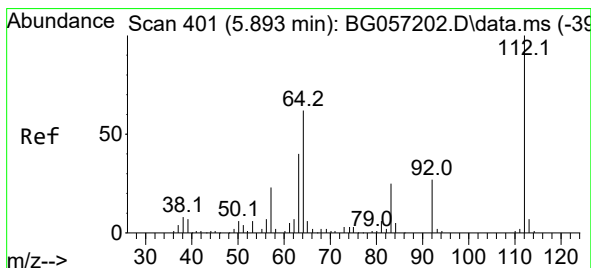
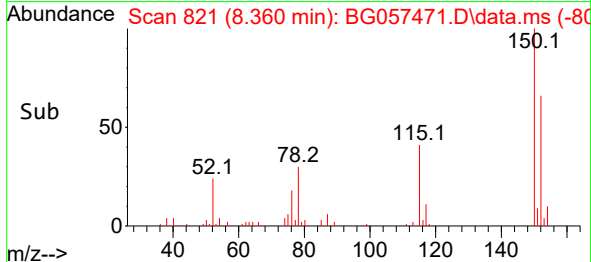
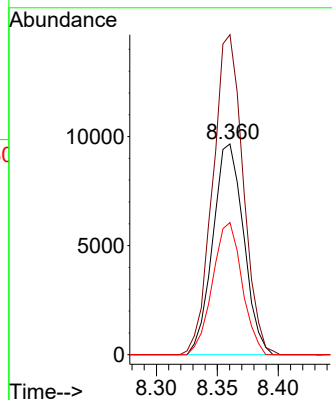
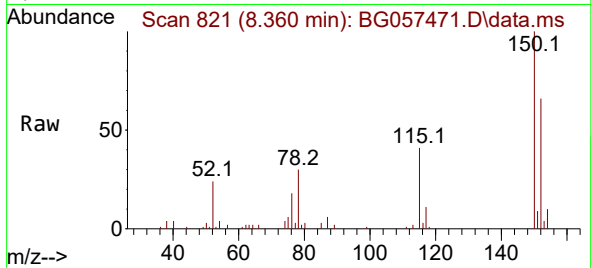




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.360 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

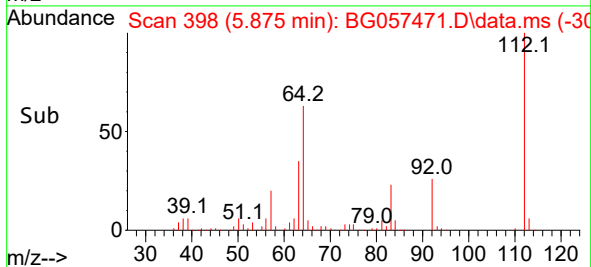
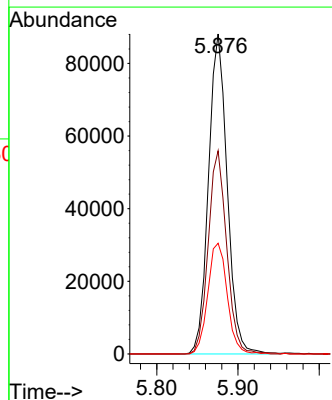
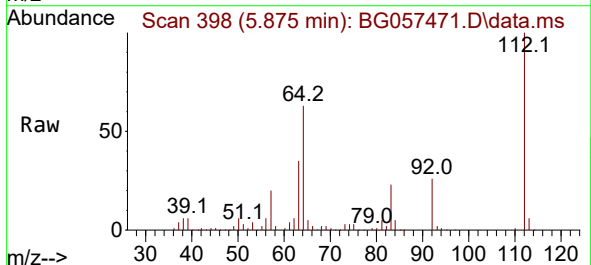
Instrument :
BNA_G
ClientSampleId :
PB152895BL

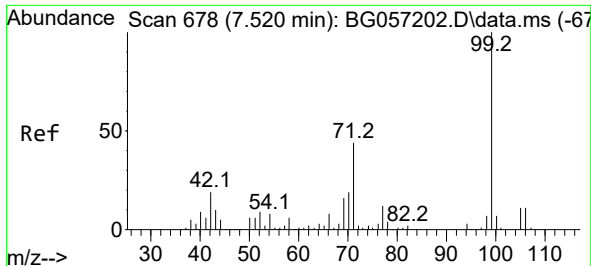
Tgt Ion:152 Resp: 16959
Ion Ratio Lower Upper
152 100
150 151.9 126.2 189.4
115 62.7 45.0 67.4



#5
2-Fluorophenol
Concen: 142.184 ng
RT: 5.875 min Scan# 398
Delta R.T. 0.005 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

Tgt Ion:112 Resp: 140961
Ion Ratio Lower Upper
112 100
64 63.5 49.4 74.2
63 34.6 31.6 47.4

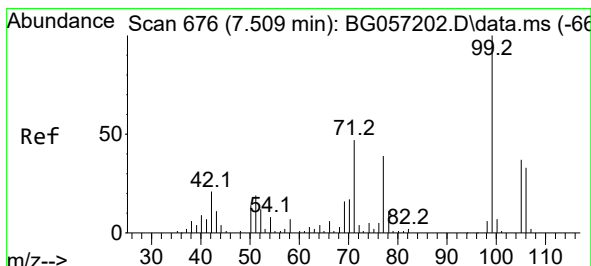
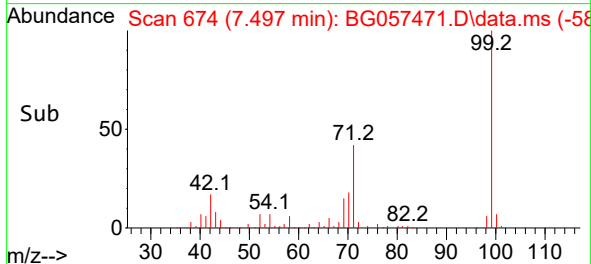
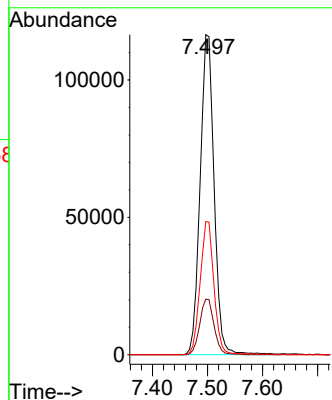
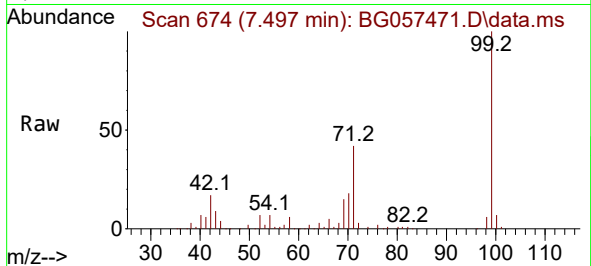




#7
Phenol-d6
Concen: 136.834 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

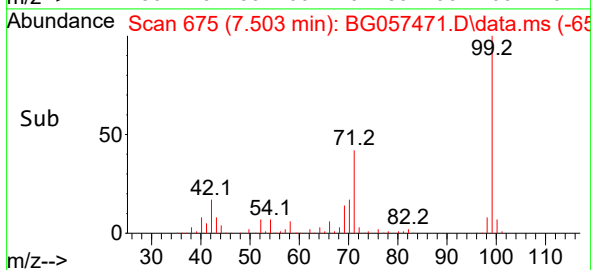
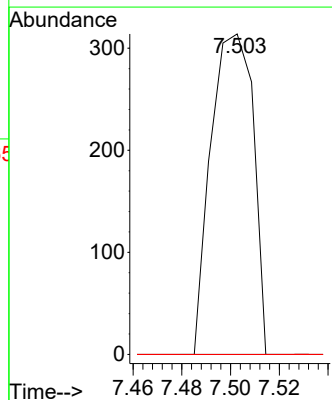
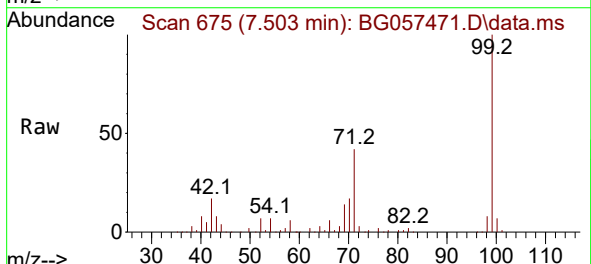
Instrument :
BNA_G
ClientSampleId :
PB152895BL

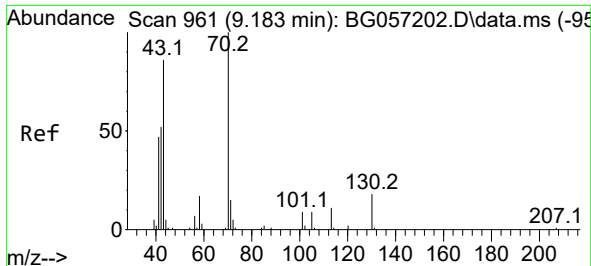
Tgt Ion: 99 Resp: 206001
Ion Ratio Lower Upper
99 100
42 17.4 15.1 22.7
71 41.6 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.503 min Scan# 675
Delta R.T. 0.016 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

Tgt Ion: 77 Resp: 379
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

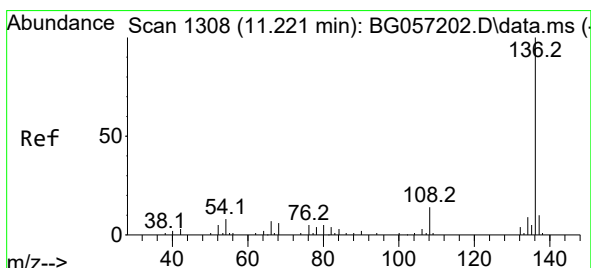
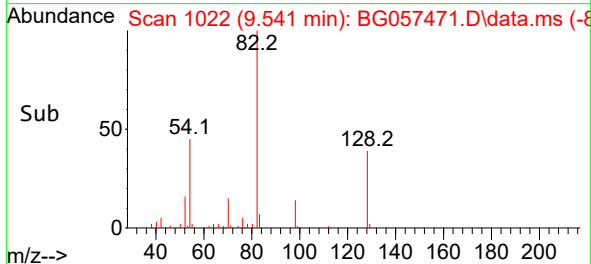
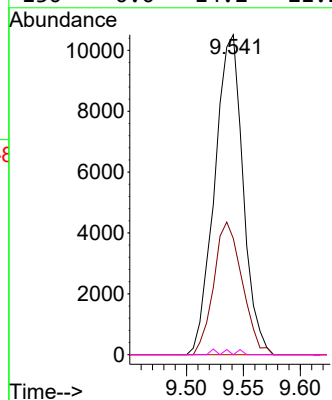
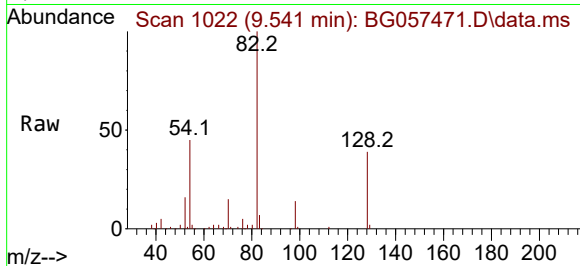




#19
n-Nitroso-di-n-propylamine
Concen: 15.893 ng
RT: 9.541 min Scan# 1022
Delta R.T. 0.381 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

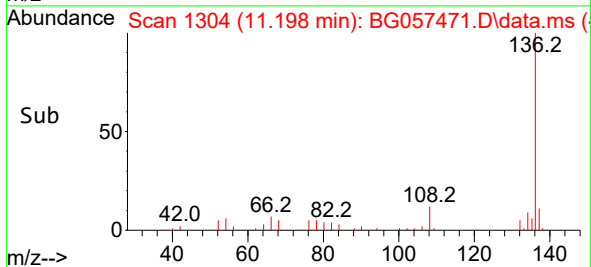
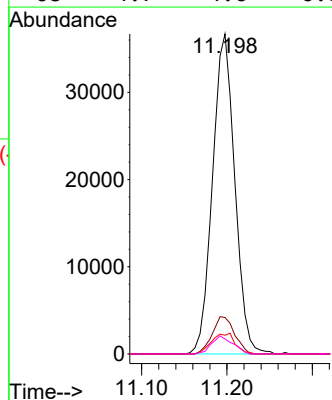
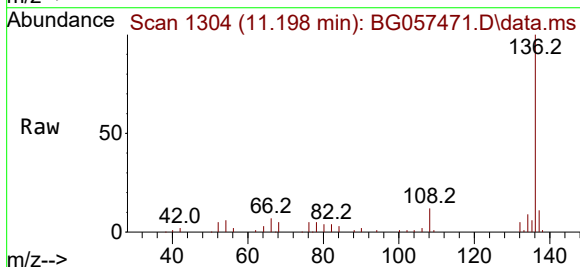
Instrument :
BNA_G
ClientSampleId :
PB152895BL

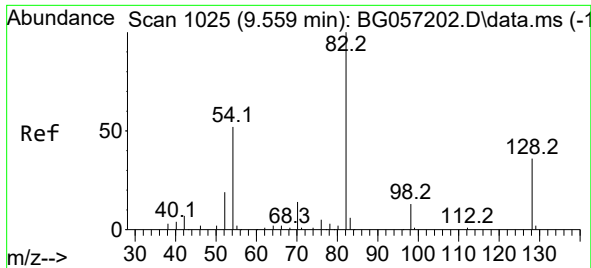
Tgt Ion: 70 Resp: 18244
Ion Ratio Lower Upper
70 100
42 36.3 41.8 62.8#
101 0.0 6.8 10.2#
130 0.0 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.198 min Scan# 1304
Delta R.T. -0.001 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

Tgt Ion:136 Resp: 66522
Ion Ratio Lower Upper
136 100
137 11.4 8.3 12.5
54 5.9 6.7 10.1#
68 4.7 4.6 6.8

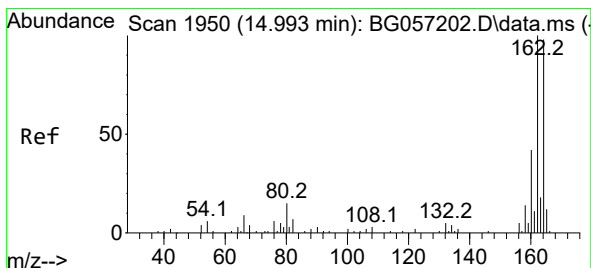
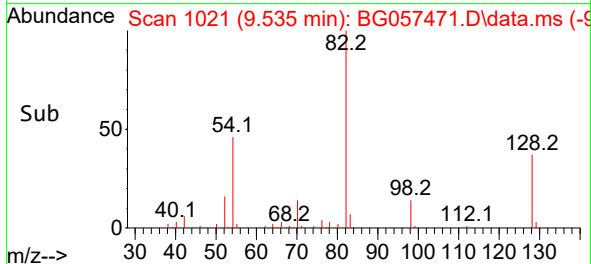
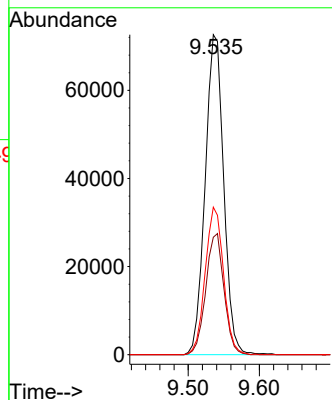
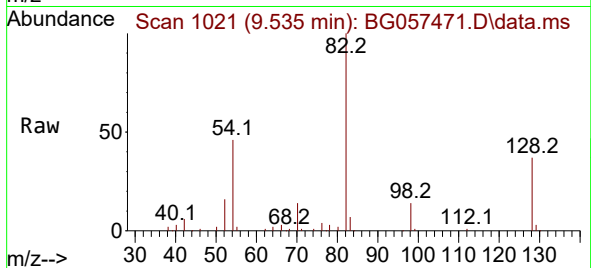




#23
Nitrobenzene-d5
Concen: 83.200 ng
RT: 9.535 min Scan# 1021
Delta R.T. -0.001 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

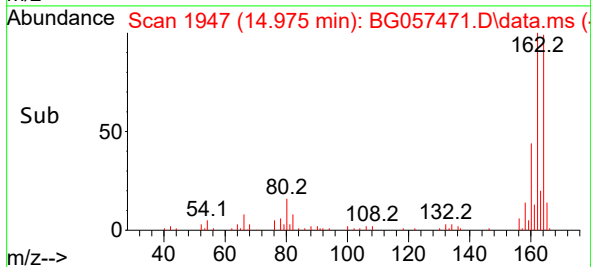
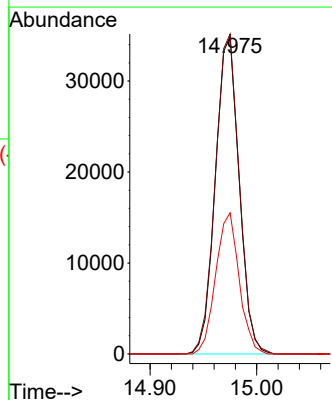
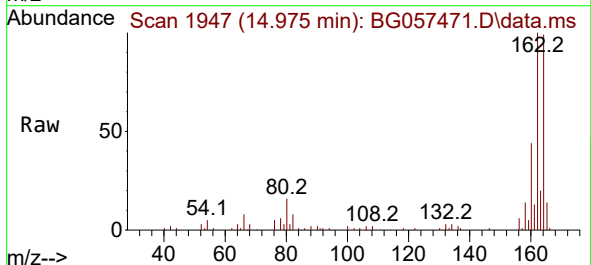
Instrument :
BNA_G
ClientSampleId :
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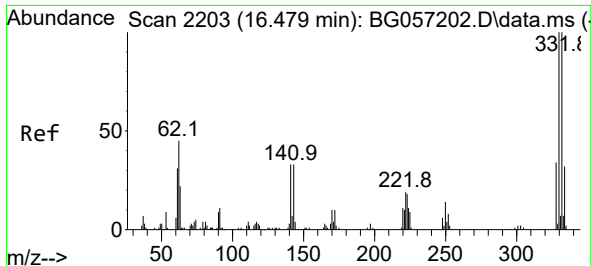
Tgt Ion: 82 Resp: 131868
Ion Ratio Lower Upper
82 100
128 36.7 29.0 43.4
54 46.1 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

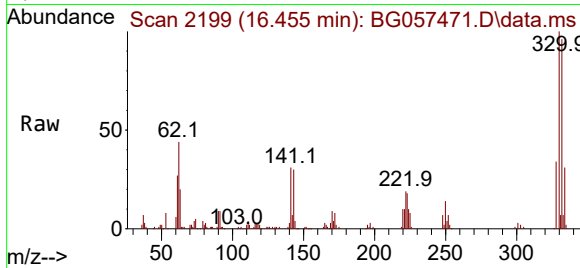
Tgt Ion:164 Resp: 53860
Ion Ratio Lower Upper
164 100
162 100.8 81.8 122.6
160 44.5 34.6 52.0



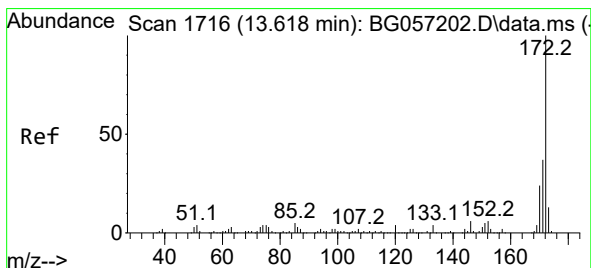
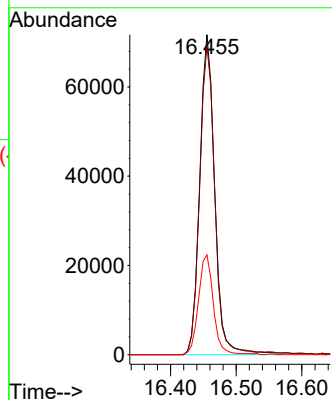
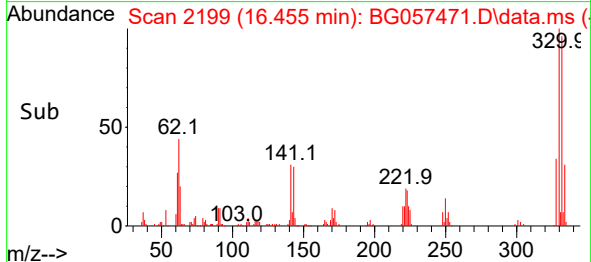


#42
2,4,6-Tribromophenol
Concen: 149.895 ng
RT: 16.455 min Scan# 21199
Delta R.T. -0.001 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

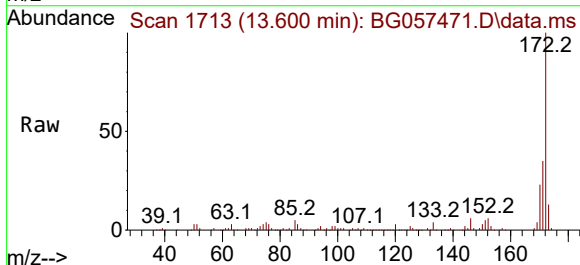
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ClientSampleId :
PB152895BL



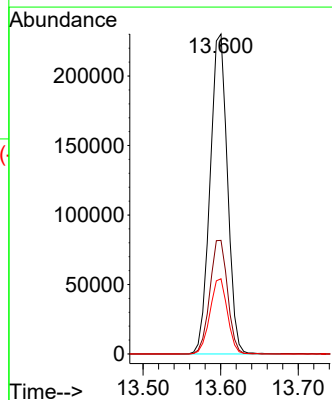
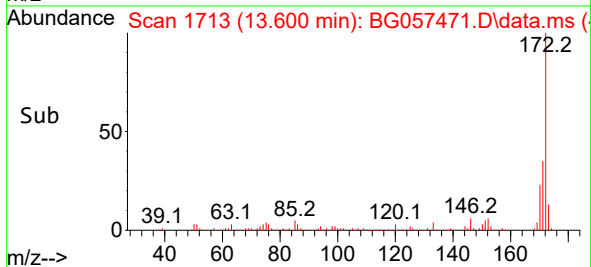
Tgt Ion:330 Resp: 114552
Ion Ratio Lower Upper
330 100
332 98.6 78.2 117.2
141 31.0 27.8 41.8

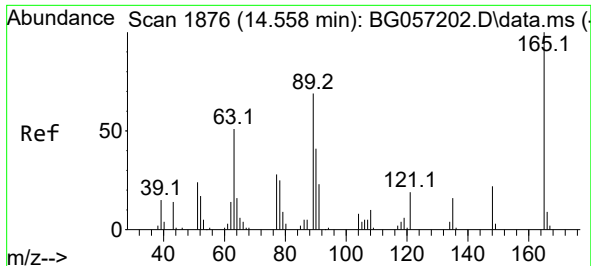


#45
2-Fluorobiphenyl
Concen: 89.472 ng
RT: 13.600 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26



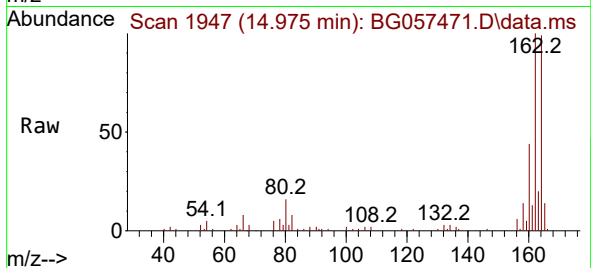
Tgt Ion:172 Resp: 357810
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 23.5 19.0 28.6



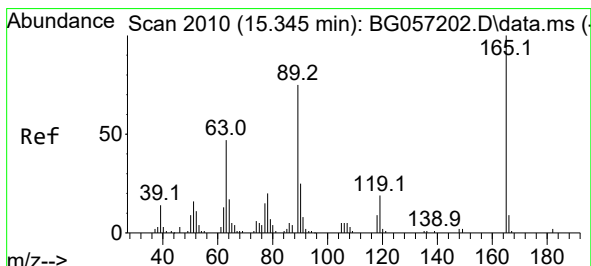
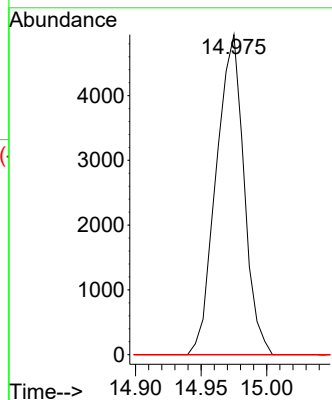
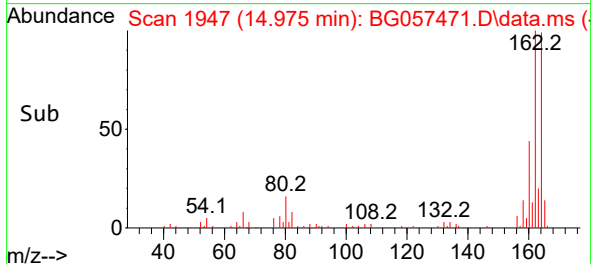


#51
2,6-Dinitrotoluene
Concen: 8.051 ng
RT: 14.975 min Scan# 1947
Delta R.T. 0.433 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

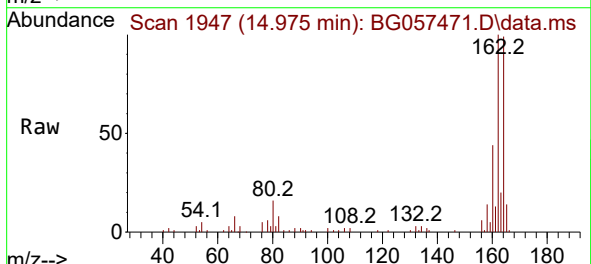
Instrument :
BNA_G
ClientSampleId :
PB152895BL



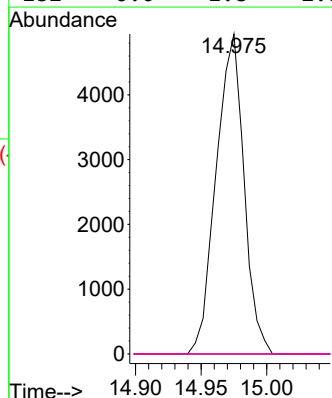
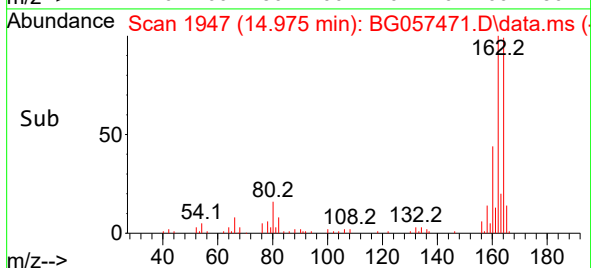
Tgt Ion:165 Resp: 7275
Ion Ratio Lower Upper
165 100
63 0.0 50.9 76.3#
89 0.0 55.2 82.8#

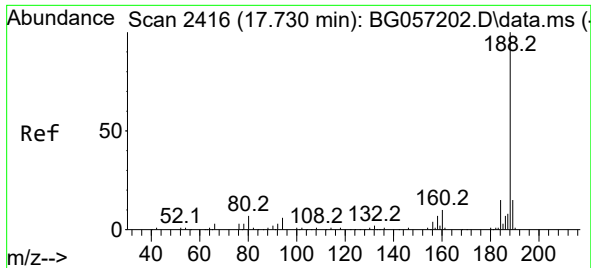


#57
2,4-Dinitrotoluene
Concen: 5.633 ng
RT: 14.975 min Scan# 1947
Delta R.T. -0.354 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26



Tgt Ion:165 Resp: 7275
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#

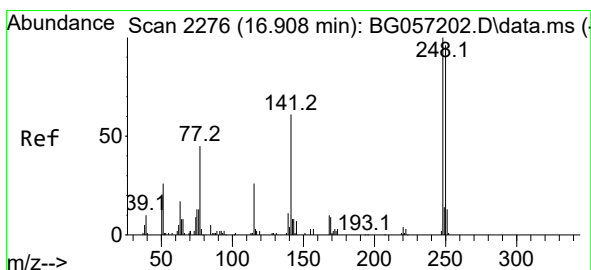
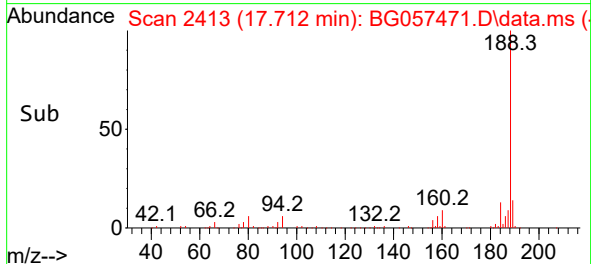
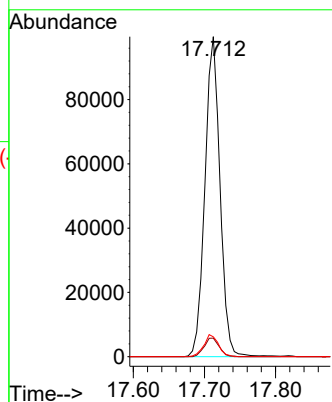
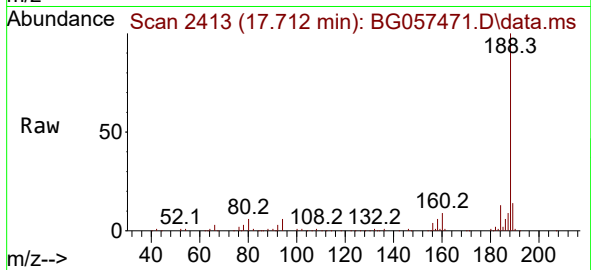




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 2416
Delta R.T. -0.001 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

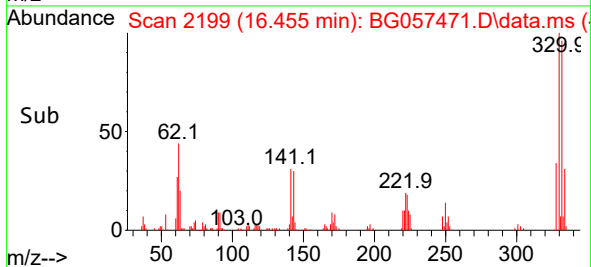
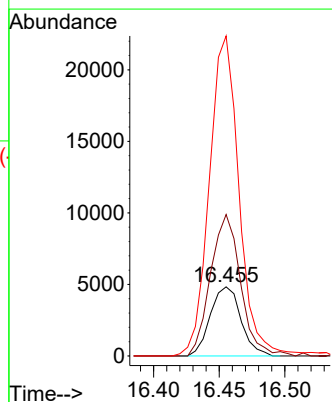
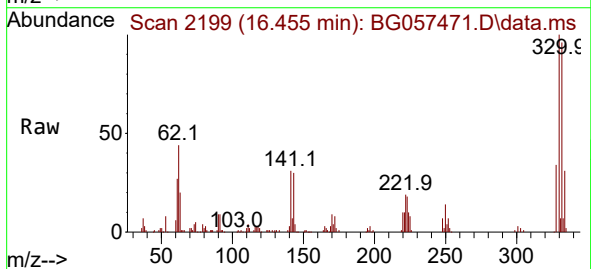
Instrument :
BNA_G
ClientSampleId :
PB152895BL

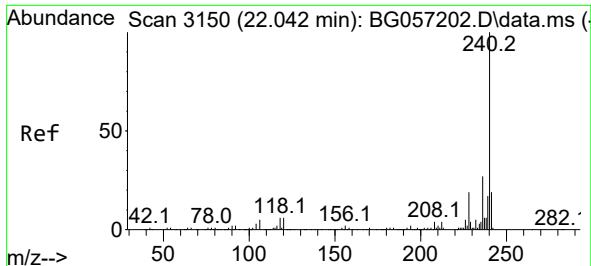
Tgt Ion:188 Resp: 147013
Ion Ratio Lower Upper
188 100
94 5.8 5.1 7.7
80 6.2 5.7 8.5



#67
4-Bromophenyl-phenylether
Concen: 4.365 ng
RT: 16.455 min Scan# 2199
Delta R.T. -0.430 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

Tgt Ion:248 Resp: 7833
Ion Ratio Lower Upper
248 100
250 204.5 77.0 115.6#
141 462.5 48.6 72.8#

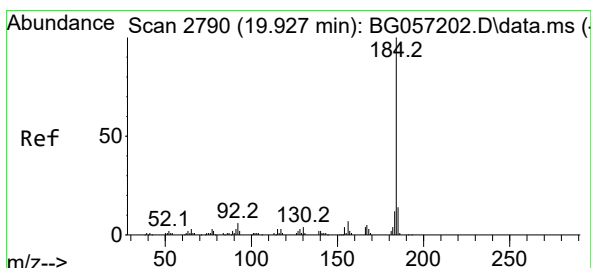
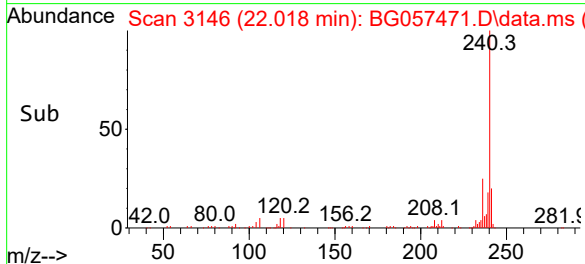
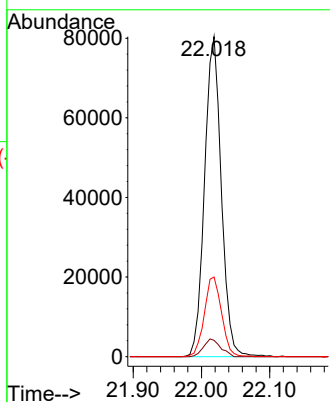
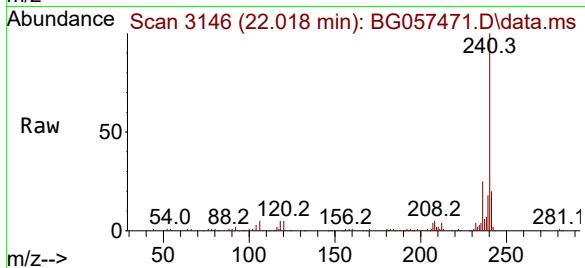




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.018 min Scan# 3150
Delta R.T. -0.001 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

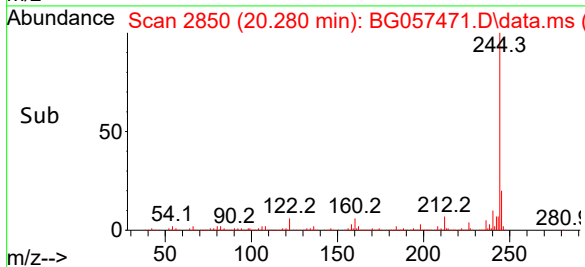
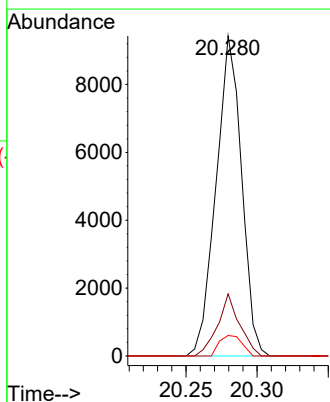
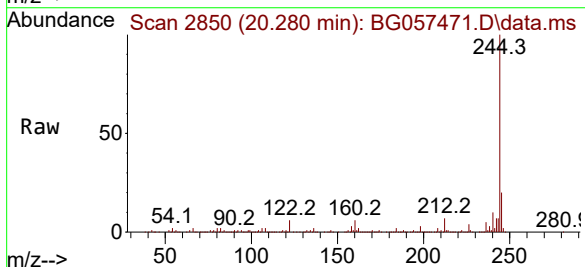
Instrument :
BNA_G
ClientSampleId :
PB152895BL

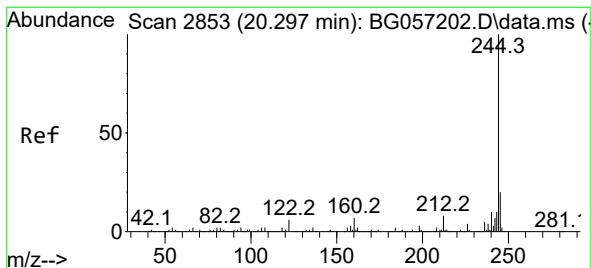
Tgt Ion:240 Resp: 137216
Ion Ratio Lower Upper
240 100
120 5.1 4.9 7.3
236 24.9 21.4 32.2



#77
Benzidine
Concen: 3.832 ng
RT: 20.280 min Scan# 2850
Delta R.T. 0.369 min
Lab File: BG057471.D
Acq: 19 May 2023 17:26

Tgt Ion:184 Resp: 11755
Ion Ratio Lower Upper
184 100
185 19.4 11.1 16.7#
183 6.4 9.9 14.9#





#79

Terphenyl-d14

Concen: 95.387 ng

RT: 20.280 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057471.D

Acq: 19 May 2023 17:26

Instrument :

BNA_G

ClientSampleId :

PB152895BL

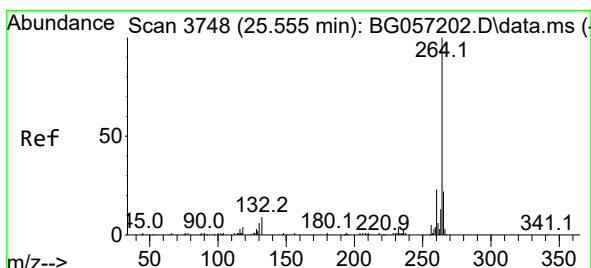
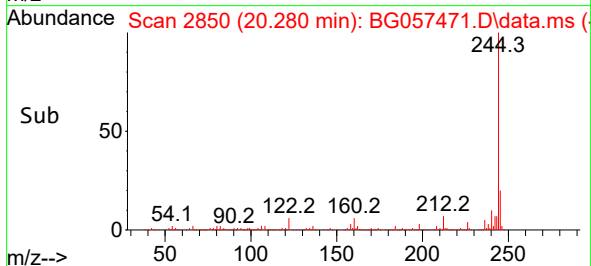
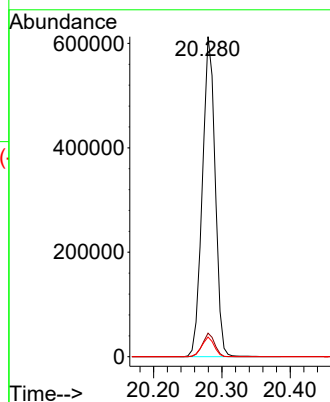
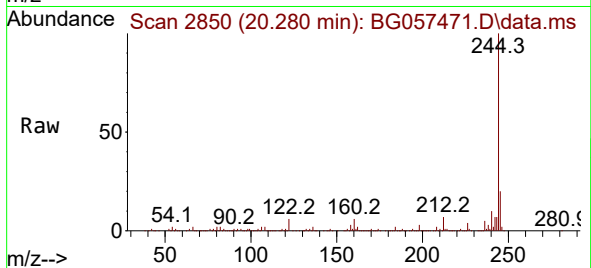
Tgt Ion:244 Resp: 802042

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.1 5.1 7.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.514 min Scan# 3741

Delta R.T. -0.001 min

Lab File: BG057471.D

Acq: 19 May 2023 17:26

Tgt Ion:264 Resp: 146197

Ion Ratio Lower Upper

264 100

260 22.8 18.8 28.2

265 20.9 17.9 26.9

