

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042723\
 Data File : BG057207.D
 Acq On : 28 Apr 2023 00:17
 Operator : CG/JU
 Sample : PB152441BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152441BL

Quant Time: Apr 28 04:58:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 04:39:54 2023
 Response via : Initial Calibration

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

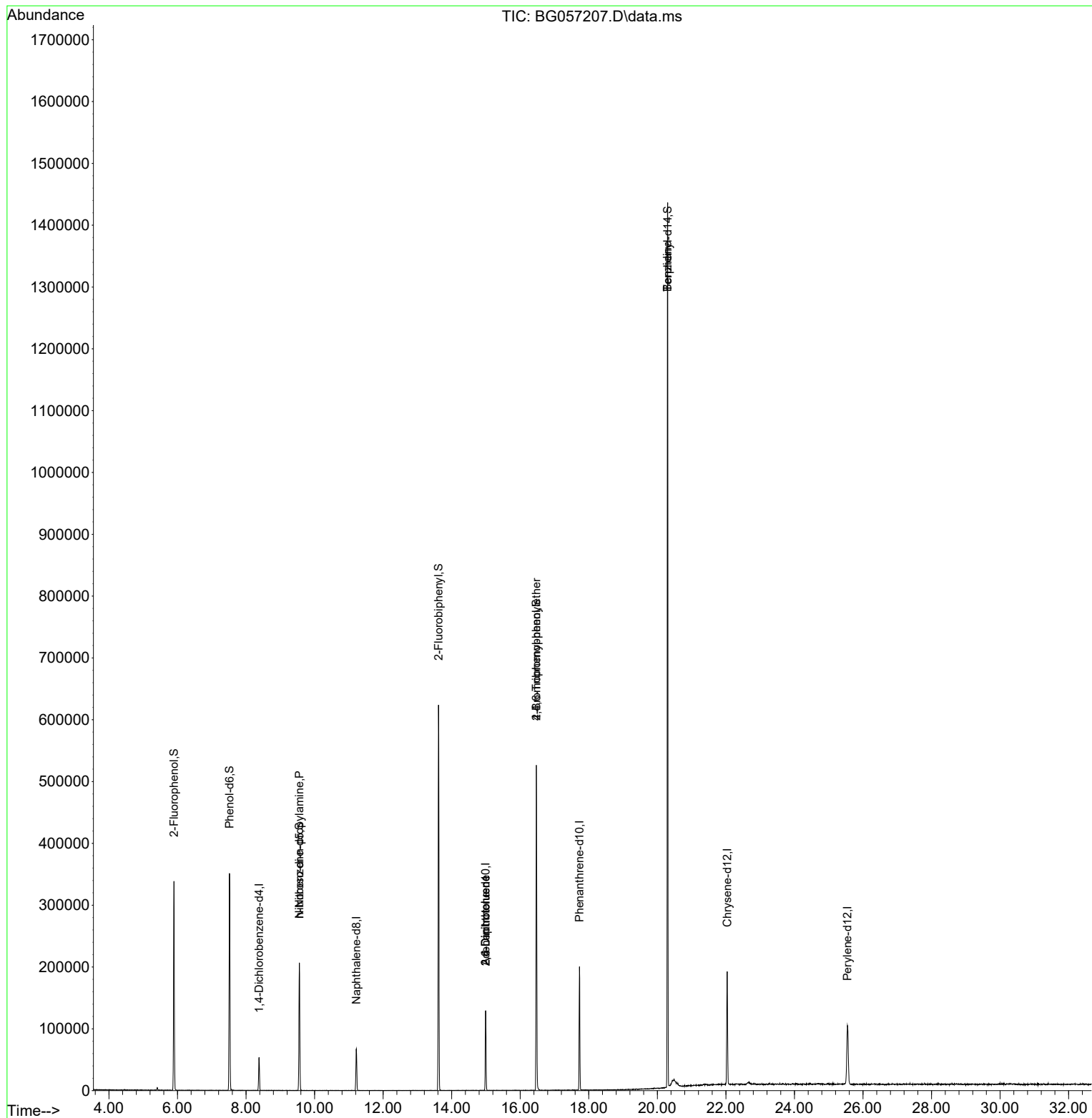
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.382	152	15399	20.000	ng	0.00
21) Naphthalene-d8	11.219	136	60033	20.000	ng	0.00
39) Acenaphthene-d10	14.991	164	47013	20.000	ng	0.00
64) Phenanthrene-d10	17.728	188	129630	20.000	ng	0.00
76) Chrysene-d12	22.040	240	123337	20.000	ng	0.00
86) Perylene-d12	25.547	264	125864	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.897	112	136868	152.041	ng	0.00
7) Phenol-d6	7.518	99	196118	143.466	ng	0.00
23) Nitrobenzene-d5	9.557	82	130124	90.973	ng	0.00
42) 2,4,6-Tribromophenol	16.471	330	101203	151.714	ng	0.00
45) 2-Fluorobiphenyl	13.616	172	324116	92.851	ng	0.00
79) Terphenyl-d14	20.301	244	741086	98.056	ng	0.00
Target Compounds						
9) Benzaldehyde	7.512	77	319	Below Cal	Qvalue	# 4
19) n-Nitroso-di-n-propyla...	9.557	70	18143	17.406	ng	# 83
51) 2,6-Dinitrotoluene	14.991	165	6093	7.724	ng	# 17
57) 2,4-Dinitrotoluene	14.991	165	6093	5.405	ng	# 20
67) 4-Bromophenyl-phenylether	16.471	248	7125	4.502	ng	# 1
77) Benzidine	20.295	184	12455	4.517	ng	# 84

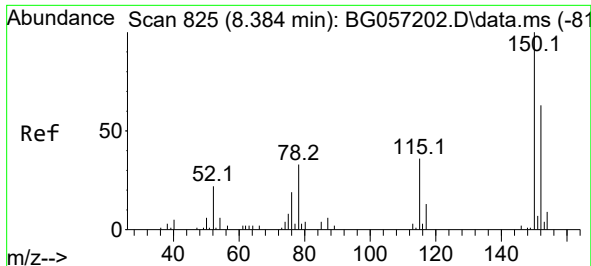
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042723\
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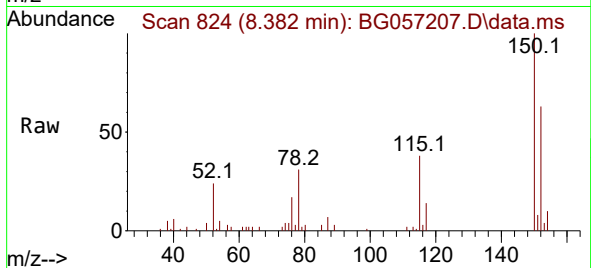
Quant Time: Apr 28 04:58:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
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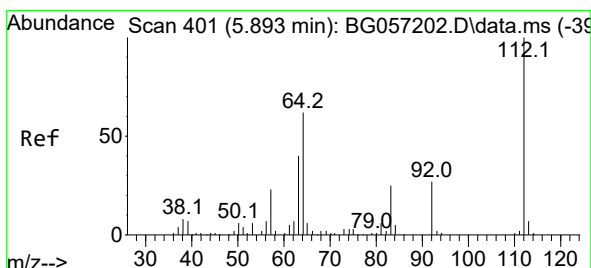
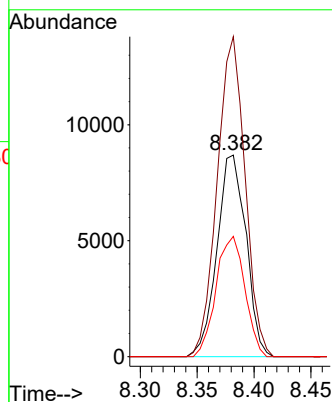
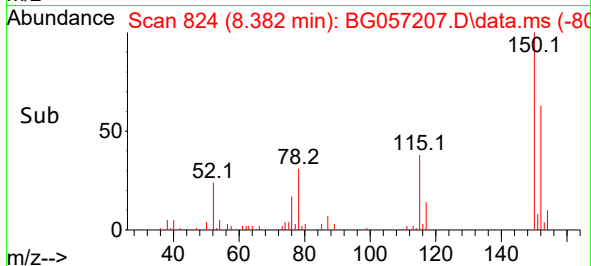


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.382 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

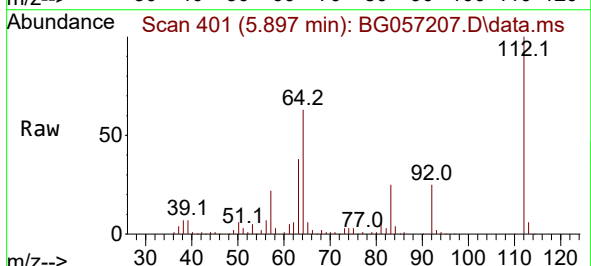
Instrument :
BNA_G
ClientSampleId :
PB152441BL



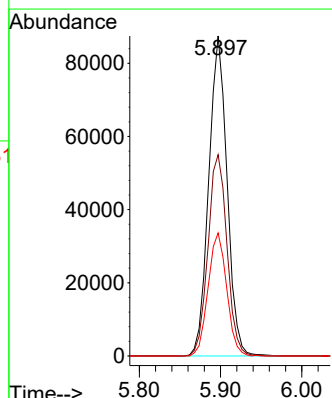
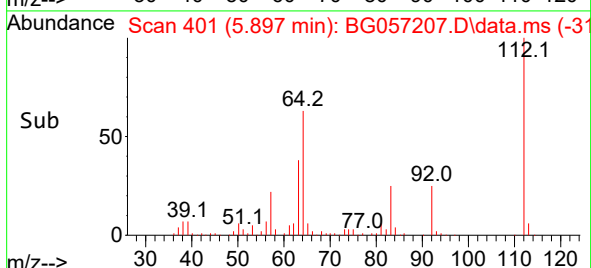
Tgt Ion:152 Resp: 15399
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.4
115 59.7 45.0 67.4

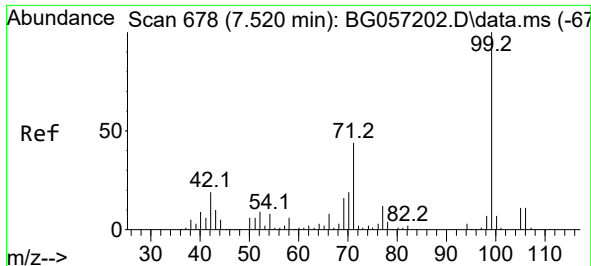


#5
2-Fluorophenol
Concen: 152.041 ng
RT: 5.897 min Scan# 401
Delta R.T. 0.004 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17



Tgt Ion:112 Resp: 136868
Ion Ratio Lower Upper
112 100
64 62.9 49.4 74.2
63 38.5 31.6 47.4

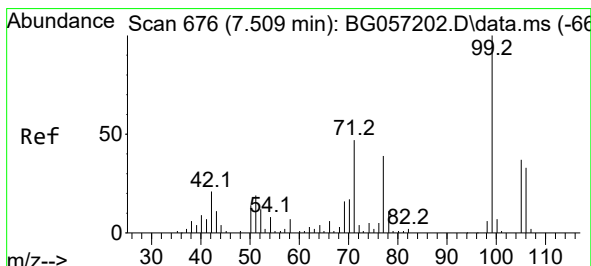
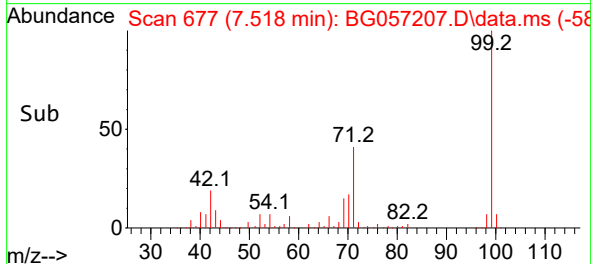
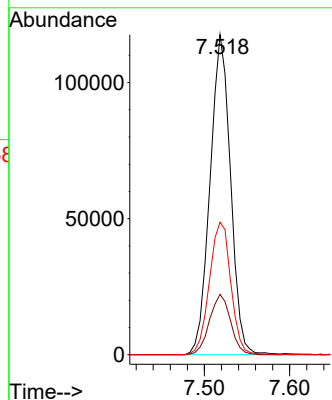
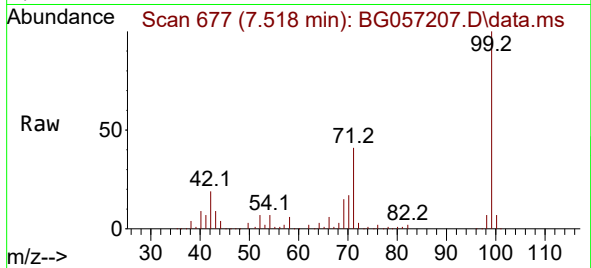




#7
Phenol-d6
Concen: 143.466 ng
RT: 7.518 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

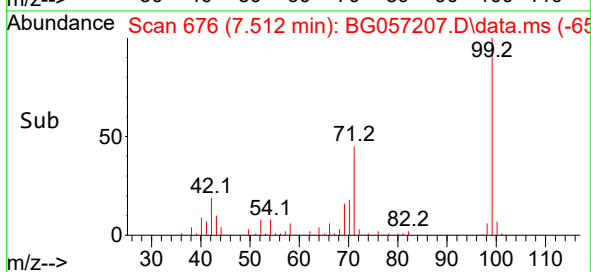
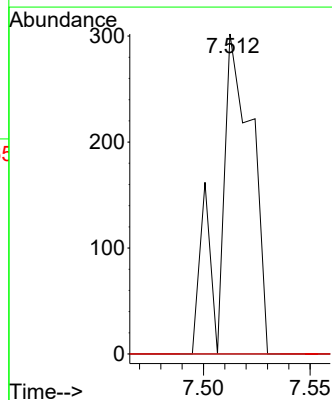
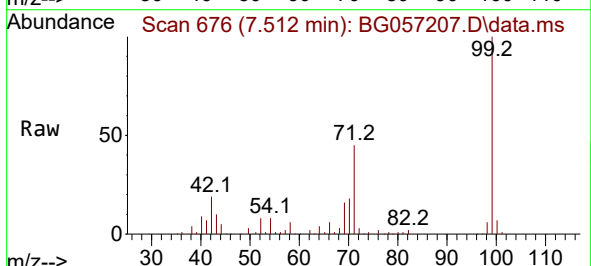
Instrument :
BNA_G
ClientSampleId :
PB152441BL

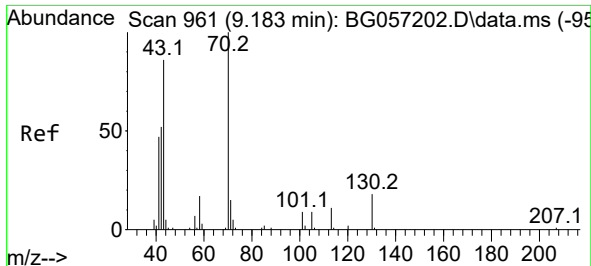
Tgt Ion: 99 Resp: 196118
Ion Ratio Lower Upper
99 100
42 18.9 15.1 22.7
71 41.4 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.512 min Scan# 676
Delta R.T. 0.003 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

Tgt Ion: 77 Resp: 319
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

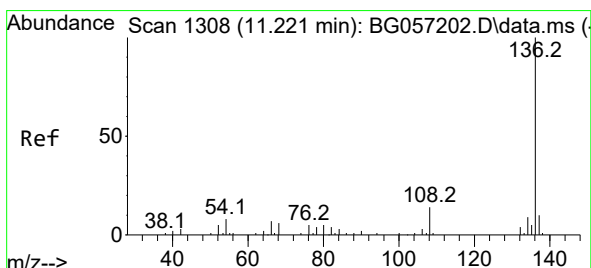
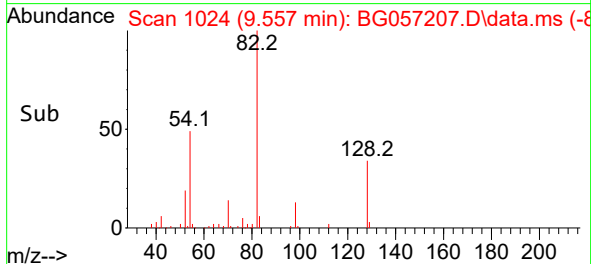
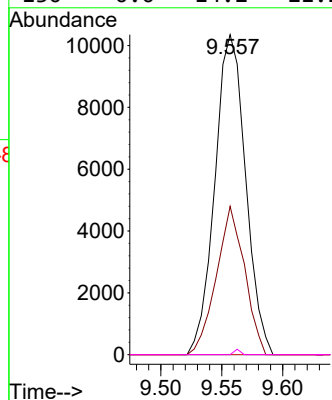
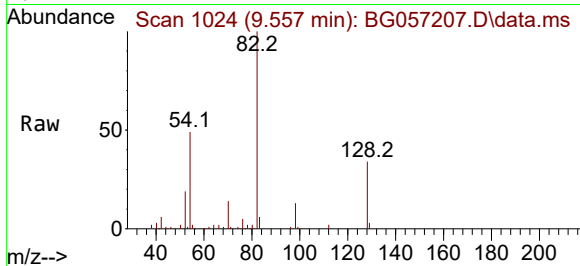




#19
n-Nitroso-di-n-propylamine
Concen: 17.406 ng
RT: 9.557 min Scan# 1024
Delta R.T. 0.374 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

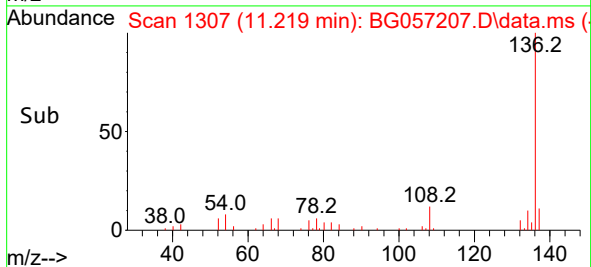
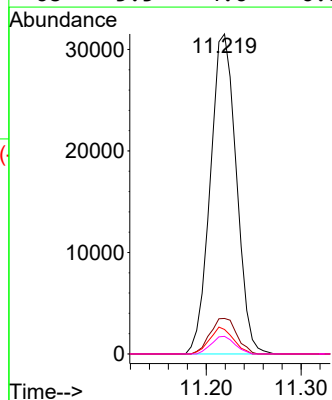
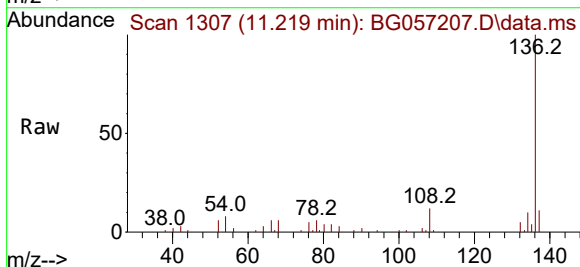
Instrument :
BNA_G
ClientSampleId :
PB152441BL

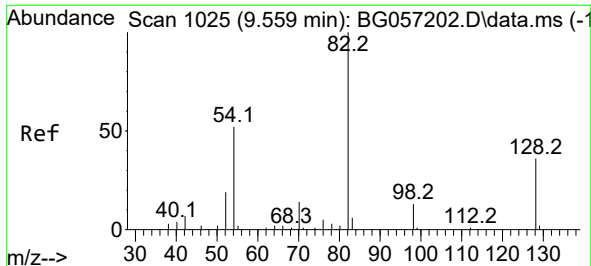
Tgt Ion: 70 Resp: 18143
Ion Ratio Lower Upper
70 100
42 46.3 41.8 62.8
101 0.0 6.8 10.2#
130 0.0 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.219 min Scan# 1307
Delta R.T. -0.002 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

Tgt Ion:136 Resp: 60033
Ion Ratio Lower Upper
136 100
137 11.1 8.3 12.5
54 7.7 6.7 10.1
68 5.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 90.973 ng

RT: 9.557 min Scan# 1024

Delta R.T. -0.002 min

Lab File: BG057207.D

Acq: 28 Apr 2023 00:17

Instrument :

BNA_G

ClientSampleId :

PB152441BL

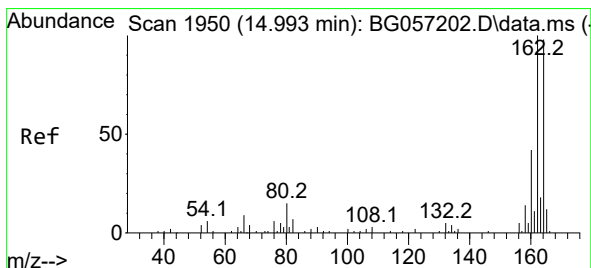
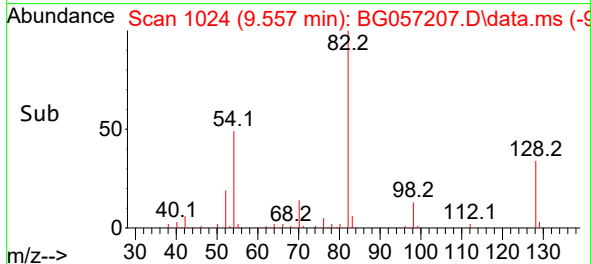
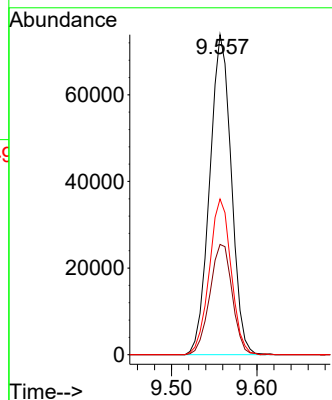
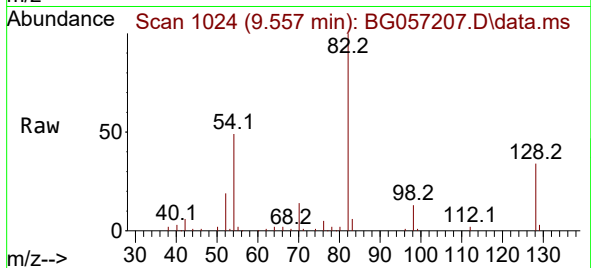
Tgt Ion: 82 Resp: 130124

Ion Ratio Lower Upper

82 100

128 34.4 29.0 43.4

54 48.7 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.991 min Scan# 1949

Delta R.T. -0.002 min

Lab File: BG057207.D

Acq: 28 Apr 2023 00:17

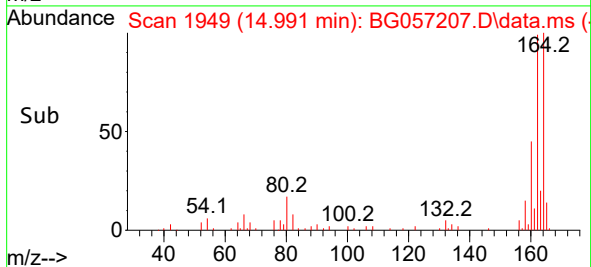
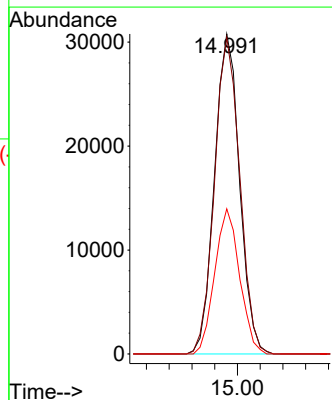
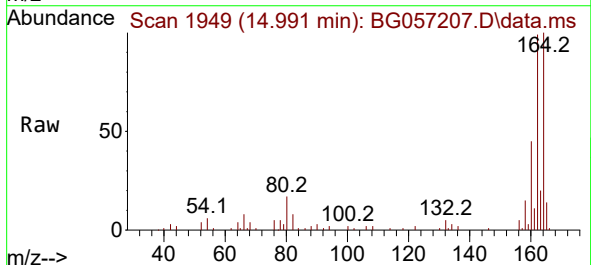
Tgt Ion:164 Resp: 47013

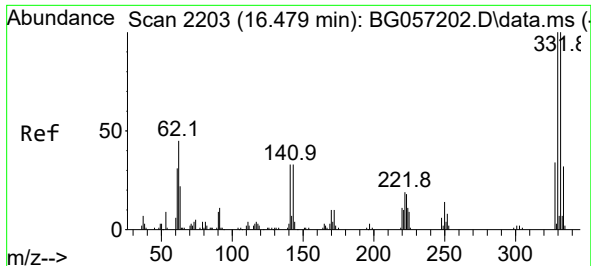
Ion Ratio Lower Upper

164 100

162 98.9 81.8 122.6

160 45.4 34.6 52.0

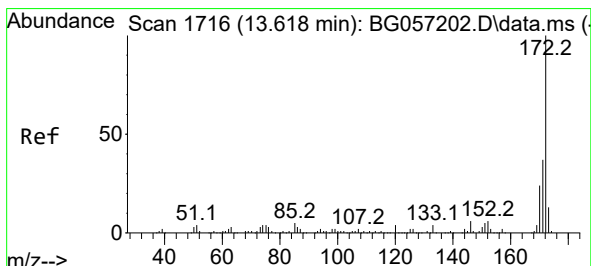
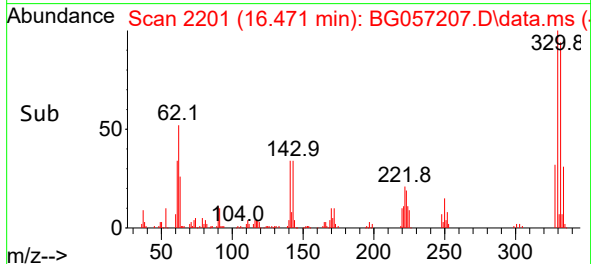
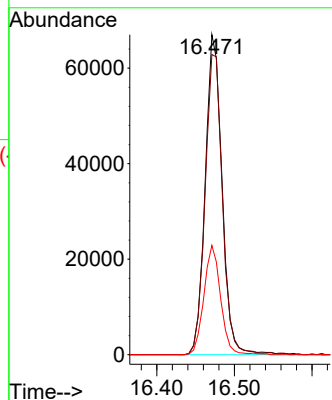
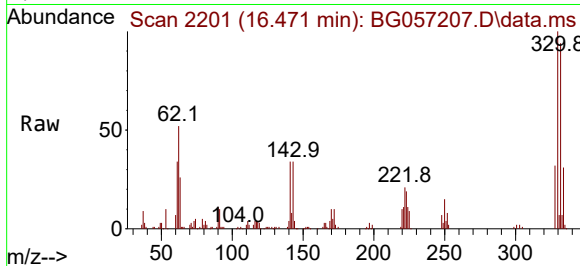




#42
2,4,6-Tribromophenol
Concen: 151.714 ng
RT: 16.471 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

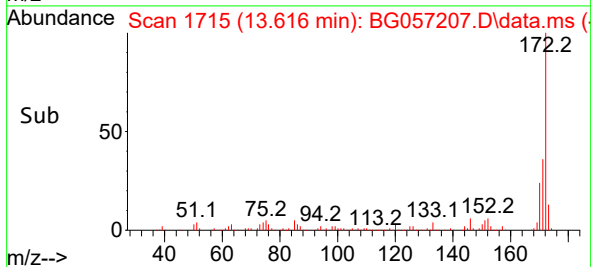
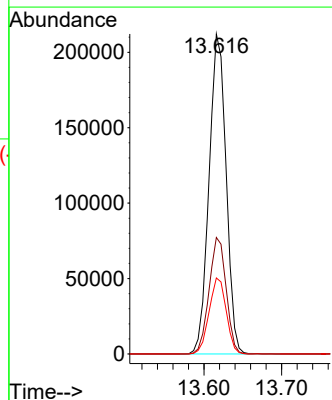
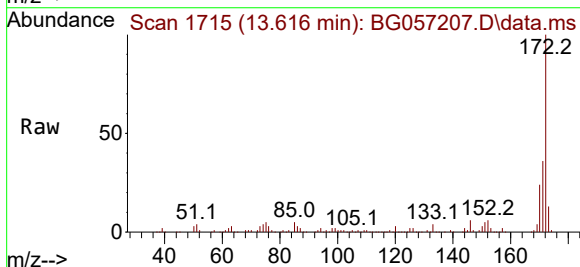
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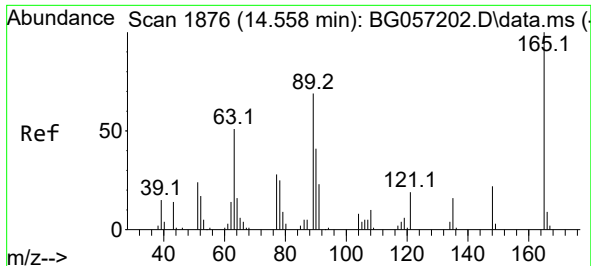
Tgt Ion:330 Resp: 101203
Ion Ratio Lower Upper
330 100
332 96.0 78.2 117.2
141 33.8 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 92.851 ng
RT: 13.616 min Scan# 1715
Delta R.T. -0.002 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

Tgt Ion:172 Resp: 324116
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 23.7 19.0 28.6

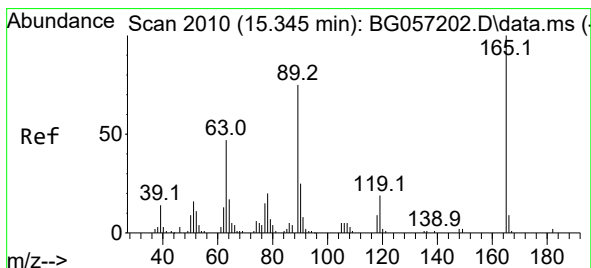
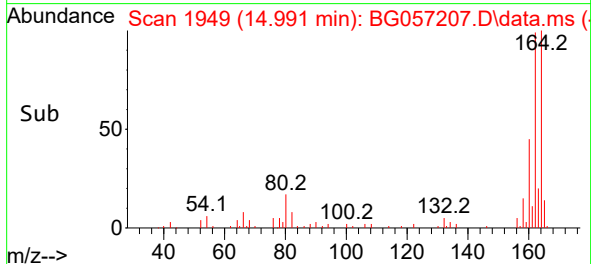
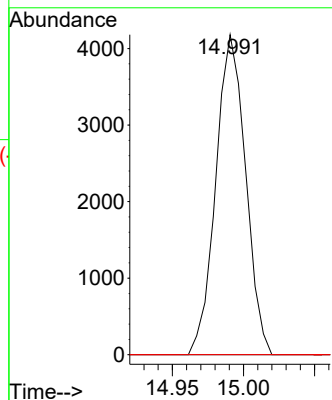
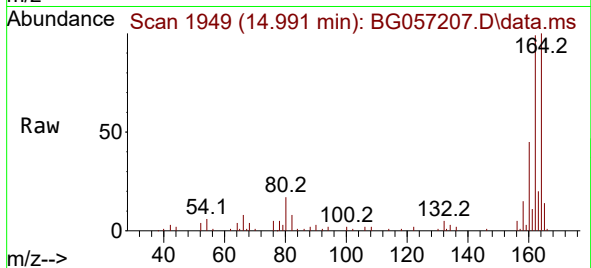




#51
2,6-Dinitrotoluene
Concen: 7.724 ng
RT: 14.991 min Scan# 1949
Delta R.T. 0.433 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

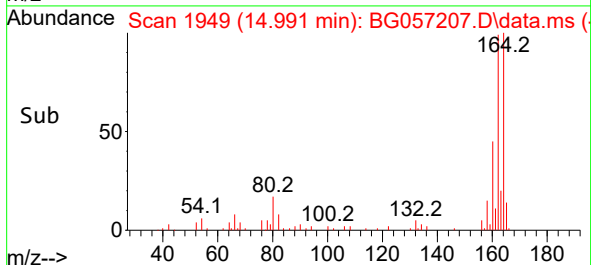
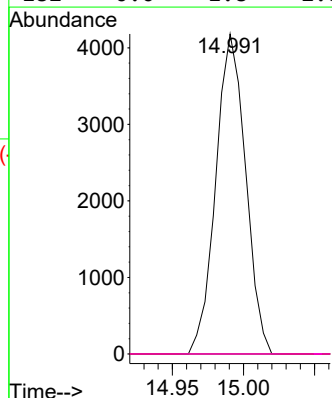
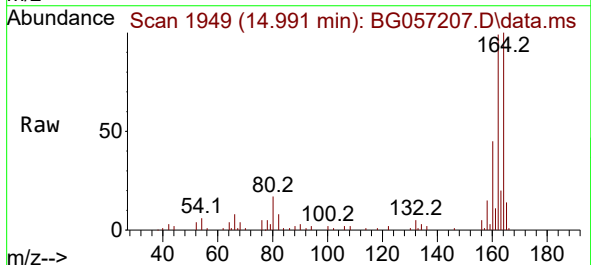
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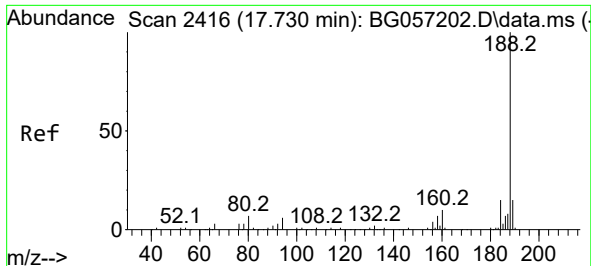
Tgt Ion:165 Resp: 6093
Ion Ratio Lower Upper
165 100
63 0.0 50.9 76.3#
89 0.0 55.2 82.8#



#57
2,4-Dinitrotoluene
Concen: 5.405 ng
RT: 14.991 min Scan# 1949
Delta R.T. -0.354 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

Tgt Ion:165 Resp: 6093
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#

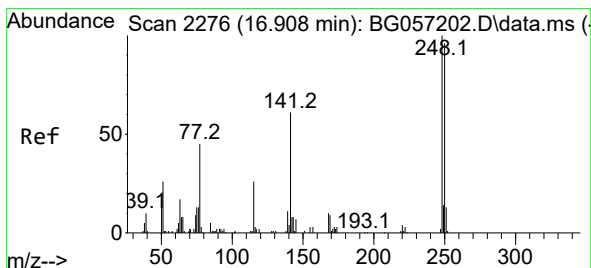
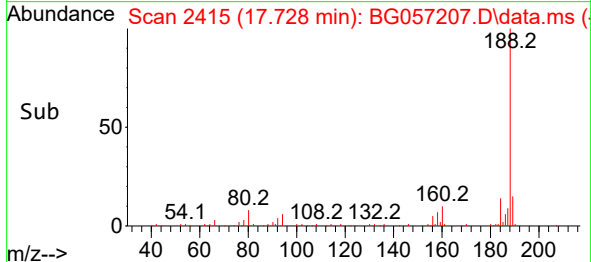
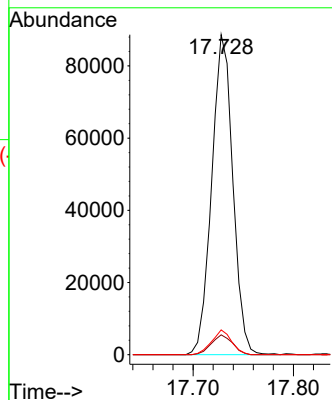
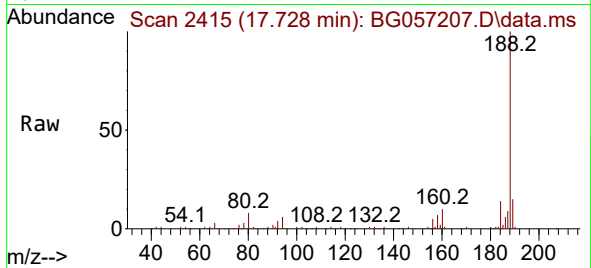




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.728 min Scan# 2416
Delta R.T. -0.002 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

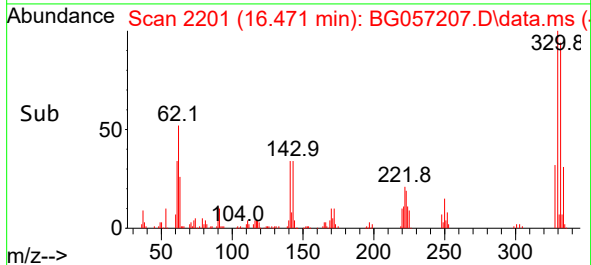
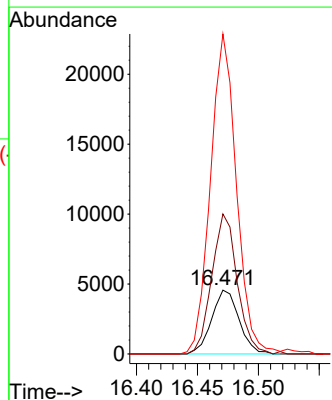
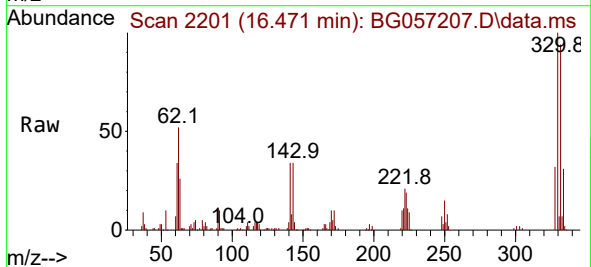
Instrument :
BNA_G
ClientSampleId :
PB152441BL

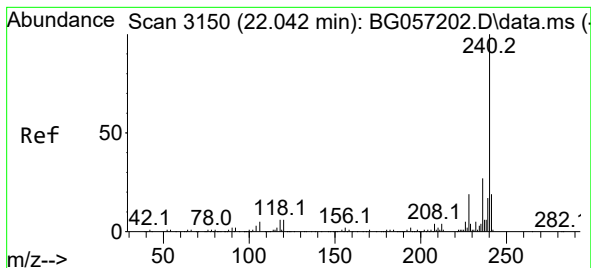
Tgt Ion:188 Resp: 129630
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.7 5.7 8.5



#67
4-Bromophenyl-phenylether
Concen: 4.502 ng
RT: 16.471 min Scan# 2201
Delta R.T. -0.437 min
Lab File: BG057207.D
Acq: 28 Apr 2023 00:17

Tgt Ion:248 Resp: 7125
Ion Ratio Lower Upper
248 100
250 219.4 77.0 115.6#
141 501.3 48.6 72.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.040 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG057207.D

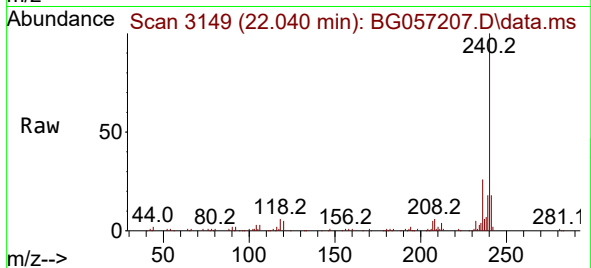
Acq: 28 Apr 2023 00:17

Instrument :

BNA_G

ClientSampleId :

PB152441BL



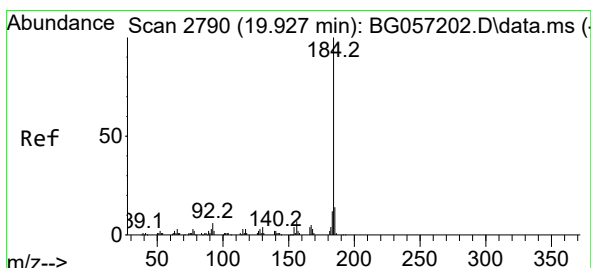
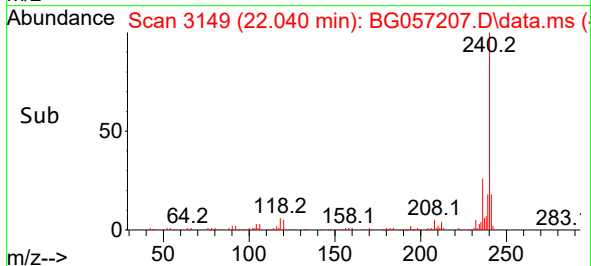
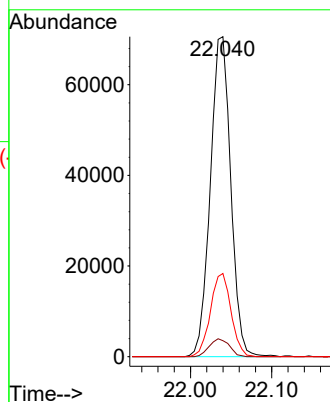
Tgt Ion:240 Resp: 123337

Ion Ratio Lower Upper

240 100

120 5.0 4.9 7.3

236 26.0 21.4 32.2



#77

Benzidine

Concen: 4.517 ng

RT: 20.295 min Scan# 2852

Delta R.T. 0.368 min

Lab File: BG057207.D

Acq: 28 Apr 2023 00:17

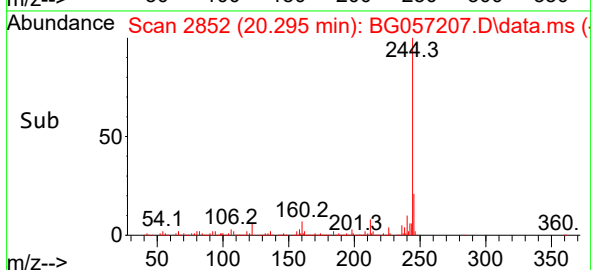
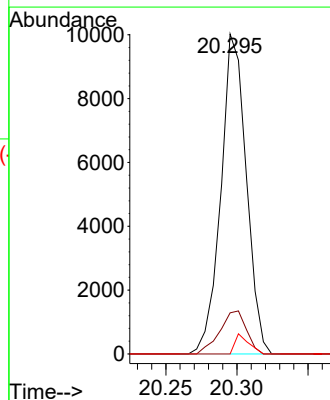
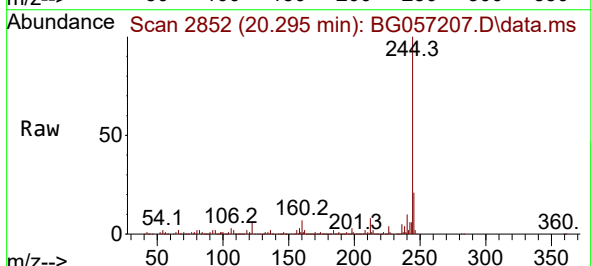
Tgt Ion:184 Resp: 12455

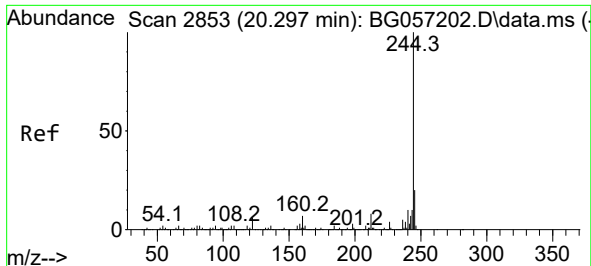
Ion Ratio Lower Upper

184 100

185 12.9 11.1 16.7

183 0.0 9.9 14.9#

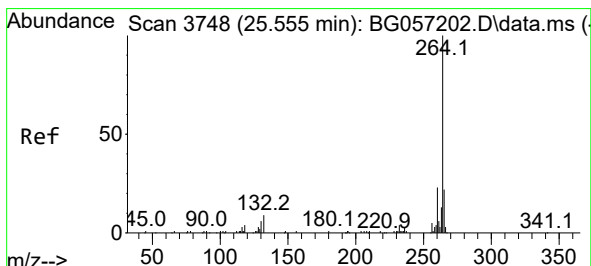
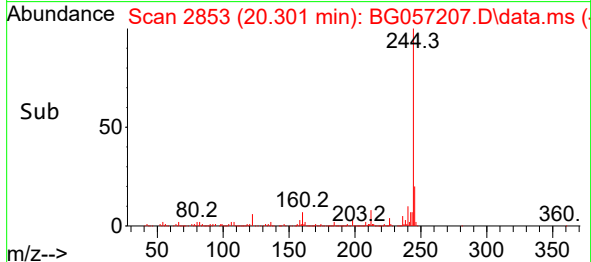
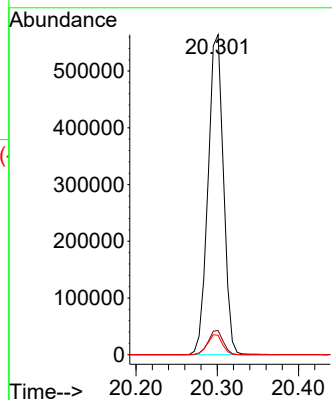
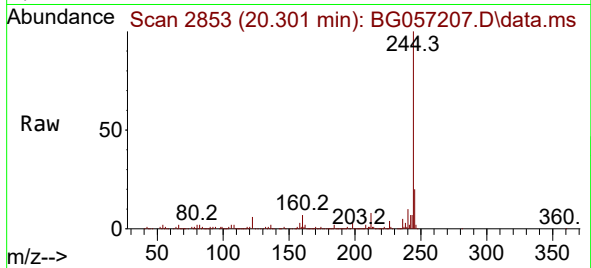




#79
 Terphenyl-d14
 Concen: 98.056 ng
 RT: 20.301 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG057207.D
 Acq: 28 Apr 2023 00:17

Instrument :
 BNA_G
 ClientSampleId :
 PB152441BL

Tgt Ion:244 Resp: 741086
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 6.0 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.547 min Scan# 3746
 Delta R.T. -0.008 min
 Lab File: BG057207.D
 Acq: 28 Apr 2023 00:17

Tgt Ion:264 Resp: 125864
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.8 17.9 26.9

