

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
 Data File : BG055857.D
 Acq On : 1 Dec 2022 15:56
 Operator : CG/JU
 Sample : N5809-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HOWE-DRUM-B-1129

Quant Time: Dec 02 04:09:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

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

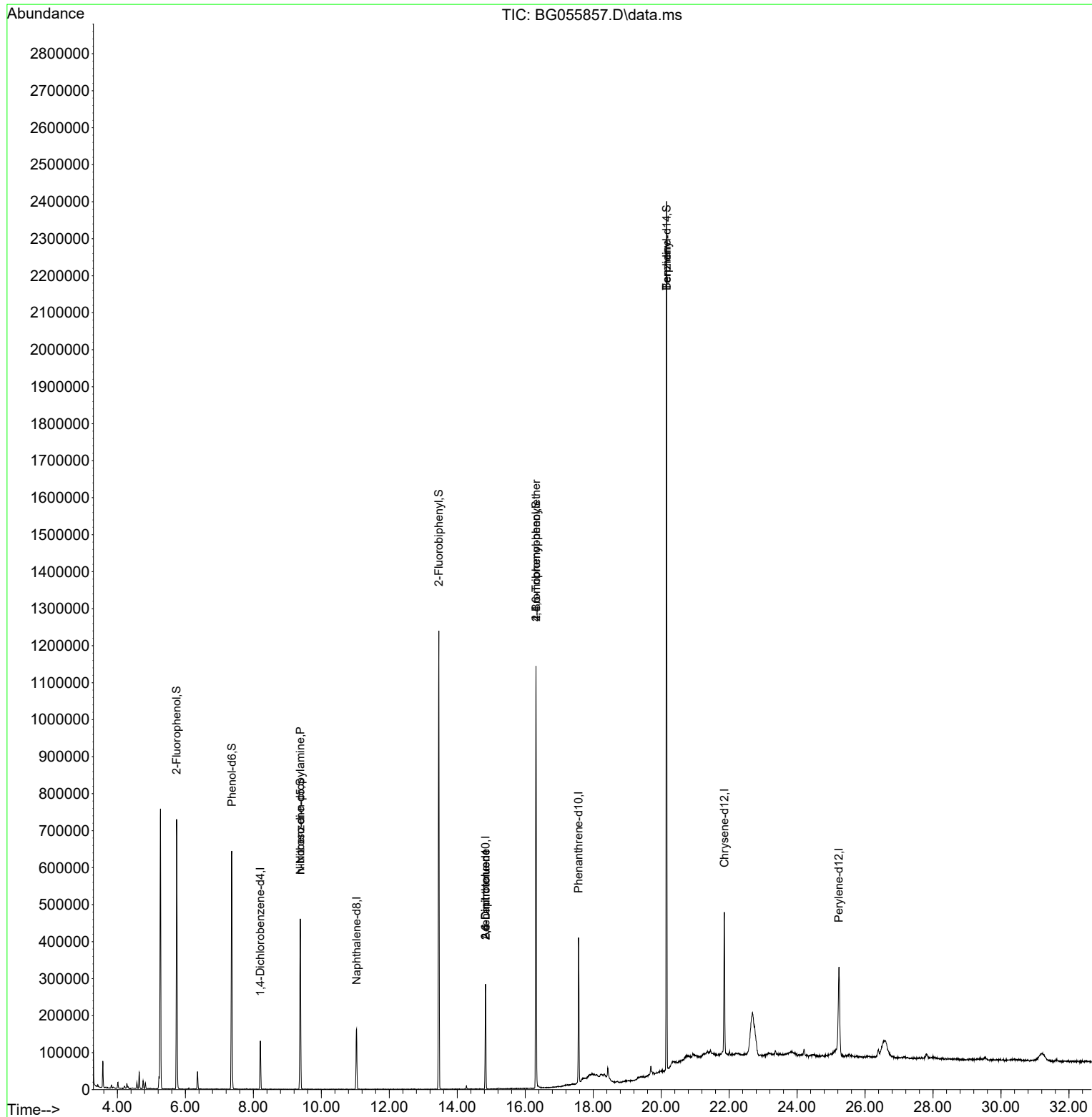
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	36498	20.000	ng	0.00
21) Naphthalene-d8	11.037	136	141241	20.000	ng	0.00
39) Acenaphthene-d10	14.833	164	101908	20.000	ng	0.00
64) Phenanthrene-d10	17.571	188	250058	20.000	ng	0.00
76) Chrysene-d12	21.860	240	245258	20.000	ng	0.00
86) Perylene-d12	25.232	264	258554	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	308417	152.740	ng	0.00
7) Phenol-d6	7.365	99	369065	137.305	ng	0.00
23) Nitrobenzene-d5	9.380	82	266480	99.721	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	245306	170.945	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	644579	94.758	ng	0.00
79) Terphenyl-d14	20.162	244	1183685	96.532	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.380	70	37157	17.992	ng	# 77
51) 2,6-Dinitrotoluene	14.833	165	13465	8.106	ng	# 26
57) 2,4-Dinitrotoluene	14.833	165	13465	5.750	ng	# 23
67) 4-Bromophenyl-phenylether	16.319	248	15887	5.576	ng	# 1
77) Benzidine	20.162	184	19046	3.357	ng	# 89

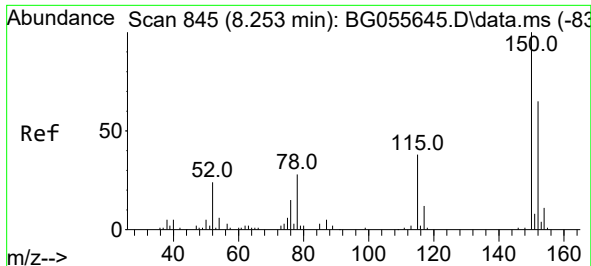
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
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QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration

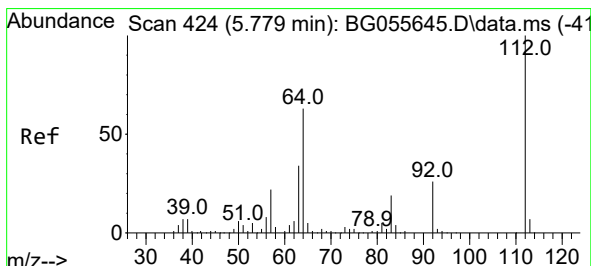
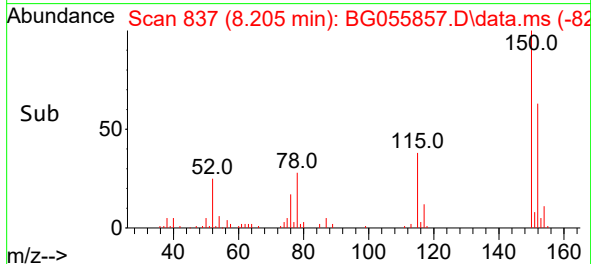
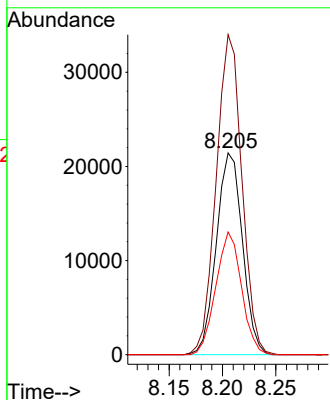
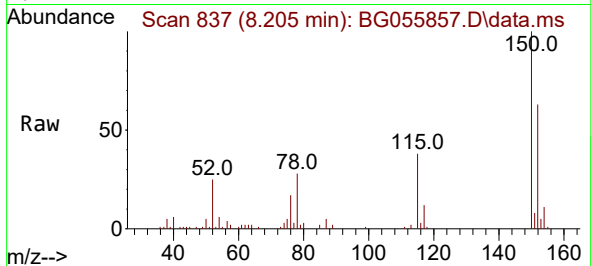




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.205 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

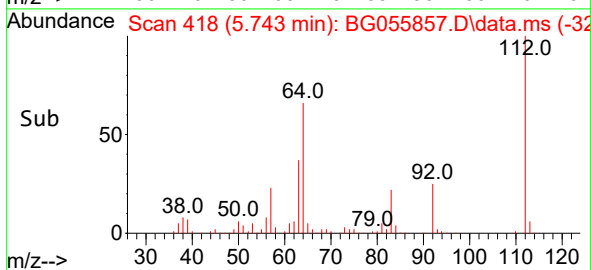
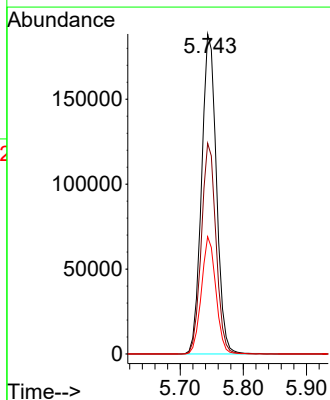
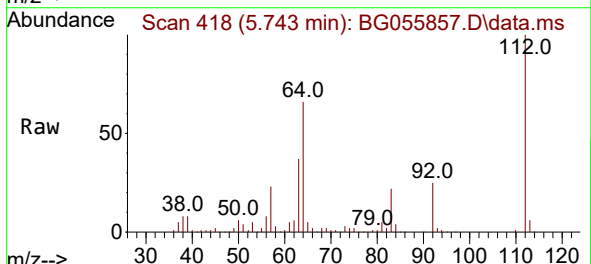
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-B-1129

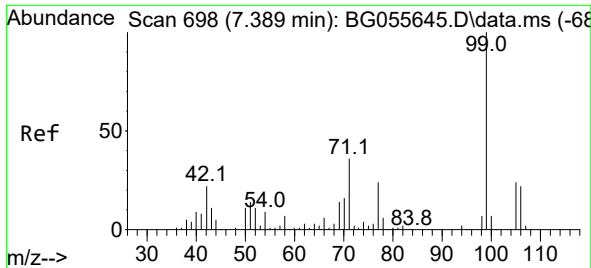
Tgt Ion:152 Resp: 36498
Ion Ratio Lower Upper
152 100
150 158.6 123.0 184.6
115 60.9 47.0 70.4



#5
2-Fluorophenol
Concen: 152.740 ng
RT: 5.743 min Scan# 418
Delta R.T. 0.006 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Tgt Ion:112 Resp: 308417
Ion Ratio Lower Upper
112 100
64 65.9 50.6 76.0
63 36.7 27.5 41.3

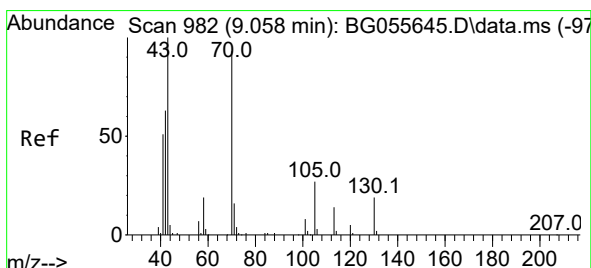
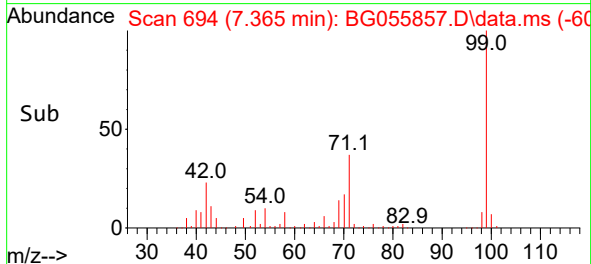
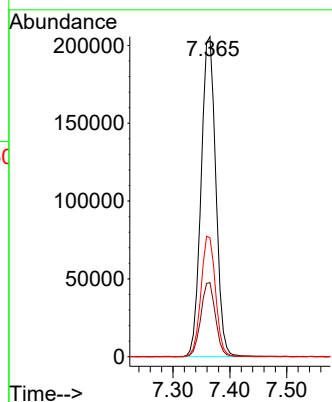
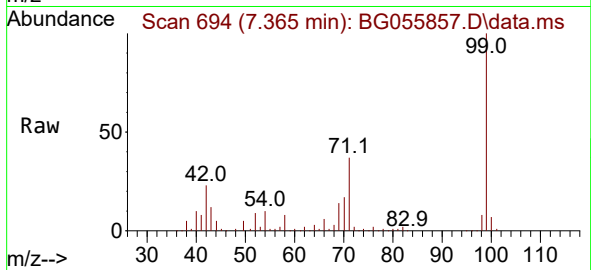




#7
Phenol-d6
Concen: 137.305 ng
RT: 7.365 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

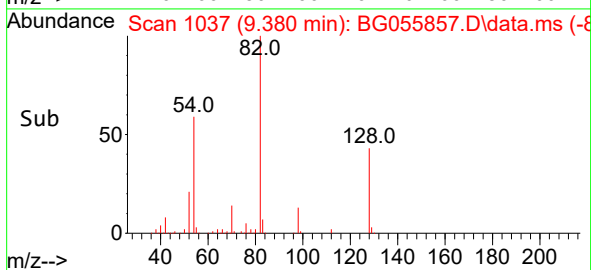
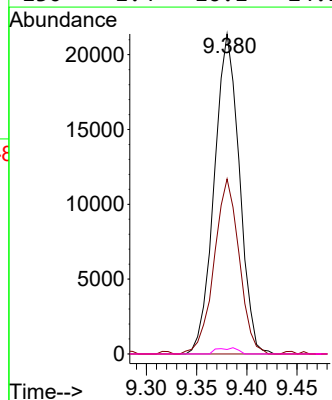
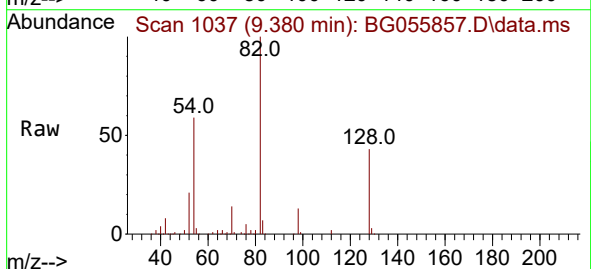
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-B-1129

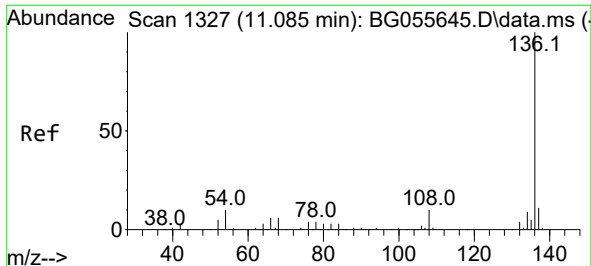
Tgt Ion: 99 Resp: 369065
Ion Ratio Lower Upper
99 100
42 23.1 18.0 27.0
71 37.1 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.992 ng
RT: 9.380 min Scan# 1037
Delta R.T. 0.370 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Tgt Ion: 70 Resp: 37157
Ion Ratio Lower Upper
70 100
42 54.7 55.2 82.8#
101 0.0 7.1 10.7#
130 1.4 16.1 24.1#

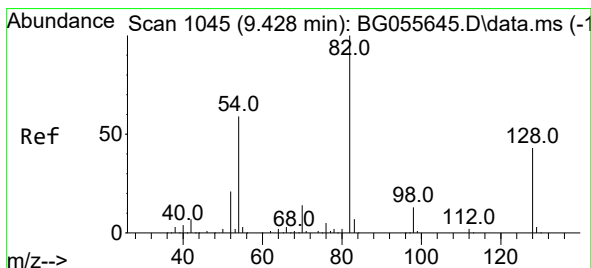
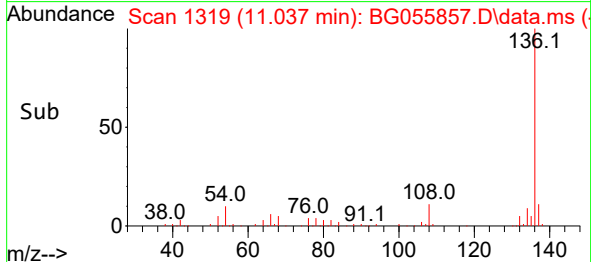
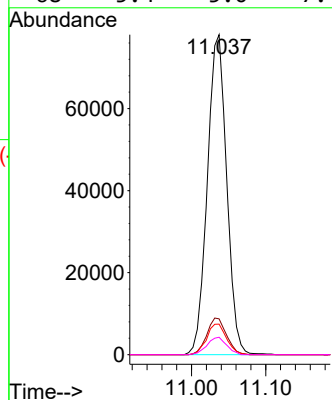
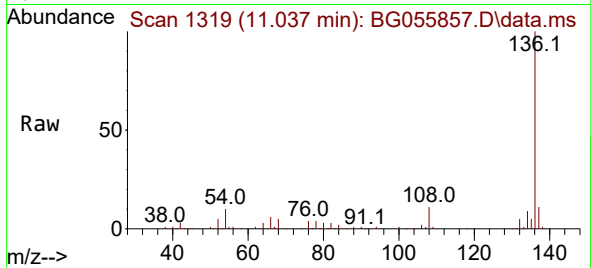




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.037 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

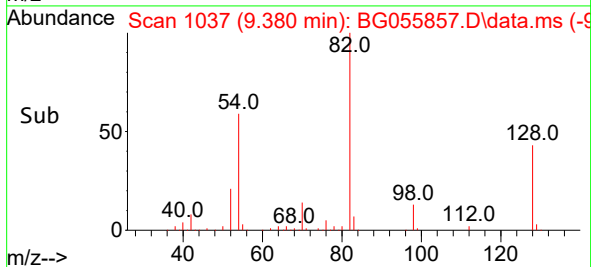
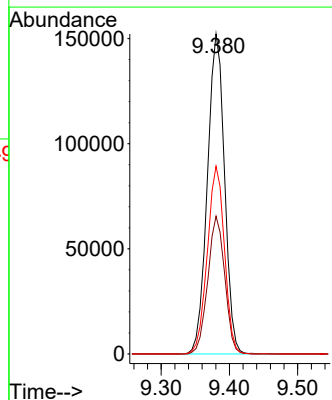
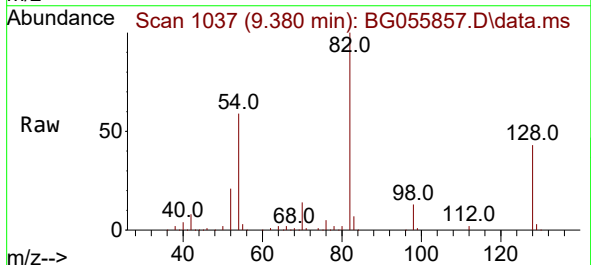
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-B-1129

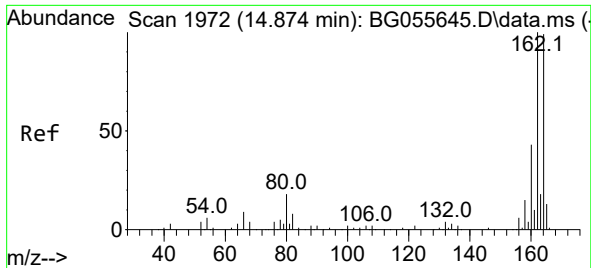
Tgt Ion:	136	Resp:	141241
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	9.6	7.8	11.6
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 99.721 ng
RT: 9.380 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Tgt Ion:	82	Resp:	266480
Ion Ratio	Lower	Upper	
82	100		
128	43.1	34.1	51.1
54	58.6	47.3	70.9

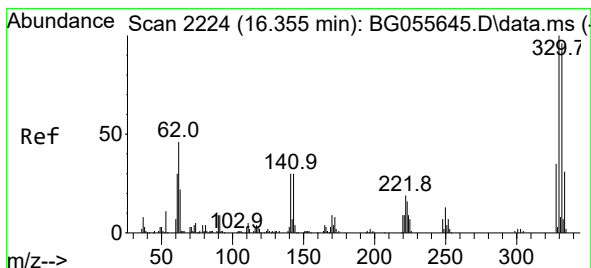
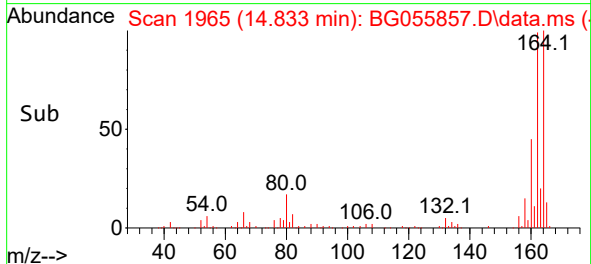
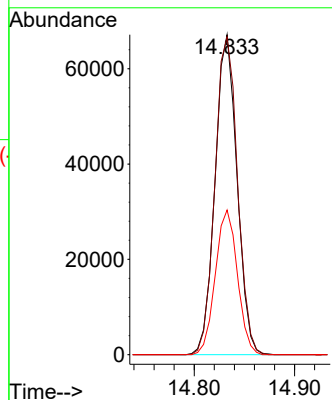
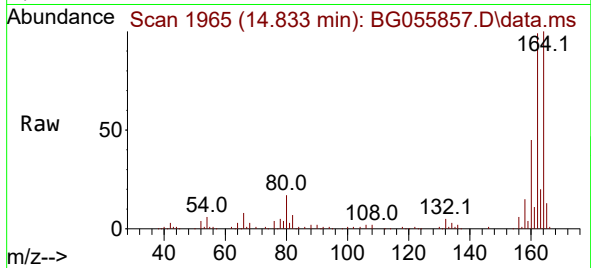




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

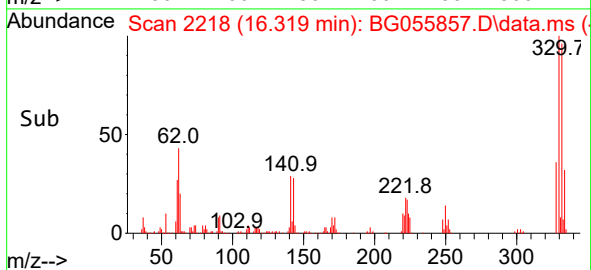
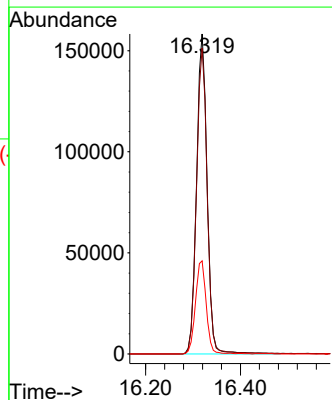
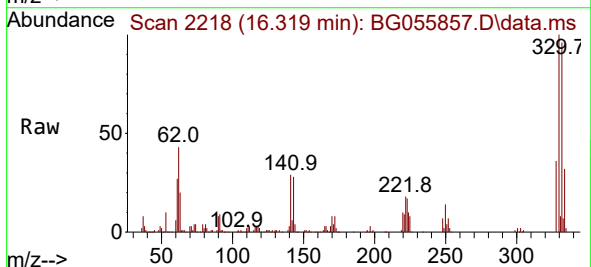
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-B-1129

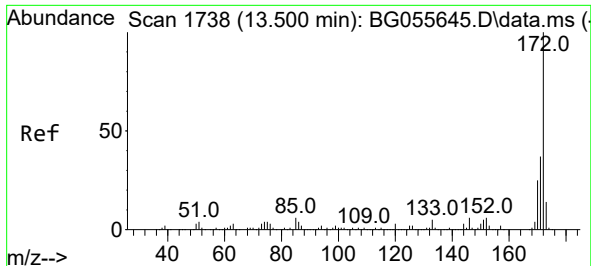
Tgt Ion:164 Resp: 101908
Ion Ratio Lower Upper
164 100
162 99.3 81.1 121.7
160 45.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 170.945 ng
RT: 16.319 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Tgt Ion:330 Resp: 245306
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 29.6 23.9 35.9

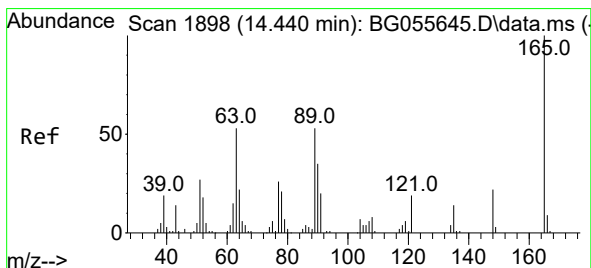
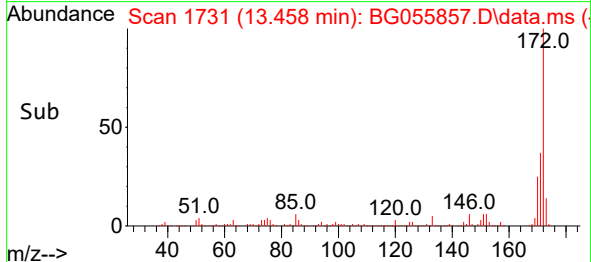
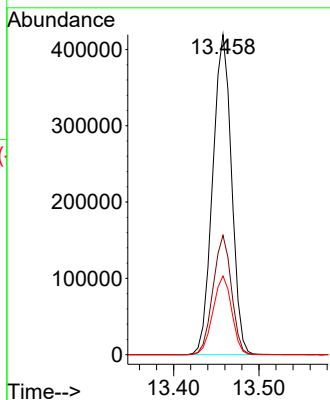
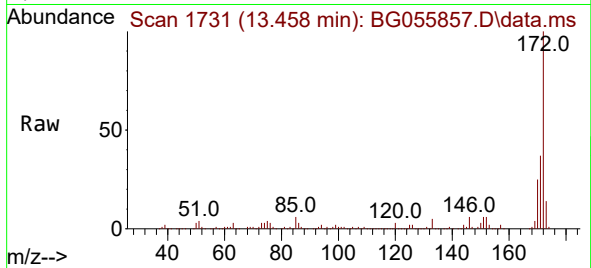




#45
2-Fluorobiphenyl
Concen: 94.758 ng
RT: 13.458 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

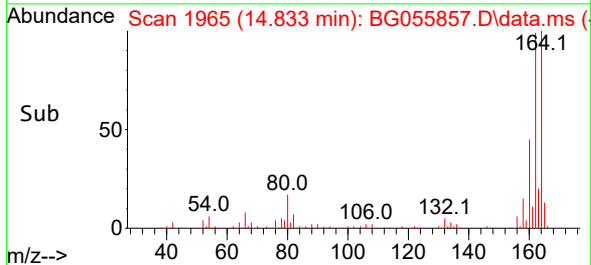
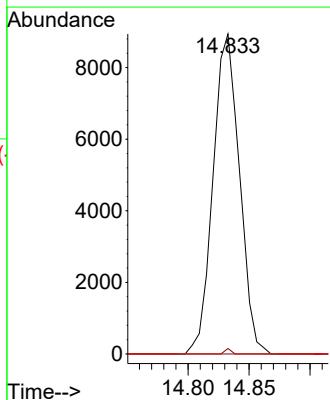
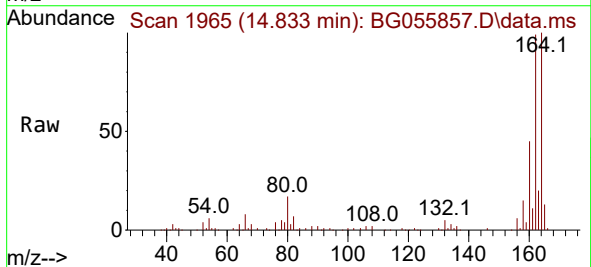
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ClientSampleId :
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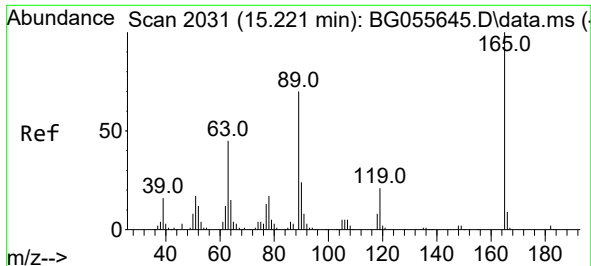
Tgt Ion:172 Resp: 644579
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.6 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.106 ng
RT: 14.833 min Scan# 1965
Delta R.T. 0.423 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Tgt Ion:165 Resp: 13465
Ion Ratio Lower Upper
165 100
63 1.7 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.750 ng

RT: 14.833 min Scan# 1965

Delta R.T. -0.364 min

Lab File: BG055857.D

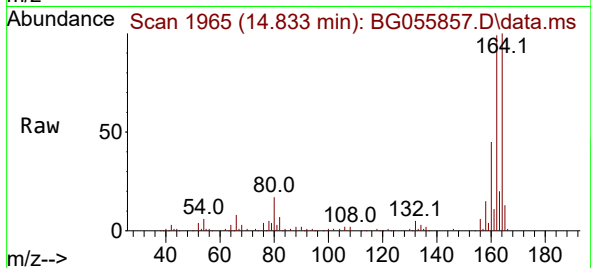
Acq: 1 Dec 2022 15:56

Instrument :

BNA_G

ClientSampleId :

HOWE-DRUM-B-1129



Tgt Ion:165 Resp: 13465

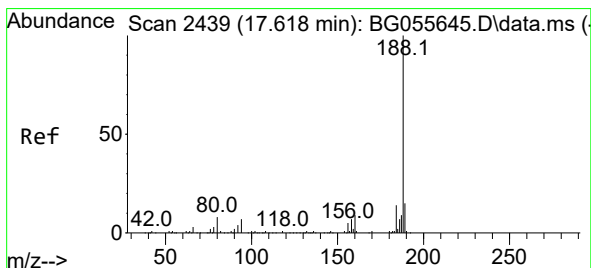
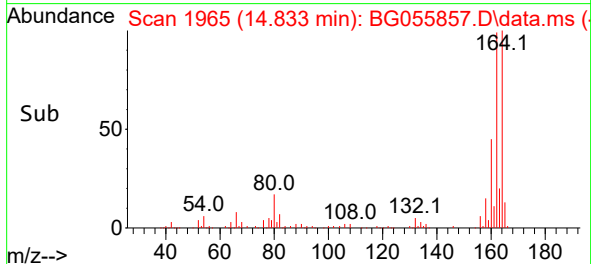
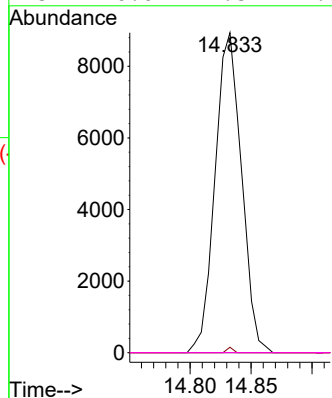
Ion Ratio Lower Upper

165 100

63 1.7 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.571 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BG055857.D

Acq: 1 Dec 2022 15:56

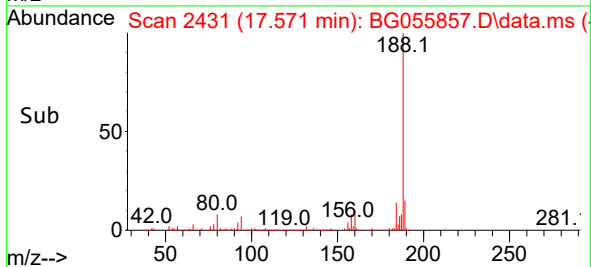
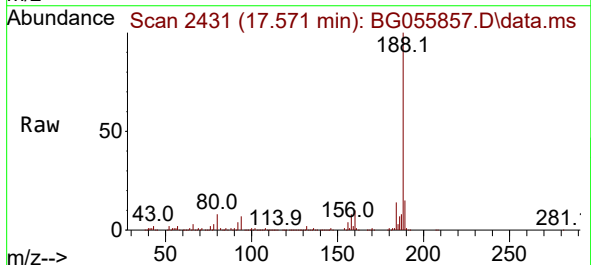
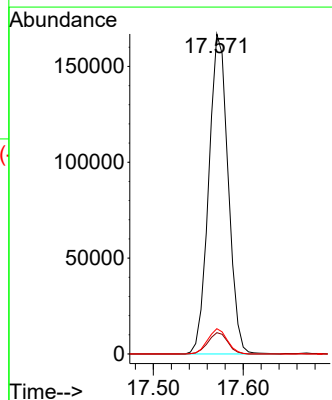
Tgt Ion:188 Resp: 250058

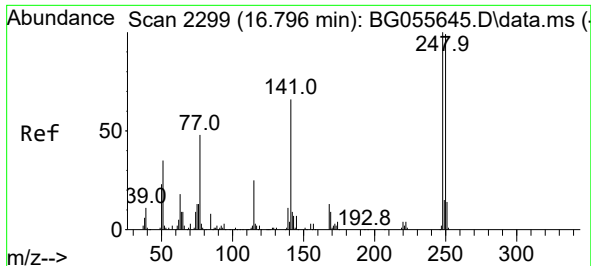
Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.9 6.6 10.0

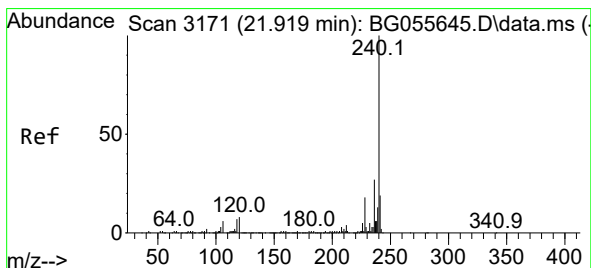
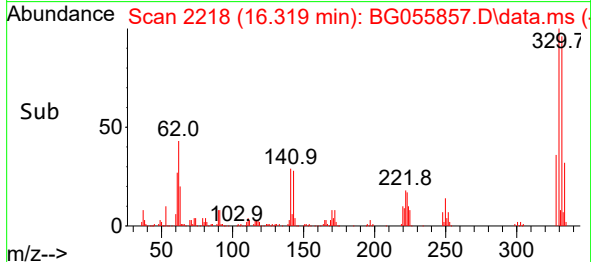
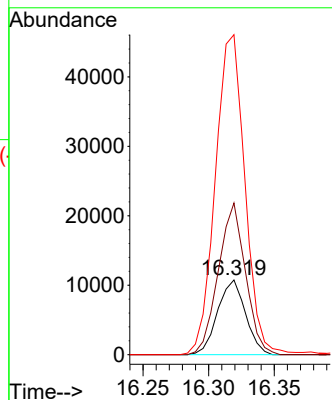
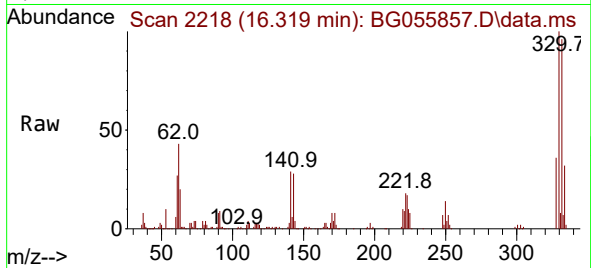




#67
4-Bromophenyl-phenylether
Concen: 5.576 ng
RT: 16.319 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

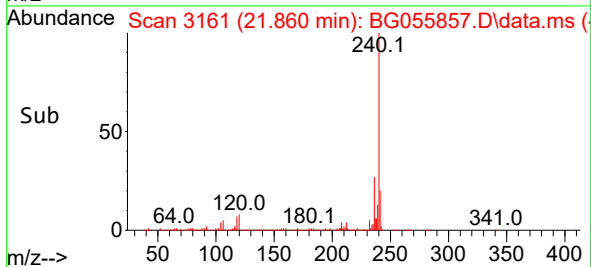
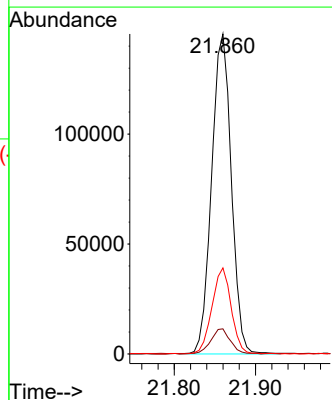
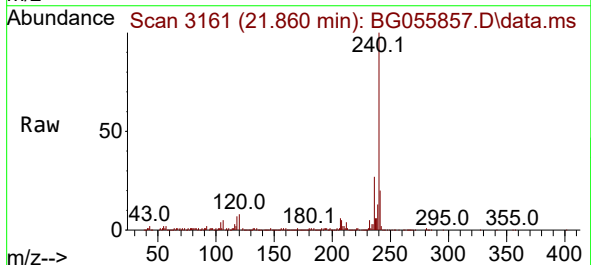
Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-B-1129

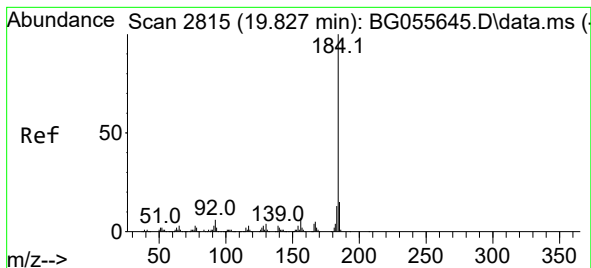
Tgt Ion:248 Resp: 15887
Ion Ratio Lower Upper
248 100
250 202.7 79.0 118.4#
141 427.8 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.860 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Tgt Ion:240 Resp: 245258
Ion Ratio Lower Upper
240 100
120 7.9 6.3 9.5
236 26.9 21.9 32.9





#77

Benzidine

Concen: 3.357 ng

RT: 20.162 min Scan# 2872

Delta R.T. 0.376 min

Lab File: BG055857.D

Acq: 1 Dec 2022 15:56

Instrument :

BNA_G

ClientSampleId :

HOWE-DRUM-B-1129

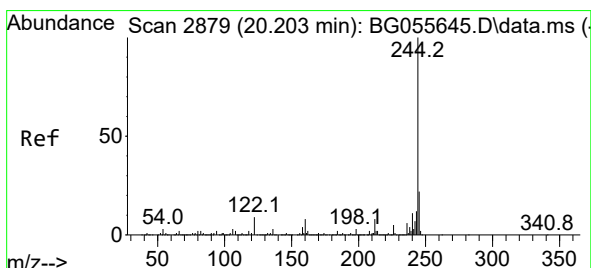
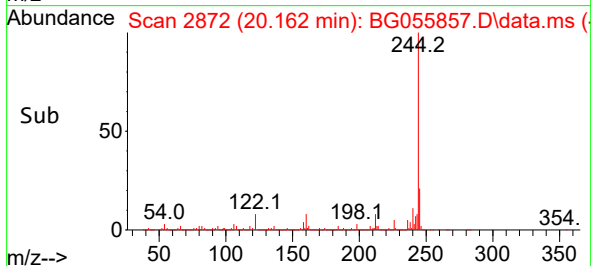
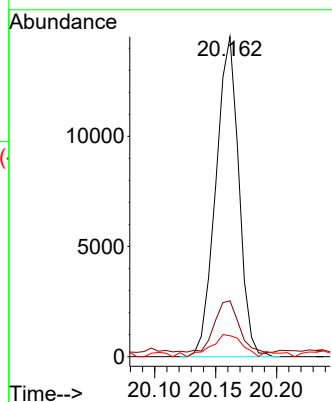
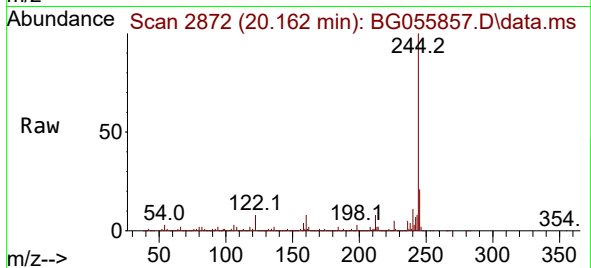
Tgt Ion:184 Resp: 19046

Ion Ratio Lower Upper

184 100

185 17.5 11.8 17.8

183 6.5 10.6 15.8#



#79

Terphenyl-d14

Concen: 96.532 ng

RT: 20.162 min Scan# 2872

Delta R.T. -0.000 min

Lab File: BG055857.D

Acq: 1 Dec 2022 15:56

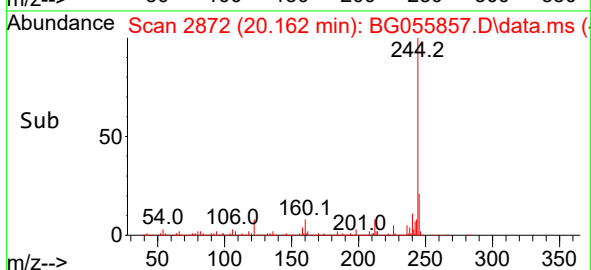
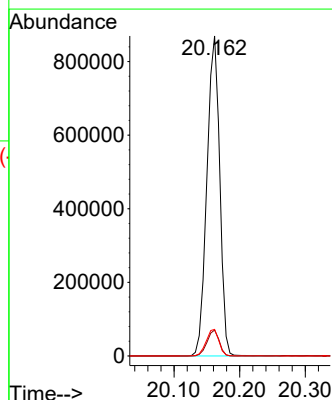
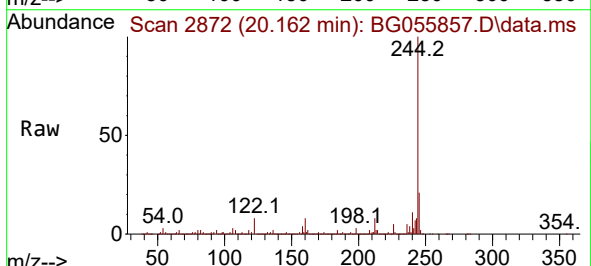
Tgt Ion:244 Resp: 1183685

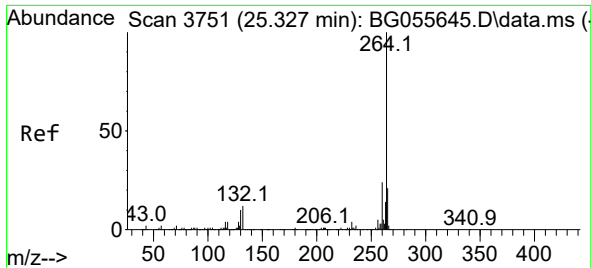
Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

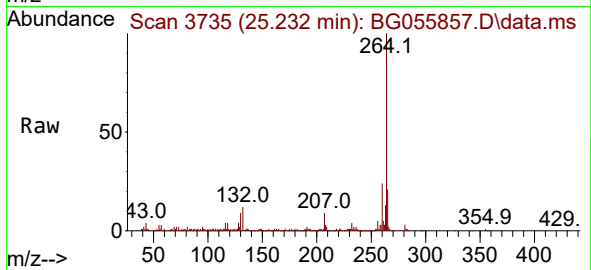
122 8.3 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.232 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BG055857.D
 Acq: 1 Dec 2022 15:56

Instrument :
 BNA_G
 ClientSampleId :
 HOWE-DRUM-B-1129



Tgt Ion:264 Resp: 258554

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.2	17.1	25.7

