

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055742.D
 Acq On : 22 Nov 2022 16:26
 Operator : CG/JU
 Sample : PB149238BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149238BL

Quant Time: Nov 23 01:39:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:35:20 2022
 Response via : Initial Calibration

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

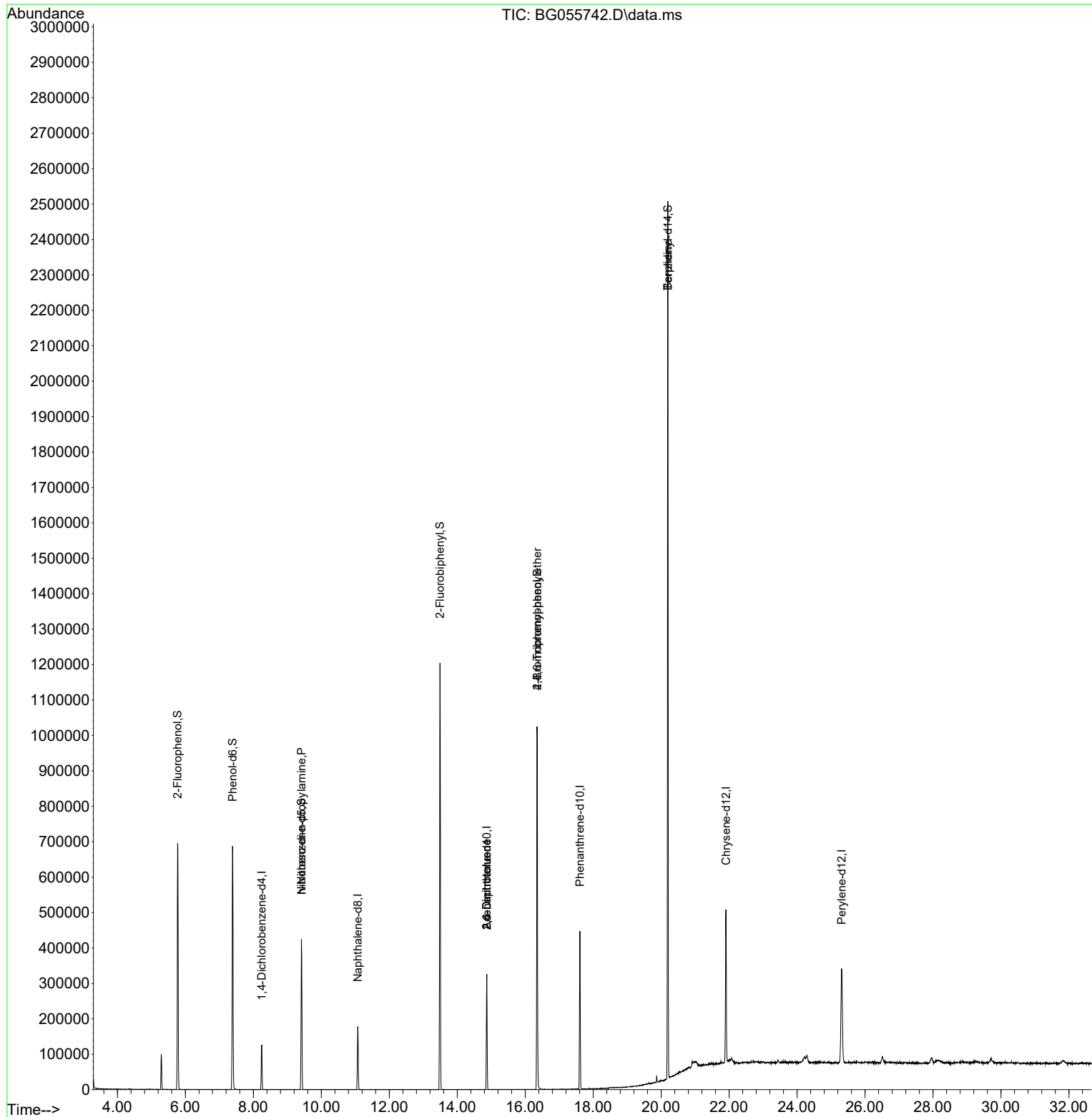
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	35517	20.000	ng	0.00
21) Naphthalene-d8	11.072	136	153573	20.000	ng	0.00
39) Acenaphthene-d10	14.867	164	115983	20.000	ng	0.00
64) Phenanthrene-d10	17.611	188	293814	20.000	ng	0.00
76) Chrysene-d12	21.906	240	277044	20.000	ng	0.00
86) Perylene-d12	25.314	264	289267	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.772	112	303454	154.433	ng	0.00
7) Phenol-d6	7.388	99	388221	148.421	ng	0.00
23) Nitrobenzene-d5	9.415	82	244071	84.001	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	222517	136.247	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	634125	81.908	ng	0.00
79) Terphenyl-d14	20.197	244	1211418	87.459	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.415	70	33185	16.512	ng	# 75
51) 2,6-Dinitrotoluene	14.867	165	14837	7.848	ng	# 24
57) 2,4-Dinitrotoluene	14.867	165	14837	5.567	ng	# 22
67) 4-Bromophenyl-phenylether	16.354	248	14393	4.299	ng	# 1
77) Benzidine	20.197	184	19407	3.028	ng	# 92

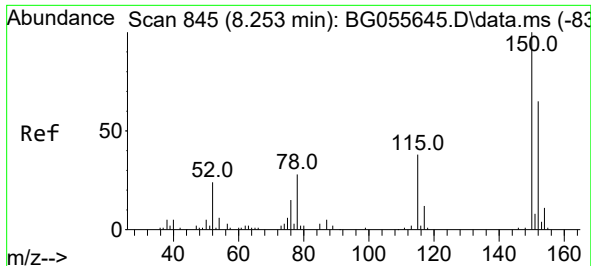
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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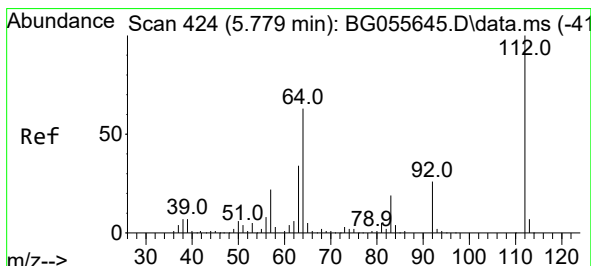
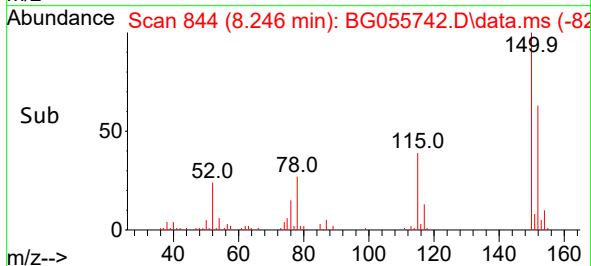
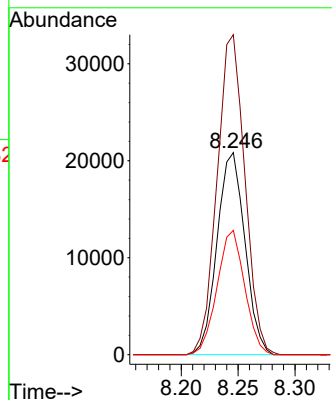
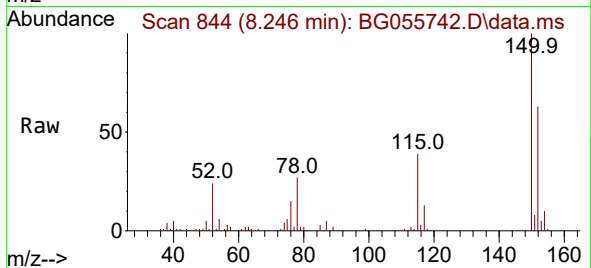




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.246 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055742.D
Acq: 22 Nov 2022 16:26

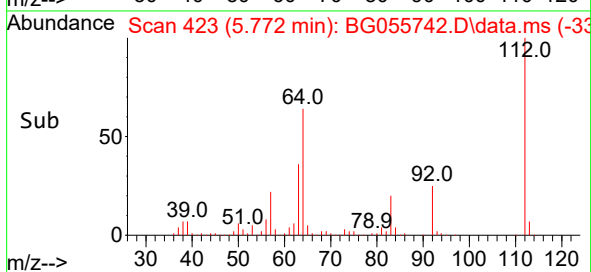
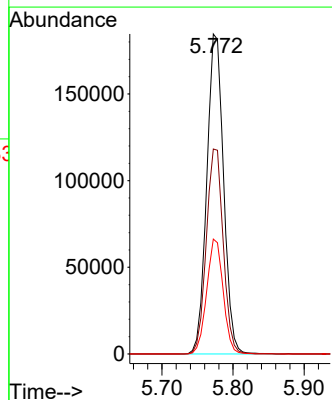
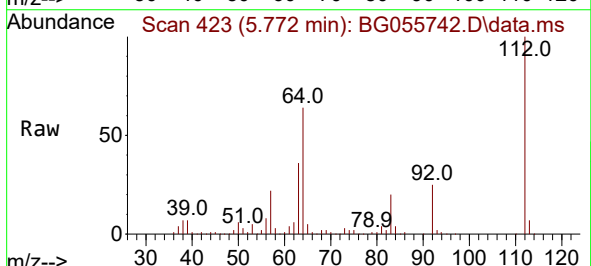
Instrument :
BNA_G
ClientSampleId :
PB149238BL

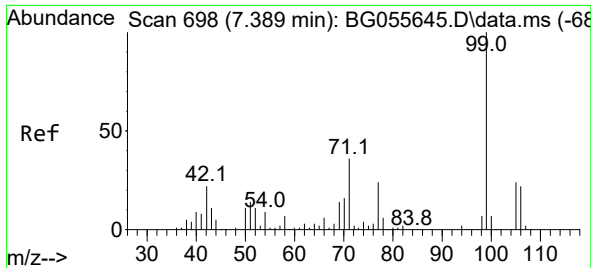
Tgt Ion:152 Resp: 35517
Ion Ratio Lower Upper
152 100
150 158.4 123.0 184.6
115 61.5 47.0 70.4



#5
2-Fluorophenol
Concen: 154.433 ng
RT: 5.772 min Scan# 423
Delta R.T. -0.000 min
Lab File: BG055742.D
Acq: 22 Nov 2022 16:26

Tgt Ion:112 Resp: 303454
Ion Ratio Lower Upper
112 100
64 64.1 50.6 76.0
63 35.9 27.5 41.3

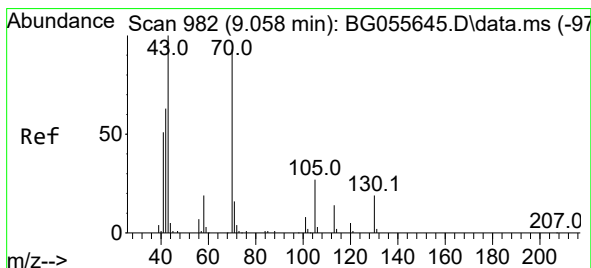
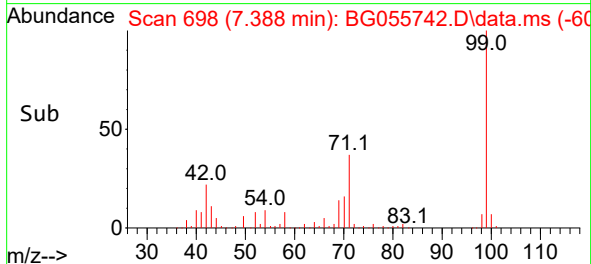
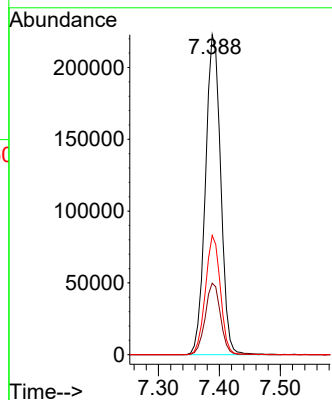
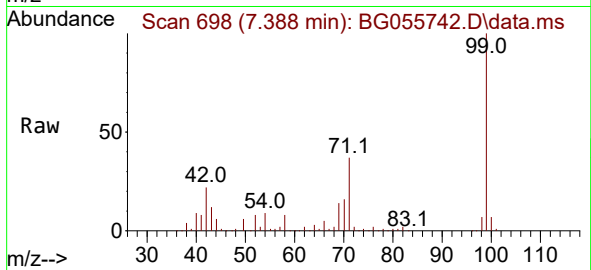




#7
Phenol-d6
Concen: 148.421 ng
RT: 7.388 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG055742.D
Acq: 22 Nov 2022 16:26

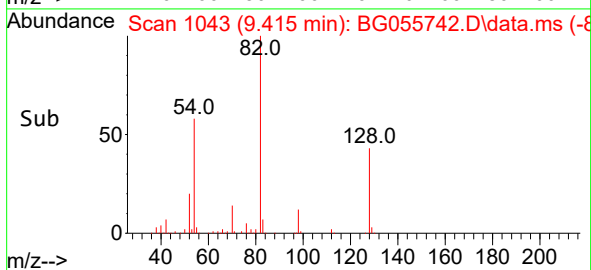
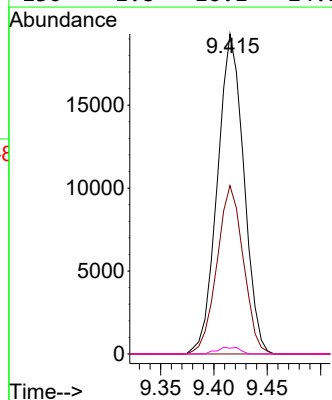
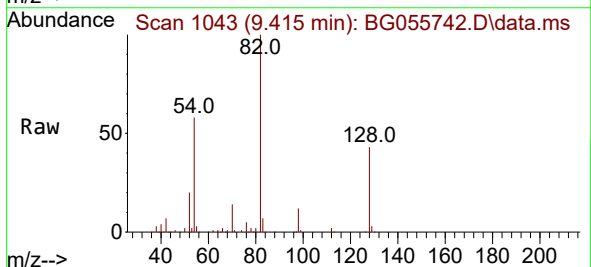
Instrument :
BNA_G
ClientSampleId :
PB149238BL

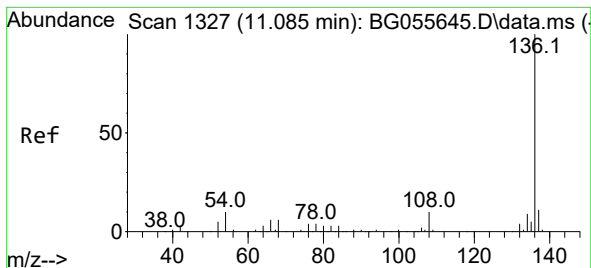
Tgt Ion: 99 Resp: 388221
Ion Ratio Lower Upper
99 100
42 22.3 18.0 27.0
71 37.3 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.512 ng
RT: 9.415 min Scan# 1043
Delta R.T. 0.370 min
Lab File: BG055742.D
Acq: 22 Nov 2022 16:26

Tgt Ion: 70 Resp: 33185
Ion Ratio Lower Upper
70 100
42 52.6 55.2 82.8#
101 0.0 7.1 10.7#
130 1.8 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.072 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG055742.D

Acq: 22 Nov 2022 16:26

Instrument :

BNA_G

ClientSampleId :

PB149238BL

Tgt Ion:136 Resp: 153573

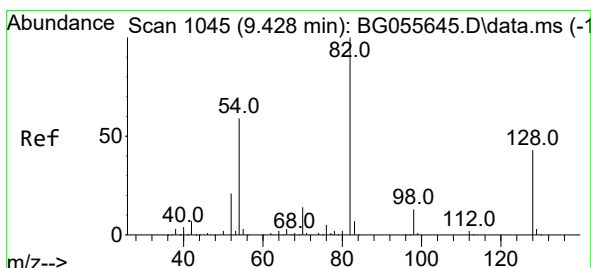
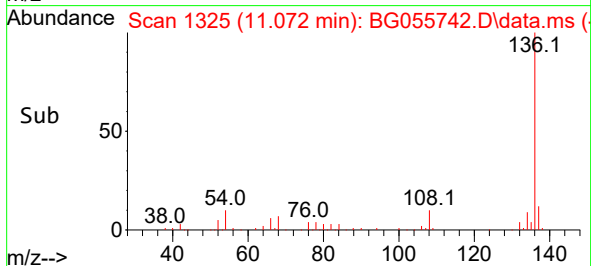
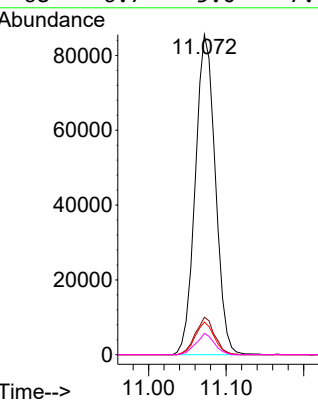
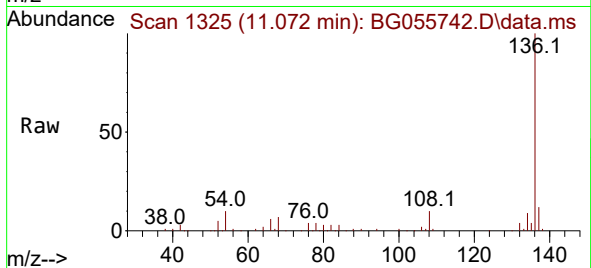
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.6

54 10.2 7.8 11.6

68 6.7 5.0 7.4



#23

Nitrobenzene-d5

Concen: 84.001 ng

RT: 9.415 min Scan# 1043

Delta R.T. -0.000 min

Lab File: BG055742.D

Acq: 22 Nov 2022 16:26

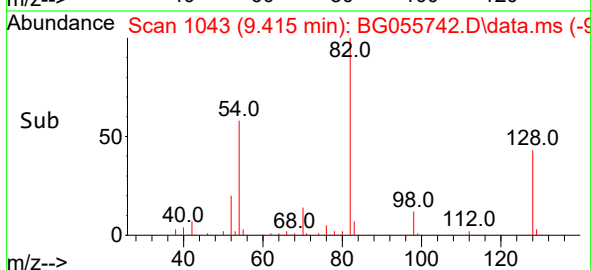
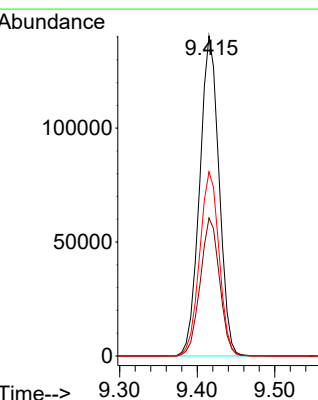
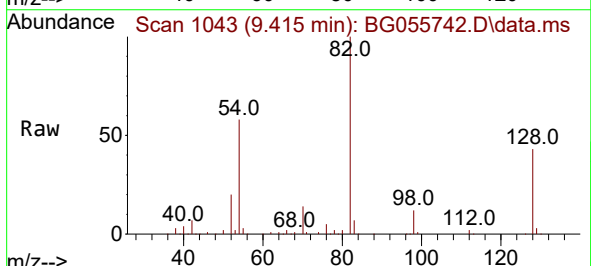
Tgt Ion: 82 Resp: 244071

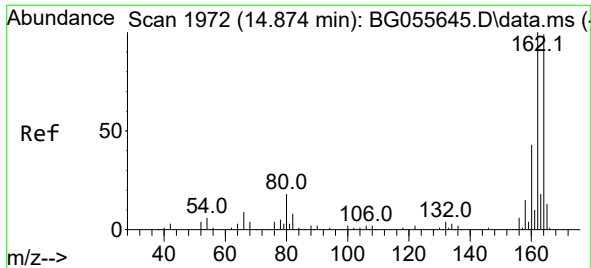
Ion Ratio Lower Upper

82 100

128 43.1 34.1 51.1

54 57.5 47.3 70.9

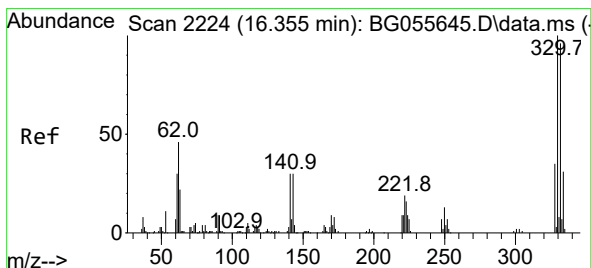
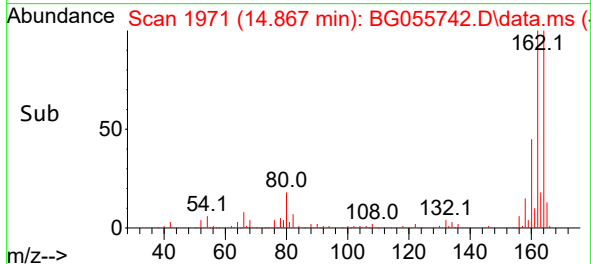
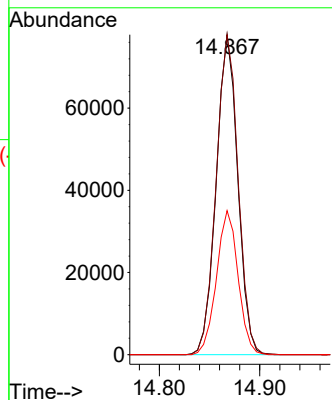
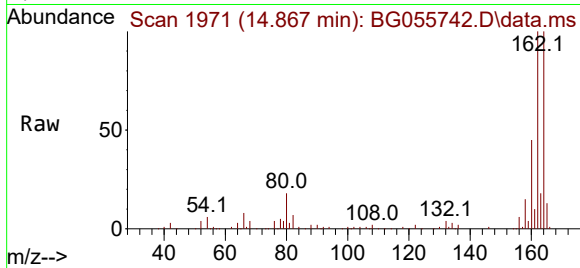




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.867 min Scan# 1971
 Delta R.T. -0.000 min
 Lab File: BG055742.D
 Acq: 22 Nov 2022 16:26

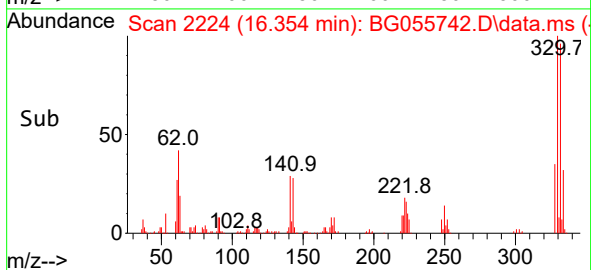
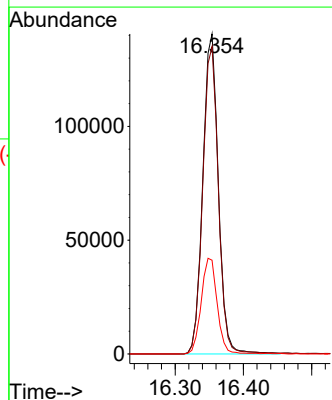
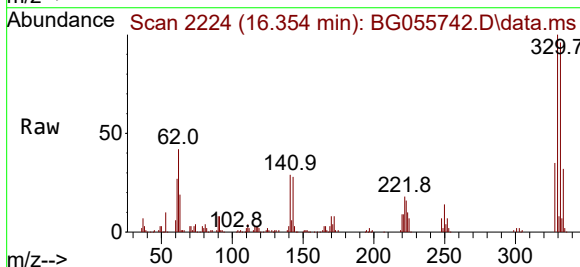
Instrument :
 BNA_G
 ClientSampleId :
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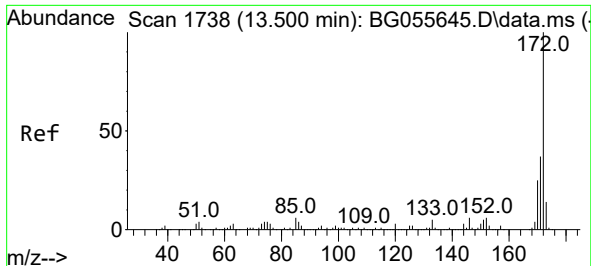
Tgt Ion:164 Resp: 115983
 Ion Ratio Lower Upper
 164 100
 162 100.1 81.1 121.7
 160 45.0 34.8 52.2



#42
 2,4,6-Tribromophenol
 Concen: 136.247 ng
 RT: 16.354 min Scan# 2224
 Delta R.T. 0.006 min
 Lab File: BG055742.D
 Acq: 22 Nov 2022 16:26

Tgt Ion:330 Resp: 222517
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.8 116.8
 141 30.7 23.9 35.9

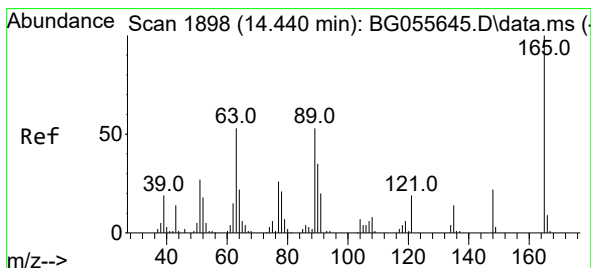
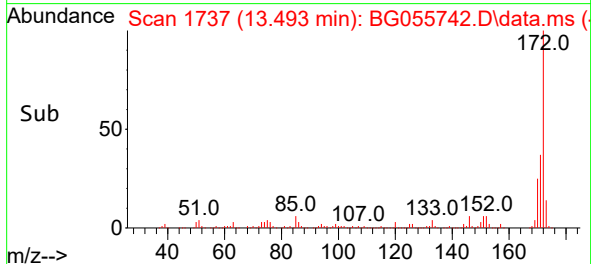
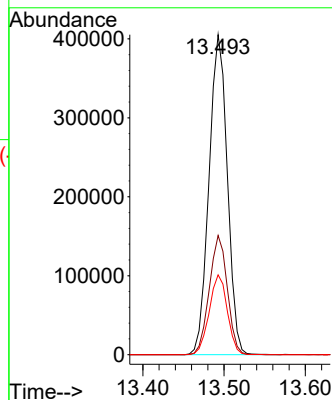
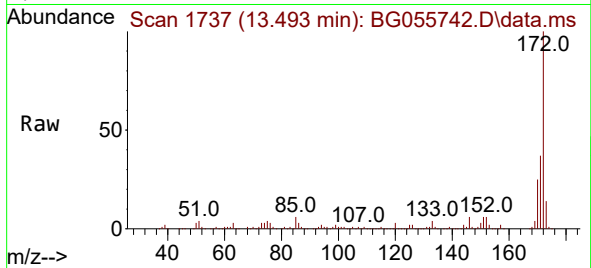




#45
2-Fluorobiphenyl
Concen: 81.908 ng
RT: 13.493 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055742.D
Acq: 22 Nov 2022 16:26

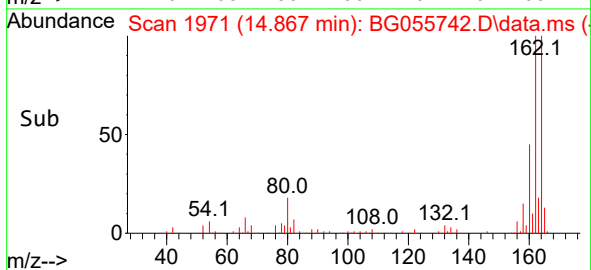
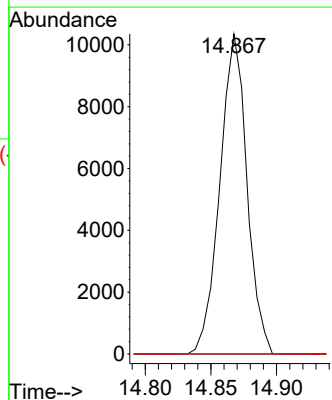
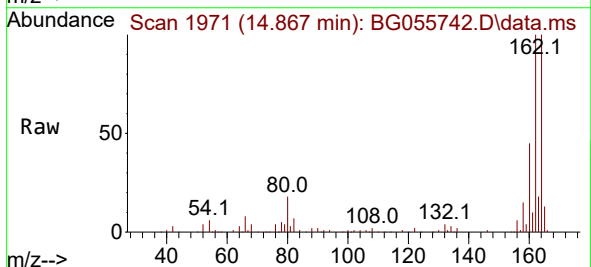
Instrument :
BNA_G
ClientSampleId :
PB149238BL

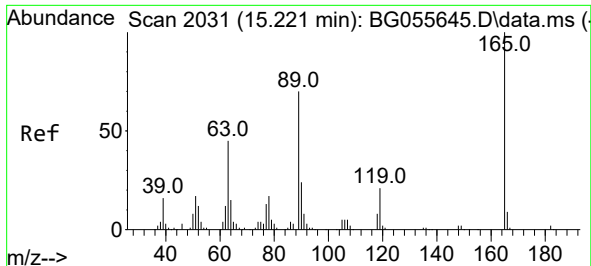
Tgt Ion:172 Resp: 634125
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 24.9 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.848 ng
RT: 14.867 min Scan# 1971
Delta R.T. 0.435 min
Lab File: BG055742.D
Acq: 22 Nov 2022 16:26

Tgt Ion:165 Resp: 14837
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.567 ng

RT: 14.867 min Scan# 1971

Delta R.T. -0.353 min

Lab File: BG055742.D

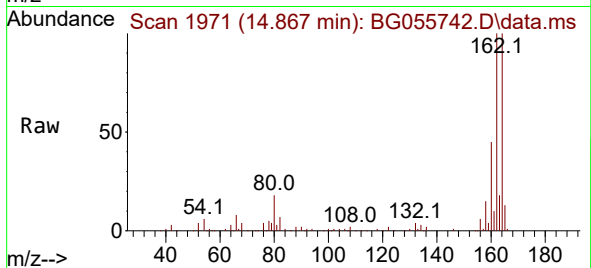
Acq: 22 Nov 2022 16:26

Instrument :

BNA_G

ClientSampleId :

PB149238BL



Tgt Ion:165 Resp: 14837

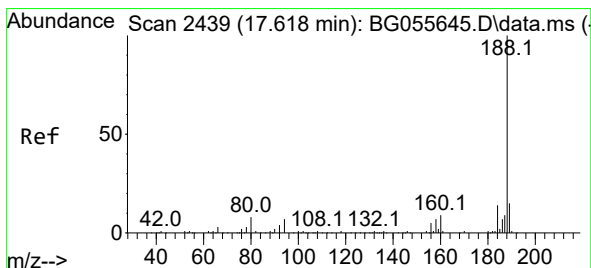
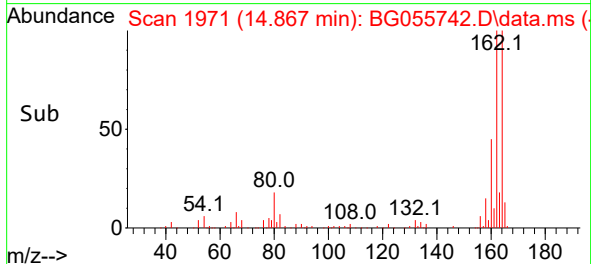
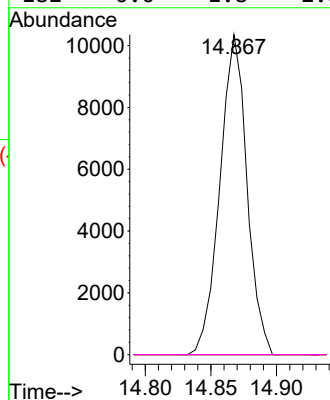
Ion Ratio Lower Upper

165 100

63 0.0 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: 17.611 min Scan# 2438

Delta R.T. 0.006 min

Lab File: BG055742.D

Acq: 22 Nov 2022 16:26

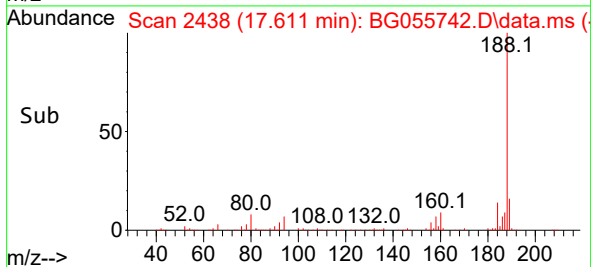
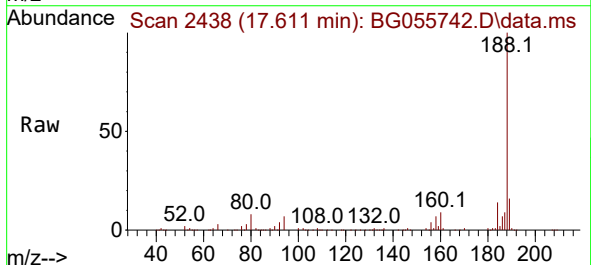
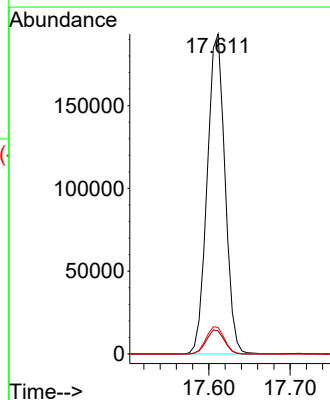
Tgt Ion:188 Resp: 293814

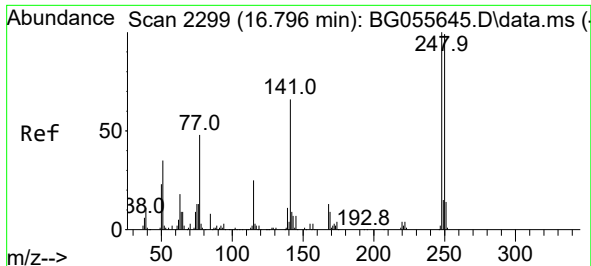
Ion Ratio Lower Upper

188 100

94 7.2 5.4 8.2

80 8.3 6.6 10.0

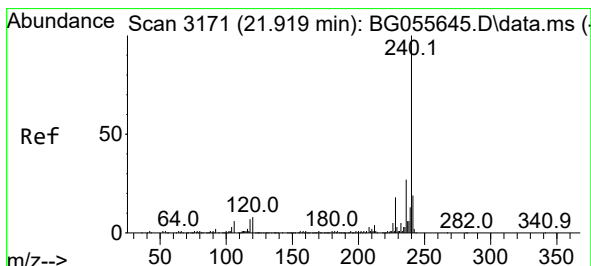
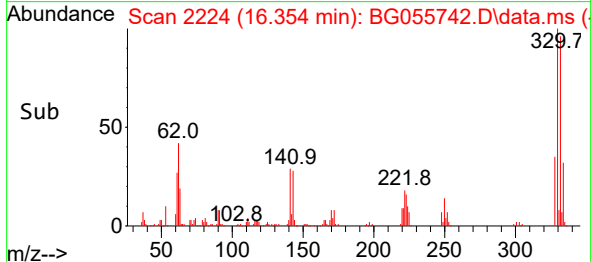
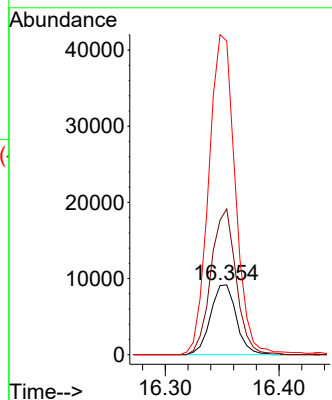
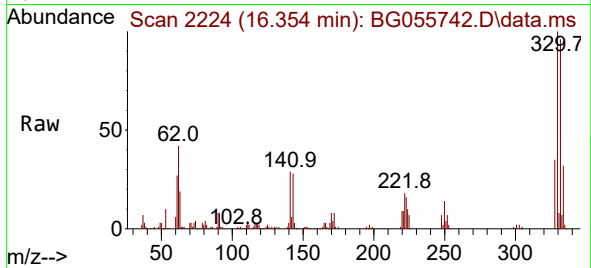




#67
4-Bromophenyl-phenylether
Concen: 4.299 ng
RT: 16.354 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG055742.D
Acq: 22 Nov 2022 16:26

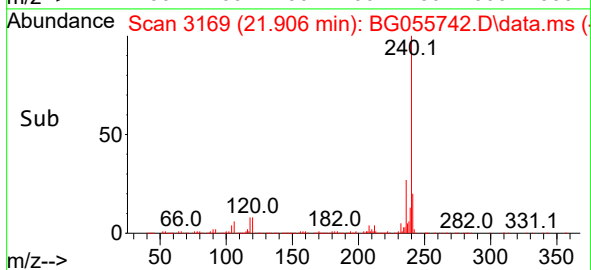
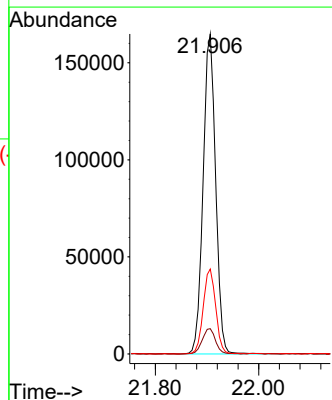
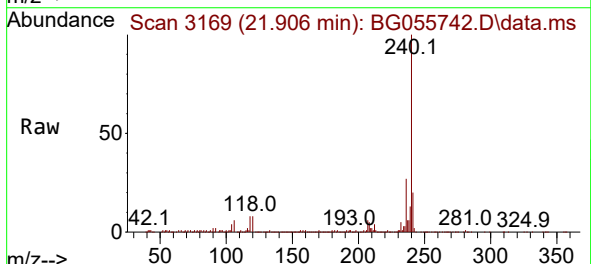
Instrument :
BNA_G
ClientSampleId :
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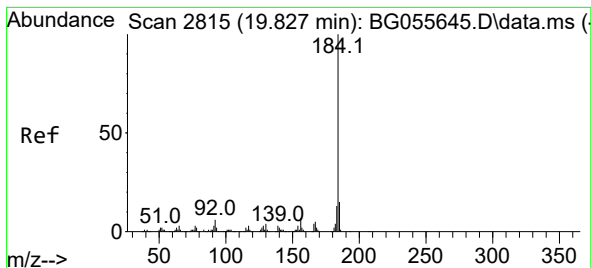
Tgt Ion:248 Resp: 14393
Ion Ratio Lower Upper
248 100
250 209.2 79.0 118.4#
141 450.3 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.906 min Scan# 3169
Delta R.T. -0.000 min
Lab File: BG055742.D
Acq: 22 Nov 2022 16:26

Tgt Ion:240 Resp: 277044
Ion Ratio Lower Upper
240 100
120 7.9 6.3 9.5
236 26.5 21.9 32.9





#77

Benzidine

Concen: 3.028 ng

RT: 20.197 min Scan# 2878

Delta R.T. 0.382 min

Lab File: BG055742.D

Acq: 22 Nov 2022 16:26

Instrument :

BNA_G

ClientSampleId :

PB149238BL

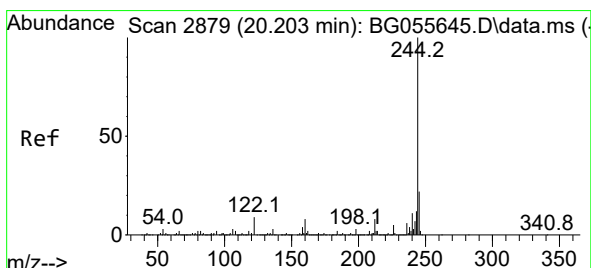
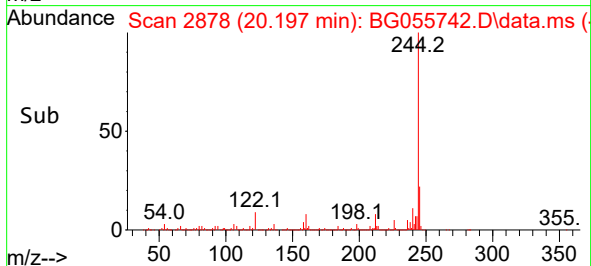
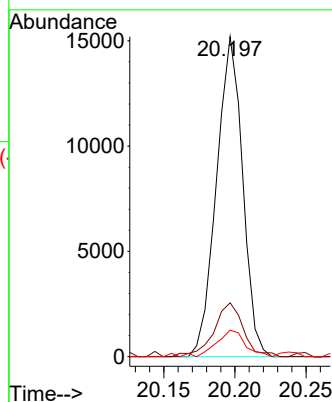
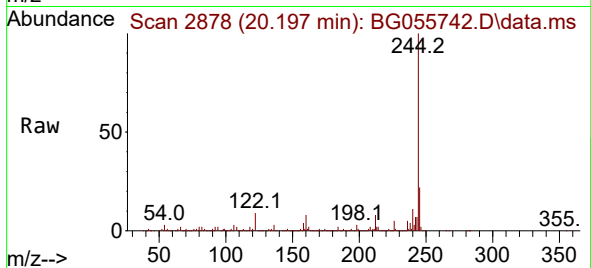
Tgt Ion:184 Resp: 19407

Ion Ratio Lower Upper

184 100

185 16.9 11.8 17.8

183 8.3 10.6 15.8#



#79

Terphenyl-d14

Concen: 87.459 ng

RT: 20.197 min Scan# 2878

Delta R.T. 0.006 min

Lab File: BG055742.D

Acq: 22 Nov 2022 16:26

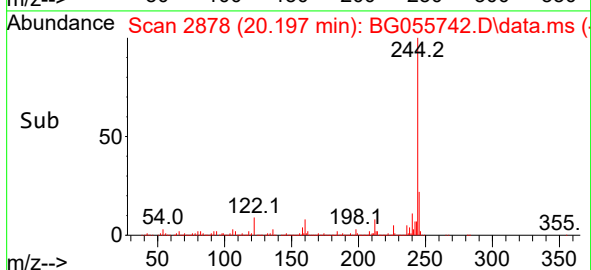
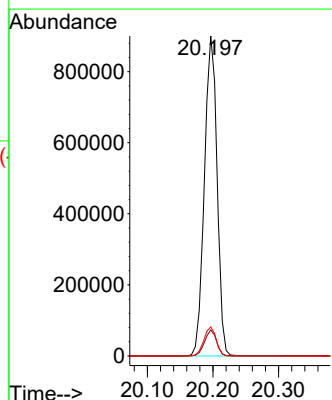
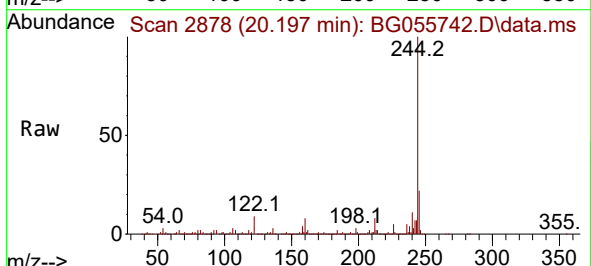
Tgt Ion:244 Resp: 1211418

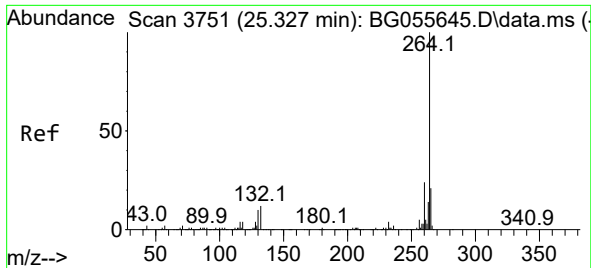
Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

122 9.1 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.314 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BG055742.D
 Acq: 22 Nov 2022 16:26

Instrument :
 BNA_G
 ClientSampleId :
 PB149238BL

Tgt Ion:264 Resp: 289267
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.4 17.1 25.7

