

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056586.D
 Acq On : 8 Feb 2023 17:55
 Operator : CG/JU
 Sample : 01445-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JPP-26-020323

Quant Time: Feb 09 02:08:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

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

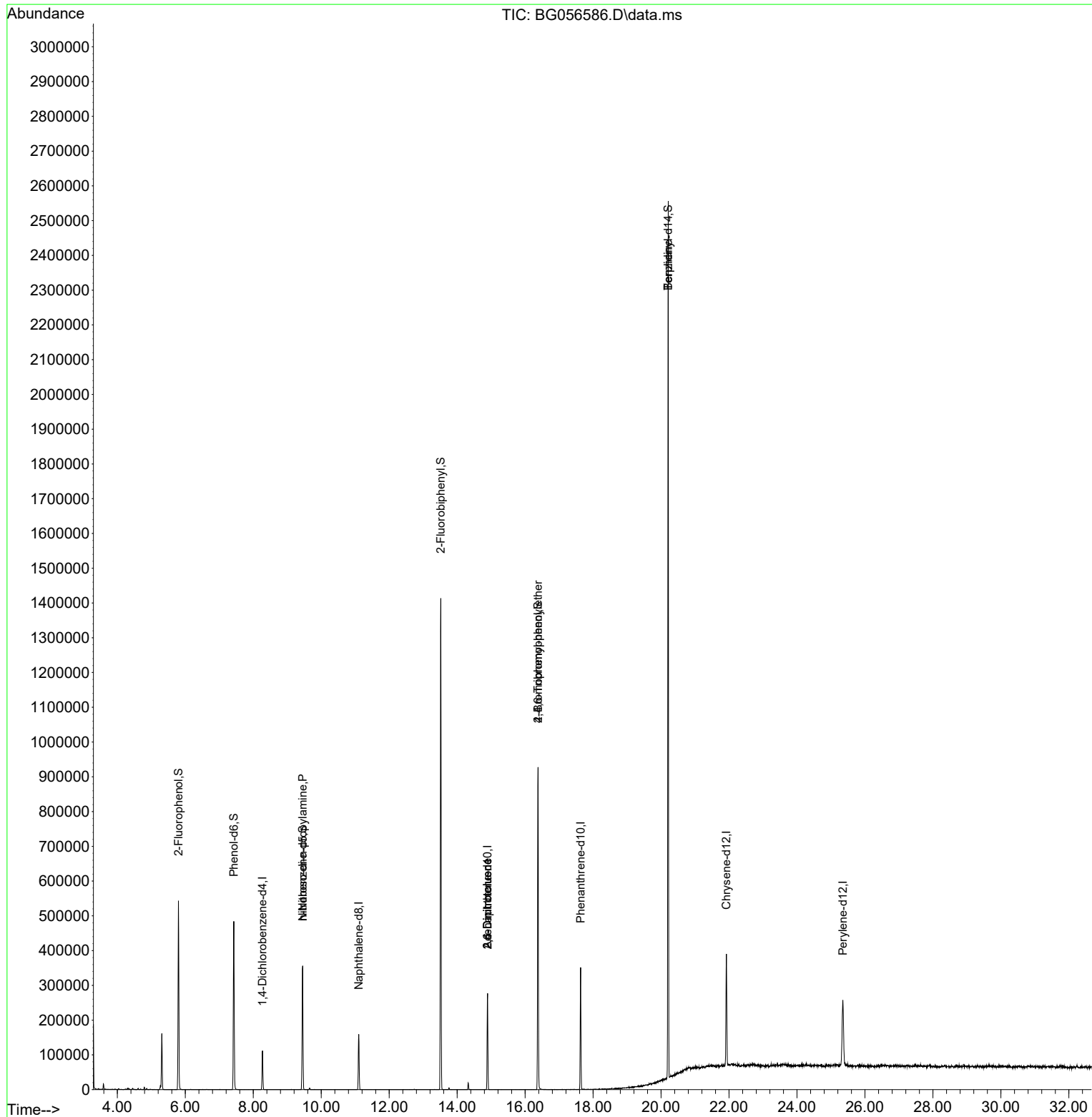
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	38987	20.000	ng	# 0.00
21) Naphthalene-d8	11.103	136	149400	20.000	ng	0.00
39) Acenaphthene-d10	14.893	164	107964	20.000	ng	0.00
64) Phenanthrene-d10	17.631	188	244688	20.000	ng	0.00
76) Chrysene-d12	21.920	240	222122	20.000	ng	0.00
86) Perylene-d12	25.351	264	241050	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	311678	147.063	ng	0.00
7) Phenol-d6	7.425	99	392020	124.840	ng	0.00
23) Nitrobenzene-d5	9.452	82	253282	96.269	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	209235	145.776	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	815041	104.664	ng	0.00
79) Terphenyl-d14	20.210	244	1360258	107.558	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.425	77	465	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.452	70	31871	17.612	ng	# 74
51) 2,6-Dinitrotoluene	14.893	165	14621	7.676	ng	# 36
57) 2,4-Dinitrotoluene	14.893	165	14621	5.449	ng	# 35
67) 4-Bromophenyl-phenylether	16.379	248	16435	5.247	ng	# 1
77) Benzidine	20.210	184	20019	3.330	ng	# 91

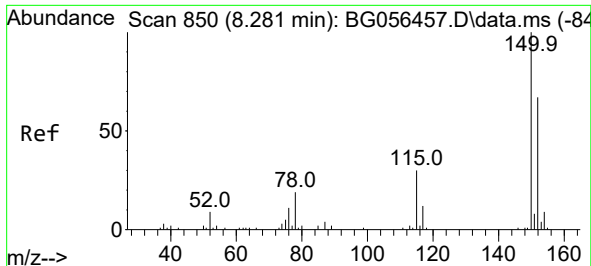
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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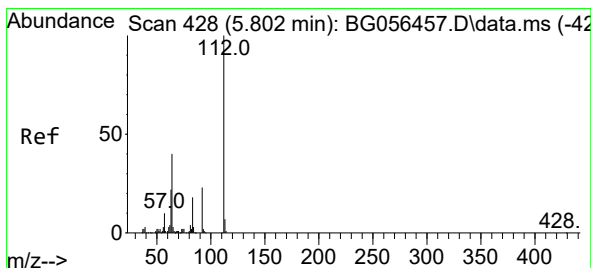
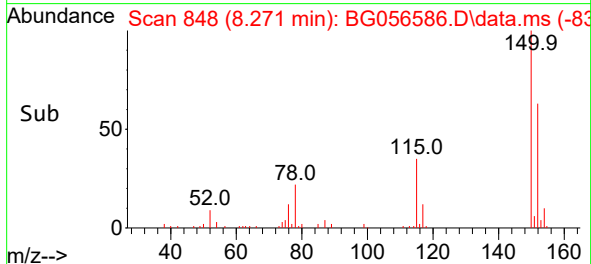
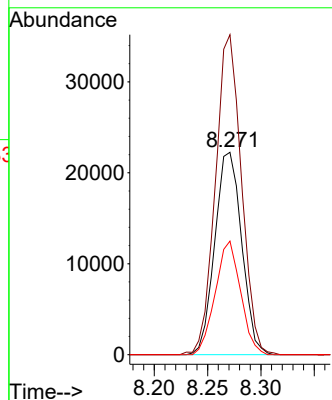
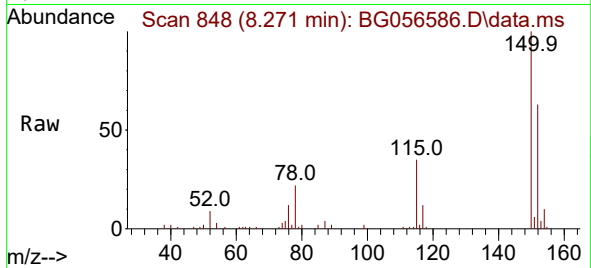




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG056586.D
Acq: 8 Feb 2023 17:55

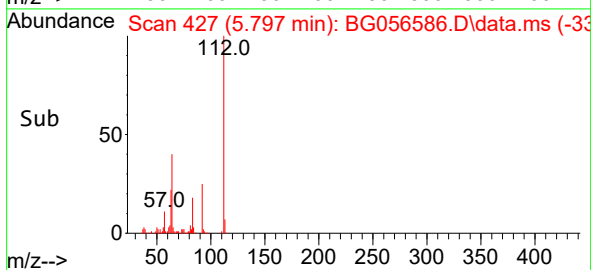
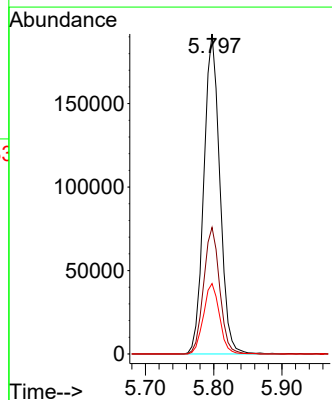
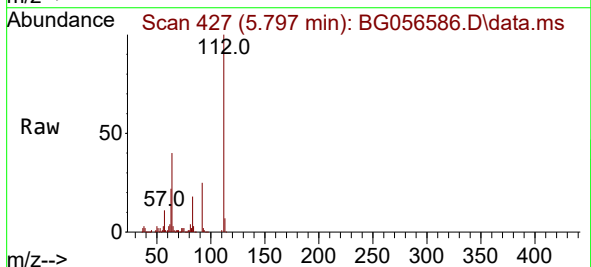
Instrument :
BNA_G
ClientSampleId :
JPP-26-020323

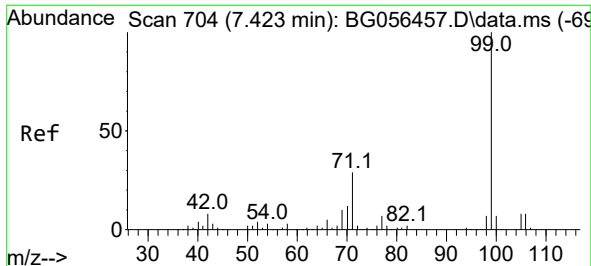
Tgt Ion:152 Resp: 38987
Ion Ratio Lower Upper
152 100
150 158.1 120.2 180.4
115 56.1 36.3 54.5#



#5
2-Fluorophenol
Concen: 147.063 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.007 min
Lab File: BG056586.D
Acq: 8 Feb 2023 17:55

Tgt Ion:112 Resp: 311678
Ion Ratio Lower Upper
112 100
64 39.6 31.9 47.9
63 22.0 17.4 26.0

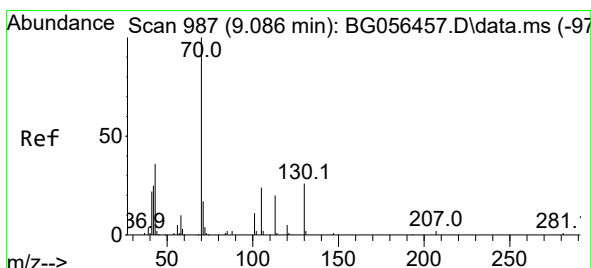
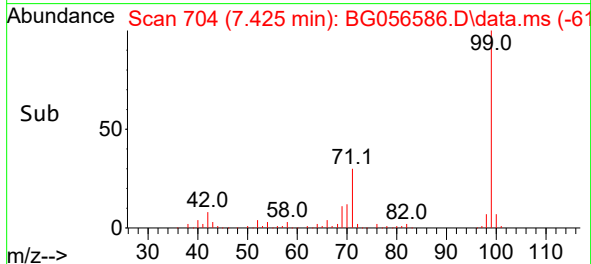
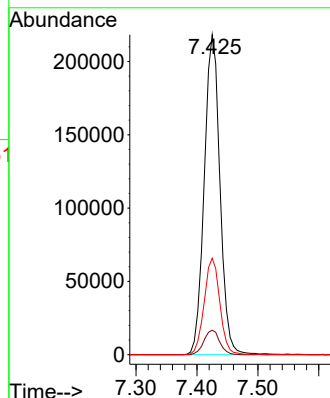
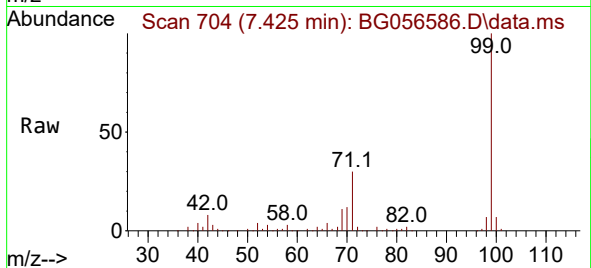




#7
Phenol-d6
Concen: 124.840 ng
RT: 7.425 min Scan# 704
Delta R.T. 0.007 min
Lab File: BG056586.D
Acq: 8 Feb 2023 17:55

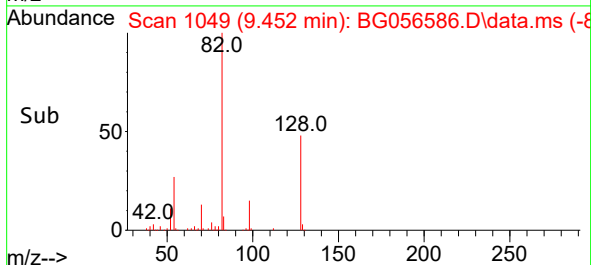
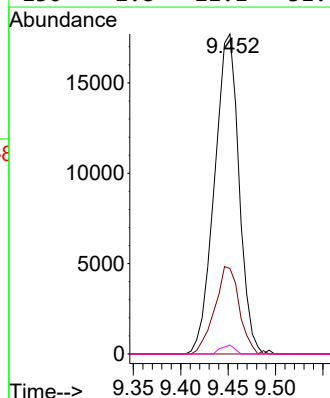
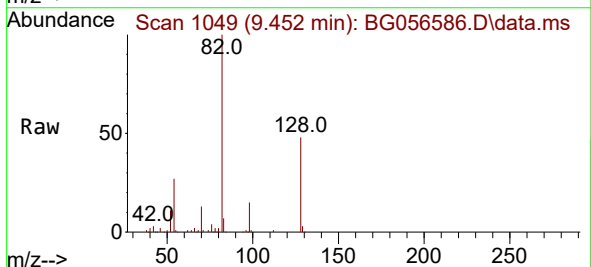
Instrument :
BNA_G
ClientSampleId :
JPP-26-020323

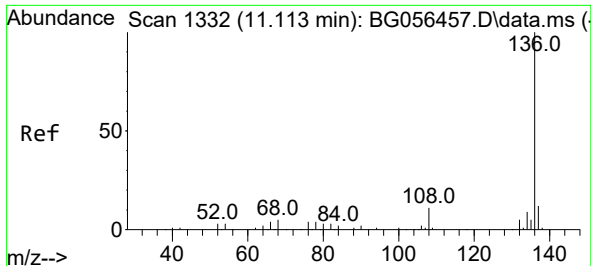
Tgt Ion: 99 Resp: 392020
Ion Ratio Lower Upper
99 100
42 7.6 6.6 10.0
71 30.1 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.612 ng
RT: 9.452 min Scan# 1049
Delta R.T. 0.378 min
Lab File: BG056586.D
Acq: 8 Feb 2023 17:55

Tgt Ion: 70 Resp: 31871
Ion Ratio Lower Upper
70 100
42 26.7 20.2 30.4
101 0.0 9.1 13.7#
130 2.8 21.1 31.7#

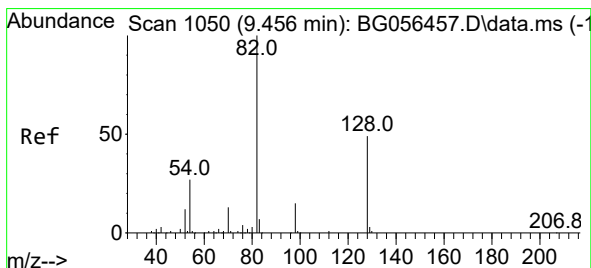
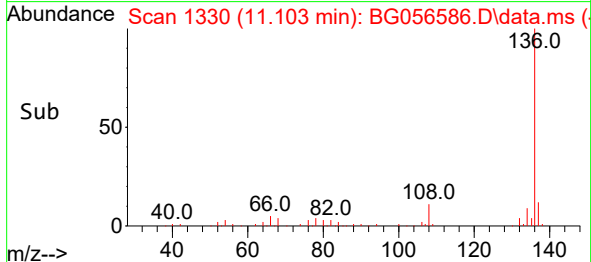
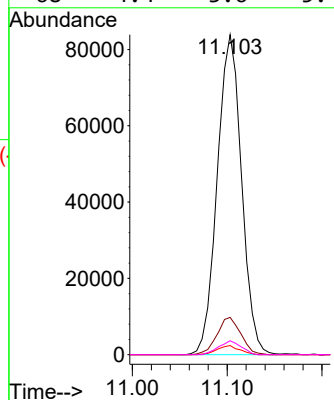
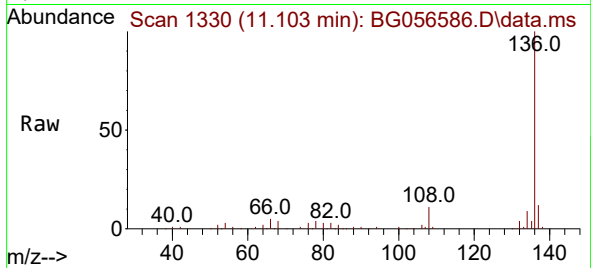




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 1111
Delta R.T. 0.002 min
Lab File: BG056586.D
Acq: 8 Feb 2023 17:55

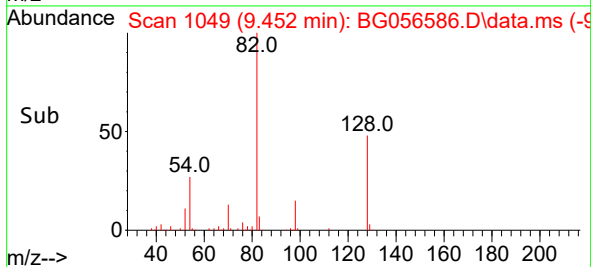
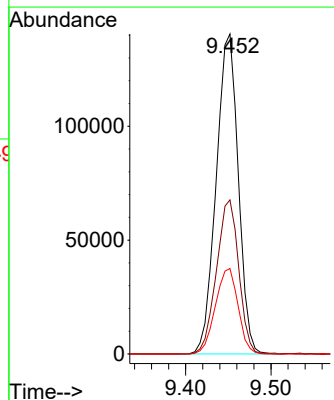
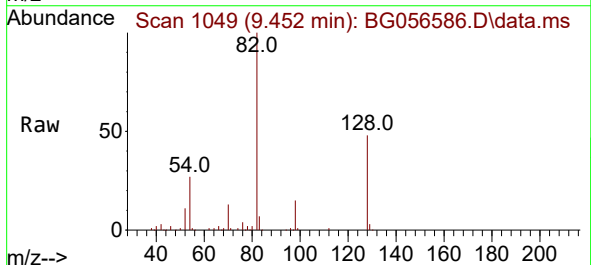
Instrument :
BNA_G
ClientSampleId :
JPP-26-020323

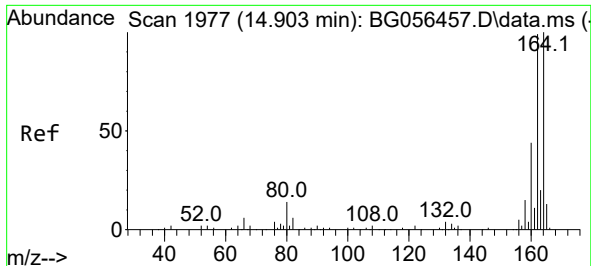
Tgt Ion:136 Resp: 149400
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.0
54 2.9 2.2 3.4
68 4.4 3.6 5.4



#23
Nitrobenzene-d5
Concen: 96.269 ng
RT: 9.452 min Scan# 1049
Delta R.T. 0.007 min
Lab File: BG056586.D
Acq: 8 Feb 2023 17:55

Tgt Ion: 82 Resp: 253282
Ion Ratio Lower Upper
82 100
128 48.2 39.4 59.2
54 26.7 21.4 32.2

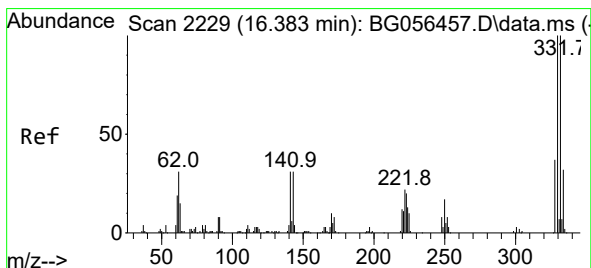
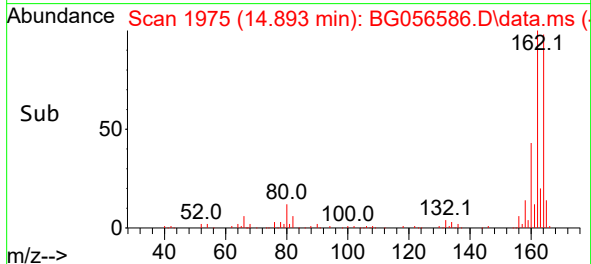
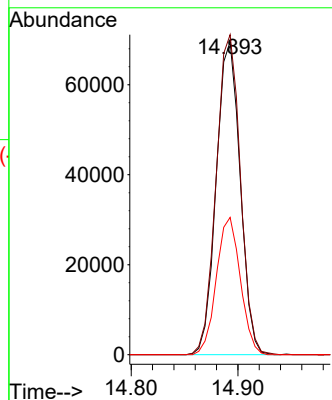
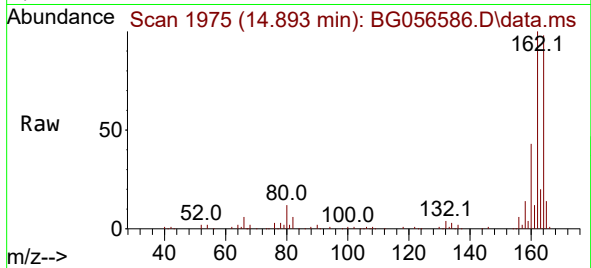




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.893 min Scan# 1975
Delta R.T. 0.002 min
Lab File: BG056586.D
Acq: 8 Feb 2023 17:55

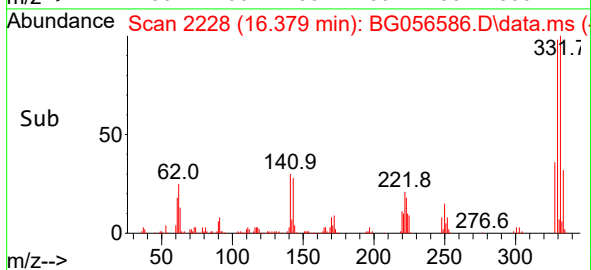
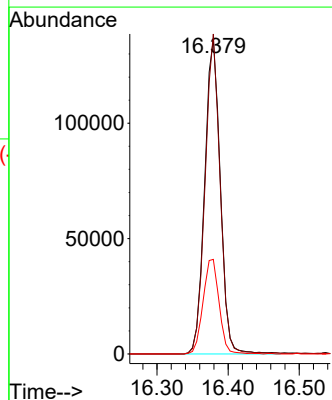
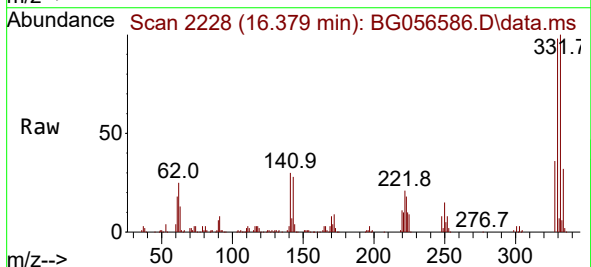
Instrument :
BNA_G
ClientSampleId :
JPP-26-020323

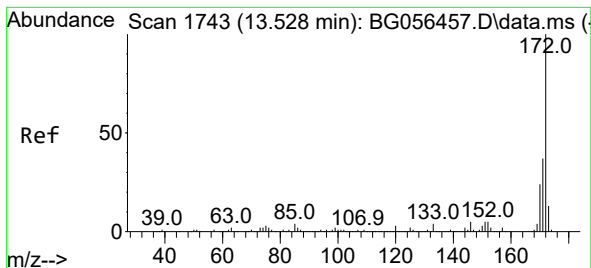
Tgt Ion:164 Resp: 107964
Ion Ratio Lower Upper
164 100
162 102.2 79.6 119.4
160 43.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 145.776 ng
RT: 16.379 min Scan# 2228
Delta R.T. 0.002 min
Lab File: BG056586.D
Acq: 8 Feb 2023 17:55

Tgt Ion:330 Resp: 209235
Ion Ratio Lower Upper
330 100
332 97.7 79.0 118.6
141 30.8 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 104.664 ng

RT: 13.518 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG056586.D

Acq: 8 Feb 2023 17:55

Instrument :

BNA_G

ClientSampleId :

JPP-26-020323

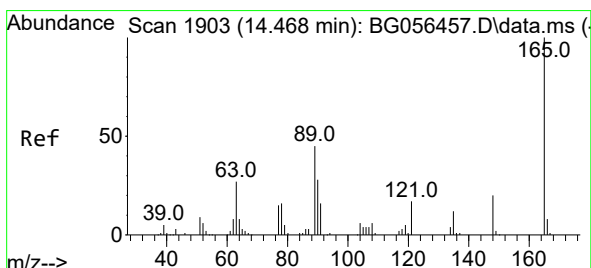
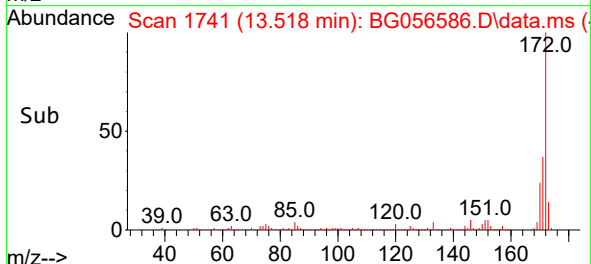
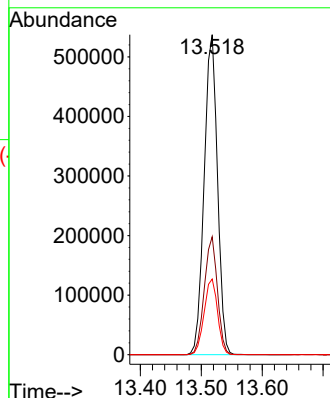
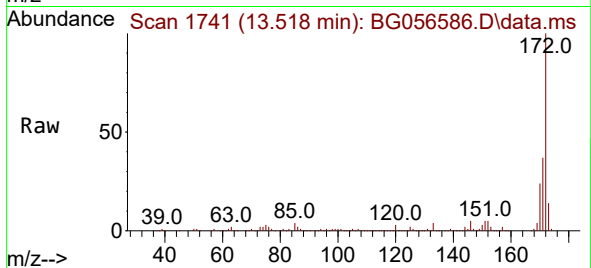
Tgt Ion:172 Resp: 815041

Ion Ratio Lower Upper

172 100

171 36.8 29.5 44.3

170 23.7 19.2 28.8



#51

2,6-Dinitrotoluene

Concen: 7.676 ng

RT: 14.893 min Scan# 1975

Delta R.T. 0.430 min

Lab File: BG056586.D

Acq: 8 Feb 2023 17:55

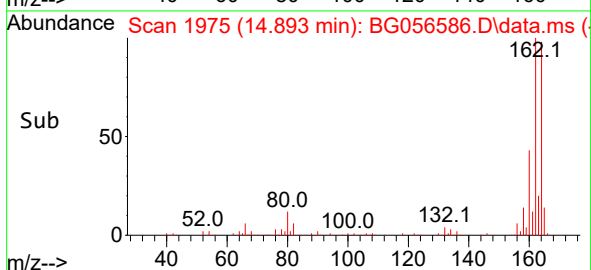
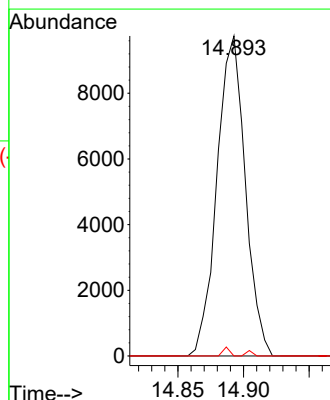
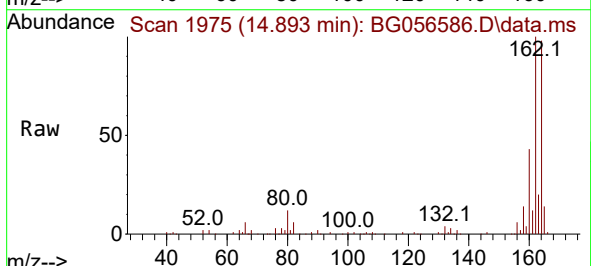
Tgt Ion:165 Resp: 14621

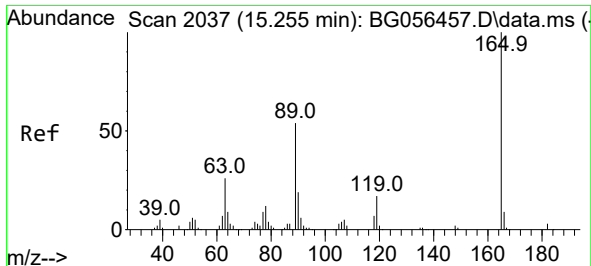
Ion Ratio Lower Upper

165 100

63 0.0 26.9 40.3#

89 0.0 35.6 53.4#





#57

2,4-Dinitrotoluene

Concen: 5.449 ng

RT: 14.893 min Scan# 14

Delta R.T. -0.357 min

Lab File: BG056586.D

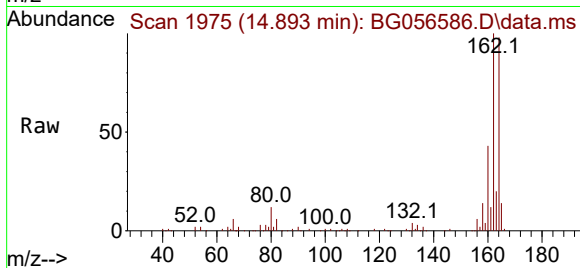
Acq: 8 Feb 2023 17:55

Instrument :

BNA_G

ClientSampleId :

JPP-26-020323



Tgt Ion:165 Resp: 14621

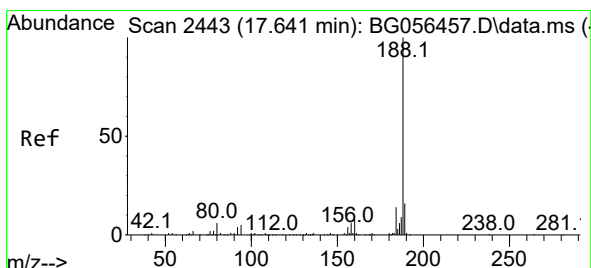
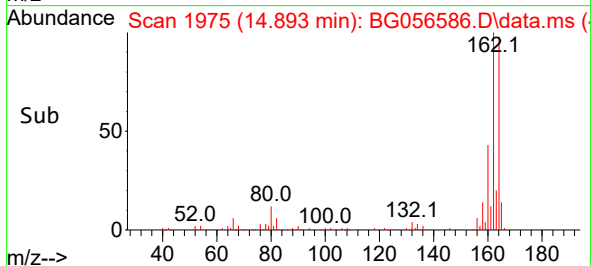
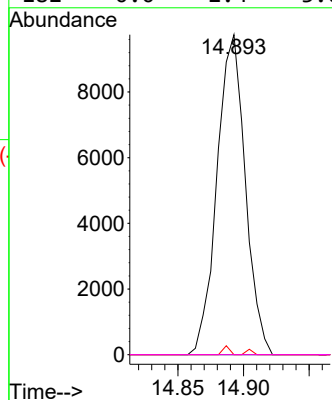
Ion Ratio Lower Upper

165 100

63 0.0 20.6 31.0#

89 0.0 43.1 64.7#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.631 min Scan# 2441

Delta R.T. 0.002 min

Lab File: BG056586.D

Acq: 8 Feb 2023 17:55

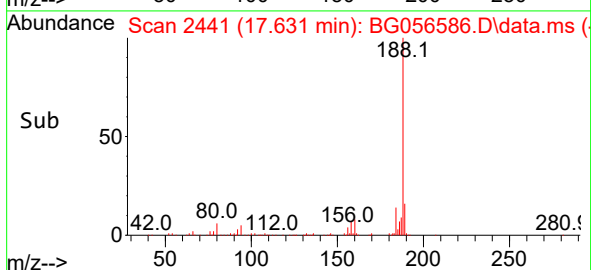
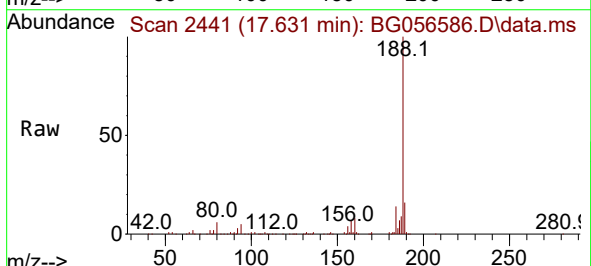
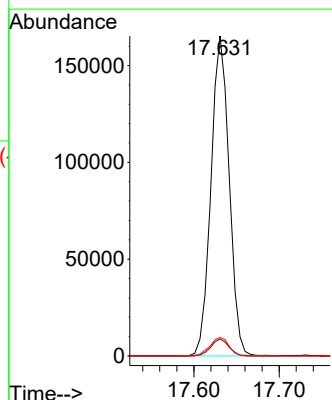
Tgt Ion:188 Resp: 244688

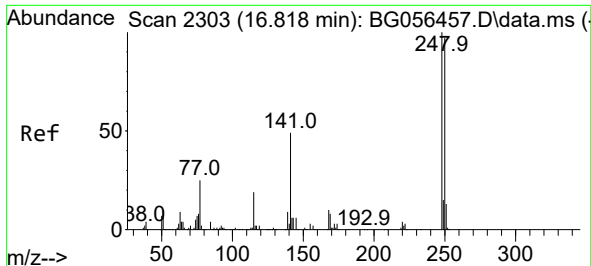
Ion Ratio Lower Upper

188 100

94 5.3 4.1 6.1

80 5.8 5.0 7.4





#67

4-Bromophenyl-phenylether

Concen: 5.247 ng

RT: 16.379 min Scan# 21

Delta R.T. -0.427 min

Lab File: BG056586.D

Acq: 8 Feb 2023 17:55

Instrument :

BNA_G

ClientSampleId :

JPP-26-020323

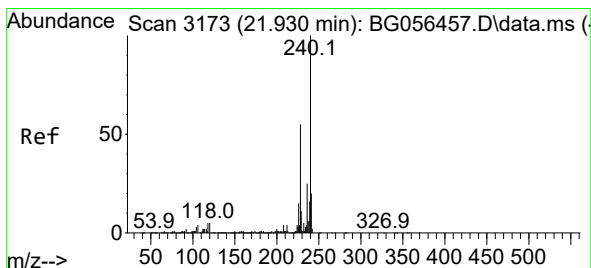
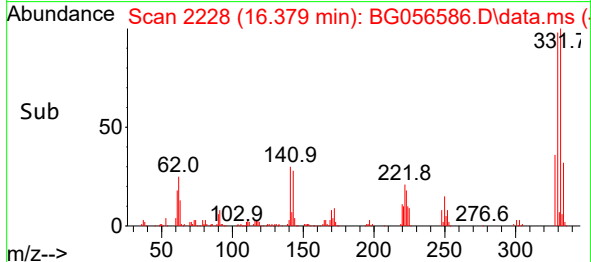
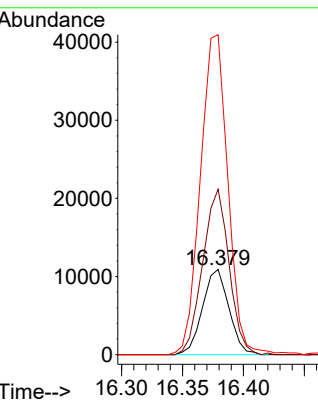
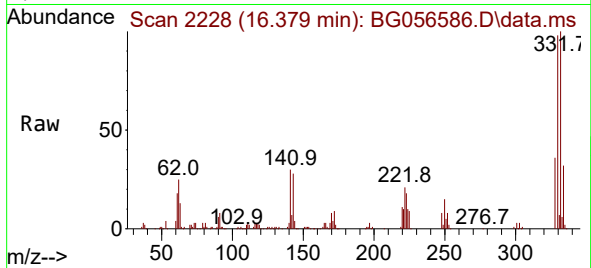
Tgt Ion:248 Resp: 16435

Ion Ratio Lower Upper

248 100

250 194.1 77.6 116.4#

141 375.3 39.0 58.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.920 min Scan# 3171

Delta R.T. -0.004 min

Lab File: BG056586.D

Acq: 8 Feb 2023 17:55

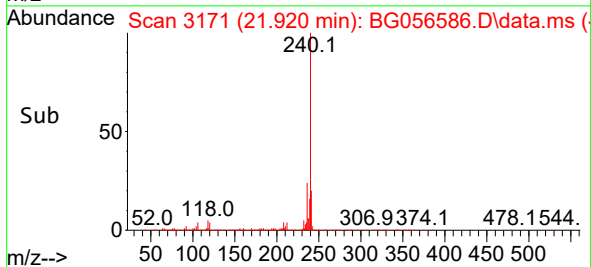
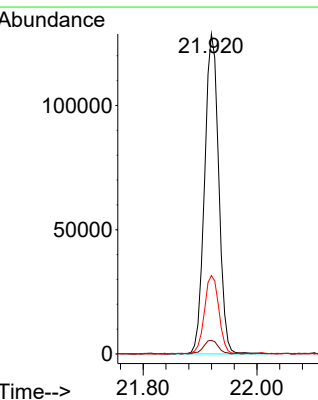
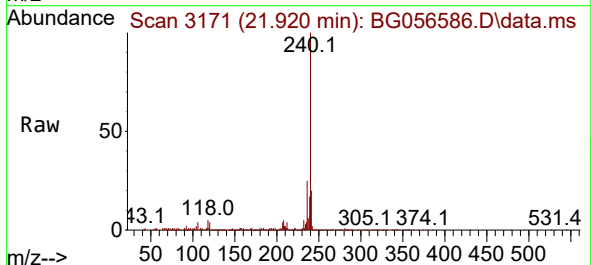
Tgt Ion:240 Resp: 222122

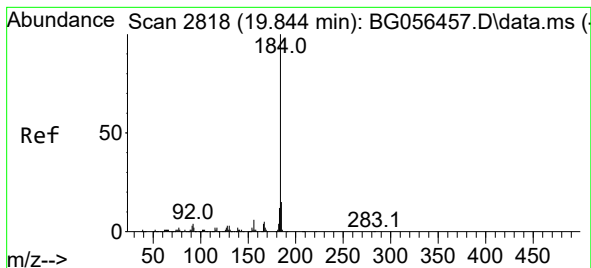
Ion Ratio Lower Upper

240 100

120 4.3 3.8 5.8

236 24.5 20.2 30.2





#77

Benzidine

Concen: 3.330 ng

RT: 20.210 min Scan# 2880

Delta R.T. 0.378 min

Lab File: BG056586.D

Acq: 8 Feb 2023 17:55

Instrument :

BNA_G

ClientSampleId :

JPP-26-020323

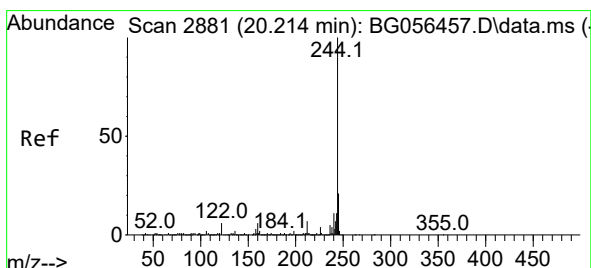
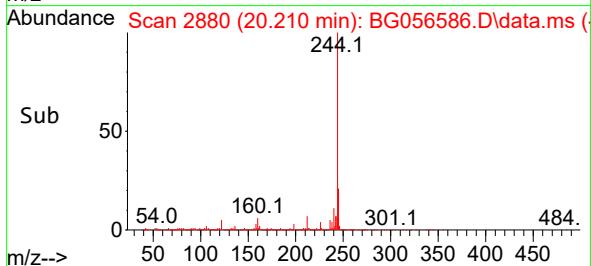
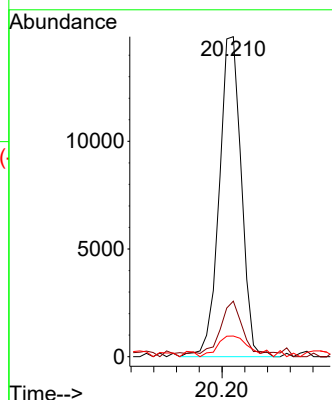
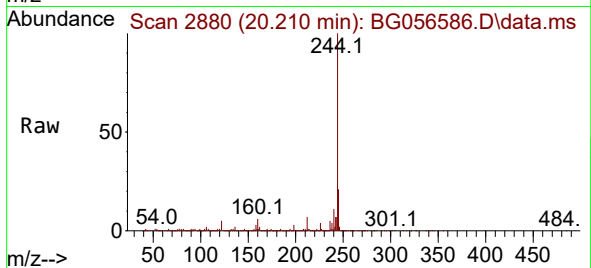
Tgt Ion:184 Resp: 20019

Ion Ratio Lower Upper

184 100

185 17.3 12.3 18.5

183 6.5 9.8 14.8#



#79

Terphenyl-d14

Concen: 107.558 ng

RT: 20.210 min Scan# 2880

Delta R.T. 0.002 min

Lab File: BG056586.D

Acq: 8 Feb 2023 17:55

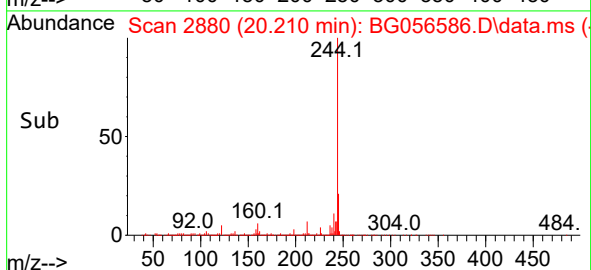
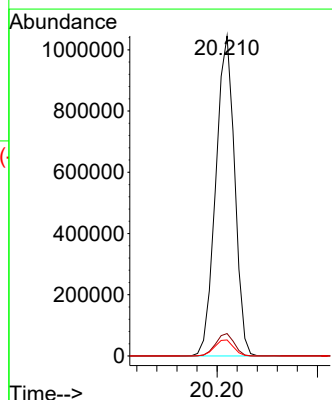
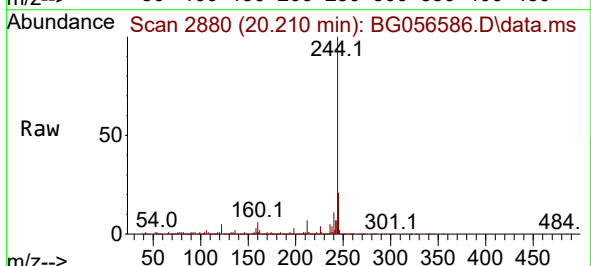
Tgt Ion:244 Resp: 1360258

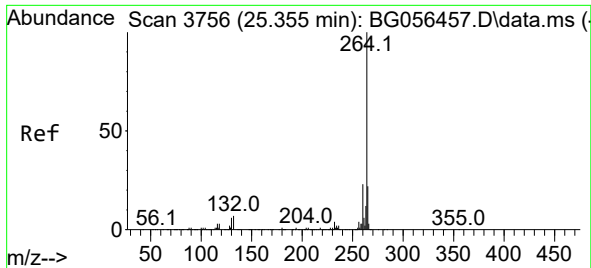
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

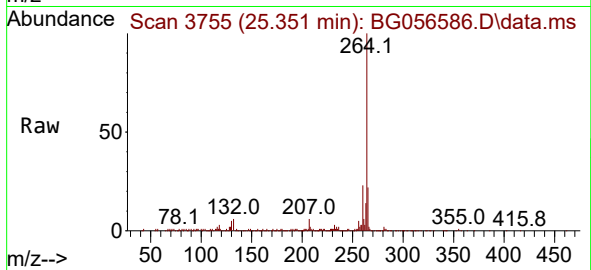
122 5.0 4.4 6.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.351 min Scan# 31
Delta R.T. 0.013 min
Lab File: BG056586.D
Acq: 8 Feb 2023 17:55

Instrument :
BNA_G
ClientSampleId :
JPP-26-020323



Tgt Ion:264 Resp: 241050
Ion Ratio Lower Upper
264 100
260 23.4 18.2 27.4
265 21.7 18.1 27.1

