

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056588.D
 Acq On : 8 Feb 2023 19:18
 Operator : CG/JU
 Sample : 01445-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JPP-34-020323

Quant Time: Feb 09 02:08:40 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)

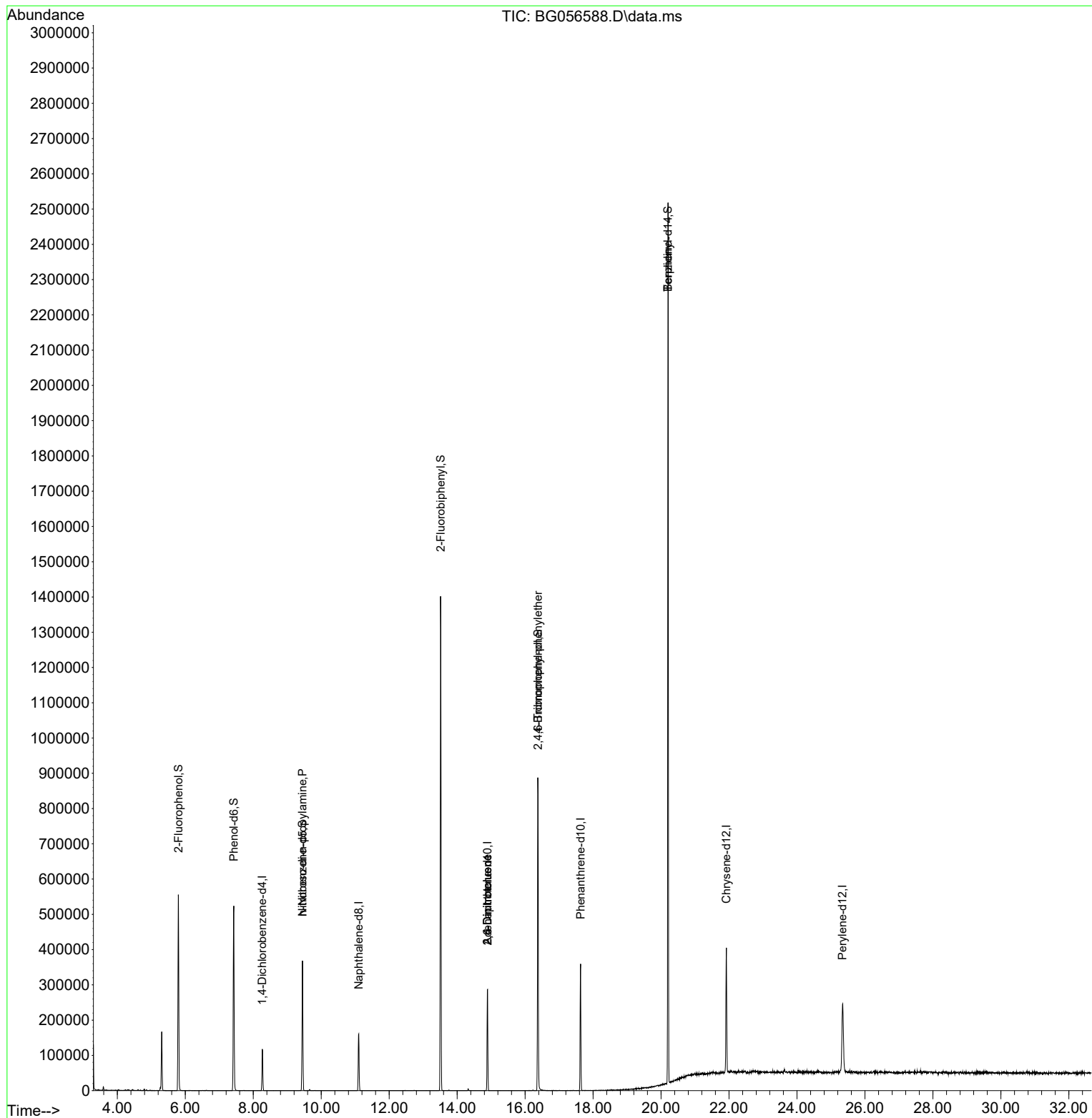
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.266	152	40401	20.000	ng	0.00
21) Naphthalene-d8	11.104	136	154908	20.000	ng	# 0.00
39) Acenaphthene-d10	14.894	164	114204	20.000	ng	0.00
64) Phenanthrene-d10	17.632	188	258912	20.000	ng	0.00
76) Chrysene-d12	21.921	240	234583	20.000	ng	0.00
86) Perylene-d12	25.341	264	253966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	328337	149.502	ng	0.00
7) Phenol-d6	7.426	99	424348	130.406	ng	0.00
23) Nitrobenzene-d5	9.447	82	257401	94.356	ng	0.00
42) 2,4,6-Tribromophenol	16.380	330	203788	134.223	ng	0.00
45) 2-Fluorobiphenyl	13.513	172	815888	99.048	ng	0.00
79) Terphenyl-d14	20.205	244	1351843	101.215	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.414	77	632	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.447	70	31642	16.873	ng	# 73
51) 2,6-Dinitrotoluene	14.894	165	14802	7.346	ng	# 36
57) 2,4-Dinitrotoluene	14.894	165	14802	5.215	ng	# 35
67) 4-Bromophenyl-phenylether	16.375	248	16540	4.990	ng	# 1
77) Benzidine	20.205	184	18748	2.953	ng	# 95

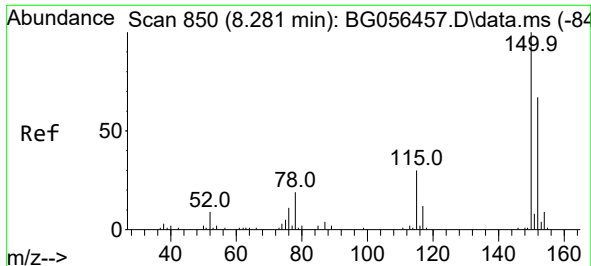
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 08 03:02:11 2023
Response via : Initial Calibration

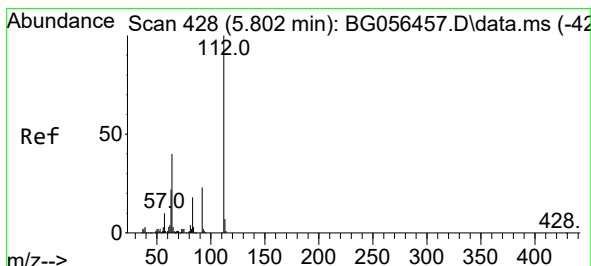
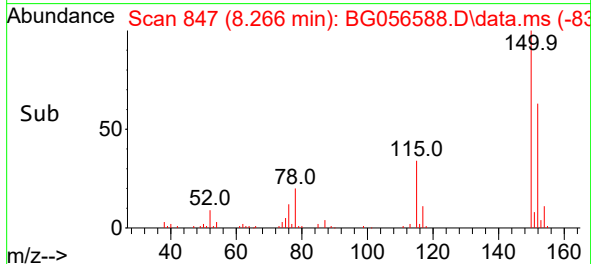
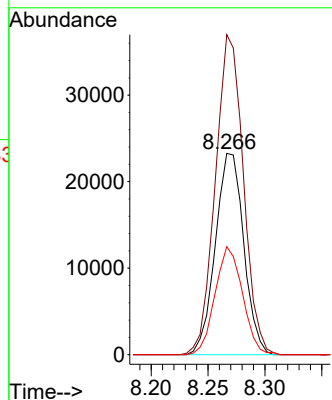
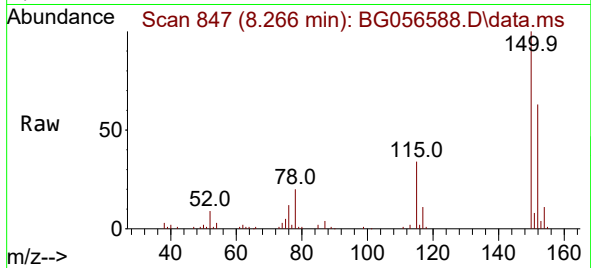




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.266 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: BG056588.D
 Acq: 8 Feb 2023 19:18

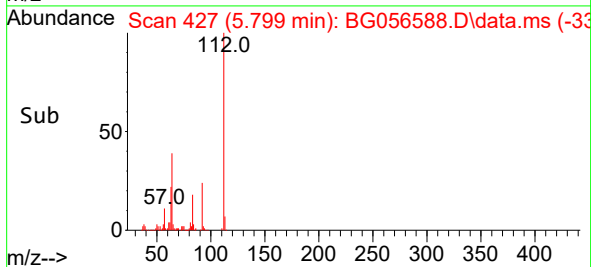
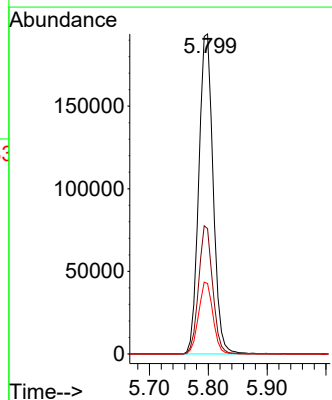
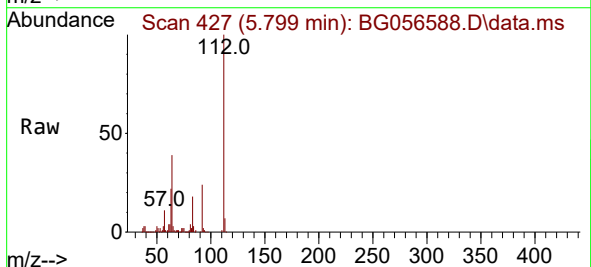
Instrument :
 BNA_G
 ClientSampleId :
 JPP-34-020323

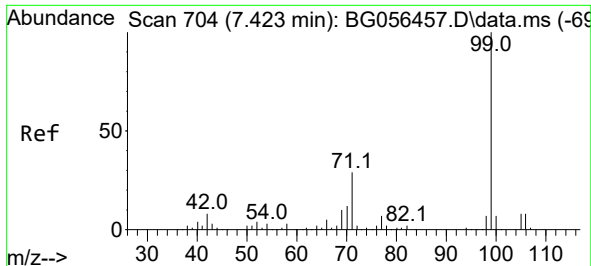
Tgt Ion:152 Resp: 40401
 Ion Ratio Lower Upper
 152 100
 150 159.0 120.2 180.4
 115 53.7 36.3 54.5



#5
 2-Fluorophenol
 Concen: 149.502 ng
 RT: 5.799 min Scan# 427
 Delta R.T. 0.009 min
 Lab File: BG056588.D
 Acq: 8 Feb 2023 19:18

Tgt Ion:112 Resp: 328337
 Ion Ratio Lower Upper
 112 100
 64 39.1 31.9 47.9
 63 22.0 17.4 26.0

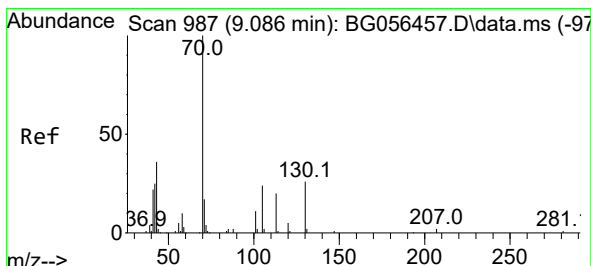
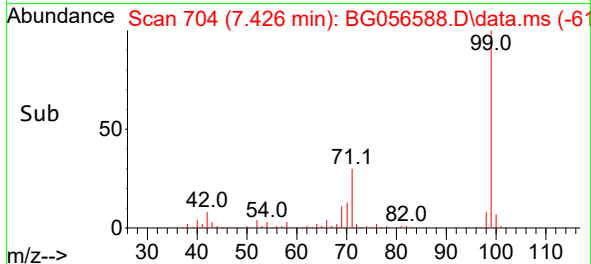
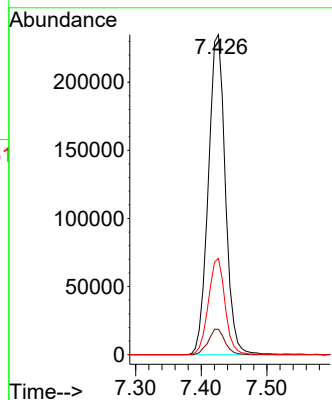
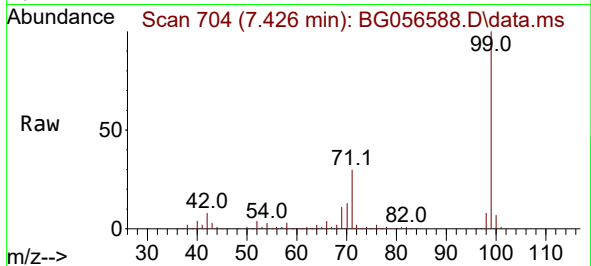




#7
Phenol-d6
Concen: 130.406 ng
RT: 7.426 min Scan# 704
Delta R.T. 0.009 min
Lab File: BG056588.D
Acq: 8 Feb 2023 19:18

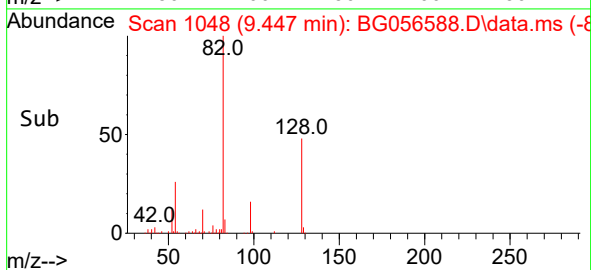
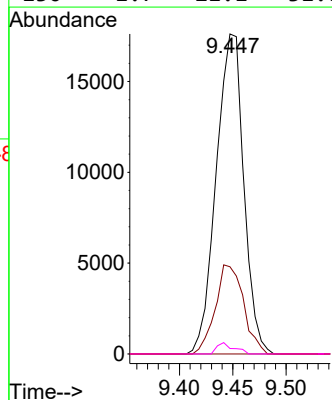
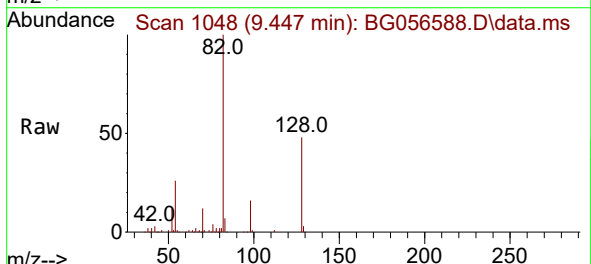
Instrument :
BNA_G
ClientSampleId :
JPP-34-020323

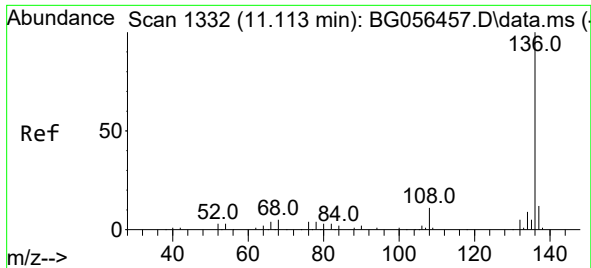
Tgt Ion: 99 Resp: 424348
Ion Ratio Lower Upper
99 100
42 8.0 6.6 10.0
71 30.1 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.873 ng
RT: 9.447 min Scan# 1048
Delta R.T. 0.373 min
Lab File: BG056588.D
Acq: 8 Feb 2023 19:18

Tgt Ion: 70 Resp: 31642
Ion Ratio Lower Upper
70 100
42 27.2 20.2 30.4
101 0.0 9.1 13.7#
130 1.7 21.1 31.7#

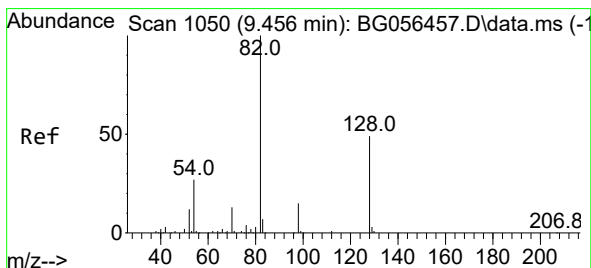
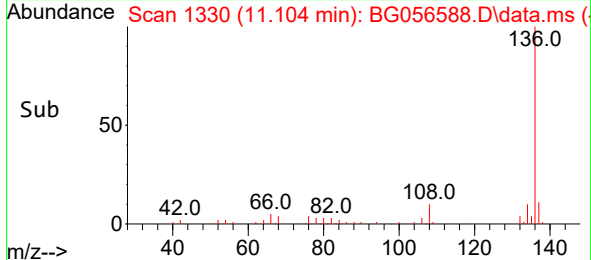
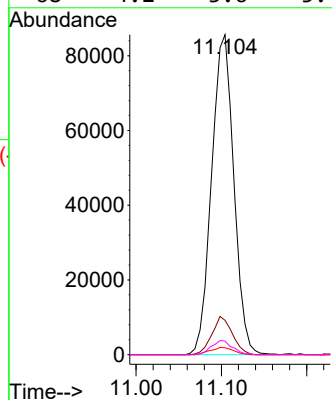
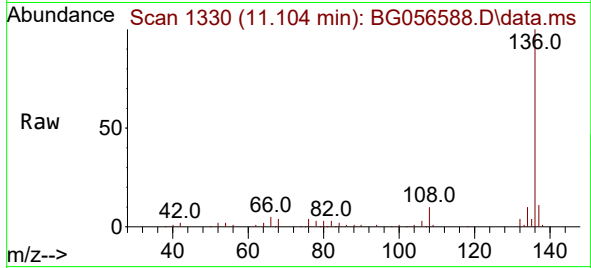




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.104 min Scan# 11104
Delta R.T. 0.003 min
Lab File: BG056588.D
Acq: 8 Feb 2023 19:18

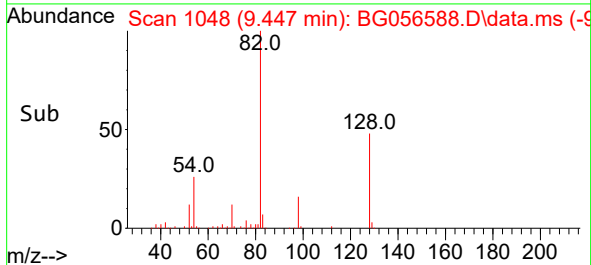
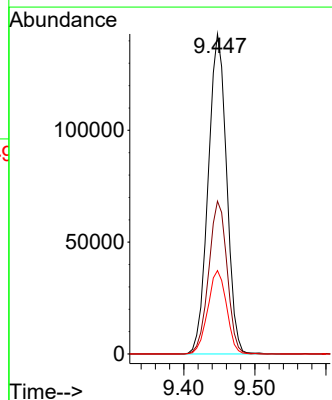
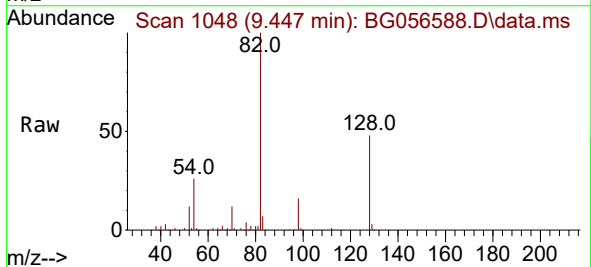
Instrument :
BNA_G
ClientSampleId :
JPP-34-020323

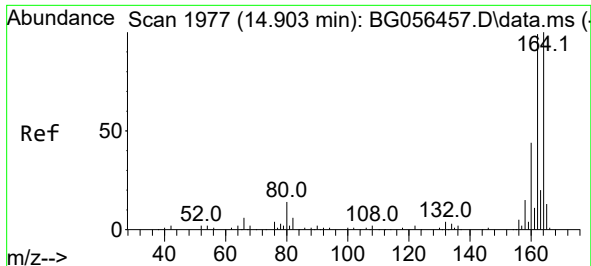
Tgt Ion:136 Resp: 154908
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 2.2 2.2 3.4#
68 4.2 3.6 5.4



#23
Nitrobenzene-d5
Concen: 94.356 ng
RT: 9.447 min Scan# 1048
Delta R.T. 0.003 min
Lab File: BG056588.D
Acq: 8 Feb 2023 19:18

Tgt Ion: 82 Resp: 257401
Ion Ratio Lower Upper
82 100
128 47.8 39.4 59.2
54 26.1 21.4 32.2

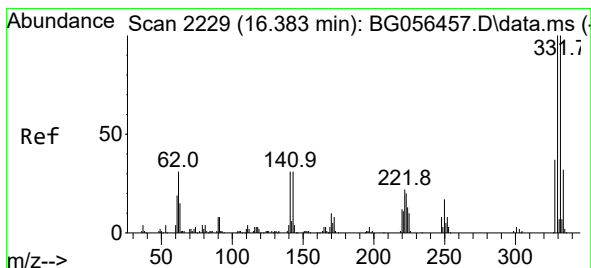
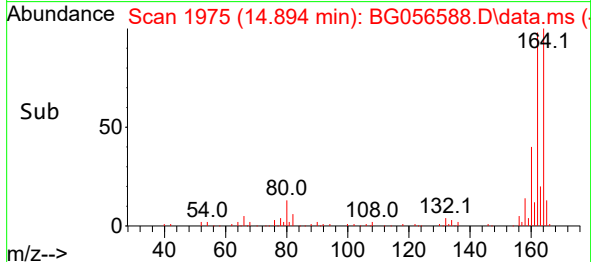
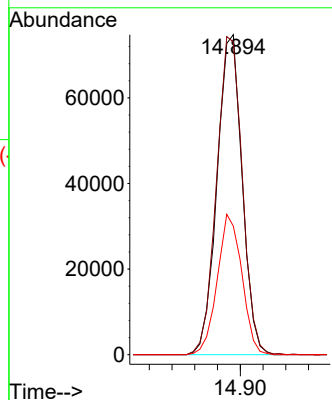
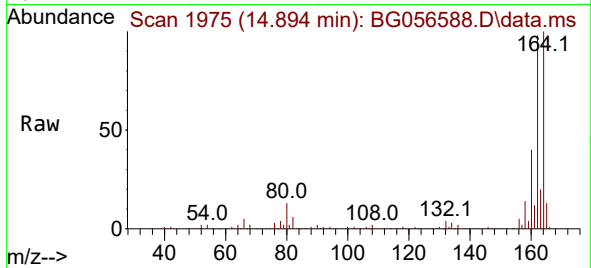




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.894 min Scan# 1975
Delta R.T. 0.003 min
Lab File: BG056588.D
Acq: 8 Feb 2023 19:18

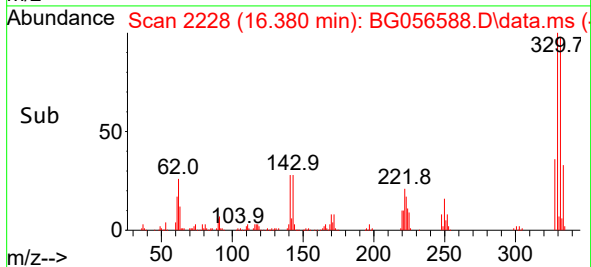
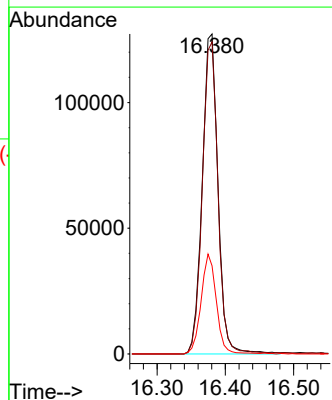
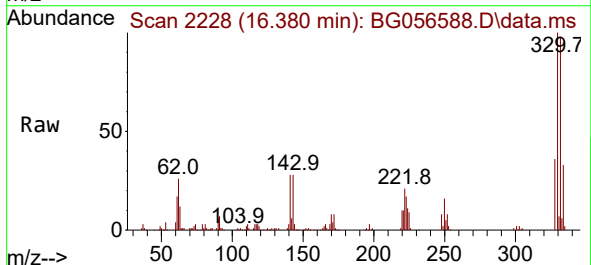
Instrument :
BNA_G
ClientSampleId :
JPP-34-020323

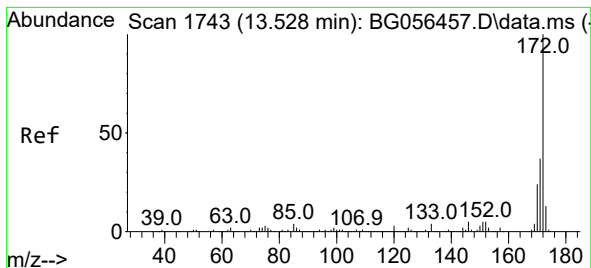
Tgt Ion:164 Resp: 114204
Ion Ratio Lower Upper
164 100
162 97.8 79.6 119.4
160 40.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 134.223 ng
RT: 16.380 min Scan# 2228
Delta R.T. 0.003 min
Lab File: BG056588.D
Acq: 8 Feb 2023 19:18

Tgt Ion:330 Resp: 203788
Ion Ratio Lower Upper
330 100
332 96.9 79.0 118.6
141 30.1 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 99.048 ng

RT: 13.513 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG056588.D

Acq: 8 Feb 2023 19:18

Instrument :

BNA_G

ClientSampleId :

JPP-34-020323

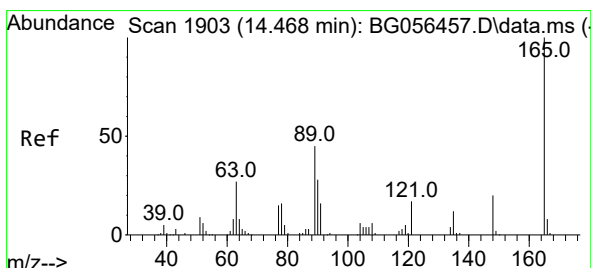
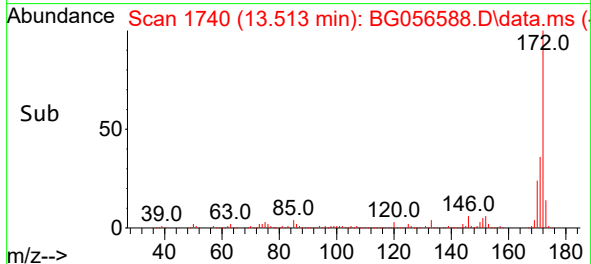
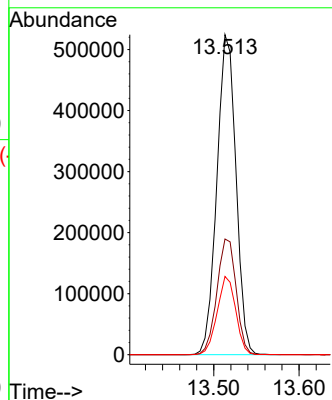
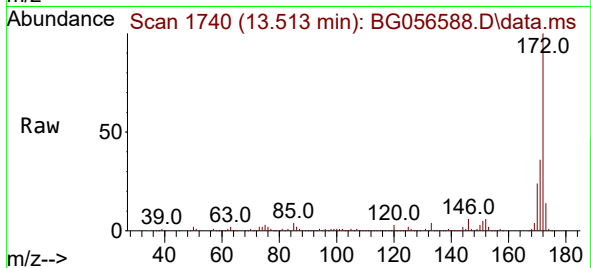
Tgt Ion:172 Resp: 815888

Ion Ratio Lower Upper

172 100

171 36.2 29.5 44.3

170 24.4 19.2 28.8



#51

2,6-Dinitrotoluene

Concen: 7.346 ng

RT: 14.894 min Scan# 1975

Delta R.T. 0.432 min

Lab File: BG056588.D

Acq: 8 Feb 2023 19:18

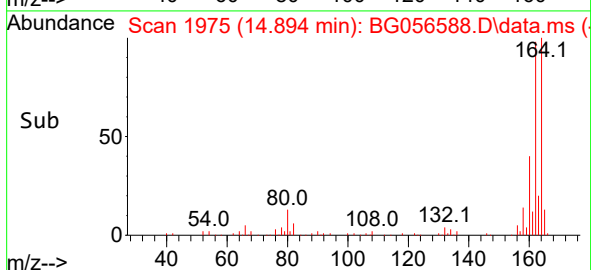
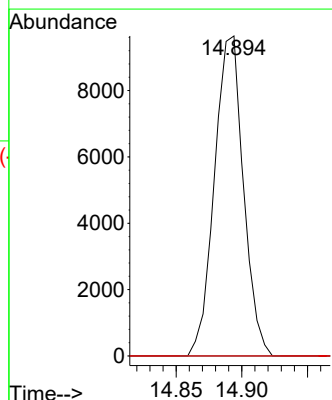
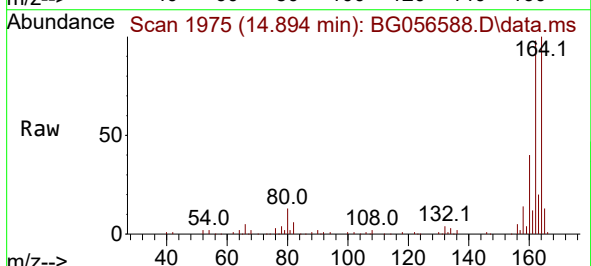
Tgt Ion:165 Resp: 14802

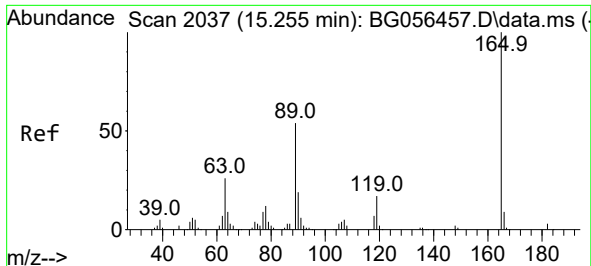
Ion Ratio Lower Upper

165 100

63 0.0 26.9 40.3#

89 0.0 35.6 53.4#





#57

2,4-Dinitrotoluene

Concen: 5.215 ng

RT: 14.894 min Scan# 14

Delta R.T. -0.356 min

Lab File: BG056588.D

Acq: 8 Feb 2023 19:18

Instrument :

BNA_G

ClientSampleId :

JPP-34-020323

Tgt Ion:165 Resp: 14802

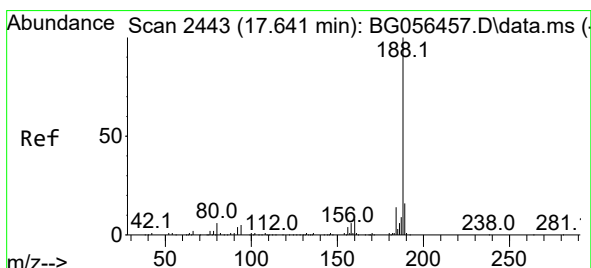
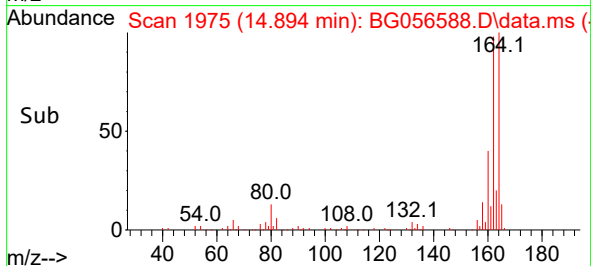
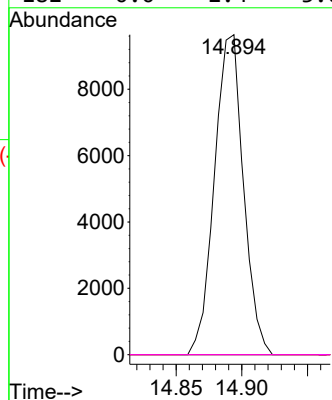
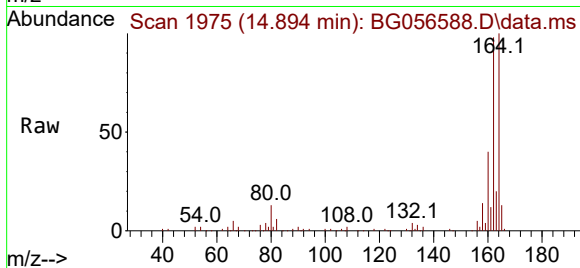
Ion Ratio Lower Upper

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: 17.632 min Scan# 2441

Delta R.T. 0.003 min

Lab File: BG056588.D

Acq: 8 Feb 2023 19:18

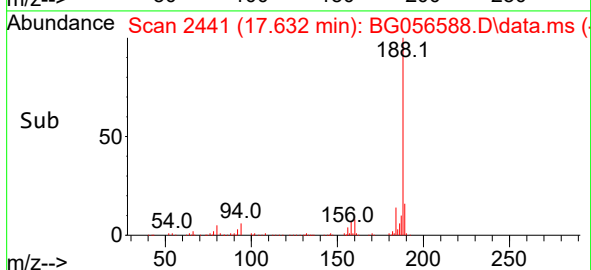
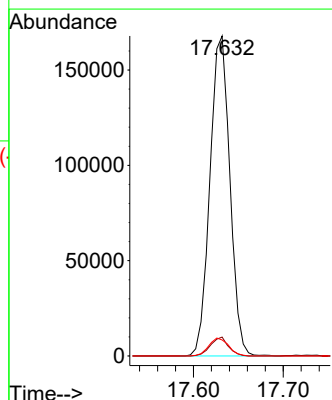
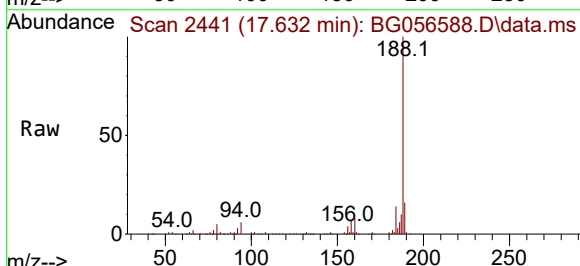
Tgt Ion:188 Resp: 258912

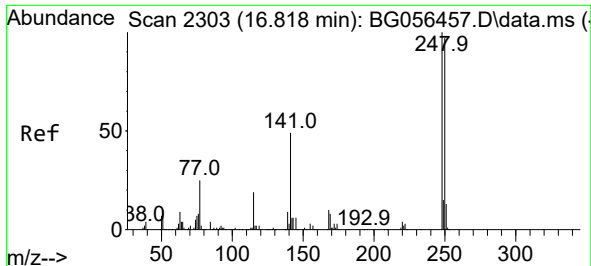
Ion Ratio Lower Upper

188 100

94 5.9 4.1 6.1

80 5.0 5.0 7.4

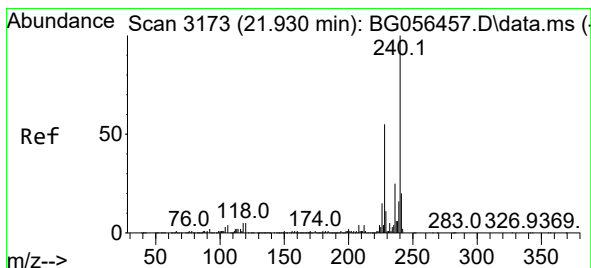
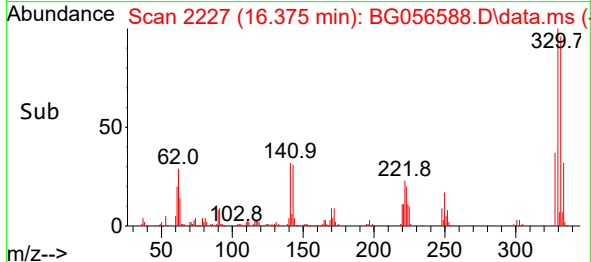
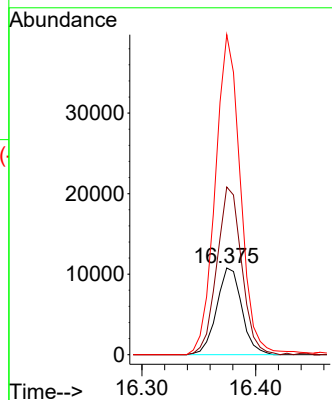
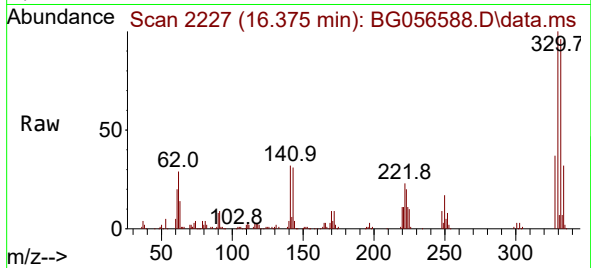




#67
4-Bromophenyl-phenylether
Concen: 4.990 ng
RT: 16.375 min Scan# 21
Delta R.T. -0.432 min
Lab File: BG056588.D
Acq: 8 Feb 2023 19:18

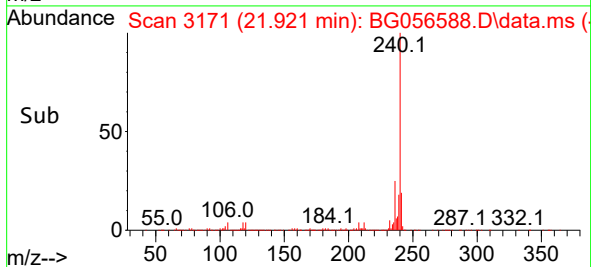
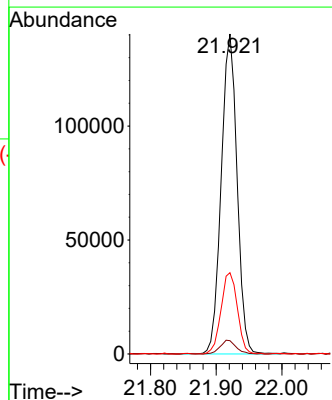
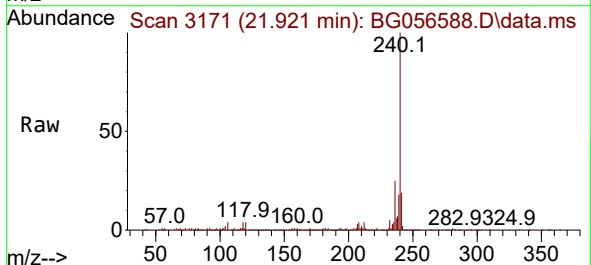
Instrument :
BNA_G
ClientSampleId :
JPP-34-020323

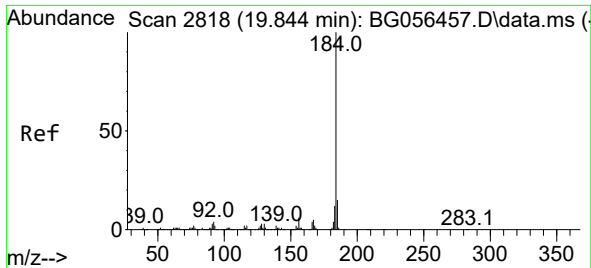
Tgt Ion:248 Resp: 16540
Ion Ratio Lower Upper
248 100
250 193.3 77.6 116.4#
141 368.8 39.0 58.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.921 min Scan# 3171
Delta R.T. -0.003 min
Lab File: BG056588.D
Acq: 8 Feb 2023 19:18

Tgt Ion:240 Resp: 234583
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.8
236 25.4 20.2 30.2

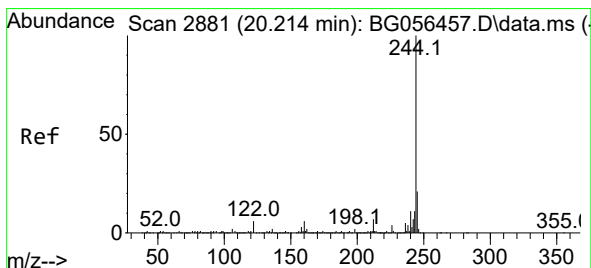
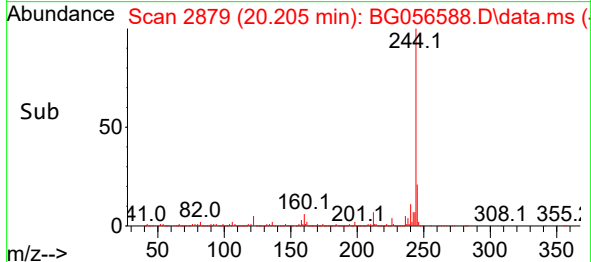
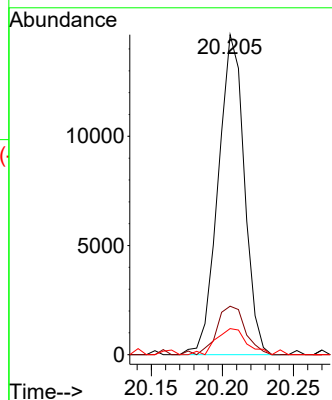
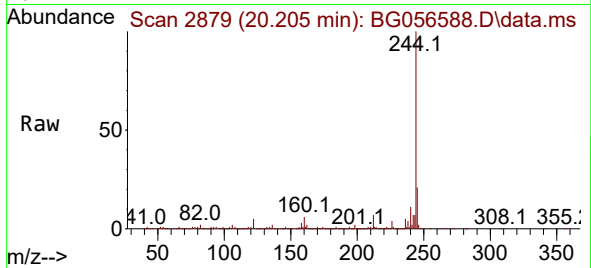




#77
Benzidine
Concen: 2.953 ng
RT: 20.205 min Scan# 2879
Delta R.T. 0.373 min
Lab File: BG056588.D
Acq: 8 Feb 2023 19:18

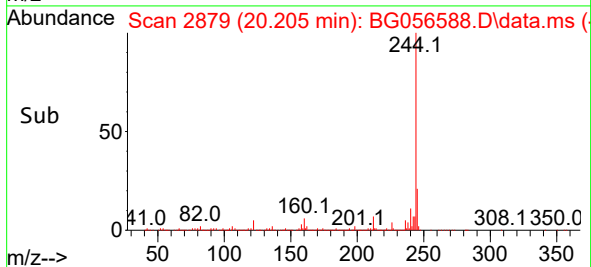
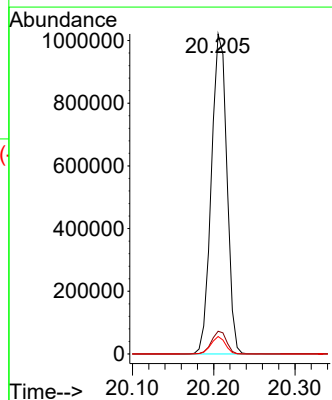
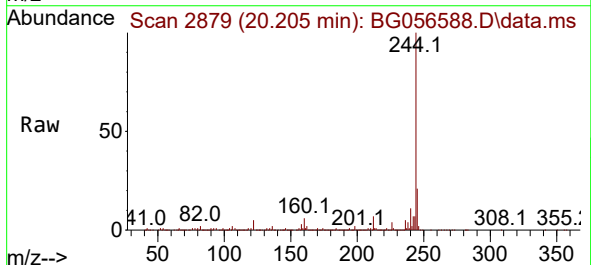
Instrument :
BNA_G
ClientSampleId :
JPP-34-020323

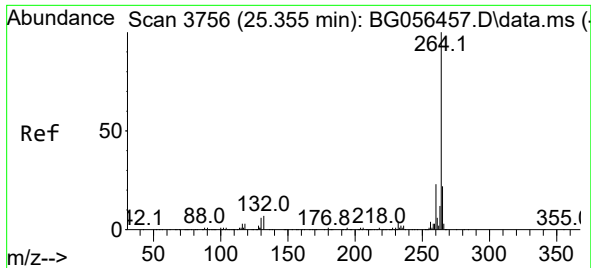
Tgt Ion:184 Resp: 18748
Ion Ratio Lower Upper
184 100
185 15.1 12.3 18.5
183 8.2 9.8 14.8#



#79
Terphenyl-d14
Concen: 101.215 ng
RT: 20.205 min Scan# 2879
Delta R.T. -0.003 min
Lab File: BG056588.D
Acq: 8 Feb 2023 19:18

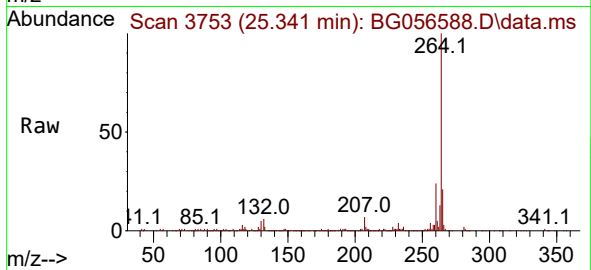
Tgt Ion:244 Resp: 1351843
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 5.5 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.341 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BG056588.D
 Acq: 8 Feb 2023 19:18

Instrument :
 BNA_G
 ClientSampleId :
 JPP-34-020323



Tgt Ion:264 Resp: 253966
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.4
 265 20.6 18.1 27.1

