

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
 Data File : BG056554.D
 Acq On : 6 Feb 2023 14:12
 Operator : CG/JU
 Sample : PB150681BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150681BL

Quant Time: Feb 07 04:32:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:30:04 2023
 Response via : Initial Calibration

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

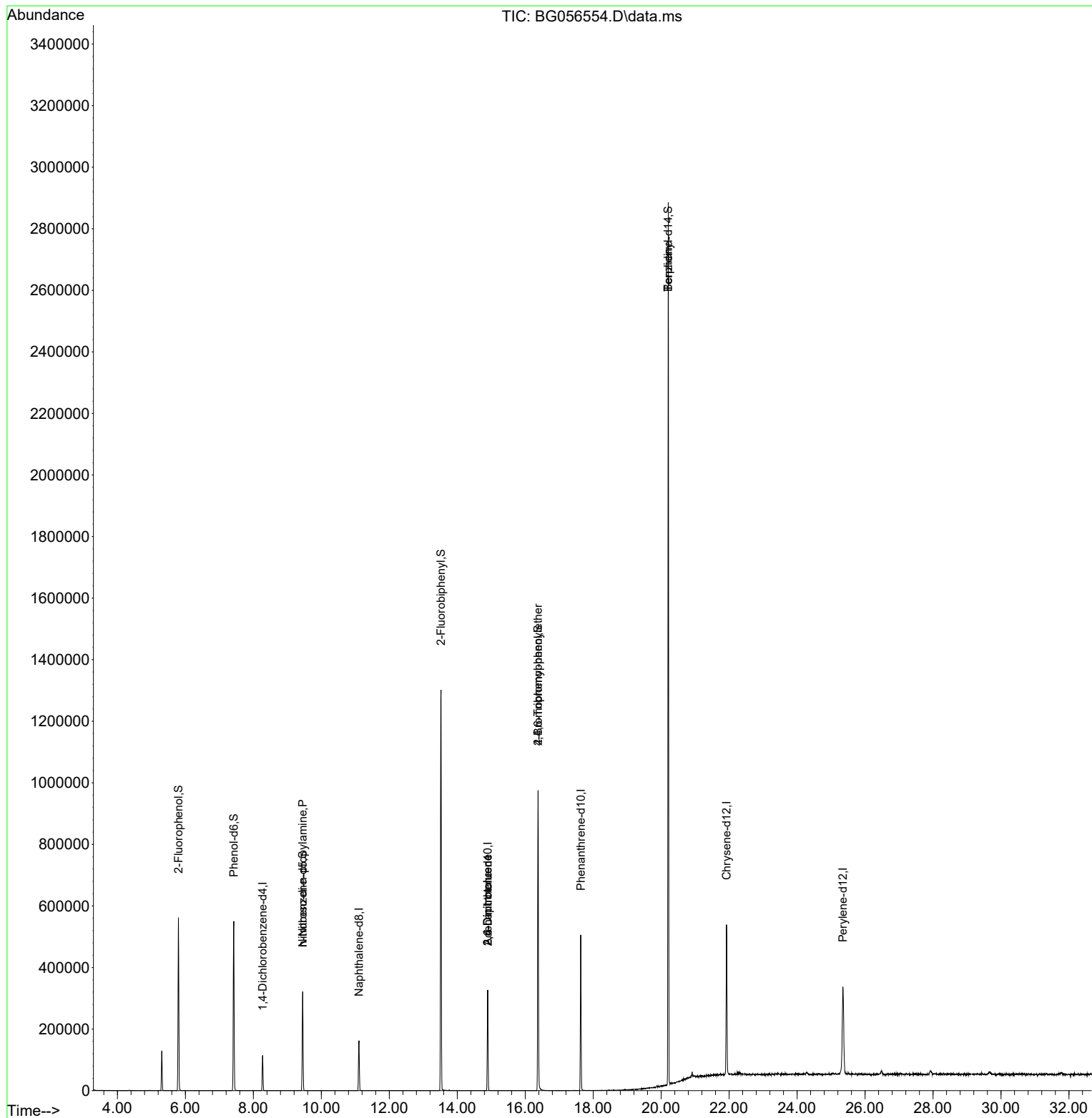
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	39210	20.000	ng	0.00
21) Naphthalene-d8	11.108	136	155825	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	129935	20.000	ng	0.00
64) Phenanthrene-d10	17.636	188	348009	20.000	ng	0.00
76) Chrysene-d12	21.925	240	322647	20.000	ng	0.00
86) Perylene-d12	25.350	264	350291	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	320207	150.228	ng	0.00
7) Phenol-d6	7.424	99	442620	140.153	ng	0.00
23) Nitrobenzene-d5	9.451	82	225624	82.221	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	218294	126.371	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	768732	82.025	ng	0.00
79) Terphenyl-d14	20.209	244	1564123	85.145	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.430	77	725	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.451	70	27743	15.244	ng	# 76
51) 2,6-Dinitrotoluene	14.898	165	17497	7.632	ng	# 36
57) 2,4-Dinitrotoluene	14.898	165	17497	5.419	ng	# 35
67) 4-Bromophenyl-phenylether	16.378	248	17124	3.844	ng	# 1
77) Benzidine	20.209	184	21388	2.450	ng	# 93

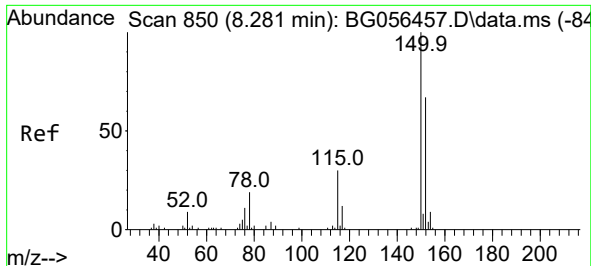
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056554.D
Acq On : 6 Feb 2023 14:12
Operator : CG/JU
Sample : PB150681BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB150681BL

Quant Time: Feb 07 04:32:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 04:30:04 2023
Response via : Initial Calibration

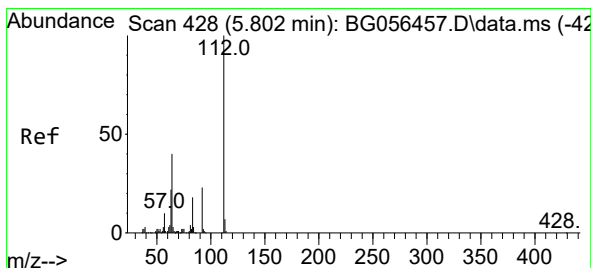
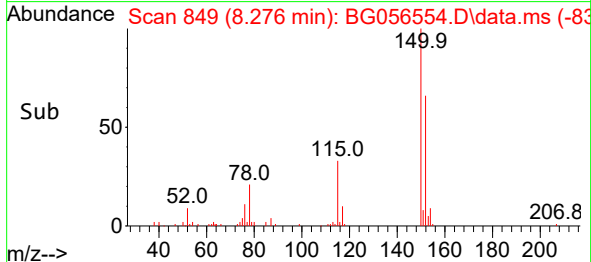
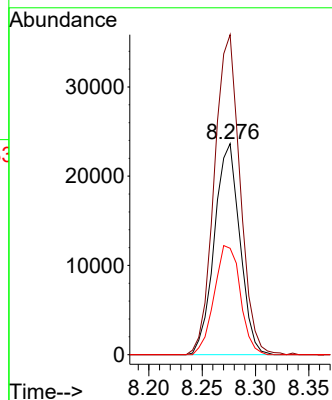
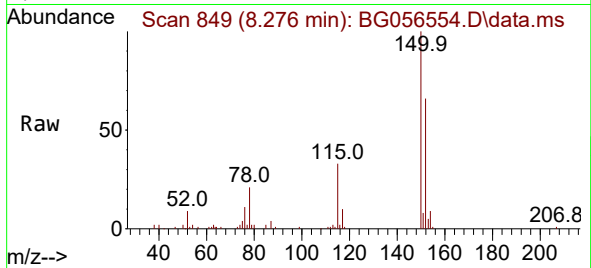




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG056554.D
Acq: 6 Feb 2023 14:12

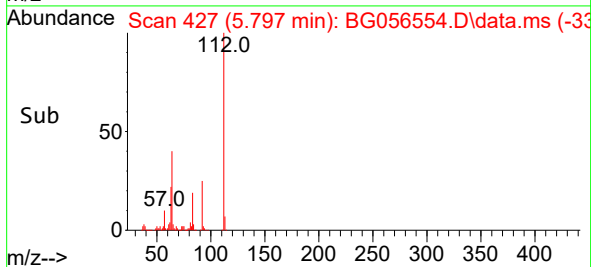
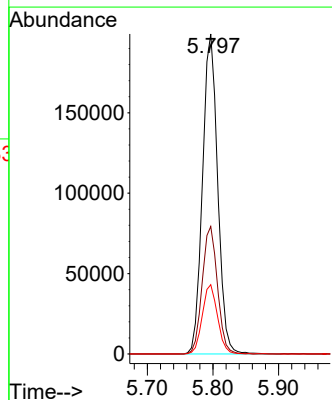
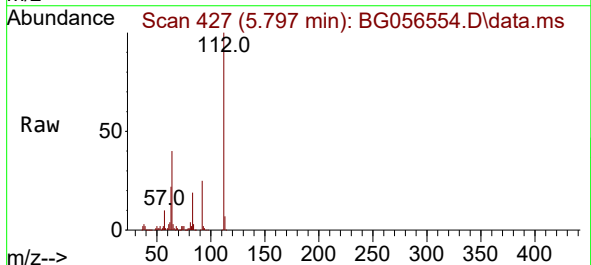
Instrument :
BNA_G
ClientSampleId :
PB150681BL

Tgt Ion:152 Resp: 39210
Ion Ratio Lower Upper
152 100
150 151.7 120.2 180.4
115 50.4 36.3 54.5



#5
2-Fluorophenol
Concen: 150.228 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.007 min
Lab File: BG056554.D
Acq: 6 Feb 2023 14:12

Tgt Ion:112 Resp: 320207
Ion Ratio Lower Upper
112 100
64 39.8 31.9 47.9
63 21.7 17.4 26.0

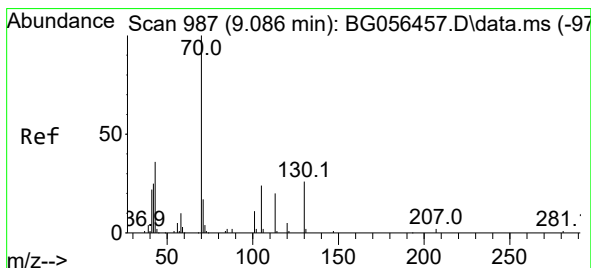
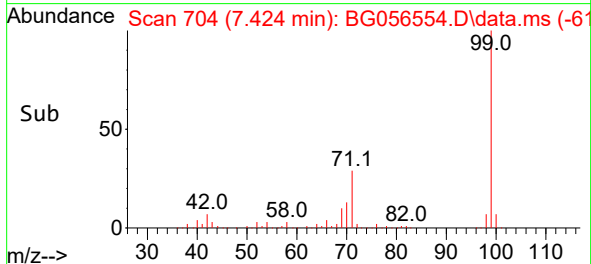
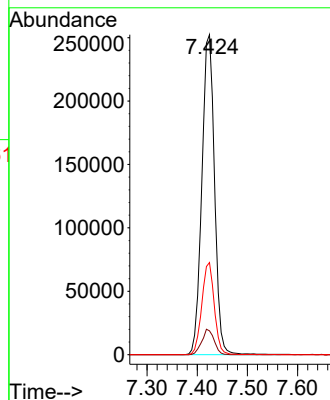
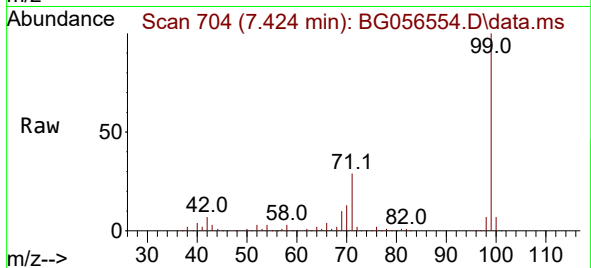




#7
Phenol-d6
Concen: 140.153 ng
RT: 7.424 min Scan# 704
Delta R.T. 0.007 min
Lab File: BG056554.D
Acq: 6 Feb 2023 14:12

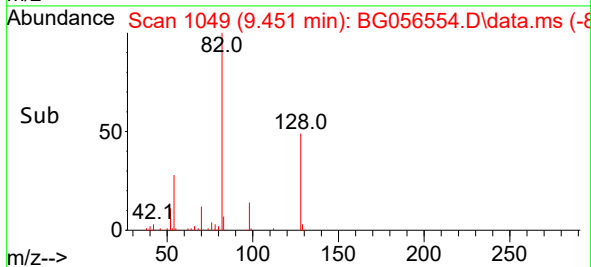
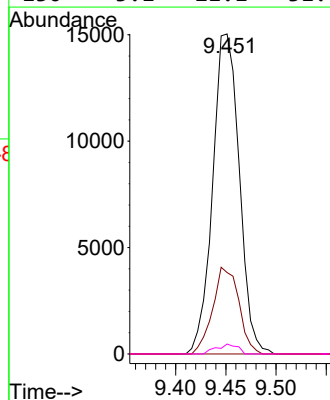
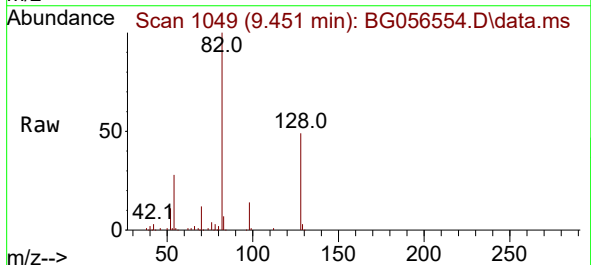
Instrument :
BNA_G
ClientSampleId :
PB150681BL

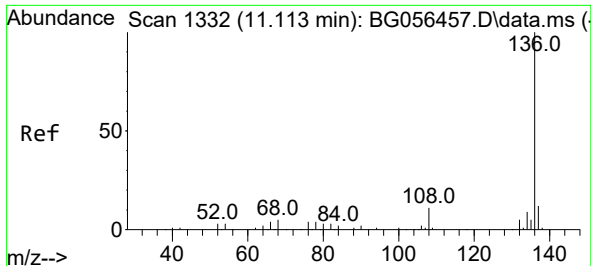
Tgt Ion: 99 Resp: 442620
Ion Ratio Lower Upper
99 100
42 7.5 6.6 10.0
71 28.8 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.244 ng
RT: 9.451 min Scan# 1049
Delta R.T. 0.377 min
Lab File: BG056554.D
Acq: 6 Feb 2023 14:12

Tgt Ion: 70 Resp: 27743
Ion Ratio Lower Upper
70 100
42 25.4 20.2 30.4
101 0.0 9.1 13.7#
130 3.1 21.1 31.7#

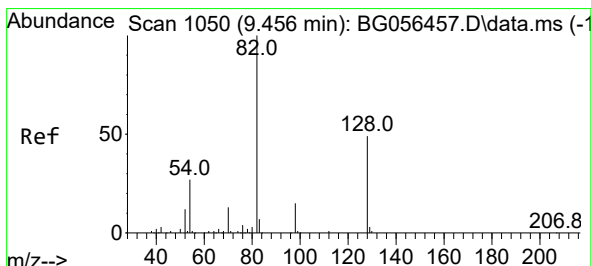
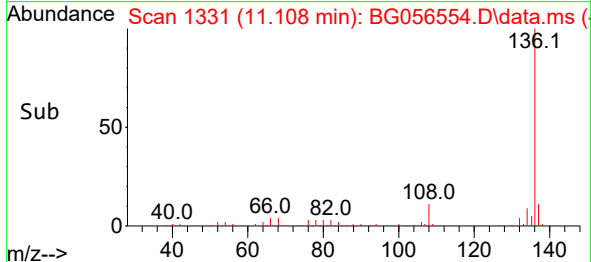
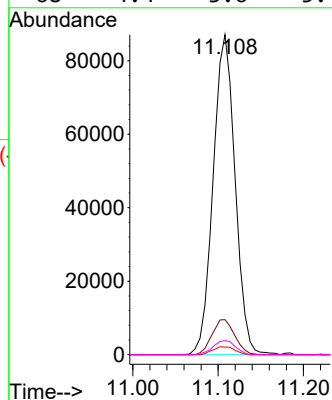
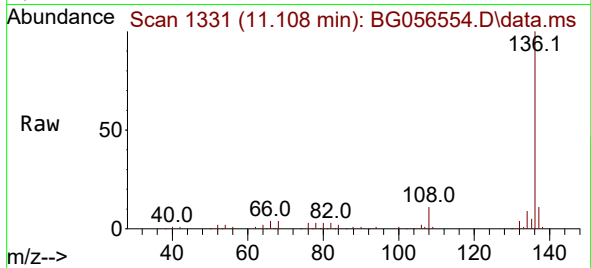




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.108 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056554.D
Acq: 6 Feb 2023 14:12

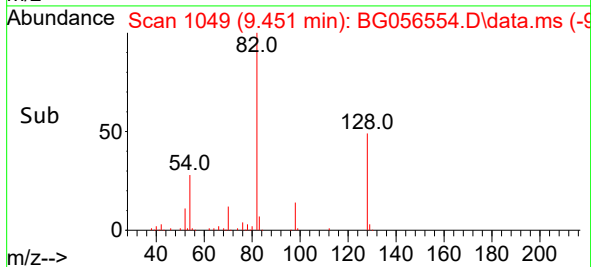
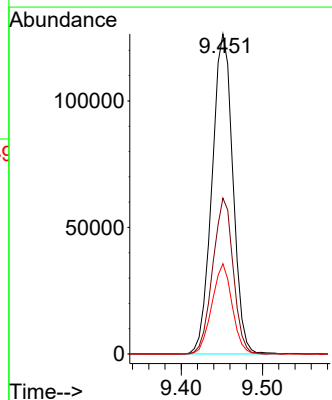
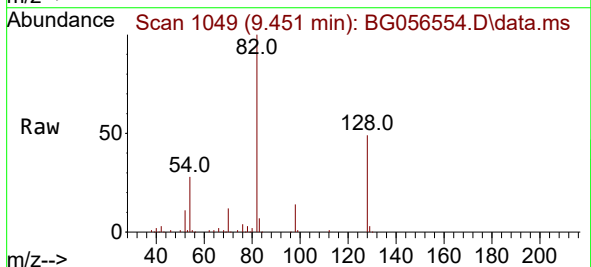
Instrument :
BNA_G
ClientSampleId :
PB150681BL

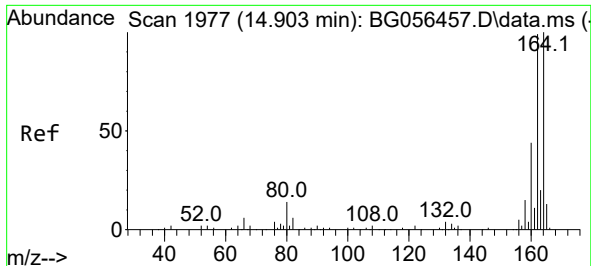
Tgt Ion:136 Resp: 155825
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 2.4 2.2 3.4
68 4.4 3.6 5.4



#23
Nitrobenzene-d5
Concen: 82.221 ng
RT: 9.451 min Scan# 1049
Delta R.T. 0.001 min
Lab File: BG056554.D
Acq: 6 Feb 2023 14:12

Tgt Ion: 82 Resp: 225624
Ion Ratio Lower Upper
82 100
128 48.7 39.4 59.2
54 28.2 21.4 32.2

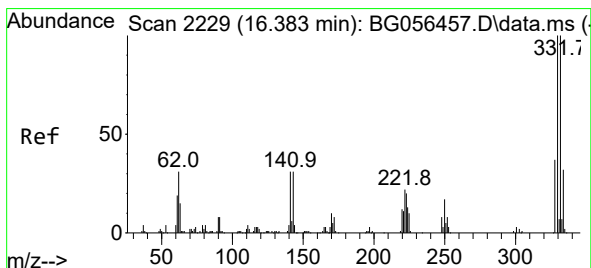
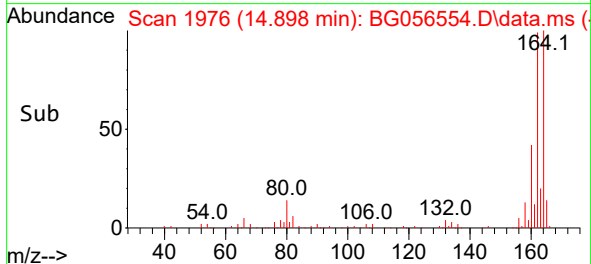
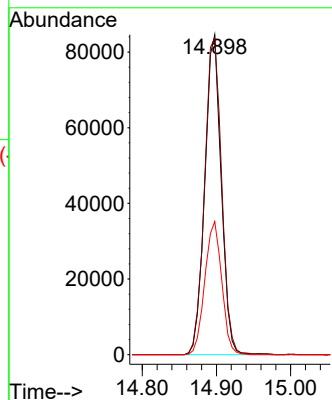
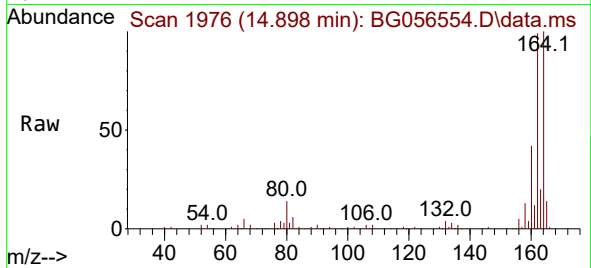




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.898 min Scan# 1976
Delta R.T. 0.001 min
Lab File: BG056554.D
Acq: 6 Feb 2023 14:12

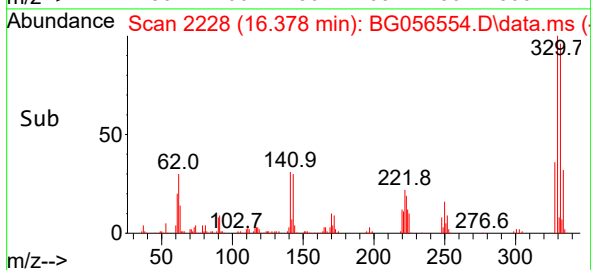
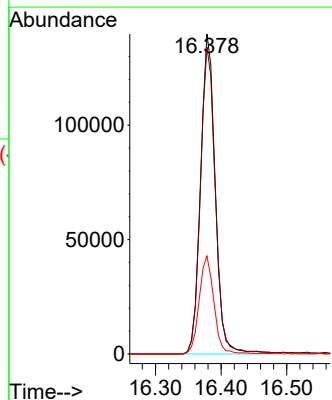
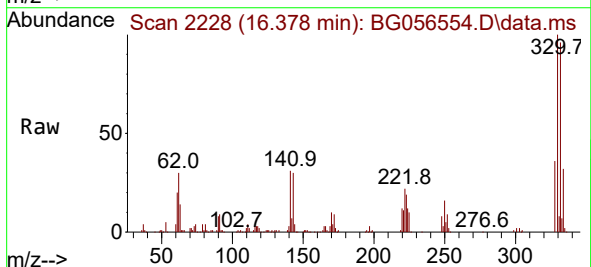
Instrument :
BNA_G
ClientSampleId :
PB150681BL

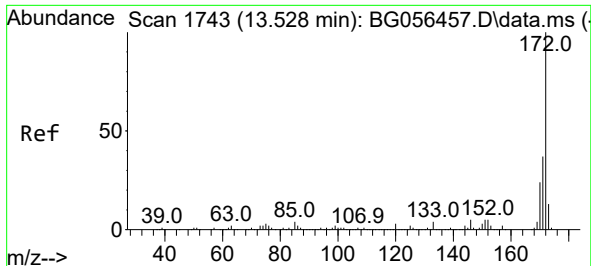
Tgt Ion:164 Resp: 129935
Ion Ratio Lower Upper
164 100
162 99.0 79.6 119.4
160 41.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 126.371 ng
RT: 16.378 min Scan# 2228
Delta R.T. -0.005 min
Lab File: BG056554.D
Acq: 6 Feb 2023 14:12

Tgt Ion:330 Resp: 218294
Ion Ratio Lower Upper
330 100
332 96.5 79.0 118.6
141 30.7 24.2 36.4

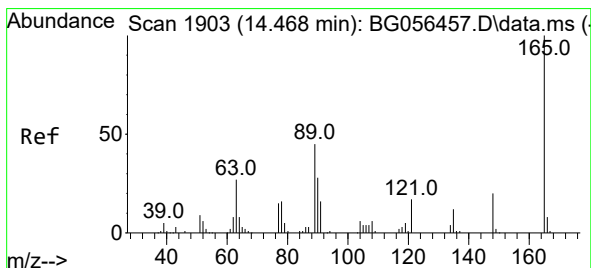
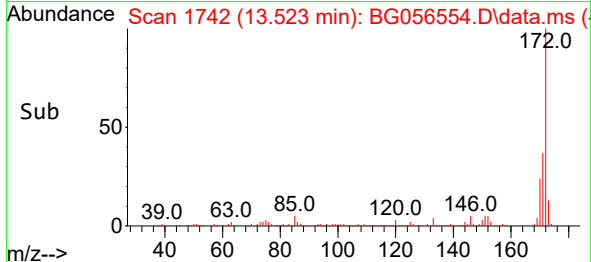
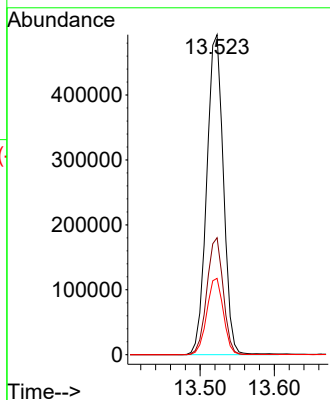
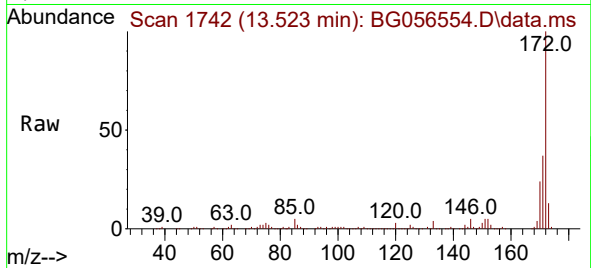




#45
2-Fluorobiphenyl
Concen: 82.025 ng
RT: 13.523 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056554.D
Acq: 6 Feb 2023 14:12

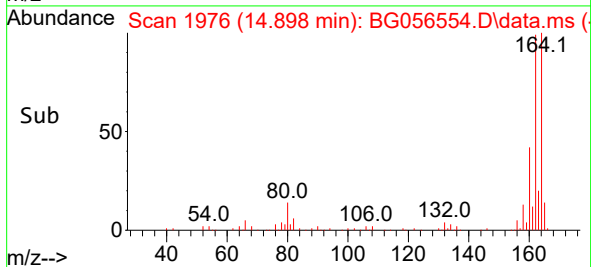
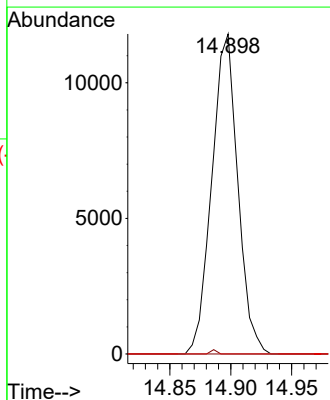
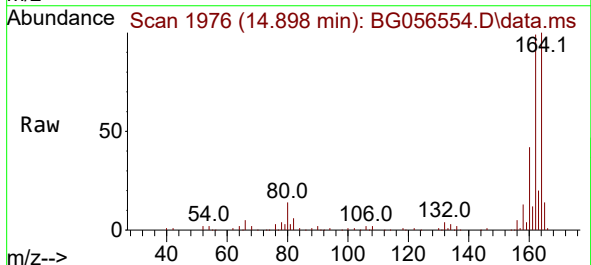
Instrument :
BNA_G
ClientSampleId :
PB150681BL

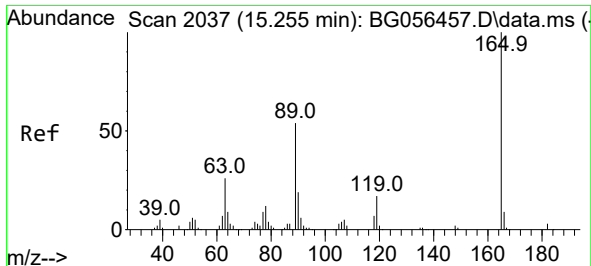
Tgt Ion:172 Resp: 768732
Ion Ratio Lower Upper
172 100
171 36.6 29.5 44.3
170 23.9 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.632 ng
RT: 14.898 min Scan# 1976
Delta R.T. 0.430 min
Lab File: BG056554.D
Acq: 6 Feb 2023 14:12

Tgt Ion:165 Resp: 17497
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: 5.419 ng

RT: 14.898 min Scan# 1976

Delta R.T. -0.357 min

Lab File: BG056554.D

Acq: 6 Feb 2023 14:12

Instrument :

BNA_G

ClientSampleId :

PB150681BL

Tgt Ion:165 Resp: 17497

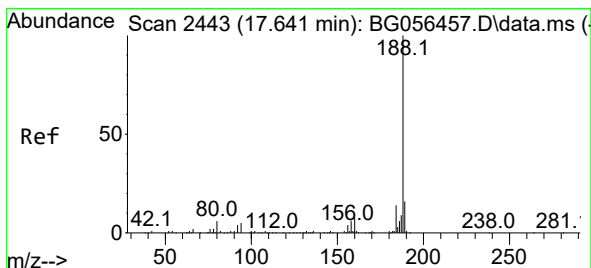
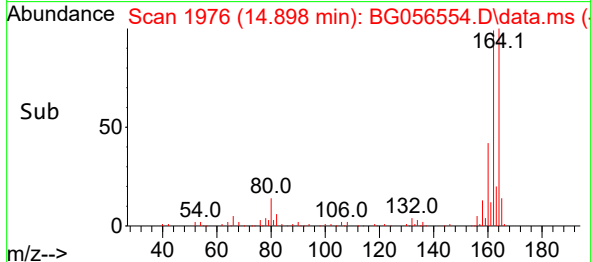
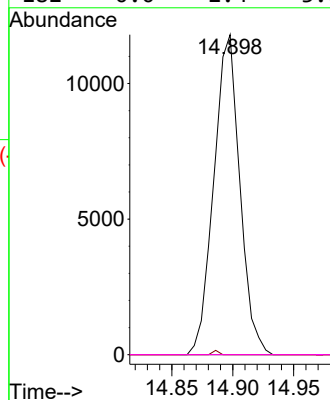
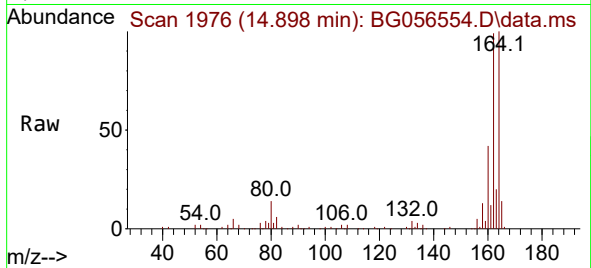
Ion Ratio Lower Upper

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: 17.636 min Scan# 2442

Delta R.T. -0.005 min

Lab File: BG056554.D

Acq: 6 Feb 2023 14:12

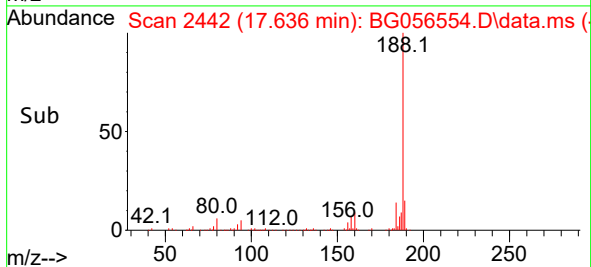
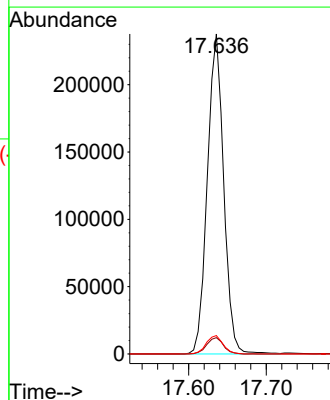
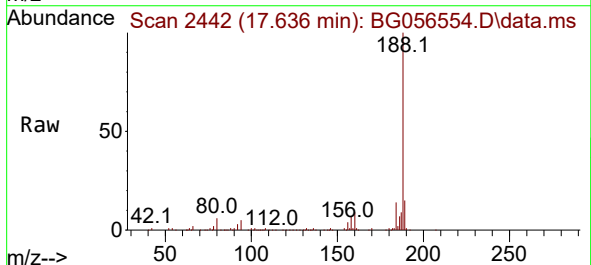
Tgt Ion:188 Resp: 348009

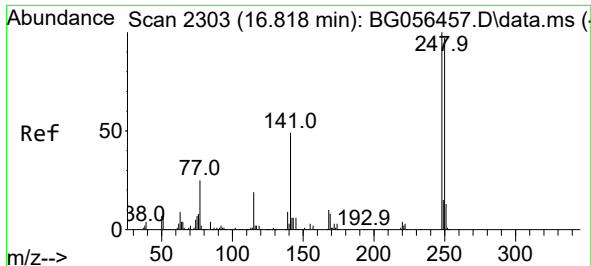
Ion Ratio Lower Upper

188 100

94 5.1 4.1 6.1

80 5.8 5.0 7.4





#67

4-Bromophenyl-phenylether

Concen: 3.844 ng

RT: 16.378 min Scan# 21

Delta R.T. -0.434 min

Lab File: BG056554.D

Acq: 6 Feb 2023 14:12

Instrument :

BNA_G

ClientSampleId :

PB150681BL

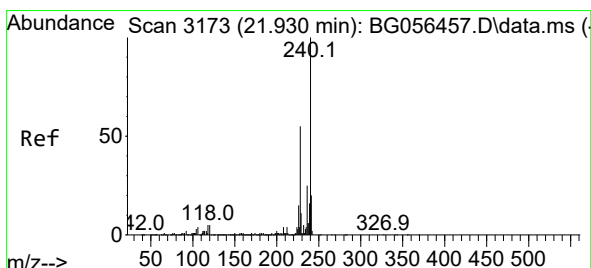
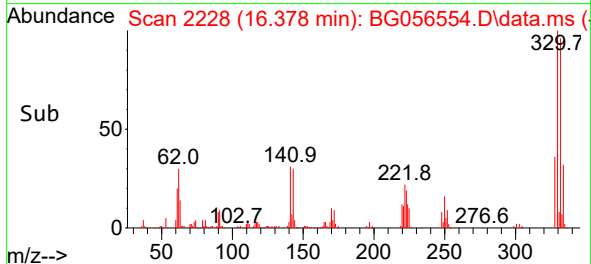
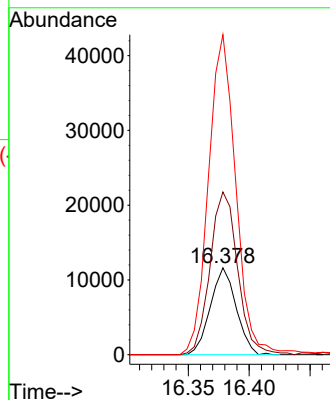
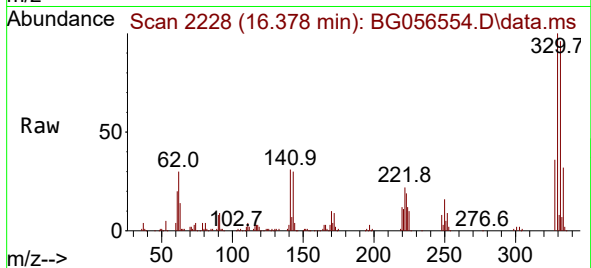
Tgt Ion:248 Resp: 17124

Ion Ratio Lower Upper

248 100

250 187.3 77.6 116.4#

141 368.2 39.0 58.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.925 min Scan# 3172

Delta R.T. -0.005 min

Lab File: BG056554.D

Acq: 6 Feb 2023 14:12

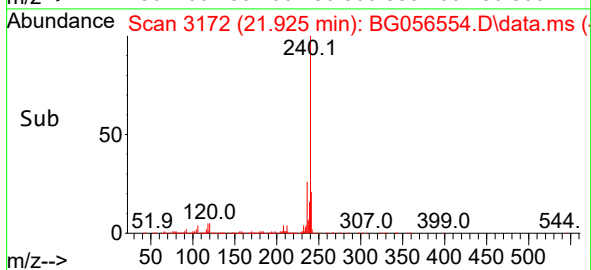
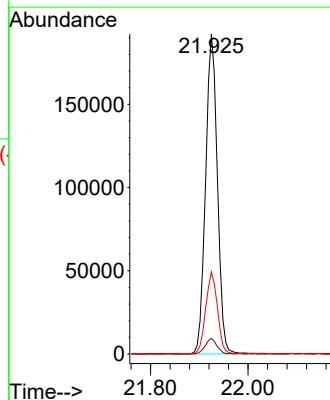
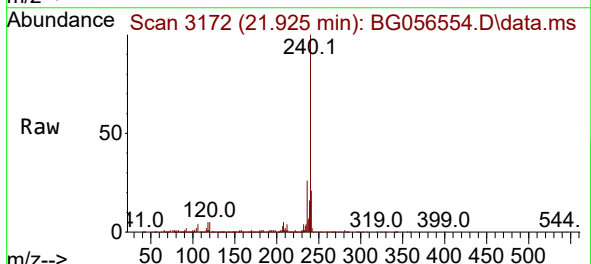
Tgt Ion:240 Resp: 322647

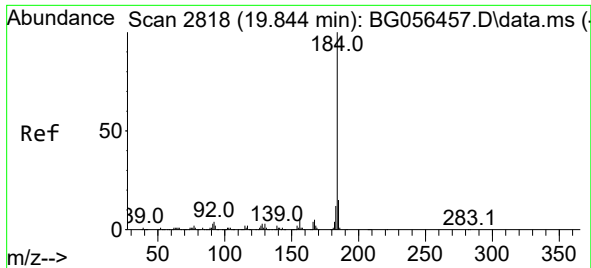
Ion Ratio Lower Upper

240 100

120 4.9 3.8 5.8

236 25.7 20.2 30.2

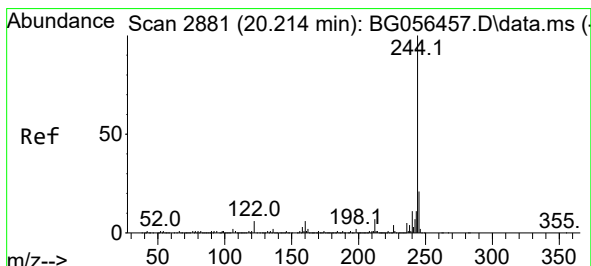
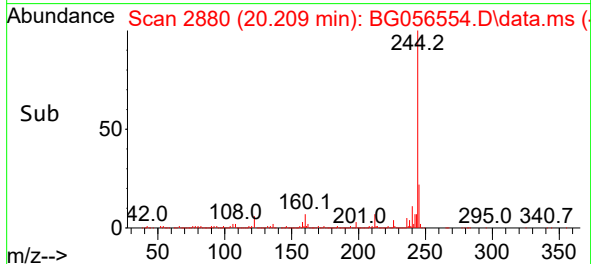
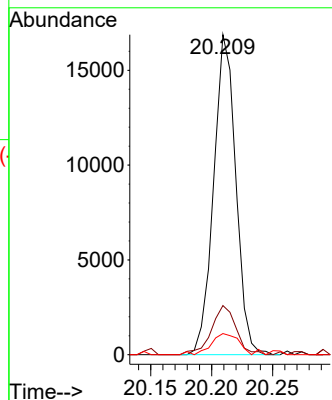
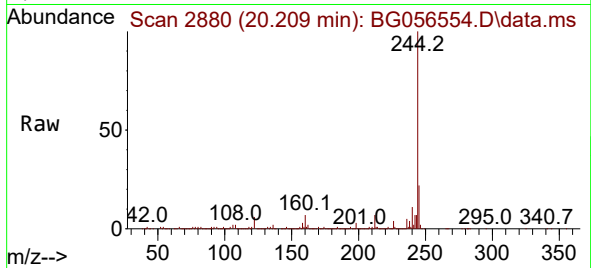




#77
Benzidine
Concen: 2.450 ng
RT: 20.209 min Scan# 21
Delta R.T. 0.371 min
Lab File: BG056554.D
Acq: 6 Feb 2023 14:12

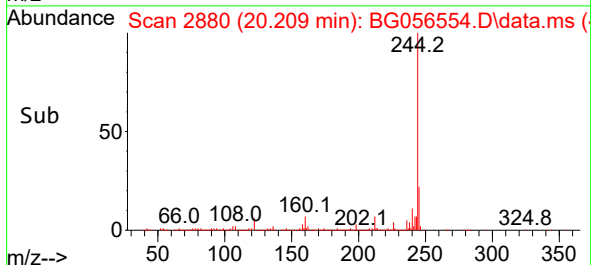
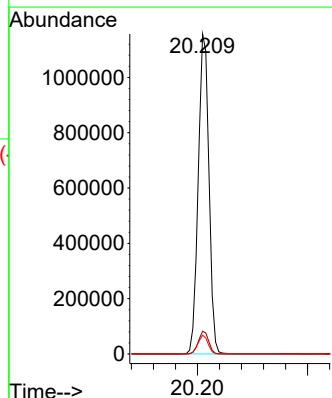
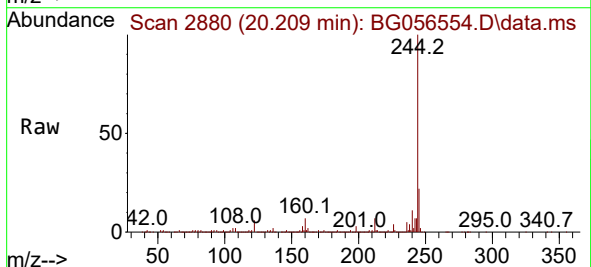
Instrument :
BNA_G
ClientSampleId :
PB150681BL

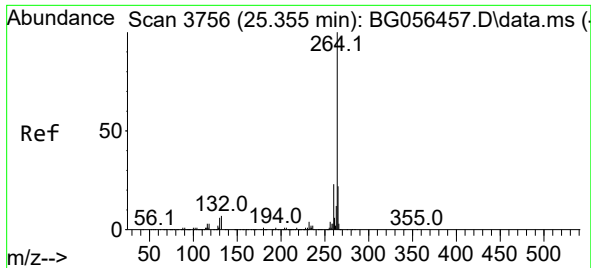
Tgt Ion:184 Resp: 21388
Ion Ratio Lower Upper
184 100
185 15.3 12.3 18.5
183 6.6 9.8 14.8#



#79
Terphenyl-d14
Concen: 85.145 ng
RT: 20.209 min Scan# 2880
Delta R.T. -0.005 min
Lab File: BG056554.D
Acq: 6 Feb 2023 14:12

Tgt Ion:244 Resp: 1564123
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 5.8 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.350 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BG056554.D
 Acq: 6 Feb 2023 14:12

Instrument :
 BNA_G
 ClientSampleId :
 PB150681BL

Tgt Ion:264 Resp: 350291
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.4
 265 21.8 18.1 27.1

