

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
 Data File : BG056624.D
 Acq On : 13 Feb 2023 18:05
 Operator : CG/JU
 Sample : 01529-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 14 02:08:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 22:46:08 2023
 Response via : Initial Calibration

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

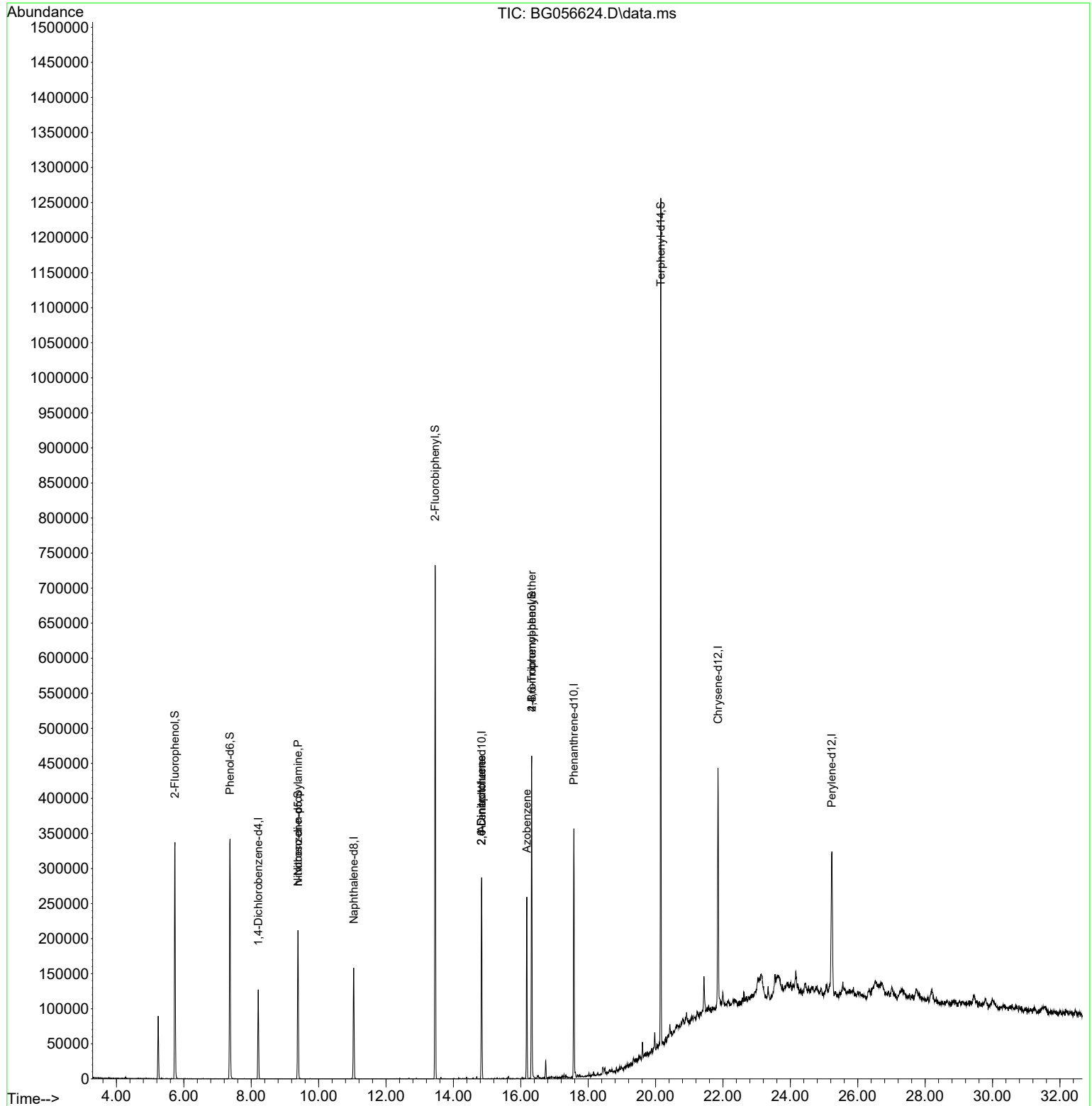
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	42153	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	154214	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	108670	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	243424	20.000	ng	0.00
76) Chrysene-d12	21.853	240	222888	20.000	ng	0.00
86) Perylene-d12	25.232	264	246672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	198154	86.475	ng	0.00
7) Phenol-d6	7.370	99	273172	80.459	ng	0.00
23) Nitrobenzene-d5	9.386	82	148210	54.574	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	100534	69.588	ng	0.00
45) 2-Fluorobiphenyl	13.457	172	427666	54.562	ng	0.00
79) Terphenyl-d14	20.155	244	651065	51.304	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.365	77	261	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.386	70	18330	9.368 ng	#	74
51) 2,6-Dinitrotoluene	14.832	165	13658	7.124 ng	#	36
57) 2,4-Dinitrotoluene	14.832	165	13658	5.057 ng	#	35
63) Azobenzene	16.178	77	62532	11.008 ng	#	1
67) 4-Bromophenyl-phenylether	16.325	248	7520	2.413 ng	#	1

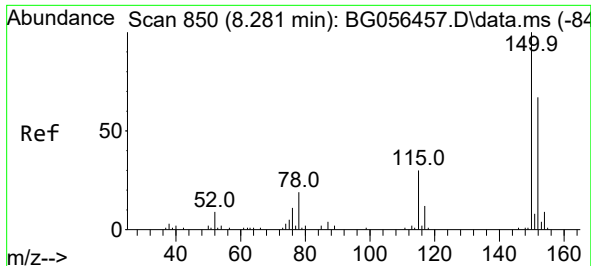
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
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Misc :
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ClientSampleId :

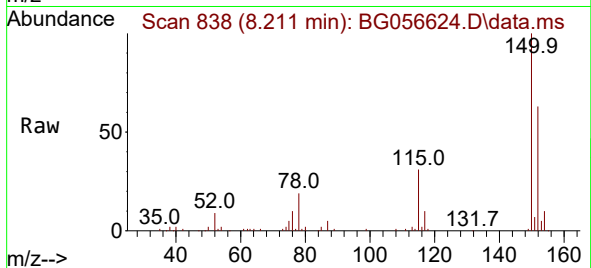
Quant Time: Feb 14 02:08:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 22:46:08 2023
Response via : Initial Calibration



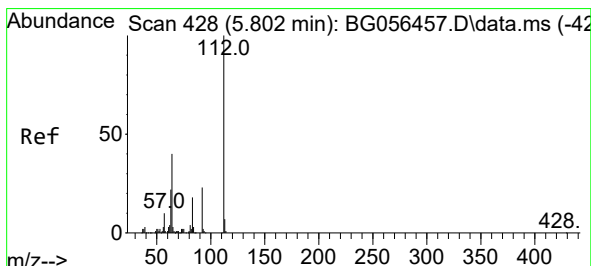
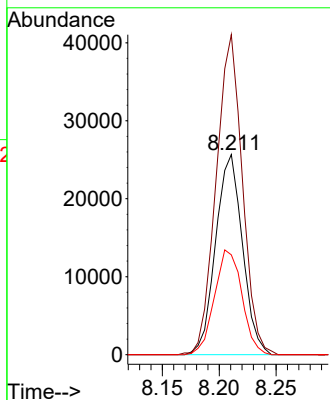
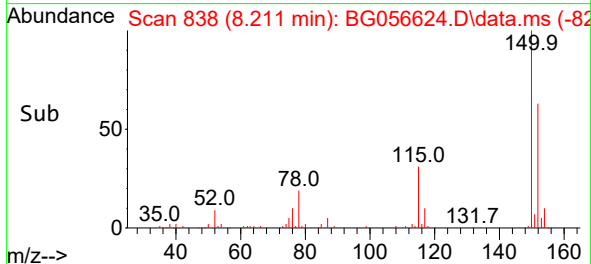


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.211 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05

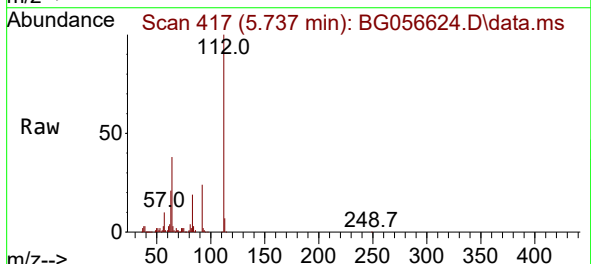
Instrument :
BNA_G
ClientSampleId :



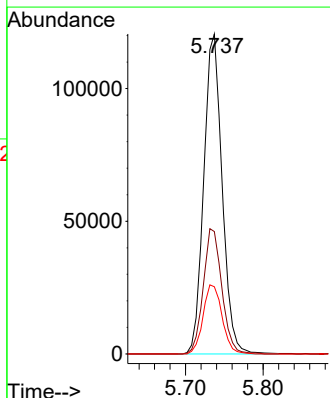
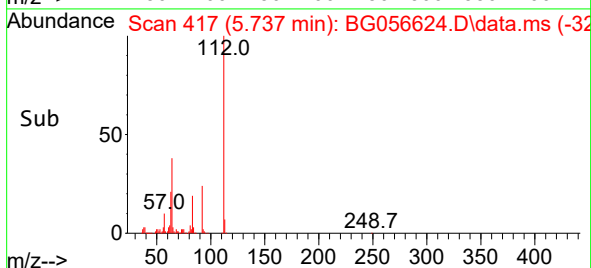
Tgt Ion:152 Resp: 42153
Ion Ratio Lower Upper
152 100
150 159.9 120.2 180.4
115 49.9 36.3 54.5

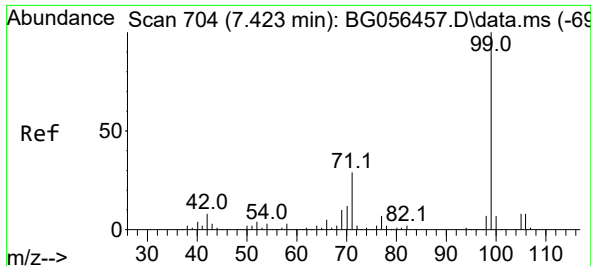


#5
2-Fluorophenol
Concen: 86.475 ng
RT: 5.737 min Scan# 417
Delta R.T. 0.009 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05



Tgt Ion:112 Resp: 198154
Ion Ratio Lower Upper
112 100
64 38.3 31.9 47.9
63 21.0 17.4 26.0

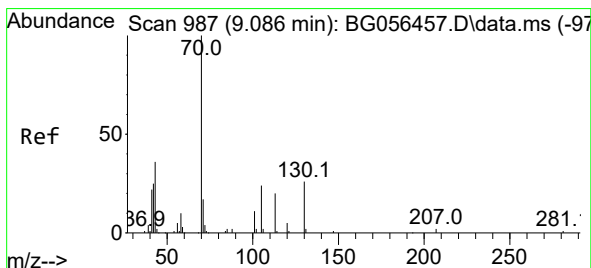
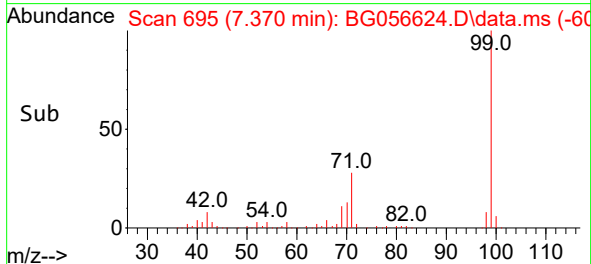
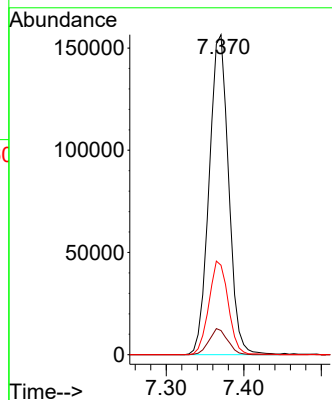
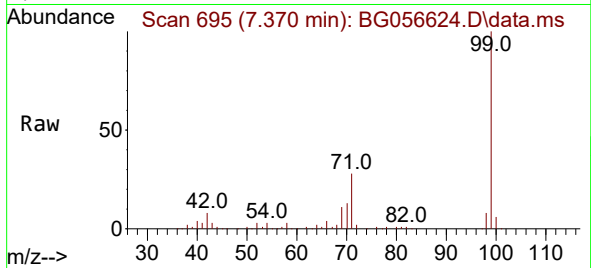




#7
Phenol-d6
Concen: 80.459 ng
RT: 7.370 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05

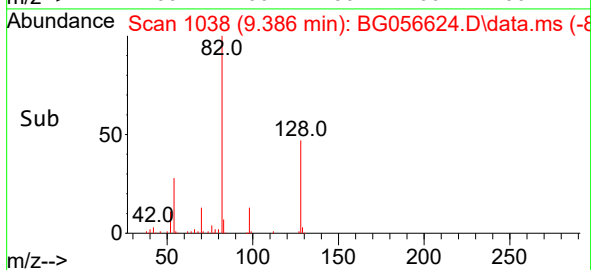
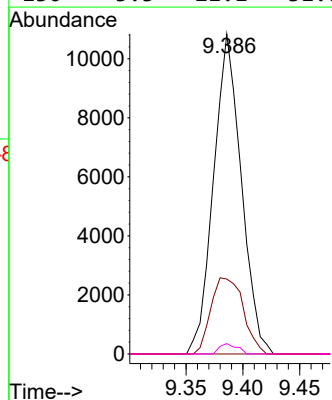
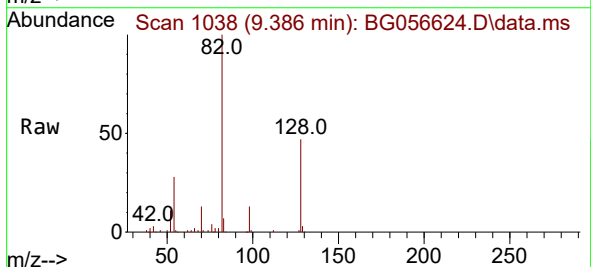
Instrument :
BNA_G
ClientSampleId :

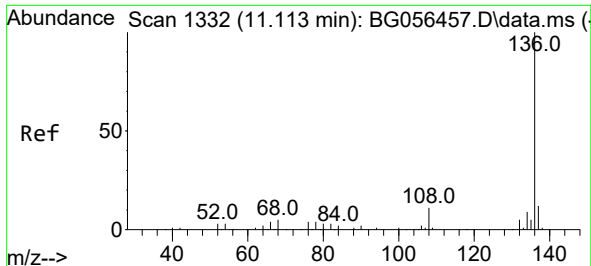
Tgt Ion: 99 Resp: 273172
Ion Ratio Lower Upper
99 100
42 7.6 6.6 10.0
71 28.0 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 9.368 ng
RT: 9.386 min Scan# 1038
Delta R.T. 0.368 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05

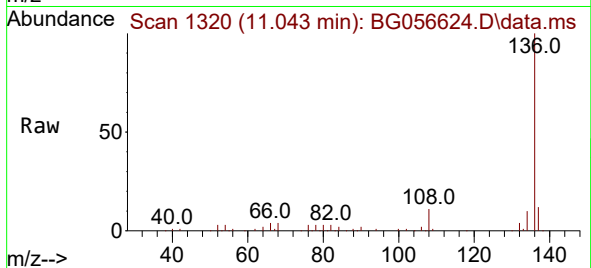
Tgt Ion: 70 Resp: 18330
Ion Ratio Lower Upper
70 100
42 23.4 20.2 30.4
101 0.0 9.1 13.7#
130 3.3 21.1 31.7#



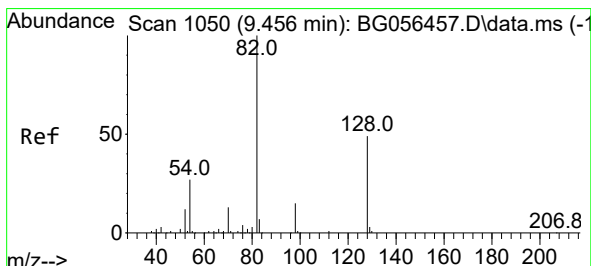
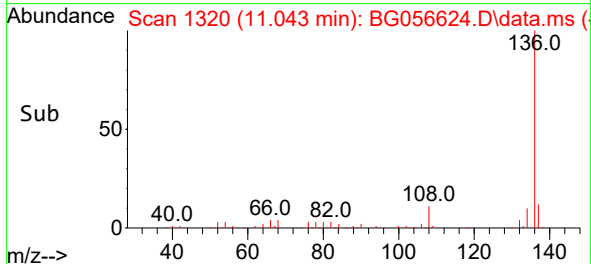
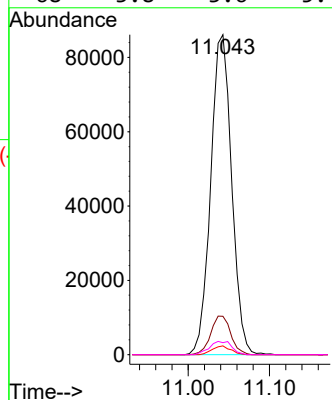


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05

Instrument :
BNA_G
ClientSampleId :

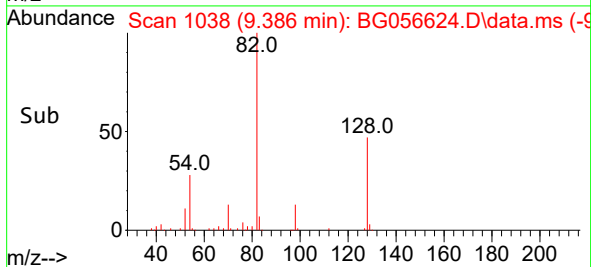
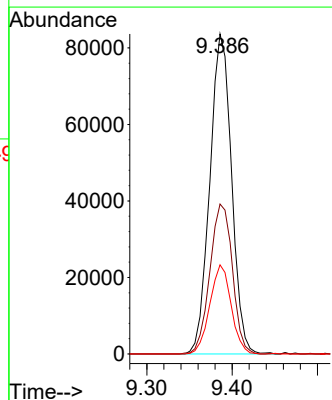
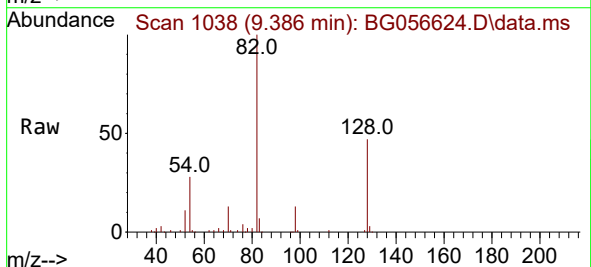


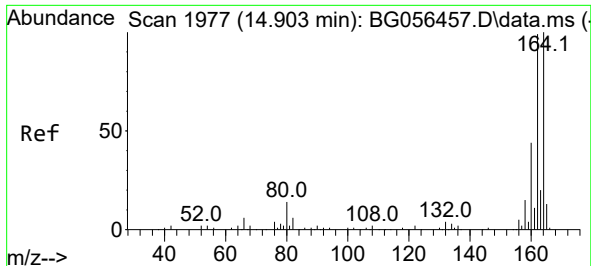
Tgt Ion:136 Resp: 154214
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.0
54 2.8 2.2 3.4
68 3.8 3.6 5.4



#23
Nitrobenzene-d5
Concen: 54.574 ng
RT: 9.386 min Scan# 1038
Delta R.T. -0.002 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05

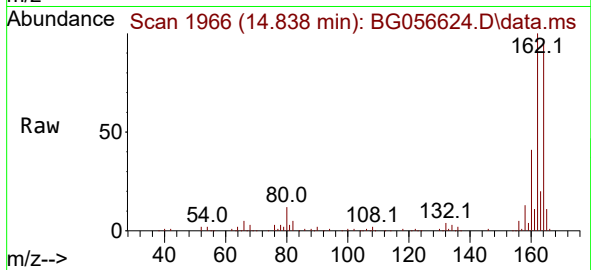
Tgt Ion: 82 Resp: 148210
Ion Ratio Lower Upper
82 100
128 46.8 39.4 59.2
54 27.9 21.4 32.2



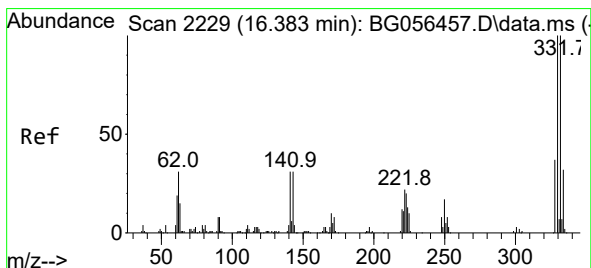
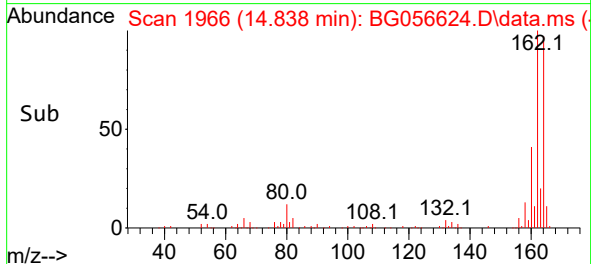
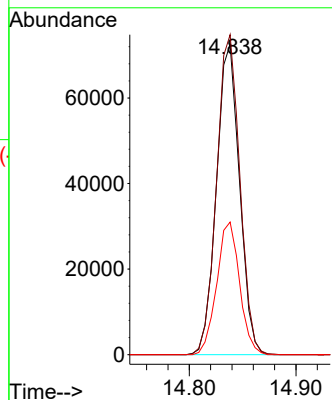


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.838 min Scan# 1977
Delta R.T. -0.002 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05

Instrument :
BNA_G
ClientSampleId :

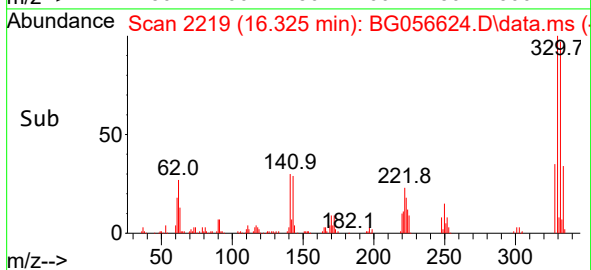
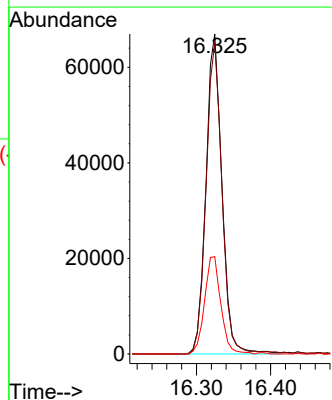
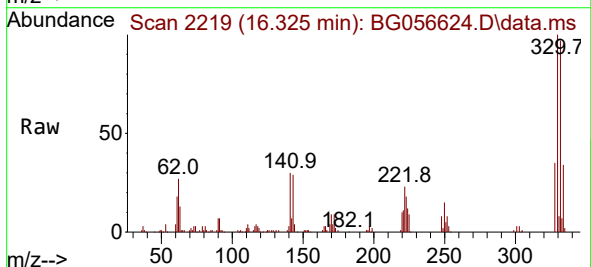


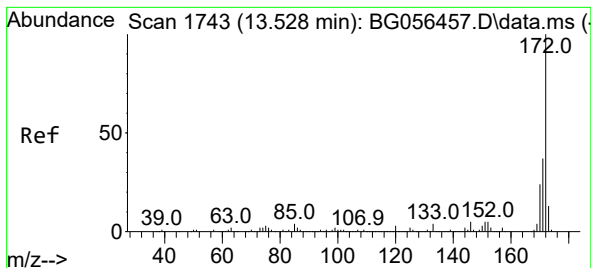
Tgt Ion:164 Resp: 108670
Ion Ratio Lower Upper
164 100
162 103.1 79.6 119.4
160 42.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 69.588 ng
RT: 16.325 min Scan# 2219
Delta R.T. -0.003 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05

Tgt Ion:330 Resp: 100534
Ion Ratio Lower Upper
330 100
332 97.2 79.0 118.6
141 30.9 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 54.562 ng

RT: 13.457 min Scan# 1

Delta R.T. -0.008 min

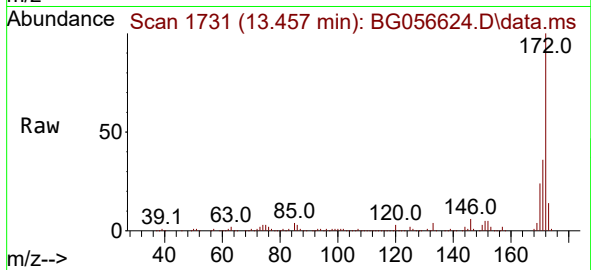
Lab File: BG056624.D

Acq: 13 Feb 2023 18:05

Instrument :

BNA_G

ClientSampleId :



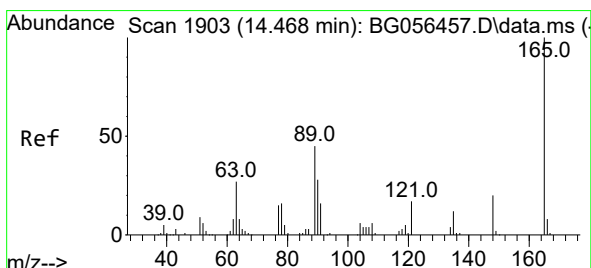
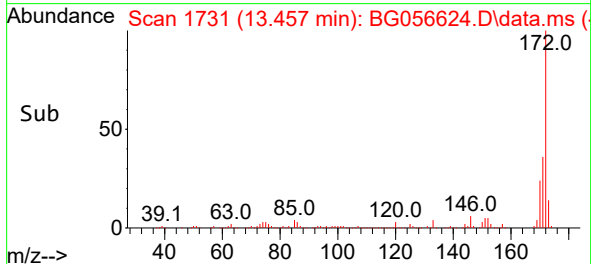
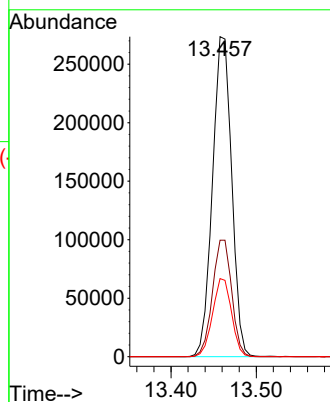
Tgt Ion:172 Resp: 427666

Ion Ratio Lower Upper

172 100

171 36.4 29.5 44.3

170 24.4 19.2 28.8



#51

2,6-Dinitrotoluene

Concen: 7.124 ng

RT: 14.832 min Scan# 1965

Delta R.T. 0.415 min

Lab File: BG056624.D

Acq: 13 Feb 2023 18:05

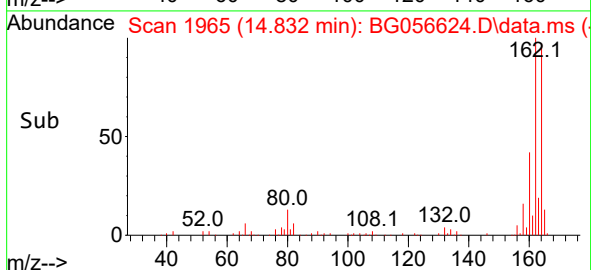
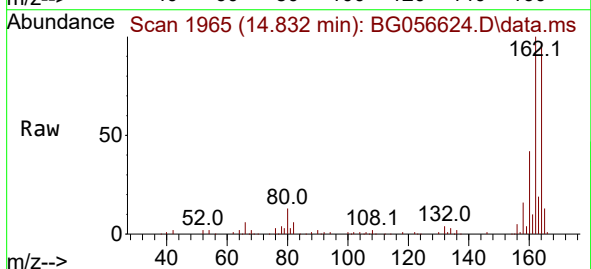
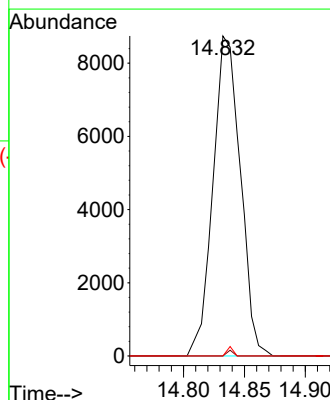
Tgt Ion:165 Resp: 13658

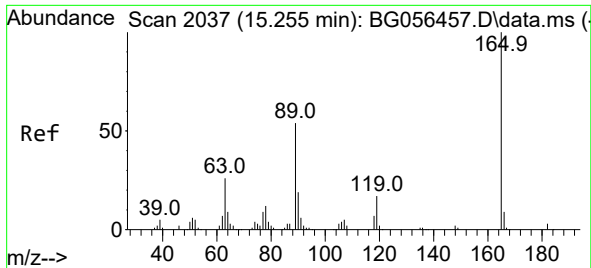
Ion Ratio Lower Upper

165 100

63 0.0 26.9 40.3#

89 0.0 35.6 53.4#





#57

2,4-Dinitrotoluene

Concen: 5.057 ng

RT: 14.832 min Scan# 1965

Delta R.T. -0.373 min

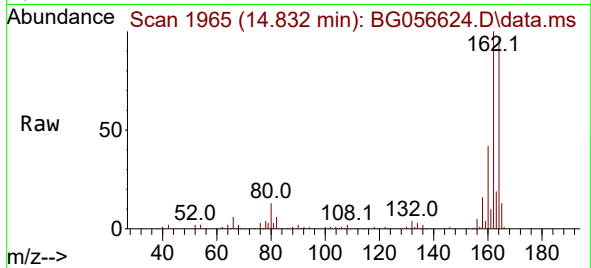
Lab File: BG056624.D

Acq: 13 Feb 2023 18:05

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 13658

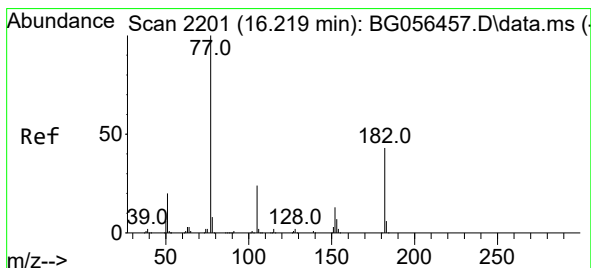
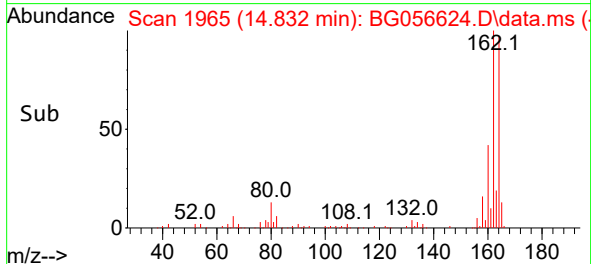
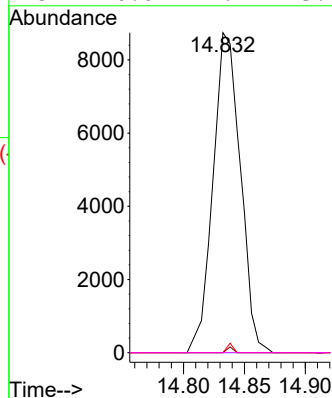
Ion Ratio Lower Upper

165 100

63 0.0 20.6 31.0#

89 0.0 43.1 64.7#

182 0.0 2.4 3.6#



#63

Azobenzene

Concen: 11.008 ng

RT: 16.178 min Scan# 2194

Delta R.T. 0.021 min

Lab File: BG056624.D

Acq: 13 Feb 2023 18:05

Tgt Ion: 77 Resp: 62532

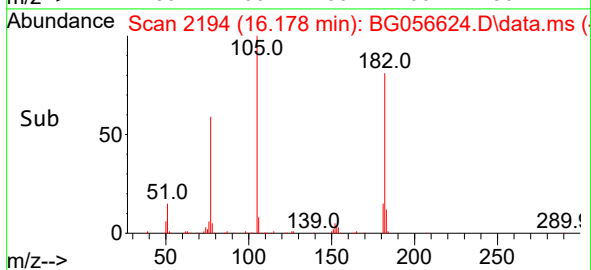
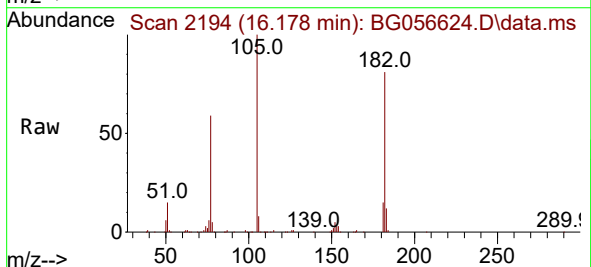
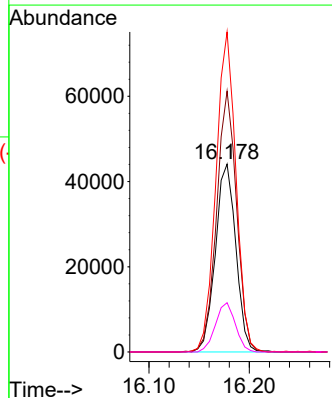
Ion Ratio Lower Upper

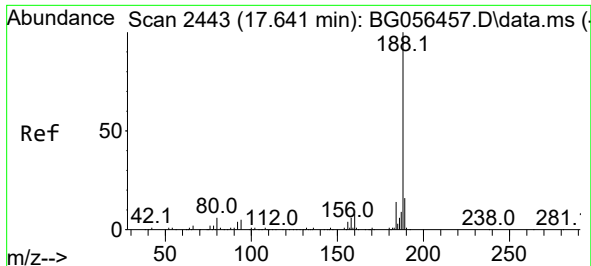
77 100

182 138.8 23.1 63.1#

105 170.3 4.2 44.2#

51 26.2 0.0 39.8

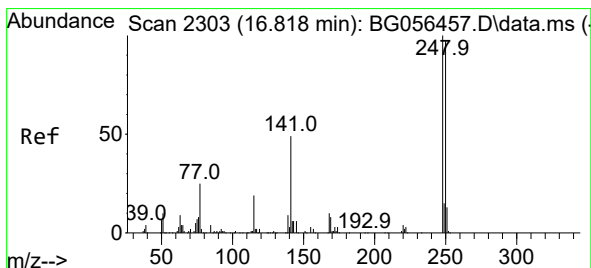
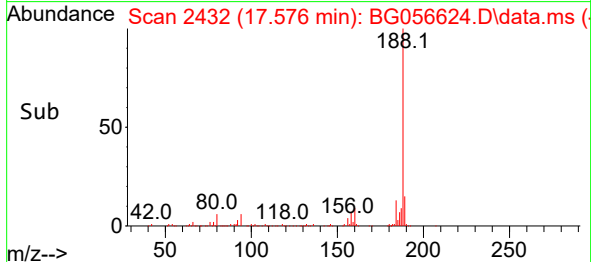
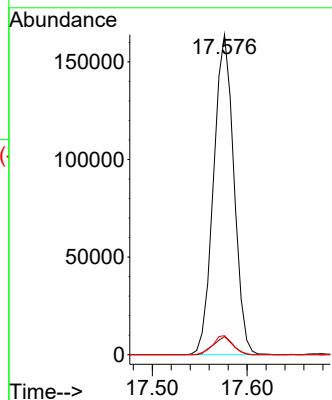
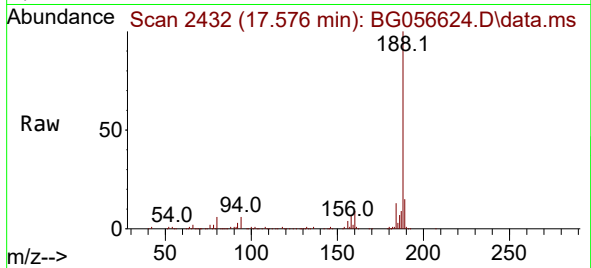




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2443
Delta R.T. -0.008 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05

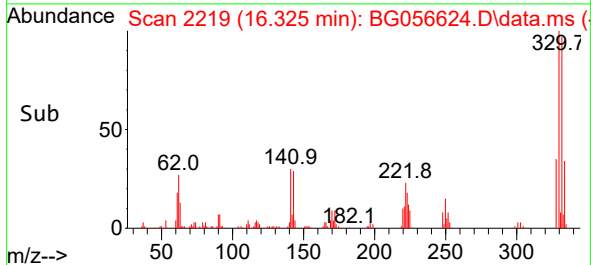
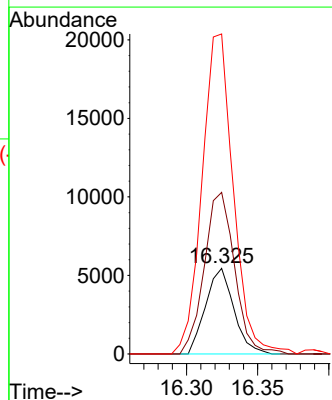
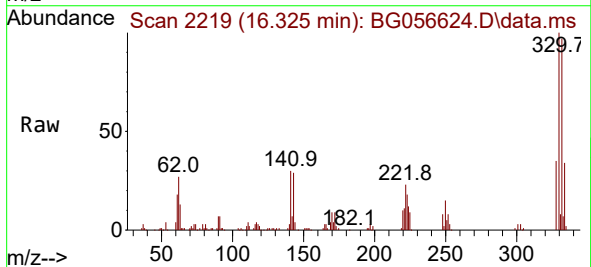
Instrument :
BNA_G
ClientSampleId :

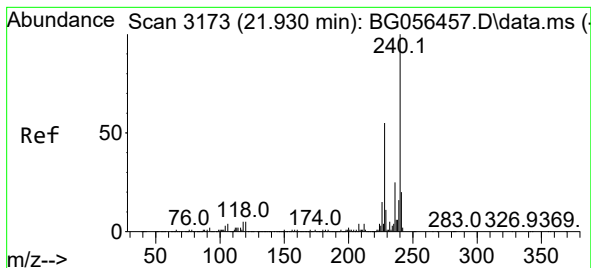
Tgt Ion:188 Resp: 243424
Ion Ratio Lower Upper
188 100
94 5.7 4.1 6.1
80 5.9 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 2.413 ng
RT: 16.325 min Scan# 2219
Delta R.T. -0.431 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05

Tgt Ion:248 Resp: 7520
Ion Ratio Lower Upper
248 100
250 188.6 77.6 116.4#
141 373.5 39.0 58.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.853 min Scan# 3173

Delta R.T. -0.008 min

Lab File: BG056624.D

Acq: 13 Feb 2023 18:05

Instrument :

BNA_G

ClientSampleId :

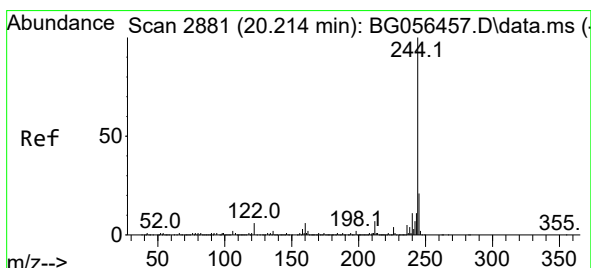
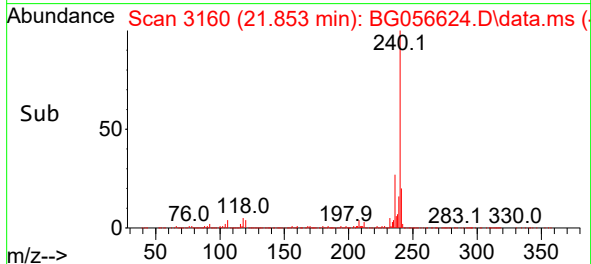
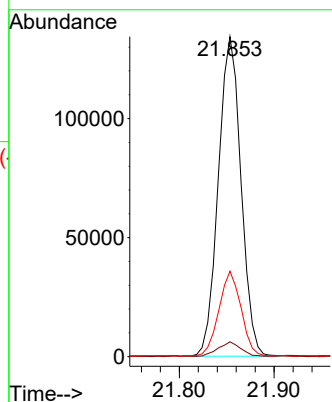
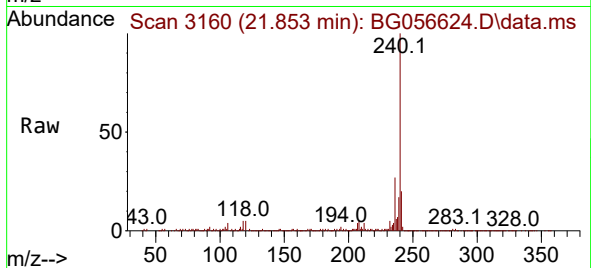
Tgt Ion:240 Resp: 222888

Ion Ratio Lower Upper

240 100

120 4.7 3.8 5.8

236 26.7 20.2 30.2



#79

Terphenyl-d14

Concen: 51.304 ng

RT: 20.155 min Scan# 2871

Delta R.T. -0.002 min

Lab File: BG056624.D

Acq: 13 Feb 2023 18:05

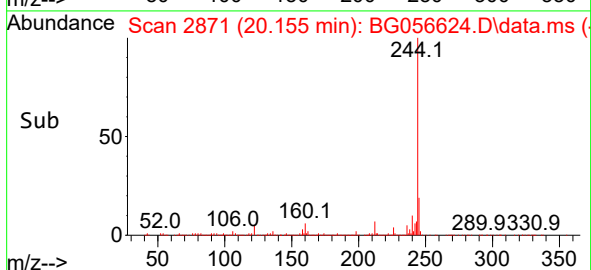
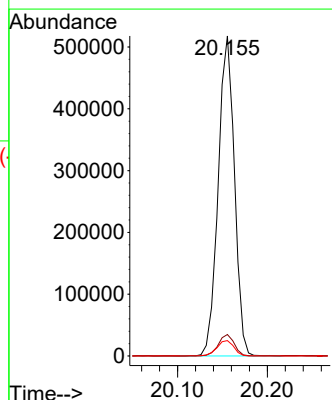
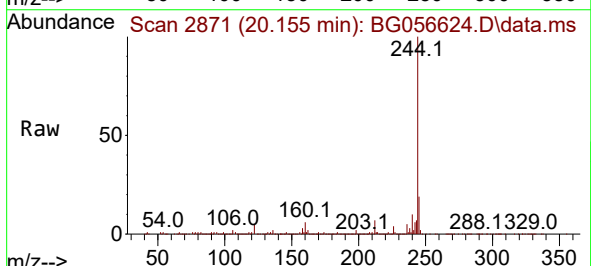
Tgt Ion:244 Resp: 651065

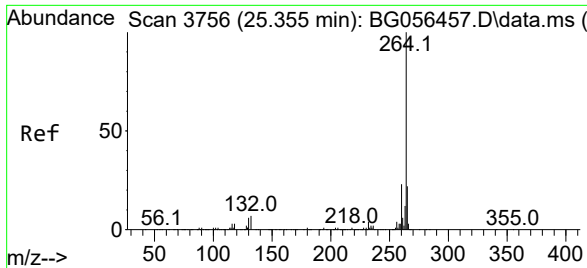
Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

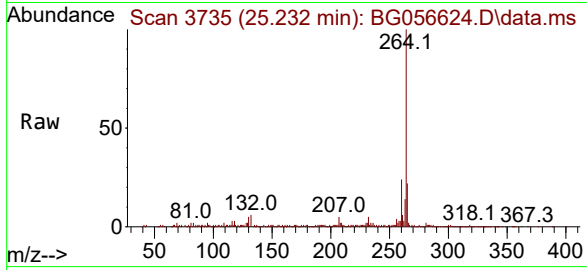
122 4.8 4.4 6.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.232 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG056624.D
Acq: 13 Feb 2023 18:05

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 246672

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	22.4	18.1	27.1

