

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056589.D
 Acq On : 8 Feb 2023 20:00
 Operator : CG/JU
 Sample : 01462-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Feb 09 02:08:53 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)

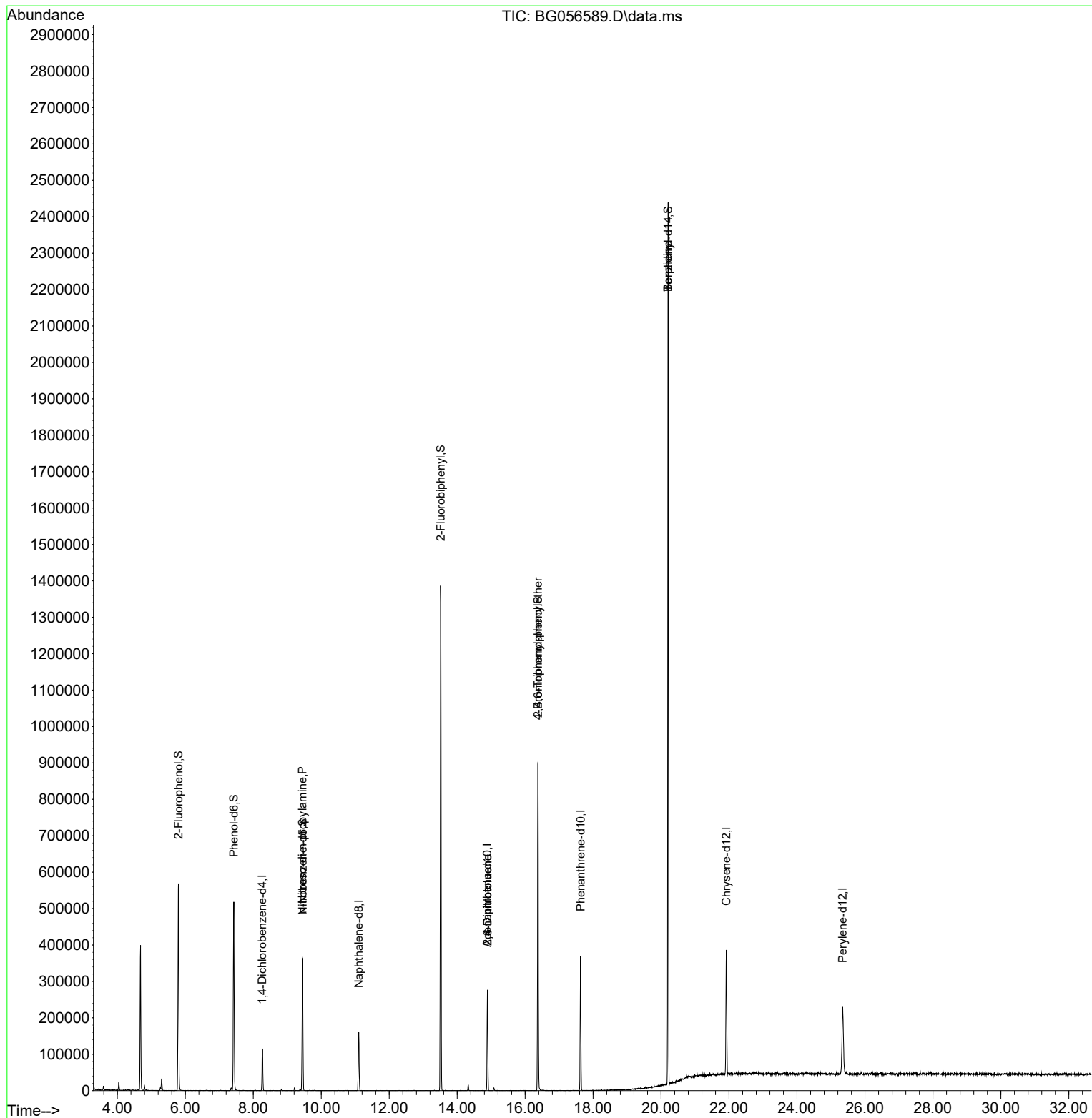
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	40309	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	156251	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	109072	20.000	ng	0.00
64) Phenanthrene-d10	17.631	188	255933	20.000	ng	0.00
76) Chrysene-d12	21.920	240	227463	20.000	ng	0.00
86) Perylene-d12	25.345	264	218553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	331846	151.444	ng	0.00
7) Phenol-d6	7.425	99	407342	125.465	ng	0.00
23) Nitrobenzene-d5	9.452	82	257670	93.643	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	210255	144.999	ng	0.00
45) 2-Fluorobiphenyl	13.512	172	829882	105.487	ng	0.00
79) Terphenyl-d14	20.210	244	1342193	103.638	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.425	77	524	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.446	70	32142	17.179	ng	# 70
51) 2,6-Dinitrotoluene	14.893	165	14124	7.340	ng	# 36
57) 2,4-Dinitrotoluene	14.893	165	14124	5.211	ng	# 35
67) 4-Bromophenyl-phenylether	16.373	248	16670	5.088	ng	# 1
77) Benzidine	20.204	184	19137	3.109	ng	# 90

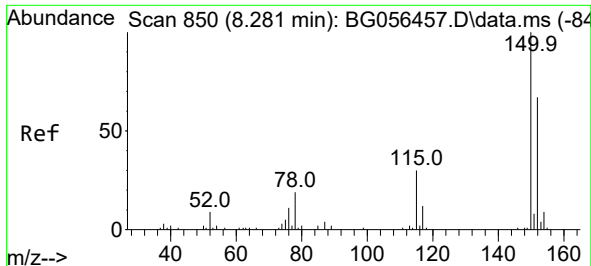
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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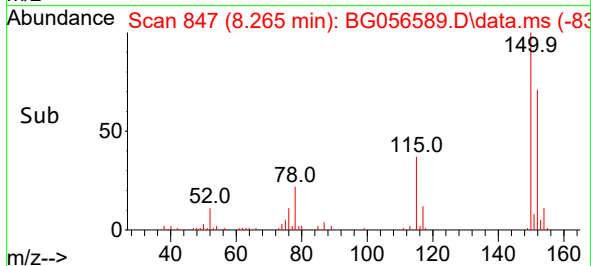
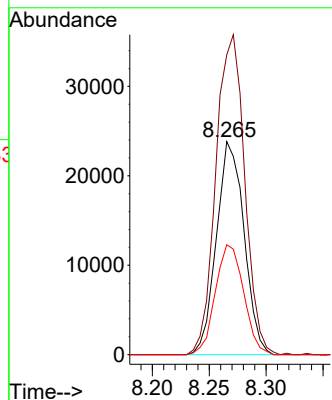
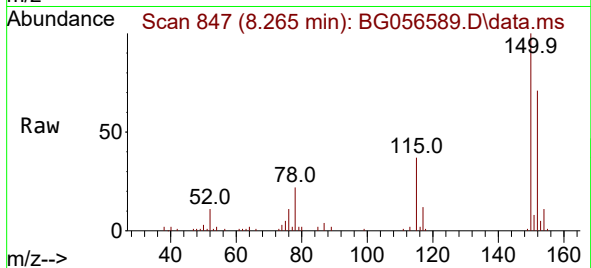




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

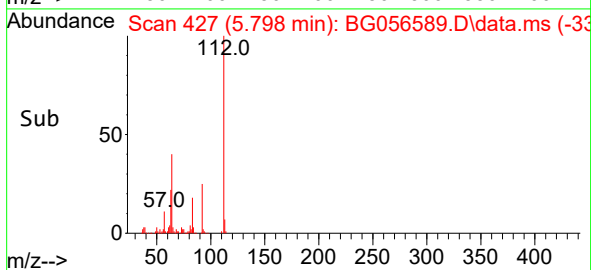
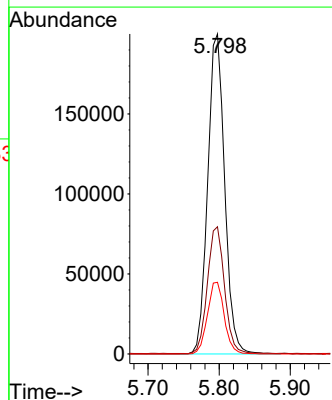
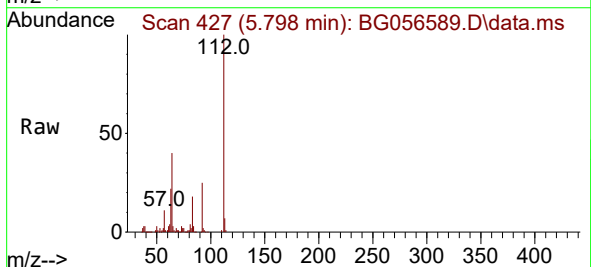
Instrument :
BNA_G
ClientSampleId :
COMP-1

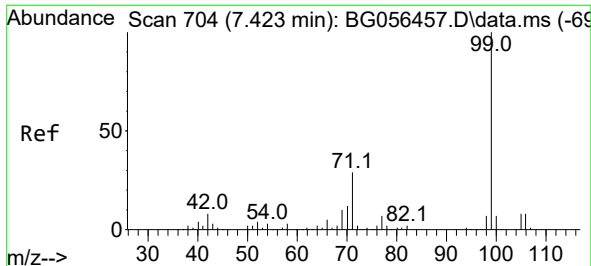
Tgt Ion:152 Resp: 40309
Ion Ratio Lower Upper
152 100
150 140.6 120.2 180.4
115 51.6 36.3 54.5



#5
2-Fluorophenol
Concen: 151.444 ng
RT: 5.798 min Scan# 427
Delta R.T. 0.008 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

Tgt Ion:112 Resp: 331846
Ion Ratio Lower Upper
112 100
64 39.7 31.9 47.9
63 22.4 17.4 26.0

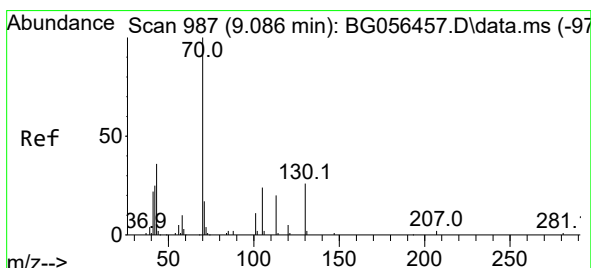
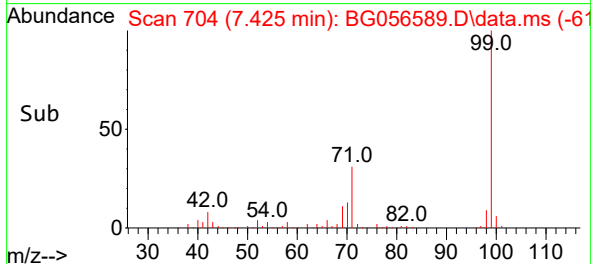
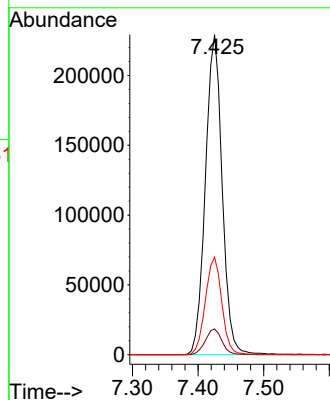
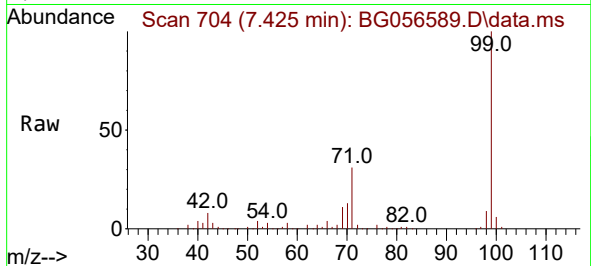




#7
Phenol-d6
Concen: 125.465 ng
RT: 7.425 min Scan# 704
Delta R.T. 0.008 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

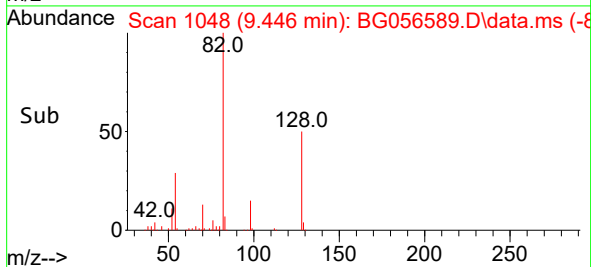
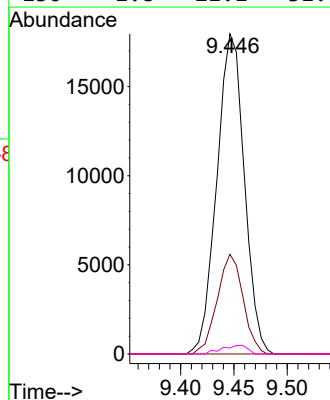
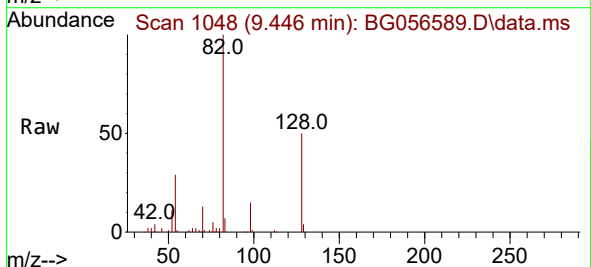
Instrument :
BNA_G
ClientSampleId :
COMP-1

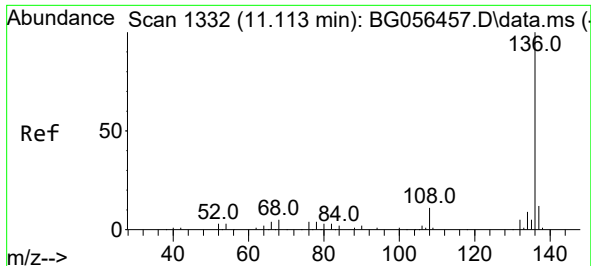
Tgt Ion: 99 Resp: 407342
Ion Ratio Lower Upper
99 100
42 8.1 6.6 10.0
71 30.5 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.179 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.372 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

Tgt Ion: 70 Resp: 32142
Ion Ratio Lower Upper
70 100
42 31.1 20.2 30.4#
101 0.0 9.1 13.7#
130 1.8 21.1 31.7#

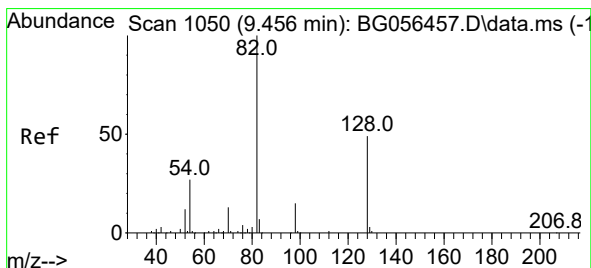
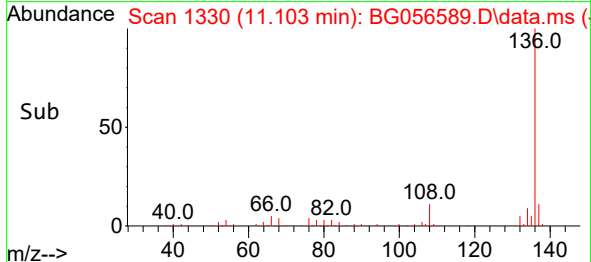
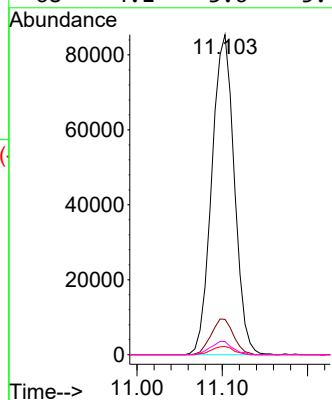
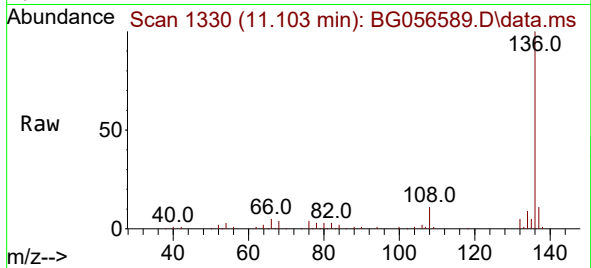




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 1110
Delta R.T. 0.002 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

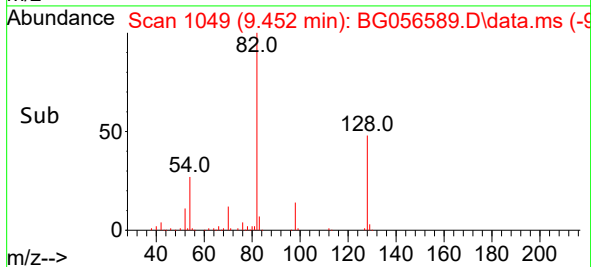
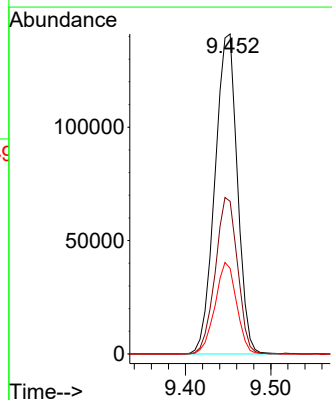
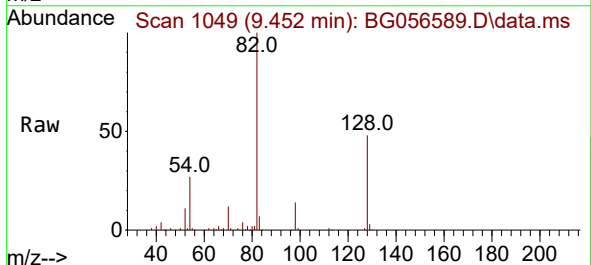
Instrument :
BNA_G
ClientSampleId :
COMP-1

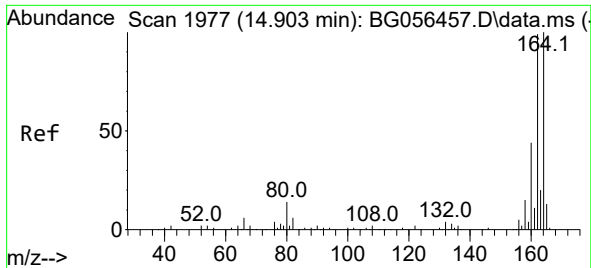
Tgt Ion:136 Resp: 156251
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 2.6 2.2 3.4
68 4.1 3.6 5.4



#23
Nitrobenzene-d5
Concen: 93.643 ng
RT: 9.452 min Scan# 1049
Delta R.T. 0.008 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

Tgt Ion: 82 Resp: 257670
Ion Ratio Lower Upper
82 100
128 47.7 39.4 59.2
54 26.8 21.4 32.2

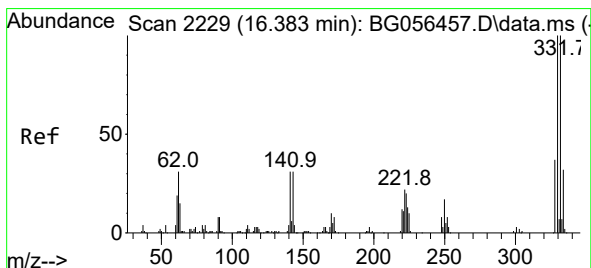
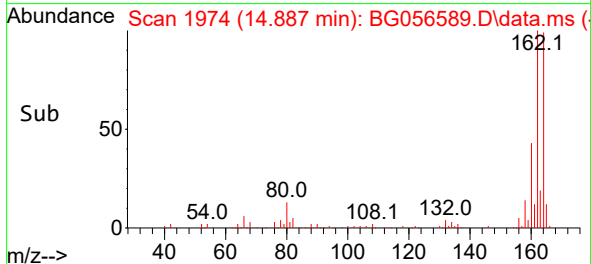
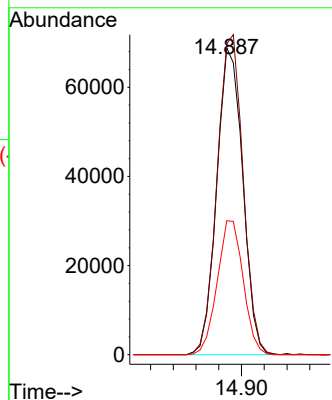
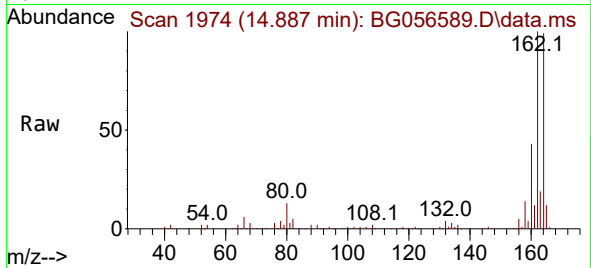




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

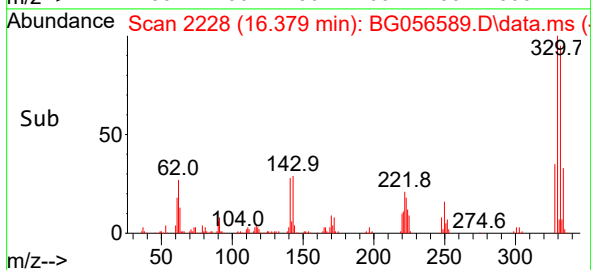
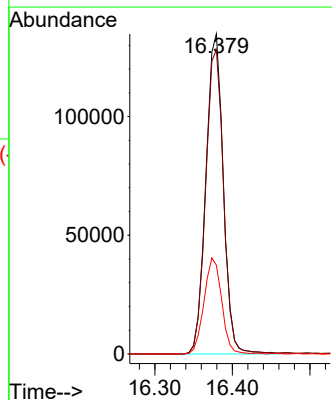
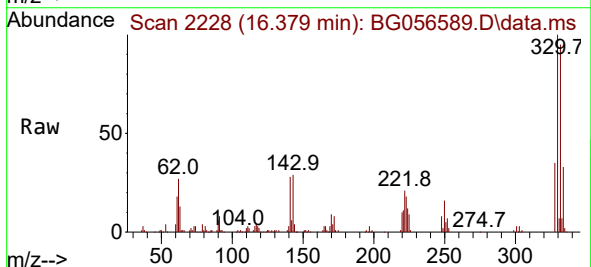
Instrument :
BNA_G
ClientSampleId :
COMP-1

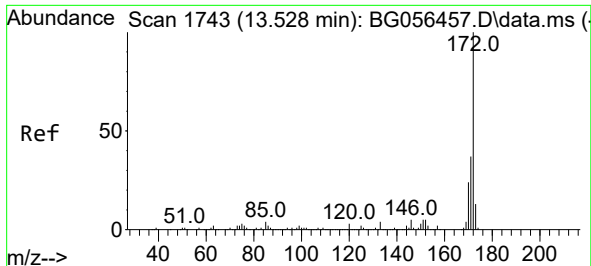
Tgt Ion:164 Resp: 109072
Ion Ratio Lower Upper
164 100
162 101.3 79.6 119.4
160 43.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 144.999 ng
RT: 16.379 min Scan# 2228
Delta R.T. 0.002 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

Tgt Ion:330 Resp: 210255
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.6
141 30.4 24.2 36.4

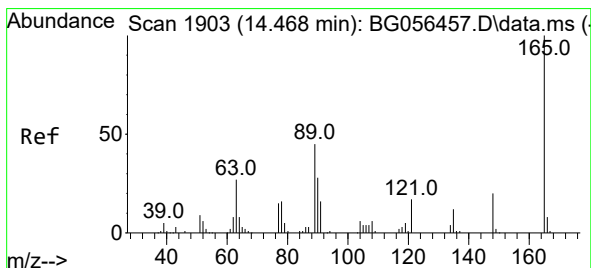
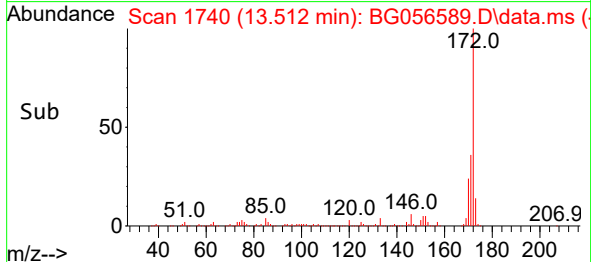
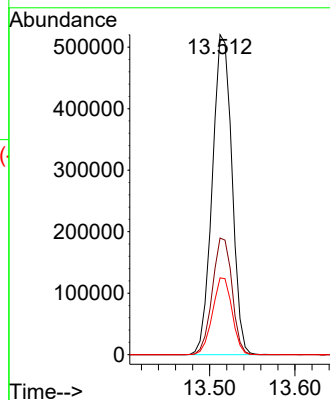
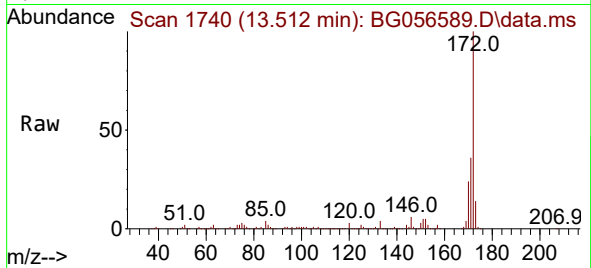




#45
2-Fluorobiphenyl
Concen: 105.487 ng
RT: 13.512 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

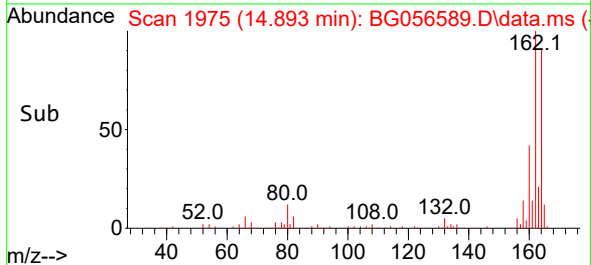
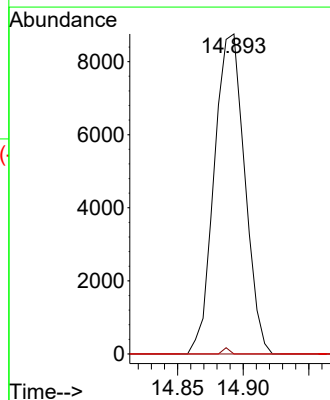
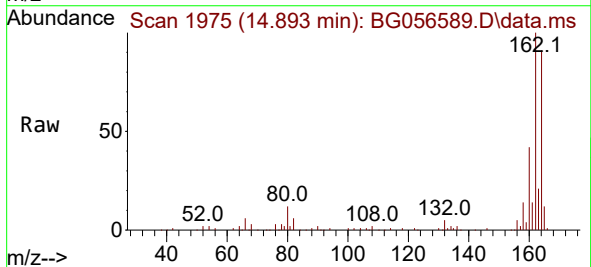
Instrument :
BNA_G
ClientSampleId :
COMP-1

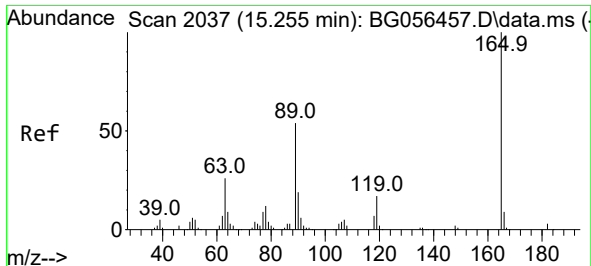
Tgt Ion:172 Resp: 829882
Ion Ratio Lower Upper
172 100
171 36.5 29.5 44.3
170 24.0 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.340 ng
RT: 14.893 min Scan# 1975
Delta R.T. 0.431 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

Tgt Ion:165 Resp: 14124
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: 5.211 ng

RT: 14.893 min Scan# 14

Delta R.T. -0.357 min

Lab File: BG056589.D

Acq: 8 Feb 2023 20:00

Instrument :

BNA_G

ClientSampleId :

COMP-1

Tgt Ion:165 Resp: 14124

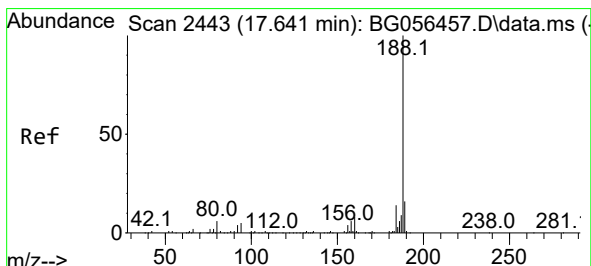
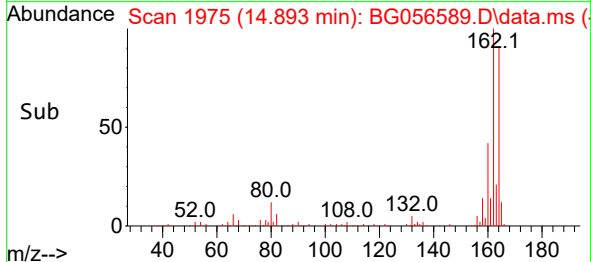
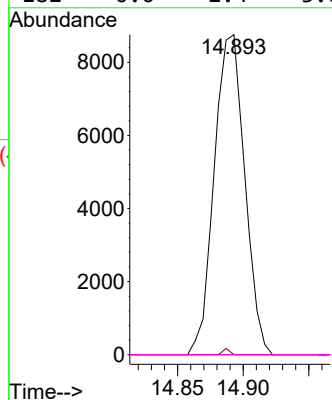
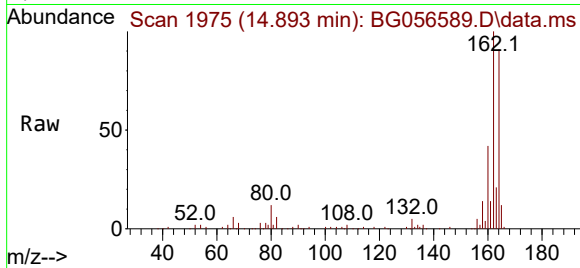
Ion Ratio Lower Upper

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: BG056589.D

Acq: 8 Feb 2023 20:00

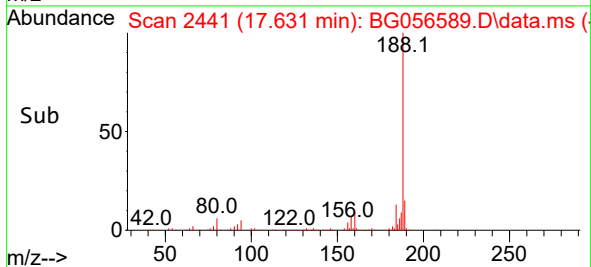
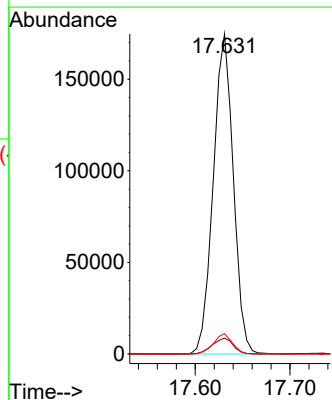
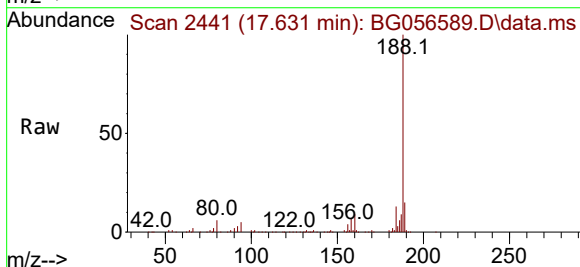
Tgt Ion:188 Resp: 255933

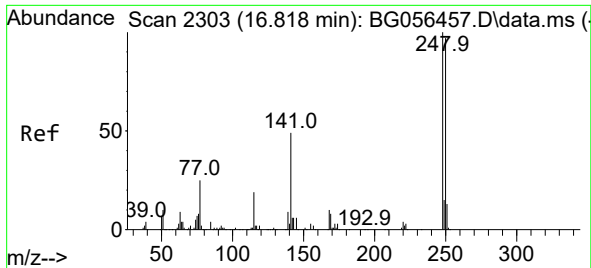
Ion Ratio Lower Upper

188 100

94 5.0 4.1 6.1

80 6.4 5.0 7.4

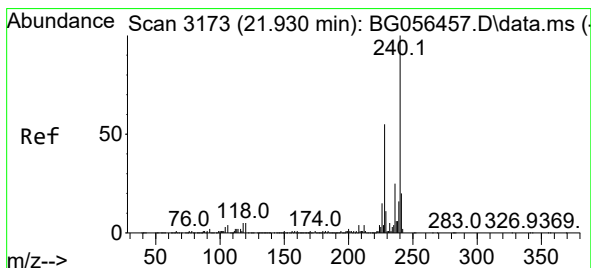
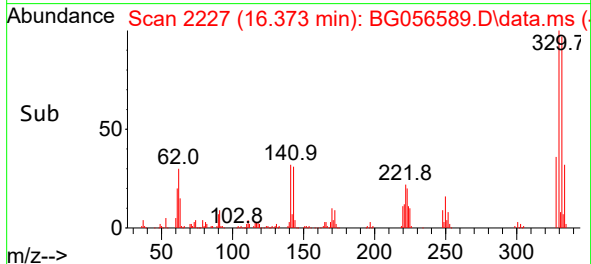
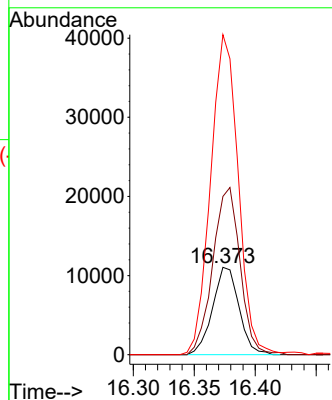
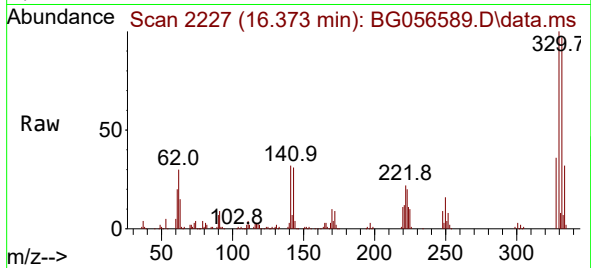




#67
4-Bromophenyl-phenylether
Concen: 5.088 ng
RT: 16.373 min Scan# 21
Delta R.T. -0.433 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

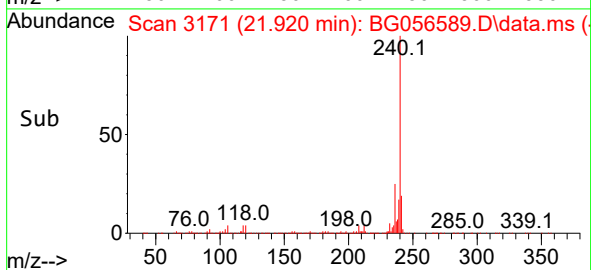
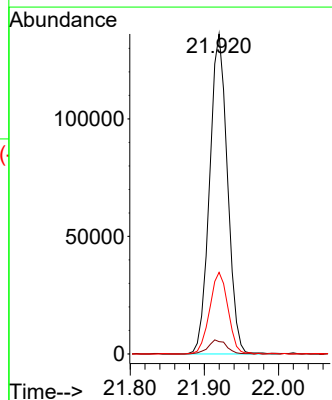
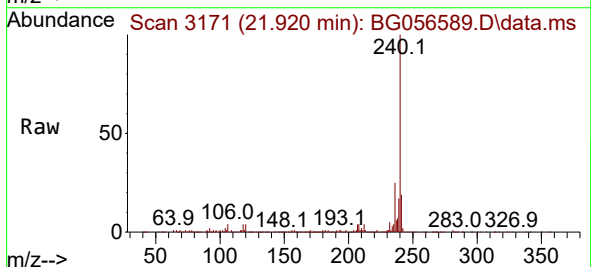
Instrument :
BNA_G
ClientSampleId :
COMP-1

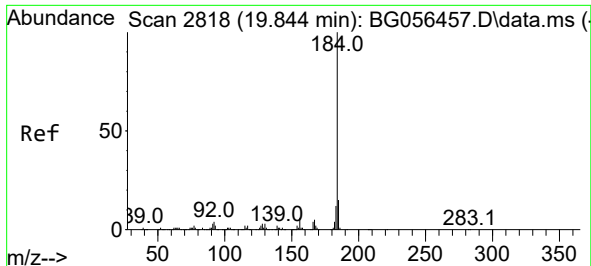
Tgt Ion:248 Resp: 16670
Ion Ratio Lower Upper
248 100
250 181.2 77.6 116.4#
141 366.3 39.0 58.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3171
Delta R.T. -0.004 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

Tgt Ion:240 Resp: 227463
Ion Ratio Lower Upper
240 100
120 3.9 3.8 5.8
236 25.5 20.2 30.2

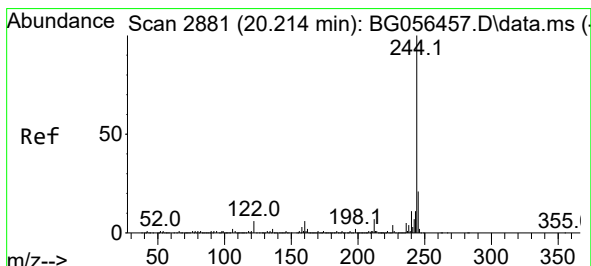
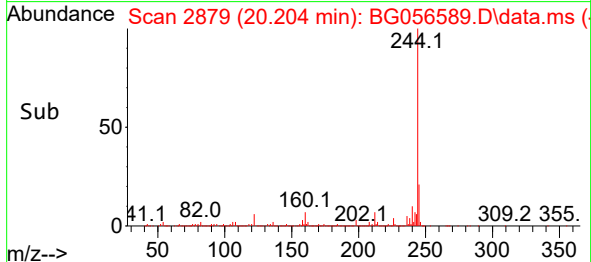
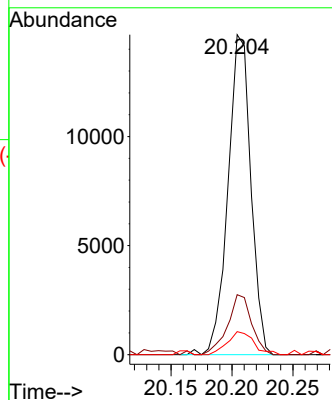
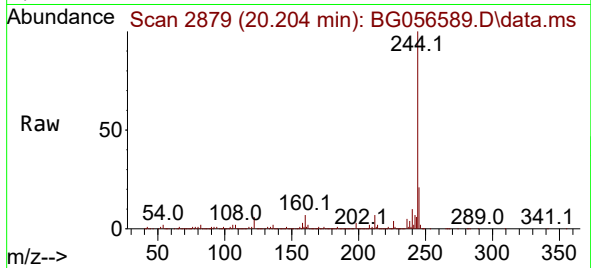




#77
Benzidine
Concen: 3.109 ng
RT: 20.204 min Scan# 21
Delta R.T. 0.372 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

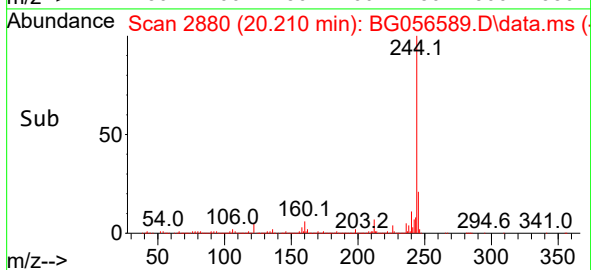
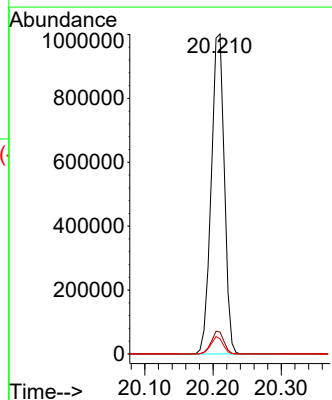
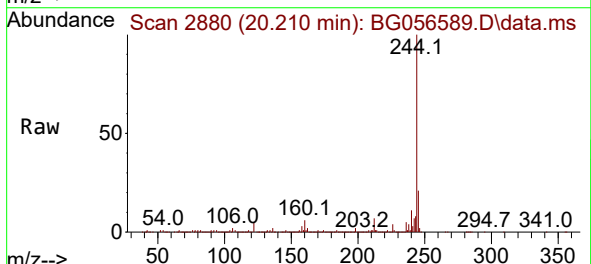
Instrument :
BNA_G
ClientSampleId :
COMP-1

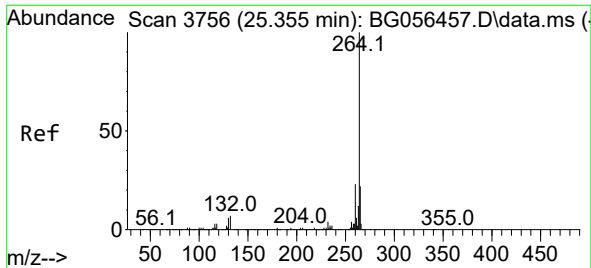
Tgt Ion:184 Resp: 19137
Ion Ratio Lower Upper
184 100
185 18.7 12.3 18.5#
183 7.2 9.8 14.8#



#79
Terphenyl-d14
Concen: 103.638 ng
RT: 20.210 min Scan# 2880
Delta R.T. 0.002 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

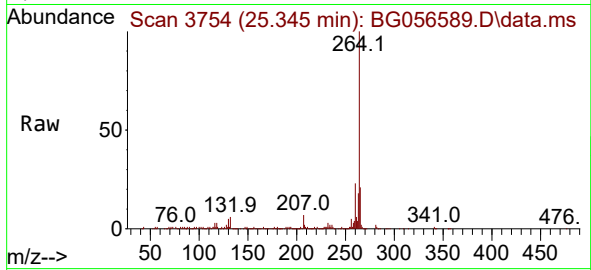
Tgt Ion:244 Resp: 1342193
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 4.8 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.345 min Scan# 31
 Delta R.T. 0.008 min
 Lab File: BG056589.D
 Acq: 8 Feb 2023 20:00

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1



Tgt Ion:264 Resp: 218553
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.4
 265 21.4 18.1 27.1

