

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056284.D
 Acq On : 13 Jan 2023 19:19
 Operator : CG/JU
 Sample : 01140-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-5

Quant Time: Jan 16 00:24:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

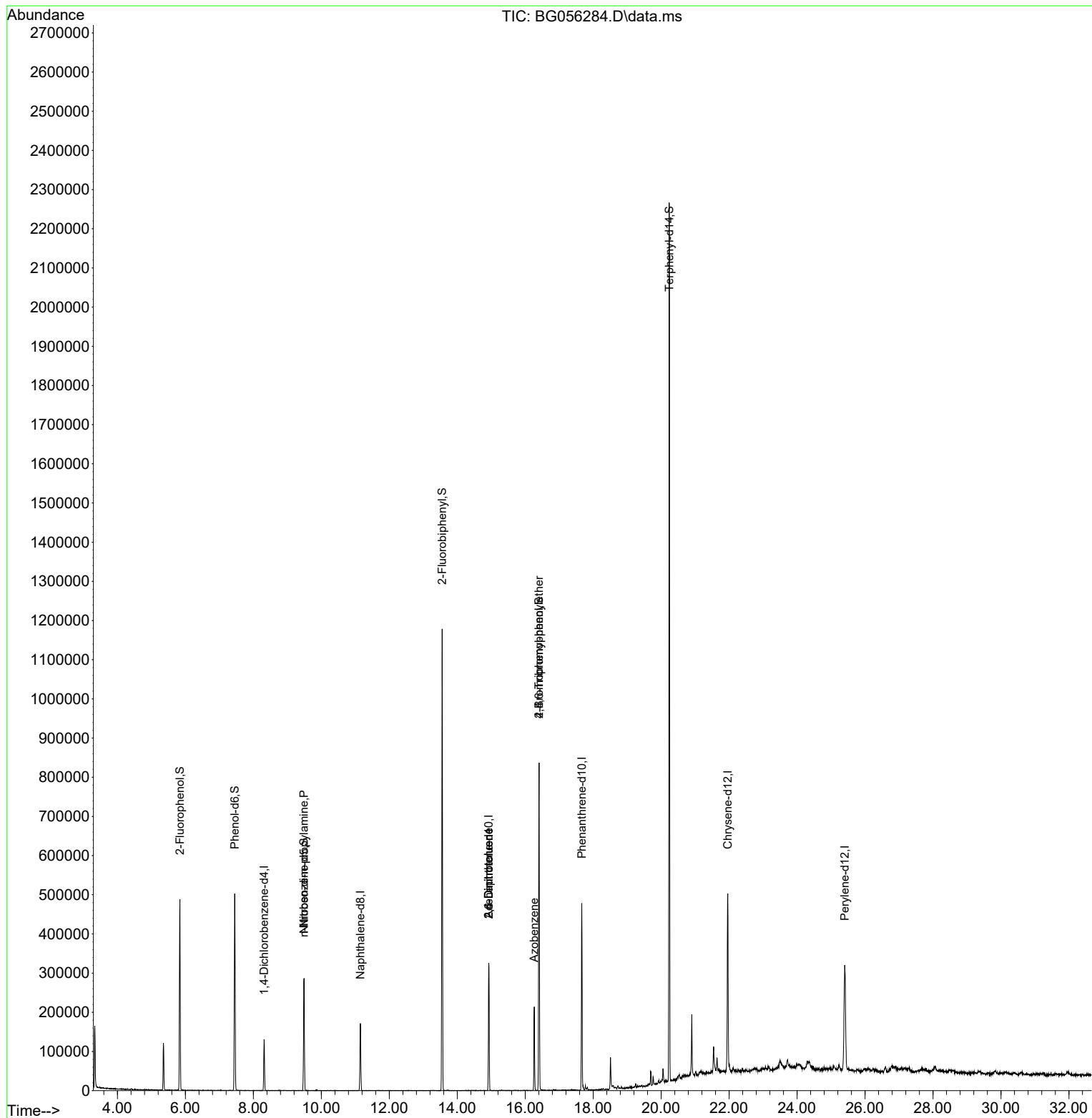
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	40620	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	155354	20.000	ng	# 0.00
39) Acenaphthene-d10	14.927	164	130093	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	328820	20.000	ng	0.00
76) Chrysene-d12	21.960	240	314632	20.000	ng	0.00
86) Perylene-d12	25.403	264	335640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	271122	119.175	ng	0.01
7) Phenol-d6	7.453	99	390816	111.861	ng	0.00
23) Nitrobenzene-d5	9.492	82	207821	68.427	ng	0.00
42) 2,4,6-Tribromophenol	16.407	330	171661	104.188	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	655757	69.607	ng	0.00
79) Terphenyl-d14	20.238	244	1220205	69.460	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.486	70	26210	12.337	ng	# 77
51) 2,6-Dinitrotoluene	14.927	165	16565	7.402	ng	# 31
57) 2,4-Dinitrotoluene	14.927	165	16565	5.293	ng	# 28
63) Azobenzene	16.266	77	55941	7.361	ng	# 1
67) 4-Bromophenyl-phenylether	16.407	248	14451	3.451	ng	# 1

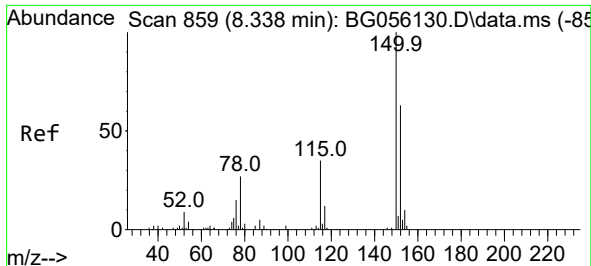
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

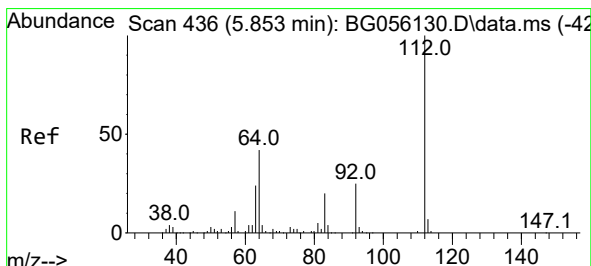
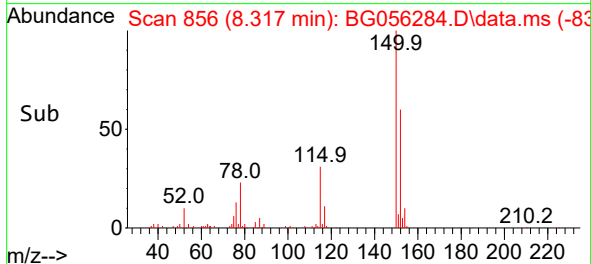
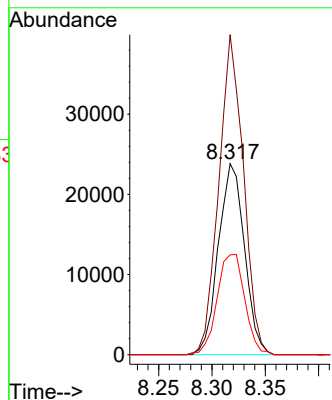
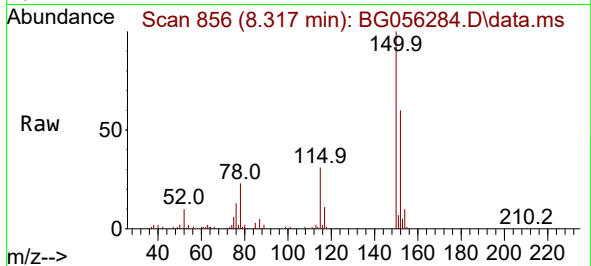




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 8
Delta R.T. -0.000 min
Lab File: BG056284.D
Acq: 13 Jan 2023 19:19

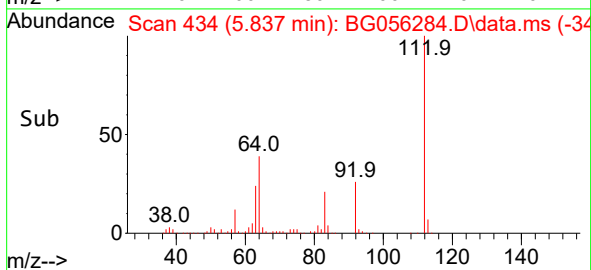
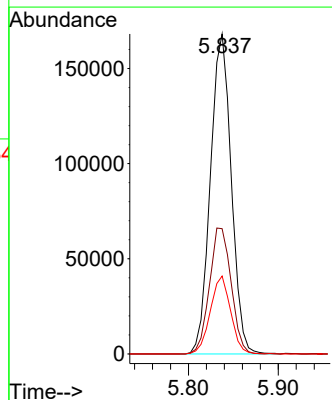
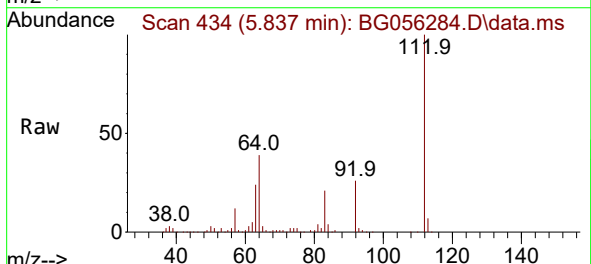
Instrument :
BNA_G
ClientSampleId :
MH-5

Tgt Ion:152 Resp: 40620
Ion Ratio Lower Upper
152 100
150 167.5 127.9 191.9
115 52.3 44.2 66.2



#5
2-Fluorophenol
Concen: 119.175 ng
RT: 5.837 min Scan# 434
Delta R.T. 0.012 min
Lab File: BG056284.D
Acq: 13 Jan 2023 19:19

Tgt Ion:112 Resp: 271122
Ion Ratio Lower Upper
112 100
64 39.2 33.3 49.9
63 24.3 19.0 28.4

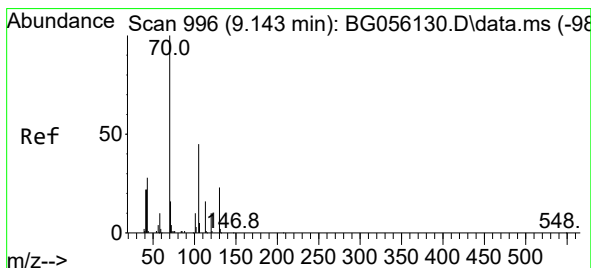
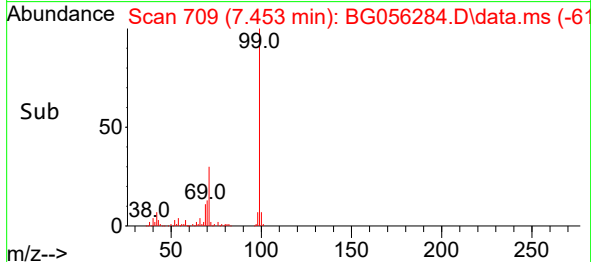
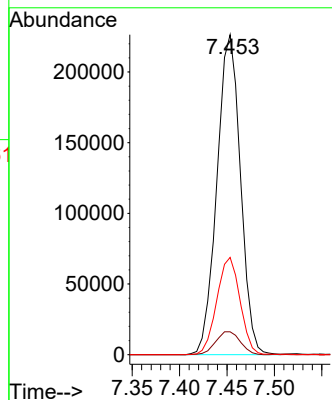
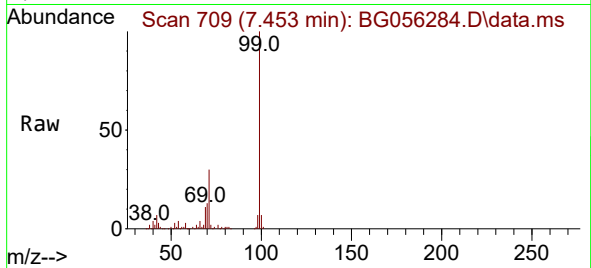




#7
Phenol-d6
Concen: 111.861 ng
RT: 7.453 min Scan# 70
Delta R.T. 0.006 min
Lab File: BG056284.D
Acq: 13 Jan 2023 19:19

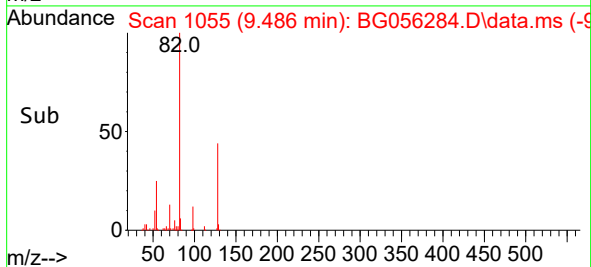
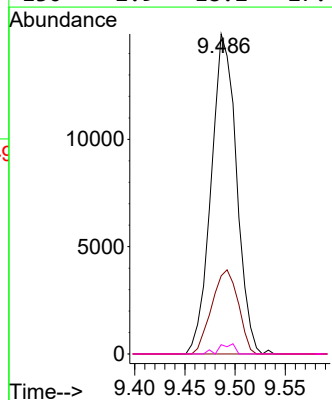
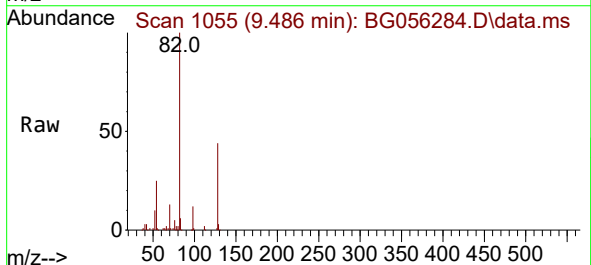
Instrument :
BNA_G
ClientSampleId :
MH-5

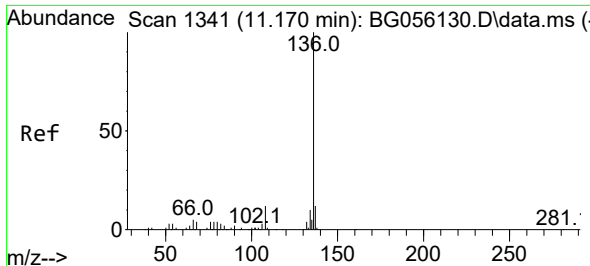
Tgt Ion: 99 Resp: 390816
Ion Ratio Lower Upper
99 100
42 7.1 5.9 8.9
71 30.4 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.337 ng
RT: 9.486 min Scan# 1055
Delta R.T. 0.370 min
Lab File: BG056284.D
Acq: 13 Jan 2023 19:19

Tgt Ion: 70 Resp: 26210
Ion Ratio Lower Upper
70 100
42 24.4 18.2 27.2
101 0.0 8.3 12.5#
130 2.9 18.2 27.4#

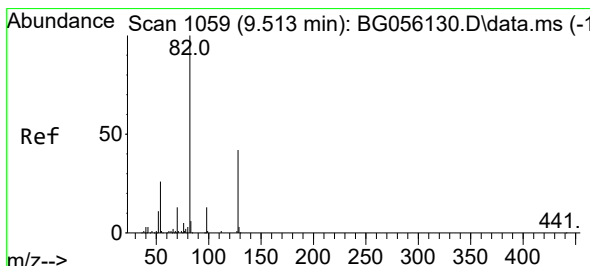
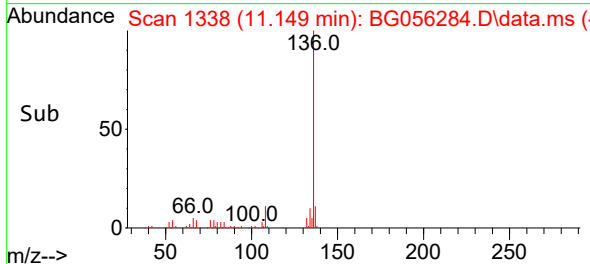
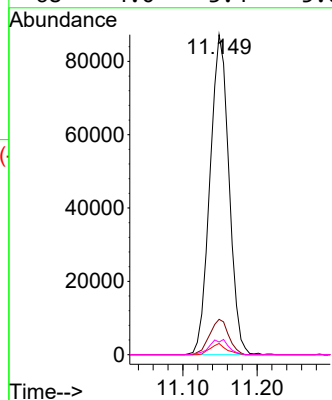
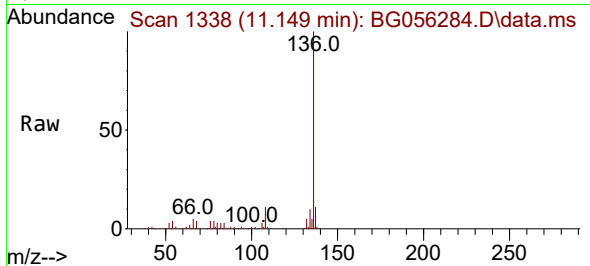




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.149 min Scan# 111
Delta R.T. 0.000 min
Lab File: BG056284.D
Acq: 13 Jan 2023 19:19

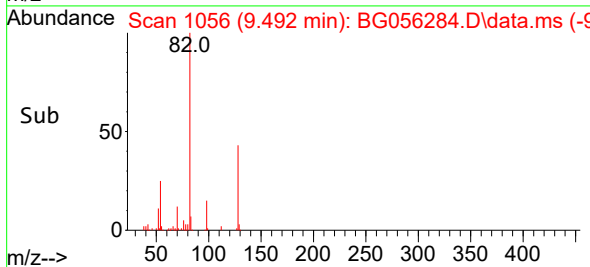
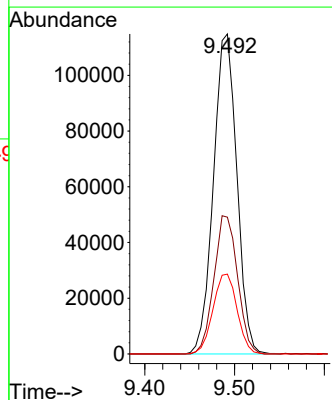
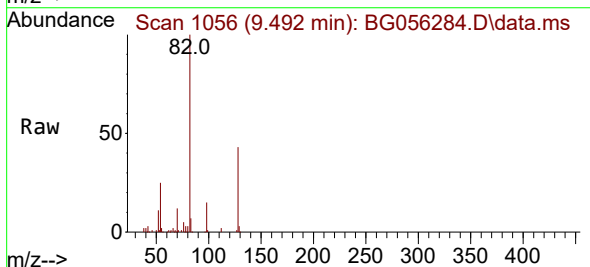
Instrument :
BNA_G
ClientSampleId :
MH-5

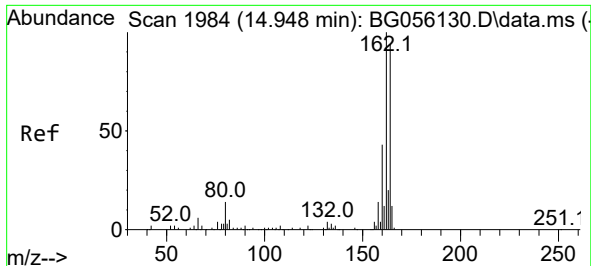
Tgt Ion:136 Resp: 155354
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 3.5 2.2 3.2#
68 4.0 3.4 5.0



#23
Nitrobenzene-d5
Concen: 68.427 ng
RT: 9.492 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BG056284.D
Acq: 13 Jan 2023 19:19

Tgt Ion: 82 Resp: 207821
Ion Ratio Lower Upper
82 100
128 42.7 33.4 50.2
54 24.9 20.3 30.5

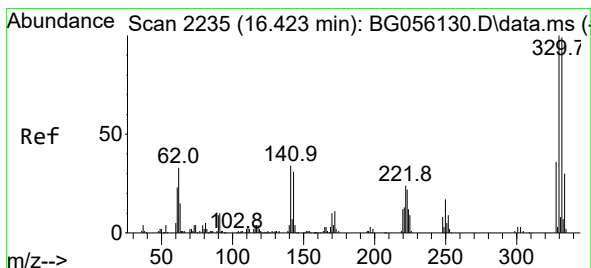
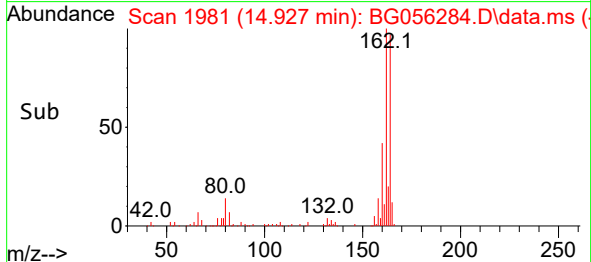
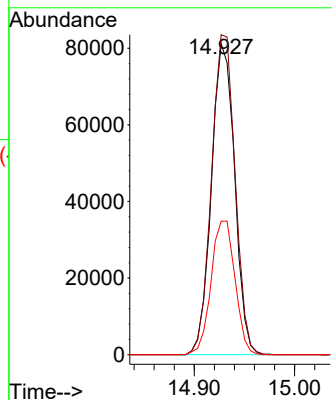
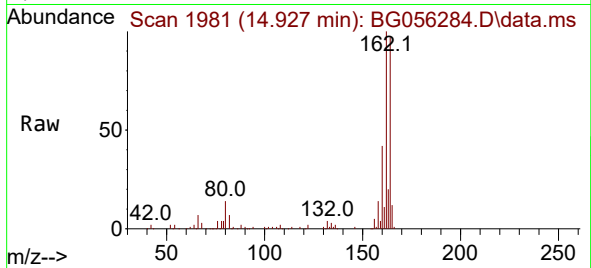




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.927 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BG056284.D
Acq: 13 Jan 2023 19:19

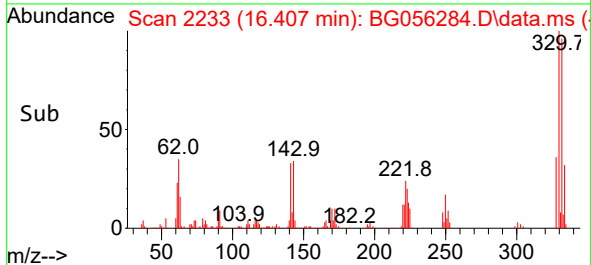
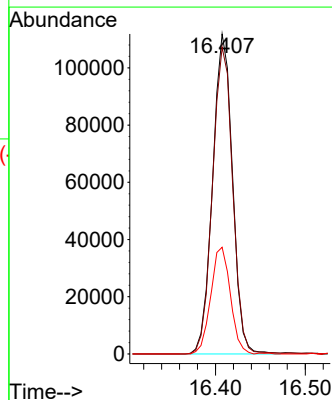
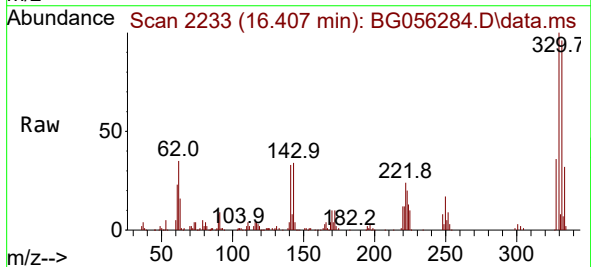
Instrument :
BNA_G
ClientSampleId :
MH-5

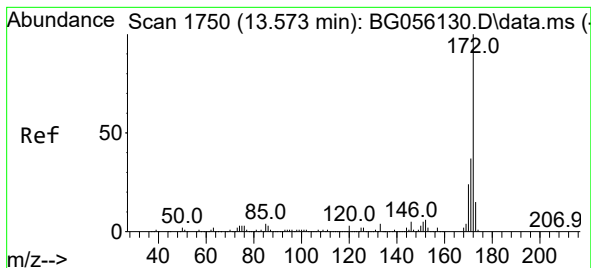
Tgt Ion:164 Resp: 130093
Ion Ratio Lower Upper
164 100
162 102.9 84.7 127.1
160 42.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 104.188 ng
RT: 16.407 min Scan# 2233
Delta R.T. 0.000 min
Lab File: BG056284.D
Acq: 13 Jan 2023 19:19

Tgt Ion:330 Resp: 171661
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 32.9 27.9 41.9





#45

2-Fluorobiphenyl

Concen: 69.607 ng

RT: 13.558 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG056284.D

Acq: 13 Jan 2023 19:19

Instrument :

BNA_G

ClientSampleId :

MH-5

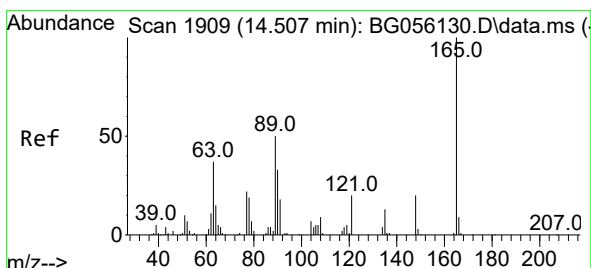
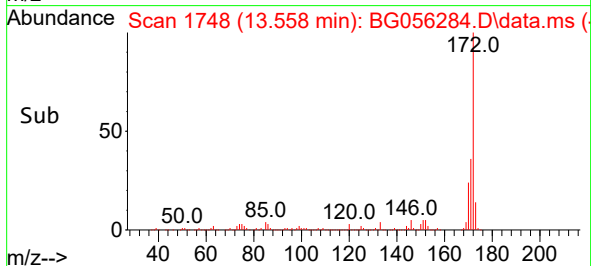
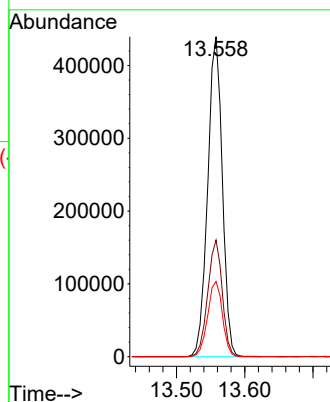
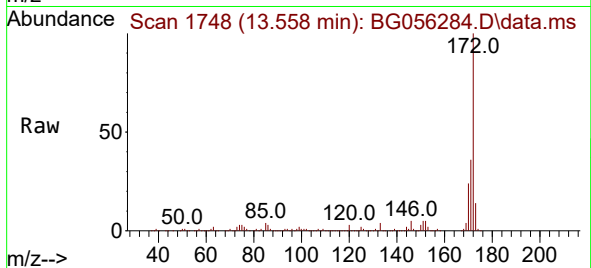
Tgt Ion:172 Resp: 655757

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

170 23.5 19.4 29.2



#51

2,6-Dinitrotoluene

Concen: 7.402 ng

RT: 14.927 min Scan# 1981

Delta R.T. 0.435 min

Lab File: BG056284.D

Acq: 13 Jan 2023 19:19

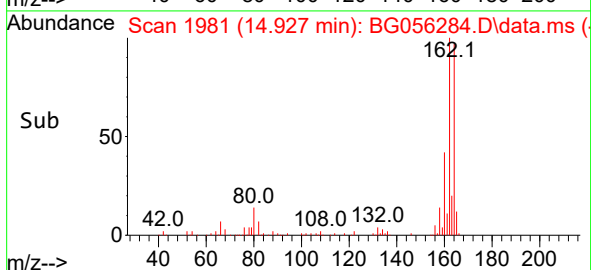
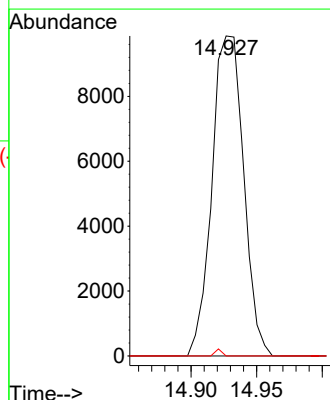
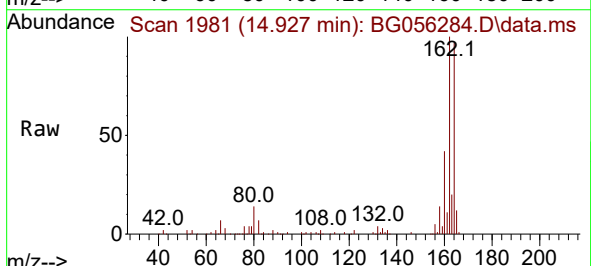
Tgt Ion:165 Resp: 16565

Ion Ratio Lower Upper

165 100

63 0.0 32.2 48.2#

89 0.0 39.8 59.8#

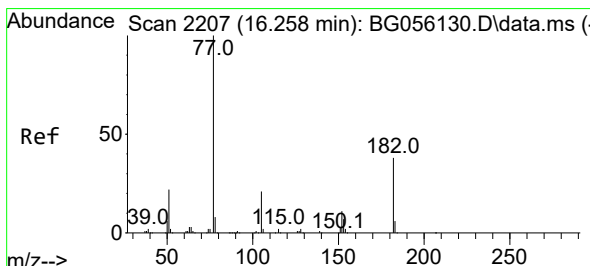
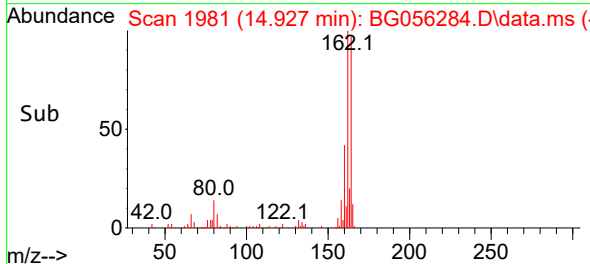
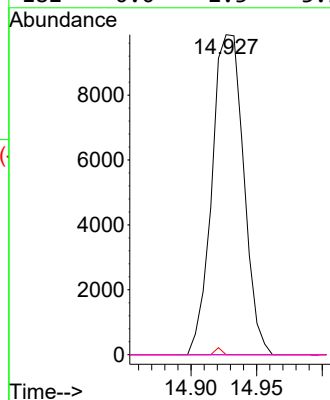
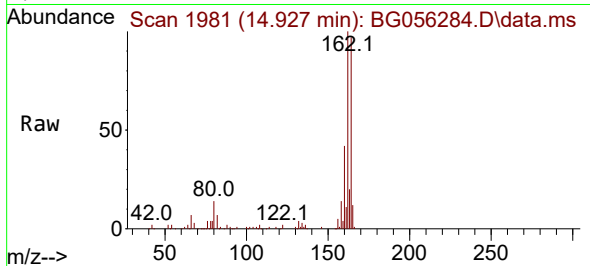




#57
2,4-Dinitrotoluene
Concen: 5.293 ng
RT: 14.927 min Scan# 1981
Delta R.T. -0.347 min
Lab File: BG056284.D
Acq: 13 Jan 2023 19:19

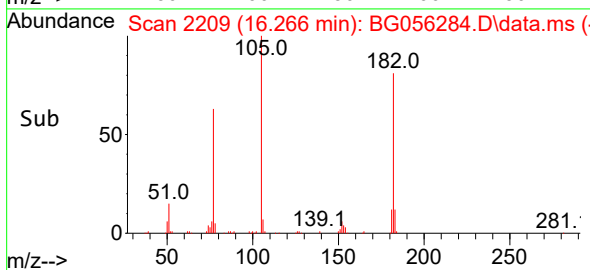
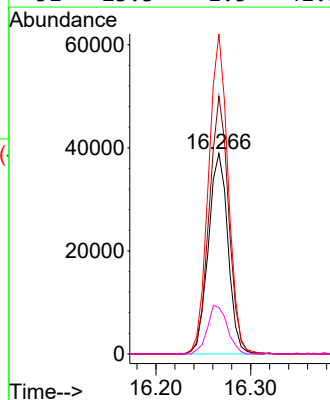
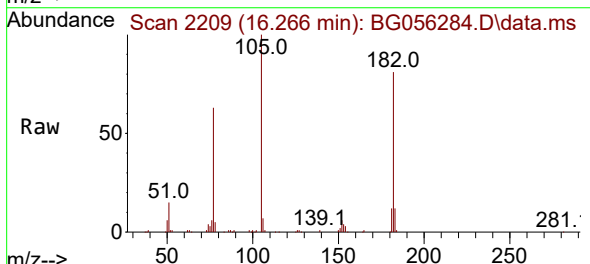
Instrument :
BNA_G
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MH-5

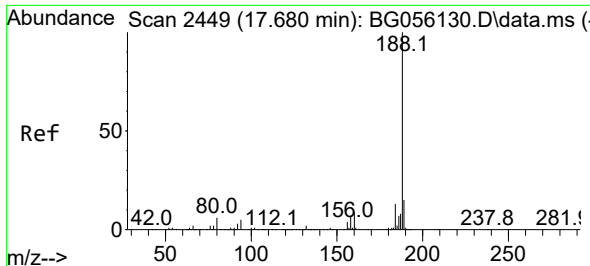
Tgt Ion:165 Resp: 16565
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#63
Azobenzene
Concen: 7.361 ng
RT: 16.266 min Scan# 2209
Delta R.T. 0.024 min
Lab File: BG056284.D
Acq: 13 Jan 2023 19:19

Tgt Ion: 77 Resp: 55941
Ion Ratio Lower Upper
77 100
182 128.5 18.5 58.5#
105 159.6 1.4 41.4#
51 23.3 1.5 41.5

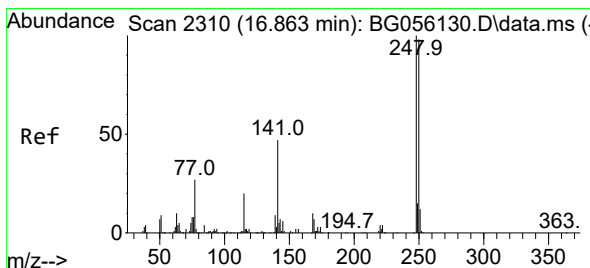
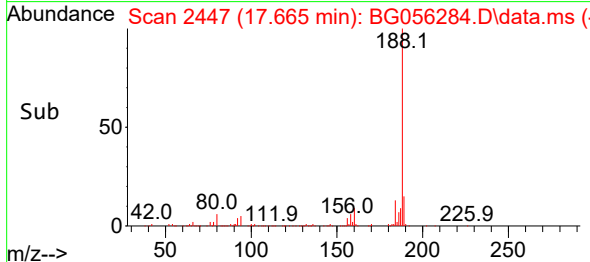
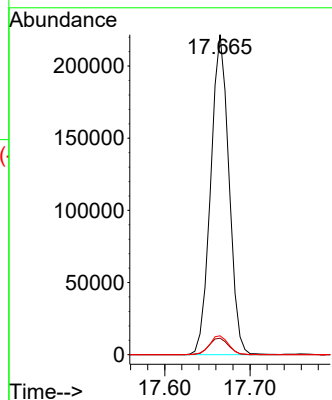
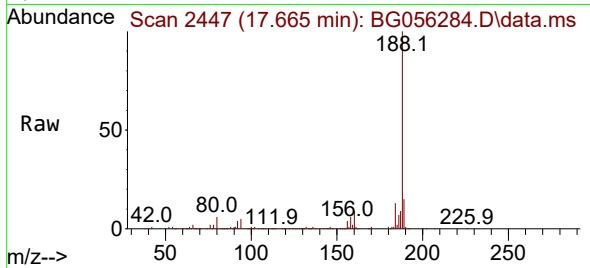




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.665 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BG056284.D
Acq: 13 Jan 2023 19:19

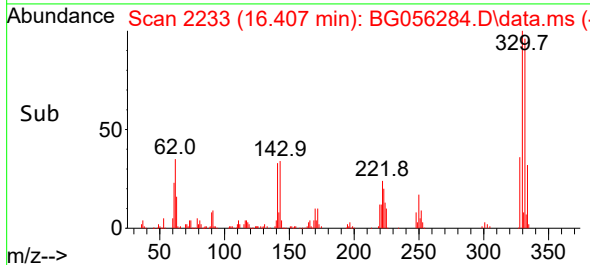
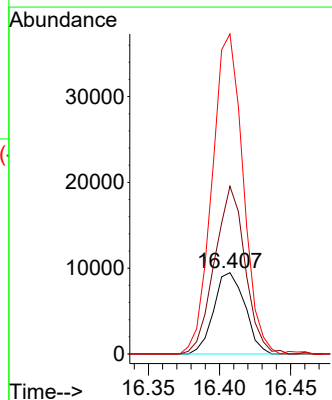
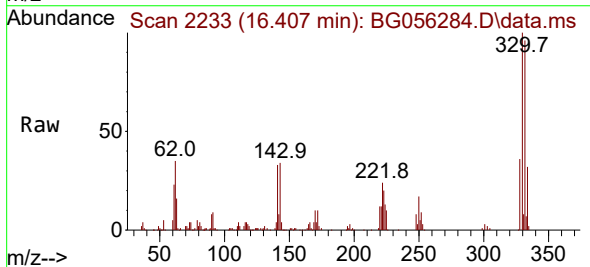
Instrument :
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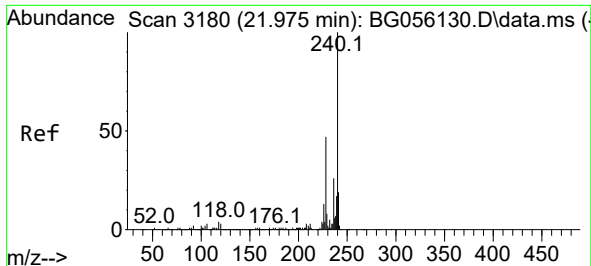
Tgt Ion:188 Resp: 328820
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 5.9 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 3.451 ng
RT: 16.407 min Scan# 2233
Delta R.T. -0.441 min
Lab File: BG056284.D
Acq: 13 Jan 2023 19:19

Tgt Ion:248 Resp: 14451
Ion Ratio Lower Upper
248 100
250 206.1 78.2 117.4#
141 393.4 37.6 56.4#

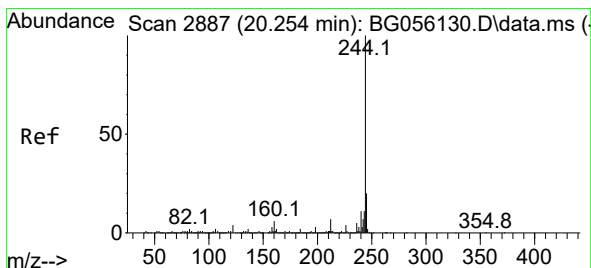
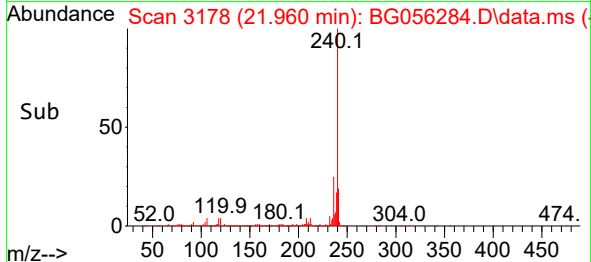
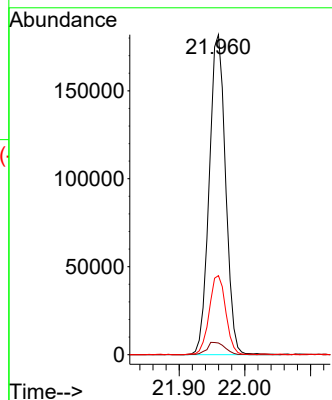
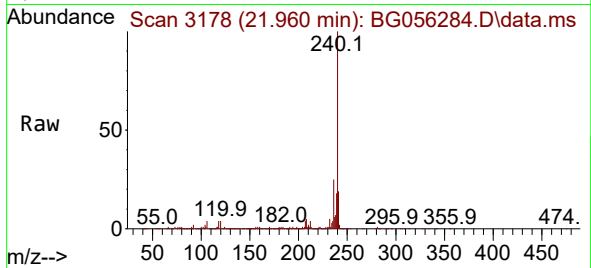




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.960 min Scan# 3180
Delta R.T. 0.000 min
Lab File: BG056284.D
Acq: 13 Jan 2023 19:19

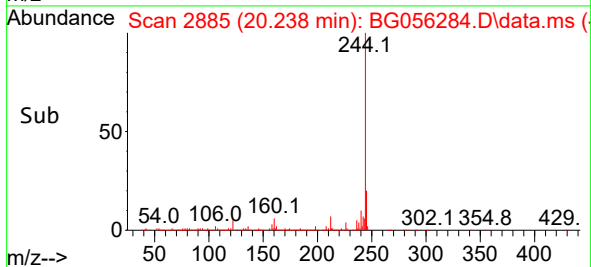
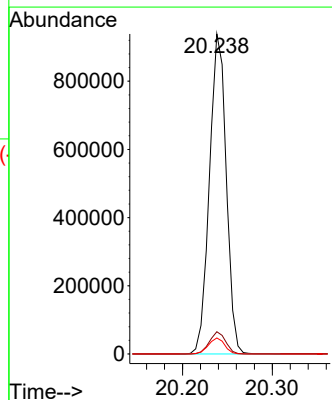
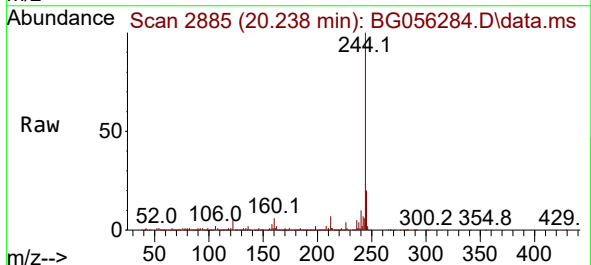
Instrument :
BNA_G
ClientSampleId :
MH-5

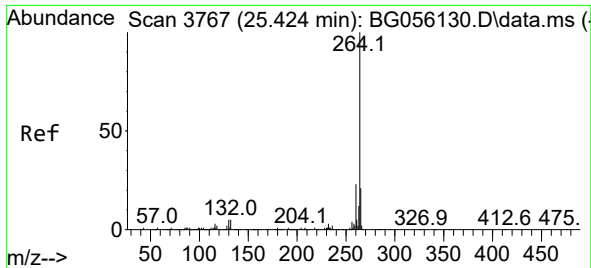
Tgt Ion:240 Resp: 314632
Ion Ratio Lower Upper
240 100
120 3.7 2.6 4.0
236 24.7 20.8 31.2



#79
Terphenyl-d14
Concen: 69.460 ng
RT: 20.238 min Scan# 2885
Delta R.T. 0.000 min
Lab File: BG056284.D
Acq: 13 Jan 2023 19:19

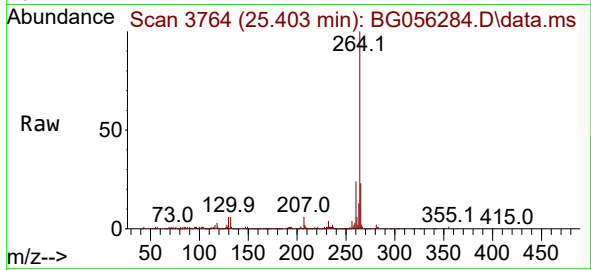
Tgt Ion:244 Resp: 1220205
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 5.0 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.403 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BG056284.D
 Acq: 13 Jan 2023 19:19

Instrument :
 BNA_G
 ClientSampleId :
 MH-5



Tgt Ion:264 Resp: 335640
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 23.1 16.7 25.1

