

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
 Data File : BG056422.D
 Acq On : 25 Jan 2023 13:14
 Operator : CG/JU
 Sample : 01252-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-9

Quant Time: Jan 26 01:11:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

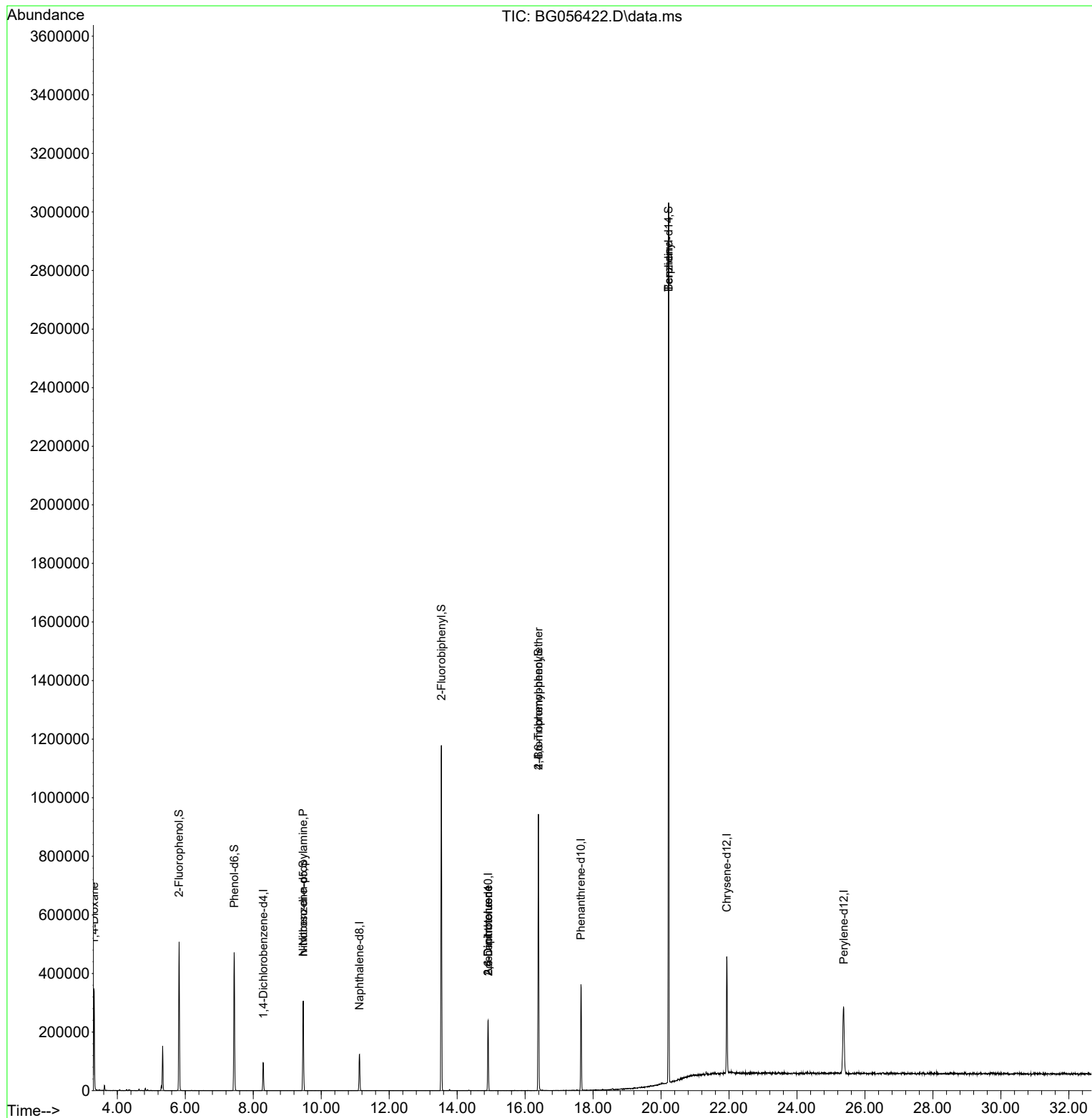
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.296	152	33572	20.000	ng	0.00
21) Naphthalene-d8	11.128	136	122006	20.000	ng	0.00
39) Acenaphthene-d10	14.912	164	94966	20.000	ng	0.00
64) Phenanthrene-d10	17.644	188	262600	20.000	ng	0.00
76) Chrysene-d12	21.933	240	267621	20.000	ng	# 0.00
86) Perylene-d12	25.376	264	284196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	288101	153.224	ng	0.00
7) Phenol-d6	7.439	99	368180	127.506	ng	0.00
23) Nitrobenzene-d5	9.471	82	216845	90.913	ng	0.00
42) 2,4,6-Tribromophenol	16.393	330	209509	174.195	ng	0.00
45) 2-Fluorobiphenyl	13.537	172	698173	101.521	ng	0.00
79) Terphenyl-d14	20.224	244	1587207	106.224	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.314	88	3298	3.840	ng	# 1
19) n-Nitroso-di-n-propyla...	9.471	70	26299	14.978	ng	# 73
51) 2,6-Dinitrotoluene	14.912	165	12209	7.474	ng	# 33
57) 2,4-Dinitrotoluene	14.912	165	12209	5.344	ng	# 30
67) 4-Bromophenyl-phenylether	16.393	248	16394	4.903	ng	# 1
77) Benzidine	20.224	184	21997	2.345	ng	# 86

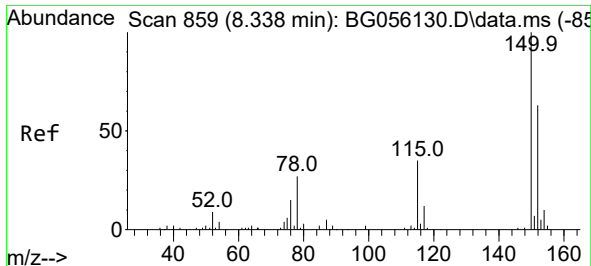
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
Data File : BG056422.D
Acq On : 25 Jan 2023 13:14
Operator : CG/JU
Sample : 01252-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-9

Quant Time: Jan 26 01:11:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 04:54:56 2023
Response via : Initial Calibration

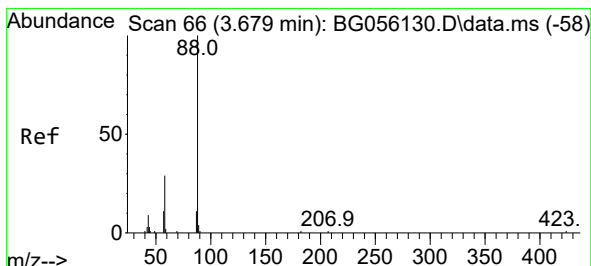
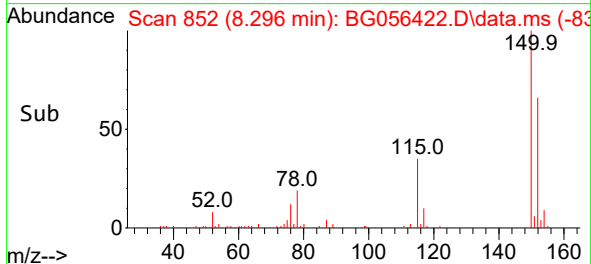
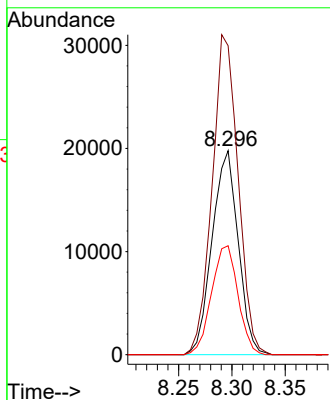
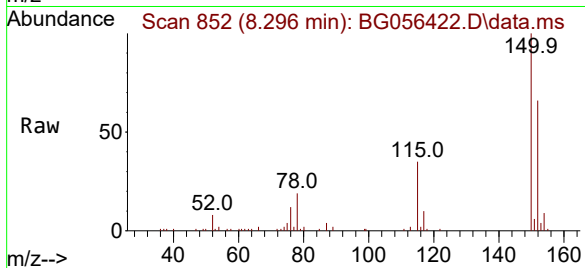




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.296 min Scan# 8
Delta R.T. 0.003 min
Lab File: BG056422.D
Acq: 25 Jan 2023 13:14

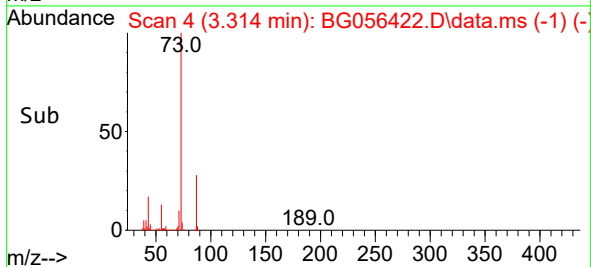
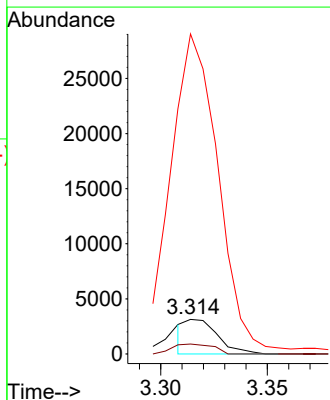
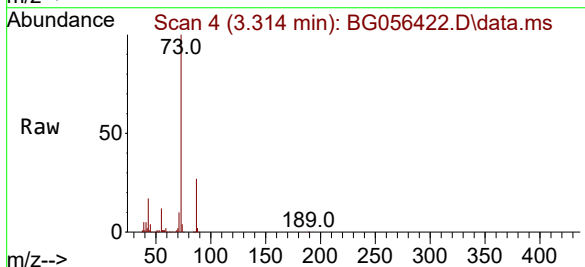
Instrument :
BNA_G
ClientSampleId :
MH-9

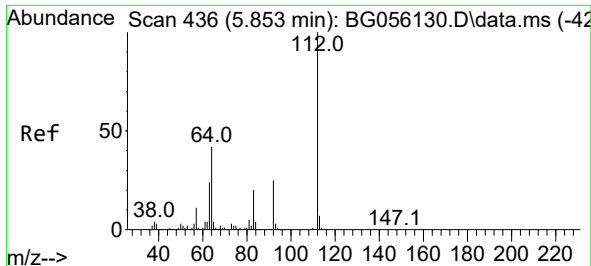
Tgt Ion:152 Resp: 33572
Ion Ratio Lower Upper
152 100
150 151.5 127.9 191.9
115 53.5 44.2 66.2



#2
1,4-Dioxane
Concen: 3.840 ng
RT: 3.314 min Scan# 4
Delta R.T. -0.302 min
Lab File: BG056422.D
Acq: 25 Jan 2023 13:14

Tgt Ion: 88 Resp: 3298
Ion Ratio Lower Upper
88 100
58 25.3 21.4 32.0
43 919.7 7.1 10.7#

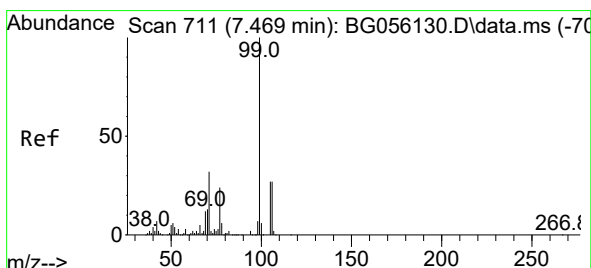
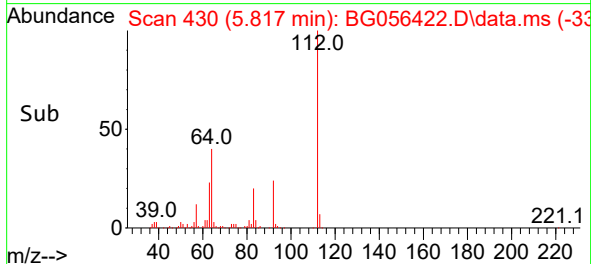
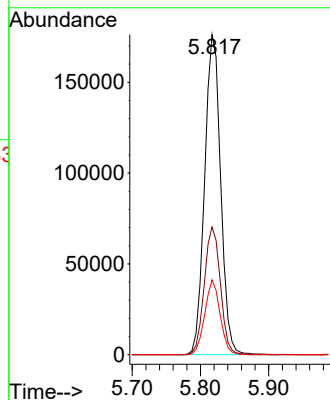
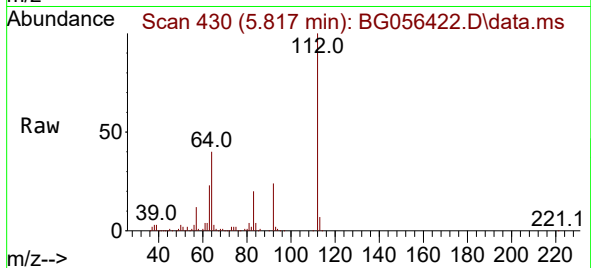




#5
2-Fluorophenol
Concen: 153.224 ng
RT: 5.817 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG056422.D
Acq: 25 Jan 2023 13:14

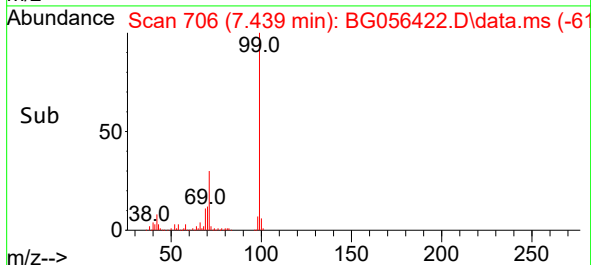
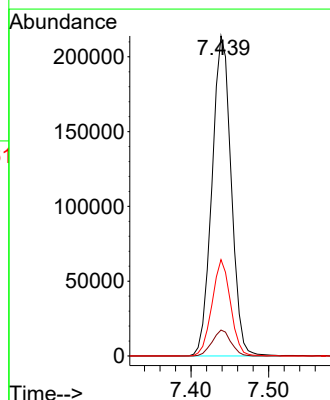
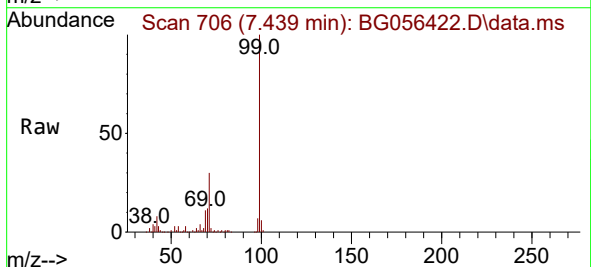
Instrument :
BNA_G
ClientSampleId :
MH-9

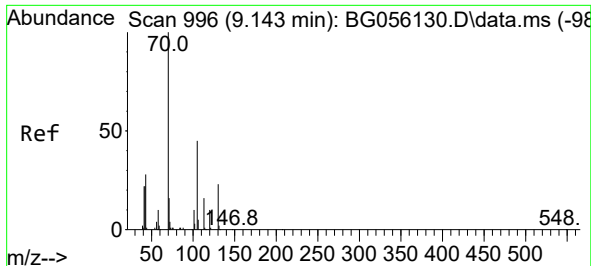
Tgt Ion:112 Resp: 288101
Ion Ratio Lower Upper
112 100
64 39.9 33.3 49.9
63 23.4 19.0 28.4



#7
Phenol-d6
Concen: 127.506 ng
RT: 7.439 min Scan# 706
Delta R.T. 0.003 min
Lab File: BG056422.D
Acq: 25 Jan 2023 13:14

Tgt Ion: 99 Resp: 368180
Ion Ratio Lower Upper
99 100
42 8.1 5.9 8.9
71 30.1 25.4 38.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.978 ng

RT: 9.471 min Scan# 1052

Delta R.T. 0.373 min

Lab File: BG056422.D

Acq: 25 Jan 2023 13:14

Instrument :

BNA_G

ClientSampleId :

MH-9

Tgt Ion: 70 Resp: 26299

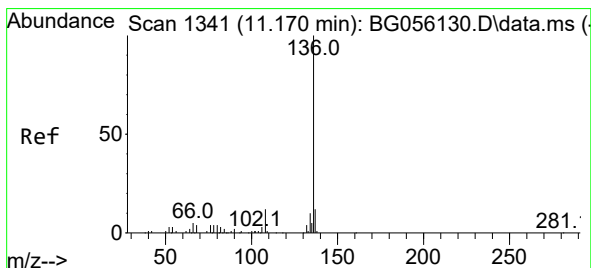
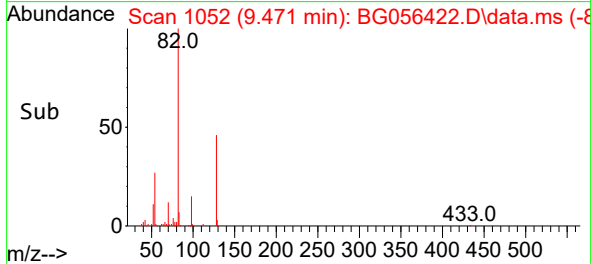
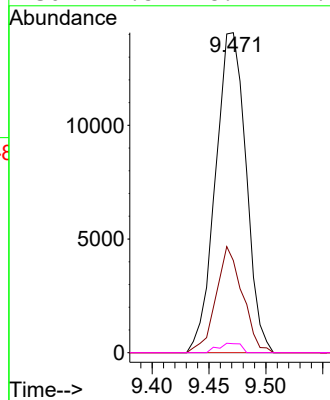
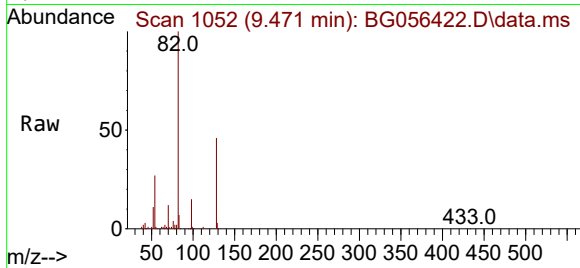
Ion Ratio Lower Upper

70 100

42 28.8 18.2 27.2#

101 0.0 8.3 12.5#

130 2.8 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.128 min Scan# 1334

Delta R.T. -0.003 min

Lab File: BG056422.D

Acq: 25 Jan 2023 13:14

Tgt Ion:136 Resp: 122006

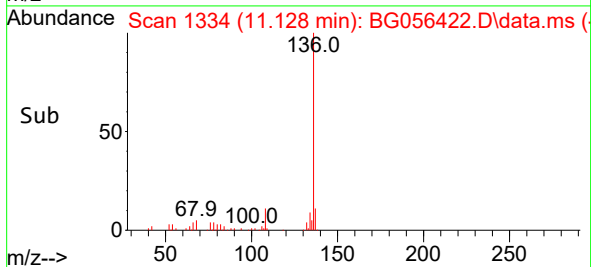
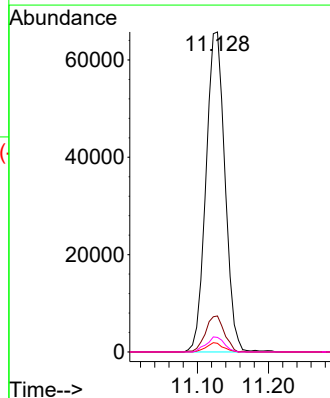
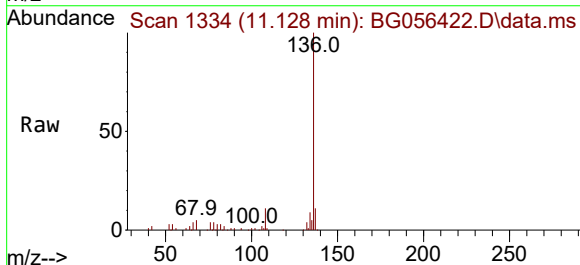
Ion Ratio Lower Upper

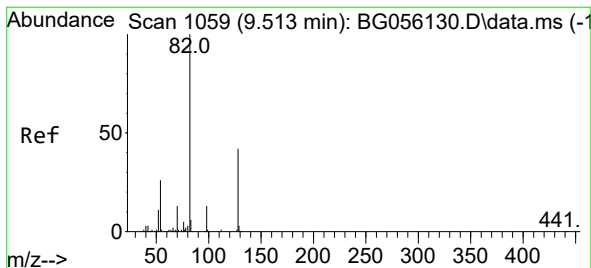
136 100

137 11.2 9.4 14.0

54 2.7 2.2 3.2

68 4.6 3.4 5.0





#23

Nitrobenzene-d5

Concen: 90.913 ng

RT: 9.471 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG056422.D

Acq: 25 Jan 2023 13:14

Instrument :

BNA_G

ClientSampleId :

MH-9

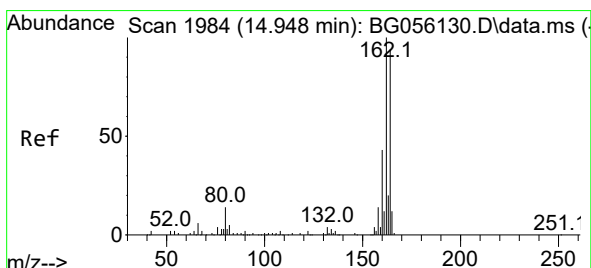
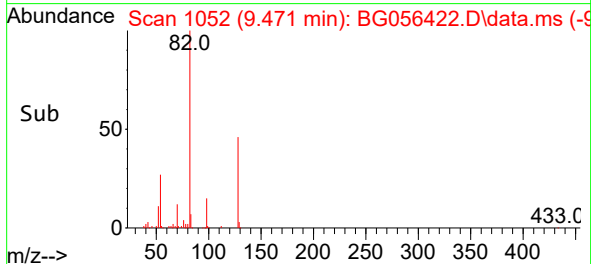
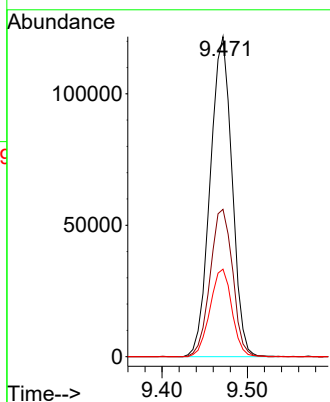
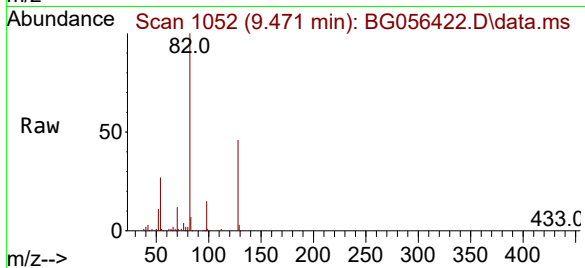
Tgt Ion: 82 Resp: 216845

Ion Ratio Lower Upper

82 100

128 46.0 33.4 50.2

54 27.3 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.912 min Scan# 1978

Delta R.T. -0.003 min

Lab File: BG056422.D

Acq: 25 Jan 2023 13:14

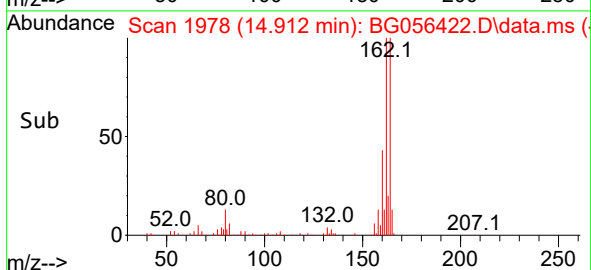
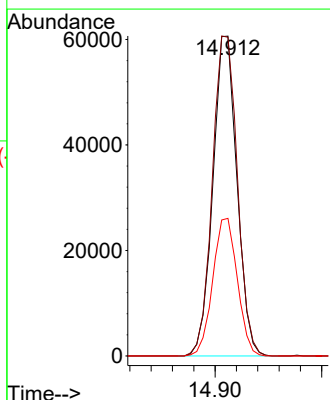
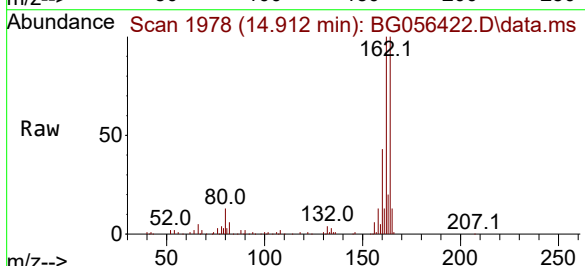
Tgt Ion: 164 Resp: 94966

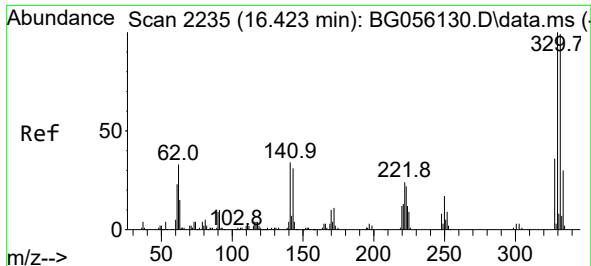
Ion Ratio Lower Upper

164 100

162 99.6 84.7 127.1

160 43.0 36.3 54.5

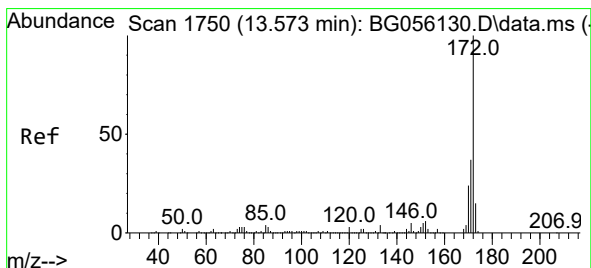
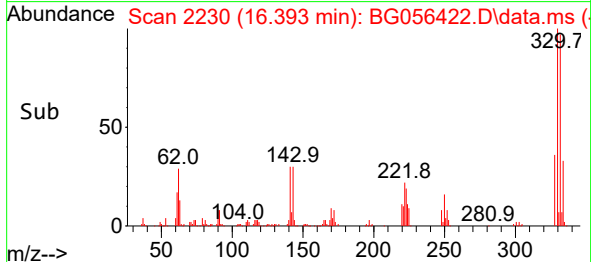
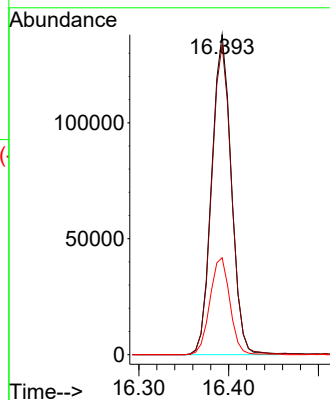
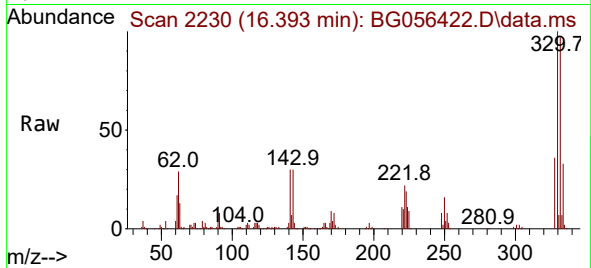




#42
 2,4,6-Tribromophenol
 Concen: 174.195 ng
 RT: 16.393 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056422.D
 Acq: 25 Jan 2023 13:14

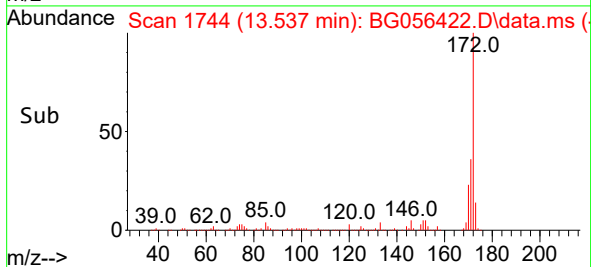
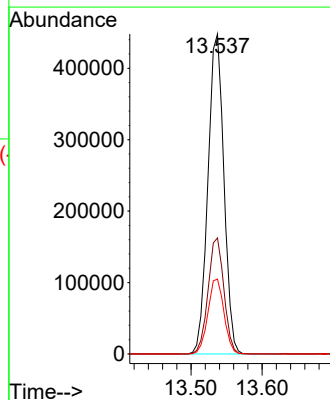
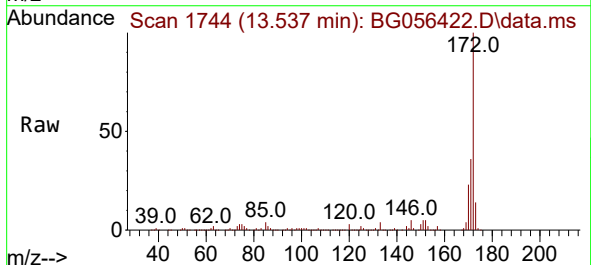
Instrument :
 BNA_G
 ClientSampleId :
 MH-9

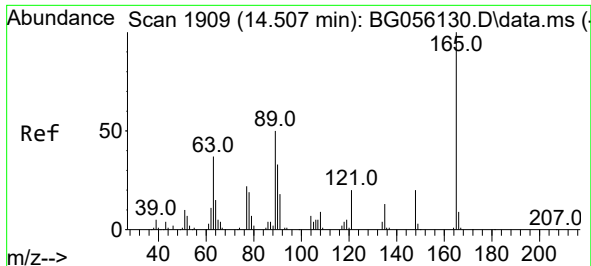
Tgt Ion:330 Resp: 209509
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.3 115.9
 141 30.8 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 101.521 ng
 RT: 13.537 min Scan# 1744
 Delta R.T. -0.003 min
 Lab File: BG056422.D
 Acq: 25 Jan 2023 13:14

Tgt Ion:172 Resp: 698173
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.4 19.4 29.2

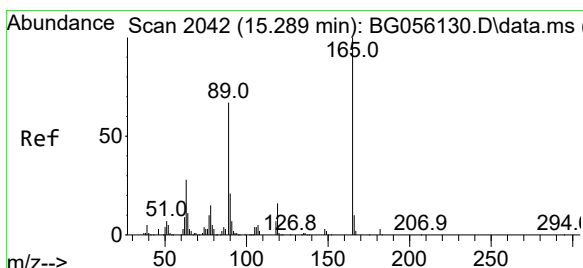
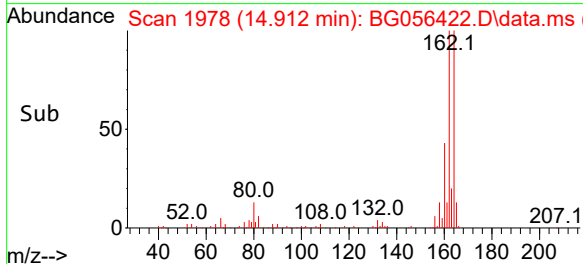
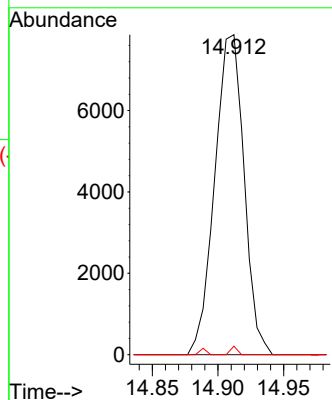
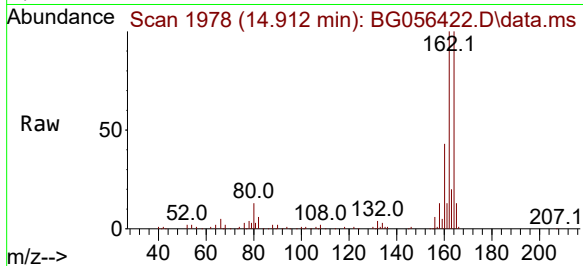




#51
2,6-Dinitrotoluene
Concen: 7.474 ng
RT: 14.912 min Scan# 1909
Delta R.T. 0.432 min
Lab File: BG056422.D
Acq: 25 Jan 2023 13:14

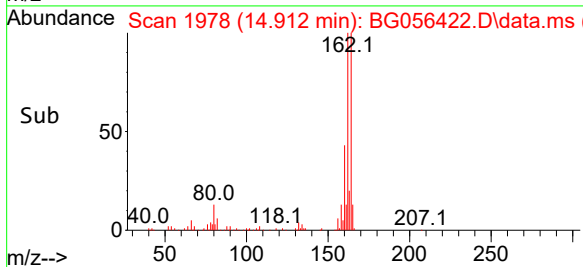
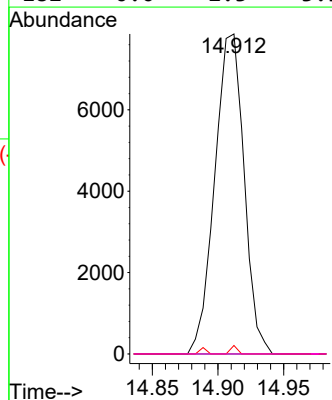
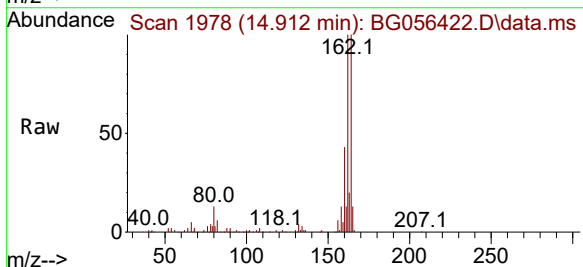
Instrument :
BNA_G
ClientSampleId :
MH-9

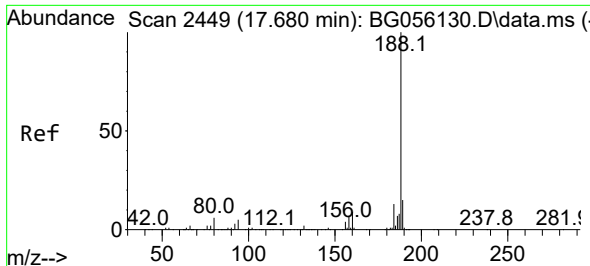
Tgt Ion:165 Resp: 12209
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 2.7 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 5.344 ng
RT: 14.912 min Scan# 1978
Delta R.T. -0.355 min
Lab File: BG056422.D
Acq: 25 Jan 2023 13:14

Tgt Ion:165 Resp: 12209
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 2.7 53.2 79.8#
182 0.0 2.3 3.5#

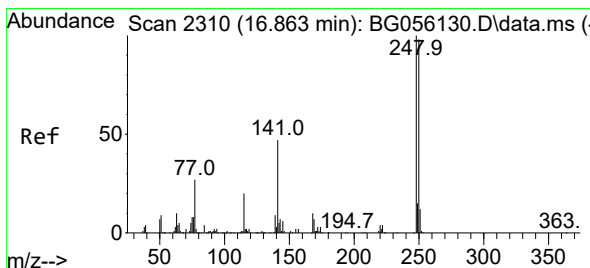
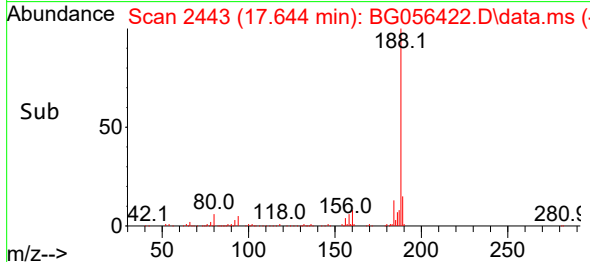
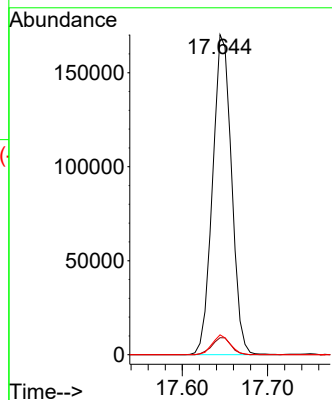
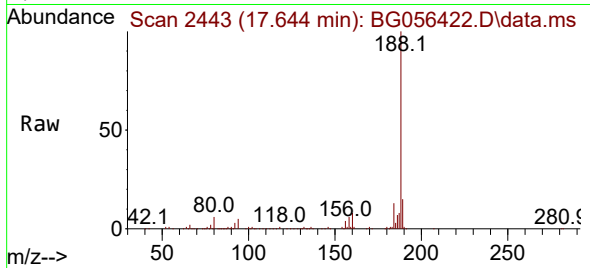




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.644 min Scan# 2449
Delta R.T. -0.009 min
Lab File: BG056422.D
Acq: 25 Jan 2023 13:14

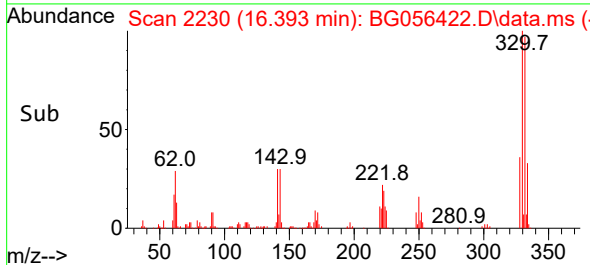
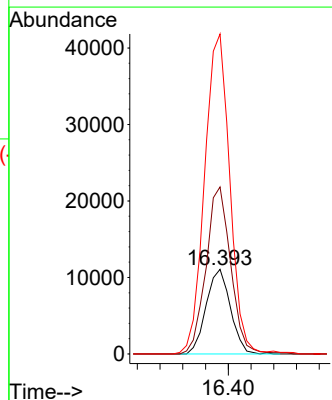
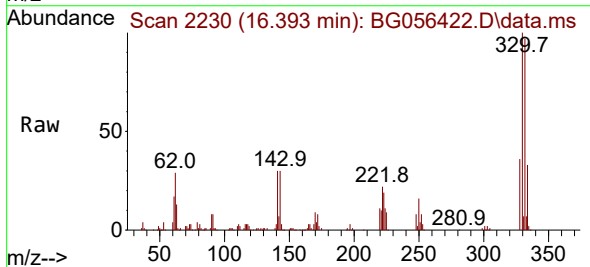
Instrument :
BNA_G
ClientSampleId :
MH-9

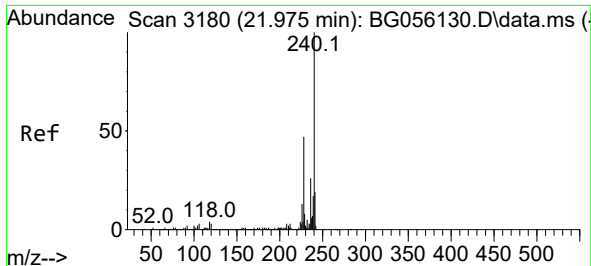
Tgt Ion:188 Resp: 262600
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 6.2 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 4.903 ng
RT: 16.393 min Scan# 2230
Delta R.T. -0.438 min
Lab File: BG056422.D
Acq: 25 Jan 2023 13:14

Tgt Ion:248 Resp: 16394
Ion Ratio Lower Upper
248 100
250 197.5 78.2 117.4#
141 378.2 37.6 56.4#

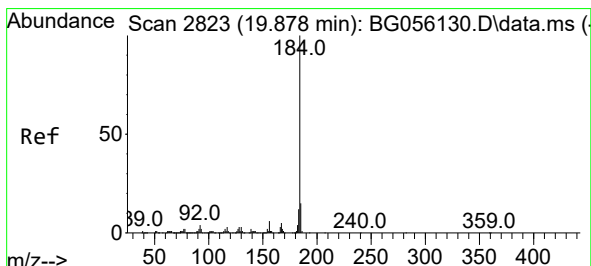
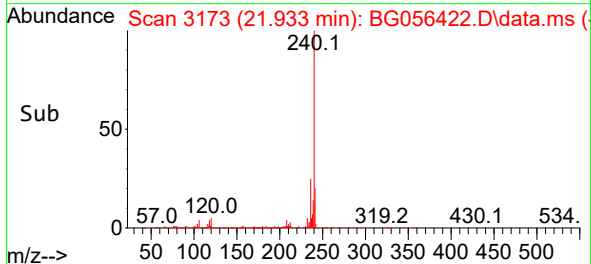
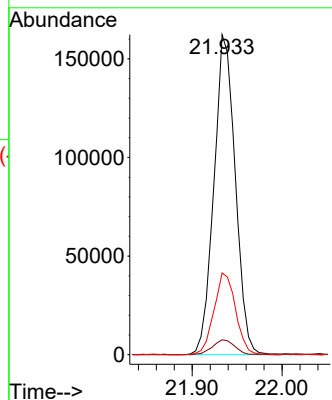
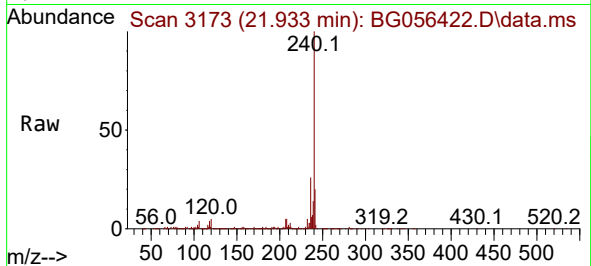




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.933 min Scan# 3180
Delta R.T. -0.009 min
Lab File: BG056422.D
Acq: 25 Jan 2023 13:14

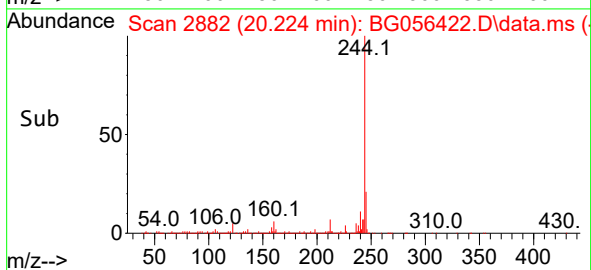
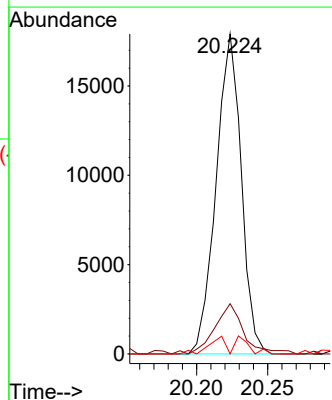
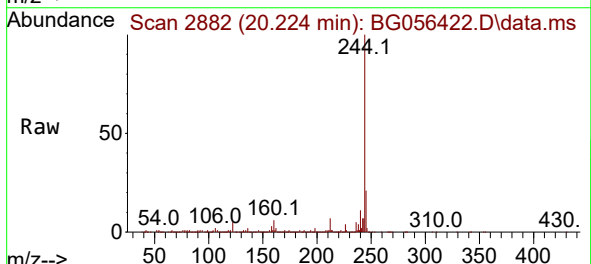
Instrument :
BNA_G
ClientSampleId :
MH-9

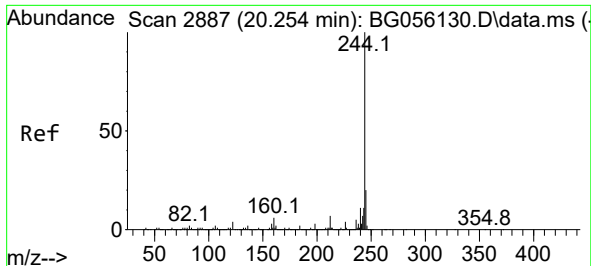
Tgt Ion:240 Resp: 267621
Ion Ratio Lower Upper
240 100
120 4.7 2.6 4.0#
236 25.6 20.8 31.2



#77
Benzidine
Concen: 2.345 ng
RT: 20.224 min Scan# 2882
Delta R.T. 0.373 min
Lab File: BG056422.D
Acq: 25 Jan 2023 13:14

Tgt Ion:184 Resp: 21997
Ion Ratio Lower Upper
184 100
185 15.7 12.2 18.2
183 0.0 9.4 14.0#

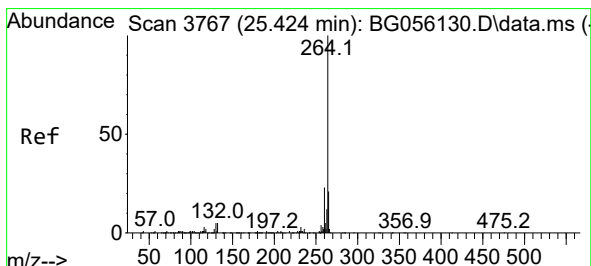
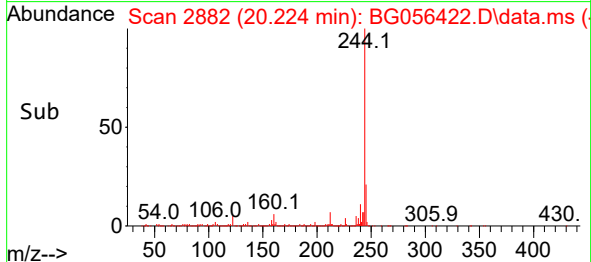
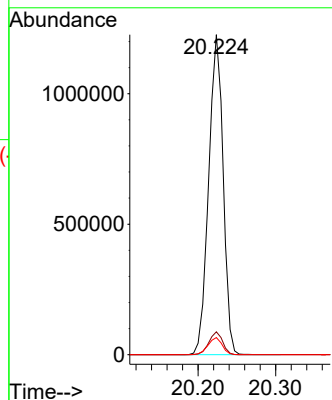
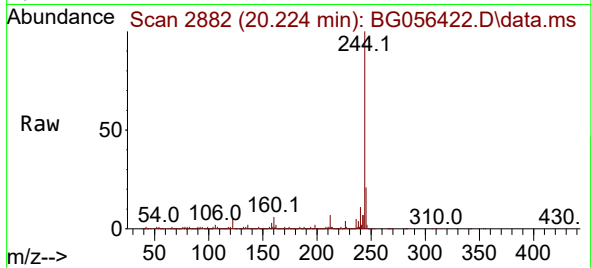




#79
 Terphenyl-d14
 Concen: 106.224 ng
 RT: 20.224 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056422.D
 Acq: 25 Jan 2023 13:14

Instrument :
 BNA_G
 ClientSampleId :
 MH-9

Tgt Ion:244 Resp: 1587207
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 5.4 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.376 min Scan# 3759
 Delta R.T. 0.003 min
 Lab File: BG056422.D
 Acq: 25 Jan 2023 13:14

Tgt Ion:264 Resp: 284196
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.9 16.7 25.1

