

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
 Data File : BG056386.D
 Acq On : 23 Jan 2023 16:24
 Operator : CG/JU
 Sample : 01251-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Jan 24 01:22:22 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 19 00:31:30 2023
 Response via : Initial Calibration

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

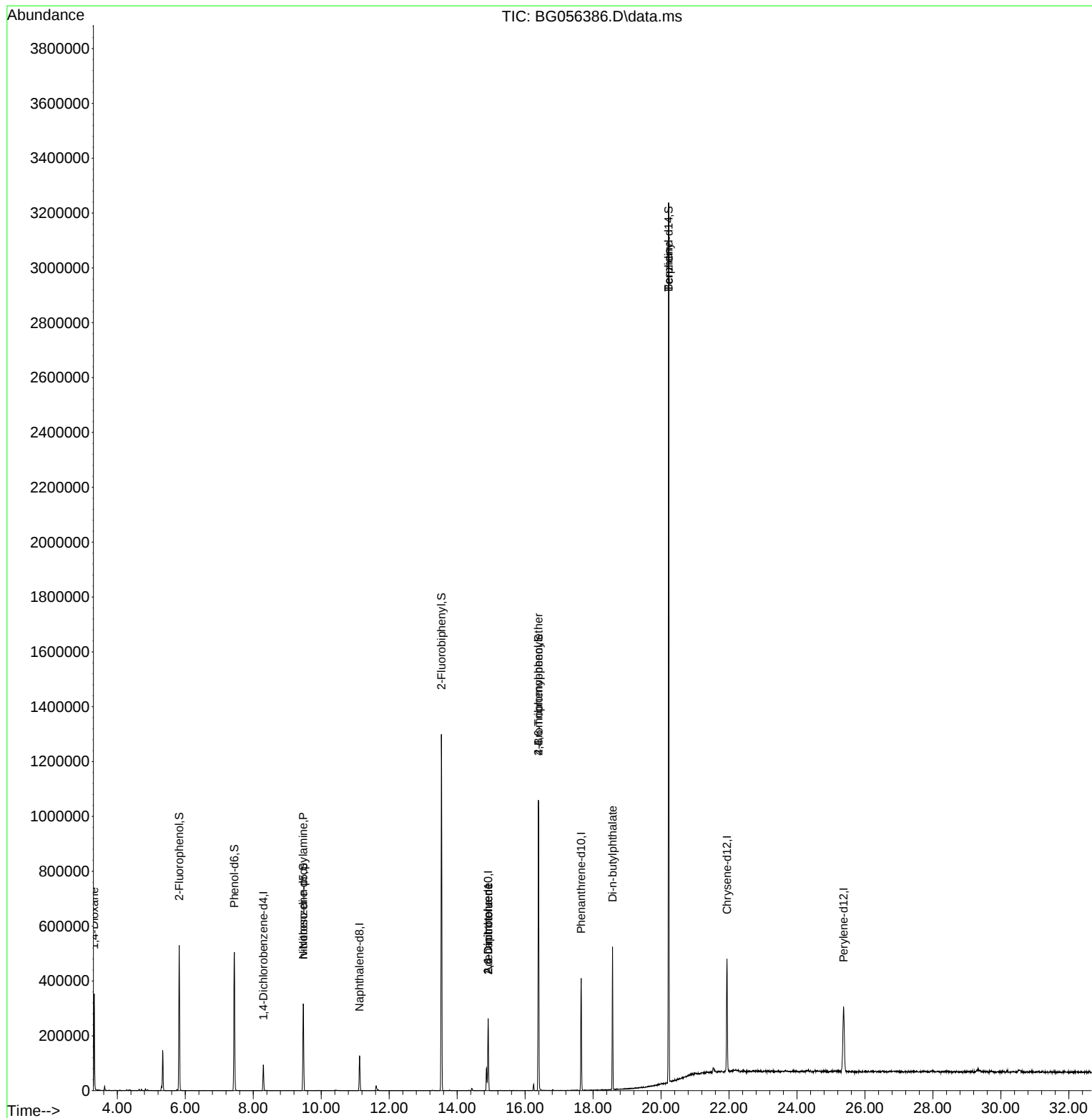
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.297	152	30154	20.000	ng	0.00
21) Naphthalene-d8	11.129	136	117989	20.000	ng	0.00
39) Acenaphthene-d10	14.913	164	95411	20.000	ng	0.00
64) Phenanthrene-d10	17.651	188	281099	20.000	ng	0.00
76) Chrysene-d12	21.940	240	271473	20.000	ng	#-0.01
86) Perylene-d12	25.371	264	291257	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.823	112	296941	175.826	ng	0.00
7) Phenol-d6	7.445	99	401214	154.696	ng	0.00
23) Nitrobenzene-d5	9.472	82	228233	98.945	ng	-0.01
42) 2,4,6-Tribromophenol	16.393	330	235795	195.136	ng	0.00
45) 2-Fluorobiphenyl	13.538	172	732525	106.019	ng	0.00
79) Terphenyl-d14	20.224	244	1705579	112.526	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.320	88	3591	4.655	ng	# 1
19) n-Nitroso-di-n-propyla...	9.472	70	28909	18.330	ng	# 75
51) 2,6-Dinitrotoluene	14.913	165	12709	7.744	ng	# 34
57) 2,4-Dinitrotoluene	14.913	165	12709	5.537	ng	# 31
67) 4-Bromophenyl-phenylether	16.393	248	18820	5.258	ng	# 1
74) Di-n-butylphthalate	18.573	149	405275	32.186	ng	99
77) Benzidine	20.224	184	23588	2.479	ng	# 94

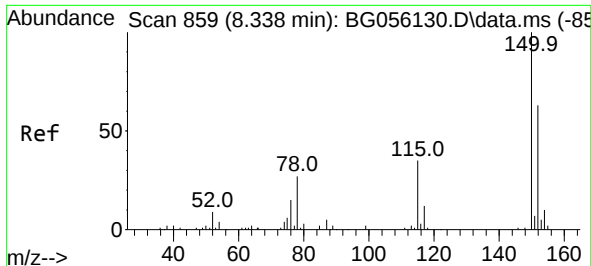
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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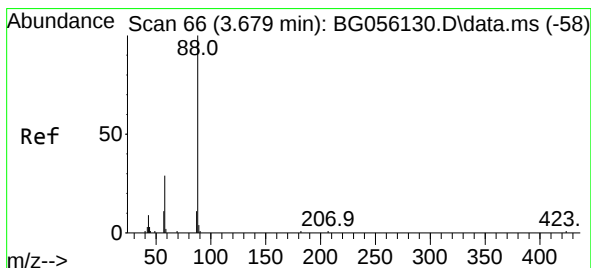
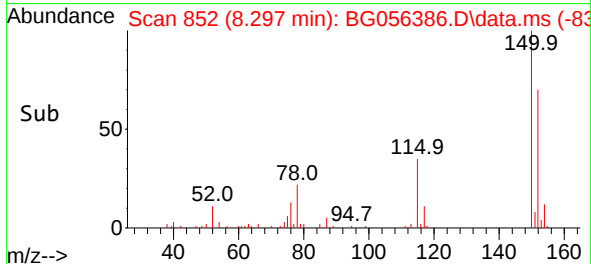
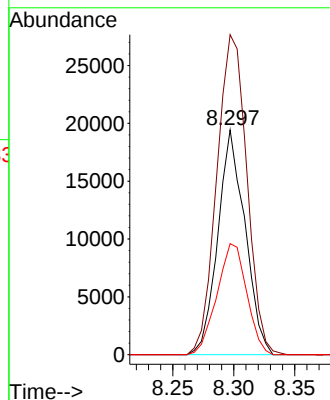
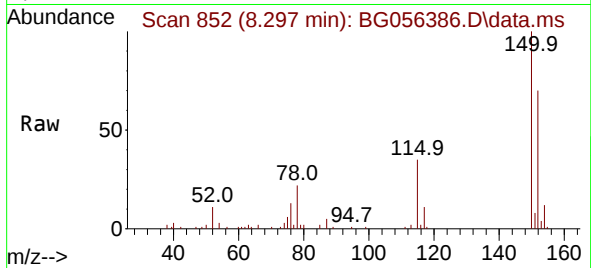




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.297 min Scan# 8
 Delta R.T. -0.009 min
 Lab File: BG056386.D
 Acq: 23 Jan 2023 16:24

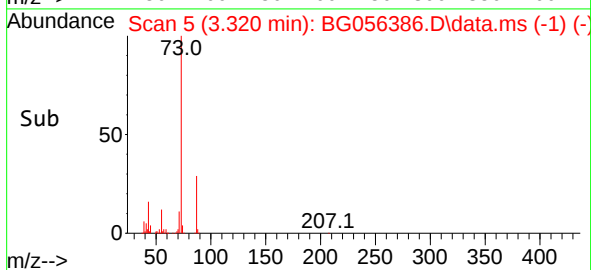
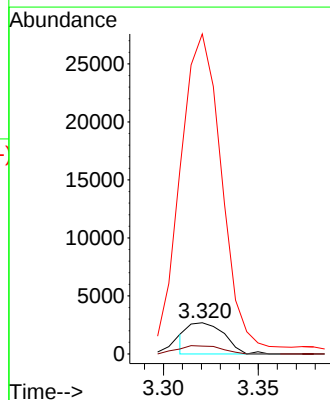
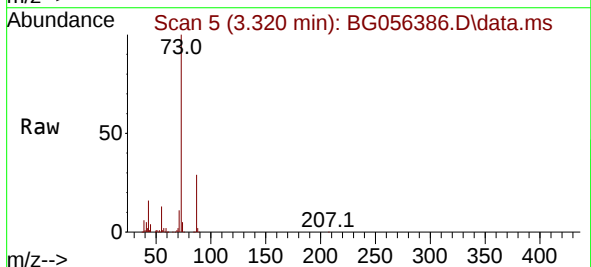
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

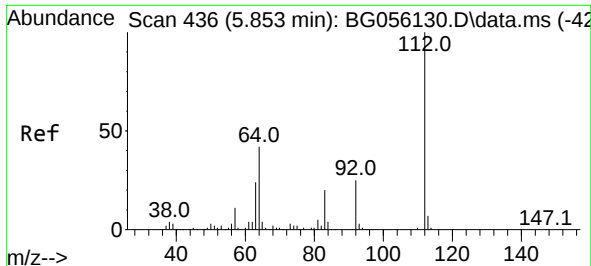
Tgt Ion:152 Resp: 30154
 Ion Ratio Lower Upper
 152 100
 150 142.4 127.9 191.9
 115 49.4 44.2 66.2



#2
 1,4-Dioxane
 Concen: 4.655 ng
 RT: 3.320 min Scan# 5
 Delta R.T. -0.315 min
 Lab File: BG056386.D
 Acq: 23 Jan 2023 16:24

Tgt Ion: 88 Resp: 3591
 Ion Ratio Lower Upper
 88 100
 58 25.1 21.4 32.0
 43 948.1 7.1 10.7#

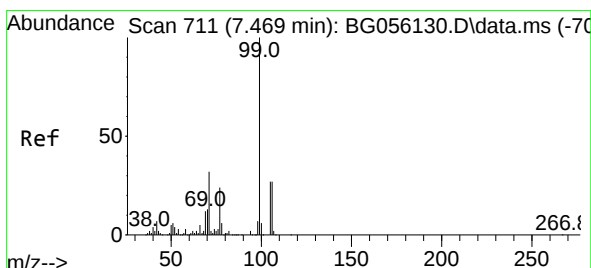
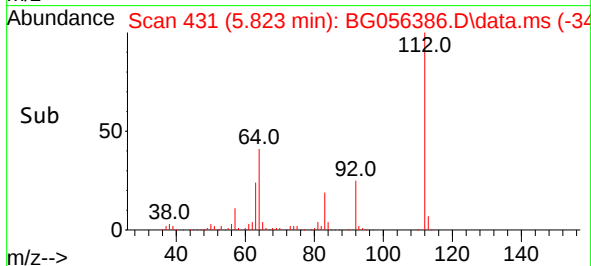
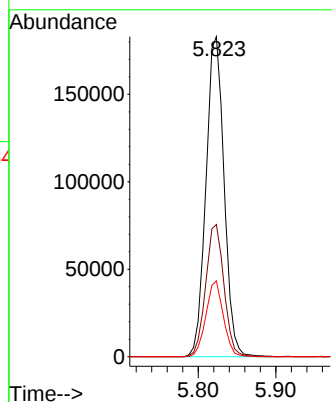
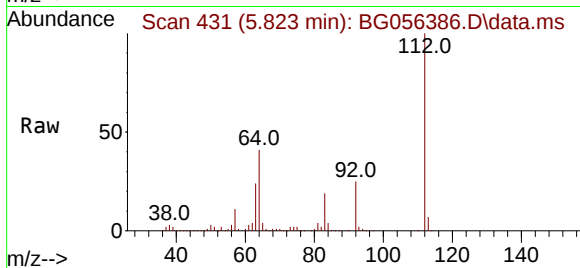




#5
2-Fluorophenol
Concen: 175.826 ng
RT: 5.823 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG056386.D
Acq: 23 Jan 2023 16:24

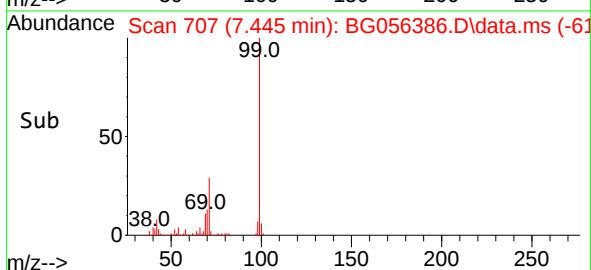
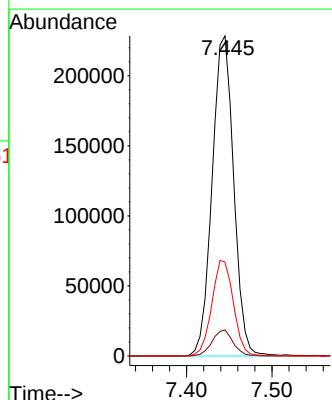
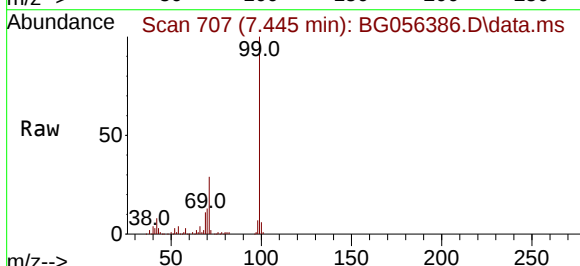
Instrument :
BNA_G
ClientSampleId :
COMP-1

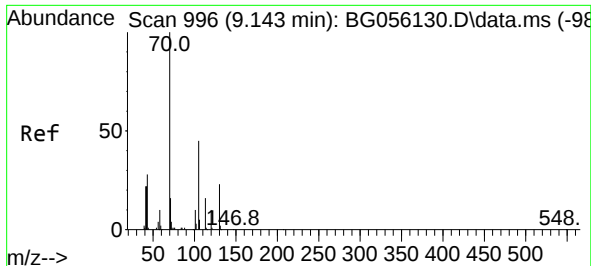
Tgt Ion:112 Resp: 296941
Ion Ratio Lower Upper
112 100
64 41.3 33.3 49.9
63 23.7 19.0 28.4



#7
Phenol-d6
Concen: 154.696 ng
RT: 7.445 min Scan# 707
Delta R.T. -0.003 min
Lab File: BG056386.D
Acq: 23 Jan 2023 16:24

Tgt Ion: 99 Resp: 401214
Ion Ratio Lower Upper
99 100
42 8.1 5.9 8.9
71 29.3 25.4 38.2

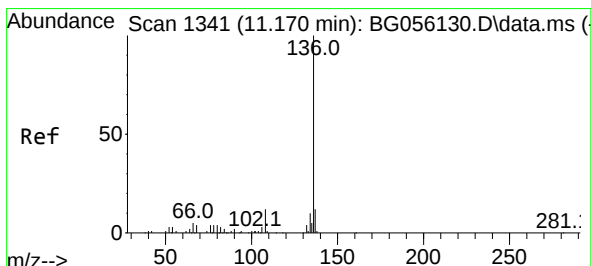
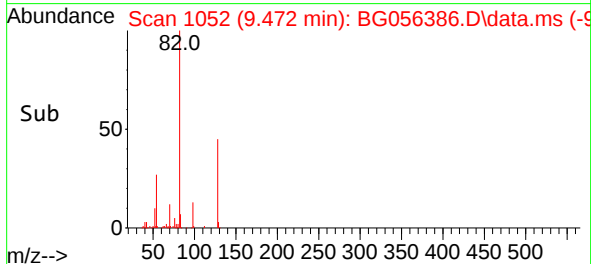
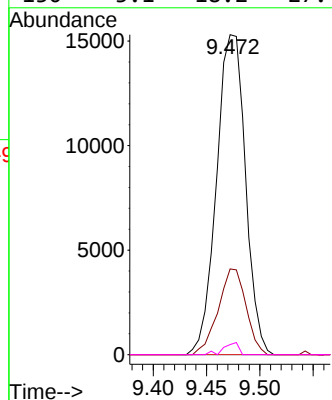
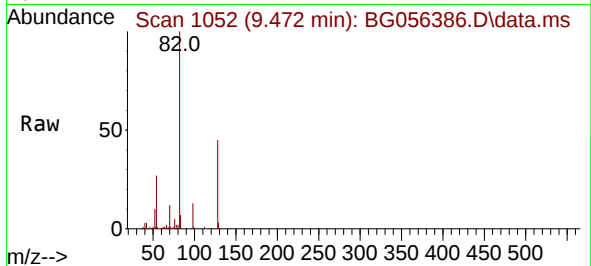




#19
n-Nitroso-di-n-propylamine
Concen: 18.330 ng
RT: 9.472 min Scan# 1052
Delta R.T. 0.361 min
Lab File: BG056386.D
Acq: 23 Jan 2023 16:24

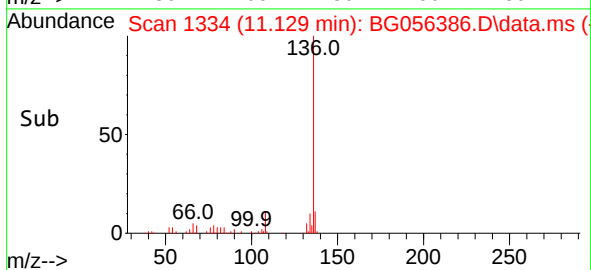
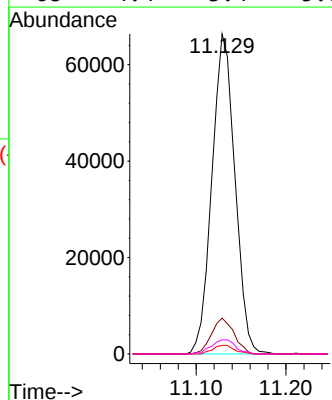
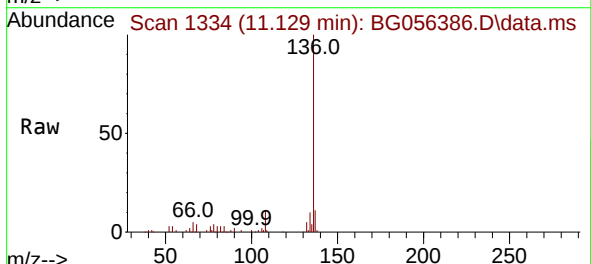
Instrument :
BNA_G
ClientSampleId :
COMP-1

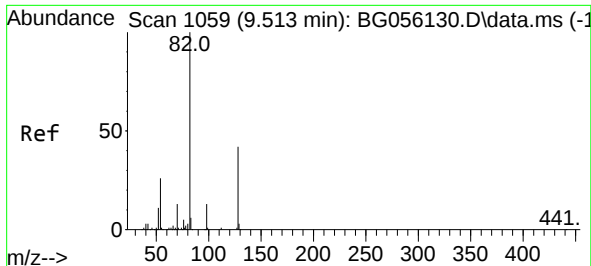
Tgt Ion:	70	Resp:	28909
Ion	Ratio	Lower	Upper
70	100		
42	26.8	18.2	27.2
101	0.0	8.3	12.5#
130	3.1	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.129 min Scan# 1334
Delta R.T. -0.009 min
Lab File: BG056386.D
Acq: 23 Jan 2023 16:24

Tgt Ion:	136	Resp:	117989
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	2.7	2.2	3.2
68	4.4	3.4	5.0





#23

Nitrobenzene-d5

Concen: 98.945 ng

RT: 9.472 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG056386.D

Acq: 23 Jan 2023 16:24

Instrument :

BNA_G

ClientSampleId :

COMP-1

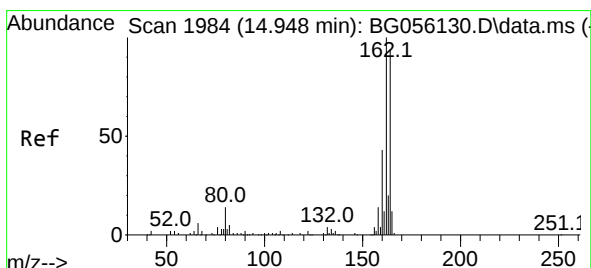
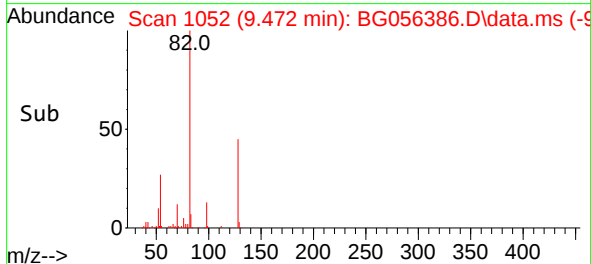
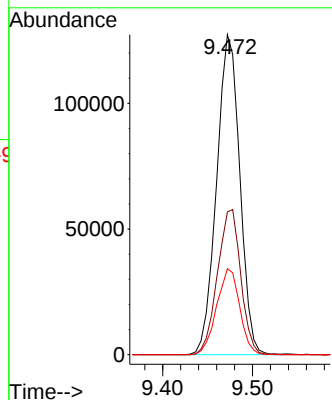
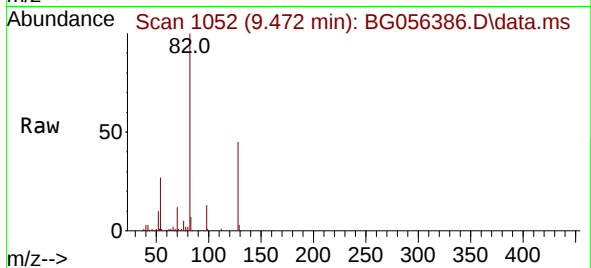
Tgt Ion: 82 Resp: 228233

Ion Ratio Lower Upper

82 100

128 44.6 33.4 50.2

54 26.8 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.913 min Scan# 1978

Delta R.T. -0.009 min

Lab File: BG056386.D

Acq: 23 Jan 2023 16:24

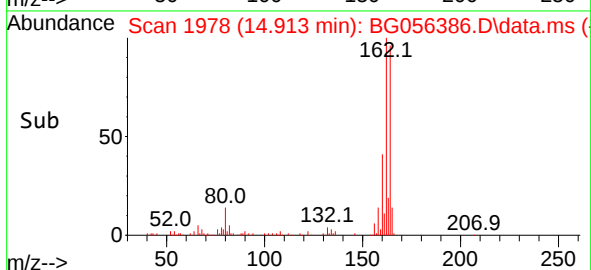
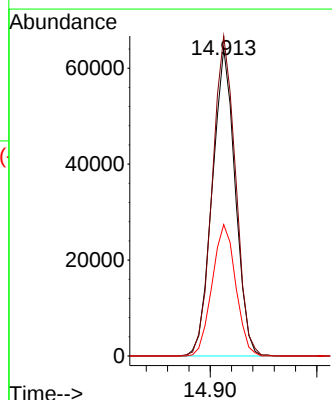
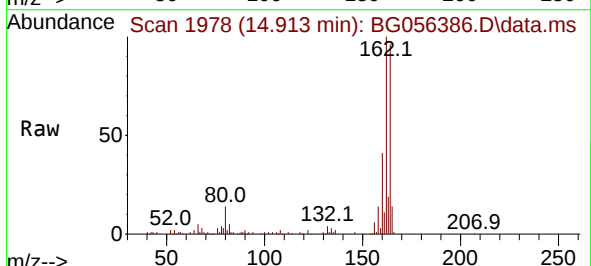
Tgt Ion:164 Resp: 95411

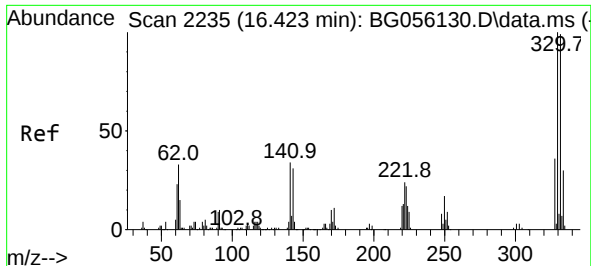
Ion Ratio Lower Upper

164 100

162 104.0 84.7 127.1

160 42.7 36.3 54.5

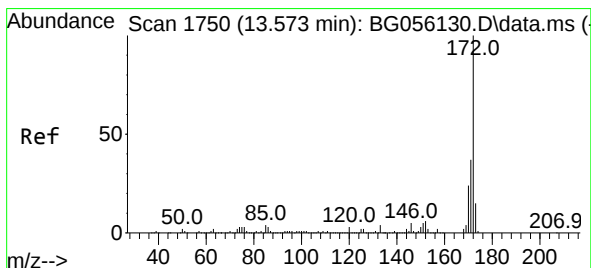
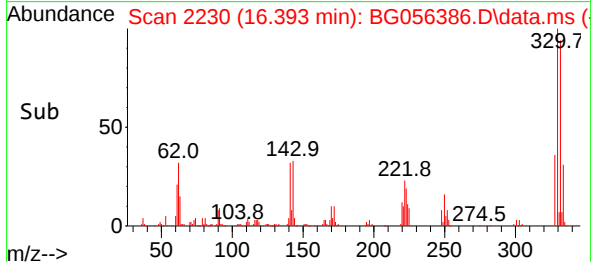
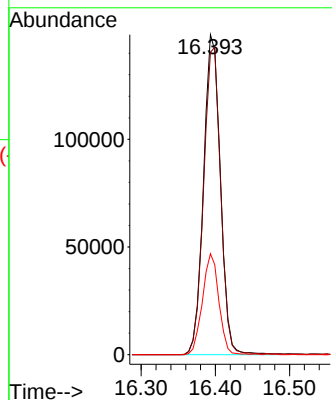
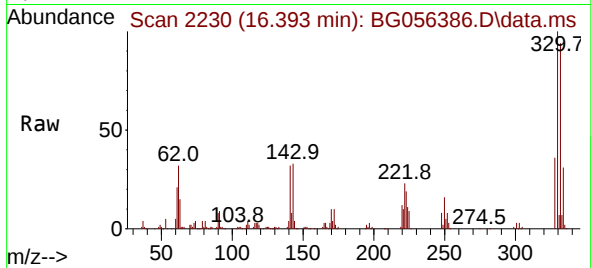




#42
2,4,6-Tribromophenol
Concen: 195.136 ng
RT: 16.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG056386.D
Acq: 23 Jan 2023 16:24

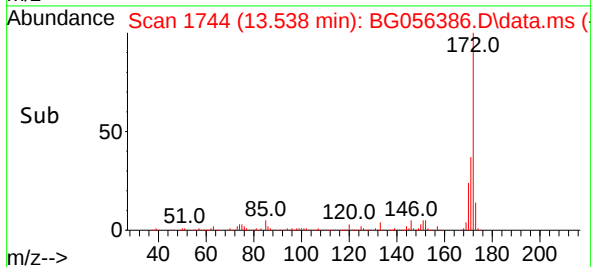
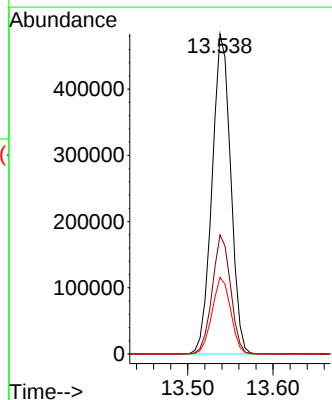
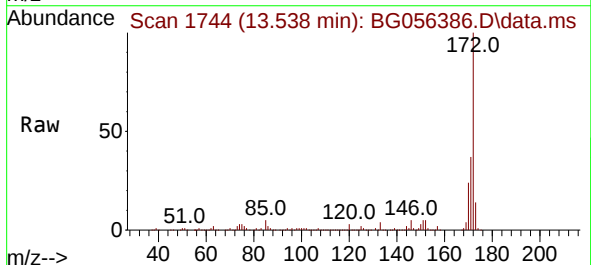
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ClientSampleId :
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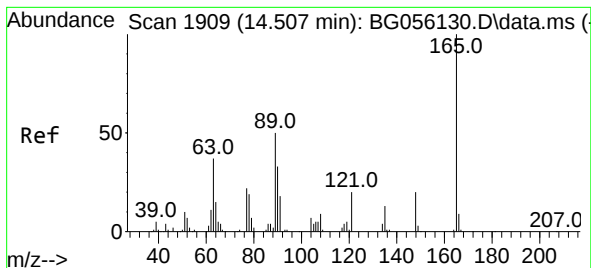
Tgt Ion:330 Resp: 235795
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 30.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 106.019 ng
RT: 13.538 min Scan# 1744
Delta R.T. -0.009 min
Lab File: BG056386.D
Acq: 23 Jan 2023 16:24

Tgt Ion:172 Resp: 732525
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 24.0 19.4 29.2

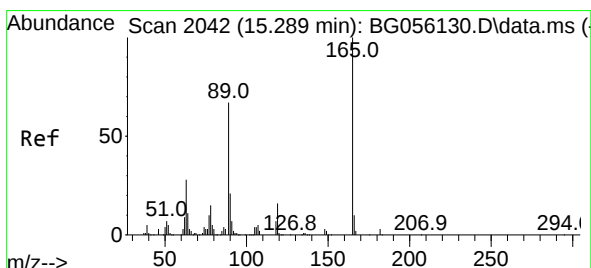
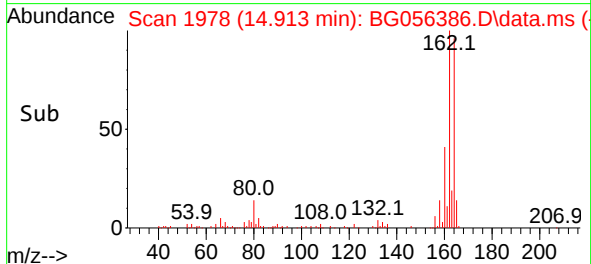
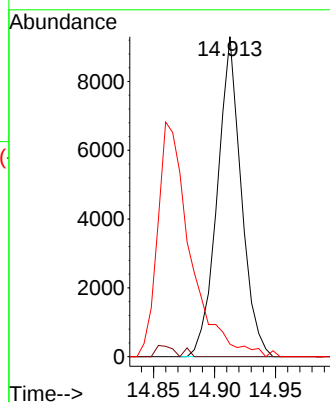
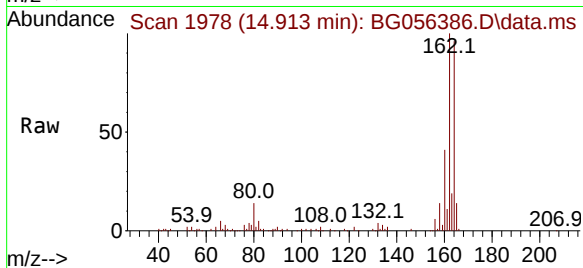




#51
2,6-Dinitrotoluene
Concen: 7.744 ng
RT: 14.913 min Scan# 1909
Delta R.T. 0.426 min
Lab File: BG056386.D
Acq: 23 Jan 2023 16:24

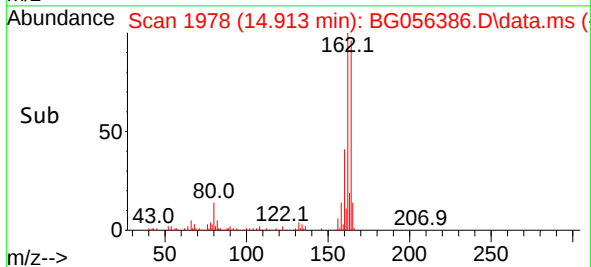
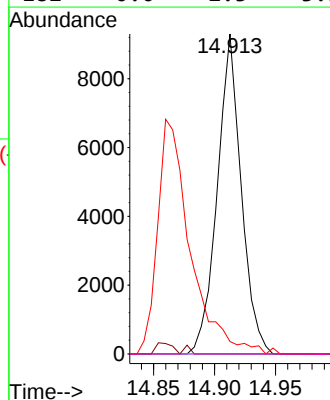
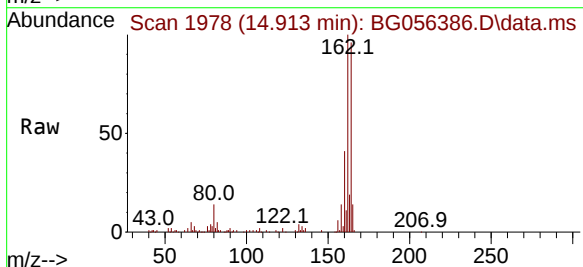
Instrument :
BNA_G
ClientSampleId :
COMP-1

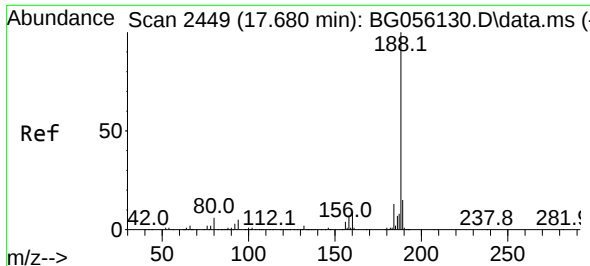
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	3.9	39.8	59.8#



#57
2,4-Dinitrotoluene
Concen: 5.537 ng
RT: 14.913 min Scan# 1978
Delta R.T. -0.362 min
Lab File: BG056386.D
Acq: 23 Jan 2023 16:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.6	34.0#
89	3.9	53.2	79.8#
182	0.0	2.3	3.5#

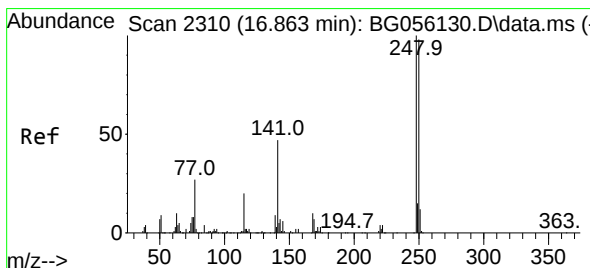
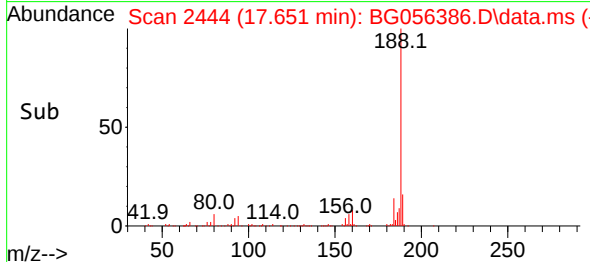
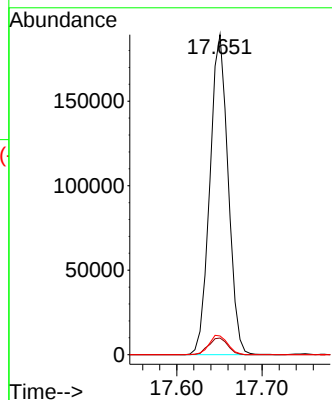
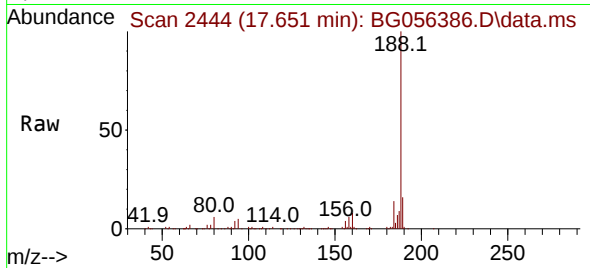




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.651 min Scan# 2449
Delta R.T. -0.009 min
Lab File: BG056386.D
Acq: 23 Jan 2023 16:24

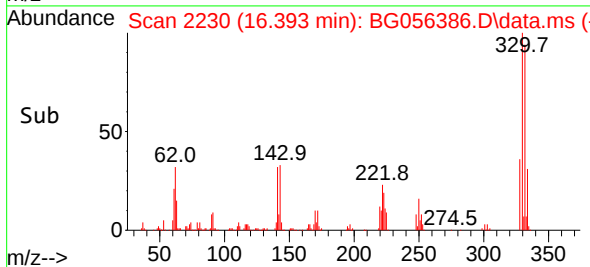
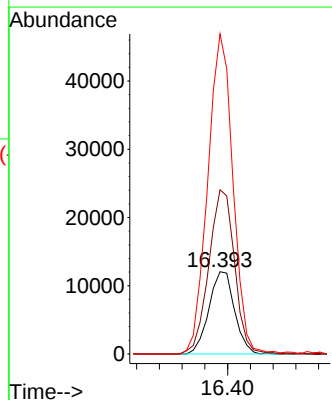
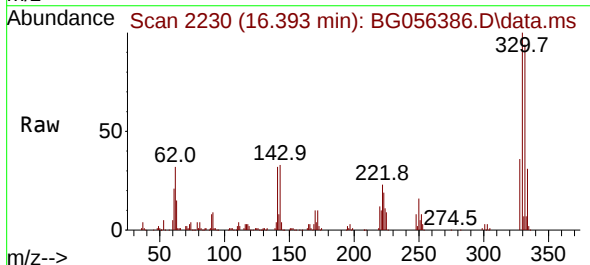
Instrument :
BNA_G
ClientSampleId :
COMP-1

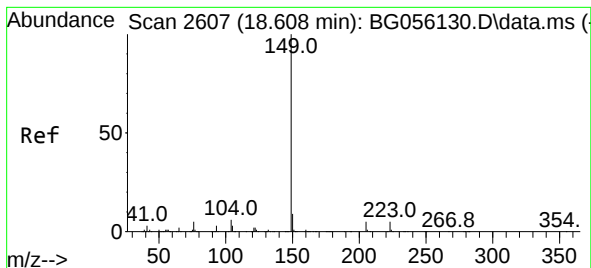
Tgt Ion:188 Resp: 281099
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 5.9 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 5.258 ng
RT: 16.393 min Scan# 2230
Delta R.T. -0.444 min
Lab File: BG056386.D
Acq: 23 Jan 2023 16:24

Tgt Ion:248 Resp: 18820
Ion Ratio Lower Upper
248 100
250 199.6 78.2 117.4#
141 389.1 37.6 56.4#





#74

Di-n-butylphthalate

Concen: 32.186 ng

RT: 18.573 min Scan# 2

Delta R.T. -0.009 min

Lab File: BG056386.D

Acq: 23 Jan 2023 16:24

Instrument :

BNA_G

ClientSampleId :

COMP-1

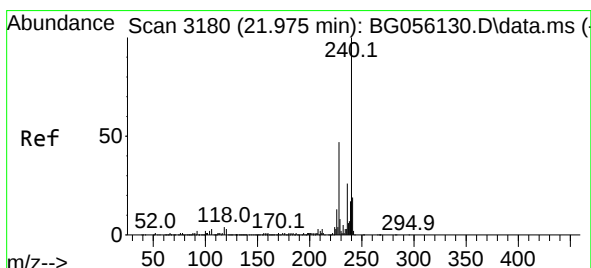
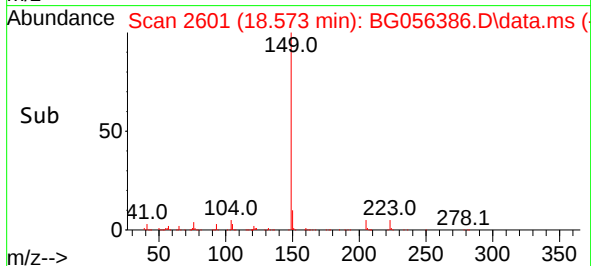
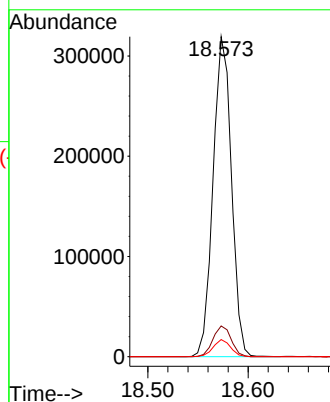
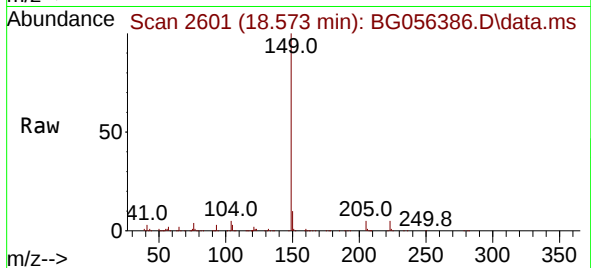
Tgt Ion:149 Resp: 405275

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 5.4 4.4 6.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.940 min Scan# 3174

Delta R.T. -0.015 min

Lab File: BG056386.D

Acq: 23 Jan 2023 16:24

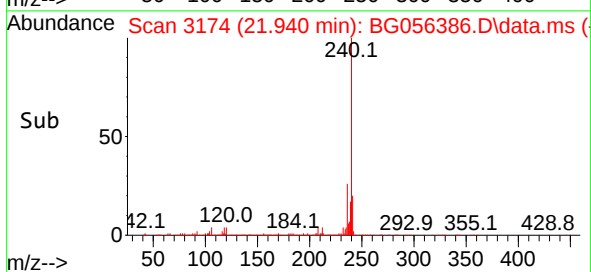
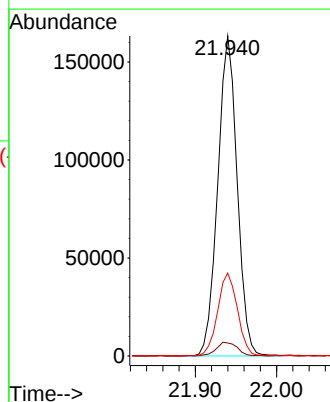
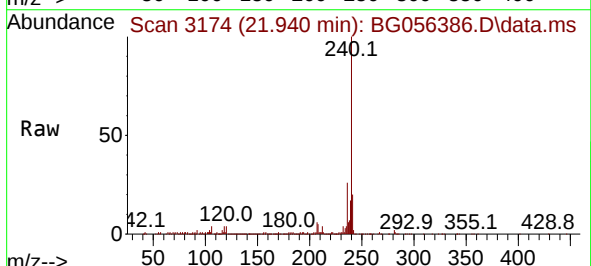
Tgt Ion:240 Resp: 271473

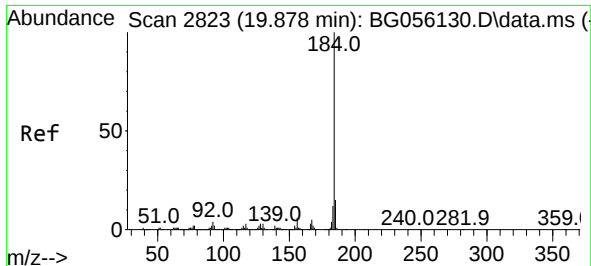
Ion Ratio Lower Upper

240 100

120 4.0 2.6 4.0#

236 25.9 20.8 31.2

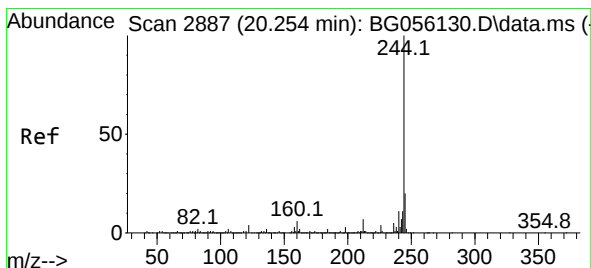
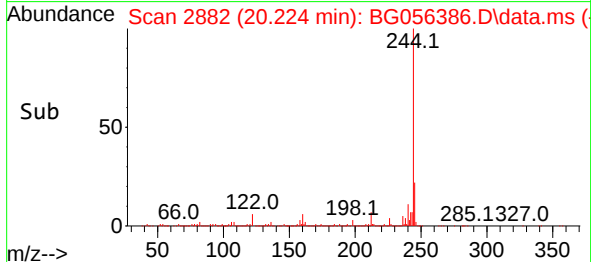
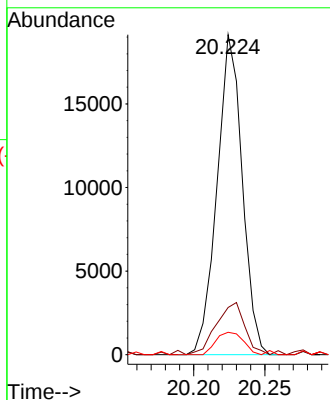
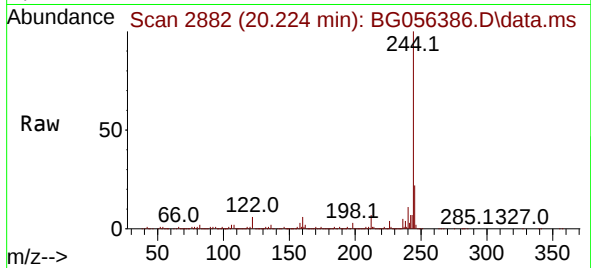




#77
Benzidine
Concen: 2.479 ng
RT: 20.224 min Scan# 2882
Delta R.T. 0.367 min
Lab File: BG056386.D
Acq: 23 Jan 2023 16:24

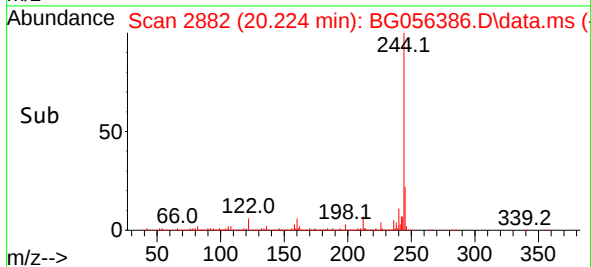
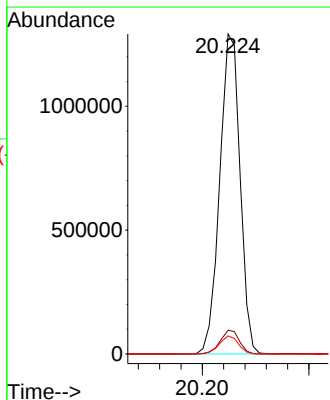
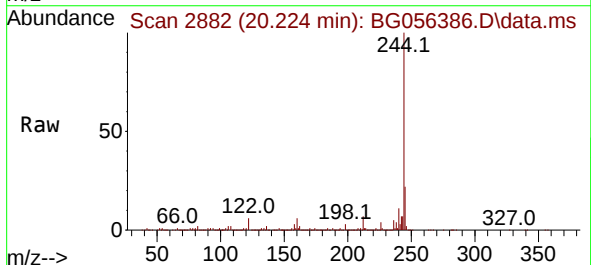
Instrument :
BNA_G
ClientSampleId :
COMP-1

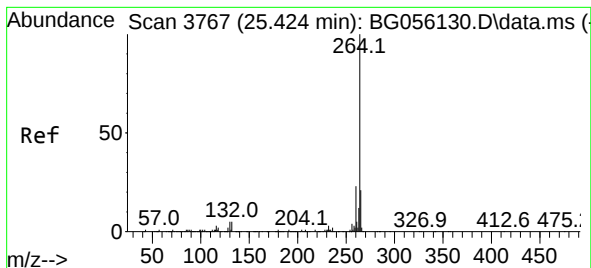
Tgt Ion:184 Resp: 23588
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 7.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 112.526 ng
RT: 20.224 min Scan# 2882
Delta R.T. -0.009 min
Lab File: BG056386.D
Acq: 23 Jan 2023 16:24

Tgt Ion:244 Resp: 1705579
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 5.7 3.5 5.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.371 min Scan# 31

Delta R.T. -0.021 min

Lab File: BG056386.D

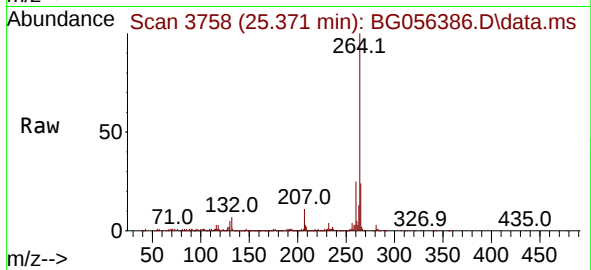
Acq: 23 Jan 2023 16:24

Instrument :

BNA_G

ClientSampleId :

COMP-1



Tgt Ion:264 Resp: 291257

Ion Ratio Lower Upper

264 100

260 25.0 18.6 28.0

265 23.7 16.7 25.1

