

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
 Data File : BG056427.D
 Acq On : 25 Jan 2023 16:42
 Operator : CG/JU
 Sample : 01260-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-25

Quant Time: Jan 26 01:12:28 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)

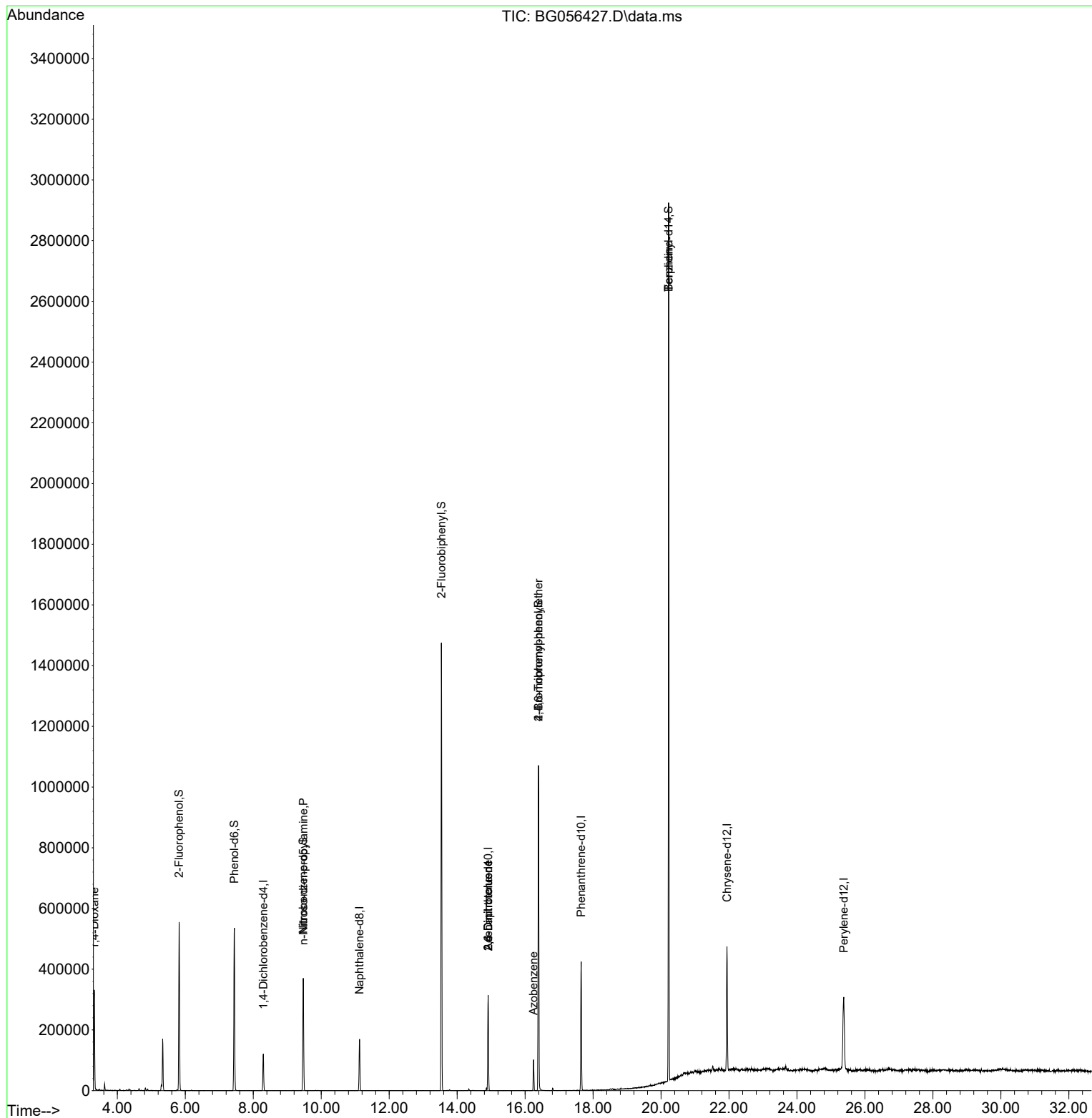
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	40941	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	158516	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	123194	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	296244	20.000	ng	0.00
76) Chrysene-d12	21.937	240	270255	20.000	ng	# 0.00
86) Perylene-d12	25.374	264	295950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.815	112	323893	141.254	ng	0.00
7) Phenol-d6	7.442	99	412869	117.247	ng	0.00
23) Nitrobenzene-d5	9.470	82	259232	83.652	ng	0.00
42) 2,4,6-Tribromophenol	16.391	330	237313	152.101	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	851277	95.421	ng	0.00
79) Terphenyl-d14	20.222	244	1549585	102.695	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.324	88	4022	3.840	ng	# 1
19) n-Nitroso-di-n-propyla...	9.475	70	31157	14.551	ng	# 73
51) 2,6-Dinitrotoluene	14.910	165	15630	7.376	ng	# 32
57) 2,4-Dinitrotoluene	14.910	165	15630	5.274	ng	# 29
63) Azobenzene	16.244	77	27236	3.784	ng	# 1
67) 4-Bromophenyl-phenylether	16.391	248	18915	5.014	ng	# 1
77) Benzidine	20.222	184	21440	2.264	ng	# 83

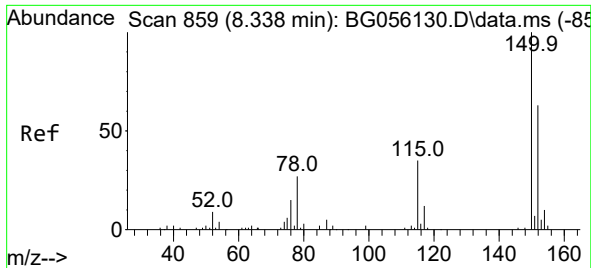
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
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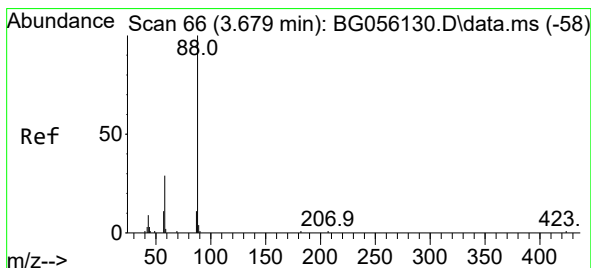
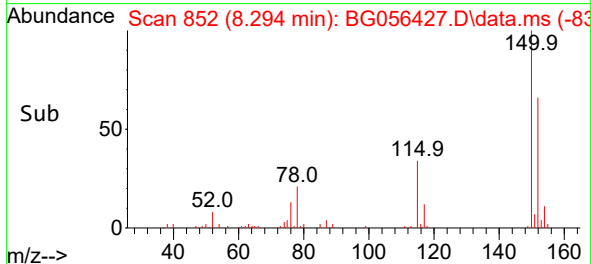
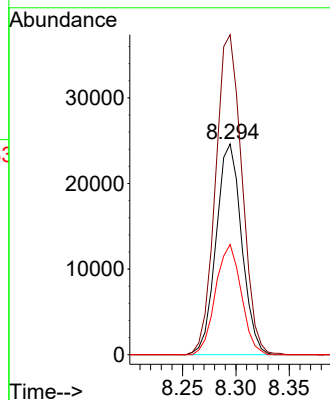
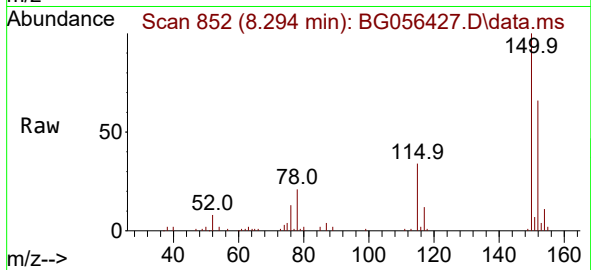




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.294 min Scan# 8
 Delta R.T. 0.001 min
 Lab File: BG056427.D
 Acq: 25 Jan 2023 16:42

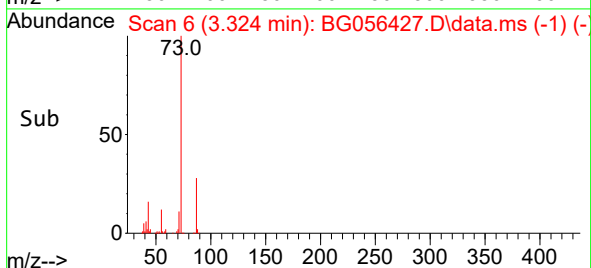
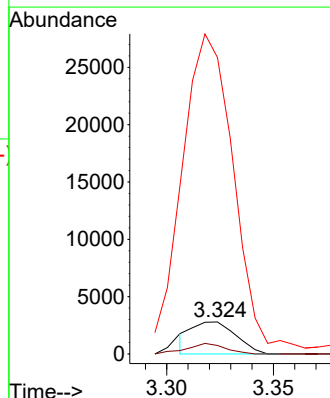
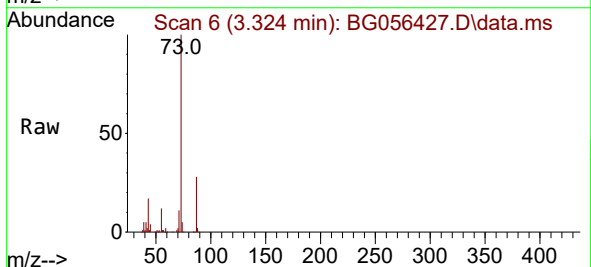
Instrument :
 BNA_G
 ClientSampleId :
 TP-25

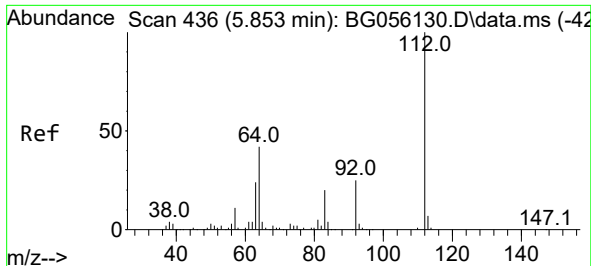
Tgt Ion:152 Resp: 40941
 Ion Ratio Lower Upper
 152 100
 150 151.8 127.9 191.9
 115 52.3 44.2 66.2



#2
 1,4-Dioxane
 Concen: 3.840 ng
 RT: 3.324 min Scan# 6
 Delta R.T. -0.293 min
 Lab File: BG056427.D
 Acq: 25 Jan 2023 16:42

Tgt Ion: 88 Resp: 4022
 Ion Ratio Lower Upper
 88 100
 58 24.2 21.4 32.0
 43 932.3 7.1 10.7#

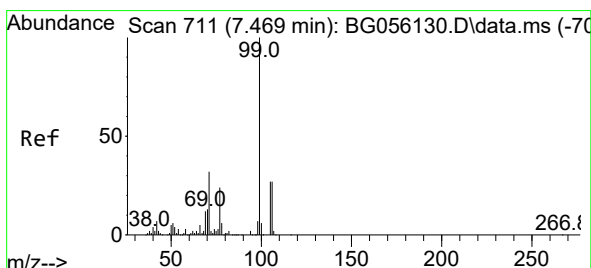
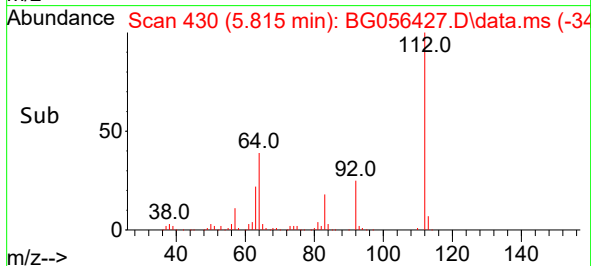
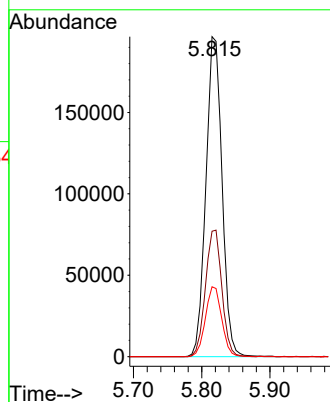
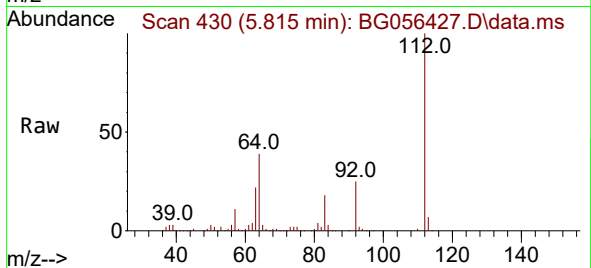




#5
2-Fluorophenol
Concen: 141.254 ng
RT: 5.815 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG056427.D
Acq: 25 Jan 2023 16:42

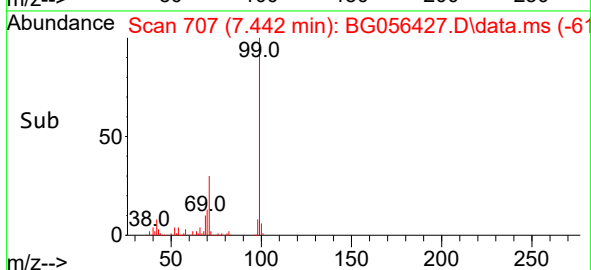
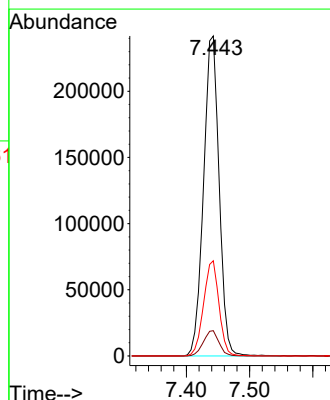
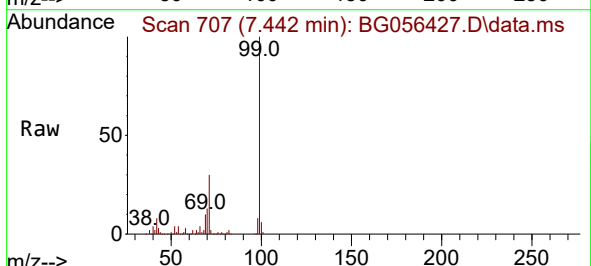
Instrument :
BNA_G
ClientSampleId :
TP-25

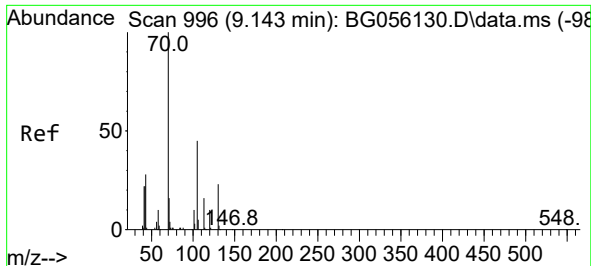
Tgt Ion:112 Resp: 323893
Ion Ratio Lower Upper
112 100
64 39.2 33.3 49.9
63 21.9 19.0 28.4



#7
Phenol-d6
Concen: 117.247 ng
RT: 7.442 min Scan# 707
Delta R.T. 0.007 min
Lab File: BG056427.D
Acq: 25 Jan 2023 16:42

Tgt Ion: 99 Resp: 412869
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 29.8 25.4 38.2

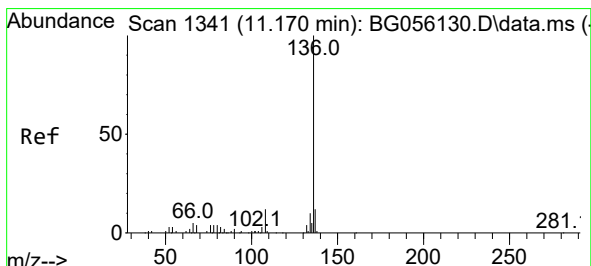
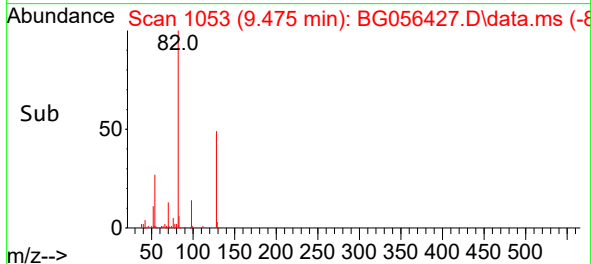
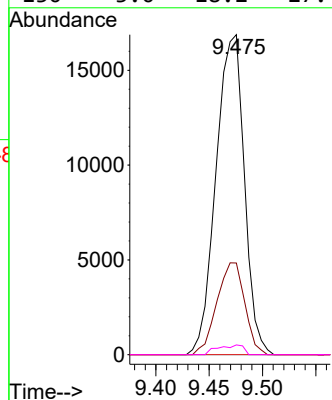
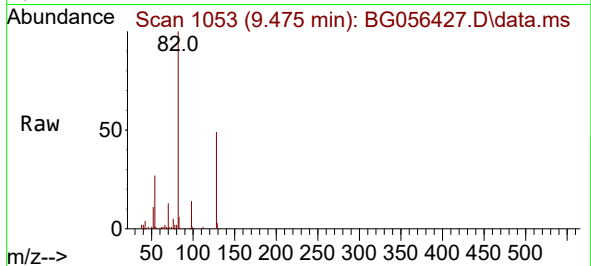




#19
n-Nitroso-di-n-propylamine
Concen: 14.551 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.377 min
Lab File: BG056427.D
Acq: 25 Jan 2023 16:42

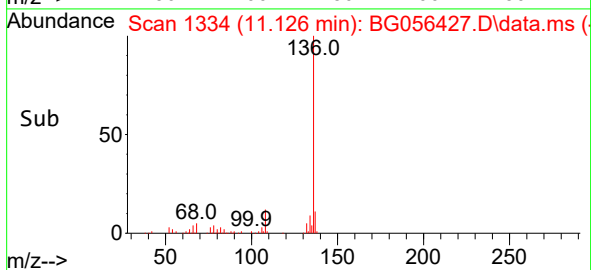
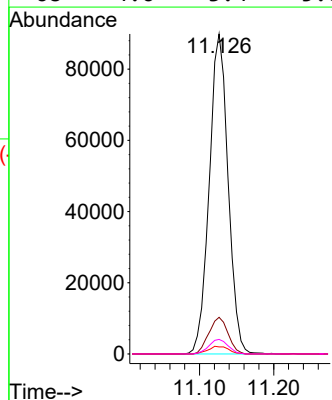
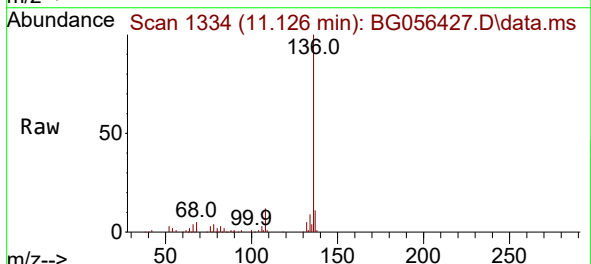
Instrument :
BNA_G
ClientSampleId :
TP-25

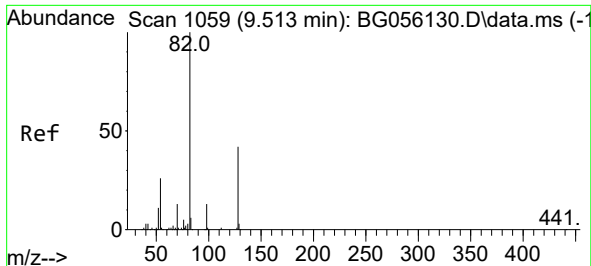
Tgt Ion: 70 Resp: 31157
Ion Ratio Lower Upper
70 100
42 28.7 18.2 27.2#
101 0.0 8.3 12.5#
130 3.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.126 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BG056427.D
Acq: 25 Jan 2023 16:42

Tgt Ion:136 Resp: 158516
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 2.2 2.2 3.2
68 4.6 3.4 5.0





#23

Nitrobenzene-d5

Concen: 83.652 ng

RT: 9.470 min Scan# 1052

Delta R.T. -0.005 min

Lab File: BG056427.D

Acq: 25 Jan 2023 16:42

Instrument :

BNA_G

ClientSampleId :

TP-25

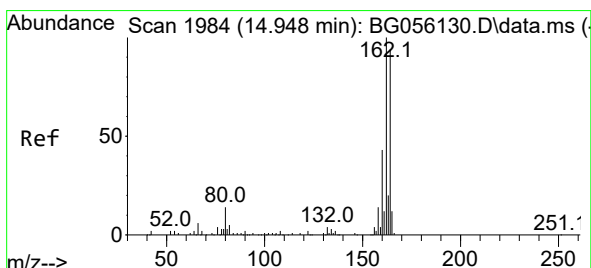
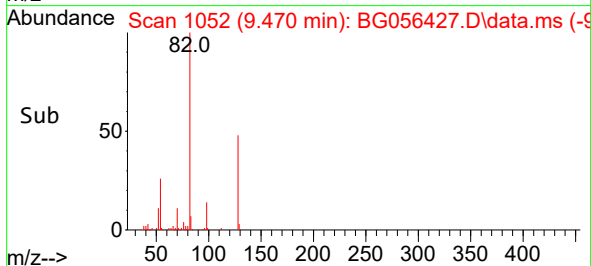
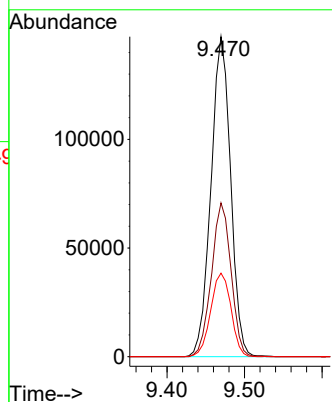
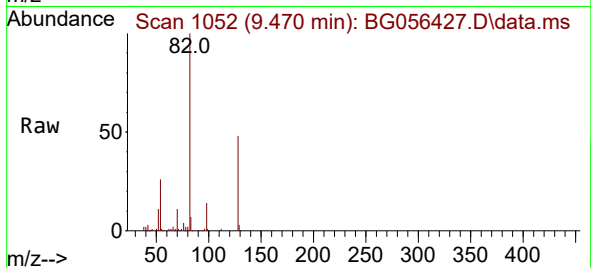
Tgt Ion: 82 Resp: 259232

Ion Ratio Lower Upper

82 100

128 48.0 33.4 50.2

54 26.1 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.910 min Scan# 1978

Delta R.T. -0.005 min

Lab File: BG056427.D

Acq: 25 Jan 2023 16:42

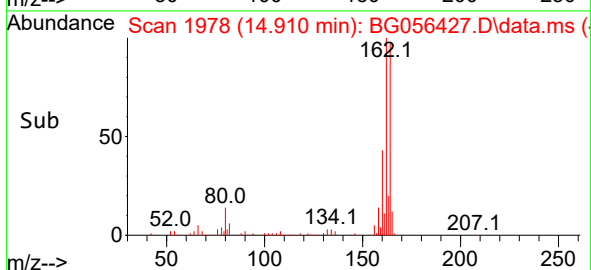
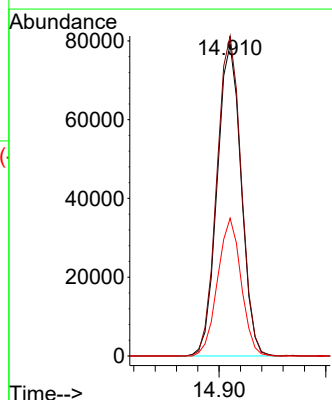
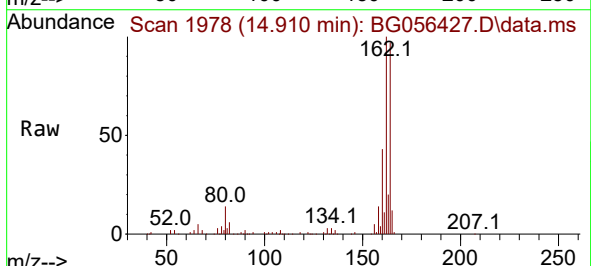
Tgt Ion:164 Resp: 123194

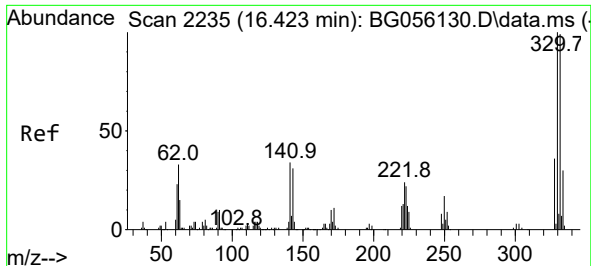
Ion Ratio Lower Upper

164 100

162 102.7 84.7 127.1

160 44.2 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 152.101 ng

RT: 16.391 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056427.D

Acq: 25 Jan 2023 16:42

Instrument :

BNA_G

ClientSampleId :

TP-25

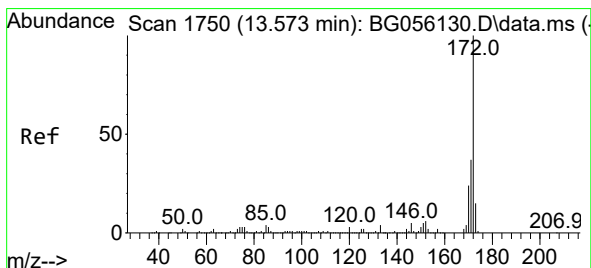
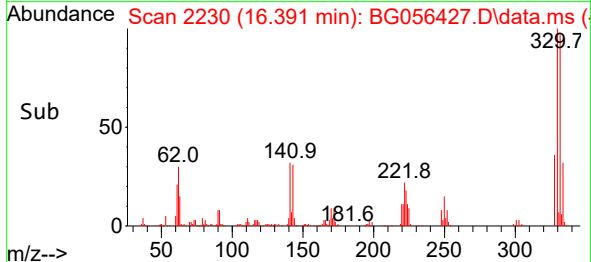
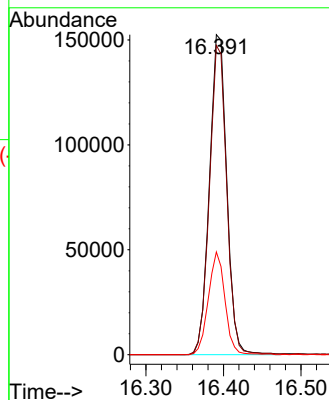
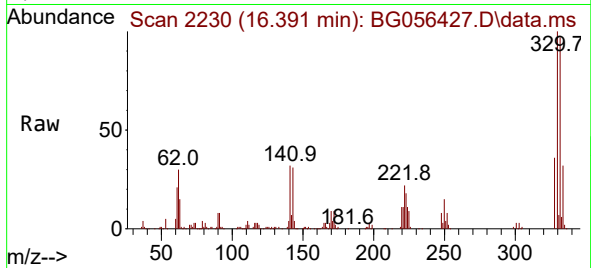
Tgt Ion:330 Resp: 237313

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 30.8 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 95.421 ng

RT: 13.535 min Scan# 1744

Delta R.T. -0.005 min

Lab File: BG056427.D

Acq: 25 Jan 2023 16:42

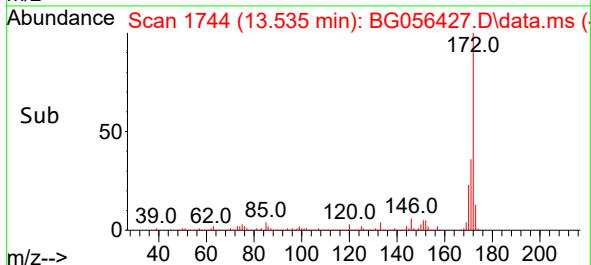
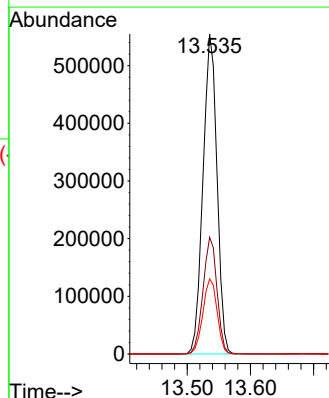
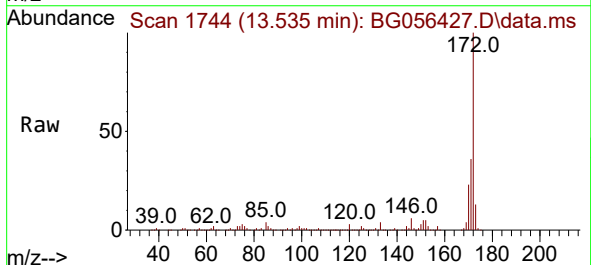
Tgt Ion:172 Resp: 851277

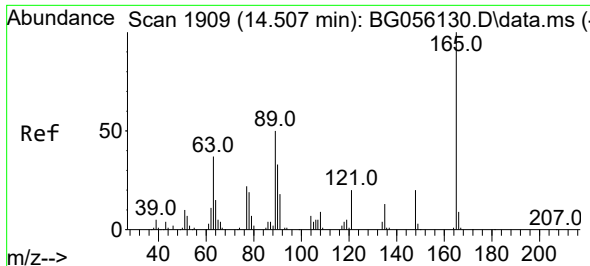
Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

170 23.4 19.4 29.2

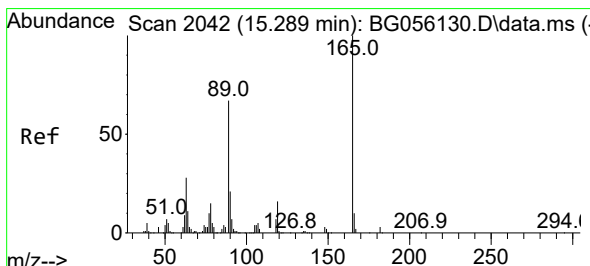
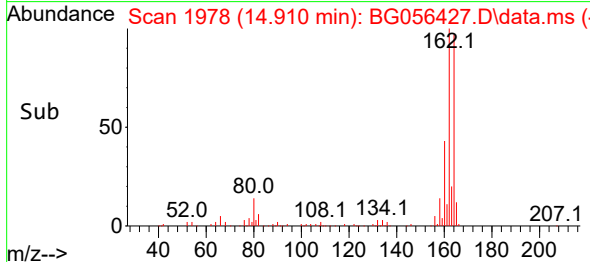
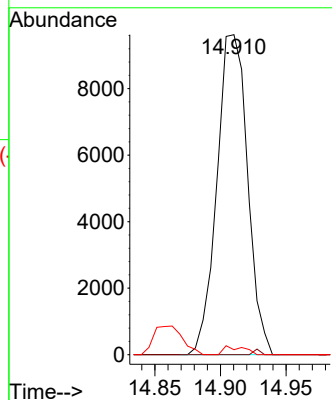
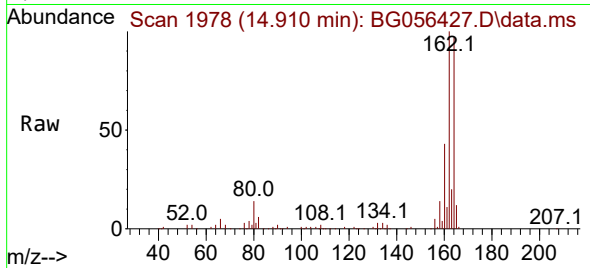




#51
2,6-Dinitrotoluene
Concen: 7.376 ng
RT: 14.910 min Scan# 1909
Delta R.T. 0.430 min
Lab File: BG056427.D
Acq: 25 Jan 2023 16:42

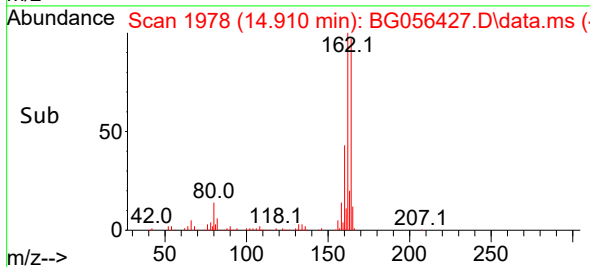
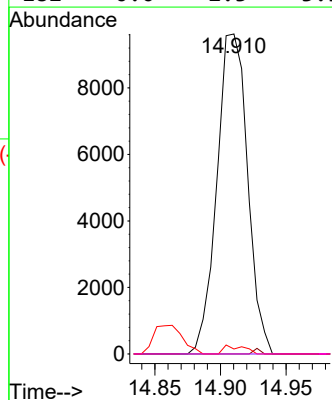
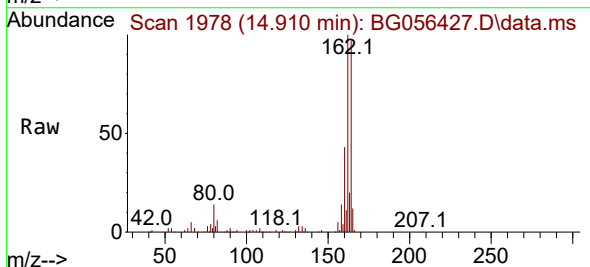
Instrument :
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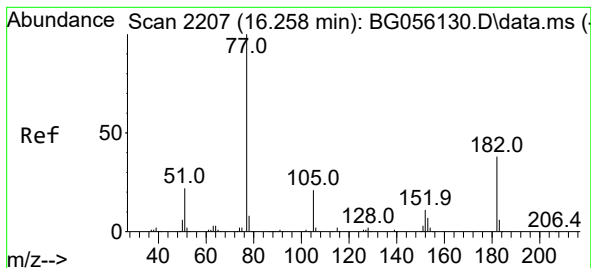
Tgt Ion:165 Resp: 15630
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.6 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 5.274 ng
RT: 14.910 min Scan# 1978
Delta R.T. -0.357 min
Lab File: BG056427.D
Acq: 25 Jan 2023 16:42

Tgt Ion:165 Resp: 15630
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 1.6 53.2 79.8#
182 0.0 2.3 3.5#





#63

Azobenzene

Concen: 3.784 ng

RT: 16.244 min Scan# 21

Delta R.T. 0.013 min

Lab File: BG056427.D

Acq: 25 Jan 2023 16:42

Instrument :

BNA_G

ClientSampleId :

TP-25

Tgt Ion: 77 Resp: 27236

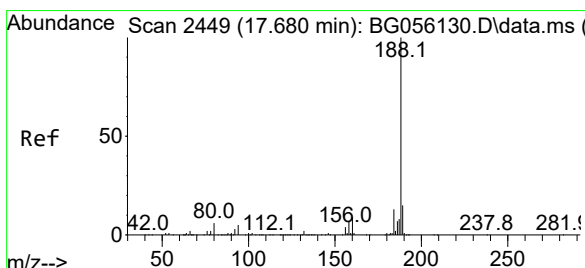
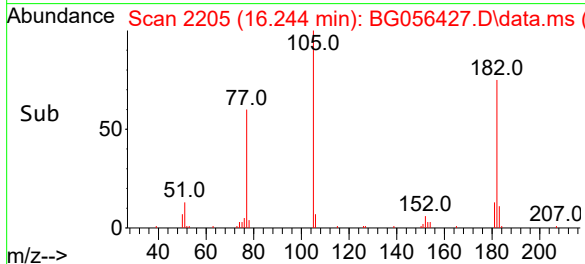
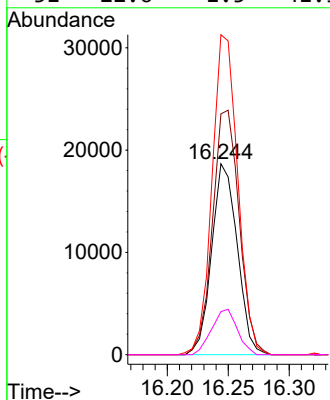
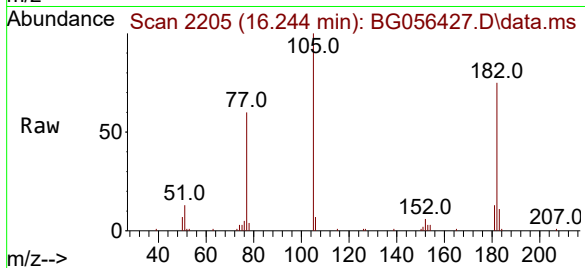
Ion Ratio Lower Upper

77 100

182 126.2 18.5 58.5#

105 167.6 1.4 41.4#

51 22.6 1.5 41.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.648 min Scan# 2444

Delta R.T. -0.005 min

Lab File: BG056427.D

Acq: 25 Jan 2023 16:42

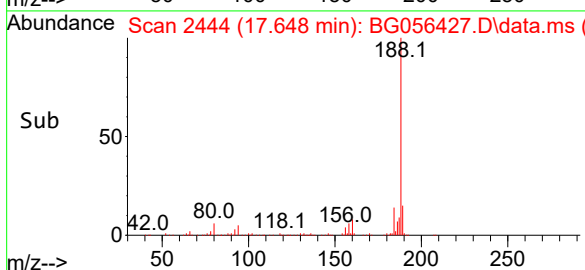
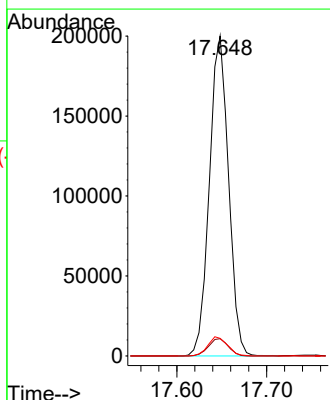
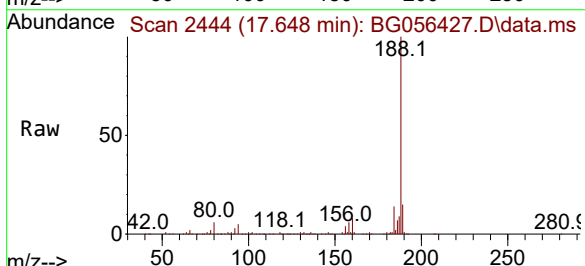
Tgt Ion: 188 Resp: 296244

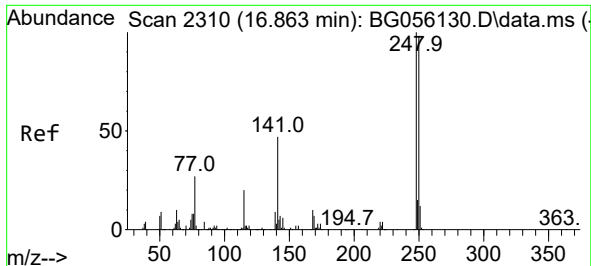
Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.2

80 5.5 5.0 7.4

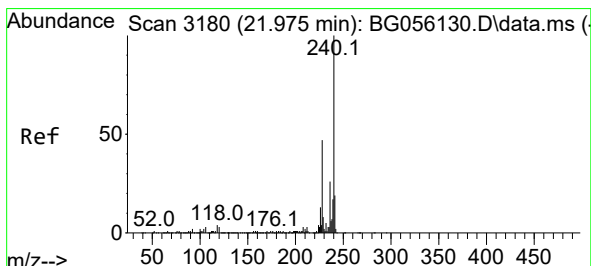
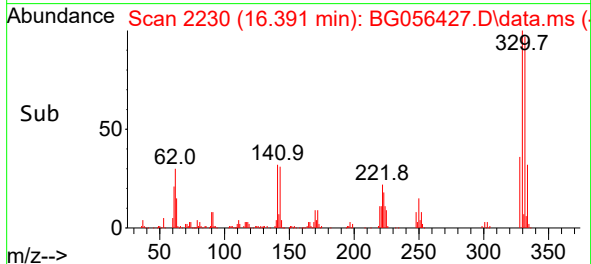
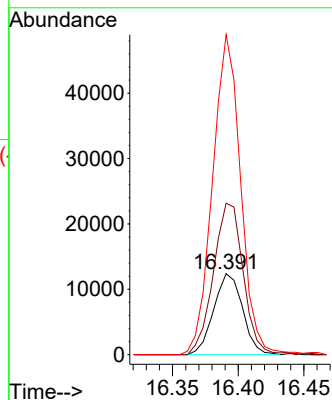
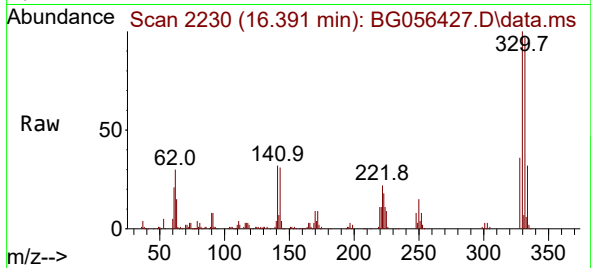




#67
4-Bromophenyl-phenylether
Concen: 5.014 ng
RT: 16.391 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG056427.D
Acq: 25 Jan 2023 16:42

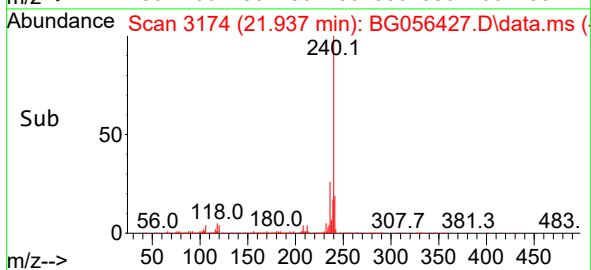
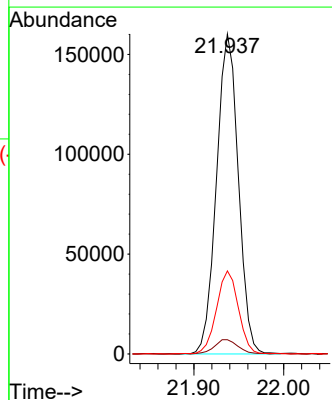
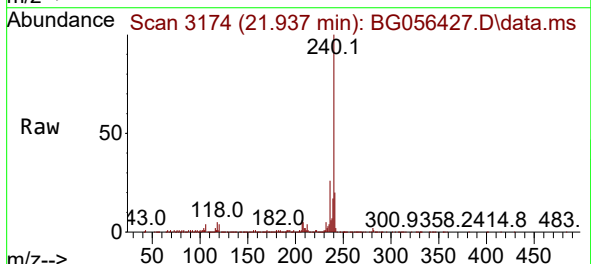
Instrument :
BNA_G
ClientSampleId :
TP-25

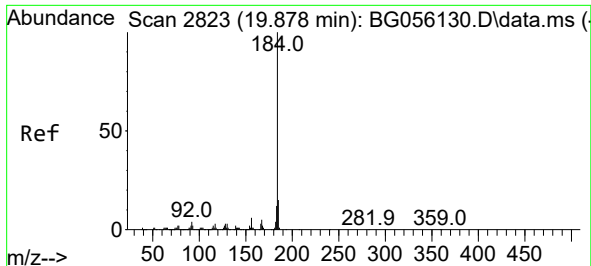
Tgt Ion:248 Resp: 18915
Ion Ratio Lower Upper
248 100
250 187.2 78.2 117.4#
141 395.3 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG056427.D
Acq: 25 Jan 2023 16:42

Tgt Ion:240 Resp: 270255
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.9 20.8 31.2

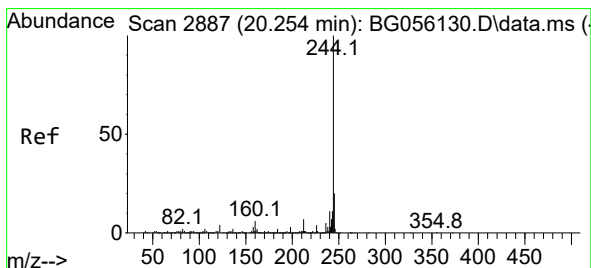
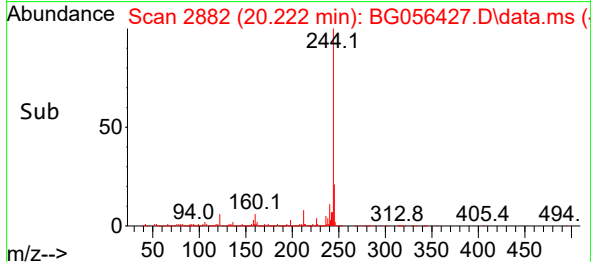
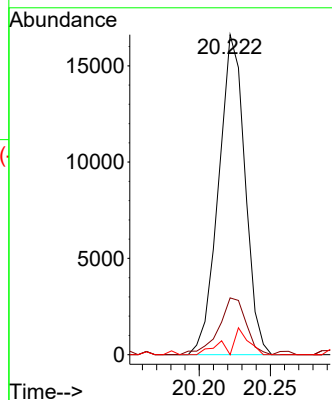
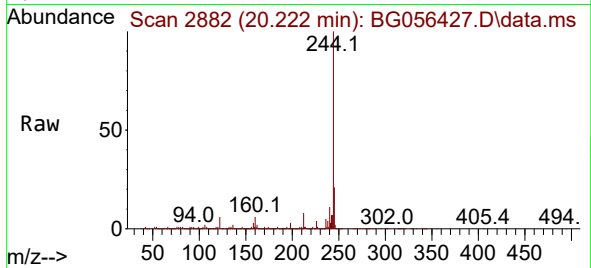




#77
Benzidine
Concen: 2.264 ng
RT: 20.222 min Scan# 2882
Delta R.T. 0.371 min
Lab File: BG056427.D
Acq: 25 Jan 2023 16:42

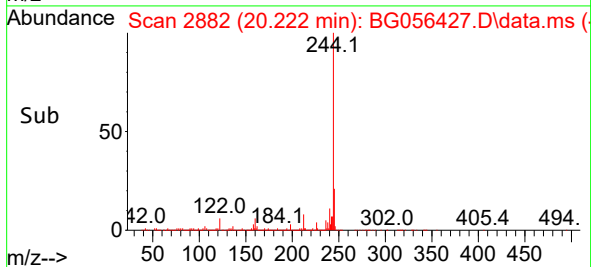
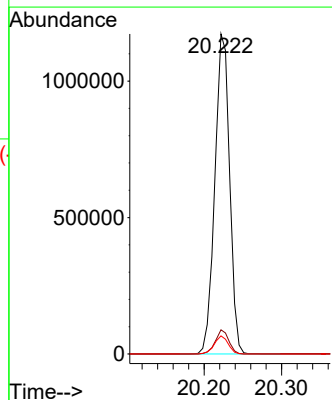
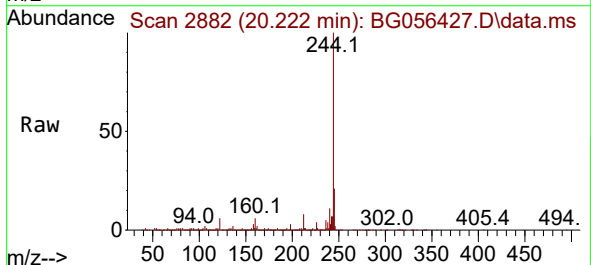
Instrument :
BNA_G
ClientSampleId :
TP-25

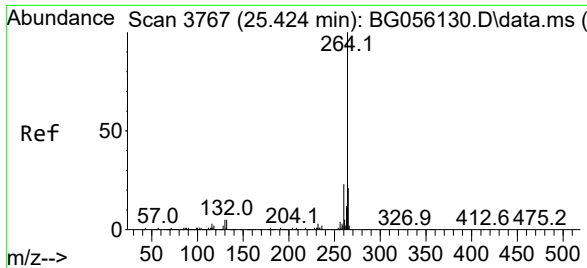
Tgt Ion:184 Resp: 21440
Ion Ratio Lower Upper
184 100
185 17.7 12.2 18.2
183 0.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 102.695 ng
RT: 20.222 min Scan# 2882
Delta R.T. -0.005 min
Lab File: BG056427.D
Acq: 25 Jan 2023 16:42

Tgt Ion:244 Resp: 1549585
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 5.7 3.5 5.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.374 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG056427.D
Acq: 25 Jan 2023 16:42

Instrument :
BNA_G
ClientSampleId :
TP-25

Tgt Ion:264 Resp: 295950

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	22.2	16.7	25.1

