

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
 Data File : BG056429.D
 Acq On : 25 Jan 2023 18:04
 Operator : CG/JU
 Sample : 01260-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-23

Quant Time: Jan 26 01:12:54 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)

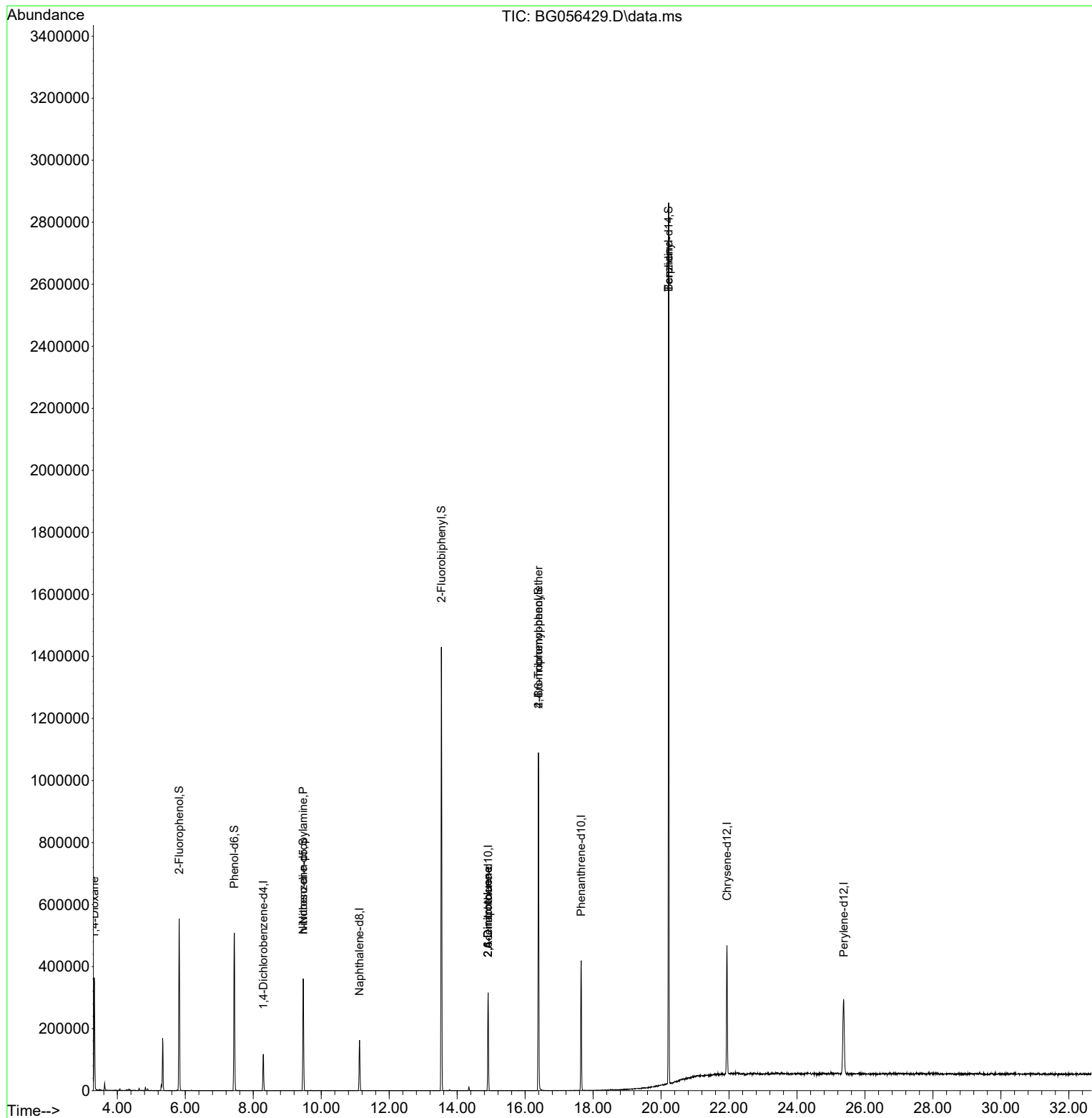
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	41296	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	154032	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	122974	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	300120	20.000	ng	0.00
76) Chrysene-d12	21.937	240	275043	20.000	ng	# 0.00
86) Perylene-d12	25.374	264	294788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.821	112	320388	138.525	ng	0.00
7) Phenol-d6	7.442	99	405142	114.064	ng	0.00
23) Nitrobenzene-d5	9.469	82	249773	82.946	ng	0.00
42) 2,4,6-Tribromophenol	16.391	330	235470	151.190	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	829870	93.188	ng	0.00
79) Terphenyl-d14	20.222	244	1515305	98.675	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.324	88	4737	4.484	ng	# 1
19) n-Nitroso-di-n-propyla...	9.469	70	30346	14.050	ng	# 74
51) 2,6-Dinitrotoluene	14.904	165	15928	7.530	ng	# 31
57) 2,4-Dinitrotoluene	14.904	165	15928	5.384	ng	# 28
67) 4-Bromophenyl-phenylether	16.391	248	18104	4.737	ng	# 1
77) Benzidine	20.222	184	20228	2.099	ng	# 93

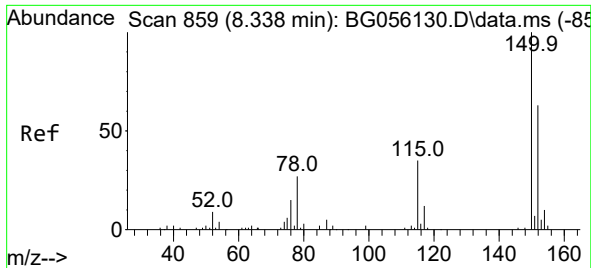
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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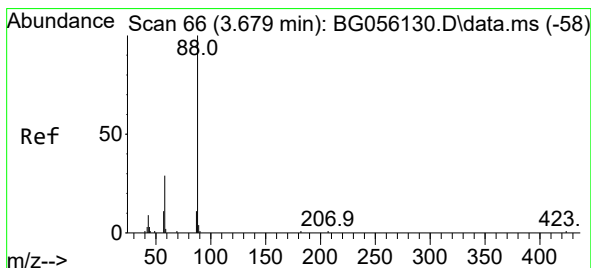
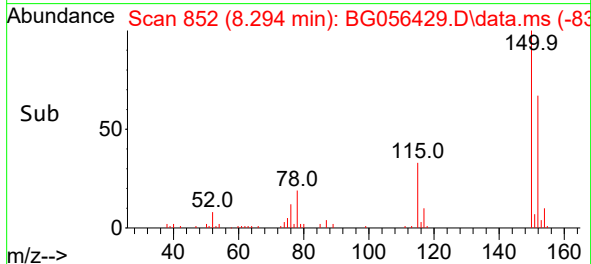
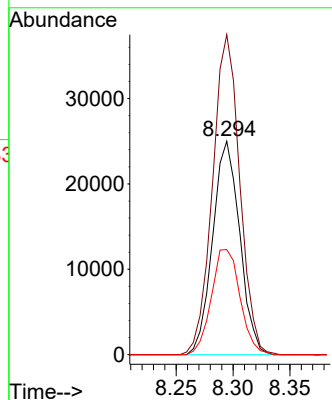
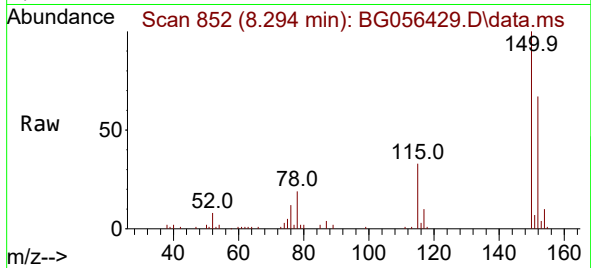




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.294 min Scan# 8
Delta R.T. 0.001 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

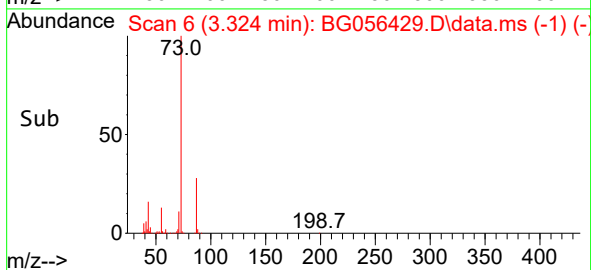
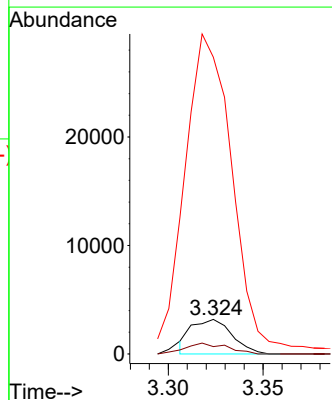
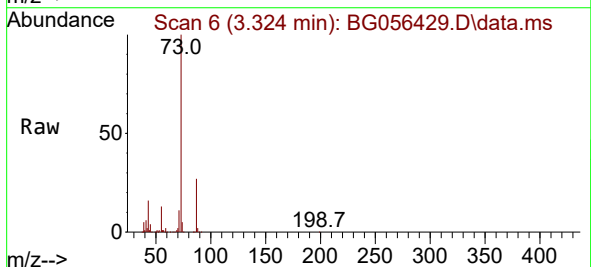
Instrument :
BNA_G
ClientSampleId :
TP-23

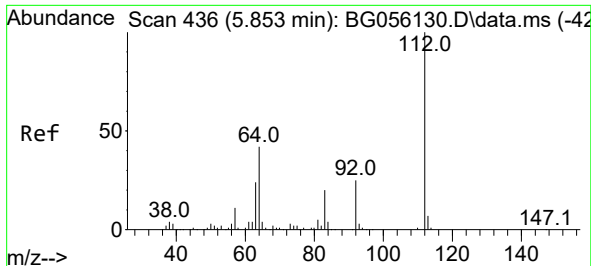
Tgt Ion:152 Resp: 41296
Ion Ratio Lower Upper
152 100
150 150.0 127.9 191.9
115 49.3 44.2 66.2



#2
1,4-Dioxane
Concen: 4.484 ng
RT: 3.324 min Scan# 6
Delta R.T. -0.293 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

Tgt Ion: 88 Resp: 4737
Ion Ratio Lower Upper
88 100
58 28.2 21.4 32.0
43 945.2 7.1 10.7#

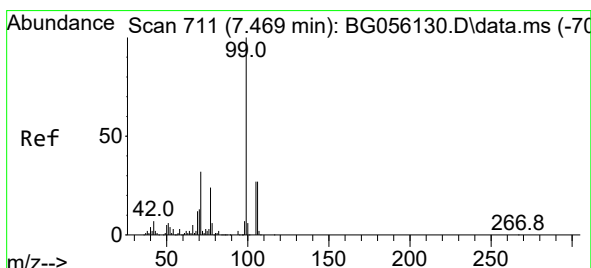
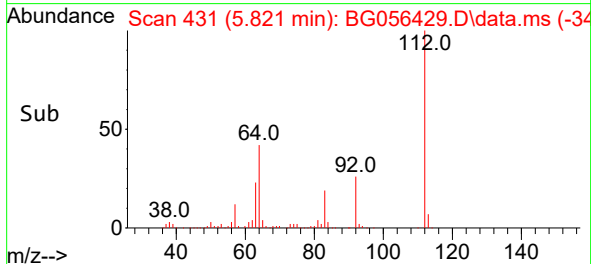
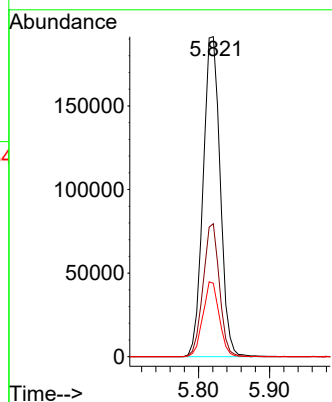
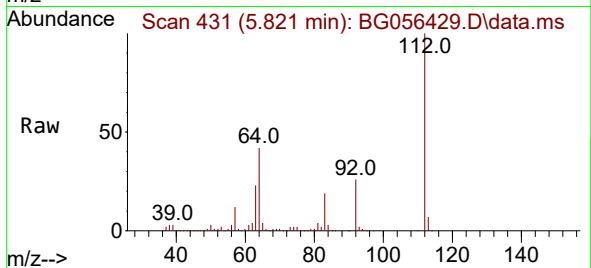




#5
2-Fluorophenol
Concen: 138.525 ng
RT: 5.821 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

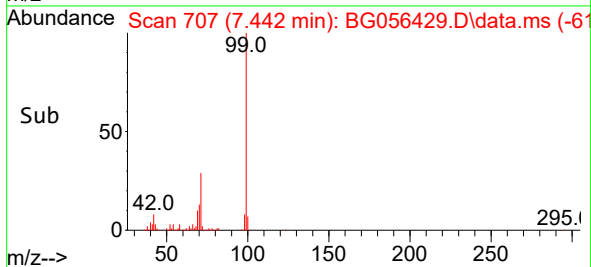
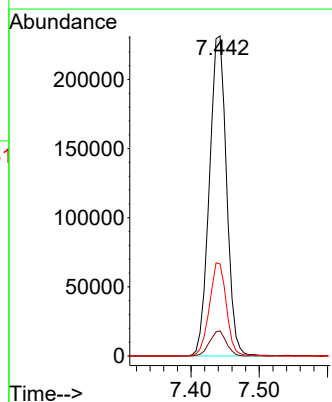
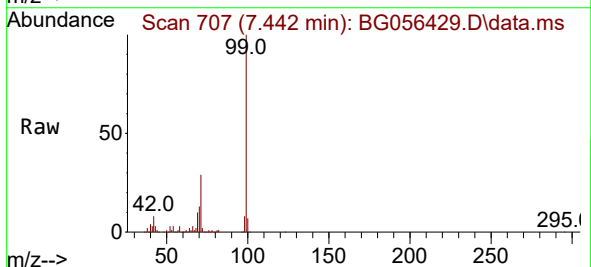
Instrument :
BNA_G
ClientSampleId :
TP-23

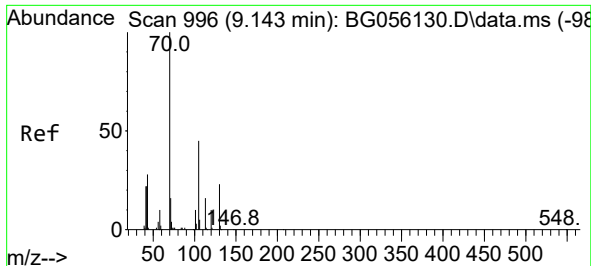
Tgt Ion:112 Resp: 320388
Ion Ratio Lower Upper
112 100
64 41.5 33.3 49.9
63 22.9 19.0 28.4



#7
Phenol-d6
Concen: 114.064 ng
RT: 7.442 min Scan# 707
Delta R.T. 0.007 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

Tgt Ion: 99 Resp: 405142
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 28.7 25.4 38.2

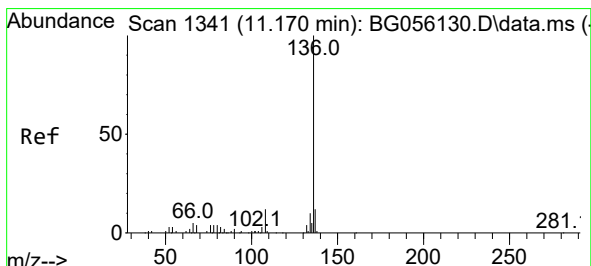
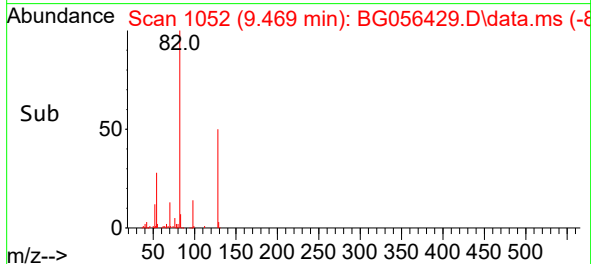
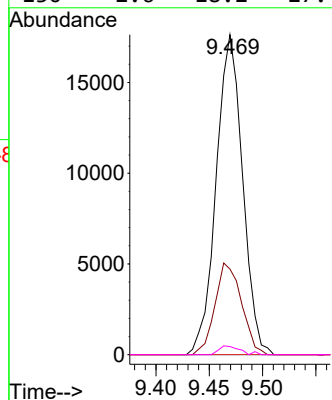
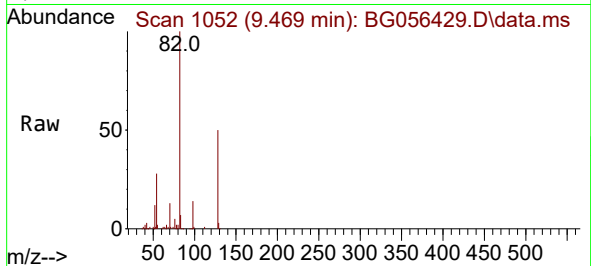




#19
n-Nitroso-di-n-propylamine
Concen: 14.050 ng
RT: 9.469 min Scan# 1052
Delta R.T. 0.371 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

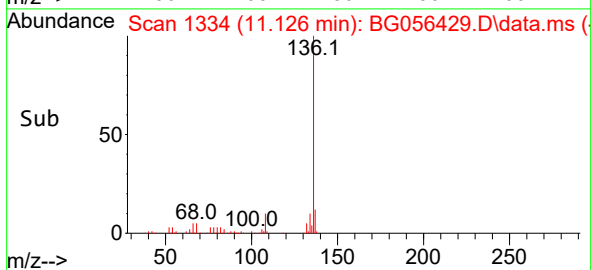
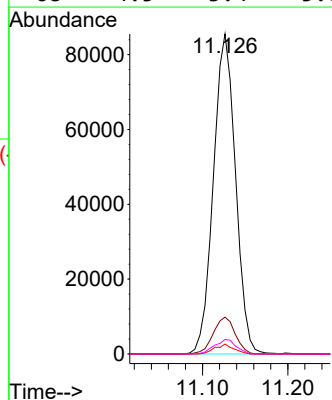
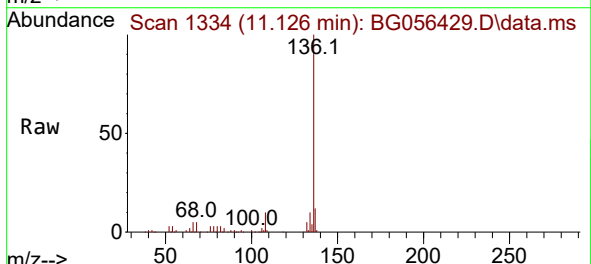
Instrument :
BNA_G
ClientSampleId :
TP-23

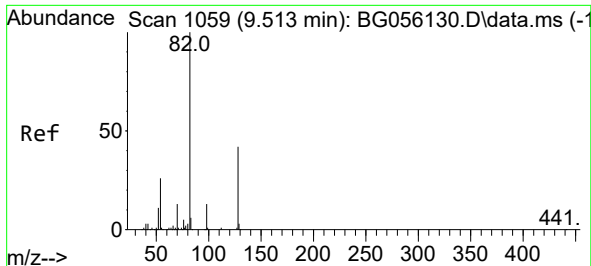
Tgt Ion: 70	Resp: 30346
Ion Ratio	Lower Upper
70 100	
42 26.7	18.2 27.2
101 0.0	8.3 12.5#
130 2.6	18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.126 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

Tgt Ion: 136	Resp: 154032
Ion Ratio	Lower Upper
136 100	
137 11.5	9.4 14.0
54 3.1	2.2 3.2
68 4.5	3.4 5.0

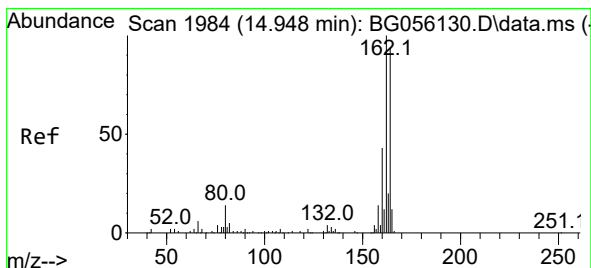
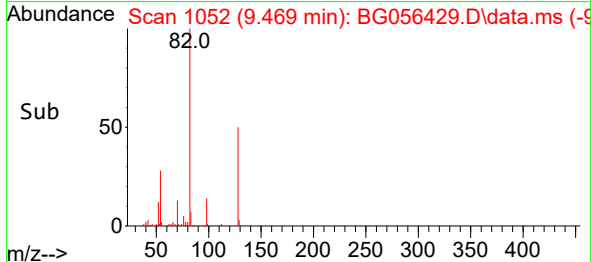
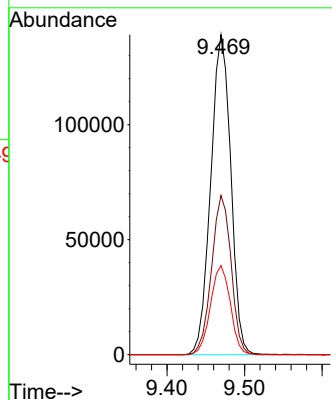
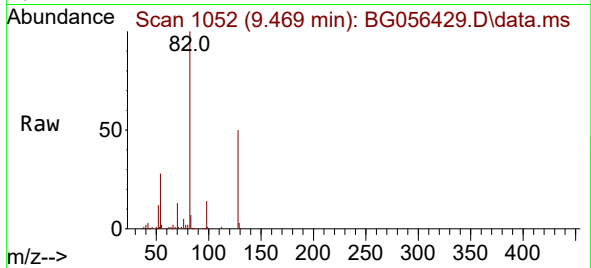




#23
Nitrobenzene-d5
Concen: 82.946 ng
RT: 9.469 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

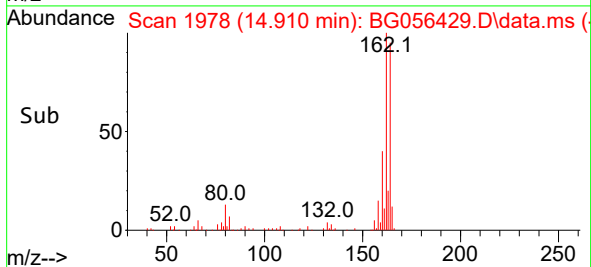
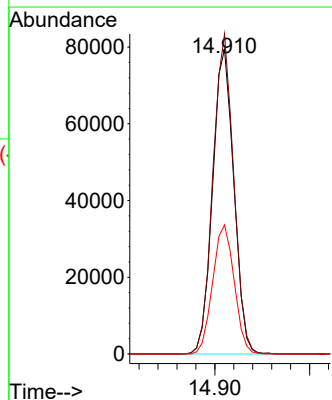
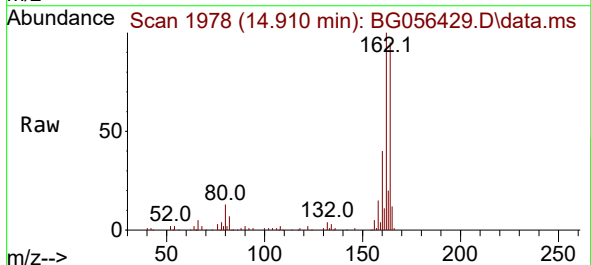
Instrument :
BNA_G
ClientSampleId :
TP-23

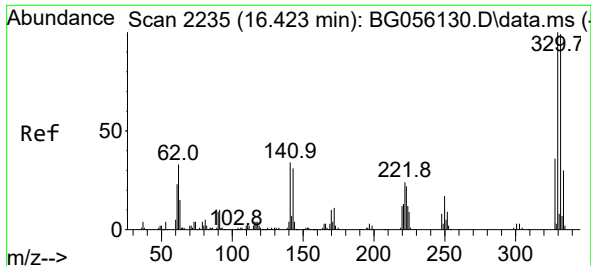
Tgt Ion: 82 Resp: 249773
Ion Ratio Lower Upper
82 100
128 49.8 33.4 50.2
54 27.9 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.910 min Scan# 1978
Delta R.T. -0.005 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

Tgt Ion:164 Resp: 122974
Ion Ratio Lower Upper
164 100
162 105.0 84.7 127.1
160 42.4 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 151.190 ng

RT: 16.391 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056429.D

Acq: 25 Jan 2023 18:04

Instrument :

BNA_G

ClientSampleId :

TP-23

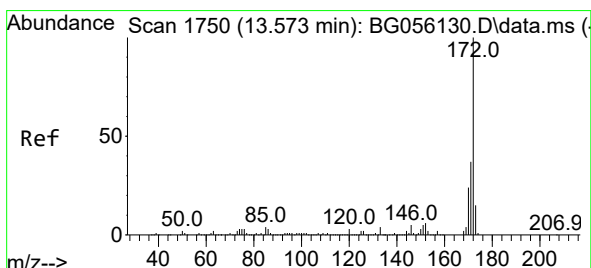
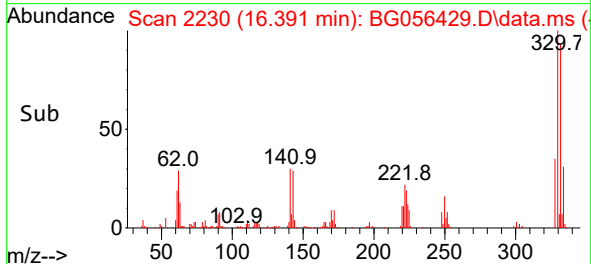
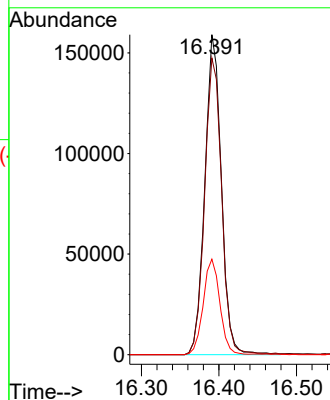
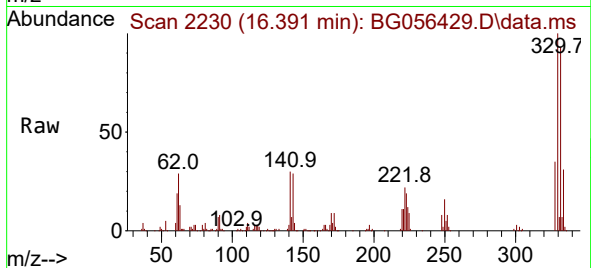
Tgt Ion:330 Resp: 235470

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 30.0 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 93.188 ng

RT: 13.535 min Scan# 1744

Delta R.T. -0.005 min

Lab File: BG056429.D

Acq: 25 Jan 2023 18:04

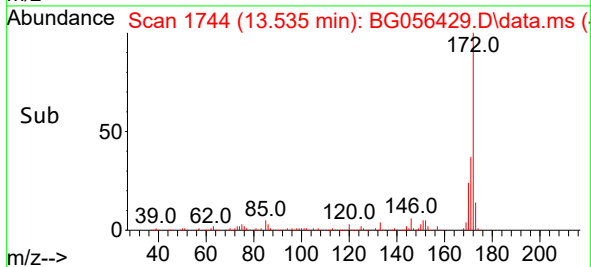
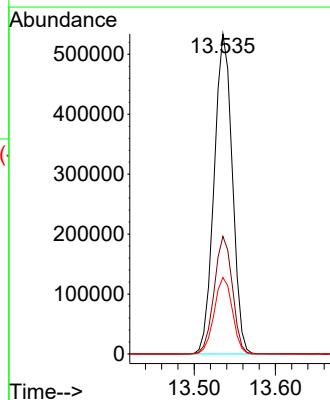
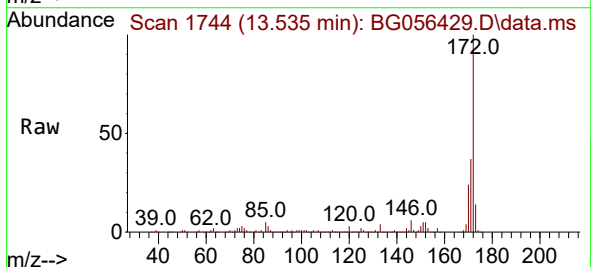
Tgt Ion:172 Resp: 829870

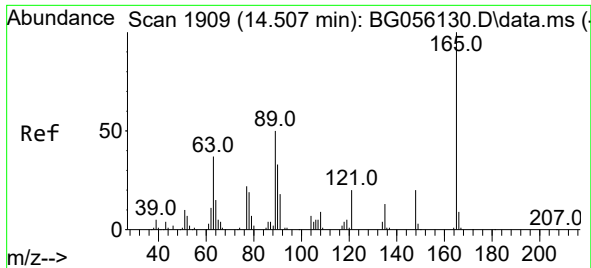
Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

170 23.9 19.4 29.2

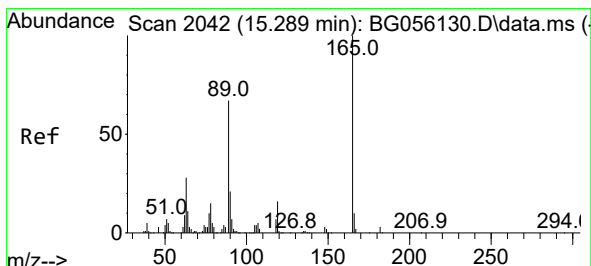
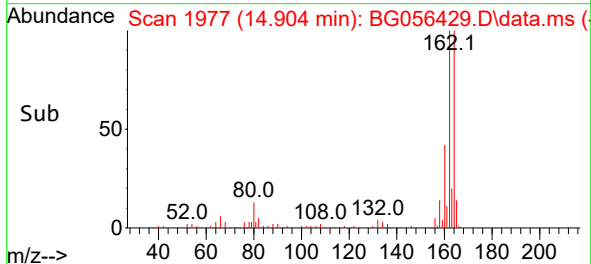
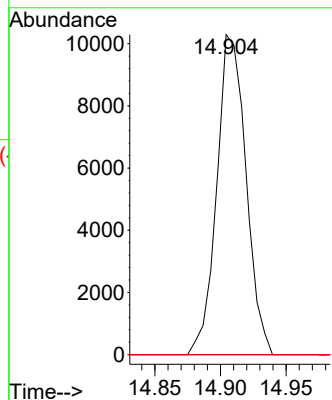
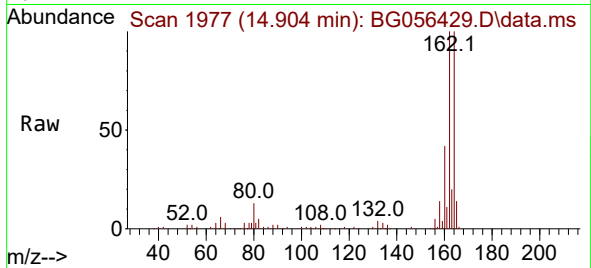




#51
2,6-Dinitrotoluene
Concen: 7.530 ng
RT: 14.904 min Scan# 1909
Delta R.T. 0.424 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

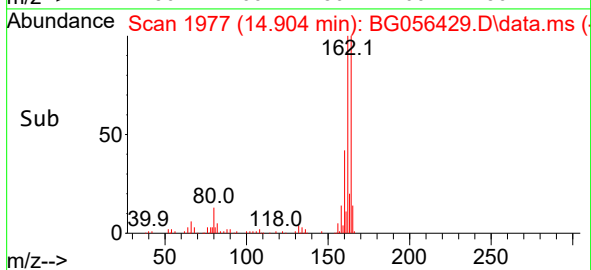
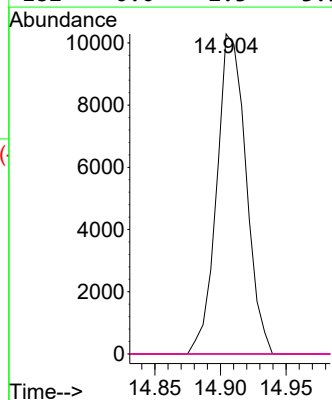
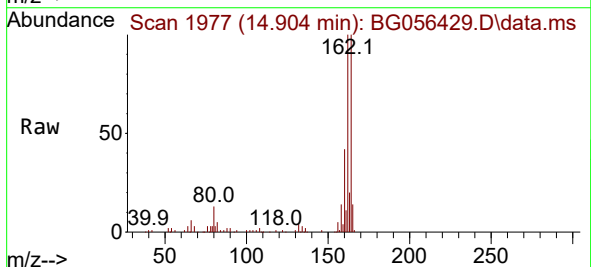
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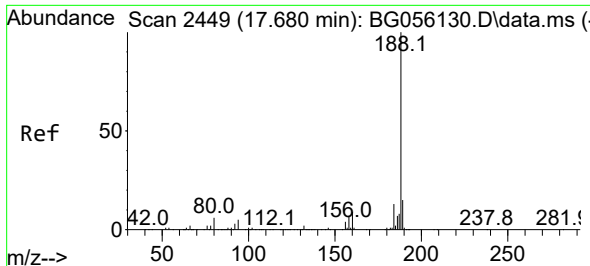
Tgt Ion:165 Resp: 15928
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 5.384 ng
RT: 14.904 min Scan# 1977
Delta R.T. -0.363 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

Tgt Ion:165 Resp: 15928
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#

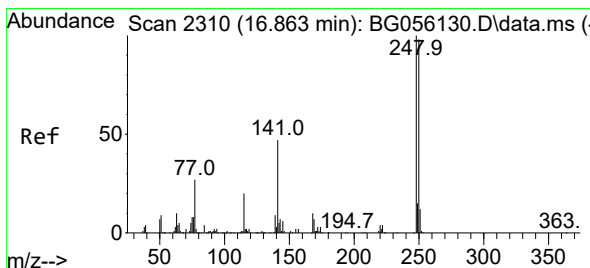
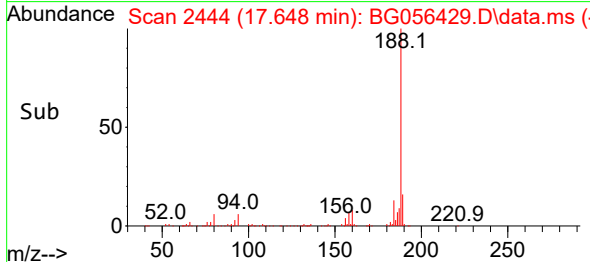
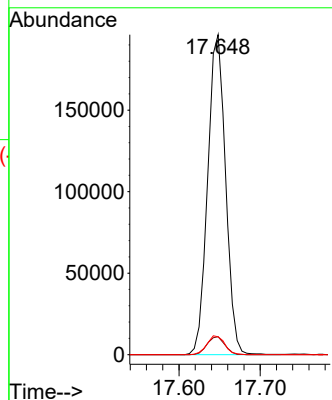
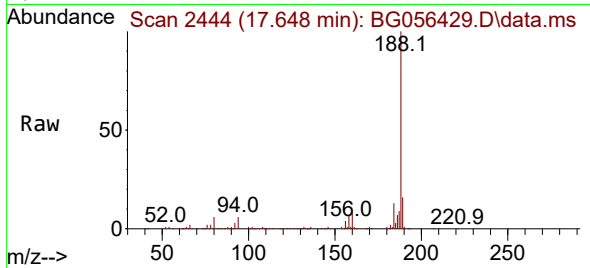




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.648 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

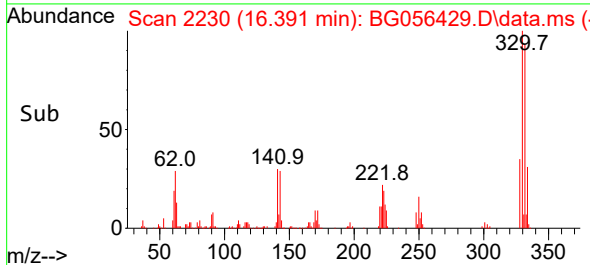
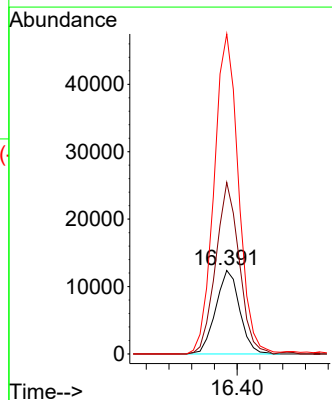
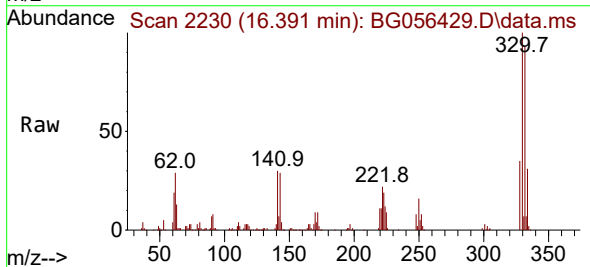
Instrument :
BNA_G
ClientSampleId :
TP-23

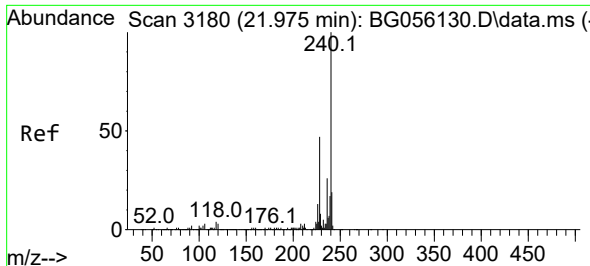
Tgt Ion:188 Resp: 300120
Ion Ratio Lower Upper
188 100
94 5.6 4.2 6.2
80 5.6 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 4.737 ng
RT: 16.391 min Scan# 2230
Delta R.T. -0.439 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

Tgt Ion:248 Resp: 18104
Ion Ratio Lower Upper
248 100
250 157.4 78.2 117.4#
141 293.7 37.6 56.4#

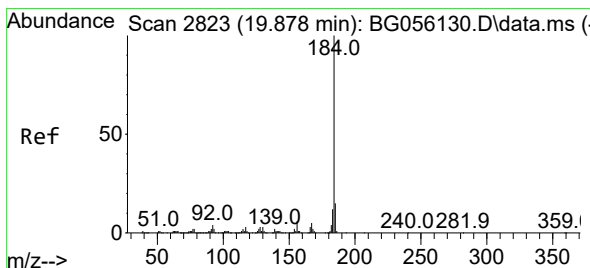
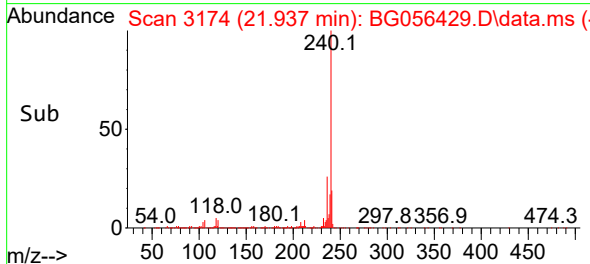
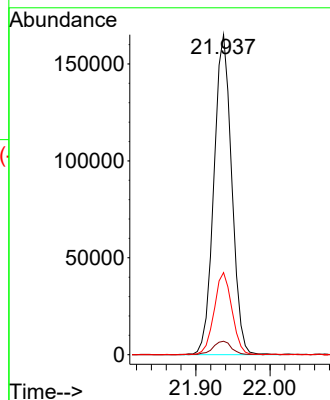
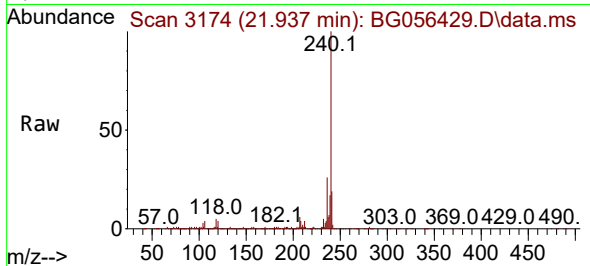




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3180
Delta R.T. -0.005 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

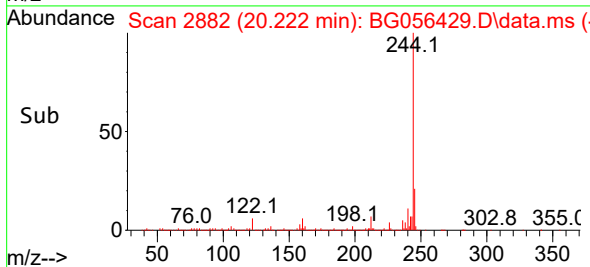
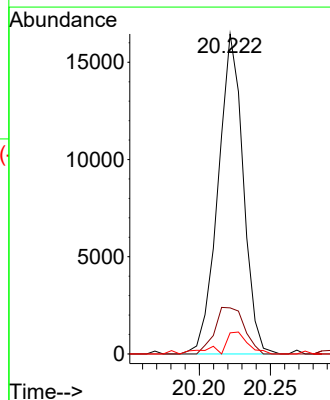
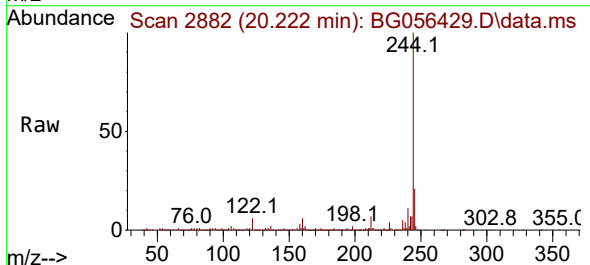
Instrument :
BNA_G
ClientSampleId :
TP-23

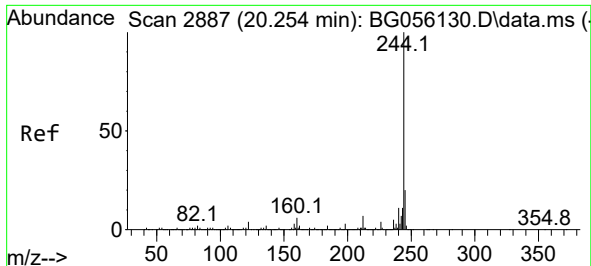
Tgt Ion:240 Resp: 275043
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.6 20.8 31.2



#77
Benzidine
Concen: 2.099 ng
RT: 20.222 min Scan# 2882
Delta R.T. 0.371 min
Lab File: BG056429.D
Acq: 25 Jan 2023 18:04

Tgt Ion:184 Resp: 20228
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 6.6 9.4 14.0#

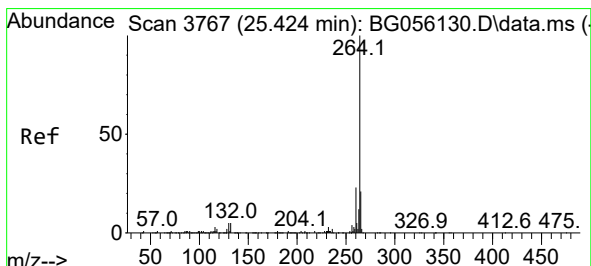
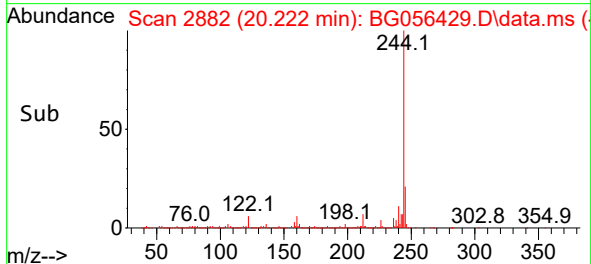
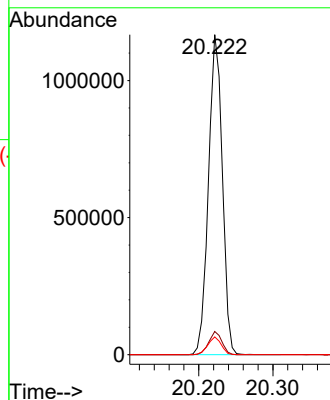
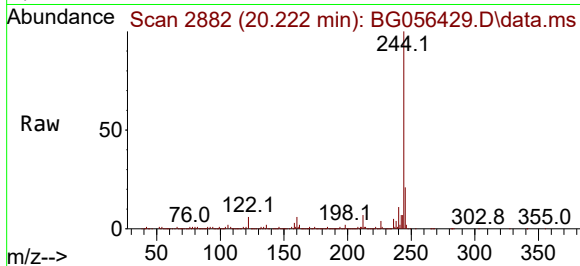




#79
 Terphenyl-d14
 Concen: 98.675 ng
 RT: 20.222 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056429.D
 Acq: 25 Jan 2023 18:04

Instrument :
 BNA_G
 ClientSampleId :
 TP-23

Tgt Ion:244 Resp: 1515305
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 5.6 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.374 min Scan# 3759
 Delta R.T. 0.001 min
 Lab File: BG056429.D
 Acq: 25 Jan 2023 18:04

Tgt Ion:264 Resp: 294788
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.6 28.0
 265 21.7 16.7 25.1

