

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
 Data File : BG056434.D
 Acq On : 25 Jan 2023 21:30
 Operator : CG/JU
 Sample : 01260-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Quant Time: Jan 26 01:13:59 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)

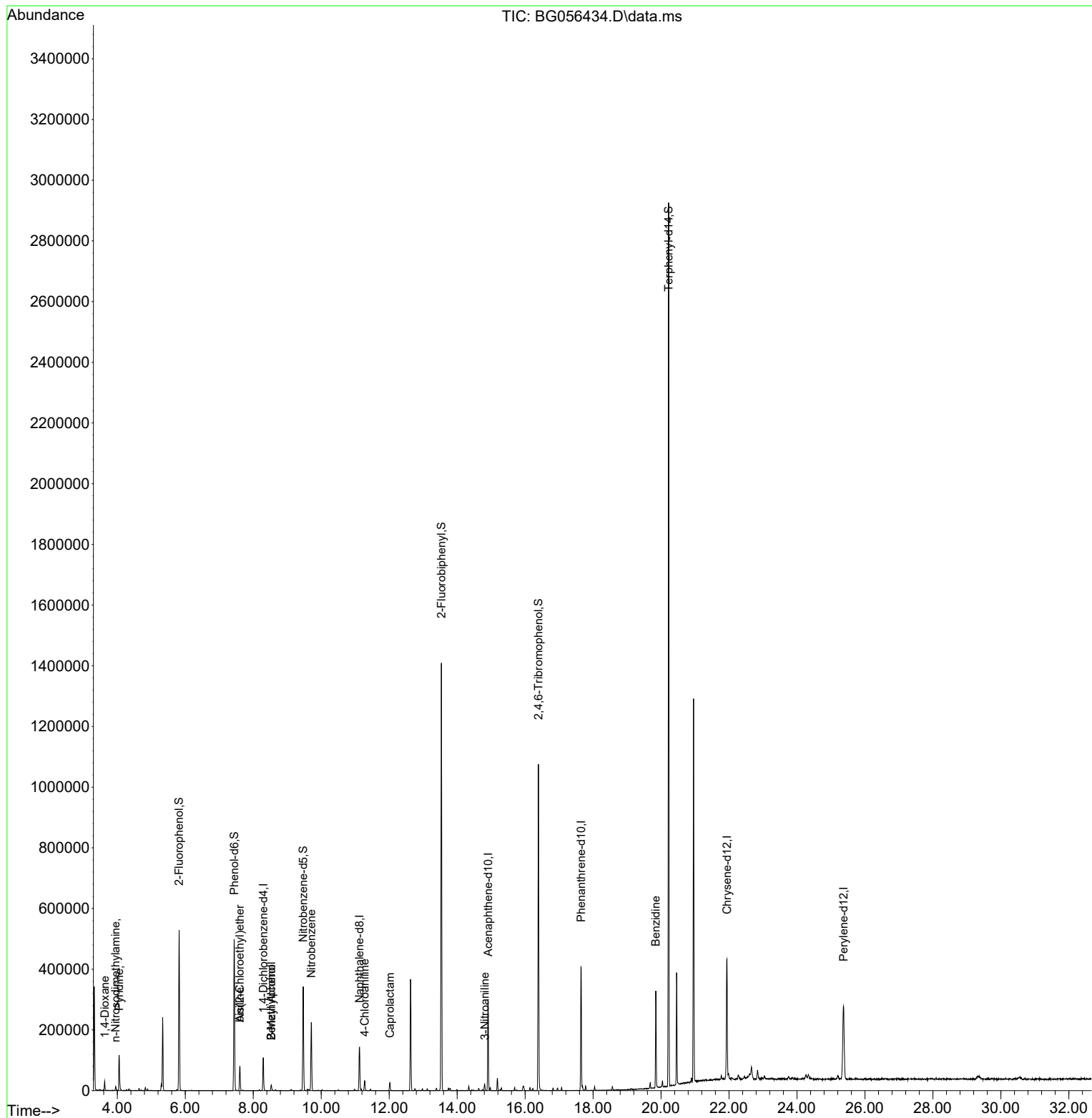
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.296	152	37185	20.000	ng	0.00
21) Naphthalene-d8	11.122	136	143469	20.000	ng	0.00
39) Acenaphthene-d10	14.912	164	115827	20.000	ng	0.00
64) Phenanthrene-d10	17.644	188	294552	20.000	ng	0.00
76) Chrysene-d12	21.939	240	274947	20.000	ng	# 0.00
86) Perylene-d12	25.370	264	296140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	307586	147.692	ng	0.00
7) Phenol-d6	7.439	99	386913	120.974	ng	0.00
23) Nitrobenzene-d5	9.471	82	240090	85.600	ng	0.00
42) 2,4,6-Tribromophenol	16.393	330	233469	159.155	ng	0.00
45) 2-Fluorobiphenyl	13.537	172	808824	96.429	ng	0.00
79) Terphenyl-d14	20.224	244	1563496	101.849	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.631	88	5607	5.894	ng	# 1
3) Pyridine	4.054	79	97349	33.600	ng	# 88
4) n-Nitrosodimethylamine	3.949	42	3923	6.656	ng	# 79
6) Aniline	7.603	93	68805	16.405	ng	97
11) bis(2-Chloroethyl)ether	7.603	93	68805	31.303	ng	# 35
15) Benzyl Alcohol	8.531	79	8638	3.711	ng	98
17) 2-Methylphenol	8.531	107	5882	2.471	ng	# 41
24) Nitrobenzene	9.707	77	92069	33.124	ng	# 38
33) 4-Chloroaniline	11.281	127	23148	6.421	ng	# 92
35) Caprolactam	12.021	113	9658	9.947	ng	94
53) 3-Nitroaniline	14.812	138	8754	4.617	ng	93
77) Benzidine	19.848	184	210312	21.827	ng	98

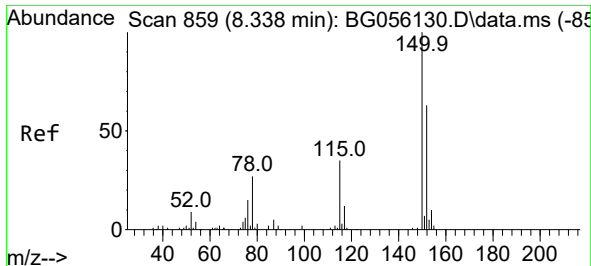
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
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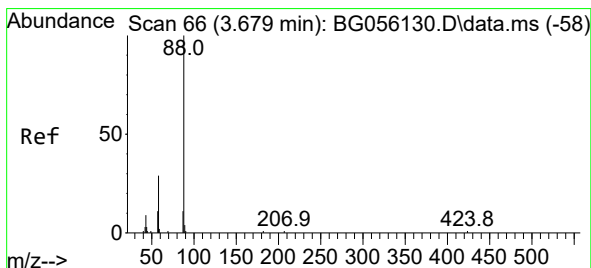
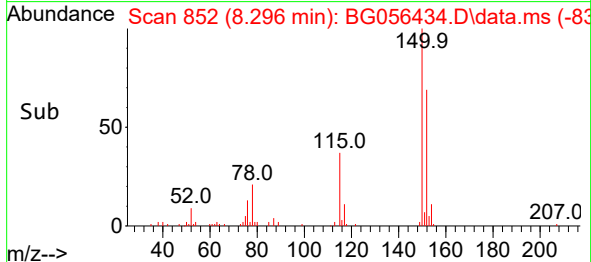
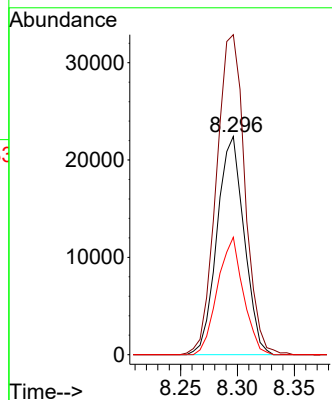
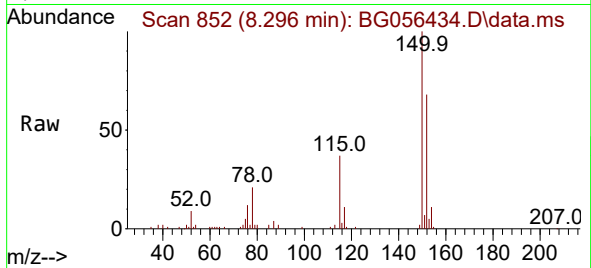




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.296 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: BG056434.D
 Acq: 25 Jan 2023 21:30

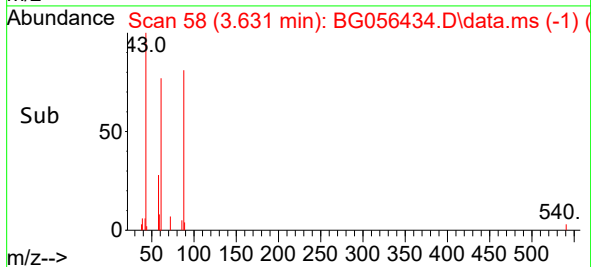
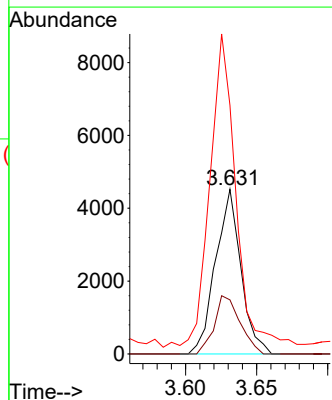
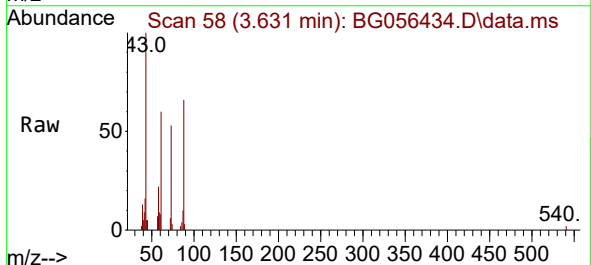
Instrument :
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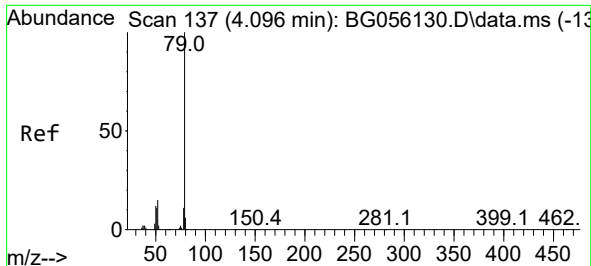
Tgt Ion:152 Resp: 37185
 Ion Ratio Lower Upper
 152 100
 150 146.6 127.9 191.9
 115 53.8 44.2 66.2



#2
 1,4-Dioxane
 Concen: 5.894 ng
 RT: 3.631 min Scan# 58
 Delta R.T. 0.015 min
 Lab File: BG056434.D
 Acq: 25 Jan 2023 21:30

Tgt Ion: 88 Resp: 5607
 Ion Ratio Lower Upper
 88 100
 58 35.8 21.4 32.0#
 43 188.5 7.1 10.7#

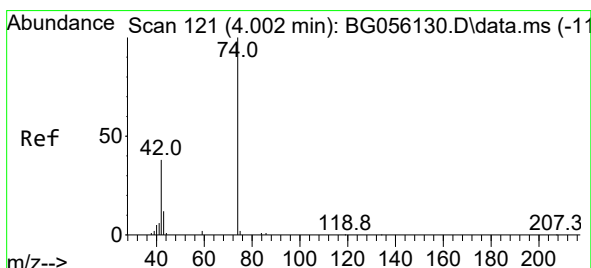
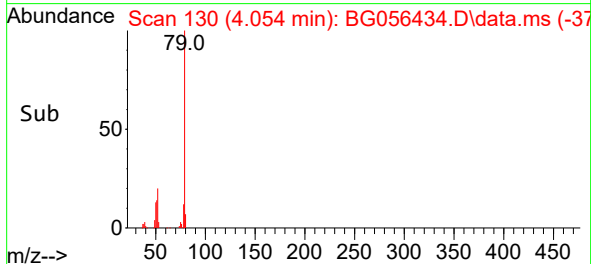
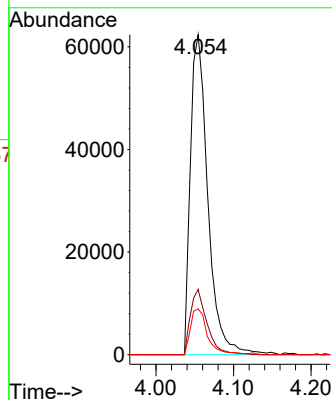
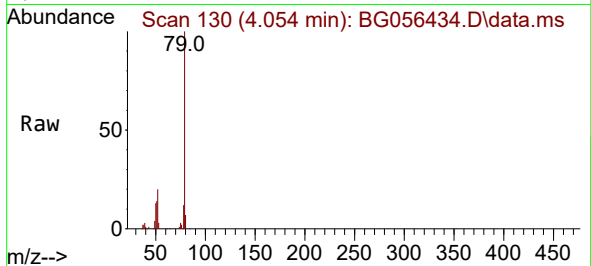




#3
Pyridine
Concen: 33.600 ng
RT: 4.054 min Scan# 11
Delta R.T. 0.015 min
Lab File: BG056434.D
Acq: 25 Jan 2023 21:30

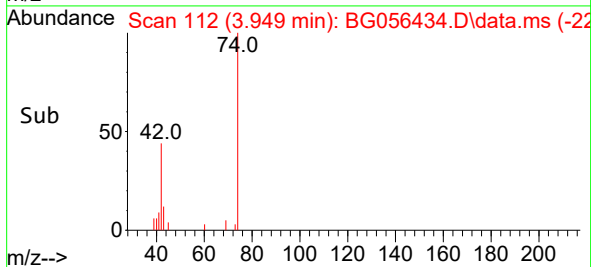
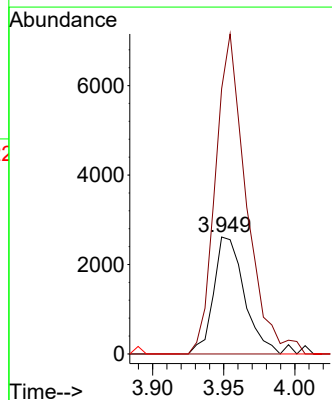
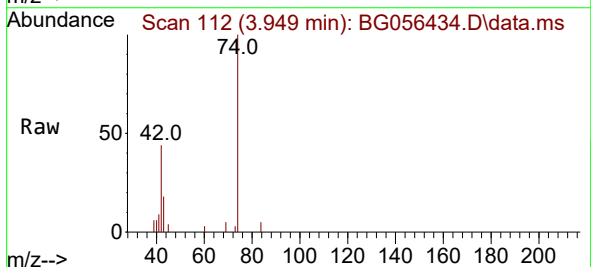
Instrument :
BNA_G
ClientSampleId :
TP-22

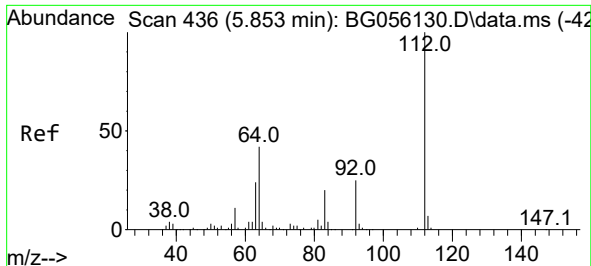
Tgt Ion: 79 Resp: 97349
Ion Ratio Lower Upper
79 100
52 20.4 11.8 17.6#
51 14.3 8.8 13.2#



#4
n-Nitrosodimethylamine
Concen: 6.656 ng
RT: 3.949 min Scan# 112
Delta R.T. -0.003 min
Lab File: BG056434.D
Acq: 25 Jan 2023 21:30

Tgt Ion: 42 Resp: 3923
Ion Ratio Lower Upper
42 100
74 226.8 212.6 319.0
44 0.0 2.6 3.8#

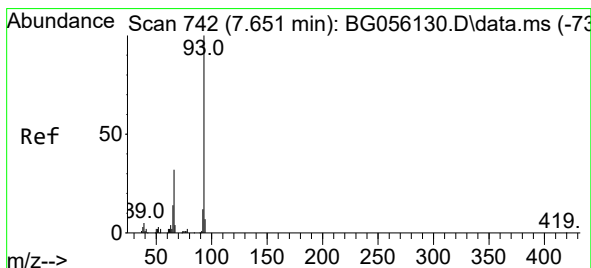
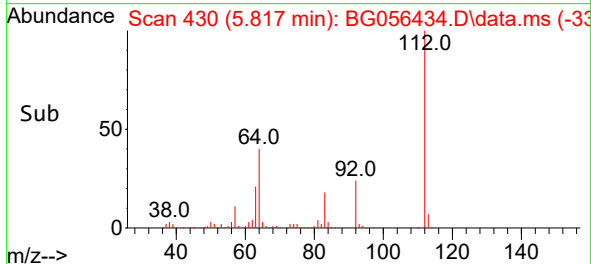
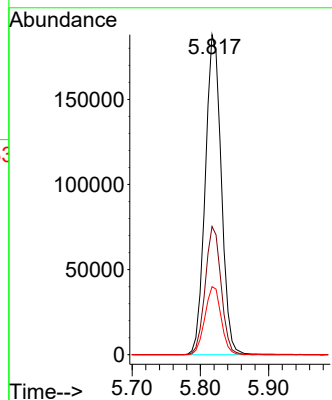
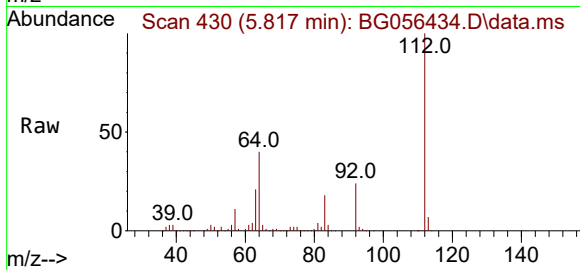




#5
2-Fluorophenol
Concen: 147.692 ng
RT: 5.817 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG056434.D
Acq: 25 Jan 2023 21:30

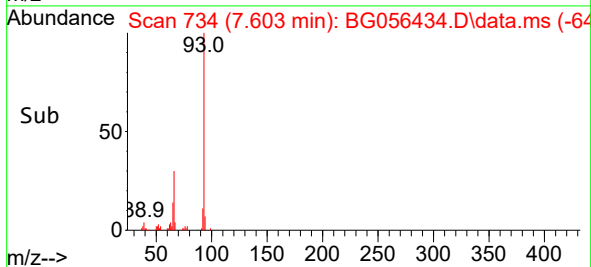
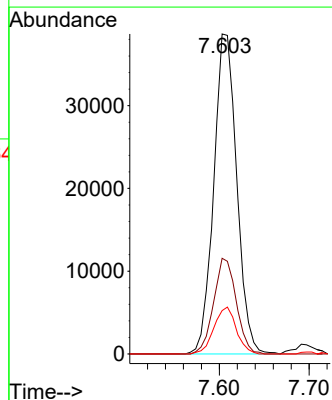
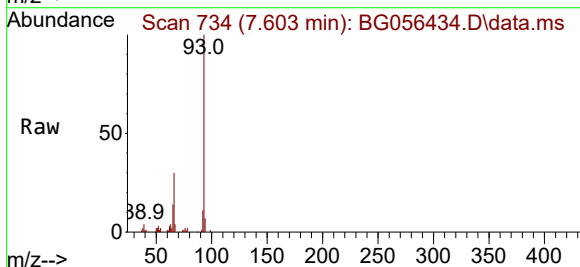
Instrument :
BNA_G
ClientSampleId :
TP-22

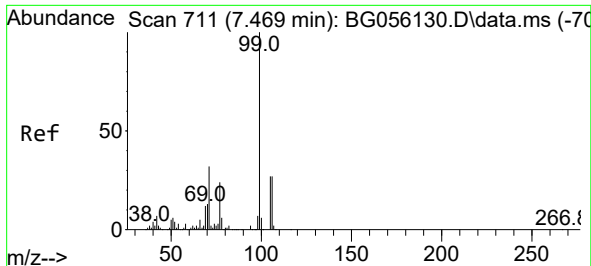
Tgt Ion:112 Resp: 307586
Ion Ratio Lower Upper
112 100
64 40.0 33.3 49.9
63 21.3 19.0 28.4



#6
Aniline
Concen: 16.405 ng
RT: 7.603 min Scan# 734
Delta R.T. -0.003 min
Lab File: BG056434.D
Acq: 25 Jan 2023 21:30

Tgt Ion: 93 Resp: 68805
Ion Ratio Lower Upper
93 100
66 29.9 25.4 38.2
65 13.5 11.4 17.2

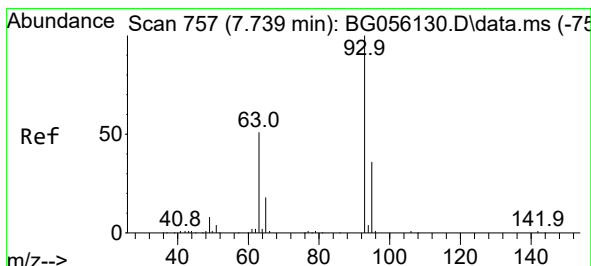
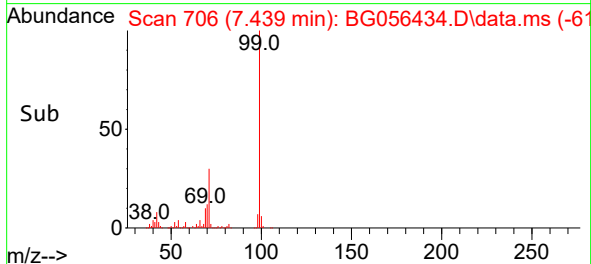
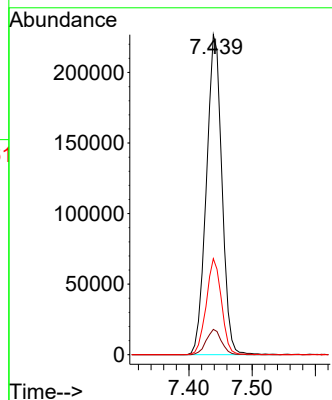
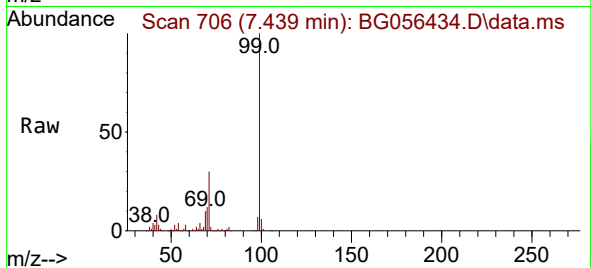




#7
Phenol-d6
Concen: 120.974 ng
RT: 7.439 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG056434.D
Acq: 25 Jan 2023 21:30

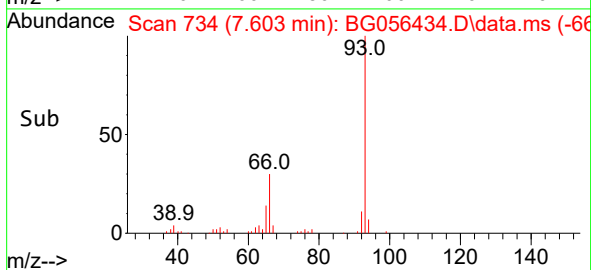
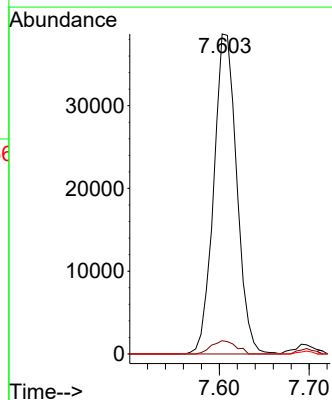
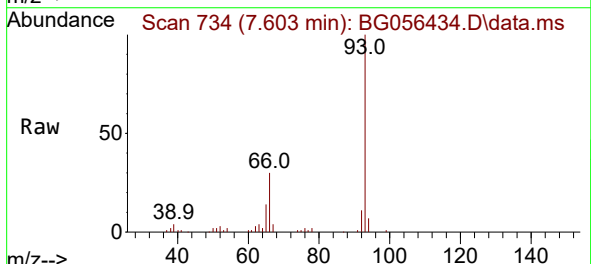
Instrument :
BNA_G
ClientSampleId :
TP-22

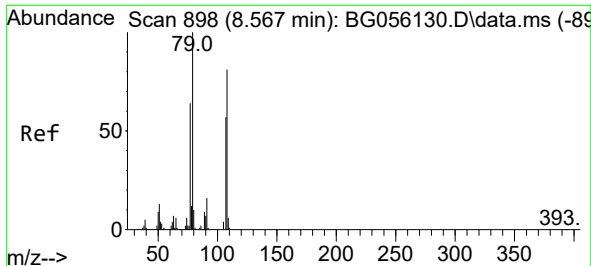
Tgt Ion: 99 Resp: 386913
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 30.0 25.4 38.2



#11
bis(2-Chloroethyl)ether
Concen: 31.303 ng
RT: 7.603 min Scan# 734
Delta R.T. -0.097 min
Lab File: BG056434.D
Acq: 25 Jan 2023 21:30

Tgt Ion: 93 Resp: 68805
Ion Ratio Lower Upper
93 100
63 4.1 30.5 70.5#
95 0.0 15.9 55.9#

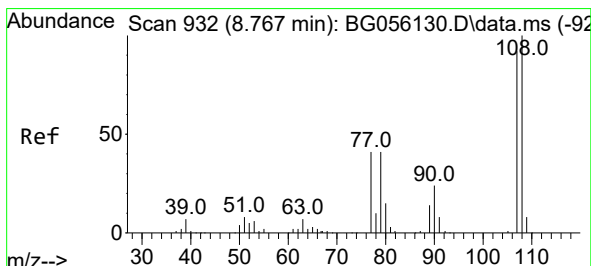
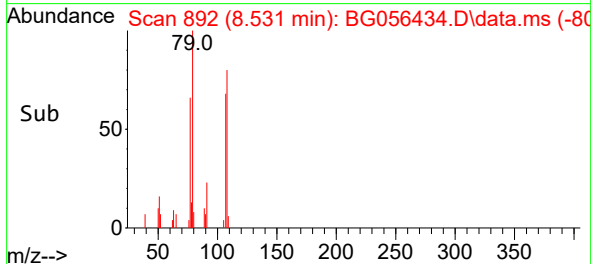
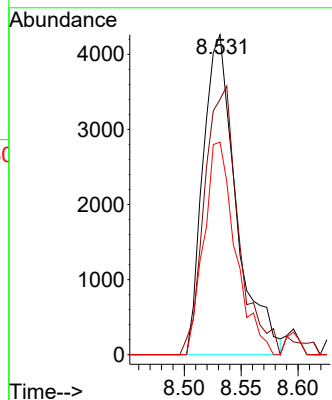
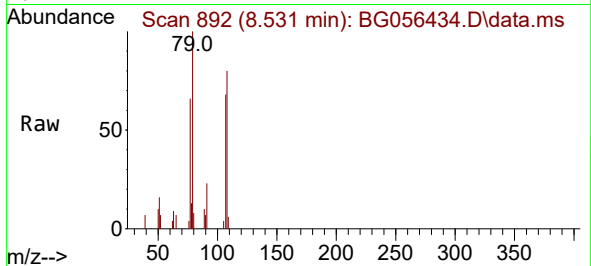




#15
Benzyl Alcohol
Concen: 3.711 ng
RT: 8.531 min Scan# 898
Delta R.T. 0.003 min
Lab File: BG056434.D
Acq: 25 Jan 2023 21:30

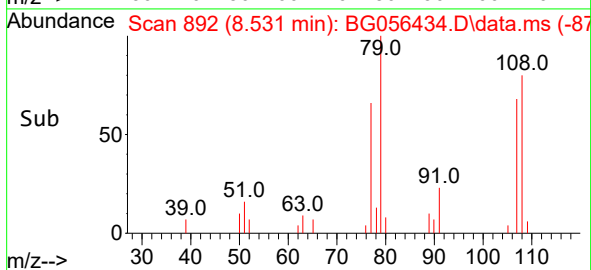
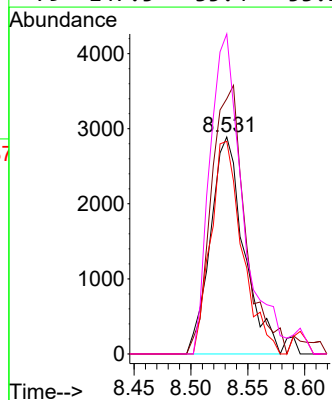
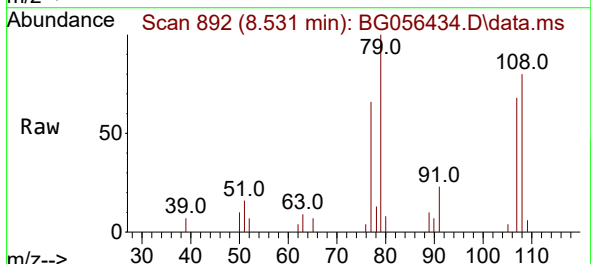
Instrument :
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ClientSampleId :
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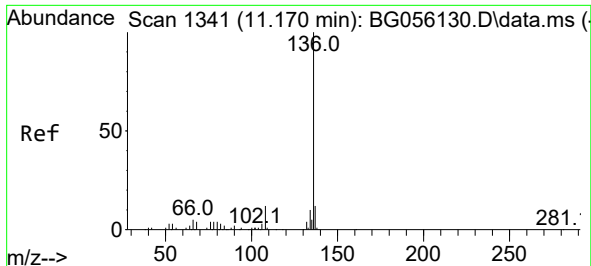
Tgt Ion: 79 Resp: 8638
Ion Ratio Lower Upper
79 100
108 79.8 64.7 97.1
77 66.4 51.5 77.3



#17
2-Methylphenol
Concen: 2.471 ng
RT: 8.531 min Scan# 892
Delta R.T. -0.202 min
Lab File: BG056434.D
Acq: 25 Jan 2023 21:30

Tgt Ion: 107 Resp: 5882
Ion Ratio Lower Upper
107 100
108 117.7 86.6 129.8
77 98.0 35.4 53.2#
79 147.5 35.4 53.2#

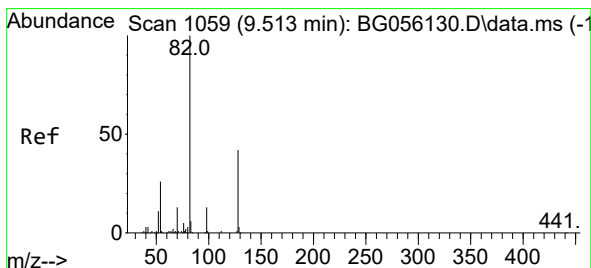
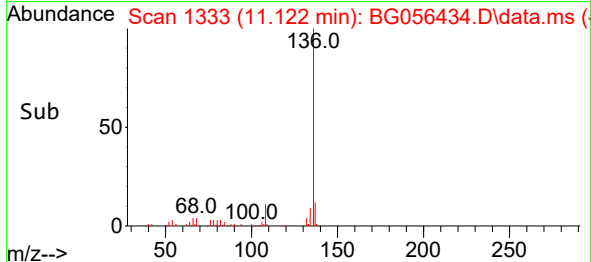
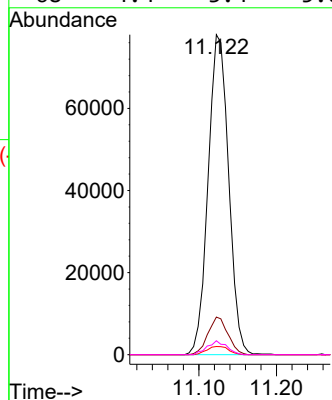
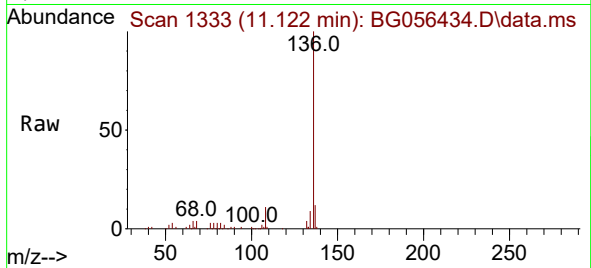




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.122 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG056434.D
Acq: 25 Jan 2023 21:30

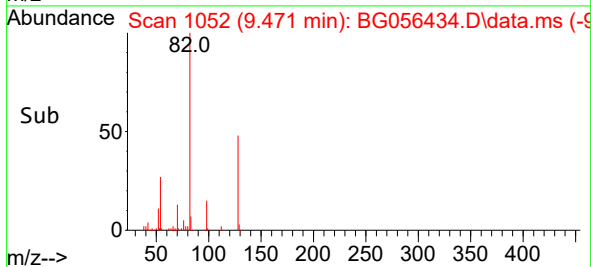
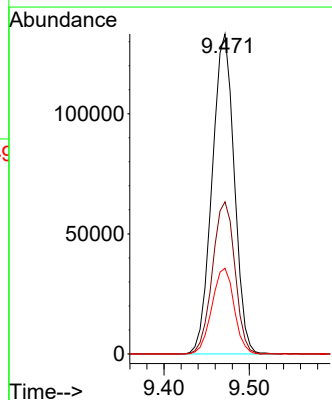
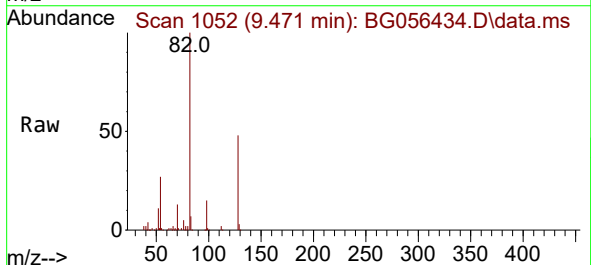
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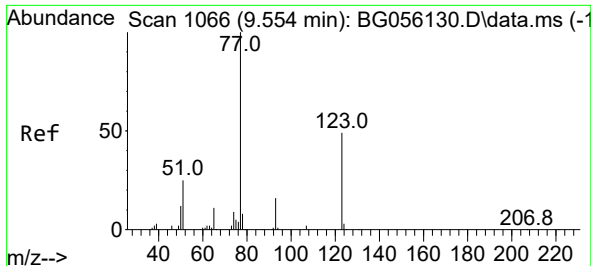
Tgt Ion:136 Resp: 143469
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.0
54 2.5 2.2 3.2
68 4.4 3.4 5.0



#23
Nitrobenzene-d5
Concen: 85.600 ng
RT: 9.471 min Scan# 1052
Delta R.T. -0.003 min
Lab File: BG056434.D
Acq: 25 Jan 2023 21:30

Tgt Ion: 82 Resp: 240090
Ion Ratio Lower Upper
82 100
128 47.6 33.4 50.2
54 26.8 20.3 30.5

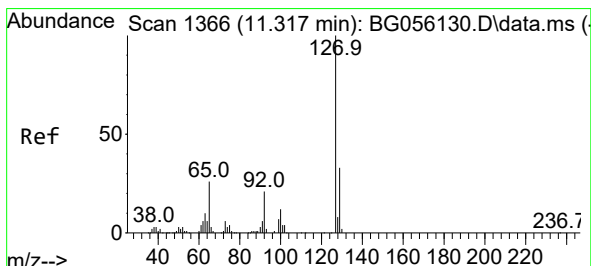
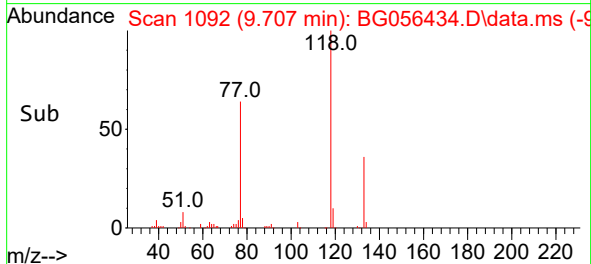
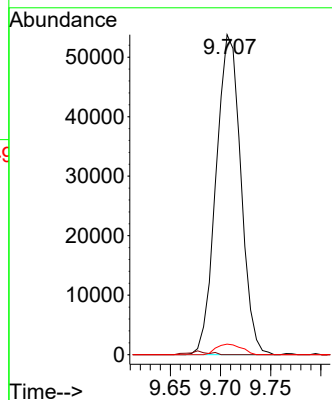
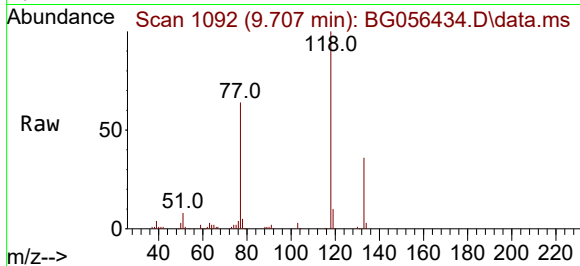




#24
Nitrobenzene
Concen: 33.124 ng
RT: 9.707 min Scan# 1092
Delta R.T. 0.191 min
Lab File: BG056434.D
Acq: 25 Jan 2023 21:30

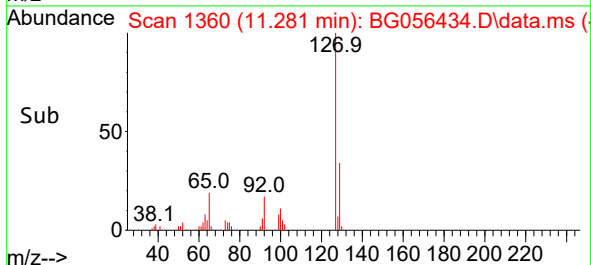
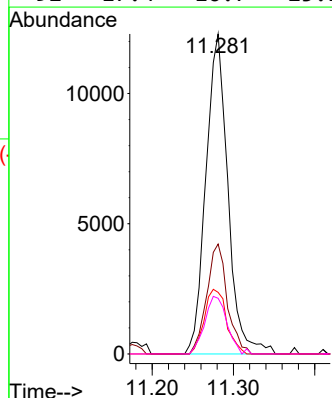
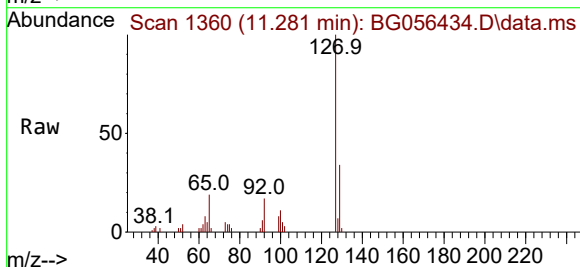
Instrument :
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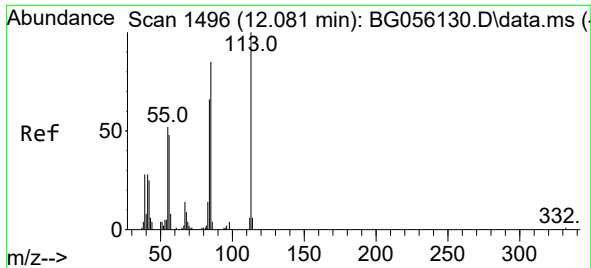
Tgt Ion: 77 Resp: 92069
Ion Ratio Lower Upper
77 100
123 0.0 38.8 58.2#
65 3.3 9.1 13.7#



#33
4-Chloroaniline
Concen: 6.421 ng
RT: 11.281 min Scan# 1360
Delta R.T. 0.003 min
Lab File: BG056434.D
Acq: 25 Jan 2023 21:30

Tgt Ion: 127 Resp: 23148
Ion Ratio Lower Upper
127 100
129 34.4 26.1 39.1
65 19.2 20.9 31.3#
92 17.4 16.7 25.1

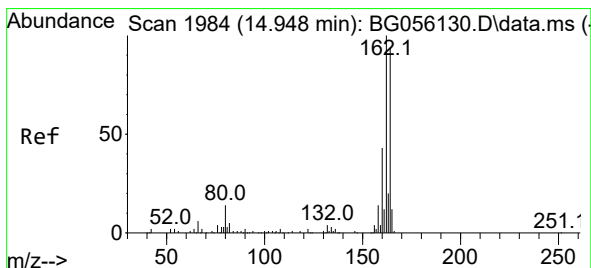
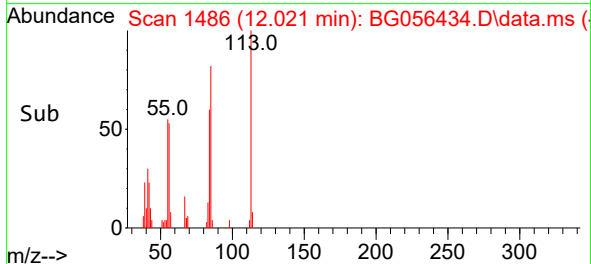
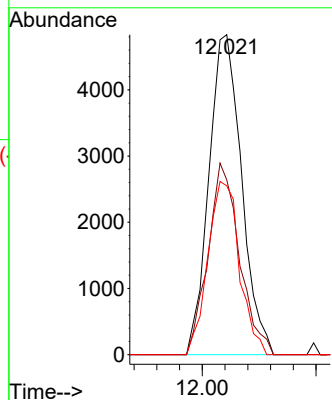
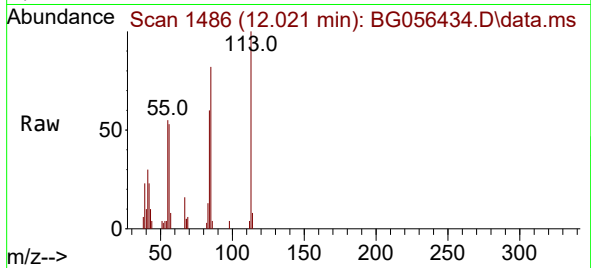




#35
 Caprolactam
 Concen: 9.947 ng
 RT: 12.021 min Scan# 1496
 Delta R.T. -0.032 min
 Lab File: BG056434.D
 Acq: 25 Jan 2023 21:30

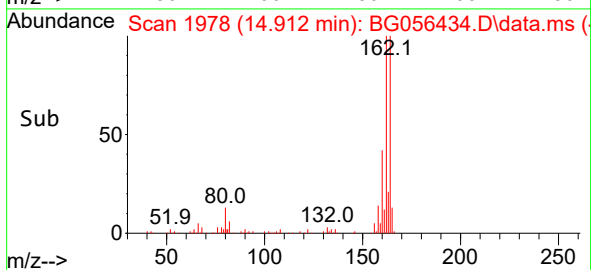
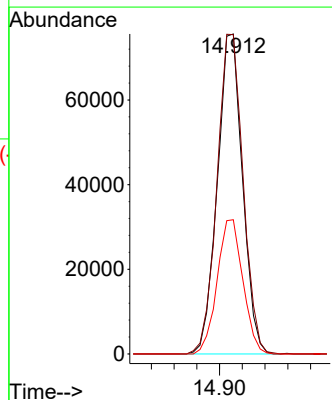
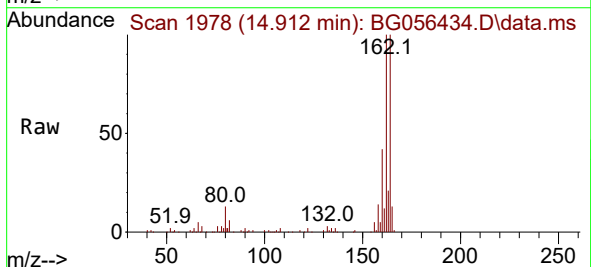
Instrument :
 BNA_G
 ClientSampleId :
 TP-22

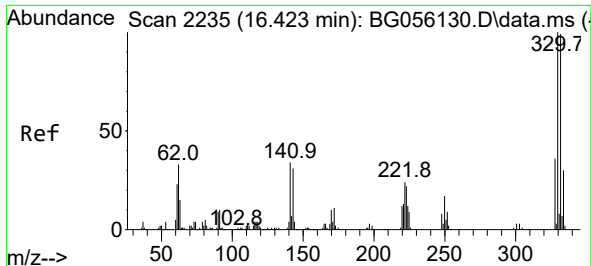
Tgt Ion:	113	Resp:	9658
Ion Ratio	Lower	Upper	
113	100		
55	54.6	31.9	71.9
56	52.8	27.6	67.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.912 min Scan# 1978
 Delta R.T. -0.003 min
 Lab File: BG056434.D
 Acq: 25 Jan 2023 21:30

Tgt Ion:	164	Resp:	115827
Ion Ratio	Lower	Upper	
164	100		
162	99.8	84.7	127.1
160	42.0	36.3	54.5

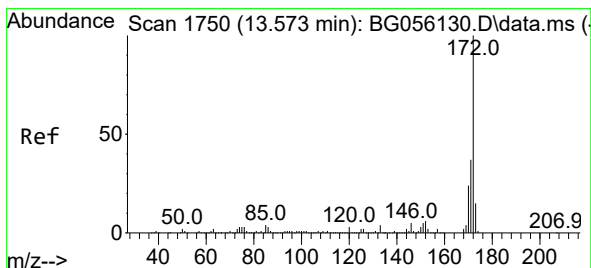
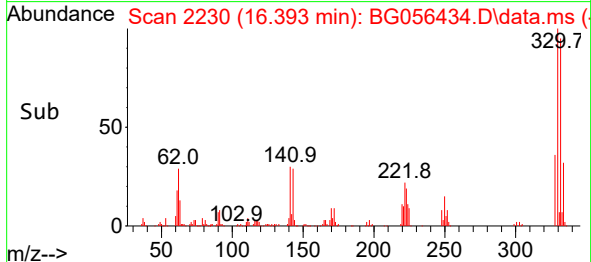
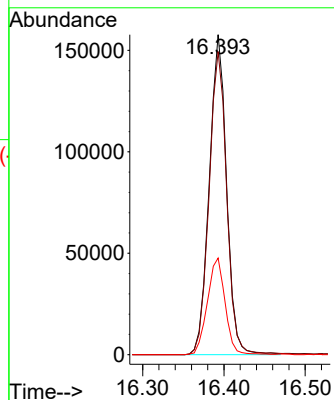
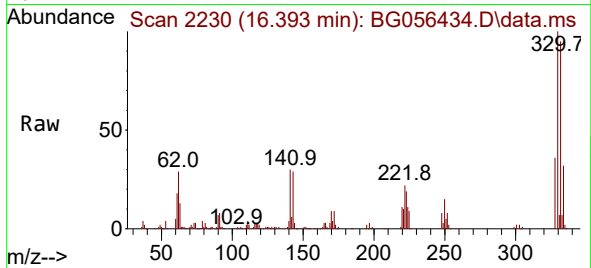




#42
 2,4,6-Tribromophenol
 Concen: 159.155 ng
 RT: 16.393 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056434.D
 Acq: 25 Jan 2023 21:30

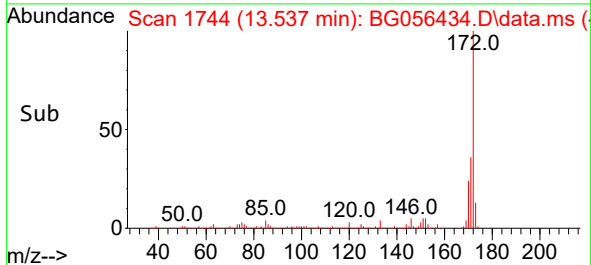
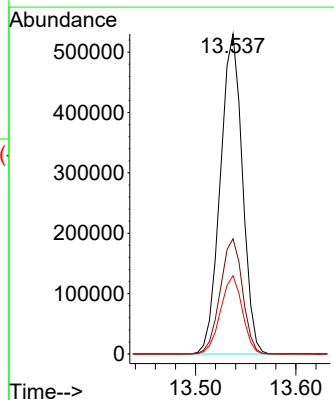
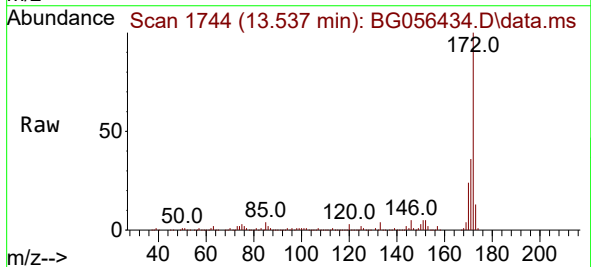
Instrument :
 BNA_G
 ClientSampleId :
 TP-22

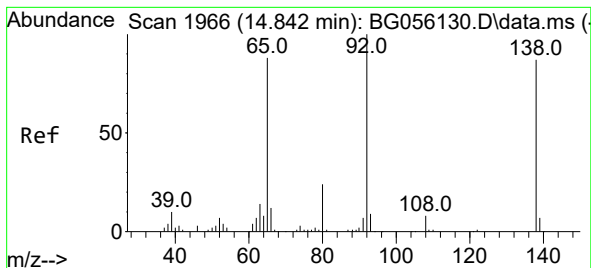
Tgt Ion:330 Resp: 233469
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 30.9 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 96.429 ng
 RT: 13.537 min Scan# 1744
 Delta R.T. -0.003 min
 Lab File: BG056434.D
 Acq: 25 Jan 2023 21:30

Tgt Ion:172 Resp: 808824
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.4 19.4 29.2





#53

3-Nitroaniline

Concen: 4.617 ng

RT: 14.812 min Scan# 1966

Delta R.T. -0.003 min

Lab File: BG056434.D

Acq: 25 Jan 2023 21:30

Instrument :

BNA_G

ClientSampleId :

TP-22

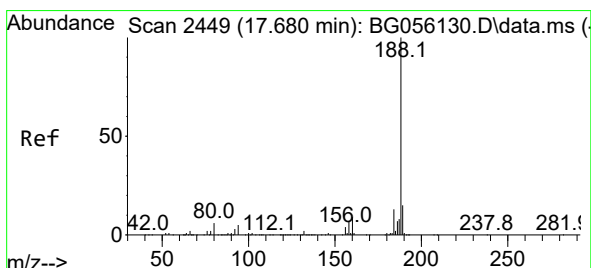
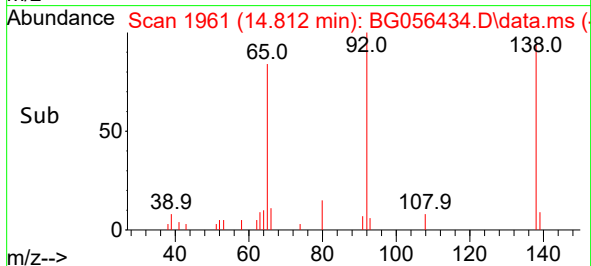
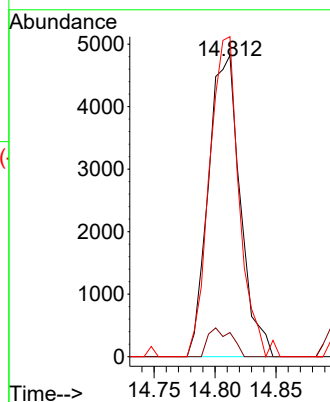
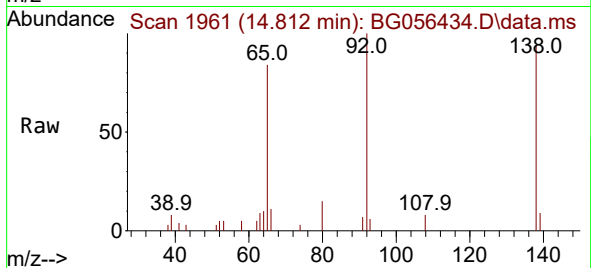
Tgt Ion:138 Resp: 8754

Ion Ratio Lower Upper

138 100

108 8.0 7.6 11.4

92 106.2 91.7 137.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.644 min Scan# 2443

Delta R.T. -0.009 min

Lab File: BG056434.D

Acq: 25 Jan 2023 21:30

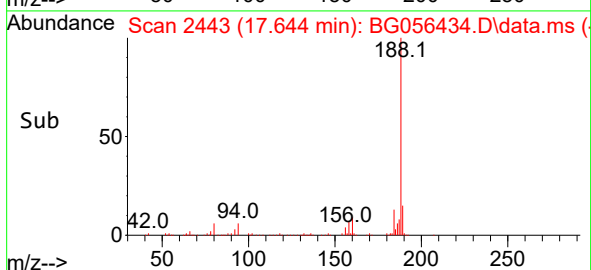
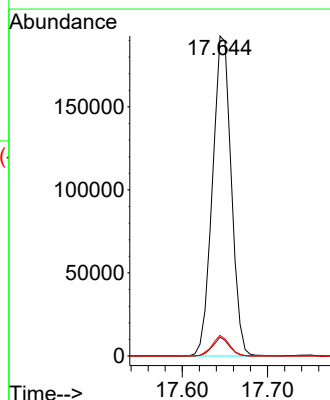
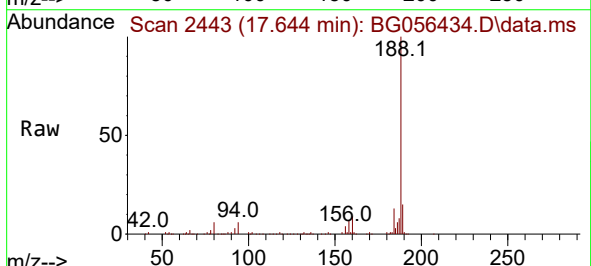
Tgt Ion:188 Resp: 294552

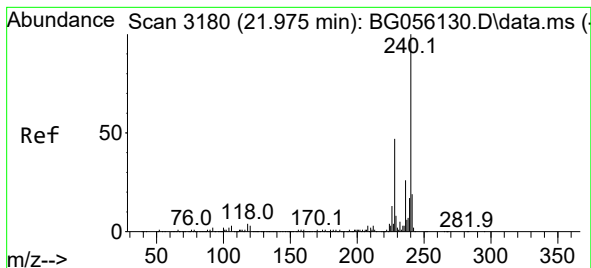
Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.2

80 6.5 5.0 7.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.939 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG056434.D

Acq: 25 Jan 2023 21:30

Instrument :

BNA_G

ClientSampleId :

TP-22

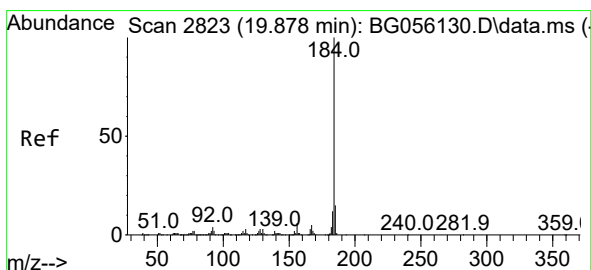
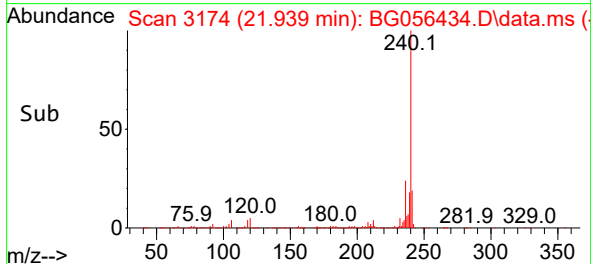
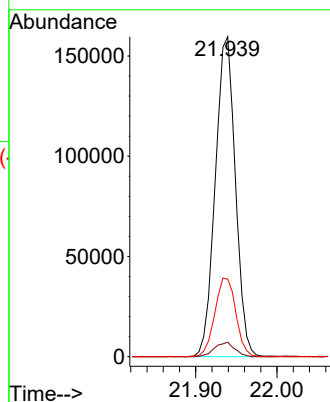
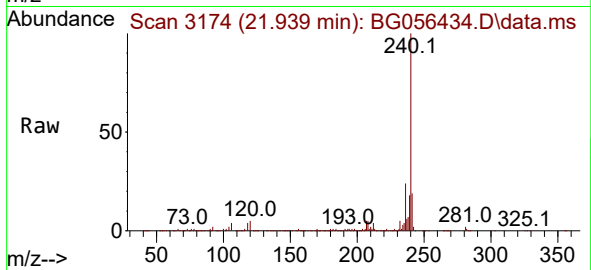
Tgt Ion:240 Resp: 274947

Ion Ratio Lower Upper

240 100

120 4.6 2.6 4.0#

236 24.3 20.8 31.2



#77

Benzidine

Concen: 21.827 ng

RT: 19.848 min Scan# 2818

Delta R.T. -0.003 min

Lab File: BG056434.D

Acq: 25 Jan 2023 21:30

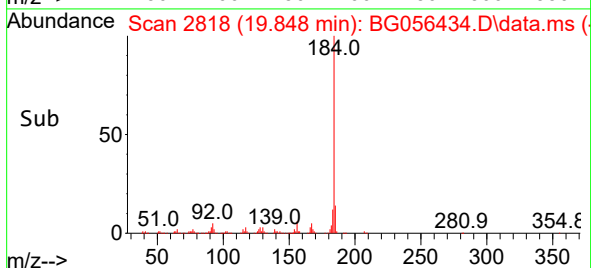
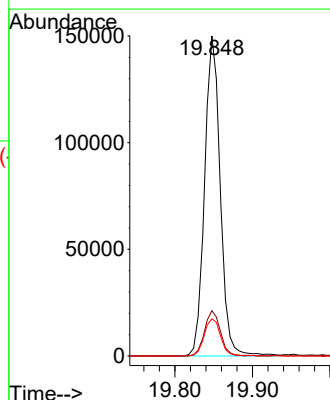
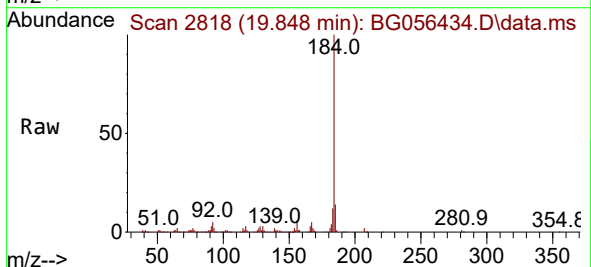
Tgt Ion:184 Resp: 210312

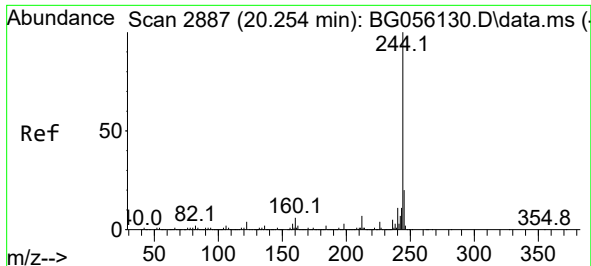
Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

183 11.6 9.4 14.0

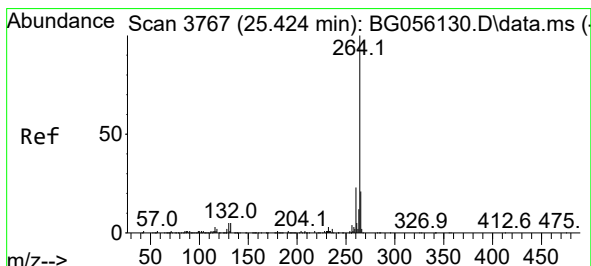
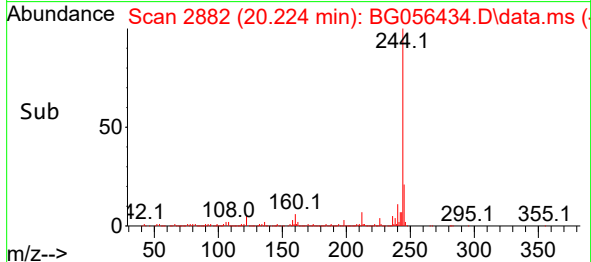
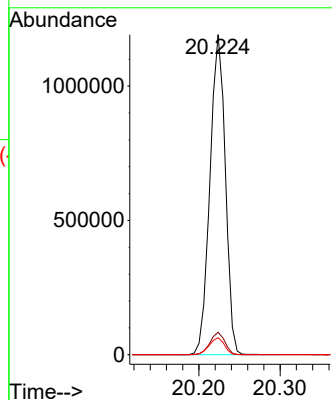
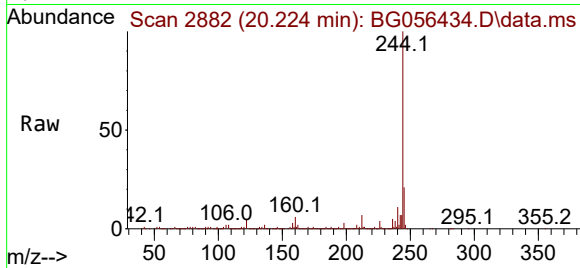




#79
 Terphenyl-d14
 Concen: 101.849 ng
 RT: 20.224 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056434.D
 Acq: 25 Jan 2023 21:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Tgt Ion:244 Resp: 1563496
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 5.3 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.370 min Scan# 3758
 Delta R.T. -0.003 min
 Lab File: BG056434.D
 Acq: 25 Jan 2023 21:30

Tgt Ion:264 Resp: 296140
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.6 28.0
 265 21.6 16.7 25.1

