

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052323\
 Data File : BM039973.D
 Acq On : 23 May 2023 14:50
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM052323

Quant Time: May 24 01:07:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 01:06:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	325064	20.000	ng	0.00
21) Naphthalene-d8	10.833	136	1353852	20.000	ng	0.00
39) Acenaphthene-d10	14.657	164	736494	20.000	ng	0.00
64) Phenanthrene-d10	17.398	188	1308855	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1049310	20.000	ng	0.00
86) Perylene-d12	24.021	264	982141	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1725088	81.405	ng	0.00
7) Phenol-d6	7.169	99	2246869	81.279	ng	0.00
23) Nitrobenzene-d5	9.186	82	2081959	82.980	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	850610	88.984	ng	0.00
45) 2-Fluorobiphenyl	13.286	172	5095147	81.598	ng	0.00
79) Terphenyl-d14	20.015	244	6378416	94.384	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.422	88	332340	38.833	ng	98
3) Pyridine	3.828	79	972406	41.385	ng	97
4) n-Nitrosodimethylamine	3.740	42	379571	38.025	ng	95
6) Aniline	7.340	93	1426093	41.692	ng	99
8) 2-Chlorophenol	7.575	128	936431	41.980	ng	97
9) Benzaldehyde	7.151	77	488595	36.562	ng	96
10) Phenol	7.198	94	1125223	40.608	ng	98
11) bis(2-Chloroethyl)ether	7.440	93	927026	40.618	ng	98
12) 1,3-Dichlorobenzene	7.904	146	962183	40.733	ng	98
13) 1,4-Dichlorobenzene	8.057	146	974676	40.554	ng	99
14) 1,2-Dichlorobenzene	8.375	146	969942	41.157	ng	99
15) Benzyl Alcohol	8.257	79	756190	42.436	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.557	45	1151100	39.317	ng	99
17) 2-Methylphenol	8.457	107	830562	41.895	ng	99
18) Hexachloroethane	9.110	117	358207	41.111	ng	97
19) n-Nitroso-di-n-propyla...	8.834	70	700798	43.769	ng	97
20) 3+4-Methylphenols	8.787	107	1120744	42.841	ng	99
22) Acetophenone	8.845	105	1483609	40.600	ng	# 99
24) Nitrobenzene	9.228	77	1037884	40.781	ng	97
25) Isophorone	9.757	82	1949927	42.616	ng	98
26) 2-Nitrophenol	9.945	139	460568	51.142	ng	93
27) 2,4-Dimethylphenol	9.998	122	874628	42.641	ng	99
28) bis(2-Chloroethoxy)met...	10.239	93	1235905	41.199	ng	99
29) 2,4-Dichlorophenol	10.475	162	830516	42.736	ng	98
30) 1,2,4-Trichlorobenzene	10.698	180	864789	40.647	ng	98
31) Naphthalene	10.886	128	3022020	40.456	ng	99
32) Benzoic acid	10.128	122	564570	42.006	ng	94
33) 4-Chloroaniline	10.992	127	1328708	42.212	ng	98
34) Hexachlorobutadiene	11.175	225	480406	40.229	ng	100
35) Caprolactam	11.769	113	240859	43.891	ng	88
36) 4-Chloro-3-methylphenol	12.104	107	861891	42.909	ng	100
37) 2-Methylnaphthalene	12.492	142	2057883	41.331	ng	99
38) 1-Methylnaphthalene	12.710	142	1925494	41.312	ng	99
40) 1,2,4,5-Tetrachloroben...	12.851	216	929222	39.891	ng	98
41) Hexachlorocyclopentadiene	12.839	237	516608	42.871	ng	98
43) 2,4,6-Trichlorophenol	13.092	196	601719	42.558	ng	99

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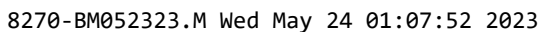
Instrument :
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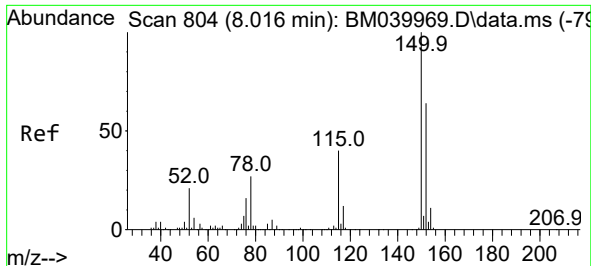
Quant Time: May 24 01:07:47 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 01:06:13 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	710893	42.243	ng	99
46) 1,1'-Biphenyl	13.492	154	2597891	41.201	ng	99
47) 2-Chloronaphthalene	13.533	162	1959226	41.626	ng	99
48) 2-Nitroaniline	13.733	65	506130	40.184	ng	95
49) Acenaphthylene	14.380	152	3106021	42.154	ng	99
50) Dimethylphthalate	14.116	163	2317455	41.741	ng	100
51) 2,6-Dinitrotoluene	14.227	165	469423	44.198	ng	95
52) Acenaphthene	14.721	154	2013841	41.830	ng	100
53) 3-Nitroaniline	14.557	138	561512	44.691	ng	99
54) 2,4-Dinitrophenol	14.757	184	210880	40.132	ng	97
55) Dibenzofuran	15.051	168	2928414	41.204	ng	99
56) 4-Nitrophenol	14.851	139	436753	44.937	ng	92
57) 2,4-Dinitrotoluene	15.010	165	610070	40.527	ng	93
58) Fluorene	15.698	166	2473248	41.862	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.274	232	542077	43.314	ng	98
60) Diethylphthalate	15.474	149	2353938	42.894	ng	100
61) 4-Chlorophenyl-phenyle...	15.692	204	1222616	42.297	ng	99
62) 4-Nitroaniline	15.715	138	577152	44.108	ng	97
63) Azobenzene	15.986	77	2241496	40.968	ng	98
65) 4,6-Dinitro-2-methylph...	15.768	198	289967	41.469	ng	96
66) n-Nitrosodiphenylamine	15.910	169	1977377	43.932	ng	98
67) 4-Bromophenyl-phenylether	16.586	248	627864	43.414	ng	97
68) Hexachlorobenzene	16.704	284	699881	42.347	ng	93
69) Atrazine	16.857	200	511075	45.648	ng	100
70) Pentachlorophenol	17.045	266	467207	43.063	ng	98
71) Phenanthrene	17.439	178	3210931	41.014	ng	100
72) Anthracene	17.533	178	3315405	42.742	ng	99
73) Carbazole	17.798	167	2932712	41.848	ng	99
74) Di-n-butylphthalate	18.362	149	3578651	40.558	ng	99
75) Fluoranthene	19.451	202	3153932	40.420	ng	99
77) Benzidine	19.633	184	735798	45.156	ng	100
78) Pyrene	19.809	202	3308448	42.968	ng	100
80) Butylbenzylphthalate	20.703	149	1364308	43.581	ng	94
81) Benzo(a)anthracene	21.556	228	3130098	42.138	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	943349	42.513	ng	100
83) Chrysene	21.609	228	2983927	41.866	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	2125475	42.567	ng	98
85) Di-n-octyl phthalate	22.427	149	3195323	42.175	ng	98
87) Indeno(1,2,3-cd)pyrene	26.579	276	3108192	39.796	ng	99
88) Benzo(b)fluoranthene	23.274	252	2597126	41.303	ng	99
89) Benzo(k)fluoranthene	23.327	252	2833522	41.210	ng	99
90) Benzo(a)pyrene	23.915	252	2501794	41.487	ng	98
91) Dibenzo(a,h)anthracene	26.597	278	2680906	39.758	ng	100
92) Benzo(g,h,i)perylene	27.368	276	2408499	40.414	ng	99

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

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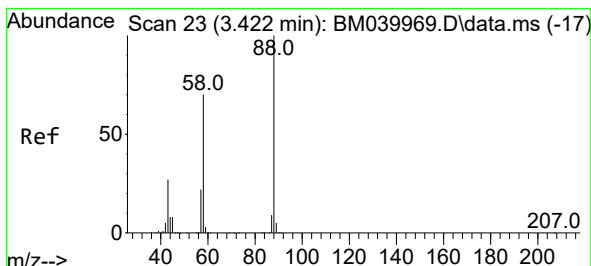
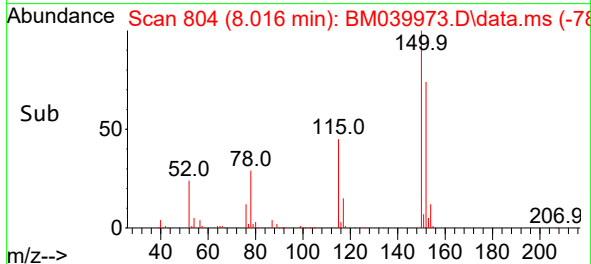
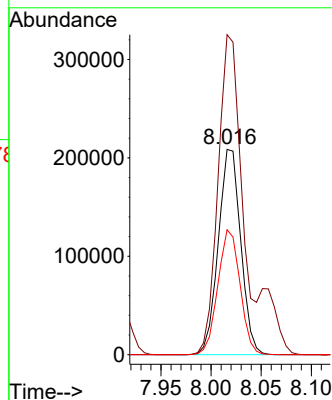
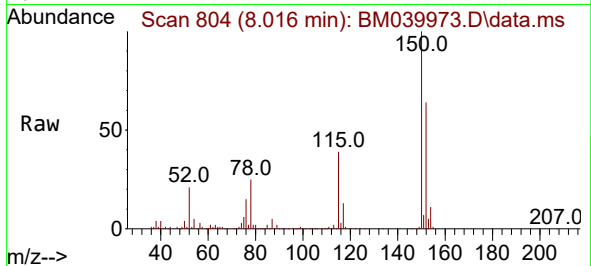




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.016 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

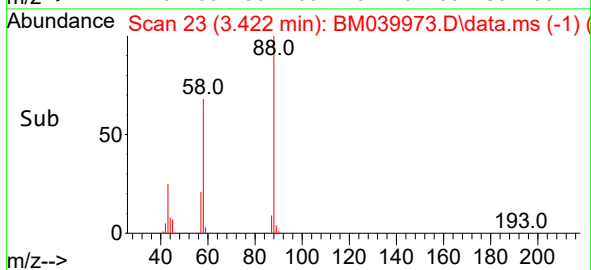
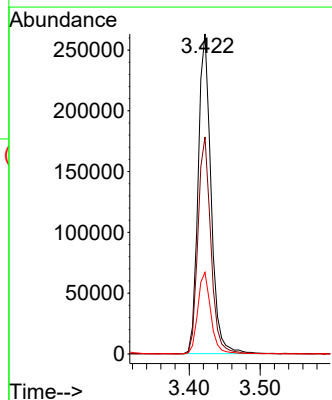
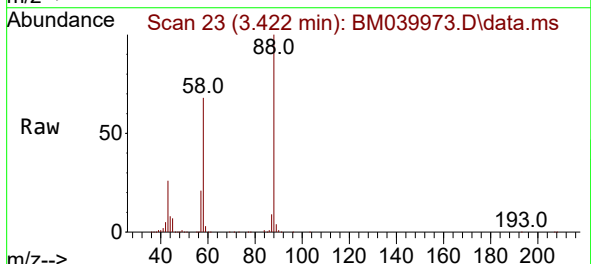
Instrument :
BNA_M
ClientSampleId :
ICVBM052323

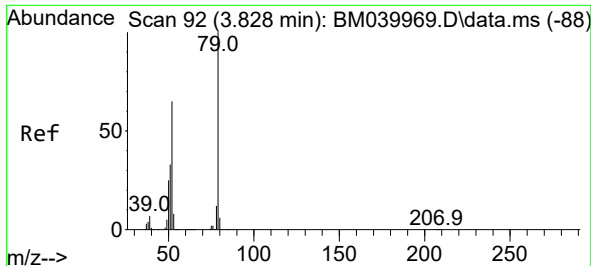
Tgt Ion:152 Resp: 325064
Ion Ratio Lower Upper
152 100
150 155.8 125.5 188.3
115 60.9 50.2 75.2



#2
1,4-Dioxane
Concen: 38.833 ng
RT: 3.422 min Scan# 23
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion: 88 Resp: 332340
Ion Ratio Lower Upper
88 100
58 68.3 56.1 84.1
43 26.0 22.0 33.0

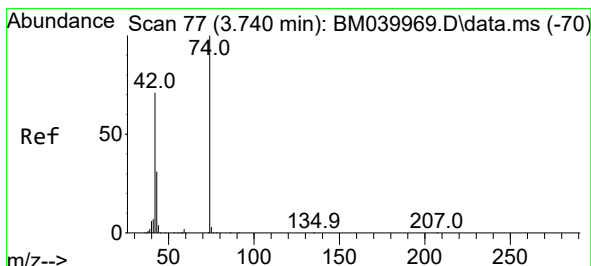
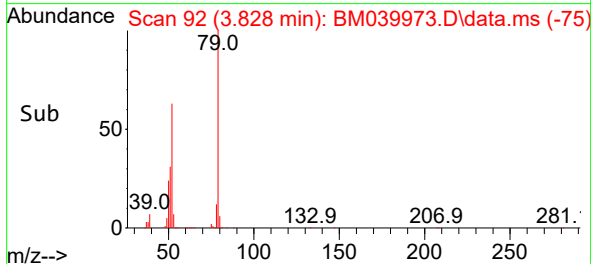
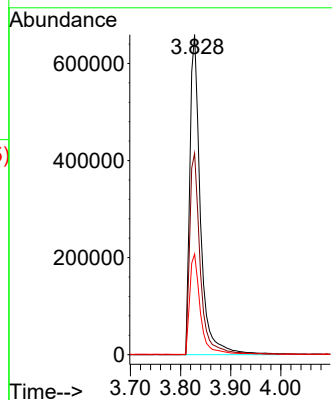
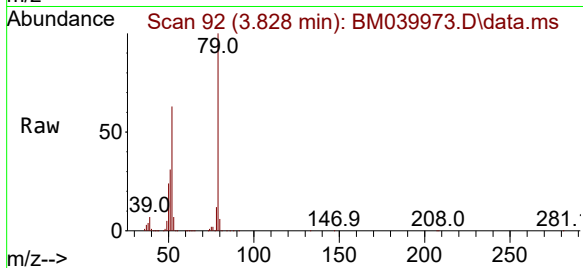




#3
 Pyridine
 Concen: 41.385 ng
 RT: 3.828 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BM039973.D
 Acq: 23 May 2023 14:50

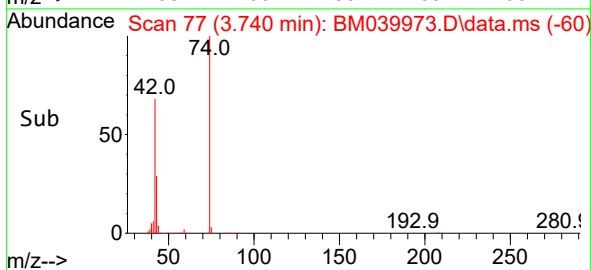
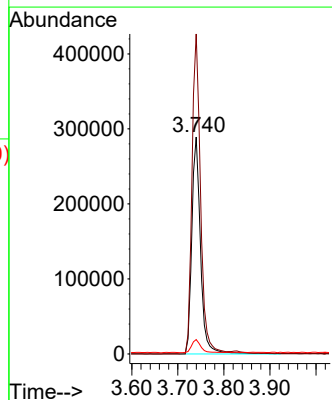
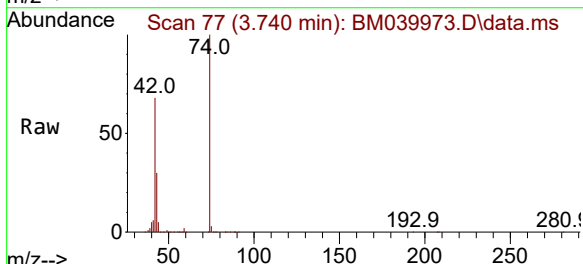
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 ClientSampleId :
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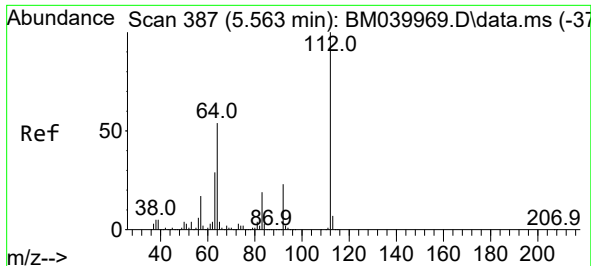
Tgt Ion: 79 Resp: 972406
 Ion Ratio Lower Upper
 79 100
 52 63.0 52.0 78.0
 51 31.4 26.5 39.7



#4
 n-Nitrosodimethylamine
 Concen: 38.025 ng
 RT: 3.740 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: BM039973.D
 Acq: 23 May 2023 14:50

Tgt Ion: 42 Resp: 379571
 Ion Ratio Lower Upper
 42 100
 74 147.5 113.4 170.0
 44 6.6 5.4 8.2

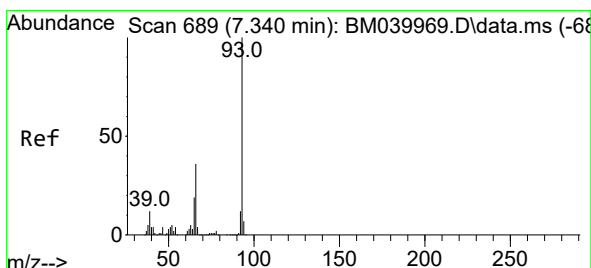
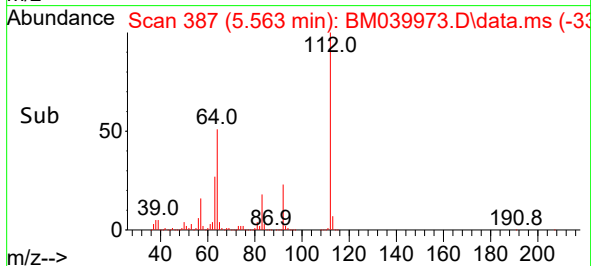
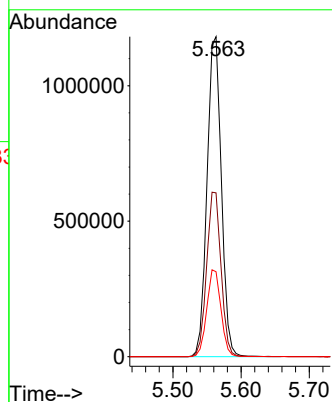
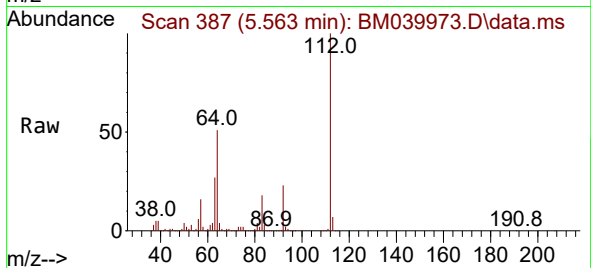




#5
2-Fluorophenol
Concen: 81.405 ng
RT: 5.563 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

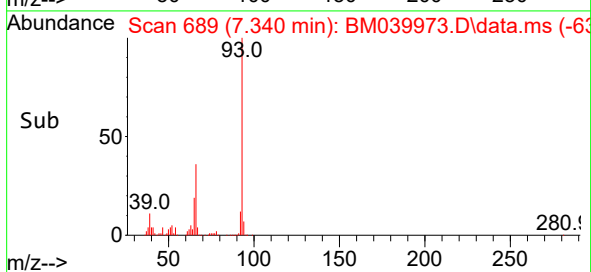
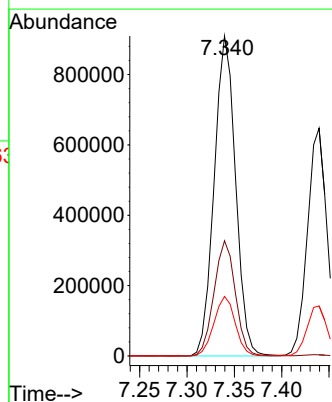
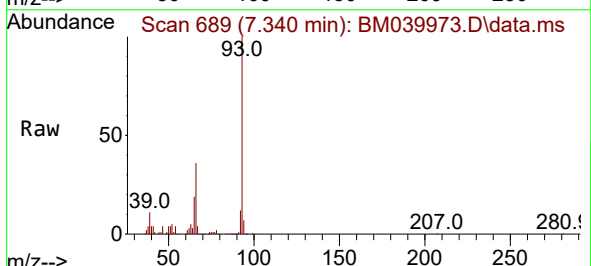
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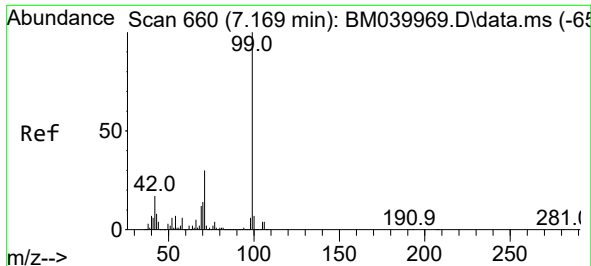
Tgt Ion:112 Resp: 1725088
Ion Ratio Lower Upper
112 100
64 51.2 43.0 64.4
63 26.5 22.9 34.3



#6
Aniline
Concen: 41.692 ng
RT: 7.340 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion: 93 Resp: 1426093
Ion Ratio Lower Upper
93 100
66 36.0 29.2 43.8
65 18.6 15.3 22.9

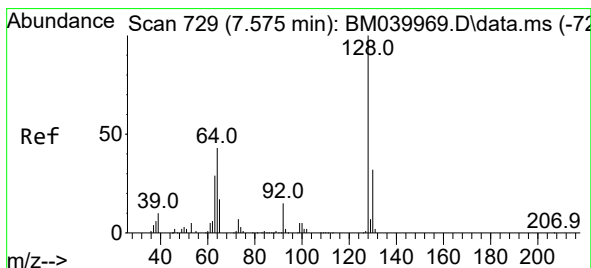
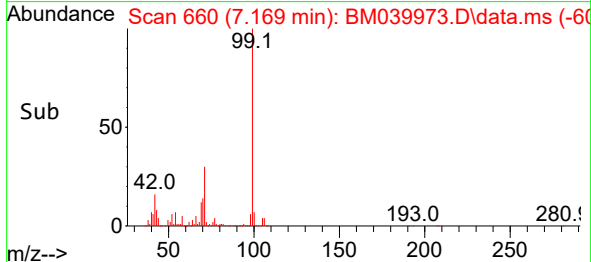
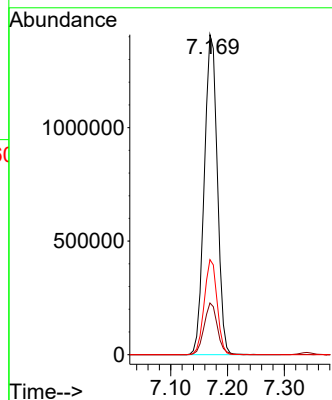
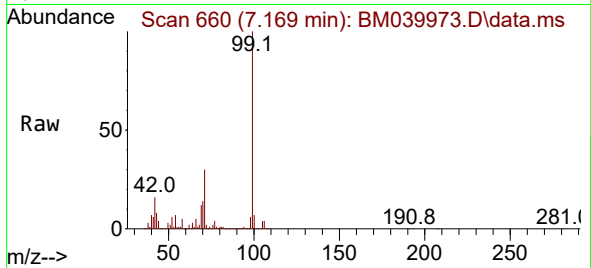




#7
Phenol-d6
Concen: 81.279 ng
RT: 7.169 min Scan# 660
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

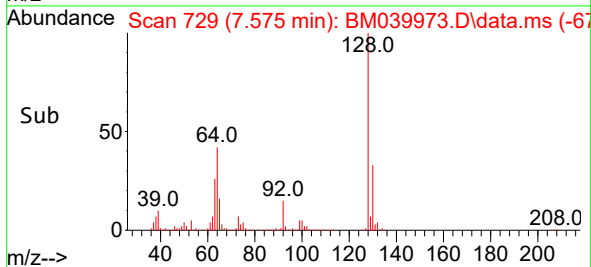
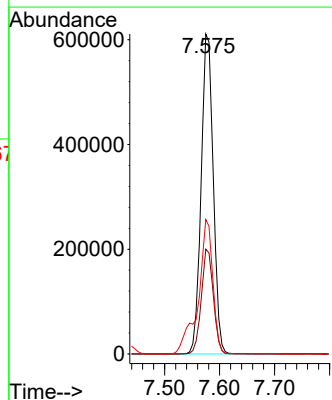
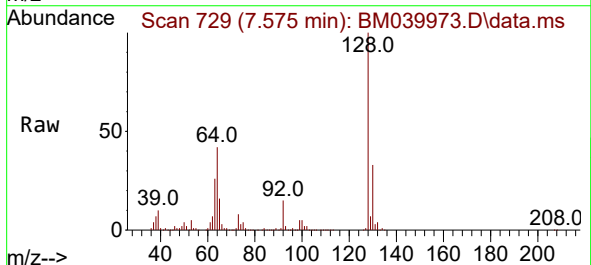
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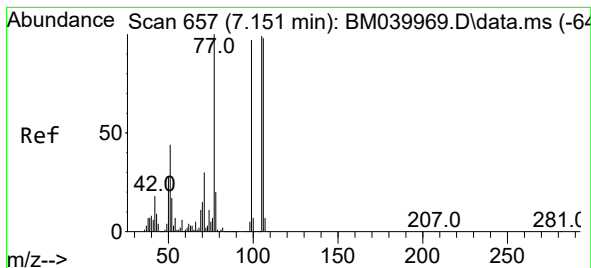
Tgt Ion: 99 Resp: 2246869
Ion Ratio Lower Upper
99 100
42 16.1 13.8 20.6
71 29.7 24.4 36.6



#8
2-Chlorophenol
Concen: 41.980 ng
RT: 7.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion: 128 Resp: 936431
Ion Ratio Lower Upper
128 100
130 32.8 12.4 52.4
64 42.0 25.5 65.5





#9

Benzaldehyde

Concen: 36.562 ng

RT: 7.151 min Scan# 657

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

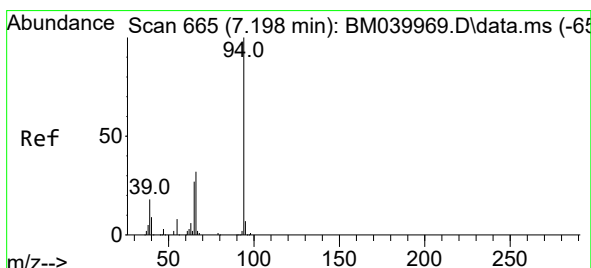
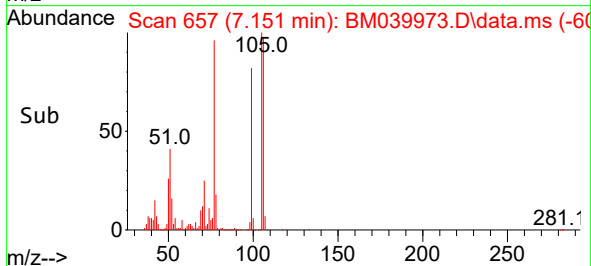
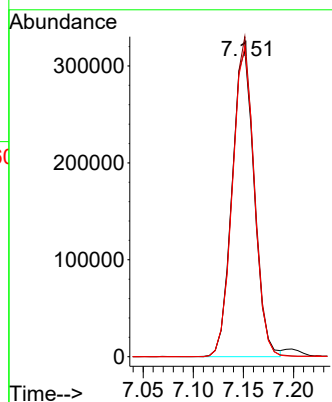
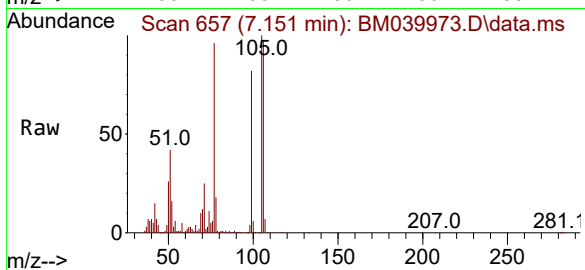
Tgt Ion: 77 Resp: 488595

Ion Ratio Lower Upper

77 100

105 104.3 79.2 119.2

106 101.1 77.6 117.6



#10

Phenol

Concen: 40.608 ng

RT: 7.198 min Scan# 665

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

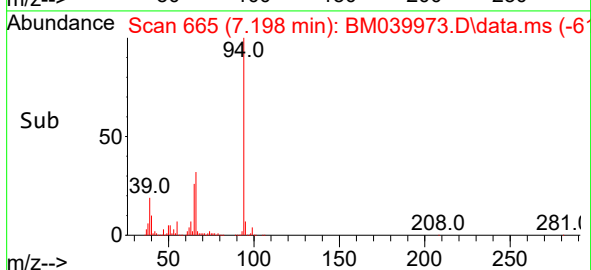
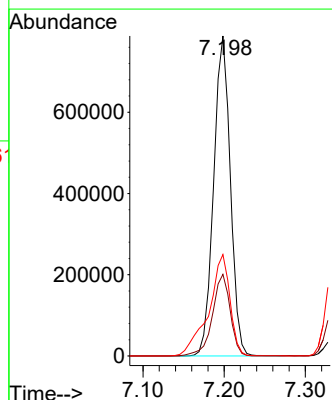
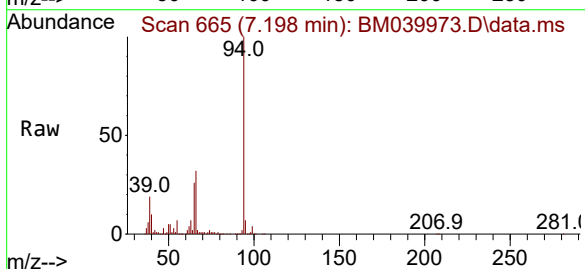
Tgt Ion: 94 Resp: 1125223

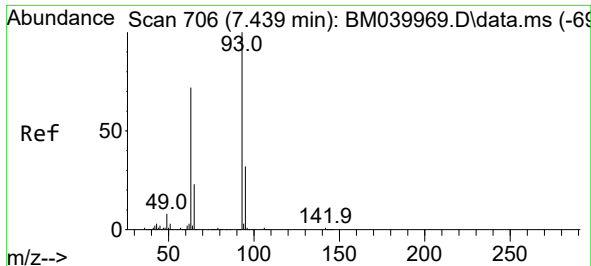
Ion Ratio Lower Upper

94 100

65 25.5 6.7 46.7

66 31.7 12.4 52.4

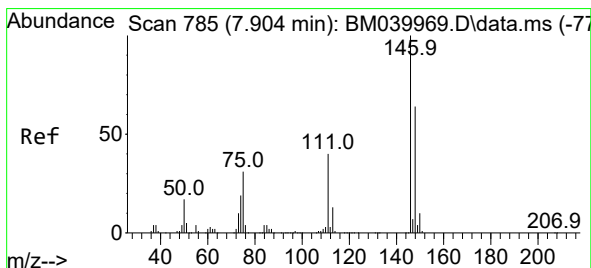
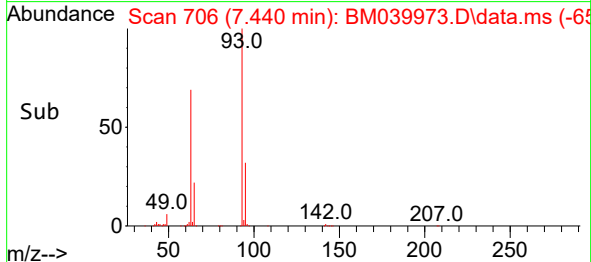
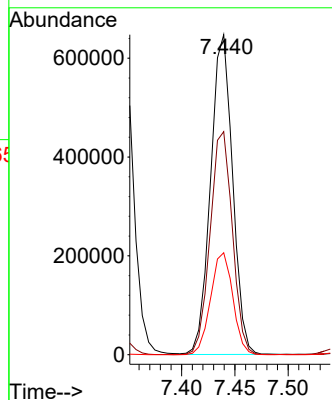
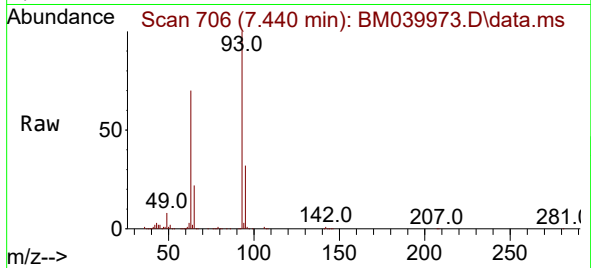




#11
bis(2-Chloroethyl)ether
Concen: 40.618 ng
RT: 7.440 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

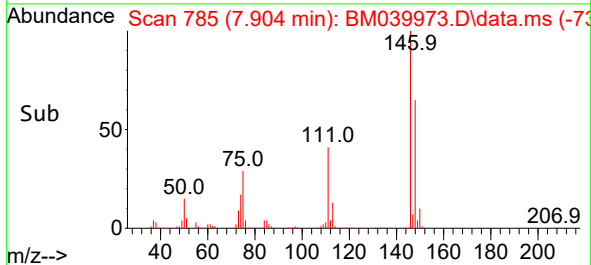
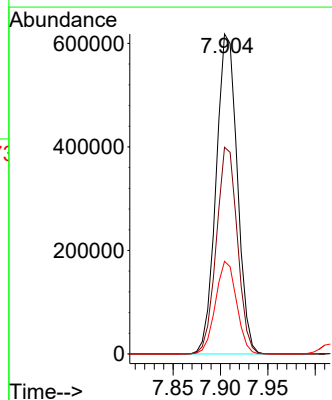
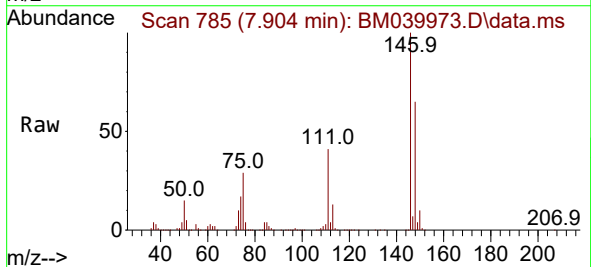
Instrument :
BNA_M
ClientSampleId :
ICVBM052323

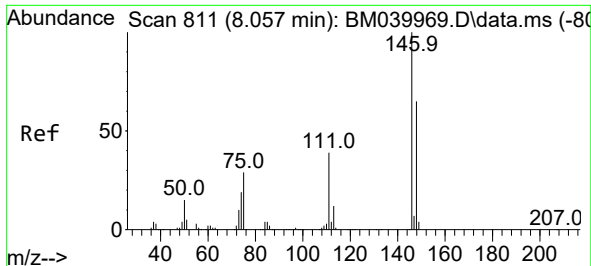
Tgt Ion: 93 Resp: 927026
Ion Ratio Lower Upper
93 100
63 69.7 52.0 92.0
95 31.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 40.733 ng
RT: 7.904 min Scan# 785
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion: 146 Resp: 962183
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
75 29.0 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 40.554 ng

RT: 8.057 min Scan# 811

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

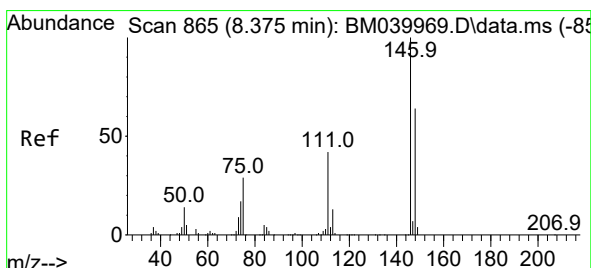
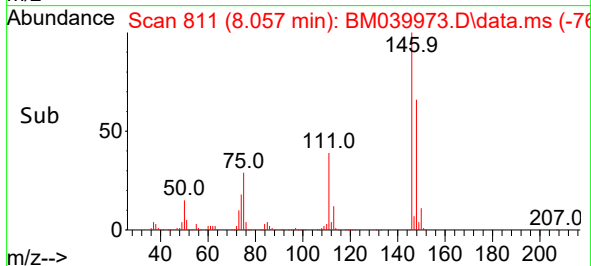
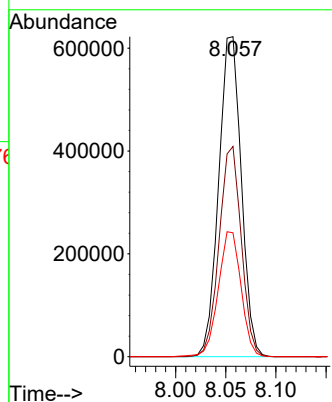
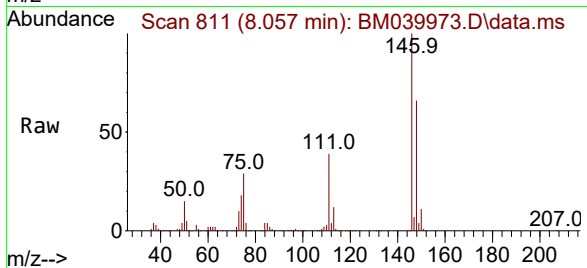
Tgt Ion:146 Resp: 974676

Ion Ratio Lower Upper

146 100

148 65.7 51.8 77.8

111 38.7 31.4 47.0



#14

1,2-Dichlorobenzene

Concen: 41.157 ng

RT: 8.375 min Scan# 865

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

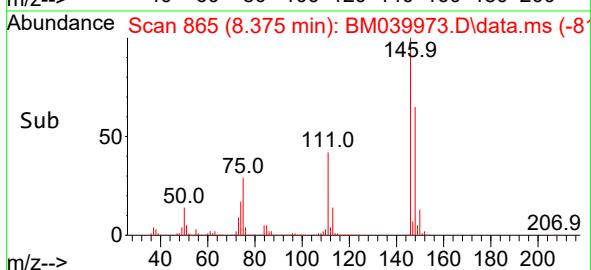
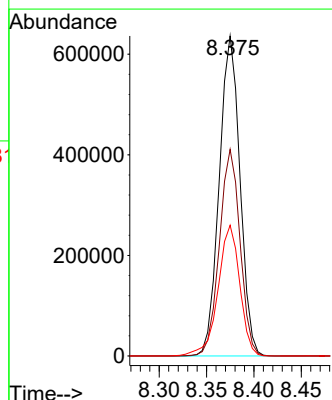
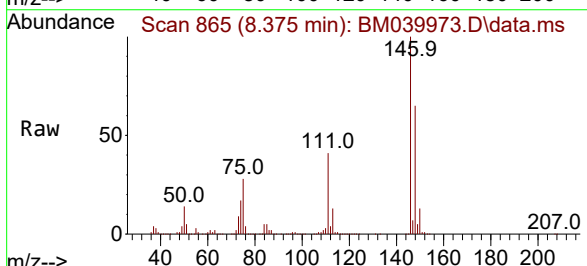
Tgt Ion:146 Resp: 969942

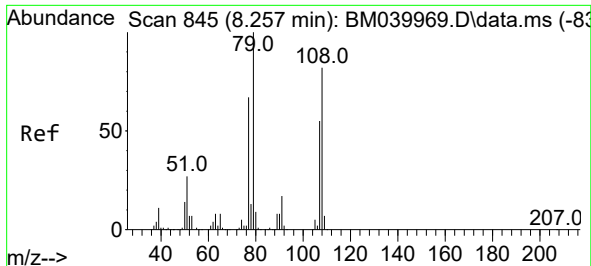
Ion Ratio Lower Upper

146 100

148 64.6 51.2 76.8

111 40.9 33.5 50.3

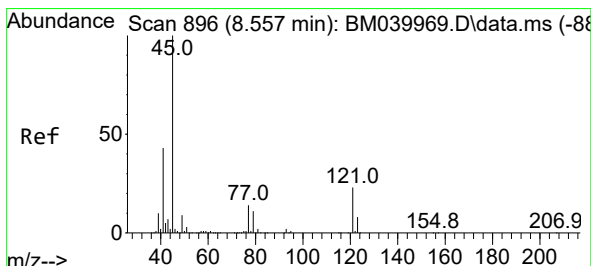
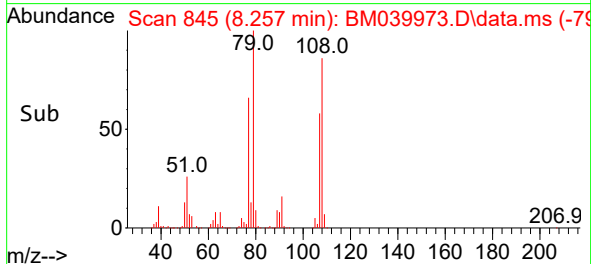
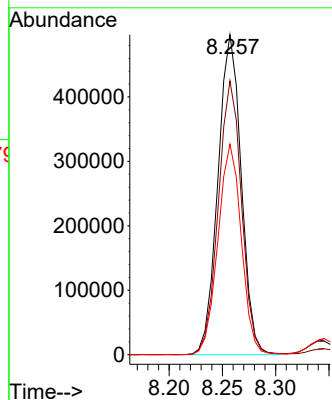
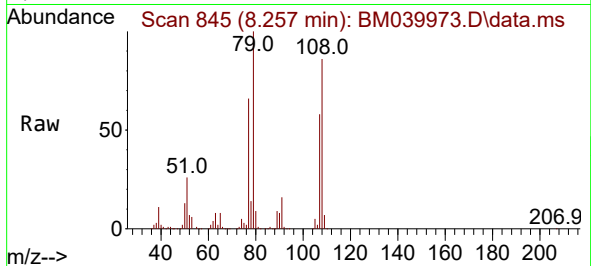




#15
Benzyl Alcohol
Concen: 42.436 ng
RT: 8.257 min Scan# 845
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

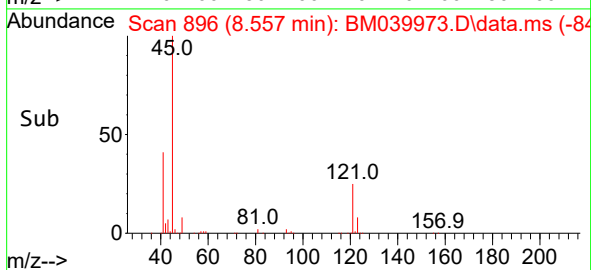
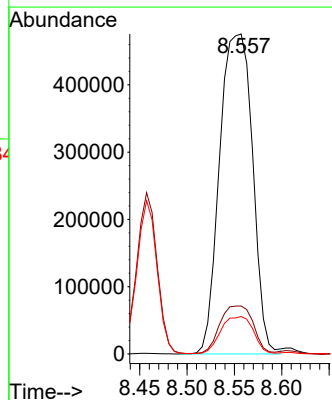
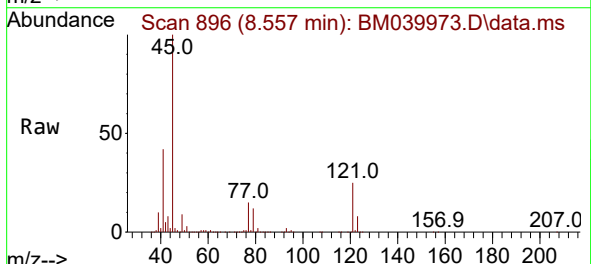
Instrument :
BNA_M
ClientSampleId :
ICVBM052323

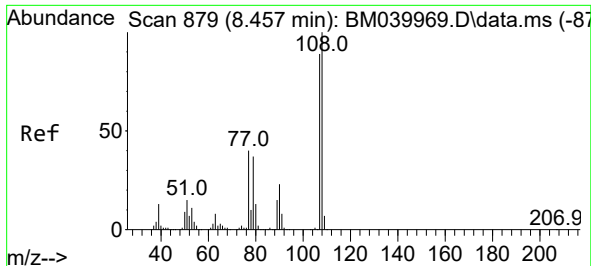
Tgt Ion: 79 Resp: 756190
Ion Ratio Lower Upper
79 100
108 85.6 65.4 98.2
77 65.8 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.317 ng
RT: 8.557 min Scan# 896
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion: 45 Resp: 1151100
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.7
79 11.7 0.0 31.3

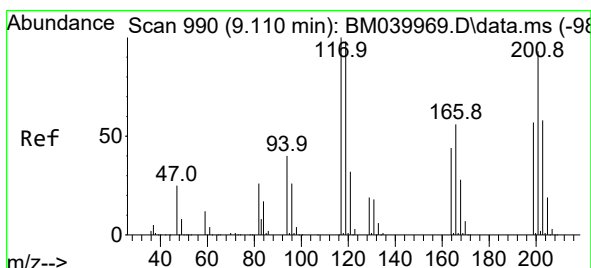
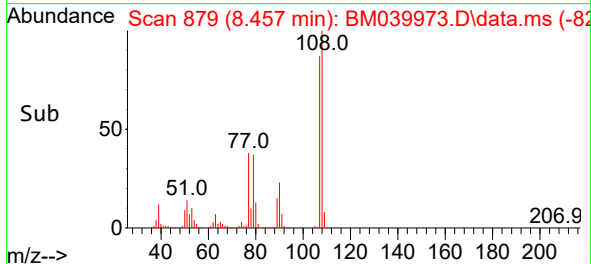
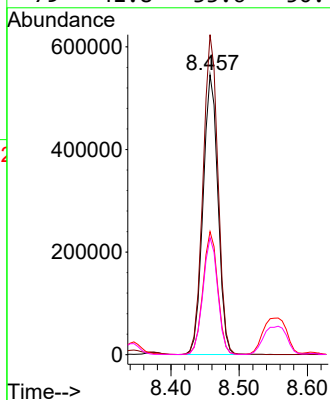
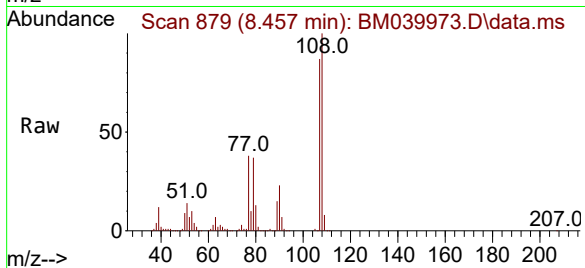




#17
2-Methylphenol
Concen: 41.895 ng
RT: 8.457 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

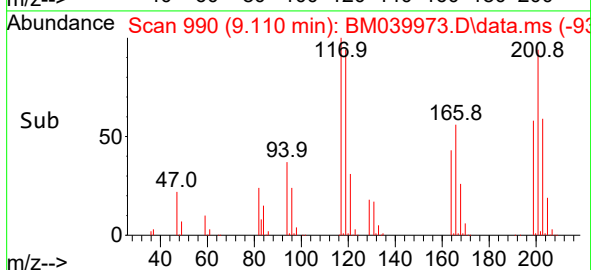
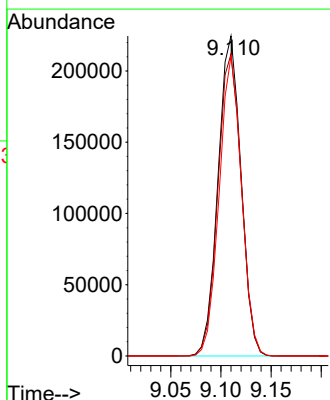
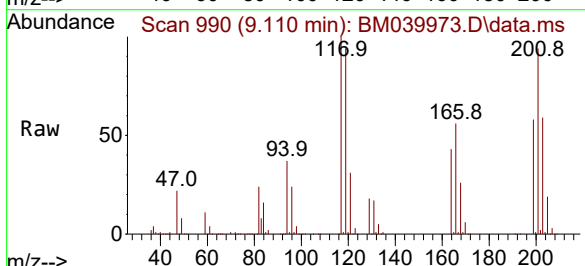
Instrument :
BNA_M
ClientSampleId :
ICVBM052323

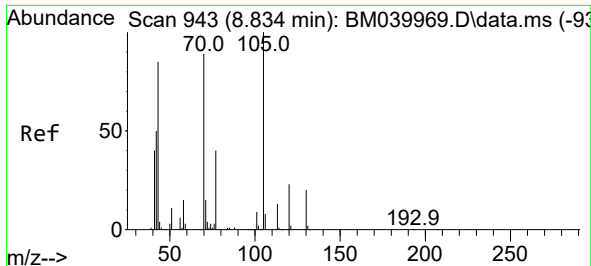
Tgt Ion:	107	Resp:	830562
Ion	Ratio	Lower	Upper
107	100		
108	114.4	89.8	134.8
77	44.0	35.6	53.4
79	41.8	33.6	50.4



#18
Hexachloroethane
Concen: 41.111 ng
RT: 9.110 min Scan# 990
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion:	117	Resp:	358207
Ion	Ratio	Lower	Upper
117	100		
119	94.3	78.8	118.2
201	93.7	74.3	111.5



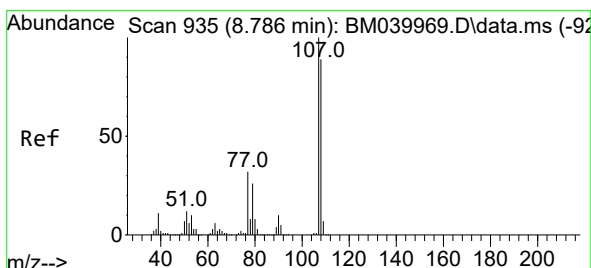
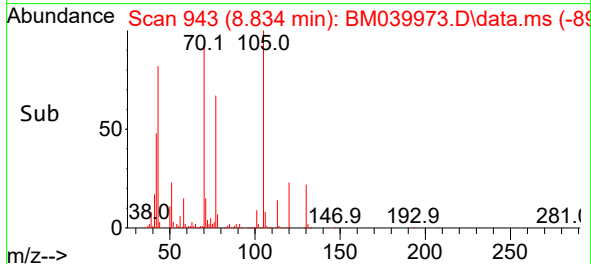
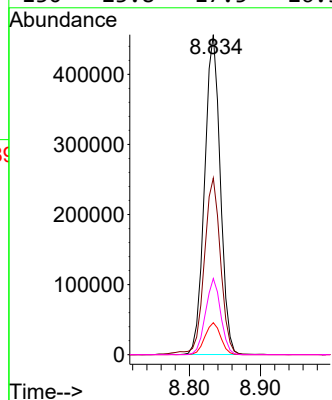
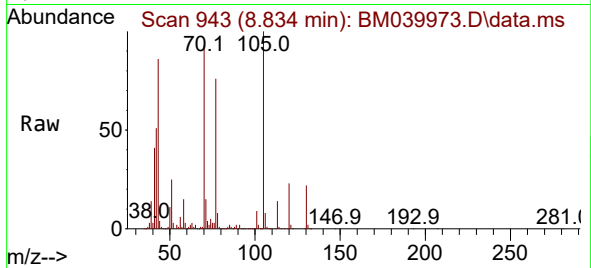


#19
n-Nitroso-di-n-propylamine
Concen: 43.769 ng
RT: 8.834 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Instrument :
BNA_M
ClientSampleId :
ICVBM052323

Tgt Ion: 70 Resp: 700798

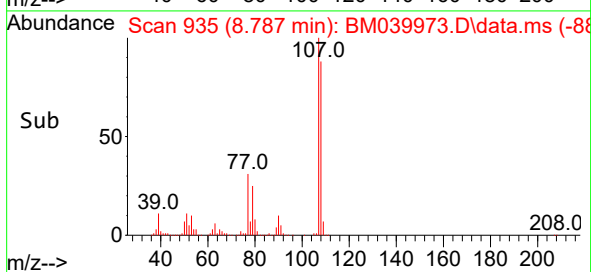
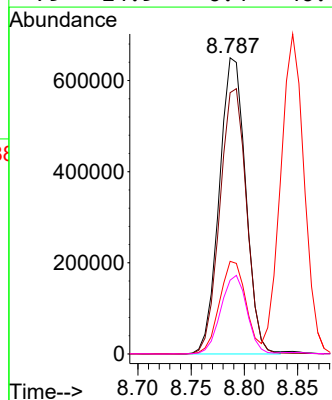
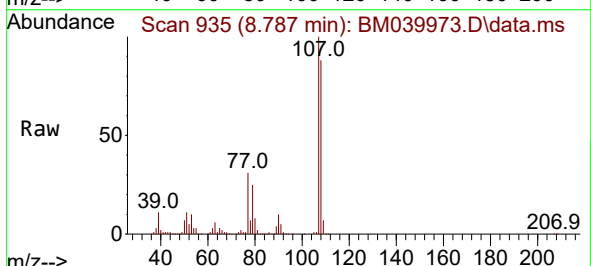
Ion	Ratio	Lower	Upper
70	100		
42	55.2	45.6	68.4
101	10.0	7.7	11.5
130	23.8	17.5	26.3

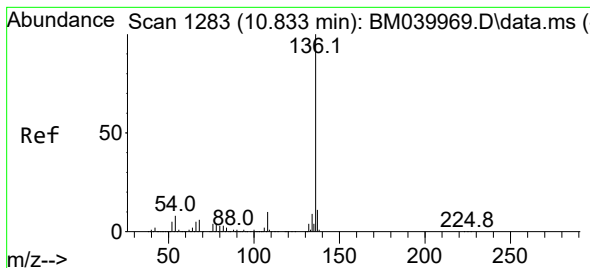


#20
3+4-Methylphenols
Concen: 42.841 ng
RT: 8.787 min Scan# 935
Delta R.T. 0.001 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion: 107 Resp: 1120744

Ion	Ratio	Lower	Upper
107	100		
108	88.2	69.3	109.3
77	31.3	11.7	51.7
79	24.9	6.4	46.4

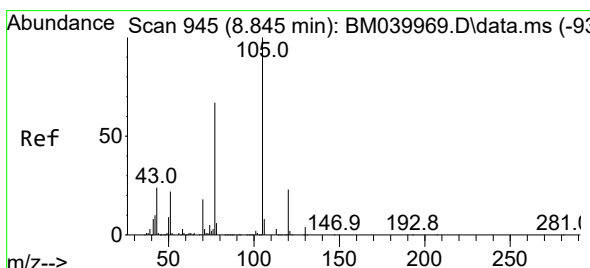
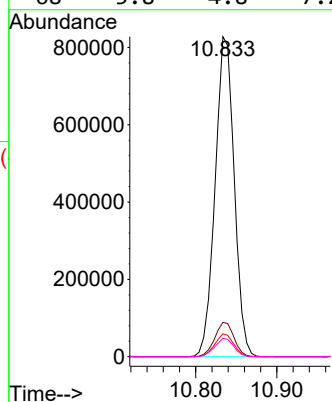
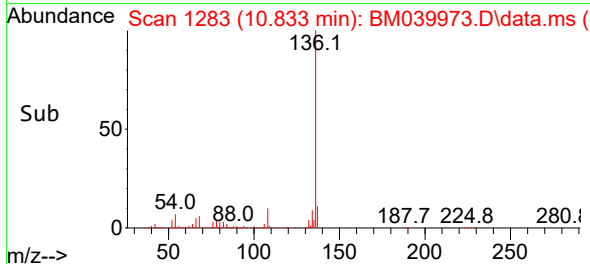
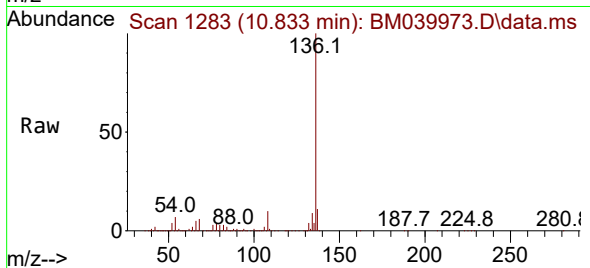




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.833 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

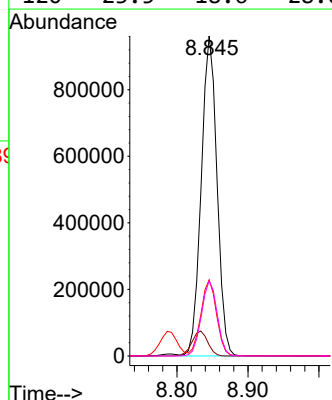
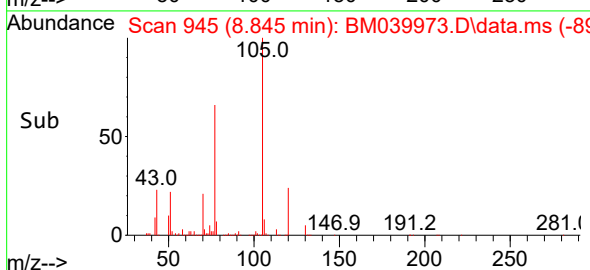
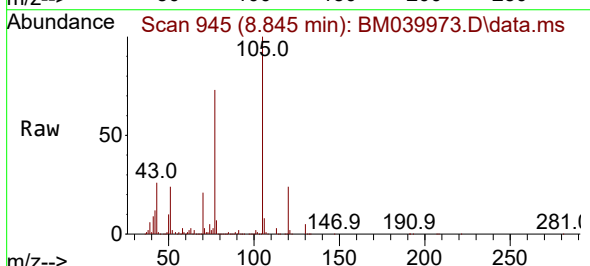
Instrument :
BNA_M
ClientSampleId :
ICVBM052323

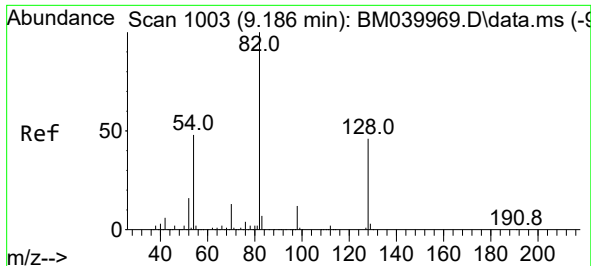
Tgt Ion:136 Resp: 1353852
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.2 6.1 9.1
68 5.8 4.8 7.2



#22
Acetophenone
Concen: 40.600 ng
RT: 8.845 min Scan# 945
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion:105 Resp: 1483609
Ion Ratio Lower Upper
105 100
71 3.4 2.2 3.4#
51 23.8 19.8 29.8
120 23.5 18.6 28.0

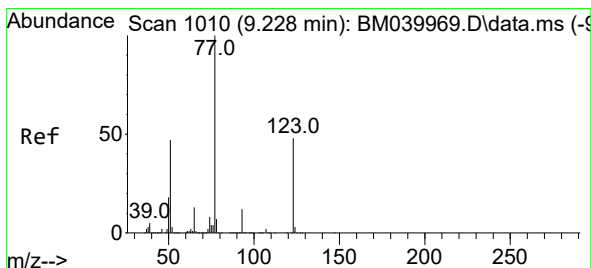
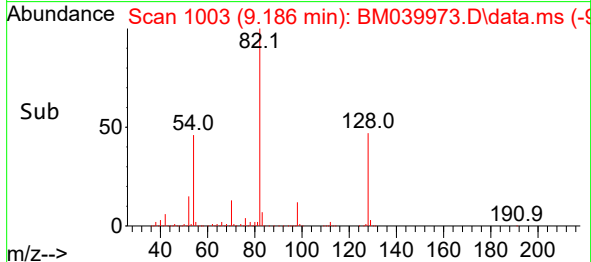
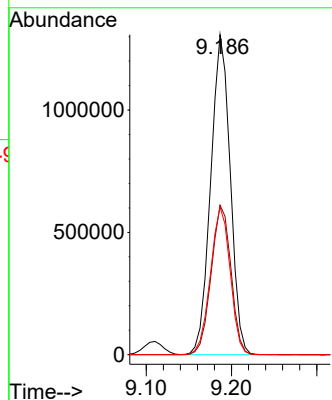
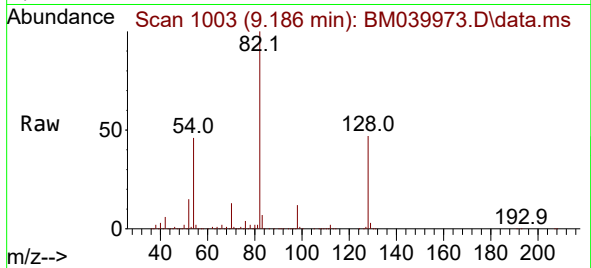




#23
Nitrobenzene-d5
Concen: 82.980 ng
RT: 9.186 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

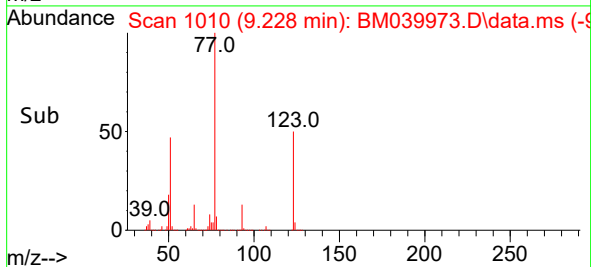
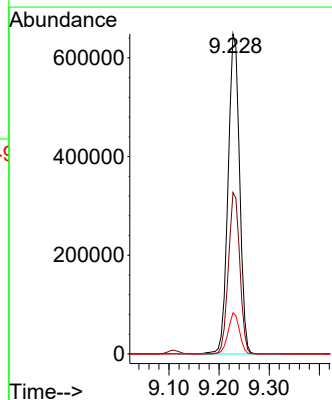
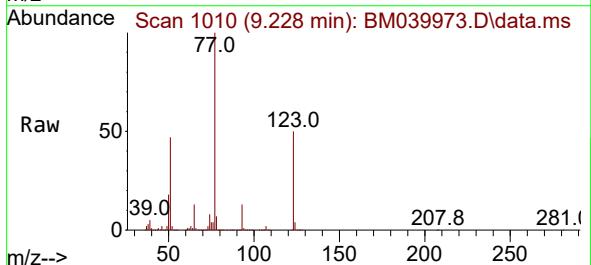
Instrument :
BNA_M
ClientSampleId :
ICVBM052323

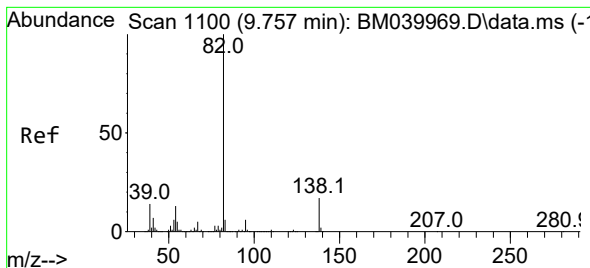
Tgt Ion: 82 Resp: 2081959
Ion Ratio Lower Upper
82 100
128 46.7 36.5 54.7
54 46.1 38.3 57.5



#24
Nitrobenzene
Concen: 40.781 ng
RT: 9.228 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion: 77 Resp: 1037884
Ion Ratio Lower Upper
77 100
123 50.4 38.1 57.1
65 12.9 10.1 15.1





#25

Isophorone

Concen: 42.616 ng

RT: 9.757 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

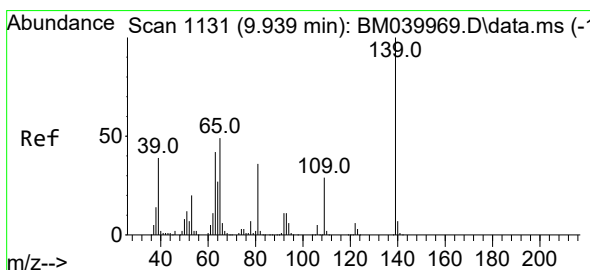
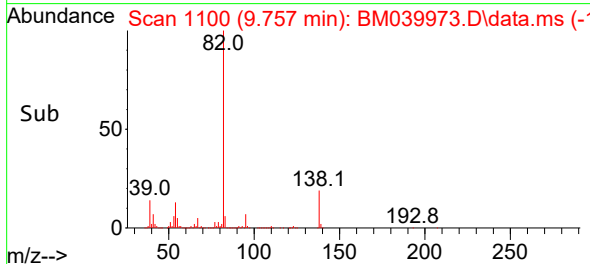
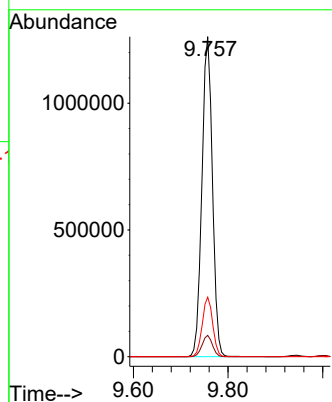
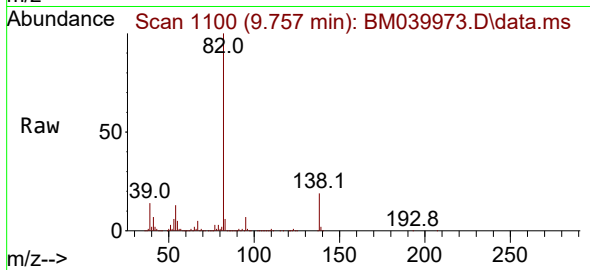
Tgt Ion: 82 Resp: 1949927

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.6 13.8 20.8



#26

2-Nitrophenol

Concen: 51.142 ng

RT: 9.945 min Scan# 1132

Delta R.T. 0.006 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

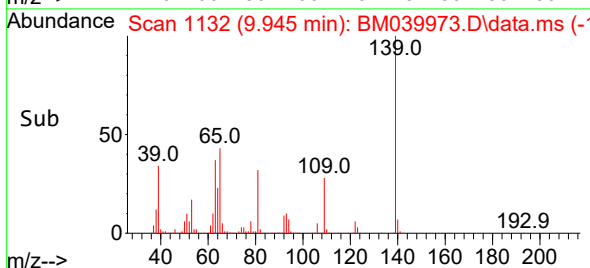
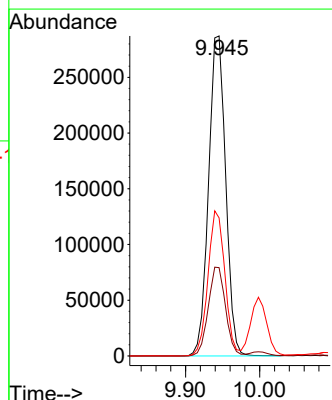
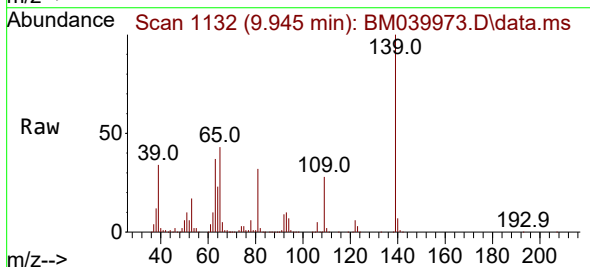
Tgt Ion: 139 Resp: 460568

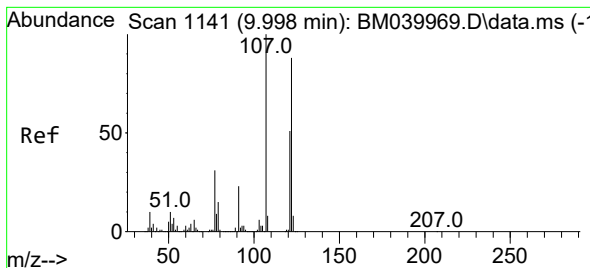
Ion Ratio Lower Upper

139 100

109 27.6 23.4 35.2

65 43.2 39.4 59.2

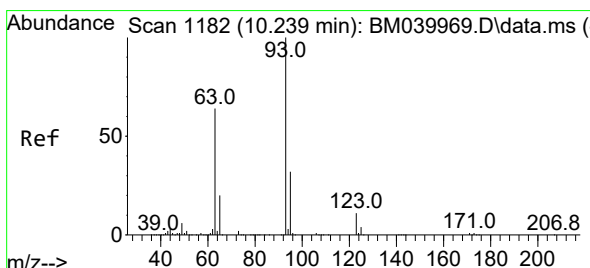
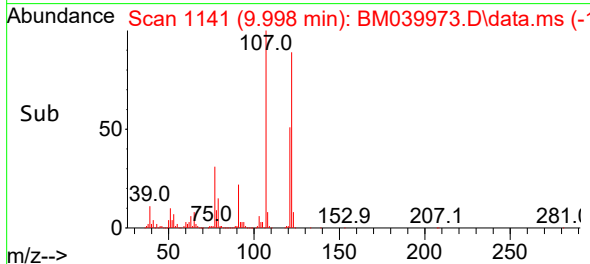
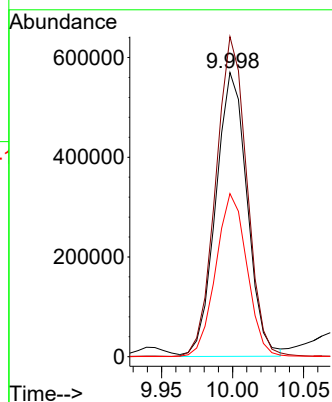
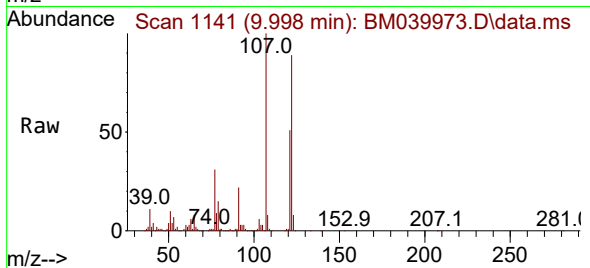




#27
2,4-Dimethylphenol
Concen: 42.641 ng
RT: 9.998 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

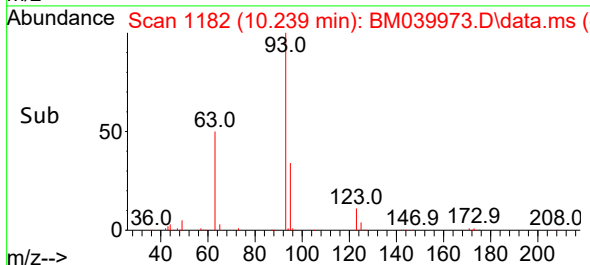
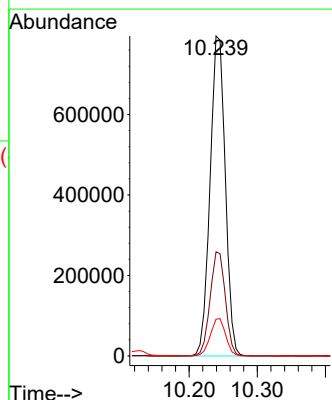
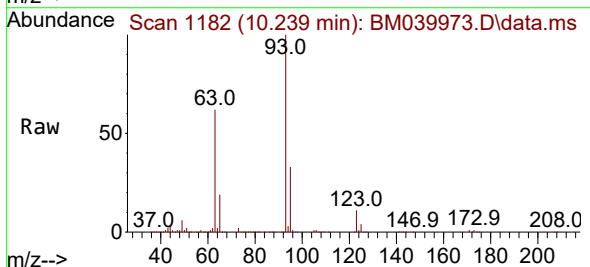
Instrument :
BNA_M
ClientSampleId :
ICVBM052323

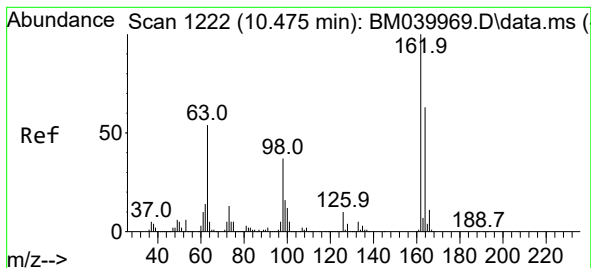
Tgt Ion:122 Resp: 874628
Ion Ratio Lower Upper
122 100
107 112.6 91.0 136.4
121 57.4 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 41.199 ng
RT: 10.239 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion: 93 Resp: 1235905
Ion Ratio Lower Upper
93 100
95 32.5 25.7 38.5
123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.736 ng

RT: 10.475 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

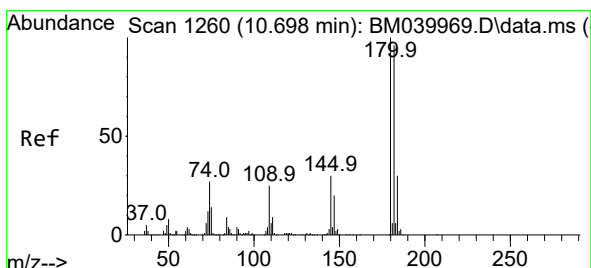
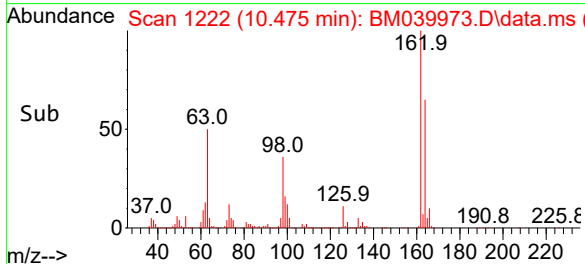
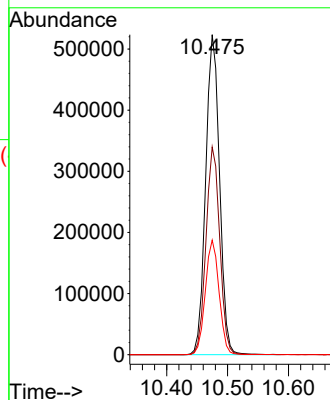
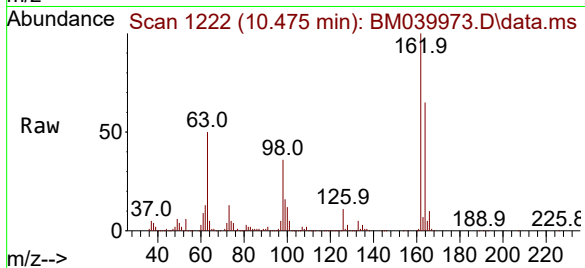
Tgt Ion:162 Resp: 830516

Ion Ratio Lower Upper

162 100

164 64.9 43.3 83.3

98 35.8 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 40.647 ng

RT: 10.698 min Scan# 1260

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

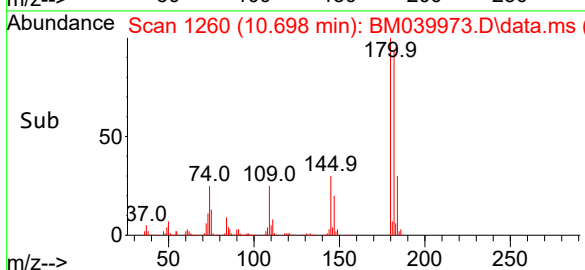
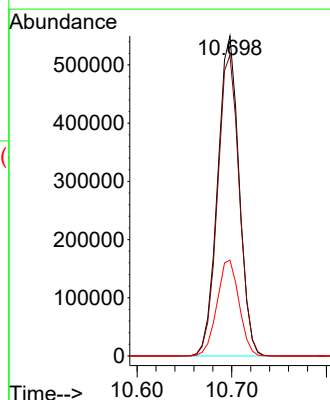
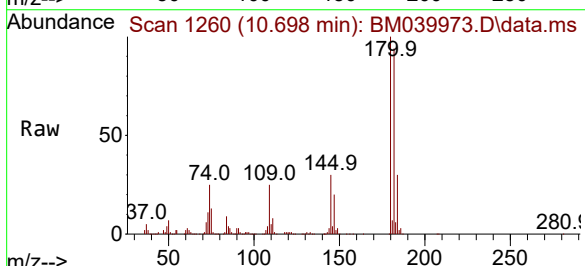
Tgt Ion:180 Resp: 864789

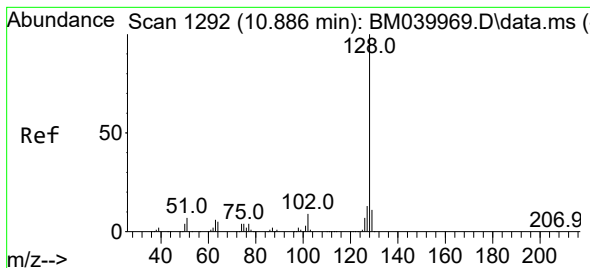
Ion Ratio Lower Upper

180 100

182 94.1 76.9 115.3

145 29.9 24.1 36.1





#31

Naphthalene

Concen: 40.456 ng

RT: 10.886 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

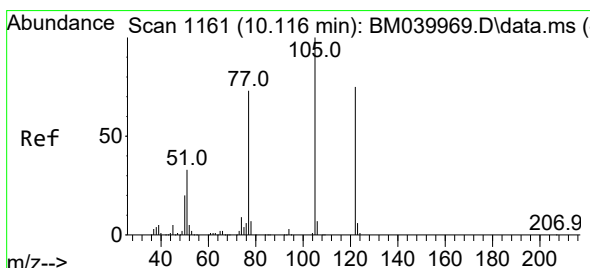
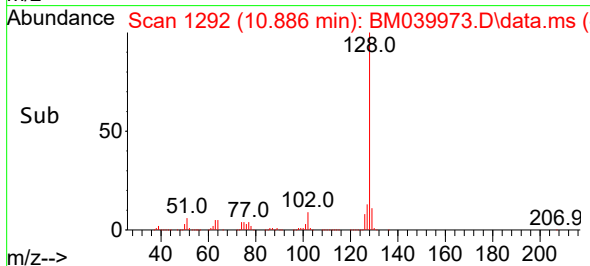
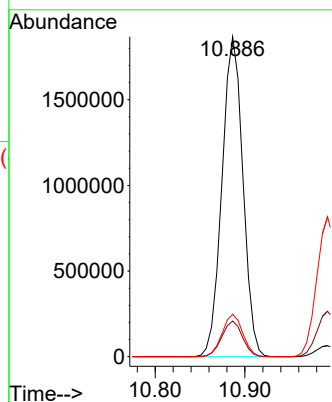
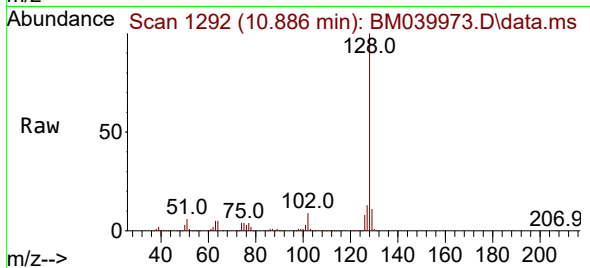
Tgt Ion:128 Resp: 3022020

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.2 10.4 15.6



#32

Benzoic acid

Concen: 42.006 ng

RT: 10.128 min Scan# 1163

Delta R.T. 0.012 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

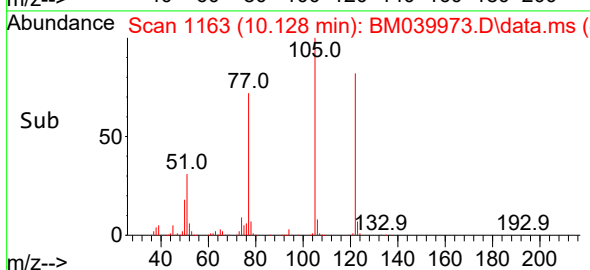
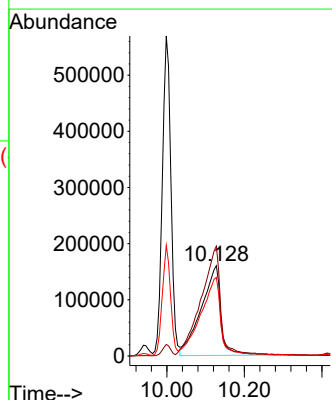
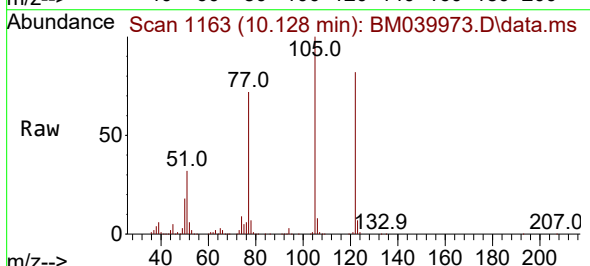
Tgt Ion:122 Resp: 564570

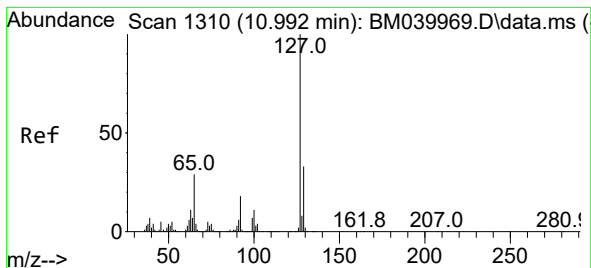
Ion Ratio Lower Upper

122 100

105 121.6 106.0 146.0

77 87.1 74.7 114.7



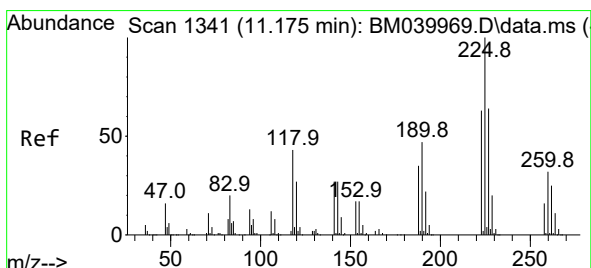
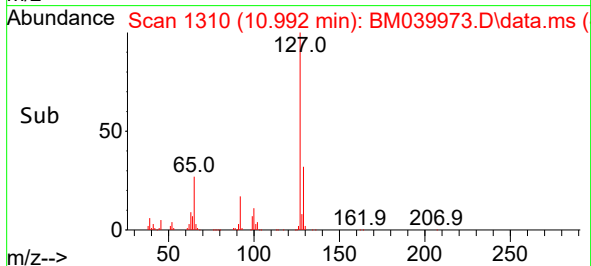
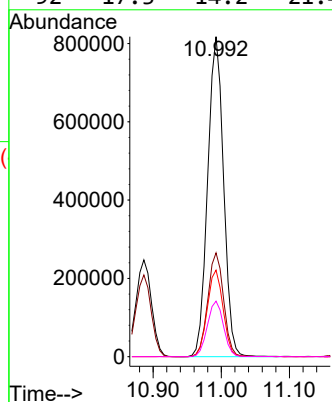
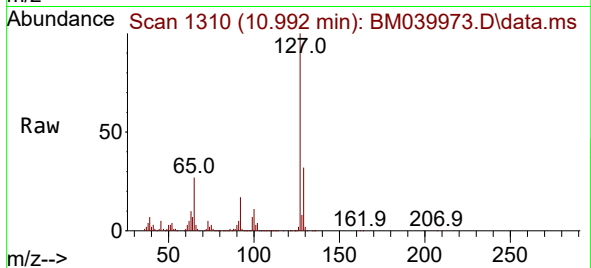


#33
4-Chloroaniline
Concen: 42.212 ng
RT: 10.992 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Instrument :
BNA_M
ClientSampleId :
ICVBM052323

Tgt Ion:127 Resp: 1328708

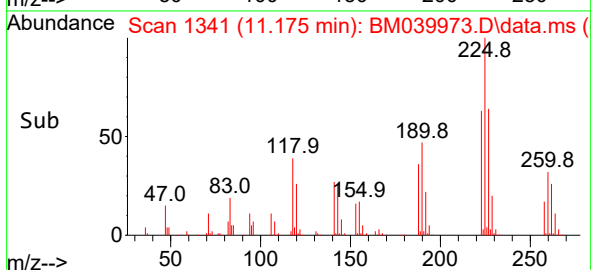
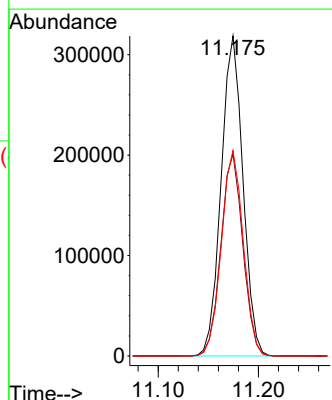
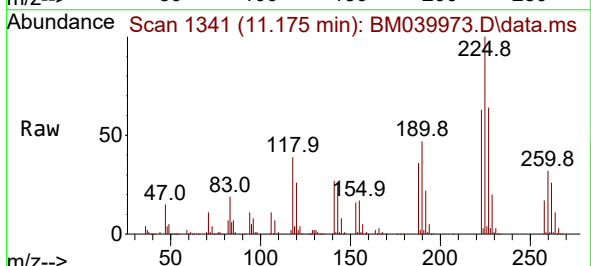
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	27.1	23.1	34.7
92	17.3	14.2	21.4

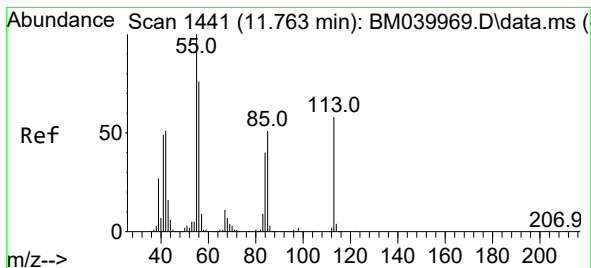


#34
Hexachlorobutadiene
Concen: 40.229 ng
RT: 11.175 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion:225 Resp: 480406

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.3	75.5
227	64.2	51.0	76.4

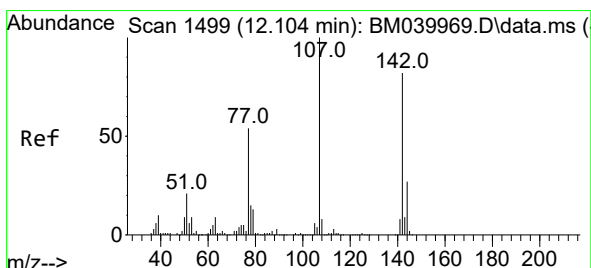
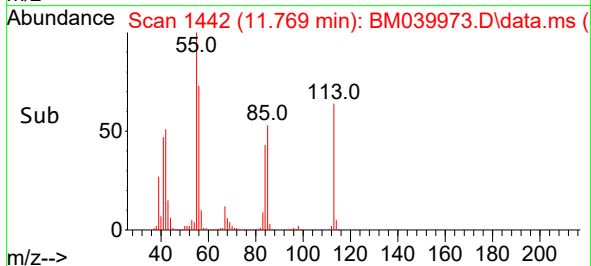
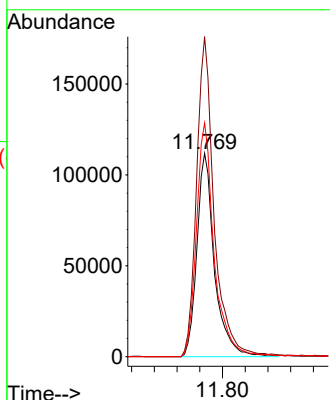
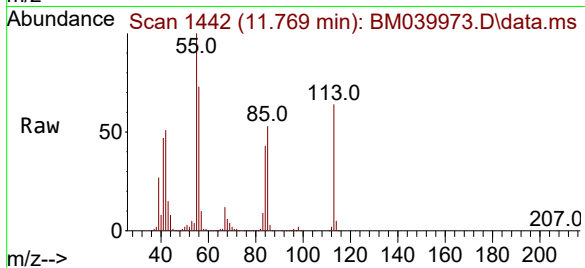




#35
 Caprolactam
 Concen: 43.891 ng
 RT: 11.769 min Scan# 1441
 Delta R.T. 0.006 min
 Lab File: BM039973.D
 Acq: 23 May 2023 14:50

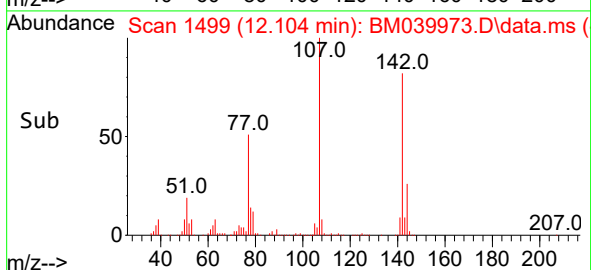
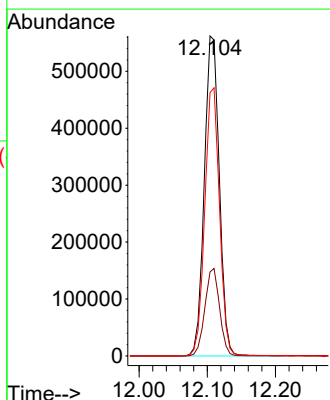
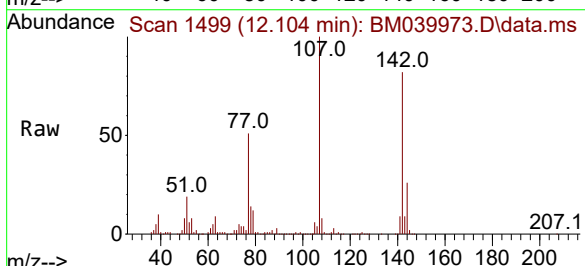
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM052323

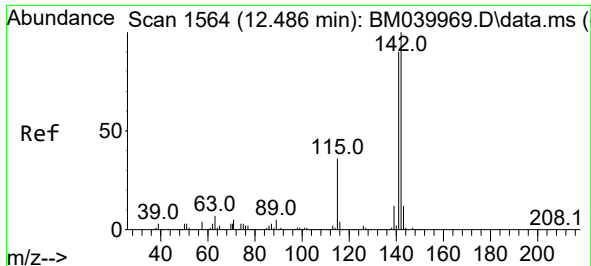
Tgt Ion:113 Resp: 240859
 Ion Ratio Lower Upper
 113 100
 55 157.4 152.5 192.5
 56 115.0 111.2 151.2



#36
 4-Chloro-3-methylphenol
 Concen: 42.909 ng
 RT: 12.104 min Scan# 1499
 Delta R.T. 0.000 min
 Lab File: BM039973.D
 Acq: 23 May 2023 14:50

Tgt Ion:107 Resp: 861891
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.4 32.2
 142 82.3 65.8 98.6

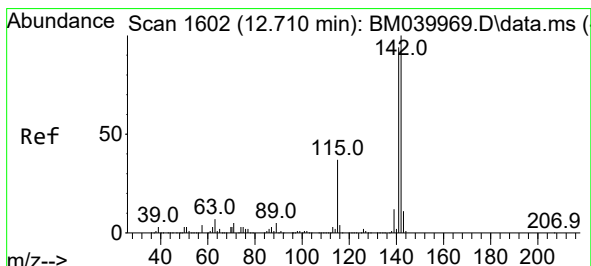
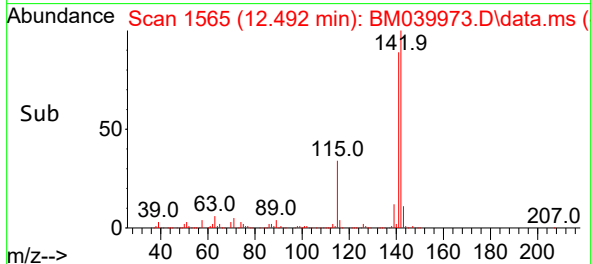
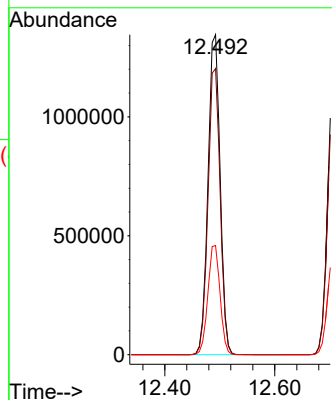
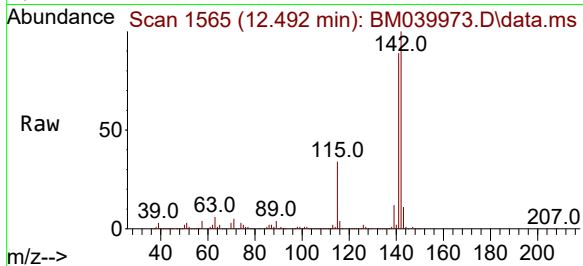




#37
2-Methylnaphthalene
Concen: 41.331 ng
RT: 12.492 min Scan# 1565
Delta R.T. 0.006 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

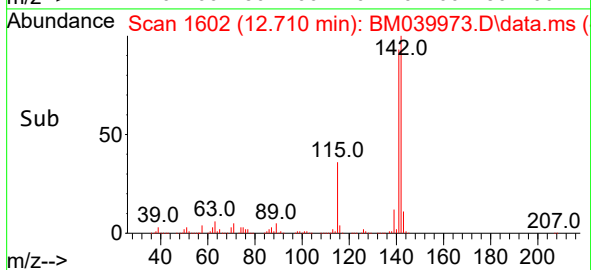
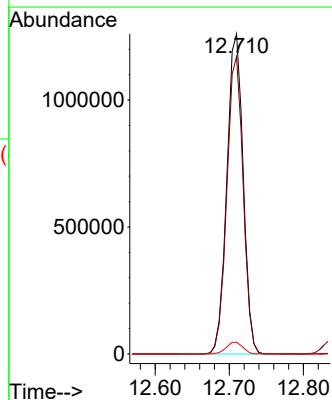
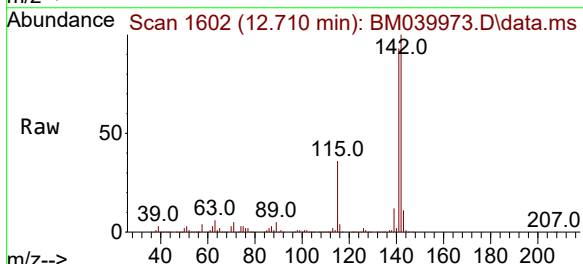
Instrument :
BNA_M
ClientSampleId :
ICVBM052323

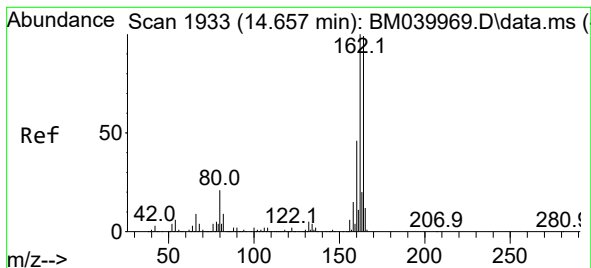
Tgt Ion:142 Resp: 2057883
Ion Ratio Lower Upper
142 100
141 89.4 71.6 107.4
115 34.1 28.8 43.2



#38
1-Methylnaphthalene
Concen: 41.312 ng
RT: 12.710 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion:142 Resp: 1925494
Ion Ratio Lower Upper
142 100
141 92.9 75.1 112.7
116 3.7 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.657 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

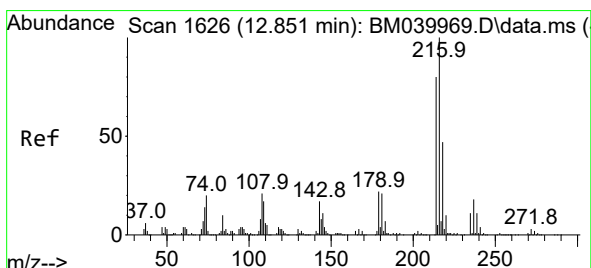
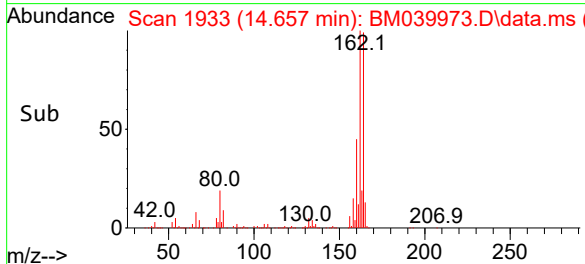
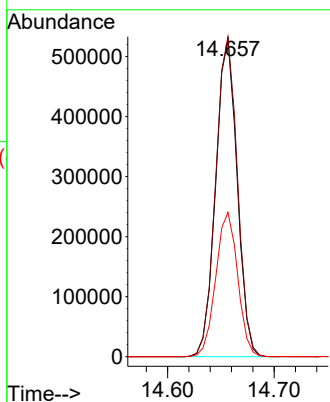
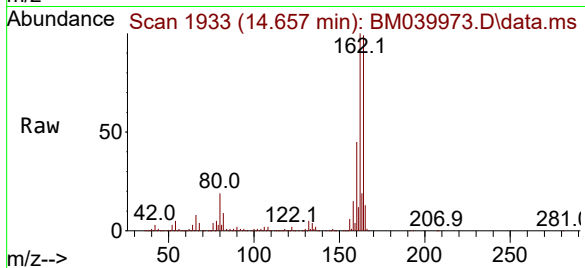
Tgt Ion:164 Resp: 736494

Ion Ratio Lower Upper

164 100

162 101.0 80.6 120.8

160 45.5 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.891 ng

RT: 12.851 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Tgt Ion:216 Resp: 929222

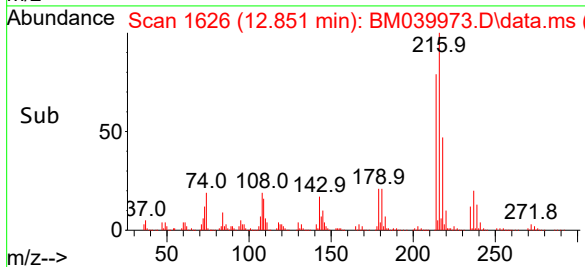
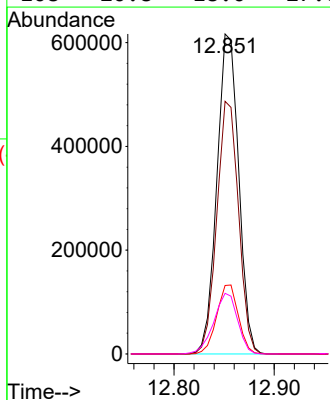
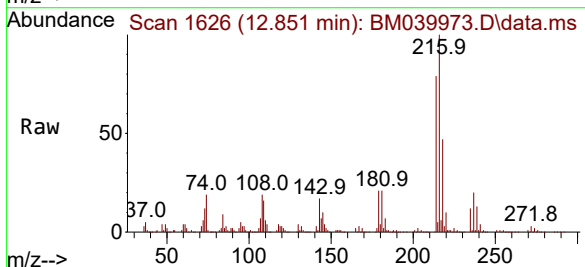
Ion Ratio Lower Upper

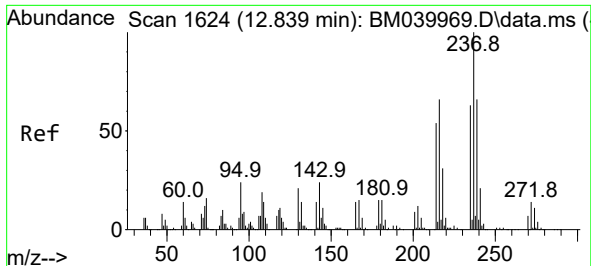
216 100

214 78.6 63.8 95.6

179 21.5 17.4 26.2

108 20.8 18.0 27.0

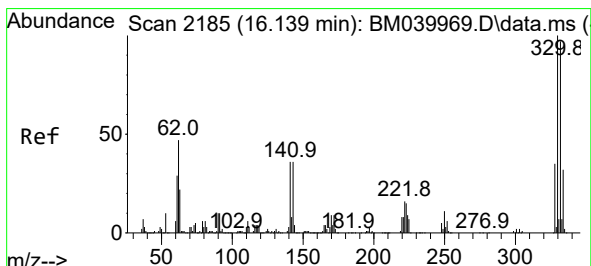
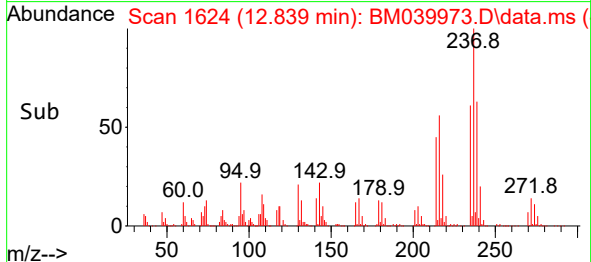
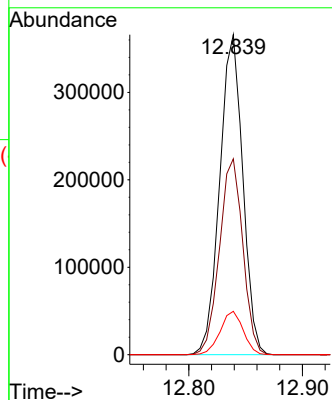
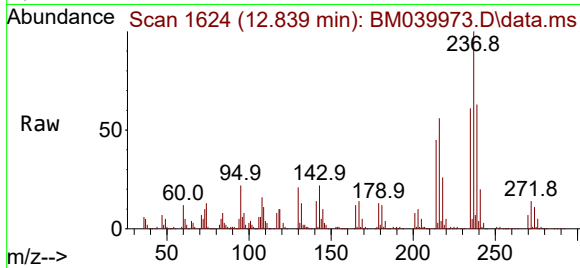




#41
Hexachlorocyclopentadiene
Concen: 42.871 ng
RT: 12.839 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

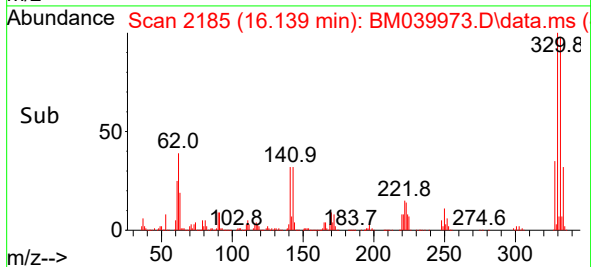
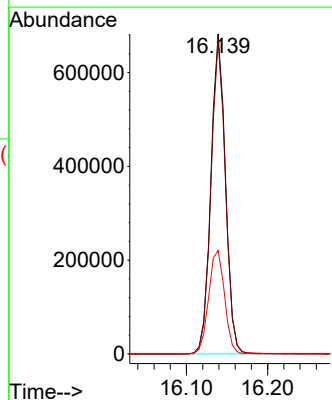
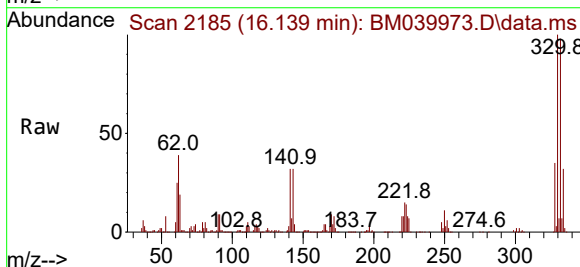
Instrument :
BNA_M
ClientSampleId :
ICVBM052323

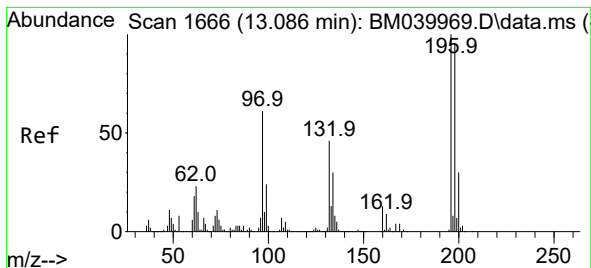
Tgt Ion:237 Resp: 516608
Ion Ratio Lower Upper
237 100
235 61.2 43.2 83.2
272 13.5 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 88.984 ng
RT: 16.139 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion:330 Resp: 850610
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 35.4 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 42.558 ng

RT: 13.092 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

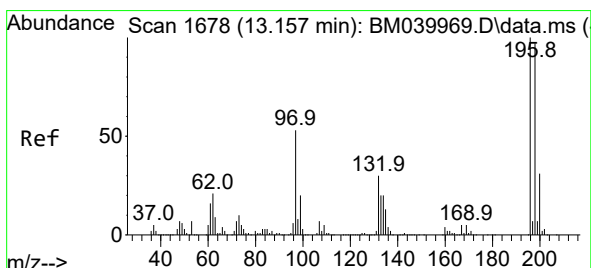
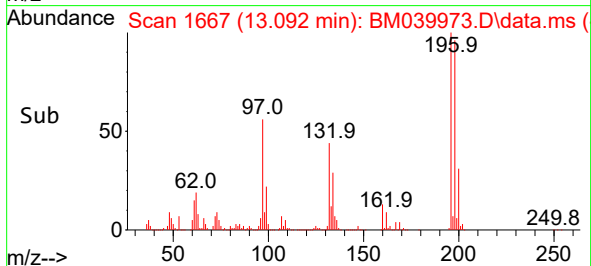
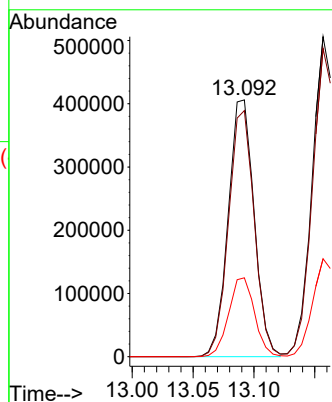
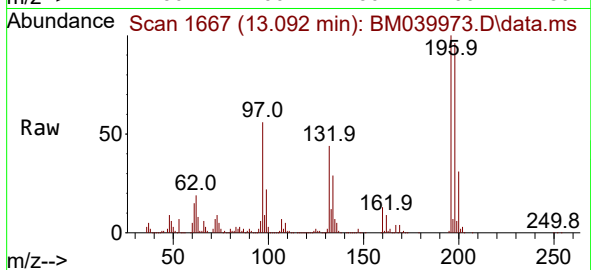
Tgt Ion:196 Resp: 601719

Ion Ratio Lower Upper

196 100

198 95.8 75.7 113.5

200 30.7 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 42.243 ng

RT: 13.157 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Tgt Ion:196 Resp: 710893

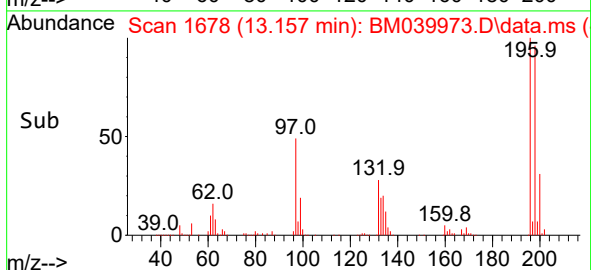
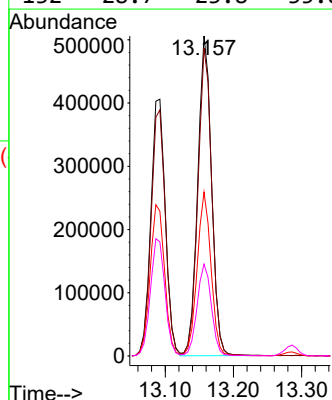
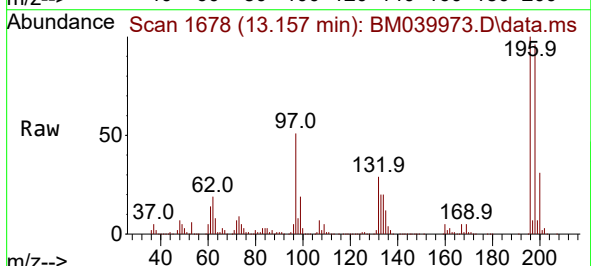
Ion Ratio Lower Upper

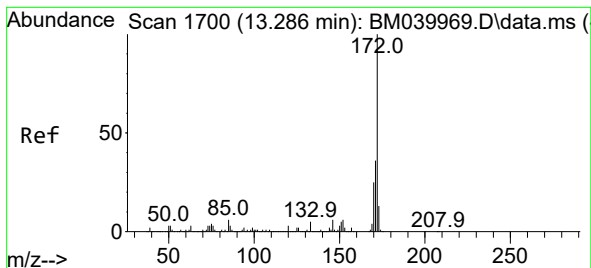
196 100

198 96.3 77.2 115.8

97 51.2 42.2 63.2

132 28.7 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 81.598 ng

RT: 13.286 min Scan# 1700

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

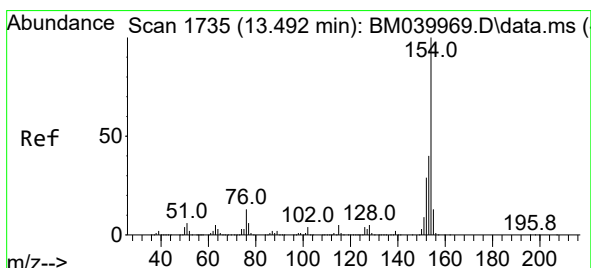
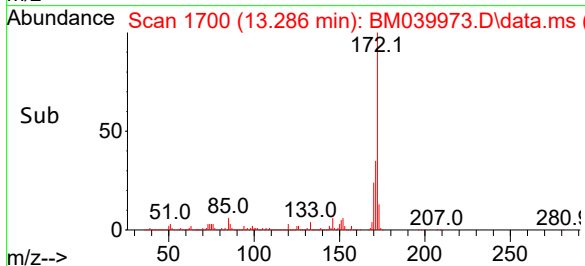
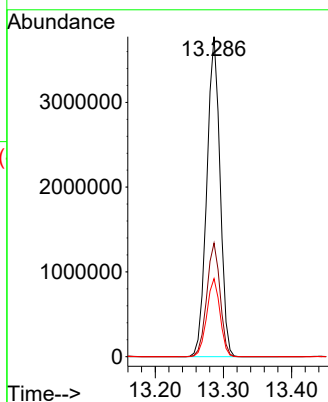
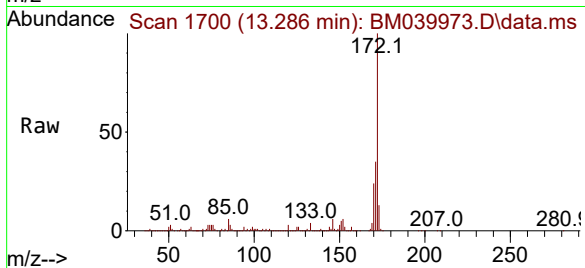
Tgt Ion:172 Resp: 5095147

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.4 19.6 29.4



#46

1,1'-Biphenyl

Concen: 41.201 ng

RT: 13.492 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

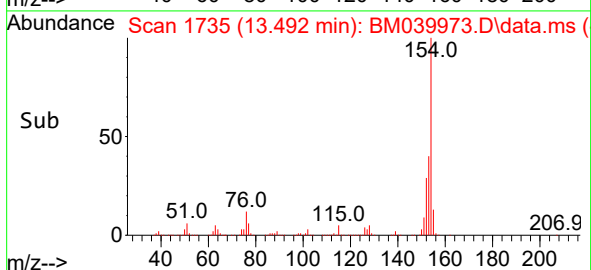
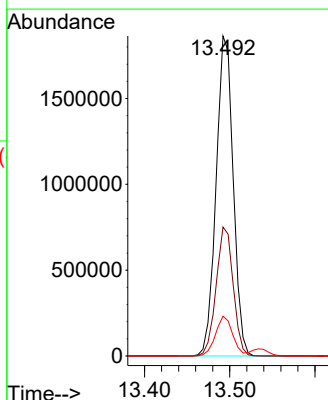
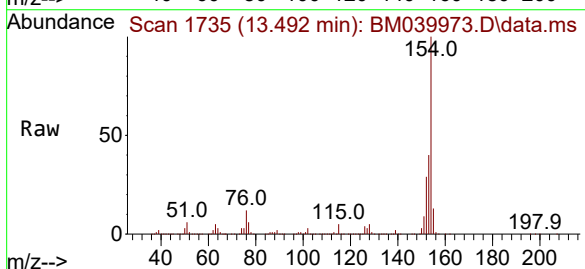
Tgt Ion:154 Resp: 2597891

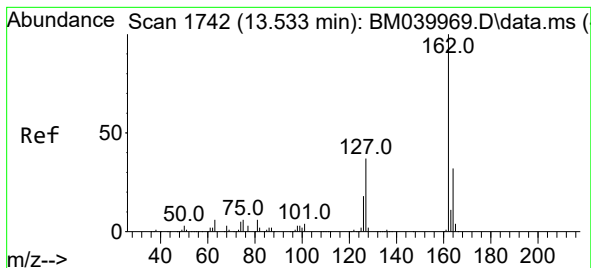
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 12.5 0.0 33.1

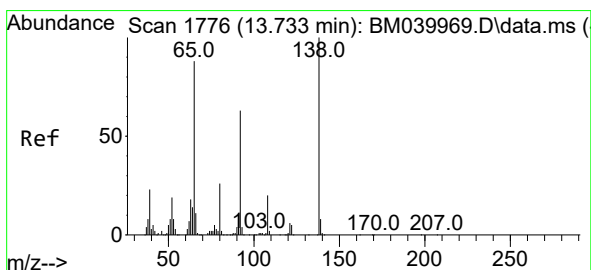
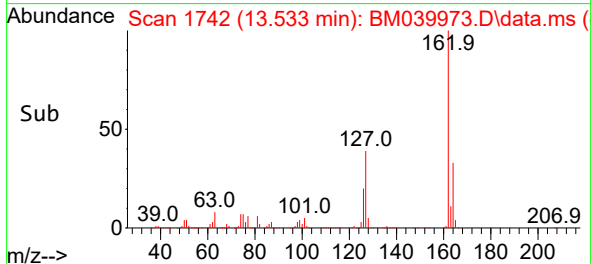
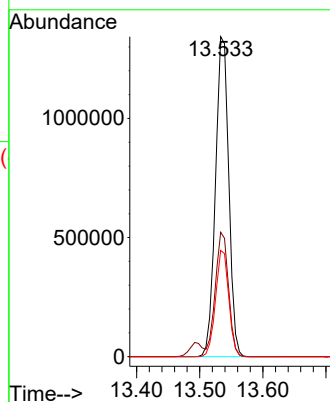
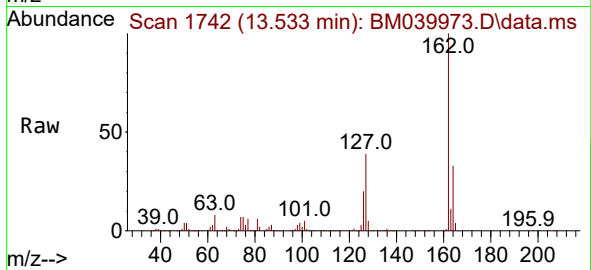




#47
2-Chloronaphthalene
Concen: 41.626 ng
RT: 13.533 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

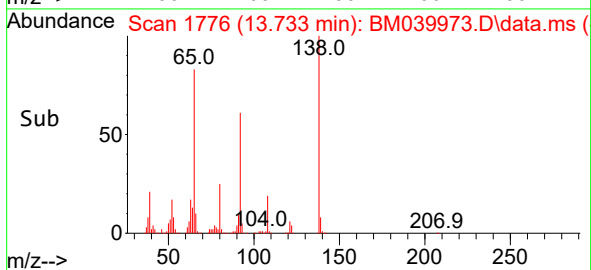
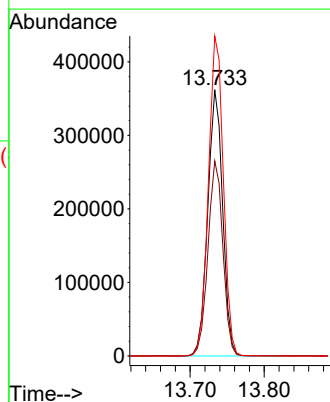
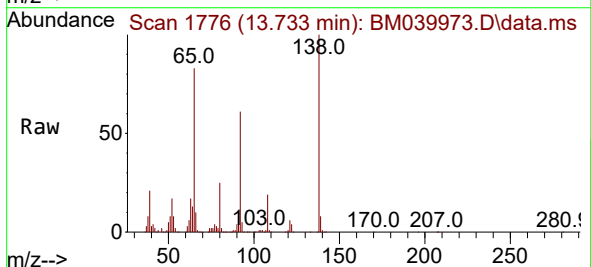
Instrument :
BNA_M
ClientSampleId :
ICVBM052323

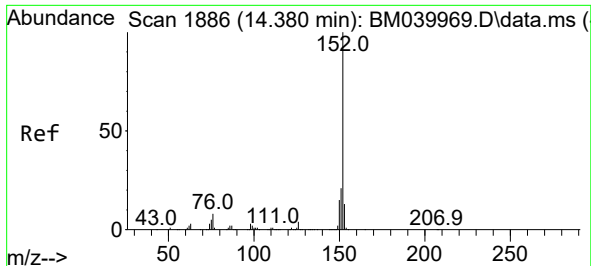
Tgt Ion:162 Resp: 1959226
Ion Ratio Lower Upper
162 100
127 38.9 31.3 46.9
164 33.2 25.8 38.8



#48
2-Nitroaniline
Concen: 40.184 ng
RT: 13.733 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion: 65 Resp: 506130
Ion Ratio Lower Upper
65 100
92 73.3 57.0 85.6
138 120.2 91.1 136.7

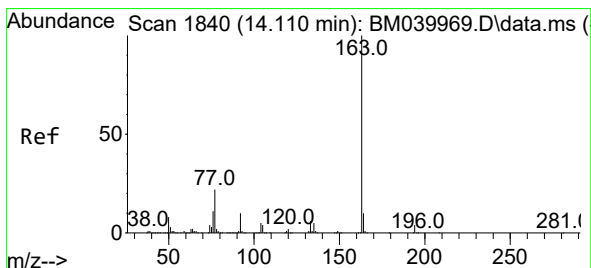
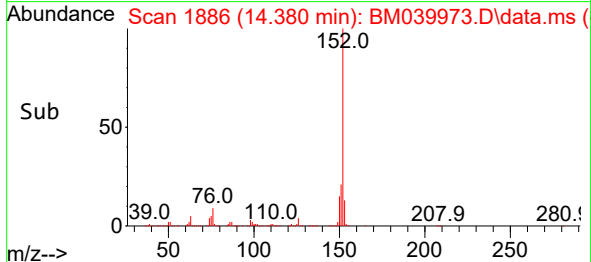
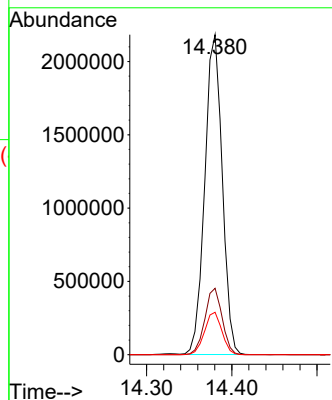
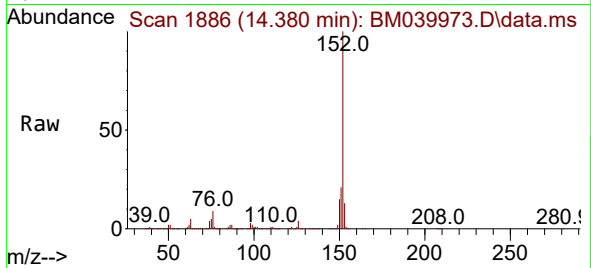




#49
Acenaphthylene
Concen: 42.154 ng
RT: 14.380 min Scan# 1886
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

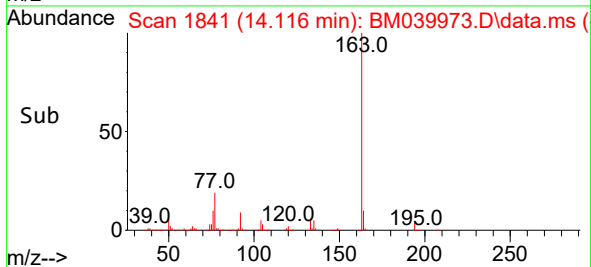
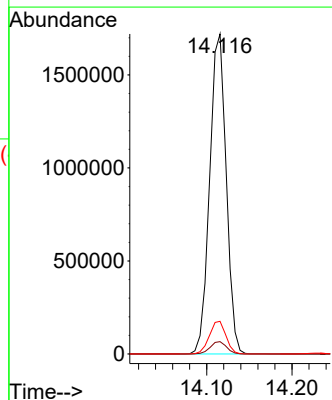
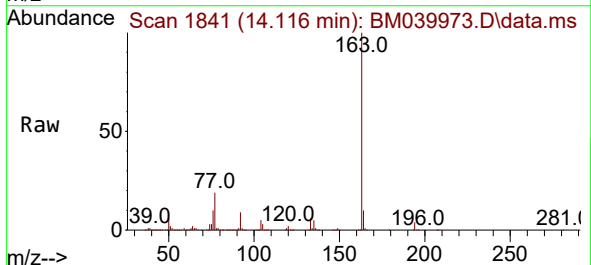
Instrument :
BNA_M
ClientSampleId :
ICVBM052323

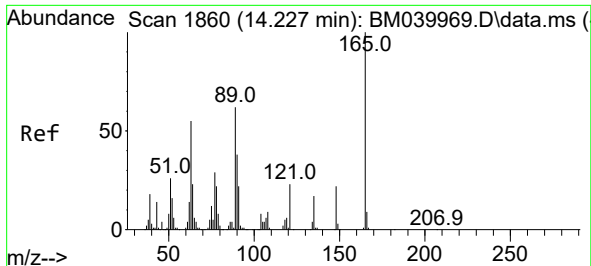
Tgt Ion:152 Resp: 3106021
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.3 10.3 15.5



#50
Dimethylphthalate
Concen: 41.741 ng
RT: 14.116 min Scan# 1841
Delta R.T. 0.006 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion:163 Resp: 2317455
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.2 12.2

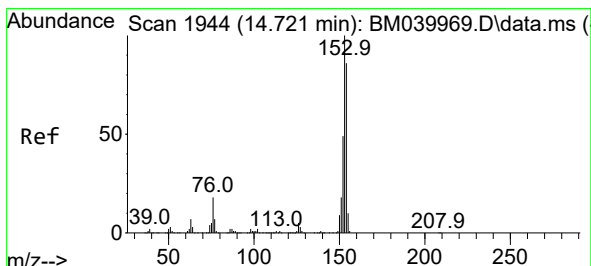
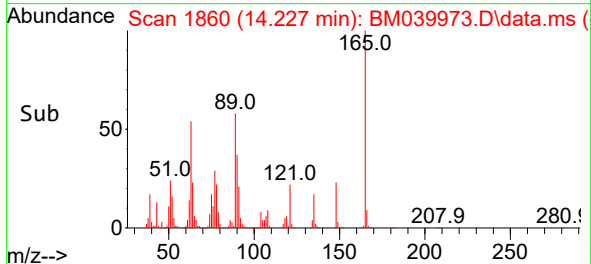
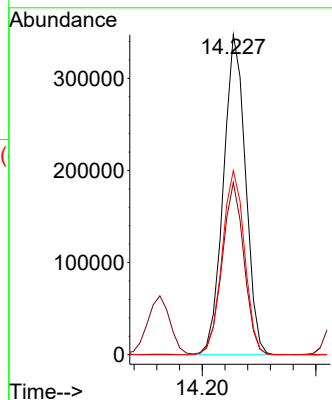
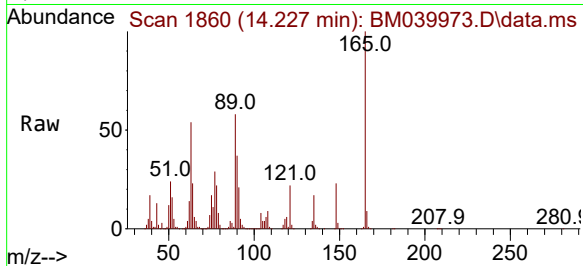




#51
2,6-Dinitrotoluene
Concen: 44.198 ng
RT: 14.227 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

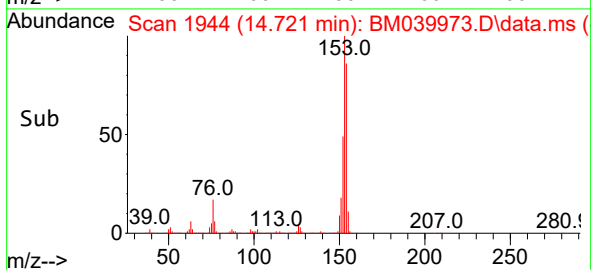
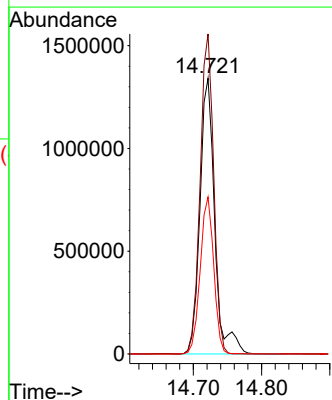
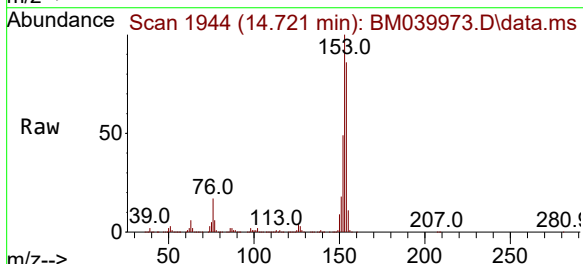
Instrument :
BNA_M
ClientSampleId :
ICVBM052323

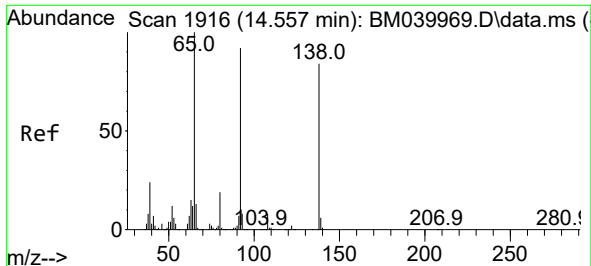
Tgt Ion:165 Resp: 469423
Ion Ratio Lower Upper
165 100
63 53.8 45.3 67.9
89 57.5 49.5 74.3



#52
Acenaphthene
Concen: 41.830 ng
RT: 14.721 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion:154 Resp: 2013841
Ion Ratio Lower Upper
154 100
153 116.1 92.6 139.0
152 56.9 45.5 68.3

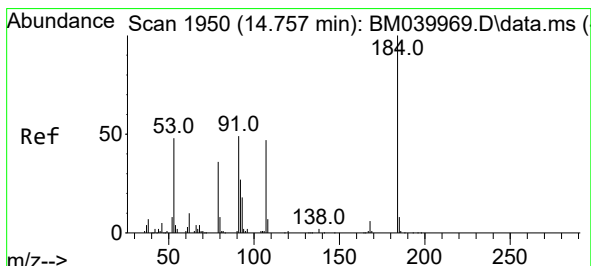
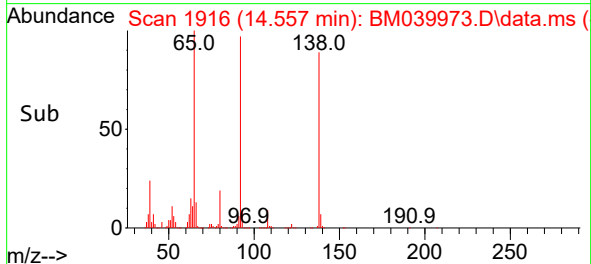
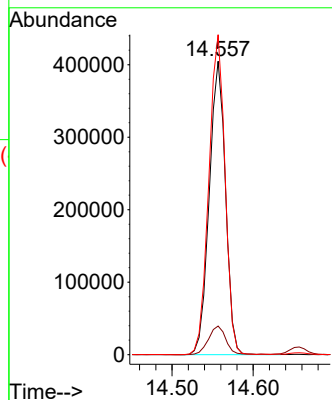
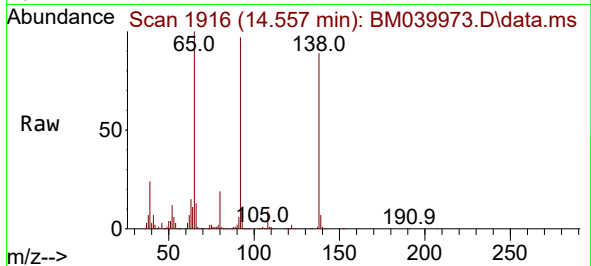




#53
3-Nitroaniline
Concen: 44.691 ng
RT: 14.557 min Scan# 1916
Delta R.T. -0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

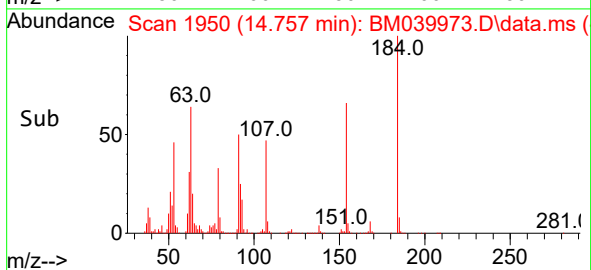
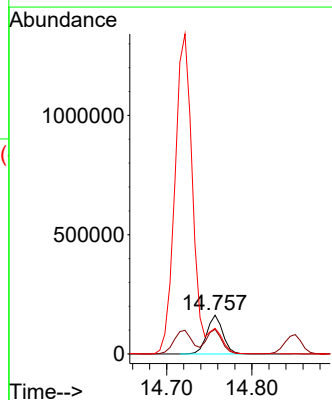
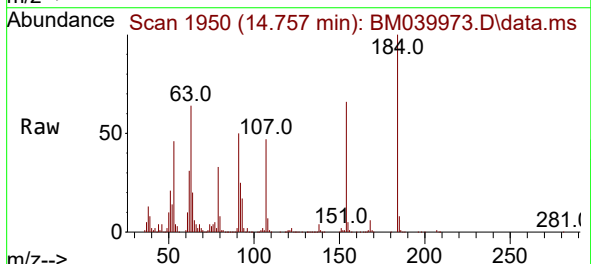
Instrument :
BNA_M
ClientSampleId :
ICVBM052323

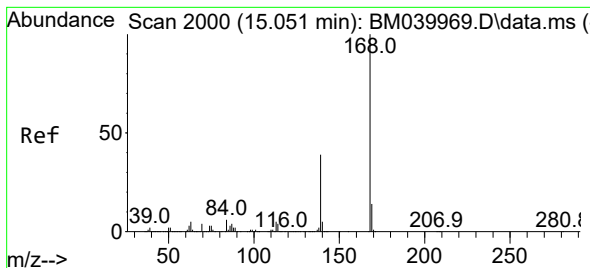
Tgt Ion:138 Resp: 561512
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 109.0 87.7 131.5



#54
2,4-Dinitrophenol
Concen: 40.132 ng
RT: 14.757 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion:184 Resp: 210880
Ion Ratio Lower Upper
184 100
63 63.6 53.0 79.4
154 66.3 54.4 81.6

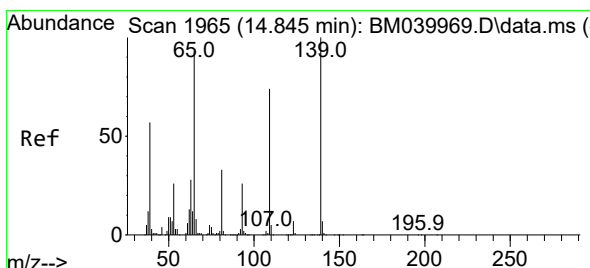
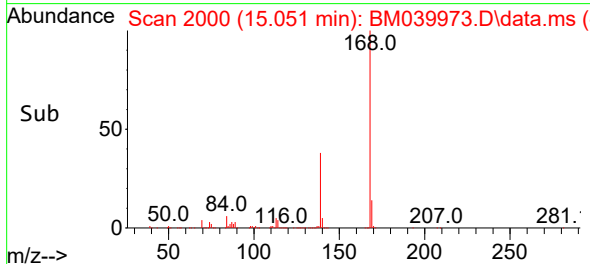
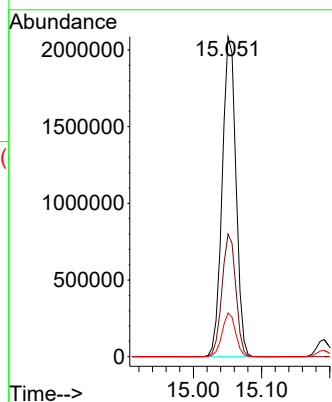
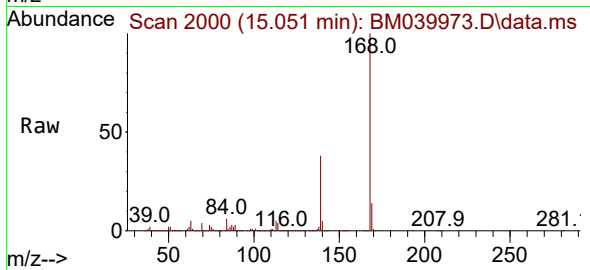




#55
Dibenzenofuran
Concen: 41.204 ng
RT: 15.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

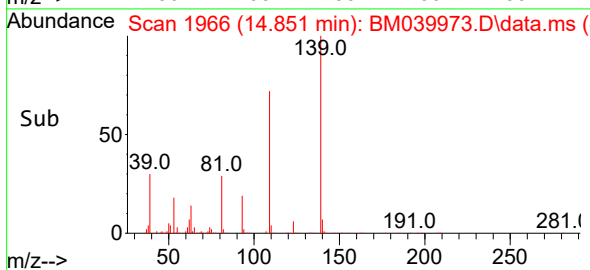
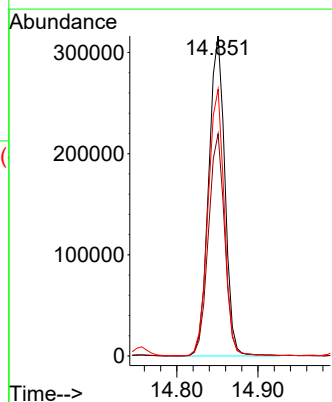
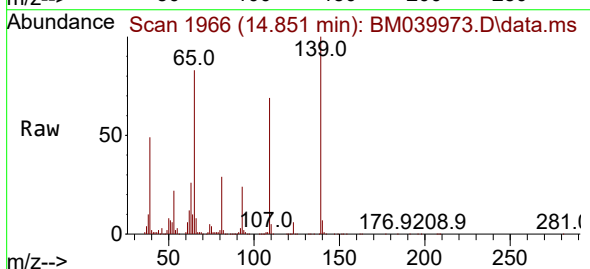
Instrument :
BNA_M
ClientSampleId :
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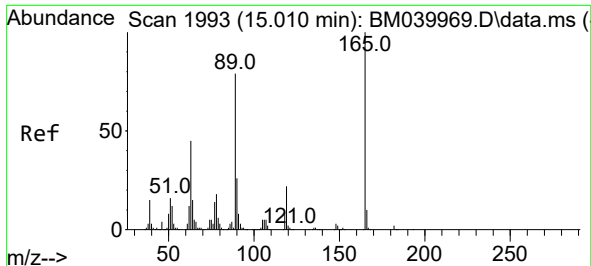
Tgt Ion:168 Resp: 2928414
Ion Ratio Lower Upper
168 100
139 38.3 31.5 47.3
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 44.937 ng
RT: 14.851 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion:139 Resp: 436753
Ion Ratio Lower Upper
139 100
109 69.5 53.9 93.9
65 83.4 72.6 112.6

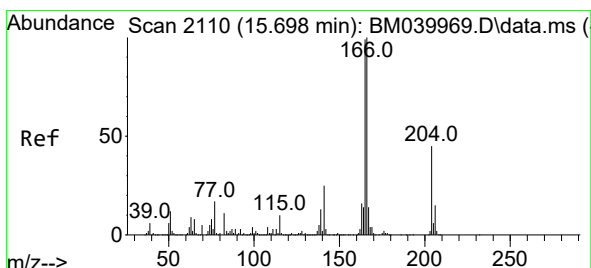
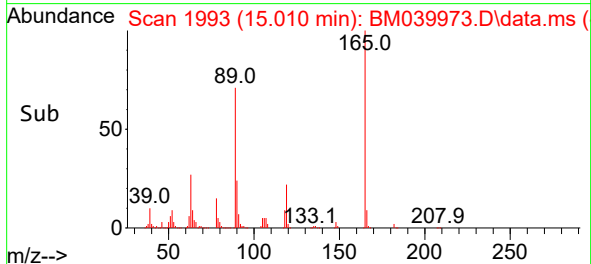
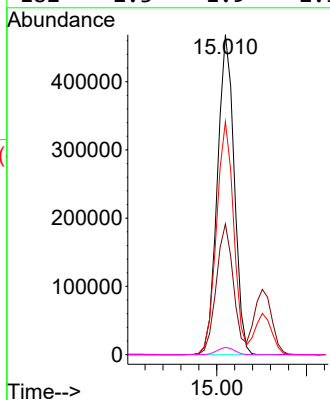
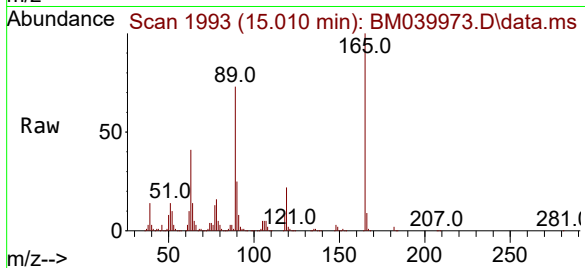




#57
2,4-Dinitrotoluene
Concen: 40.527 ng
RT: 15.010 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

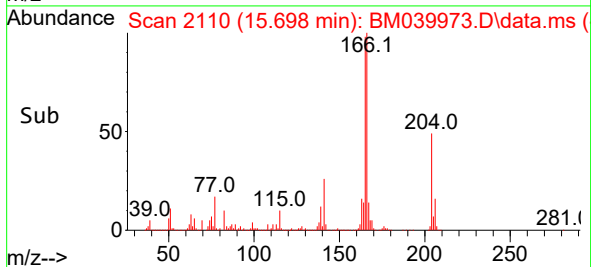
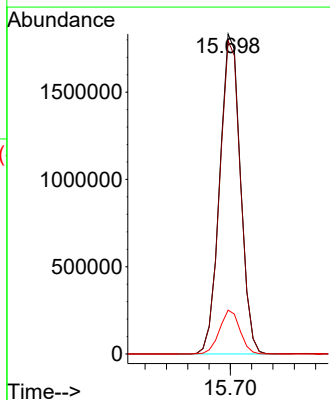
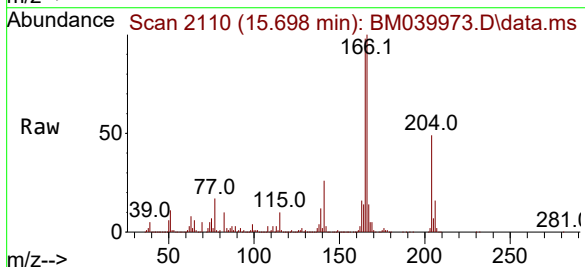
Instrument :
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ClientSampleId :
ICVBM052323

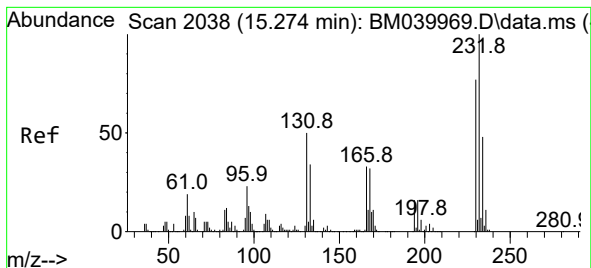
Tgt Ion:165 Resp: 610070
Ion Ratio Lower Upper
165 100
63 40.9 36.2 54.2
89 72.8 63.4 95.0
182 2.3 1.9 2.9



#58
Fluorene
Concen: 41.862 ng
RT: 15.698 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion:166 Resp: 2473248
Ion Ratio Lower Upper
166 100
165 97.8 79.5 119.3
167 13.7 11.0 16.6

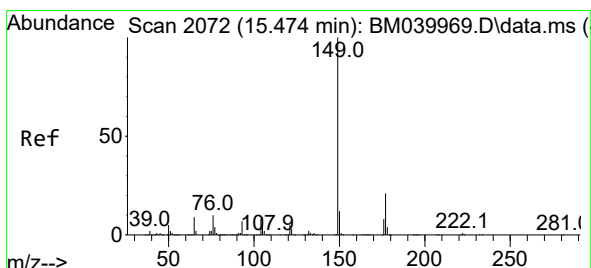
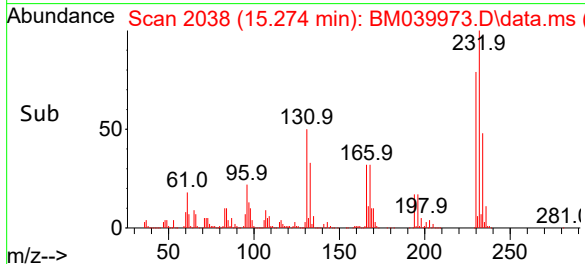
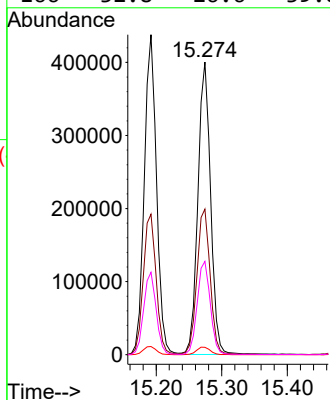
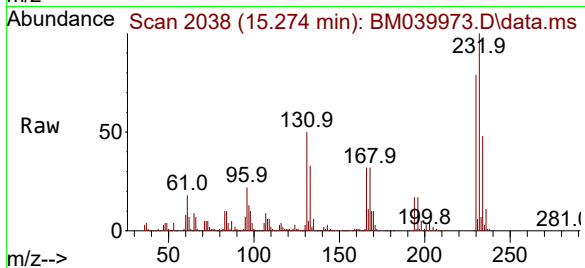




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.314 ng
RT: 15.274 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

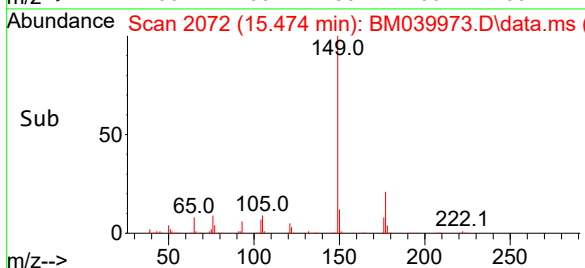
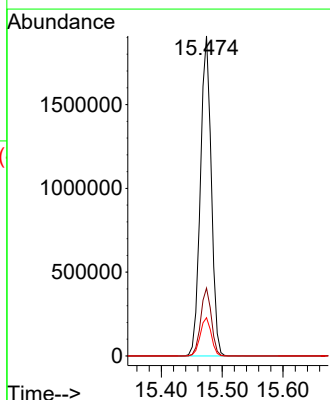
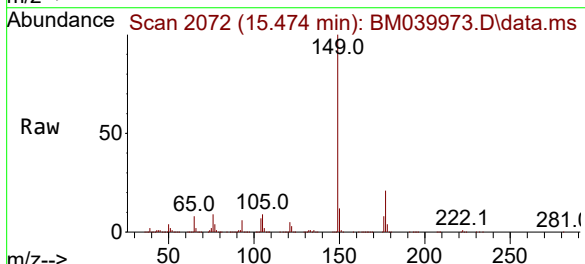
Instrument :
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ClientSampleId :
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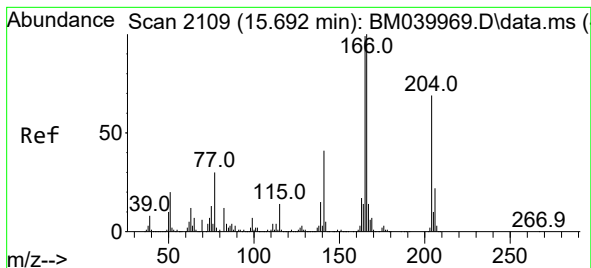
Tgt Ion:232 Resp: 542077
Ion Ratio Lower Upper
232 100
131 52.0 42.8 64.2
130 2.8 2.3 3.5
166 32.8 26.6 39.8



#60
Diethylphthalate
Concen: 42.894 ng
RT: 15.474 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion:149 Resp: 2353938
Ion Ratio Lower Upper
149 100
177 21.2 16.8 25.2
150 11.9 9.5 14.3

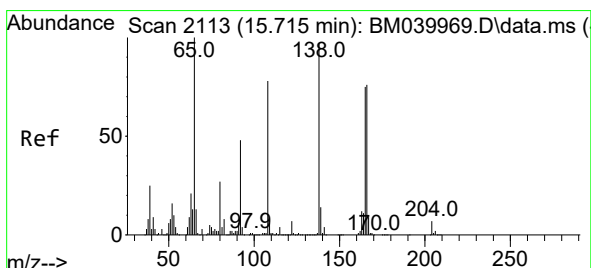
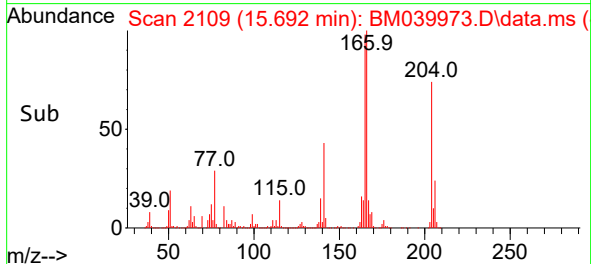
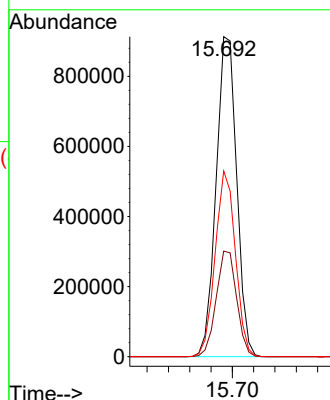
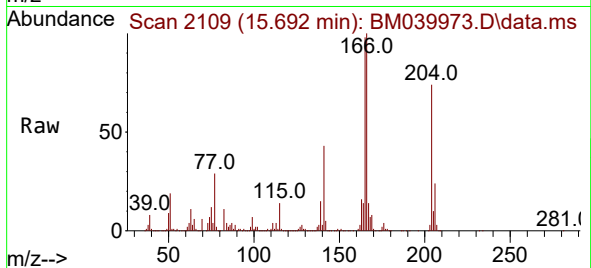




#61
4-Chlorophenyl-phenylether
Concen: 42.297 ng
RT: 15.692 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

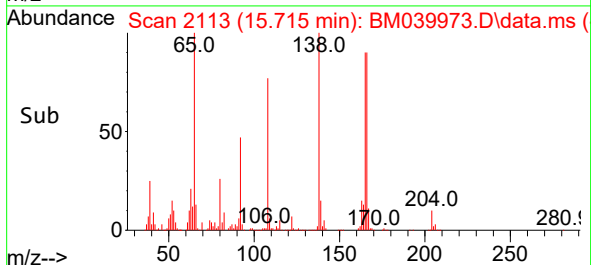
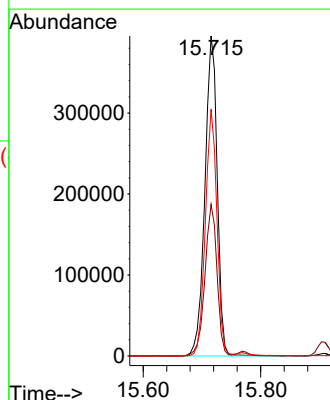
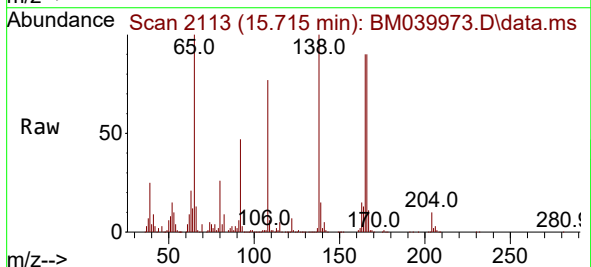
Instrument :
BNA_M
ClientSampleId :
ICVBM052323

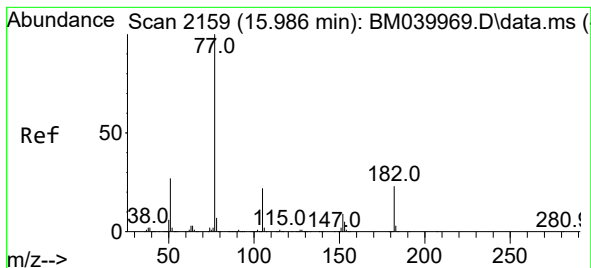
Tgt Ion:204 Resp: 1222616
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.8
141 58.1 46.9 70.3



#62
4-Nitroaniline
Concen: 44.108 ng
RT: 15.715 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion:138 Resp: 577152
Ion Ratio Lower Upper
138 100
92 47.4 29.1 69.1
108 77.1 60.0 100.0





#63

Azobenzene

Concen: 40.968 ng

RT: 15.986 min Scan# 2159

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

Tgt Ion: 77 Resp: 2241496

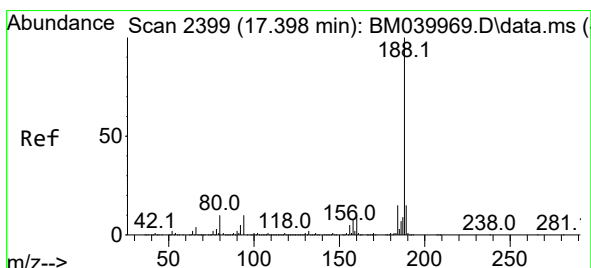
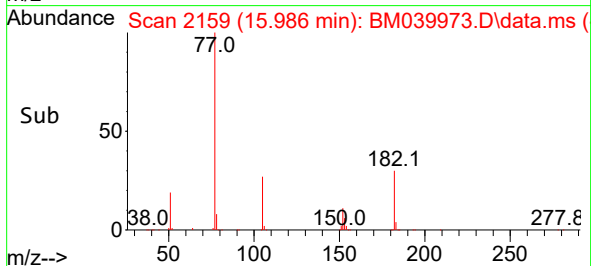
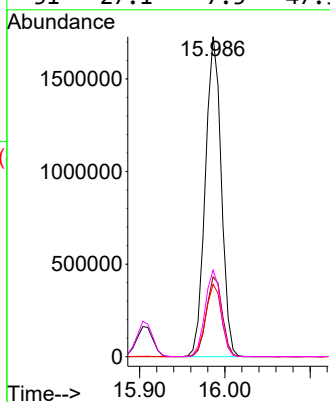
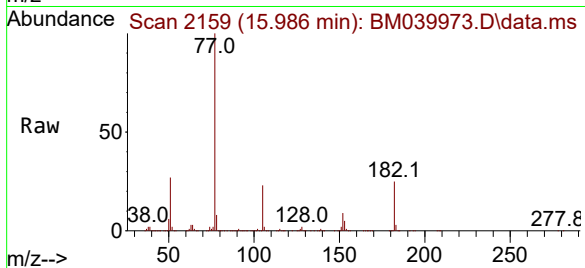
Ion Ratio Lower Upper

77 100

182 25.0 2.9 42.9

105 22.7 1.5 41.5

51 27.1 7.5 47.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.398 min Scan# 2399

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

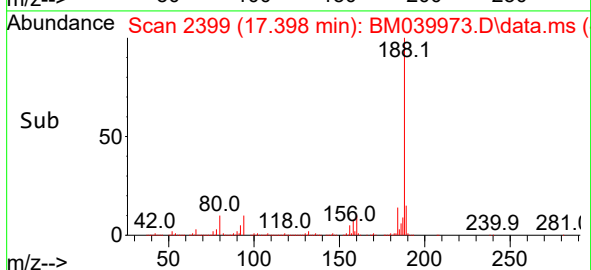
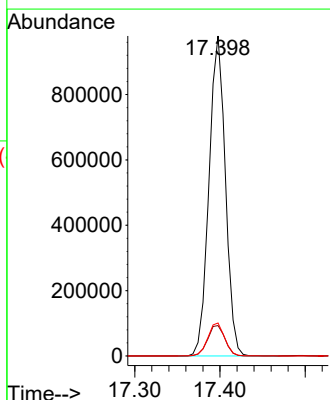
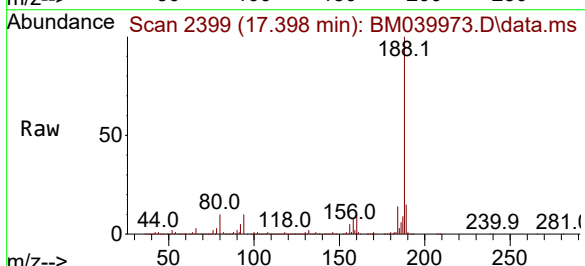
Tgt Ion: 188 Resp: 1308855

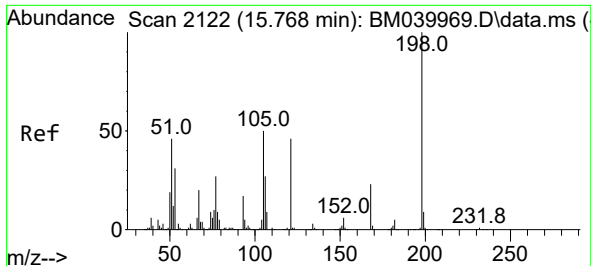
Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.8

80 10.3 8.2 12.4

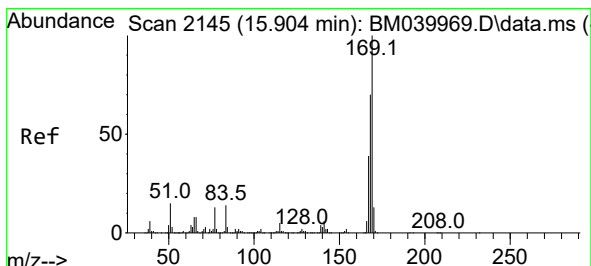
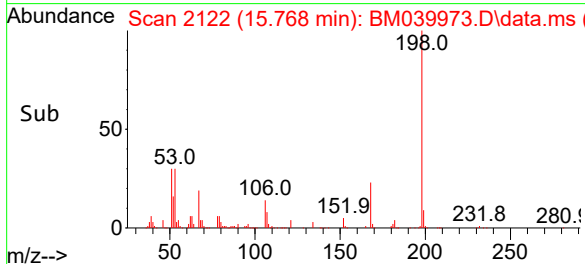
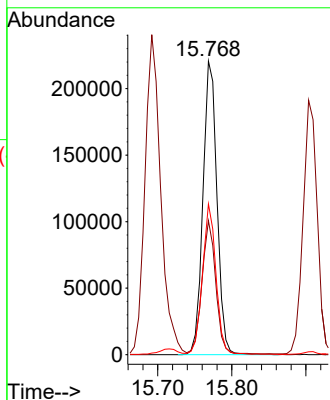
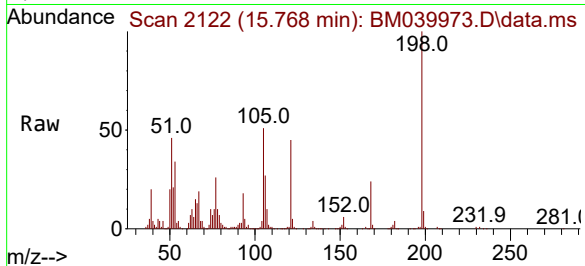




#65
4,6-Dinitro-2-methylphenol
Concen: 41.469 ng
RT: 15.768 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

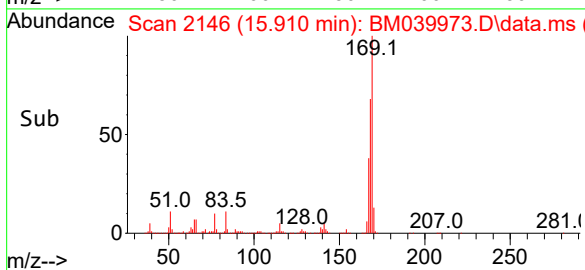
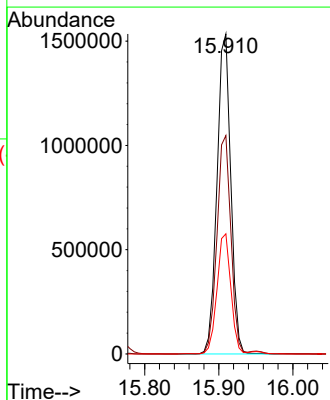
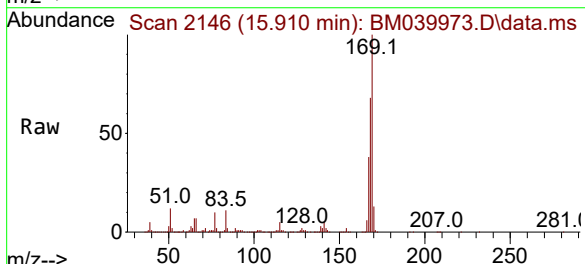
Instrument :
BNA_M
ClientSampleId :
ICVBM052323

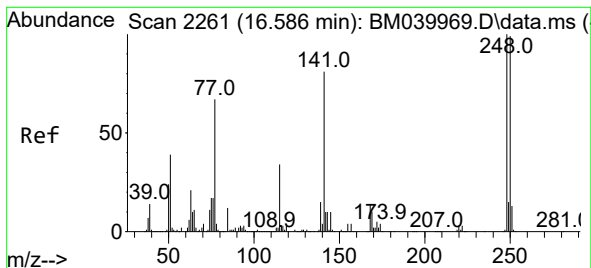
Tgt Ion:198 Resp: 289967
Ion Ratio Lower Upper
198 100
51 45.6 29.9 69.9
105 51.4 30.4 70.4



#66
n-Nitrosodiphenylamine
Concen: 43.932 ng
RT: 15.910 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion:169 Resp: 1977377
Ion Ratio Lower Upper
169 100
168 68.2 56.0 84.0
167 37.6 31.0 46.6

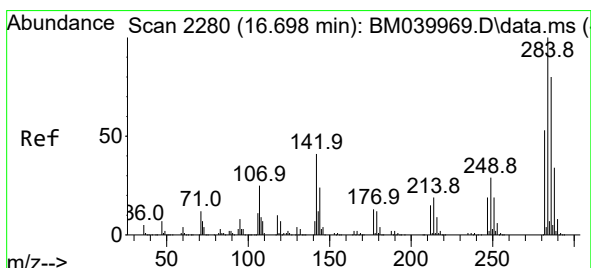
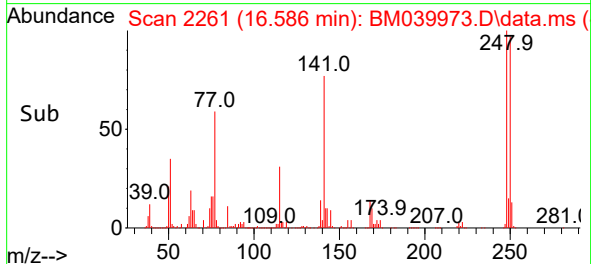
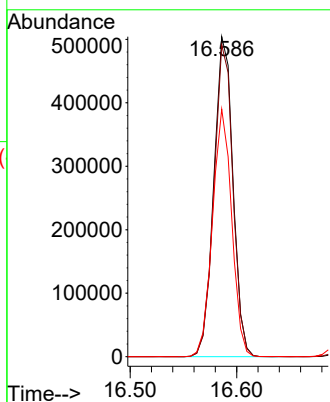
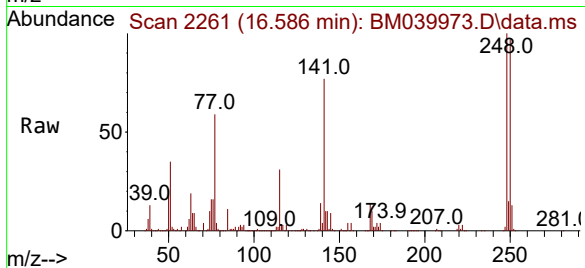




#67
4-Bromophenyl-phenylether
Concen: 43.414 ng
RT: 16.586 min Scan# 211
Delta R.T. 0.000 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

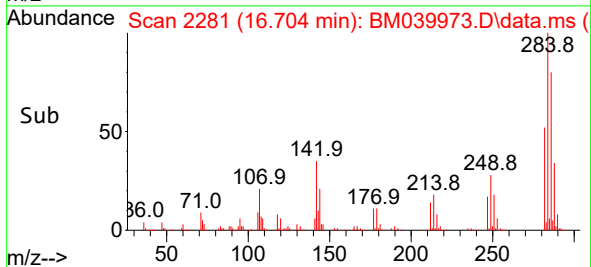
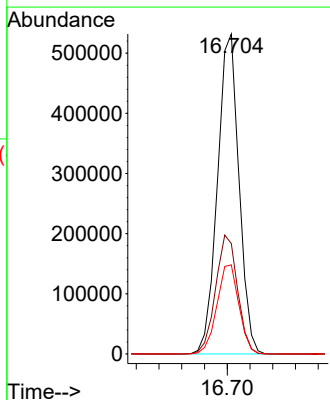
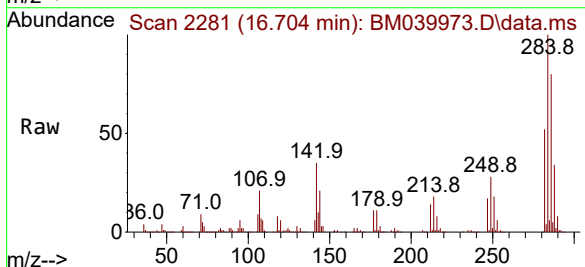
Instrument :
BNA_M
ClientSampleId :
ICVBM052323

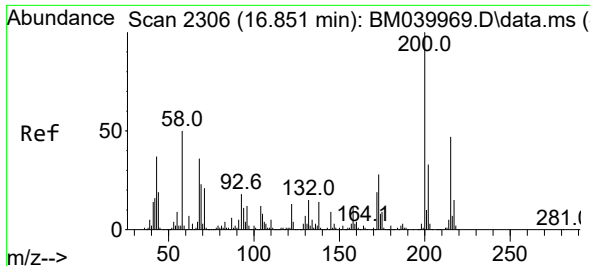
Tgt Ion:248 Resp: 627864
Ion Ratio Lower Upper
248 100
250 97.4 79.4 119.0
141 77.4 64.8 97.2



#68
Hexachlorobenzene
Concen: 42.347 ng
RT: 16.704 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BM039973.D
Acq: 23 May 2023 14:50

Tgt Ion:284 Resp: 699881
Ion Ratio Lower Upper
284 100
142 34.5 32.4 48.6
249 27.9 23.4 35.2

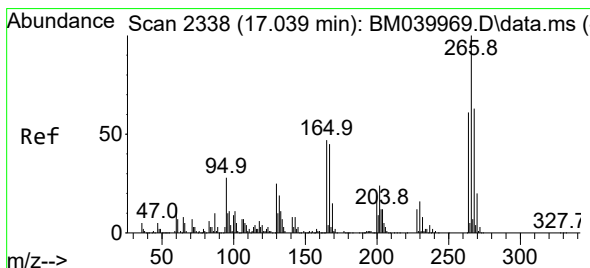
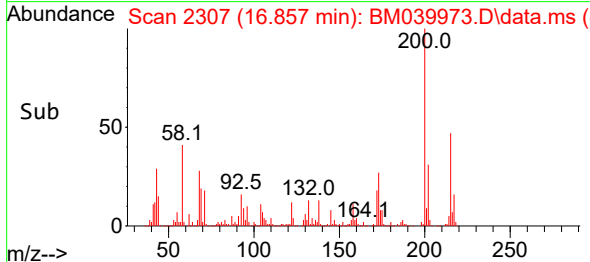
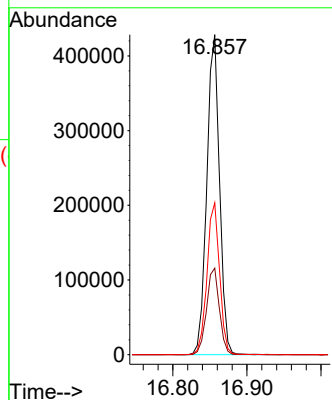
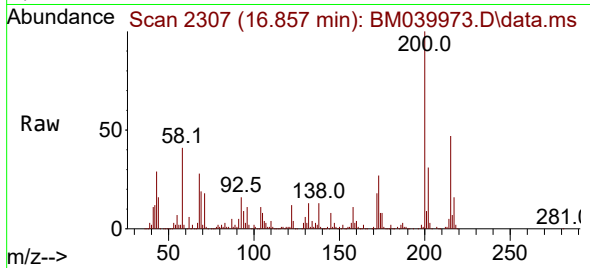




#69
 Atrazine
 Concen: 45.648 ng
 RT: 16.857 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM039973.D
 Acq: 23 May 2023 14:50

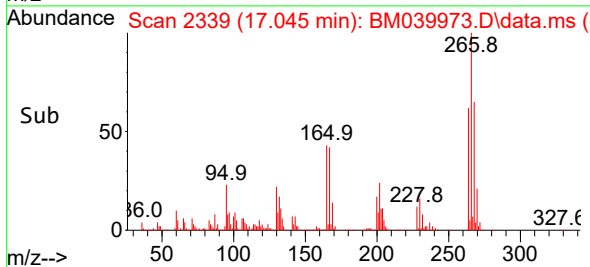
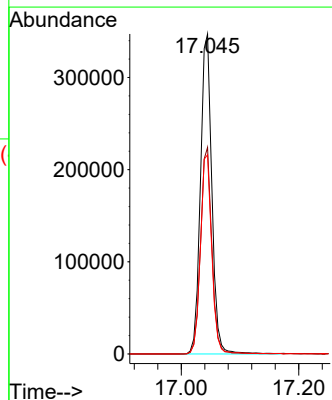
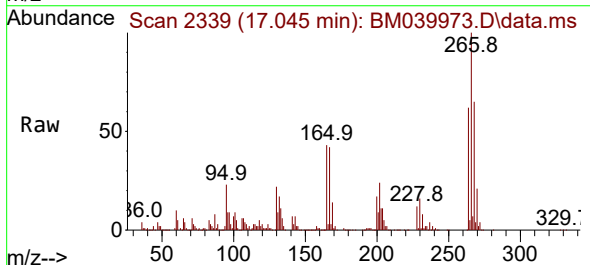
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM052323

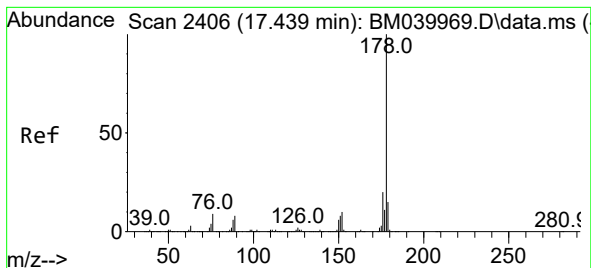
Tgt Ion:200 Resp: 511075
 Ion Ratio Lower Upper
 200 100
 173 27.0 7.7 47.7
 215 47.5 27.5 67.5



#70
 Pentachlorophenol
 Concen: 43.063 ng
 RT: 17.045 min Scan# 2339
 Delta R.T. 0.006 min
 Lab File: BM039973.D
 Acq: 23 May 2023 14:50

Tgt Ion:266 Resp: 467207
 Ion Ratio Lower Upper
 266 100
 268 64.6 50.2 75.4
 264 62.2 49.0 73.6





#71

Phenanthrene

Concen: 41.014 ng

RT: 17.439 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

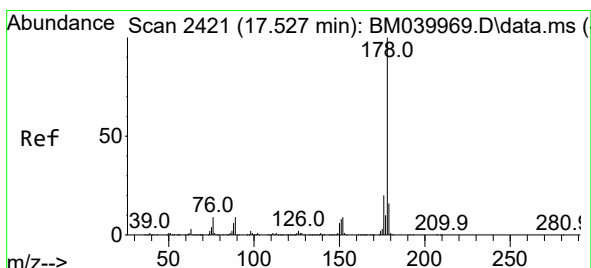
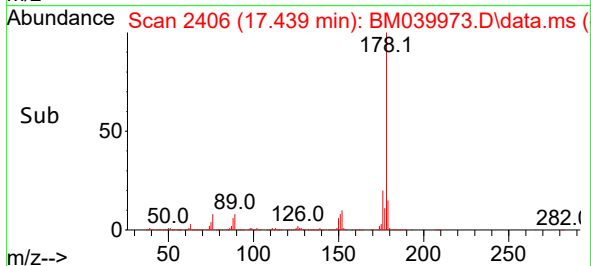
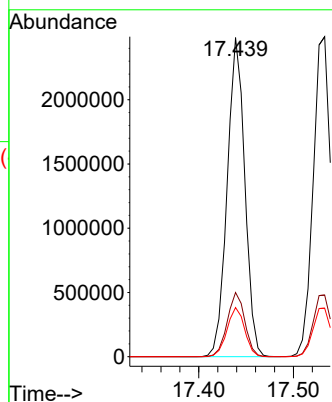
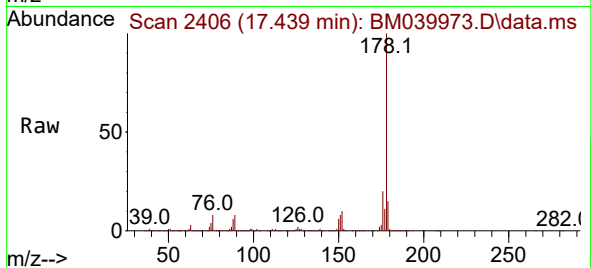
Tgt Ion:178 Resp: 3210931

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

179 15.4 12.2 18.4



#72

Anthracene

Concen: 42.742 ng

RT: 17.533 min Scan# 2422

Delta R.T. 0.006 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

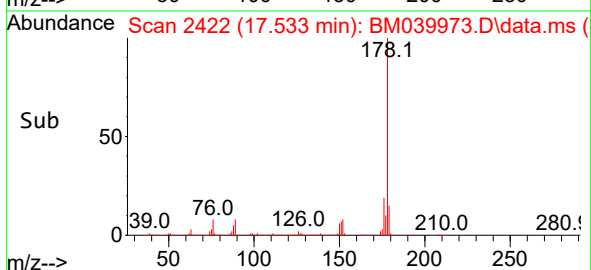
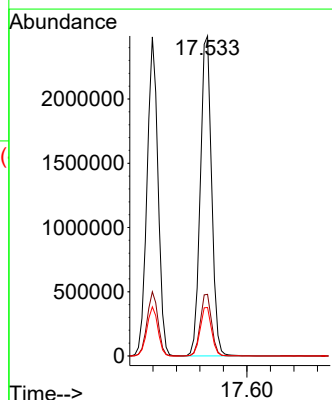
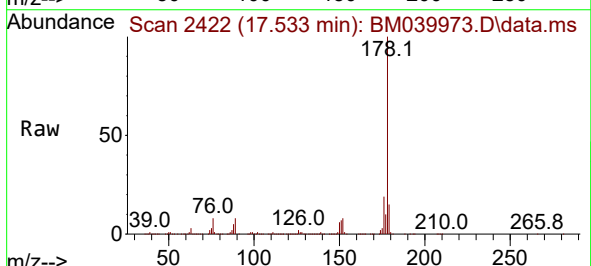
Tgt Ion:178 Resp: 3315405

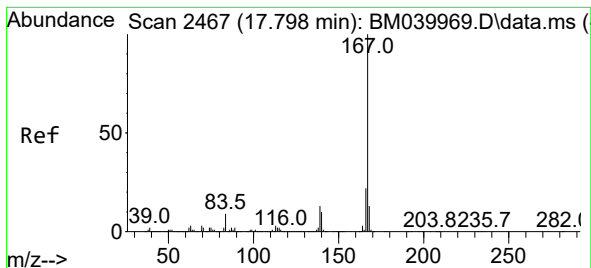
Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

179 15.2 12.5 18.7





#73

Carbazole

Concen: 41.848 ng

RT: 17.798 min Scan# 2467

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

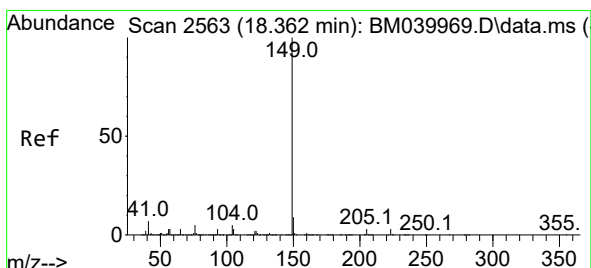
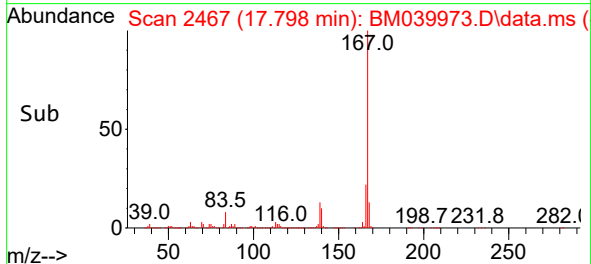
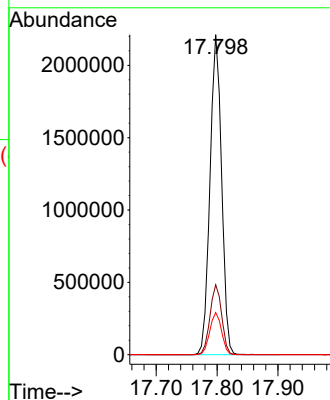
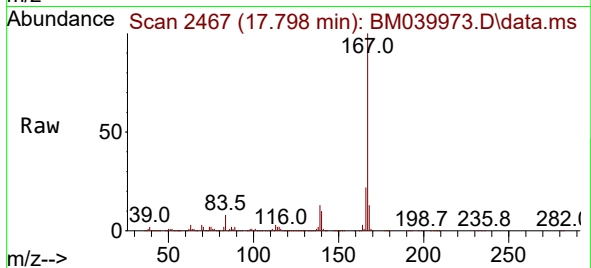
Tgt Ion:167 Resp: 2932712

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.8

139 13.1 10.8 16.2



#74

Di-n-butylphthalate

Concen: 40.558 ng

RT: 18.362 min Scan# 2563

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

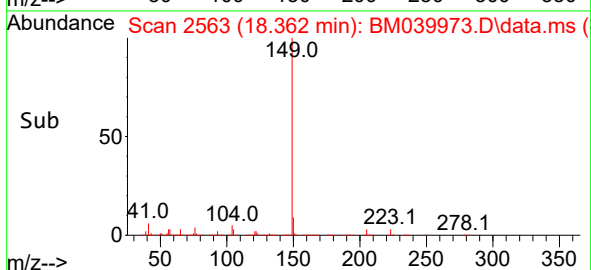
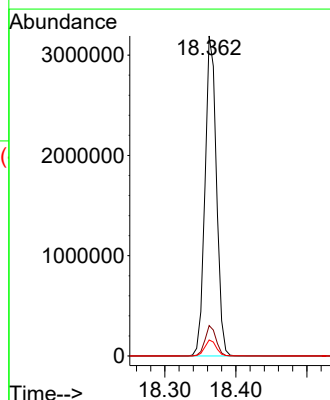
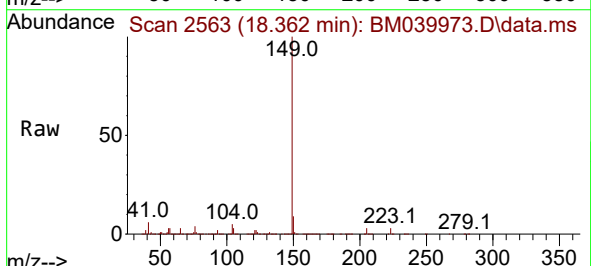
Tgt Ion:149 Resp: 3578651

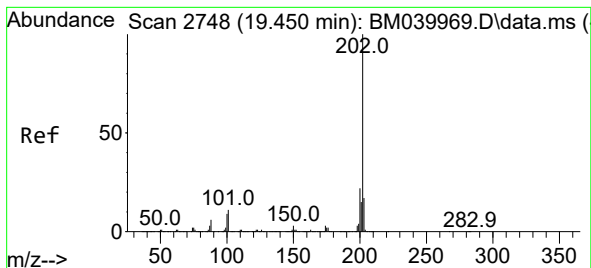
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 40.420 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

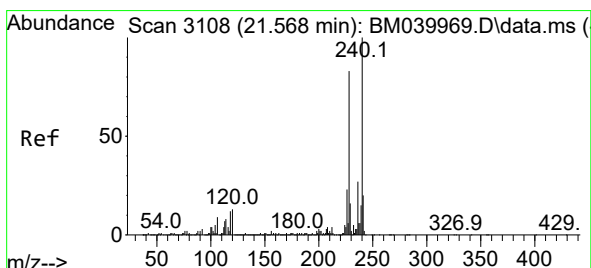
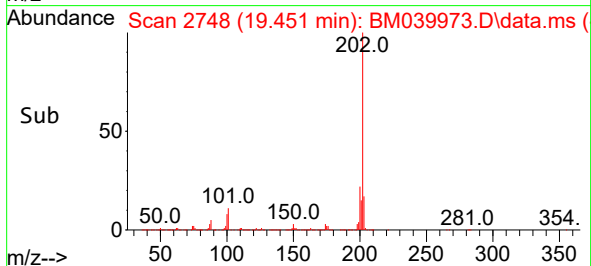
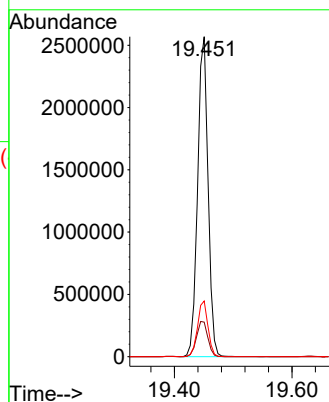
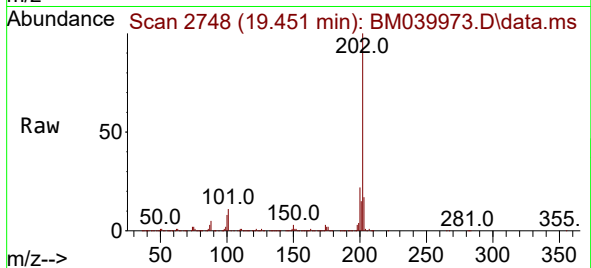
Tgt Ion:202 Resp: 3153932

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.3

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3109

Delta R.T. 0.006 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

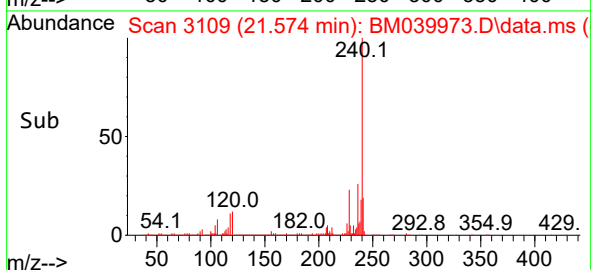
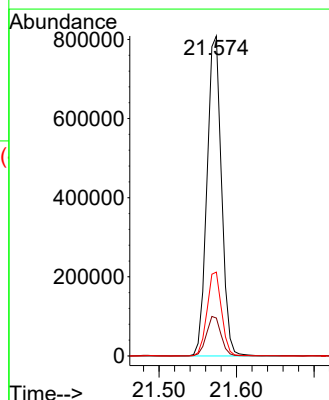
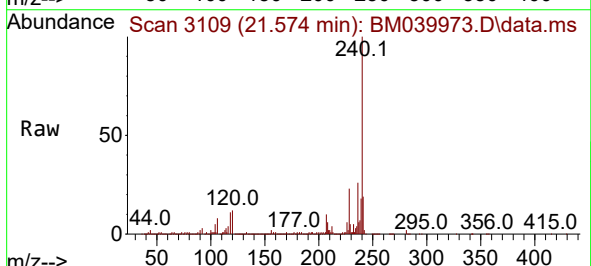
Tgt Ion:240 Resp: 1049310

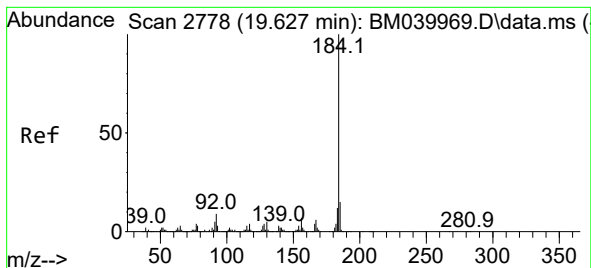
Ion Ratio Lower Upper

240 100

120 11.8 10.1 15.1

236 26.2 21.3 31.9





#77

Benzidine

Concen: 45.156 ng

RT: 19.633 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

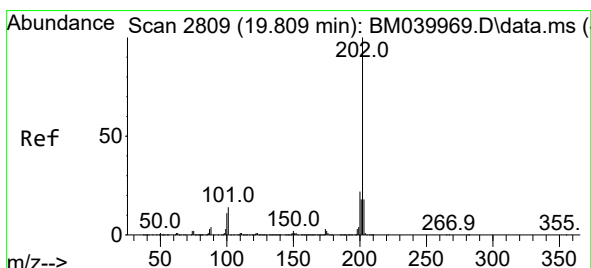
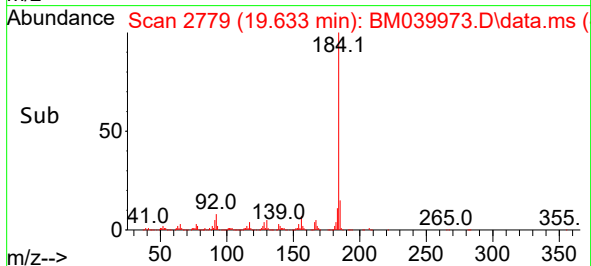
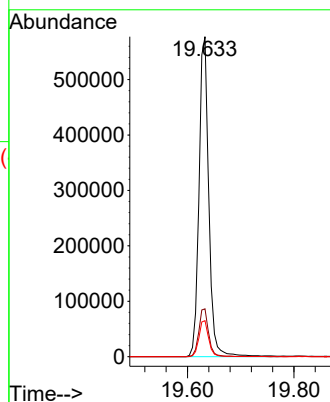
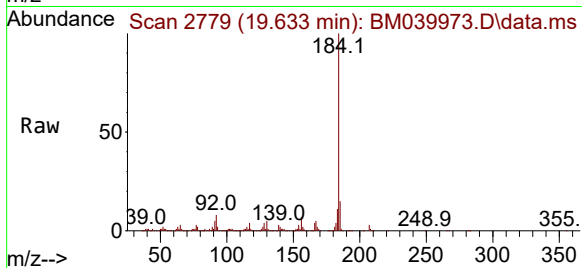
Tgt Ion:184 Resp: 735798

Ion Ratio Lower Upper

184 100

185 15.0 11.9 17.9

183 11.3 9.2 13.8



#78

Pyrene

Concen: 42.968 ng

RT: 19.809 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

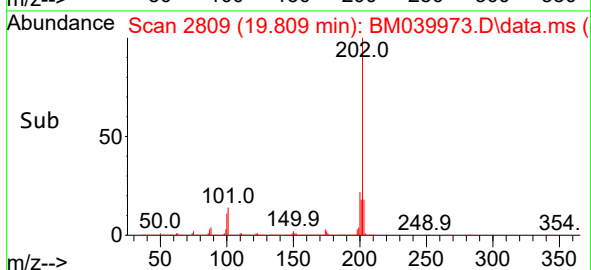
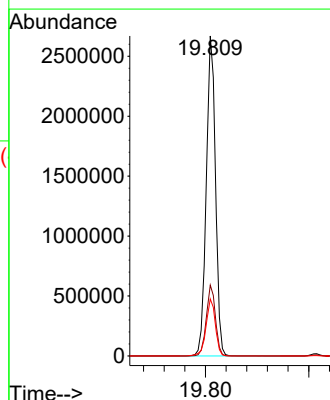
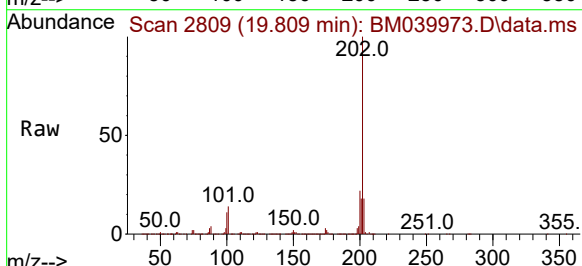
Tgt Ion:202 Resp: 3308448

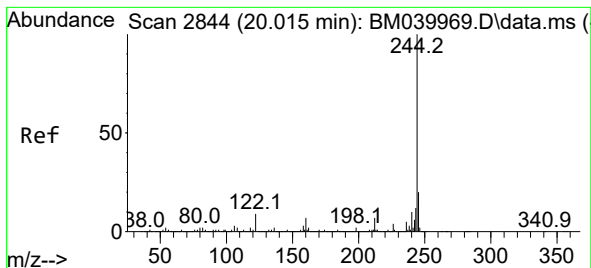
Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 94.384 ng

RT: 20.015 min Scan# 2844

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

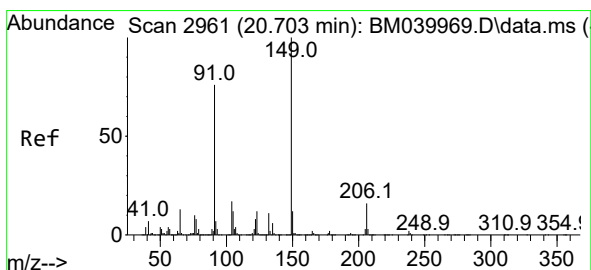
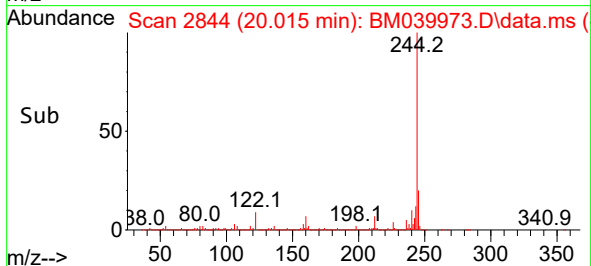
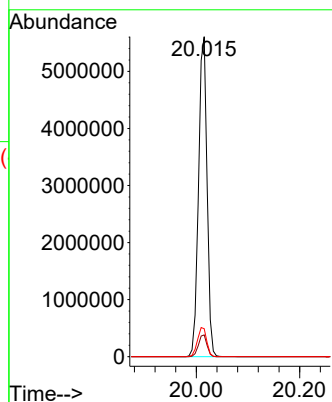
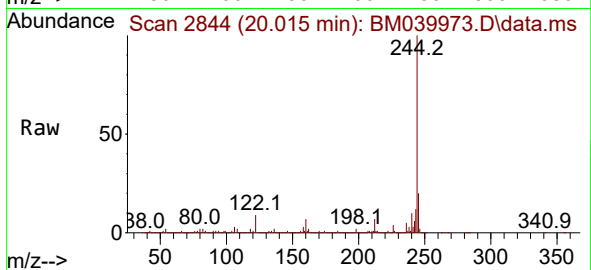
Tgt Ion:244 Resp: 6378416

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 8.8 7.1 10.7



#80

Butylbenzylphthalate

Concen: 43.581 ng

RT: 20.703 min Scan# 2961

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

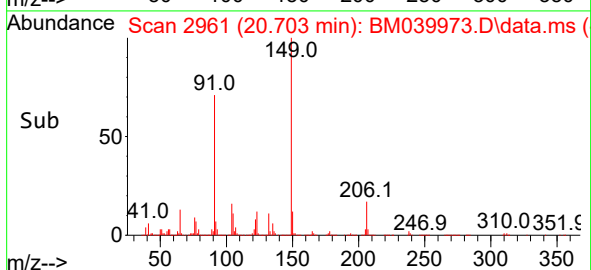
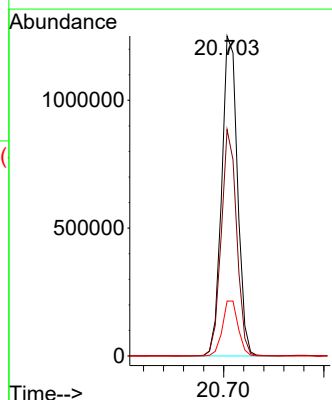
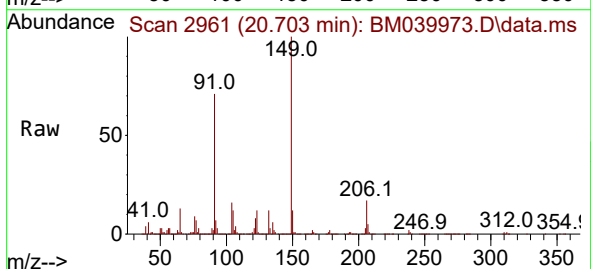
Tgt Ion:149 Resp: 1364308

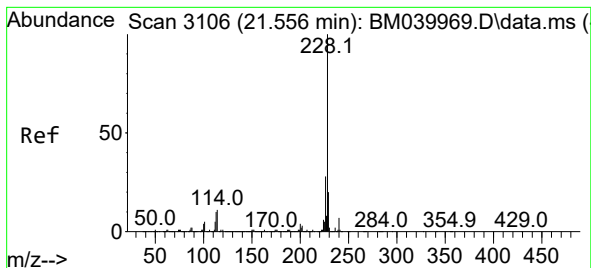
Ion Ratio Lower Upper

149 100

91 70.8 61.0 91.4

206 17.1 12.7 19.1





#81

Benzo(a)anthracene

Concen: 42.138 ng

RT: 21.556 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

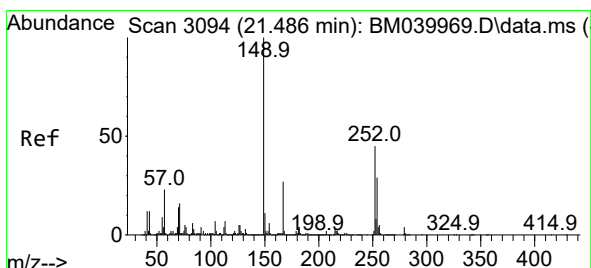
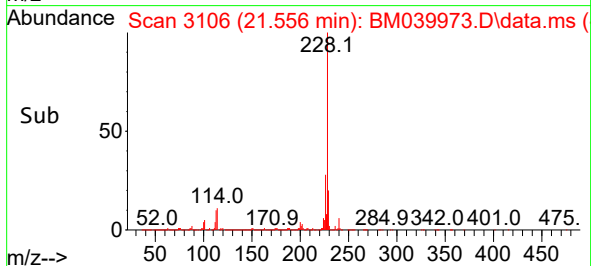
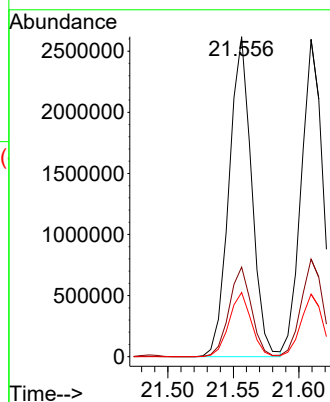
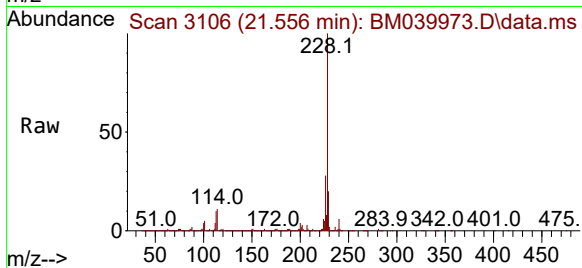
Tgt Ion:228 Resp: 3130098

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.4

229 20.1 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 42.513 ng

RT: 21.486 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

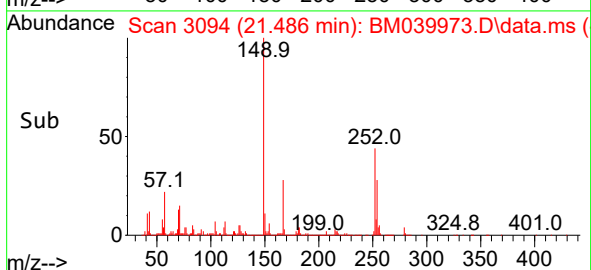
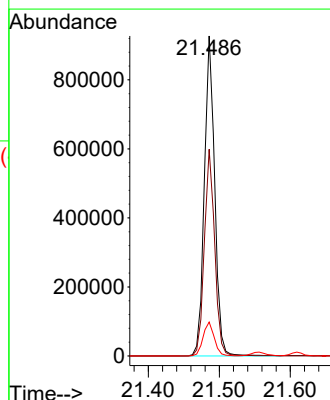
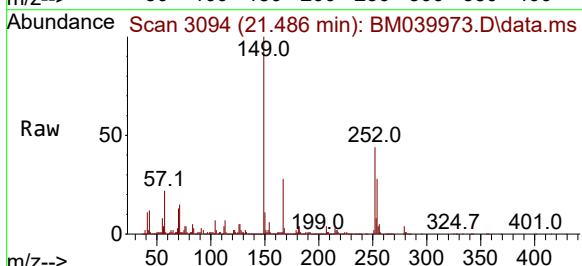
Tgt Ion:252 Resp: 943349

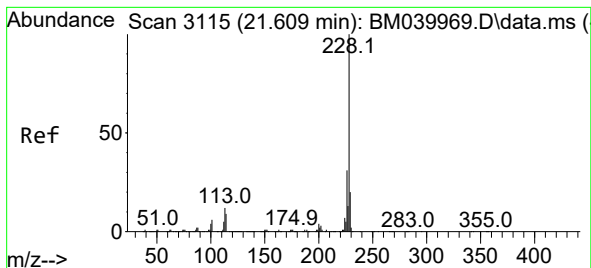
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

126 10.6 8.7 13.1





#83

Chrysene

Concen: 41.866 ng

RT: 21.609 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

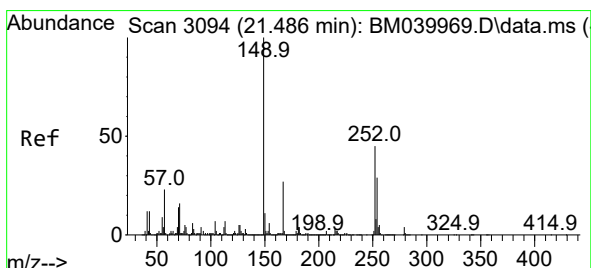
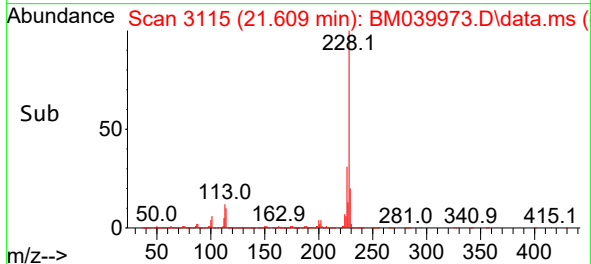
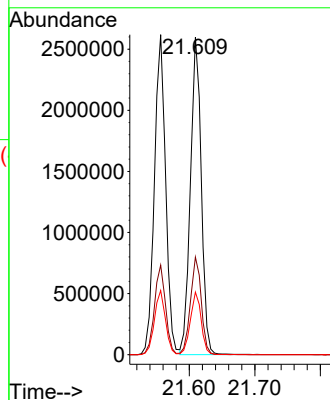
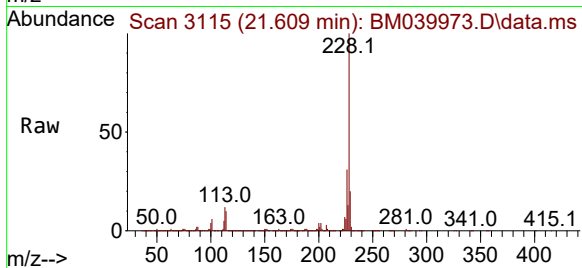
Tgt Ion:228 Resp: 2983927

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.567 ng

RT: 21.486 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

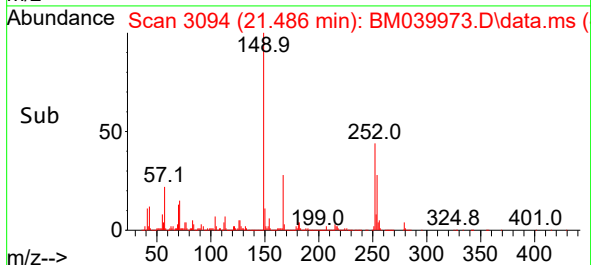
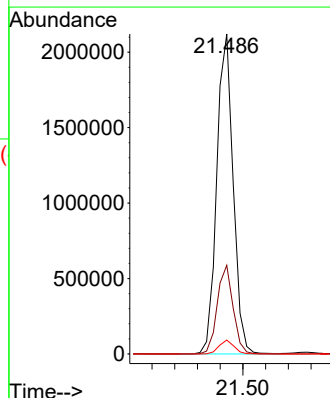
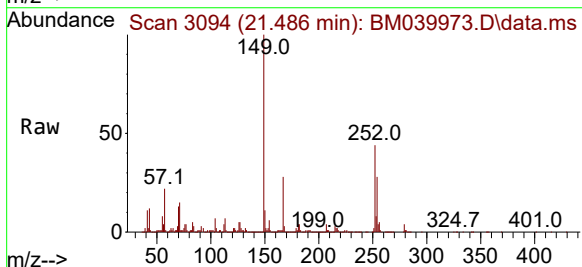
Tgt Ion:149 Resp: 2125475

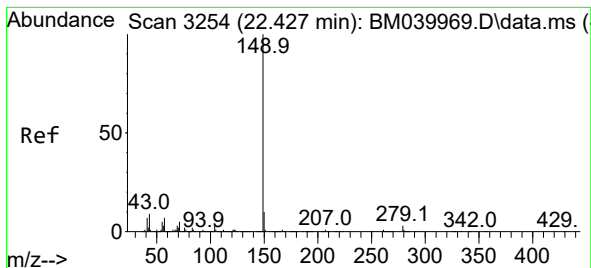
Ion Ratio Lower Upper

149 100

167 27.7 21.4 32.2

279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.175 ng

RT: 22.427 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

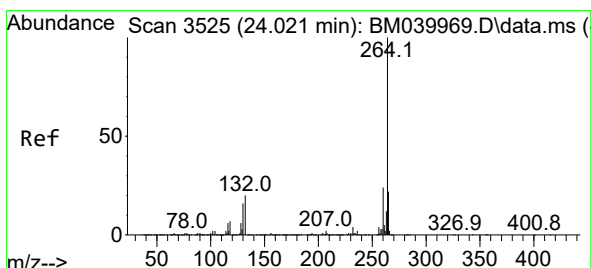
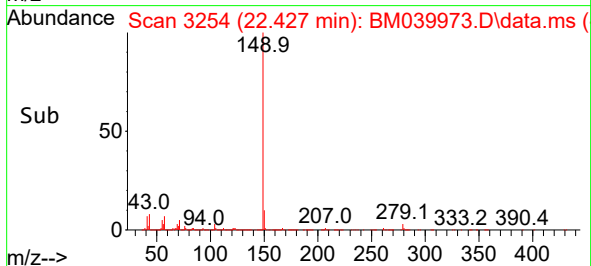
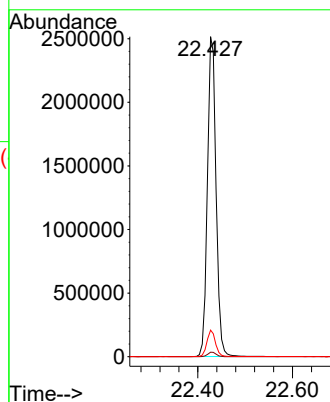
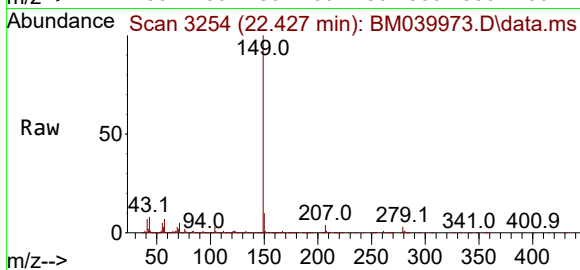
Tgt Ion:149 Resp: 3195323

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 8.3 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.021 min Scan# 3525

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

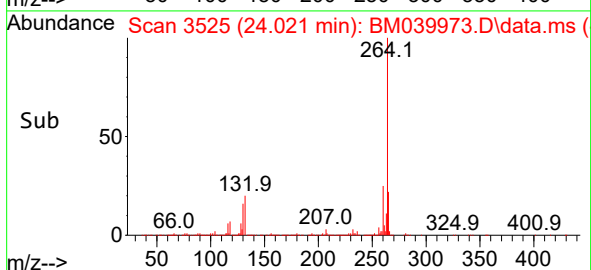
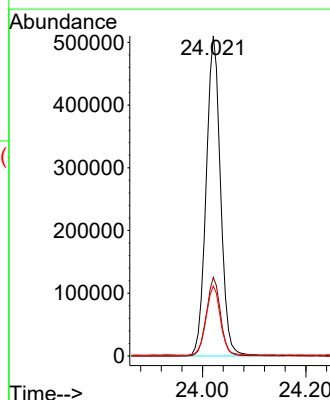
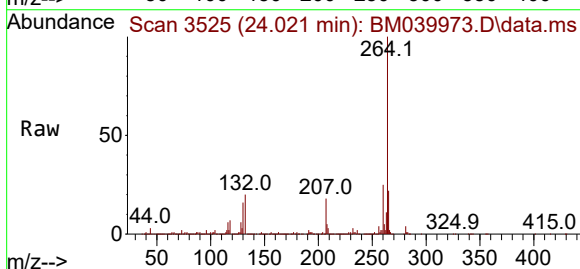
Tgt Ion:264 Resp: 982141

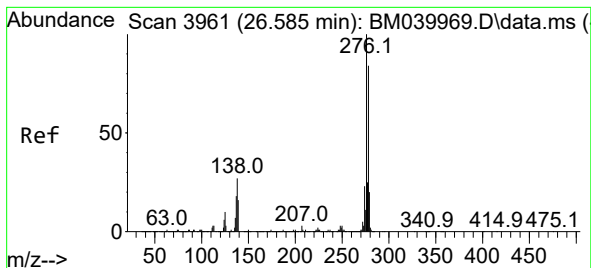
Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.9 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.796 ng

RT: 26.579 min Scan# 3960

Delta R.T. -0.006 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

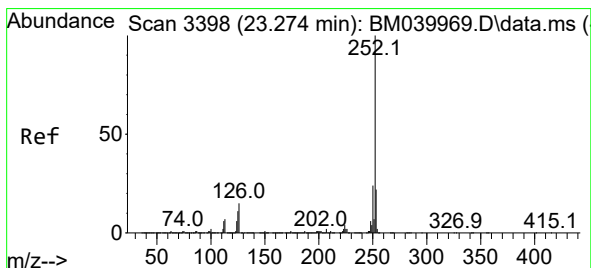
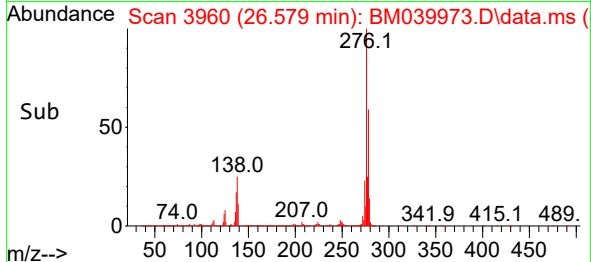
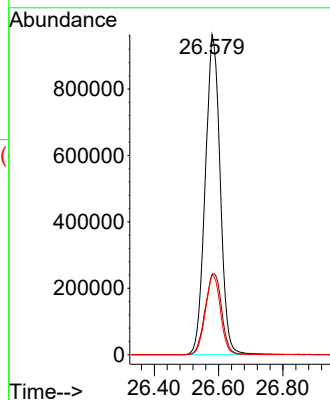
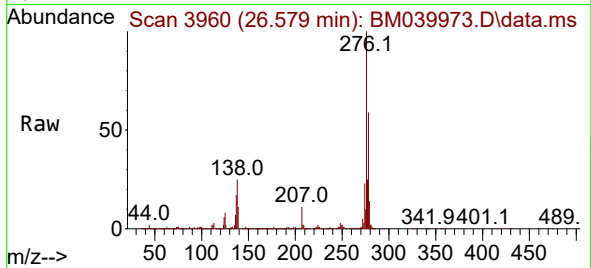
Tgt Ion:276 Resp: 3108192

Ion Ratio Lower Upper

276 100

138 28.0 23.2 34.8

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 41.303 ng

RT: 23.274 min Scan# 3398

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

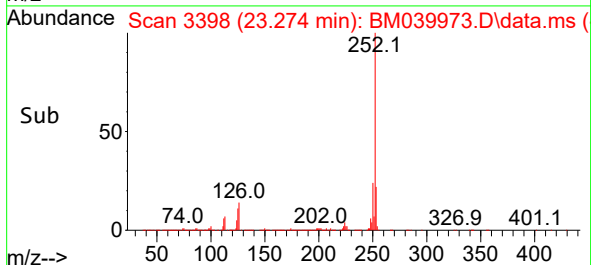
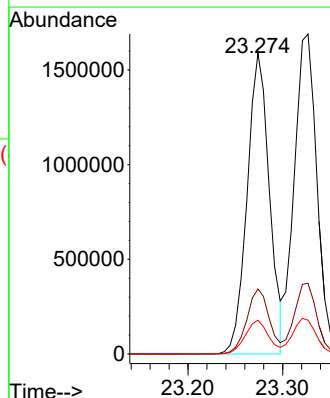
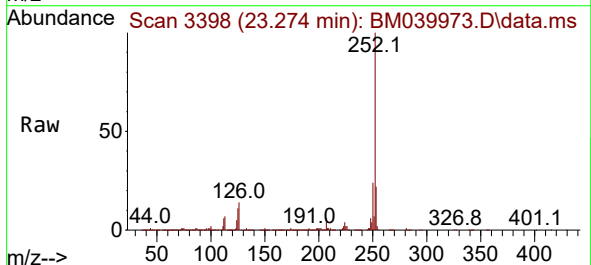
Tgt Ion:252 Resp: 2597126

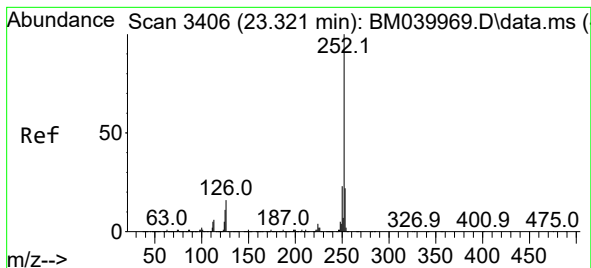
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 11.2 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 41.210 ng

RT: 23.327 min Scan# 3406

Delta R.T. 0.006 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

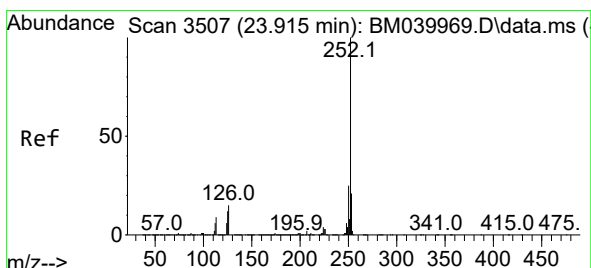
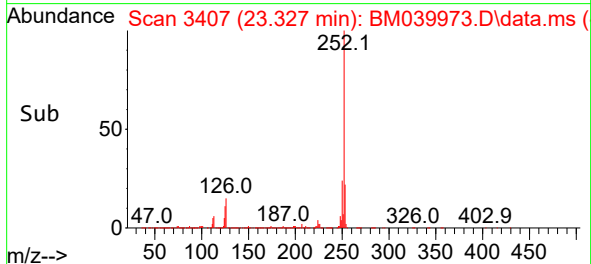
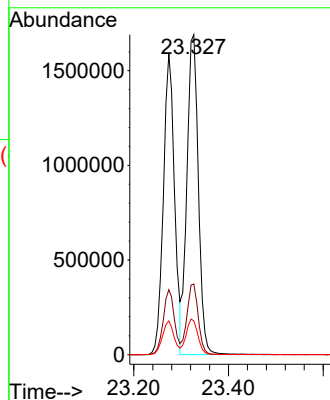
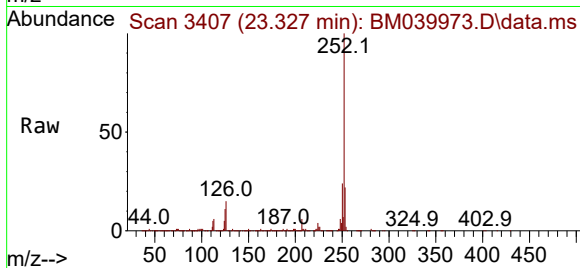
Tgt Ion:252 Resp: 2833522

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.5 9.0 13.4



#90

Benzo(a)pyrene

Concen: 41.487 ng

RT: 23.915 min Scan# 3507

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

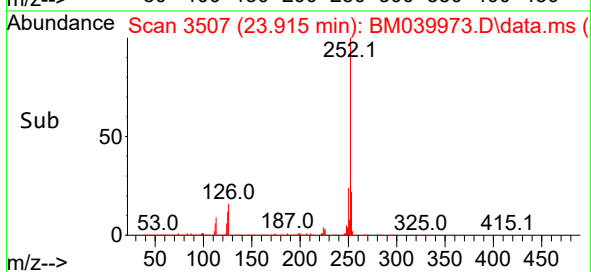
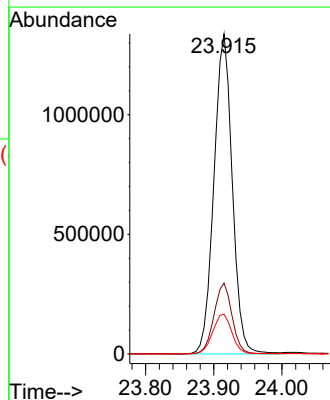
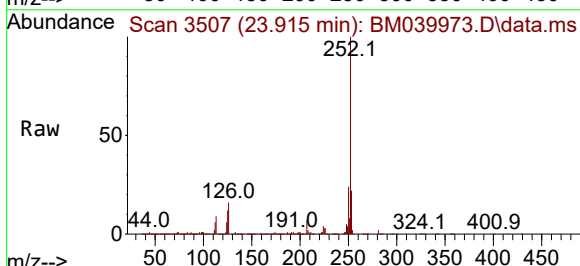
Tgt Ion:252 Resp: 2501794

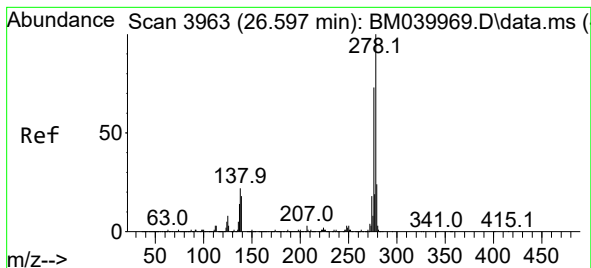
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 12.4 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 39.758 ng

RT: 26.597 min Scan# 3963

Delta R.T. 0.000 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Instrument :

BNA_M

ClientSampleId :

ICVBM052323

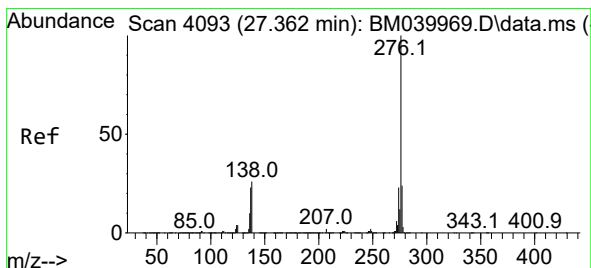
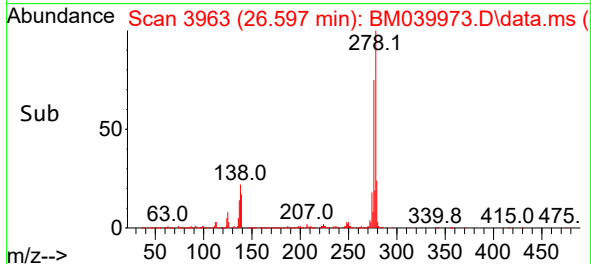
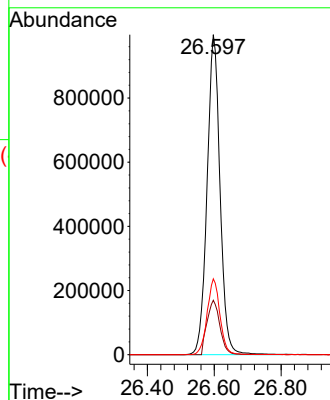
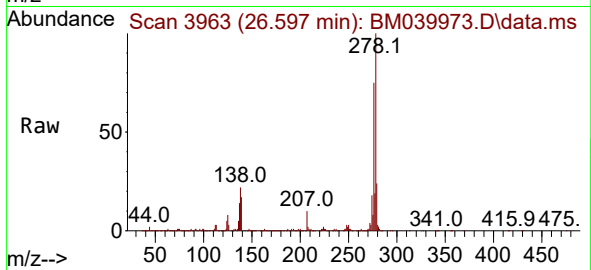
Tgt Ion:278 Resp: 2680906

Ion Ratio Lower Upper

278 100

139 17.0 14.0 21.0

279 23.7 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 40.414 ng

RT: 27.368 min Scan# 4094

Delta R.T. 0.006 min

Lab File: BM039973.D

Acq: 23 May 2023 14:50

Tgt Ion:276 Resp: 2408499

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 25.0 20.6 31.0

