

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
 Data File : BM039921.D
 Acq On : 12 May 2023 17:20
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM051223

Quant Time: May 13 02:27:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 13 02:16:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	500205	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	2238194	20.000	ng	0.00
39) Acenaphthene-d10	14.671	164	1388241	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	2829954	20.000	ng	0.00
76) Chrysene-d12	21.589	240	2882446	20.000	ng	0.00
86) Perylene-d12	24.047	264	3028594	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.572	112	2254313	73.240	ng	0.00
7) Phenol-d6	7.184	99	3083288	75.179	ng	0.00
23) Nitrobenzene-d5	9.207	82	3031247	79.319	ng	0.00
42) 2,4,6-Tribromophenol	16.154	330	1791878	73.496	ng	0.00
45) 2-Fluorobiphenyl	13.307	172	8465038	78.000	ng	0.00
79) Terphenyl-d14	20.024	244	12047747	75.646	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.431	88	408348	35.113	ng 97
3) Pyridine	3.837	79	1219620	37.069	ng 97
4) n-Nitrosodimethylamine	3.748	42	418491	35.315	ng 96
6) Aniline	7.354	93	1946206	38.157	ng 98
8) 2-Chlorophenol	7.595	128	1327723	38.555	ng 98
9) Benzaldehyde	7.166	77	689637	37.648	ng 97
10) Phenol	7.213	94	1537767	37.313	ng 99
11) bis(2-Chloroethyl)ether	7.454	93	1271516	36.842	ng 99
12) 1,3-Dichlorobenzene	7.925	146	1327766	37.256	ng 99
13) 1,4-Dichlorobenzene	8.072	146	1360213	37.211	ng 99
14) 1,2-Dichlorobenzene	8.389	146	1359126	37.602	ng 99
15) Benzyl Alcohol	8.272	79	1109697	40.622	ng 97
16) 2,2'-oxybis(1-Chloropr...	8.566	45	1406283	36.699	ng 99
17) 2-Methylphenol	8.472	107	1175667	38.827	ng 100
18) Hexachloroethane	9.125	117	489750	38.508	ng 99
19) n-Nitroso-di-n-propyla...	8.854	70	1105339	40.607	ng 98
20) 3+4-Methylphenols	8.807	107	1593190	39.575	ng 100
22) Acetophenone	8.866	105	2180840	36.944	ng 99
24) Nitrobenzene	9.248	77	1490250	38.573	ng 99
25) Isophorone	9.772	82	3038162	38.602	ng 99
26) 2-Nitrophenol	9.960	139	627661	41.013	ng 97
27) 2,4-Dimethylphenol	10.019	122	1297944	38.771	ng 98
28) bis(2-Chloroethoxy)met...	10.260	93	1825459	37.844	ng 99
29) 2,4-Dichlorophenol	10.495	162	1243733	39.111	ng 98
30) 1,2,4-Trichlorobenzene	10.713	180	1303695	37.498	ng 99
31) Naphthalene	10.907	128	4490759	36.980	ng 100
32) Benzoic acid	10.148	122	815848	39.883	ng 100
33) 4-Chloroaniline	11.013	127	2078270	39.101	ng 99
34) Hexachlorobutadiene	11.195	225	742815	37.485	ng 98
35) Caprolactam	11.789	113	426546	44.641	ng 93
36) 4-Chloro-3-methylphenol	12.124	107	1361602	40.056	ng 100
37) 2-Methylnaphthalene	12.507	142	3276022	37.870	ng 99
38) 1-Methylnaphthalene	12.724	142	3098890	38.027	ng 100
40) 1,2,4,5-Tetrachloroben...	12.871	216	1535610	36.667	ng 100
41) Hexachlorocyclopentadiene	12.854	237	724284	38.863	ng 100
43) 2,4,6-Trichlorophenol	13.107	196	1008144	39.402	ng 99

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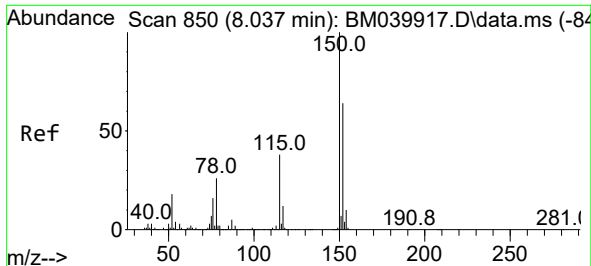
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.177	196	1199486	39.734	ng	98
46) 1,1'-Biphenyl	13.513	154	4239197	36.862	ng	100
47) 2-Chloronaphthalene	13.554	162	3155491	36.992	ng	99
48) 2-Nitroaniline	13.748	65	809432	38.715	ng	99
49) Acenaphthylene	14.395	152	5185623	37.697	ng	99
50) Dimethylphthalate	14.130	163	4137700	38.220	ng	100
51) 2,6-Dinitrotoluene	14.242	165	820451	37.429	ng	97
52) Acenaphthene	14.736	154	3366876	37.570	ng	99
53) 3-Nitroaniline	14.571	138	967652	38.205	ng	97
54) 2,4-Dinitrophenol	14.771	184	320007	41.912	ng	99
55) Dibenzofuran	15.071	168	4998849	37.422	ng	99
56) 4-Nitrophenol	14.865	139	772922	41.144	ng	99
57) 2,4-Dinitrotoluene	15.024	165	1095903	38.019	ng	96
58) Fluorene	15.718	166	4512488	38.445	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.289	232	998318	40.213	ng	98
60) Diethylphthalate	15.495	149	4365202	39.107	ng	100
61) 4-Chlorophenyl-phenyle...	15.712	204	2220952	38.130	ng	99
62) 4-Nitroaniline	15.730	138	1077143	39.277	ng	98
63) Azobenzene	16.007	77	3927078	36.774	ng	99
65) 4,6-Dinitro-2-methylph...	15.789	198	488465	40.771	ng	99
66) n-Nitrosodiphenylamine	15.924	169	3622389	37.143	ng	99
67) 4-Bromophenyl-phenylether	16.606	248	1225305	37.212	ng	98
68) Hexachlorobenzene	16.718	284	1436141	37.044	ng	98
69) Atrazine	16.877	200	1041201	41.781	ng	100
70) Pentachlorophenol	17.059	266	967269	38.597	ng	99
71) Phenanthrene	17.459	178	6278060	37.578	ng	100
72) Anthracene	17.548	178	6484395	38.784	ng	99
73) Carbazole	17.812	167	5827424	38.618	ng	99
74) Di-n-butylphthalate	18.389	149	7417084	43.602	ng	100
75) Fluoranthene	19.465	202	6921777	41.258	ng	99
77) Benzidine	19.647	184	2011105	51.880	ng	99
78) Pyrene	19.824	202	7414137	36.232	ng	100
80) Butylbenzylphthalate	20.724	149	2925327	39.845	ng	98
81) Benzo(a)anthracene	21.571	228	7548804	38.122	ng	100
82) 3,3'-Dichlorobenzidine	21.500	252	2367433	38.730	ng	99
83) Chrysene	21.624	228	7125500	38.200	ng	100
84) Bis(2-ethylhexyl)phtha...	21.506	149	5256400	38.516	ng	100
85) Di-n-octyl phthalate	22.459	149	7575932	39.154	ng	99
87) Indeno(1,2,3-cd)pyrene	26.635	276	7409941	34.566	ng	100
88) Benzo(b)fluoranthene	23.300	252	6642006	33.586	ng	100
89) Benzo(k)fluoranthene	23.353	252	7222238	33.851	ng	99
90) Benzo(a)pyrene	23.941	252	6284511	34.381	ng	100
91) Dibenzo(a,h)anthracene	26.647	278	6482562	34.863	ng	100
92) Benzo(g,h,i)perylene	27.418	276	5383610	33.618	ng	100

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

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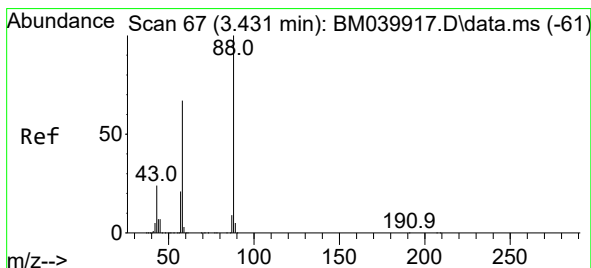
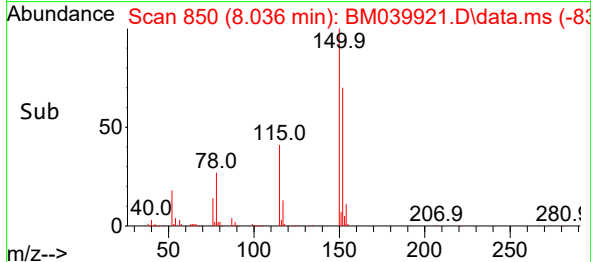
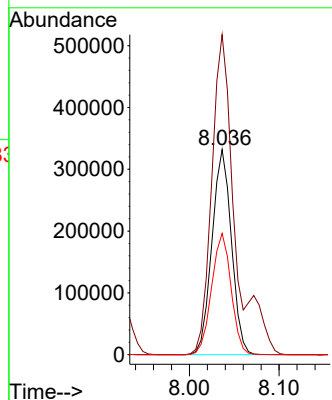
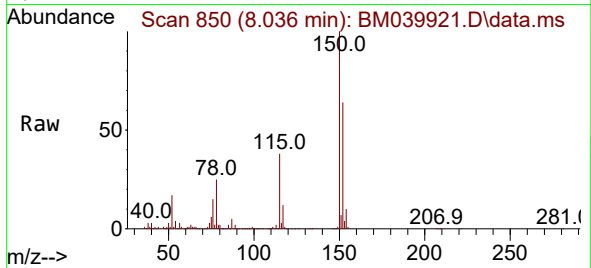




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.036 min Scan# 850
 Delta R.T. -0.001 min
 Lab File: BM039921.D
 Acq: 12 May 2023 17:20

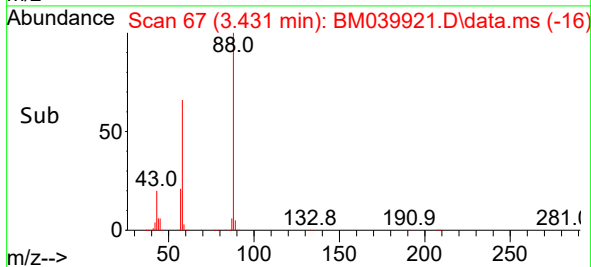
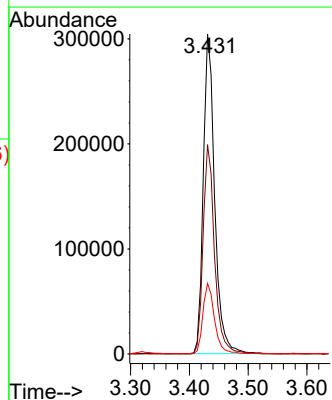
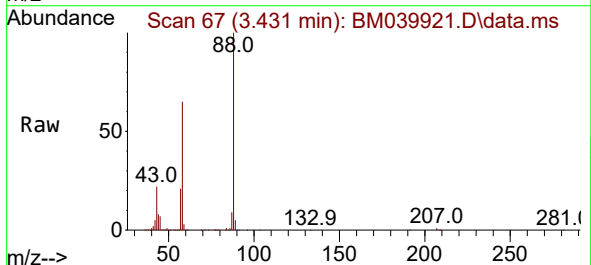
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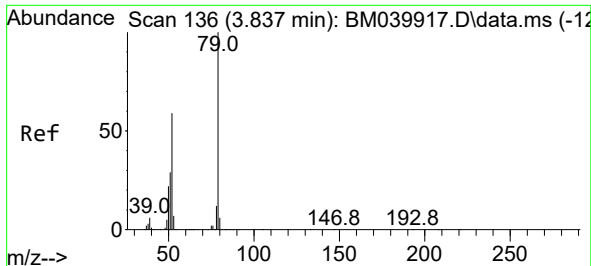
Tgt Ion:152 Resp: 500205
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.0 187.4
 115 59.1 47.0 70.6



#2
 1,4-Dioxane
 Concen: 35.113 ng
 RT: 3.431 min Scan# 67
 Delta R.T. -0.000 min
 Lab File: BM039921.D
 Acq: 12 May 2023 17:20

Tgt Ion: 88 Resp: 408348
 Ion Ratio Lower Upper
 88 100
 58 65.9 54.4 81.6
 43 22.5 19.1 28.7

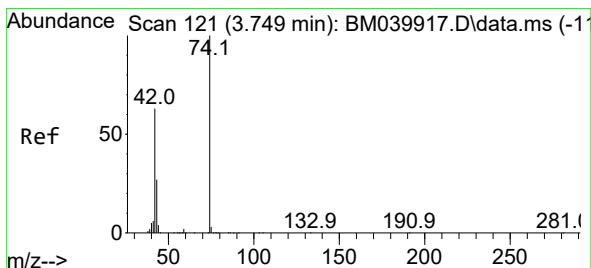
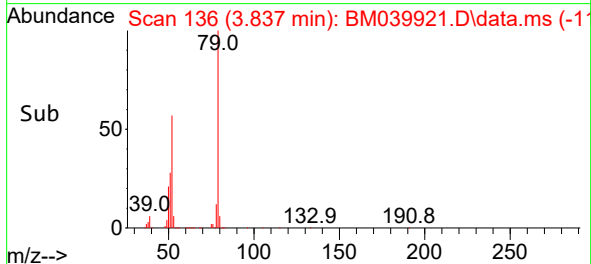
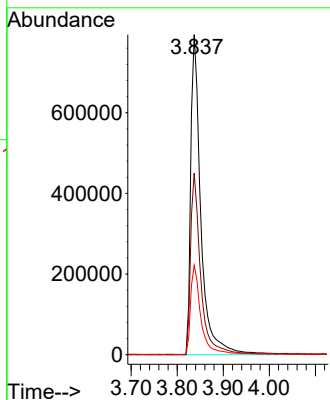
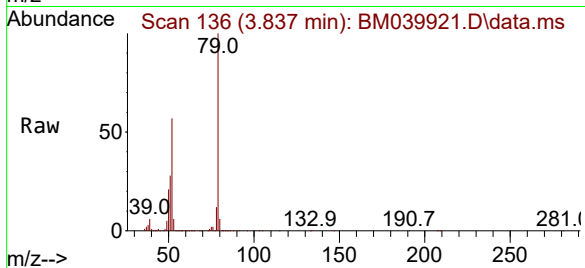




#3
Pyridine
Concen: 37.069 ng
RT: 3.837 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

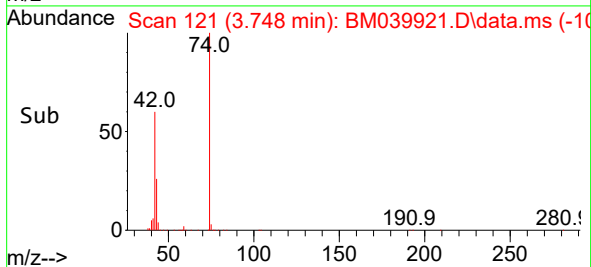
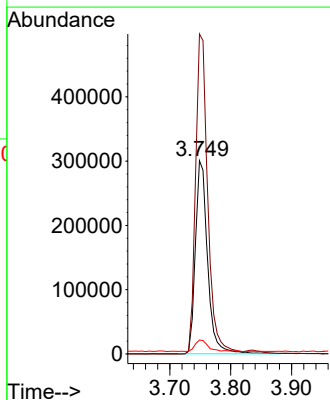
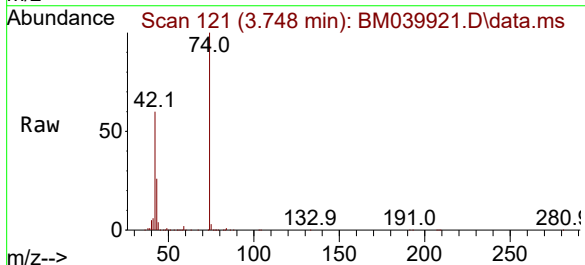
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ClientSampleId :
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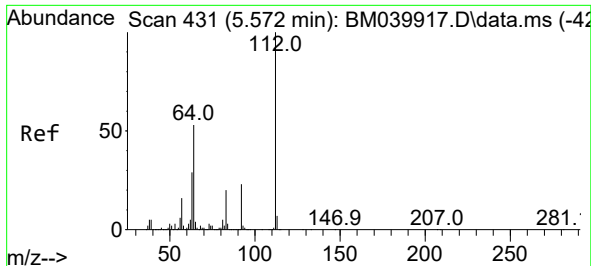
Tgt Ion: 79 Resp: 1219620
Ion Ratio Lower Upper
79 100
52 56.7 46.8 70.2
51 27.9 23.6 35.4



#4
n-Nitrosodimethylamine
Concen: 35.315 ng
RT: 3.748 min Scan# 121
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion: 42 Resp: 418491
Ion Ratio Lower Upper
42 100
74 165.6 127.8 191.6
44 7.2 5.8 8.8

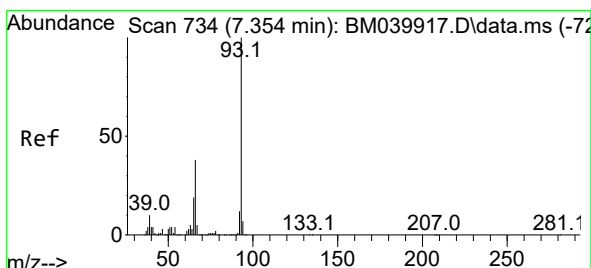
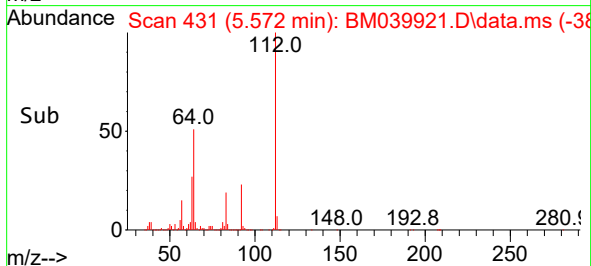
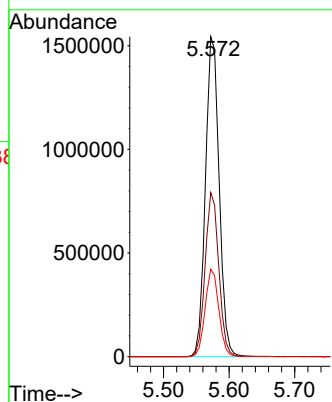
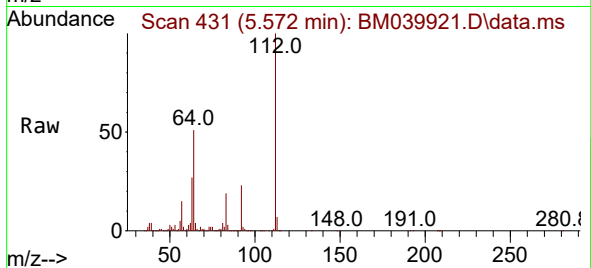




#5
2-Fluorophenol
Concen: 73.240 ng
RT: 5.572 min Scan# 431
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

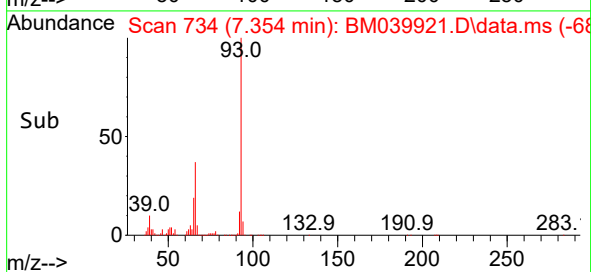
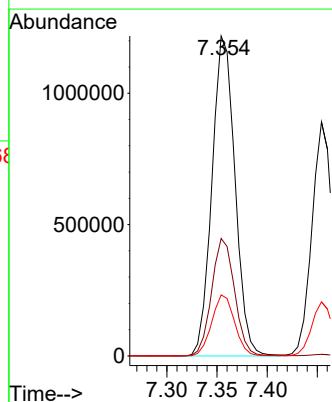
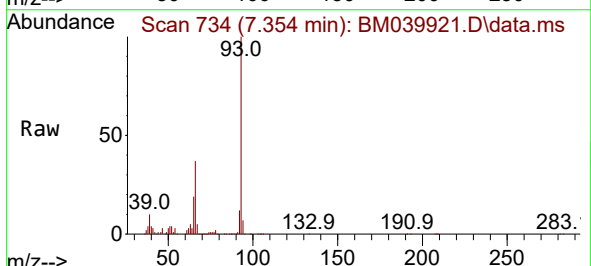
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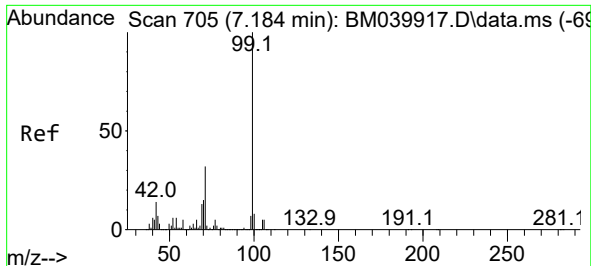
Tgt Ion:112 Resp: 2254313
Ion Ratio Lower Upper
112 100
64 51.3 42.6 64.0
63 27.3 23.3 34.9



#6
Aniline
Concen: 38.157 ng
RT: 7.354 min Scan# 734
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion: 93 Resp: 1946206
Ion Ratio Lower Upper
93 100
66 36.7 30.4 45.6
65 19.1 15.5 23.3



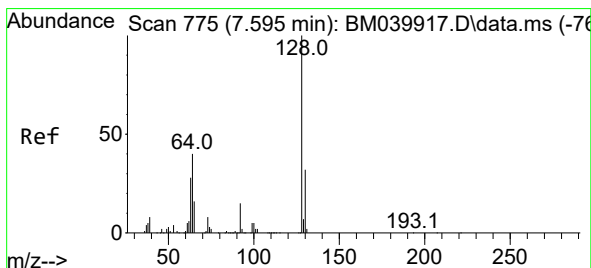
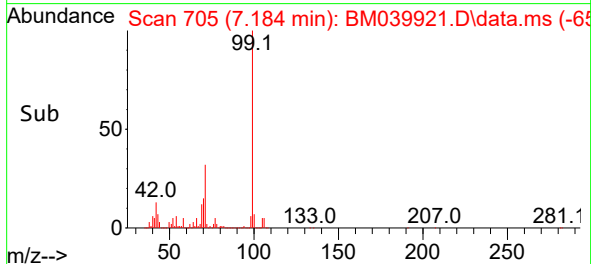
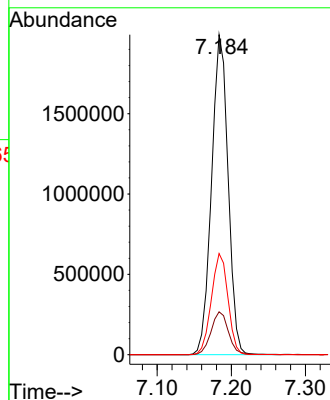
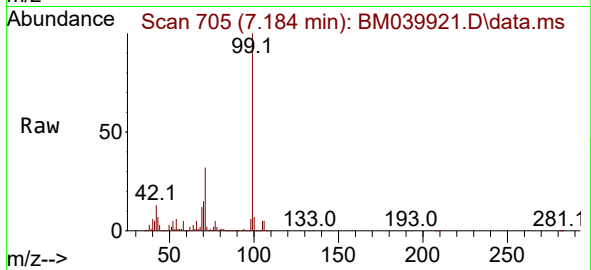


#7
Phenol-d6
Concen: 75.179 ng
RT: 7.184 min Scan# 705
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Instrument :
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ClientSampleId :
ICVBM051223

Tgt Ion: 99 Resp: 3083288

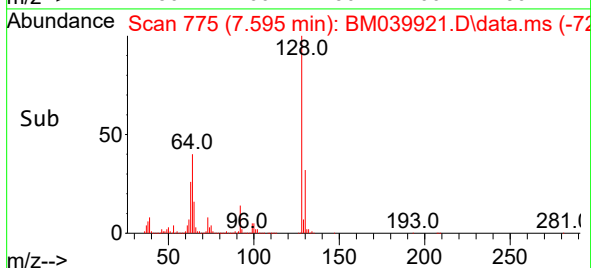
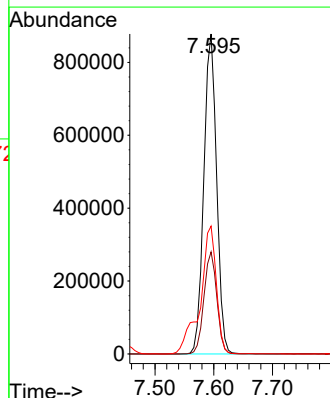
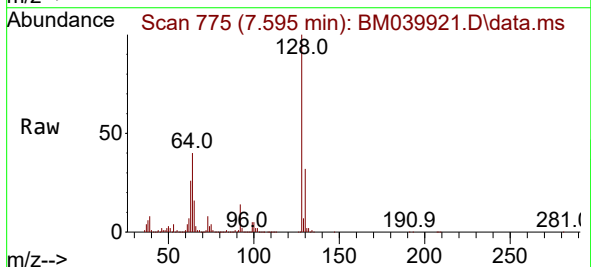
Ion	Ratio	Lower	Upper
99	100		
42	13.4	11.5	17.3
71	31.6	25.7	38.5

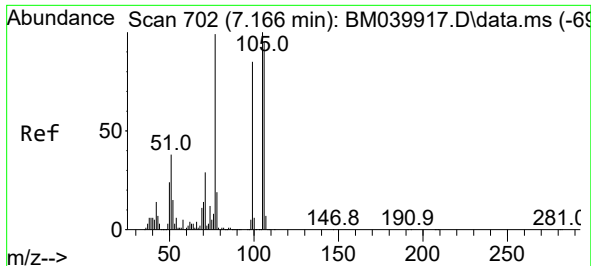


#8
2-Chlorophenol
Concen: 38.555 ng
RT: 7.595 min Scan# 775
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion: 128 Resp: 1327723

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.3	52.3
64	40.0	21.8	61.8

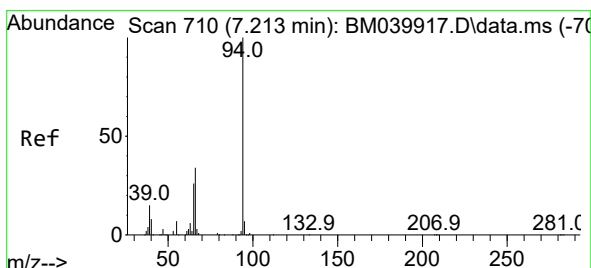
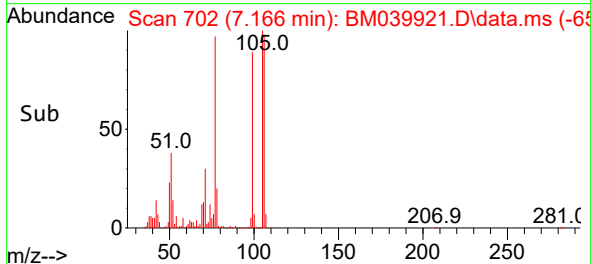
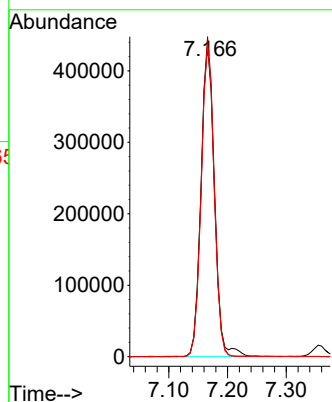
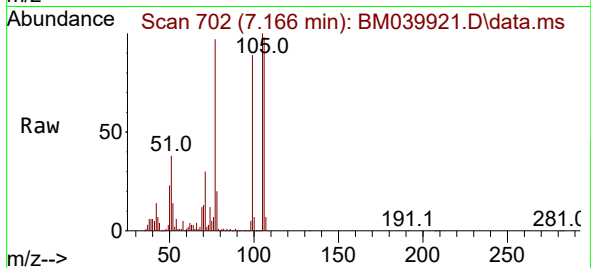




#9
Benzaldehyde
Concen: 37.648 ng
RT: 7.166 min Scan# 702
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

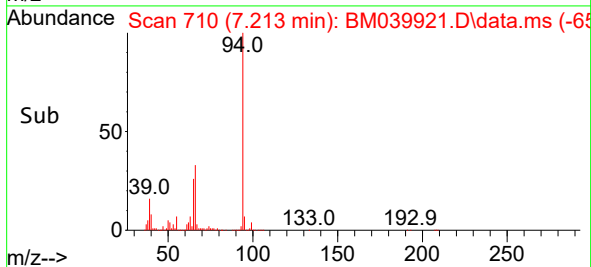
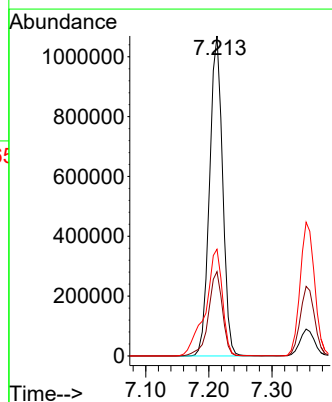
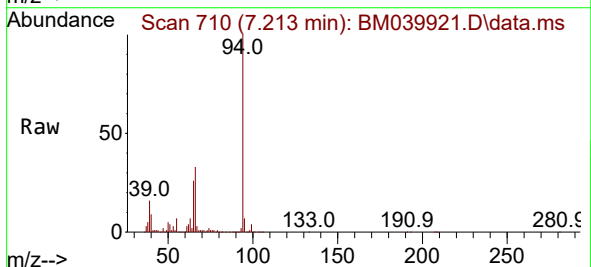
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ClientSampleId :
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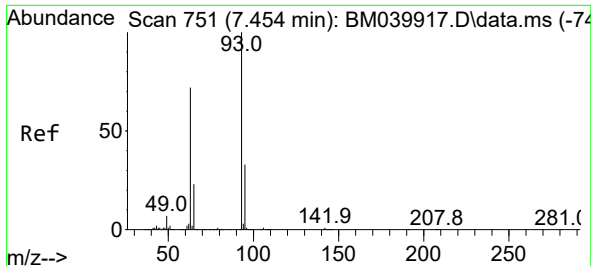
Tgt Ion: 77 Resp: 689637
Ion Ratio Lower Upper
77 100
105 102.9 81.2 121.2
106 100.4 76.2 116.2



#10
Phenol
Concen: 37.313 ng
RT: 7.213 min Scan# 710
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion: 94 Resp: 1537767
Ion Ratio Lower Upper
94 100
65 26.3 6.4 46.4
66 33.4 14.7 54.7



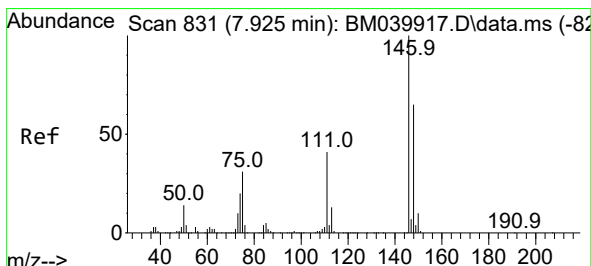
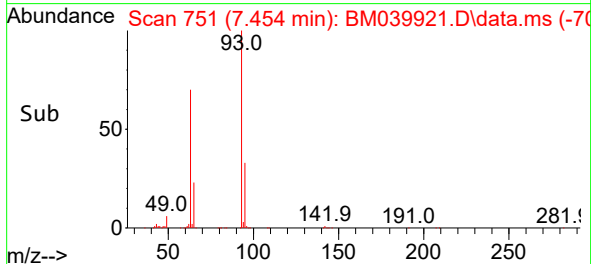
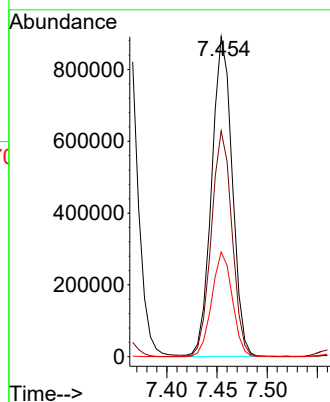
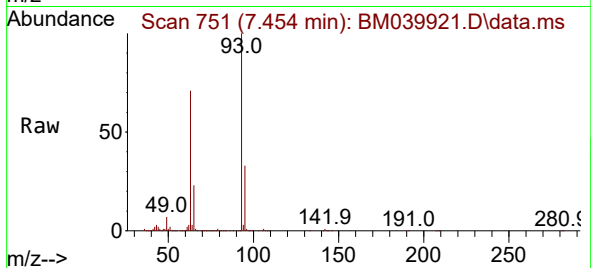


#11
bis(2-Chloroethyl)ether
Concen: 36.842 ng
RT: 7.454 min Scan# 751
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Instrument :
BNA_M
ClientSampleId :
ICVBM051223

Tgt Ion: 93 Resp: 1271516

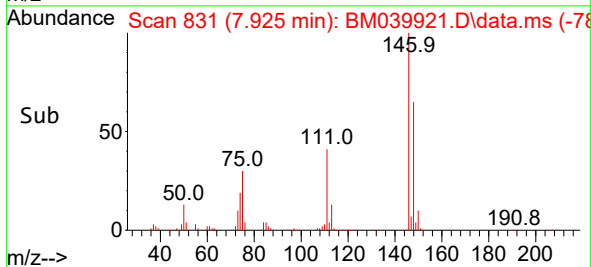
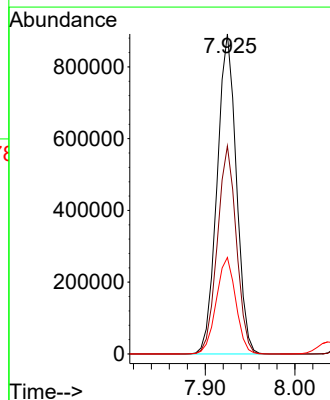
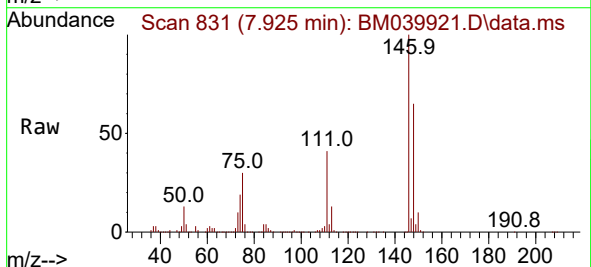
Ion	Ratio	Lower	Upper
93	100		
63	70.5	52.0	92.0
95	32.7	12.8	52.8

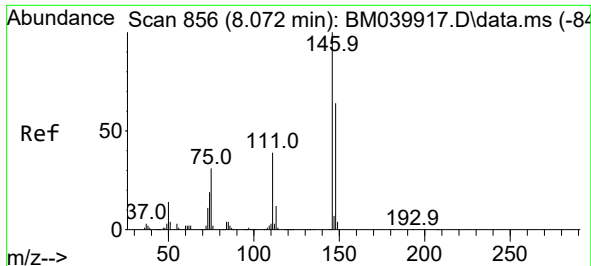


#12
1,3-Dichlorobenzene
Concen: 37.256 ng
RT: 7.925 min Scan# 831
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:146 Resp: 1327766

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.7	77.5
75	30.1	24.7	37.1

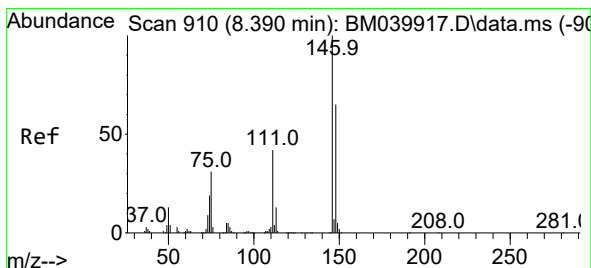
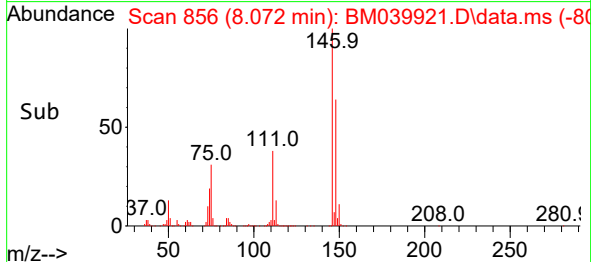
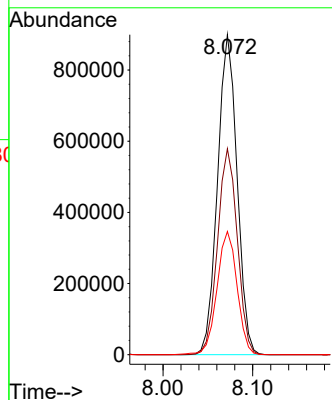
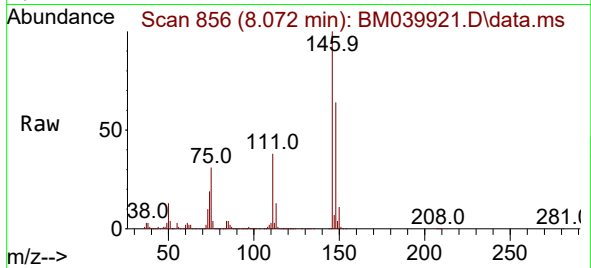




#13
1,4-Dichlorobenzene
Concen: 37.211 ng
RT: 8.072 min Scan# 856
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

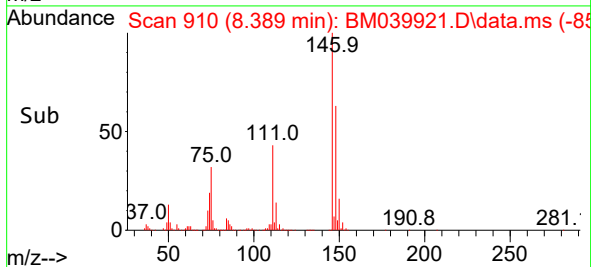
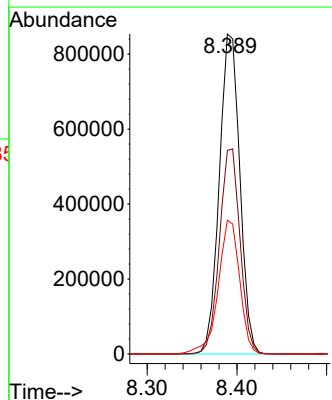
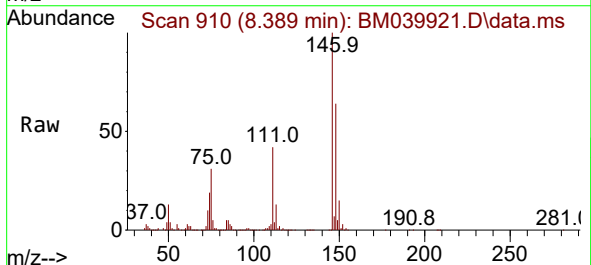
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

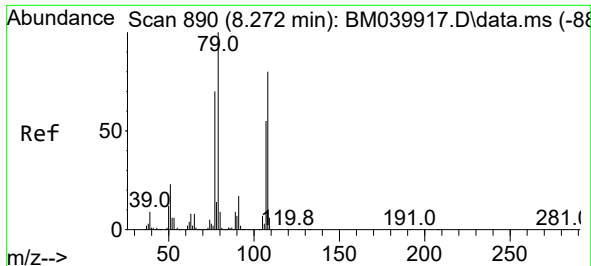
Tgt Ion:146 Resp: 1360213
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
111 38.5 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 37.602 ng
RT: 8.389 min Scan# 910
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:146 Resp: 1359126
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
111 41.8 34.0 51.0

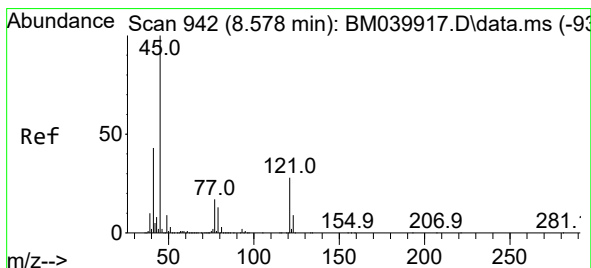
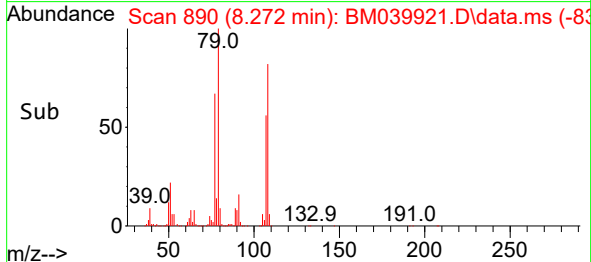
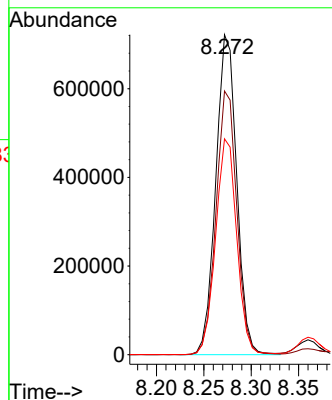
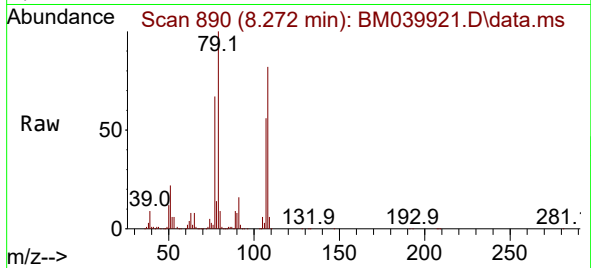




#15
Benzyl Alcohol
Concen: 40.622 ng
RT: 8.272 min Scan# 890
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

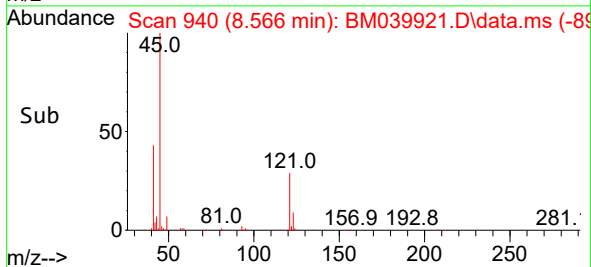
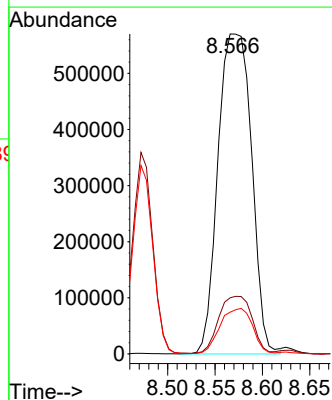
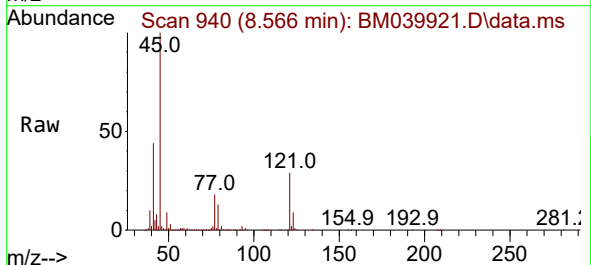
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

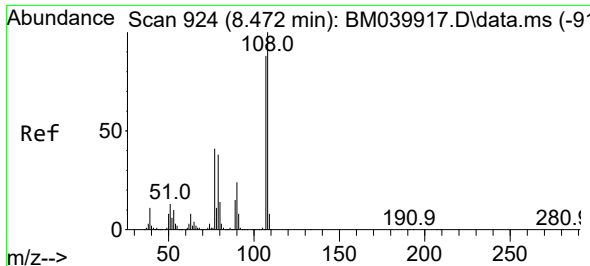
Tgt Ion: 79 Resp: 1109697
Ion Ratio Lower Upper
79 100
108 82.4 63.7 95.5
77 67.5 55.8 83.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.699 ng
RT: 8.566 min Scan# 940
Delta R.T. -0.012 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion: 45 Resp: 1406283
Ion Ratio Lower Upper
45 100
77 17.6 0.0 37.3
79 13.1 0.0 33.6

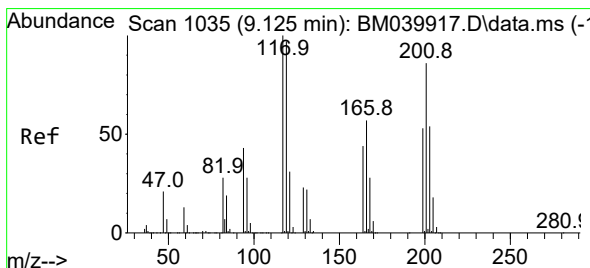
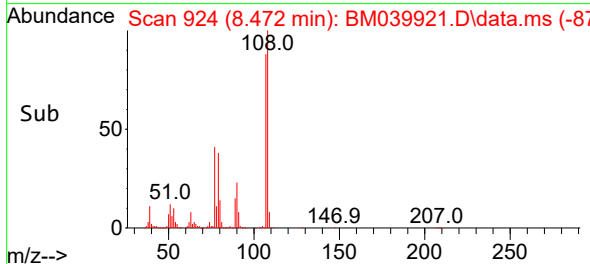
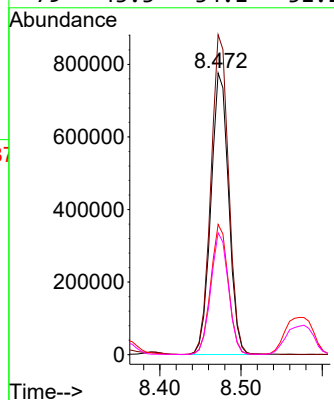
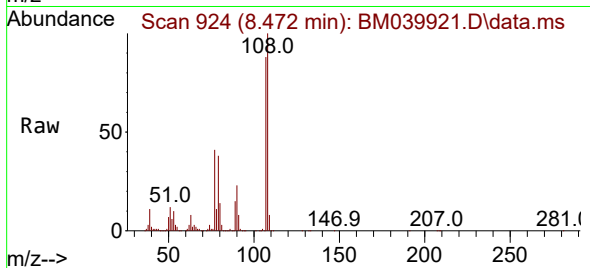




#17
2-Methylphenol
Concen: 38.827 ng
RT: 8.472 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

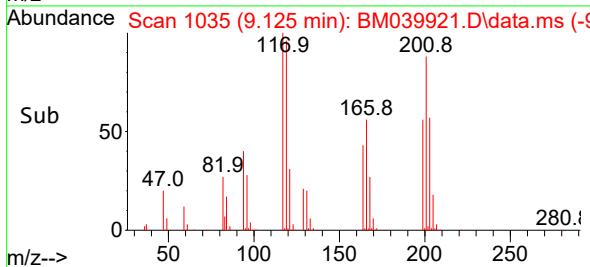
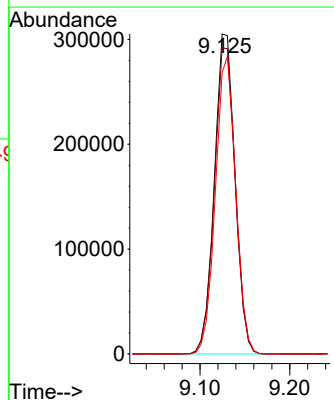
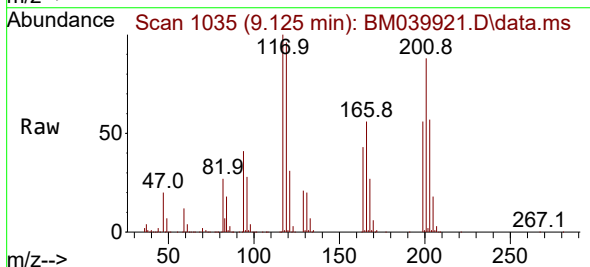
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

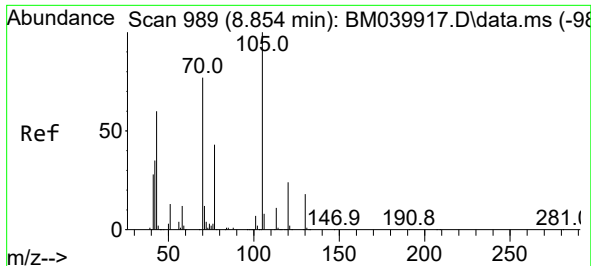
Tgt Ion:107 Resp: 1175667
Ion Ratio Lower Upper
107 100
108 113.6 90.7 136.1
77 46.2 36.9 55.3
79 43.3 34.1 51.1



#18
Hexachloroethane
Concen: 38.508 ng
RT: 9.125 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:117 Resp: 489750
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3
201 87.9 69.2 103.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.607 ng

RT: 8.854 min Scan# 989

Delta R.T. -0.000 min

Lab File: BM039921.D

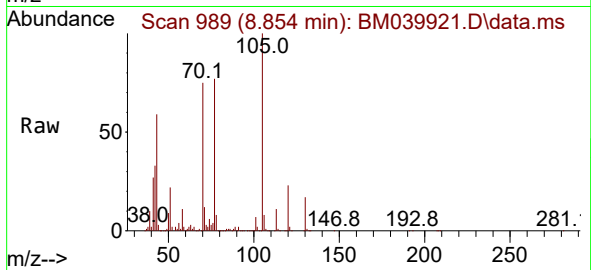
Acq: 12 May 2023 17:20

Instrument :

BNA_M

ClientSampleId :

ICVBM051223



Tgt Ion: 70 Resp: 1105339

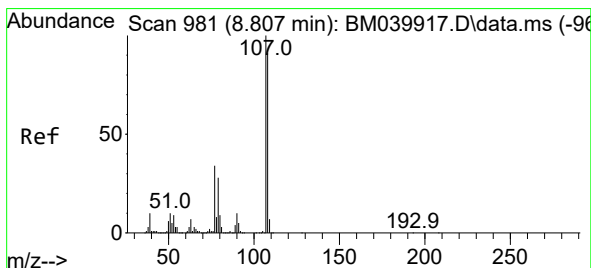
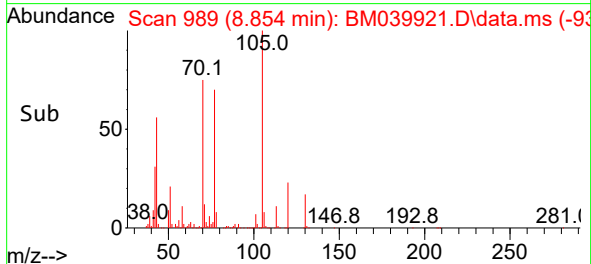
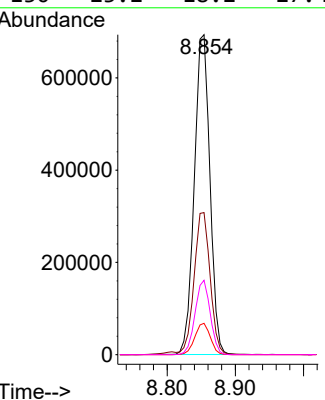
Ion Ratio Lower Upper

70 100

42 44.4 37.1 55.7

101 9.8 7.7 11.5

130 23.2 18.2 27.4



#20

3+4-Methylphenols

Concen: 39.575 ng

RT: 8.807 min Scan# 981

Delta R.T. -0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Tgt Ion: 107 Resp: 1593190

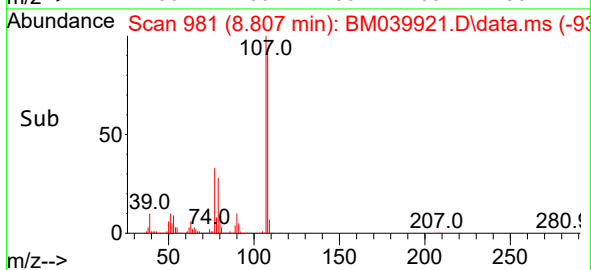
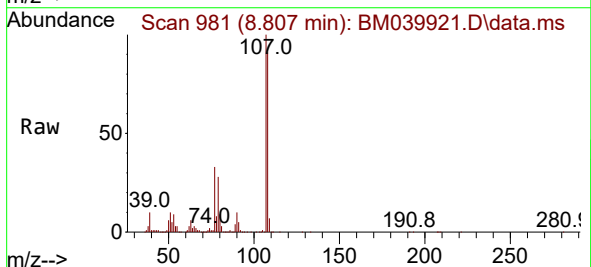
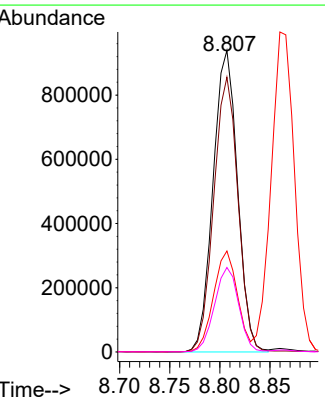
Ion Ratio Lower Upper

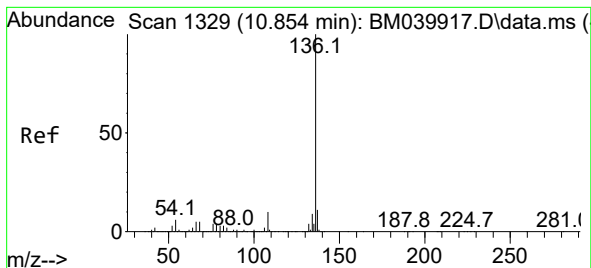
107 100

108 91.1 71.0 111.0

77 33.5 13.7 53.7

79 28.0 8.1 48.1

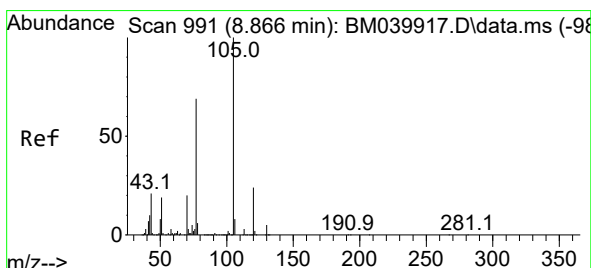
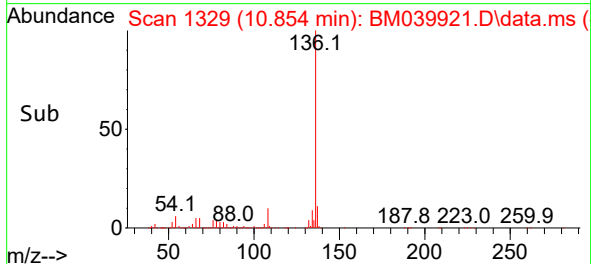
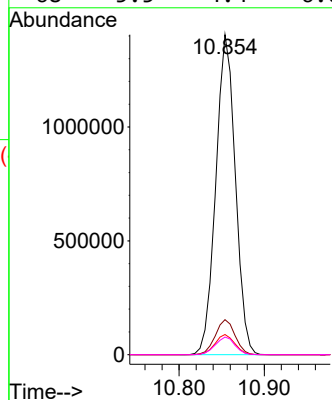
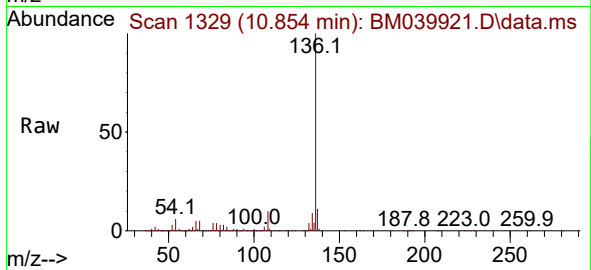




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.854 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

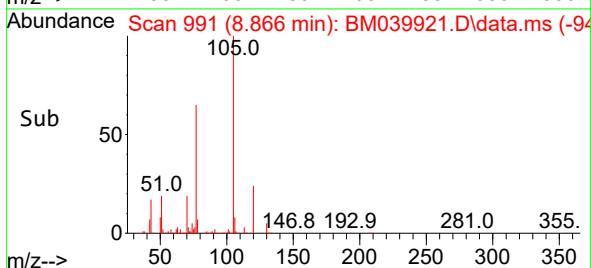
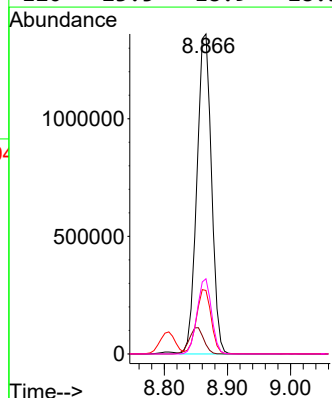
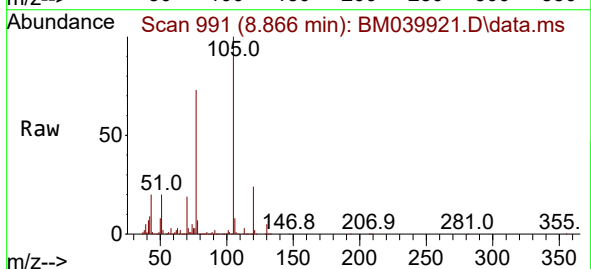
Instrument : BNA_M
ClientSampleId : ICVBM051223

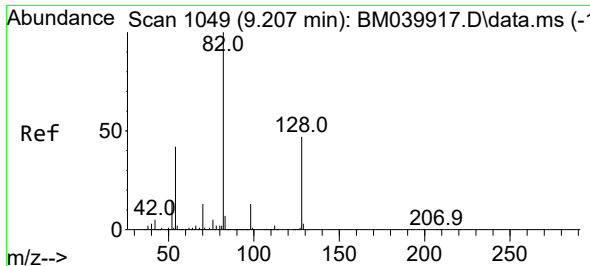
Tgt Ion:136 Resp: 2238194
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.3 5.2 7.8
68 5.5 4.4 6.6



#22
Acetophenone
Concen: 36.944 ng
RT: 8.866 min Scan# 991
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:105 Resp: 2180840
Ion Ratio Lower Upper
105 100
71 2.9 2.7 4.1
51 19.9 16.5 24.7
120 23.5 18.9 28.3

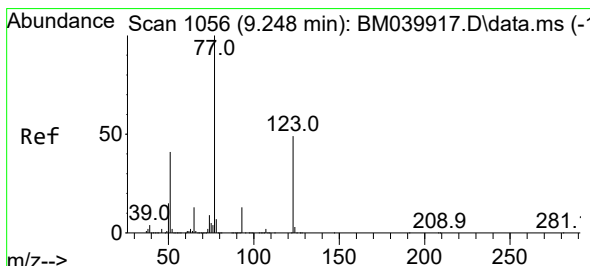
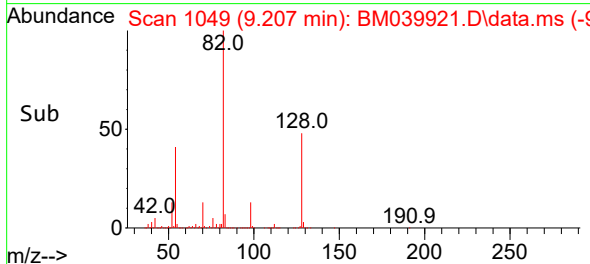
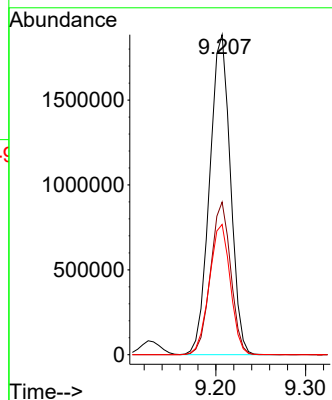
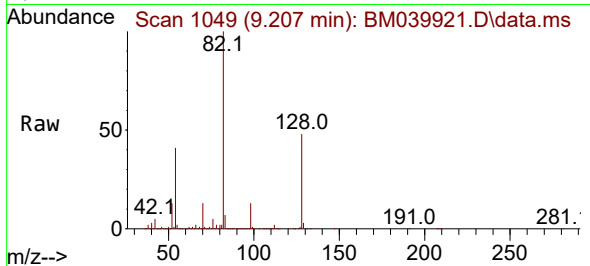




#23
Nitrobenzene-d5
Concen: 79.319 ng
RT: 9.207 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

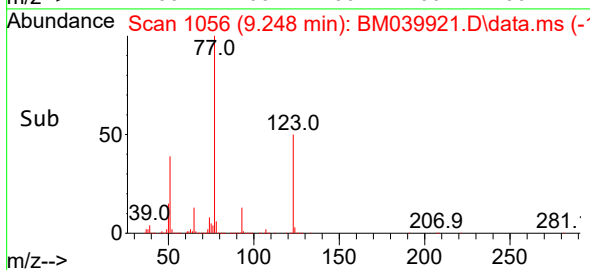
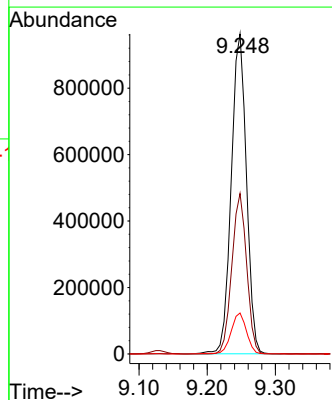
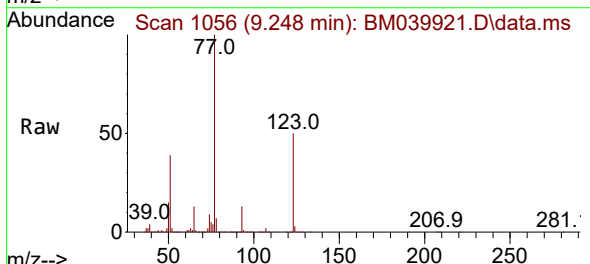
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

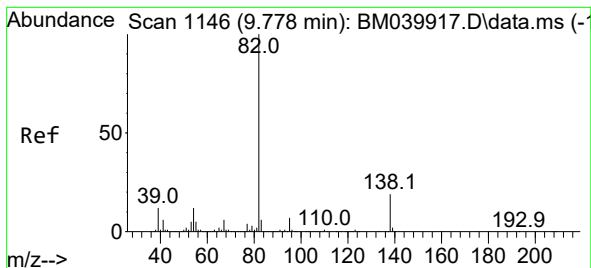
Tgt Ion: 82 Resp: 3031247
Ion Ratio Lower Upper
82 100
128 47.7 37.2 55.8
54 40.7 33.5 50.3



#24
Nitrobenzene
Concen: 38.573 ng
RT: 9.248 min Scan# 1056
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion: 77 Resp: 1490250
Ion Ratio Lower Upper
77 100
123 50.1 39.3 58.9
65 12.8 10.4 15.6





#25

Isophorone

Concen: 38.602 ng

RT: 9.772 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Instrument :

BNA_M

ClientSampleId :

ICVBM051223

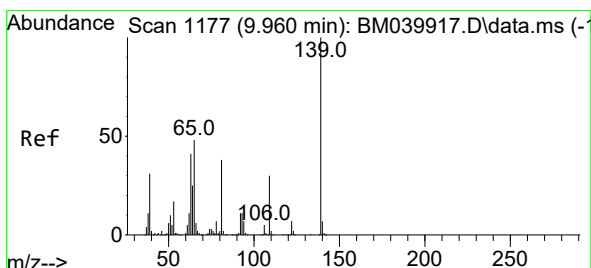
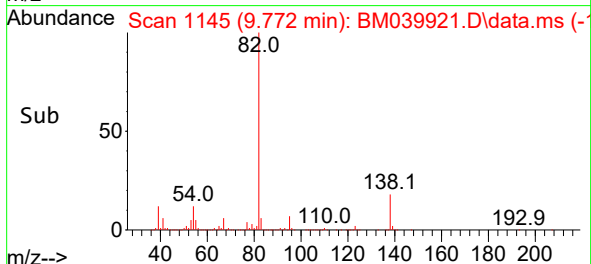
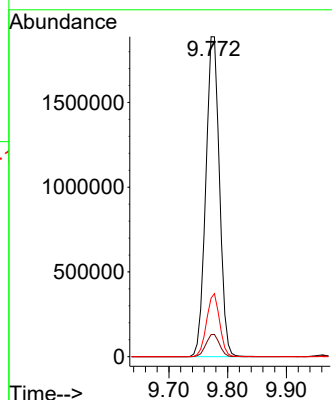
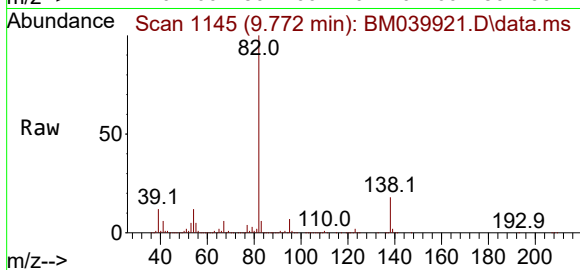
Tgt Ion: 82 Resp: 3038162

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 18.3 15.2 22.8



#26

2-Nitrophenol

Concen: 41.013 ng

RT: 9.960 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

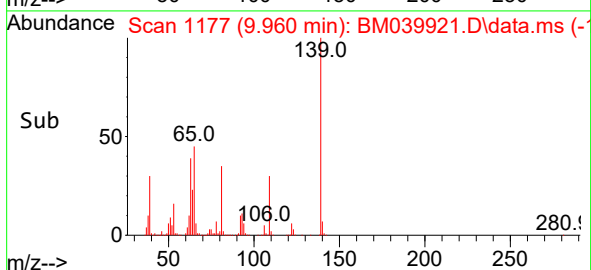
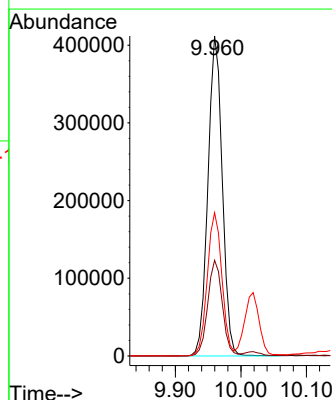
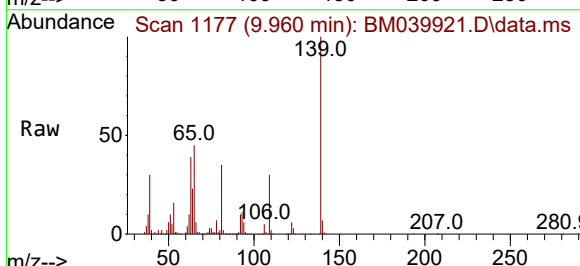
Tgt Ion: 139 Resp: 627661

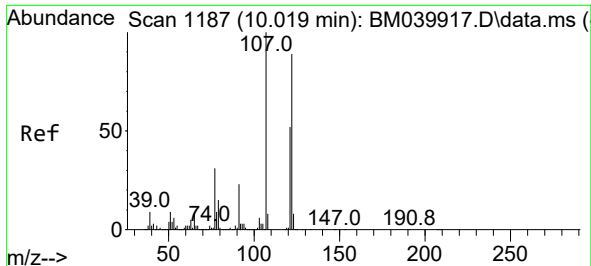
Ion Ratio Lower Upper

139 100

109 29.9 24.2 36.2

65 44.7 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 38.771 ng

RT: 10.019 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Instrument :

BNA_M

ClientSampleId :

ICVBM051223

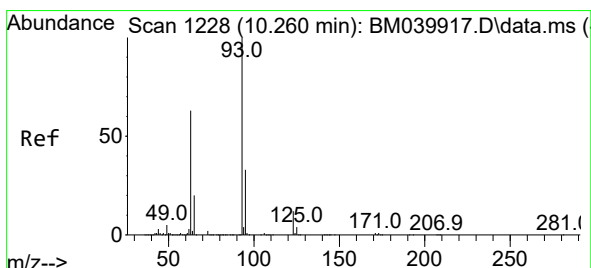
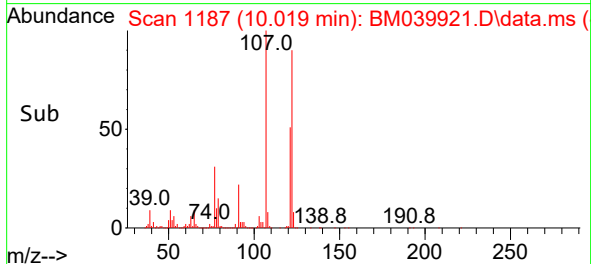
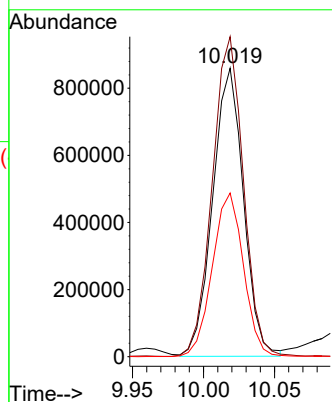
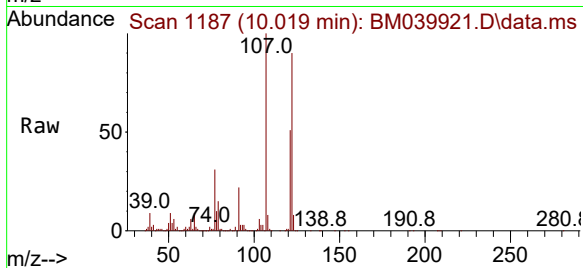
Tgt Ion:122 Resp: 1297944

Ion Ratio Lower Upper

122 100

107 110.9 90.1 135.1

121 56.7 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 37.844 ng

RT: 10.260 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

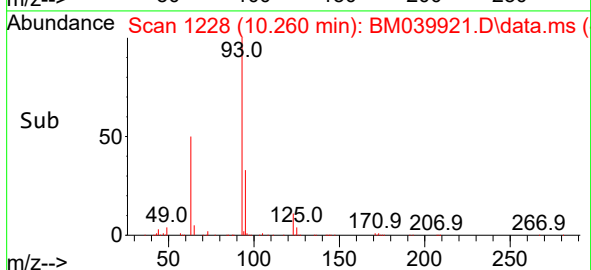
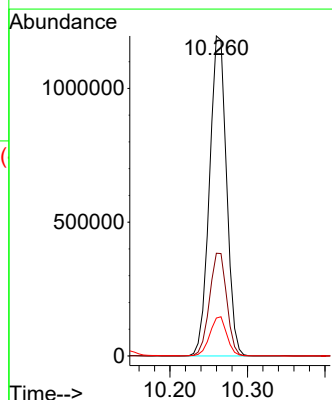
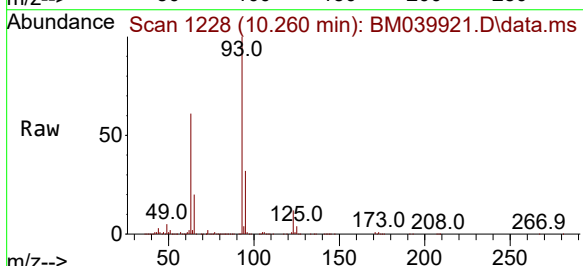
Tgt Ion: 93 Resp: 1825459

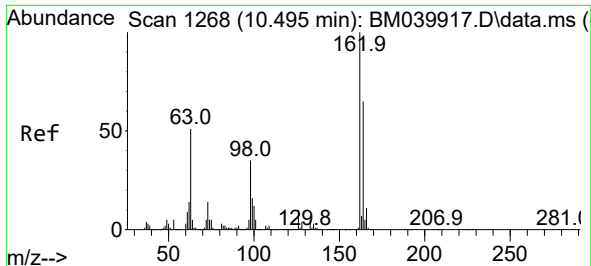
Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.4

123 11.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 39.111 ng

RT: 10.495 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Instrument :

BNA_M

ClientSampleId :

ICVBM051223

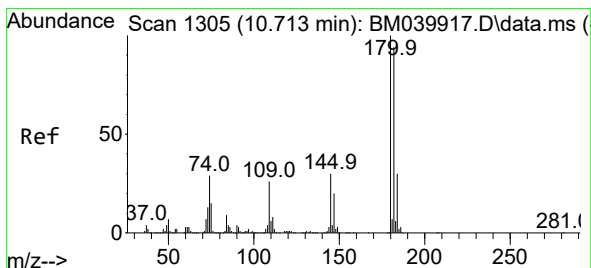
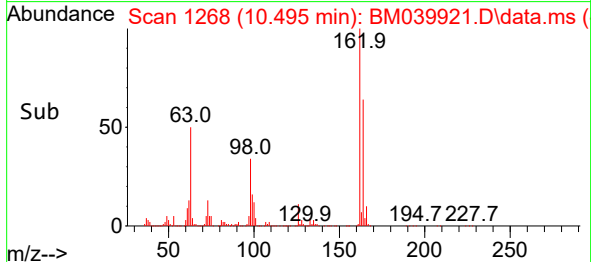
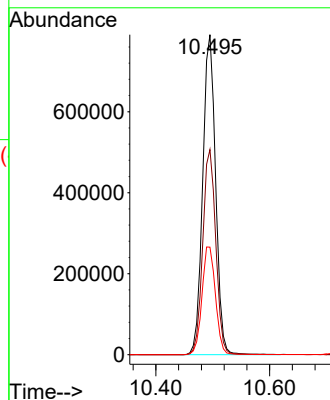
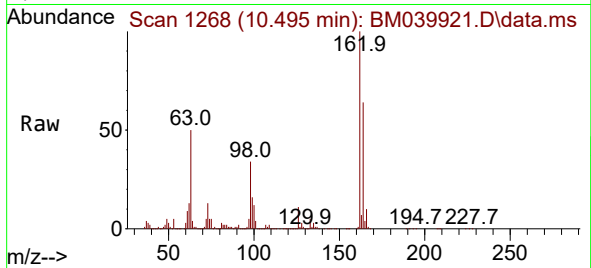
Tgt Ion:162 Resp: 1243733

Ion Ratio Lower Upper

162 100

164 64.1 45.3 85.3

98 33.6 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 37.498 ng

RT: 10.713 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

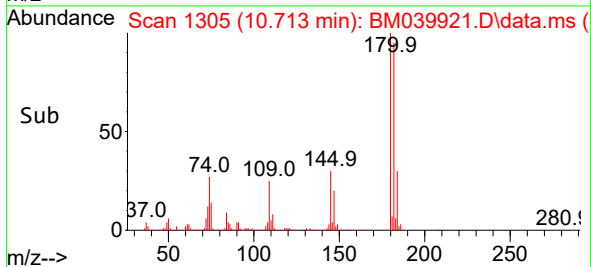
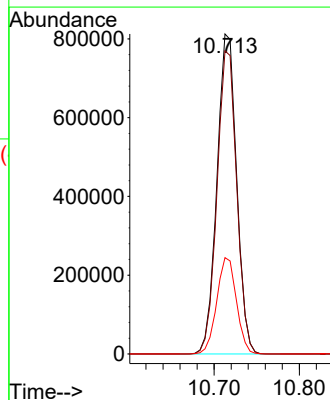
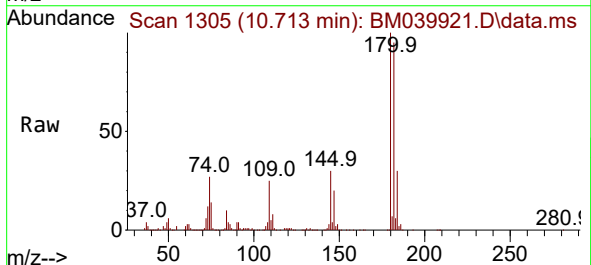
Tgt Ion:180 Resp: 1303695

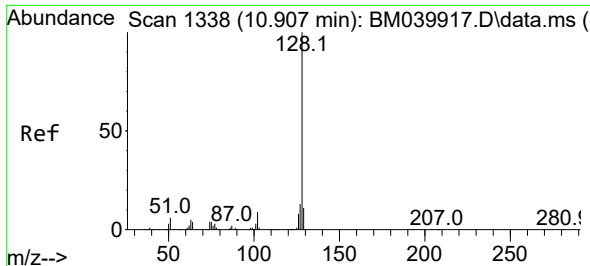
Ion Ratio Lower Upper

180 100

182 94.7 75.3 112.9

145 30.1 24.2 36.4

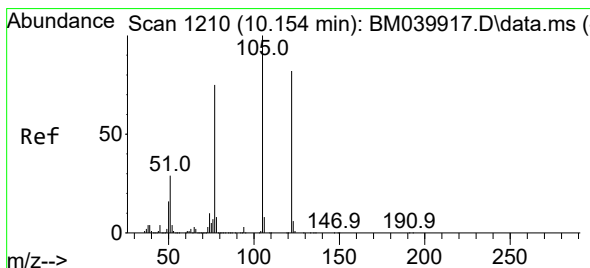
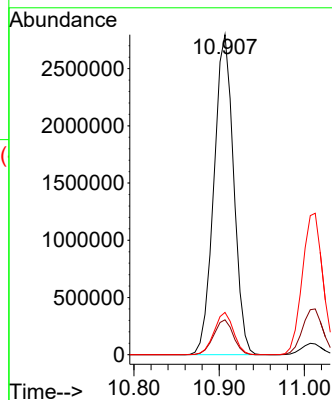
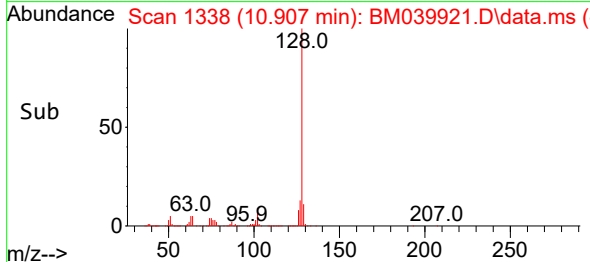
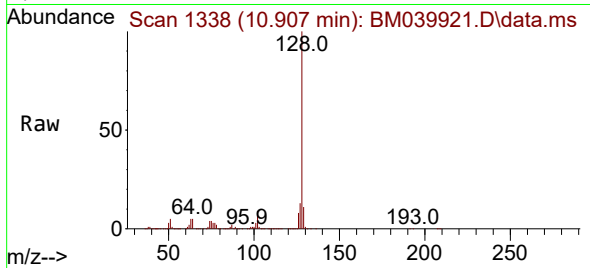




#31
Naphthalene
Concen: 36.980 ng
RT: 10.907 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

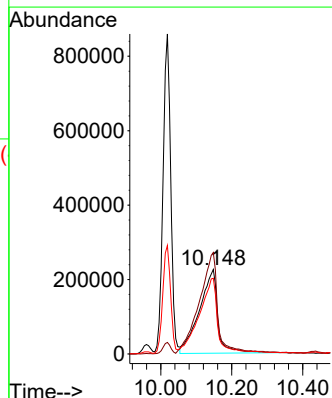
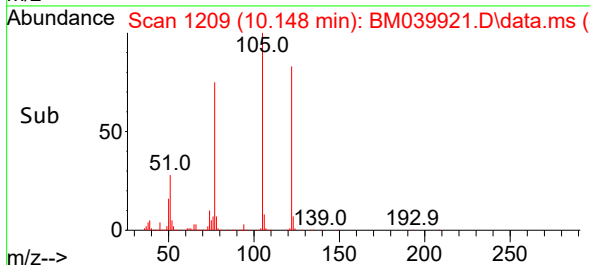
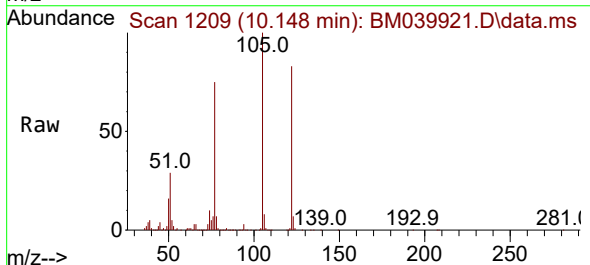
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

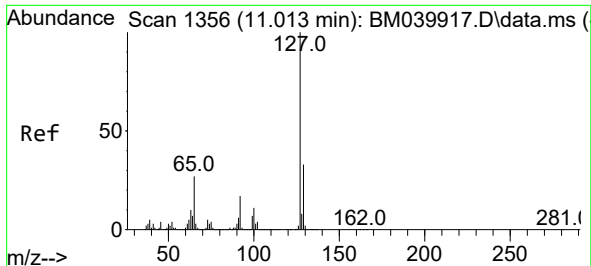
Tgt Ion:128 Resp: 4490759
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 39.883 ng
RT: 10.148 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:122 Resp: 815848
Ion Ratio Lower Upper
122 100
105 120.1 99.9 139.9
77 89.7 70.4 110.4



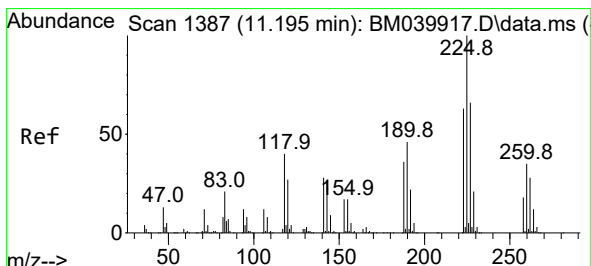
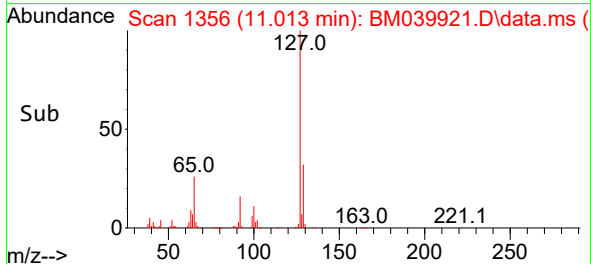
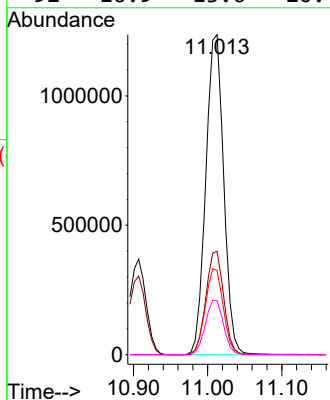
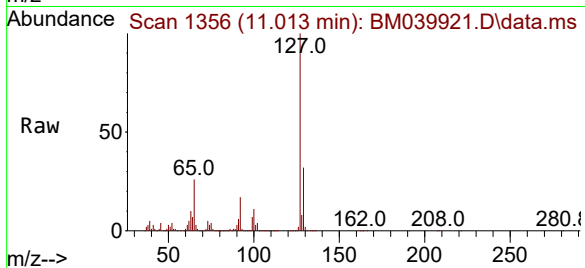


#33
4-Chloroaniline
Concen: 39.101 ng
RT: 11.013 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Instrument :
BNA_M
ClientSampleId :
ICVBM051223

Tgt Ion:127 Resp: 2078270

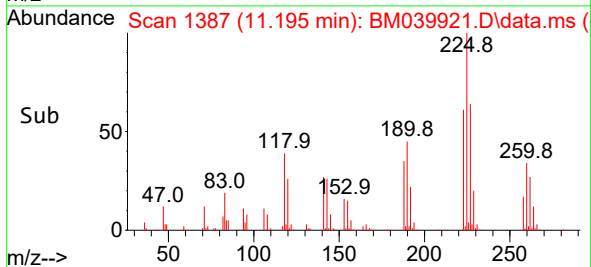
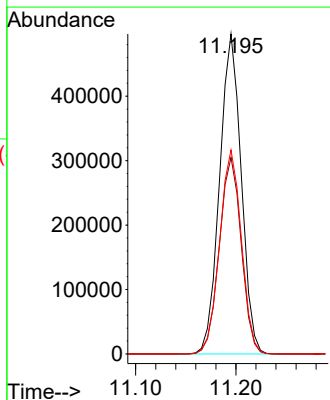
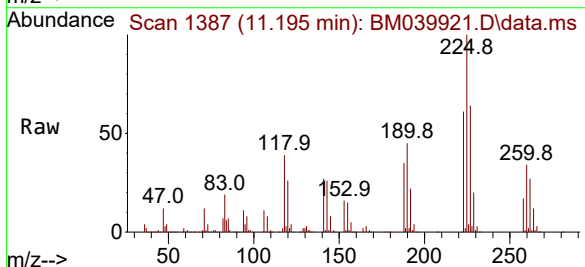
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	26.3	21.6	32.4
92	16.9	13.6	20.4

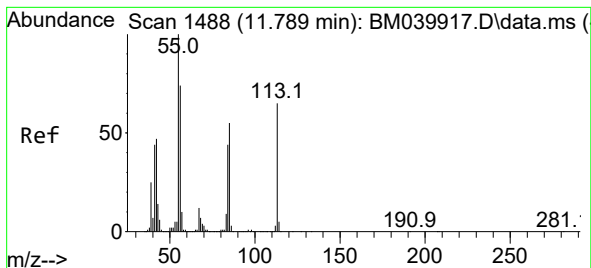


#34
Hexachlorobutadiene
Concen: 37.485 ng
RT: 11.195 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:225 Resp: 742815

Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.2	75.4
227	63.8	52.8	79.2

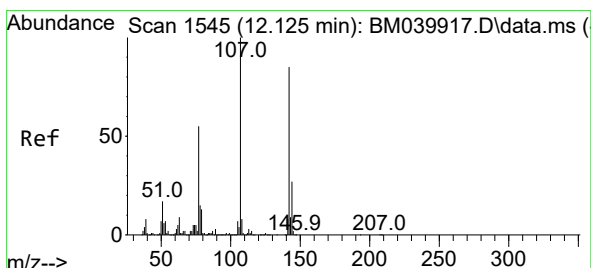
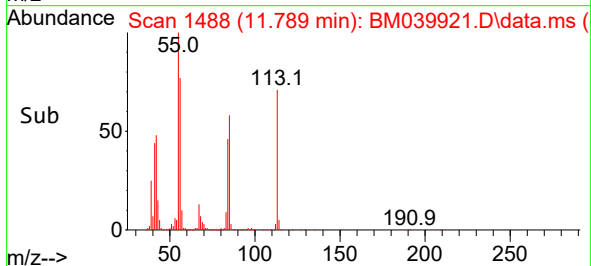
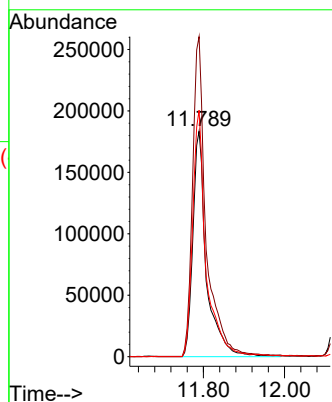
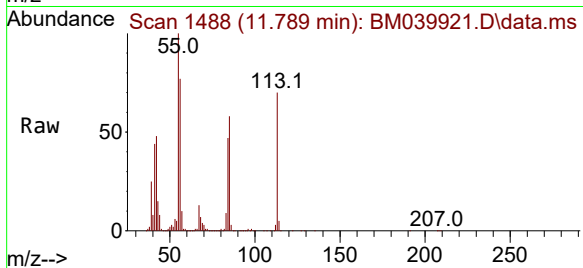




#35
Caprolactam
Concen: 44.641 ng
RT: 11.789 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

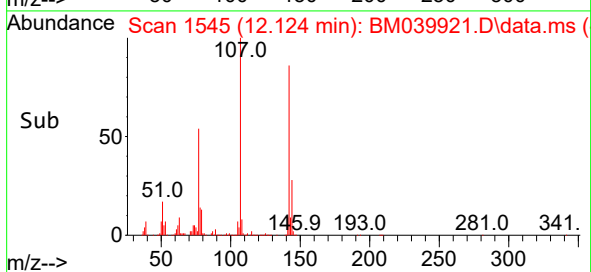
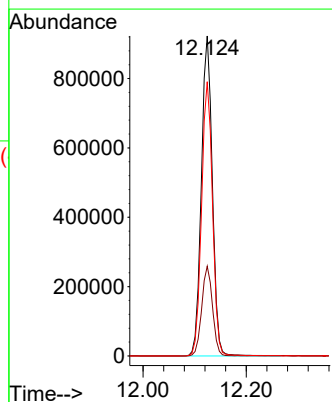
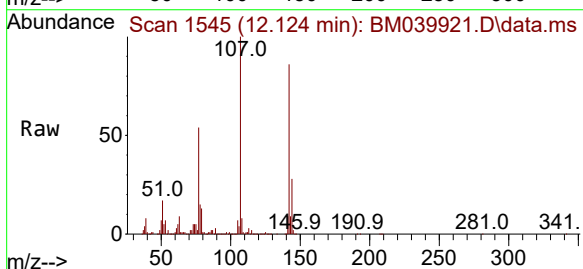
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

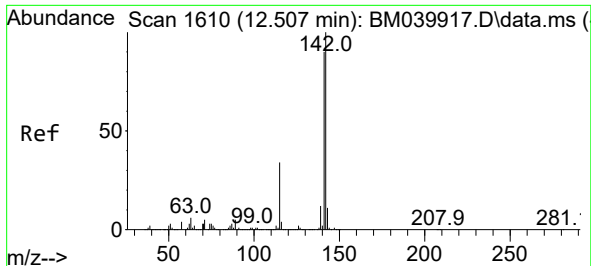
Tgt Ion:113 Resp: 426546
Ion Ratio Lower Upper
113 100
55 141.9 133.4 173.4
56 109.3 93.0 133.0



#36
4-Chloro-3-methylphenol
Concen: 40.056 ng
RT: 12.124 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:107 Resp: 1361602
Ion Ratio Lower Upper
107 100
144 28.1 22.0 33.0
142 85.7 68.3 102.5

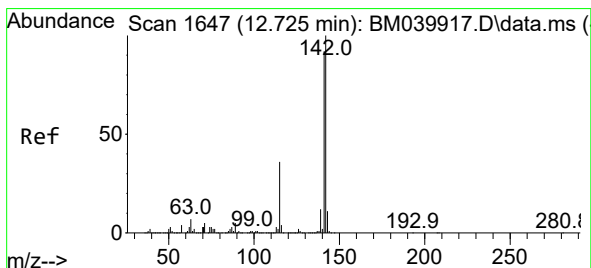
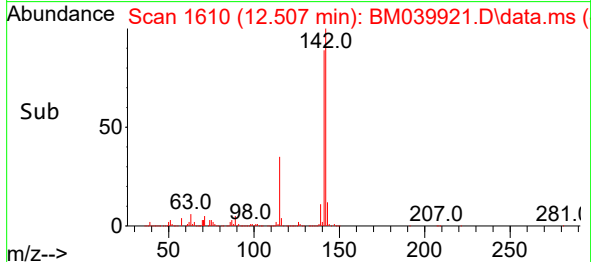
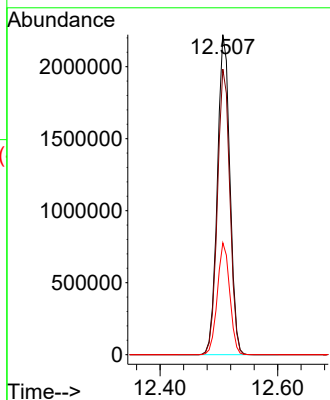
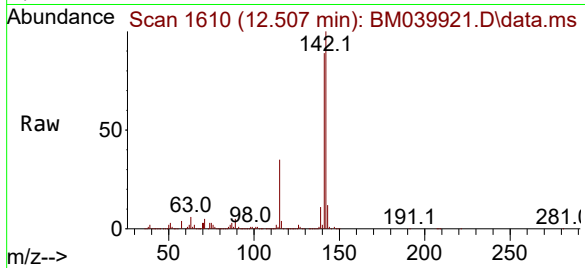




#37
2-Methylnaphthalene
Concen: 37.870 ng
RT: 12.507 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

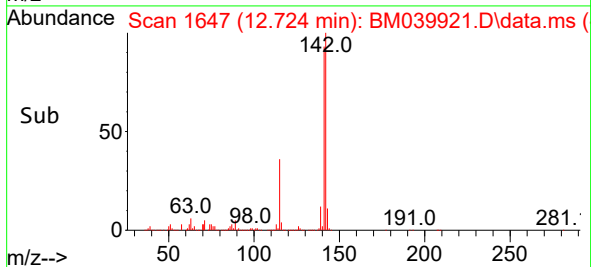
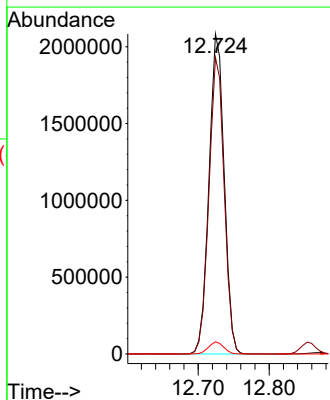
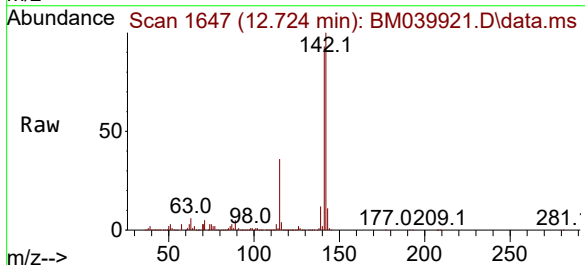
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

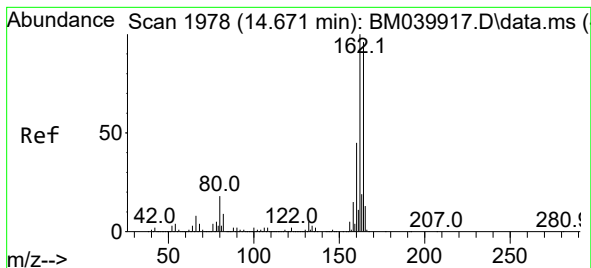
Tgt Ion:142 Resp: 3276022
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9
115 35.0 27.4 41.0



#38
1-Methylnaphthalene
Concen: 38.027 ng
RT: 12.724 min Scan# 1647
Delta R.T. -0.001 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:142 Resp: 3098890
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.8
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.671 min Scan# 1978

Delta R.T. 0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Instrument :

BNA_M

ClientSampleId :

ICVBM051223

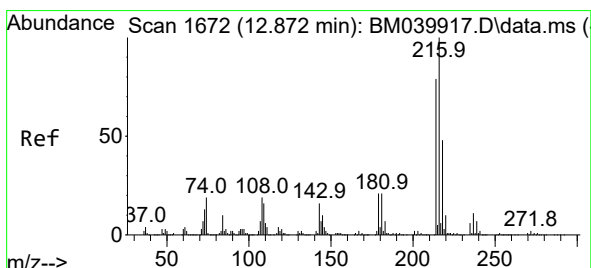
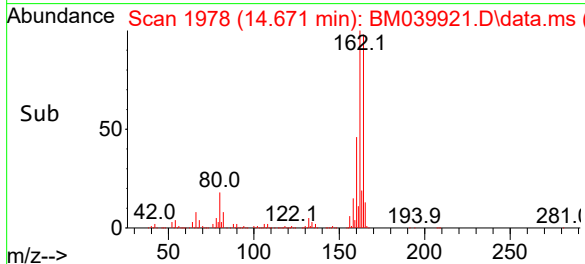
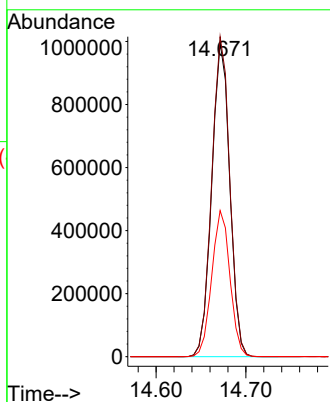
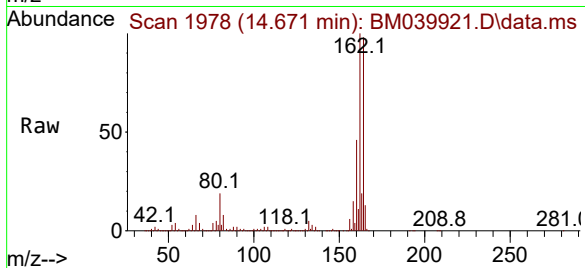
Tgt Ion:164 Resp: 1388241

Ion Ratio Lower Upper

164 100

162 101.9 83.6 125.4

160 46.5 37.8 56.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.667 ng

RT: 12.871 min Scan# 1672

Delta R.T. -0.001 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Tgt Ion:216 Resp: 1535610

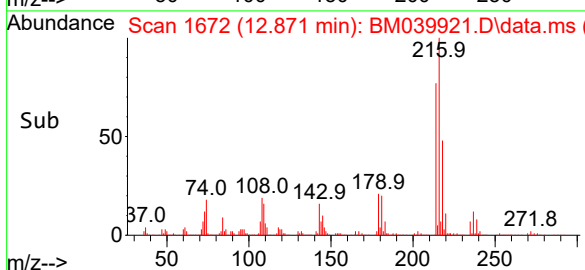
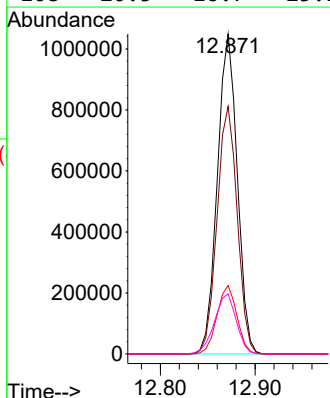
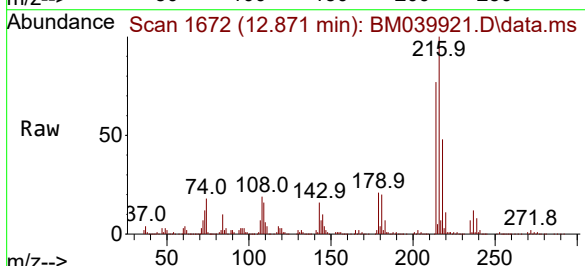
Ion Ratio Lower Upper

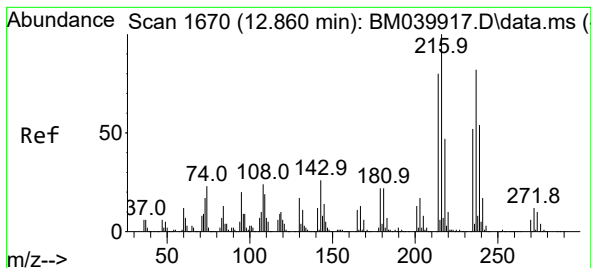
216 100

214 78.3 62.9 94.3

179 21.4 17.1 25.7

108 20.5 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 38.863 ng

RT: 12.854 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Instrument :

BNA_M

ClientSampleId :

ICVBM051223

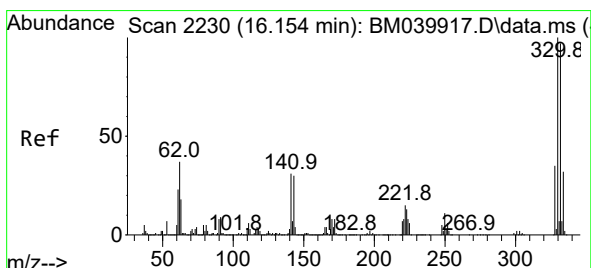
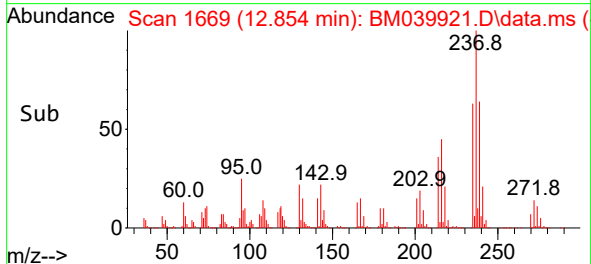
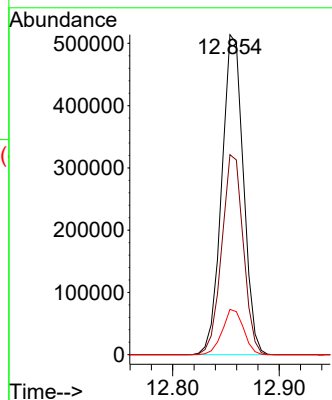
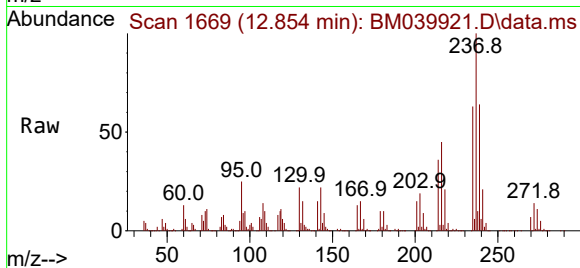
Tgt Ion:237 Resp: 724284

Ion Ratio Lower Upper

237 100

235 62.5 42.5 82.5

272 14.2 0.0 34.4



#42

2,4,6-Tribromophenol

Concen: 73.496 ng

RT: 16.154 min Scan# 2230

Delta R.T. -0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

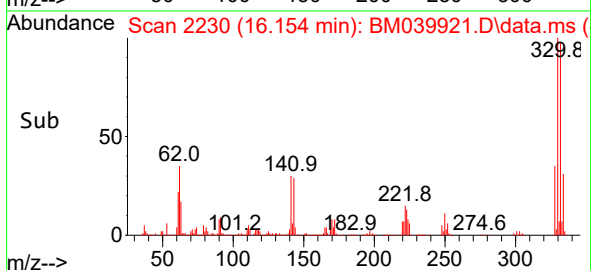
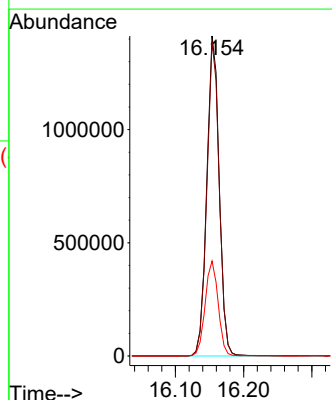
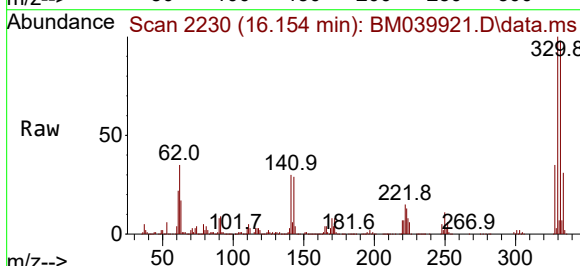
Tgt Ion:330 Resp: 1791878

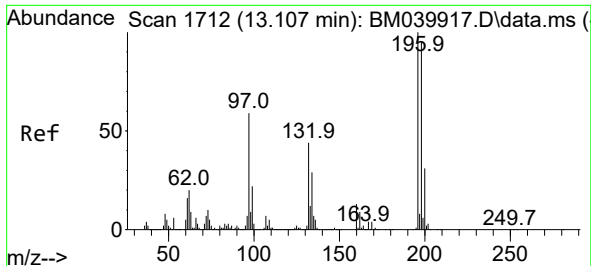
Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.0

141 31.2 25.6 38.4





#43

2,4,6-Trichlorophenol

Concen: 39.402 ng

RT: 13.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Instrument :

BNA_M

ClientSampleId :

ICVBM051223

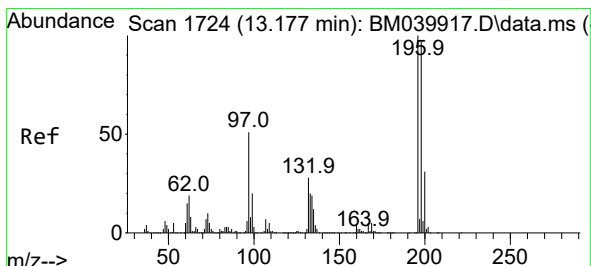
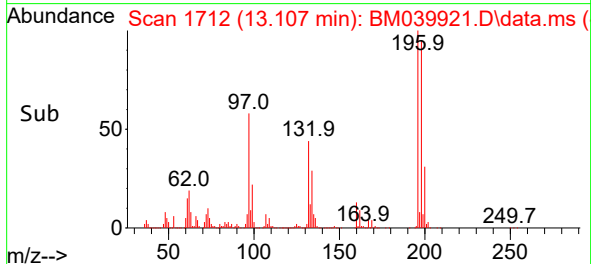
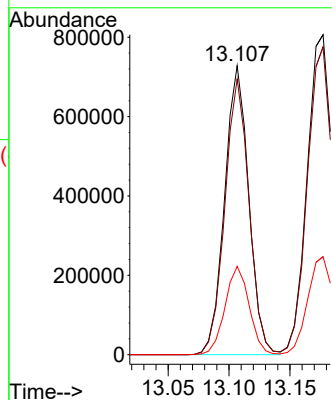
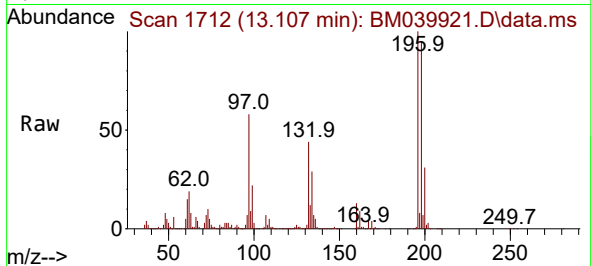
Tgt Ion:196 Resp: 1008144

Ion Ratio Lower Upper

196 100

198 95.4 75.7 113.5

200 30.5 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 39.734 ng

RT: 13.177 min Scan# 1724

Delta R.T. -0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Tgt Ion:196 Resp: 1199486

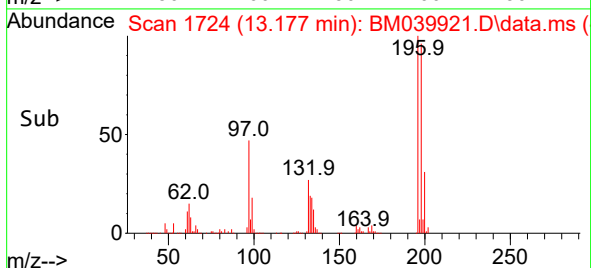
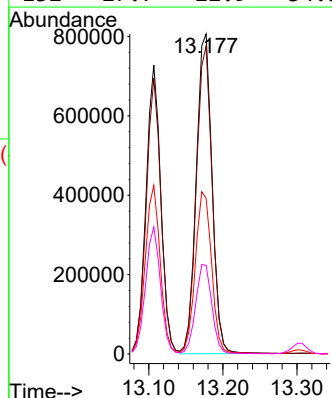
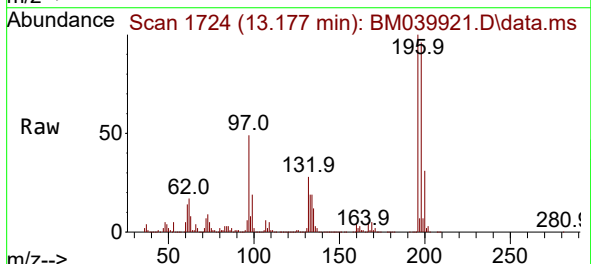
Ion Ratio Lower Upper

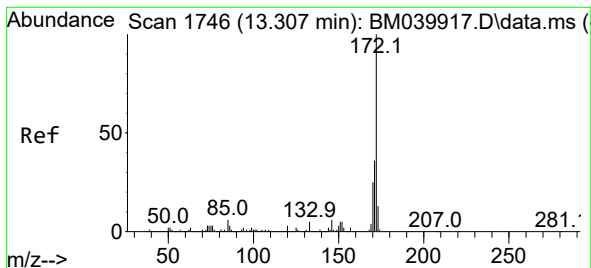
196 100

198 96.2 77.6 116.4

97 48.7 41.3 61.9

132 27.7 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 78.000 ng

RT: 13.307 min Scan# 1746

Delta R.T. -0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Instrument :

BNA_M

ClientSampleId :

ICVBM051223

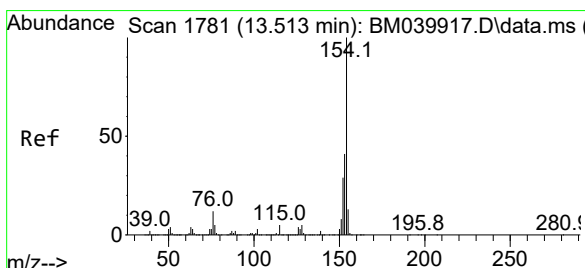
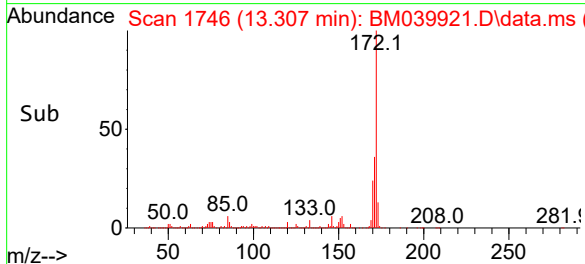
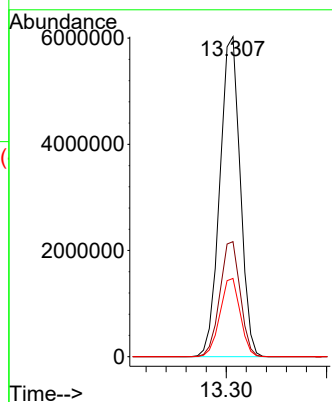
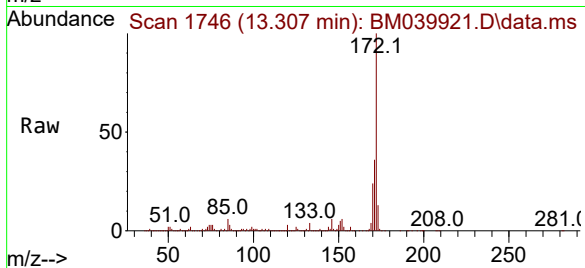
Tgt Ion:172 Resp: 8465038

Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

170 24.5 19.9 29.9



#46

1,1'-Biphenyl

Concen: 36.862 ng

RT: 13.513 min Scan# 1781

Delta R.T. -0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

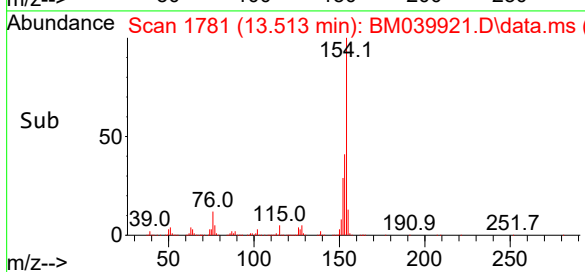
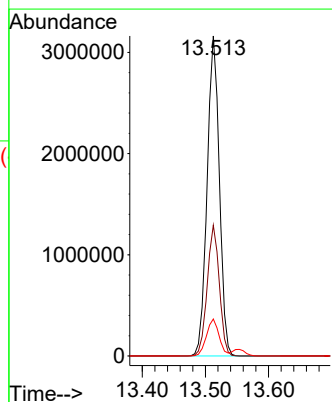
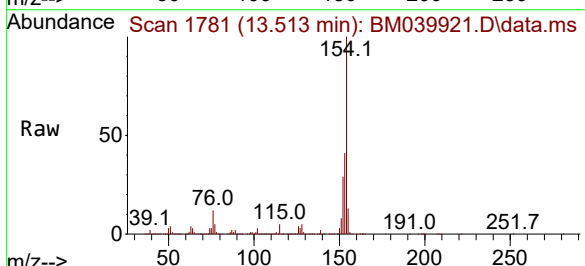
Tgt Ion:154 Resp: 4239197

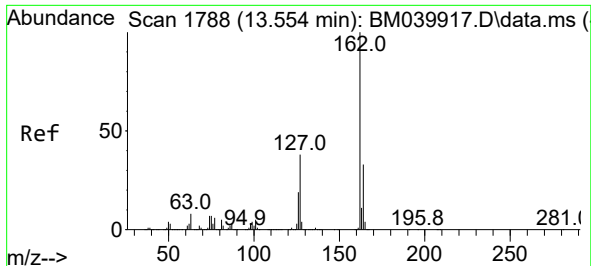
Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

76 11.6 0.0 31.9

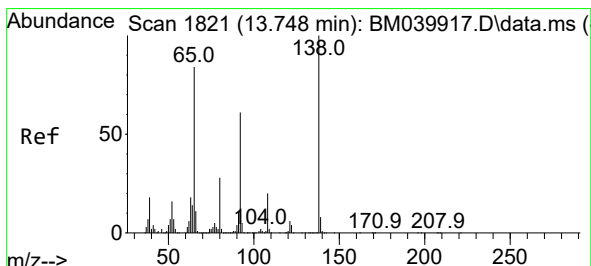
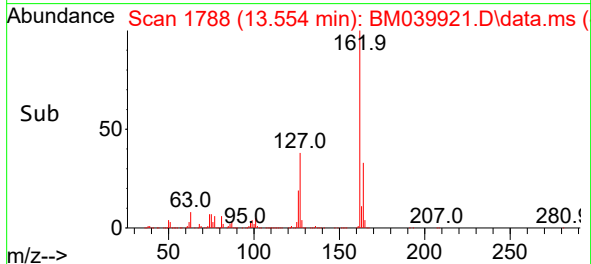
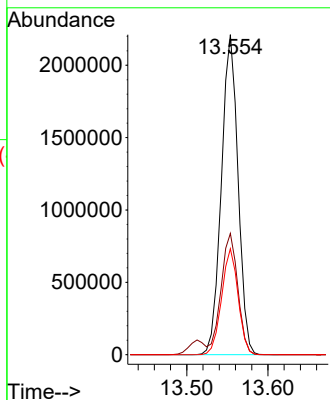
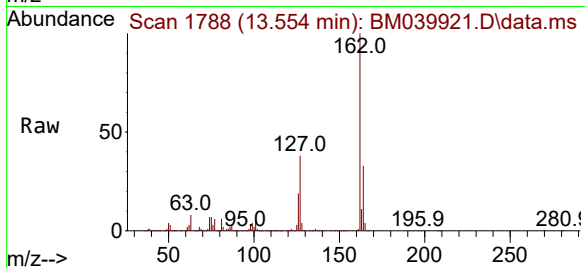




#47
2-Chloronaphthalene
Concen: 36.992 ng
RT: 13.554 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

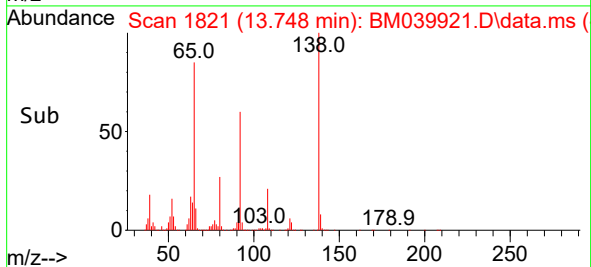
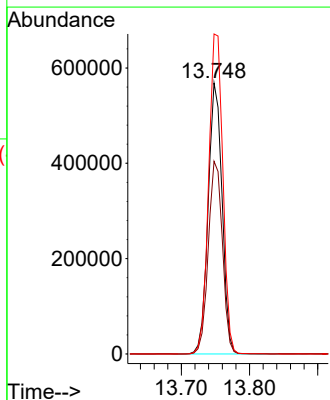
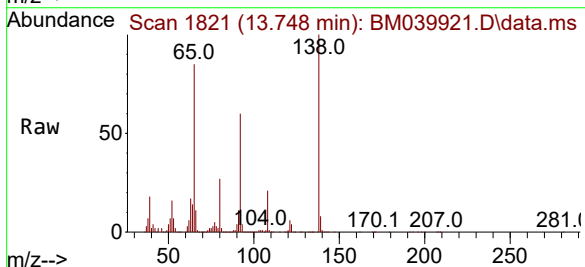
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

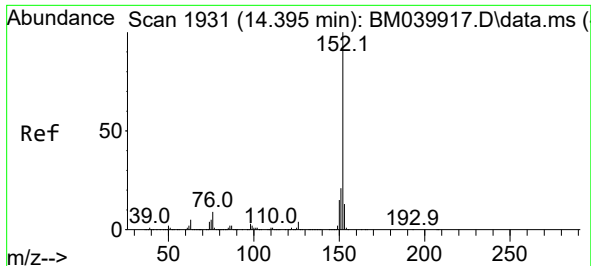
Tgt Ion:162 Resp: 3155491
Ion Ratio Lower Upper
162 100
127 37.9 30.1 45.1
164 33.1 26.2 39.4



#48
2-Nitroaniline
Concen: 38.715 ng
RT: 13.748 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion: 65 Resp: 809432
Ion Ratio Lower Upper
65 100
92 71.1 57.7 86.5
138 118.1 95.0 142.6

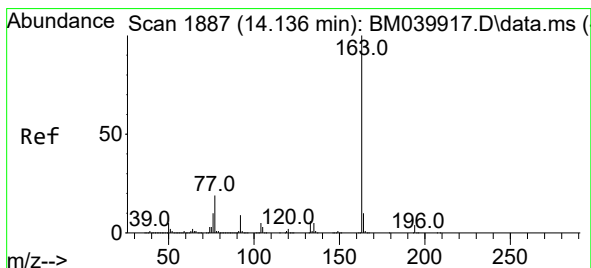
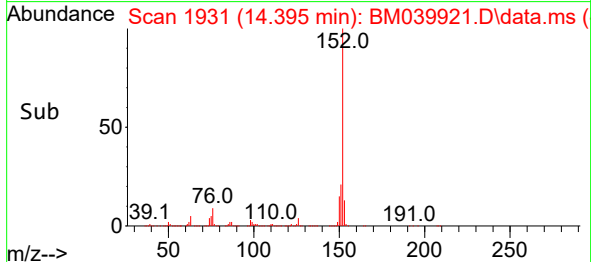
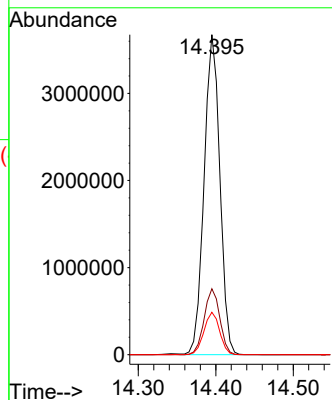
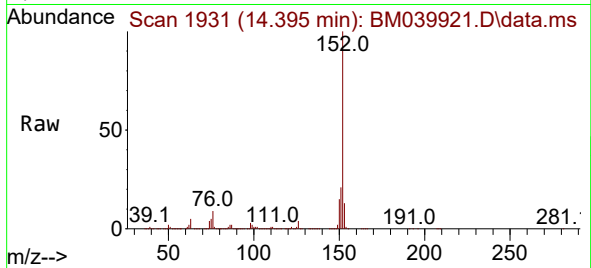




#49
Acenaphthylene
Concen: 37.697 ng
RT: 14.395 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

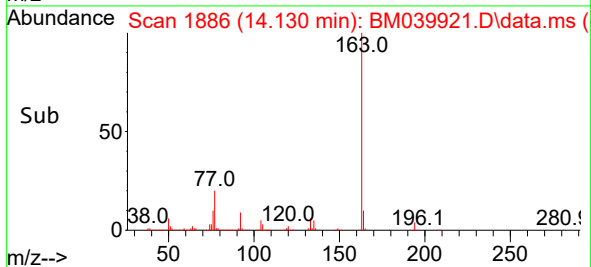
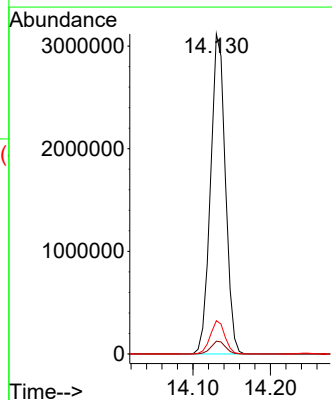
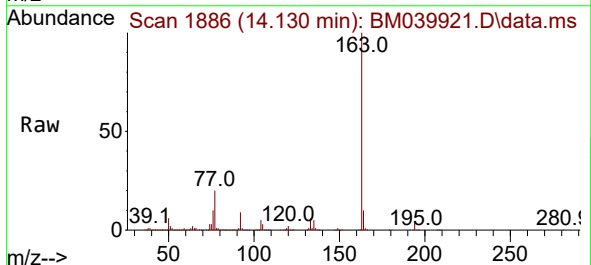
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

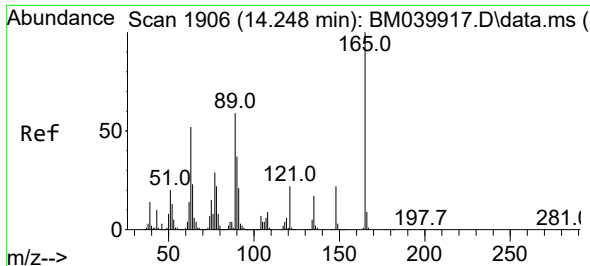
Tgt Ion:152 Resp: 5185623
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.2 10.7 16.1



#50
Dimethylphthalate
Concen: 38.220 ng
RT: 14.130 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:163 Resp: 4137700
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 37.429 ng

RT: 14.242 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Instrument :

BNA_M

ClientSampleId :

ICVBM051223

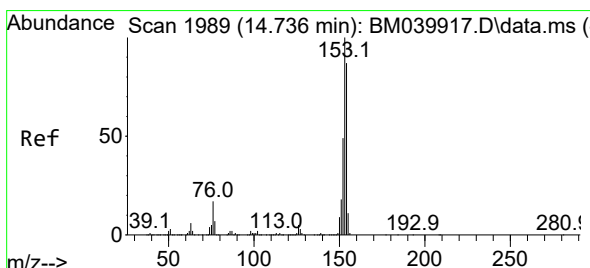
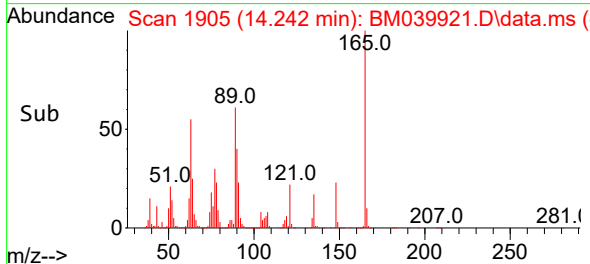
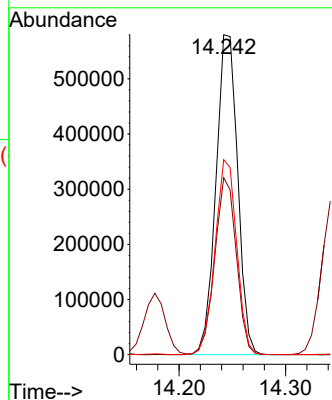
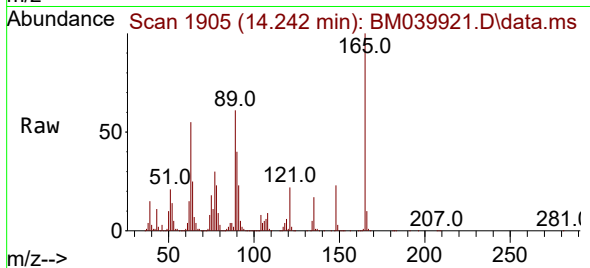
Tgt Ion:165 Resp: 820451

Ion Ratio Lower Upper

165 100

63 55.3 42.3 63.5

89 60.9 47.4 71.0



#52

Acenaphthene

Concen: 37.570 ng

RT: 14.736 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

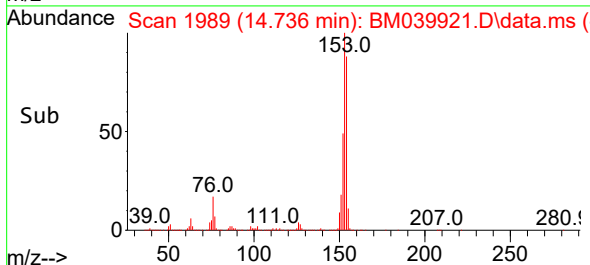
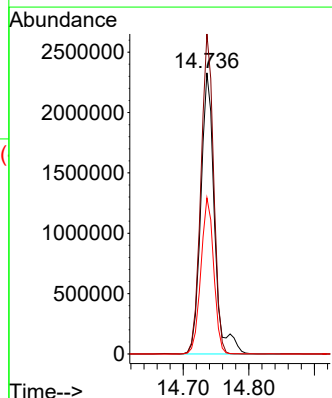
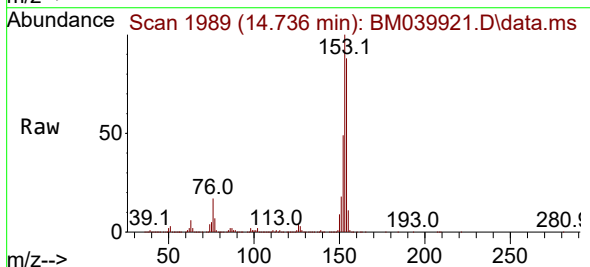
Tgt Ion:154 Resp: 3366876

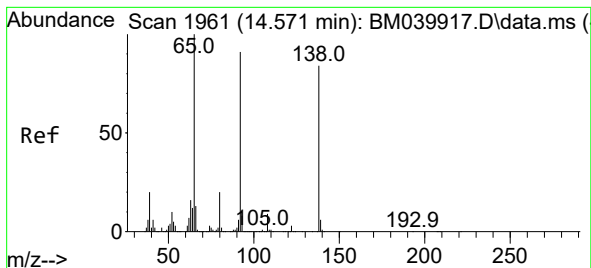
Ion Ratio Lower Upper

154 100

153 113.8 91.9 137.9

152 55.6 45.0 67.6

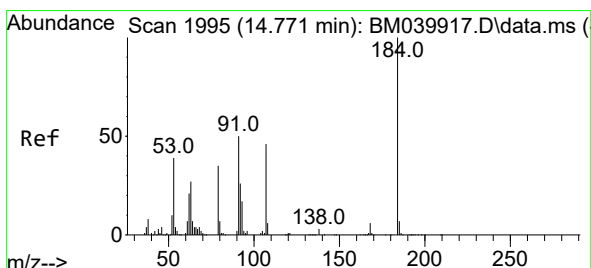
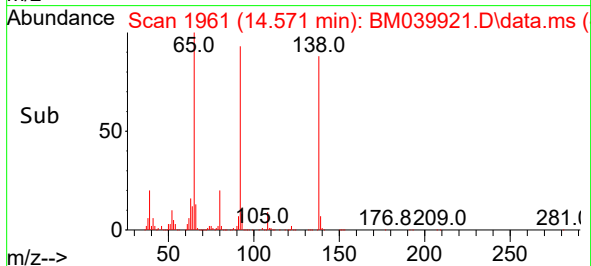
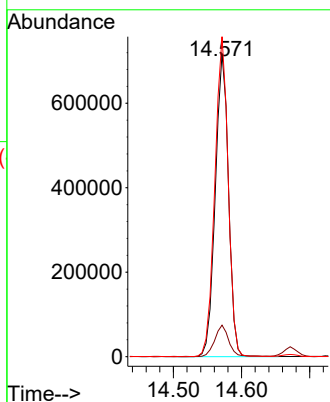
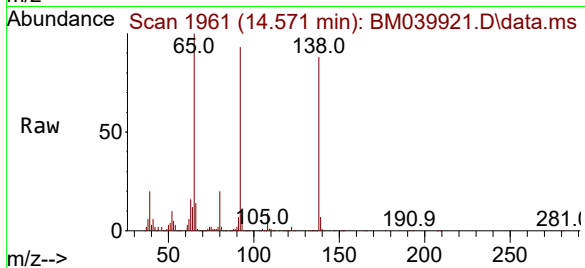




#53
3-Nitroaniline
Concen: 38.205 ng
RT: 14.571 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

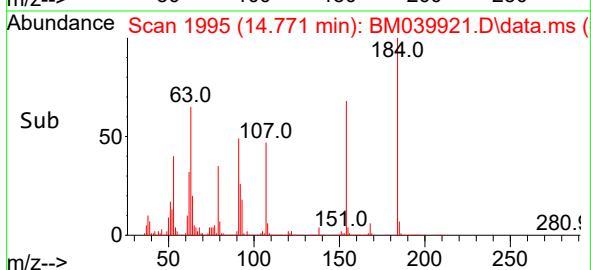
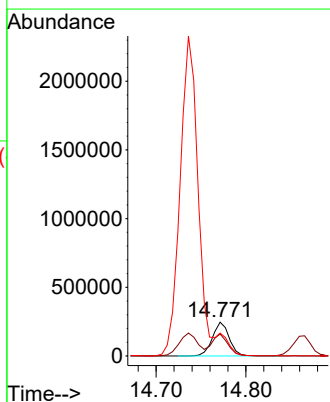
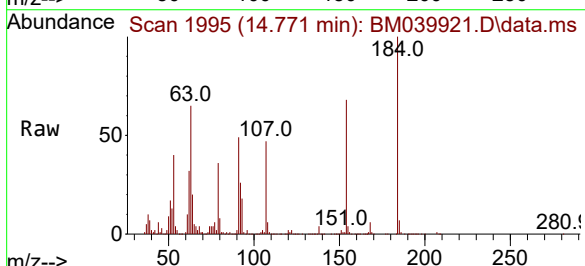
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

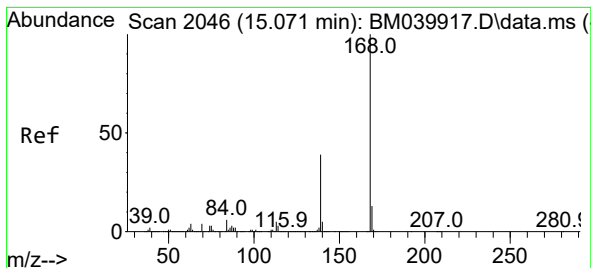
Tgt Ion:138 Resp: 967652
Ion Ratio Lower Upper
138 100
108 10.4 8.6 12.8
92 105.5 87.3 130.9



#54
2,4-Dinitrophenol
Concen: 41.912 ng
RT: 14.771 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:184 Resp: 320007
Ion Ratio Lower Upper
184 100
63 65.0 53.4 80.0
154 67.6 54.2 81.2

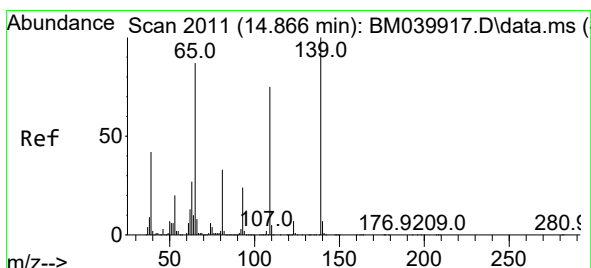
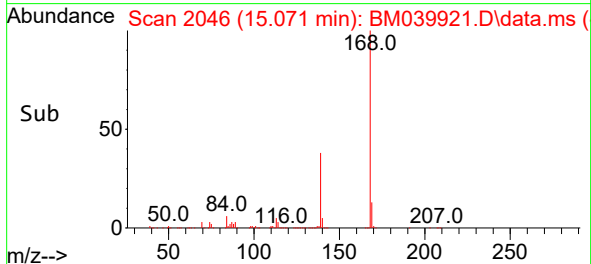
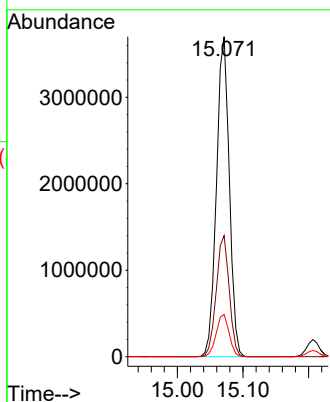
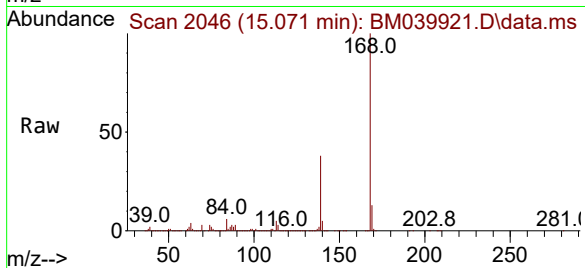




#55
Dibenzofuran
Concen: 37.422 ng
RT: 15.071 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

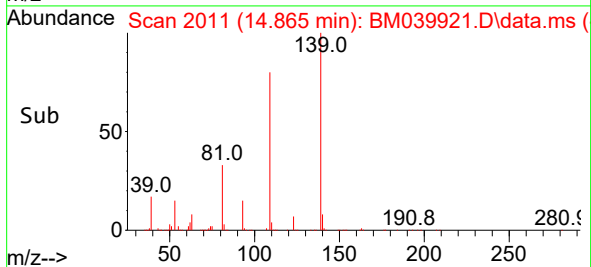
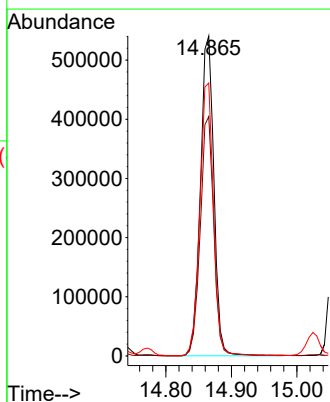
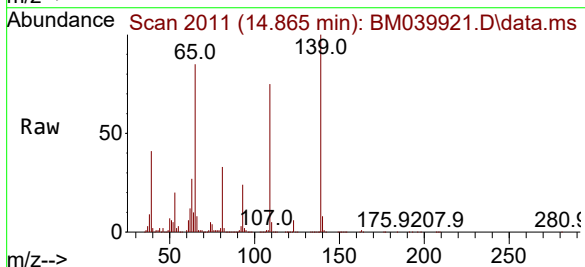
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

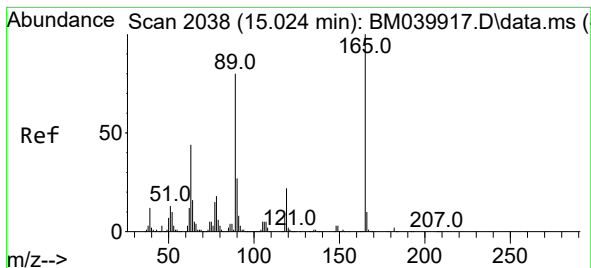
Tgt Ion:168 Resp: 4998849
Ion Ratio Lower Upper
168 100
139 37.9 31.0 46.6
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 41.144 ng
RT: 14.865 min Scan# 2011
Delta R.T. -0.001 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:139 Resp: 772922
Ion Ratio Lower Upper
139 100
109 74.8 55.1 95.1
65 85.3 67.4 107.4

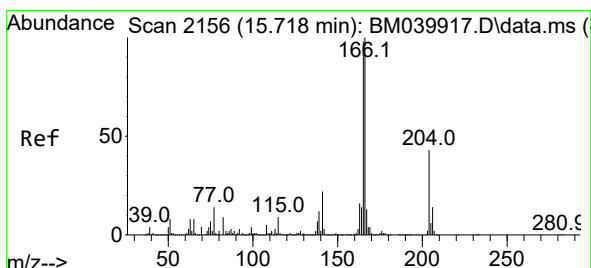
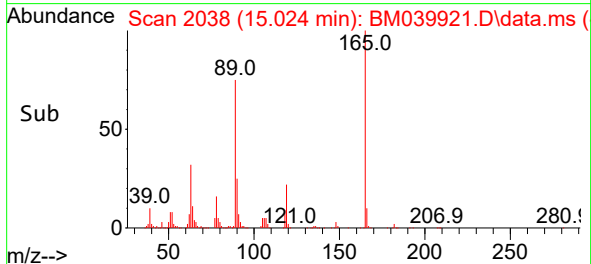
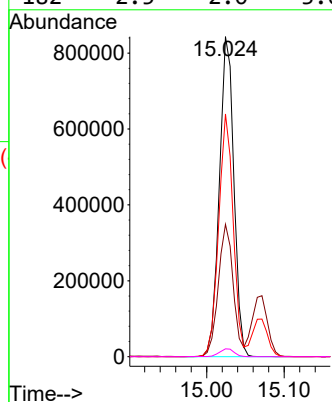
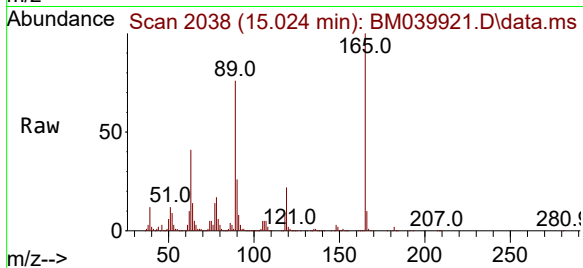




#57
2,4-Dinitrotoluene
Concen: 38.019 ng
RT: 15.024 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

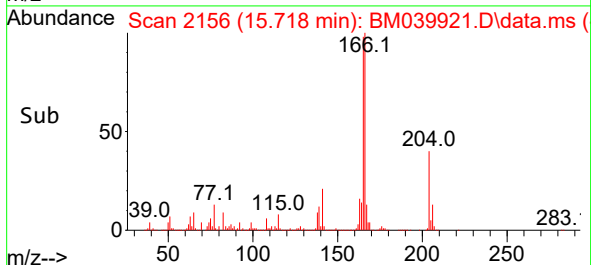
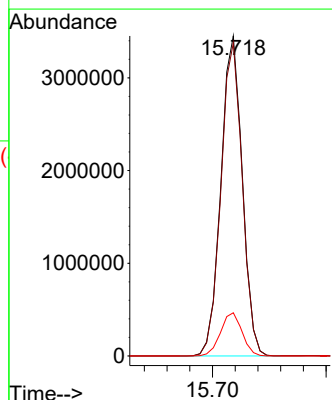
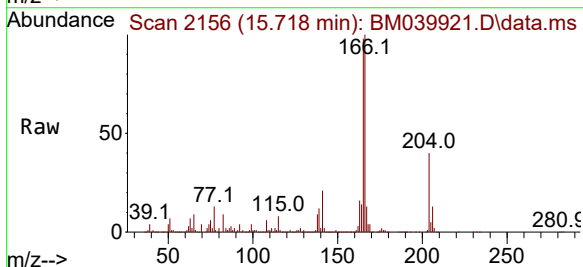
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

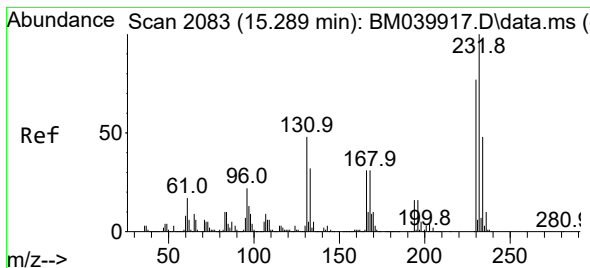
Tgt Ion:165 Resp: 1095903
Ion Ratio Lower Upper
165 100
63 41.4 35.5 53.3
89 75.9 63.8 95.6
182 2.5 2.0 3.0



#58
Fluorene
Concen: 38.445 ng
RT: 15.718 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:166 Resp: 4512488
Ion Ratio Lower Upper
166 100
165 97.8 78.8 118.2
167 13.5 10.8 16.2

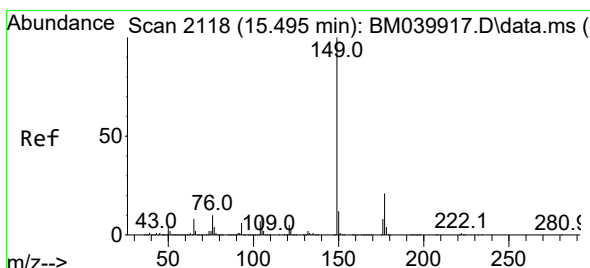
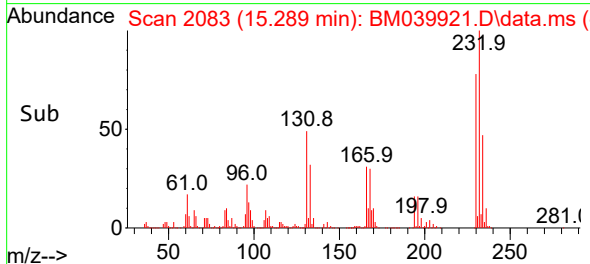
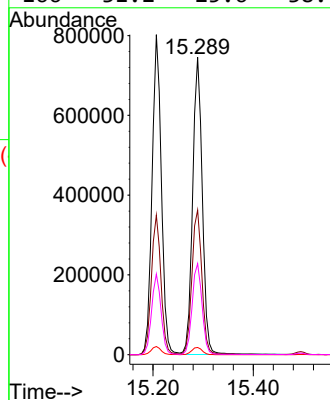
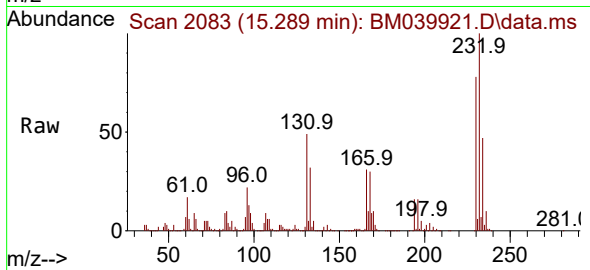




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.213 ng
RT: 15.289 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

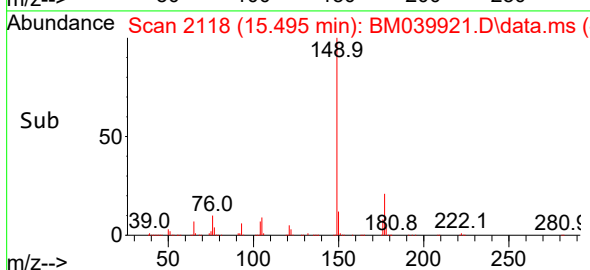
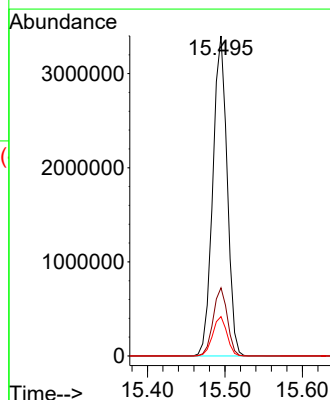
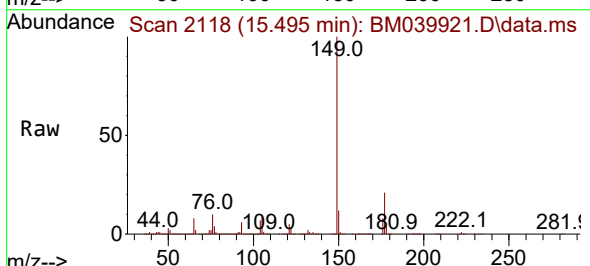
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

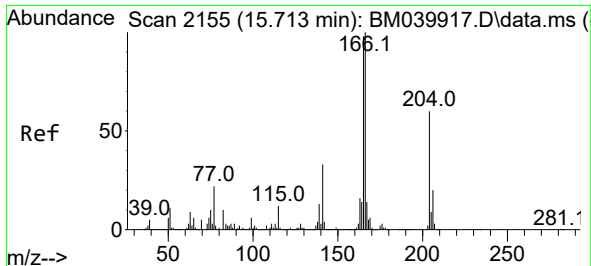
Tgt Ion:232 Resp: 998318
Ion Ratio Lower Upper
232 100
131 49.9 41.0 61.4
130 2.7 2.2 3.2
166 31.2 25.6 38.4



#60
Diethylphthalate
Concen: 39.107 ng
RT: 15.495 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:149 Resp: 4365202
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.4
150 12.3 9.8 14.6

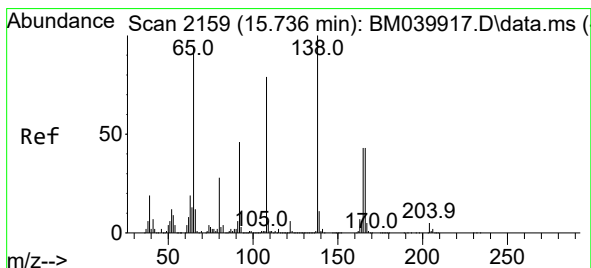
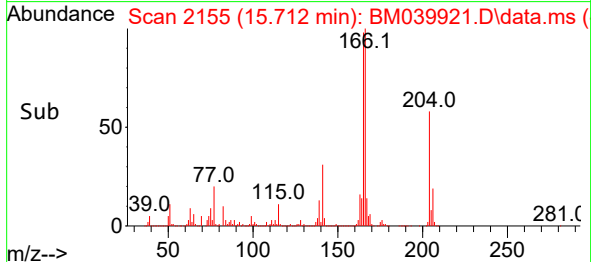
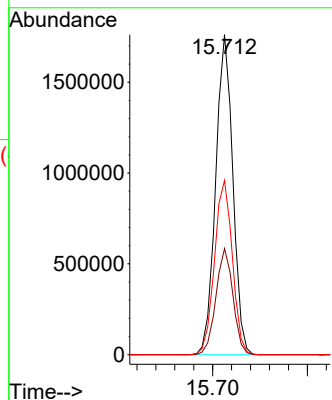
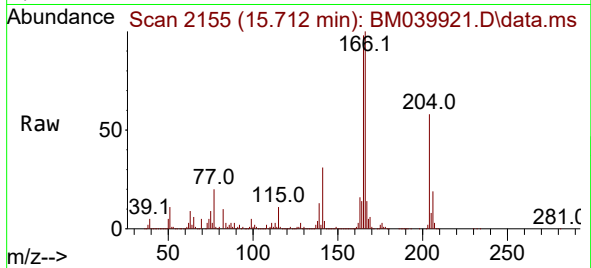




#61
4-Chlorophenyl-phenylether
Concen: 38.130 ng
RT: 15.712 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

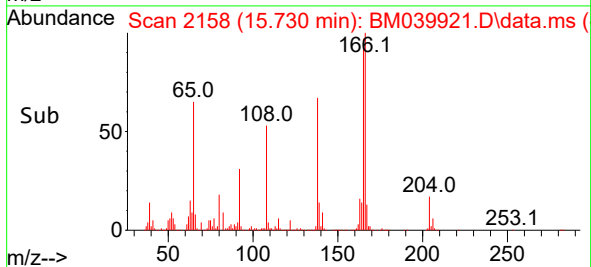
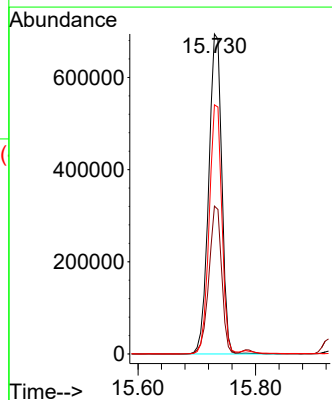
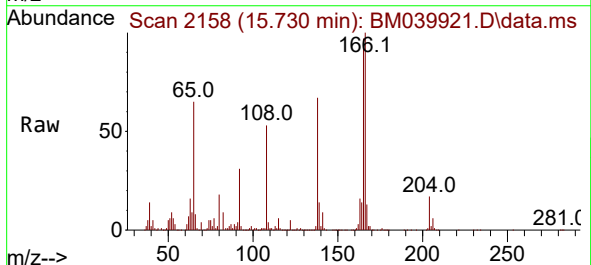
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

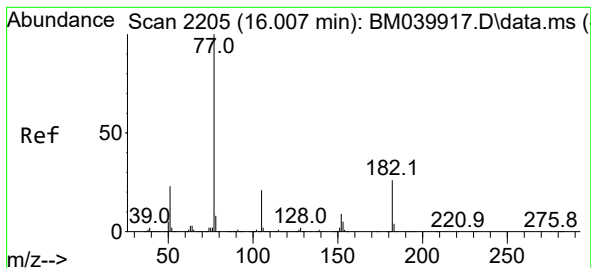
Tgt Ion:204 Resp: 2220952
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 54.4 44.6 67.0



#62
4-Nitroaniline
Concen: 39.277 ng
RT: 15.730 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:138 Resp: 1077143
Ion Ratio Lower Upper
138 100
92 46.2 25.5 65.5
108 77.9 59.5 99.5





#63

Azobenzene

Concen: 36.774 ng

RT: 16.007 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Instrument :

BNA_M

ClientSampleId :

ICVBM051223

Tgt Ion: 77 Resp: 3927078

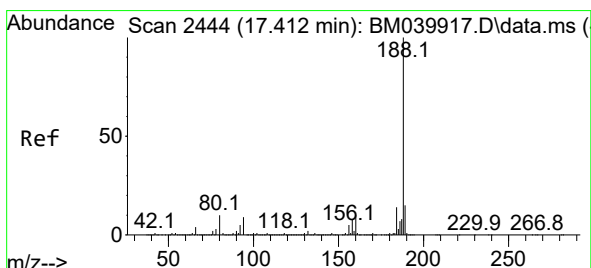
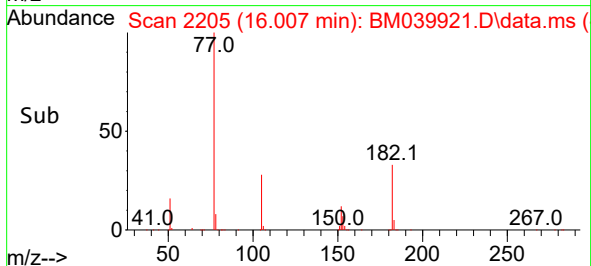
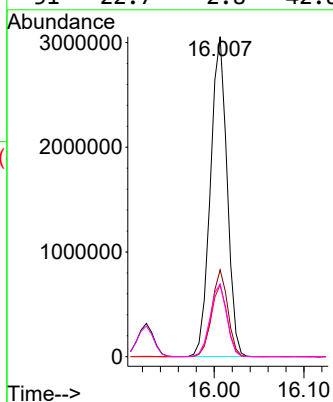
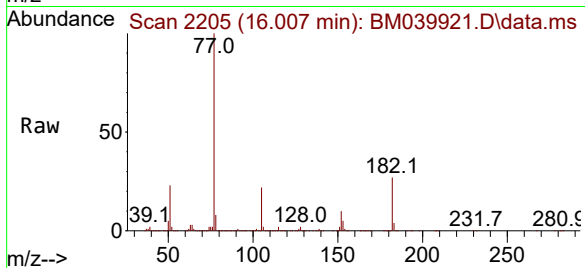
Ion Ratio Lower Upper

77 100

182 27.1 6.2 46.2

105 22.4 1.4 41.4

51 22.7 2.8 42.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.412 min Scan# 2444

Delta R.T. 0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

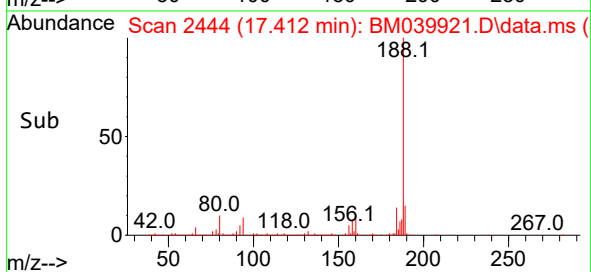
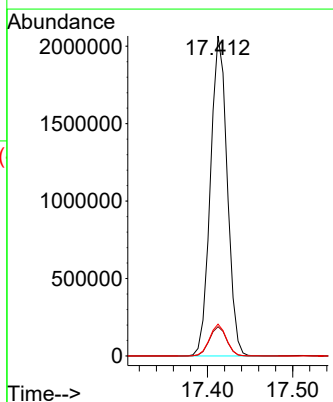
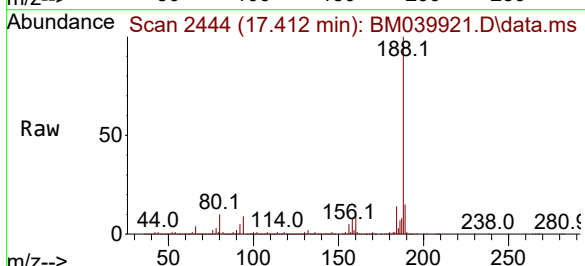
Tgt Ion:188 Resp: 2829954

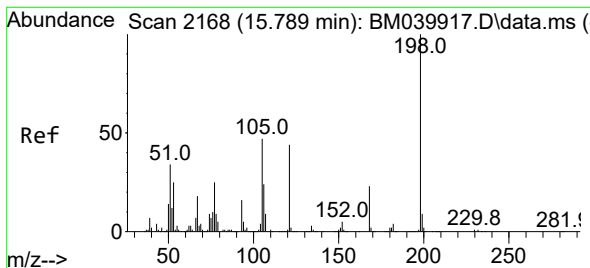
Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

80 10.0 8.0 12.0

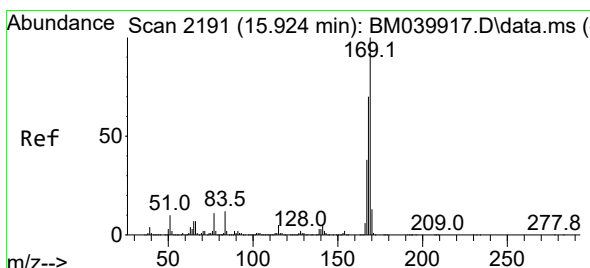
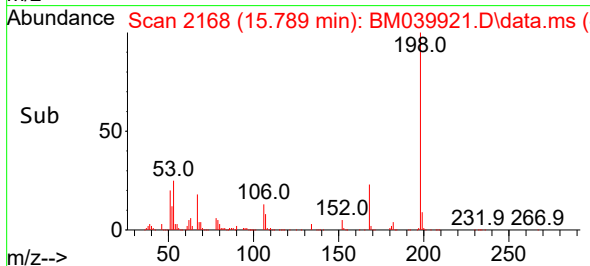
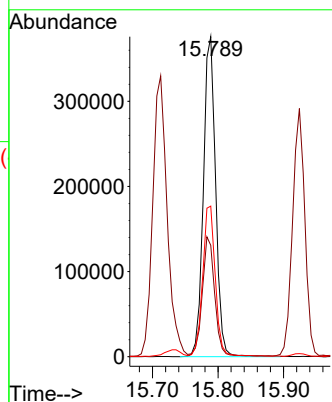
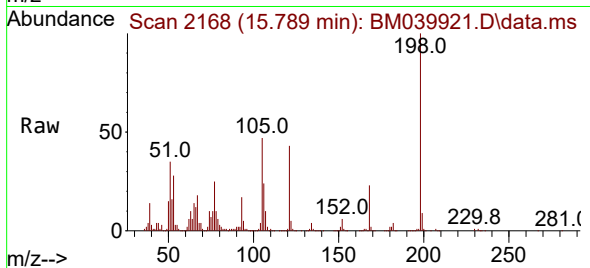




#65
4,6-Dinitro-2-methylphenol
Concen: 40.771 ng
RT: 15.789 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

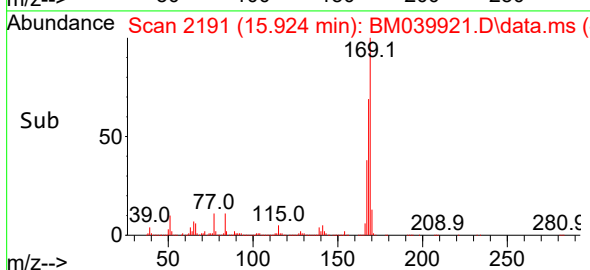
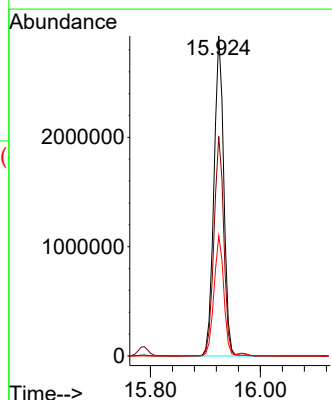
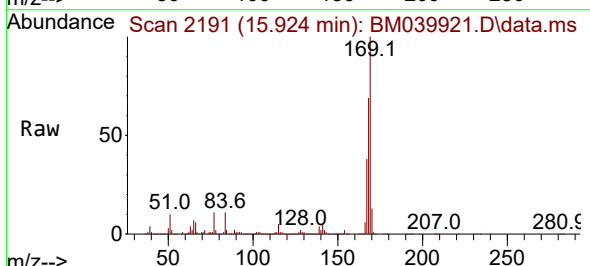
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

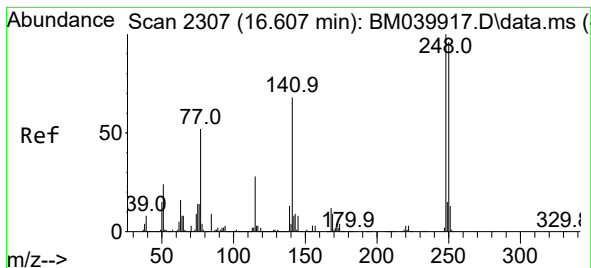
Tgt Ion:198 Resp: 488465
Ion Ratio Lower Upper
198 100
51 34.8 16.0 56.0
105 47.1 27.6 67.6



#66
n-Nitrosodiphenylamine
Concen: 37.143 ng
RT: 15.924 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:169 Resp: 3622389
Ion Ratio Lower Upper
169 100
168 68.6 55.7 83.5
167 37.5 30.2 45.4

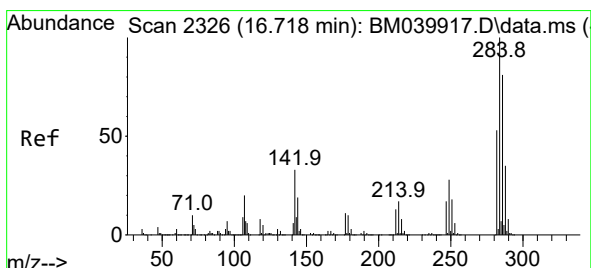
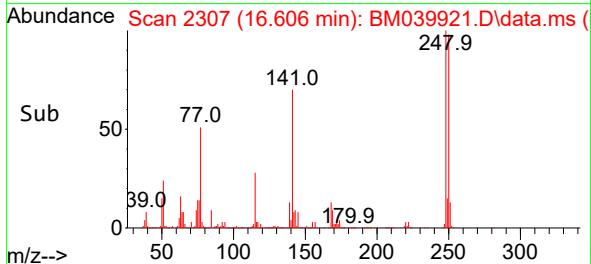
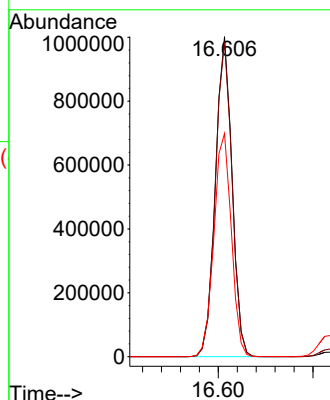
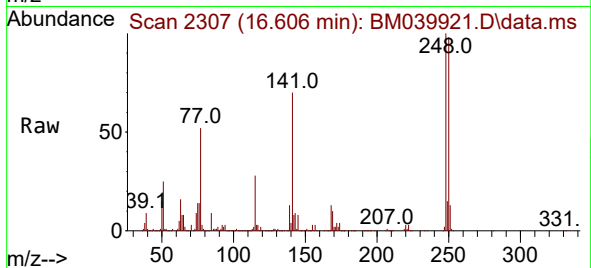




#67
4-Bromophenyl-phenylether
Concen: 37.212 ng
RT: 16.606 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

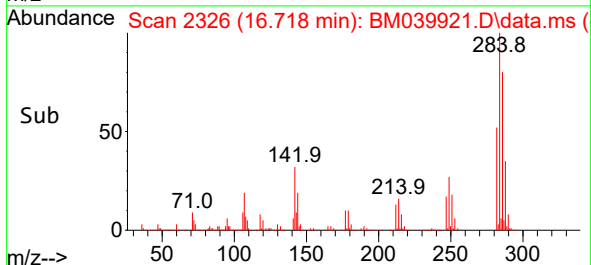
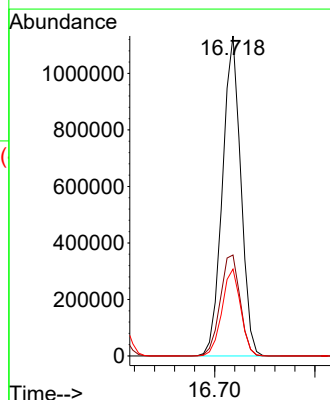
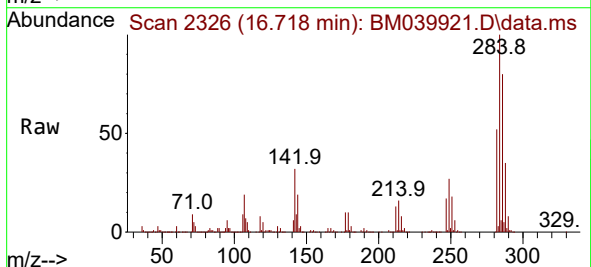
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

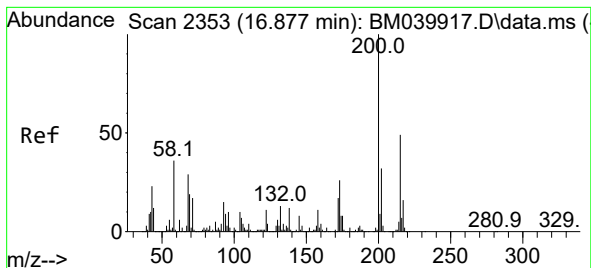
Tgt Ion:248 Resp: 1225305
Ion Ratio Lower Upper
248 100
250 98.3 77.2 115.8
141 69.7 54.2 81.4



#68
Hexachlorobenzene
Concen: 37.044 ng
RT: 16.718 min Scan# 2326
Delta R.T. 0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:284 Resp: 1436141
Ion Ratio Lower Upper
284 100
142 31.6 26.4 39.6
249 27.1 22.3 33.5





#69

Atrazine

Concen: 41.781 ng

RT: 16.877 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Instrument :

BNA_M

ClientSampleId :

ICVBM051223

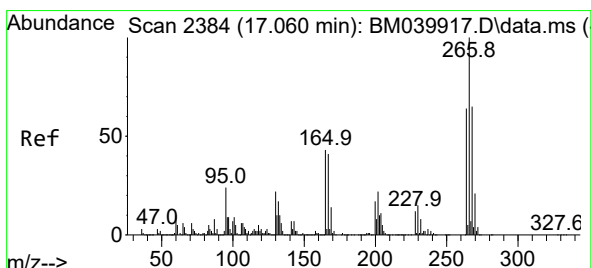
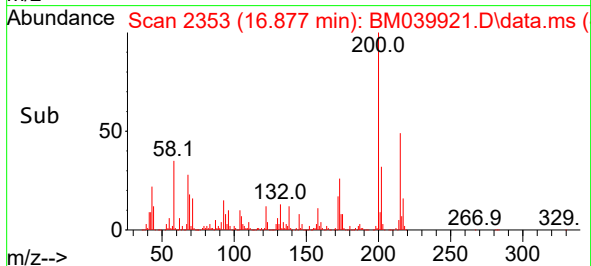
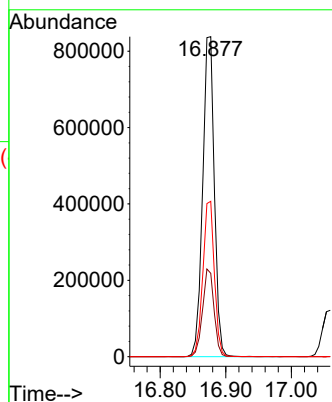
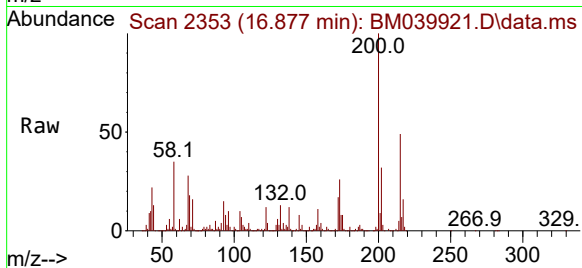
Tgt Ion:200 Resp: 1041201

Ion Ratio Lower Upper

200 100

173 26.0 6.1 46.1

215 48.6 28.9 68.9



#70

Pentachlorophenol

Concen: 38.597 ng

RT: 17.059 min Scan# 2384

Delta R.T. -0.001 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

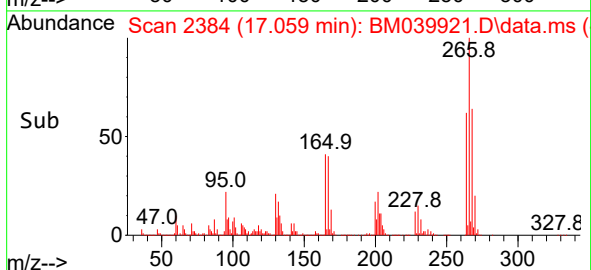
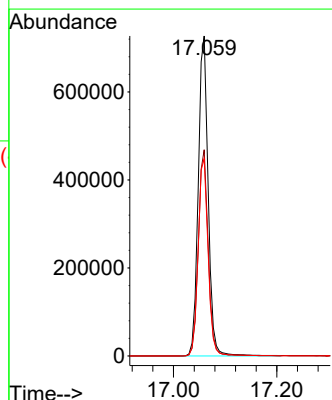
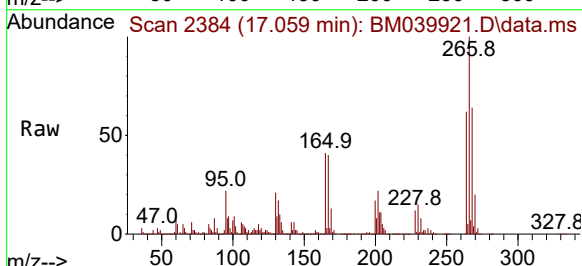
Tgt Ion:266 Resp: 967269

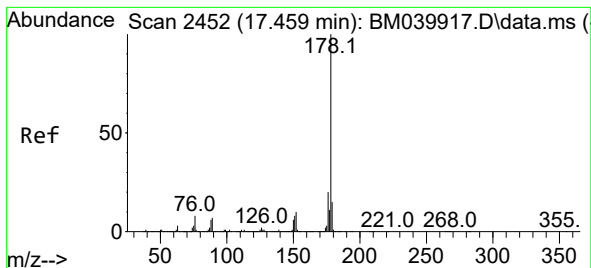
Ion Ratio Lower Upper

266 100

268 64.4 51.8 77.6

264 61.7 51.0 76.4





#71

Phenanthrene

Concen: 37.578 ng

RT: 17.459 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Instrument :

BNA_M

ClientSampleId :

ICVBM051223

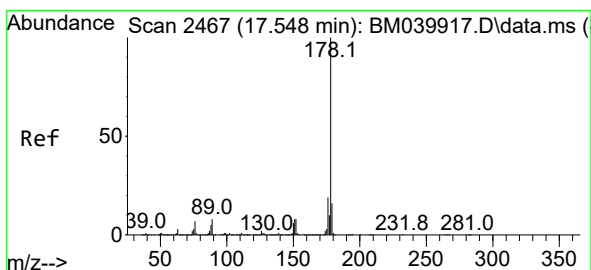
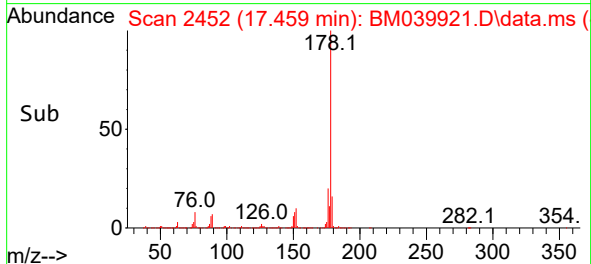
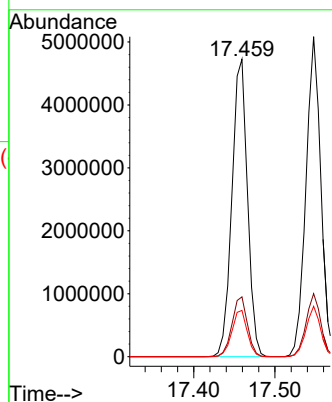
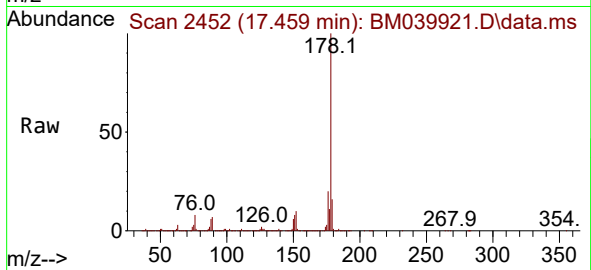
Tgt Ion:178 Resp: 6278060

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

179 15.5 12.3 18.5



#72

Anthracene

Concen: 38.784 ng

RT: 17.548 min Scan# 2467

Delta R.T. -0.000 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

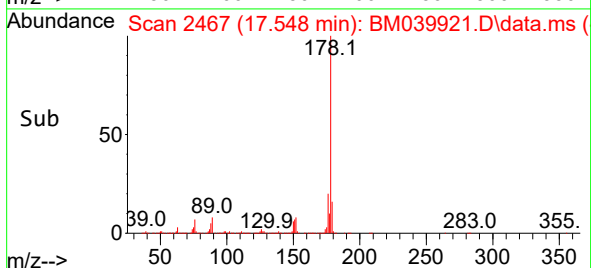
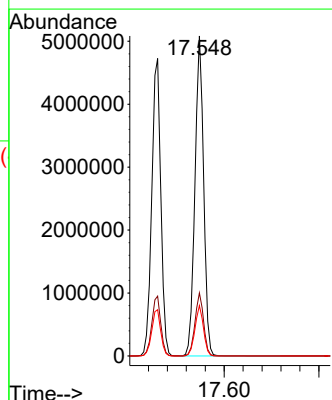
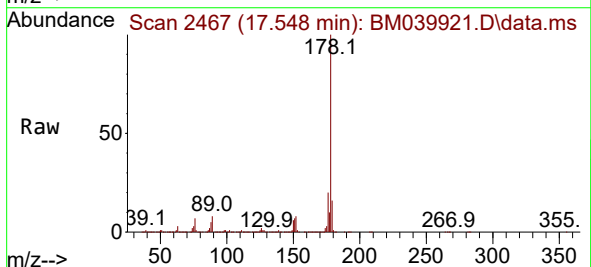
Tgt Ion:178 Resp: 6484395

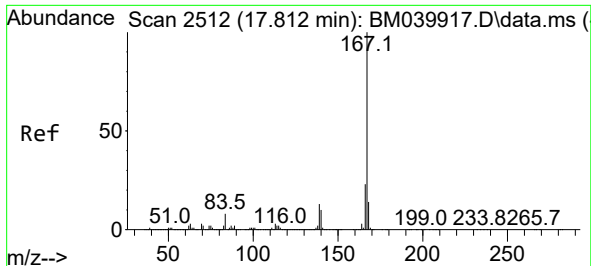
Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 15.7 12.4 18.6

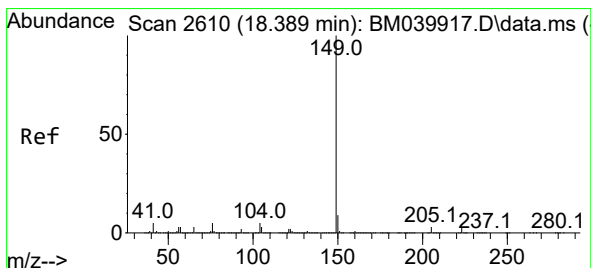
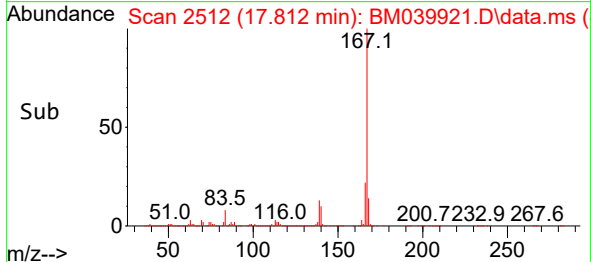
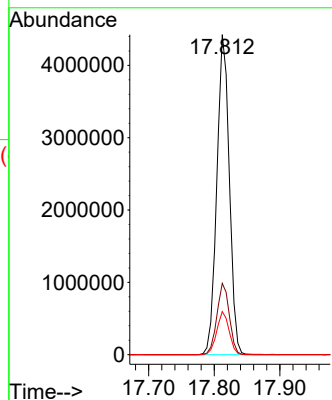
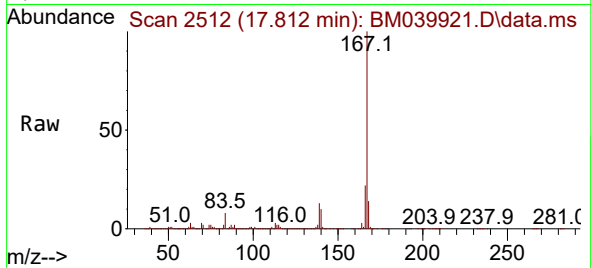




#73
 Carbazole
 Concen: 38.618 ng
 RT: 17.812 min Scan# 2512
 Delta R.T. -0.000 min
 Lab File: BM039921.D
 Acq: 12 May 2023 17:20

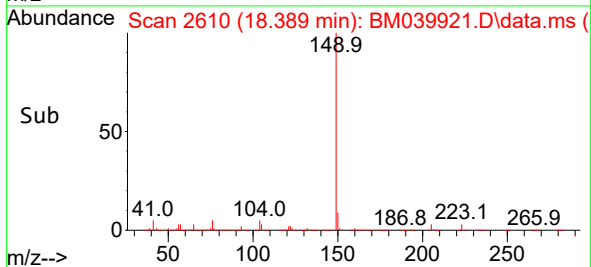
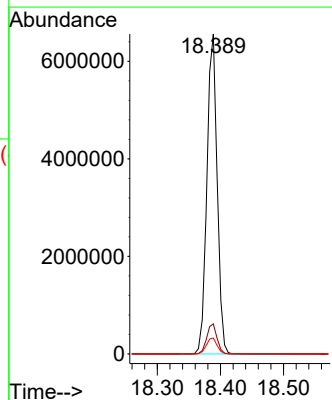
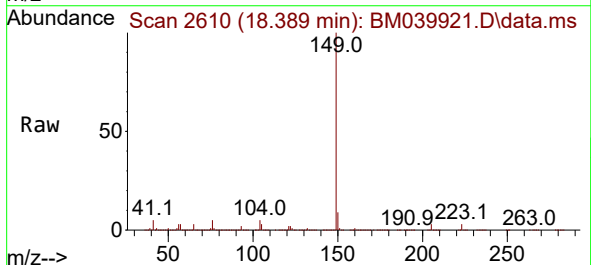
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM051223

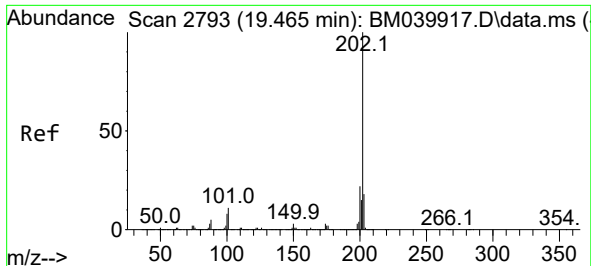
Tgt Ion:167 Resp: 5827424
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.4 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 43.602 ng
 RT: 18.389 min Scan# 2610
 Delta R.T. -0.000 min
 Lab File: BM039921.D
 Acq: 12 May 2023 17:20

Tgt Ion:149 Resp: 7417084
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.0 4.2 6.2

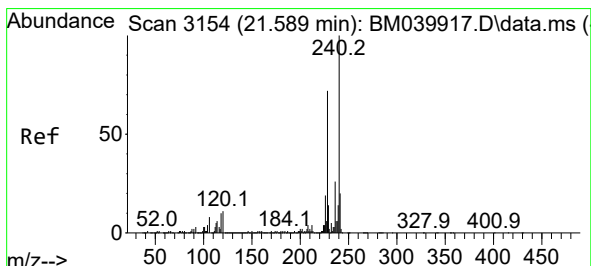
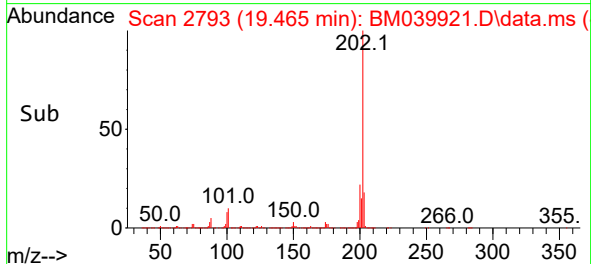
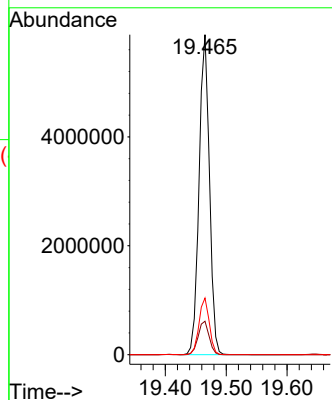
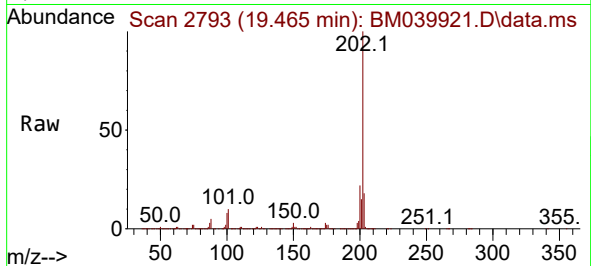




#75
Fluoranthene
Concen: 41.258 ng
RT: 19.465 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

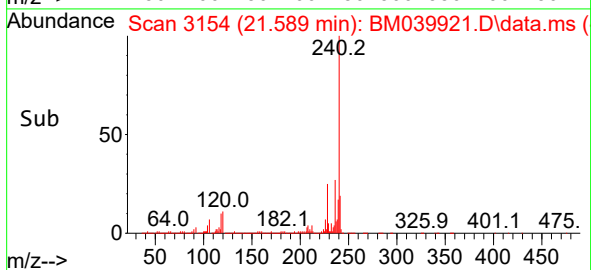
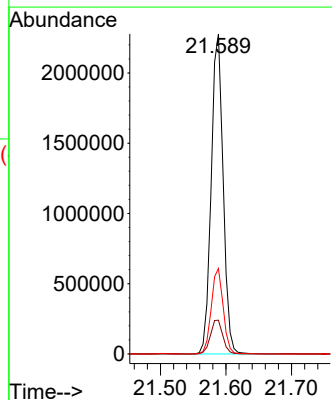
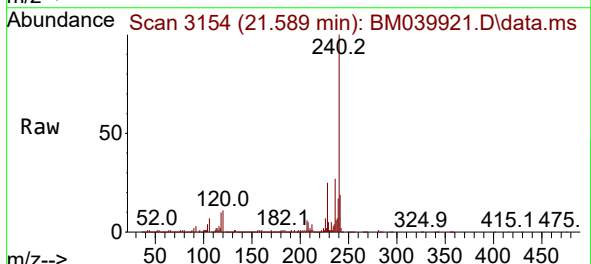
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

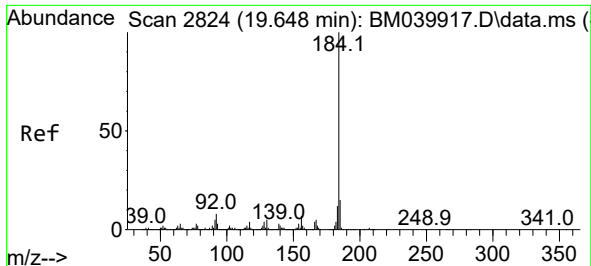
Tgt Ion:202 Resp: 6921777
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.6
203 17.7 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3154
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:240 Resp: 2882446
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.4
236 26.7 20.9 31.3

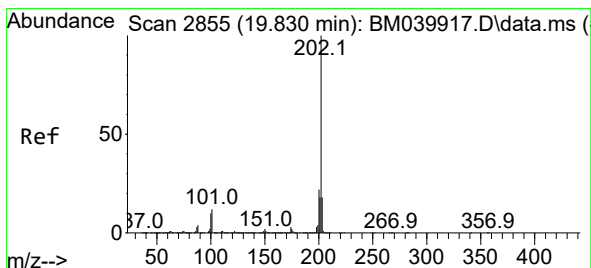
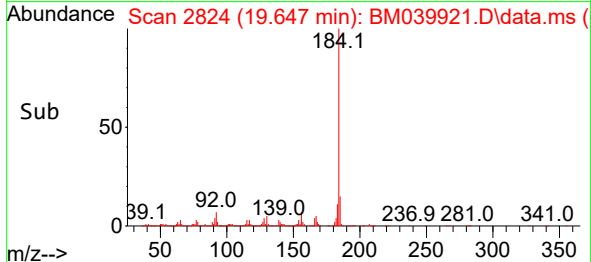
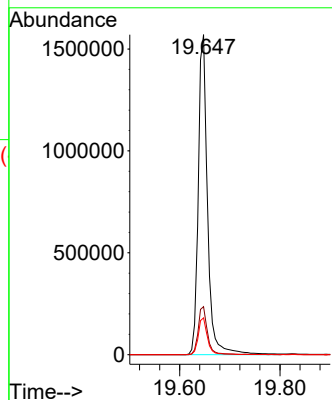
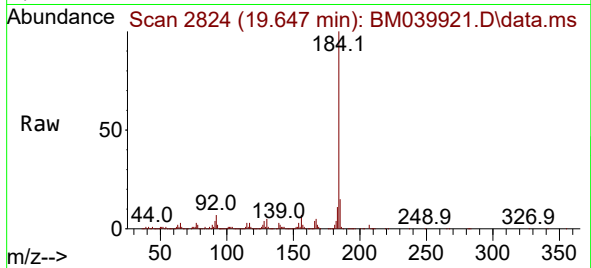




#77
Benzidine
Concen: 51.880 ng
RT: 19.647 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

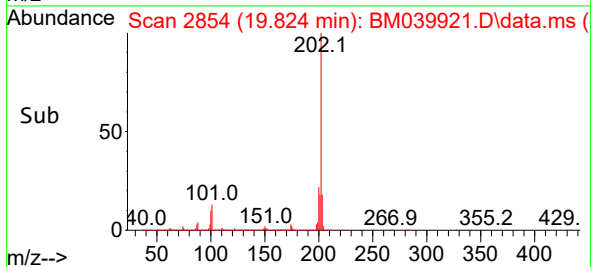
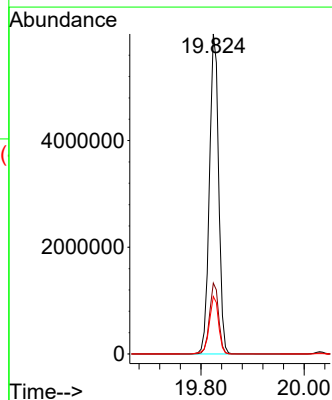
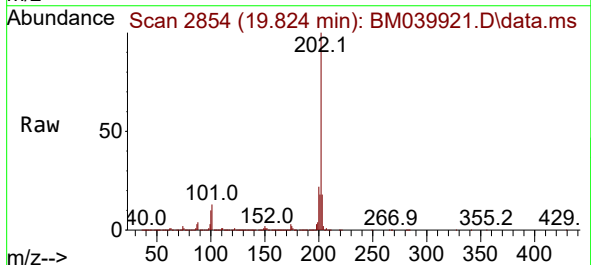
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

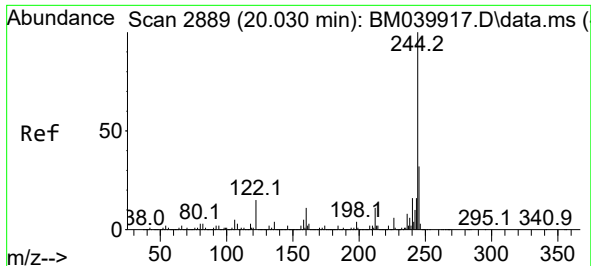
Tgt Ion:184 Resp: 2011105
Ion Ratio Lower Upper
184 100
185 15.0 12.1 18.1
183 11.5 9.5 14.3



#78
Pyrene
Concen: 36.232 ng
RT: 19.824 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:202 Resp: 7414137
Ion Ratio Lower Upper
202 100
200 22.2 17.6 26.4
203 17.9 14.2 21.2

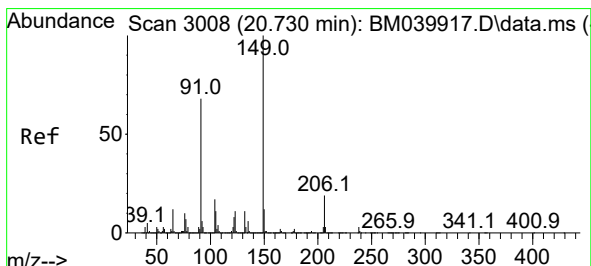
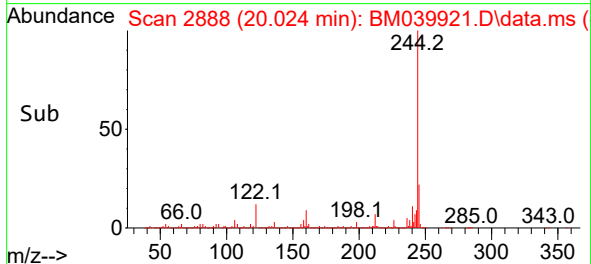
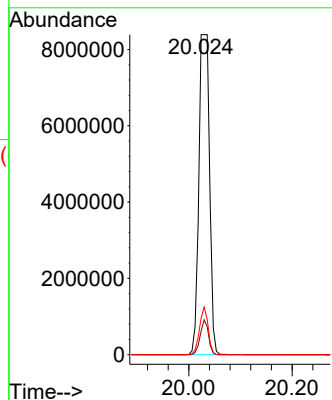
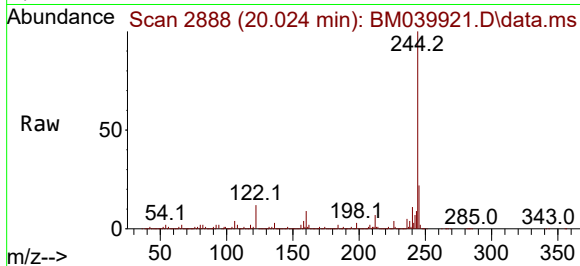




#79
 Terphenyl-d14
 Concen: 75.646 ng
 RT: 20.024 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039921.D
 Acq: 12 May 2023 17:20

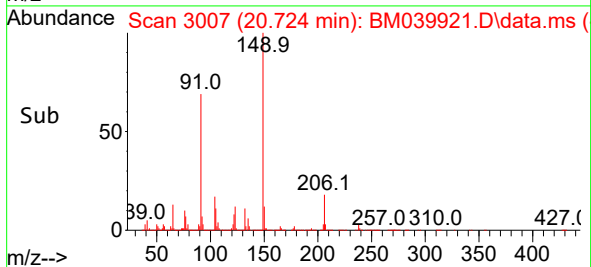
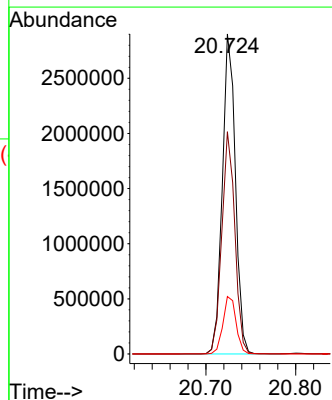
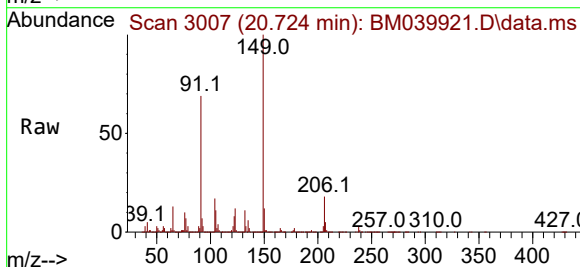
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM051223

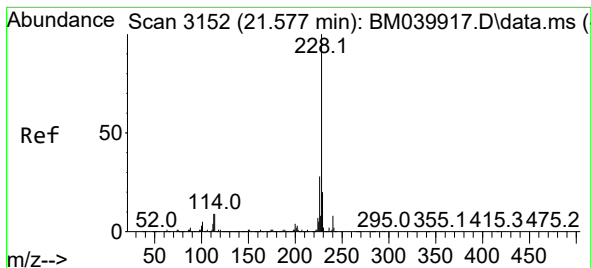
Tgt Ion:244 Resp:12047747
 Ion Ratio Lower Upper
 244 100
 212 7.4 8.5 12.7#
 122 11.5 12.1 18.1#



#80
 Butylbenzylphthalate
 Concen: 39.845 ng
 RT: 20.724 min Scan# 3007
 Delta R.T. -0.006 min
 Lab File: BM039921.D
 Acq: 12 May 2023 17:20

Tgt Ion:149 Resp: 2925327
 Ion Ratio Lower Upper
 149 100
 91 69.4 54.5 81.7
 206 18.0 14.9 22.3





#81

Benzo(a)anthracene

Concen: 38.122 ng

RT: 21.571 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Instrument :

BNA_M

ClientSampleId :

ICVBM051223

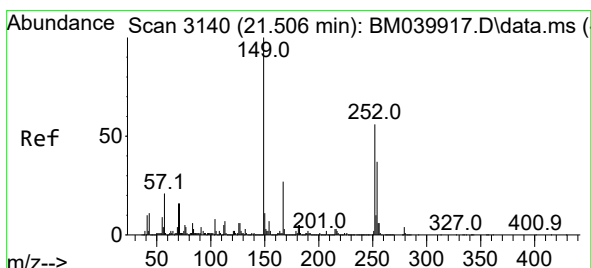
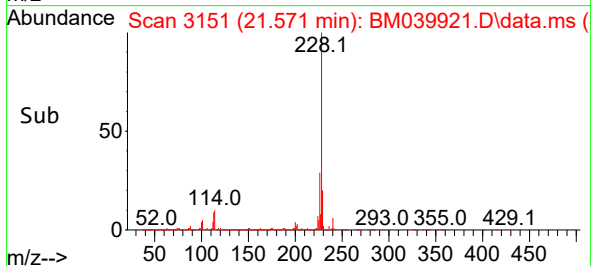
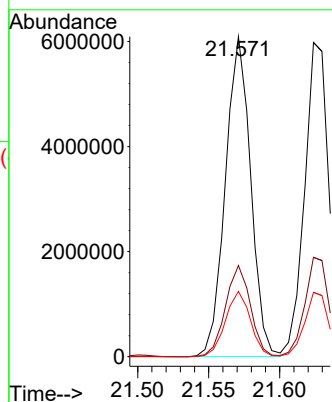
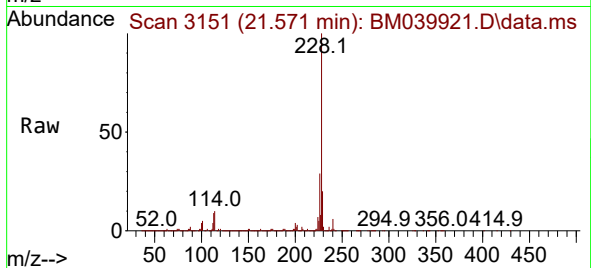
Tgt Ion:228 Resp: 7548804

Ion Ratio Lower Upper

228 100

226 28.5 22.6 34.0

229 20.4 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 38.730 ng

RT: 21.500 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

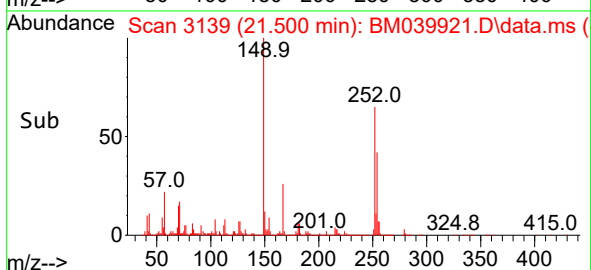
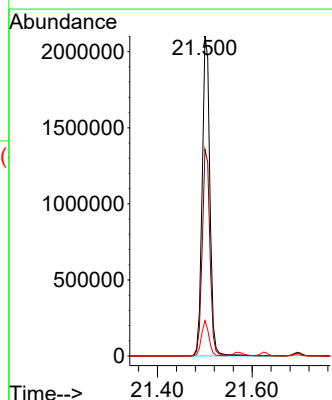
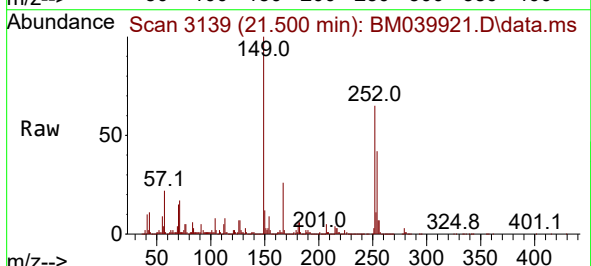
Tgt Ion:252 Resp: 2367433

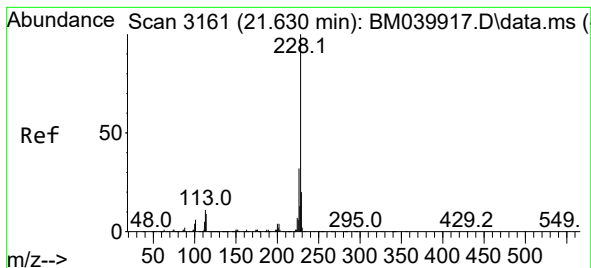
Ion Ratio Lower Upper

252 100

254 64.6 52.3 78.5

126 11.0 8.3 12.5





#83

Chrysene

Concen: 38.200 ng

RT: 21.624 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Instrument :

BNA_M

ClientSampleId :

ICVBM051223

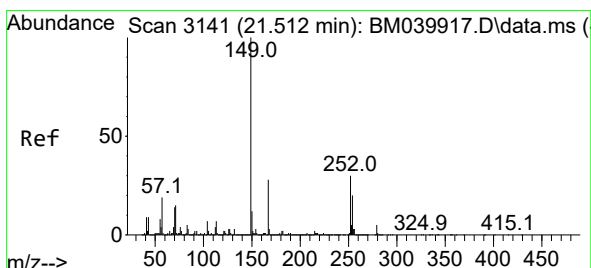
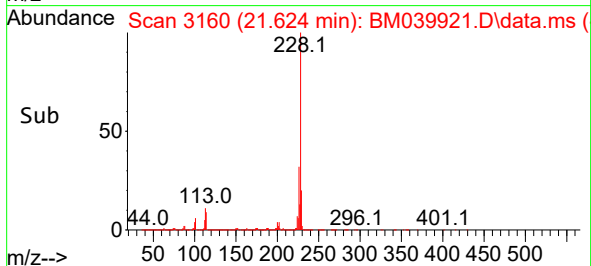
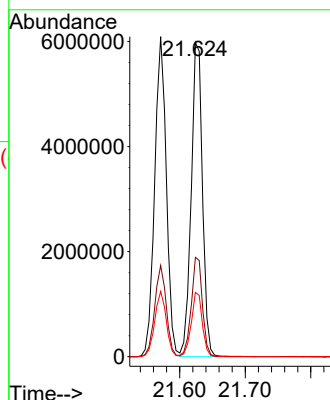
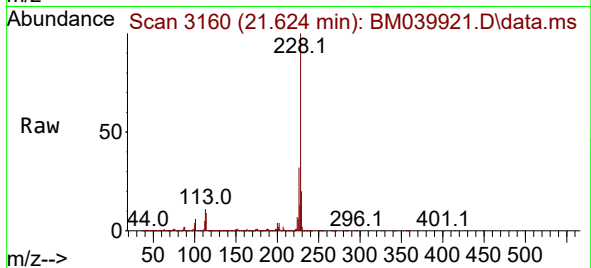
Tgt Ion:228 Resp: 7125500

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

229 20.5 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.516 ng

RT: 21.506 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

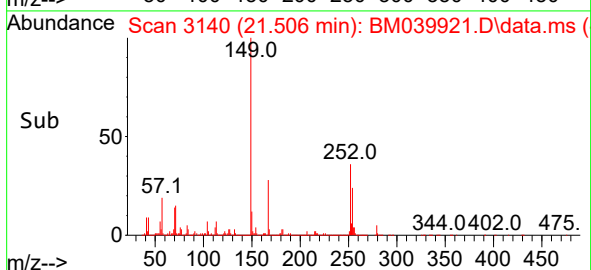
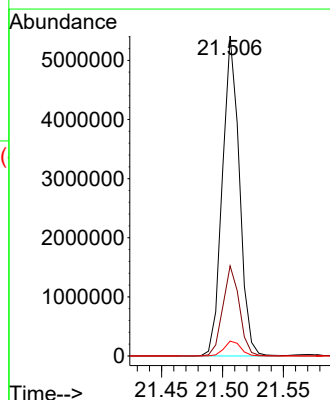
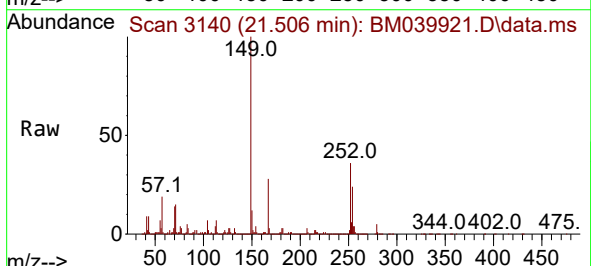
Tgt Ion:149 Resp: 5256400

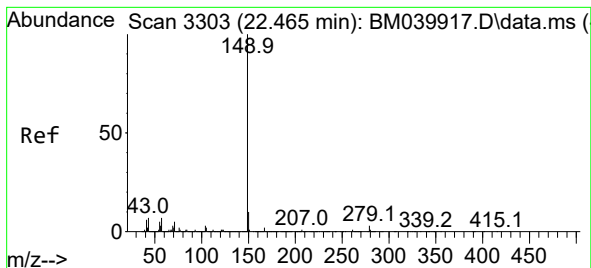
Ion Ratio Lower Upper

149 100

167 28.2 22.3 33.5

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 39.154 ng

RT: 22.459 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Instrument :

BNA_M

ClientSampleId :

ICVBM051223

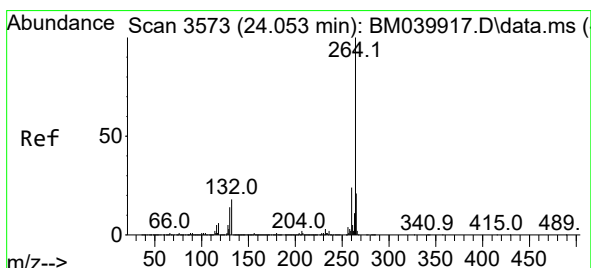
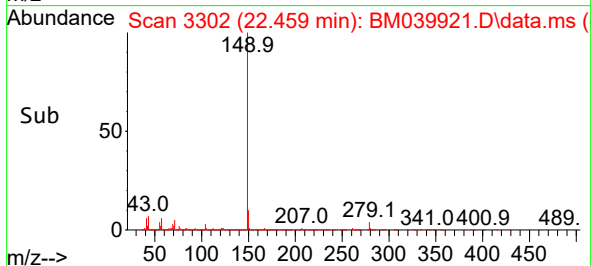
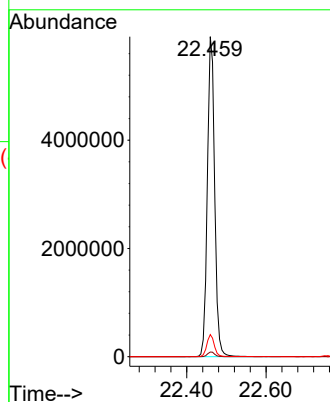
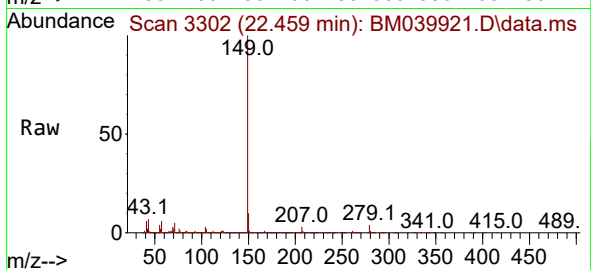
Tgt Ion:149 Resp: 7575932

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.1 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.047 min Scan# 3572

Delta R.T. -0.006 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

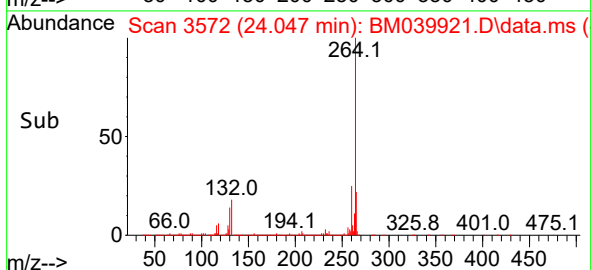
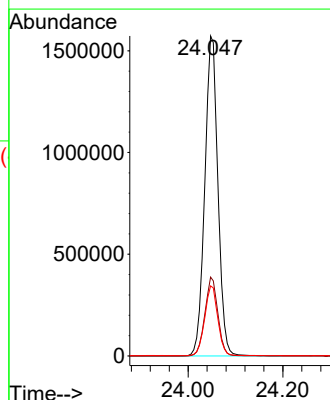
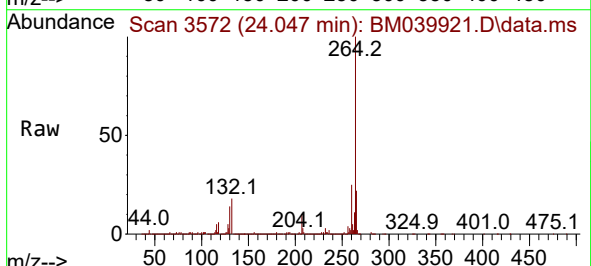
Tgt Ion:264 Resp: 3028594

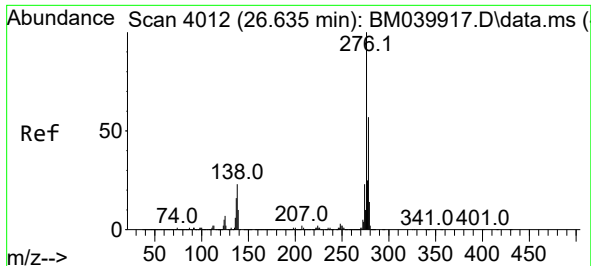
Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 21.9 17.2 25.8

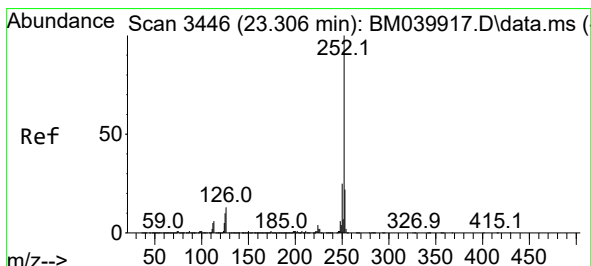
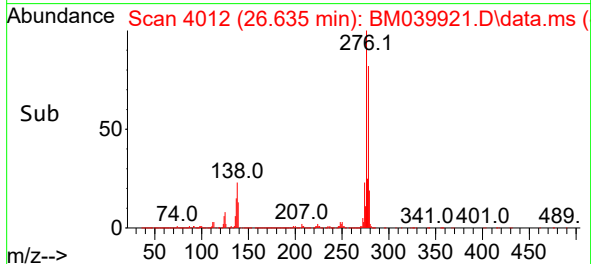
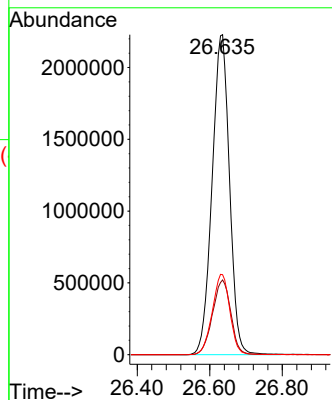
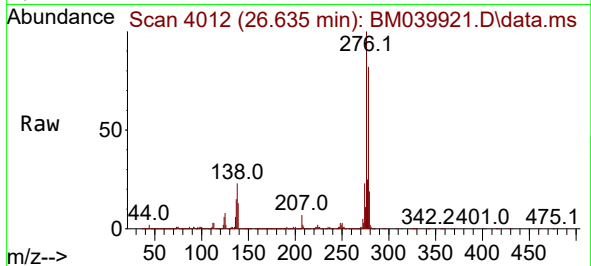




#87
Indeno(1,2,3-cd)pyrene
Concen: 34.566 ng
RT: 26.635 min Scan# 4012
Delta R.T. -0.000 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

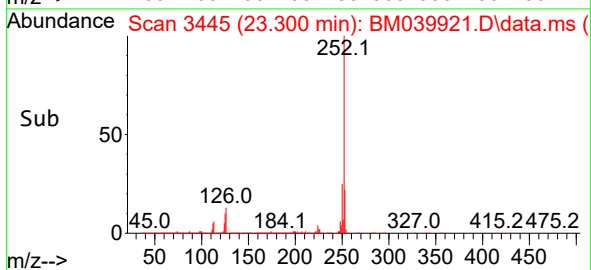
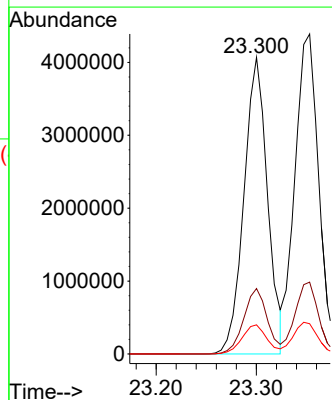
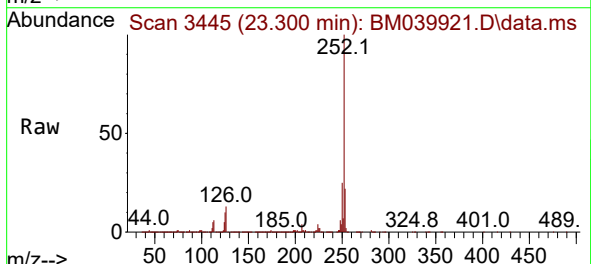
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

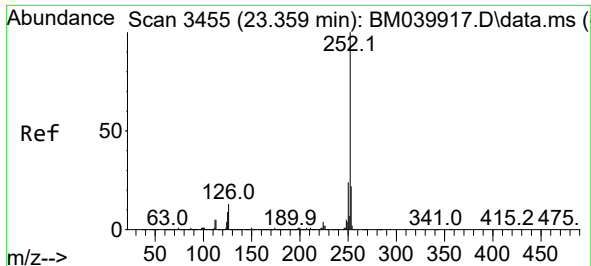
Tgt Ion:276 Resp: 7409941
Ion Ratio Lower Upper
276 100
138 24.6 19.8 29.8
277 25.4 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 33.586 ng
RT: 23.300 min Scan# 3445
Delta R.T. -0.006 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:252 Resp: 6642006
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 9.8 7.8 11.8

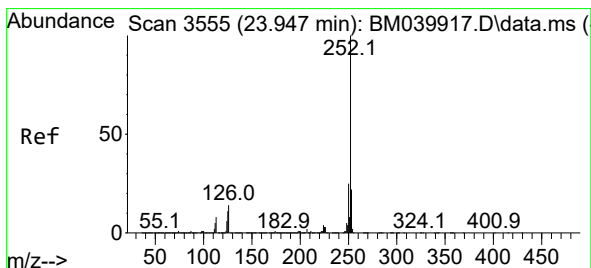
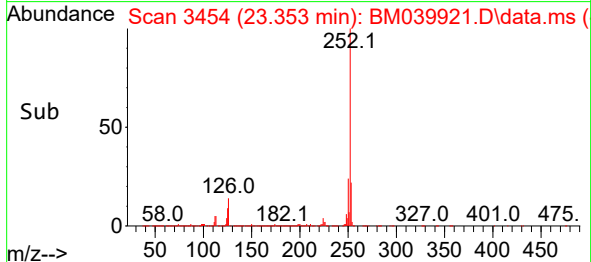
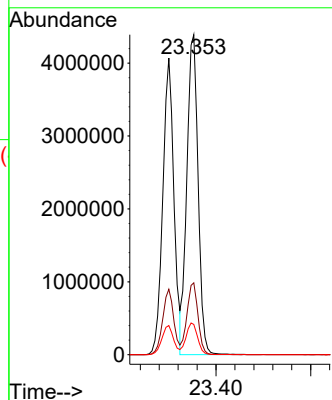
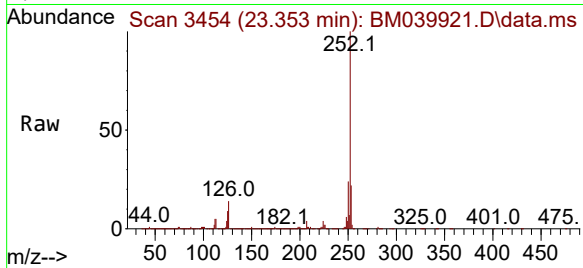




#89
Benzo(k)fluoranthene
Concen: 33.851 ng
RT: 23.353 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

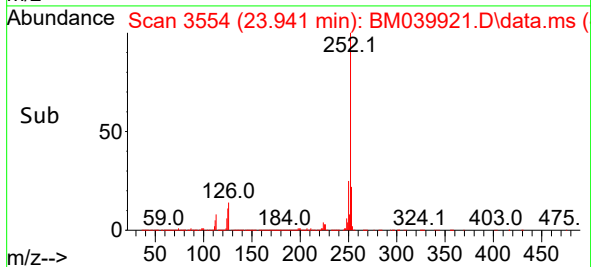
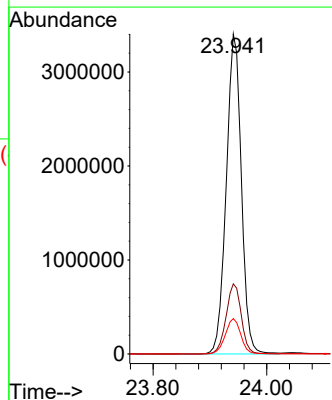
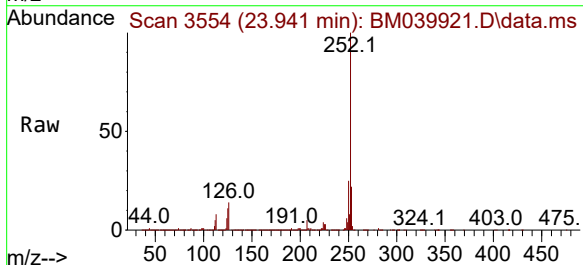
Instrument :
BNA_M
ClientSampleId :
ICVBM051223

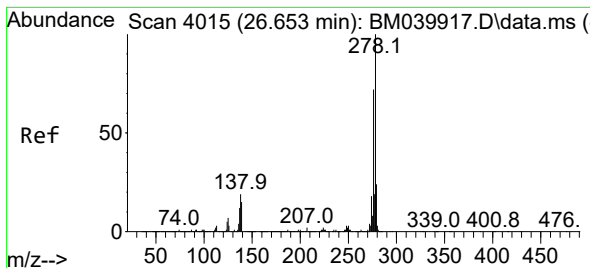
Tgt Ion:252 Resp: 7222238
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 9.5 7.5 11.3



#90
Benzo(a)pyrene
Concen: 34.381 ng
RT: 23.941 min Scan# 3554
Delta R.T. -0.006 min
Lab File: BM039921.D
Acq: 12 May 2023 17:20

Tgt Ion:252 Resp: 6284511
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 11.0 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 34.863 ng

RT: 26.647 min Scan# 4015

Delta R.T. -0.006 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Instrument :

BNA_M

ClientSampleId :

ICVBM051223

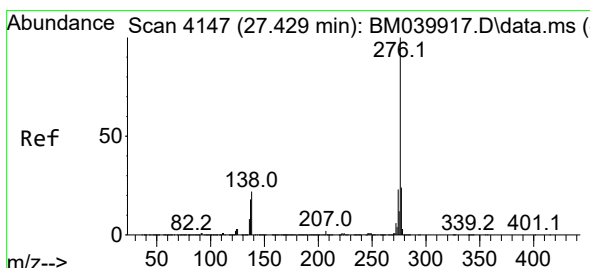
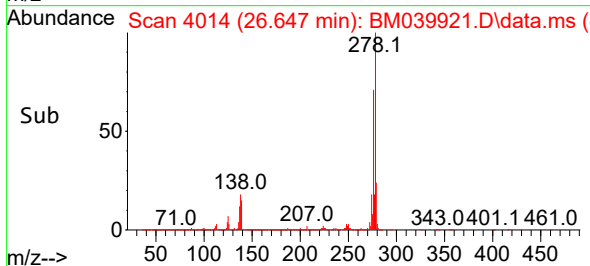
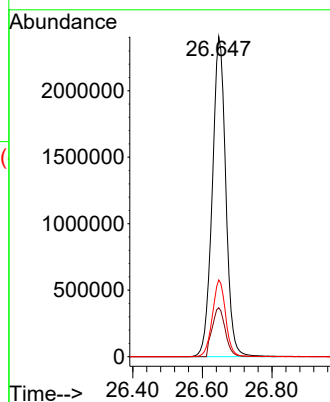
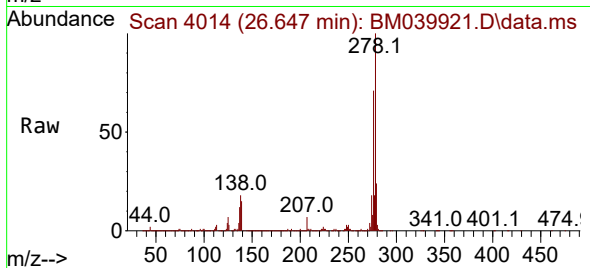
Tgt Ion:278 Resp: 6482562

Ion Ratio Lower Upper

278 100

139 15.3 12.2 18.4

279 24.0 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 33.618 ng

RT: 27.418 min Scan# 4145

Delta R.T. -0.012 min

Lab File: BM039921.D

Acq: 12 May 2023 17:20

Tgt Ion:276 Resp: 5383610

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 21.8 17.4 26.2

