

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
 Data File : BM044603.D
 Acq On : 13 Mar 2024 18:35
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031324

Quant Time: Mar 14 02:30:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 02:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	229344	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	924510	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	529080	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	1012509	20.000	ng	0.00
76) Chrysene-d12	21.297	240	875627	20.000	ng	0.00
86) Perylene-d12	23.550	264	1015451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1241298	77.710	ng	0.00
7) Phenol-d6	6.875	99	1544193	75.143	ng	0.00
23) Nitrobenzene-d5	8.863	82	1409228	73.434	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	463436	79.416	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2787610	72.563	ng	0.00
79) Terphenyl-d14	19.745	244	3767443	75.267	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	258978	38.573	ng	98
3) Pyridine	3.675	79	659960	35.545	ng	99
4) n-Nitrosodimethylamine	3.599	42	287873	38.688	ng	97
6) Aniline	7.045	93	970701	39.883	ng	99
8) 2-Chlorophenol	7.269	128	670062	42.115	ng	98
9) Benzaldehyde	6.863	77	407085	37.823	ng	95
10) Phenol	6.904	94	844903	41.168	ng	99
11) bis(2-Chloroethyl)ether	7.145	93	686525	40.970	ng	97
12) 1,3-Dichlorobenzene	7.587	146	733316	42.865	ng	99
13) 1,4-Dichlorobenzene	7.740	146	743539	43.124	ng	99
14) 1,2-Dichlorobenzene	8.045	146	706602	42.973	ng	99
15) Benzyl Alcohol	7.945	79	567387	41.996	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	924110	39.777	ng	99
17) 2-Methylphenol	8.140	107	545233	38.954	ng	100
18) Hexachloroethane	8.763	117	277054	43.465	ng	99
19) n-Nitroso-di-n-propyla...	8.516	70	511747	40.777	ng	99
20) 3+4-Methylphenols	8.469	107	743066	39.339	ng	96
22) Acetophenone	8.528	105	1007223	41.469	ng	98
24) Nitrobenzene	8.904	77	742388	39.135	ng	100
25) Isophorone	9.428	82	1391931	42.039	ng	99
26) 2-Nitrophenol	9.610	139	350298	42.794	ng	97
27) 2,4-Dimethylphenol	9.669	122	508270	35.308	ng	98
28) bis(2-Chloroethoxy)met...	9.916	93	882717	40.146	ng	99
29) 2,4-Dichlorophenol	10.134	162	575595	41.954	ng	98
30) 1,2,4-Trichlorobenzene	10.345	180	606494	41.553	ng	99
31) Naphthalene	10.533	128	2016920	39.752	ng	100
32) Benzoic acid	9.804	122	441219	39.129	ng	98
33) 4-Chloroaniline	10.657	127	835593	39.256	ng	99
34) Hexachlorobutadiene	10.804	225	336454	41.344	ng	96
35) Caprolactam	11.451	113	185873	41.999	ng	92
36) 4-Chloro-3-methylphenol	11.775	107	614912	40.844	ng	99
37) 2-Methylnaphthalene	12.151	142	1314437	38.169	ng	99
38) 1-Methylnaphthalene	12.375	142	1273132	39.667	ng	100
40) 1,2,4,5-Tetrachloroben...	12.522	216	615995	41.028	ng	100
41) Hexachlorocyclopentadiene	12.492	237	364480	42.613	ng	100
43) 2,4,6-Trichlorophenol	12.769	196	419156	41.344	ng	99

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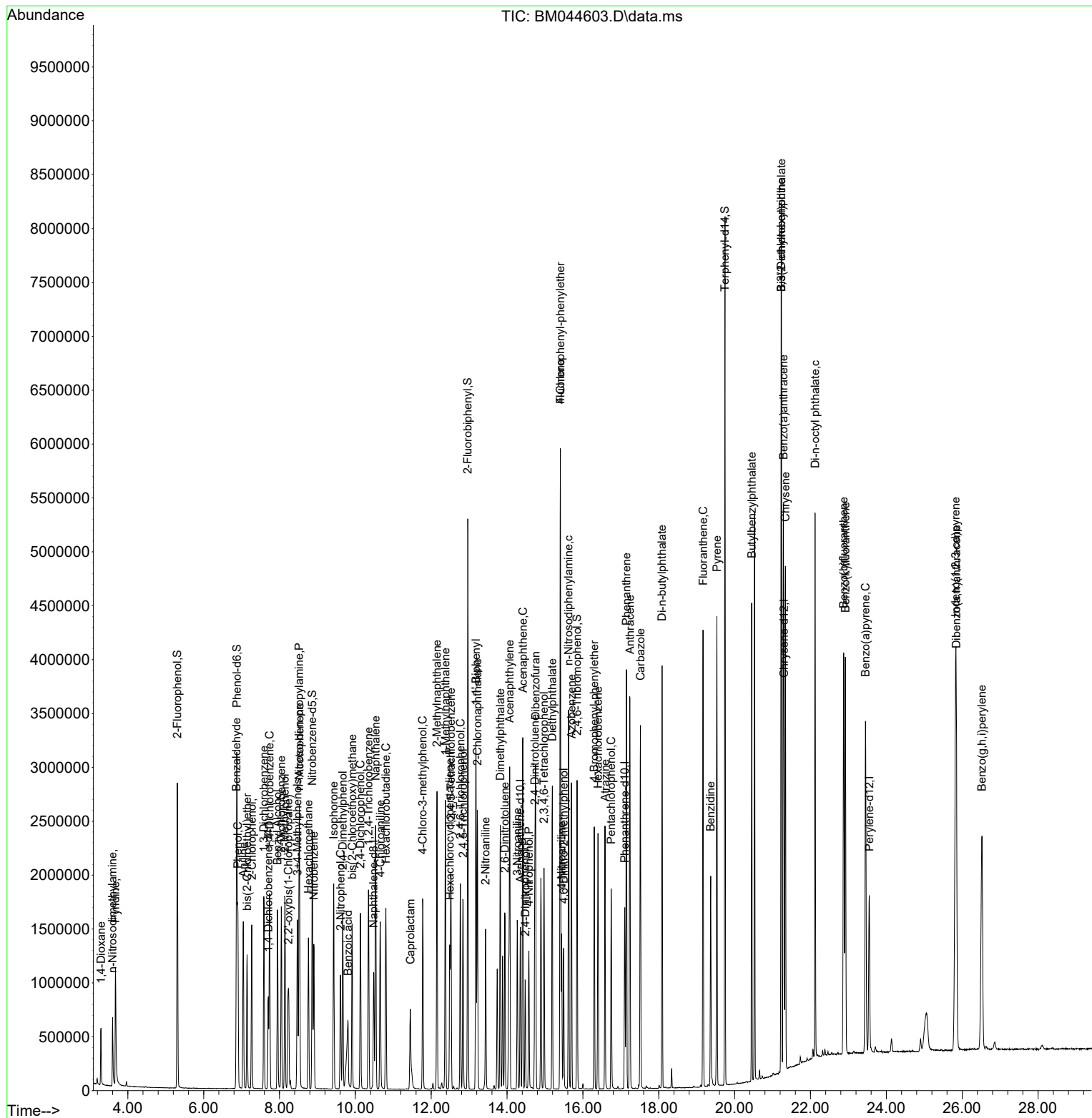
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	452422	37.662	ng	98
46) 1,1'-Biphenyl	13.180	154	1685262	40.726	ng	99
47) 2-Chloronaphthalene	13.216	162	1270586	41.523	ng	99
48) 2-Nitroaniline	13.433	65	411438	39.628	ng	98
49) Acenaphthylene	14.069	152	2097723	42.083	ng	99
50) Dimethylphthalate	13.822	163	1530785	38.682	ng	100
51) 2,6-Dinitrotoluene	13.945	165	332084	40.297	ng	94
52) Acenaphthene	14.416	154	1181395	39.206	ng	99
53) 3-Nitroaniline	14.269	138	390576	40.475	ng	100
54) 2,4-Dinitrophenol	14.480	184	200003	39.513	ng	95
55) Dibenzofuran	14.751	168	1854979	38.788	ng	99
56) 4-Nitrophenol	14.574	139	326357	41.179	ng	93
57) 2,4-Dinitrotoluene	14.733	165	439630	40.828	ng	99
58) Fluorene	15.404	166	1456783	39.116	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.974	232	372033	39.889	ng	99
60) Diethylphthalate	15.192	149	1552228	38.747	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	681396	38.112	ng	99
62) 4-Nitroaniline	15.439	138	396470	41.130	ng	97
63) Azobenzene	15.698	77	1596848	38.561	ng	98
65) 4,6-Dinitro-2-methylph...	15.492	198	245174	38.612	ng	98
66) n-Nitrosodiphenylamine	15.621	169	1256243	39.810	ng	99
67) 4-Bromophenyl-phenylether	16.298	248	408653	39.020	ng	94
68) Hexachlorobenzene	16.398	284	476702	42.820	ng	96
69) Atrazine	16.586	200	391323	39.686	ng	98
70) Pentachlorophenol	16.745	266	300867	37.571	ng	99
71) Phenanthrene	17.145	178	2234644	39.938	ng	99
72) Anthracene	17.239	178	2259058	40.255	ng	100
73) Carbazole	17.515	167	2148209	40.644	ng	100
74) Di-n-butylphthalate	18.086	149	2791371	40.986	ng	100
75) Fluoranthene	19.168	202	2482353	39.687	ng	98
77) Benzidine	19.368	184	1082825	47.847	ng	99
78) Pyrene	19.533	202	2602731	40.556	ng	100
80) Butylbenzylphthalate	20.450	149	1223539	42.303	ng	97
81) Benzo(a)anthracene	21.286	228	2469701	40.536	ng	99
82) 3,3'-Dichlorobenzidine	21.227	252	913405	43.530	ng	99
83) Chrysene	21.339	228	2256259	38.755	ng	99
84) Bis(2-ethylhexyl)phtha...	21.233	149	1839208	42.209	ng	99
85) Di-n-octyl phthalate	22.121	149	3243996	42.920	ng	99
87) Indeno(1,2,3-cd)pyrene	25.827	276	2993871	40.784	ng	100
88) Benzo(b)fluoranthene	22.874	252	2531653	42.424	ng	99
89) Benzo(k)fluoranthene	22.921	252	2368340	38.605	ng	99
90) Benzo(a)pyrene	23.450	252	2225530	38.236	ng	100
91) Dibenzo(a,h)anthracene	25.844	278	2520475	40.727	ng	99
92) Benzo(g,h,i)perylene	26.521	276	2424090	39.791	ng	99

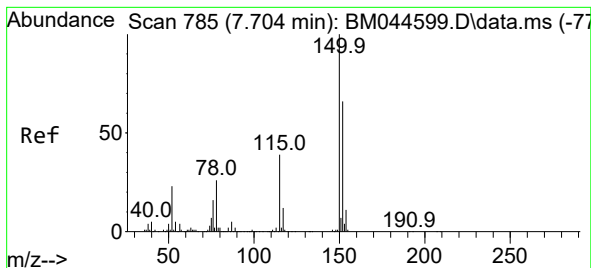
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.704 min Scan# 7

Delta R.T. 0.000 min

Lab File: BM044603.D

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Instrument :

BNA_M

ClientSampleId :

ICVBM031324

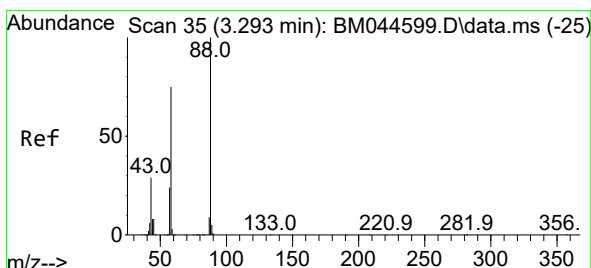
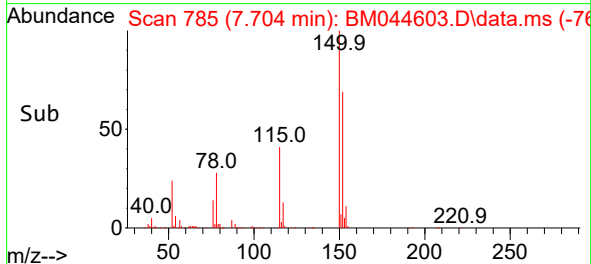
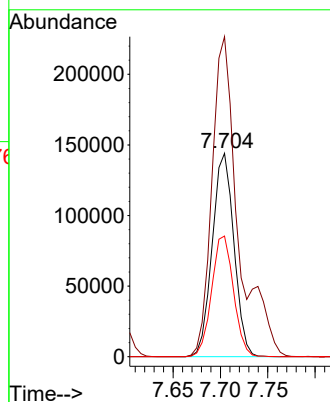
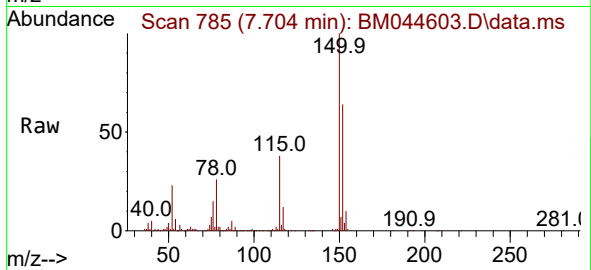
Tgt Ion:152 Resp: 229344

Ion Ratio Lower Upper

152 100

150 157.4 121.9 182.9

115 59.3 47.1 70.7



#2

1,4-Dioxane

Concen: 38.573 ng

RT: 3.293 min Scan# 35

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

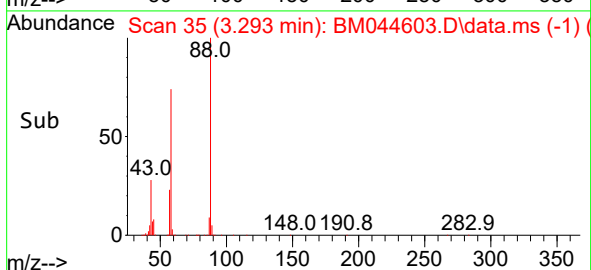
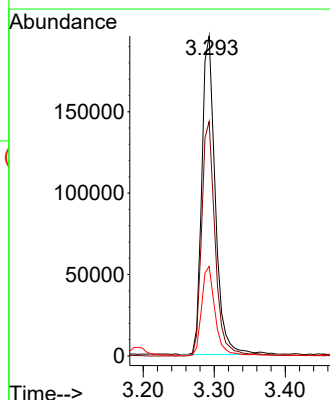
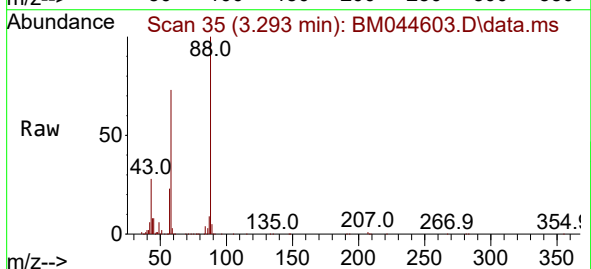
Tgt Ion: 88 Resp: 258978

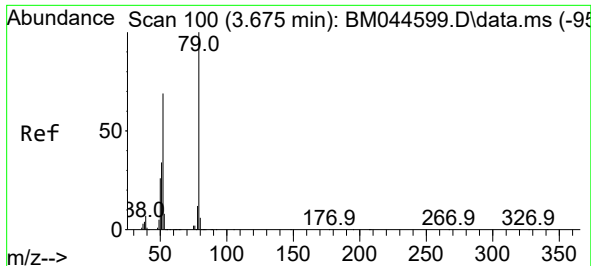
Ion Ratio Lower Upper

88 100

58 74.0 60.2 90.2

43 27.7 23.5 35.3

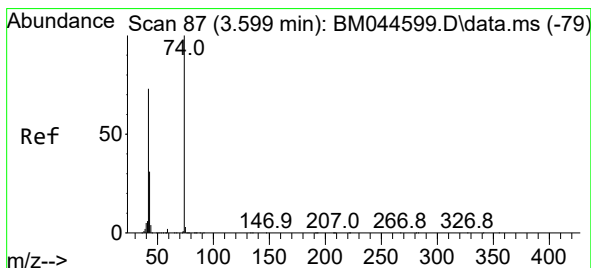
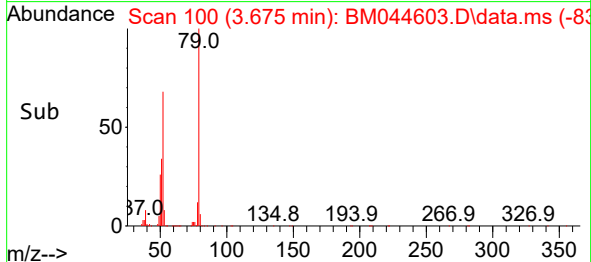
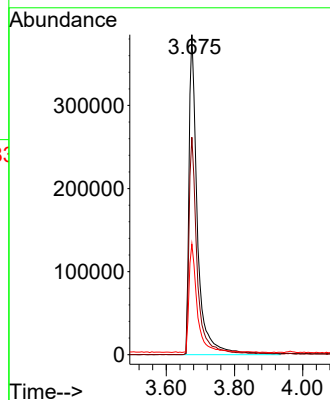
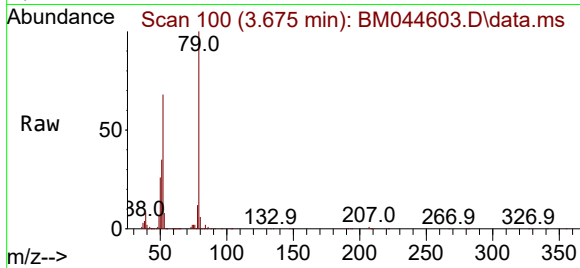




#3
Pyridine
Concen: 35.545 ng
RT: 3.675 min Scan# 100
Delta R.T. 0.000 min
Lab File: BM044603.D
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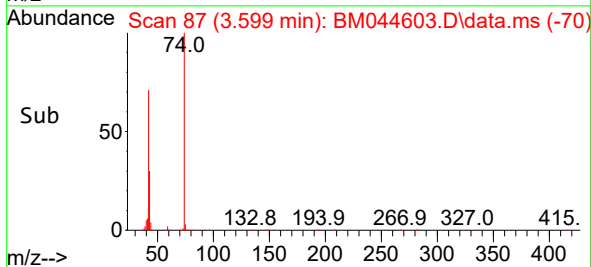
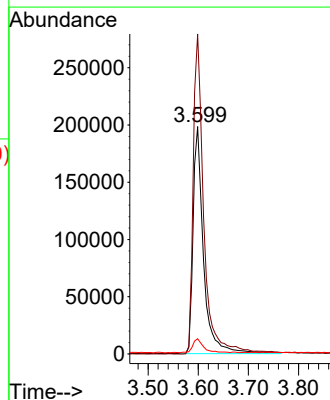
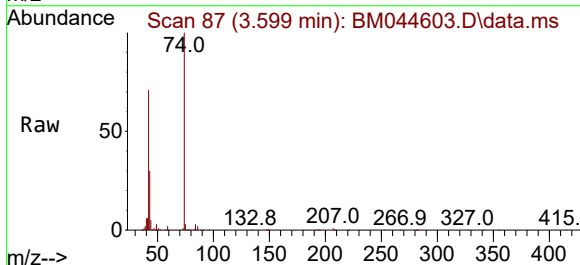
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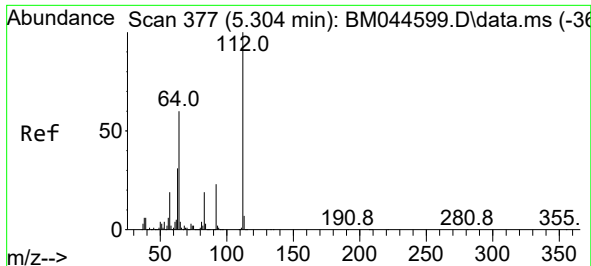
Tgt Ion: 79 Resp: 659960
Ion Ratio Lower Upper
79 100
52 68.0 55.5 83.3
51 34.6 27.7 41.5



#4
n-Nitrosodimethylamine
Concen: 38.688 ng
RT: 3.599 min Scan# 87
Delta R.T. 0.000 min
Lab File: BM044603.D
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Tgt Ion: 42 Resp: 287873
Ion Ratio Lower Upper
42 100
74 140.8 109.7 164.5
44 6.7 5.4 8.0

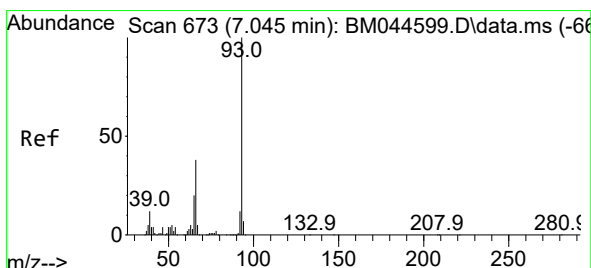
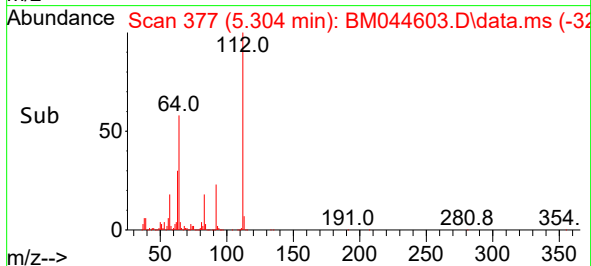
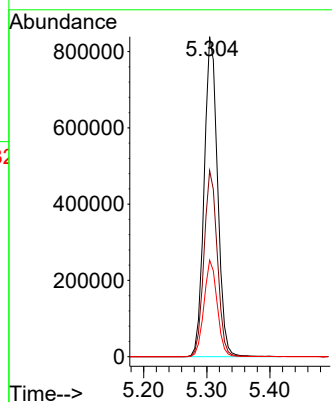
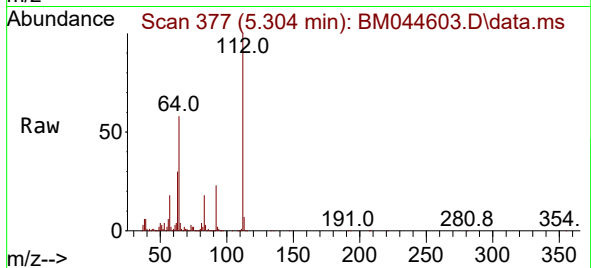




#5
2-Fluorophenol
Concen: 77.710 ng
RT: 5.304 min Scan# 377
Delta R.T. 0.000 min
Lab File: BM044603.D
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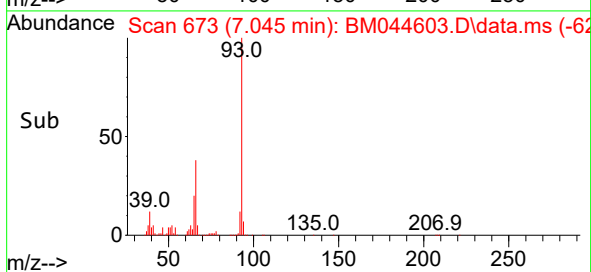
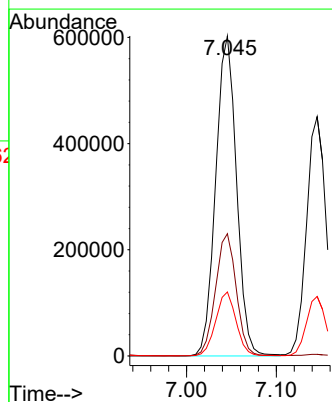
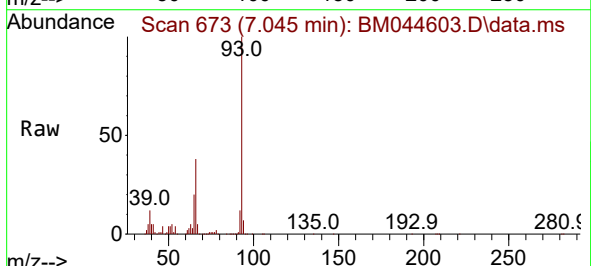
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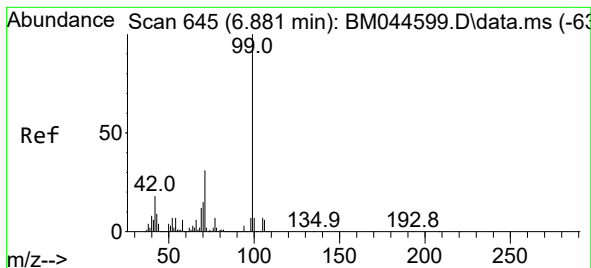
Tgt Ion:112 Resp: 1241298
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 30.2 25.0 37.4



#6
Aniline
Concen: 39.883 ng
RT: 7.045 min Scan# 673
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion: 93 Resp: 970701
Ion Ratio Lower Upper
93 100
66 38.2 30.3 45.5
65 20.0 15.7 23.5

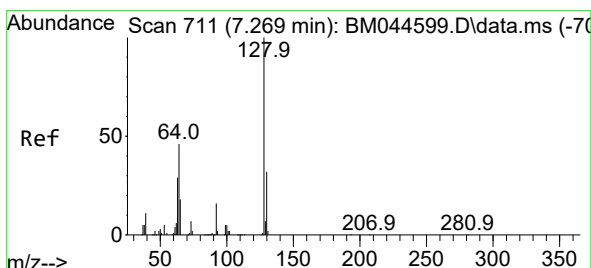
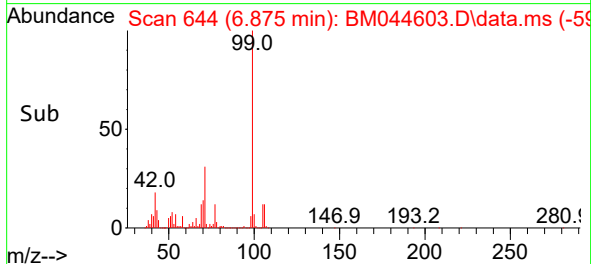
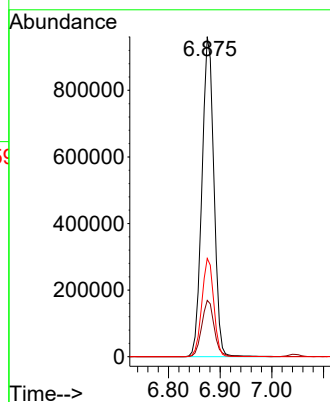
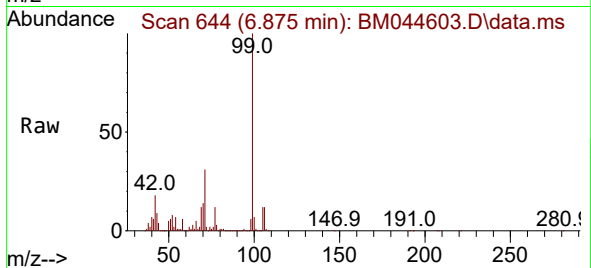




#7
Phenol-d6
Concen: 75.143 ng
RT: 6.875 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM044603.D
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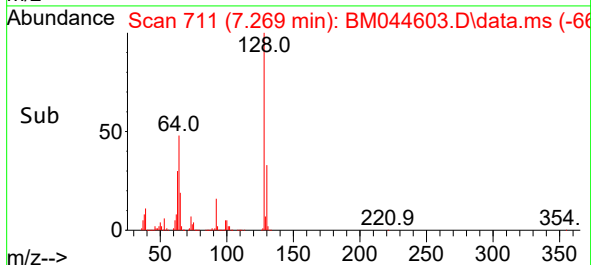
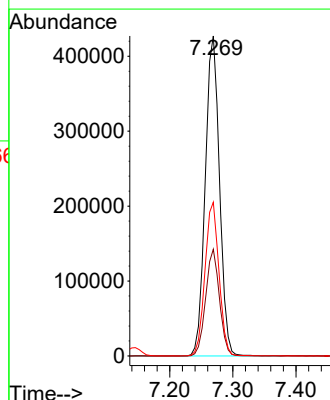
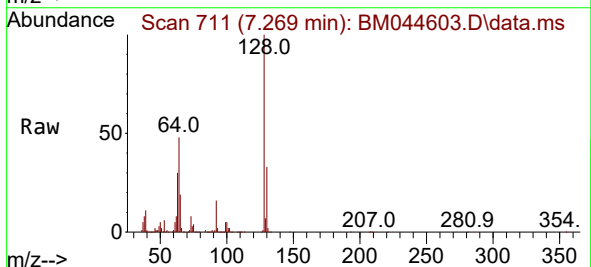
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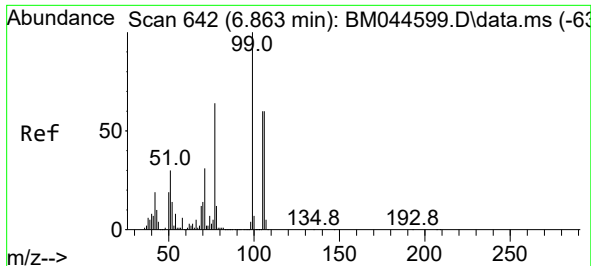
Tgt Ion: 99 Resp: 1544193
Ion Ratio Lower Upper
99 100
42 17.6 14.3 21.5
71 30.7 24.5 36.7



#8
2-Chlorophenol
Concen: 42.115 ng
RT: 7.269 min Scan# 711
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion:128 Resp: 670062
Ion Ratio Lower Upper
128 100
130 33.4 12.4 52.4
64 48.0 29.4 69.4

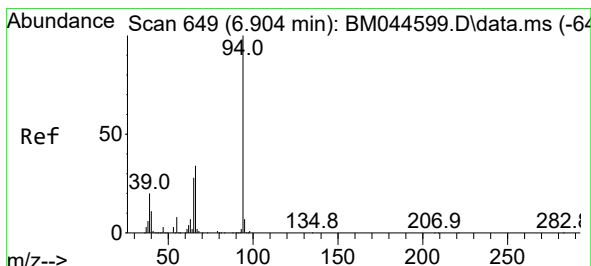
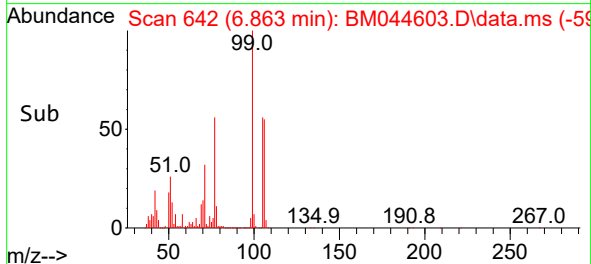
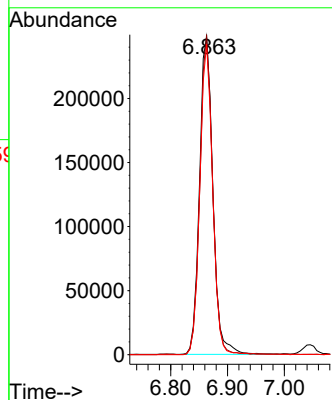
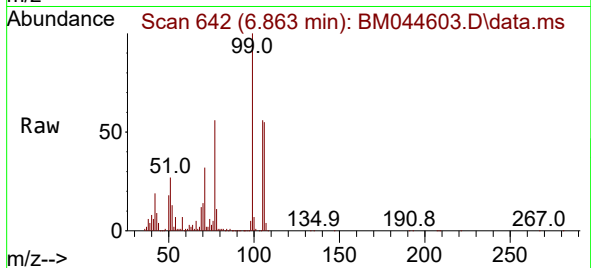




#9
Benzaldehyde
Concen: 37.823 ng
RT: 6.863 min Scan# 642
Delta R.T. 0.000 min
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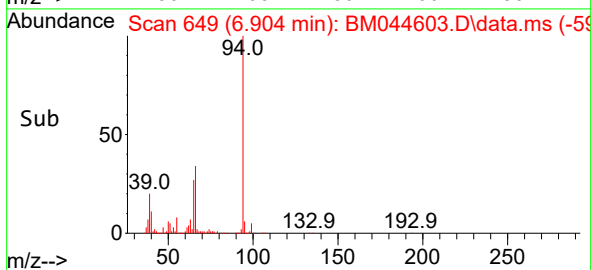
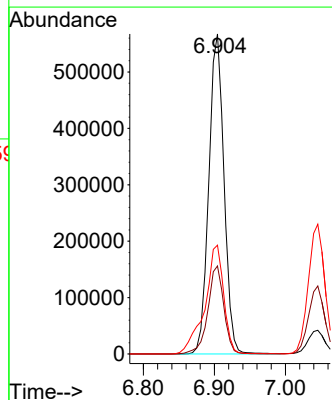
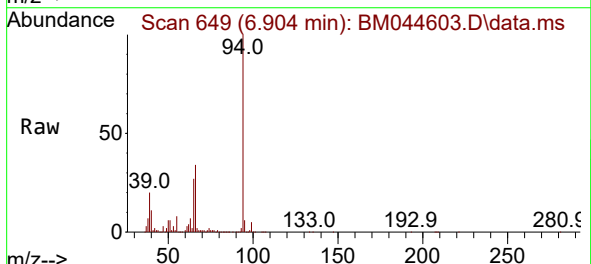
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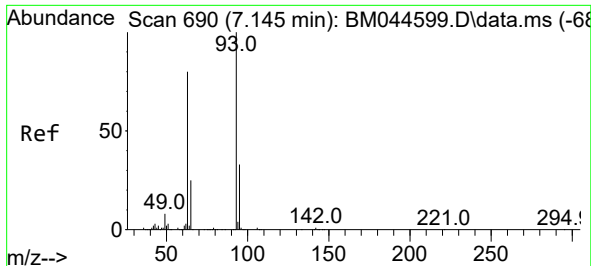
Tgt Ion: 77 Resp: 407085
Ion Ratio Lower Upper
77 100
105 100.7 74.4 114.4
106 97.8 74.1 114.1



#10
Phenol
Concen: 41.168 ng
RT: 6.904 min Scan# 649
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 844903
Ion Ratio Lower Upper
94 100
65 27.5 7.9 47.9
66 34.0 14.7 54.7

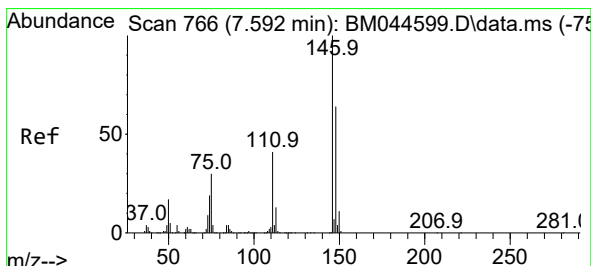
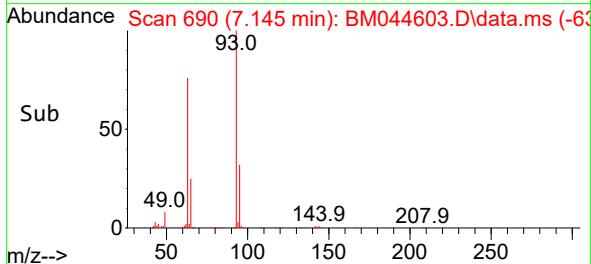
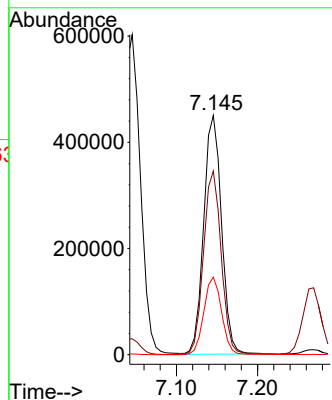
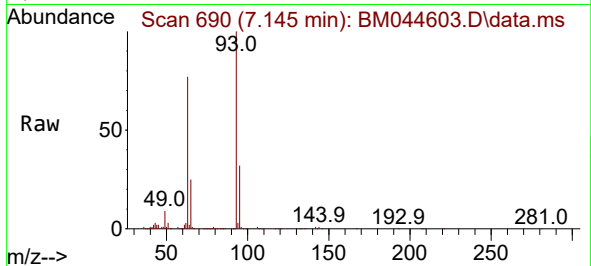




#11
bis(2-Chloroethyl)ether
Concen: 40.970 ng
RT: 7.145 min Scan# 690
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

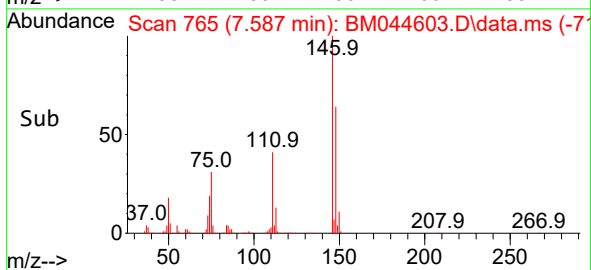
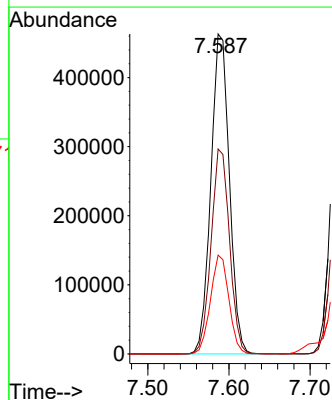
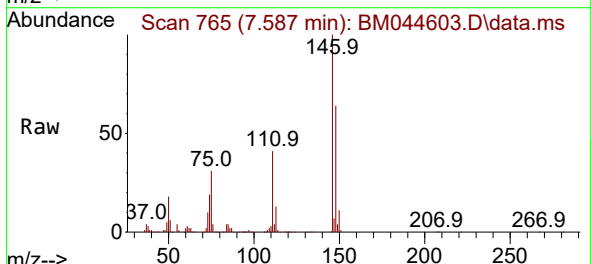
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

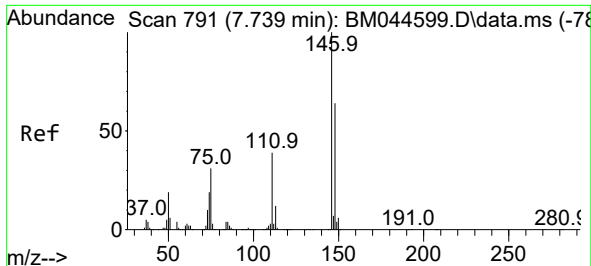
Tgt Ion: 93 Resp: 686525
Ion Ratio Lower Upper
93 100
63 76.7 59.8 99.8
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.865 ng
RT: 7.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion: 146 Resp: 733316
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
75 30.9 24.1 36.1

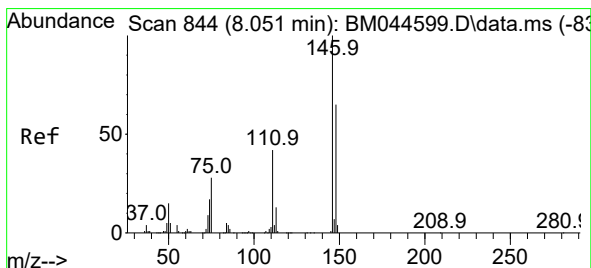
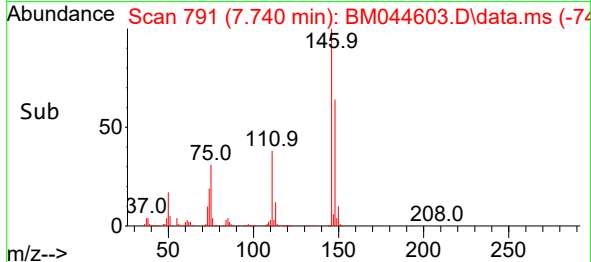
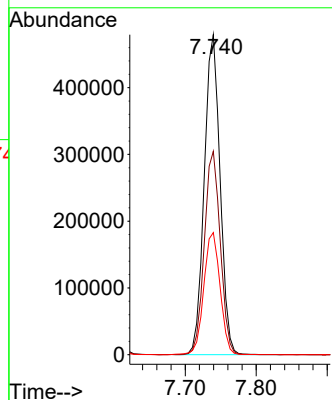
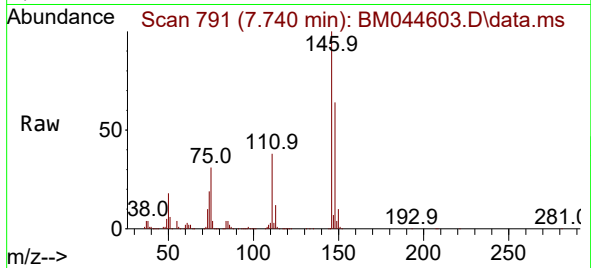




#13
1,4-Dichlorobenzene
Concen: 43.124 ng
RT: 7.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

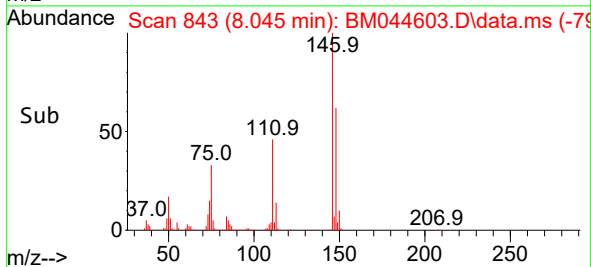
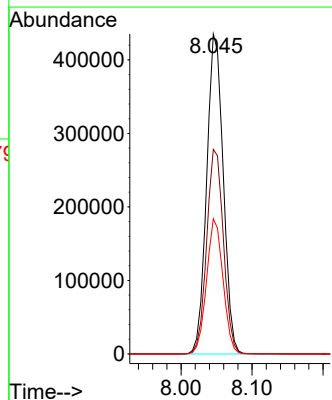
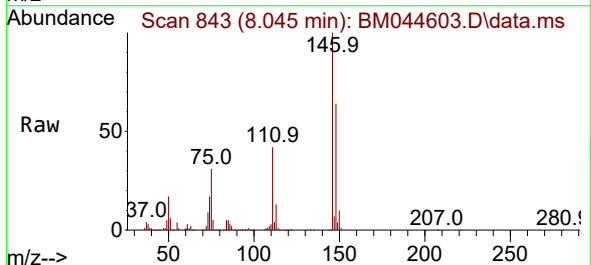
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

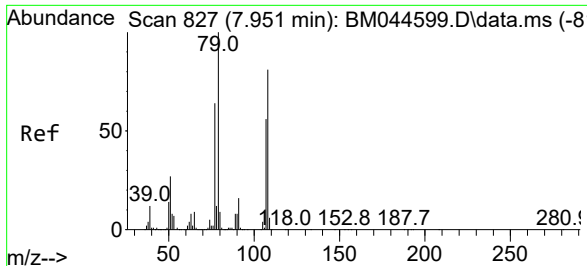
Tgt Ion:146 Resp: 743539
Ion Ratio Lower Upper
146 100
148 63.5 51.5 77.3
111 38.1 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 42.973 ng
RT: 8.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion:146 Resp: 706602
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
111 42.2 33.4 50.2

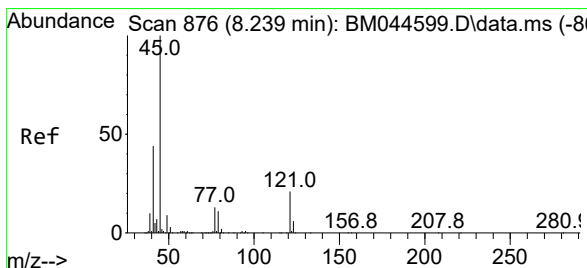
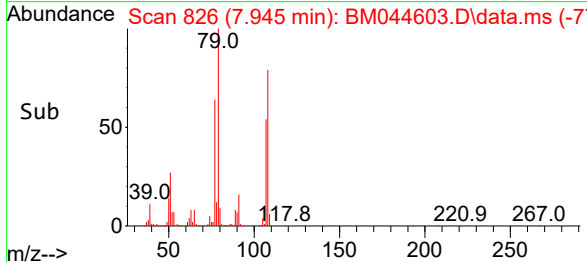
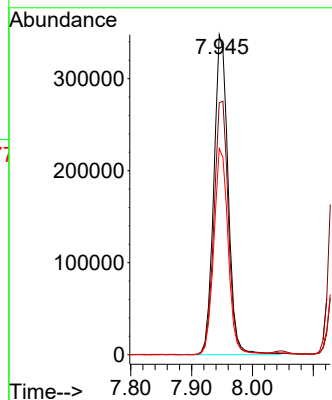
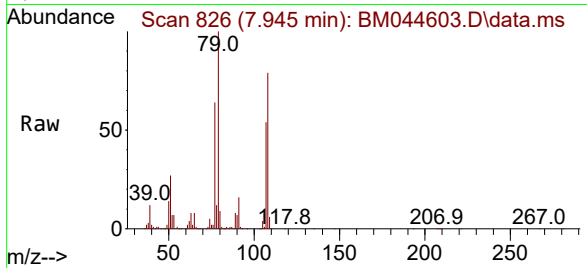




#15
Benzyl Alcohol
Concen: 41.996 ng
RT: 7.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

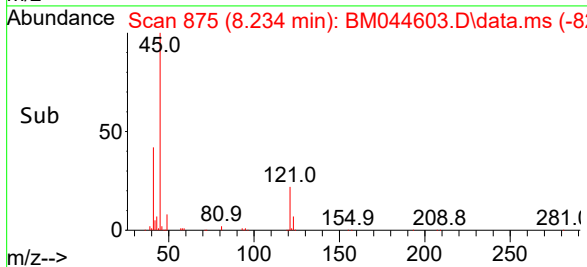
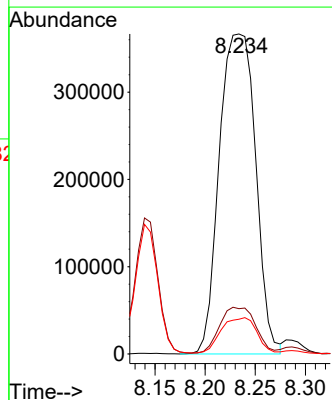
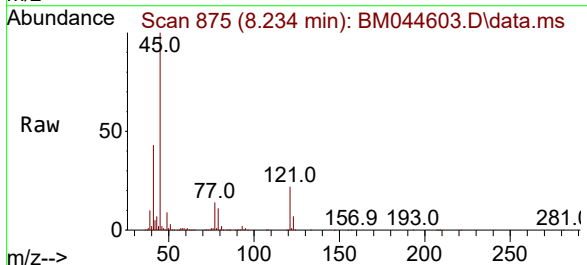
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

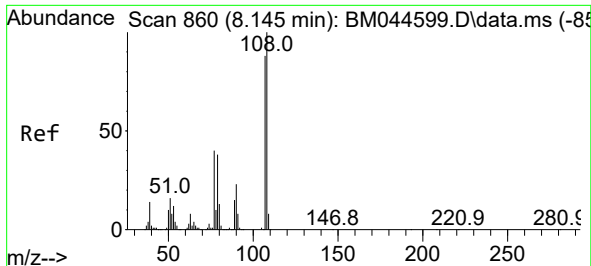
Tgt Ion: 79 Resp: 567387
Ion Ratio Lower Upper
79 100
108 78.7 65.0 97.6
77 64.4 51.7 77.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.777 ng
RT: 8.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion: 45 Resp: 924110
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.7
79 10.9 0.0 31.2

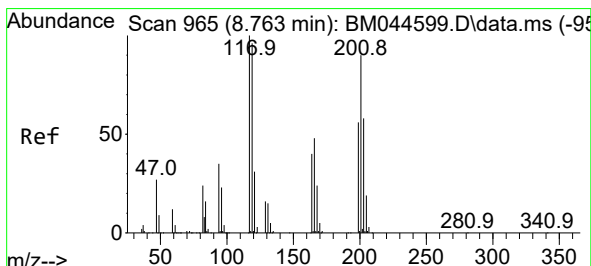
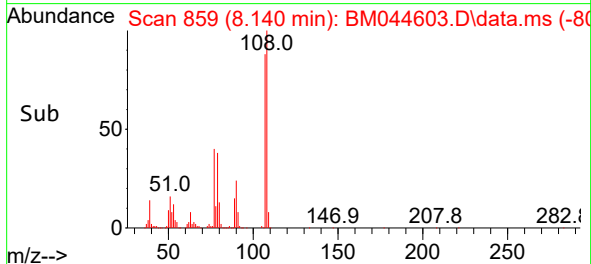
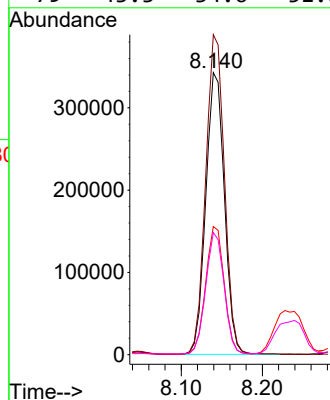
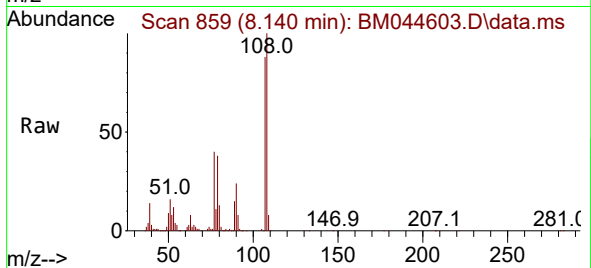




#17
2-Methylphenol
Concen: 38.954 ng
RT: 8.140 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

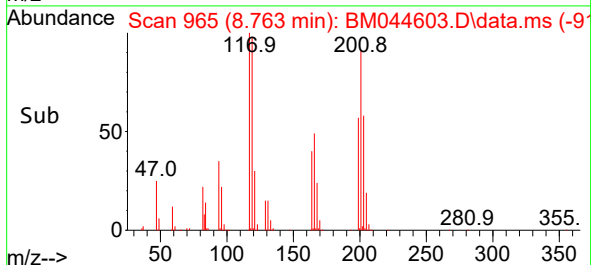
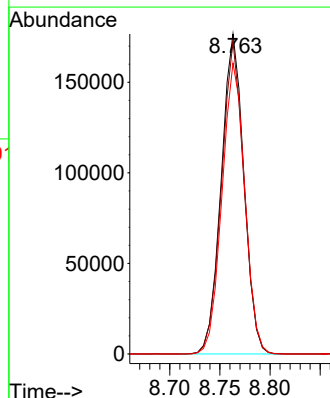
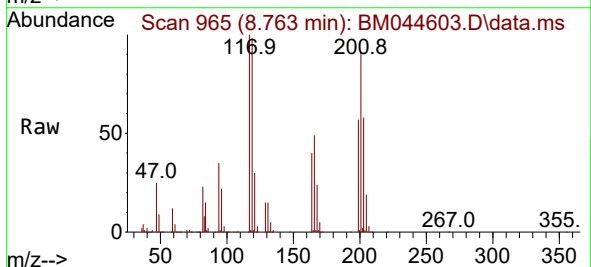
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

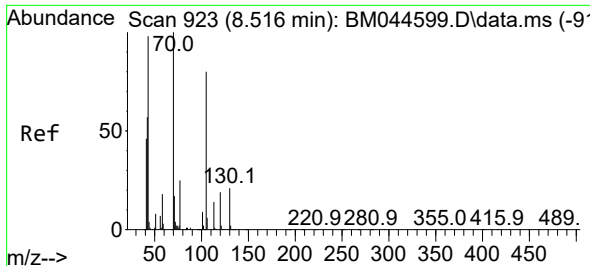
Tgt Ion:107 Resp: 545233
Ion Ratio Lower Upper
107 100
108 113.4 90.7 136.1
77 45.4 36.2 54.2
79 43.3 34.6 51.8



#18
Hexachloroethane
Concen: 43.465 ng
RT: 8.763 min Scan# 965
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion:117 Resp: 277054
Ion Ratio Lower Upper
117 100
119 97.6 76.8 115.2
201 90.9 72.3 108.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.777 ng

RT: 8.516 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

Tgt Ion: 70 Resp: 511747

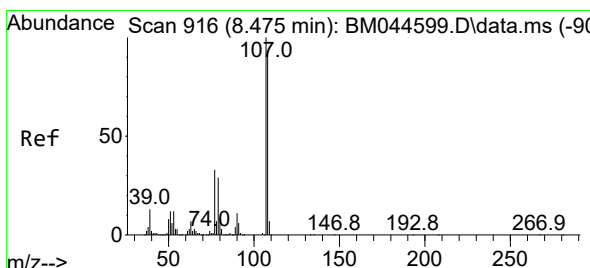
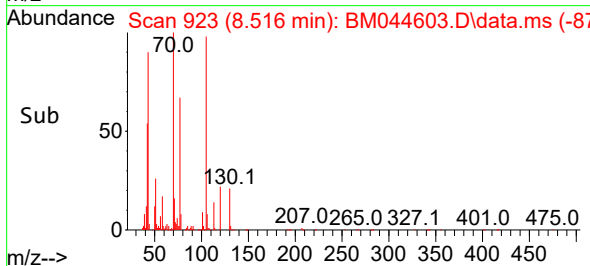
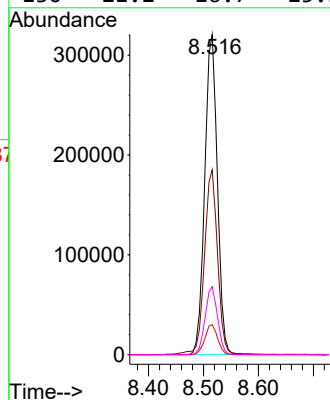
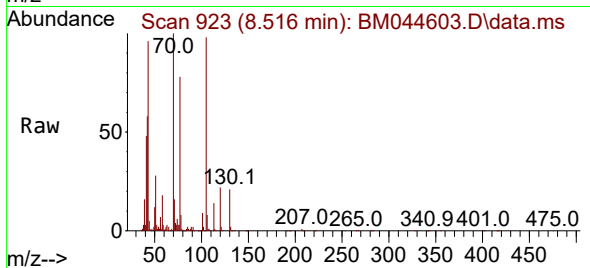
Ion Ratio Lower Upper

70 100

42 57.7 46.6 69.8

101 9.4 7.6 11.4

130 21.2 16.7 25.1



#20

3+4-Methylphenols

Concen: 39.339 ng

RT: 8.469 min Scan# 915

Delta R.T. -0.006 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Tgt Ion: 107 Resp: 743066

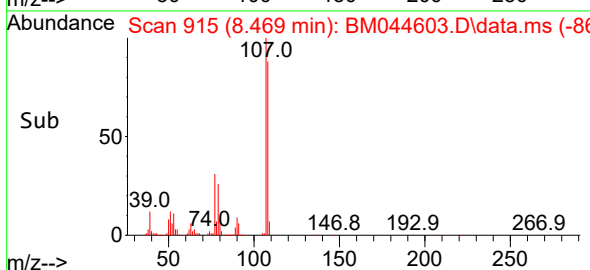
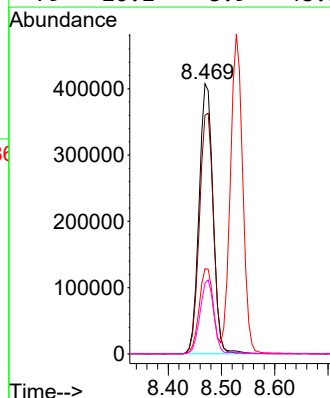
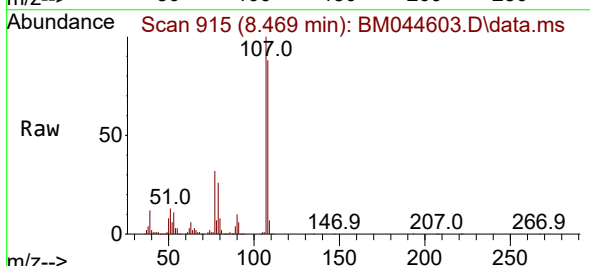
Ion Ratio Lower Upper

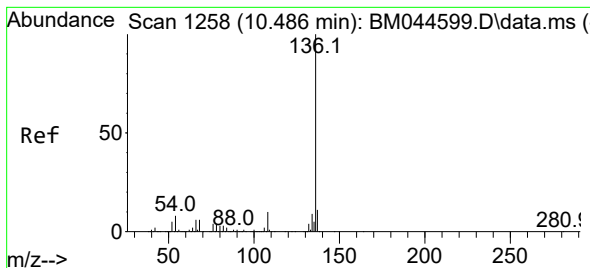
107 100

108 88.4 72.7 112.7

77 31.6 13.3 53.3

79 26.2 8.9 48.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.481 min Scan# 1258

Delta R.T. -0.006 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

Tgt Ion:136 Resp: 924510

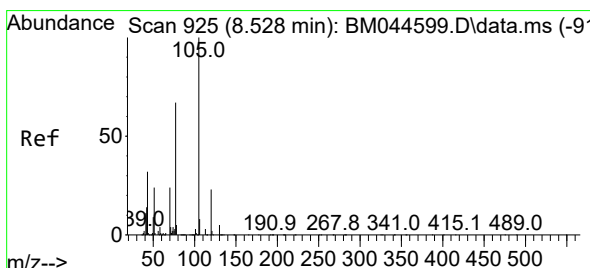
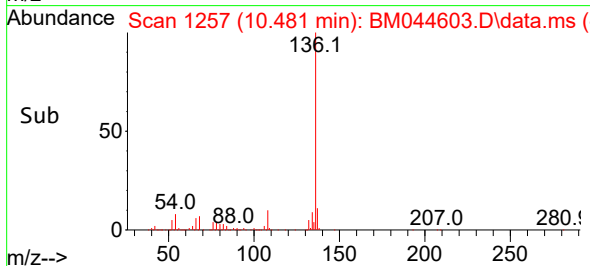
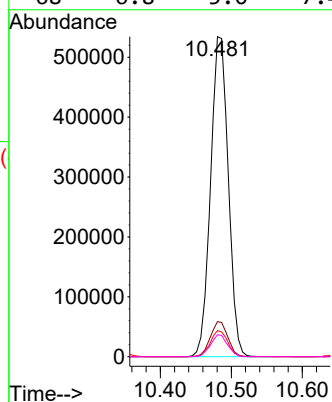
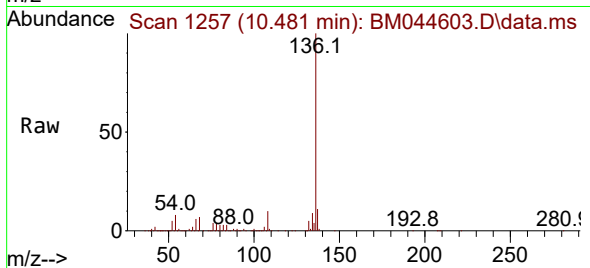
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.2 6.6 10.0

68 6.8 5.0 7.4



#22

Acetophenone

Concen: 41.469 ng

RT: 8.528 min Scan# 925

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Tgt Ion:105 Resp: 1007223

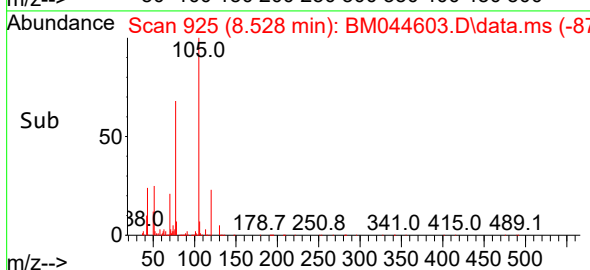
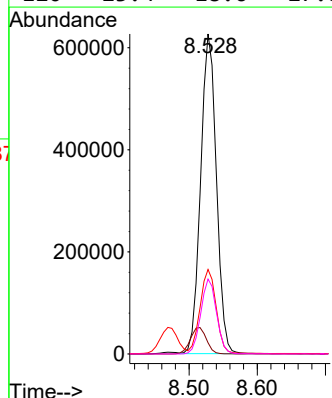
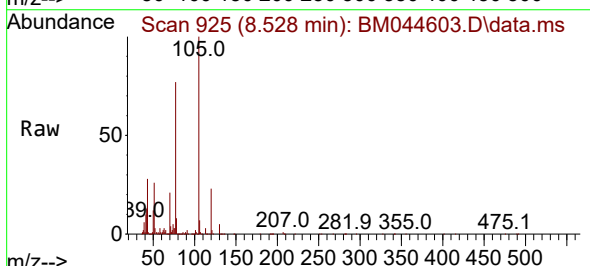
Ion Ratio Lower Upper

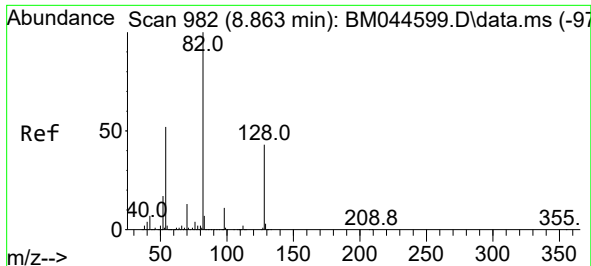
105 100

71 3.5 3.4 5.2

51 26.4 22.2 33.4

120 23.4 18.6 27.8

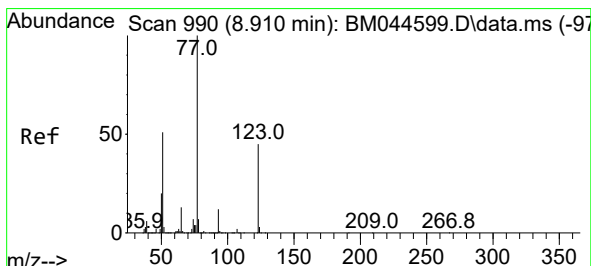
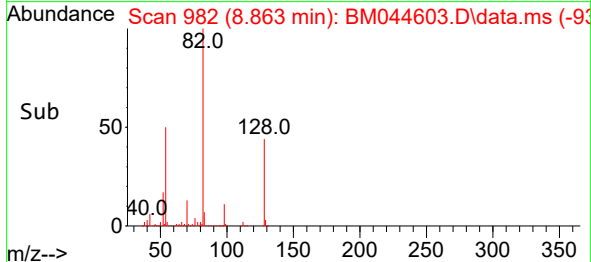
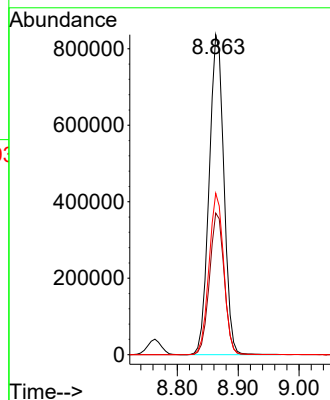
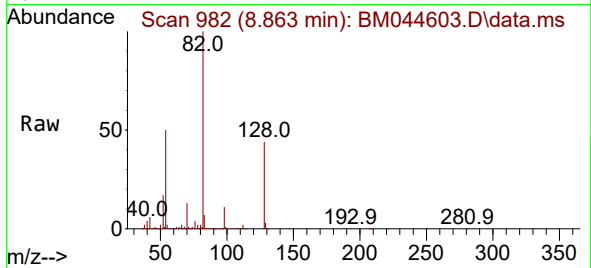




#23
Nitrobenzene-d5
Concen: 73.434 ng
RT: 8.863 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

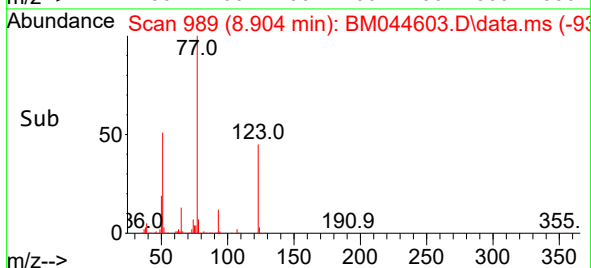
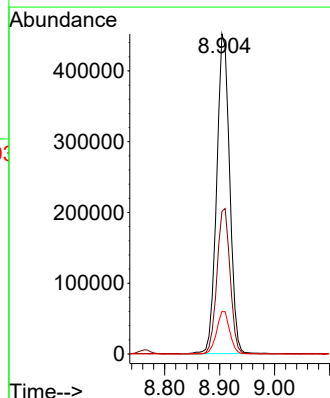
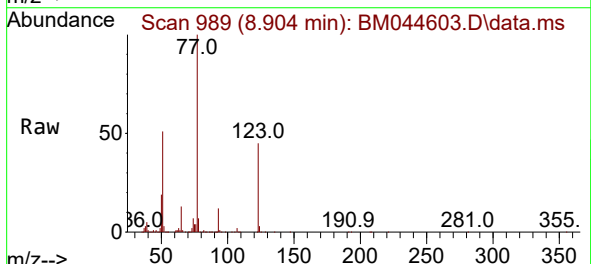
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

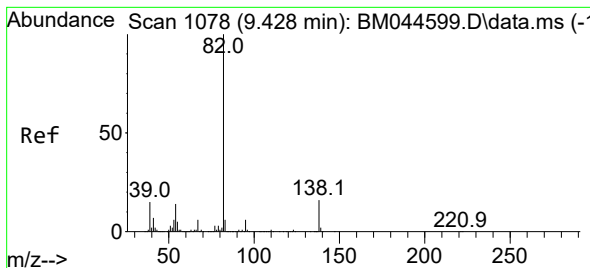
Tgt Ion: 82 Resp: 1409228
Ion Ratio Lower Upper
82 100
128 44.2 34.2 51.4
54 50.4 41.3 61.9



#24
Nitrobenzene
Concen: 39.135 ng
RT: 8.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion: 77 Resp: 742388
Ion Ratio Lower Upper
77 100
123 44.6 35.9 53.9
65 13.3 10.7 16.1





#25

Isophorone

Concen: 42.039 ng

RT: 9.428 min Scan# 1078

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

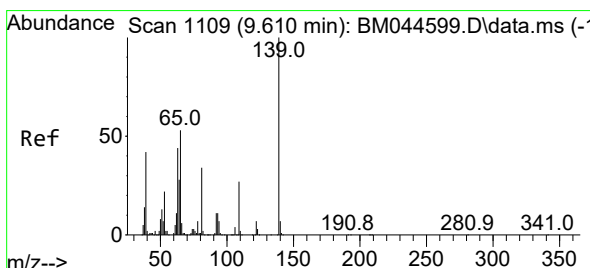
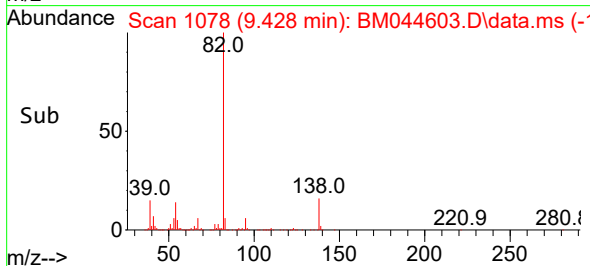
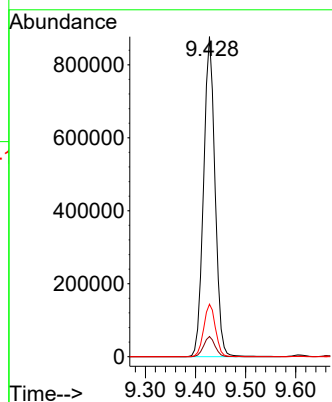
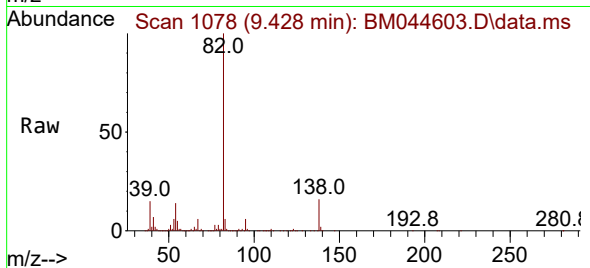
Tgt Ion: 82 Resp: 1391931

Ion Ratio Lower Upper

82 100

95 6.3 4.9 7.3

138 16.4 12.9 19.3



#26

2-Nitrophenol

Concen: 42.794 ng

RT: 9.610 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

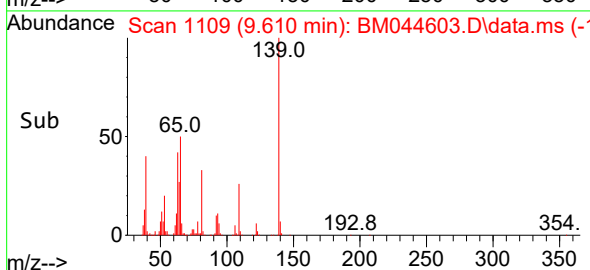
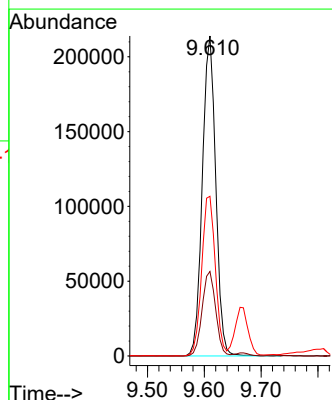
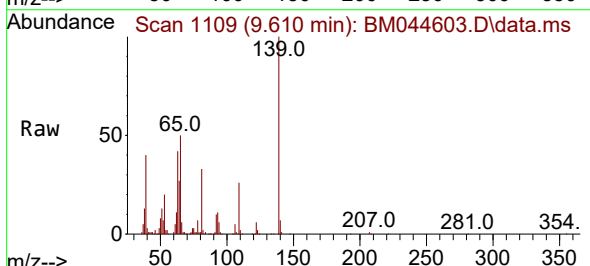
Tgt Ion: 139 Resp: 350298

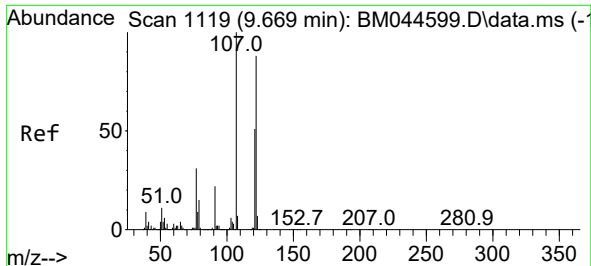
Ion Ratio Lower Upper

139 100

109 26.4 21.2 31.8

65 49.9 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 35.308 ng

RT: 9.669 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

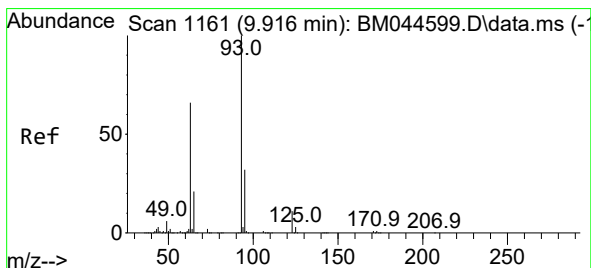
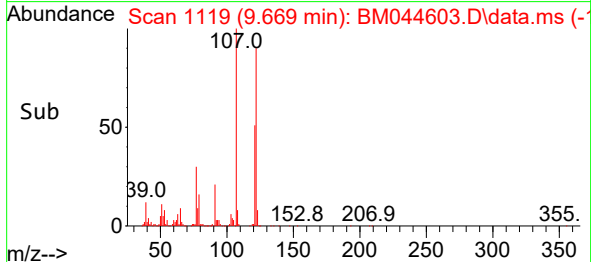
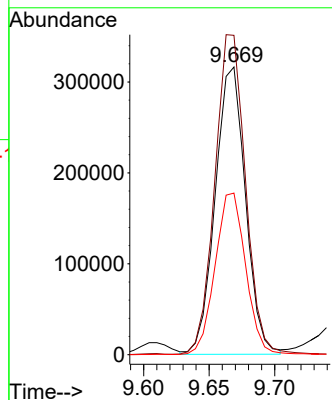
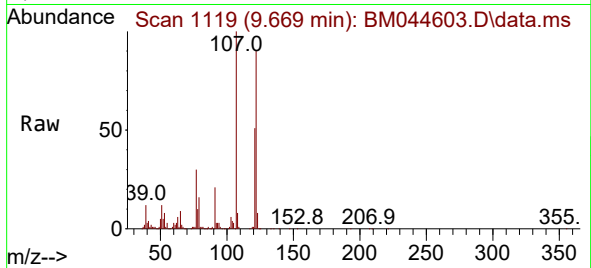
Tgt Ion:122 Resp: 508270

Ion Ratio Lower Upper

122 100

107 111.0 90.5 135.7

121 56.2 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.146 ng

RT: 9.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

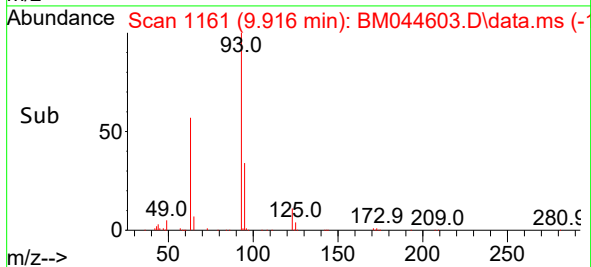
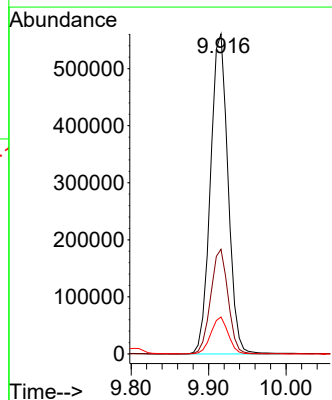
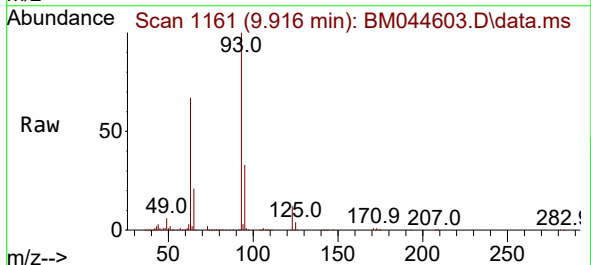
Tgt Ion: 93 Resp: 882717

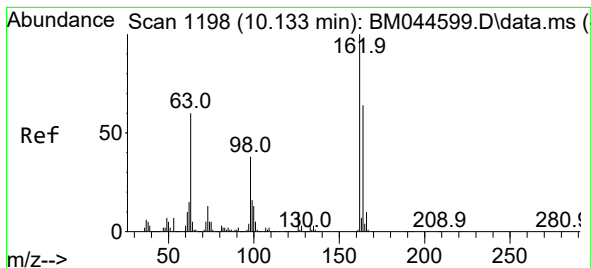
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.6

123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.954 ng

RT: 10.134 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

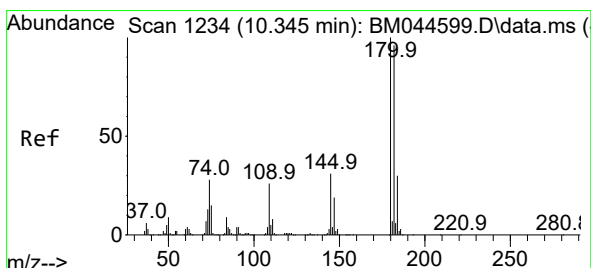
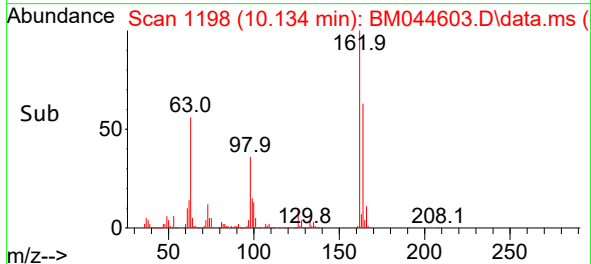
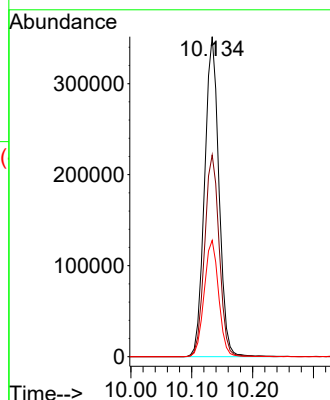
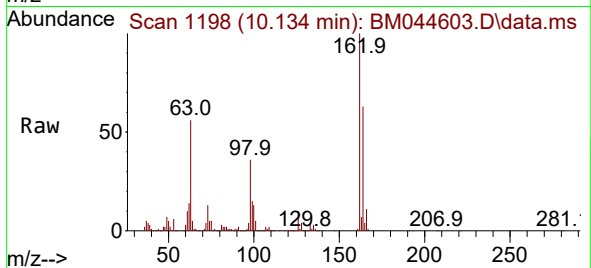
Tgt Ion:162 Resp: 575595

Ion Ratio Lower Upper

162 100

164 63.1 44.1 84.1

98 36.4 18.0 58.0



#30

1,2,4-Trichlorobenzene

Concen: 41.553 ng

RT: 10.345 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

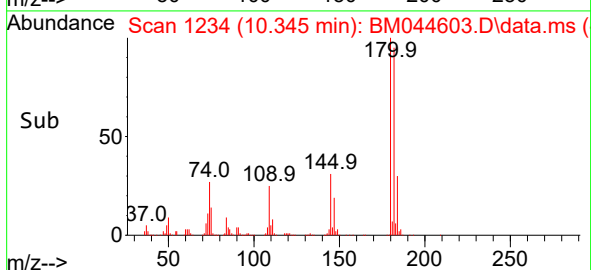
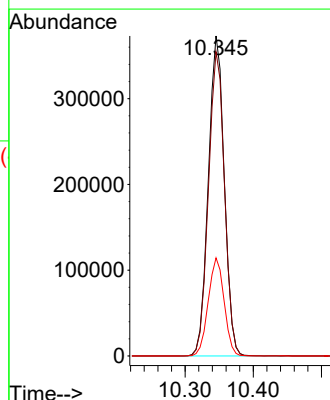
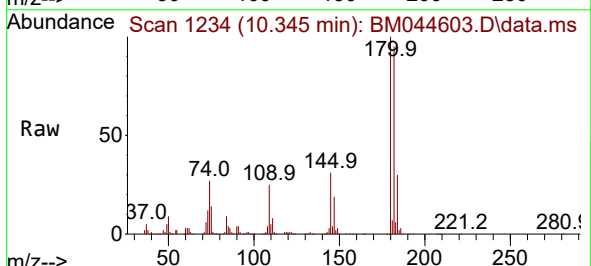
Tgt Ion:180 Resp: 606494

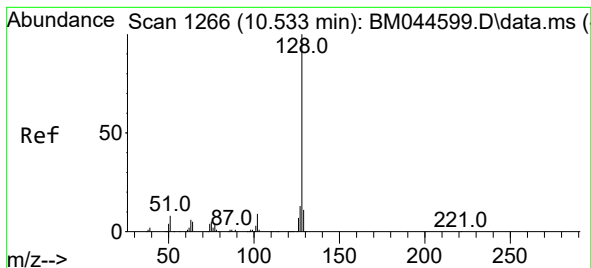
Ion Ratio Lower Upper

180 100

182 95.0 76.6 115.0

145 30.7 24.6 36.8

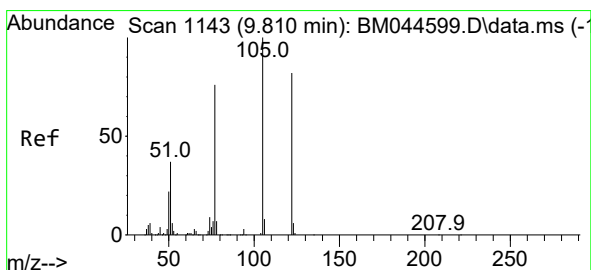
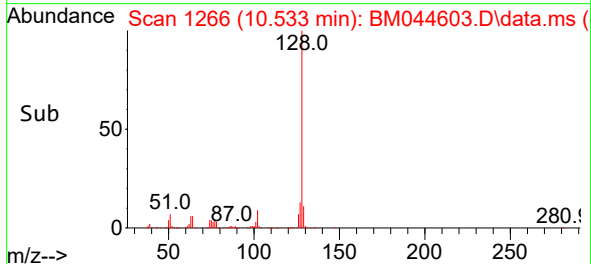
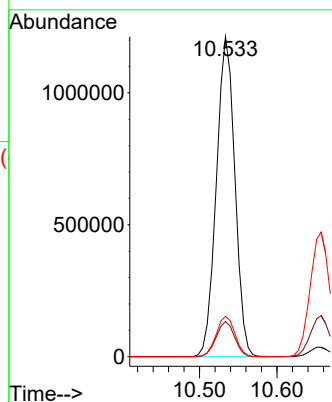
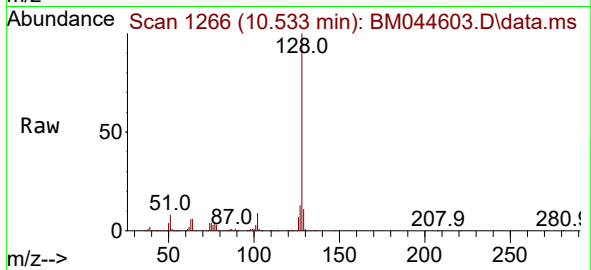




#31
Naphthalene
Concen: 39.752 ng
RT: 10.533 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

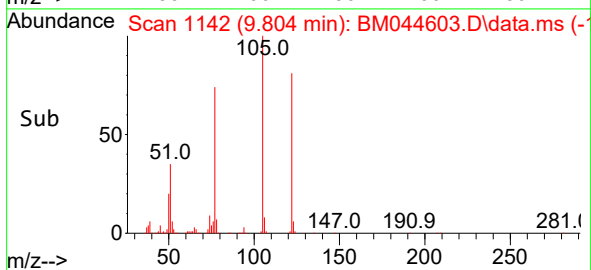
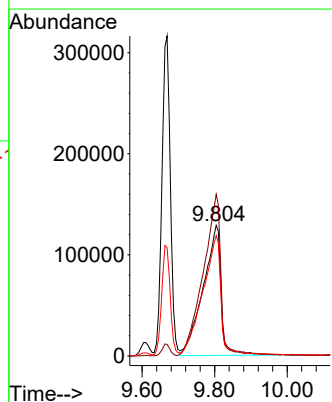
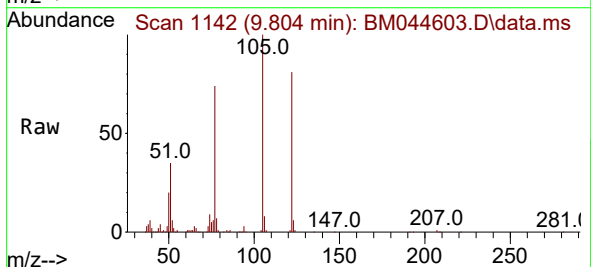
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

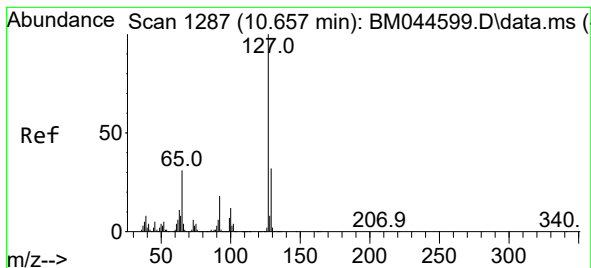
Tgt Ion:128 Resp: 2016920
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.6 10.2 15.4



#32
Benzoic acid
Concen: 39.129 ng
RT: 9.804 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion:122 Resp: 441219
Ion Ratio Lower Upper
122 100
105 123.8 100.0 140.0
77 92.2 72.5 112.5





#33

4-Chloroaniline

Concen: 39.256 ng

RT: 10.657 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

Tgt Ion:127 Resp: 835593

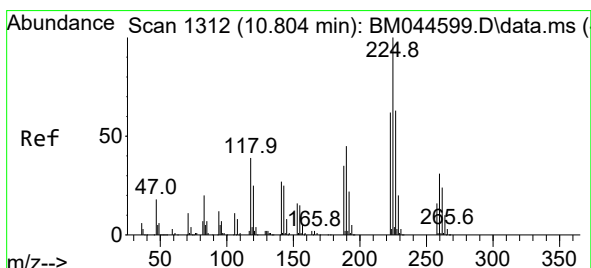
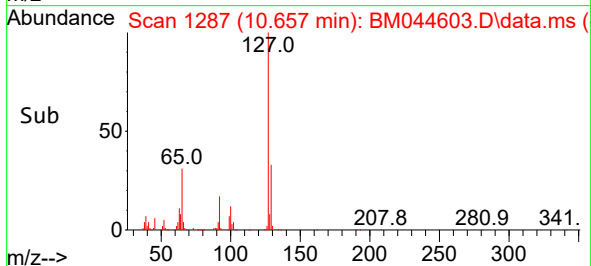
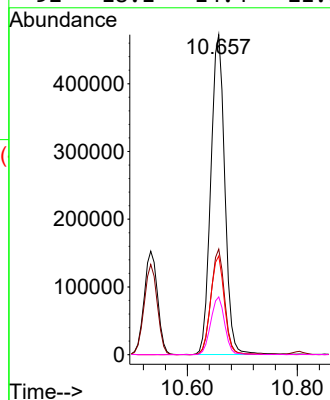
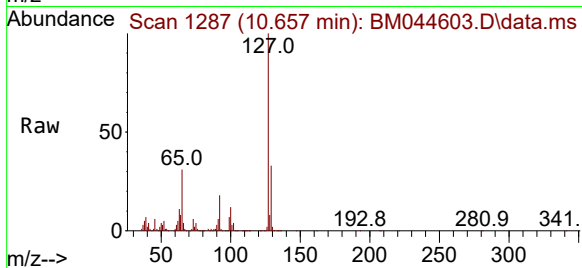
Ion Ratio Lower Upper

127 100

129 33.0 25.6 38.4

65 30.9 25.1 37.7

92 18.1 14.4 21.6



#34

Hexachlorobutadiene

Concen: 41.344 ng

RT: 10.804 min Scan# 1312

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

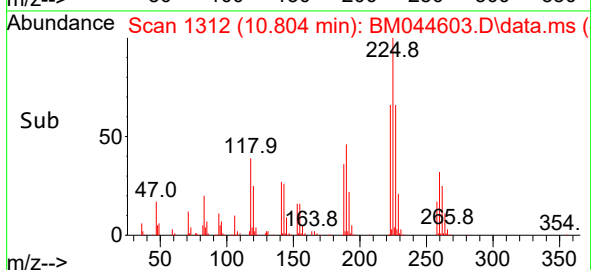
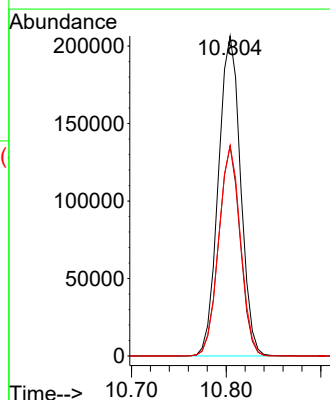
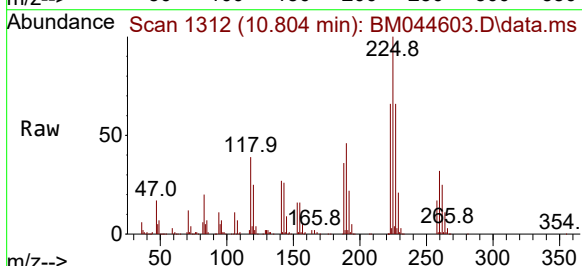
Tgt Ion:225 Resp: 336454

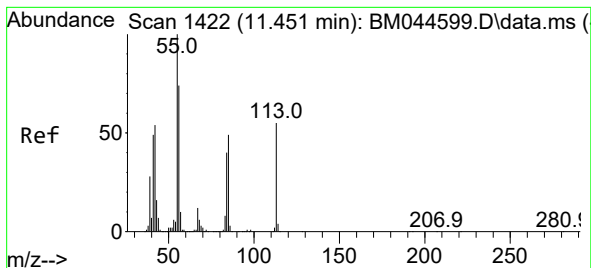
Ion Ratio Lower Upper

225 100

223 65.5 49.9 74.9

227 65.8 50.6 75.8

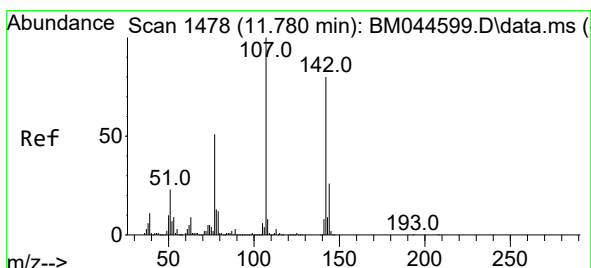
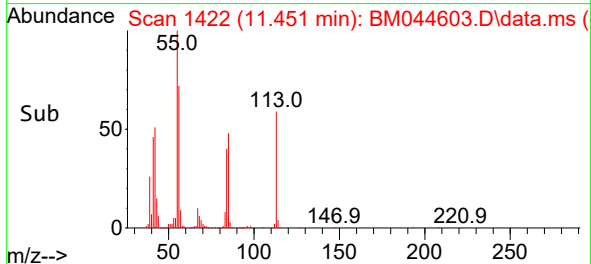
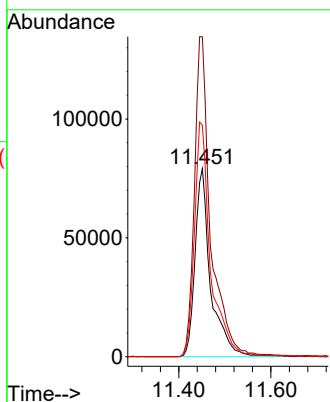
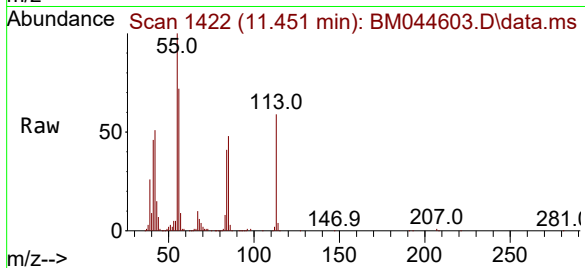




#35
 Caprolactam
 Concen: 41.999 ng
 RT: 11.451 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: BM044603.D
 Acq: 13 Mar 2024 18:35

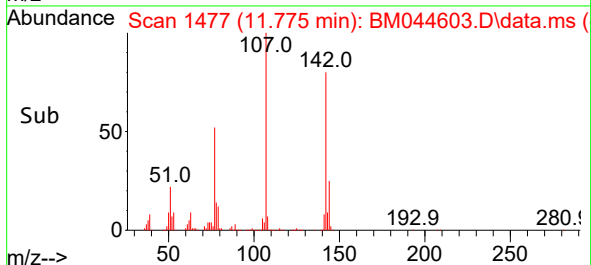
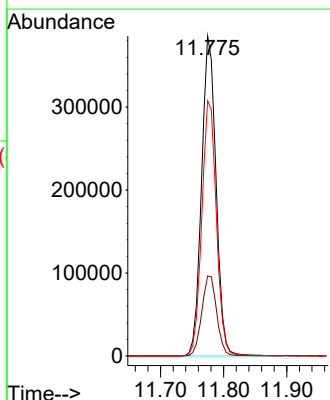
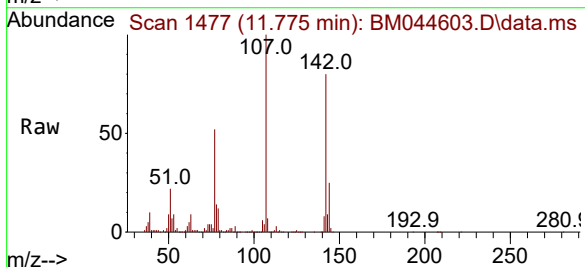
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031324

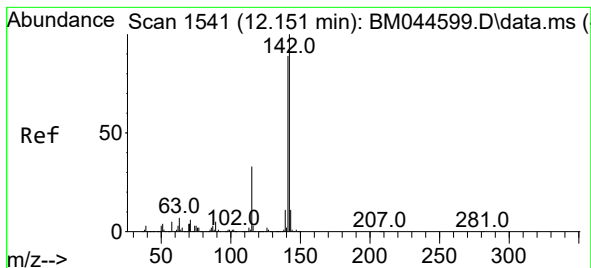
Tgt Ion:113 Resp: 185873
 Ion Ratio Lower Upper
 113 100
 55 170.1 161.1 201.1
 56 123.2 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 40.844 ng
 RT: 11.775 min Scan# 1477
 Delta R.T. -0.006 min
 Lab File: BM044603.D
 Acq: 13 Mar 2024 18:35

Tgt Ion:107 Resp: 614912
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.8 31.2
 142 79.7 63.8 95.8





#37

2-Methylnaphthalene

Concen: 38.169 ng

RT: 12.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

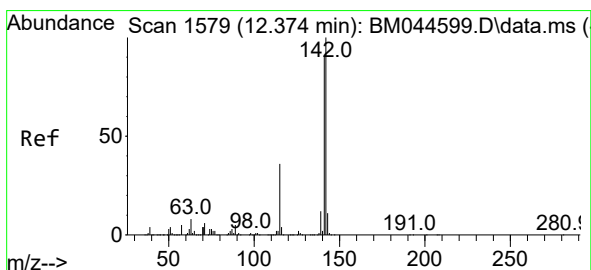
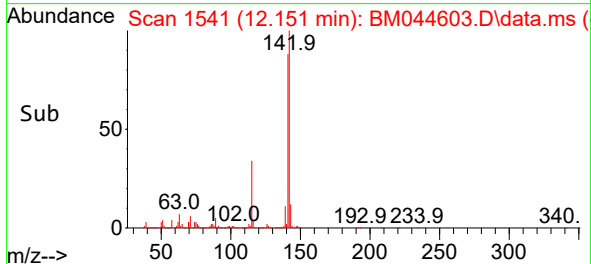
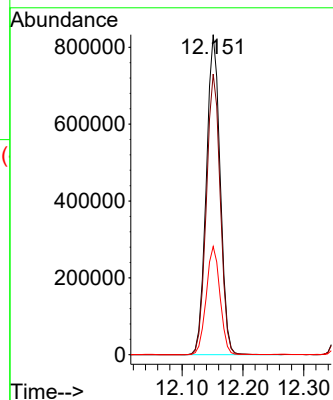
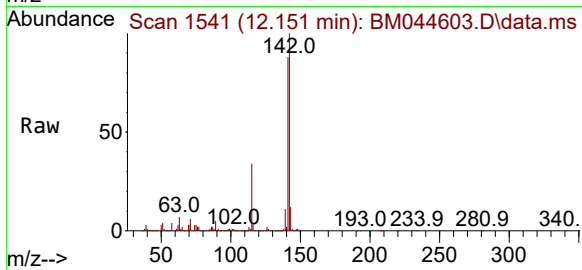
Tgt Ion:142 Resp: 1314437

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.6

115 33.8 26.6 40.0



#38

1-Methylnaphthalene

Concen: 39.667 ng

RT: 12.375 min Scan# 1579

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

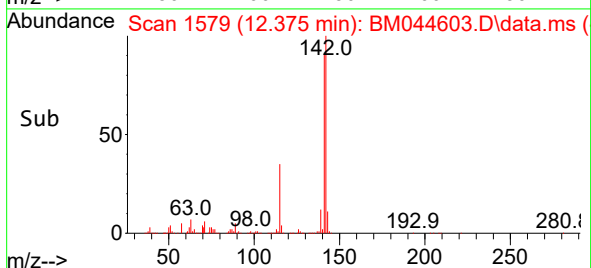
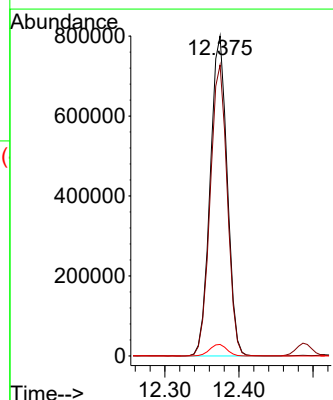
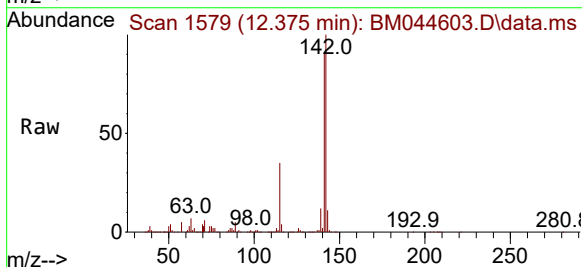
Tgt Ion:142 Resp: 1273132

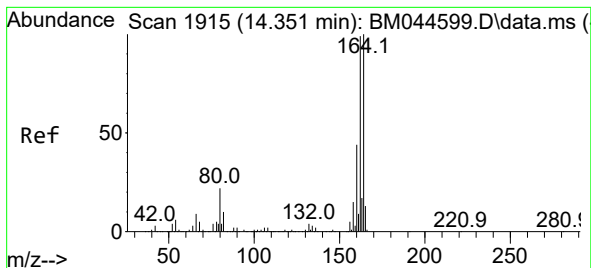
Ion Ratio Lower Upper

142 100

141 91.0 72.9 109.3

116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.351 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

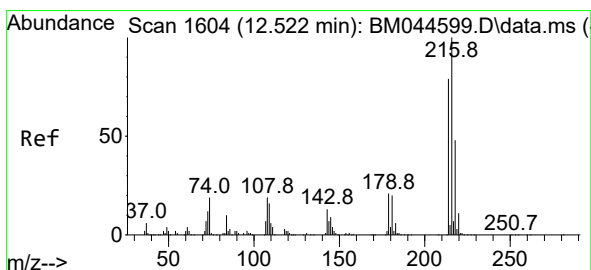
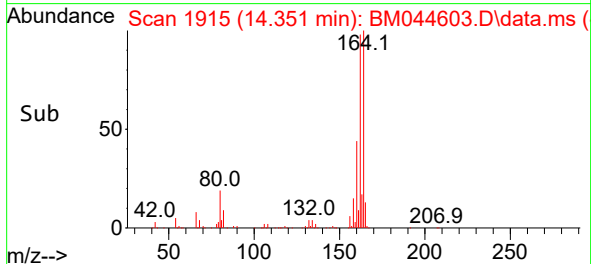
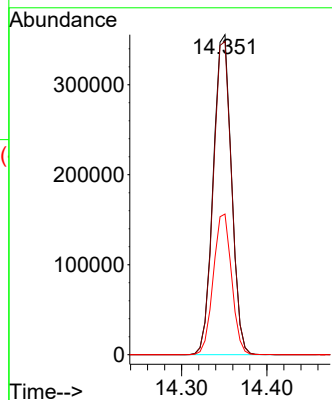
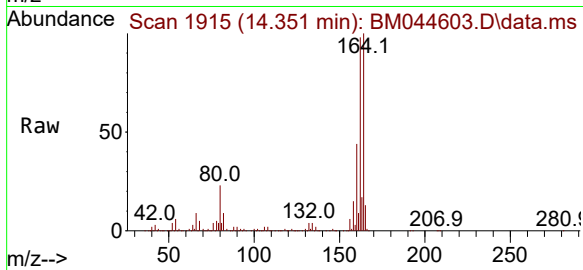
Tgt Ion:164 Resp: 529080

Ion Ratio Lower Upper

164 100

162 97.8 79.3 118.9

160 43.9 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.028 ng

RT: 12.522 min Scan# 1604

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Tgt Ion:216 Resp: 615995

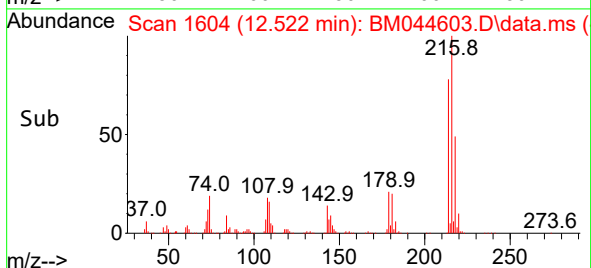
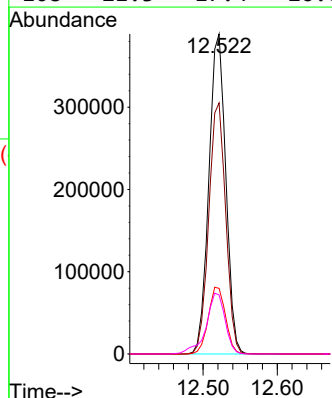
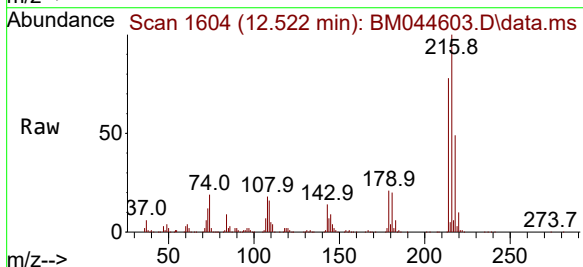
Ion Ratio Lower Upper

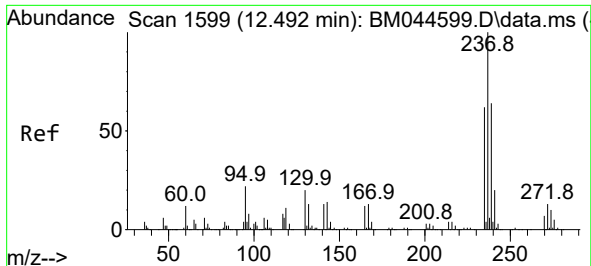
216 100

214 78.5 62.9 94.3

179 21.2 16.9 25.3

108 21.3 17.4 26.0

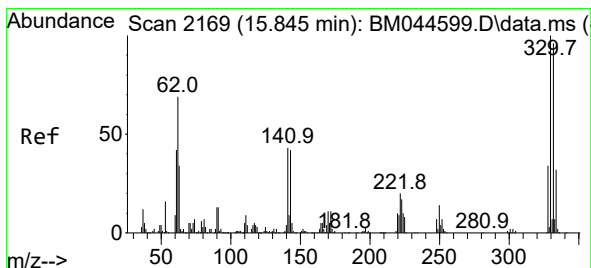
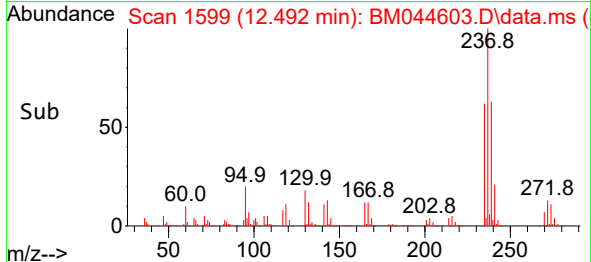
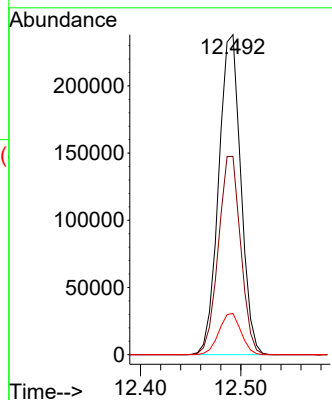
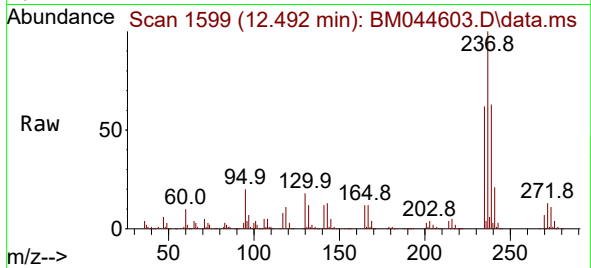




#41
Hexachlorocyclopentadiene
Concen: 42.613 ng
RT: 12.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

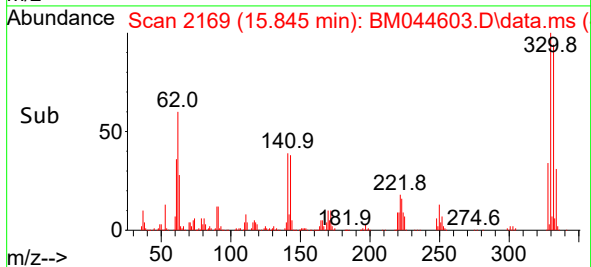
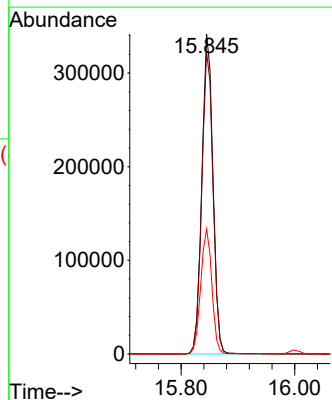
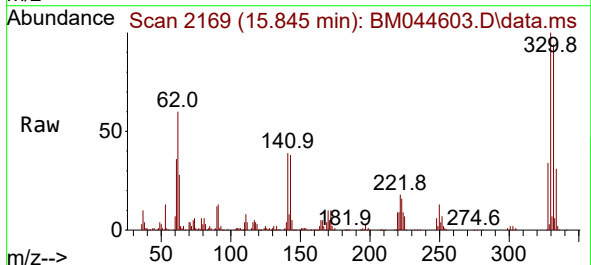
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

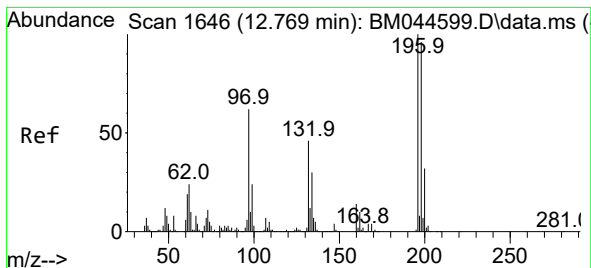
Tgt Ion:237 Resp: 364480
Ion Ratio Lower Upper
237 100
235 62.0 42.1 82.1
272 12.8 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 79.416 ng
RT: 15.845 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion:330 Resp: 463436
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 39.3 33.4 50.0

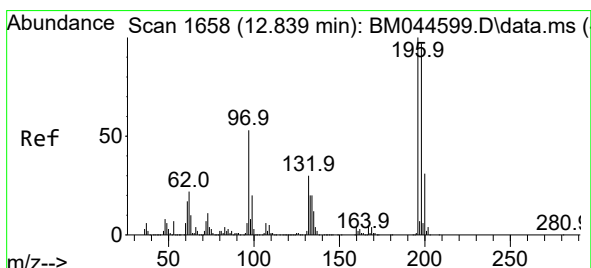
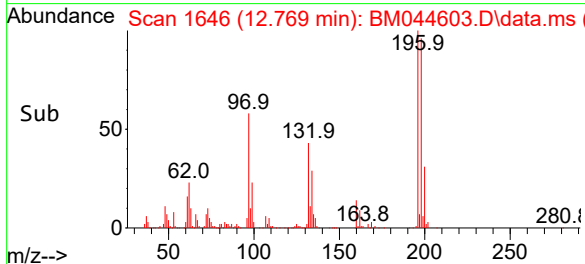
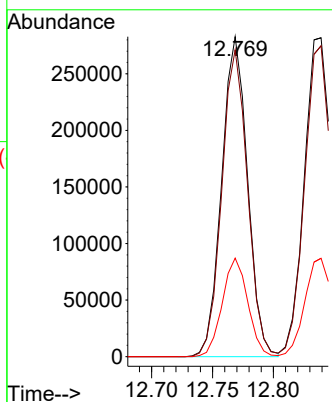
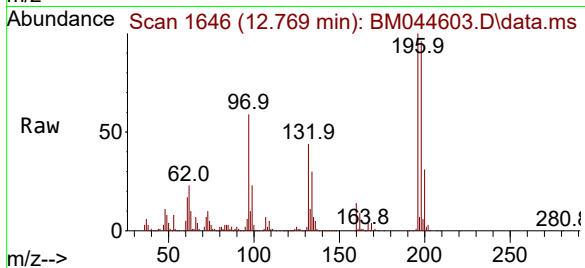




#43
2,4,6-Trichlorophenol
Concen: 41.344 ng
RT: 12.769 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

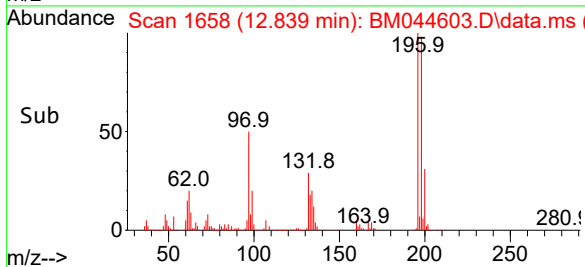
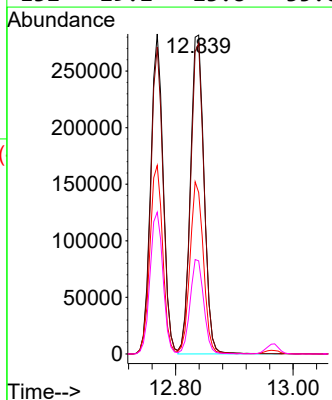
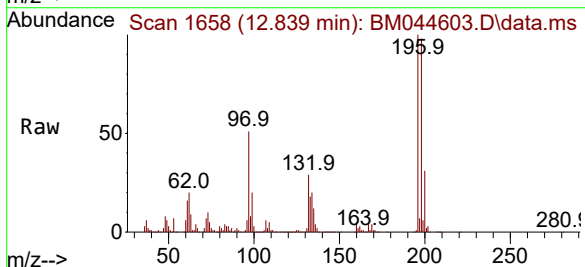
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

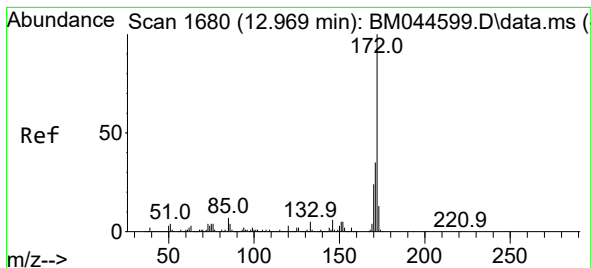
Tgt Ion:196 Resp: 419156
Ion Ratio Lower Upper
196 100
198 95.9 76.9 115.3
200 30.8 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 37.662 ng
RT: 12.839 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion:196 Resp: 452422
Ion Ratio Lower Upper
196 100
198 97.5 77.7 116.5
97 50.6 42.8 64.2
132 29.2 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 72.563 ng

RT: 12.963 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

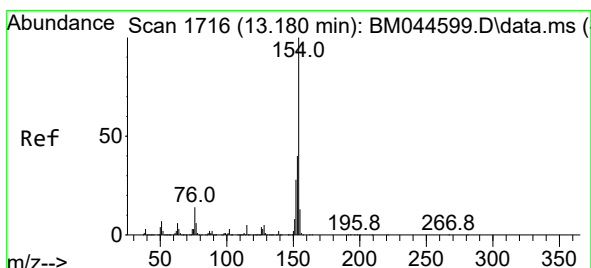
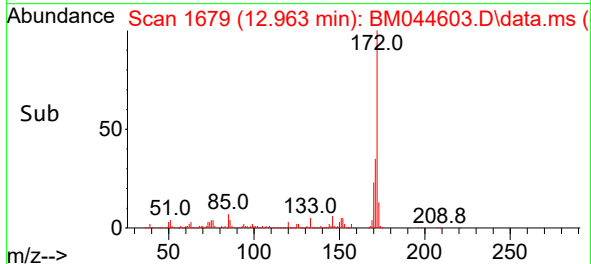
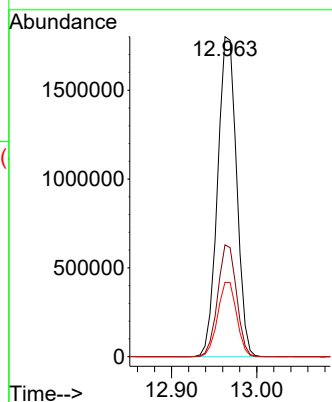
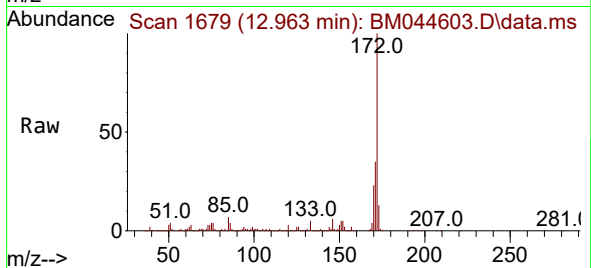
Tgt Ion:172 Resp: 2787610

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 40.726 ng

RT: 13.180 min Scan# 1716

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

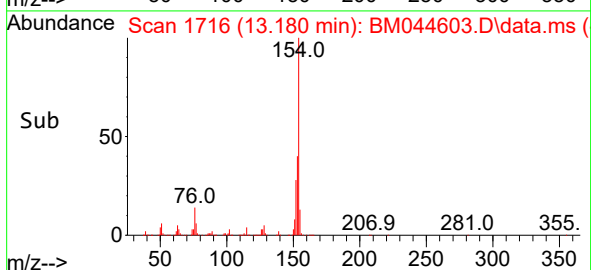
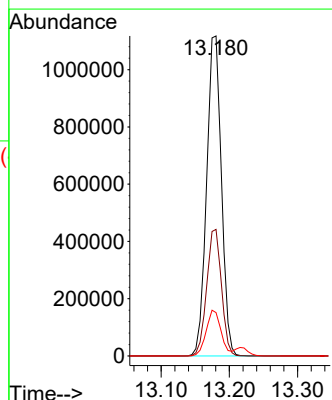
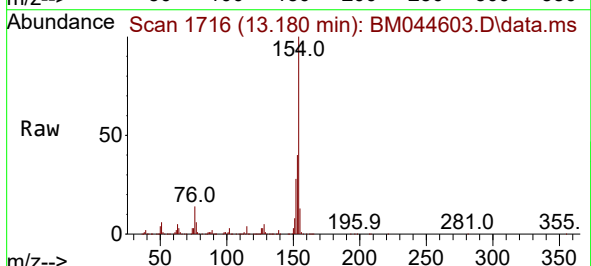
Tgt Ion:154 Resp: 1685262

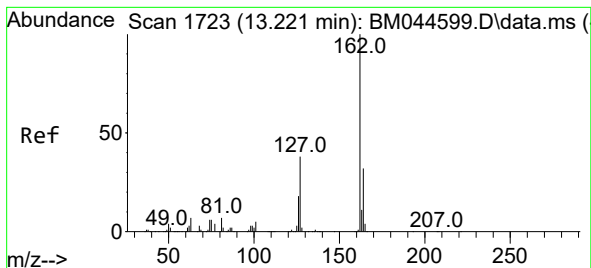
Ion Ratio Lower Upper

154 100

153 39.6 19.9 59.9

76 13.5 0.0 34.0

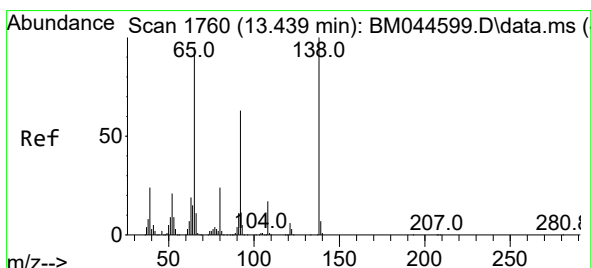
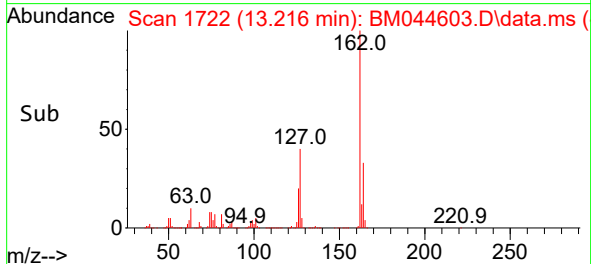
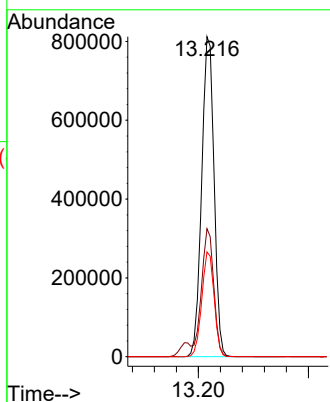
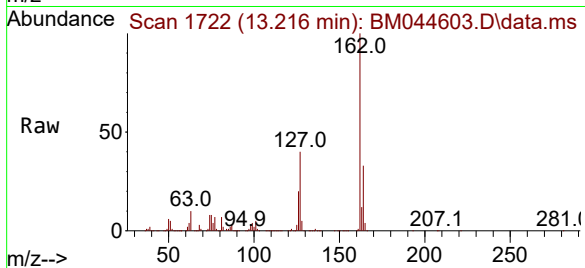




#47
2-Chloronaphthalene
Concen: 41.523 ng
RT: 13.216 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

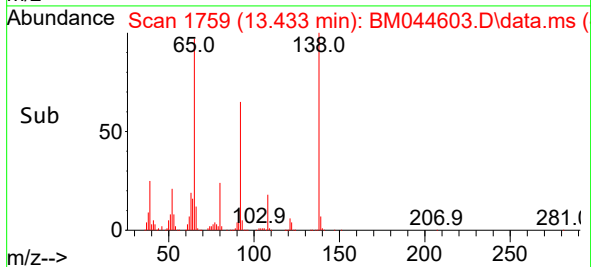
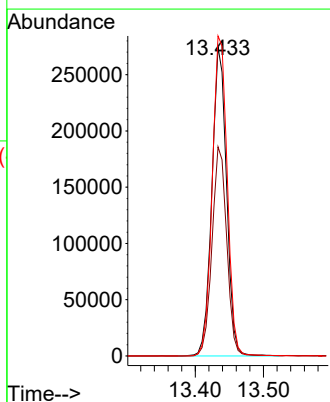
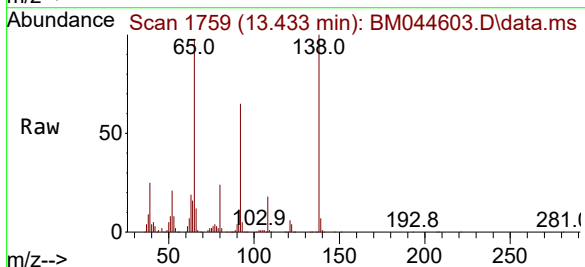
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

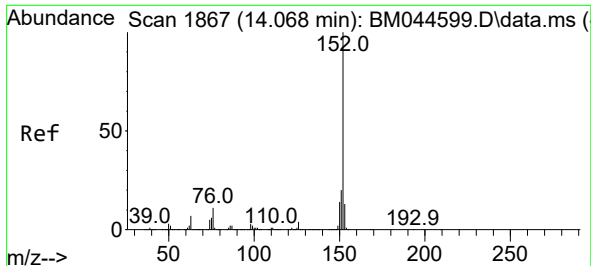
Tgt Ion:162 Resp: 1270586
Ion Ratio Lower Upper
162 100
127 40.0 31.4 47.0
164 32.8 25.8 38.8



#48
2-Nitroaniline
Concen: 39.628 ng
RT: 13.433 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion: 65 Resp: 411438
Ion Ratio Lower Upper
65 100
92 67.7 53.3 79.9
138 103.6 84.3 126.5

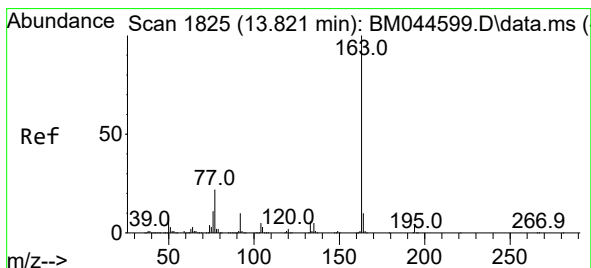
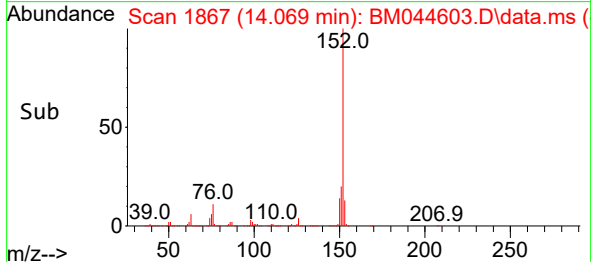
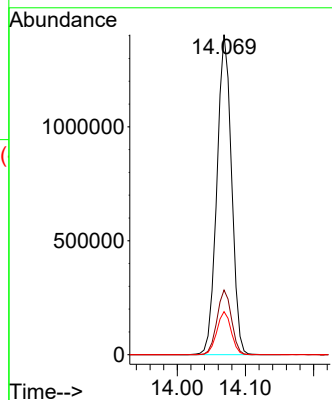
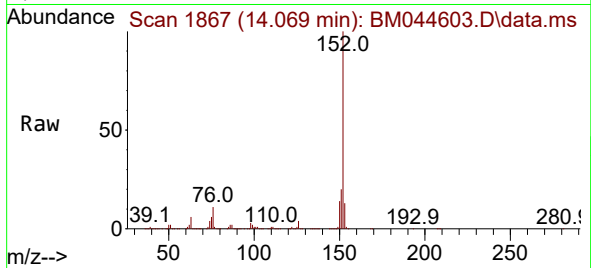




#49
Acenaphthylene
Concen: 42.083 ng
RT: 14.069 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

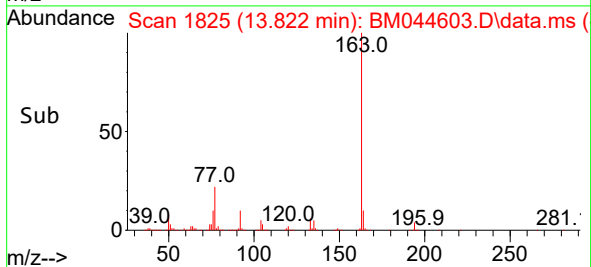
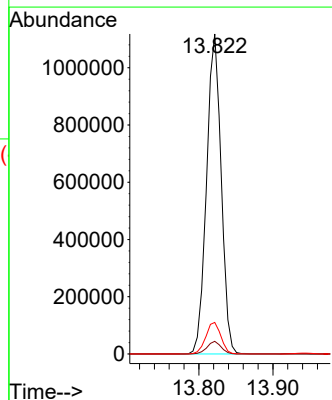
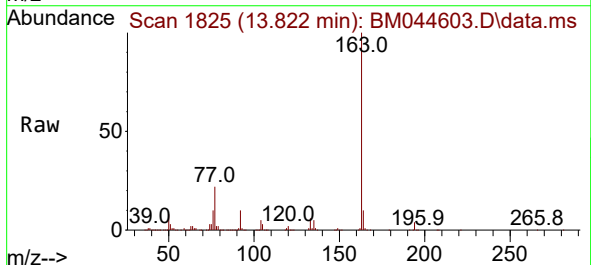
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

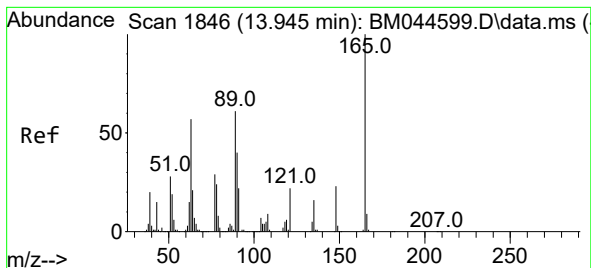
Tgt Ion:152 Resp: 2097723
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.5 10.6 15.8



#50
Dimethylphthalate
Concen: 38.682 ng
RT: 13.822 min Scan# 1825
Delta R.T. 0.001 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion:163 Resp: 1530785
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.8 8.0 12.0

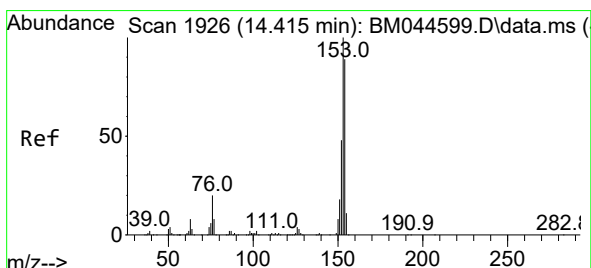
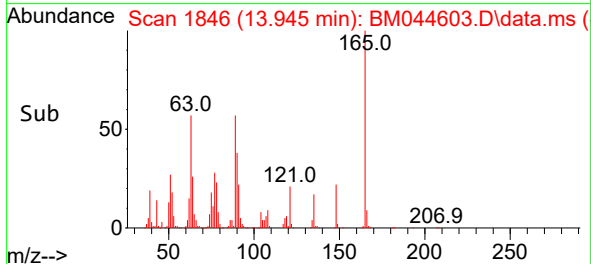
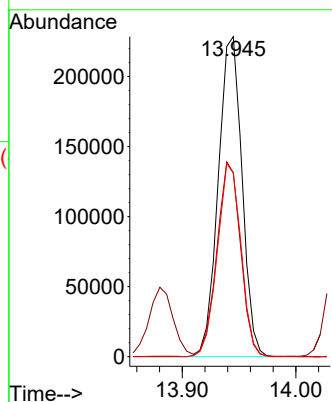
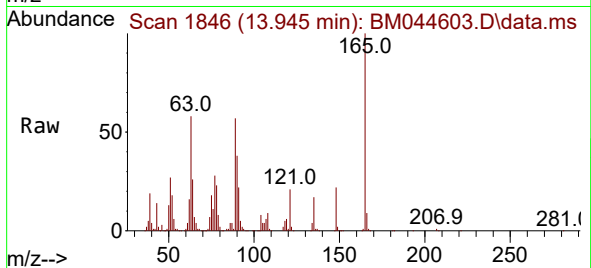




#51
2,6-Dinitrotoluene
Concen: 40.297 ng
RT: 13.945 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

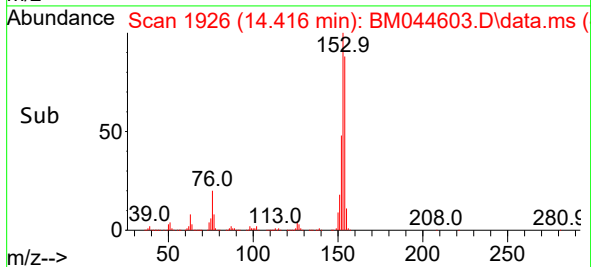
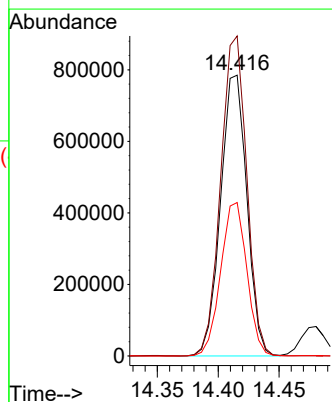
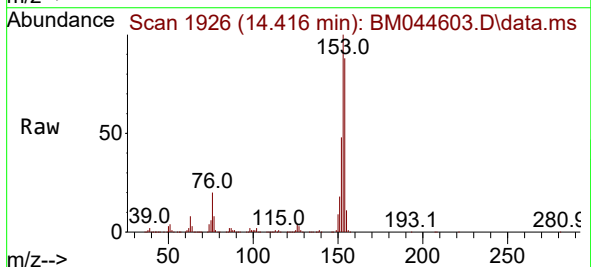
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

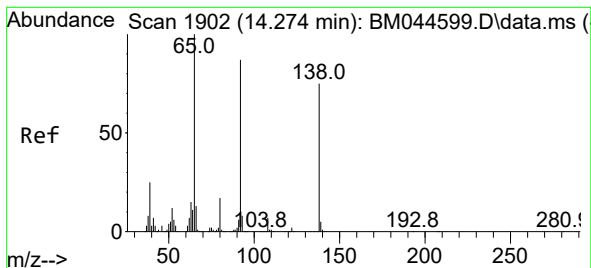
Tgt Ion:165 Resp: 332084
Ion Ratio Lower Upper
165 100
63 57.5 50.4 75.6
89 57.4 49.3 73.9



#52
Acenaphthene
Concen: 39.206 ng
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion:154 Resp: 1181395
Ion Ratio Lower Upper
154 100
153 113.9 90.3 135.5
152 54.6 43.1 64.7

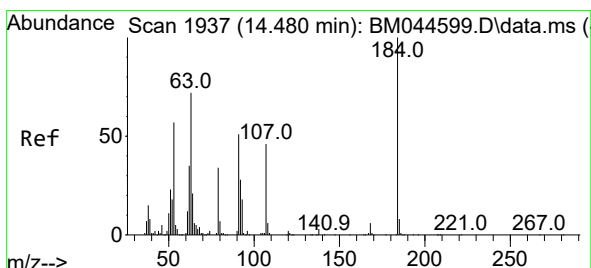
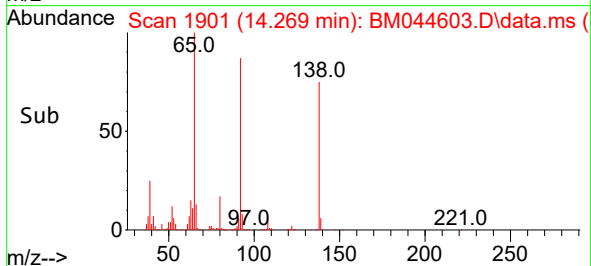
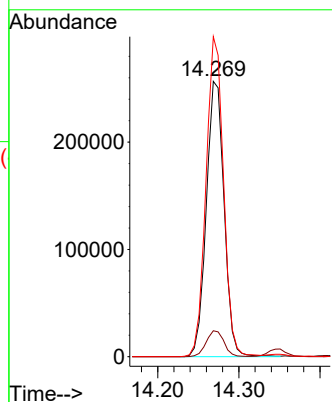
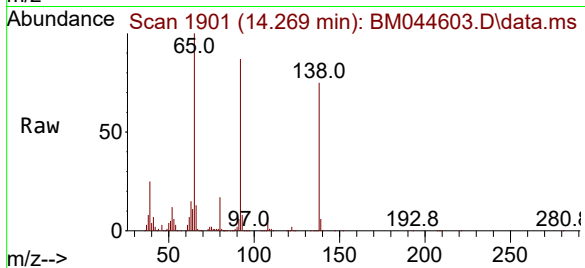




#53
3-Nitroaniline
Concen: 40.475 ng
RT: 14.269 min Scan# 1902
Delta R.T. -0.005 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

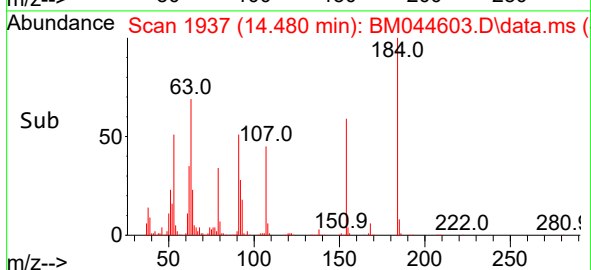
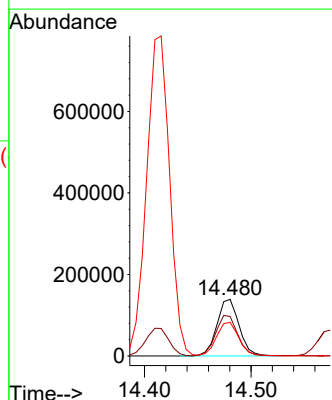
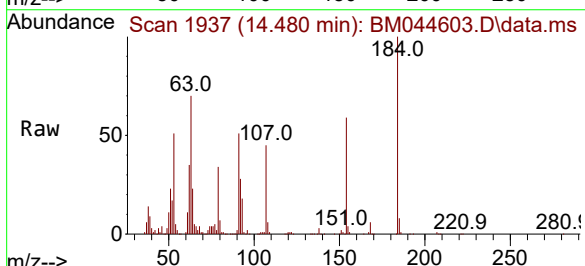
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

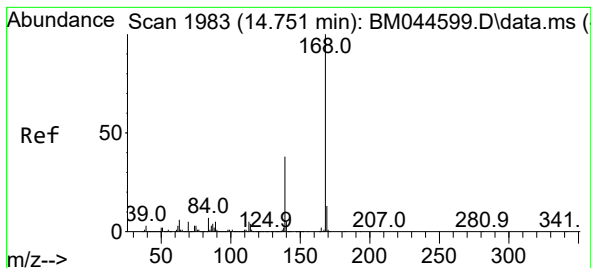
Tgt Ion:138 Resp: 390576
Ion Ratio Lower Upper
138 100
108 9.4 7.5 11.3
92 116.2 92.8 139.2



#54
2,4-Dinitrophenol
Concen: 39.513 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion:184 Resp: 200003
Ion Ratio Lower Upper
184 100
63 69.7 62.2 93.2
154 59.4 47.9 71.9





#55

Dibenzofuran

Concen: 38.788 ng

RT: 14.751 min Scan# 1983

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

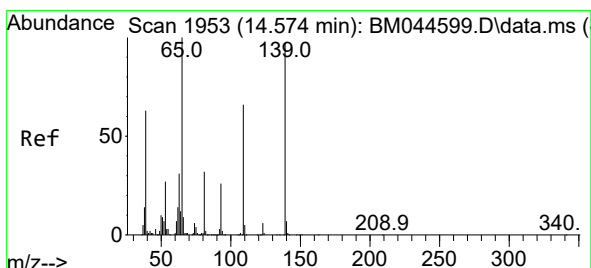
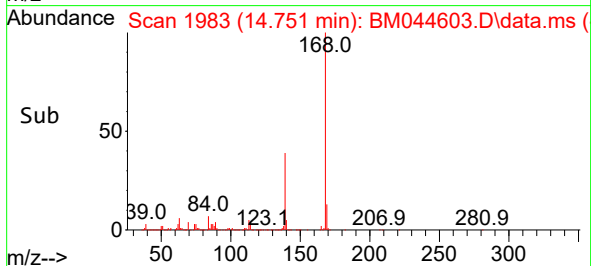
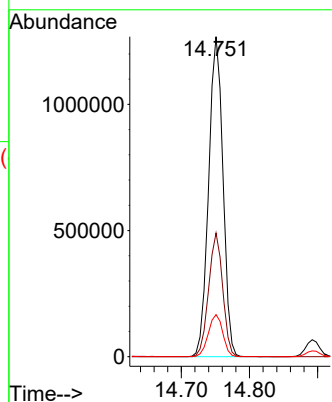
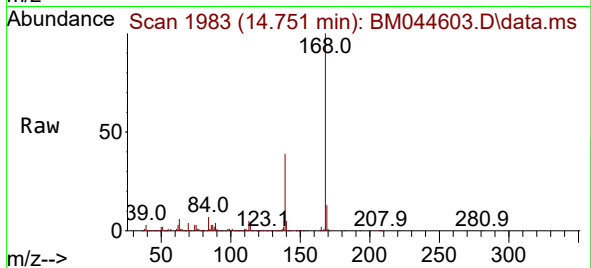
Tgt Ion:168 Resp: 1854979

Ion Ratio Lower Upper

168 100

139 38.6 30.6 46.0

169 13.2 10.6 16.0



#56

4-Nitrophenol

Concen: 41.179 ng

RT: 14.574 min Scan# 1953

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

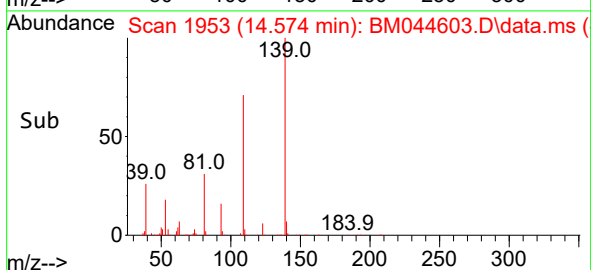
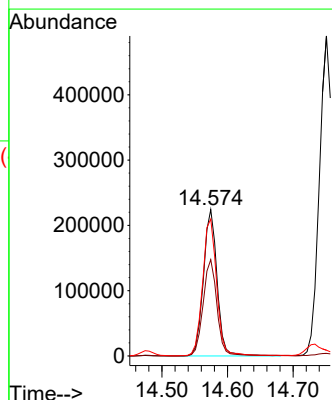
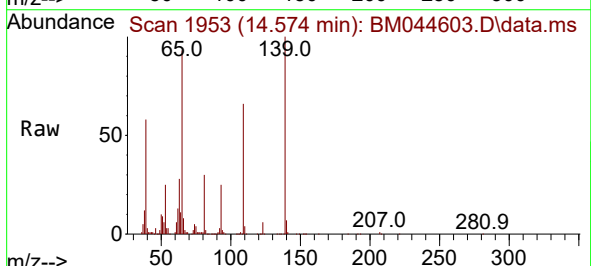
Tgt Ion:139 Resp: 326357

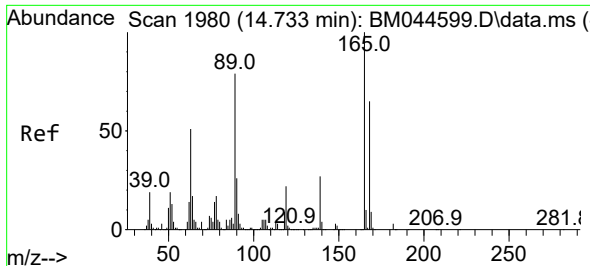
Ion Ratio Lower Upper

139 100

109 65.8 48.0 88.0

65 93.5 83.5 123.5

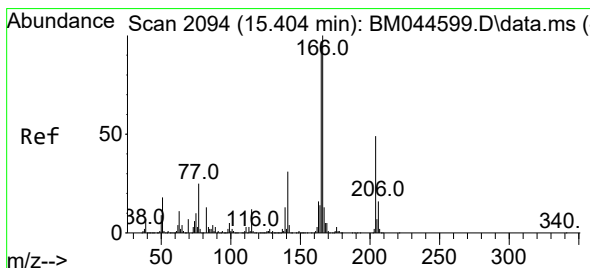
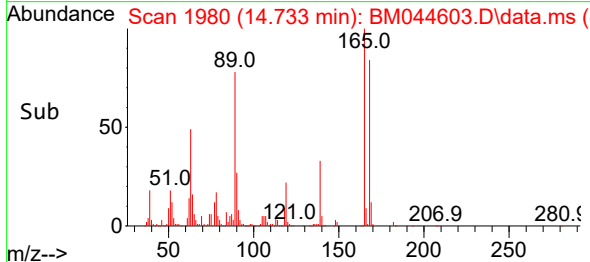
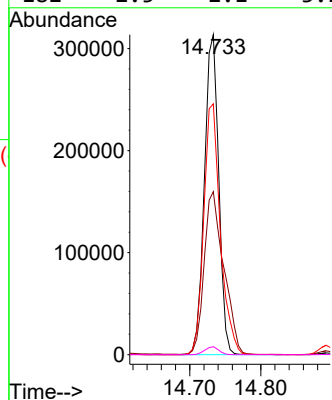
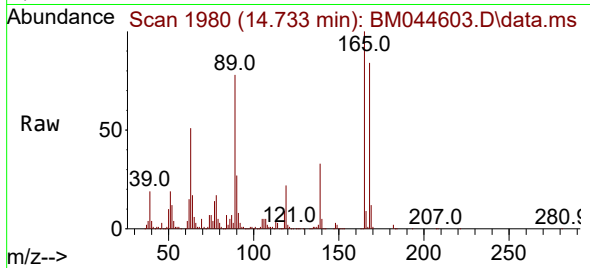




#57
2,4-Dinitrotoluene
Concen: 40.828 ng
RT: 14.733 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

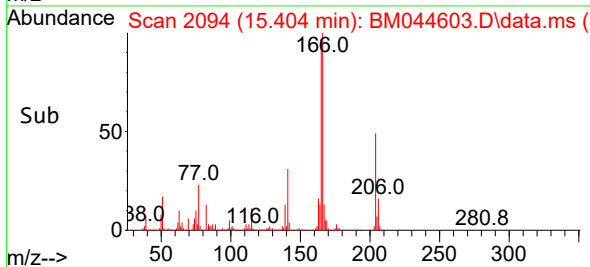
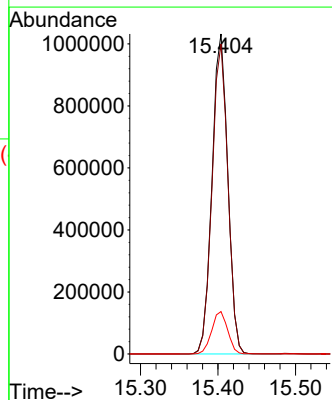
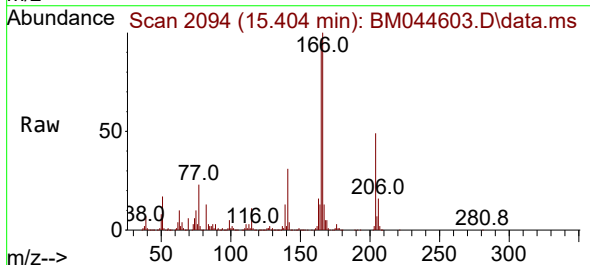
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

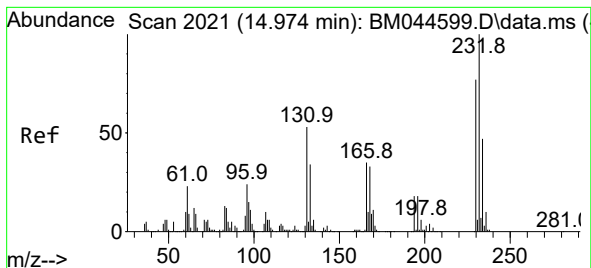
Tgt Ion:165 Resp: 439630
Ion Ratio Lower Upper
165 100
63 51.0 40.9 61.3
89 78.4 63.4 95.0
182 2.5 2.1 3.1



#58
Fluorene
Concen: 39.116 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion:166 Resp: 1456783
Ion Ratio Lower Upper
166 100
165 96.9 77.7 116.5
167 13.3 10.8 16.2

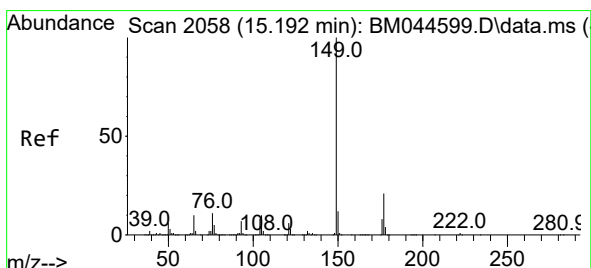
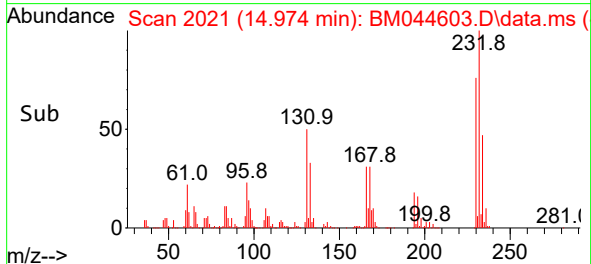
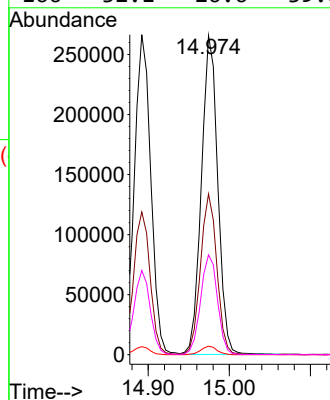
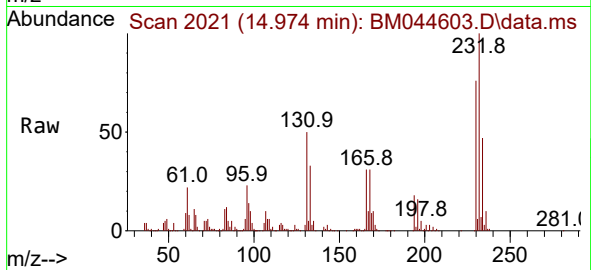




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.889 ng
RT: 14.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

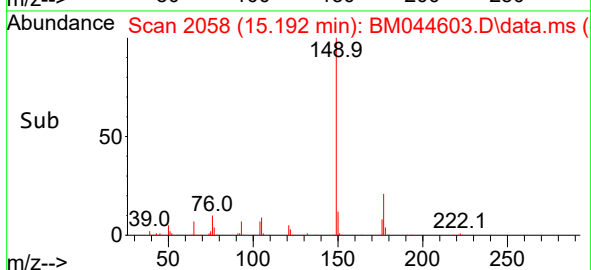
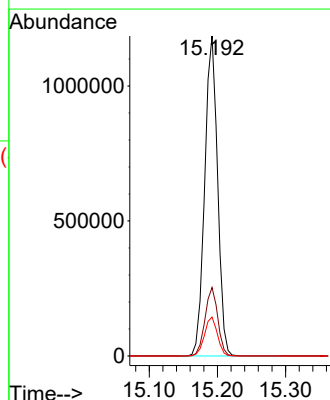
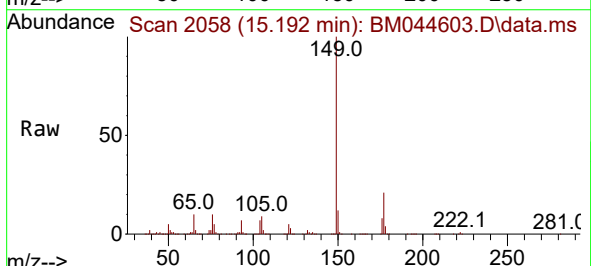
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

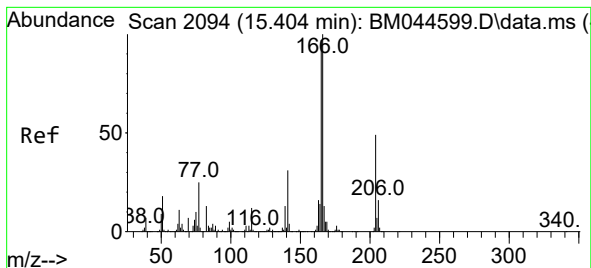
Tgt Ion:	232	Resp:	372033
Ion	Ratio	Lower	Upper
232	100		
131	50.4	41.0	61.4
130	2.6	2.1	3.1
166	32.1	26.6	39.8



#60
Diethylphthalate
Concen: 38.747 ng
RT: 15.192 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion:	149	Resp:	1552228
Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.8	25.2
150	12.2	9.8	14.8

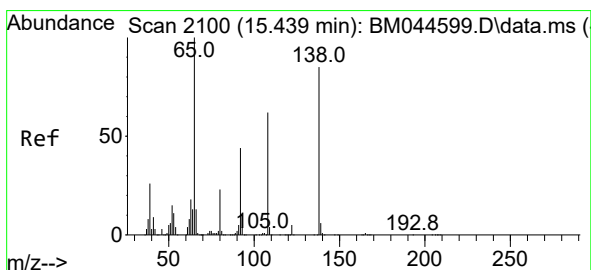
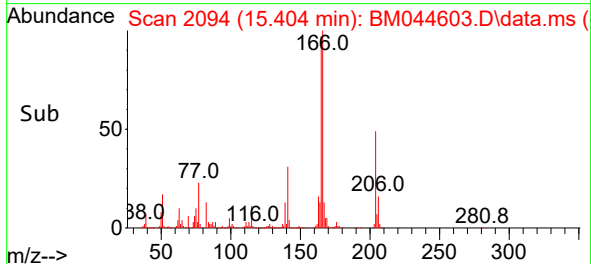
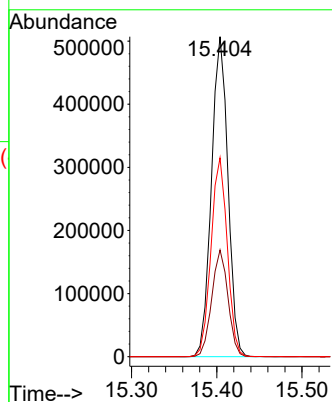
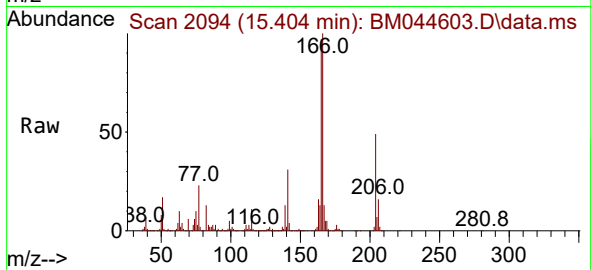




#61
4-Chlorophenyl-phenylether
Concen: 38.112 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

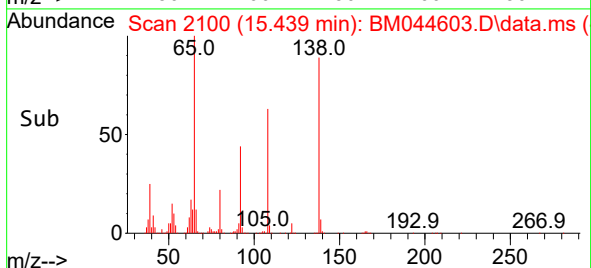
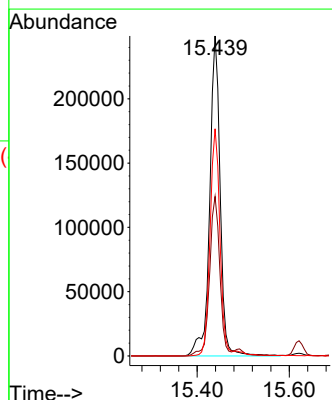
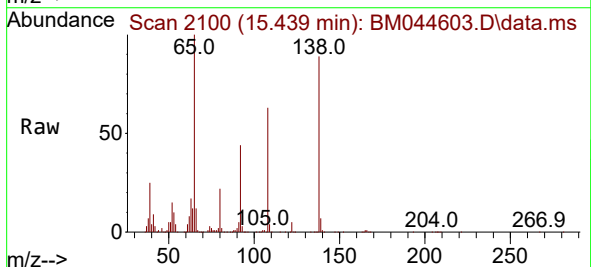
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

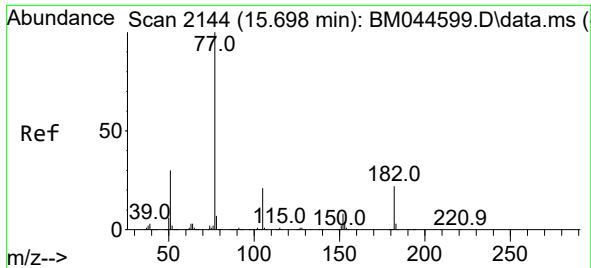
Tgt Ion:204 Resp: 681396
Ion Ratio Lower Upper
204 100
206 33.3 25.9 38.9
141 62.2 49.8 74.8



#62
4-Nitroaniline
Concen: 41.130 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion:138 Resp: 396470
Ion Ratio Lower Upper
138 100
92 49.9 31.9 71.9
108 71.0 53.7 93.7

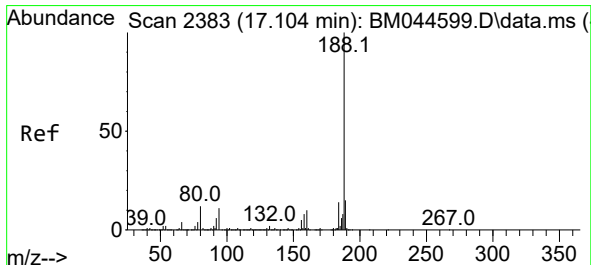
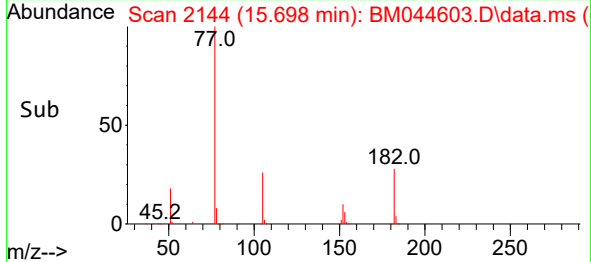
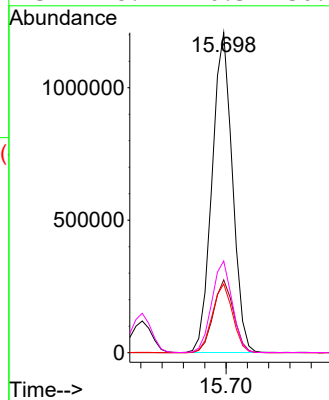
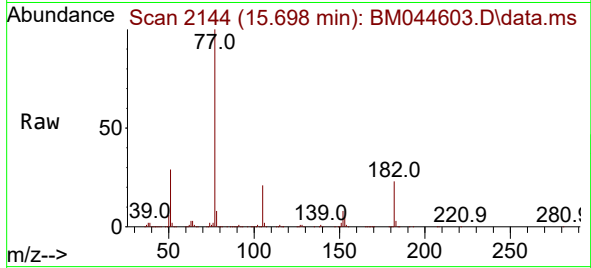




#63
Azobenzene
Concen: 38.561 ng
RT: 15.698 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

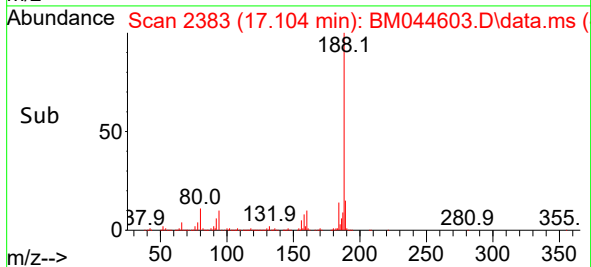
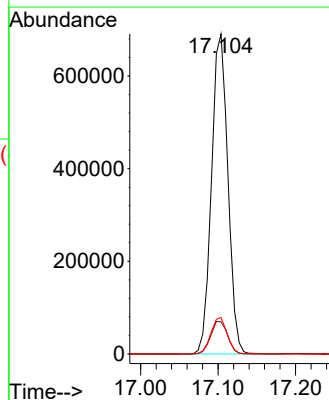
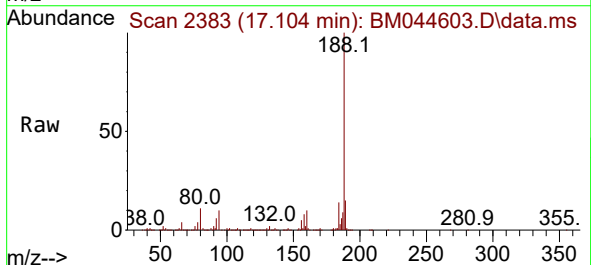
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

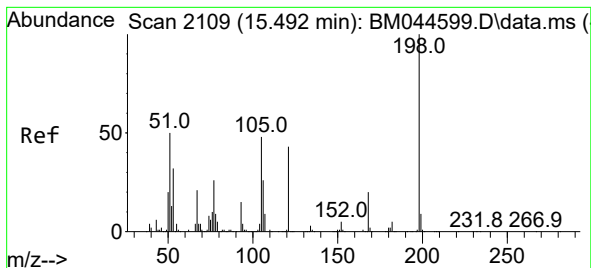
Tgt Ion: 77 Resp: 1596848
Ion Ratio Lower Upper
77 100
182 22.8 1.8 41.8
105 21.4 0.7 40.7
51 28.7 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion:188 Resp: 1012509
Ion Ratio Lower Upper
188 100
94 10.1 8.4 12.6
80 11.4 9.4 14.0

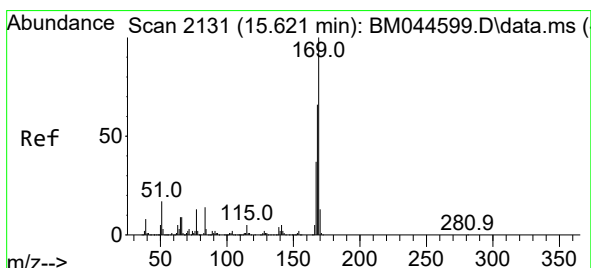
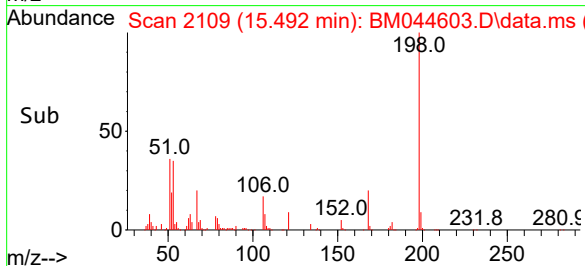
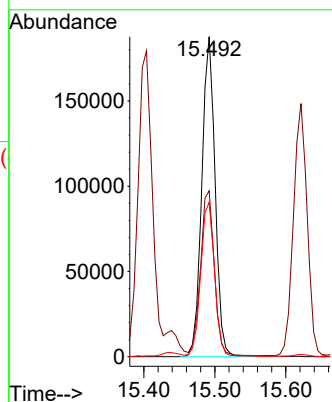
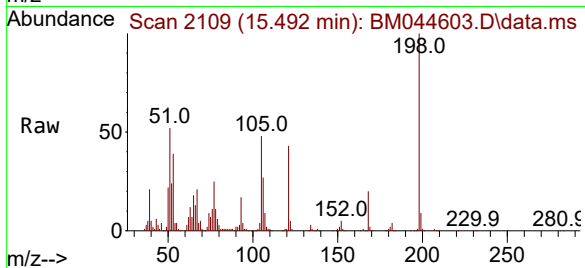




#65
4,6-Dinitro-2-methylphenol
Concen: 38.612 ng
RT: 15.492 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

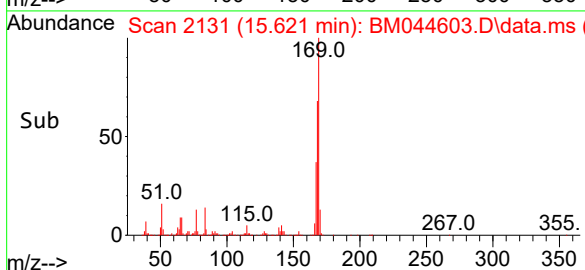
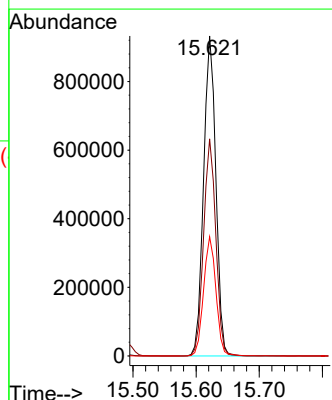
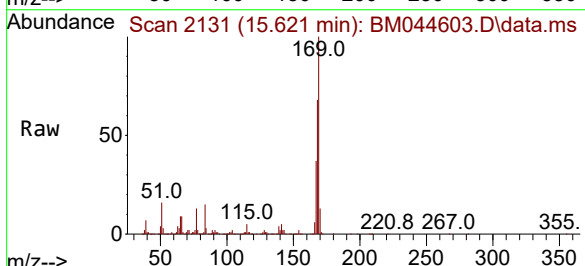
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

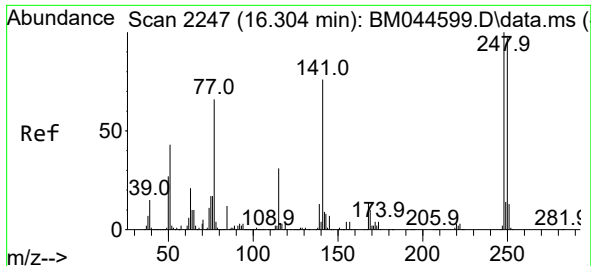
Tgt Ion:198 Resp: 245174
Ion Ratio Lower Upper
198 100
51 51.9 35.0 75.0
105 48.2 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 39.810 ng
RT: 15.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion:169 Resp: 1256243
Ion Ratio Lower Upper
169 100
168 67.8 53.1 79.7
167 37.3 29.5 44.3

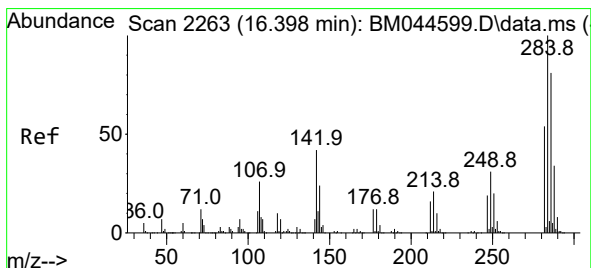
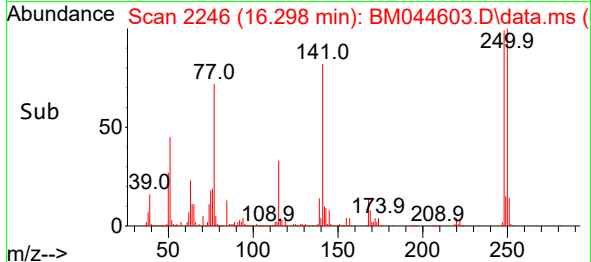
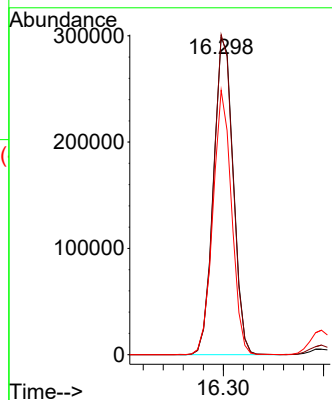
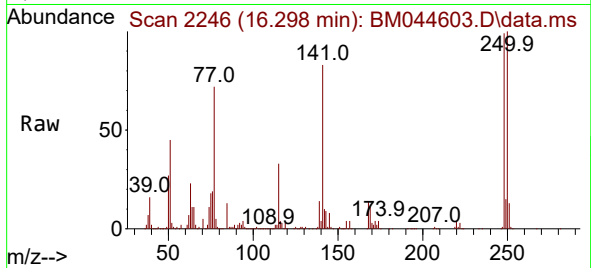




#67
4-Bromophenyl-phenylether
Concen: 39.020 ng
RT: 16.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

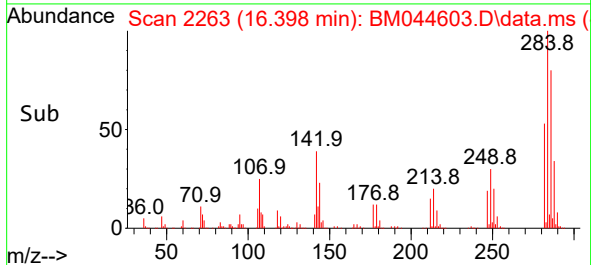
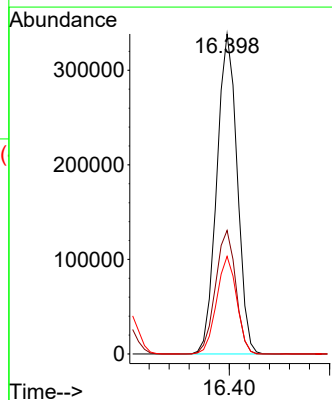
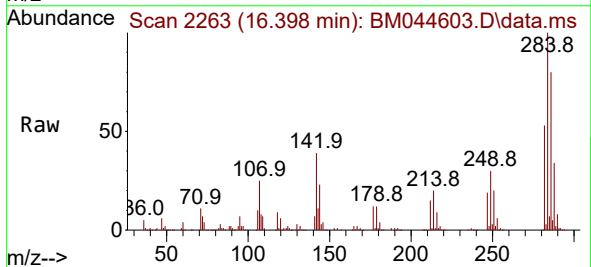
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

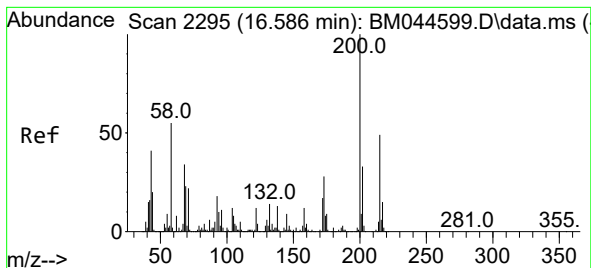
Tgt Ion:248 Resp: 408653
Ion Ratio Lower Upper
248 100
250 100.7 77.8 116.8
141 83.3 60.6 90.8



#68
Hexachlorobenzene
Concen: 42.820 ng
RT: 16.398 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion:284 Resp: 476702
Ion Ratio Lower Upper
284 100
142 38.6 33.7 50.5
249 30.5 24.8 37.2





#69

Atrazine

Concen: 39.686 ng

RT: 16.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

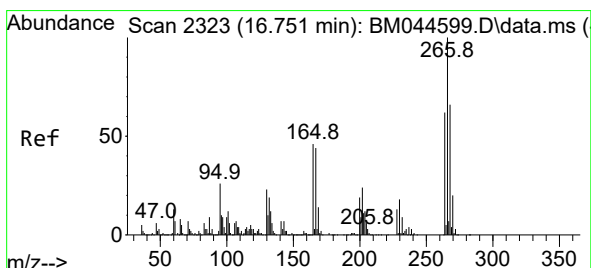
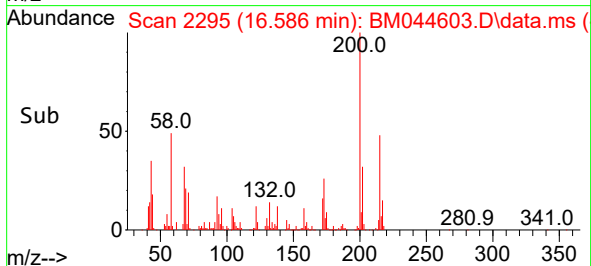
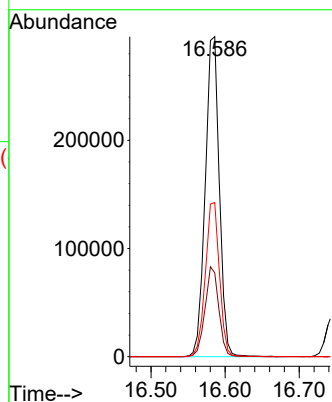
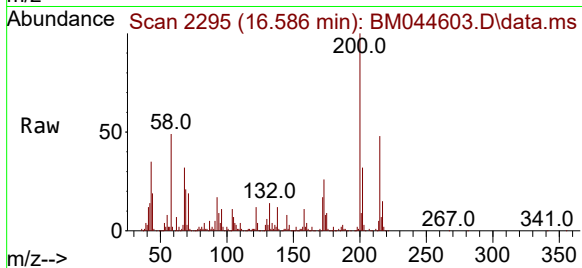
Tgt Ion:200 Resp: 391323

Ion Ratio Lower Upper

200 100

173 26.2 7.7 47.7

215 48.1 28.7 68.7



#70

Pentachlorophenol

Concen: 37.571 ng

RT: 16.745 min Scan# 2322

Delta R.T. -0.006 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

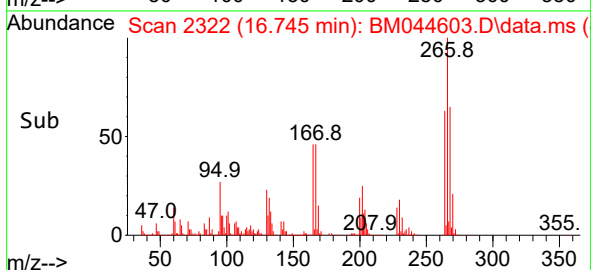
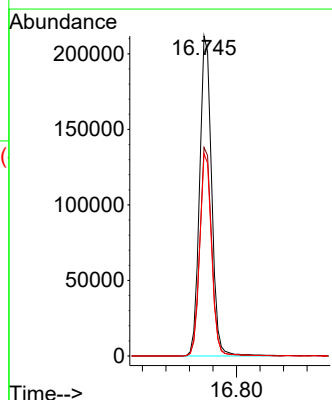
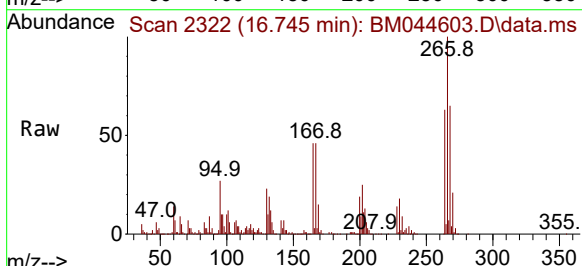
Tgt Ion:266 Resp: 300867

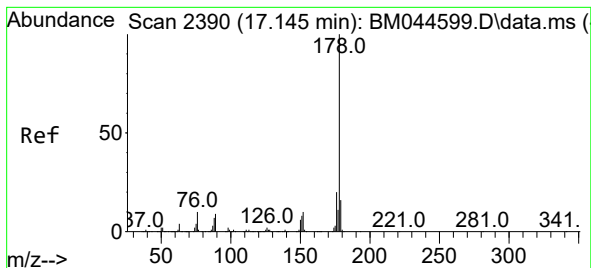
Ion Ratio Lower Upper

266 100

268 65.2 52.4 78.6

264 63.2 49.8 74.8





#71

Phenanthrene

Concen: 39.938 ng

RT: 17.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

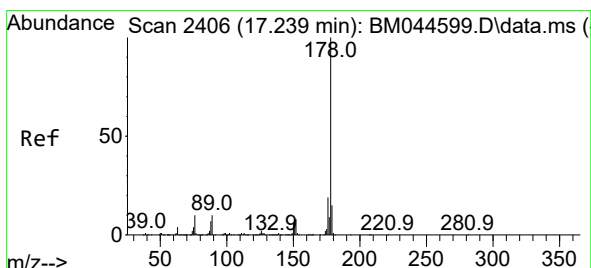
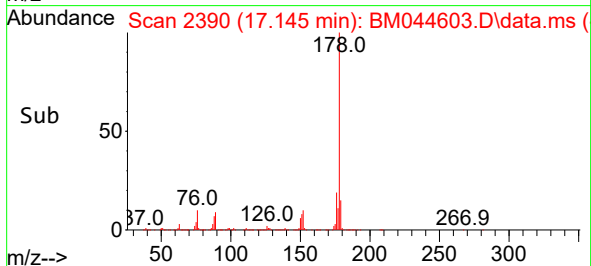
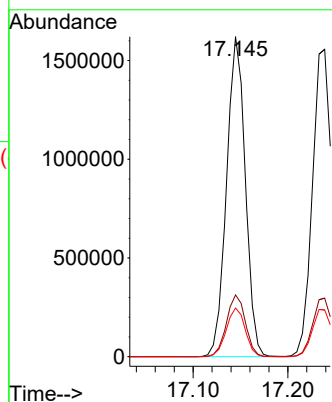
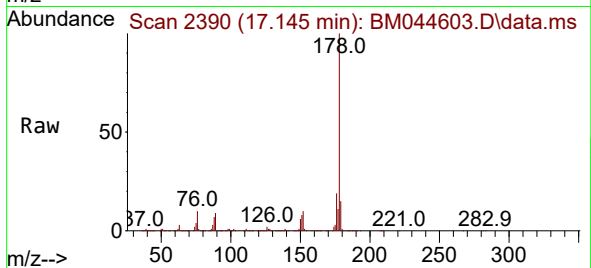
Tgt Ion:178 Resp: 2234644

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

179 15.2 12.4 18.6



#72

Anthracene

Concen: 40.255 ng

RT: 17.239 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

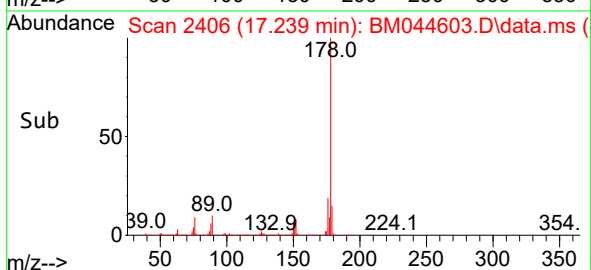
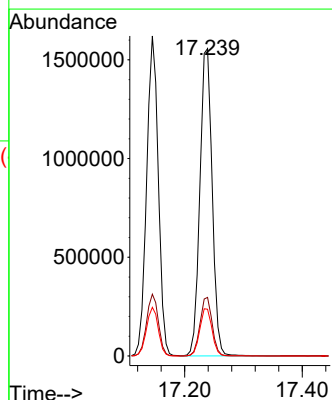
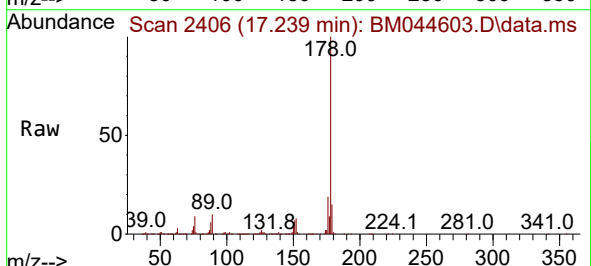
Tgt Ion:178 Resp: 2259058

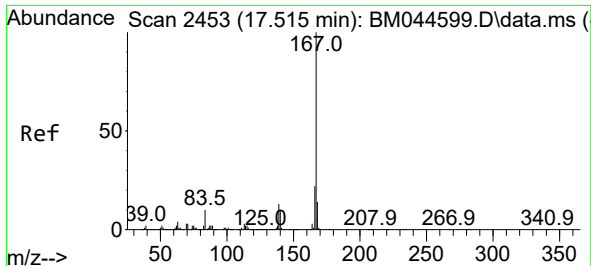
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.2 12.2 18.4



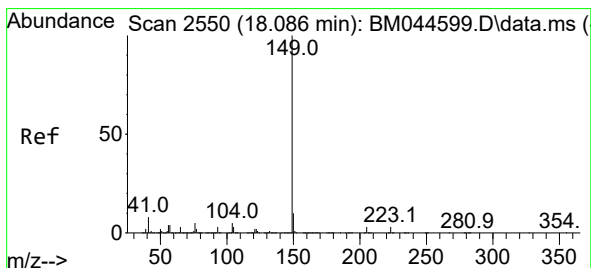
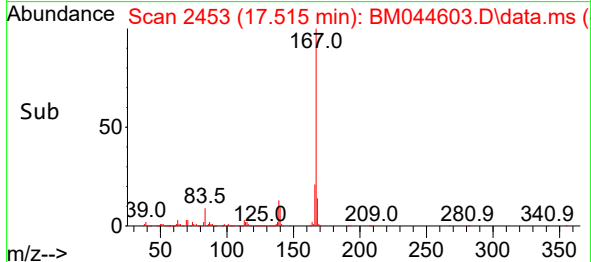
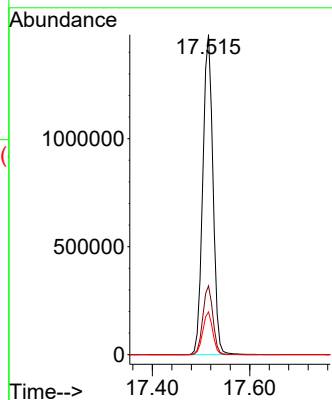
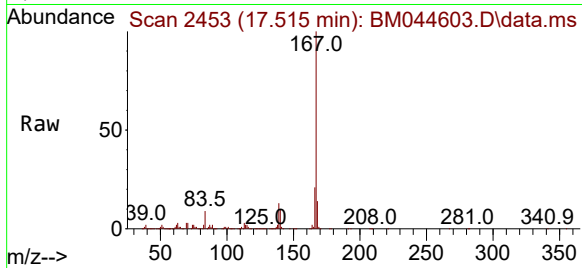


#73
 Carbazole
 Concen: 40.644 ng
 RT: 17.515 min Scan# 2453
 Delta R.T. 0.000 min
 Lab File: BM044603.D
 Acq: 13 Mar 2024 18:35

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031324

Tgt Ion:167 Resp: 2148209

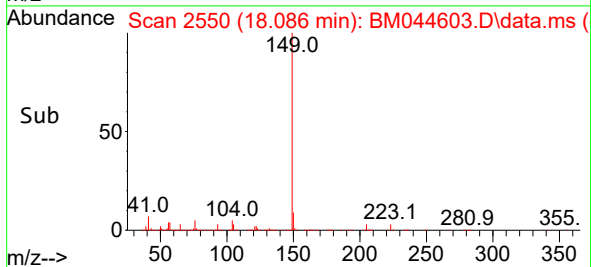
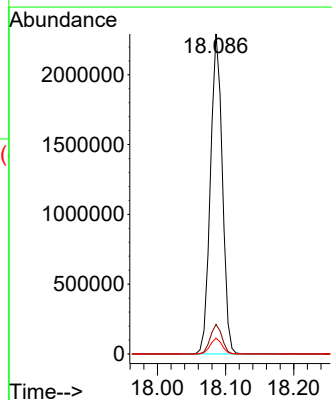
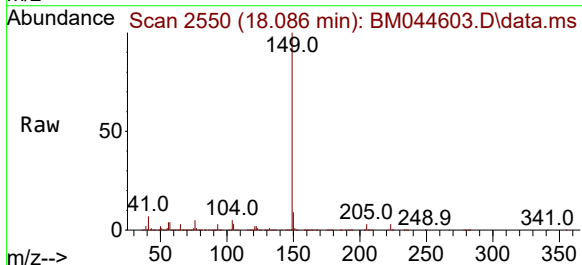
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	13.3	10.6	15.8

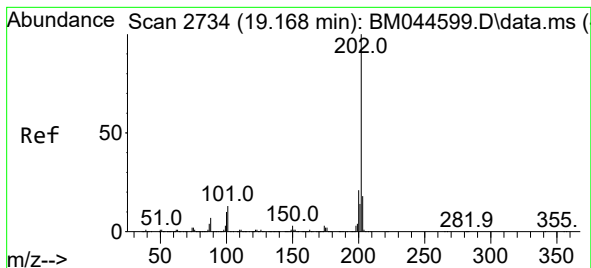


#74
 Di-n-butylphthalate
 Concen: 40.986 ng
 RT: 18.086 min Scan# 2550
 Delta R.T. 0.000 min
 Lab File: BM044603.D
 Acq: 13 Mar 2024 18:35

Tgt Ion:149 Resp: 2791371

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 39.687 ng

RT: 19.168 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

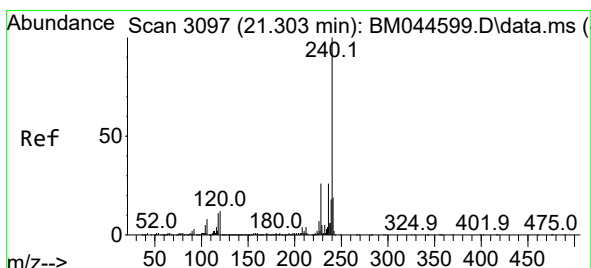
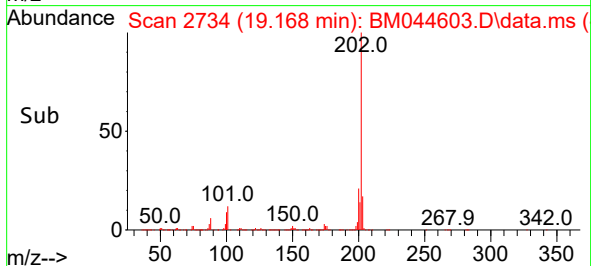
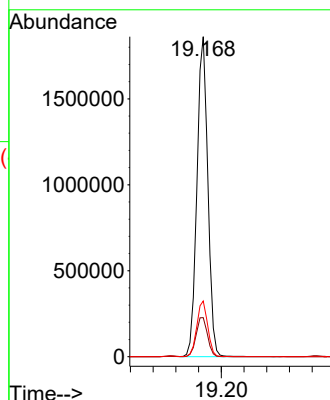
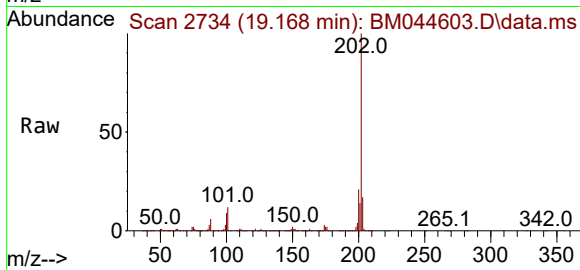
Tgt Ion:202 Resp: 2482353

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.3

203 17.4 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.297 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

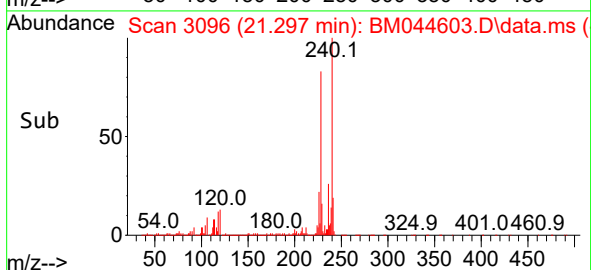
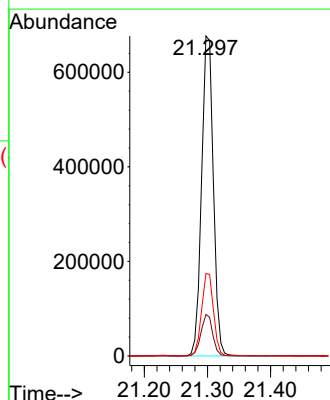
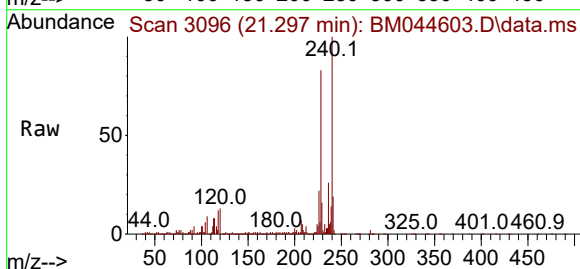
Tgt Ion:240 Resp: 875627

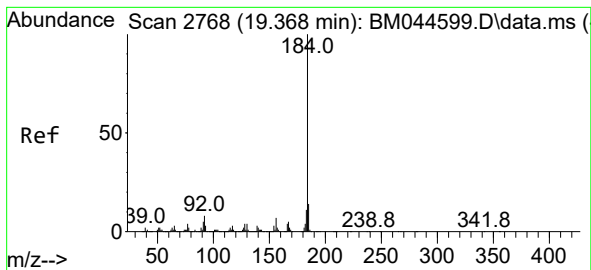
Ion Ratio Lower Upper

240 100

120 12.9 9.7 14.5

236 25.8 21.0 31.4





#77

Benzidine

Concen: 47.847 ng

RT: 19.368 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

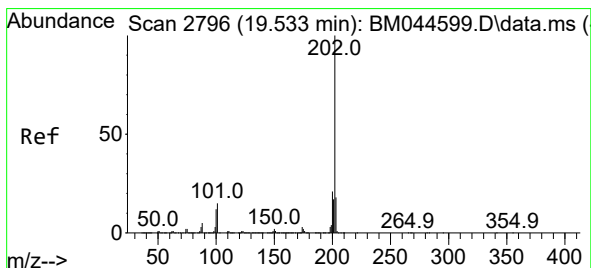
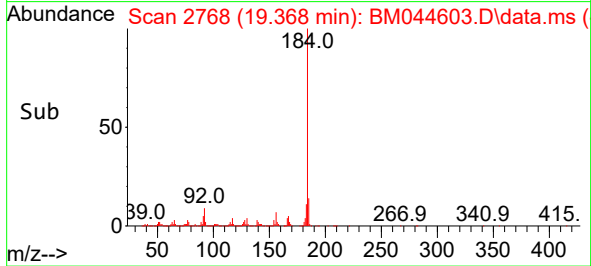
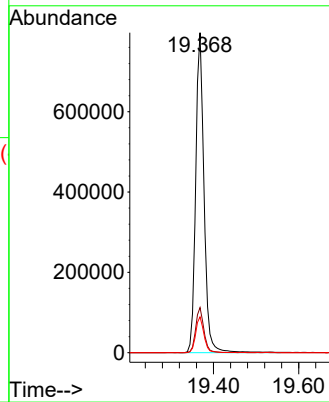
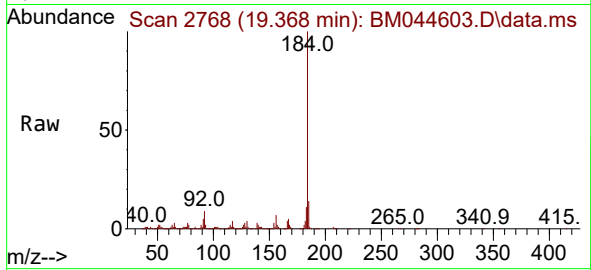
Tgt Ion:184 Resp: 1082825

Ion Ratio Lower Upper

184 100

185 14.1 11.0 16.6

183 11.2 8.7 13.1



#78

Pyrene

Concen: 40.556 ng

RT: 19.533 min Scan# 2796

Delta R.T. -0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

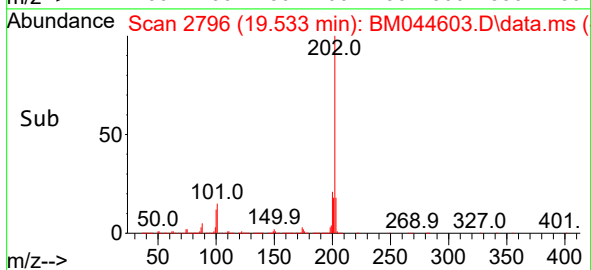
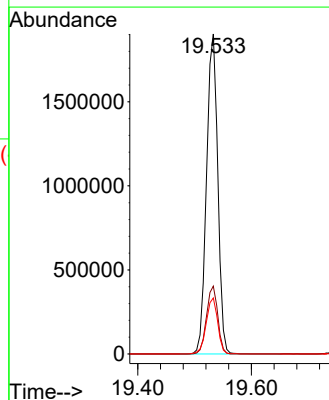
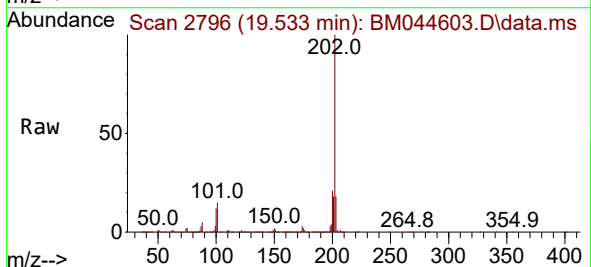
Tgt Ion:202 Resp: 2602731

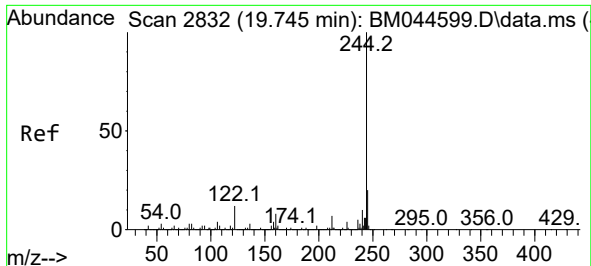
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.5 14.1 21.1

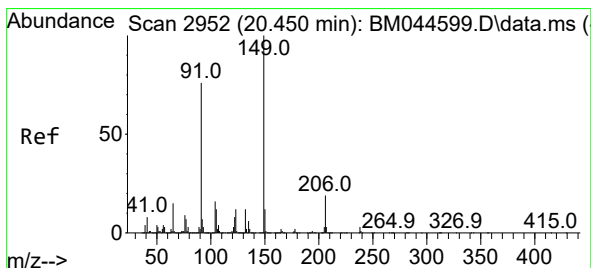
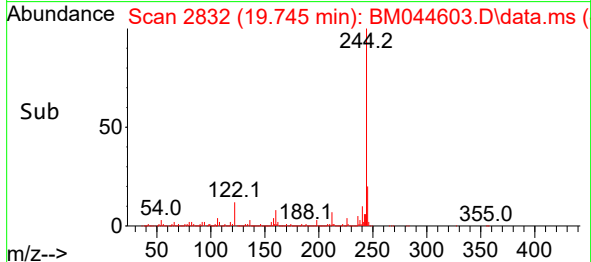
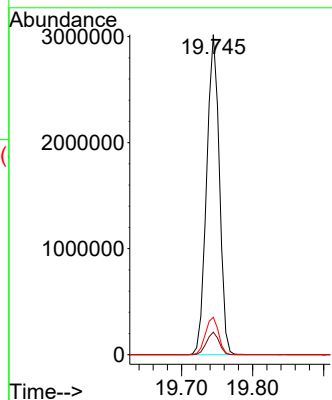
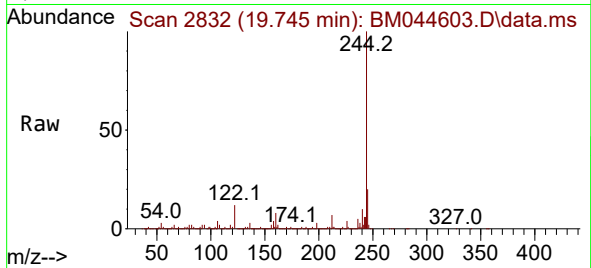




#79
 Terphenyl-d14
 Concen: 75.267 ng
 RT: 19.745 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044603.D
 Acq: 13 Mar 2024 18:35

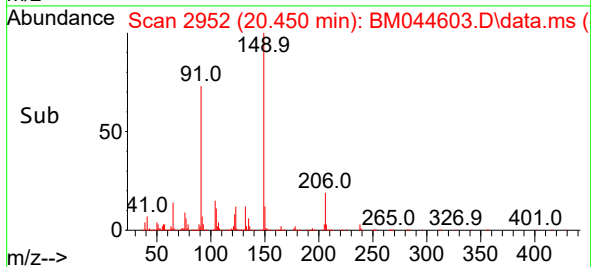
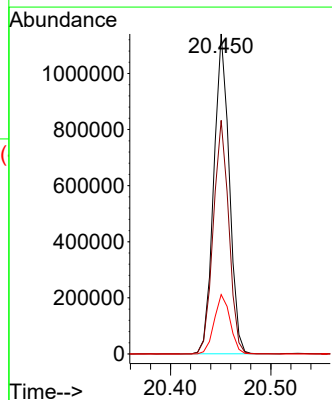
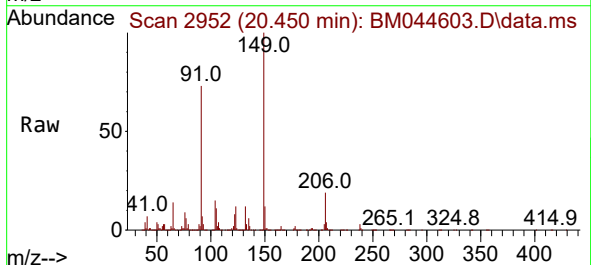
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031324

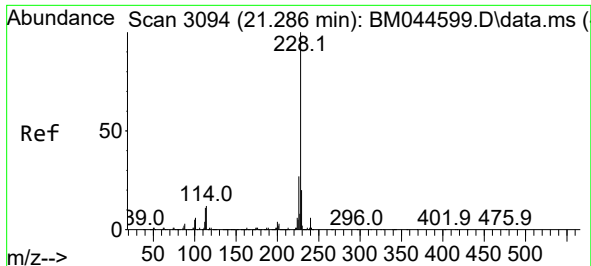
Tgt Ion:244 Resp: 3767443
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.7 9.7 14.5



#80
 Butylbenzylphthalate
 Concen: 42.303 ng
 RT: 20.450 min Scan# 2952
 Delta R.T. 0.000 min
 Lab File: BM044603.D
 Acq: 13 Mar 2024 18:35

Tgt Ion:149 Resp: 1223539
 Ion Ratio Lower Upper
 149 100
 91 73.0 61.0 91.6
 206 18.5 15.0 22.6

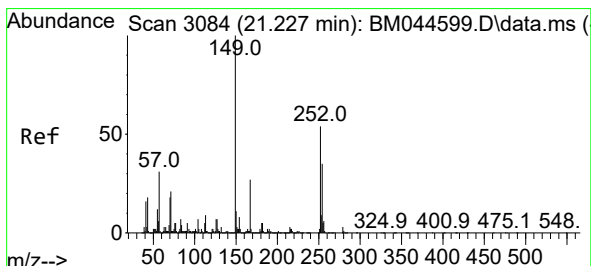
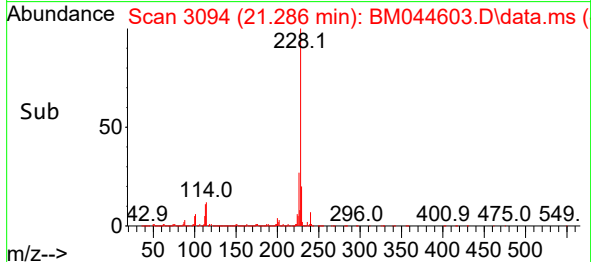
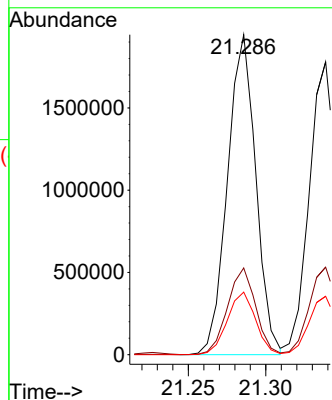
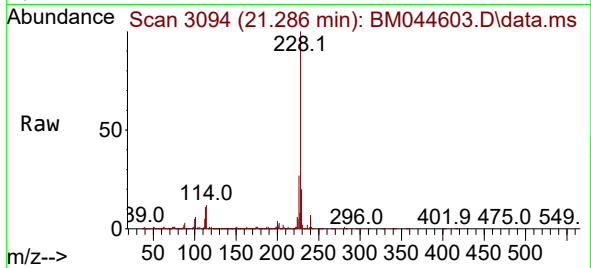




#81
Benzo(a)anthracene
Concen: 40.536 ng
RT: 21.286 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

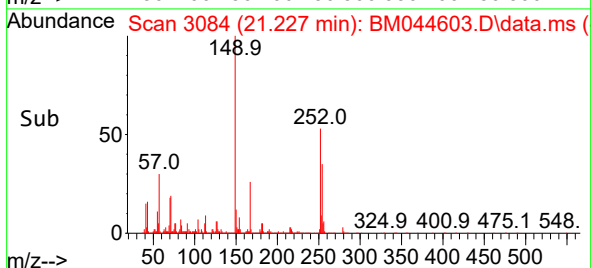
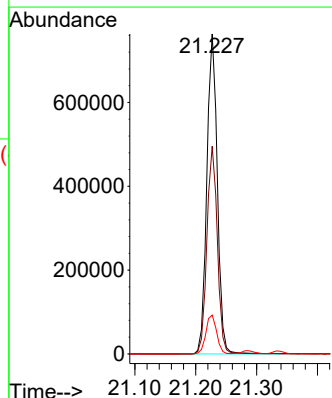
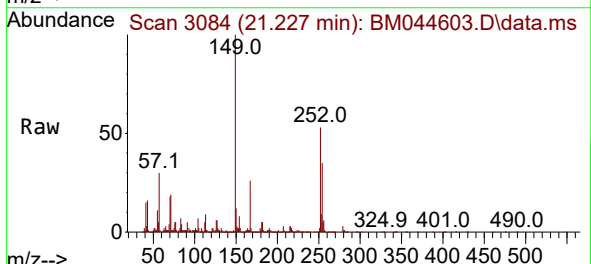
Instrument :
BNA_M
ClientSampleId :
ICVBM031324

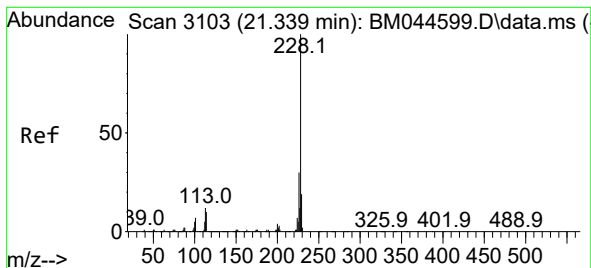
Tgt Ion:228 Resp: 2469701
Ion Ratio Lower Upper
228 100
226 27.1 21.9 32.9
229 19.5 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 43.530 ng
RT: 21.227 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BM044603.D
Acq: 13 Mar 2024 18:35

Tgt Ion:252 Resp: 913405
Ion Ratio Lower Upper
252 100
254 64.9 51.4 77.0
126 12.1 9.8 14.6





#83

Chrysene

Concen: 38.755 ng

RT: 21.339 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

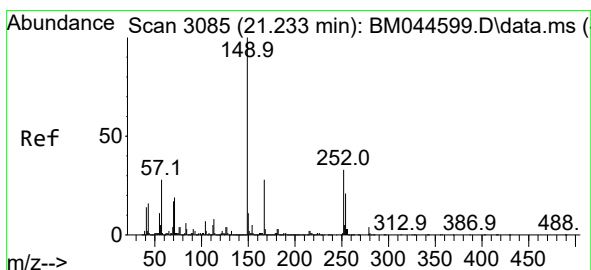
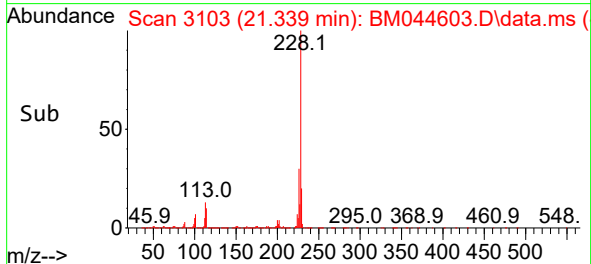
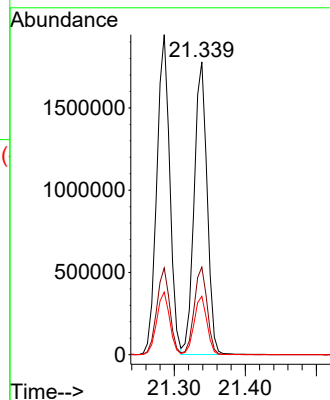
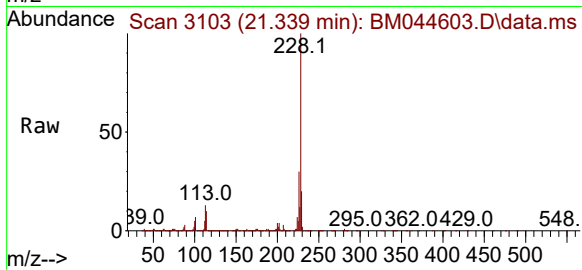
Tgt Ion:228 Resp: 2256259

Ion Ratio Lower Upper

228 100

226 29.9 23.6 35.4

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.209 ng

RT: 21.233 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

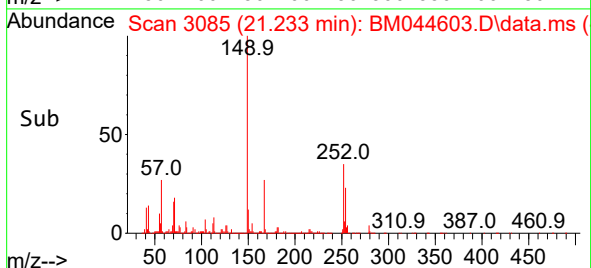
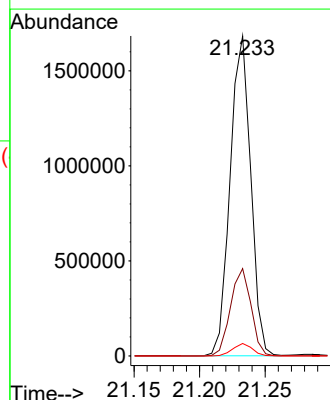
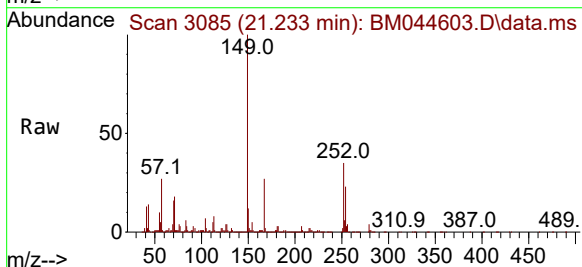
Tgt Ion:149 Resp: 1839208

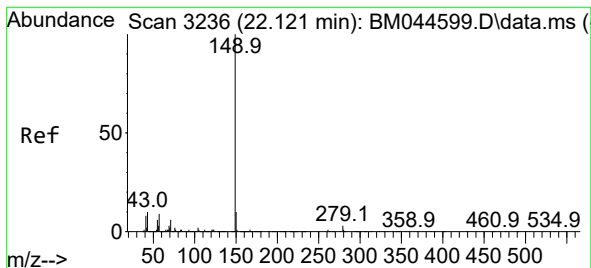
Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

279 3.9 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 42.920 ng

RT: 22.121 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

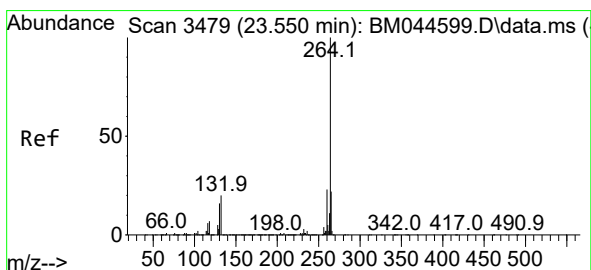
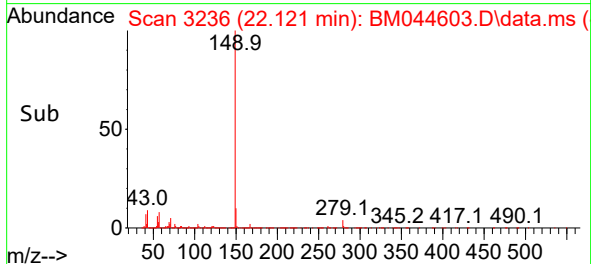
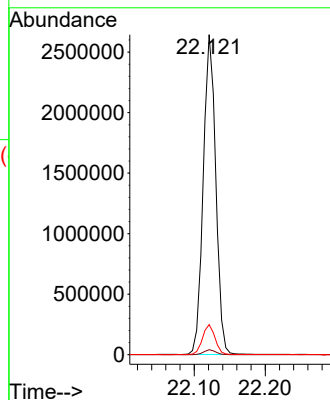
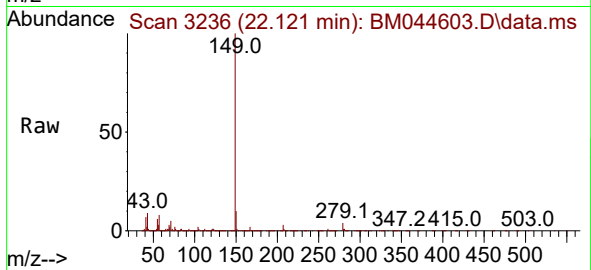
Tgt Ion:149 Resp: 3243996

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.4 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.550 min Scan# 3479

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

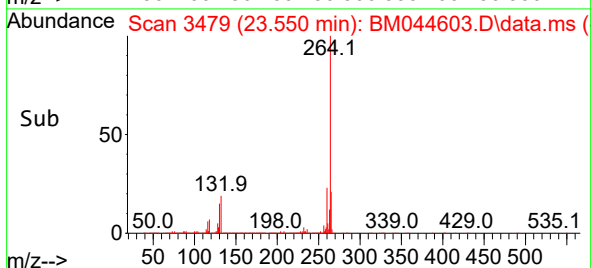
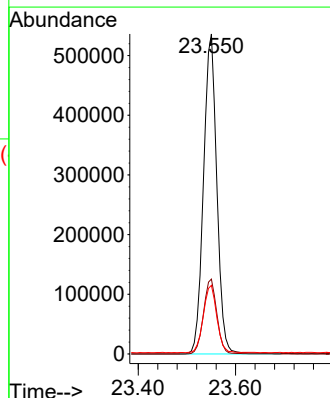
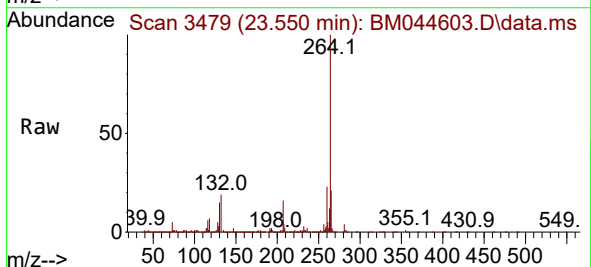
Tgt Ion:264 Resp: 1015451

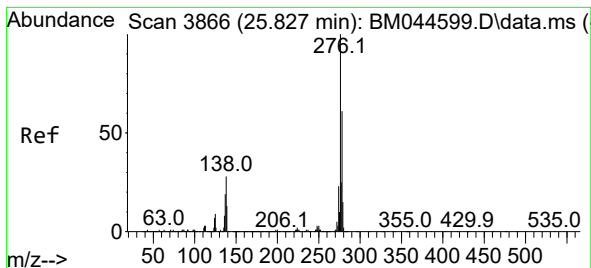
Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.784 ng

RT: 25.827 min Scan# 3866

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

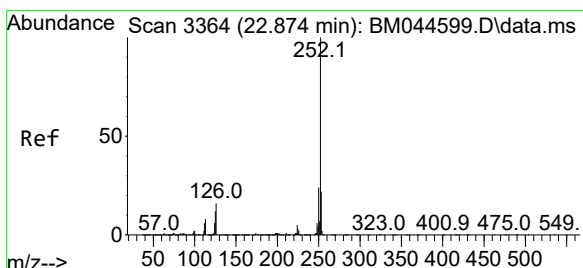
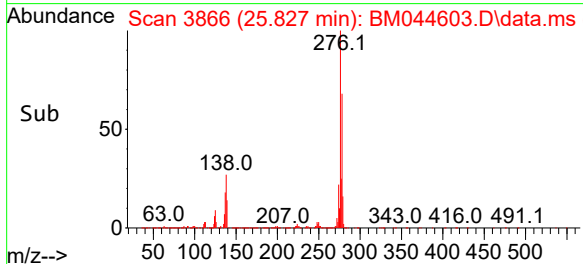
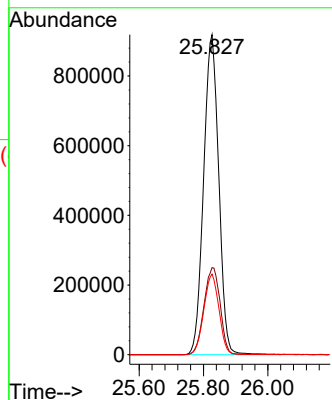
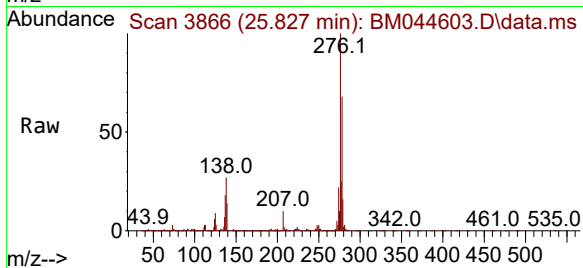
Tgt Ion:276 Resp: 2993871

Ion Ratio Lower Upper

276 100

138 29.1 23.6 35.4

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.424 ng

RT: 22.874 min Scan# 3364

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

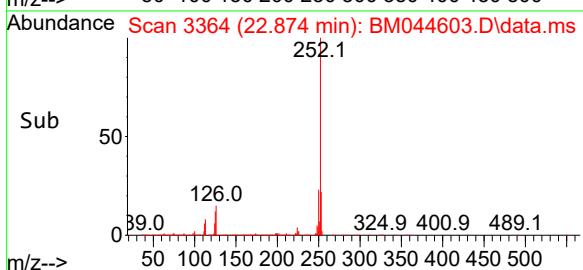
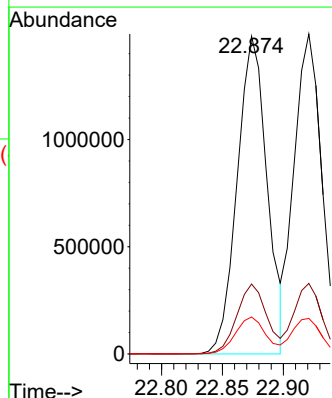
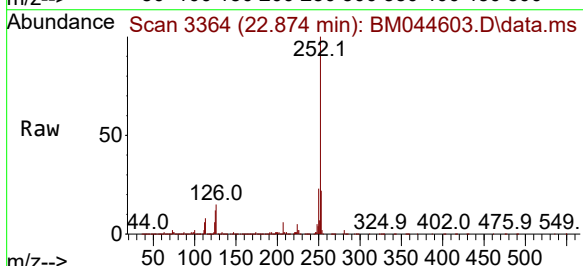
Tgt Ion:252 Resp: 2531653

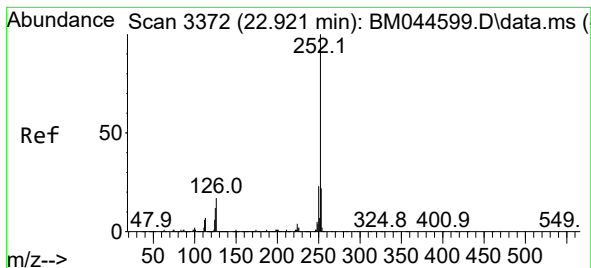
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 11.6 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 38.605 ng

RT: 22.921 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

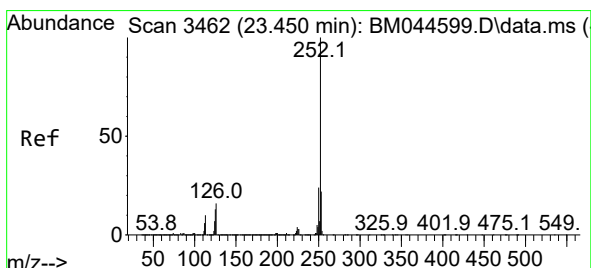
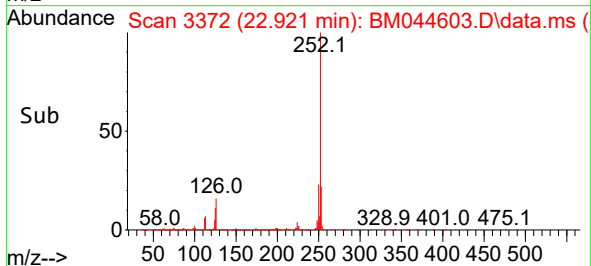
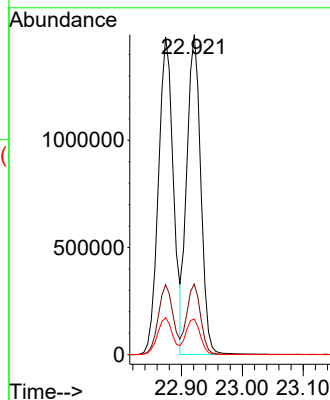
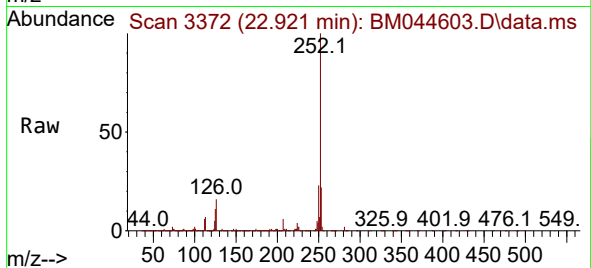
Tgt Ion:252 Resp: 2368340

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.1 9.4 14.0



#90

Benzo(a)pyrene

Concen: 38.236 ng

RT: 23.450 min Scan# 3462

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

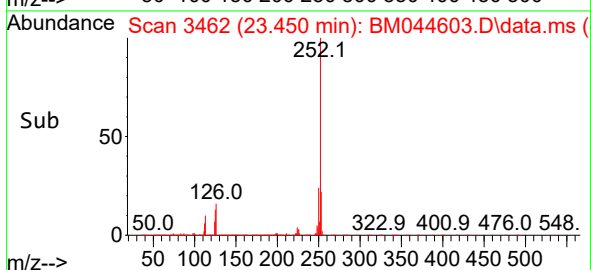
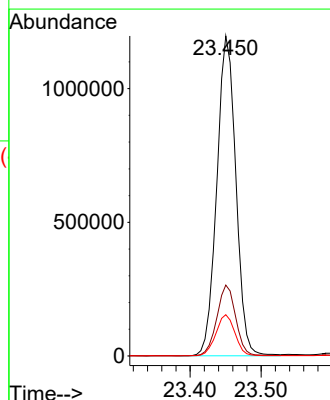
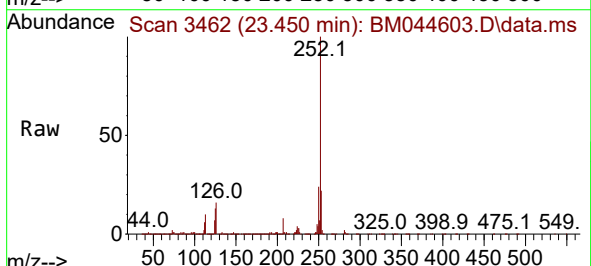
Tgt Ion:252 Resp: 2225530

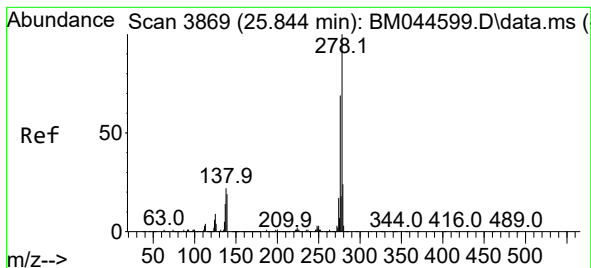
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 12.9 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 40.727 ng

RT: 25.844 min Scan# 3869

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Instrument :

BNA_M

ClientSampleId :

ICVBM031324

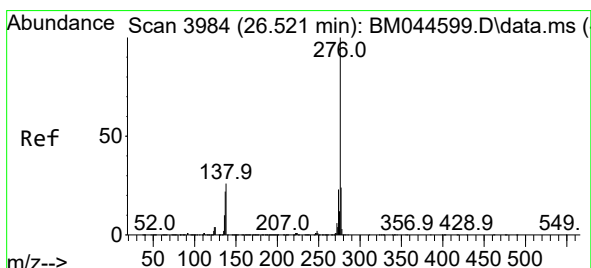
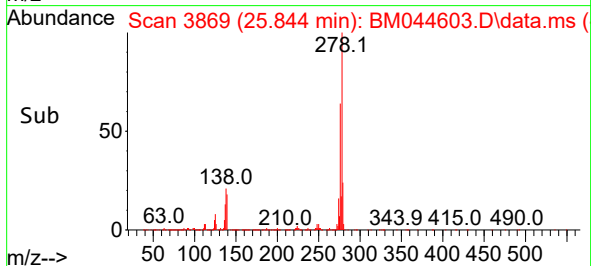
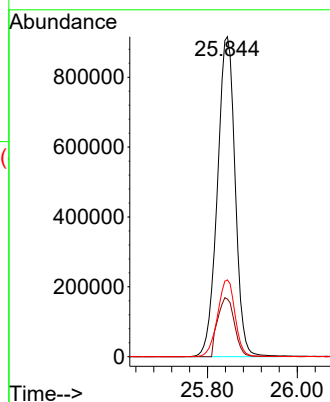
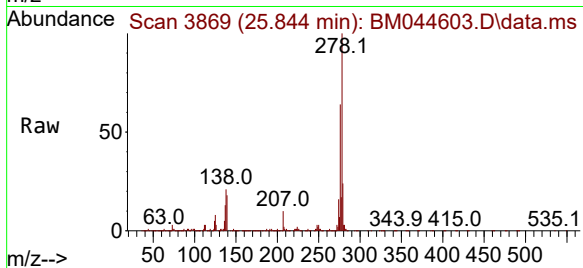
Tgt Ion:278 Resp: 2520475

Ion Ratio Lower Upper

278 100

139 18.0 15.0 22.6

279 24.0 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 39.791 ng

RT: 26.521 min Scan# 3984

Delta R.T. 0.000 min

Lab File: BM044603.D

Acq: 13 Mar 2024 18:35

Tgt Ion:276 Resp: 2424090

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 25.4 20.7 31.1

