

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039053.D
 Acq On : 20 Mar 2023 20:32
 Operator : CG/JU
 Sample : 01944-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MC-1MS

Quant Time: Mar 21 01:49:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	319428	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1269822	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	678905	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	1308603	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1180683	20.000	ng	0.00
86) Perylene-d12	23.968	264	1385169	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2307063	109.730	ng	0.00
7) Phenol-d6	7.134	99	2848446	104.304	ng	0.00
23) Nitrobenzene-d5	9.140	82	1750916	67.731	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	786116	100.093	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	3315847	63.581	ng	0.00
79) Terphenyl-d14	19.974	244	4042905	62.606	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	391740	41.882	ng	98
3) Pyridine	3.799	79	946531	36.488	ng	97
4) n-Nitrosodimethylamine	3.710	42	479277	45.403	ng	98
6) Aniline	7.298	93	1132240	31.576	ng	99
8) 2-Chlorophenol	7.534	128	1062176	47.453	ng	99
9) Benzaldehyde	7.104	77	847441	65.211	ng	99
10) Phenol	7.157	94	1382044	47.656	ng	99
11) bis(2-Chloroethyl)ether	7.393	93	1086018	46.060	ng	100
12) 1,3-Dichlorobenzene	7.857	146	1151600	48.412	ng	100
13) 1,4-Dichlorobenzene	8.010	146	1167676	48.266	ng	99
14) 1,2-Dichlorobenzene	8.328	146	1116493	47.910	ng	100
15) Benzyl Alcohol	8.216	79	919080	46.954	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.510	45	1434307	48.167	ng	100
17) 2-Methylphenol	8.416	107	872174	43.780	ng	99
18) Hexachloroethane	9.057	117	446814	50.057	ng	99
19) n-Nitroso-di-n-propyla...	8.787	70	806119	46.864	ng	99
20) 3+4-Methylphenols	8.745	107	1144698	43.033	ng	100
22) Acetophenone	8.798	105	1600140	44.914	ng	100
24) Nitrobenzene	9.181	77	1184301	43.587	ng	99
25) Isophorone	9.710	82	2127247	44.717	ng	99
26) 2-Nitrophenol	9.898	139	535007	44.806	ng	98
27) 2,4-Dimethylphenol	9.957	122	932053	44.966	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	1350252	44.175	ng	100
29) 2,4-Dichlorophenol	10.428	162	879002	44.729	ng	99
30) 1,2,4-Trichlorobenzene	10.645	180	955439	44.491	ng	99
31) Naphthalene	10.834	128	3134534	43.290	ng	99
32) Benzoic acid	10.086	122	680254	45.120	ng	99
33) 4-Chloroaniline	10.945	127	361246	11.707	ng	99
34) Hexachlorobutadiene	11.122	225	536936	43.601	ng	99
35) Caprolactam	11.739	113	276953	46.305	ng	98
36) 4-Chloro-3-methylphenol	12.069	107	933032	44.587	ng	99
37) 2-Methylnaphthalene	12.445	142	2034012	41.911	ng	98
38) 1-Methylnaphthalene	12.663	142	1896060	41.690	ng	100
40) 1,2,4,5-Tetrachloroben...	12.810	216	989352	44.826	ng	99
41) Hexachlorocyclopentadiene	12.792	237	1218028	100.540	ng	99
43) 2,4,6-Trichlorophenol	13.045	196	647669	45.317	ng	99

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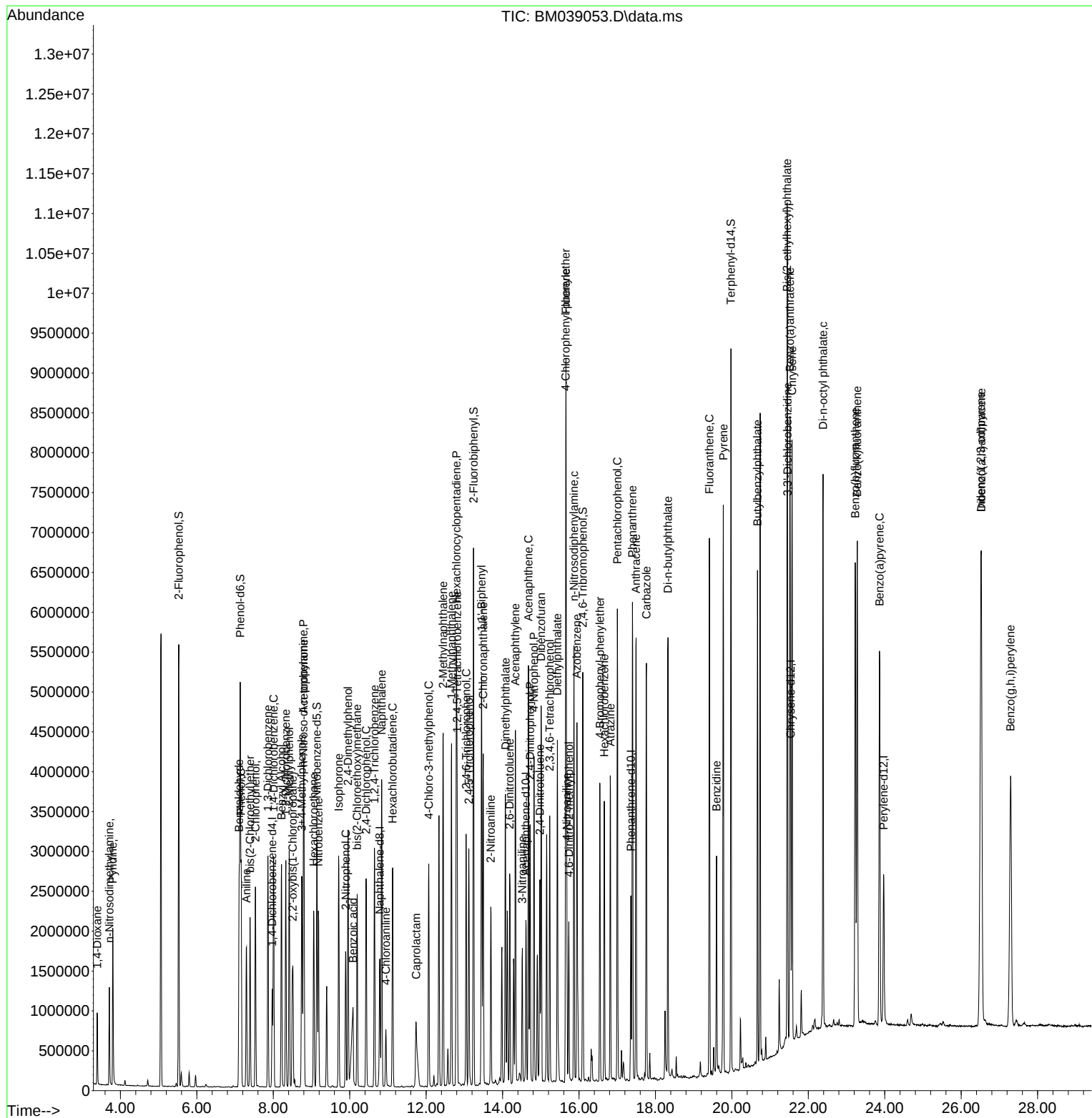
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	684399	40.911	ng	100
46) 1,1'-Biphenyl	13.451	154	2576586	44.798	ng	100
47) 2-Chloronaphthalene	13.492	162	1938950	44.707	ng	99
48) 2-Nitroaniline	13.692	65	602625	43.610	ng	97
49) Acenaphthylene	14.333	152	3038783	43.988	ng	100
50) Dimethylphthalate	14.074	163	2256487	43.194	ng	100
51) 2,6-Dinitrotoluene	14.186	165	487588	42.379	ng	95
52) Acenaphthene	14.674	154	1880509	44.293	ng	98
53) 3-Nitroaniline	14.516	138	340595	25.972	ng	99
54) 2,4-Dinitrophenol	14.722	184	610339	91.138	ng	96
55) Dibenzofuran	15.010	168	2829387	42.587	ng	100
56) 4-Nitrophenol	14.821	139	989660	95.386	ng	98
57) 2,4-Dinitrotoluene	14.974	165	657693	43.461	ng	98
58) Fluorene	15.657	166	2296072	44.120	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.233	232	571778	44.318	ng	98
60) Diethylphthalate	15.433	149	2275125	44.758	ng	100
61) 4-Chlorophenyl-phenyle...	15.651	204	1083043	42.361	ng	97
62) 4-Nitroaniline	15.680	138	545636	39.994	ng	100
63) Azobenzene	15.945	77	2697817	50.159	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	368571	43.403	ng	100
66) n-Nitrosodiphenylamine	15.868	169	1902993	43.136	ng	100
67) 4-Bromophenyl-phenylether	16.545	248	620857	43.925	ng	95
68) Hexachlorobenzene	16.663	284	693907	43.916	ng	99
69) Atrazine	16.821	200	612956	50.868	ng	99
70) Pentachlorophenol	17.004	266	939155	80.812	ng	99
71) Phenanthrene	17.398	178	3449727	44.917	ng	100
72) Anthracene	17.492	178	3375557	44.072	ng	100
73) Carbazole	17.762	167	3169797	45.346	ng	99
74) Di-n-butylphthalate	18.327	149	3978689	46.716	ng	99
75) Fluoranthene	19.409	202	3856611	47.559	ng	98
77) Benzidine	19.598	184	1427083	52.516	ng	98
78) Pyrene	19.774	202	4007204	45.188	ng	100
80) Butylbenzylphthalate	20.668	149	1760804	46.787	ng	96
81) Benzo(a)anthracene	21.521	228	3834420	45.097	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	1131427	43.297	ng	100
83) Chrysene	21.574	228	3612248	43.681	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	2655212	48.666	ng	100
85) Di-n-octyl phthalate	22.386	149	4693121	51.566	ng	100
87) Indeno(1,2,3-cd)pyrene	26.515	276	4958607	47.045	ng	99
88) Benzo(b)fluoranthene	23.227	252	4036072	45.609	ng	99
89) Benzo(k)fluoranthene	23.280	252	4075019	44.248	ng	99
90) Benzo(a)pyrene	23.862	252	3647383	42.826	ng	99
91) Dibenzo(a,h)anthracene	26.527	278	4158950	46.593	ng	98
92) Benzo(g,h,i)perylene	27.291	276	4042744	46.293	ng	98

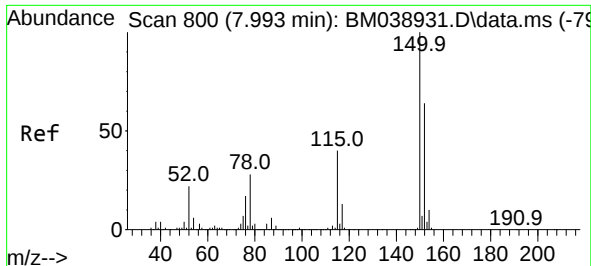
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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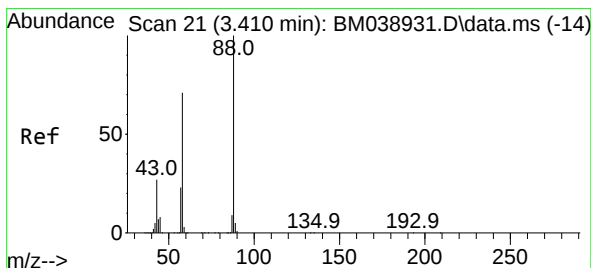
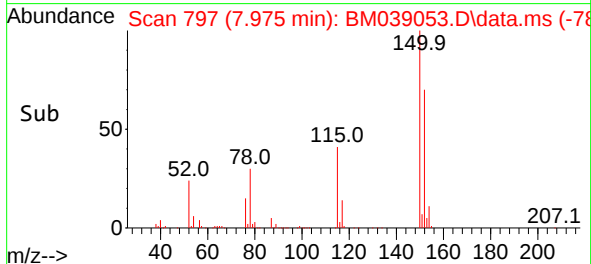
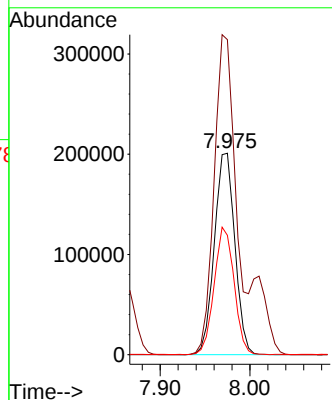
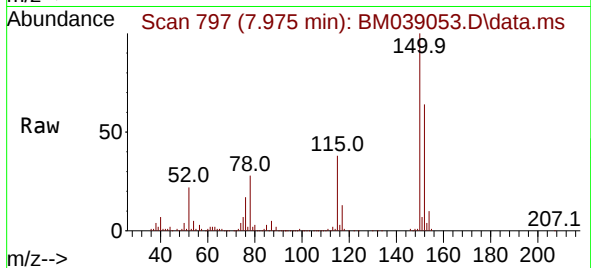




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

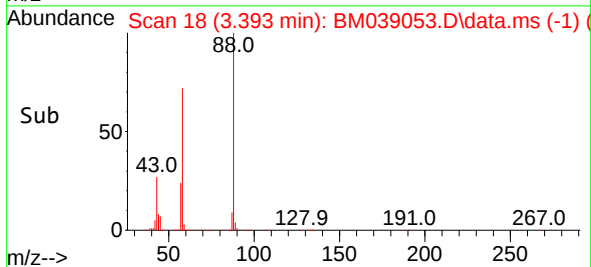
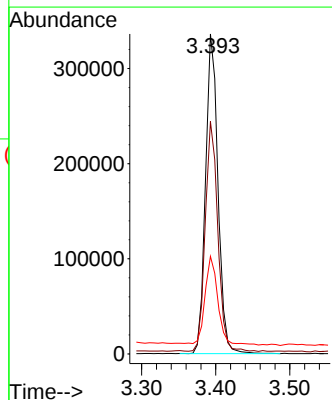
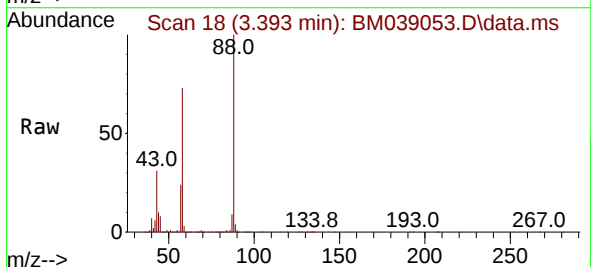
Instrument :
BNA_M
ClientSampleId :
MC-1MS

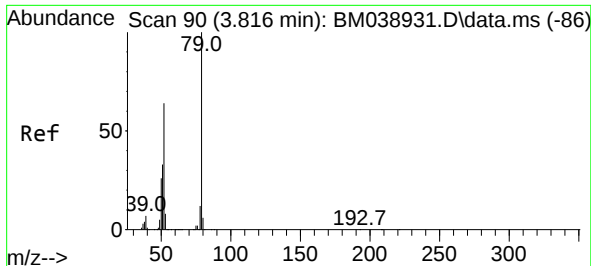
Tgt Ion:152 Resp: 319428
Ion Ratio Lower Upper
152 100
150 156.4 125.1 187.7
115 59.3 49.6 74.4



#2
1,4-Dioxane
Concen: 41.882 ng
RT: 3.393 min Scan# 18
Delta R.T. 0.000 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion: 88 Resp: 391740
Ion Ratio Lower Upper
88 100
58 72.6 57.2 85.8
43 29.0 22.0 33.0



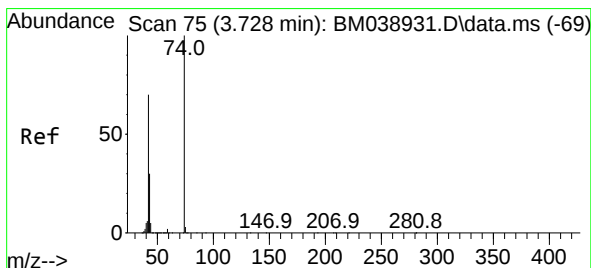
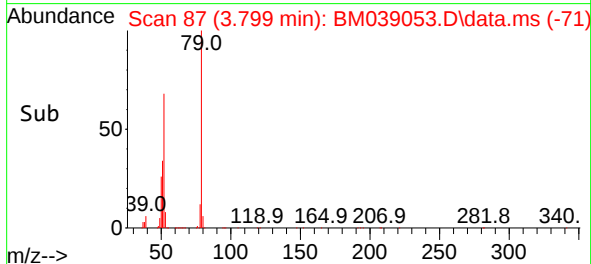
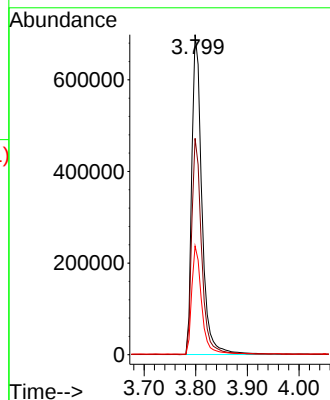
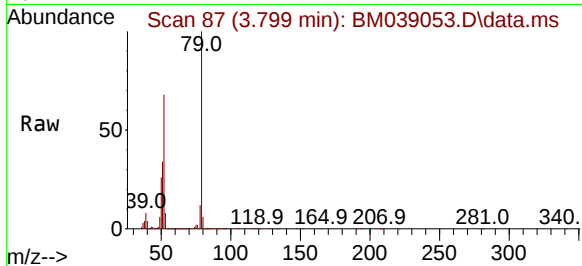


#3
 Pyridine
 Concen: 36.488 ng
 RT: 3.799 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM039053.D
 Acq: 20 Mar 2023 20:32

Instrument :
 BNA_M
 ClientSampleId :
 MC-1MS

Tgt Ion: 79 Resp: 946531

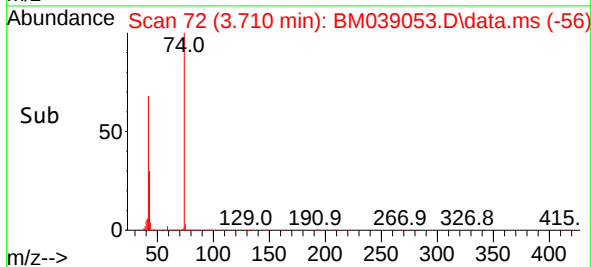
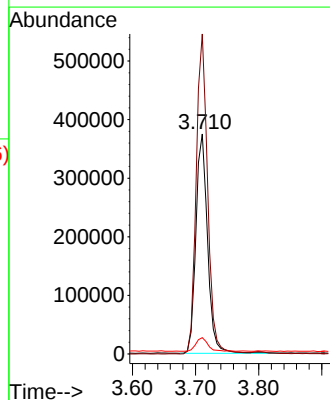
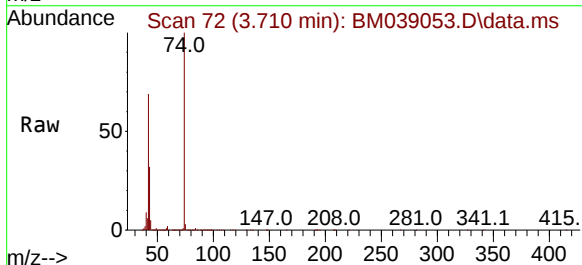
Ion	Ratio	Lower	Upper
79	100		
52	67.6	51.4	77.2
51	33.9	26.6	40.0

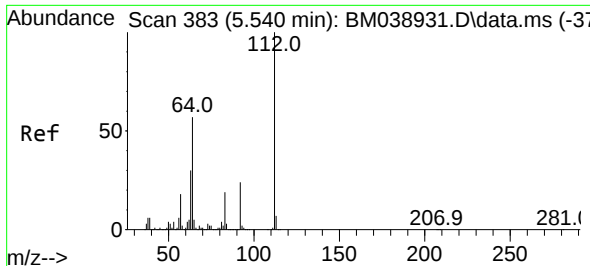


#4
 n-Nitrosodimethylamine
 Concen: 45.403 ng
 RT: 3.710 min Scan# 72
 Delta R.T. -0.006 min
 Lab File: BM039053.D
 Acq: 20 Mar 2023 20:32

Tgt Ion: 42 Resp: 479277

Ion	Ratio	Lower	Upper
42	100		
74	145.4	113.8	170.8
44	7.4	6.2	9.2

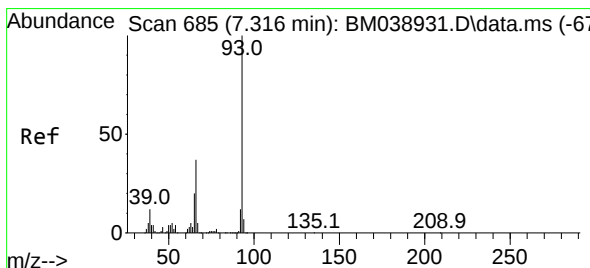
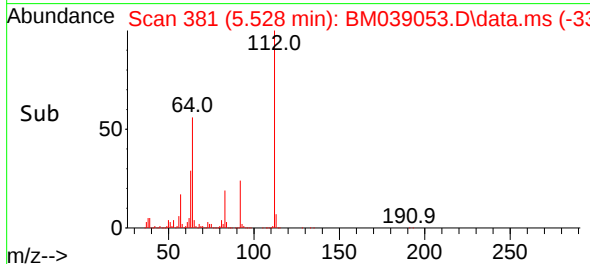
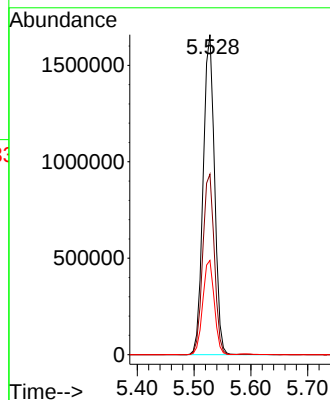
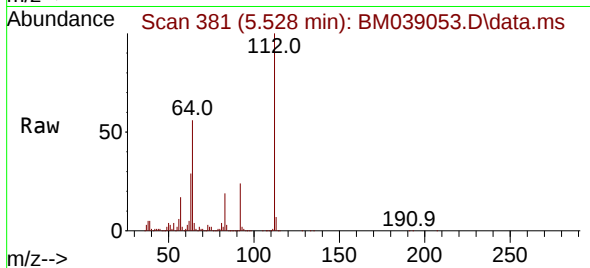




#5
2-Fluorophenol
Concen: 109.730 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

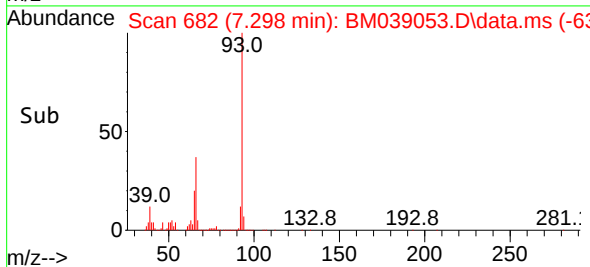
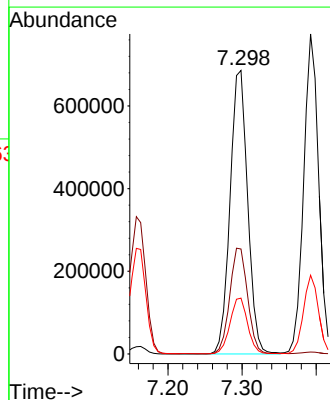
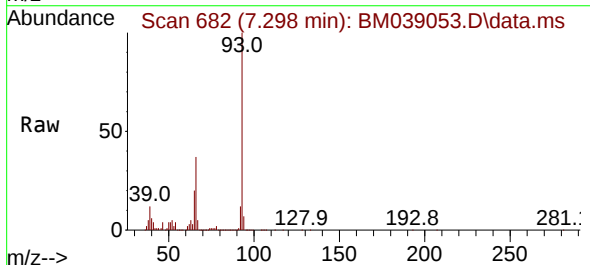
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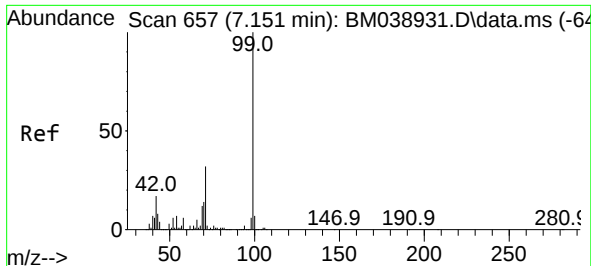
Tgt Ion:112 Resp: 2307063
Ion Ratio Lower Upper
112 100
64 56.4 45.9 68.9
63 29.4 23.8 35.8



#6
Aniline
Concen: 31.576 ng
RT: 7.298 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion: 93 Resp: 1132240
Ion Ratio Lower Upper
93 100
66 37.0 30.0 45.0
65 19.7 15.8 23.6



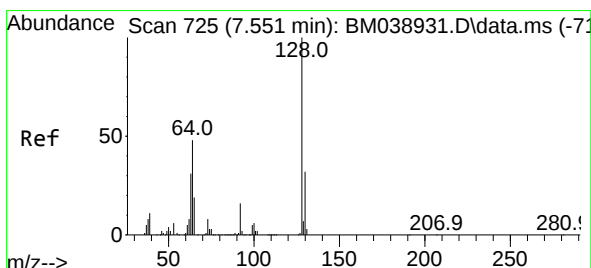
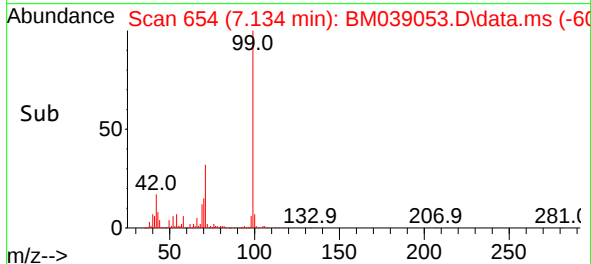
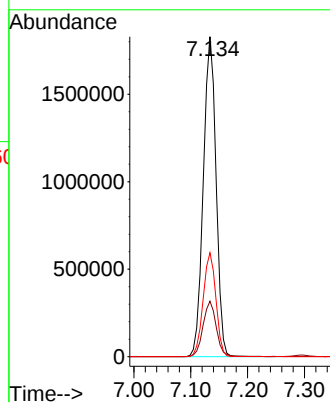
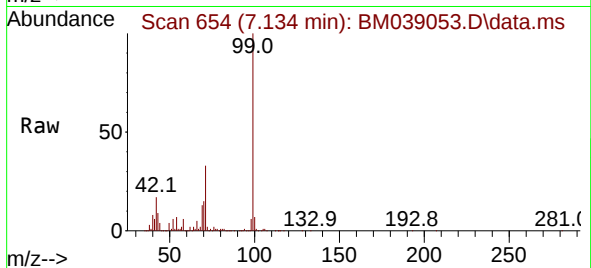


#7
Phenol-d6
Concen: 104.304 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

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Tgt Ion: 99 Resp: 2848446

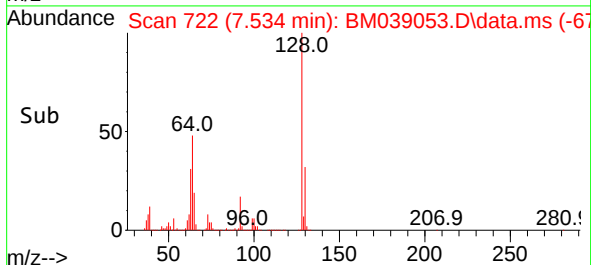
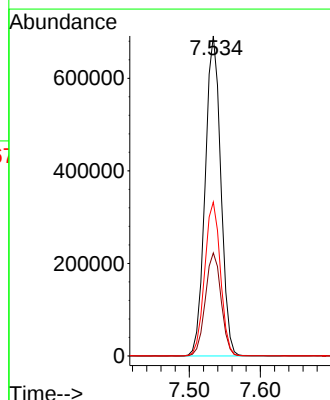
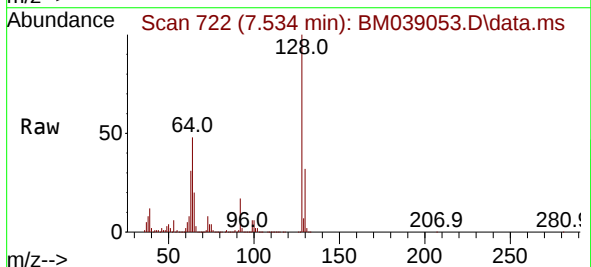
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	32.5	25.6	38.4

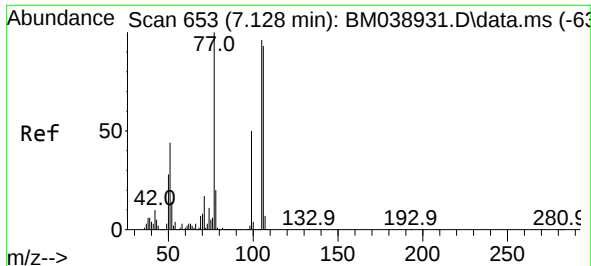


#8
2-Chlorophenol
Concen: 47.453 ng
RT: 7.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion: 128 Resp: 1062176

Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.9	51.9
64	48.1	28.6	68.6

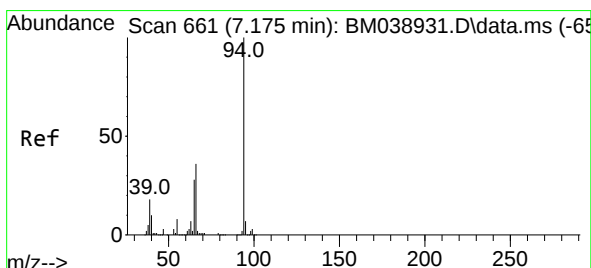
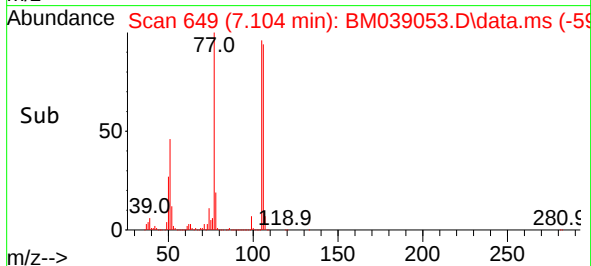
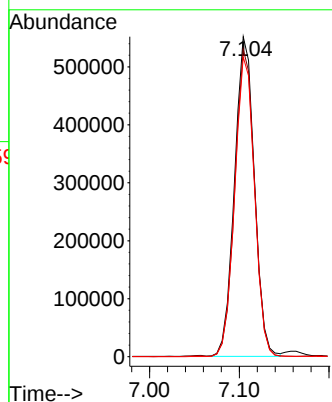
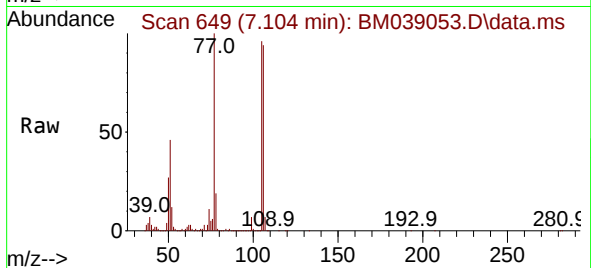




#9
Benzaldehyde
Concen: 65.211 ng
RT: 7.104 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

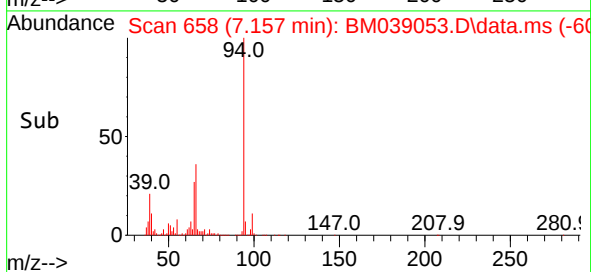
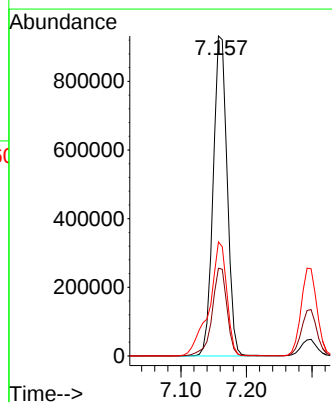
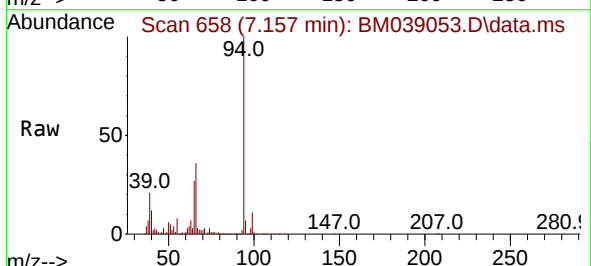
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ClientSampleId :
MC-1MS

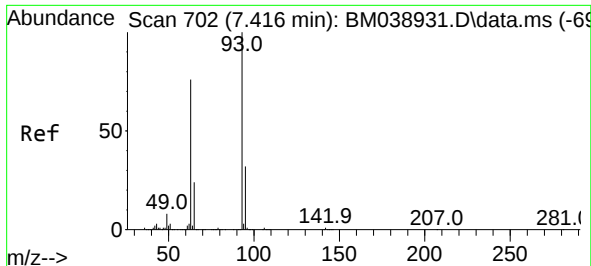
Tgt Ion: 77 Resp: 847441
Ion Ratio Lower Upper
77 100
105 96.1 75.8 115.8
106 93.7 72.6 112.6



#10
Phenol
Concen: 47.656 ng
RT: 7.157 min Scan# 658
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion: 94 Resp: 1382044
Ion Ratio Lower Upper
94 100
65 27.4 7.9 47.9
66 35.6 15.8 55.8



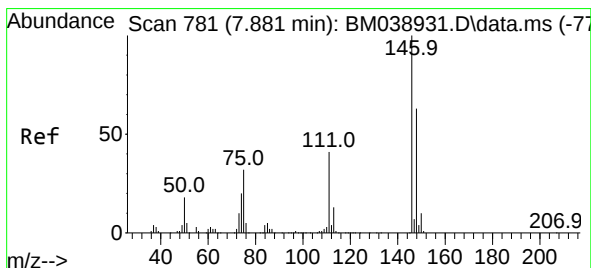
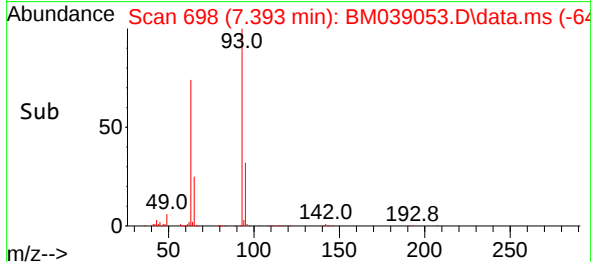
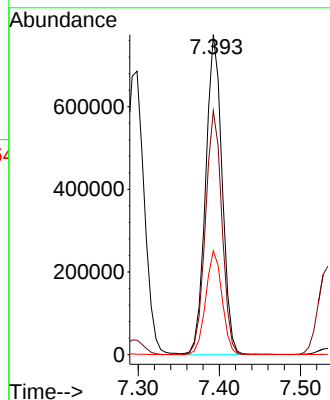
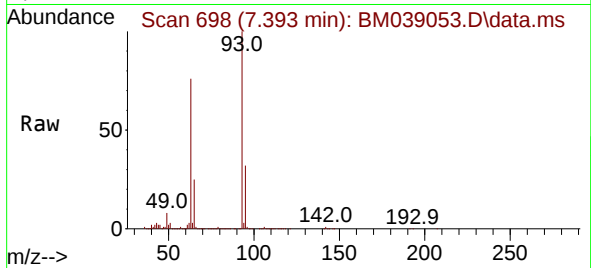


#11
bis(2-Chloroethyl)ether
Concen: 46.060 ng
RT: 7.393 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Instrument :
BNA_M
ClientSampleId :
MC-1MS

Tgt Ion: 93 Resp: 1086018

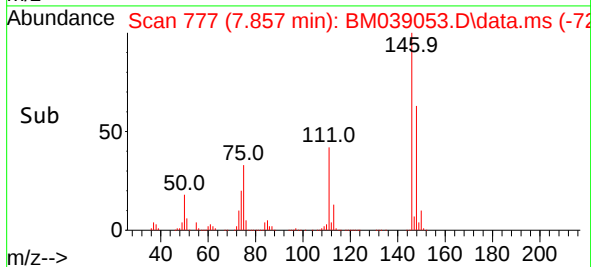
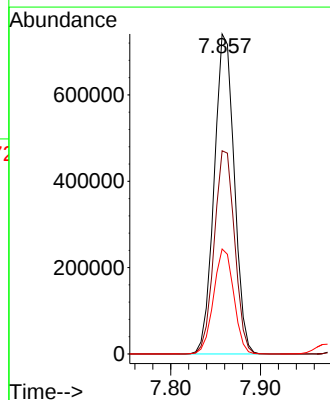
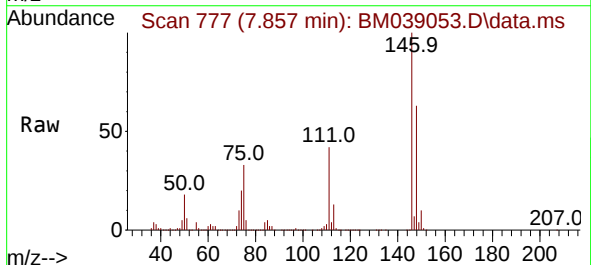
Ion	Ratio	Lower	Upper
93	100		
63	76.2	55.8	95.8
95	32.5	12.2	52.2

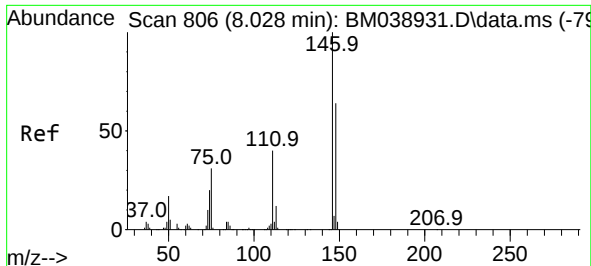


#12
1,3-Dichlorobenzene
Concen: 48.412 ng
RT: 7.857 min Scan# 777
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion: 146 Resp: 1151600

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
75	32.8	26.0	39.0

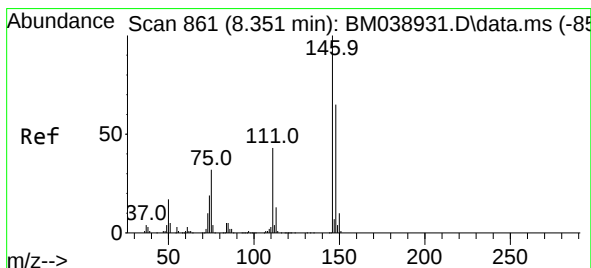
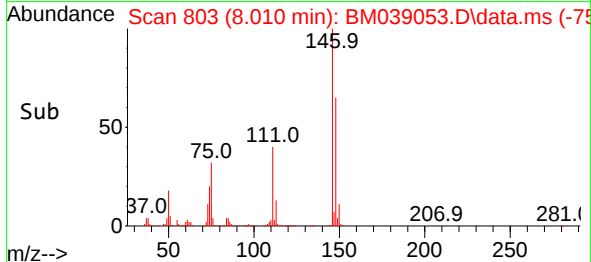
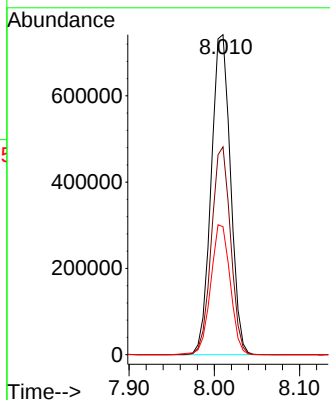
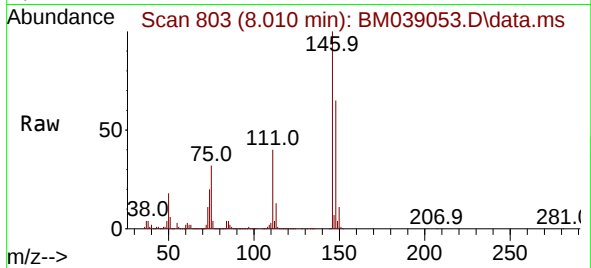




#13
1,4-Dichlorobenzene
Concen: 48.266 ng
RT: 8.010 min Scan# 806
Delta R.T. 0.000 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

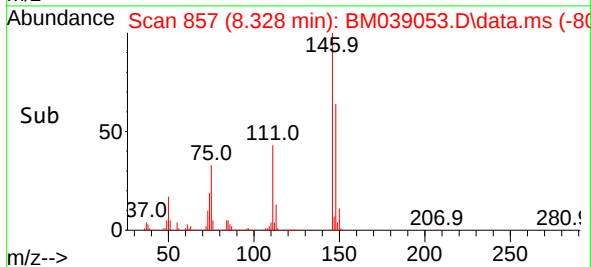
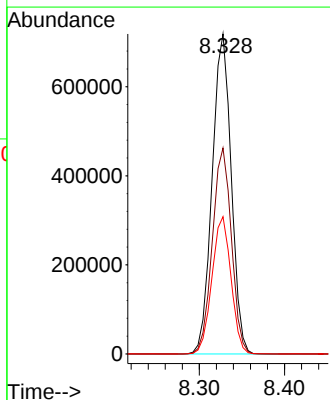
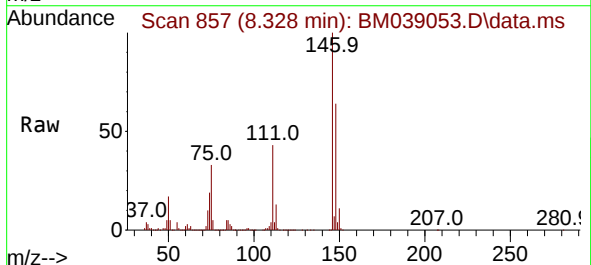
Instrument :
BNA_M
ClientSampleId :
MC-1MS

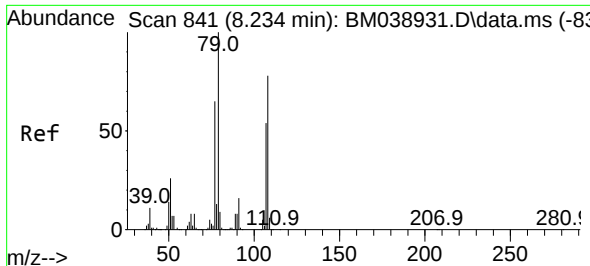
Tgt Ion:146 Resp: 1167676
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.4
111 40.0 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 47.910 ng
RT: 8.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:146 Resp: 1116493
Ion Ratio Lower Upper
146 100
148 64.4 51.7 77.5
111 42.9 34.2 51.4

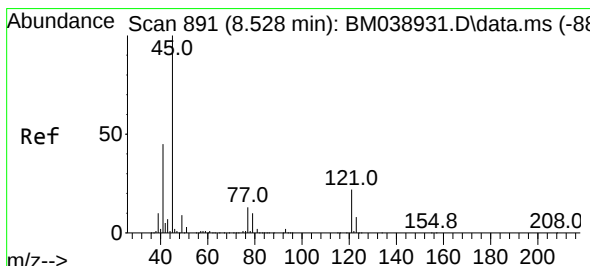
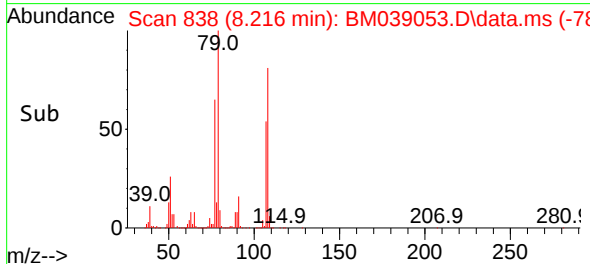
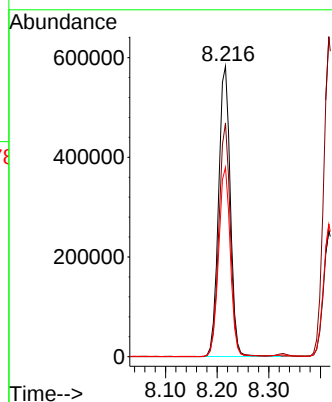
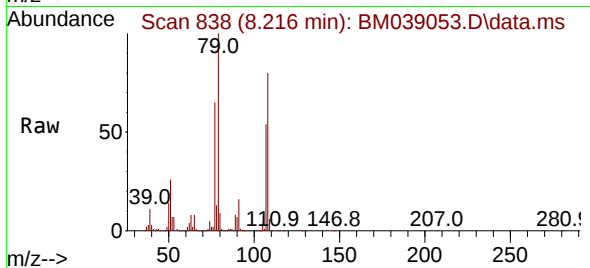




#15
Benzyl Alcohol
Concen: 46.954 ng
RT: 8.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

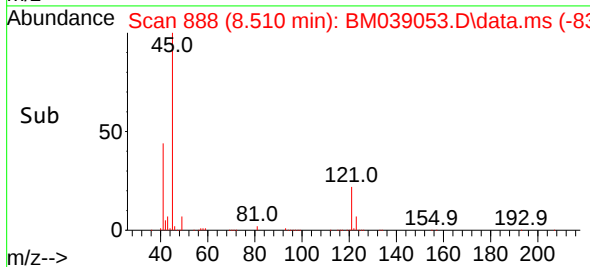
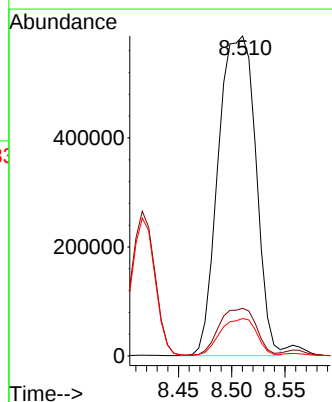
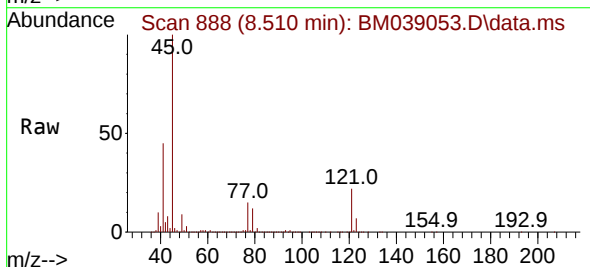
Instrument :
BNA_M
ClientSampleId :
MC-1MS

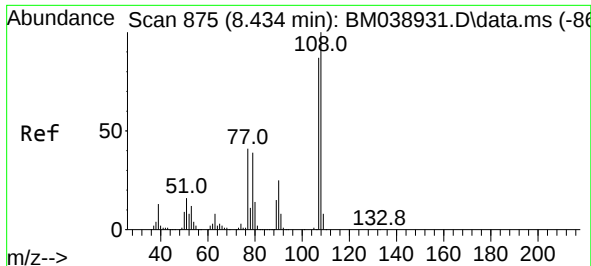
Tgt Ion: 79 Resp: 919080
Ion Ratio Lower Upper
79 100
108 80.5 62.4 93.6
77 65.2 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.167 ng
RT: 8.510 min Scan# 888
Delta R.T. 0.000 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion: 45 Resp: 1434307
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.8
79 11.7 0.0 31.5

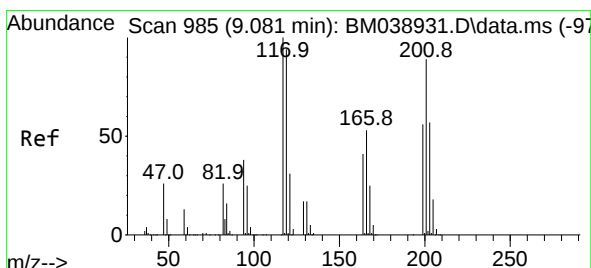
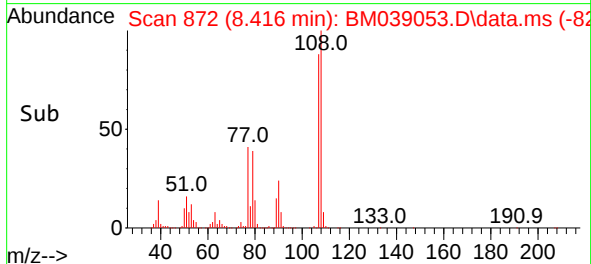
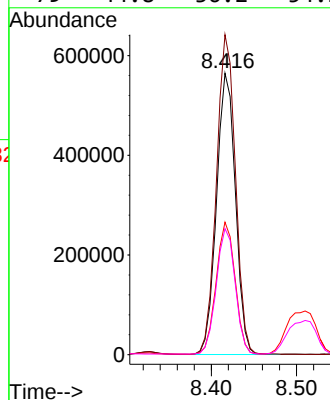
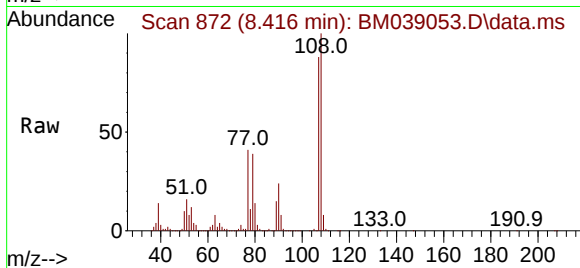




#17
2-Methylphenol
Concen: 43.780 ng
RT: 8.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

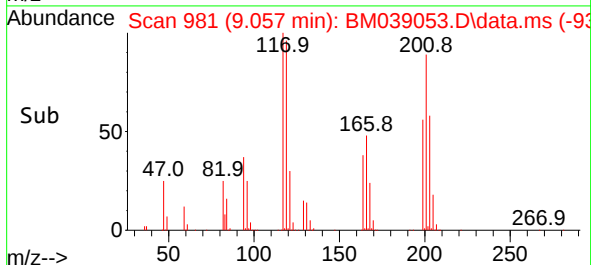
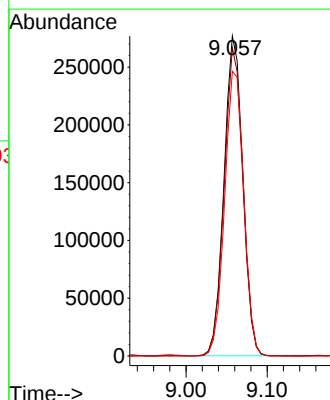
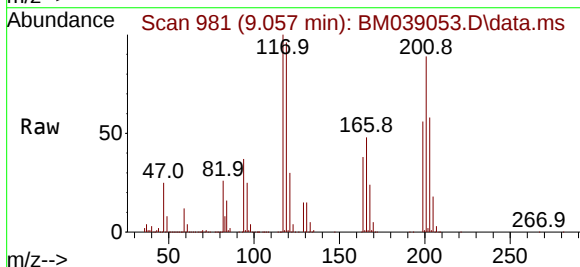
Instrument :
BNA_M
ClientSampleId :
MC-1MS

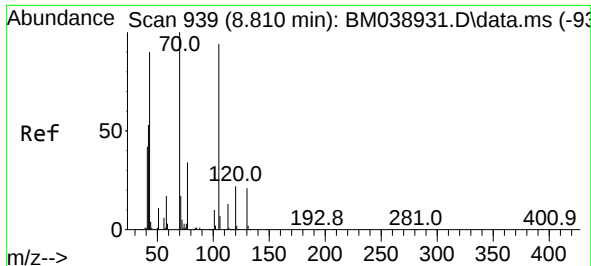
Tgt Ion:107 Resp: 872174
Ion Ratio Lower Upper
107 100
108 113.7 91.7 137.5
77 47.1 37.4 56.2
79 44.8 36.2 54.2



#18
Hexachloroethane
Concen: 50.057 ng
RT: 9.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:117 Resp: 446814
Ion Ratio Lower Upper
117 100
119 96.3 75.4 113.0
201 88.9 71.3 106.9

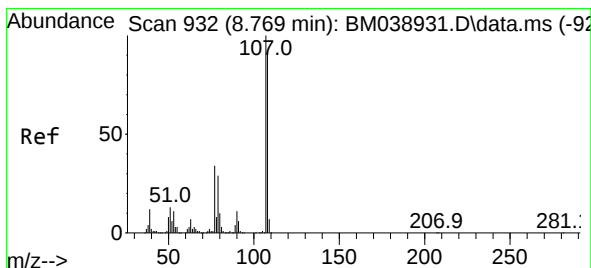
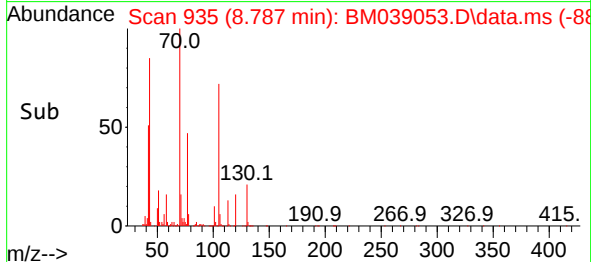
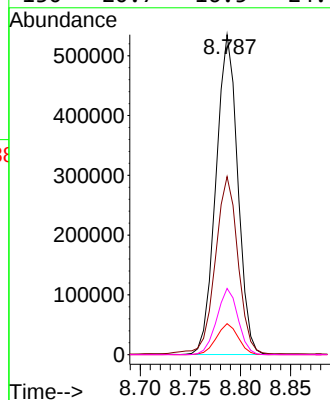
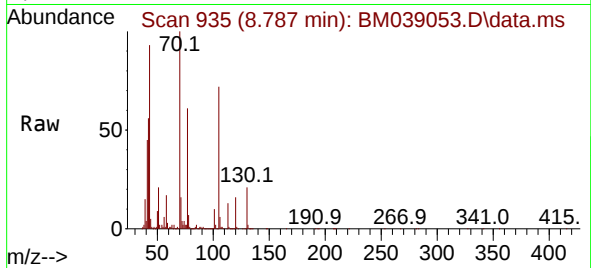




#19
n-Nitroso-di-n-propylamine
Concen: 46.864 ng
RT: 8.787 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

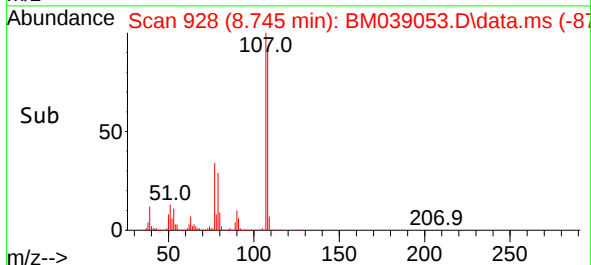
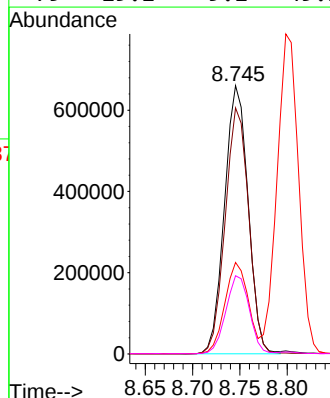
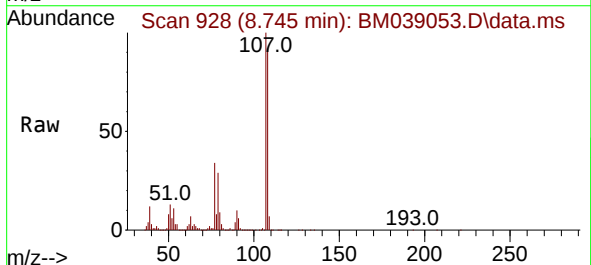
Instrument :
BNA_M
ClientSampleId :
MC-1MS

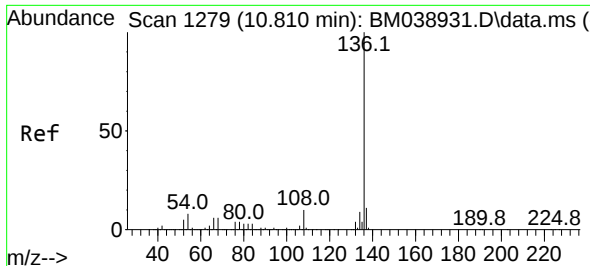
Tgt Ion: 70 Resp: 806119
Ion Ratio Lower Upper
70 100
42 55.7 43.4 65.2
101 9.7 7.6 11.4
130 20.7 16.5 24.7



#20
3+4-Methylphenols
Concen: 43.033 ng
RT: 8.745 min Scan# 928
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion: 107 Resp: 1144698
Ion Ratio Lower Upper
107 100
108 91.7 71.8 111.8
77 34.1 13.6 53.6
79 29.2 9.2 49.2

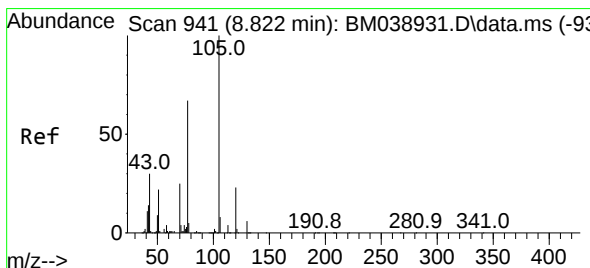
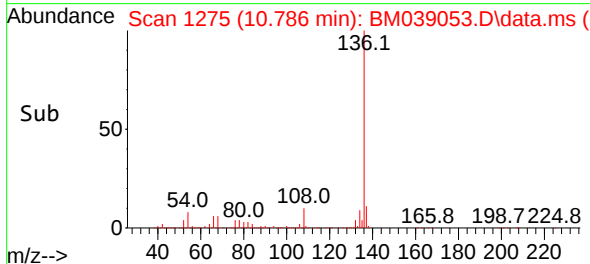
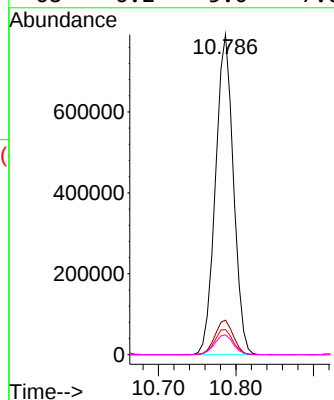
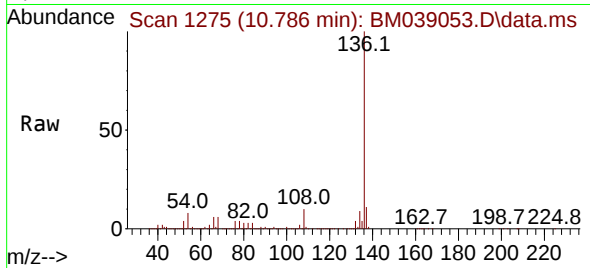




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

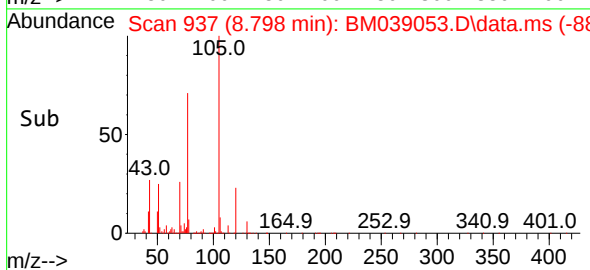
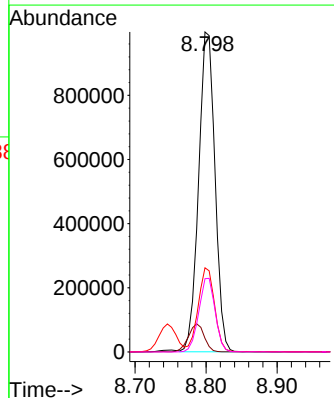
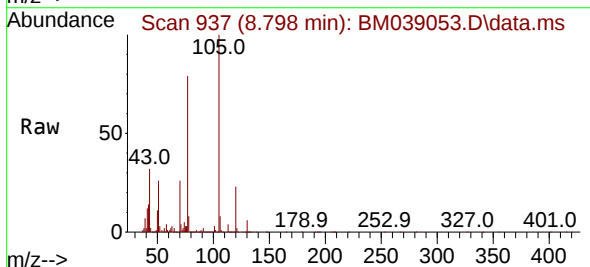
Instrument :
BNA_M
ClientSampleId :
MC-1MS

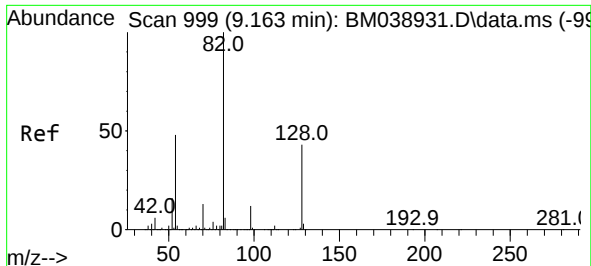
Tgt Ion:136 Resp: 1269822
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.8 6.3 9.5
68 6.2 5.0 7.6



#22
Acetophenone
Concen: 44.914 ng
RT: 8.798 min Scan# 937
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:105 Resp: 1600140
Ion Ratio Lower Upper
105 100
71 4.2 3.4 5.0
51 26.3 21.0 31.4
120 22.9 18.1 27.1

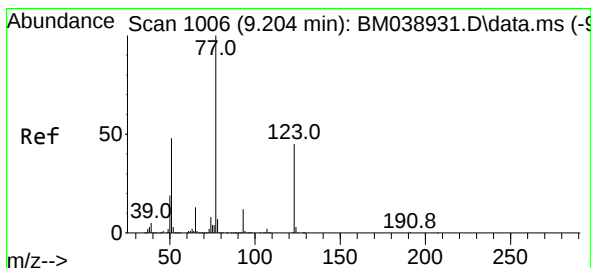
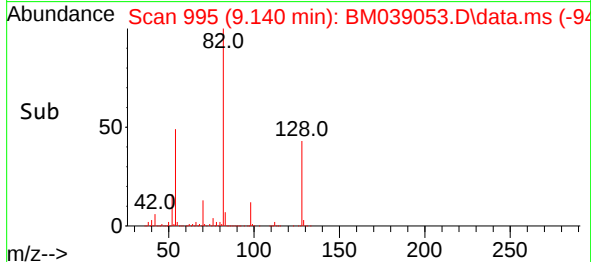
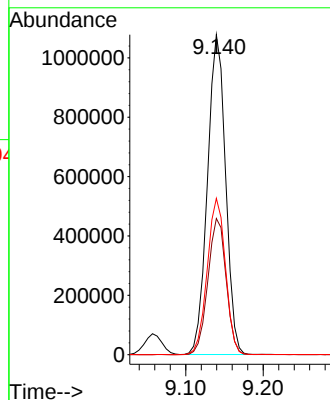
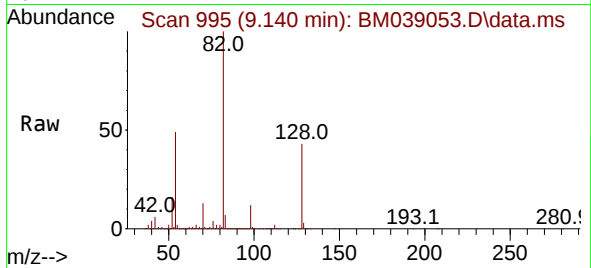




#23
Nitrobenzene-d5
Concen: 67.731 ng
RT: 9.140 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

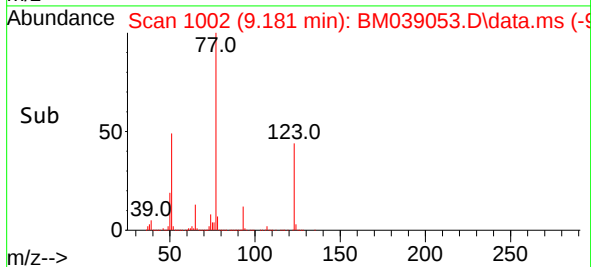
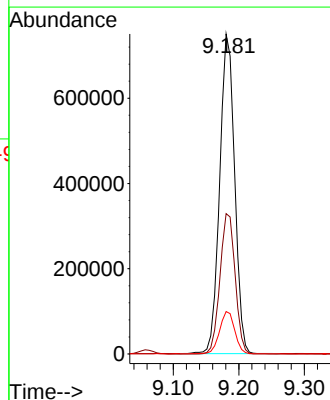
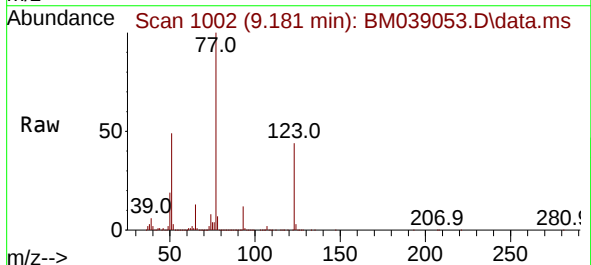
Instrument :
BNA_M
ClientSampleId :
MC-1MS

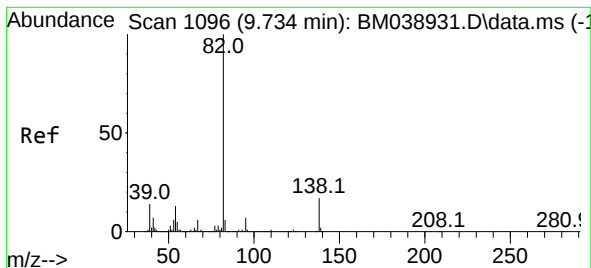
Tgt Ion: 82 Resp: 1750916
Ion Ratio Lower Upper
82 100
128 42.6 34.4 51.6
54 48.8 38.8 58.2



#24
Nitrobenzene
Concen: 43.587 ng
RT: 9.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion: 77 Resp: 1184301
Ion Ratio Lower Upper
77 100
123 43.8 35.8 53.6
65 13.3 10.2 15.4





#25

Isophorone

Concen: 44.717 ng

RT: 9.710 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

Instrument :

BNA_M

ClientSampleId :

MC-1MS

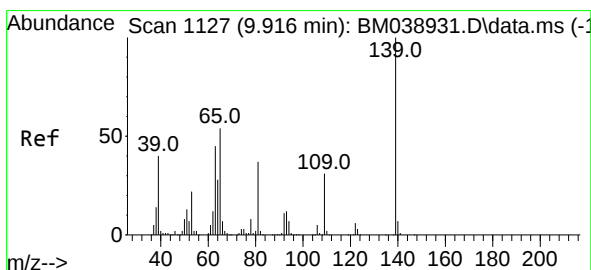
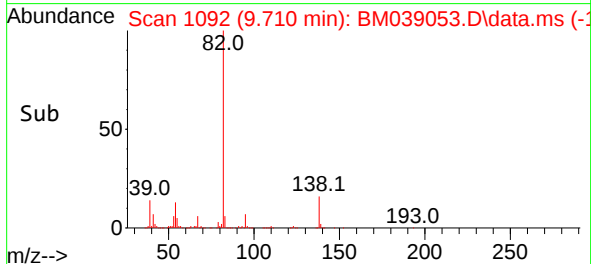
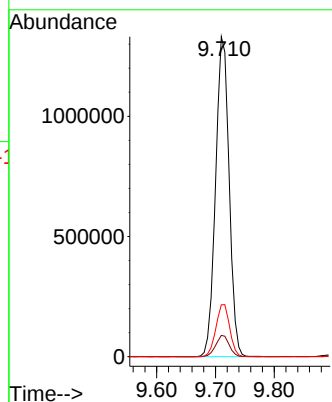
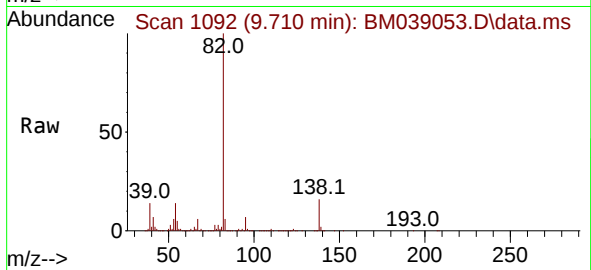
Tgt Ion: 82 Resp: 2127247

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 16.2 13.6 20.4



#26

2-Nitrophenol

Concen: 44.806 ng

RT: 9.898 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

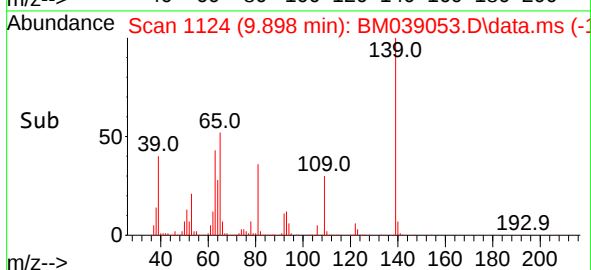
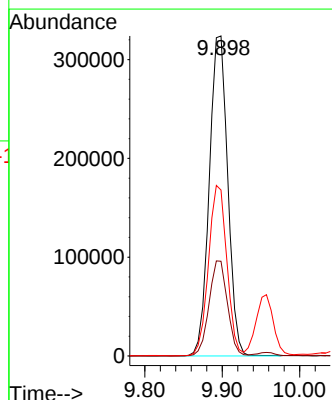
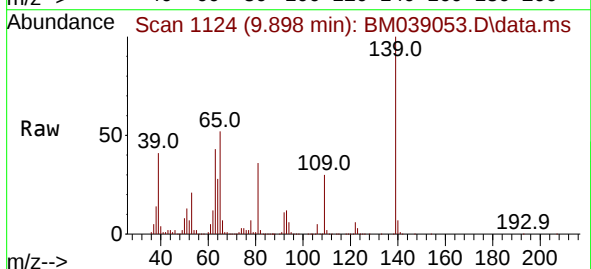
Tgt Ion:139 Resp: 535007

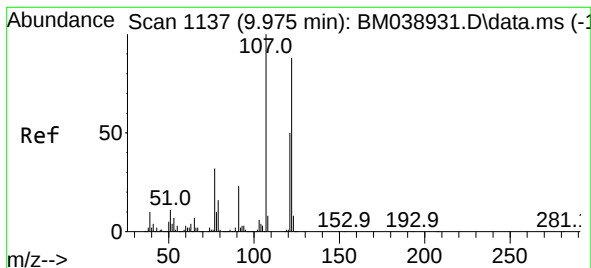
Ion Ratio Lower Upper

139 100

109 29.6 24.5 36.7

65 51.8 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 44.966 ng

RT: 9.957 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

Instrument :

BNA_M

ClientSampleId :

MC-1MS

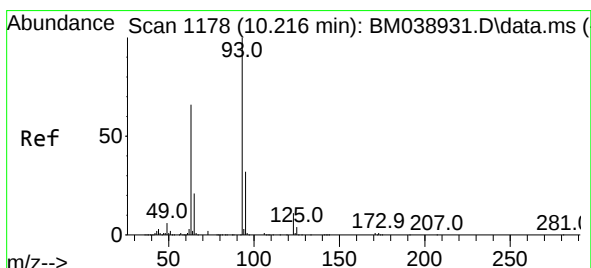
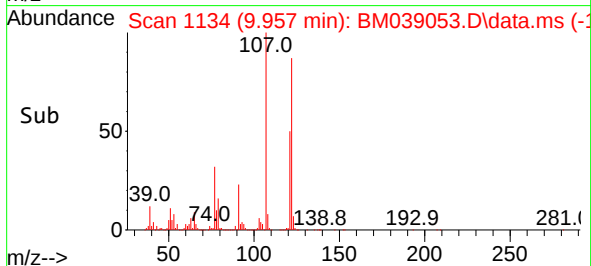
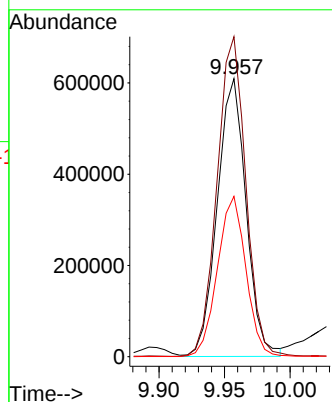
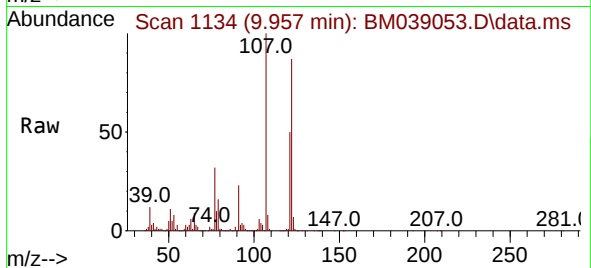
Tgt Ion:122 Resp: 932053

Ion Ratio Lower Upper

122 100

107 115.0 91.0 136.4

121 57.6 45.1 67.7



#28

bis(2-Chloroethoxy)methane

Concen: 44.175 ng

RT: 10.192 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

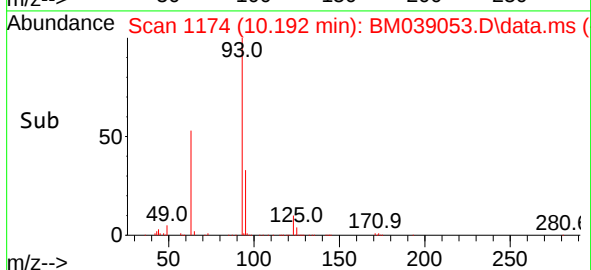
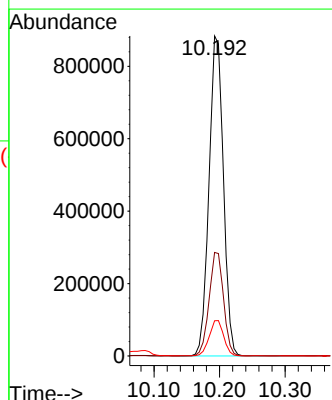
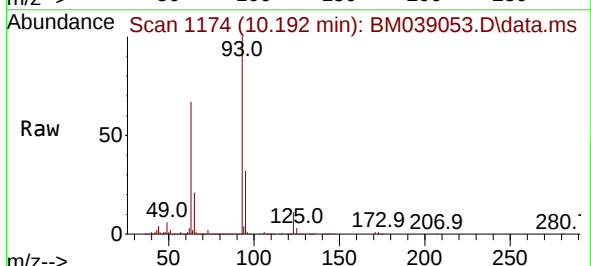
Tgt Ion: 93 Resp: 1350252

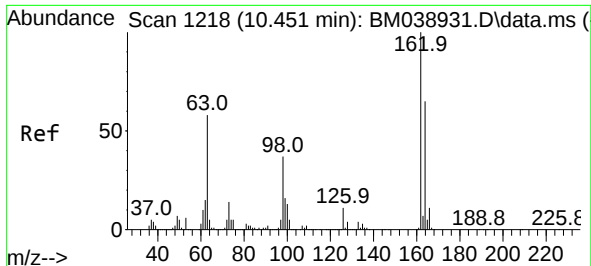
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 11.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 44.729 ng

RT: 10.428 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

Instrument :

BNA_M

ClientSampleId :

MC-1MS

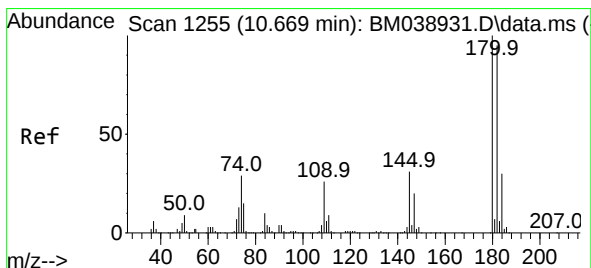
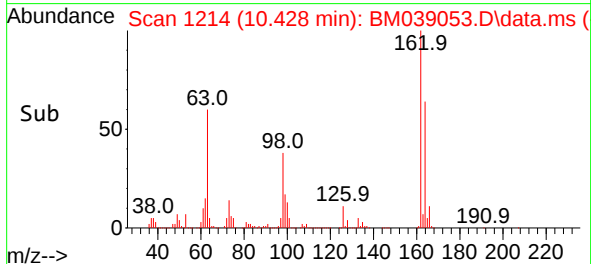
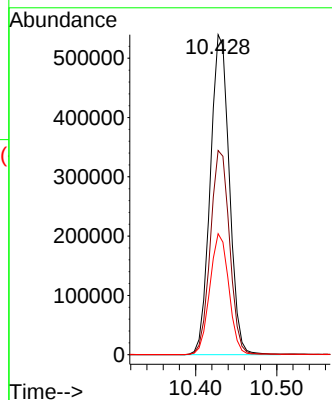
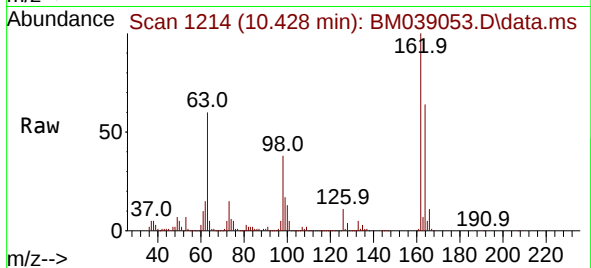
Tgt Ion:162 Resp: 879002

Ion Ratio Lower Upper

162 100

164 63.8 44.6 84.6

98 37.8 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 44.491 ng

RT: 10.645 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

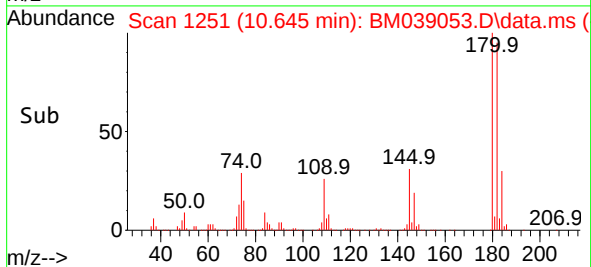
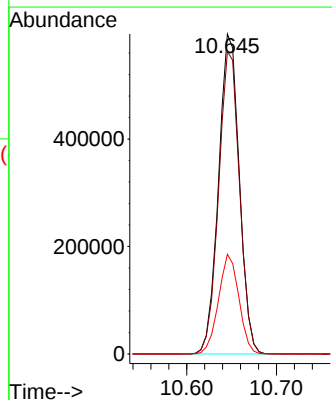
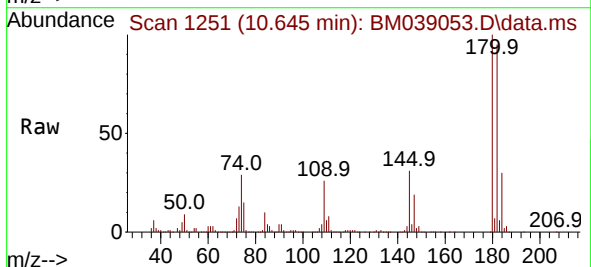
Tgt Ion:180 Resp: 955439

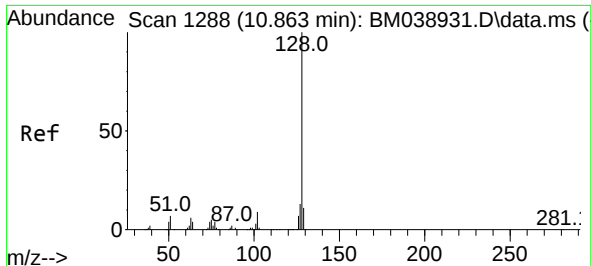
Ion Ratio Lower Upper

180 100

182 94.6 76.3 114.5

145 31.1 25.0 37.4

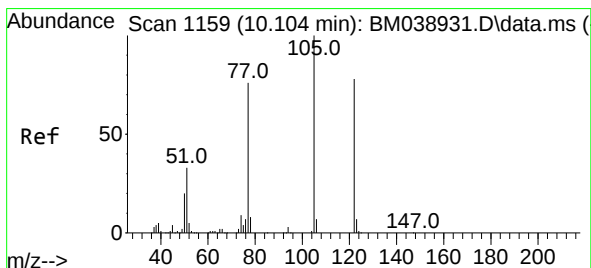
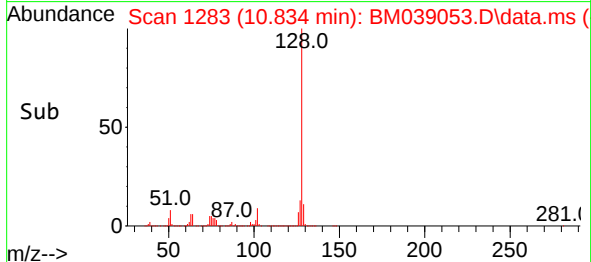
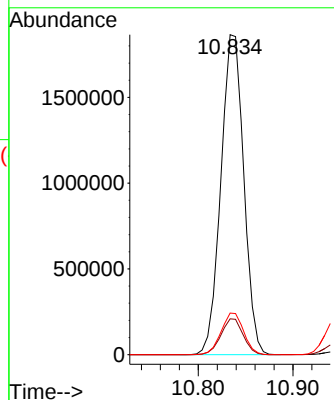
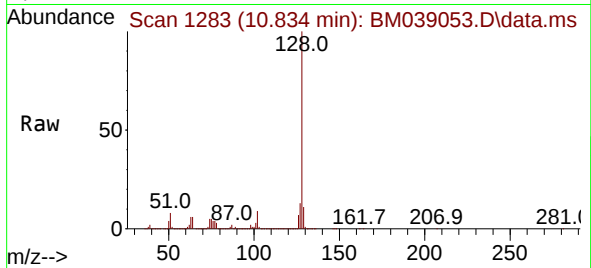




#31
Naphthalene
Concen: 43.290 ng
RT: 10.834 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

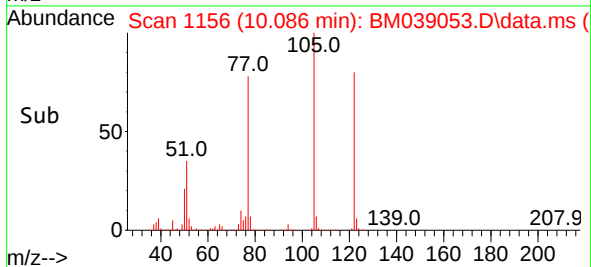
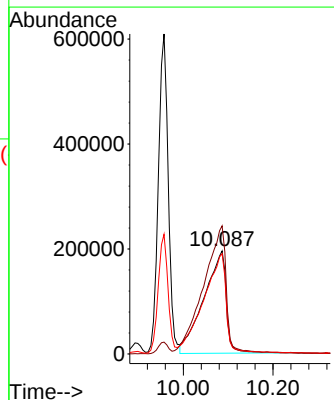
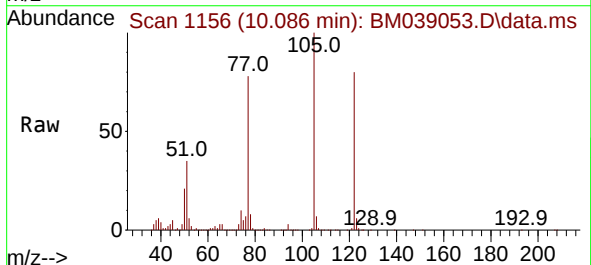
Instrument :
BNA_M
ClientSampleId :
MC-1MS

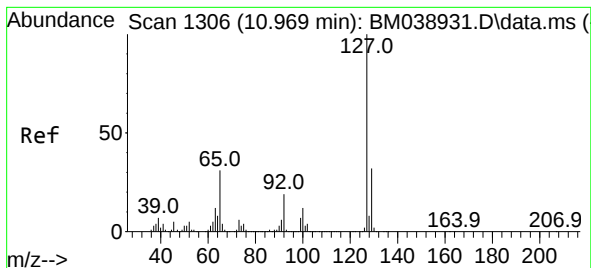
Tgt Ion:128 Resp: 3134534
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 45.120 ng
RT: 10.086 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:122 Resp: 680254
Ion Ratio Lower Upper
122 100
105 124.4 104.2 144.2
77 97.4 75.1 115.1





#33

4-Chloroaniline

Concen: 11.707 ng

RT: 10.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

Instrument :

BNA_M

ClientSampleId :

MC-1MS

Tgt Ion:127 Resp: 361246

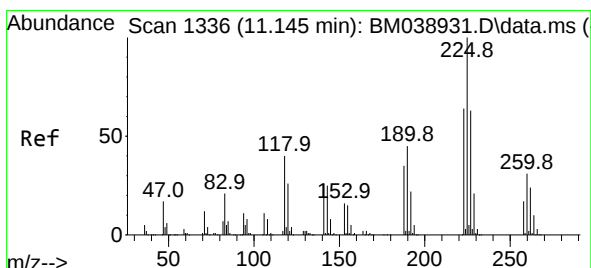
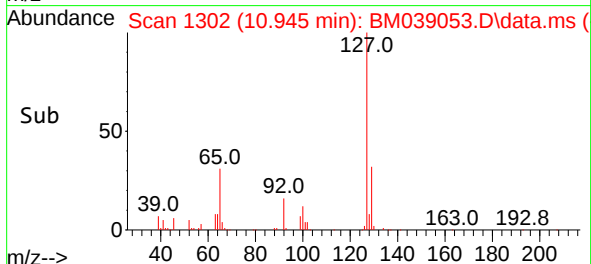
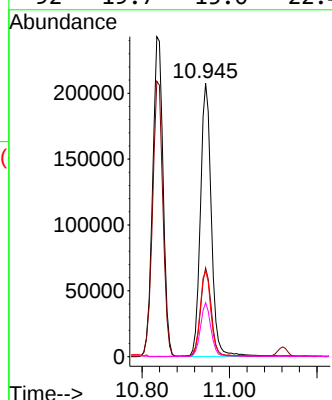
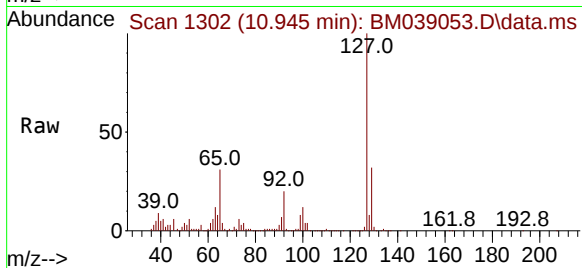
Ion Ratio Lower Upper

127 100

129 32.5 25.4 38.2

65 31.2 24.4 36.6

92 19.7 15.0 22.4



#34

Hexachlorobutadiene

Concen: 43.601 ng

RT: 11.122 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

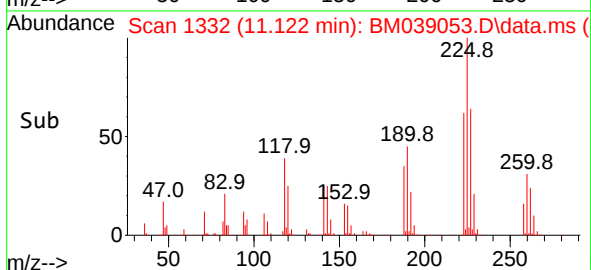
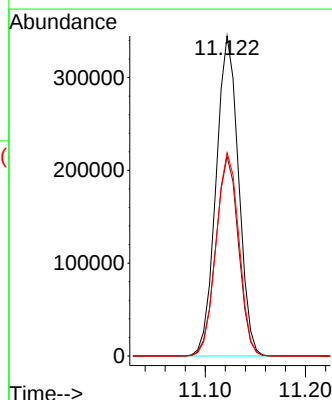
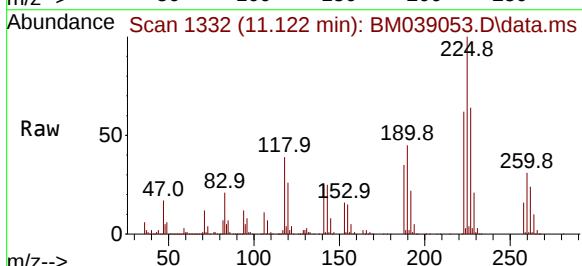
Tgt Ion:225 Resp: 536936

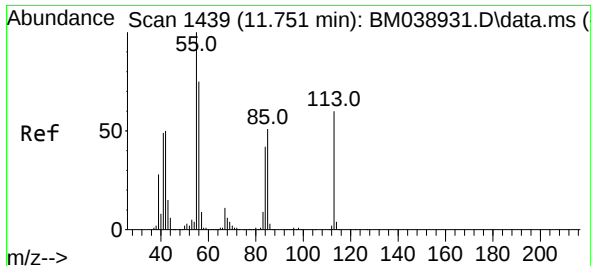
Ion Ratio Lower Upper

225 100

223 62.3 51.3 76.9

227 63.5 50.6 76.0

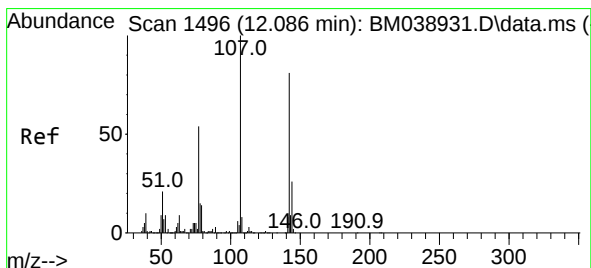
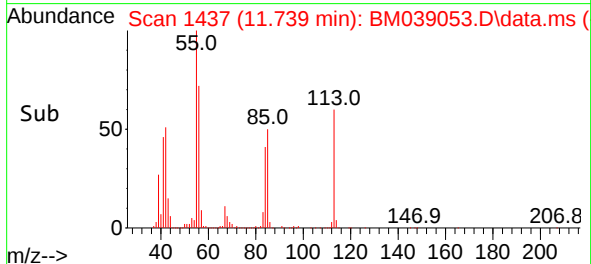
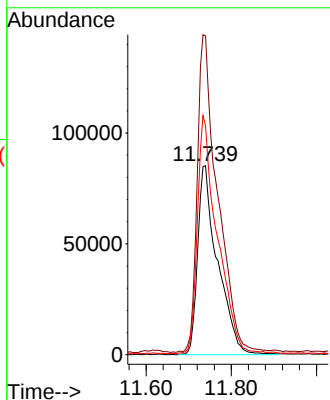
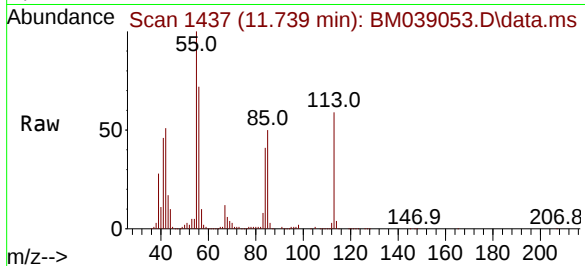




#35
 Caprolactam
 Concen: 46.305 ng
 RT: 11.739 min Scan# 1437
 Delta R.T. 0.000 min
 Lab File: BM039053.D
 Acq: 20 Mar 2023 20:32

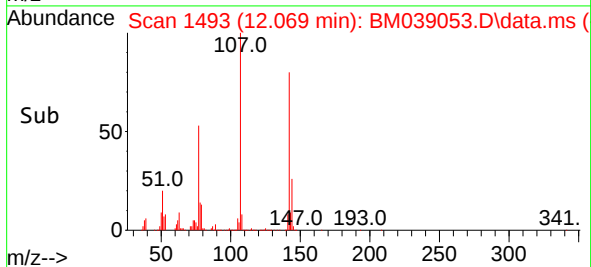
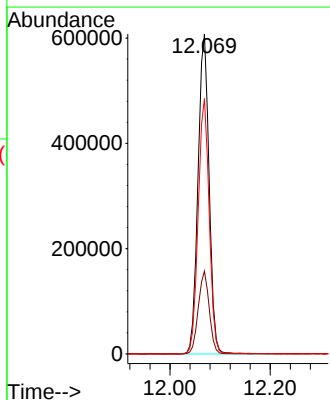
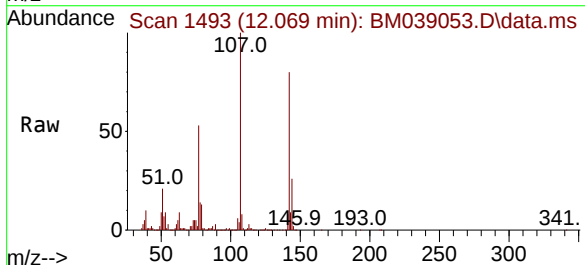
Instrument :
 BNA_M
 ClientSampleId :
 MC-1MS

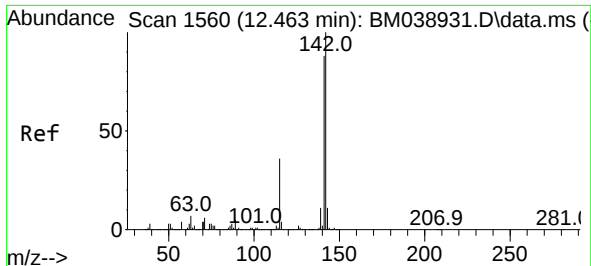
Tgt Ion:113 Resp: 276953
 Ion Ratio Lower Upper
 113 100
 55 168.6 147.0 187.0
 56 121.1 105.1 145.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.587 ng
 RT: 12.069 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: BM039053.D
 Acq: 20 Mar 2023 20:32

Tgt Ion:107 Resp: 933032
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.7 31.1
 142 79.8 64.6 97.0

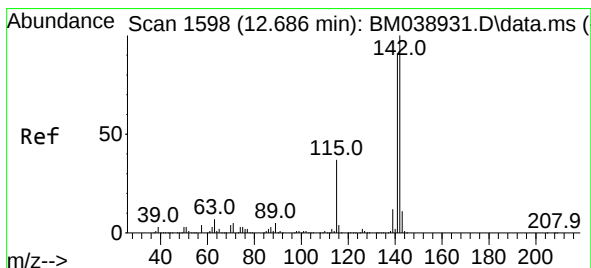
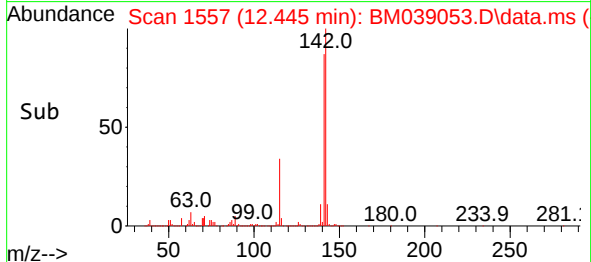
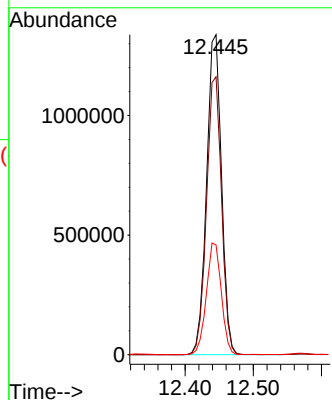
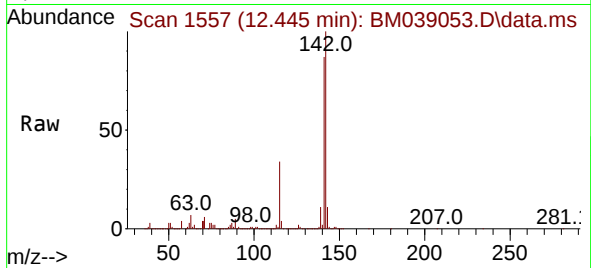




#37
2-Methylnaphthalene
Concen: 41.911 ng
RT: 12.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

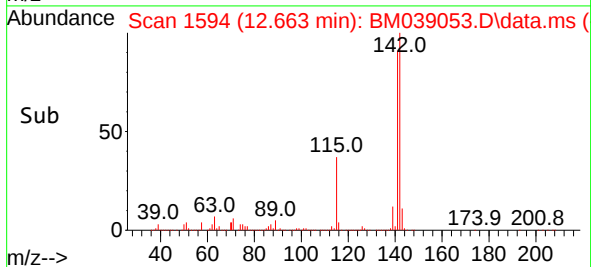
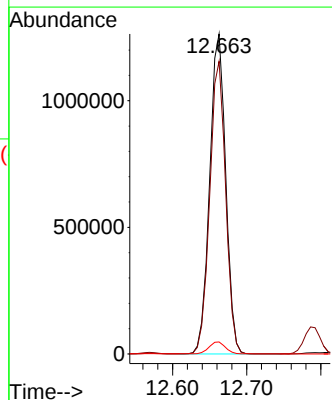
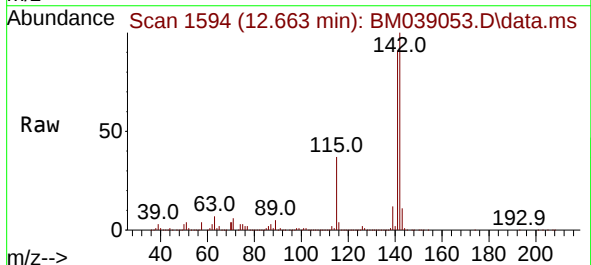
Instrument :
BNA_M
ClientSampleId :
MC-1MS

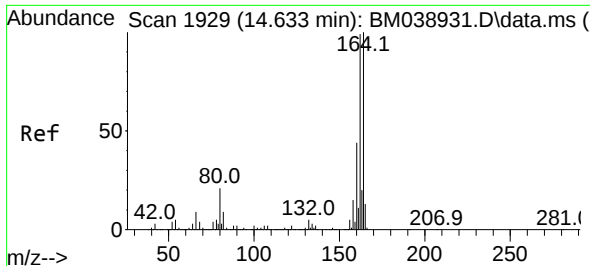
Tgt Ion:142 Resp: 2034012
Ion Ratio Lower Upper
142 100
141 86.9 70.6 106.0
115 34.3 28.5 42.7



#38
1-Methylnaphthalene
Concen: 41.690 ng
RT: 12.663 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:142 Resp: 1896060
Ion Ratio Lower Upper
142 100
141 91.5 72.8 109.2
116 3.8 3.0 4.4

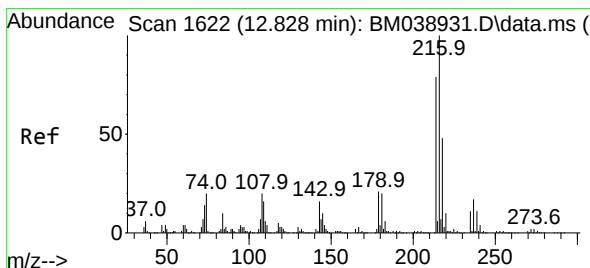
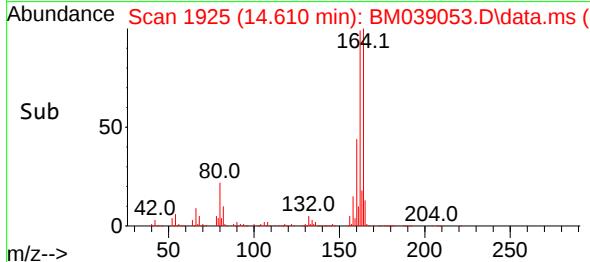
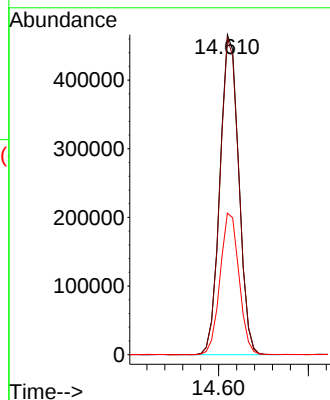
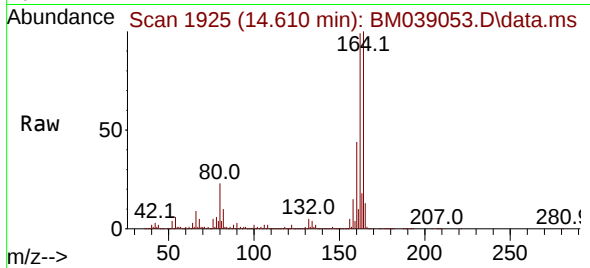




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

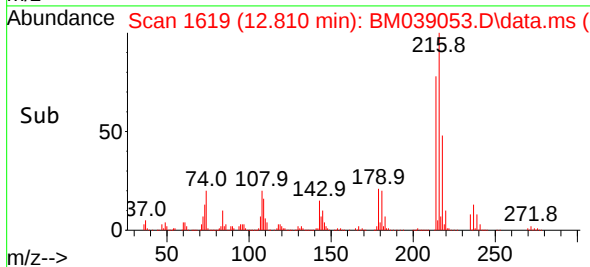
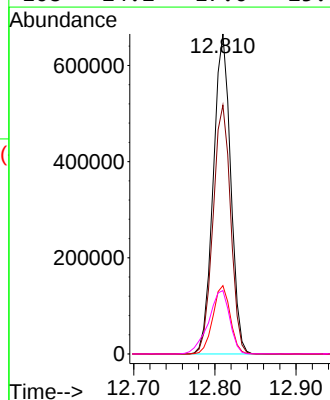
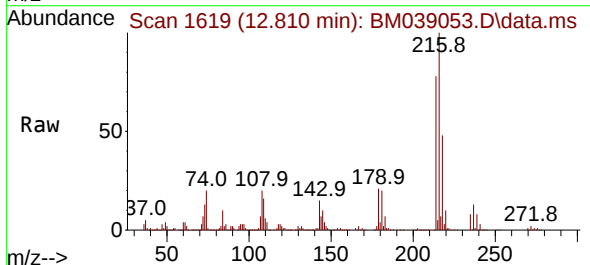
Instrument :
BNA_M
ClientSampleId :
MC-1MS

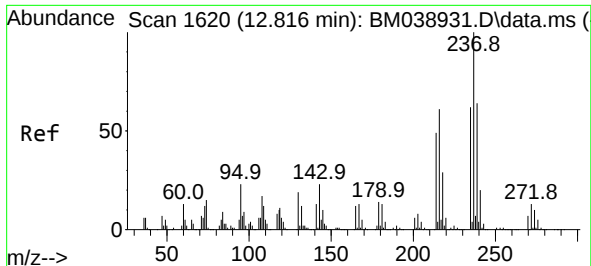
Tgt Ion:164 Resp: 678905
Ion Ratio Lower Upper
164 100
162 99.0 79.2 118.8
160 44.2 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.826 ng
RT: 12.810 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:216 Resp: 989352
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 21.3 16.8 25.2
108 24.2 17.0 25.4

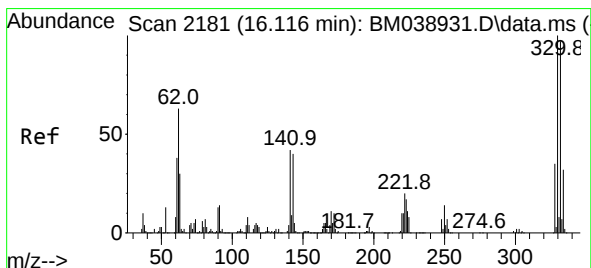
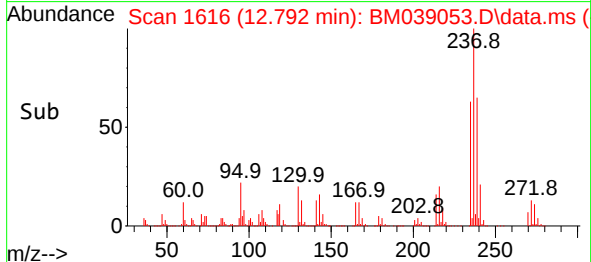
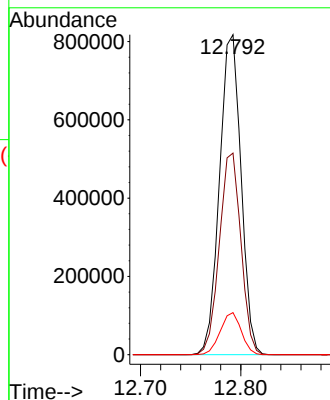
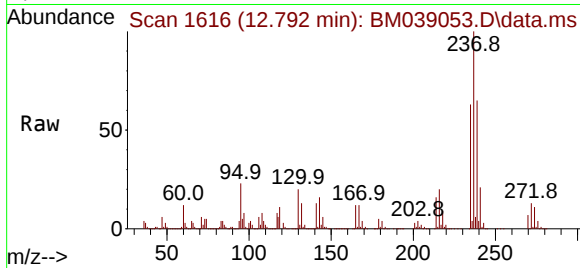




#41
Hexachlorocyclopentadiene
Concen: 100.540 ng
RT: 12.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

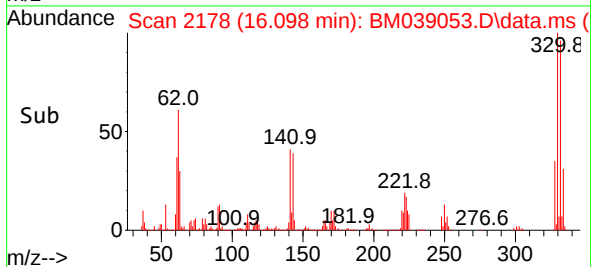
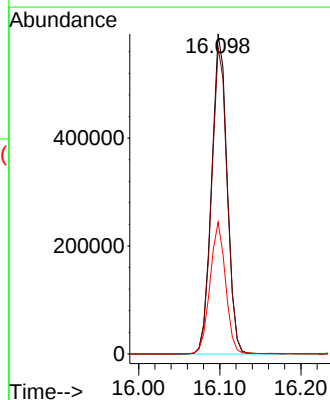
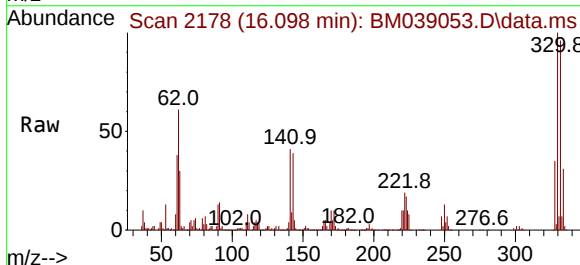
Instrument :
BNA_M
ClientSampleId :
MC-1MS

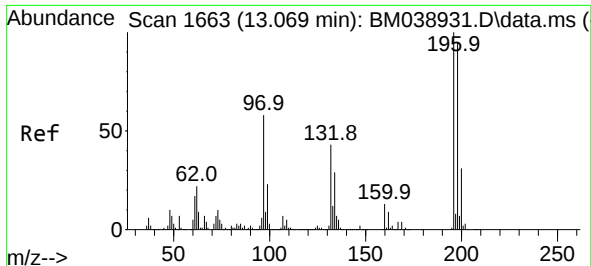
Tgt Ion:237 Resp: 1218028
Ion Ratio Lower Upper
237 100
235 63.0 41.7 81.7
272 13.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 100.093 ng
RT: 16.098 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:330 Resp: 786116
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 40.8 32.2 48.4

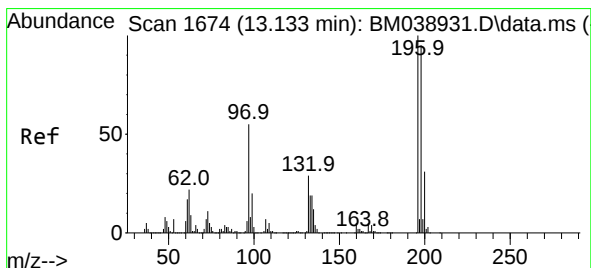
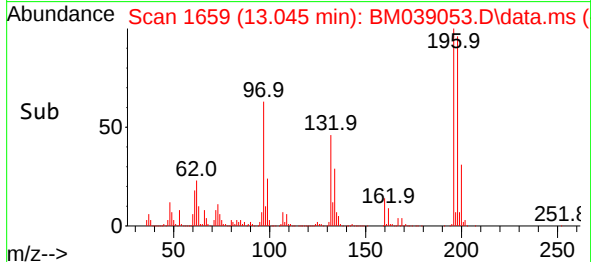
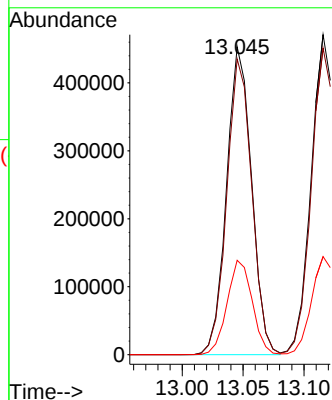
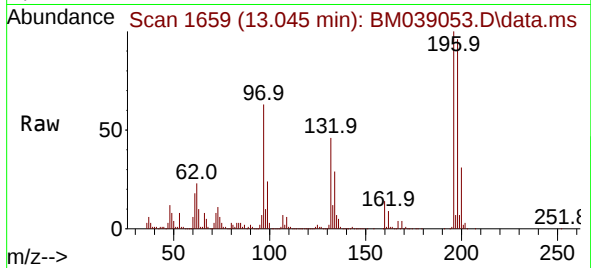




#43
2,4,6-Trichlorophenol
Concen: 45.317 ng
RT: 13.045 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

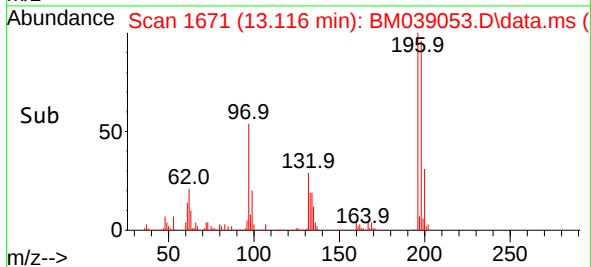
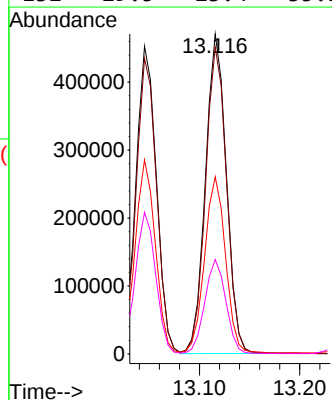
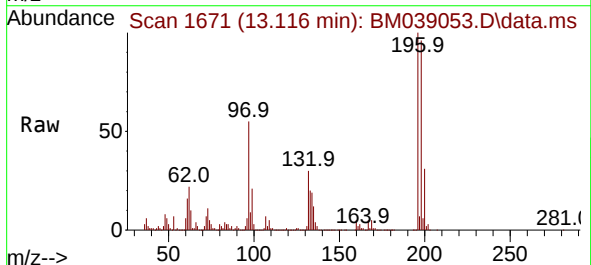
Instrument :
BNA_M
ClientSampleId :
MC-1MS

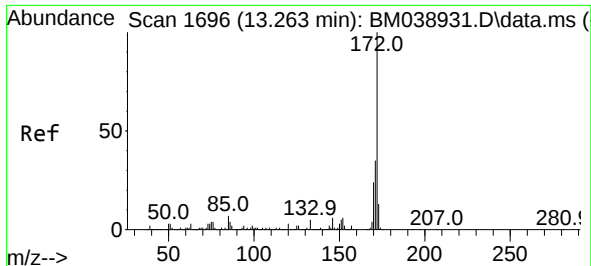
Tgt Ion:196 Resp: 647669
Ion Ratio Lower Upper
196 100
198 96.0 75.8 113.8
200 30.6 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 40.911 ng
RT: 13.116 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:196 Resp: 684399
Ion Ratio Lower Upper
196 100
198 95.8 76.3 114.5
97 55.4 44.2 66.4
132 29.5 23.4 35.2

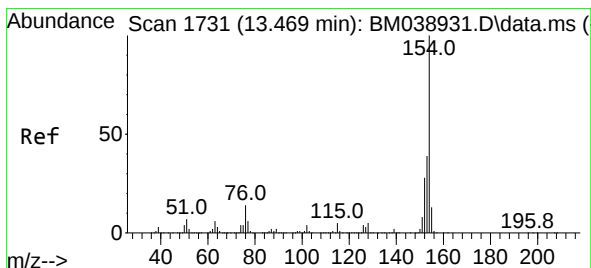
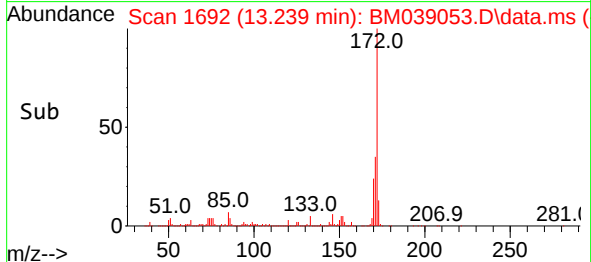
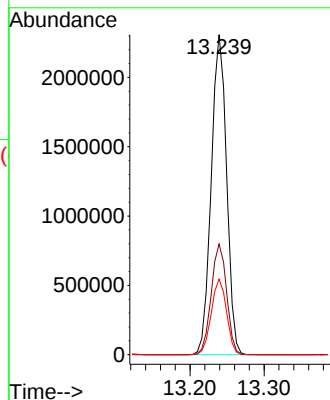
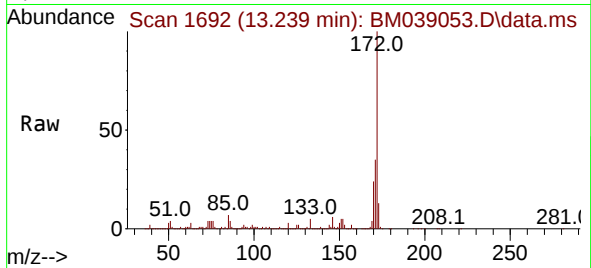




#45
2-Fluorobiphenyl
Concen: 63.581 ng
RT: 13.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

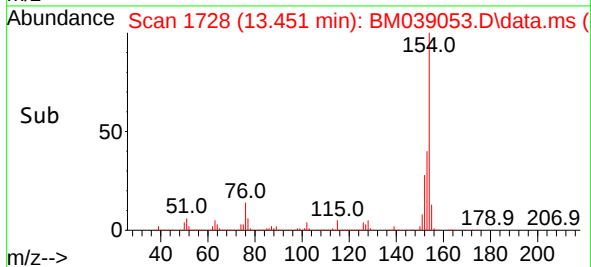
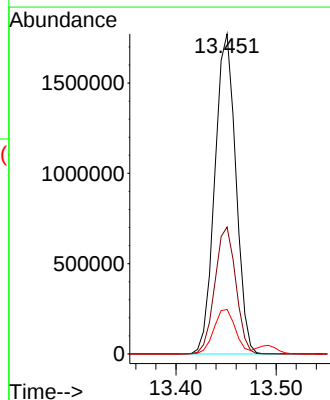
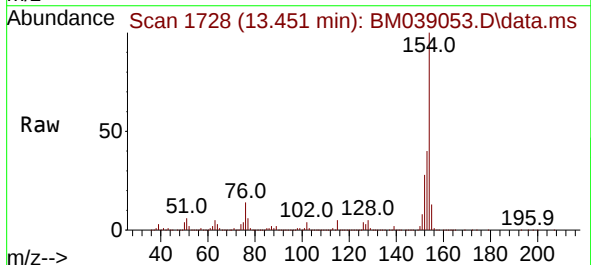
Instrument :
BNA_M
ClientSampleId :
MC-1MS

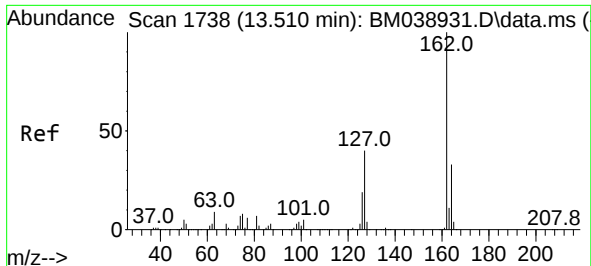
Tgt Ion:172 Resp: 3315847
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.7 19.1 28.7



#46
1,1'-Biphenyl
Concen: 44.798 ng
RT: 13.451 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:154 Resp: 2576586
Ion Ratio Lower Upper
154 100
153 39.7 19.3 59.3
76 13.9 0.0 34.0

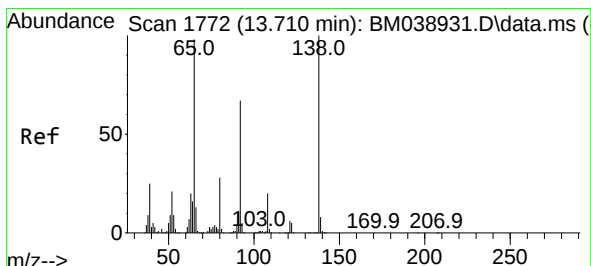
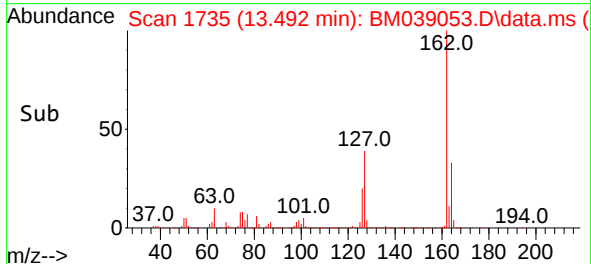
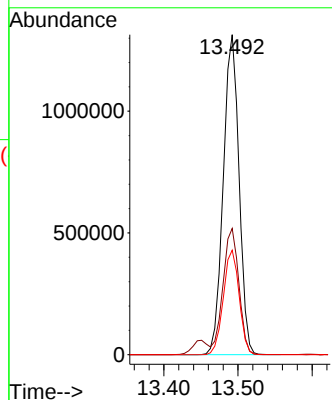
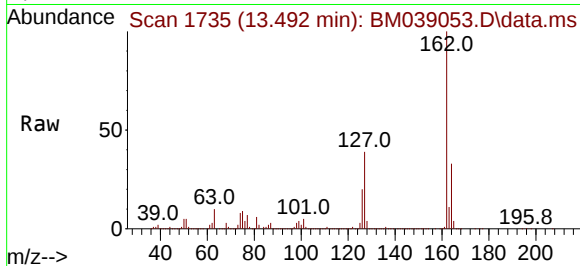




#47
2-Chloronaphthalene
Concen: 44.707 ng
RT: 13.492 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

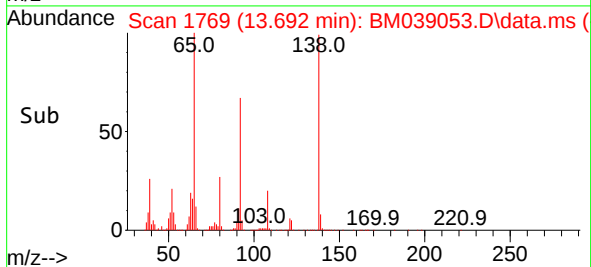
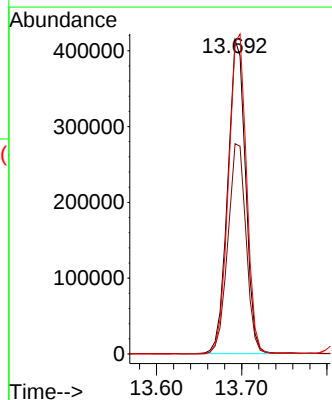
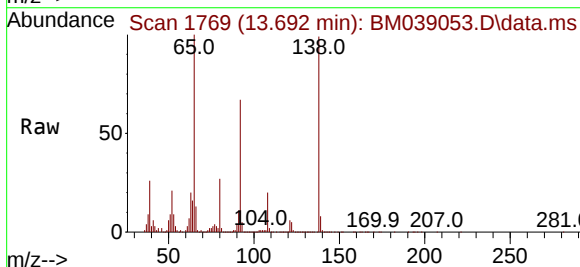
Instrument :
BNA_M
ClientSampleId :
MC-1MS

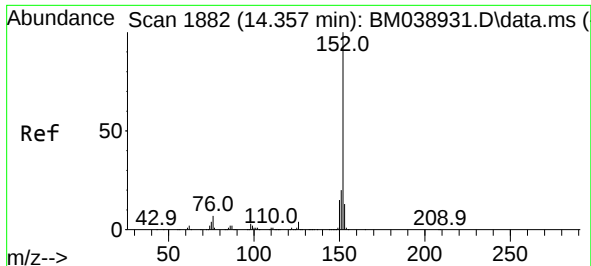
Tgt Ion:162 Resp: 1938950
Ion Ratio Lower Upper
162 100
127 39.4 32.1 48.1
164 32.6 26.2 39.4



#48
2-Nitroaniline
Concen: 43.610 ng
RT: 13.692 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion: 65 Resp: 602625
Ion Ratio Lower Upper
65 100
92 66.9 54.9 82.3
138 99.1 81.6 122.4

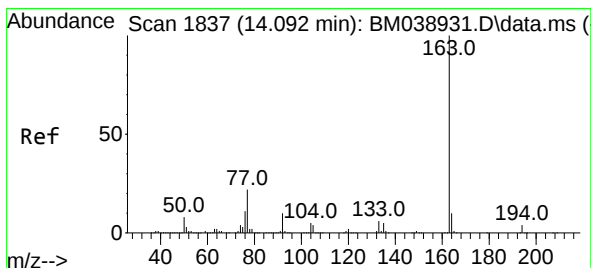
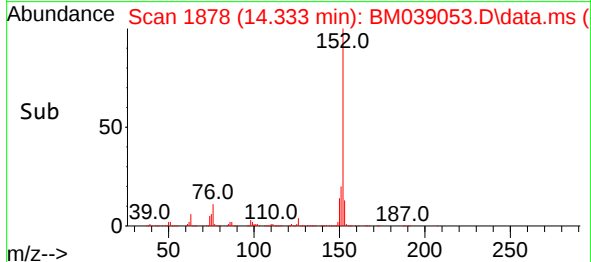
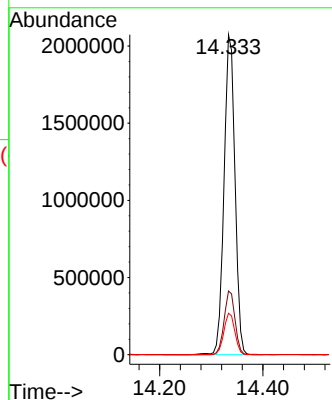
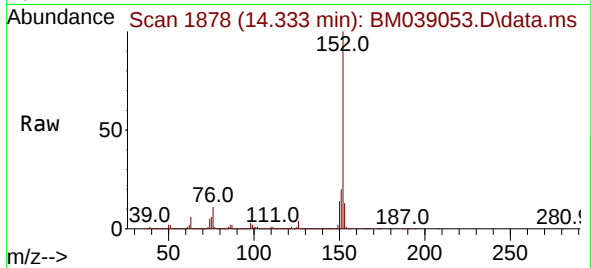




#49
Acenaphthylene
Concen: 43.988 ng
RT: 14.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

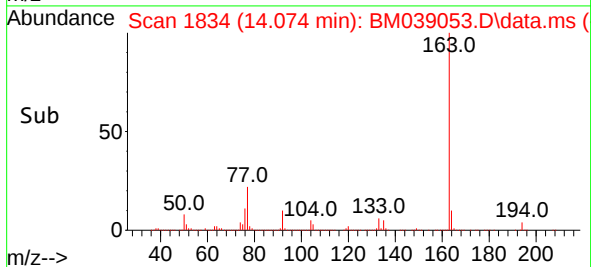
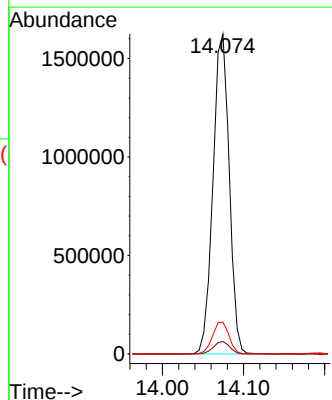
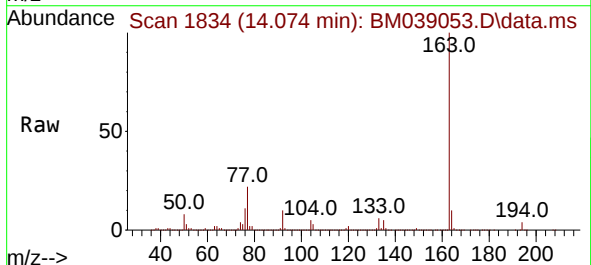
Instrument :
BNA_M
ClientSampleId :
MC-1MS

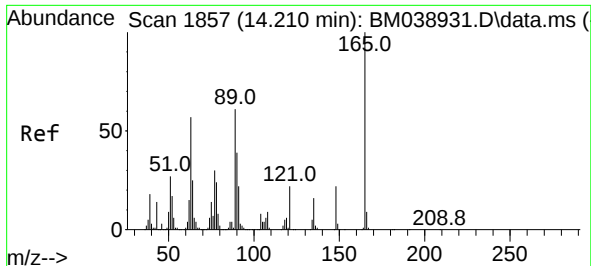
Tgt Ion:152 Resp: 3038783
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 43.194 ng
RT: 14.074 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:163 Resp: 2256487
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.9 8.1 12.1

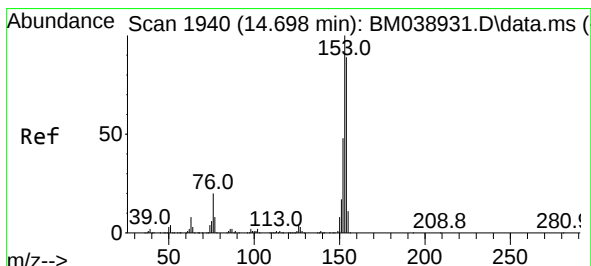
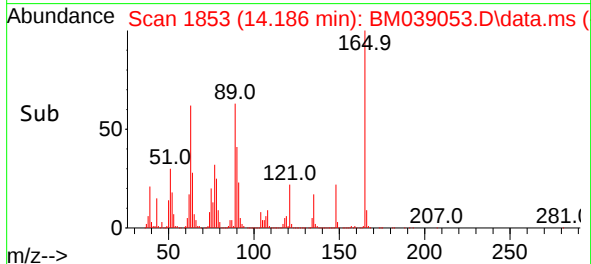
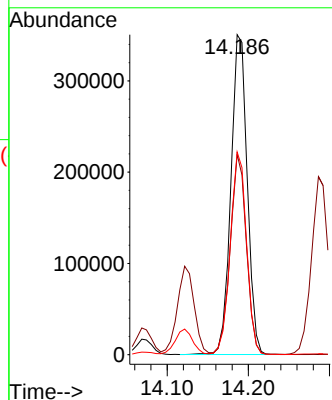
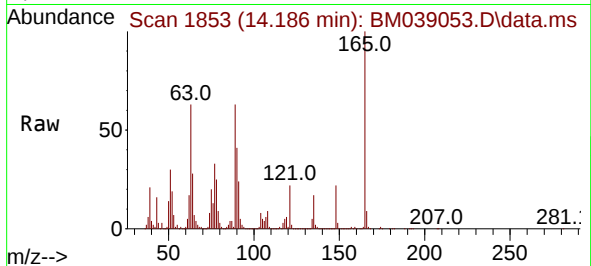




#51
2,6-Dinitrotoluene
Concen: 42.379 ng
RT: 14.186 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

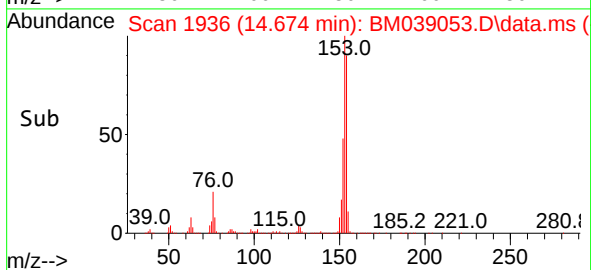
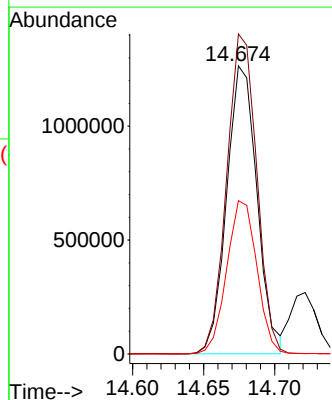
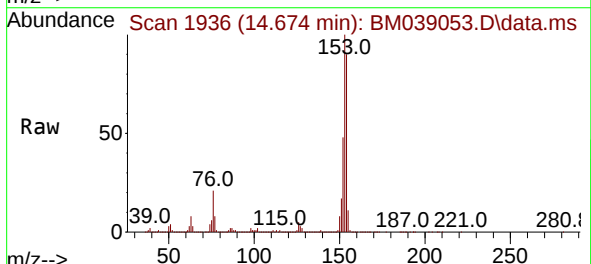
Instrument :
BNA_M
ClientSampleId :
MC-1MS

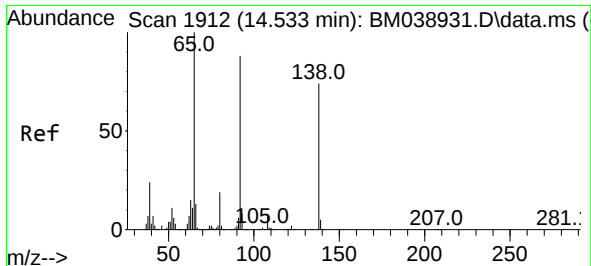
Tgt Ion:165 Resp: 487588
Ion Ratio Lower Upper
165 100
63 62.6 46.6 70.0
89 63.3 48.6 73.0



#52
Acenaphthene
Concen: 44.293 ng
RT: 14.674 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:154 Resp: 1880509
Ion Ratio Lower Upper
154 100
153 111.0 90.2 135.2
152 53.2 43.4 65.2

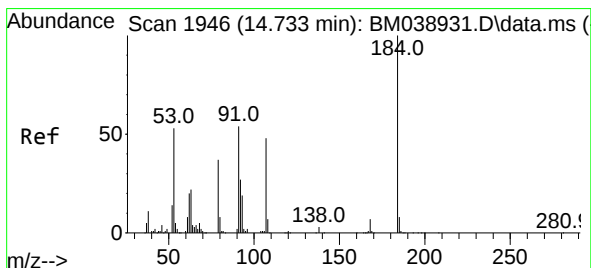
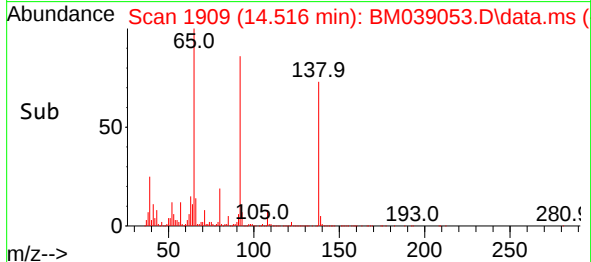
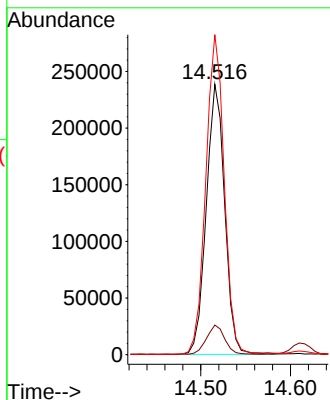
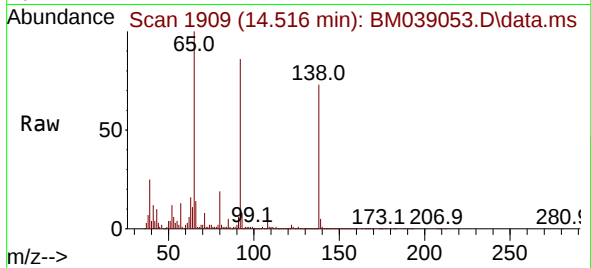




#53
3-Nitroaniline
Concen: 25.972 ng
RT: 14.516 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

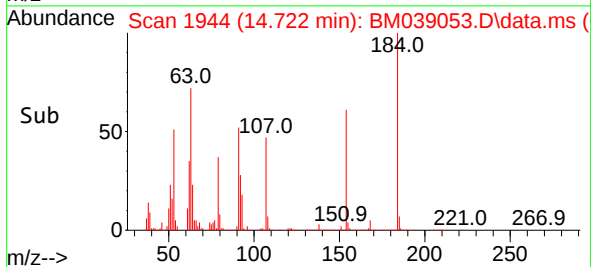
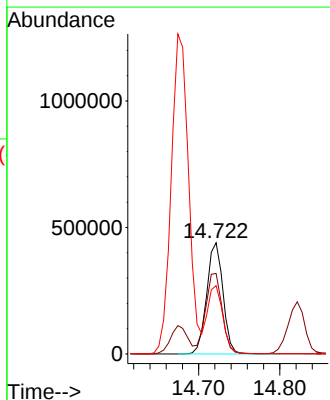
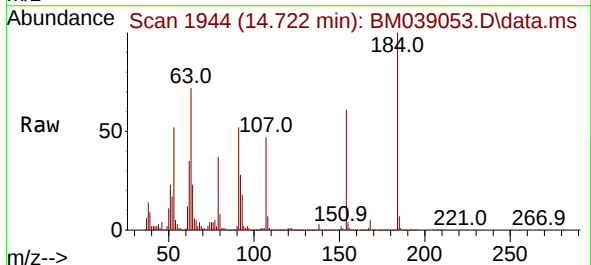
Instrument :
BNA_M
ClientSampleId :
MC-1MS

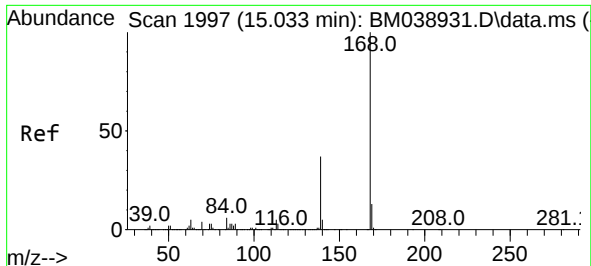
Tgt Ion:138 Resp: 340595
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 118.4 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 91.138 ng
RT: 14.722 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:184 Resp: 610339
Ion Ratio Lower Upper
184 100
63 72.3 60.6 90.8
154 61.4 51.4 77.2

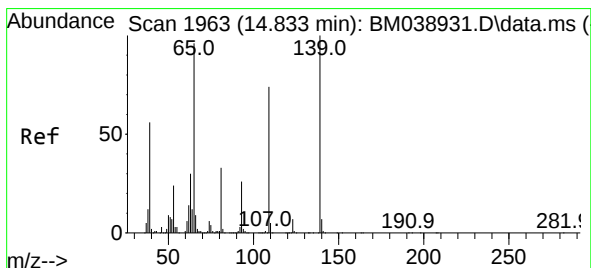
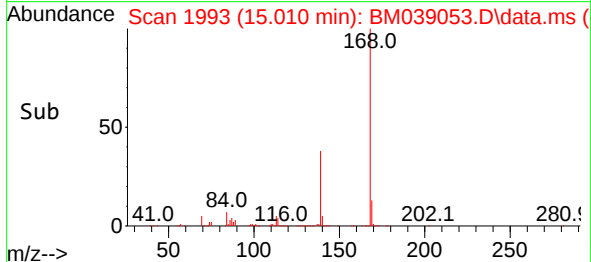
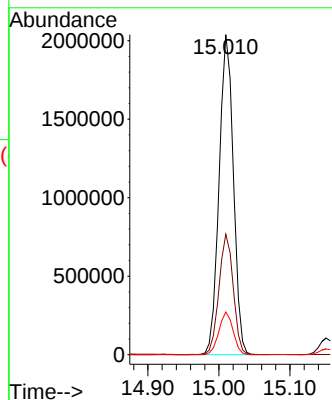
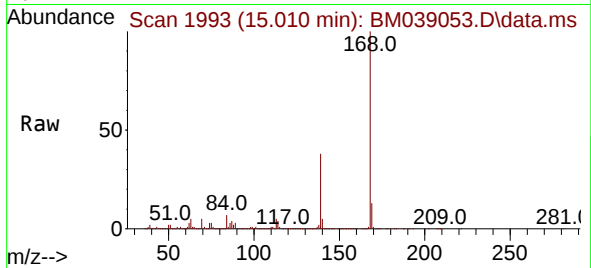




#55
Dibenzenofuran
Concen: 42.587 ng
RT: 15.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

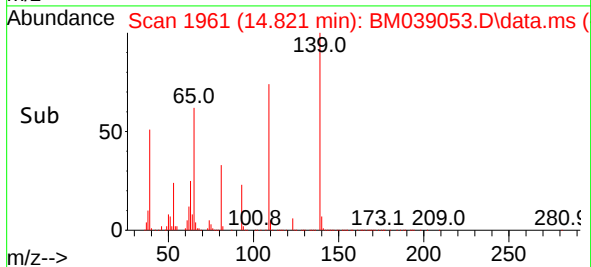
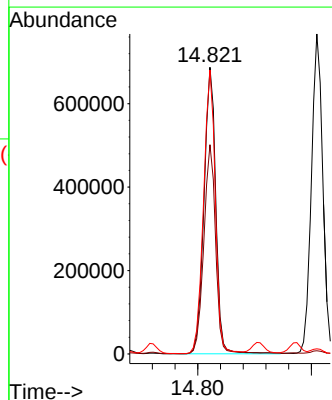
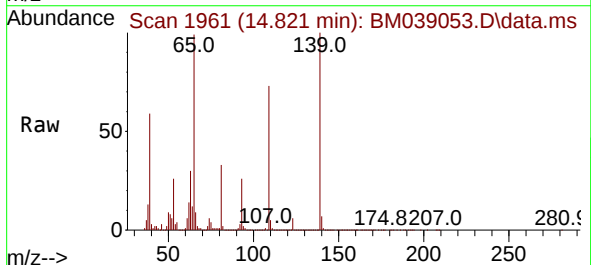
Instrument :
BNA_M
ClientSampleId :
MC-1MS

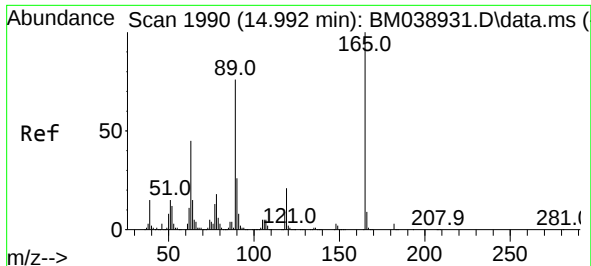
Tgt Ion:168 Resp: 2829387
Ion Ratio Lower Upper
168 100
139 37.6 29.9 44.9
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 95.386 ng
RT: 14.821 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:139 Resp: 989660
Ion Ratio Lower Upper
139 100
109 73.0 53.5 93.5
65 99.0 76.4 116.4

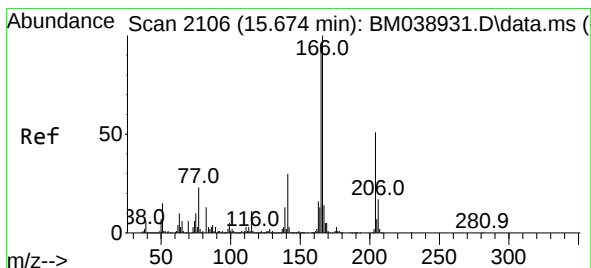
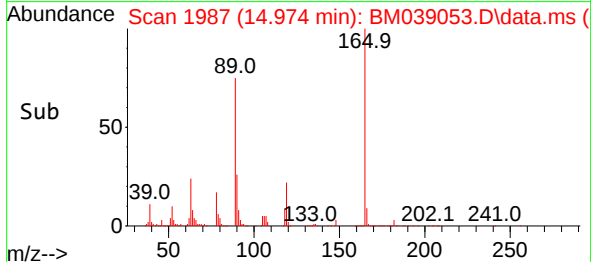
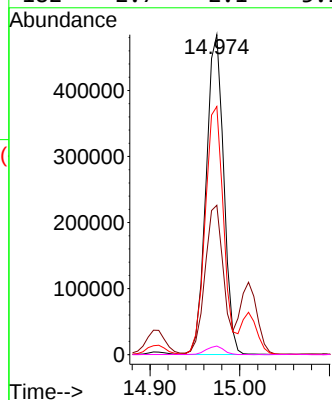
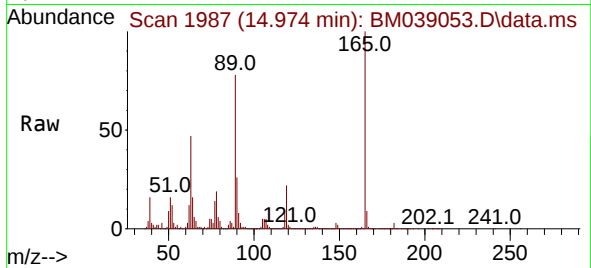




#57
2,4-Dinitrotoluene
Concen: 43.461 ng
RT: 14.974 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

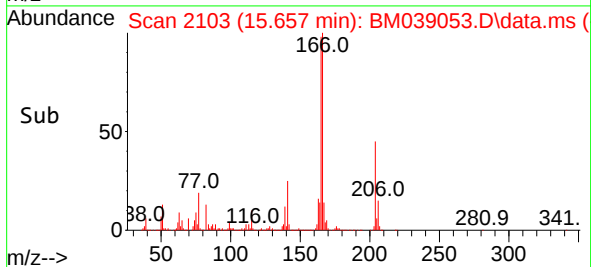
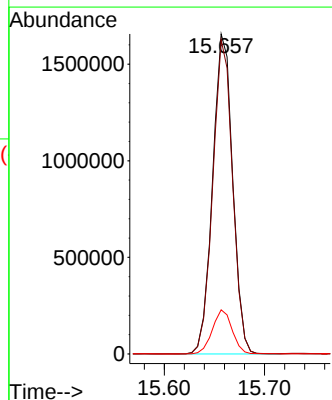
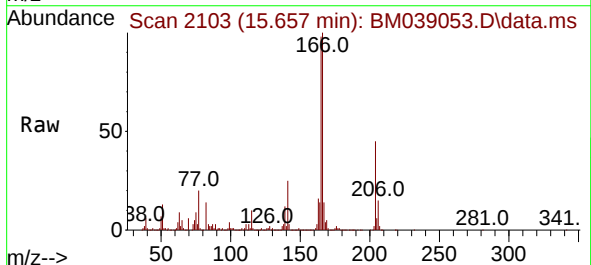
Instrument :
BNA_M
ClientSampleId :
MC-1MS

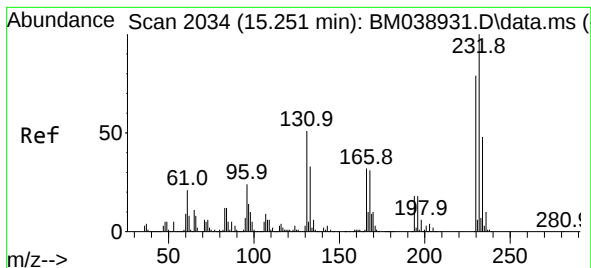
Tgt Ion:165 Resp: 657693
Ion Ratio Lower Upper
165 100
63 46.7 35.9 53.9
89 77.6 61.0 91.6
182 2.7 2.1 3.1



#58
Fluorene
Concen: 44.120 ng
RT: 15.657 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:166 Resp: 2296072
Ion Ratio Lower Upper
166 100
165 98.1 77.1 115.7
167 13.8 10.9 16.3

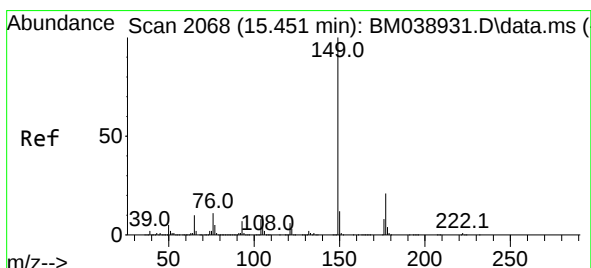
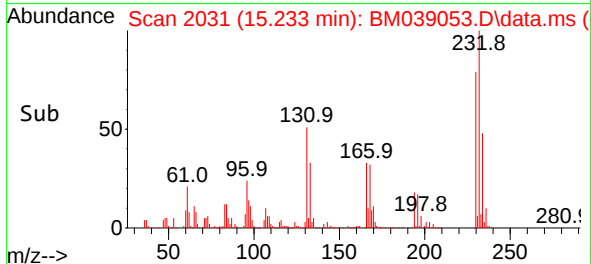
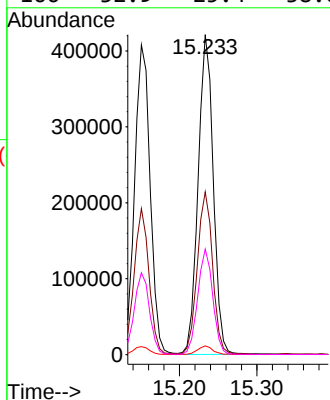
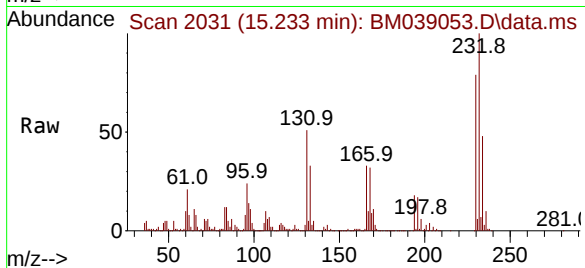




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.318 ng
RT: 15.233 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

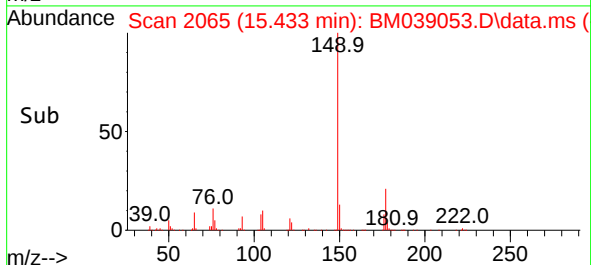
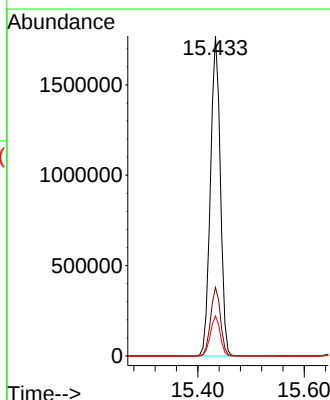
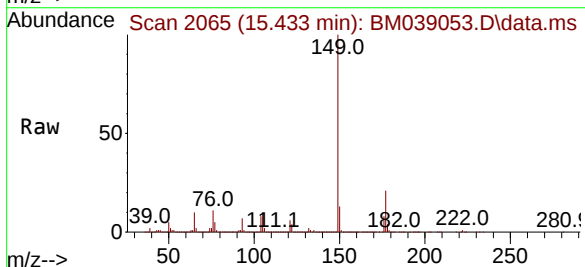
Instrument :
BNA_M
ClientSampleId :
MC-1MS

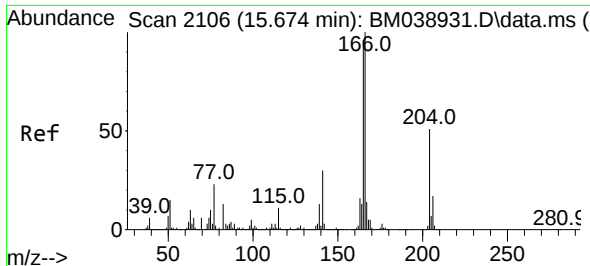
Tgt Ion:232 Resp: 571778
Ion Ratio Lower Upper
232 100
131 51.4 40.0 60.0
130 2.7 2.0 3.0
166 32.9 25.4 38.0



#60
Diethylphthalate
Concen: 44.758 ng
RT: 15.433 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:149 Resp: 2275125
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.5 9.7 14.5

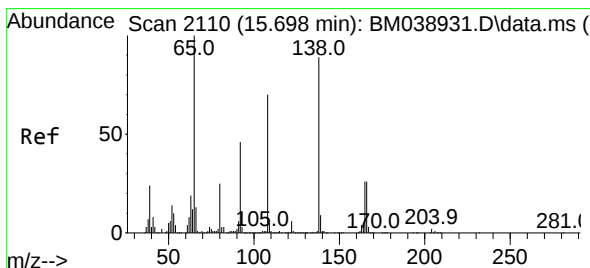
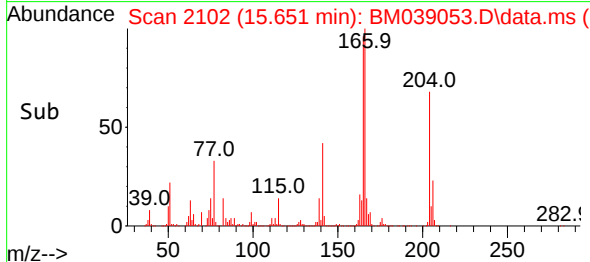
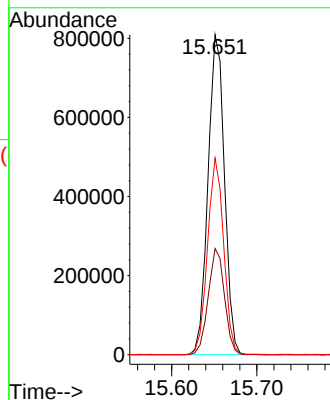
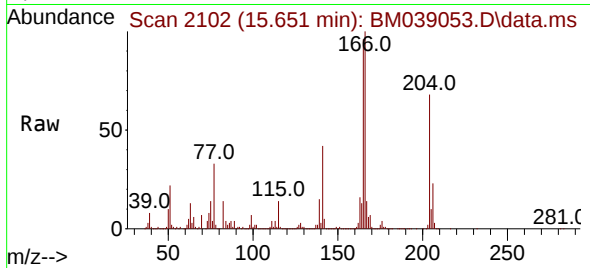




#61
4-Chlorophenyl-phenylether
Concen: 42.361 ng
RT: 15.651 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

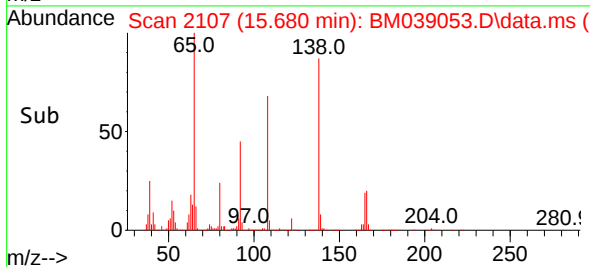
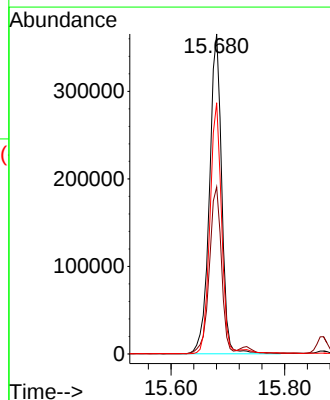
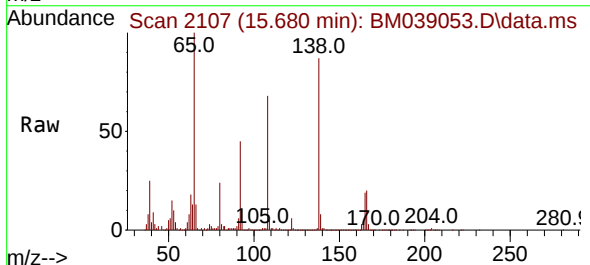
Instrument :
BNA_M
ClientSampleId :
MC-1MS

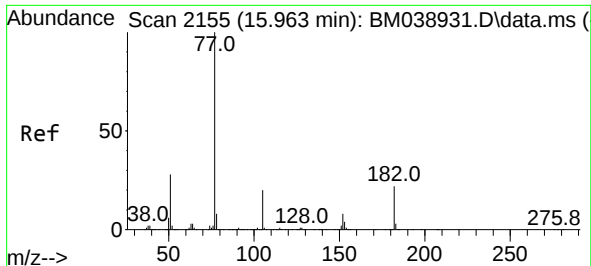
Tgt Ion:204 Resp: 1083043
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 61.4 46.4 69.6



#62
4-Nitroaniline
Concen: 39.994 ng
RT: 15.680 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:138 Resp: 545636
Ion Ratio Lower Upper
138 100
92 52.2 31.6 71.6
108 78.5 58.6 98.6



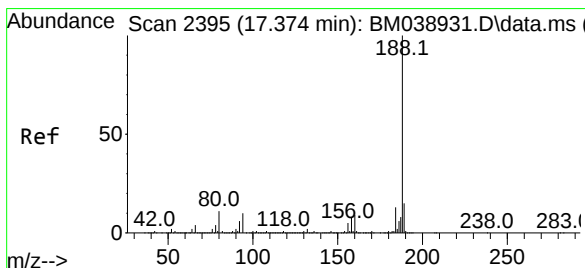
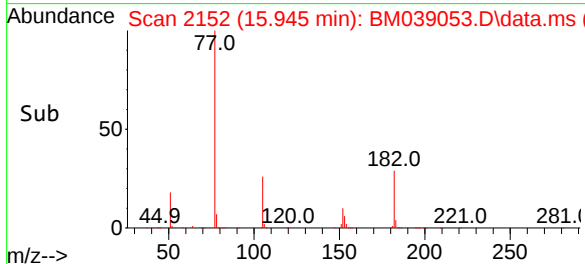
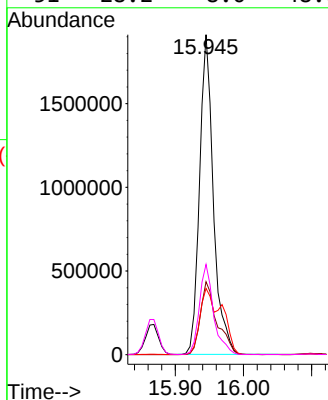
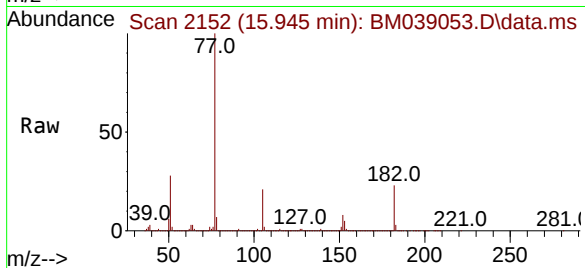


#63
Azobenzene
Concen: 50.159 ng
RT: 15.945 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Instrument :
BNA_M
ClientSampleId :
MC-1MS

Tgt Ion: 77 Resp: 2697817

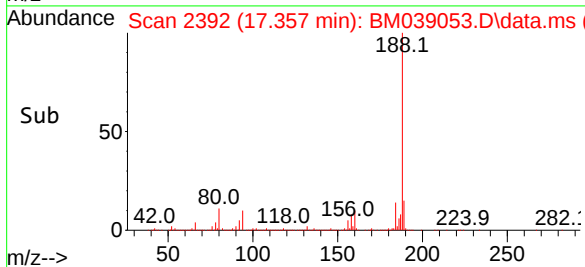
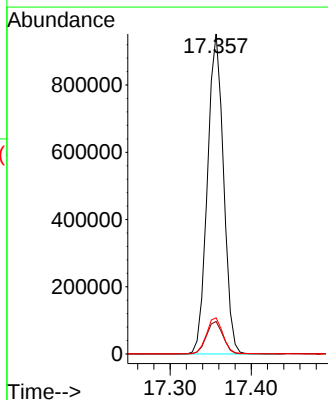
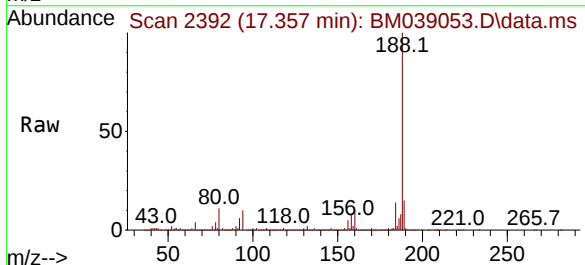
Ion	Ratio	Lower	Upper
77	100		
182	22.8	2.0	42.0
105	20.7	0.4	40.4
51	28.2	8.0	48.0

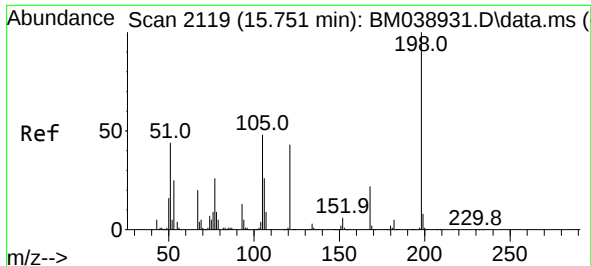


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion: 188 Resp: 1308603

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.9	11.9
80	11.3	8.5	12.7

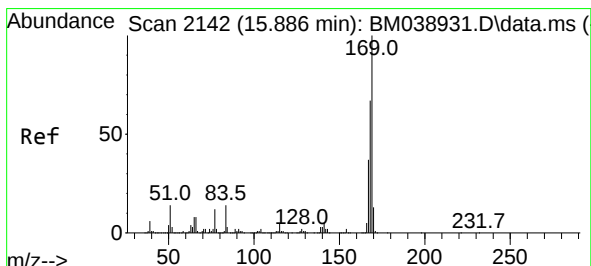
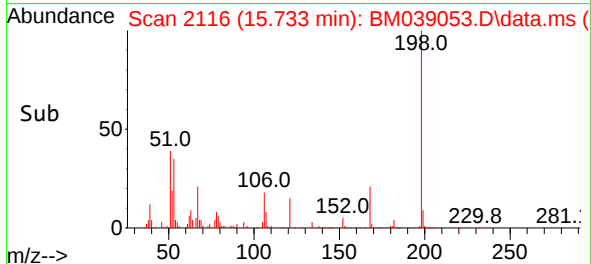
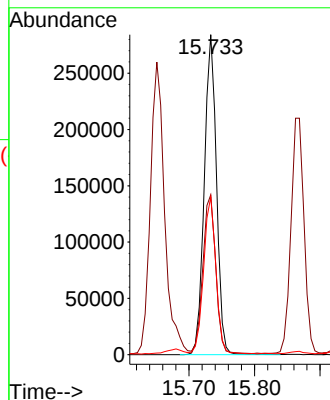
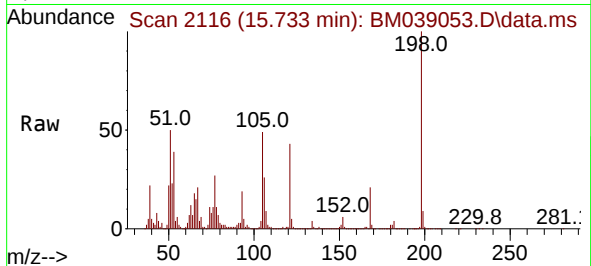




#65
4,6-Dinitro-2-methylphenol
Concen: 43.403 ng
RT: 15.733 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

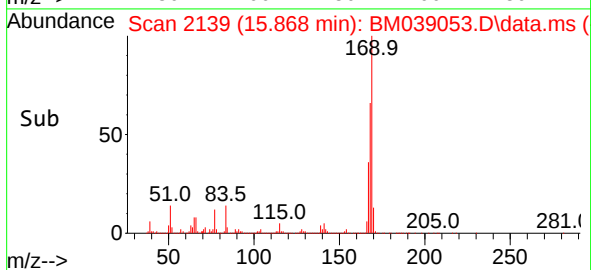
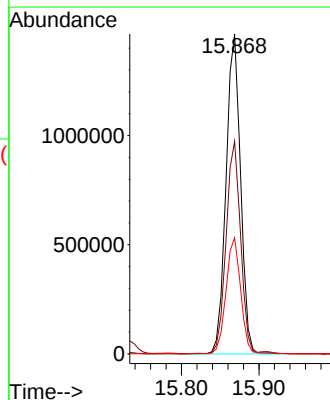
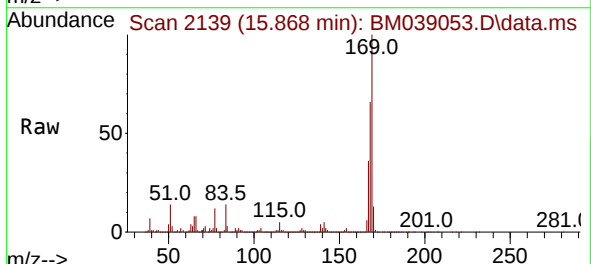
Instrument :
BNA_M
ClientSampleId :
MC-1MS

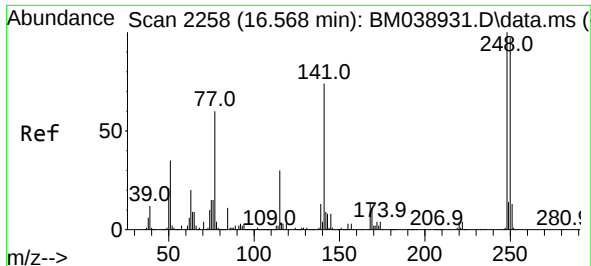
Tgt Ion:198 Resp: 368571
Ion Ratio Lower Upper
198 100
51 49.9 30.1 70.1
105 49.4 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 43.136 ng
RT: 15.868 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:169 Resp: 1902993
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 36.3 29.4 44.0

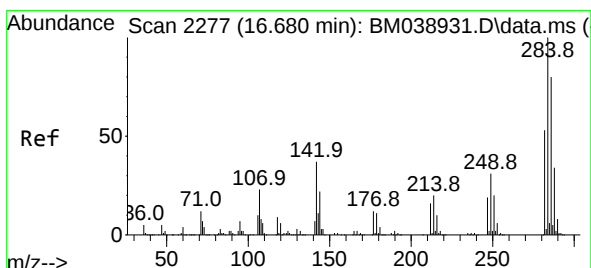
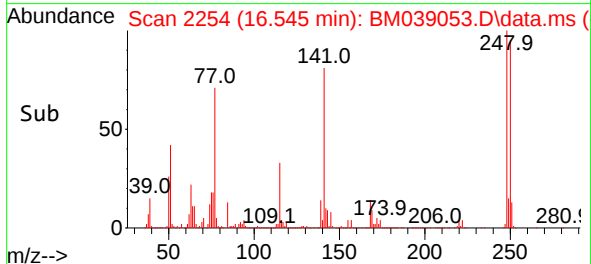
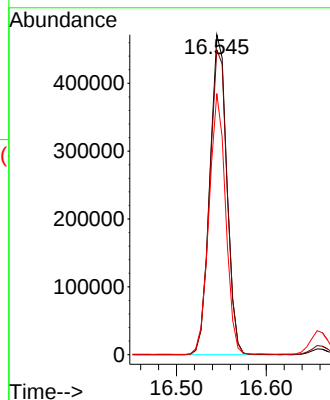
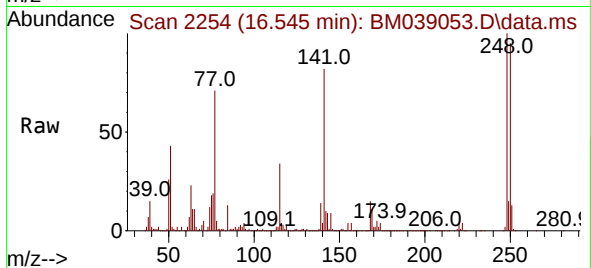




#67
4-Bromophenyl-phenylether
Concen: 43.925 ng
RT: 16.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

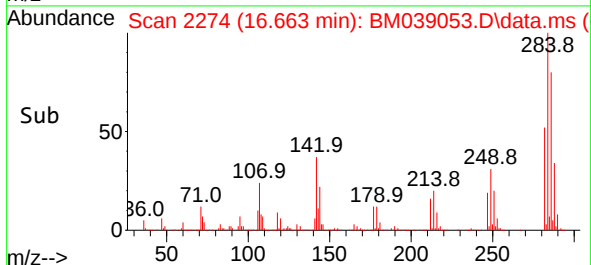
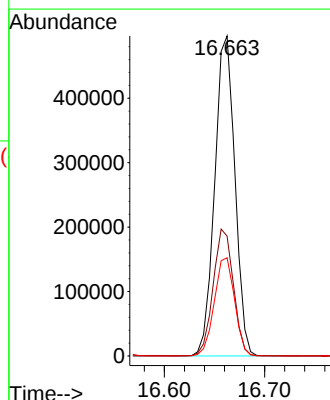
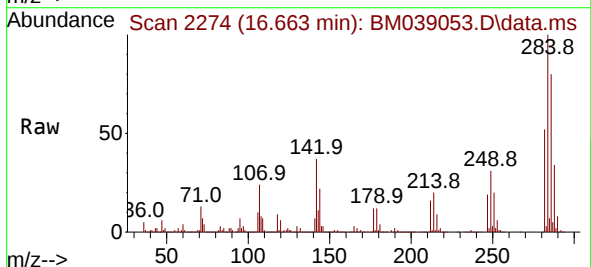
Instrument :
BNA_M
ClientSampleId :
MC-1MS

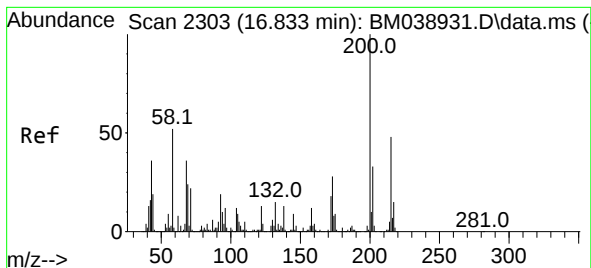
Tgt Ion:248 Resp: 620857
Ion Ratio Lower Upper
248 100
250 95.2 77.8 116.8
141 81.6 59.0 88.4



#68
Hexachlorobenzene
Concen: 43.916 ng
RT: 16.663 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:284 Resp: 693907
Ion Ratio Lower Upper
284 100
142 37.4 29.5 44.3
249 30.7 25.0 37.4





#69

Atrazine

Concen: 50.868 ng

RT: 16.821 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

Instrument :

BNA_M

ClientSampleId :

MC-1MS

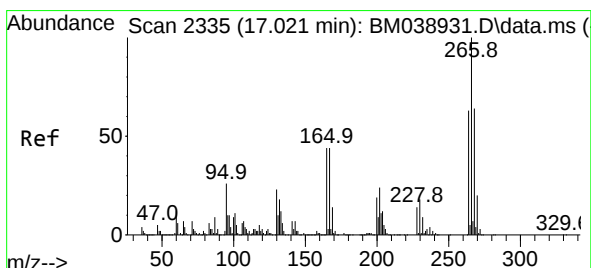
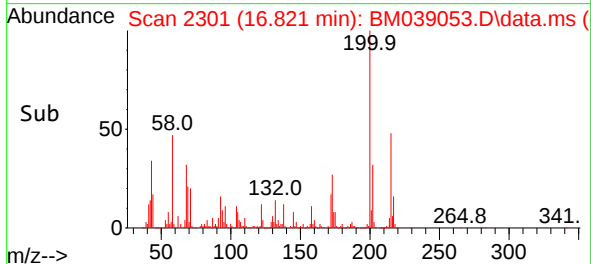
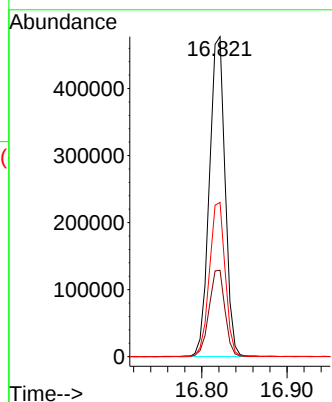
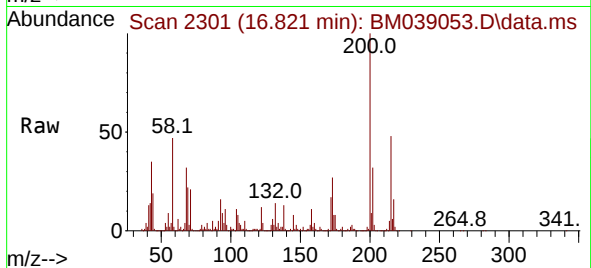
Tgt Ion:200 Resp: 612956

Ion Ratio Lower Upper

200 100

173 27.0 8.2 48.2

215 48.2 27.8 67.8



#70

Pentachlorophenol

Concen: 80.812 ng

RT: 17.004 min Scan# 2332

Delta R.T. -0.006 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

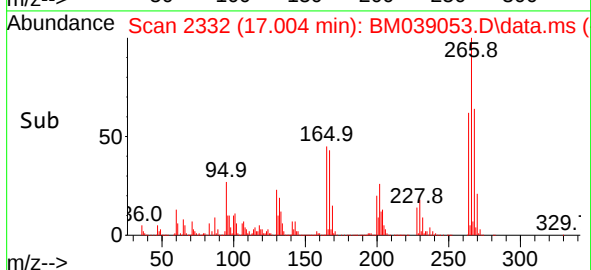
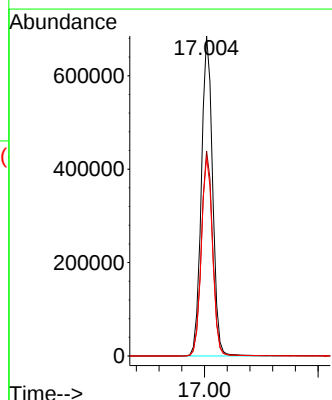
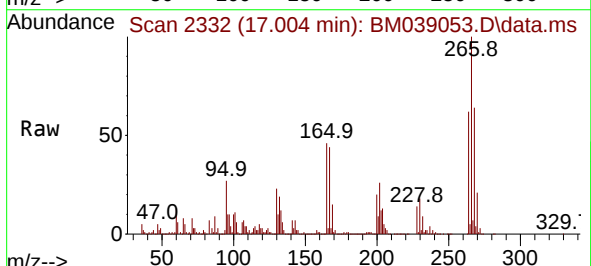
Tgt Ion:266 Resp: 939155

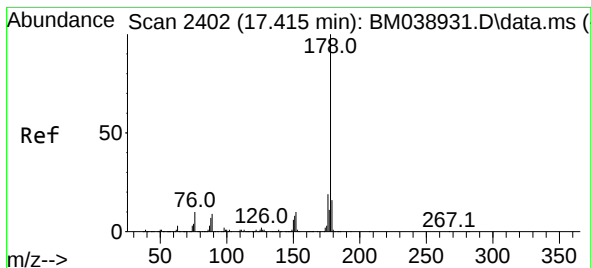
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.4

264 62.2 50.3 75.5





#71

Phenanthrene

Concen: 44.917 ng

RT: 17.398 min Scan# 2402

Delta R.T. -0.006 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

Instrument :

BNA_M

ClientSampleId :

MC-1MS

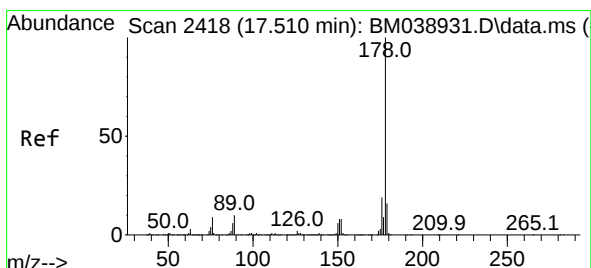
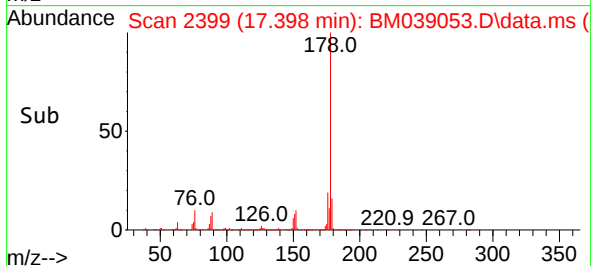
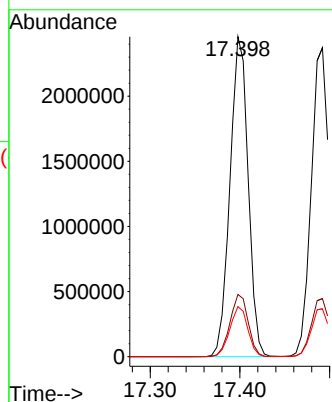
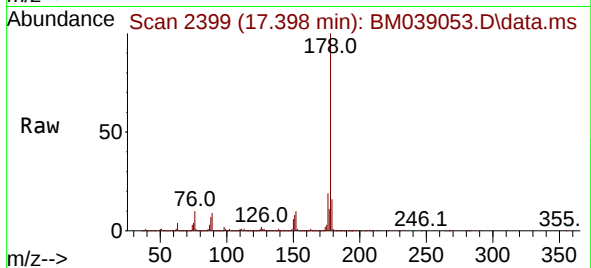
Tgt Ion:178 Resp: 3449727

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.7 12.5 18.7



#72

Anthracene

Concen: 44.072 ng

RT: 17.492 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

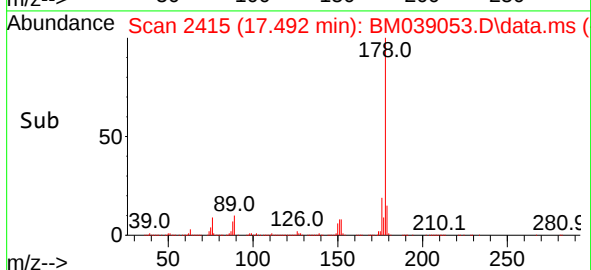
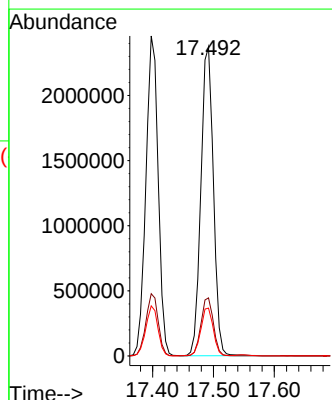
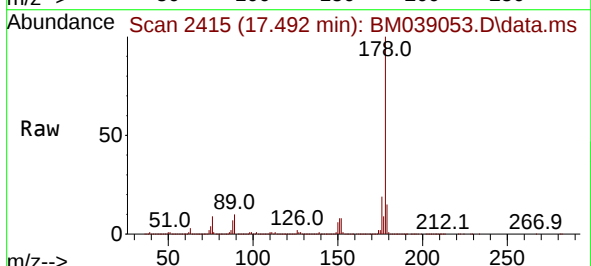
Tgt Ion:178 Resp: 3375557

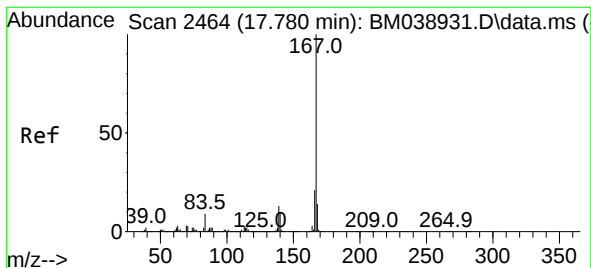
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.5 12.5 18.7





#73

Carbazole

Concen: 45.346 ng

RT: 17.762 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

Instrument :

BNA_M

ClientSampleId :

MC-1MS

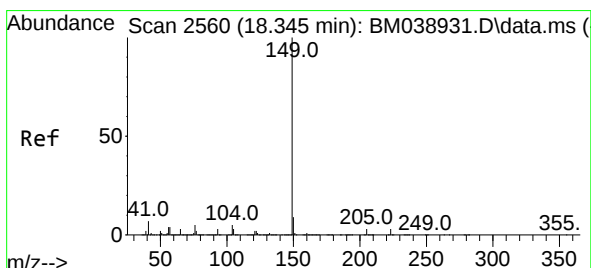
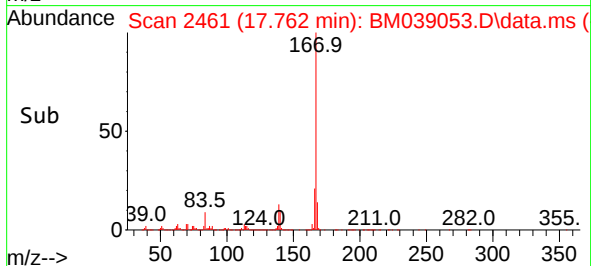
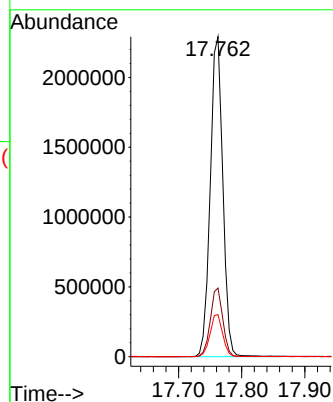
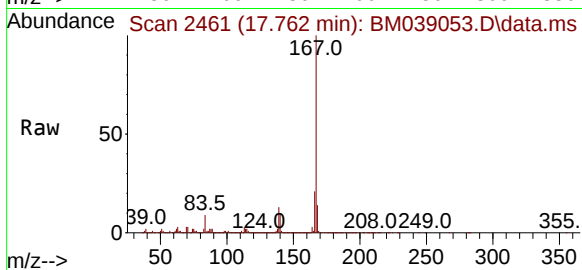
Tgt Ion:167 Resp: 3169797

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 46.716 ng

RT: 18.327 min Scan# 2557

Delta R.T. 0.000 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

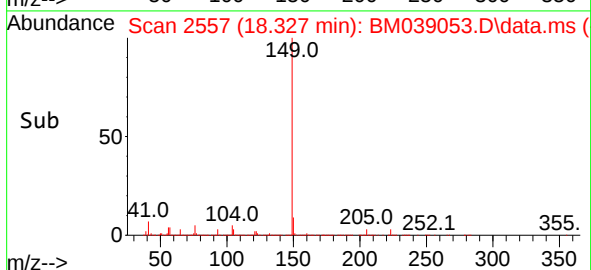
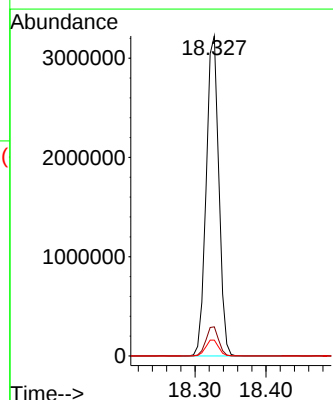
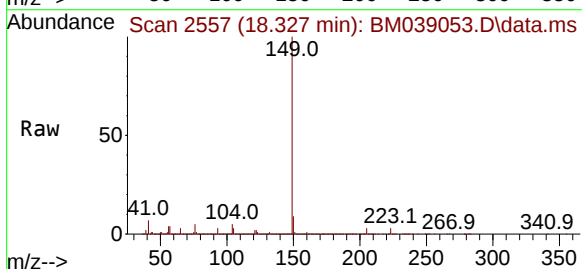
Tgt Ion:149 Resp: 3978689

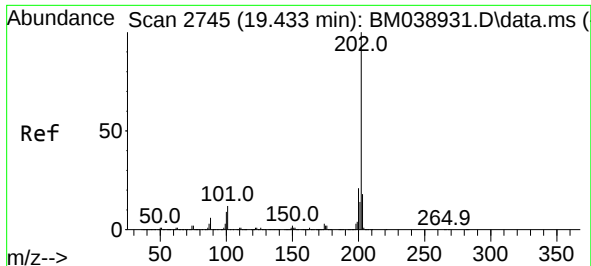
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.0 4.3 6.5

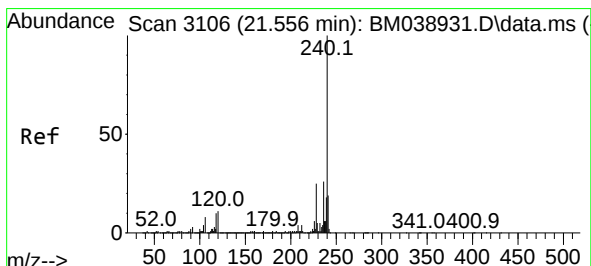
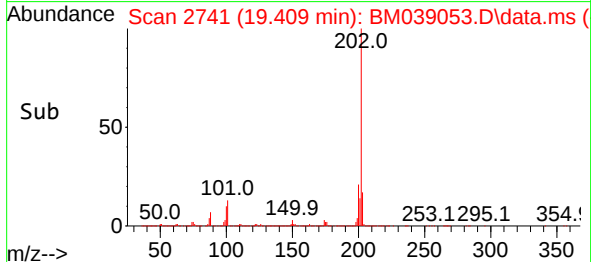
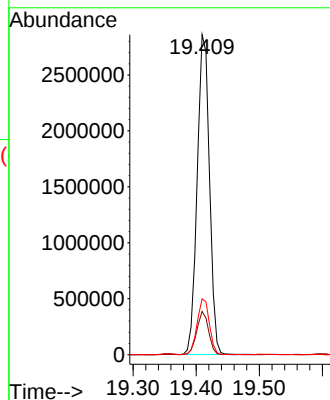
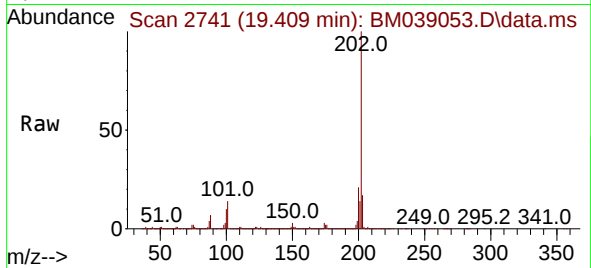




#75
Fluoranthene
Concen: 47.559 ng
RT: 19.409 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

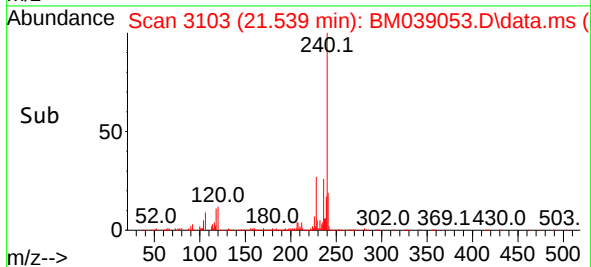
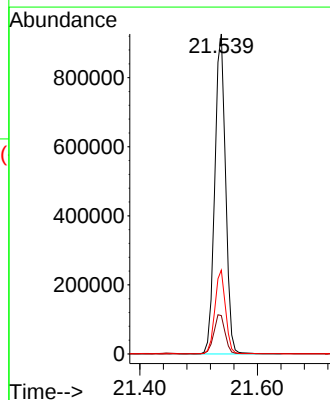
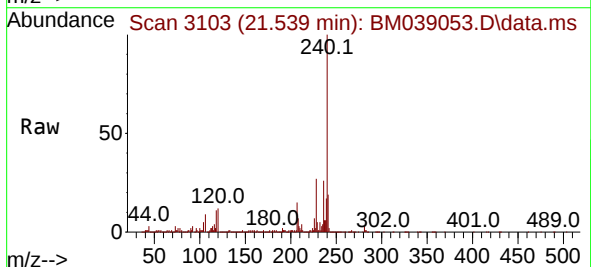
Instrument :
BNA_M
ClientSampleId :
MC-1MS

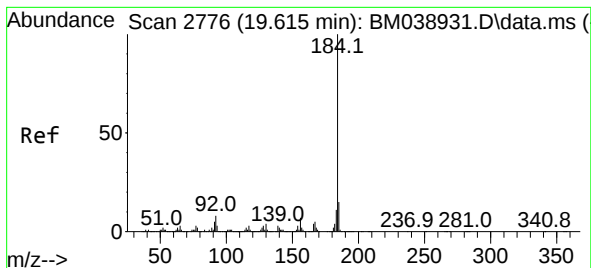
Tgt Ion:202 Resp: 3856611
Ion Ratio Lower Upper
202 100
101 13.5 0.0 31.7
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:240 Resp: 1180683
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.2 20.8 31.2





#77

Benzidine

Concen: 52.516 ng

RT: 19.598 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

Instrument :

BNA_M

ClientSampleId :

MC-1MS

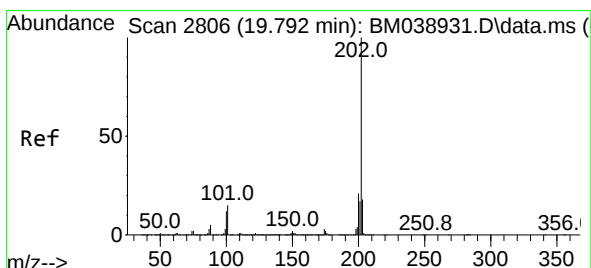
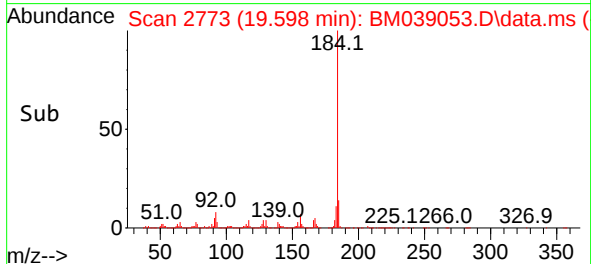
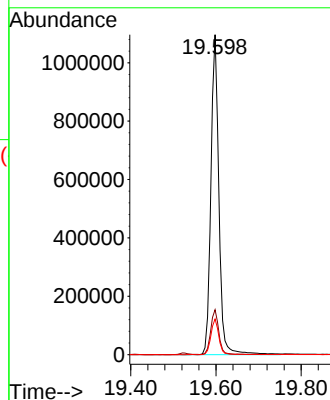
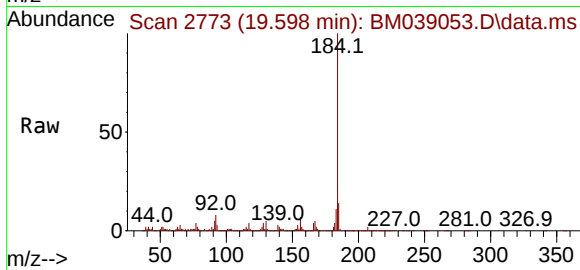
Tgt Ion:184 Resp: 1427083

Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.4

183 11.2 8.8 13.2



#78

Pyrene

Concen: 45.188 ng

RT: 19.774 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

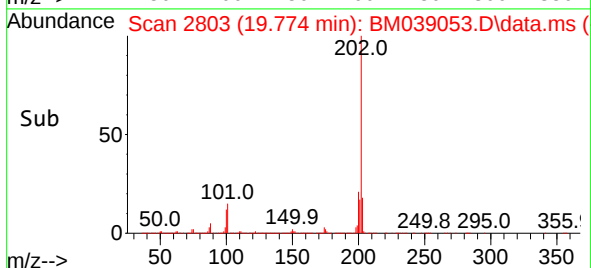
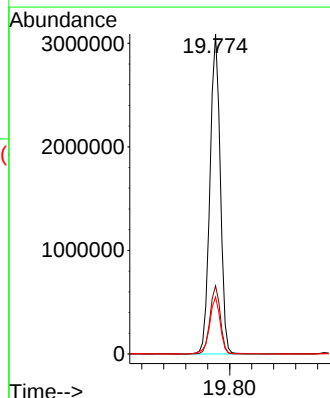
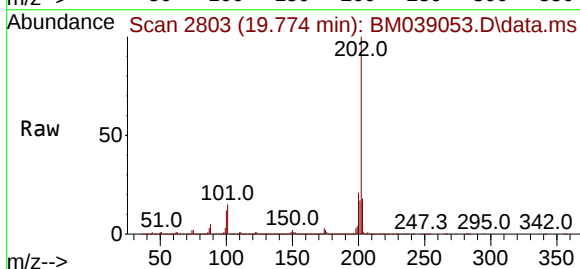
Tgt Ion:202 Resp: 4007204

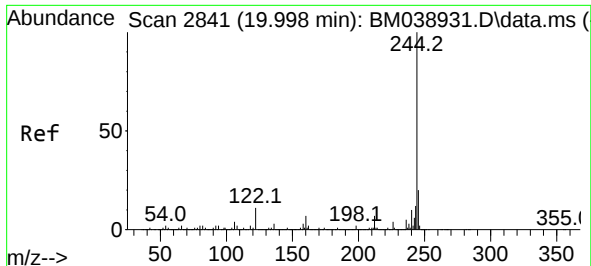
Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 17.8 14.1 21.1

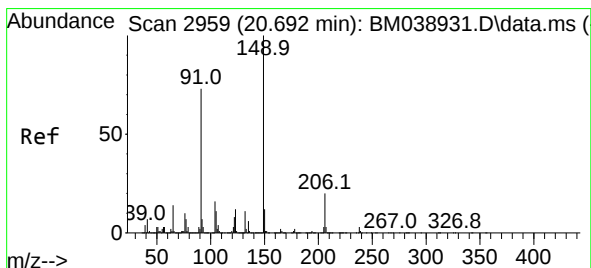
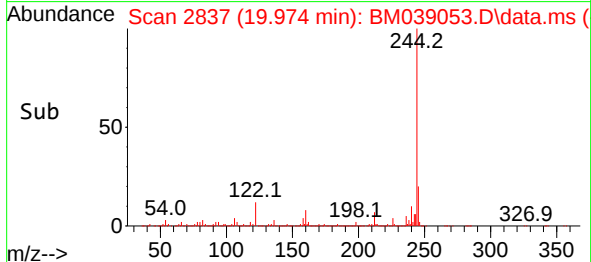
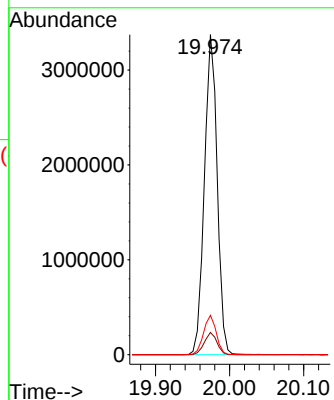
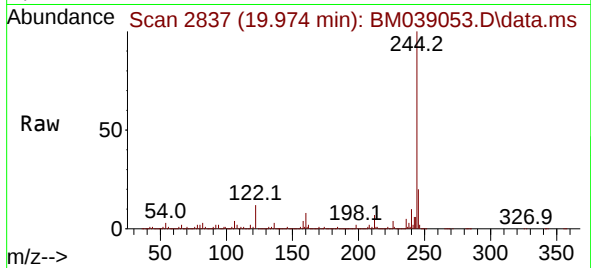




#79
 Terphenyl-d14
 Concen: 62.606 ng
 RT: 19.974 min Scan# 2837
 Delta R.T. -0.006 min
 Lab File: BM039053.D
 Acq: 20 Mar 2023 20:32

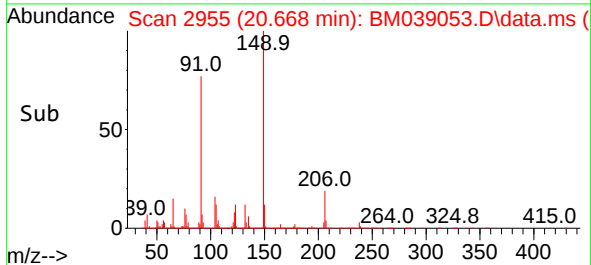
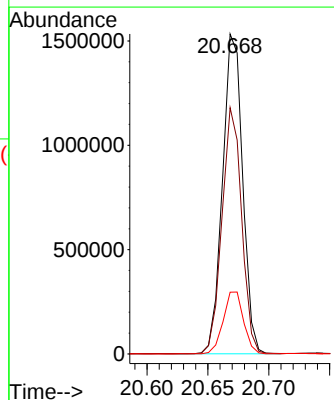
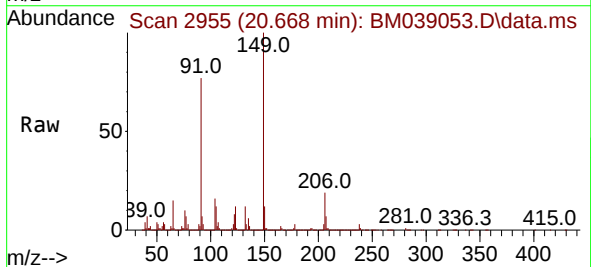
Instrument :
 BNA_M
 ClientSampleId :
 MC-1MS

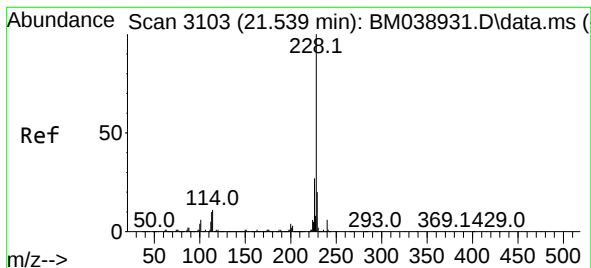
Tgt Ion:244 Resp: 4042905
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 12.3 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 46.787 ng
 RT: 20.668 min Scan# 2955
 Delta R.T. -0.006 min
 Lab File: BM039053.D
 Acq: 20 Mar 2023 20:32

Tgt Ion:149 Resp: 1760804
 Ion Ratio Lower Upper
 149 100
 91 76.9 58.4 87.6
 206 19.3 16.1 24.1





#81

Benzo(a)anthracene

Concen: 45.097 ng

RT: 21.521 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

Instrument :

BNA_M

ClientSampleId :

MC-1MS

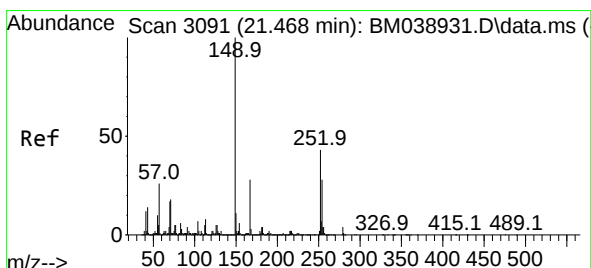
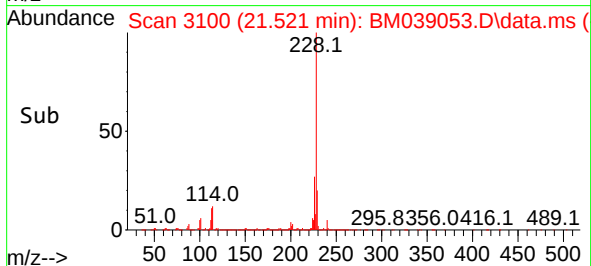
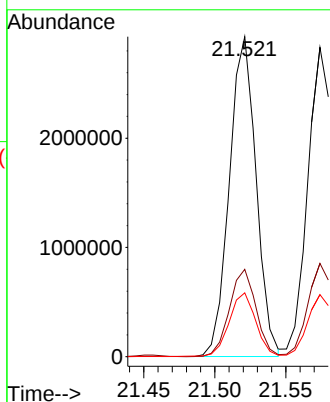
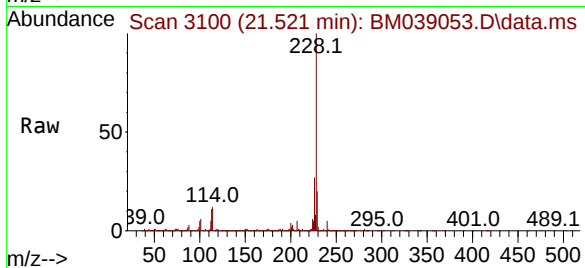
Tgt Ion:228 Resp: 3834420

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.2

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 43.297 ng

RT: 21.456 min Scan# 3089

Delta R.T. 0.000 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

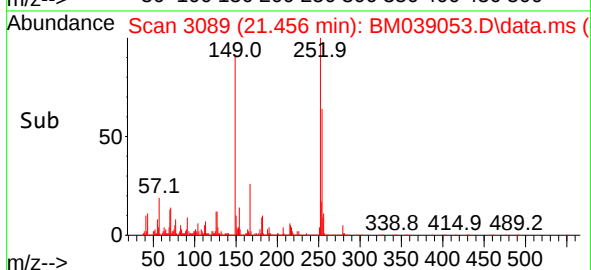
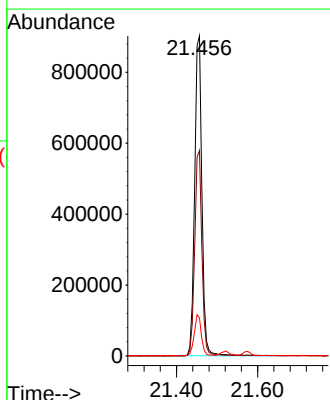
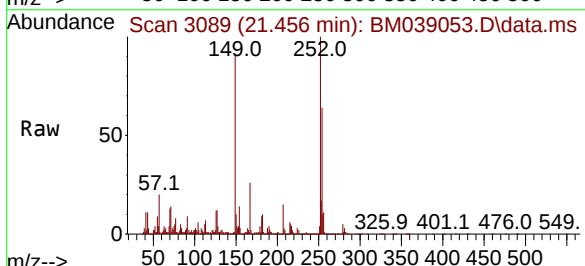
Tgt Ion:252 Resp: 1131427

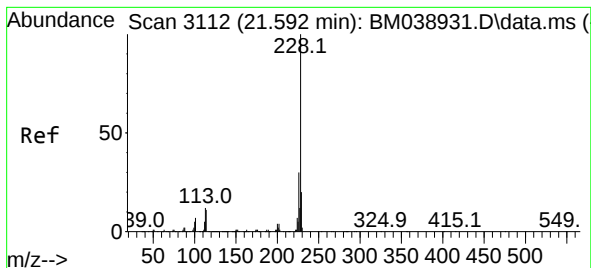
Ion Ratio Lower Upper

252 100

254 64.2 51.5 77.3

126 11.9 9.9 14.9





#83

Chrysene

Concen: 43.681 ng

RT: 21.574 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

Instrument :

BNA_M

ClientSampleId :

MC-1MS

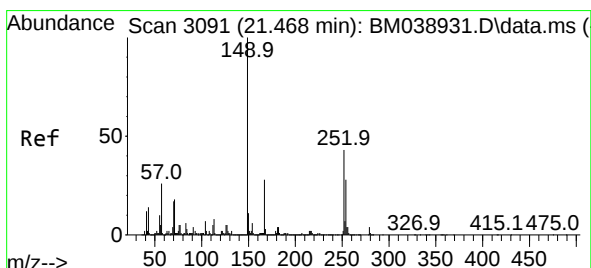
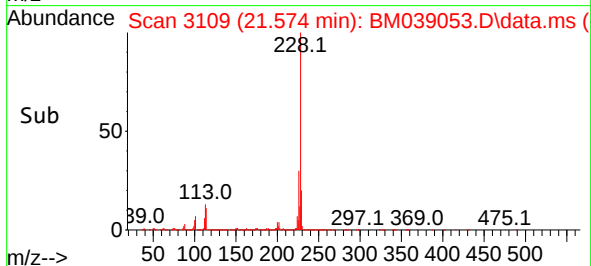
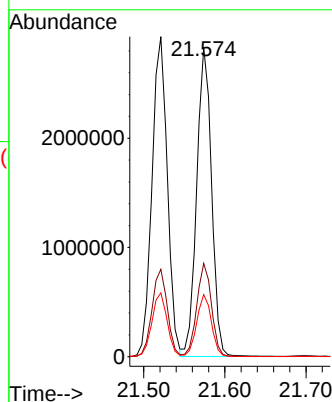
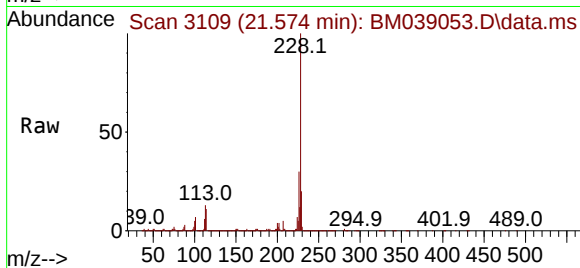
Tgt Ion:228 Resp: 3612248

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.666 ng

RT: 21.445 min Scan# 3087

Delta R.T. -0.006 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

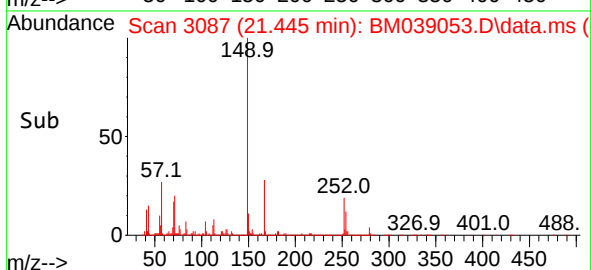
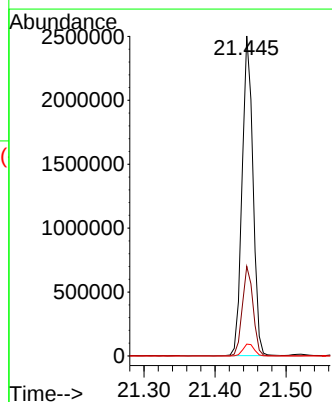
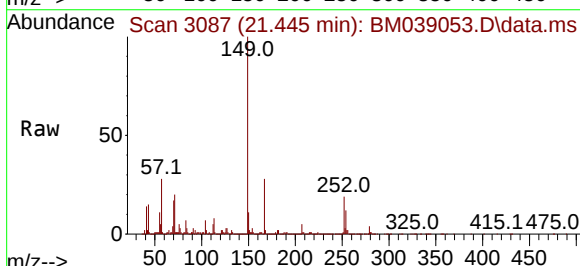
Tgt Ion:149 Resp: 2655212

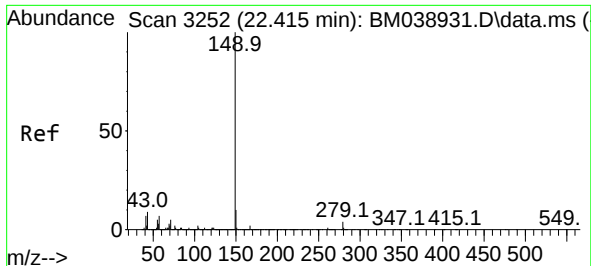
Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

279 3.7 3.2 4.8

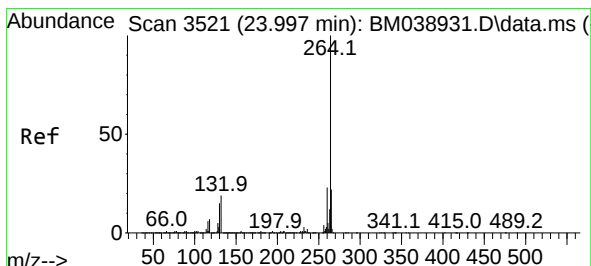
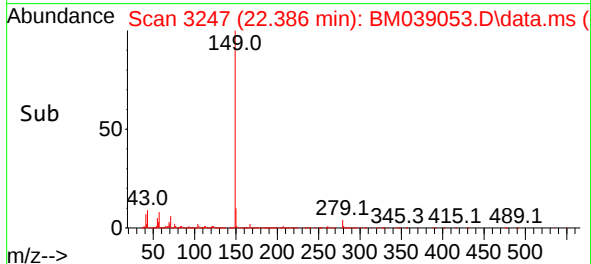
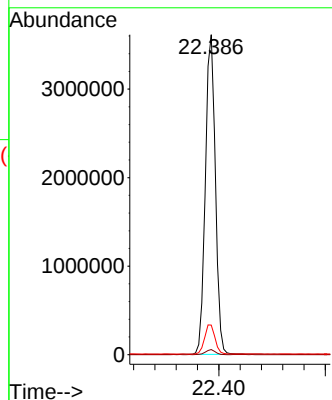
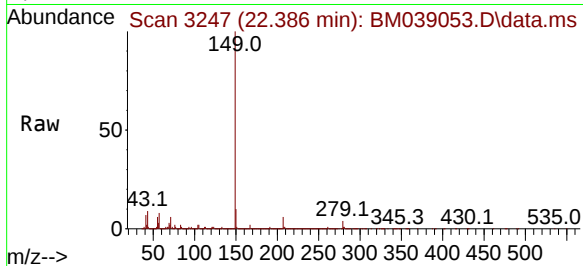




#85
Di-n-octyl phthalate
Concen: 51.566 ng
RT: 22.386 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

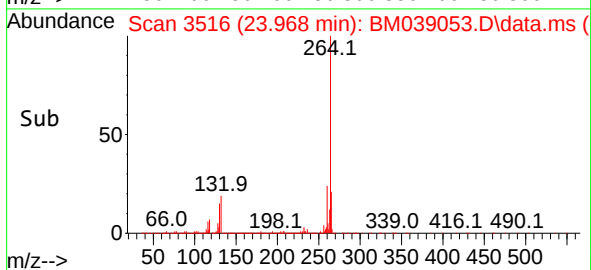
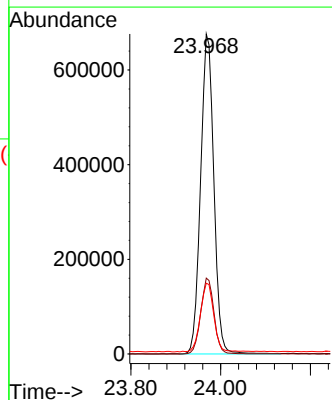
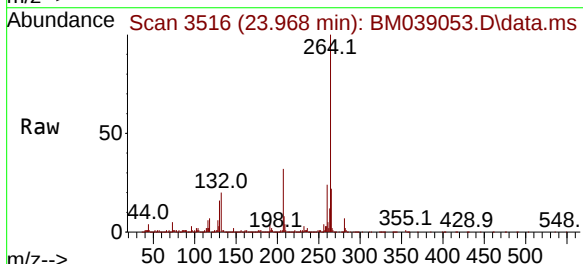
Instrument :
BNA_M
ClientSampleId :
MC-1MS

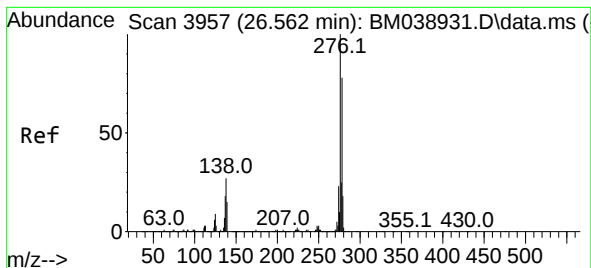
Tgt Ion:149 Resp: 4693121
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.968 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:264 Resp: 1385169
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.045 ng

RT: 26.515 min Scan# 3949

Delta R.T. -0.006 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

Instrument :

BNA_M

ClientSampleId :

MC-1MS

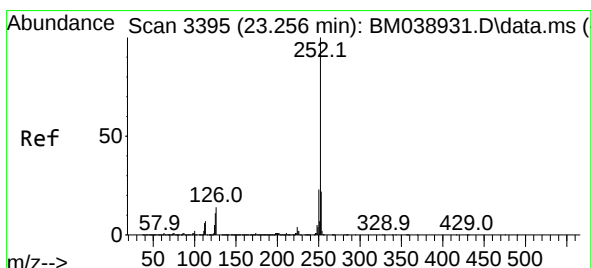
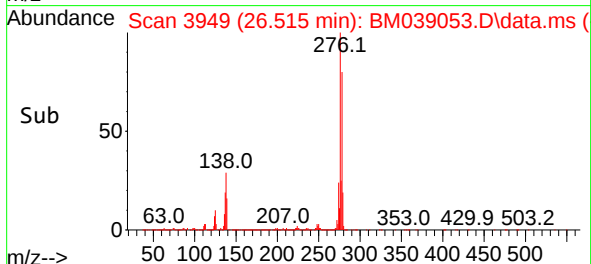
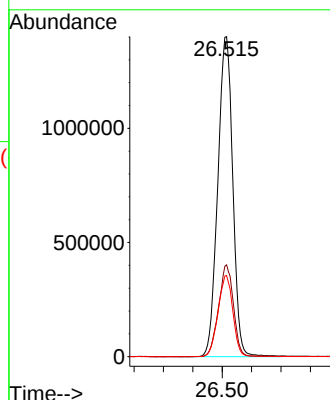
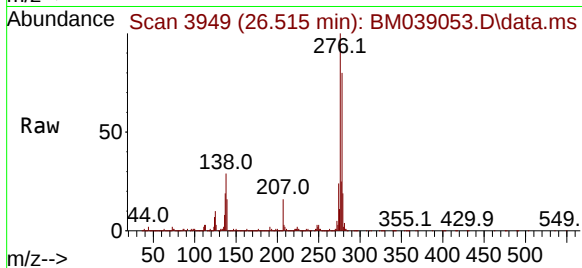
Tgt Ion:276 Resp: 4958607

Ion Ratio Lower Upper

276 100

138 28.6 22.1 33.1

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 45.609 ng

RT: 23.227 min Scan# 3390

Delta R.T. -0.012 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

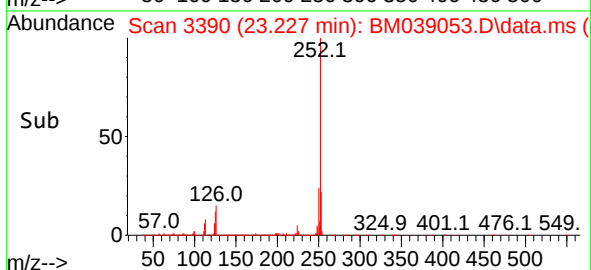
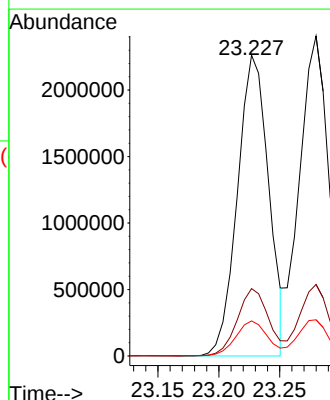
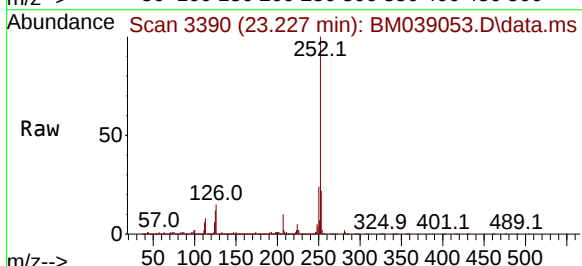
Tgt Ion:252 Resp: 4036072

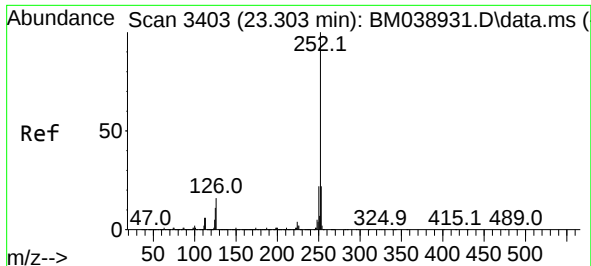
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 11.6 8.8 13.2

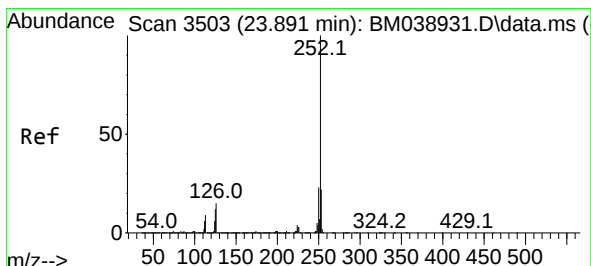
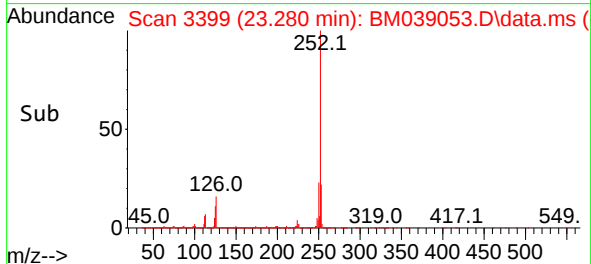
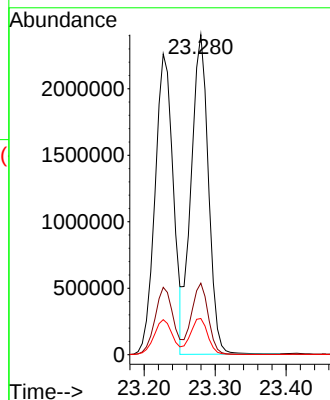
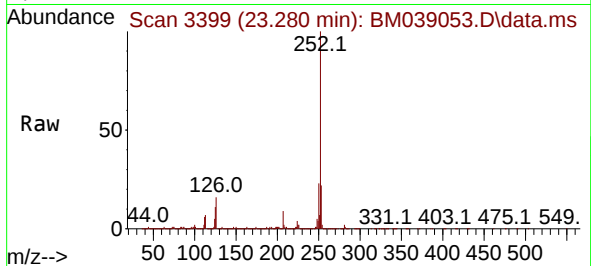




#89
Benzo(k)fluoranthene
Concen: 44.248 ng
RT: 23.280 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

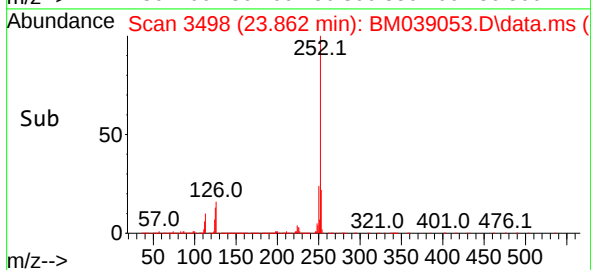
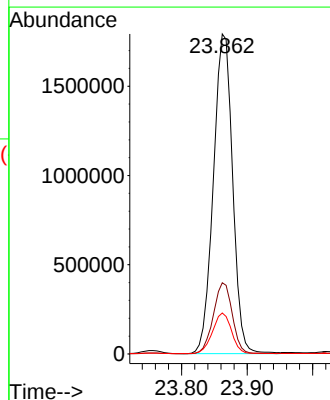
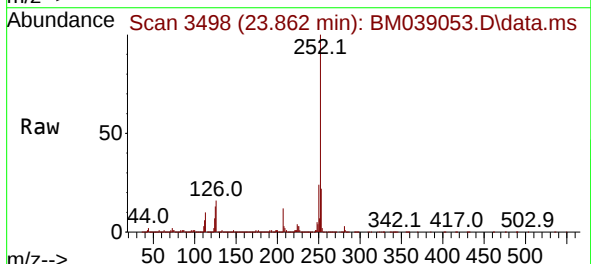
Instrument :
BNA_M
ClientSampleId :
MC-1MS

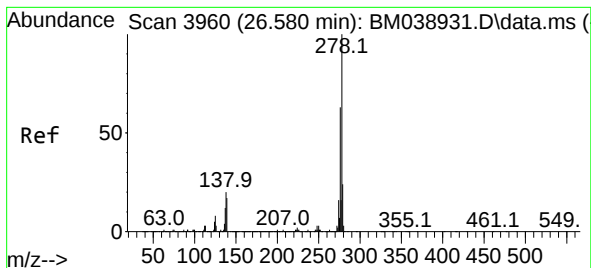
Tgt Ion:252 Resp: 4075019
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.3 8.9 13.3



#90
Benzo(a)pyrene
Concen: 42.826 ng
RT: 23.862 min Scan# 3498
Delta R.T. -0.012 min
Lab File: BM039053.D
Acq: 20 Mar 2023 20:32

Tgt Ion:252 Resp: 3647383
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 12.8 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 46.593 ng

RT: 26.527 min Scan# 3951

Delta R.T. -0.012 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

Instrument :

BNA_M

ClientSampleId :

MC-1MS

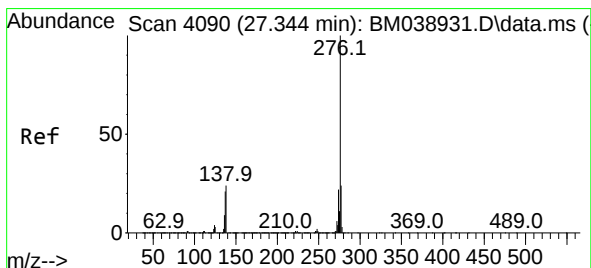
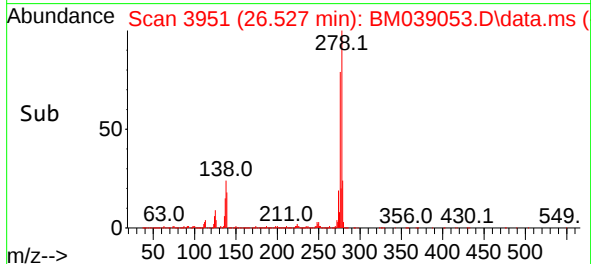
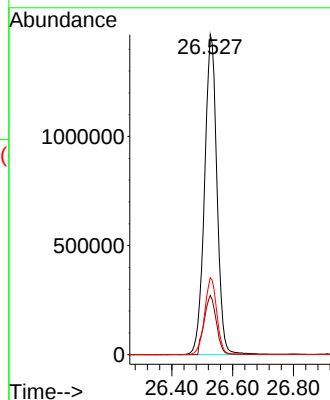
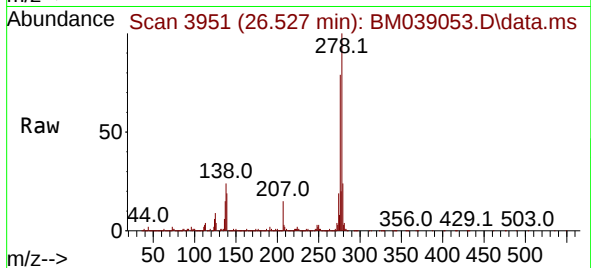
Tgt Ion:278 Resp: 4158950

Ion Ratio Lower Upper

278 100

139 18.5 13.7 20.5

279 24.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 46.293 ng

RT: 27.291 min Scan# 4081

Delta R.T. -0.012 min

Lab File: BM039053.D

Acq: 20 Mar 2023 20:32

Tgt Ion:276 Resp: 4042744

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 24.9 19.0 28.6

