

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030823\
 Data File : BM038938.D
 Acq On : 08 Mar 2023 20:54
 Operator : CG/JU
 Sample : PB150937BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150937BSD

Quant Time: Mar 09 05:43:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 05:21:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	415143	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1559035	20.000	ng	0.00
39) Acenaphthene-d10	14.634	164	823168	20.000	ng	0.00
64) Phenanthrene-d10	17.375	188	1440527	20.000	ng	0.00
76) Chrysene-d12	21.557	240	1007424	20.000	ng	0.00
86) Perylene-d12	23.998	264	919202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	3460938	126.659	ng	0.00
7) Phenol-d6	7.158	99	4283358	120.684	ng	0.00
23) Nitrobenzene-d5	9.163	82	2495147	78.615	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	1108918	116.449	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	5045638	79.794	ng	0.00
79) Terphenyl-d14	19.992	244	5009475	90.915	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.411	88	582256	47.898	ng	99
3) Pyridine	3.817	79	1505803	44.664	ng	99
4) n-Nitrosodimethylamine	3.722	42	670342	48.862	ng	99
6) Aniline	7.322	93	2076563	44.560	ng	99
8) 2-Chlorophenol	7.558	128	1625827	55.888	ng	99
9) Benzaldehyde	7.128	77	705227	41.756	ng	98
10) Phenol	7.181	94	2067183	54.846	ng	98
11) bis(2-Chloroethyl)ether	7.416	93	1606212	52.416	ng	99
12) 1,3-Dichlorobenzene	7.881	146	1731153	55.997	ng	100
13) 1,4-Dichlorobenzene	8.034	146	1751033	55.691	ng	99
14) 1,2-Dichlorobenzene	8.352	146	1679249	55.445	ng	100
15) Benzyl Alcohol	8.240	79	1346028	52.911	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.534	45	2019087	52.172	ng	98
17) 2-Methylphenol	8.440	107	1320619	51.006	ng	99
18) Hexachloroethane	9.087	117	655685	56.521	ng	95
19) n-Nitroso-di-n-propyla...	8.810	70	1178224	52.704	ng	99
20) 3+4-Methylphenols	8.769	107	1724085	49.871	ng	98
22) Acetophenone	8.822	105	2334195	53.364	ng	# 99
24) Nitrobenzene	9.204	77	1753289	52.558	ng	100
25) Isophorone	9.740	82	3105647	53.173	ng	100
26) 2-Nitrophenol	9.916	139	783487	52.867	ng	98
27) 2,4-Dimethylphenol	9.981	122	1444537	56.762	ng	98
28) bis(2-Chloroethoxy)met...	10.222	93	2034894	54.224	ng	100
29) 2,4-Dichlorophenol	10.451	162	1367164	56.664	ng	100
30) 1,2,4-Trichlorobenzene	10.669	180	1469073	55.719	ng	99
31) Naphthalene	10.863	128	4681299	52.659	ng	99
32) Benzoic acid	10.122	122	910376	48.666	ng	99
33) 4-Chloroaniline	10.969	127	613389	16.190	ng	100
34) Hexachlorobutadiene	11.146	225	846178	55.965	ng	100
35) Caprolactam	11.757	113	217892	29.672	ng	99
36) 4-Chloro-3-methylphenol	12.087	107	1346163	52.396	ng	100
37) 2-Methylnaphthalene	12.463	142	3090521	51.868	ng	99
38) 1-Methylnaphthalene	12.687	142	2837416	50.814	ng	100
40) 1,2,4,5-Tetrachloroben...	12.834	216	1516656	56.675	ng	99
41) Hexachlorocyclopentadiene	12.816	237	2215843	150.848	ng	99
43) 2,4,6-Trichlorophenol	13.069	196	976240	56.335	ng	99

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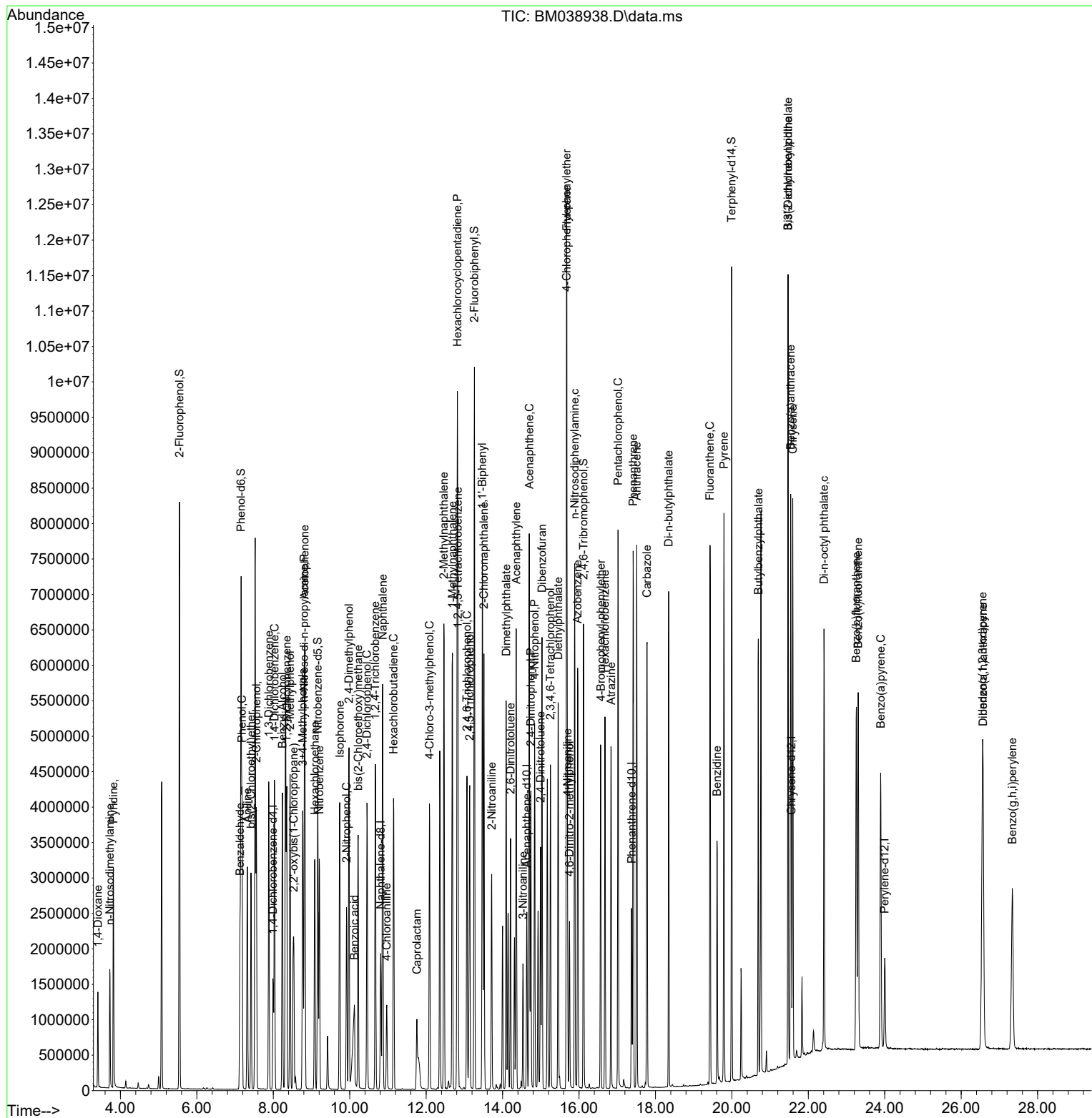
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44) 2,4,5-Trichlorophenol	13.139	196	1040122	51.279	ng	97
46) 1,1'-Biphenyl	13.469	154	3805623	54.571	ng	99
47) 2-Chloronaphthalene	13.510	162	2922975	55.584	ng	100
48) 2-Nitroaniline	13.716	65	805402	47.844	ng	95
49) Acenaphthylene	14.357	152	4471139	53.379	ng	99
50) Dimethylphthalate	14.092	163	3239398	51.141	ng	100
51) 2,6-Dinitrotoluene	14.210	165	692535	49.382	ng	98
52) Acenaphthene	14.698	154	2677334	52.010	ng	99
53) 3-Nitroaniline	14.534	138	418604	26.305	ng	99
54) 2,4-Dinitrophenol	14.739	184	771215	94.760	ng	94
55) Dibenzofuran	15.033	168	4096641	50.855	ng	100
56) 4-Nitrophenol	14.839	139	1242523	98.770	ng	98
57) 2,4-Dinitrotoluene	14.992	165	902175	48.897	ng	98
58) Fluorene	15.681	166	3236124	51.285	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.251	232	823868	52.666	ng	99
60) Diethylphthalate	15.457	149	3116530	50.566	ng	99
61) 4-Chlorophenyl-phenyle...	15.675	204	1605678	51.797	ng	99
62) 4-Nitroaniline	15.698	138	699521	42.187	ng	98
63) Azobenzene	15.963	77	3338666	51.196	ng	99
65) 4,6-Dinitro-2-methylph...	15.751	198	456123	48.162	ng	97
66) n-Nitrosodiphenylamine	15.886	169	2666388	54.906	ng	100
67) 4-Bromophenyl-phenylether	16.569	248	869571	55.888	ng	99
68) Hexachlorobenzene	16.680	284	1022262	58.772	ng	99
69) Atrazine	16.839	200	818804	61.728	ng	98
70) Pentachlorophenol	17.022	266	1250408	97.741	ng	99
71) Phenanthrene	17.416	178	4408297	52.141	ng	100
72) Anthracene	17.510	178	4523124	53.647	ng	99
73) Carbazole	17.780	167	3957658	51.432	ng	99
74) Di-n-butylphthalate	18.345	149	4692979	49.928	ng	100
75) Fluoranthene	19.427	202	4321859	48.415	ng	99
77) Benzidine	19.610	184	1801100	75.341	ng	99
78) Pyrene	19.792	202	4555938	60.211	ng	100
80) Butylbenzylphthalate	20.692	149	1759026	54.212	ng	99
81) Benzo(a)anthracene	21.539	228	3881593	53.503	ng	100
82) 3,3'-Dichlorobenzidine	21.468	252	832811	37.351	ng	100
83) Chrysene	21.592	228	3691336	52.314	ng	100
84) Bis(2-ethylhexyl)phtha...	21.468	149	2526304	53.981	ng	100
85) Di-n-octyl phthalate	22.409	149	4010159	51.635	ng	99
87) Indeno(1,2,3-cd)pyrene	26.556	276	3549848	50.752	ng	100
88) Benzo(b)fluoranthene	23.256	252	3517145	59.892	ng	99
89) Benzo(k)fluoranthene	23.304	252	3445502	56.377	ng	100
90) Benzo(a)pyrene	23.892	252	2945369	52.114	ng	100
91) Dibenzo(a,h)anthracene	26.574	278	3018131	50.952	ng	99
92) Benzo(g,h,i)perylene	27.339	276	2835371	48.926	ng	99

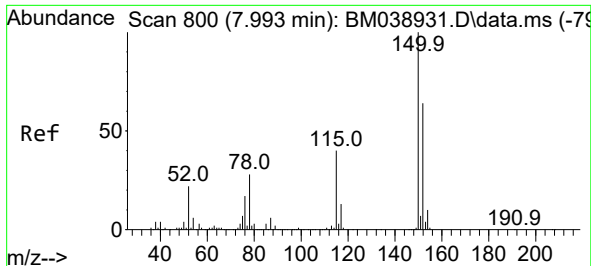
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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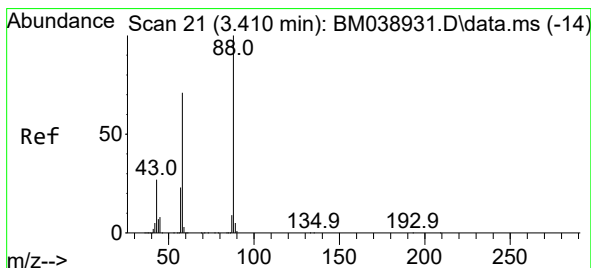
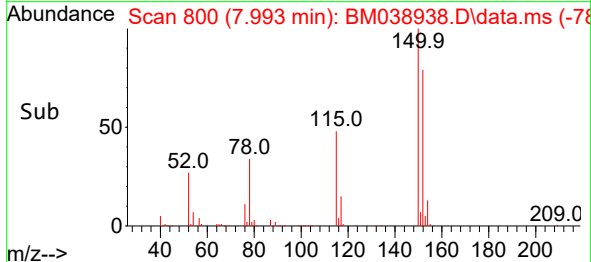
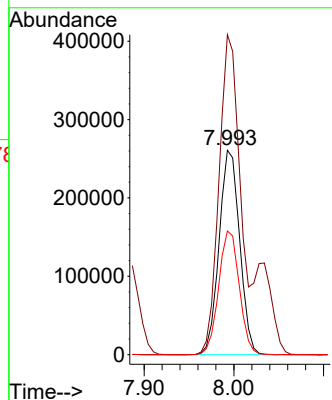
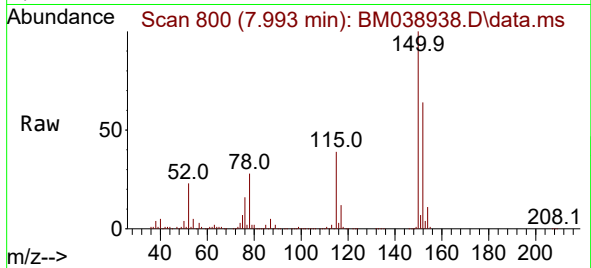




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.993 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BM038938.D
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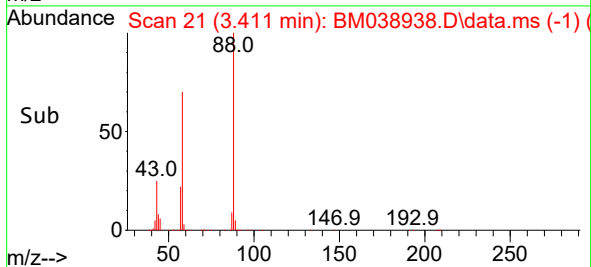
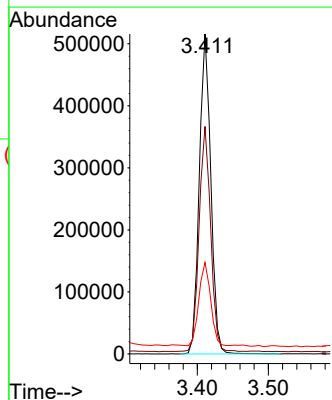
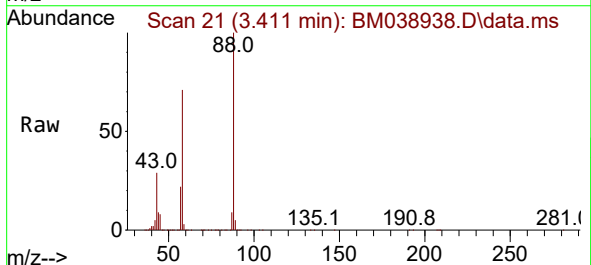
Instrument :
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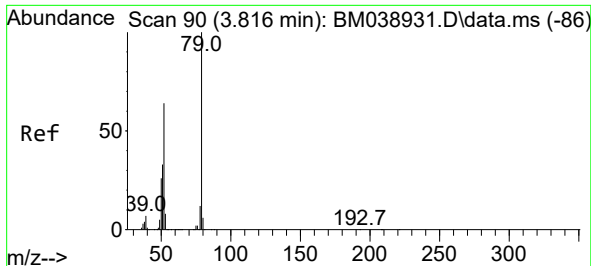
Tgt Ion:152 Resp: 415143
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.1 187.7
 115 60.5 49.6 74.4



#2
 1,4-Dioxane
 Concen: 47.898 ng
 RT: 3.411 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038938.D
 Acq: 08 Mar 2023 20:54

Tgt Ion: 88 Resp: 582256
 Ion Ratio Lower Upper
 88 100
 58 70.9 57.2 85.8
 43 26.2 22.0 33.0

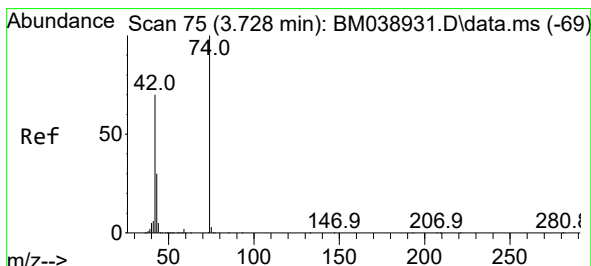
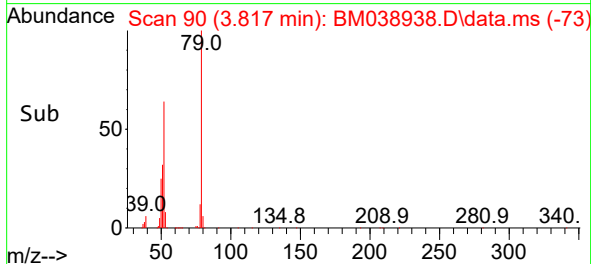
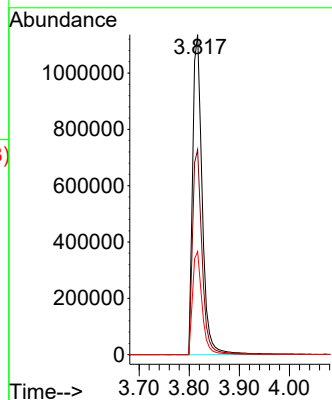
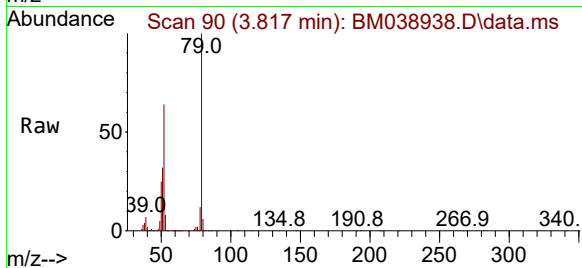




#3
Pyridine
Concen: 44.664 ng
RT: 3.817 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

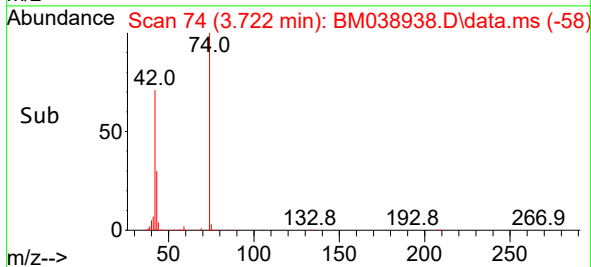
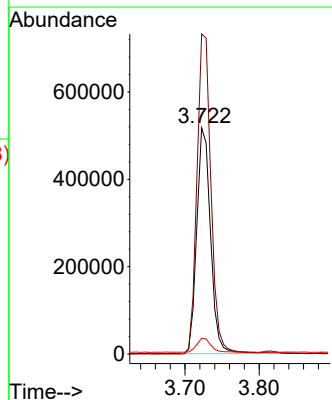
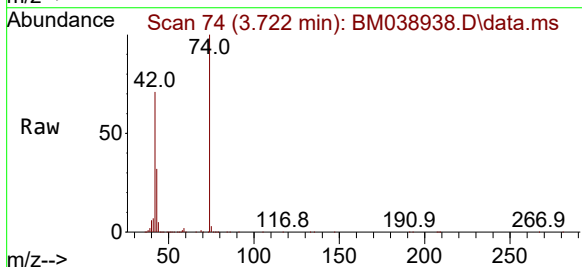
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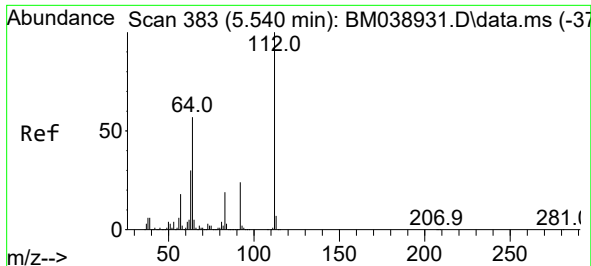
Tgt Ion: 79 Resp: 1505803
Ion Ratio Lower Upper
79 100
52 64.1 51.4 77.2
51 32.2 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 48.862 ng
RT: 3.722 min Scan# 74
Delta R.T. -0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion: 42 Resp: 670342
Ion Ratio Lower Upper
42 100
74 141.6 113.8 170.8
44 6.9 6.2 9.2

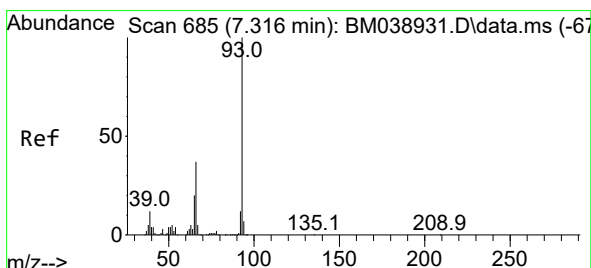
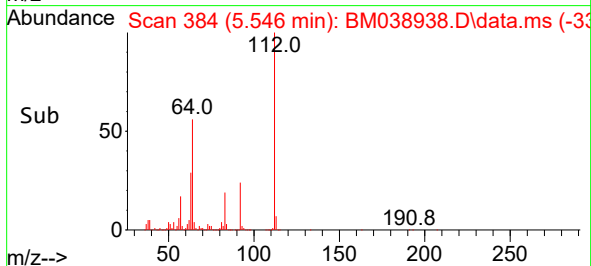
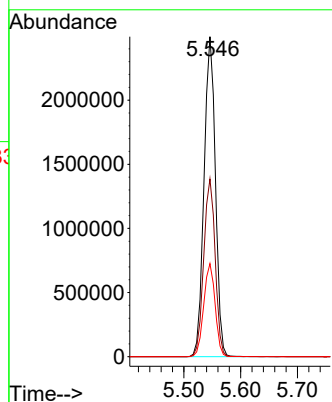
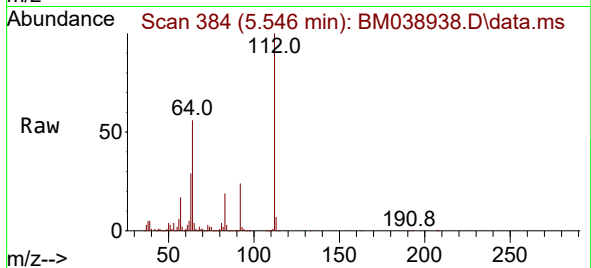




#5
2-Fluorophenol
Concen: 126.659 ng
RT: 5.546 min Scan# 383
Delta R.T. 0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

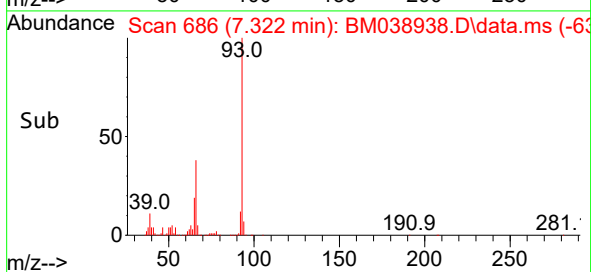
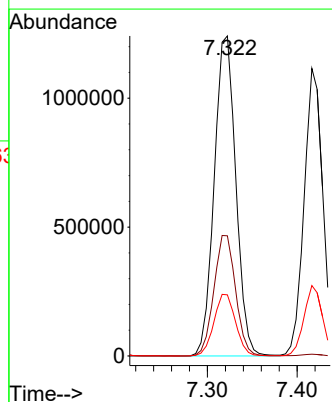
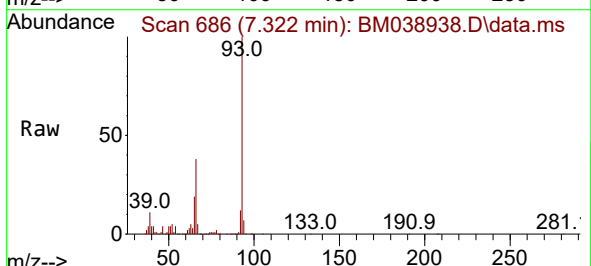
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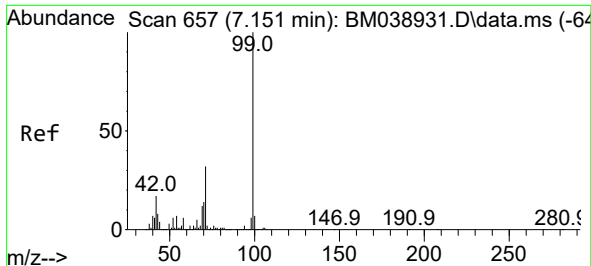
Tgt Ion:112 Resp: 3460938
Ion Ratio Lower Upper
112 100
64 55.6 45.9 68.9
63 29.1 23.8 35.8



#6
Aniline
Concen: 44.560 ng
RT: 7.322 min Scan# 686
Delta R.T. 0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion: 93 Resp: 2076563
Ion Ratio Lower Upper
93 100
66 37.6 30.0 45.0
65 19.1 15.8 23.6

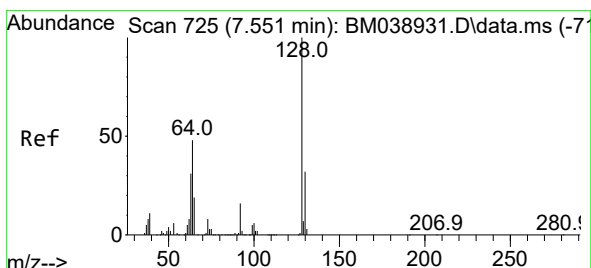
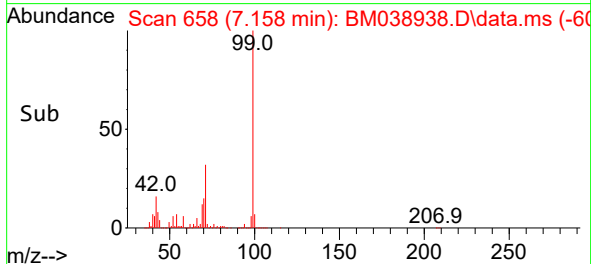
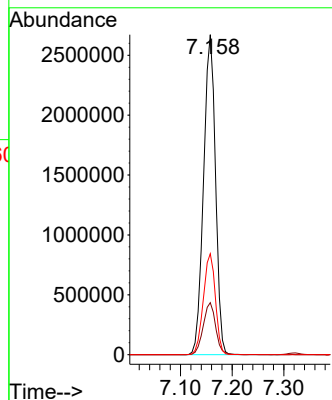
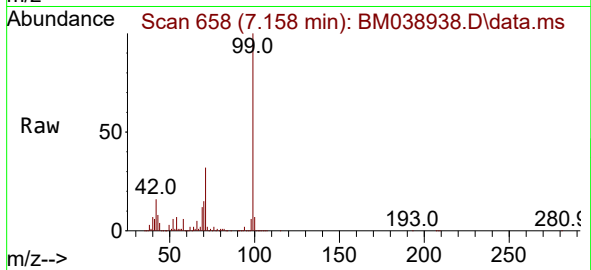




#7
Phenol-d6
Concen: 120.684 ng
RT: 7.158 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM038938.D
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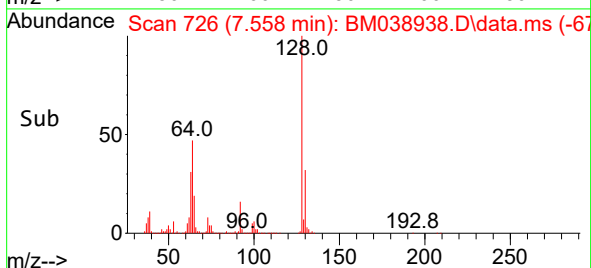
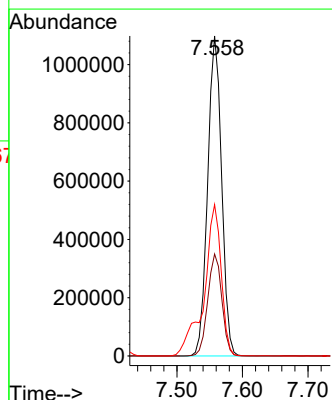
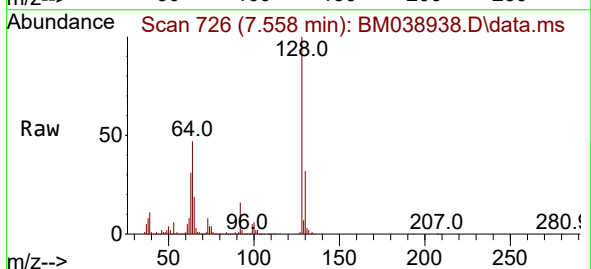
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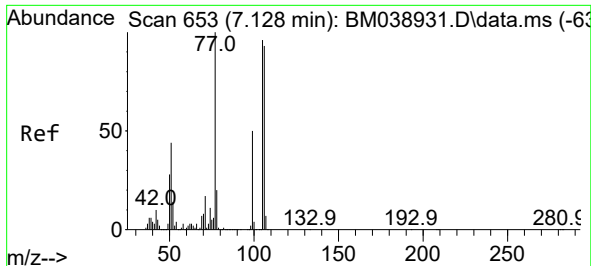
Tgt Ion: 99 Resp: 4283358
Ion Ratio Lower Upper
99 100
42 16.3 13.5 20.3
71 31.5 25.6 38.4



#8
2-Chlorophenol
Concen: 55.888 ng
RT: 7.558 min Scan# 726
Delta R.T. 0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion: 128 Resp: 1625827
Ion Ratio Lower Upper
128 100
130 31.9 11.9 51.9
64 47.3 28.6 68.6

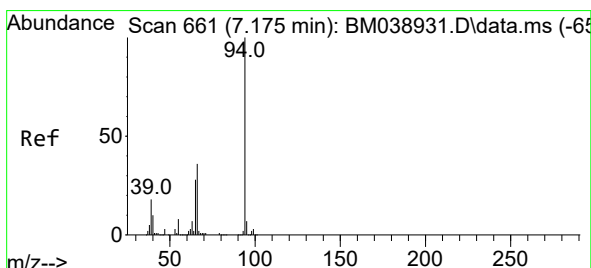
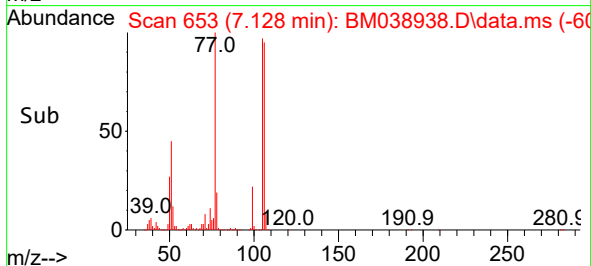
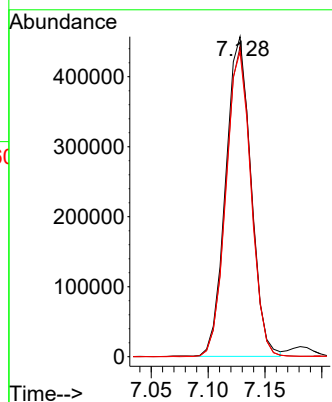
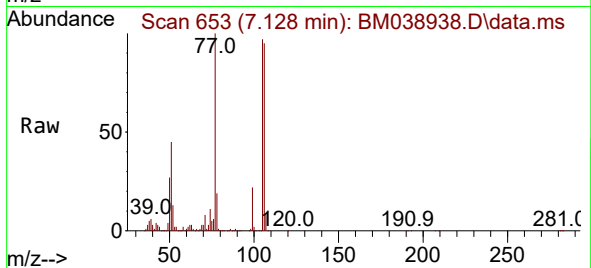




#9
Benzaldehyde
Concen: 41.756 ng
RT: 7.128 min Scan# 61
Delta R.T. 0.000 min
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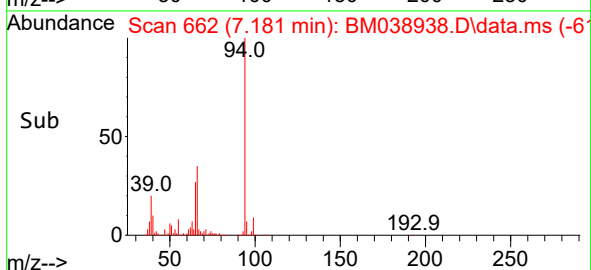
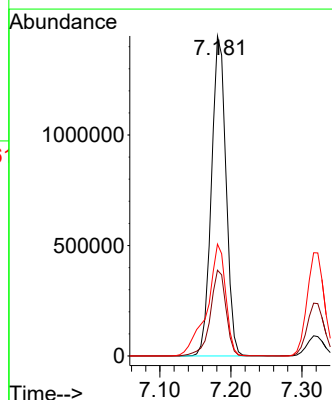
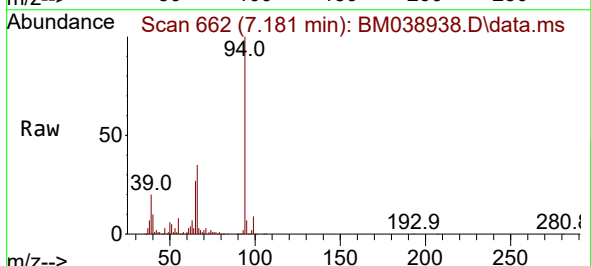
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Tgt Ion: 77 Resp: 705227
Ion Ratio Lower Upper
77 100
105 96.8 75.8 115.8
106 95.2 72.6 112.6



#10
Phenol
Concen: 54.846 ng
RT: 7.181 min Scan# 662
Delta R.T. 0.006 min
Lab File: BM038938.D
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Tgt Ion: 94 Resp: 2067183
Ion Ratio Lower Upper
94 100
65 26.8 7.9 47.9
66 34.9 15.8 55.8

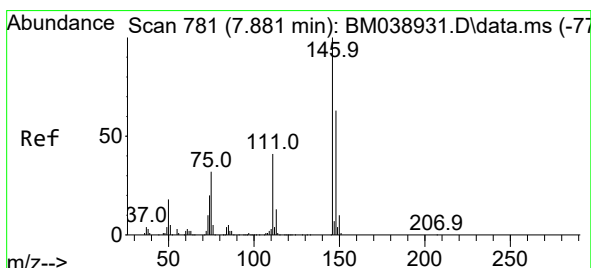
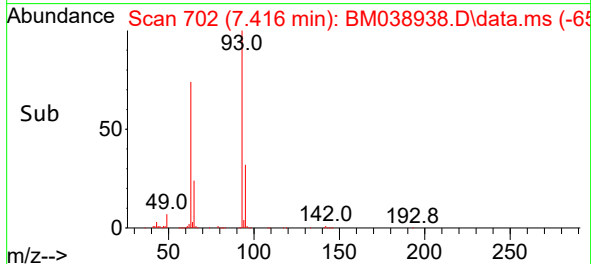
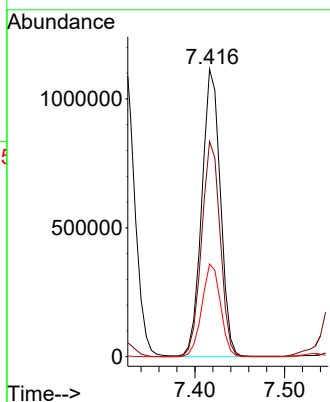
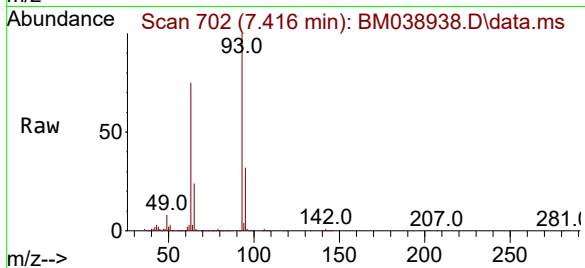




#11
bis(2-Chloroethyl)ether
Concen: 52.416 ng
RT: 7.416 min Scan# 702
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

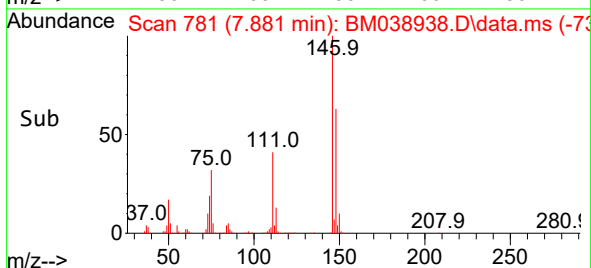
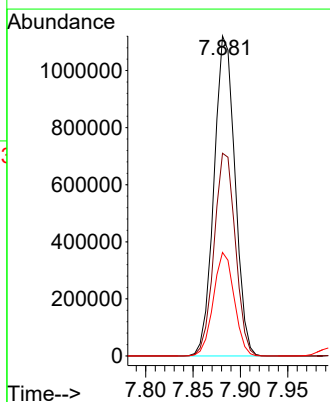
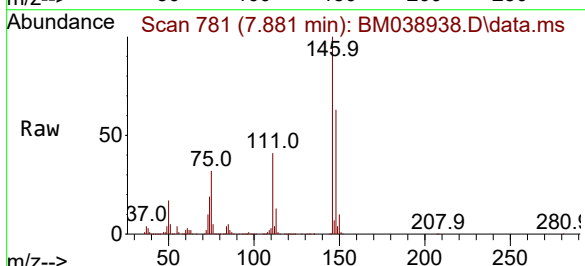
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

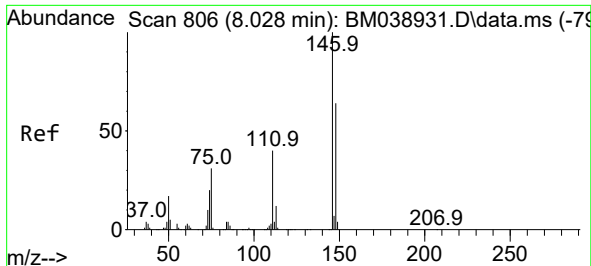
Tgt Ion: 93 Resp: 1606212
Ion Ratio Lower Upper
93 100
63 74.8 55.8 95.8
95 32.2 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 55.997 ng
RT: 7.881 min Scan# 781
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion: 146 Resp: 1731153
Ion Ratio Lower Upper
146 100
148 63.3 50.6 75.8
75 32.3 26.0 39.0

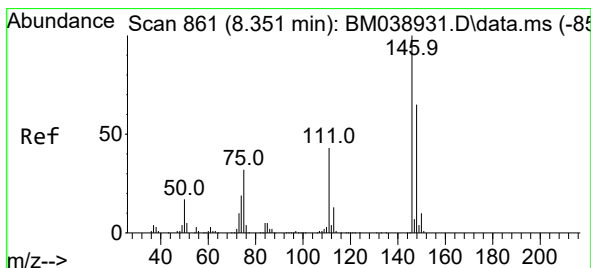
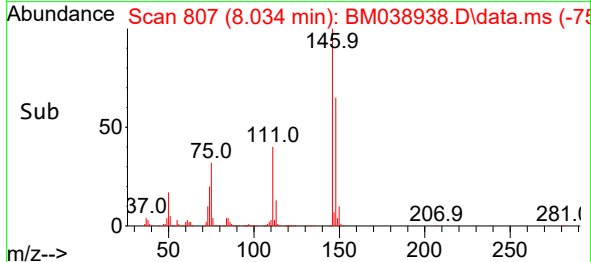
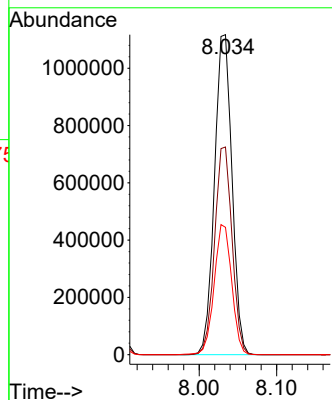
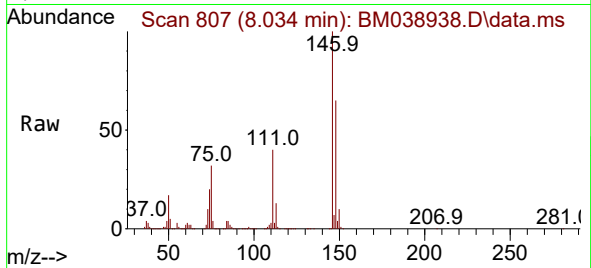




#13
1,4-Dichlorobenzene
Concen: 55.691 ng
RT: 8.034 min Scan# 806
Delta R.T. 0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

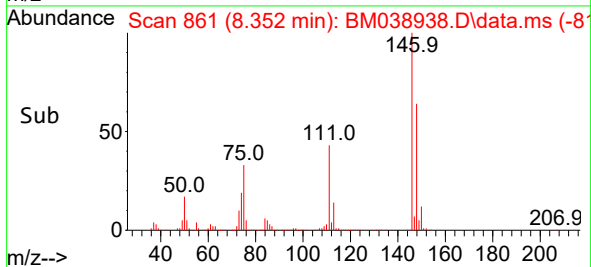
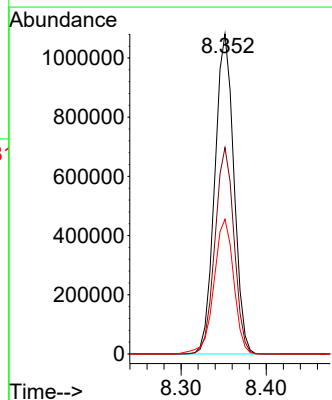
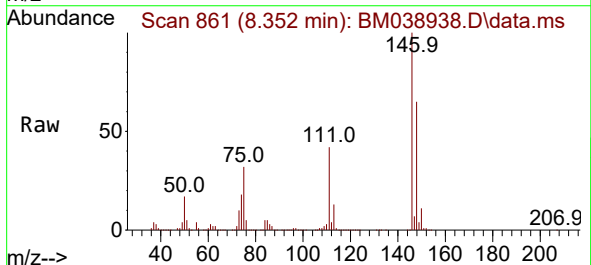
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

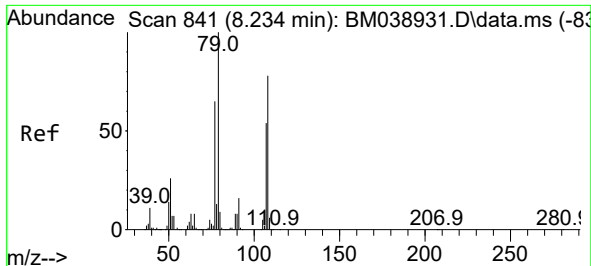
Tgt Ion:146 Resp: 1751033
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.4
111 39.8 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 55.445 ng
RT: 8.352 min Scan# 861
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:146 Resp: 1679249
Ion Ratio Lower Upper
146 100
148 64.5 51.7 77.5
111 42.1 34.2 51.4

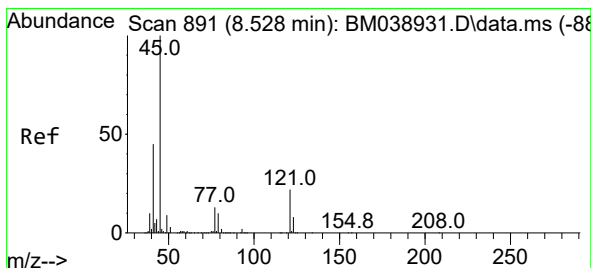
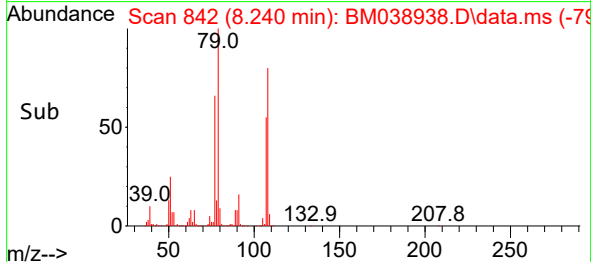
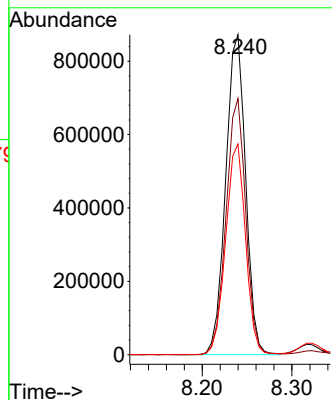
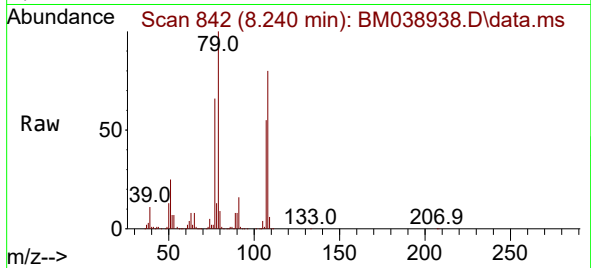




#15
Benzyl Alcohol
Concen: 52.911 ng
RT: 8.240 min Scan# 841
Delta R.T. 0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

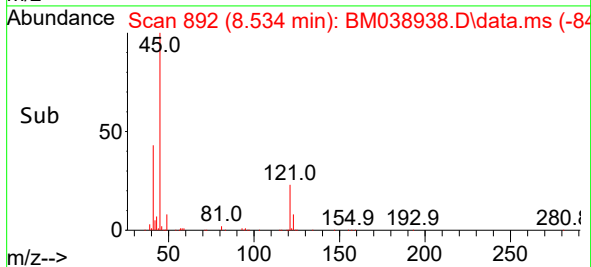
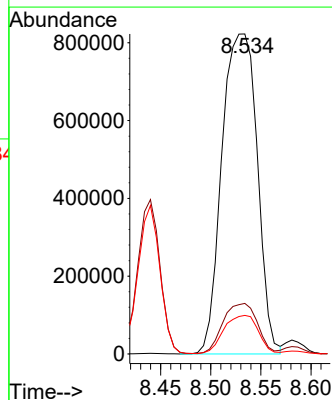
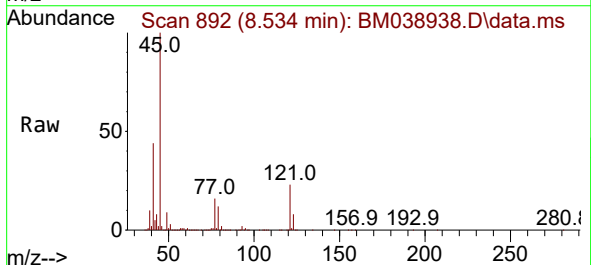
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

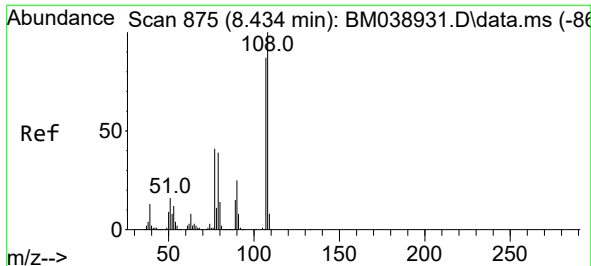
Tgt Ion: 79 Resp: 1346028
Ion Ratio Lower Upper
79 100
108 80.0 62.4 93.6
77 65.9 52.2 78.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 52.172 ng
RT: 8.534 min Scan# 892
Delta R.T. 0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion: 45 Resp: 2019087
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.8
79 12.0 0.0 31.5



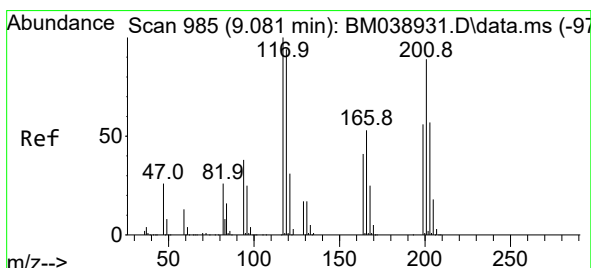
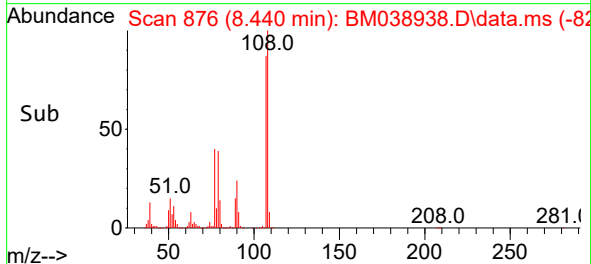
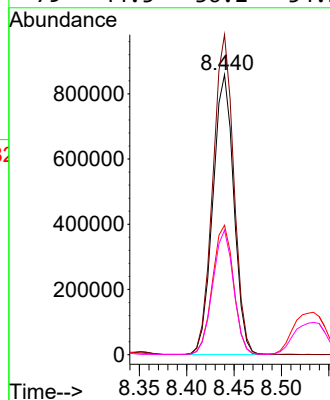
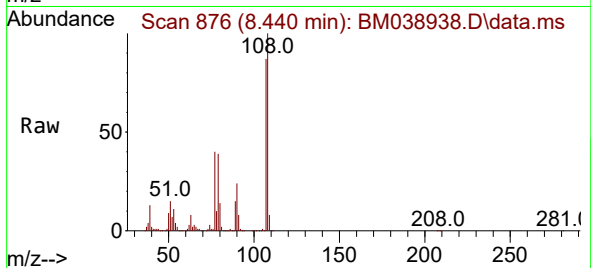


#17
2-Methylphenol
Concen: 51.006 ng
RT: 8.440 min Scan# 875
Delta R.T. 0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Instrument :
BNA_M
ClientSampleId :
PB150937BSD

Tgt Ion:107 Resp: 1320619

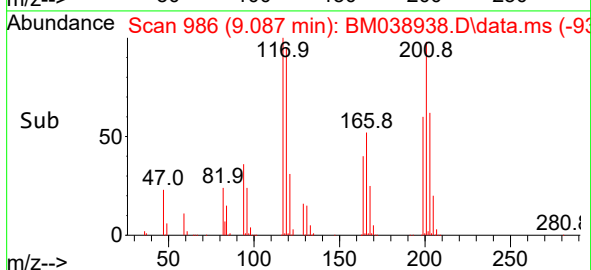
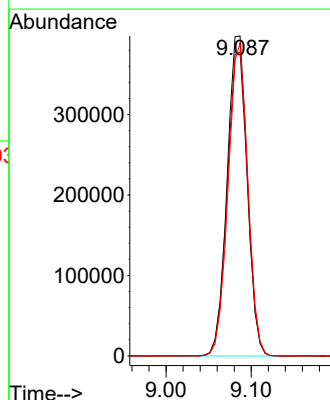
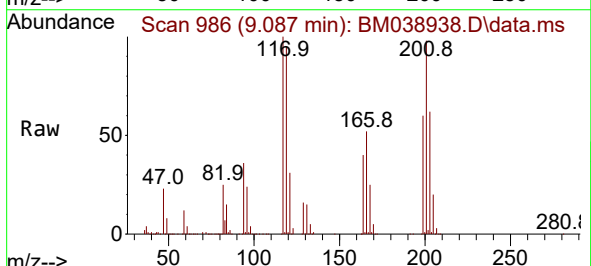
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.7	137.5
77	46.2	37.4	56.2
79	44.5	36.2	54.2

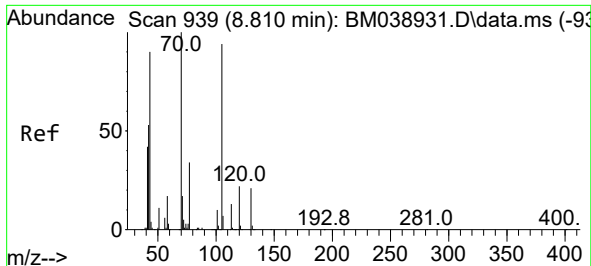


#18
Hexachloroethane
Concen: 56.521 ng
RT: 9.087 min Scan# 986
Delta R.T. 0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:117 Resp: 655685

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.4	113.0
201	97.8	71.3	106.9

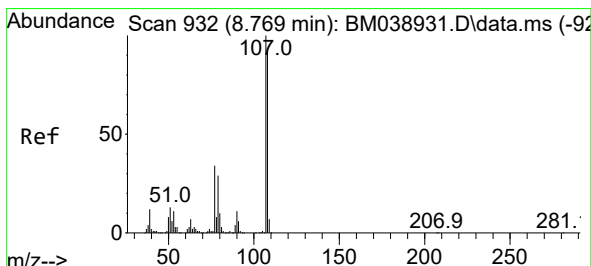
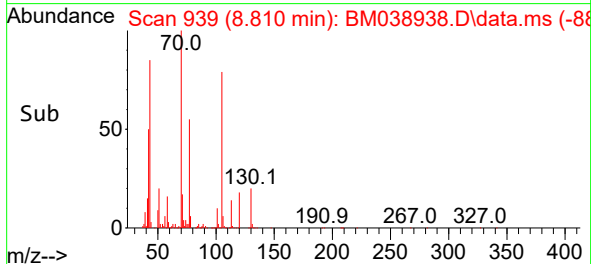
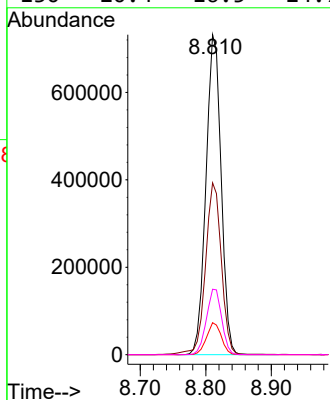
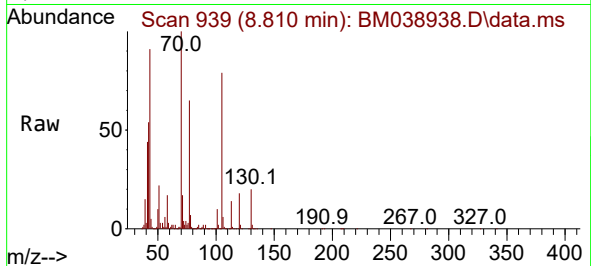




#19
n-Nitroso-di-n-propylamine
Concen: 52.704 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

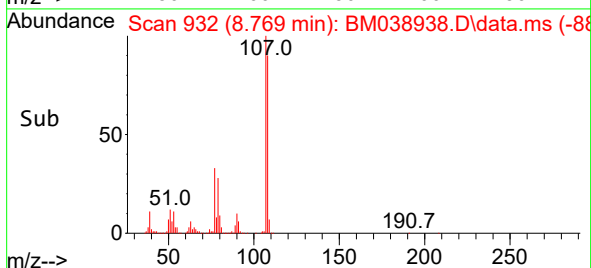
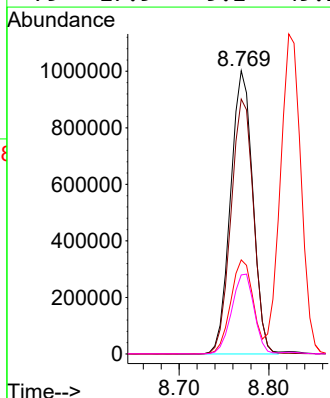
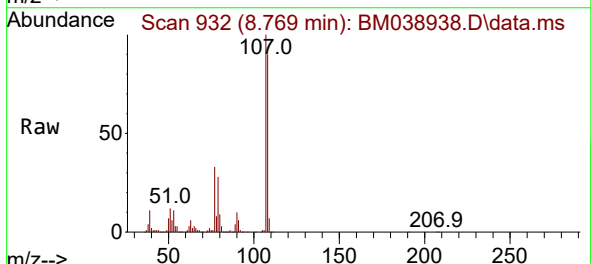
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

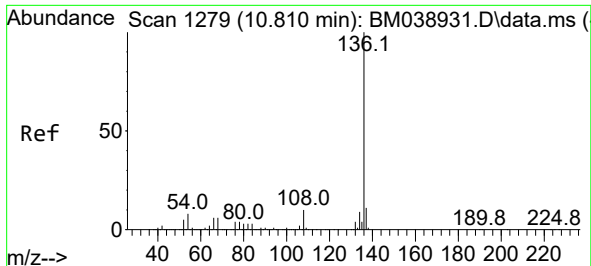
Tgt Ion: 70 Resp: 1178224
Ion Ratio Lower Upper
70 100
42 53.7 43.4 65.2
101 10.0 7.6 11.4
130 20.4 16.5 24.7



#20
3+4-Methylphenols
Concen: 49.871 ng
RT: 8.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion: 107 Resp: 1724085
Ion Ratio Lower Upper
107 100
108 90.0 71.8 111.8
77 33.2 13.6 53.6
79 27.9 9.2 49.2

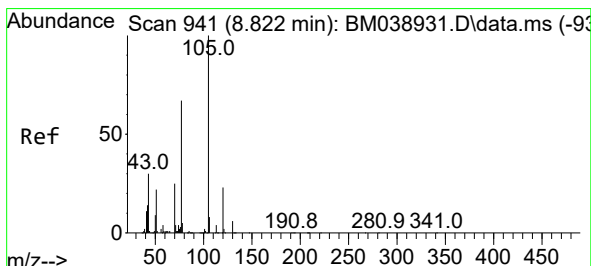
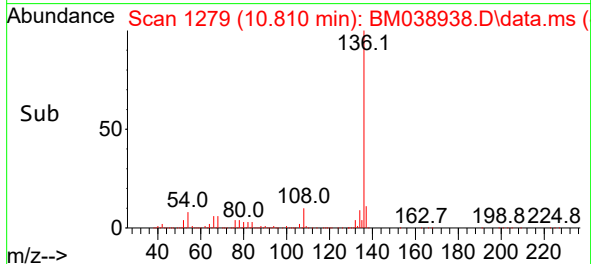
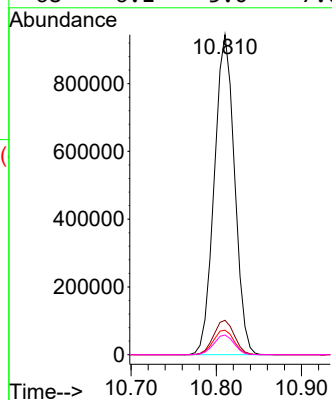
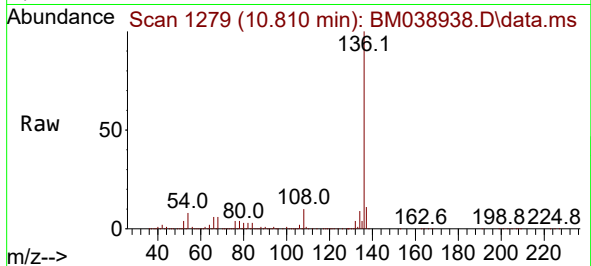




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

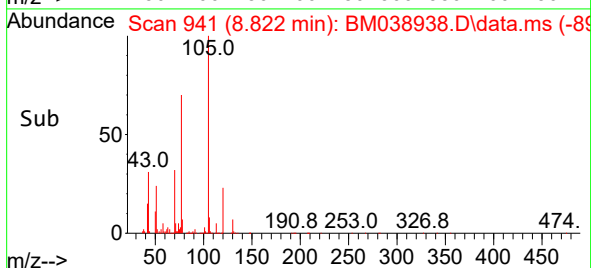
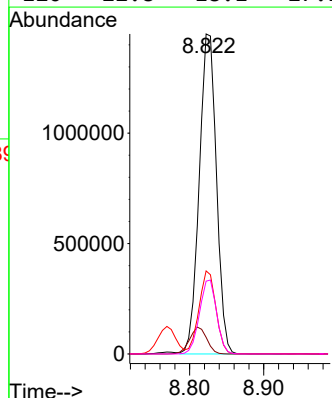
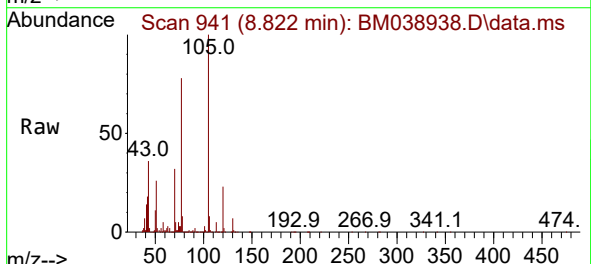
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

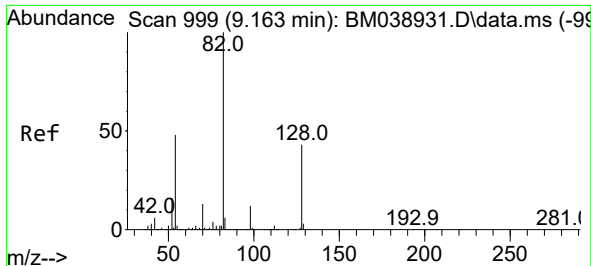
Tgt Ion:136 Resp: 1559035
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.7 6.3 9.5
68 6.1 5.0 7.6



#22
Acetophenone
Concen: 53.364 ng
RT: 8.822 min Scan# 941
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:105 Resp: 2334195
Ion Ratio Lower Upper
105 100
71 5.2 3.4 5.0#
51 26.0 21.0 31.4
120 22.8 18.1 27.1





#23

Nitrobenzene-d5

Concen: 78.615 ng

RT: 9.163 min Scan# 999

Delta R.T. 0.000 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

Instrument :

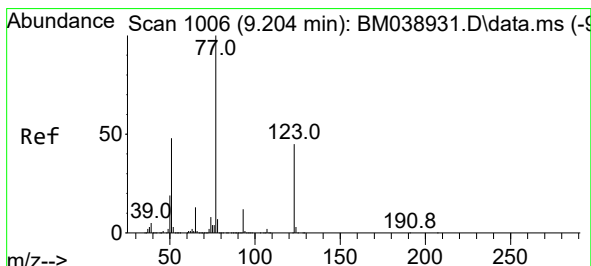
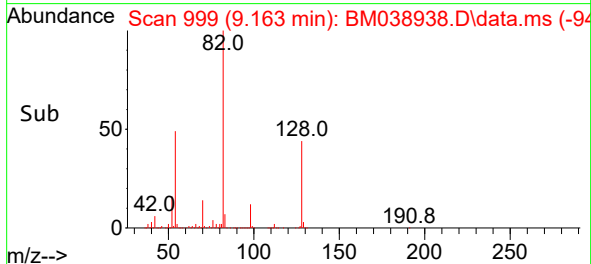
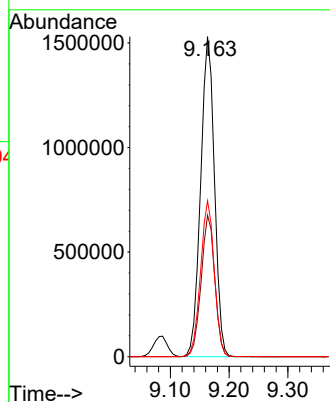
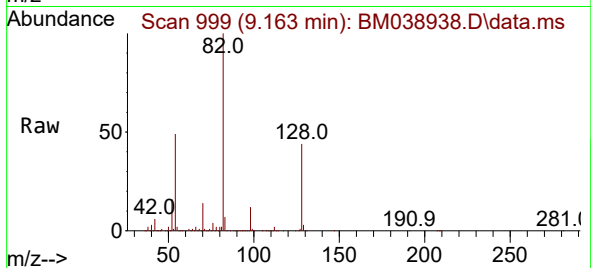
BNA_M

ClientSampleId :

PB150937BSD

Tgt Ion: 82 Resp: 2495147

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.4	51.6
54	48.7	38.8	58.2



#24

Nitrobenzene

Concen: 52.558 ng

RT: 9.204 min Scan# 1006

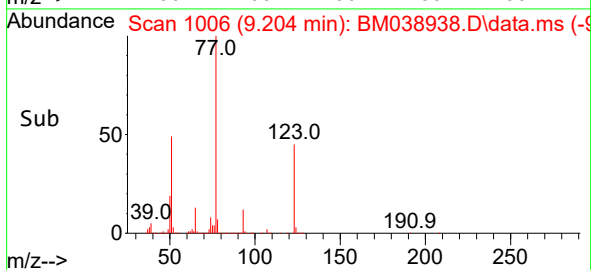
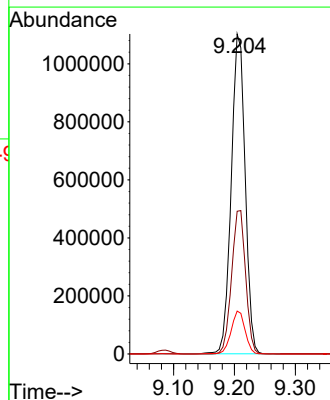
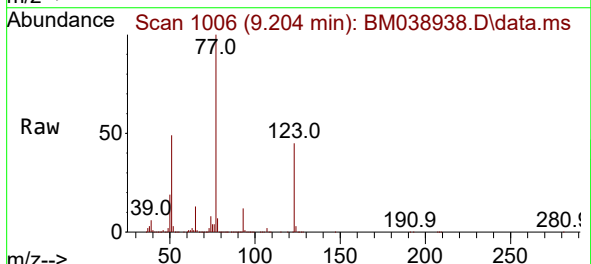
Delta R.T. 0.000 min

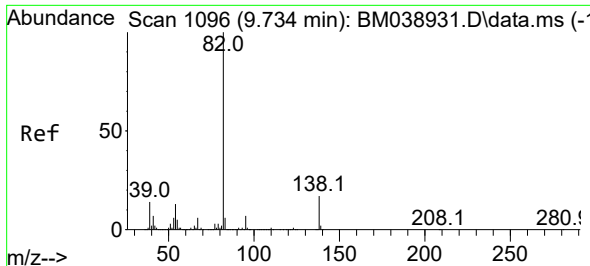
Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

Tgt Ion: 77 Resp: 1753289

Ion	Ratio	Lower	Upper
77	100		
123	44.6	35.8	53.6
65	13.4	10.2	15.4

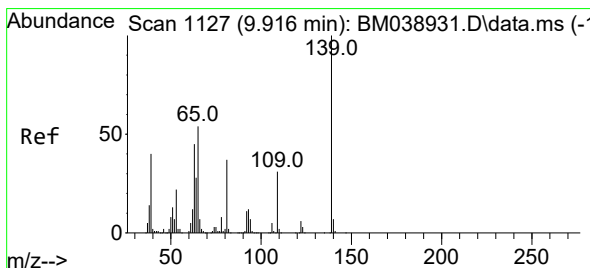
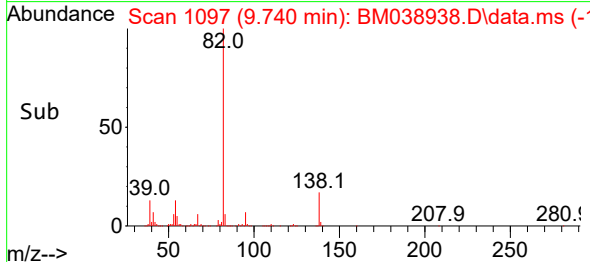
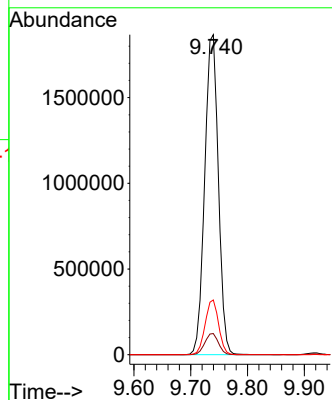
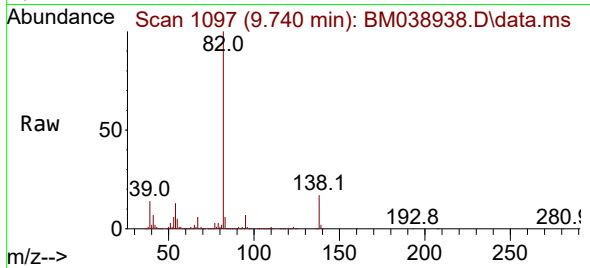




#25
Isophorone
Concen: 53.173 ng
RT: 9.740 min Scan# 1096
Delta R.T. 0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

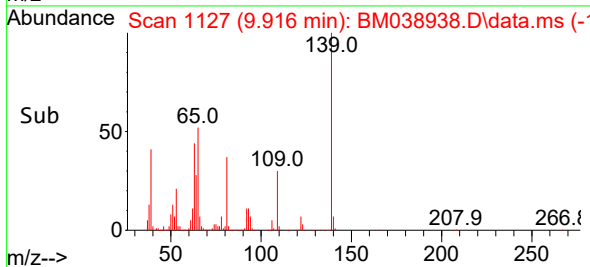
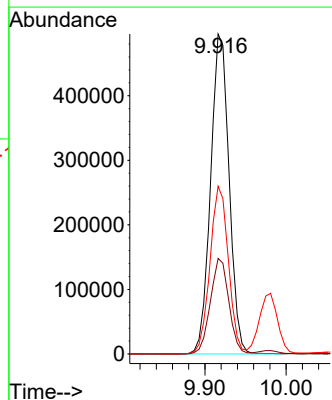
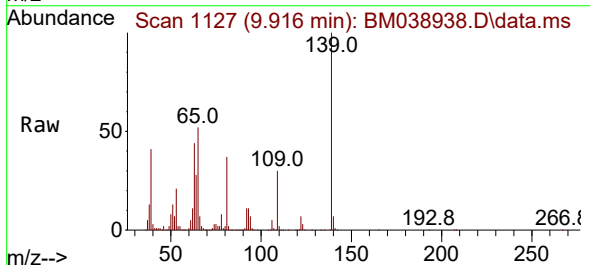
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

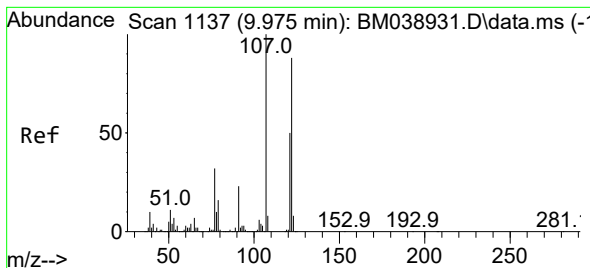
Tgt Ion: 82 Resp: 3105647
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 17.1 13.6 20.4



#26
2-Nitrophenol
Concen: 52.867 ng
RT: 9.916 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion: 139 Resp: 783487
Ion Ratio Lower Upper
139 100
109 29.9 24.5 36.7
65 52.4 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 56.762 ng

RT: 9.981 min Scan# 1138

Delta R.T. 0.006 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

Instrument :

BNA_M

ClientSampleId :

PB150937BSD

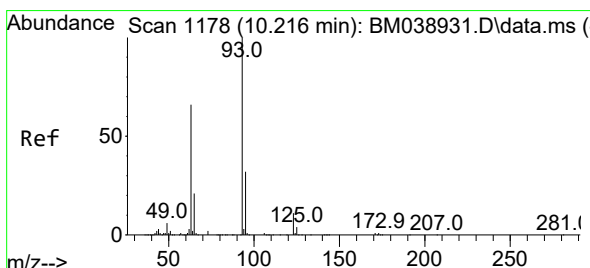
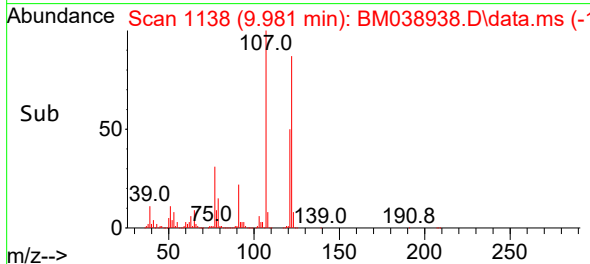
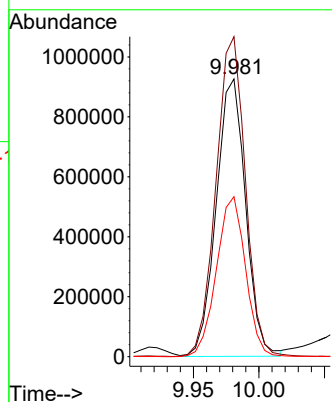
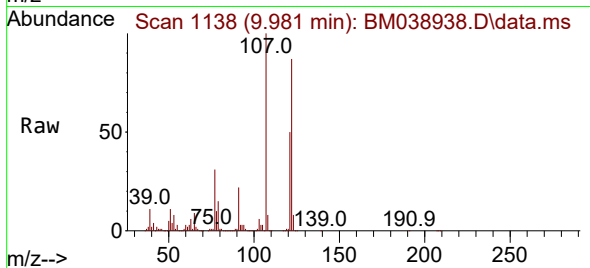
Tgt Ion:122 Resp: 1444537

Ion Ratio Lower Upper

122 100

107 115.2 91.0 136.4

121 57.6 45.1 67.7



#28

bis(2-Chloroethoxy)methane

Concen: 54.224 ng

RT: 10.222 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

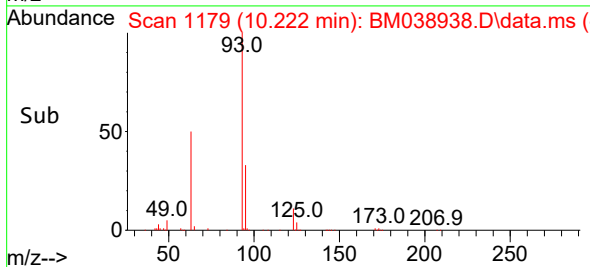
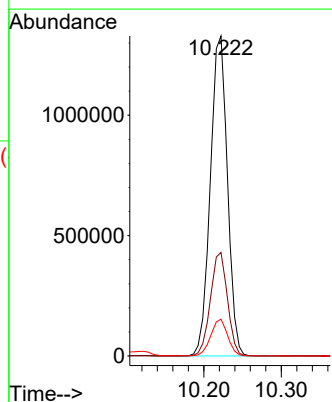
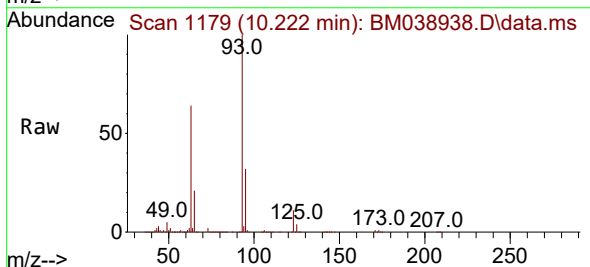
Tgt Ion: 93 Resp: 2034894

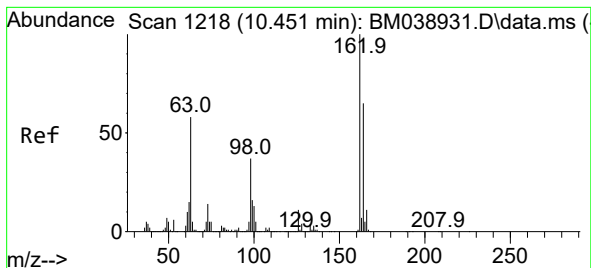
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 11.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 56.664 ng

RT: 10.451 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

Instrument :

BNA_M

ClientSampleId :

PB150937BSD

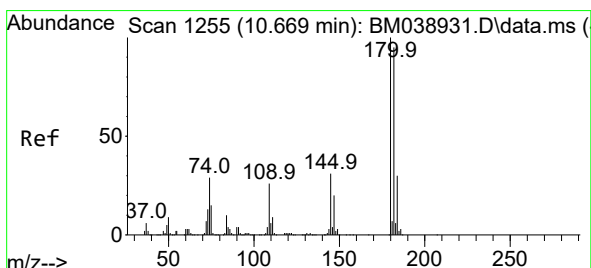
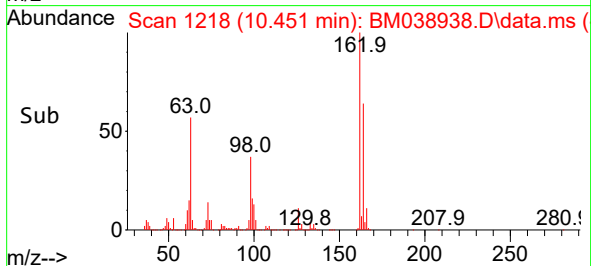
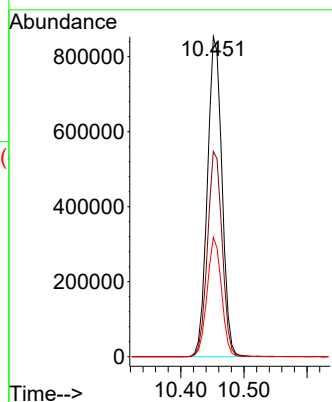
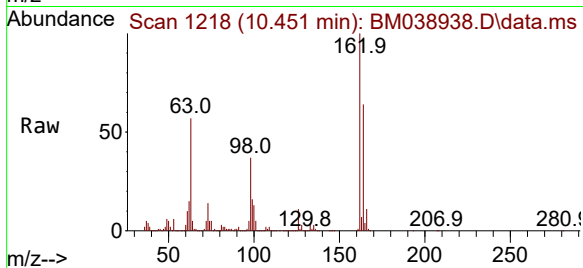
Tgt Ion:162 Resp: 1367164

Ion Ratio Lower Upper

162 100

164 64.1 44.6 84.6

98 37.3 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 55.719 ng

RT: 10.669 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

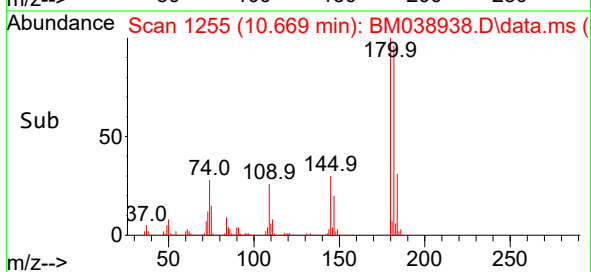
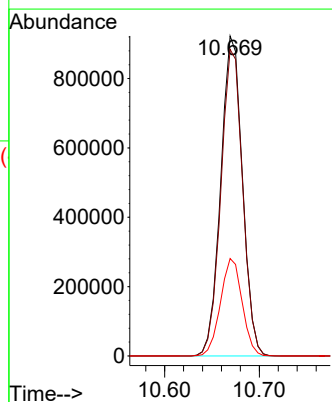
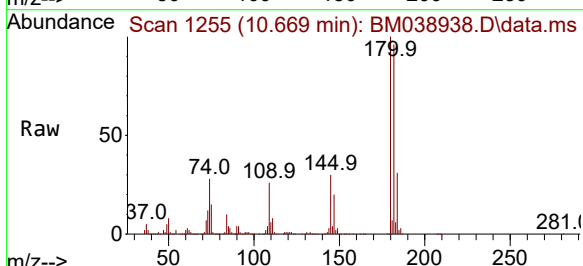
Tgt Ion:180 Resp: 1469073

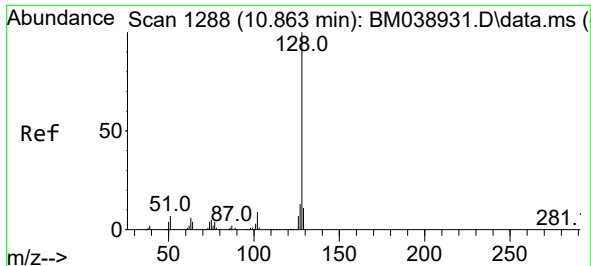
Ion Ratio Lower Upper

180 100

182 95.8 76.3 114.5

145 30.4 25.0 37.4

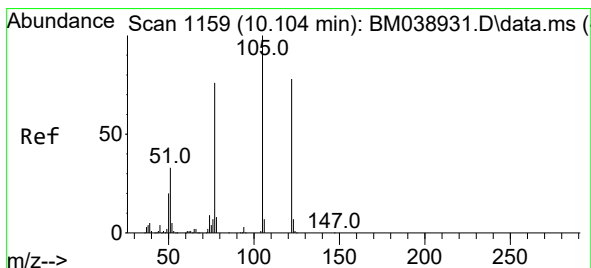
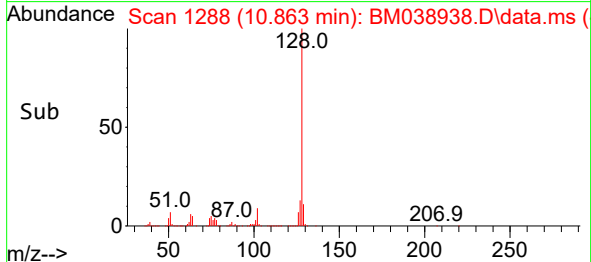
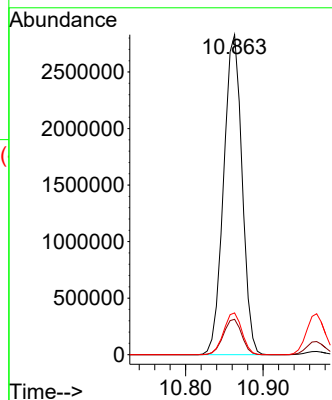
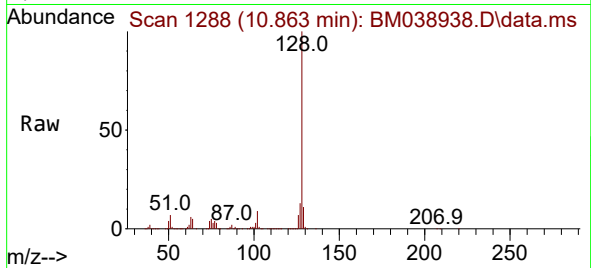




#31
Naphthalene
Concen: 52.659 ng
RT: 10.863 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

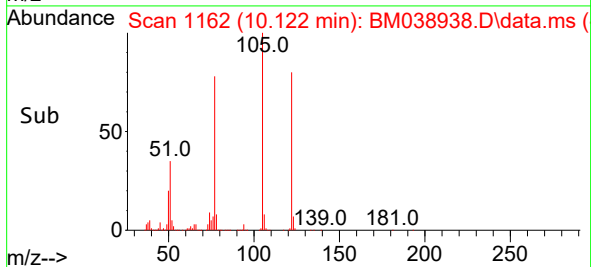
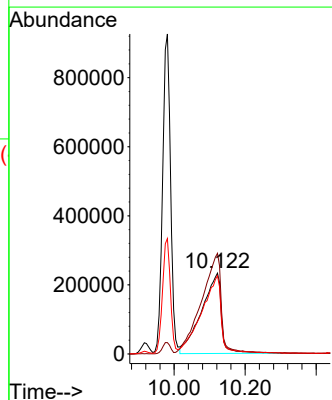
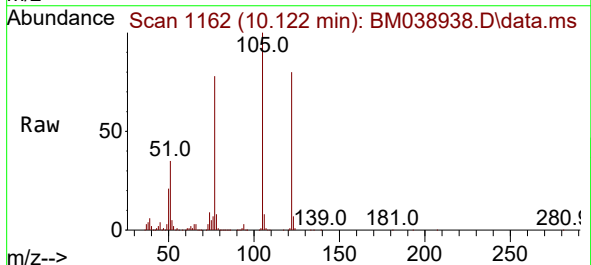
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

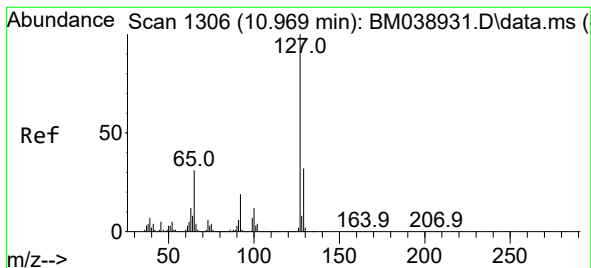
Tgt Ion:128 Resp: 4681299
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 48.666 ng
RT: 10.122 min Scan# 1162
Delta R.T. 0.018 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:122 Resp: 910376
Ion Ratio Lower Upper
122 100
105 124.6 104.2 144.2
77 96.9 75.1 115.1

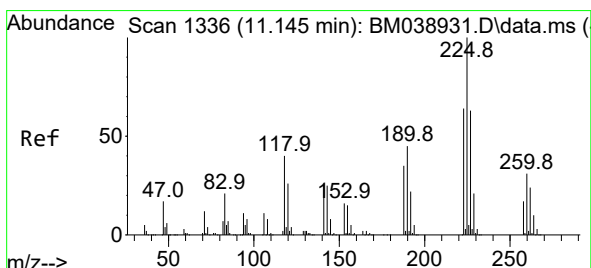
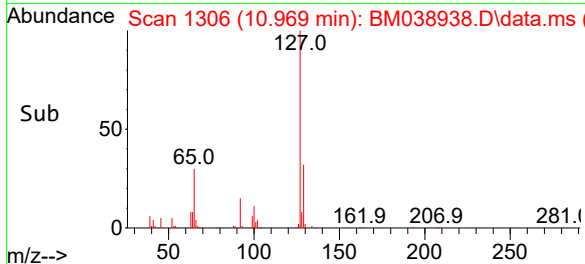
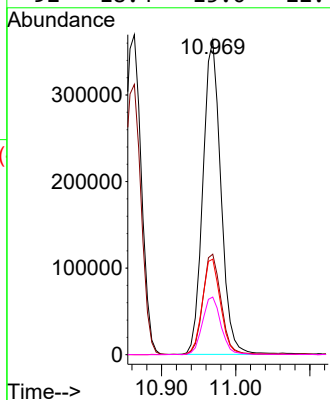
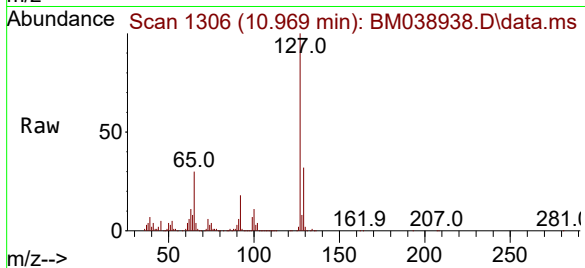




#33
4-Chloroaniline
Concen: 16.190 ng
RT: 10.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

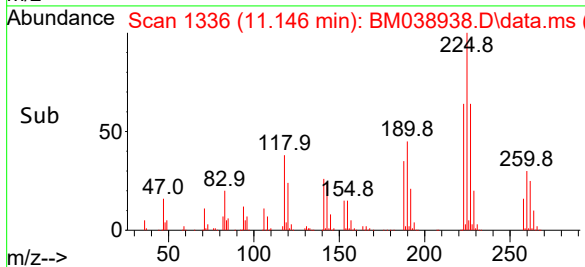
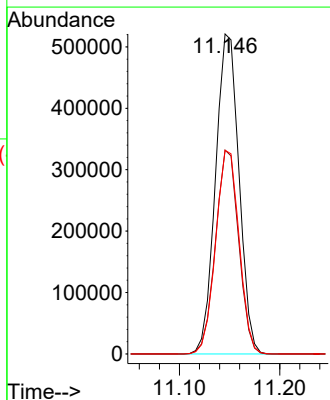
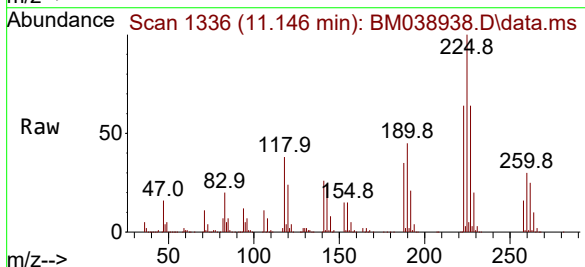
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

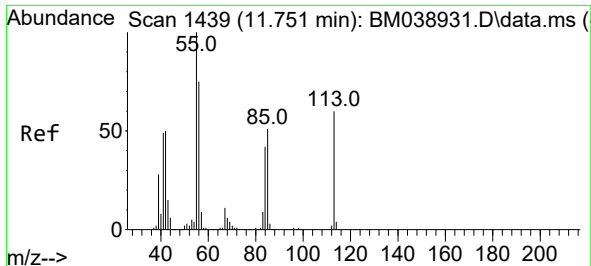
Tgt Ion:	127	Resp:	613389
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	30.4	24.4	36.6
92	18.4	15.0	22.4



#34
Hexachlorobutadiene
Concen: 55.965 ng
RT: 11.146 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:	225	Resp:	846178
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.3	76.9
227	63.7	50.6	76.0

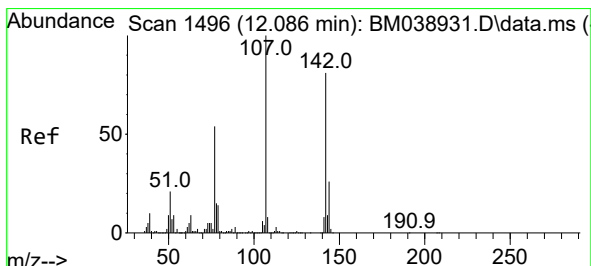
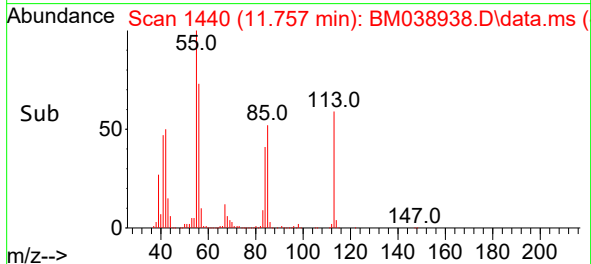
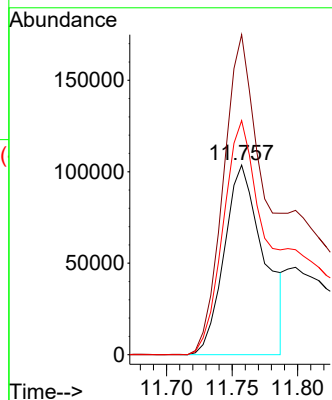
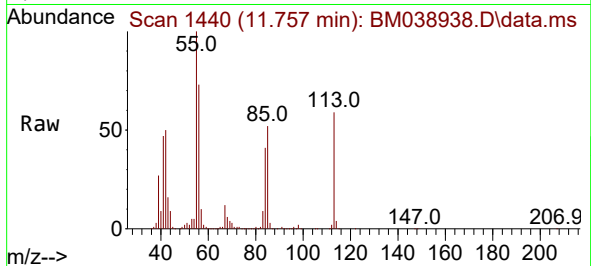




#35
Caprolactam
Concen: 29.672 ng
RT: 11.757 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

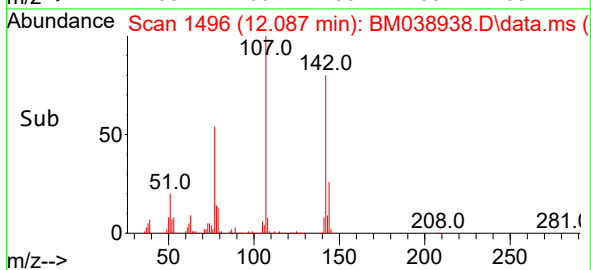
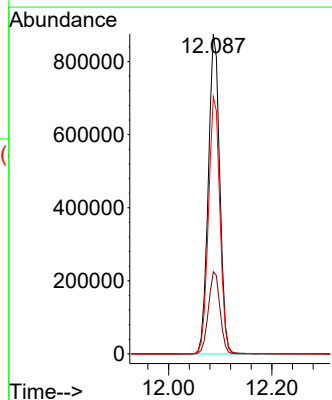
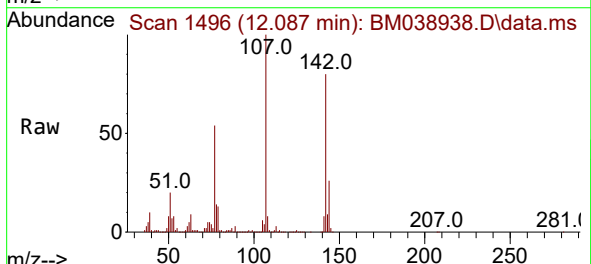
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

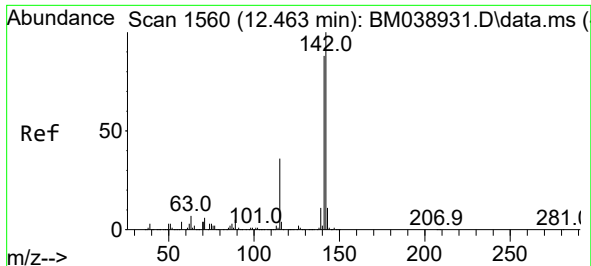
Tgt Ion:113 Resp: 217892
Ion Ratio Lower Upper
113 100
55 168.7 147.0 187.0
56 123.5 105.1 145.1



#36
4-Chloro-3-methylphenol
Concen: 52.396 ng
RT: 12.087 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:107 Resp: 1346163
Ion Ratio Lower Upper
107 100
144 25.7 20.7 31.1
142 80.4 64.6 97.0

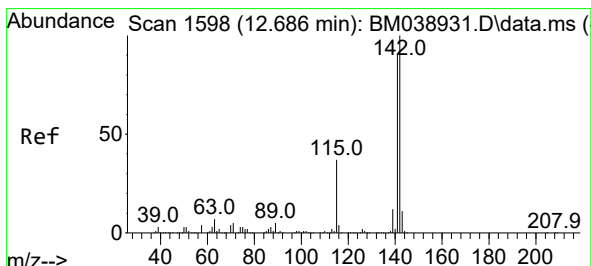
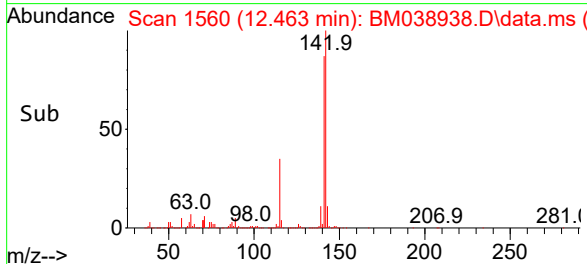
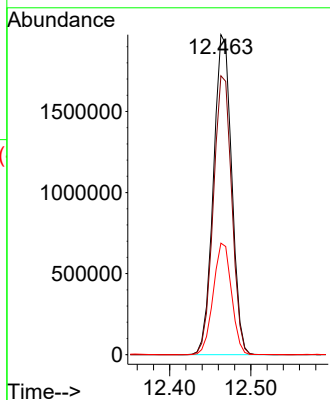
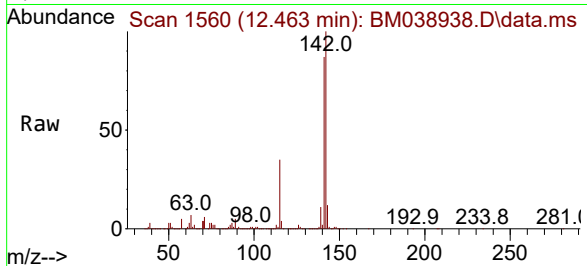




#37
2-Methylnaphthalene
Concen: 51.868 ng
RT: 12.463 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

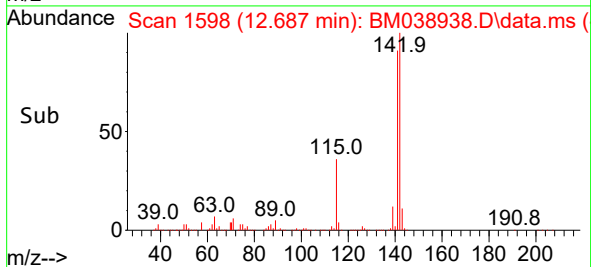
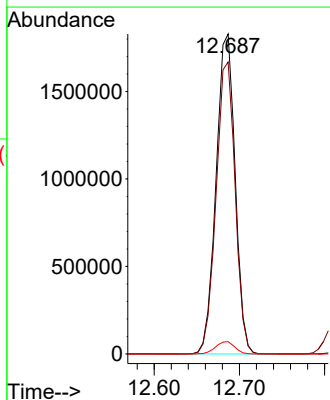
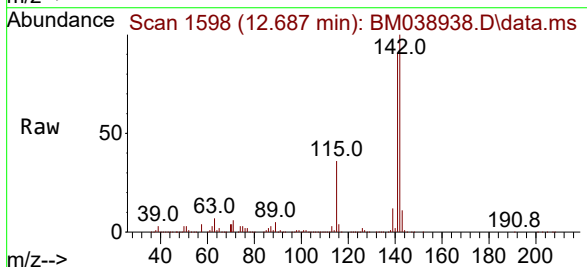
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

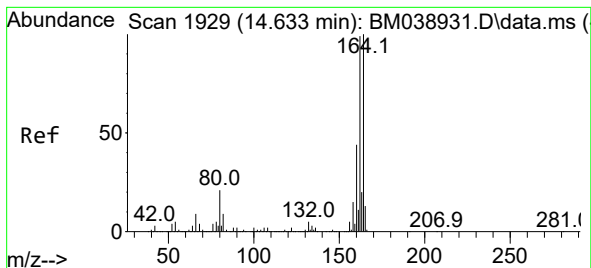
Tgt Ion:142 Resp: 3090521
Ion Ratio Lower Upper
142 100
141 87.1 70.6 106.0
115 34.9 28.5 42.7



#38
1-Methylnaphthalene
Concen: 50.814 ng
RT: 12.687 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:142 Resp: 2837416
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.634 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

Instrument :

BNA_M

ClientSampleId :

PB150937BSD

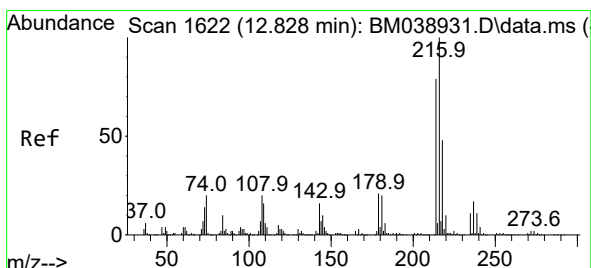
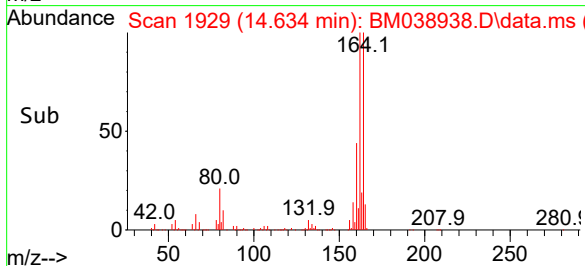
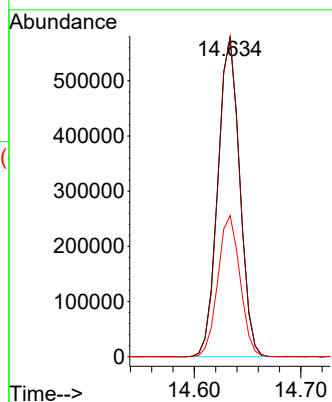
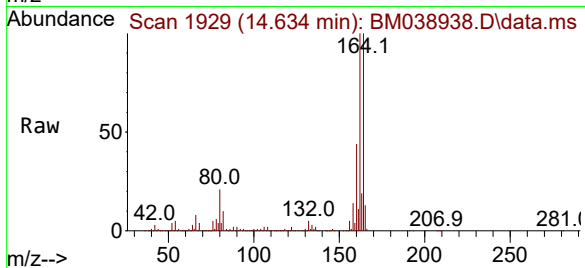
Tgt Ion:164 Resp: 823168

Ion Ratio Lower Upper

164 100

162 100.4 79.2 118.8

160 44.3 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.675 ng

RT: 12.834 min Scan# 1623

Delta R.T. 0.006 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

Tgt Ion:216 Resp: 1516656

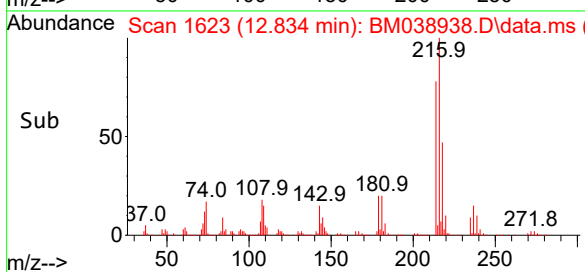
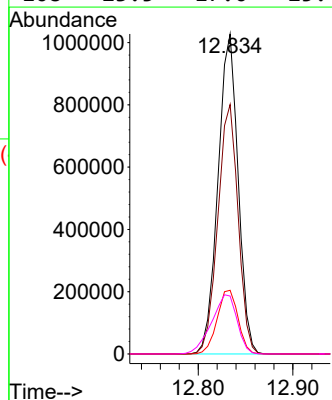
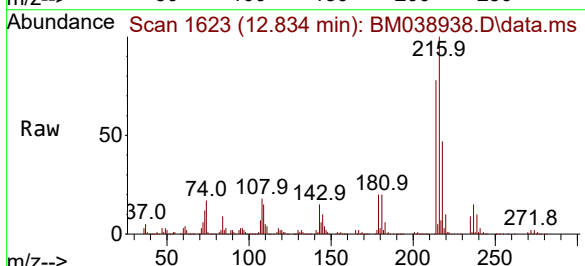
Ion Ratio Lower Upper

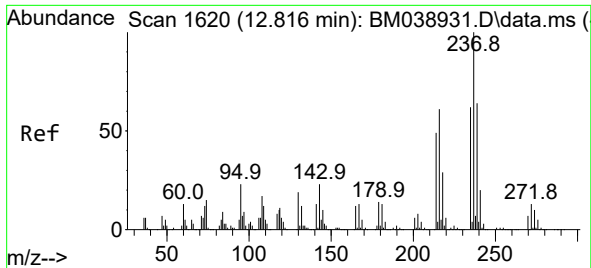
216 100

214 78.5 63.0 94.4

179 20.8 16.8 25.2

108 23.5 17.0 25.4

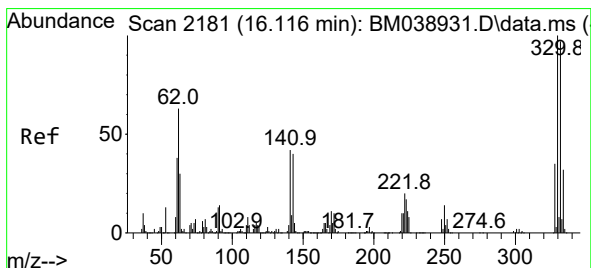
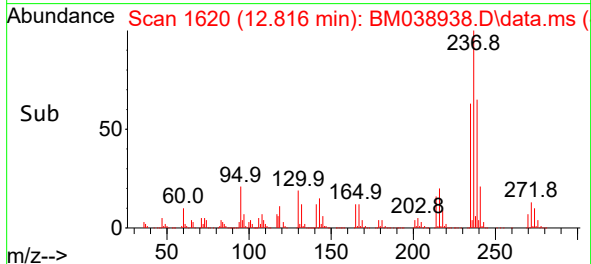
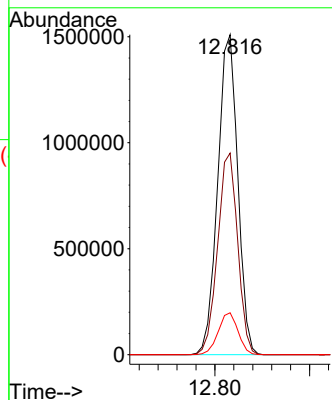
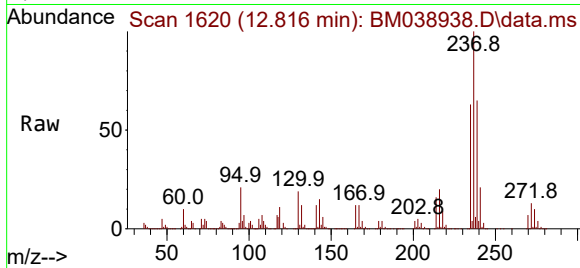




#41
Hexachlorocyclopentadiene
Concen: 150.848 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

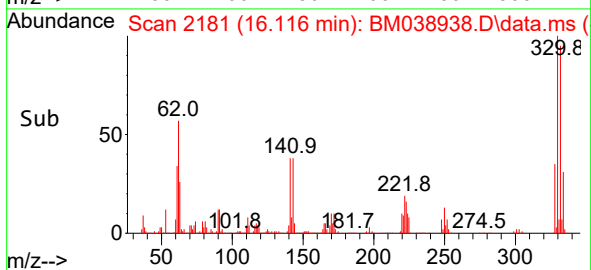
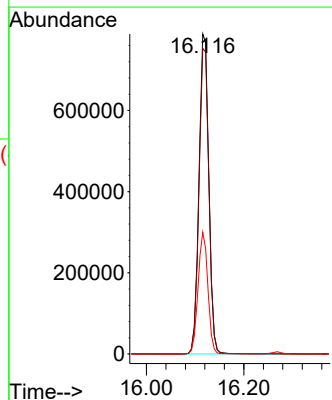
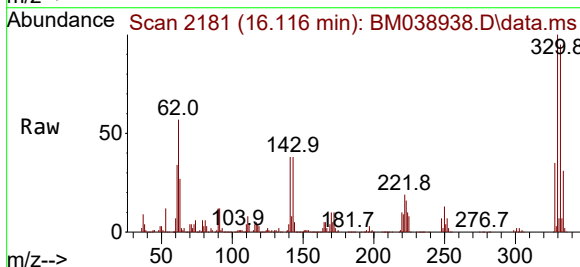
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

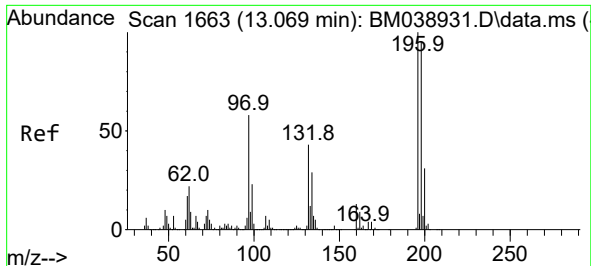
Tgt Ion:237 Resp: 2215843
Ion Ratio Lower Upper
237 100
235 63.0 41.7 81.7
272 13.1 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 116.449 ng
RT: 16.116 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:330 Resp: 1108918
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 38.0 32.2 48.4

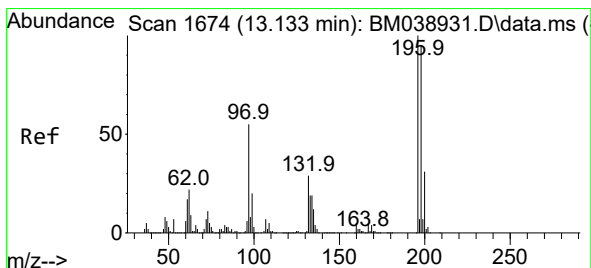
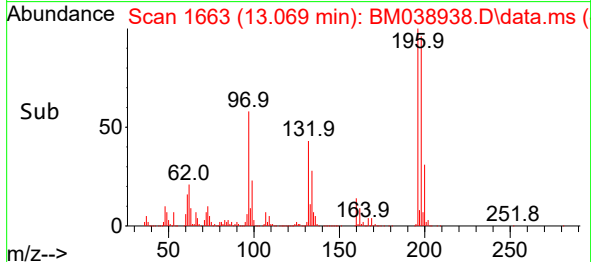
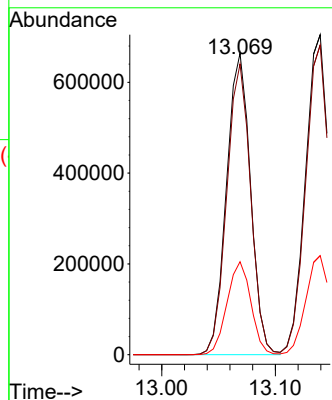
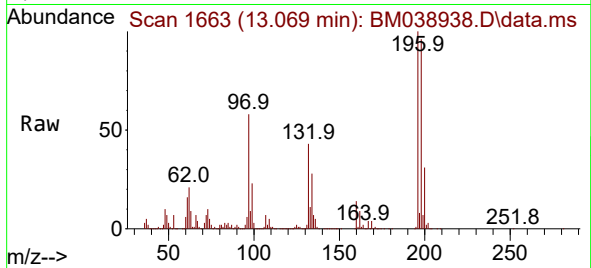




#43
2,4,6-Trichlorophenol
Concen: 56.335 ng
RT: 13.069 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

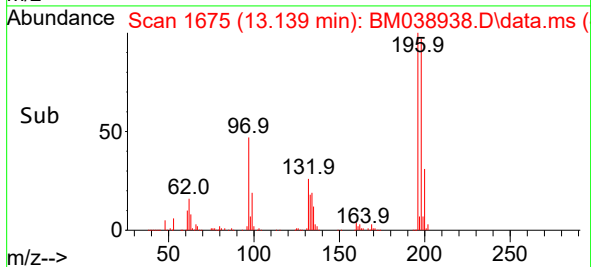
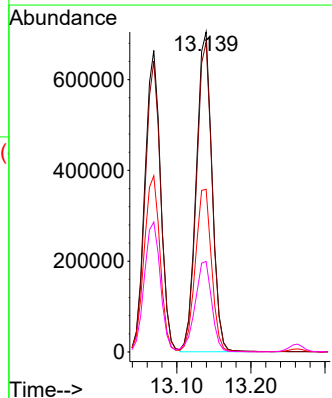
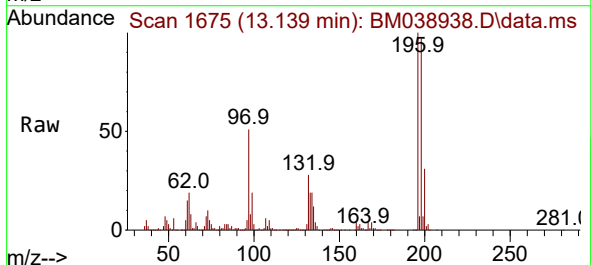
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

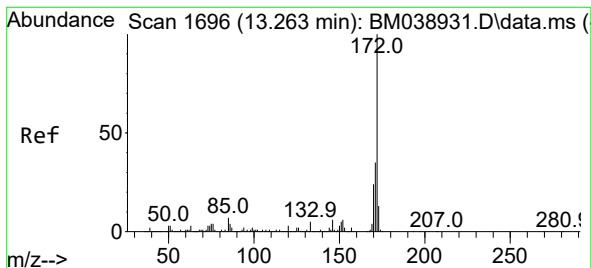
Tgt Ion:196 Resp: 976240
Ion Ratio Lower Upper
196 100
198 96.4 75.8 113.8
200 30.9 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 51.279 ng
RT: 13.139 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:196 Resp: 1040122
Ion Ratio Lower Upper
196 100
198 96.8 76.3 114.5
97 50.9 44.2 66.4
132 28.3 23.4 35.2

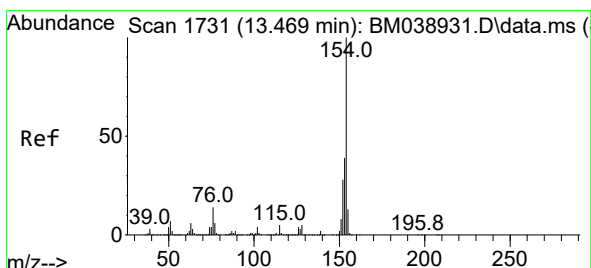
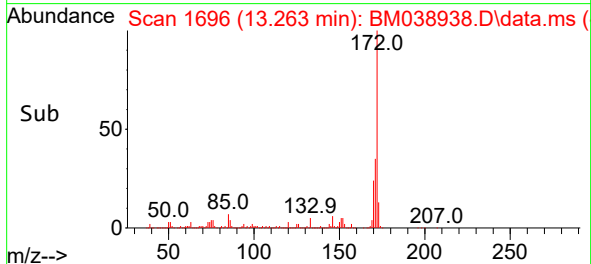
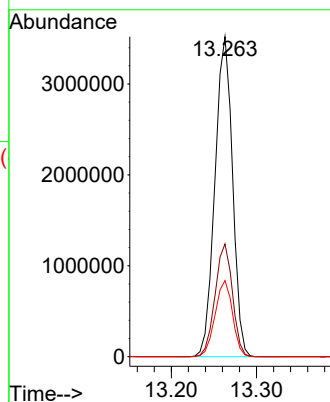
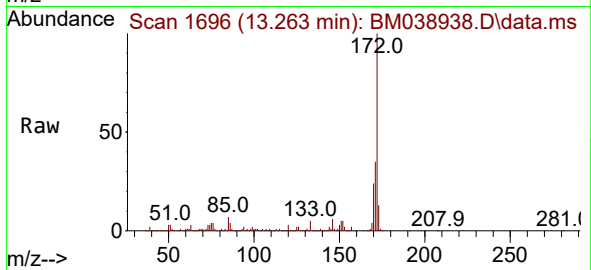




#45
2-Fluorobiphenyl
Concen: 79.794 ng
RT: 13.263 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

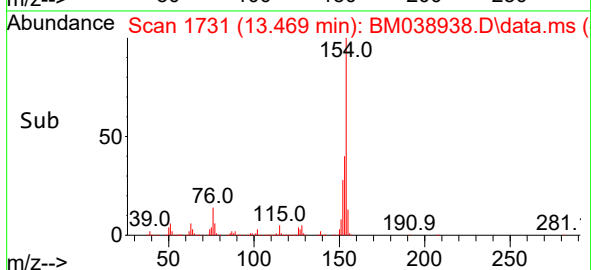
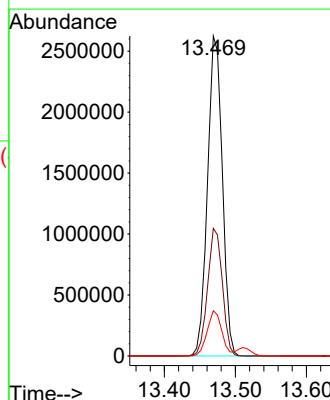
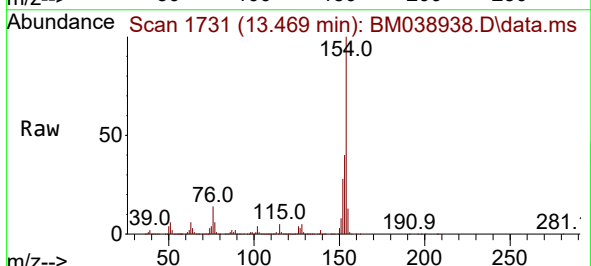
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

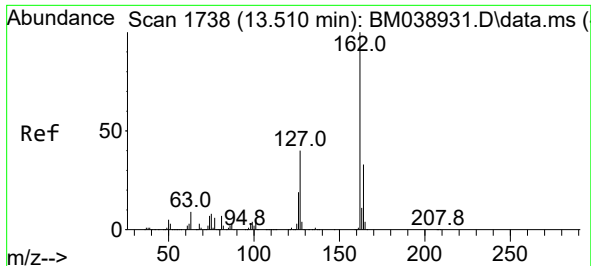
Tgt Ion:172 Resp: 5045638
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 54.571 ng
RT: 13.469 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:154 Resp: 3805623
Ion Ratio Lower Upper
154 100
153 39.9 19.3 59.3
76 14.1 0.0 34.0

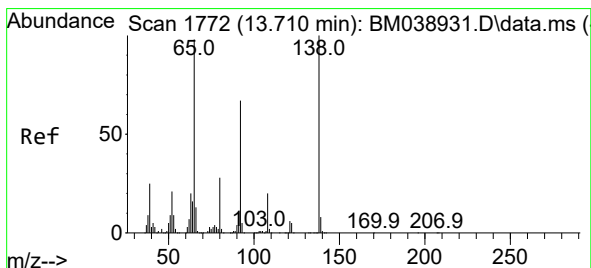
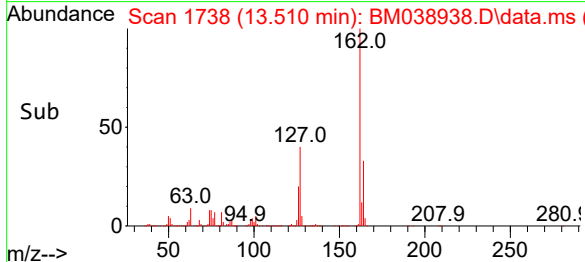
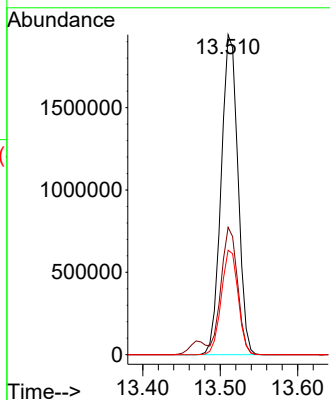
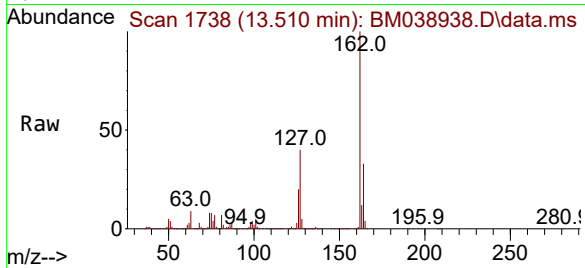




#47
2-Chloronaphthalene
Concen: 55.584 ng
RT: 13.510 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

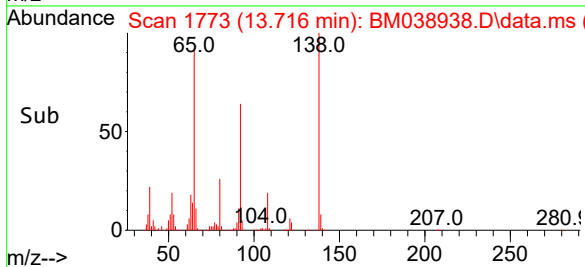
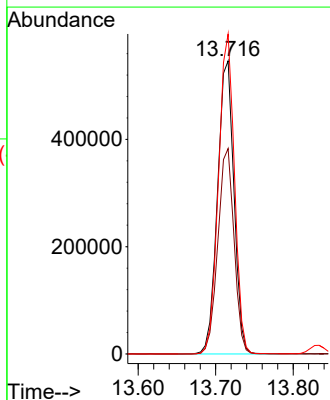
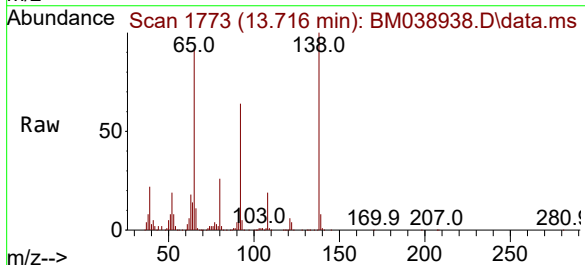
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

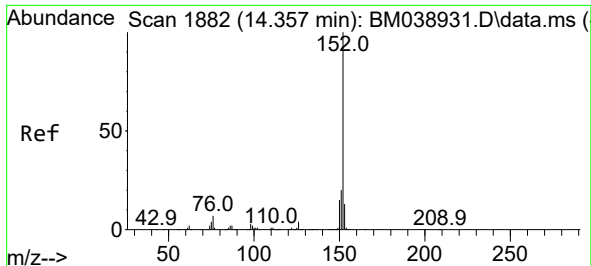
Tgt Ion:162 Resp: 2922975
Ion Ratio Lower Upper
162 100
127 39.8 32.1 48.1
164 32.7 26.2 39.4



#48
2-Nitroaniline
Concen: 47.844 ng
RT: 13.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion: 65 Resp: 805402
Ion Ratio Lower Upper
65 100
92 70.1 54.9 82.3
138 109.2 81.6 122.4

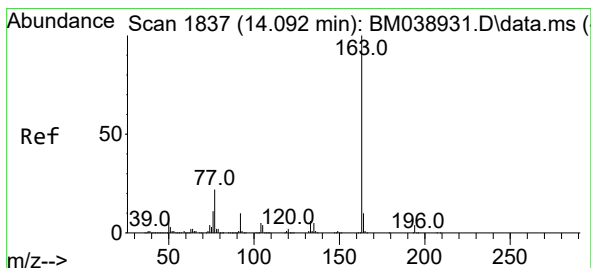
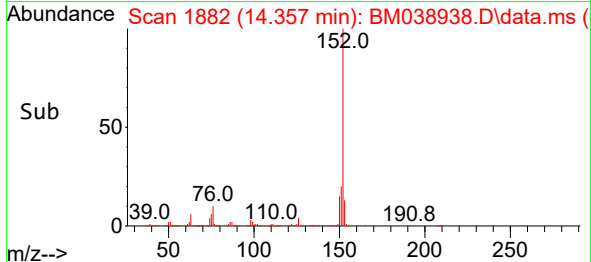
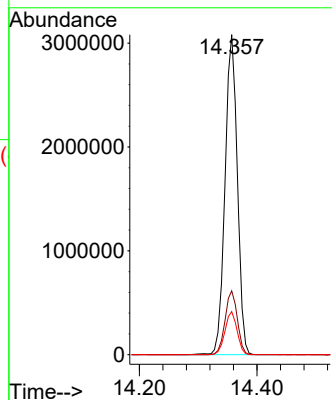
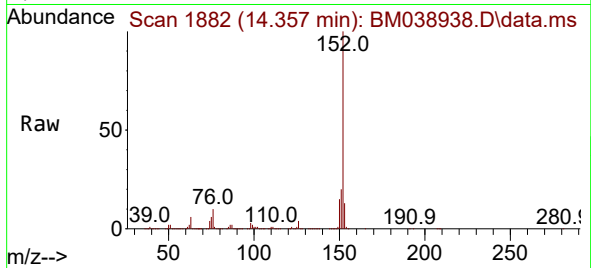




#49
Acenaphthylene
Concen: 53.379 ng
RT: 14.357 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

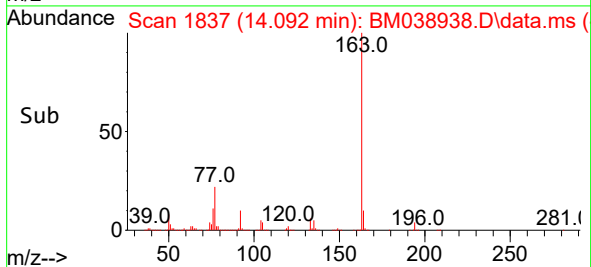
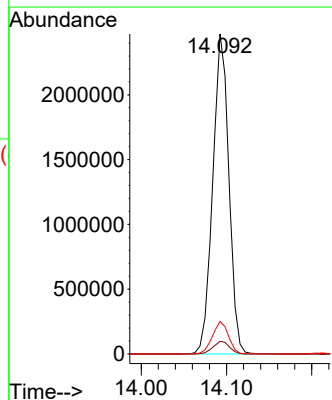
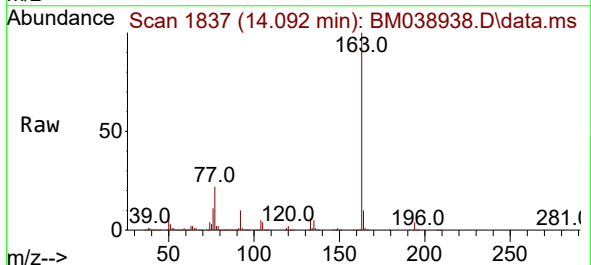
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

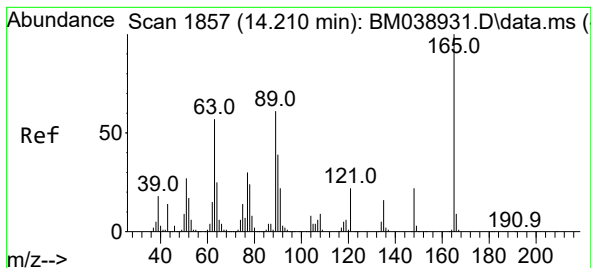
Tgt Ion:152 Resp: 4471139
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.5 10.4 15.6



#50
Dimethylphthalate
Concen: 51.141 ng
RT: 14.092 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:163 Resp: 3239398
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.1 12.1

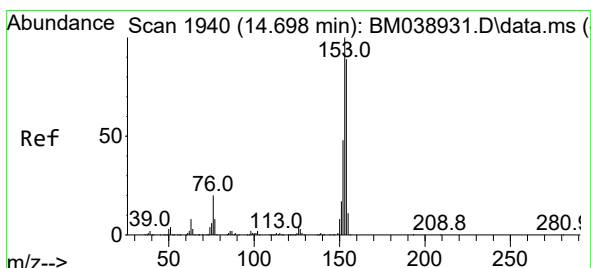
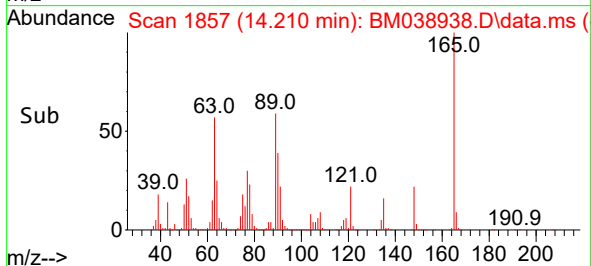
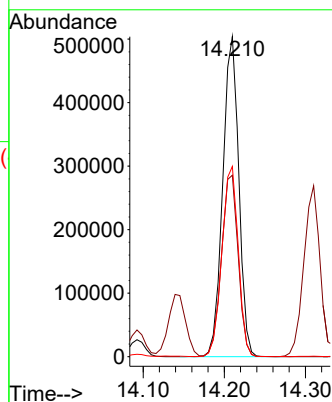
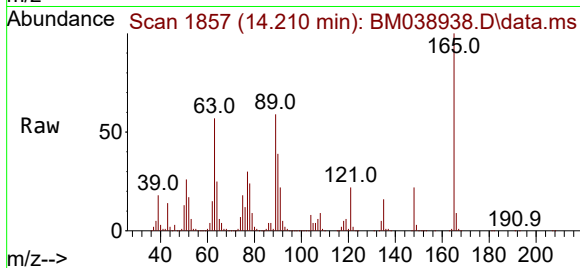




#51
2,6-Dinitrotoluene
Concen: 49.382 ng
RT: 14.210 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

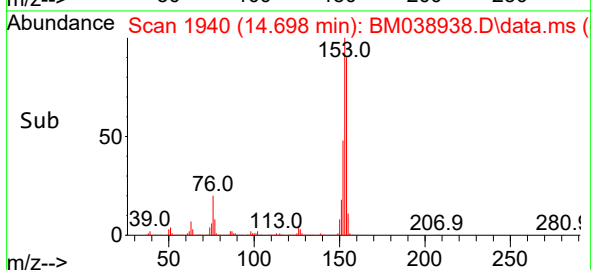
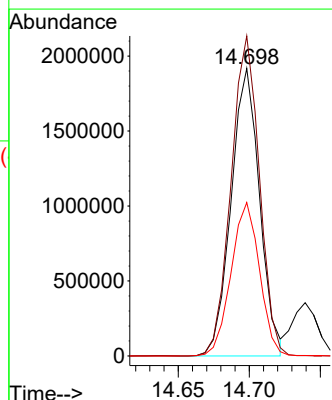
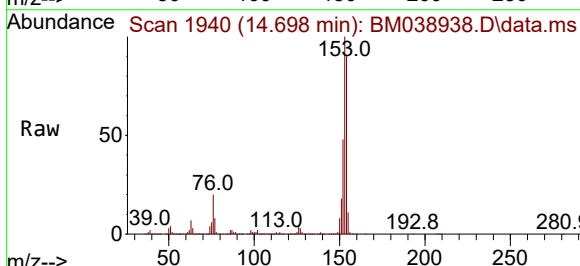
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

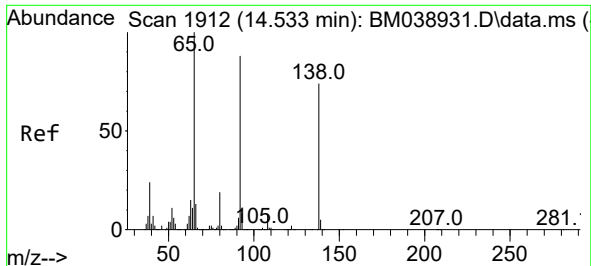
Tgt Ion:165 Resp: 692535
Ion Ratio Lower Upper
165 100
63 56.7 46.6 70.0
89 59.5 48.6 73.0



#52
Acenaphthene
Concen: 52.010 ng
RT: 14.698 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:154 Resp: 2677334
Ion Ratio Lower Upper
154 100
153 111.3 90.2 135.2
152 53.4 43.4 65.2

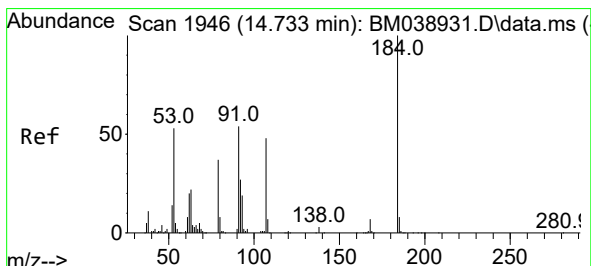
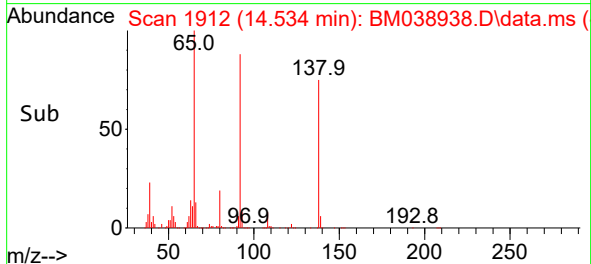
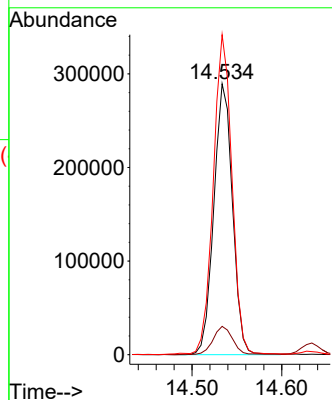
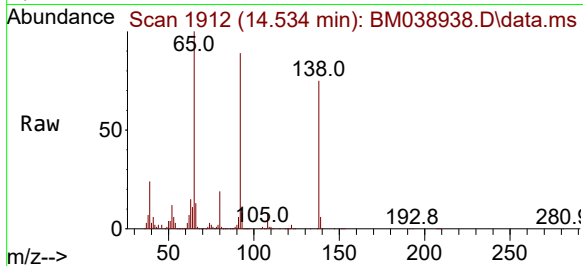




#53
3-Nitroaniline
Concen: 26.305 ng
RT: 14.534 min Scan# 1912
Delta R.T. 0.001 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

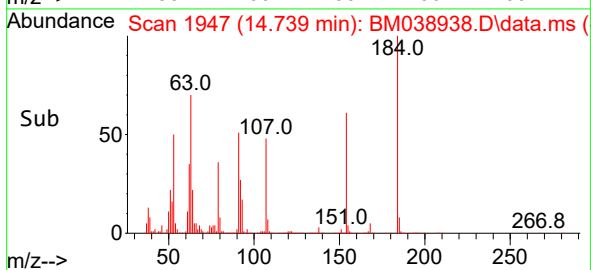
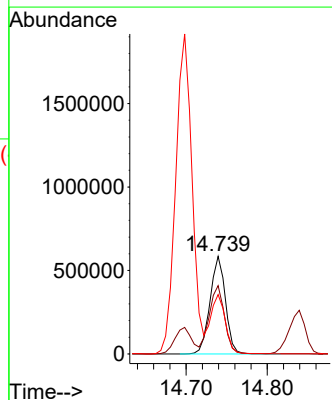
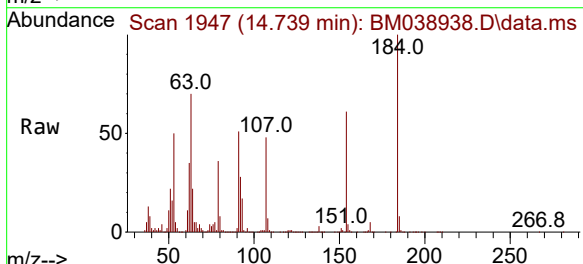
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

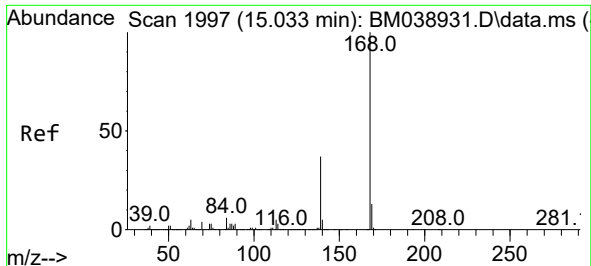
Tgt Ion:138 Resp: 418604
Ion Ratio Lower Upper
138 100
108 10.5 8.3 12.5
92 118.2 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 94.760 ng
RT: 14.739 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:184 Resp: 771215
Ion Ratio Lower Upper
184 100
63 70.0 60.6 90.8
154 60.8 51.4 77.2

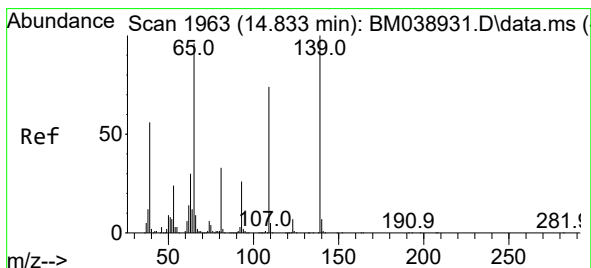
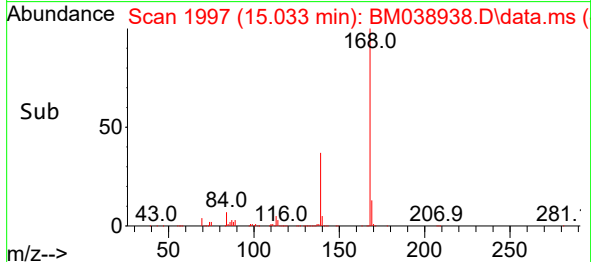
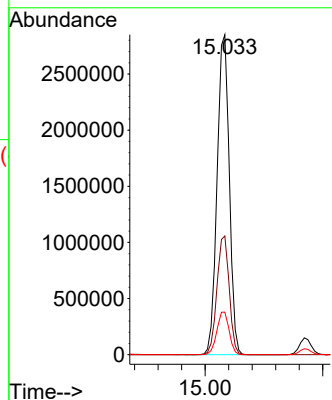
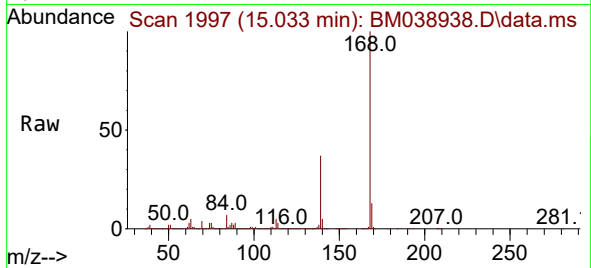




#55
Dibenzofuran
Concen: 50.855 ng
RT: 15.033 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

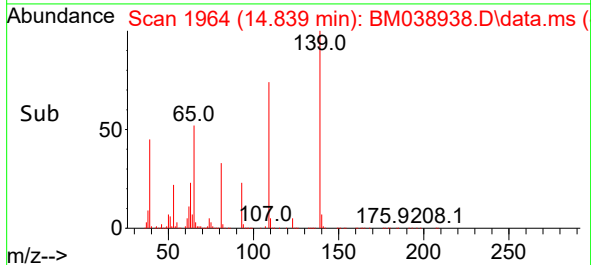
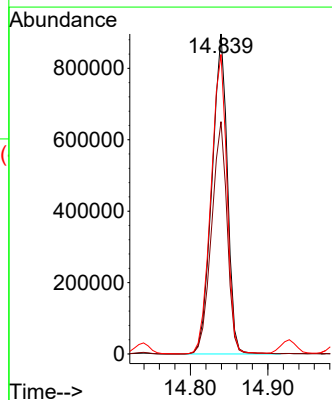
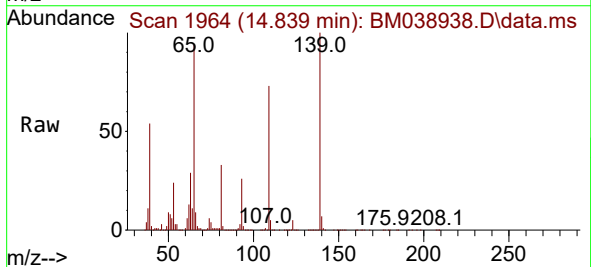
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

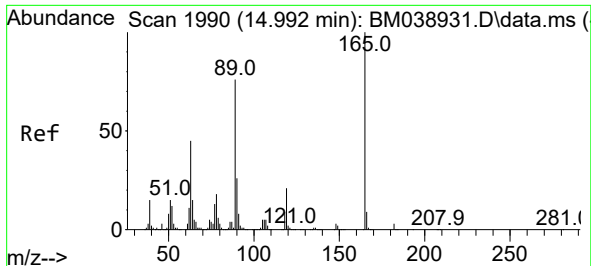
Tgt Ion:168 Resp: 4096641
Ion Ratio Lower Upper
168 100
139 37.1 29.9 44.9
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 98.770 ng
RT: 14.839 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:139 Resp: 1242523
Ion Ratio Lower Upper
139 100
109 72.6 53.5 93.5
65 93.6 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 48.897 ng

RT: 14.992 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

Instrument :

BNA_M

ClientSampleId :

PB150937BSD

Tgt Ion:165 Resp: 902175

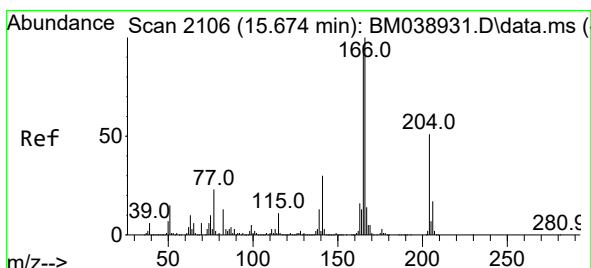
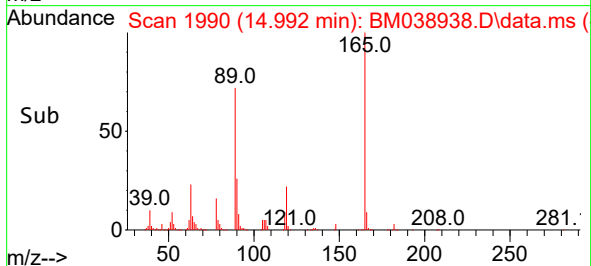
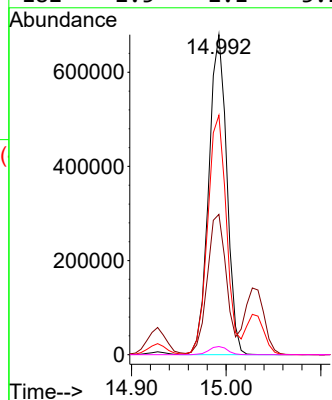
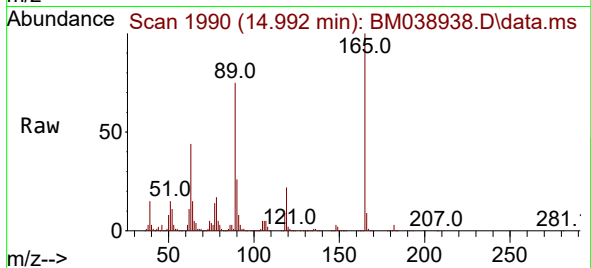
Ion Ratio Lower Upper

165 100

63 43.9 35.9 53.9

89 74.8 61.0 91.6

182 2.5 2.1 3.1



#58

Fluorene

Concen: 51.285 ng

RT: 15.681 min Scan# 2107

Delta R.T. 0.006 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

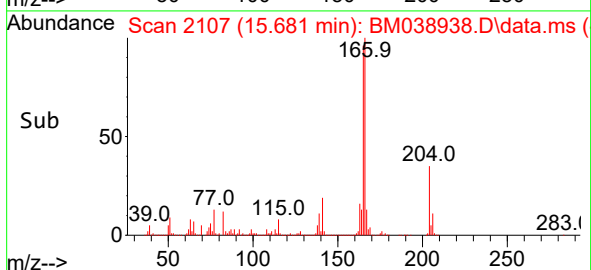
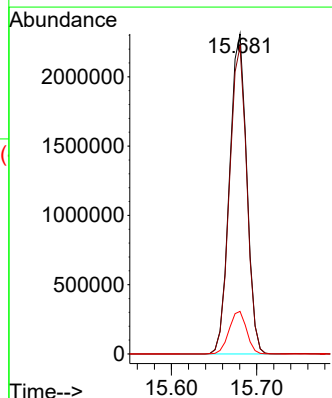
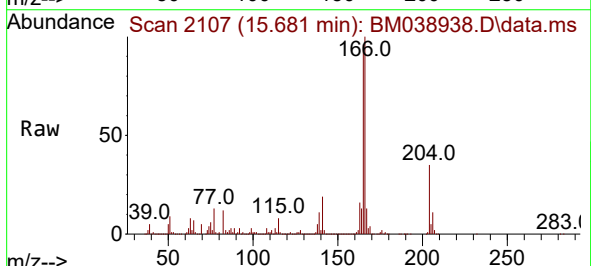
Tgt Ion:166 Resp: 3236124

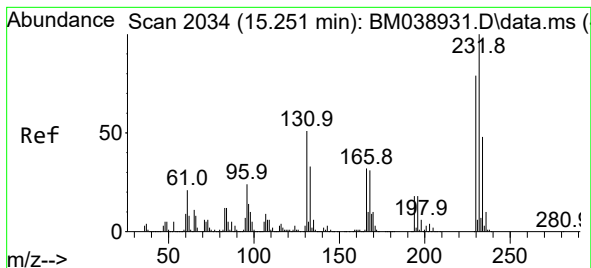
Ion Ratio Lower Upper

166 100

165 96.2 77.1 115.7

167 13.3 10.9 16.3

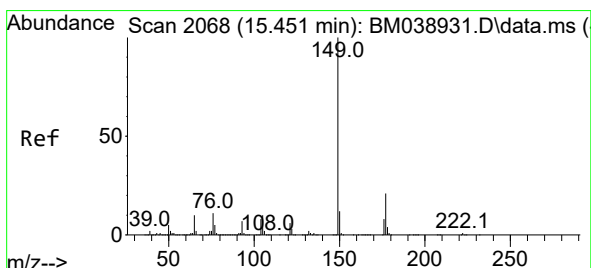
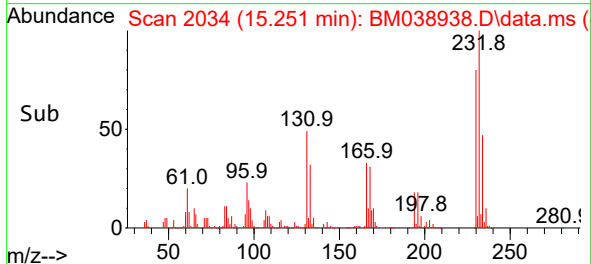
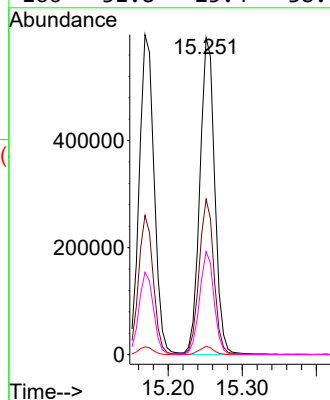
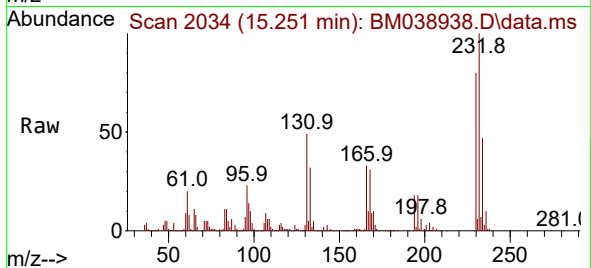




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.666 ng
RT: 15.251 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

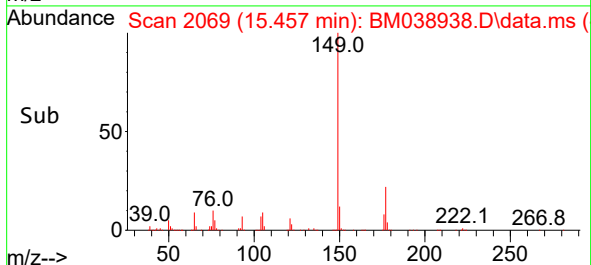
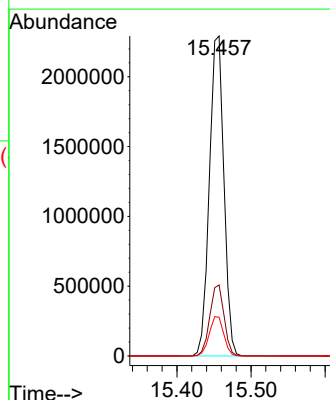
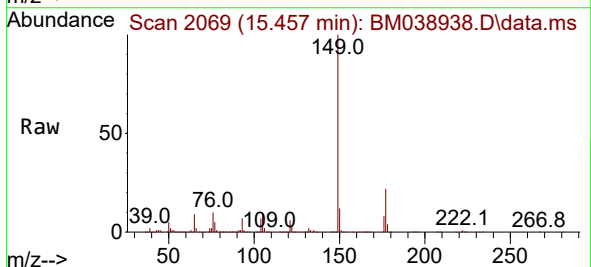
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

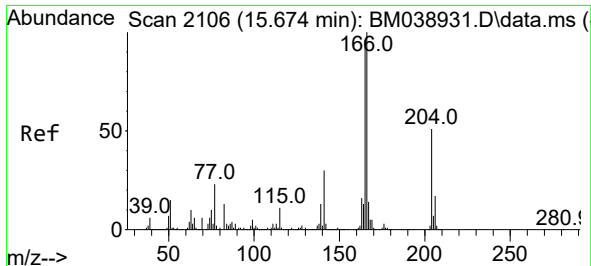
Tgt Ion:232 Resp: 823868
Ion Ratio Lower Upper
232 100
131 48.8 40.0 60.0
130 2.5 2.0 3.0
166 31.8 25.4 38.0



#60
Diethylphthalate
Concen: 50.566 ng
RT: 15.457 min Scan# 2069
Delta R.T. 0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:149 Resp: 3116530
Ion Ratio Lower Upper
149 100
177 22.2 17.1 25.7
150 12.1 9.7 14.5

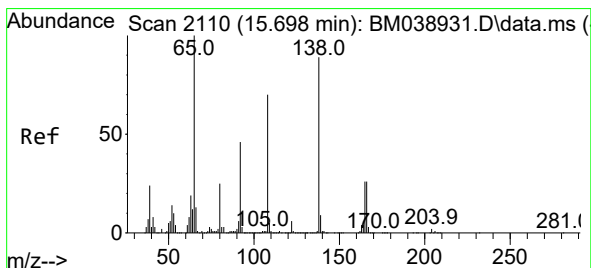
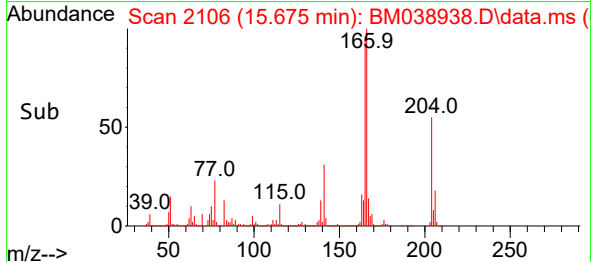
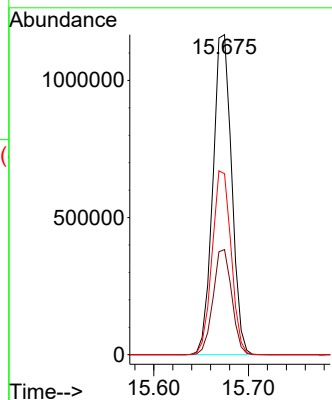
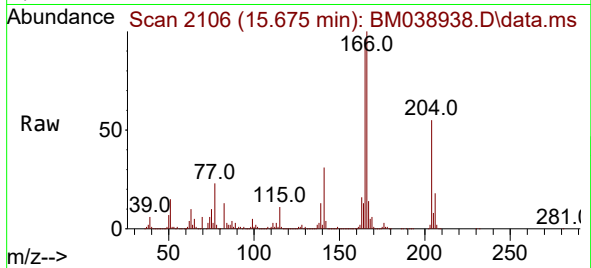




#61
4-Chlorophenyl-phenylether
Concen: 51.797 ng
RT: 15.675 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

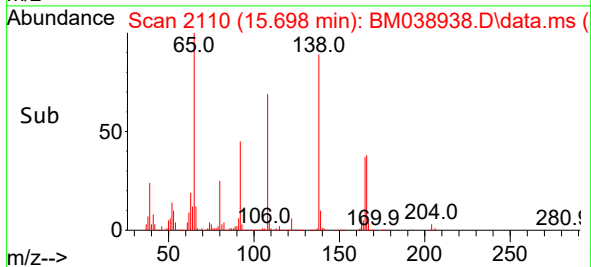
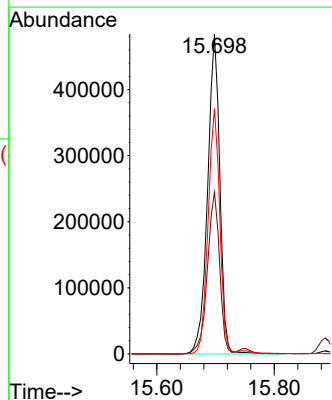
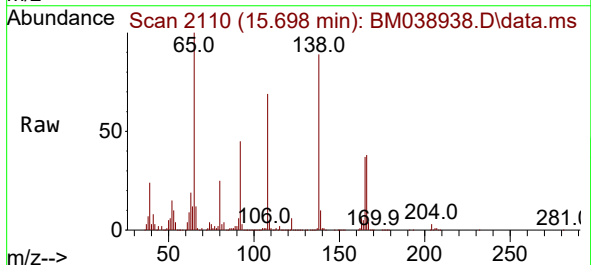
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

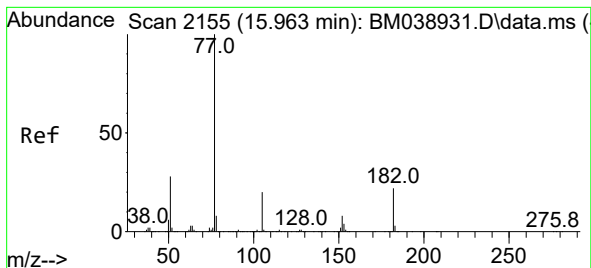
Tgt Ion:204 Resp: 1605678
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 56.5 46.4 69.6



#62
4-Nitroaniline
Concen: 42.187 ng
RT: 15.698 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:138 Resp: 699521
Ion Ratio Lower Upper
138 100
92 50.6 31.6 71.6
108 76.7 58.6 98.6

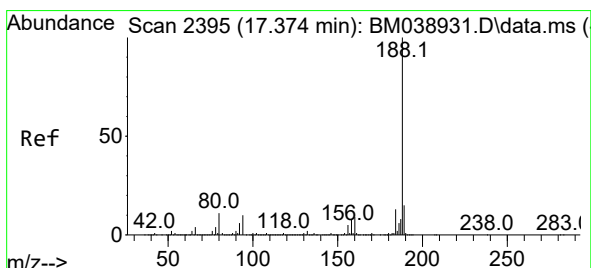
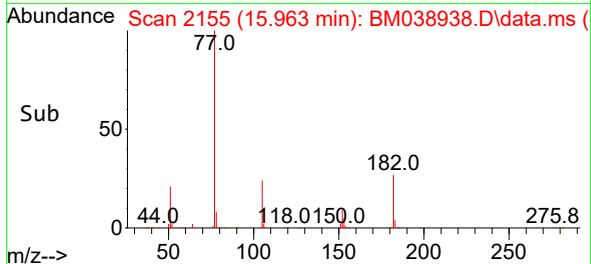
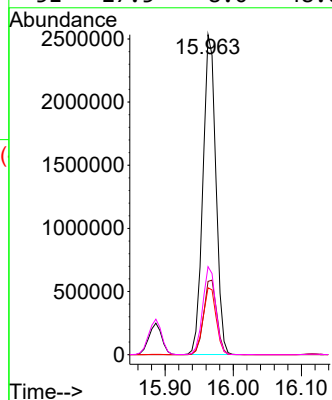
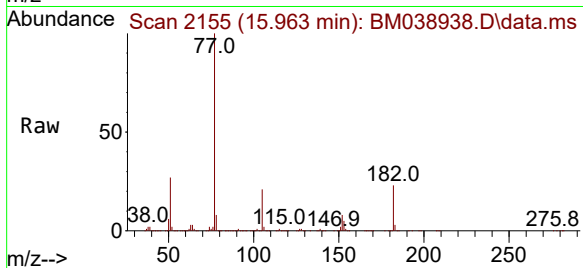




#63
Azobenzene
Concen: 51.196 ng
RT: 15.963 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

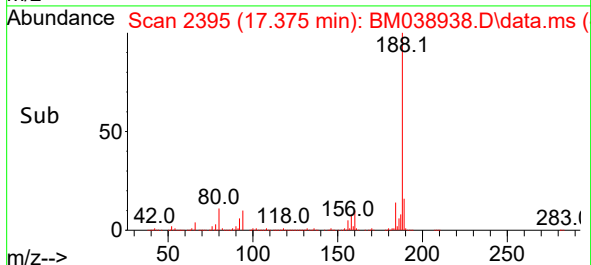
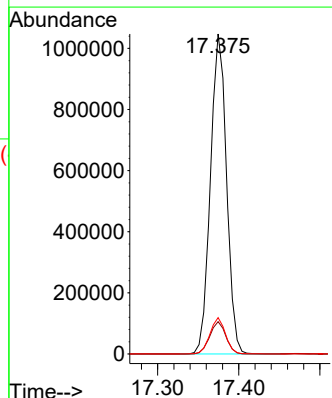
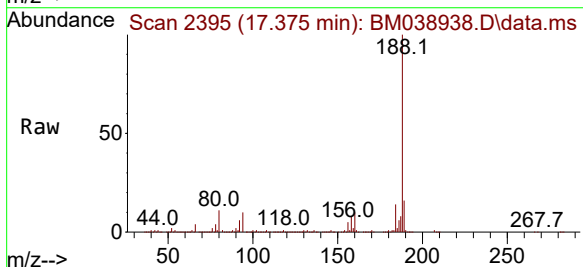
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

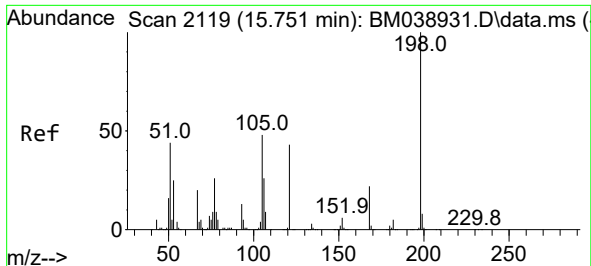
Tgt Ion: 77 Resp: 3338666
Ion Ratio Lower Upper
77 100
182 22.9 2.0 42.0
105 20.9 0.4 40.4
51 27.5 8.0 48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.375 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:188 Resp: 1440527
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.3 8.5 12.7

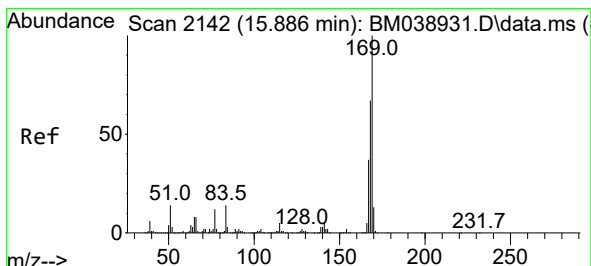
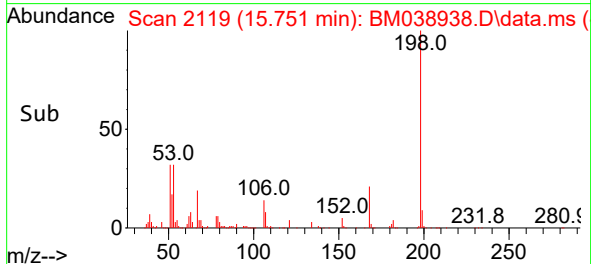
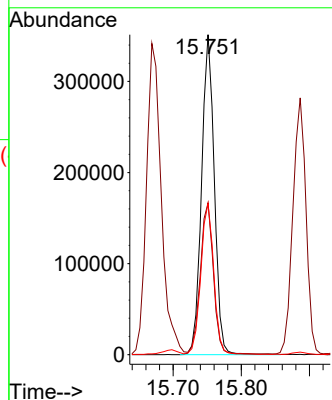
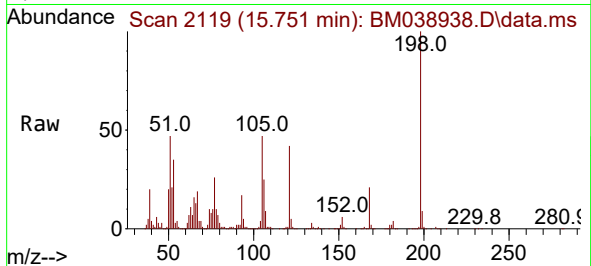




#65
4,6-Dinitro-2-methylphenol
Concen: 48.162 ng
RT: 15.751 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

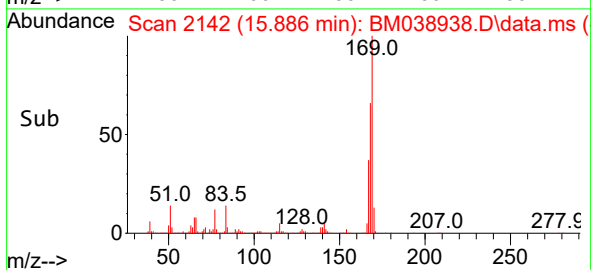
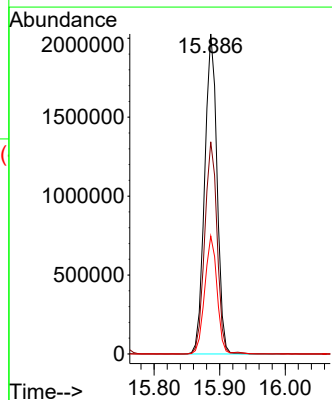
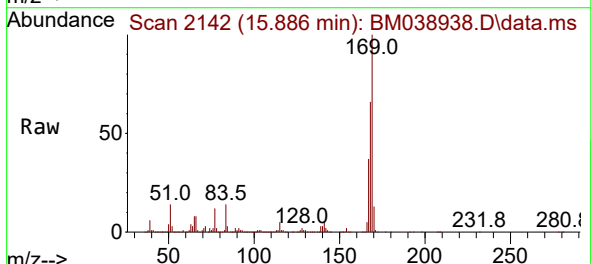
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

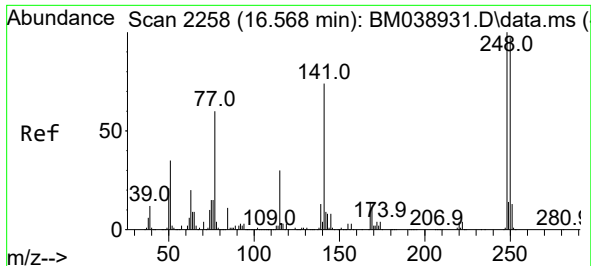
Tgt Ion:198 Resp: 456123
Ion Ratio Lower Upper
198 100
51 47.4 30.1 70.1
105 47.3 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 54.906 ng
RT: 15.886 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:169 Resp: 2666388
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 36.8 29.4 44.0

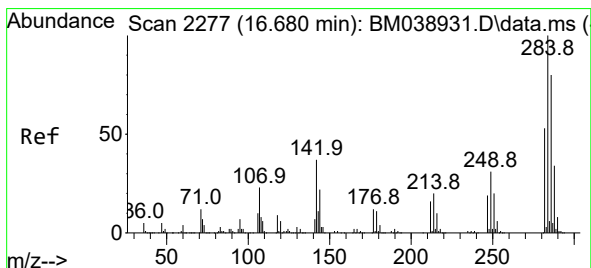
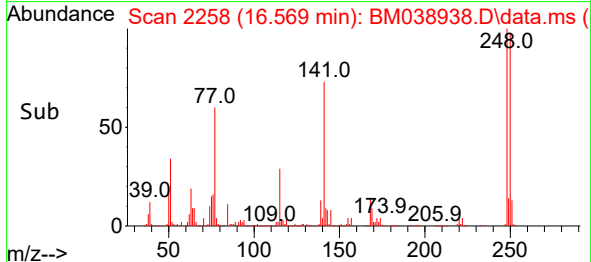
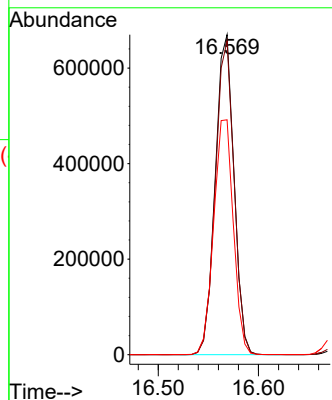
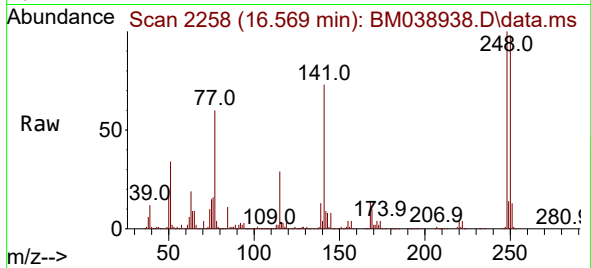




#67
4-Bromophenyl-phenylether
Concen: 55.888 ng
RT: 16.569 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

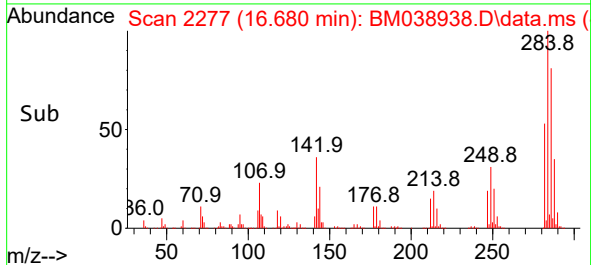
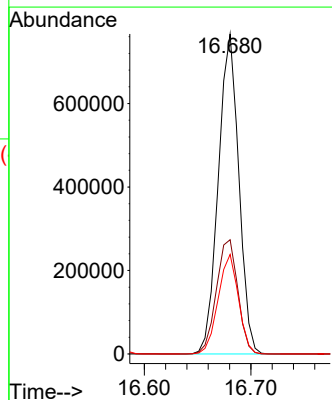
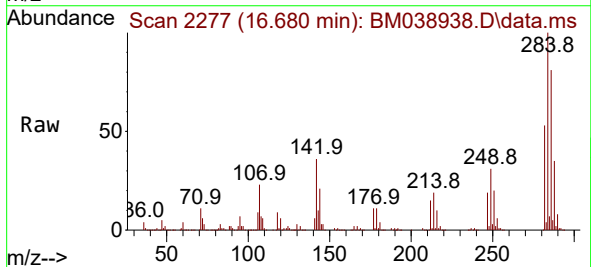
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

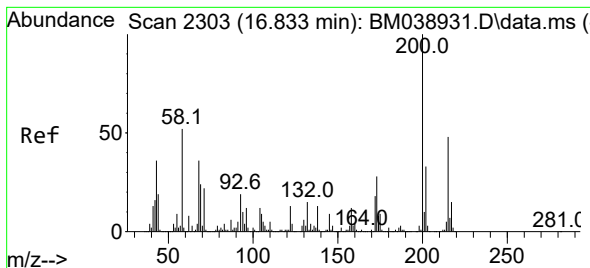
Tgt Ion:248 Resp: 869571
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.8
141 73.4 59.0 88.4



#68
Hexachlorobenzene
Concen: 58.772 ng
RT: 16.680 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:284 Resp: 1022262
Ion Ratio Lower Upper
284 100
142 35.7 29.5 44.3
249 31.1 25.0 37.4





#69

Atrazine

Concen: 61.728 ng

RT: 16.839 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

Instrument :

BNA_M

ClientSampleId :

PB150937BSD

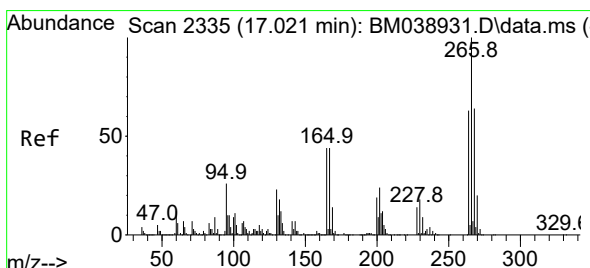
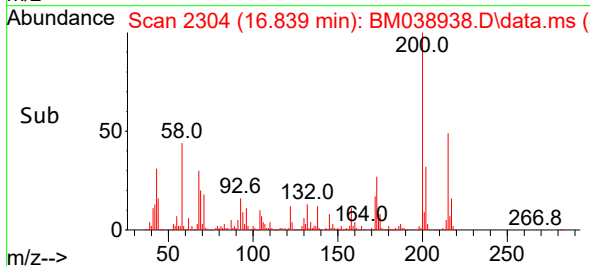
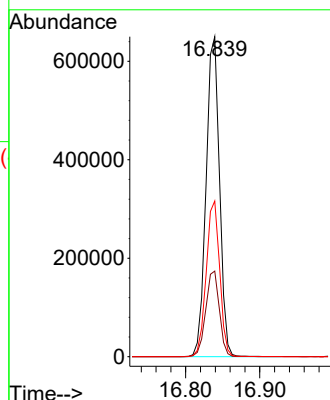
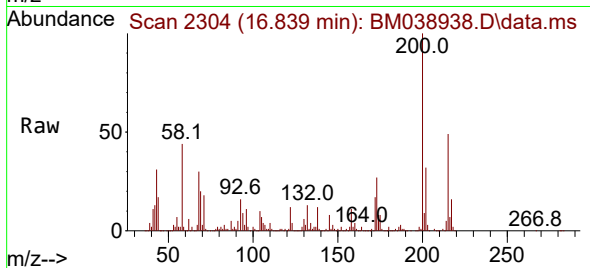
Tgt Ion:200 Resp: 818804

Ion Ratio Lower Upper

200 100

173 26.7 8.2 48.2

215 48.7 27.8 67.8



#70

Pentachlorophenol

Concen: 97.741 ng

RT: 17.022 min Scan# 2335

Delta R.T. 0.001 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

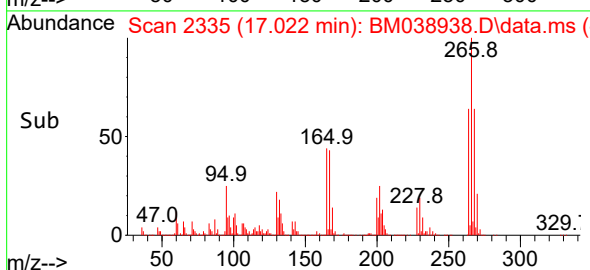
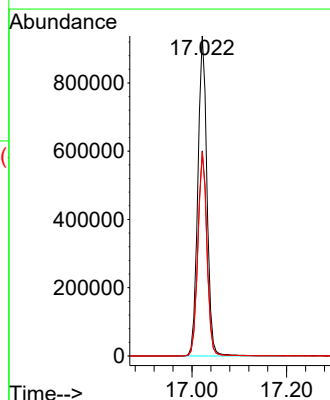
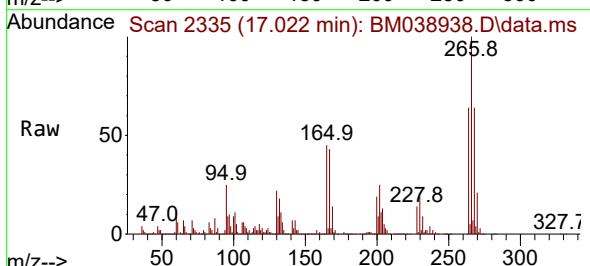
Tgt Ion:266 Resp: 1250408

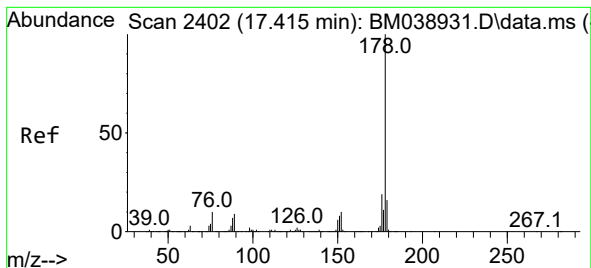
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.4

264 63.5 50.3 75.5





#71

Phenanthrene

Concen: 52.141 ng

RT: 17.416 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

Instrument :

BNA_M

ClientSampleId :

PB150937BSD

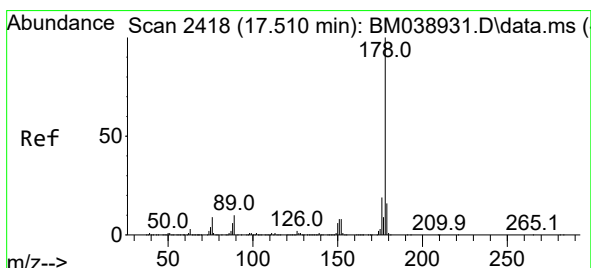
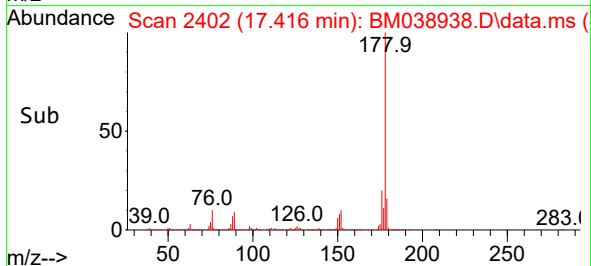
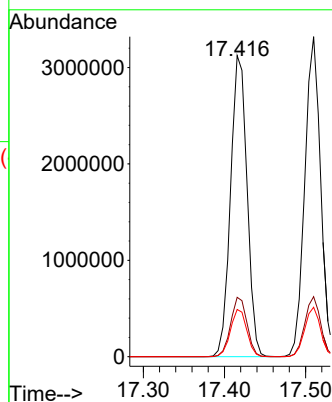
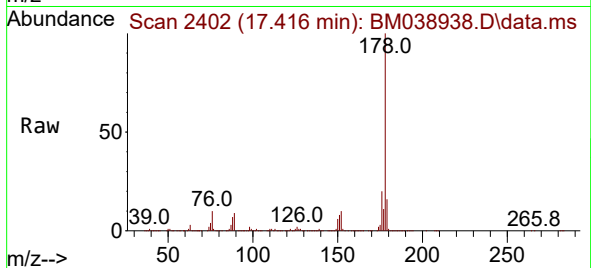
Tgt Ion:178 Resp: 4408297

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.7 12.5 18.7



#72

Anthracene

Concen: 53.647 ng

RT: 17.510 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

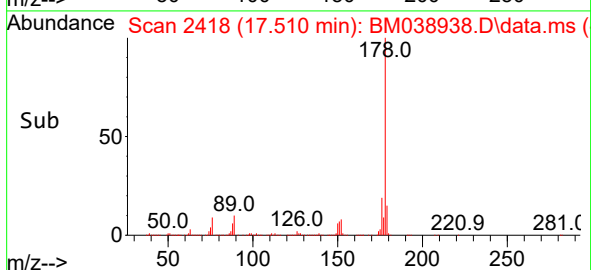
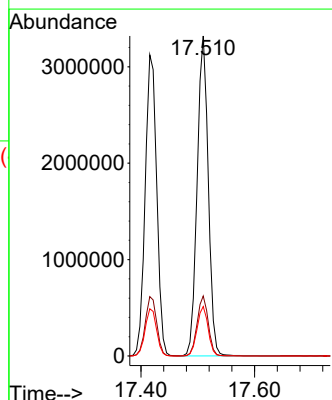
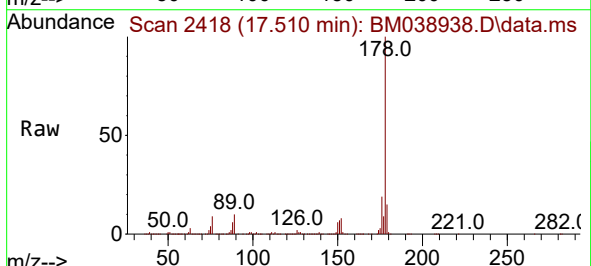
Tgt Ion:178 Resp: 4523124

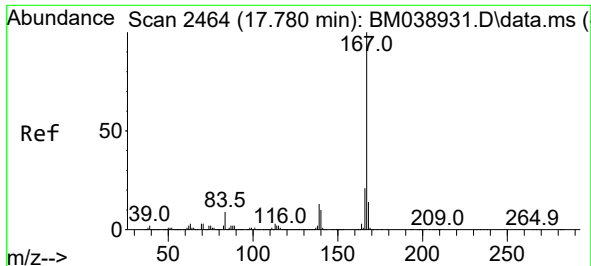
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.4 12.5 18.7



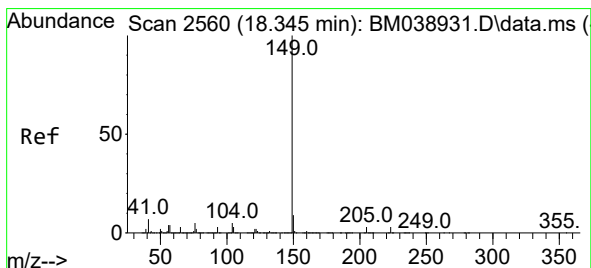
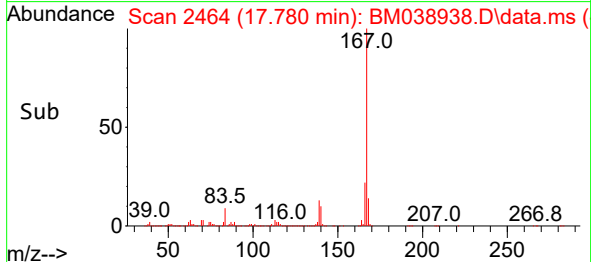
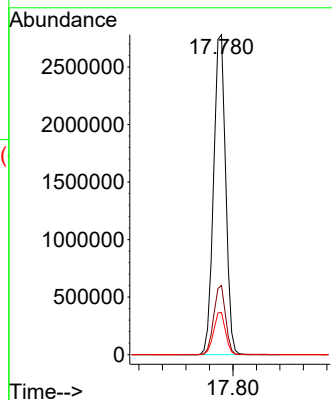
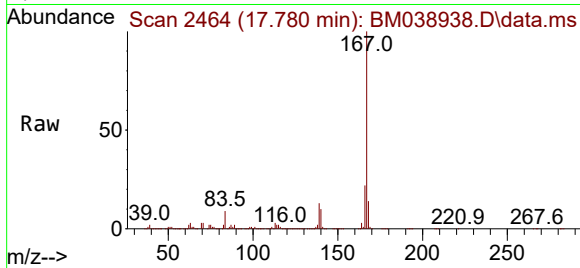


#73
 Carbazole
 Concen: 51.432 ng
 RT: 17.780 min Scan# 2464
 Delta R.T. 0.000 min
 Lab File: BM038938.D
 Acq: 08 Mar 2023 20:54

Instrument :
 BNA_M
 ClientSampleId :
 PB150937BSD

Tgt Ion:167 Resp: 3957658

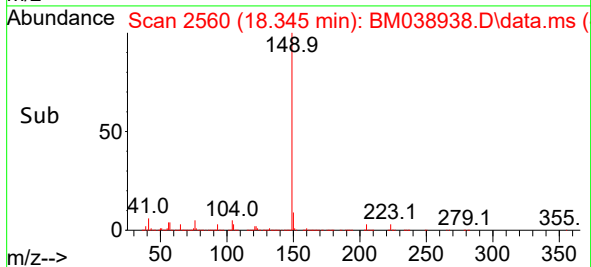
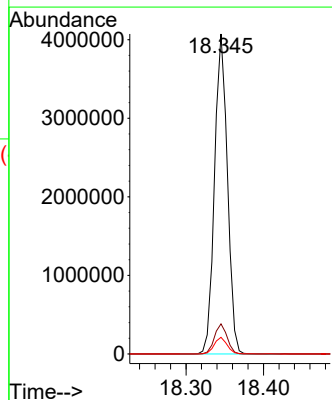
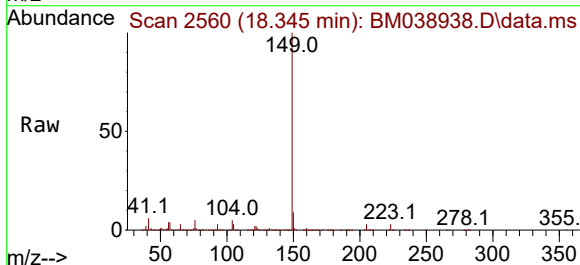
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.4
139	13.2	10.3	15.5

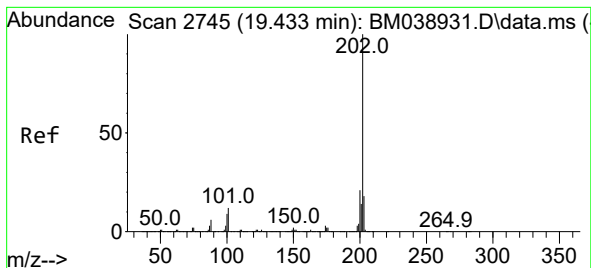


#74
 Di-n-butylphthalate
 Concen: 49.928 ng
 RT: 18.345 min Scan# 2560
 Delta R.T. 0.000 min
 Lab File: BM038938.D
 Acq: 08 Mar 2023 20:54

Tgt Ion:149 Resp: 4692979

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 48.415 ng

RT: 19.427 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

Instrument :

BNA_M

ClientSampleId :

PB150937BSD

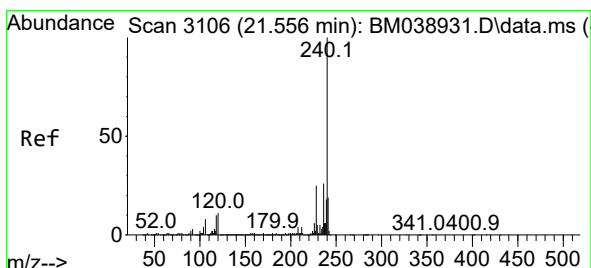
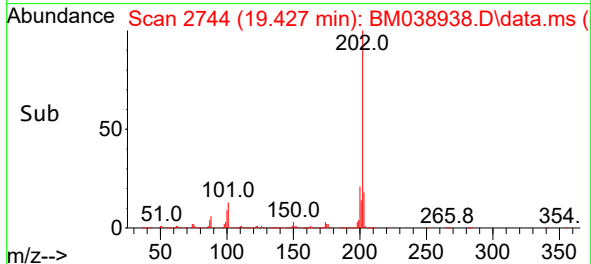
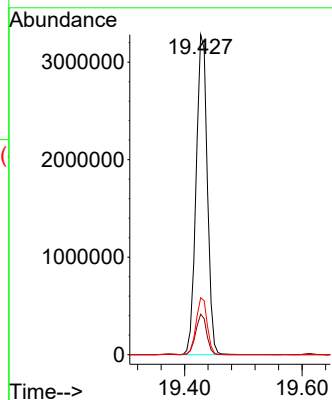
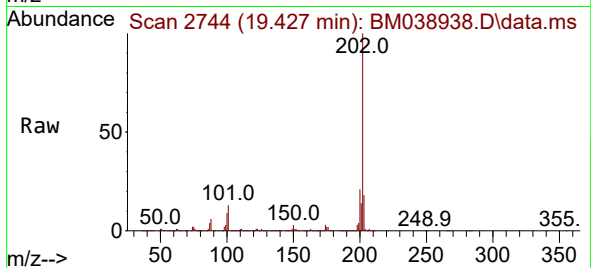
Tgt Ion:202 Resp: 4321859

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.7

203 17.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.557 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

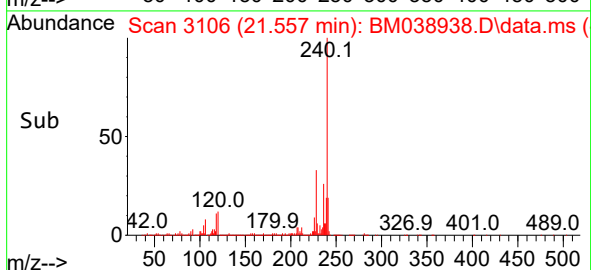
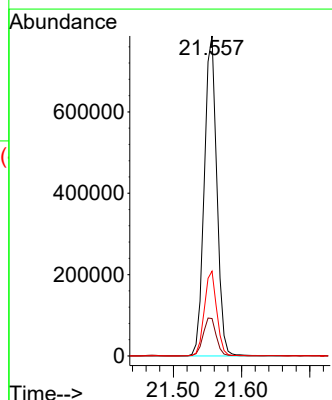
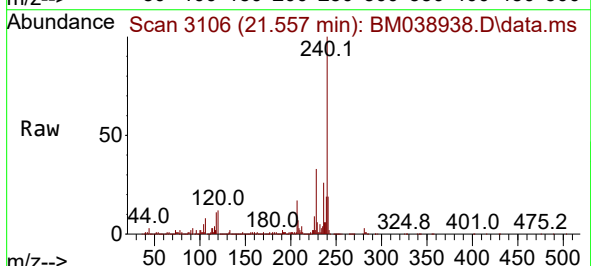
Tgt Ion:240 Resp: 1007424

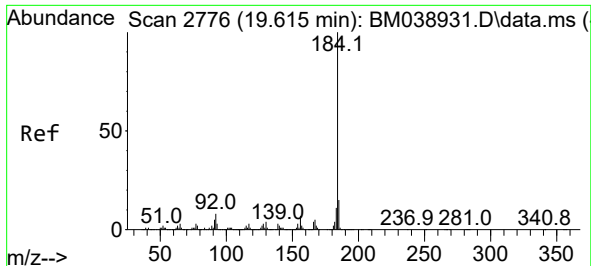
Ion Ratio Lower Upper

240 100

120 11.7 9.2 13.8

236 26.5 20.8 31.2

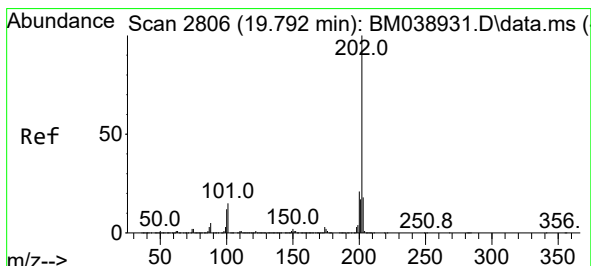
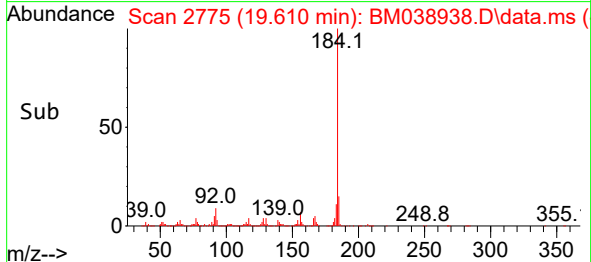
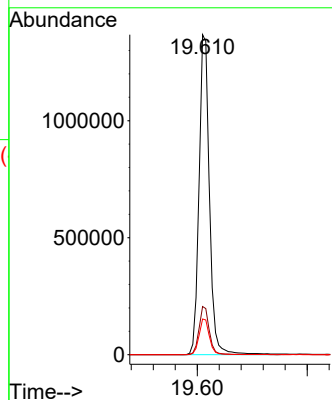
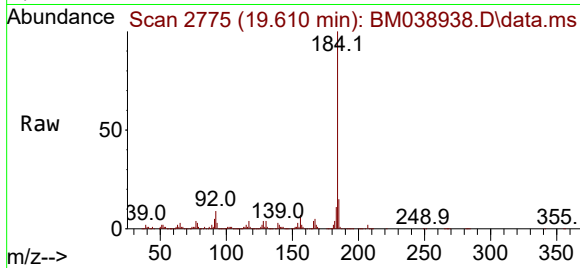




#77
Benzidine
Concen: 75.341 ng
RT: 19.610 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

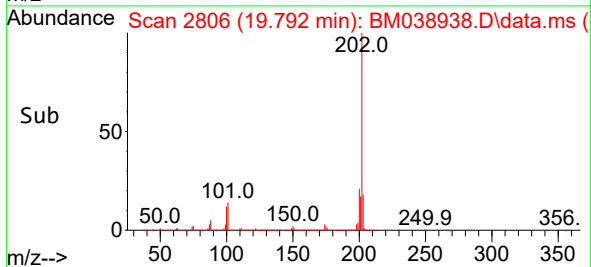
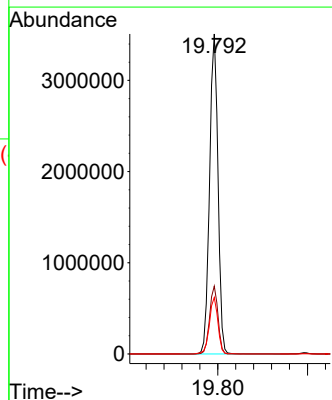
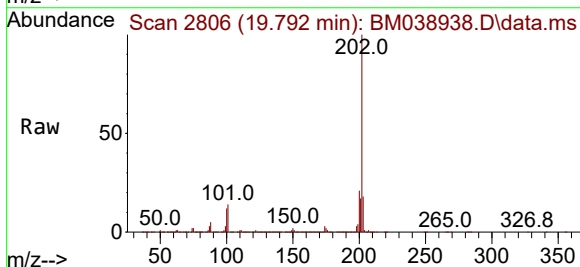
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

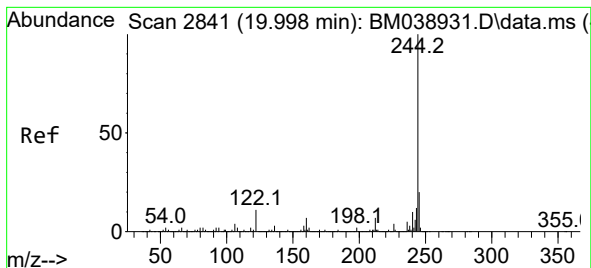
Tgt Ion:184 Resp: 1801100
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.4
183 11.2 8.8 13.2



#78
Pyrene
Concen: 60.211 ng
RT: 19.792 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:202 Resp: 4555938
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 90.915 ng

RT: 19.992 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

Instrument :

BNA_M

ClientSampleId :

PB150937BSD

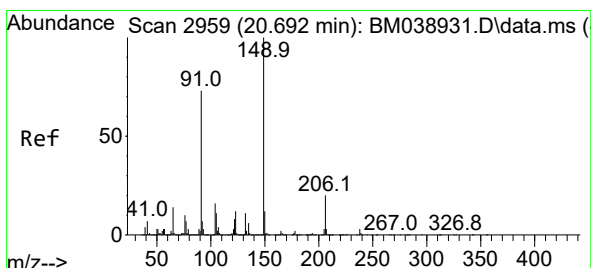
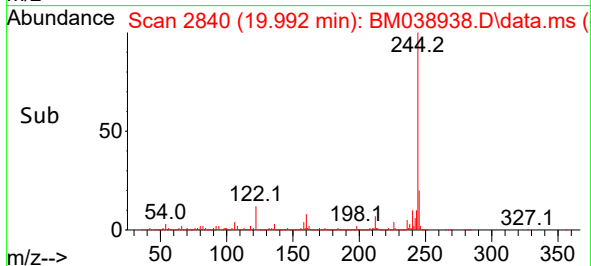
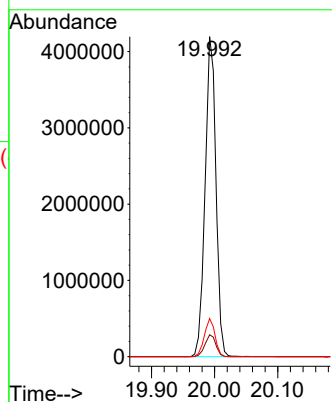
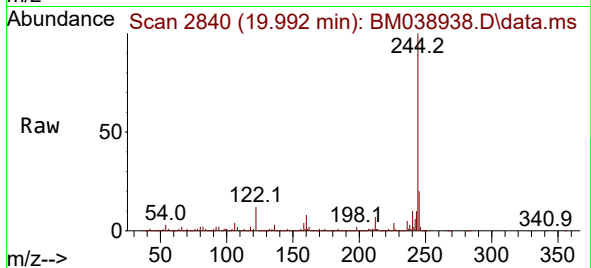
Tgt Ion:244 Resp: 5009475

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.9 9.0 13.4



#80

Butylbenzylphthalate

Concen: 54.212 ng

RT: 20.692 min Scan# 2959

Delta R.T. -0.000 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

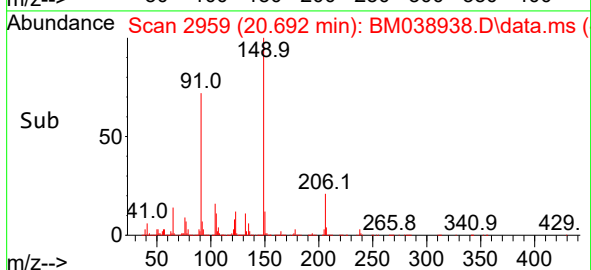
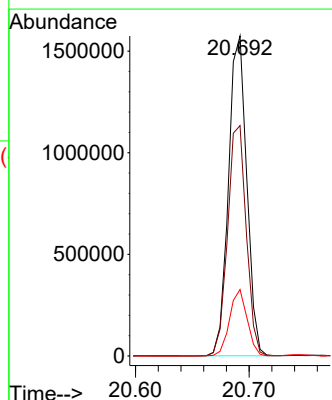
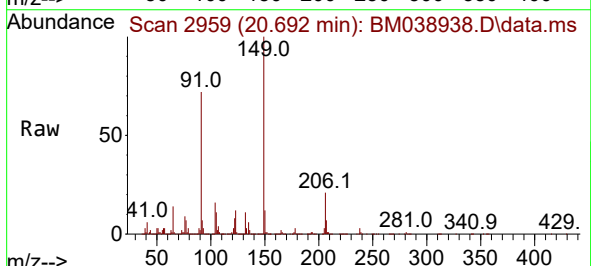
Tgt Ion:149 Resp: 1759026

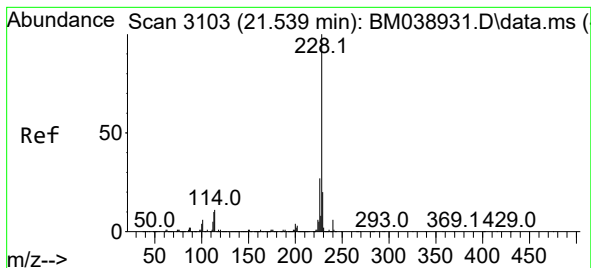
Ion Ratio Lower Upper

149 100

91 72.0 58.4 87.6

206 20.8 16.1 24.1





#81

Benzo(a)anthracene

Concen: 53.503 ng

RT: 21.539 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

Instrument :

BNA_M

ClientSampleId :

PB150937BSD

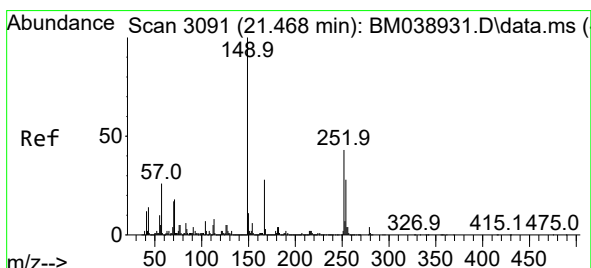
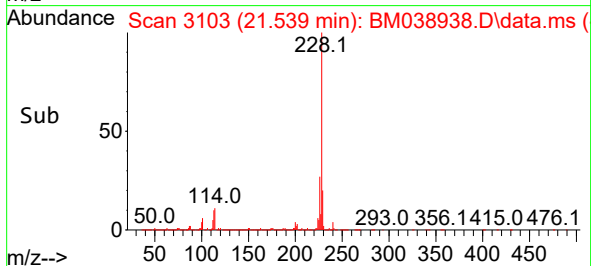
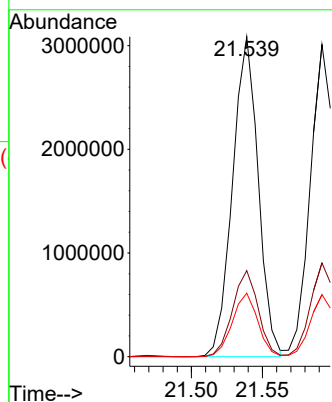
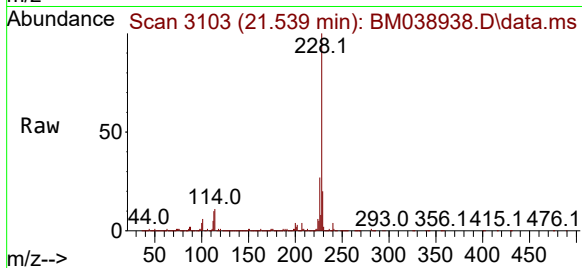
Tgt Ion:228 Resp: 3881593

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.2

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 37.351 ng

RT: 21.468 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

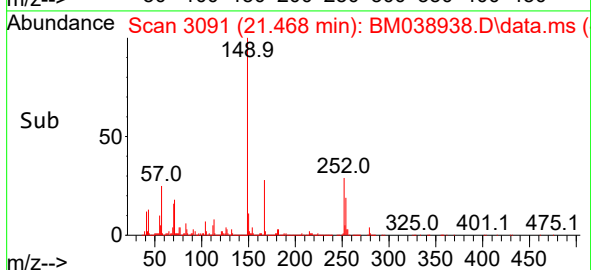
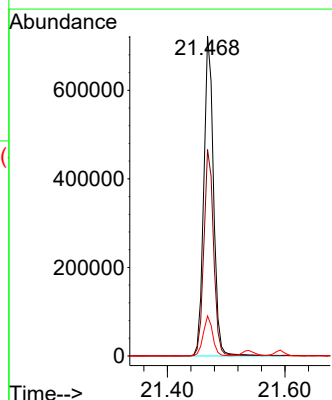
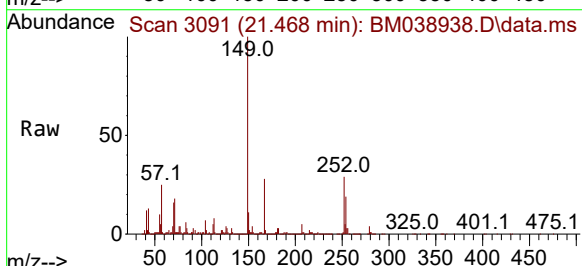
Tgt Ion:252 Resp: 832811

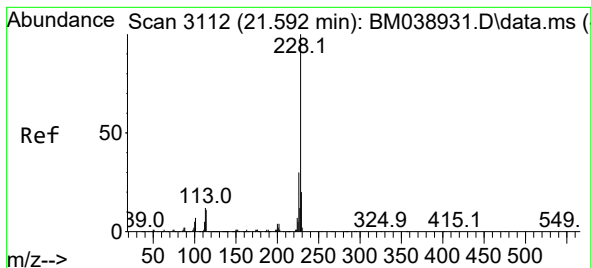
Ion Ratio Lower Upper

252 100

254 64.5 51.5 77.3

126 12.5 9.9 14.9





#83

Chrysene

Concen: 52.314 ng

RT: 21.592 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

Instrument :

BNA_M

ClientSampleId :

PB150937BSD

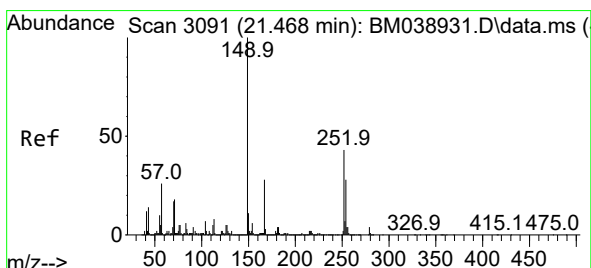
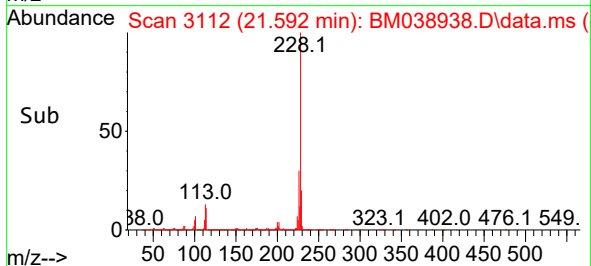
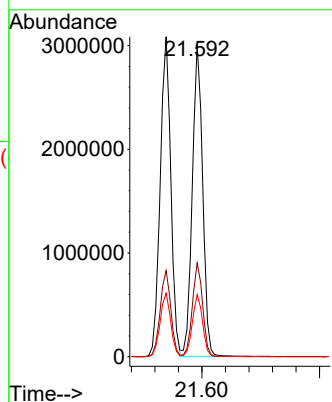
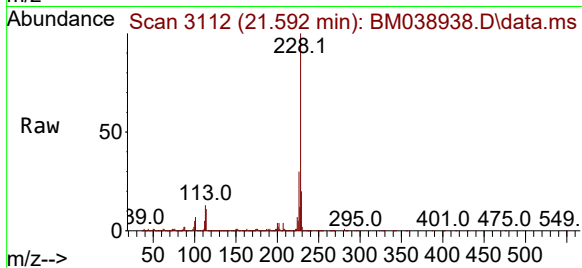
Tgt Ion:228 Resp: 3691336

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.981 ng

RT: 21.468 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

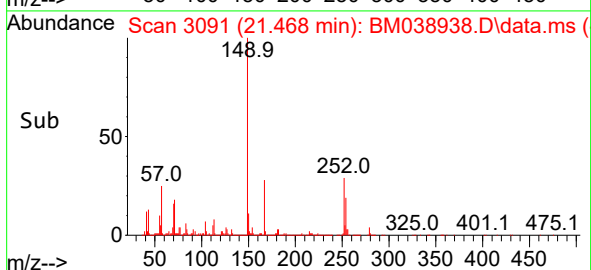
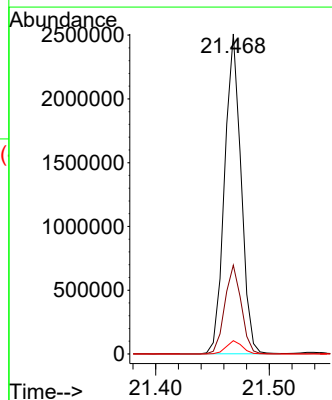
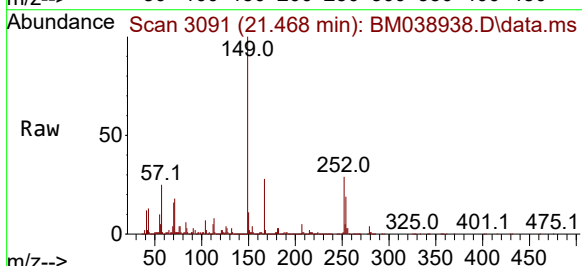
Tgt Ion:149 Resp: 2526304

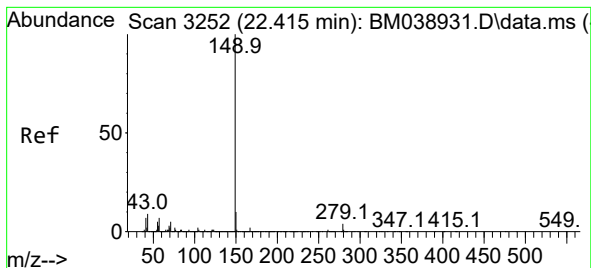
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

279 4.2 3.2 4.8

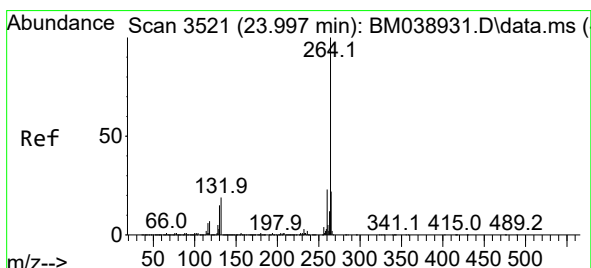
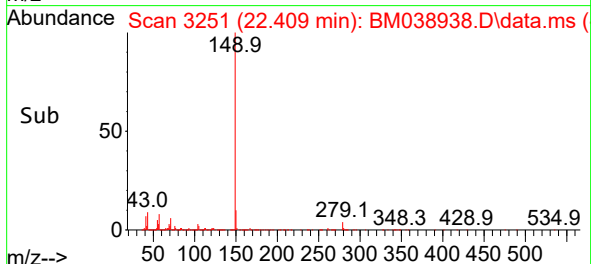
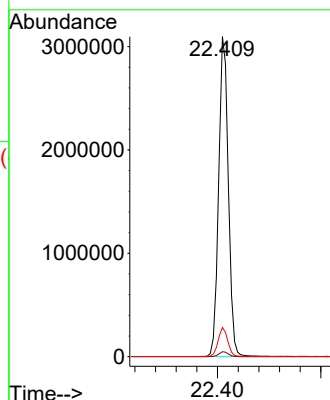
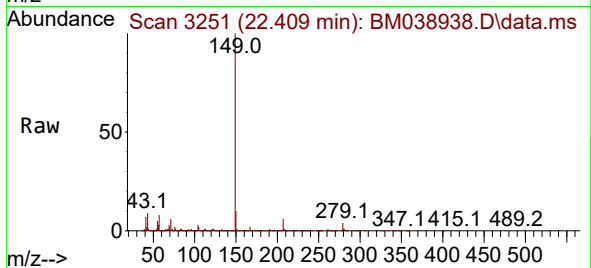




#85
Di-n-octyl phthalate
Concen: 51.635 ng
RT: 22.409 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

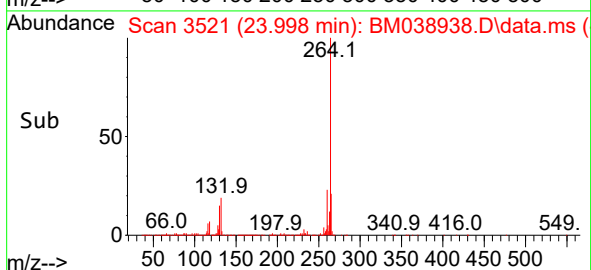
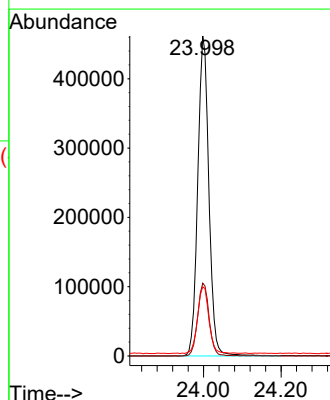
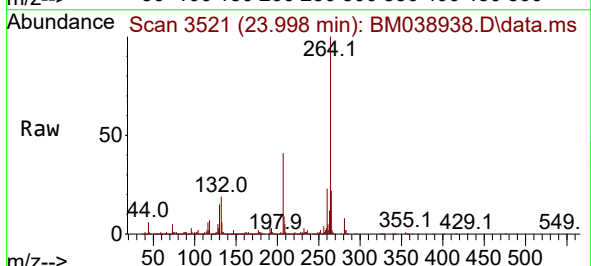
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

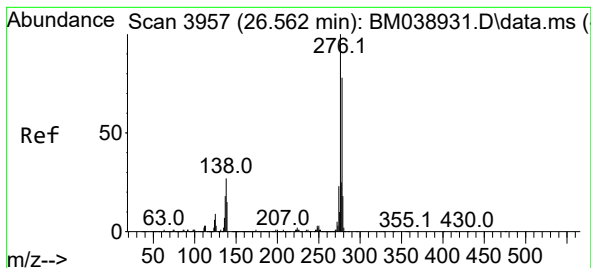
Tgt Ion:149 Resp: 4010159
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.0 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.998 min Scan# 3521
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:264 Resp: 919202
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 21.6 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.752 ng

RT: 26.556 min Scan# 3956

Delta R.T. -0.006 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

Instrument :

BNA_M

ClientSampleId :

PB150937BSD

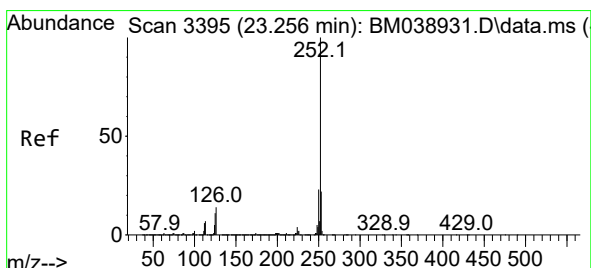
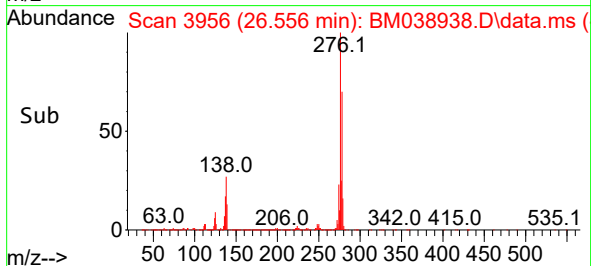
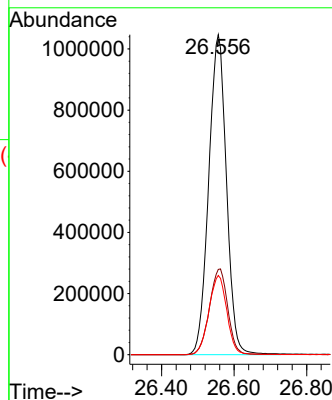
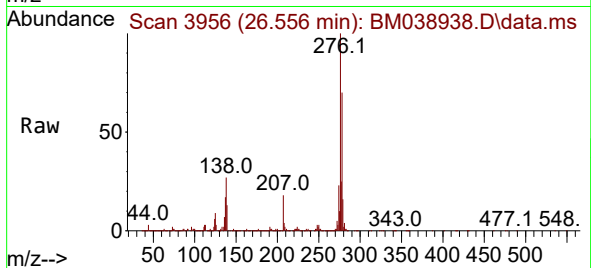
Tgt Ion:276 Resp: 3549848

Ion Ratio Lower Upper

276 100

138 27.9 22.1 33.1

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 59.892 ng

RT: 23.256 min Scan# 3395

Delta R.T. 0.000 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

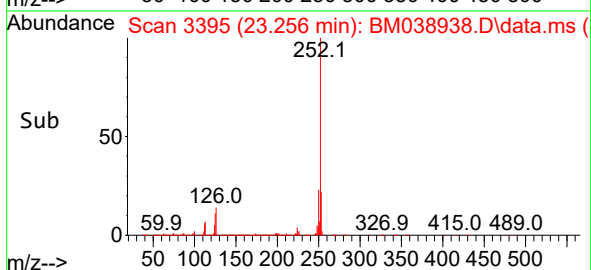
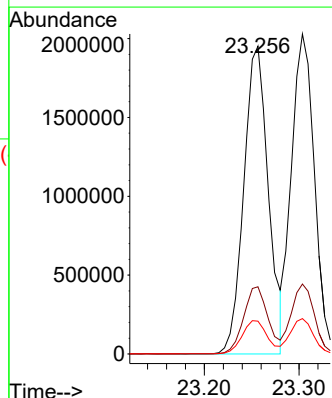
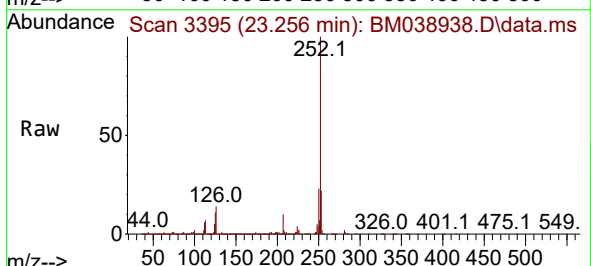
Tgt Ion:252 Resp: 3517145

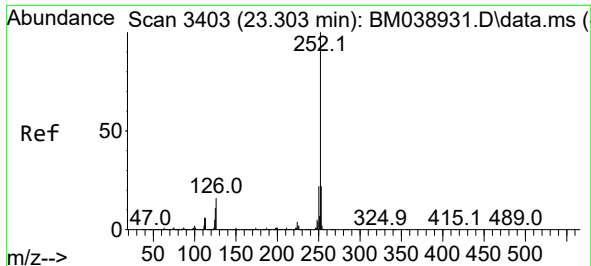
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.6 8.8 13.2

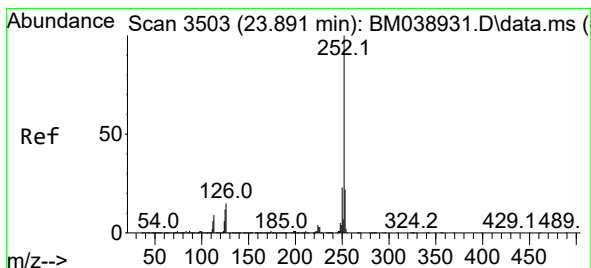
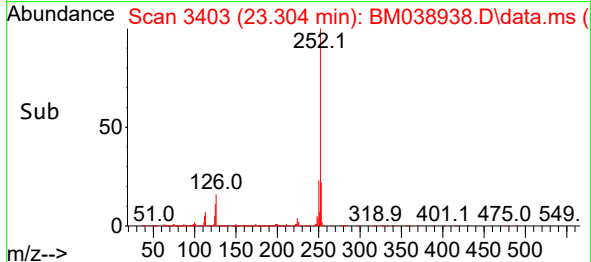
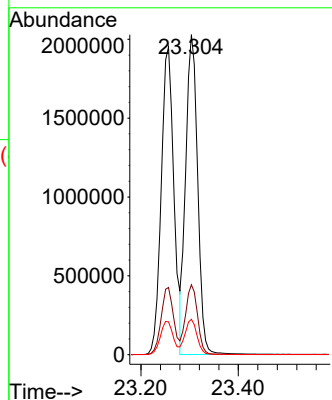
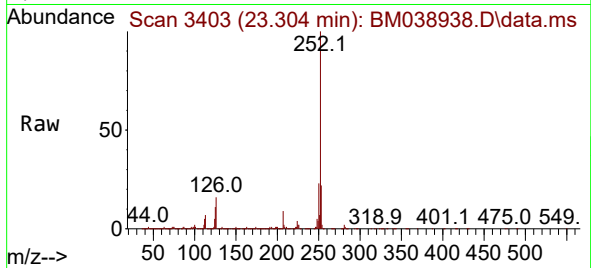




#89
Benzo(k)fluoranthene
Concen: 56.377 ng
RT: 23.304 min Scan# 3403
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

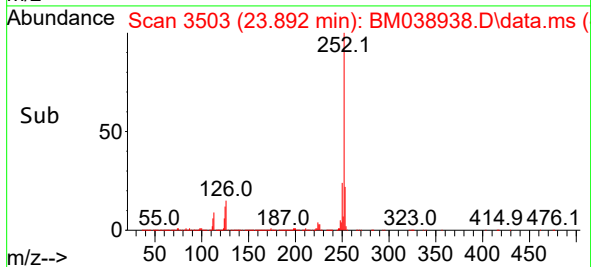
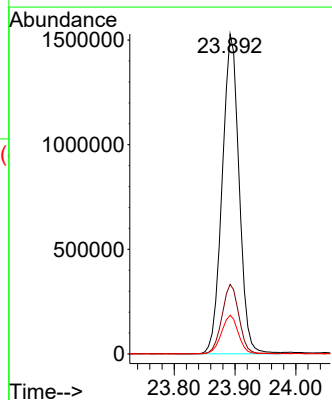
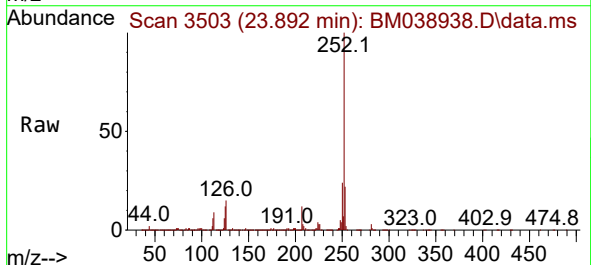
Instrument :
BNA_M
ClientSampleId :
PB150937BSD

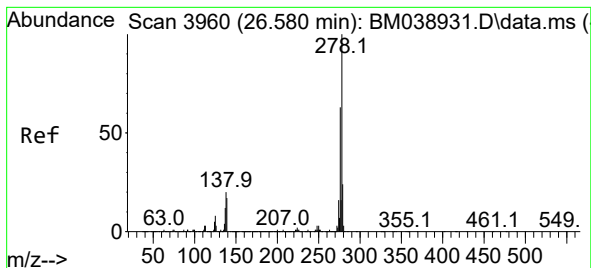
Tgt Ion:252 Resp: 3445502
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.0 8.9 13.3



#90
Benzo(a)pyrene
Concen: 52.114 ng
RT: 23.892 min Scan# 3503
Delta R.T. 0.000 min
Lab File: BM038938.D
Acq: 08 Mar 2023 20:54

Tgt Ion:252 Resp: 2945369
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 12.1 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 50.952 ng

RT: 26.574 min Scan# 3959

Delta R.T. -0.006 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

Instrument :

BNA_M

ClientSampleId :

PB150937BSD

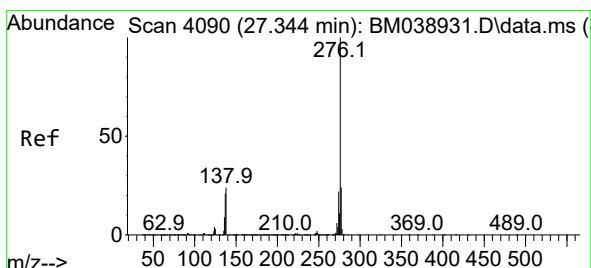
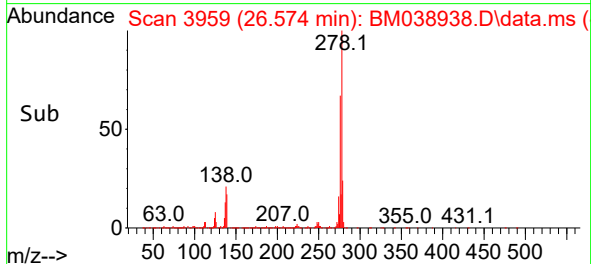
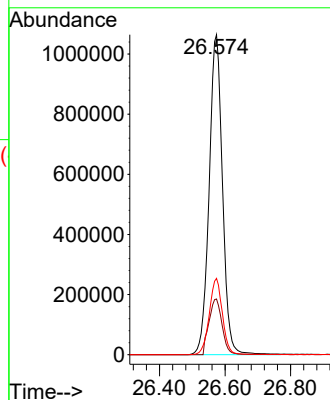
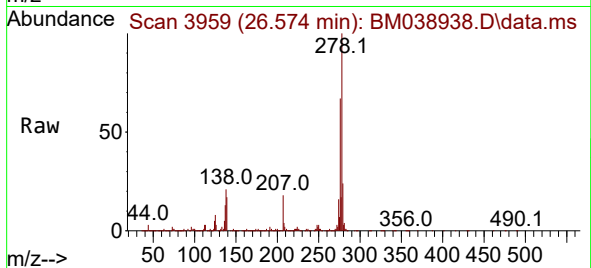
Tgt Ion:278 Resp: 3018131

Ion Ratio Lower Upper

278 100

139 17.4 13.7 20.5

279 23.9 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 48.926 ng

RT: 27.339 min Scan# 4089

Delta R.T. -0.006 min

Lab File: BM038938.D

Acq: 08 Mar 2023 20:54

Tgt Ion:276 Resp: 2835371

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 23.2 19.0 28.6

