

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
 Data File : BM038613.D
 Acq On : 31 Jan 2023 09:54
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 00:01:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 31 01:02:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	24298	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	85878	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	57911	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	134454	20.000	ng/ul	0.00
79) Chrysene-d12	21.503	240	180440	20.000	ng/ul	0.00
88) Perylene-d12	23.909	264	272370	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	5199	7.629	ng/uL	0.00
4) Pyridine-d5	3.763	84	33402	19.574	ng/ul	0.00
7) Phenol-d5	7.116	99	33143	20.435	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	20534	21.690	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	28691	21.331	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	25509	19.712	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	13448	20.659	ng/ul	0.00
24) 2-Nitrophenol-d4	9.845	143	16630	19.345	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	33508	17.612	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	36345	19.657	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	95163	19.893	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	109457	21.501	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	11021	16.654	ng/ul	0.00
60) Fluorene-d10	15.580	176	82886	19.375	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	21919	19.045	ng/ul	0.00
73) Anthracene-d10	17.427	188	135286	19.989	ng/ul	0.00
81) Pyrene-d10	19.715	212	158120	17.007	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	278258	19.904	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	6043	8.230	ng/uL	95
5) Pyridine	3.781	79	32966	18.812	ng/ul	96
6) Benzaldehyde	7.092	77	17111	22.881	ng/ul	97
8) Phenol	7.145	94	34002	20.939	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	24669	21.262	ng/ul	92
12) 2-Chlorophenol	7.516	128	29074	21.541	ng/ul	95
13) 2-Methylphenol	8.398	108	25875	20.972	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	27283	22.760	ng/ul	99
16) Acetophenone	8.786	105	47789	20.903	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.769	70	23546	22.410	ng/ul#	90
18) 4-Methylphenol	8.733	108	27747	21.188	ng/ul	94
19) Hexachloroethane	9.028	117	14813	21.759	ng/ul	94
22) Nitrobenzene	9.169	77	39909	20.370	ng/ul	94
23) Isophorone	9.692	82	60408	20.376	ng/ul	97
25) 2-Nitrophenol	9.880	139	16799	19.715	ng/ul	96
26) 2,4-Dimethylphenol	9.933	107	37680	20.358	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.175	93	32547	21.530	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	33275	18.402	ng/ul	94
30) Naphthalene	10.816	128	88781	20.836	ng/ul	98
32) 4-Chloroaniline	10.933	127	36679	19.770	ng/ul	100
33) Hexachlorobutadiene	11.086	225	33125	17.627	ng/ul	96
34) Caprolactam	11.722	113	6398	17.984	ng/ul	88
35) 4-Chloro-3-methylphenol	12.051	107	29784	20.851	ng/ul#	86
36) 2-Methylnaphthalene	12.416	142	68485	21.609	ng/ul	97

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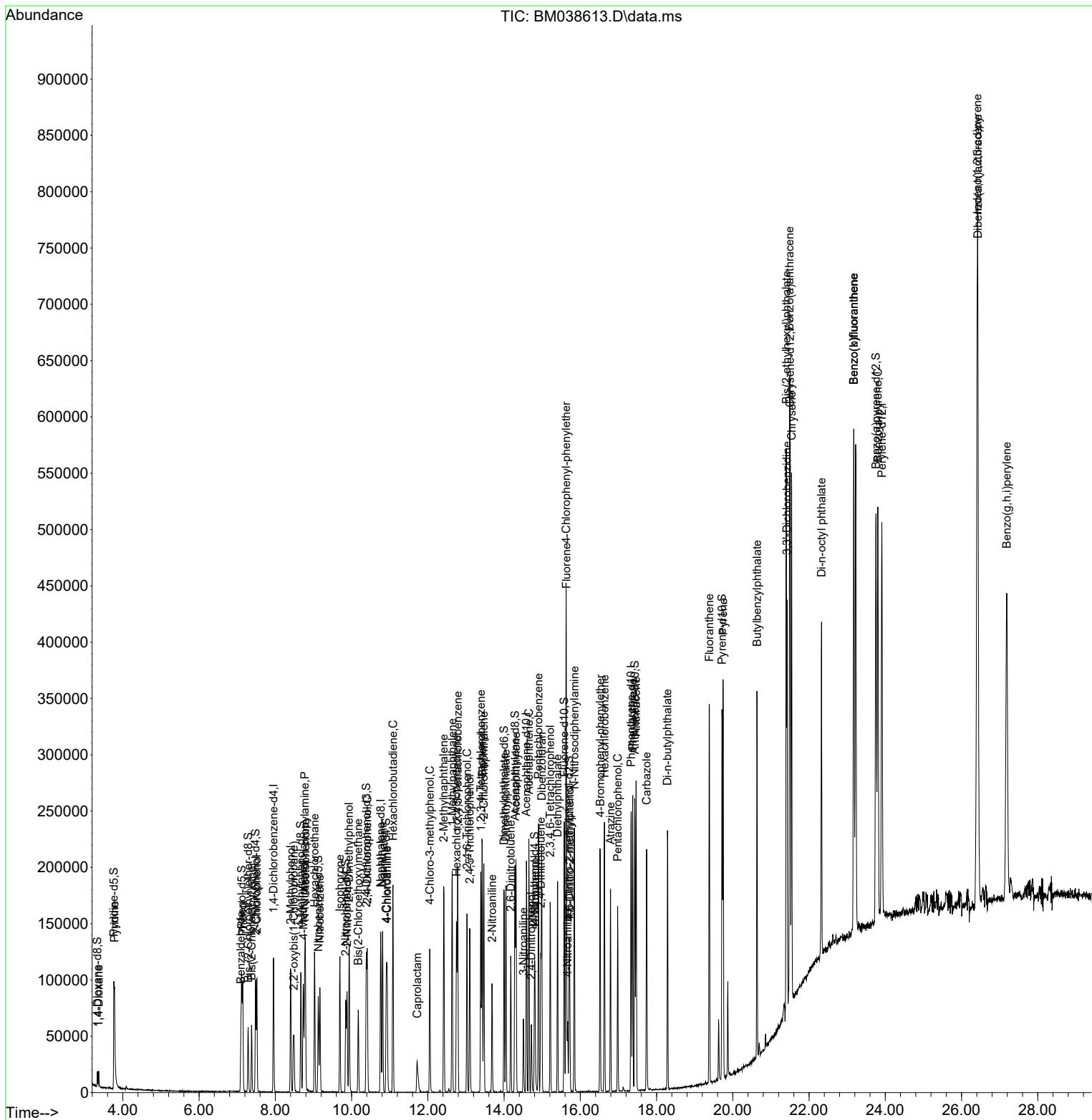
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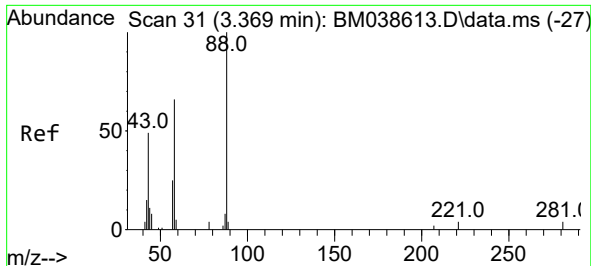
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	69872	21.358	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.786	216	51310	17.999	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	38337	18.846	ng/ul	99
41) 2,4,6-Trichlorophenol	13.027	196	30952	17.834	ng/ul	92
42) 2,4,5-Trichlorophenol	13.098	196	31434	16.959	ng/ul	89
43) 1,1'-Biphenyl	13.427	154	99047	22.243	ng/ul	99
44) 2-Chloronaphthalene	13.468	162	78629	21.256	ng/ul	98
45) 2-Nitroaniline	13.686	65	22771	23.014	ng/ul	93
47) Dimethylphthalate	14.045	163	93650	19.895	ng/ul	99
48) 2,6-Dinitrotoluene	14.174	165	17214	19.746	ng/ul	91
50) Acenaphthylene	14.310	152	116876	22.959	ng/ul	99
51) 3-Nitroaniline	14.510	138	12194	19.432	ng/ul	95
52) Acenaphthene	14.651	153	77232	20.382	ng/ul	98
53) 2,4-Dinitrophenol	14.715	184	11082	15.813	ng/ul	90
55) 4-Nitrophenol	14.810	109	20547	18.507	ng/ul	96
56) Dibenzofuran	14.986	168	107665	19.104	ng/ul	98
57) 2,4-Dinitrotoluene	14.962	165	24694	19.218	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.210	232	31102	19.165	ng/ul	98
59) Diethylphthalate	15.404	149	85252	19.319	ng/ul	97
61) Fluorene	15.633	166	92084	19.401	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.627	204	64342	19.266	ng/ul	91
63) 4-Nitroaniline	15.668	138	9194	17.771	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.721	198	20238	18.633	ng/ul#	96
67) N-Nitrosodiphenylamine	15.845	169	78480	20.703	ng/ul	98
68) 4-Bromophenyl-phenylether	16.521	248	37950	20.032	ng/ul	94
69) Hexachlorobenzene	16.633	284	44061	19.923	ng/ul	91
70) Atrazine	16.792	200	37639	19.789	ng/ul	97
71) Pentachlorophenol	16.980	266	26702	18.875	ng/ul	90
72) Phenanthrene	17.374	178	138845	19.760	ng/ul	99
74) Anthracene	17.462	178	147303	20.020	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	46500	17.993	ng/ul	99
76) Pentachlorobenzene	14.904	250	53296	19.819	ng/ul	97
77) Carbazole	17.739	167	116626	18.261	ng/ul	99
78) Di-n-butylphthalate	18.286	149	141158	22.844	ng/ul	99
80) Fluoranthene	19.386	202	181836	16.873	ng/ul#	98
82) Pyrene	19.744	202	193882	16.953	ng/ul#	95
83) Butylbenzylphthalate	20.633	149	76411	23.163	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.421	252	83723	18.887	ng/ul#	97
85) Benzo(a)anthracene	21.491	228	246876	19.314	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.403	149	152615	32.513	ng/ul#	94
87) Chrysene	21.544	228	237027	20.034	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	180332	15.633	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	331346	19.677	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	331346	19.741	ng/ul	98
93) Benzo(a)pyrene	23.803	252	307675	19.730	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	470125	19.073	ng/ul#	97
95) Dibenzo(a,h)anthracene	26.426	278	397200	18.986	ng/ul#	97
96) Benzo(g,h,i)perylene	27.185	276	396751	19.831	ng/ul	99

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

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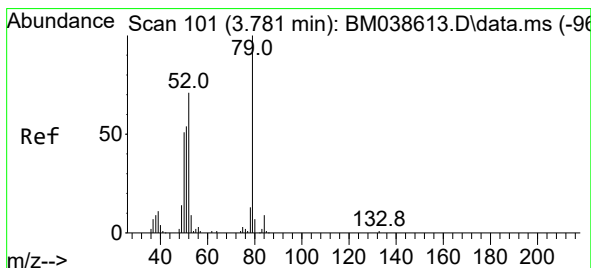
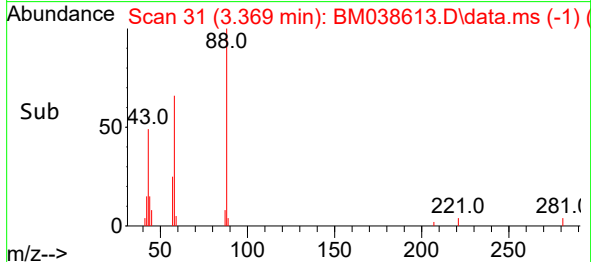
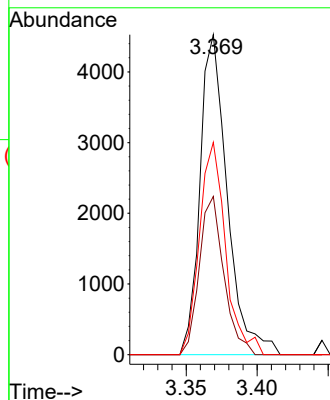
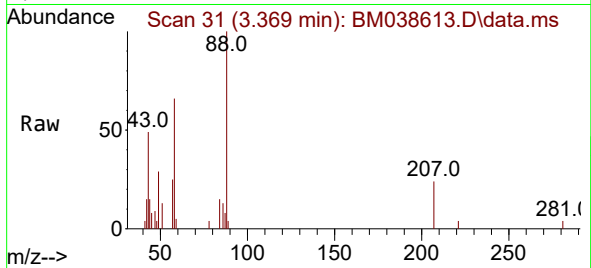




#2
1,4-Dioxane
Concen: 8.230 ng/uL
RT: 3.369 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

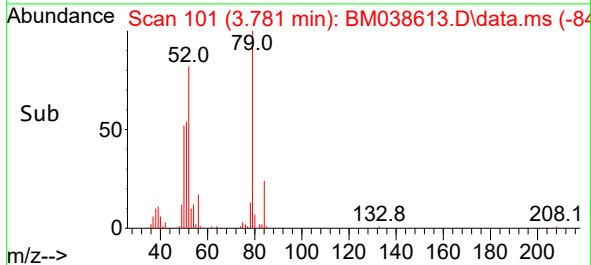
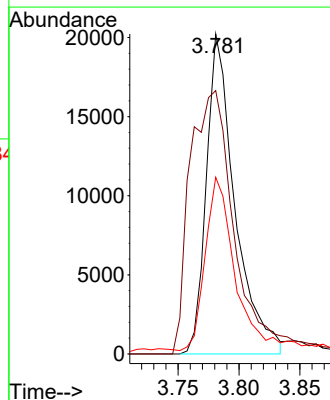
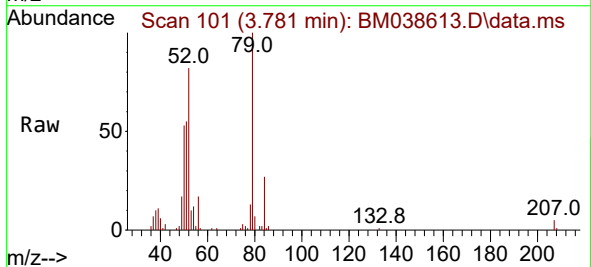
Instrument :
BNA_M
ClientSampleId :

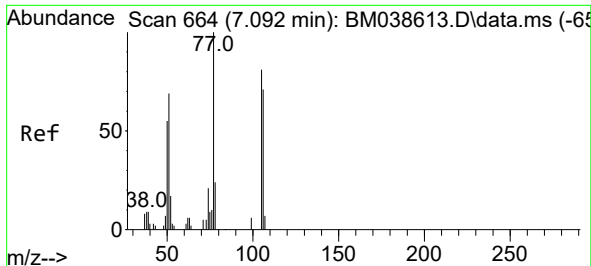
Tgt Ion: 88 Resp: 6043
Ion Ratio Lower Upper
88 100
43 49.5 33.8 50.8
58 66.4 52.1 78.1



#5
Pyridine
Concen: 18.812 ng/uL
RT: 3.781 min Scan# 101
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion: 79 Resp: 32966
Ion Ratio Lower Upper
79 100
52 82.3 67.4 101.0
51 55.2 40.7 61.1

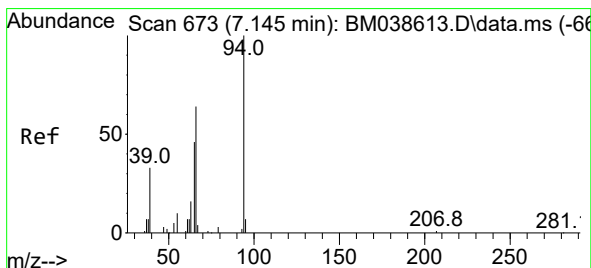
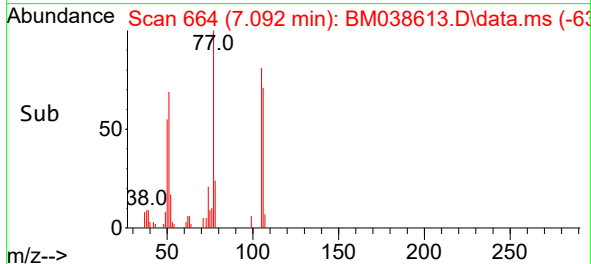
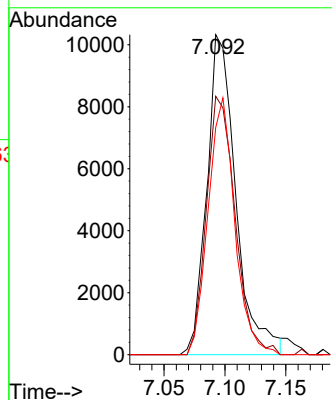
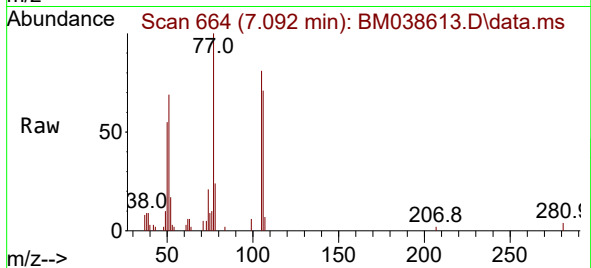




#6
Benzaldehyde
Concen: 22.881 ng/ul
RT: 7.092 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

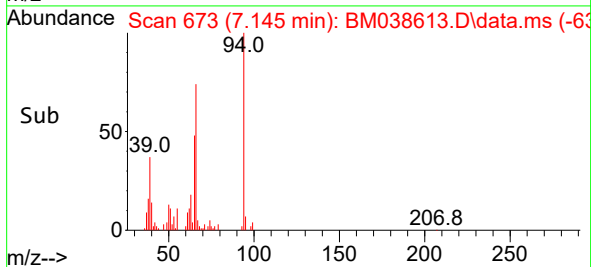
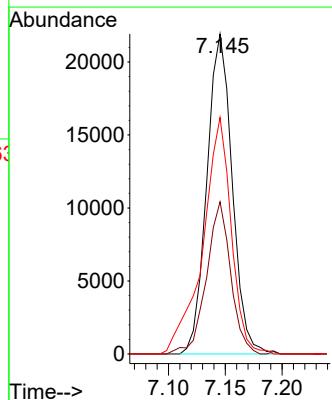
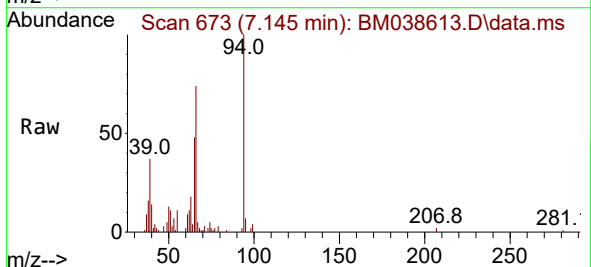
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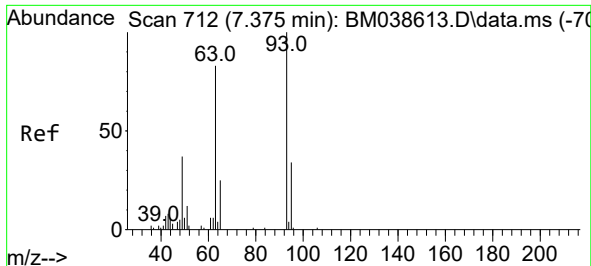
Tgt Ion: 77 Resp: 17111
Ion Ratio Lower Upper
77 100
105 80.8 68.3 102.5
106 71.0 57.7 86.5



#8
Phenol
Concen: 20.939 ng/ul
RT: 7.145 min Scan# 673
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion: 94 Resp: 34002
Ion Ratio Lower Upper
94 100
65 47.5 38.2 57.2
66 73.9 57.9 86.9

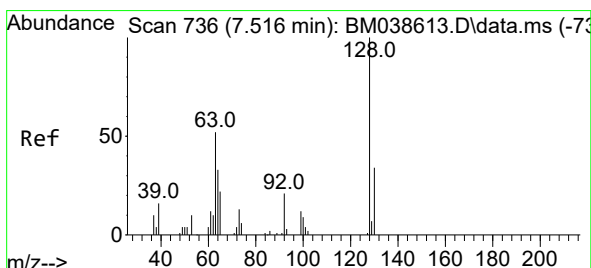
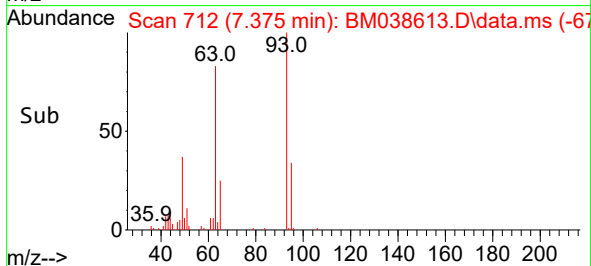
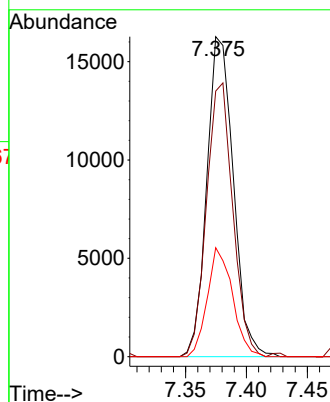
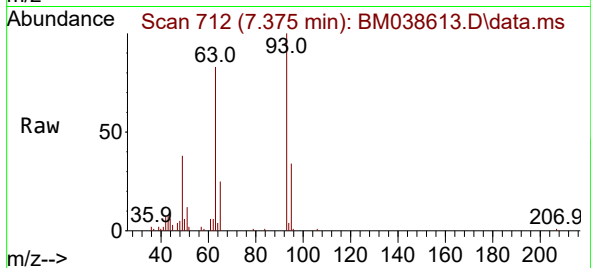




#10
Bis(2-Chloroethyl)ether
Concen: 21.262 ng/ul
RT: 7.375 min Scan# 712
Delta R.T. -0.006 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

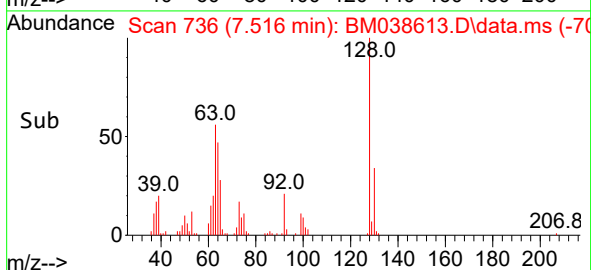
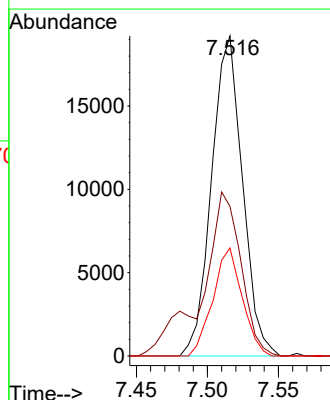
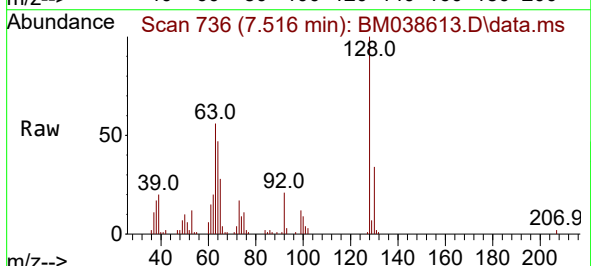
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ClientSampleId :

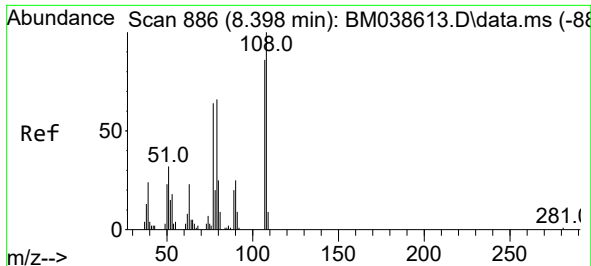
Tgt Ion: 93 Resp: 24669
Ion Ratio Lower Upper
93 100
63 83.0 73.9 110.9
95 34.0 28.0 42.0



#12
2-Chlorophenol
Concen: 21.541 ng/ul
RT: 7.516 min Scan# 736
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion: 128 Resp: 29074
Ion Ratio Lower Upper
128 100
64 46.8 40.0 60.0
130 33.8 24.4 36.6

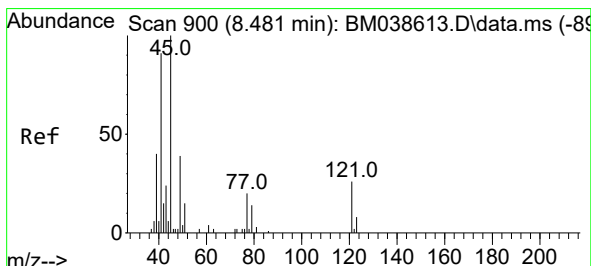
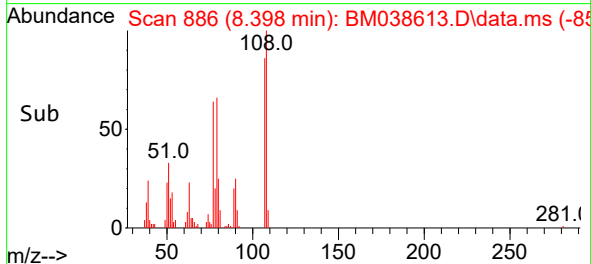
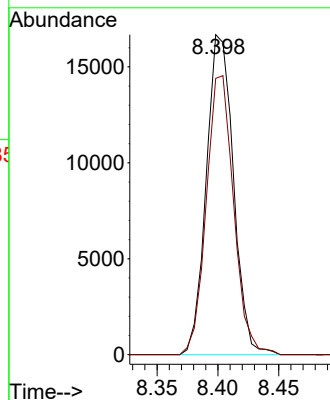
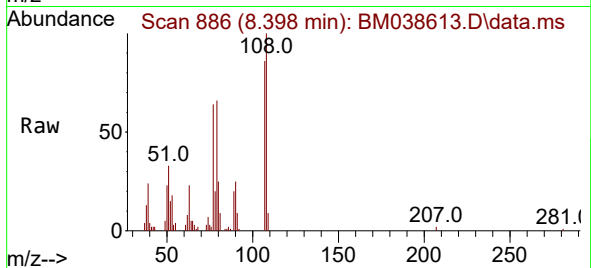




#13
2-Methylphenol
Concen: 20.972 ng/ul
RT: 8.398 min Scan# 886
Delta R.T. -0.006 min
Lab File: BM038613.D
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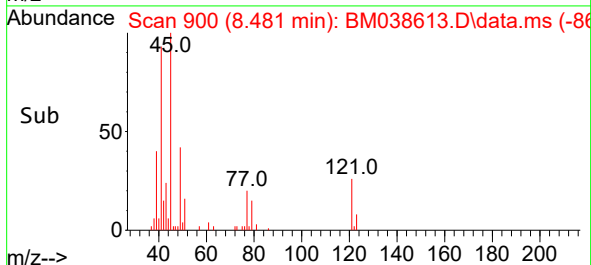
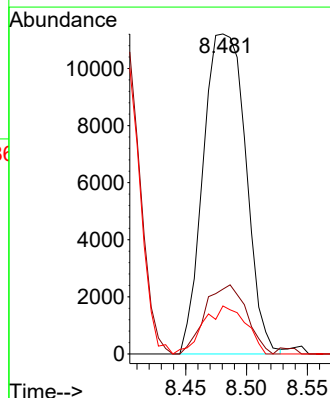
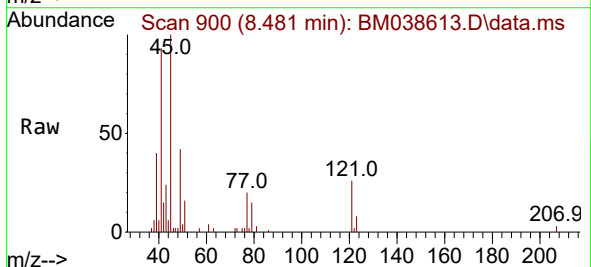
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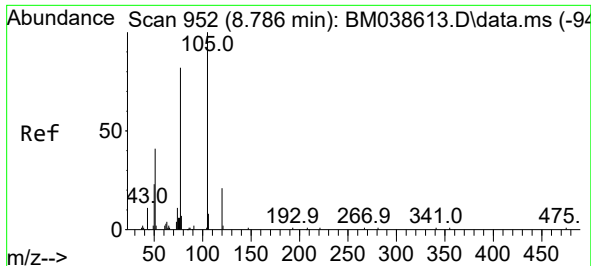
Tgt Ion:108 Resp: 25875
Ion Ratio Lower Upper
108 100
107 86.4 66.6 100.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 22.760 ng/ul
RT: 8.481 min Scan# 900
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion: 45 Resp: 27283
Ion Ratio Lower Upper
45 100
77 20.3 16.9 25.3
79 15.0 11.8 17.6

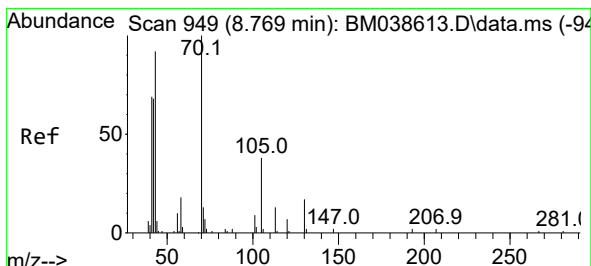
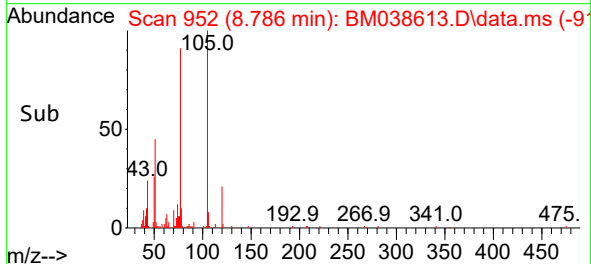
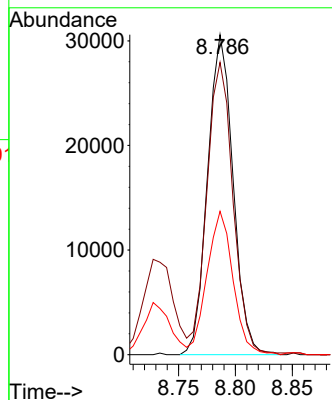
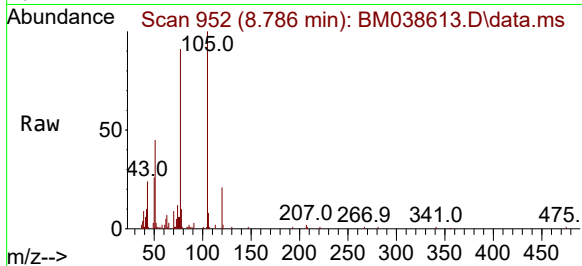




#16
Acetophenone
Concen: 20.903 ng/ul
RT: 8.786 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

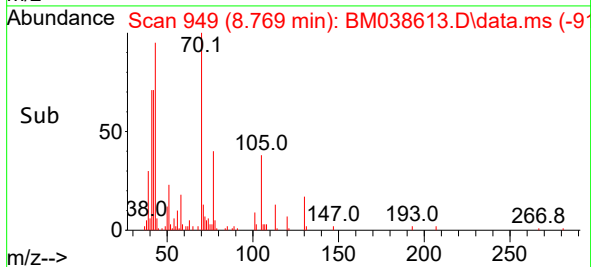
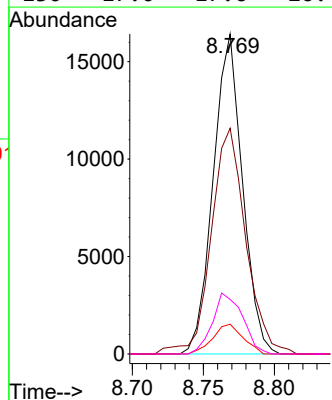
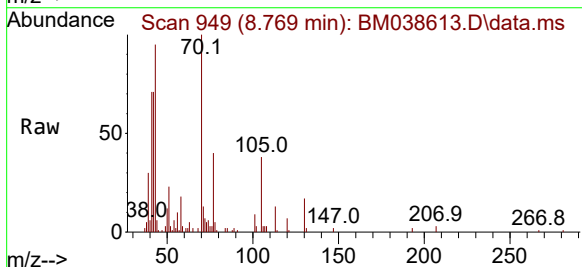
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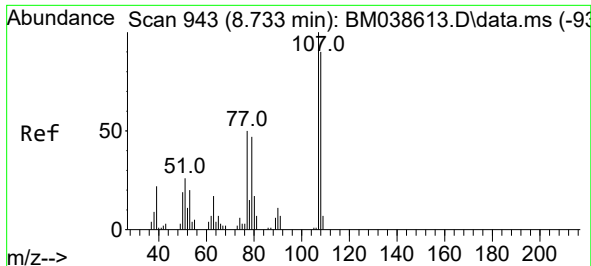
Tgt Ion:105 Resp: 47789
Ion Ratio Lower Upper
105 100
77 91.4 78.6 117.8
51 44.8 37.2 55.8



#17
N-Nitroso-di-n-propylamine
Concen: 22.410 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion: 70 Resp: 23546
Ion Ratio Lower Upper
70 100
42 70.5 63.6 95.4
101 9.3 6.3 9.5
130 17.0 17.6 26.4#

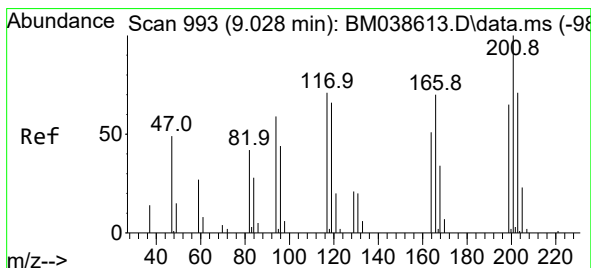
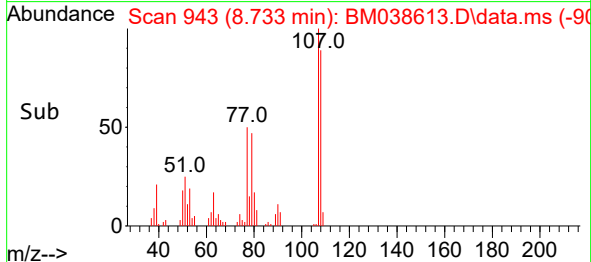
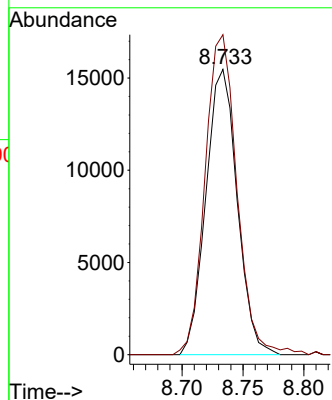
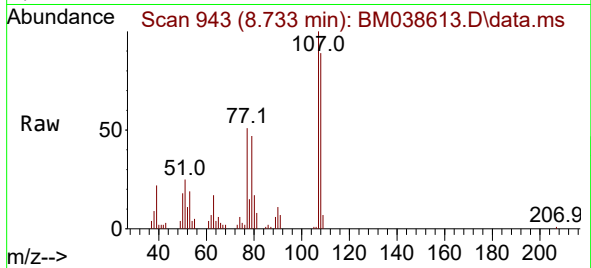




#18
4-Methylphenol
Concen: 21.188 ng/ul
RT: 8.733 min Scan# 943
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

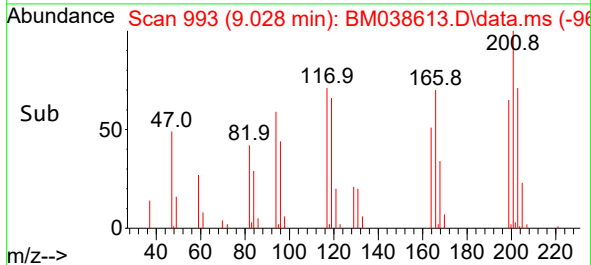
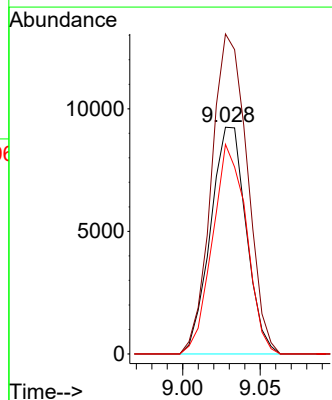
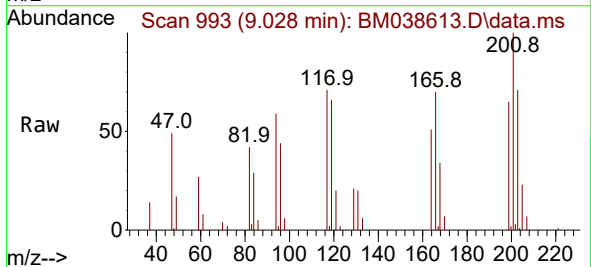
Instrument :
BNA_M
ClientSampleId :

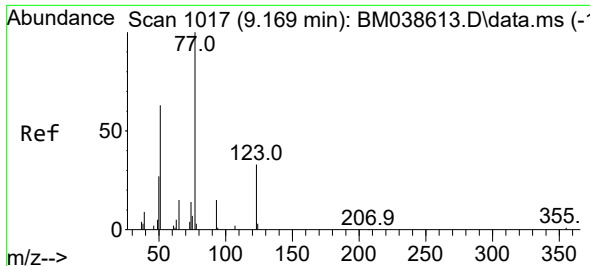
Tgt Ion:108 Resp: 27747
Ion Ratio Lower Upper
108 100
107 112.1 95.1 142.7



#19
Hexachloroethane
Concen: 21.759 ng/ul
RT: 9.028 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion:117 Resp: 14813
Ion Ratio Lower Upper
117 100
201 144.7 124.4 186.6
199 92.4 76.3 114.5

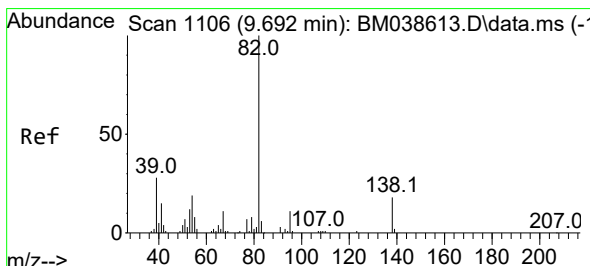
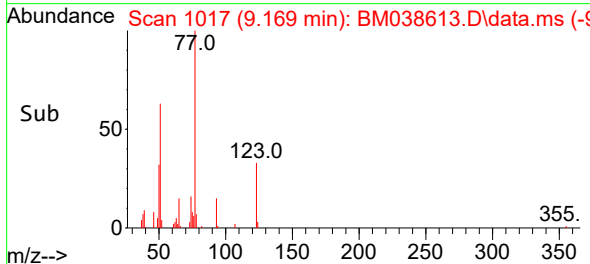
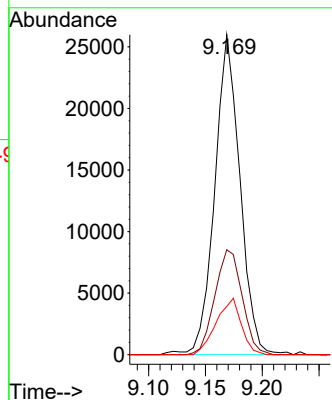
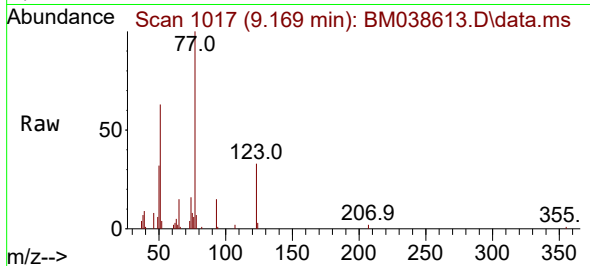




#22
Nitrobenzene
Concen: 20.370 ng/ul
RT: 9.169 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

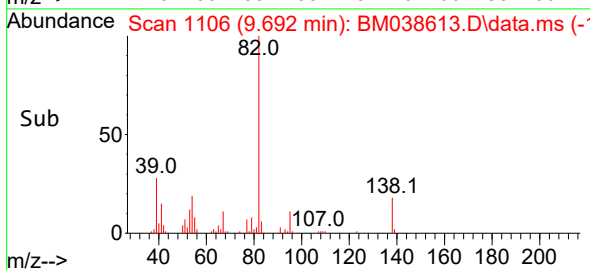
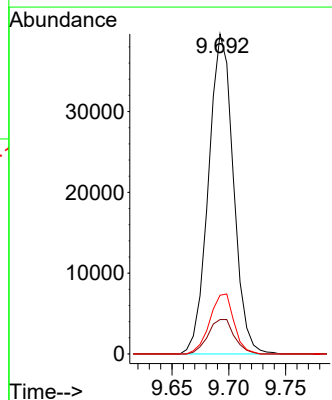
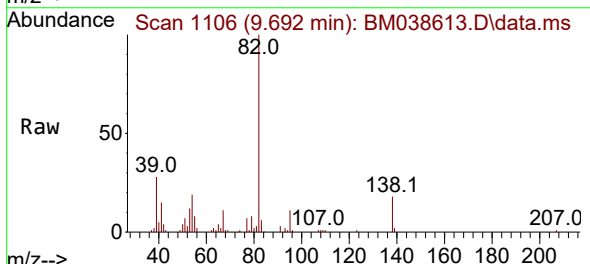
Instrument :
BNA_M
ClientSampleId :

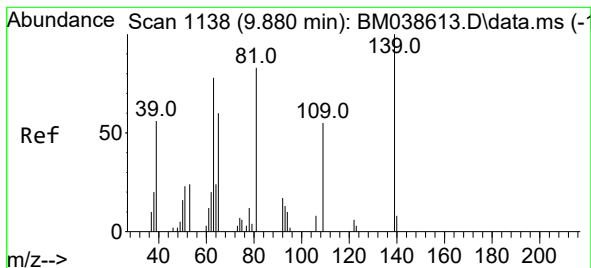
Tgt Ion: 77 Resp: 39909
Ion Ratio Lower Upper
77 100
123 32.8 29.5 44.3
65 15.1 13.6 20.4



#23
Isophorone
Concen: 20.376 ng/ul
RT: 9.692 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion: 82 Resp: 60408
Ion Ratio Lower Upper
82 100
95 10.8 9.3 13.9
138 18.3 13.4 20.0

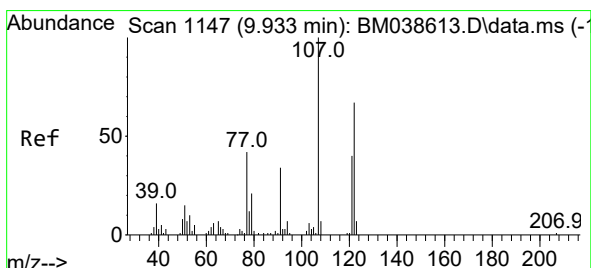
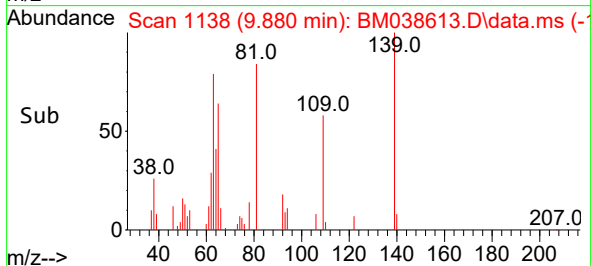
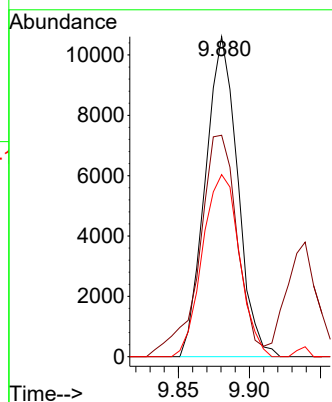
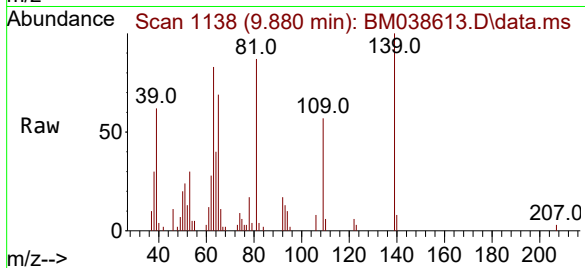




#25
2-Nitrophenol
Concen: 19.715 ng/ul
RT: 9.880 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

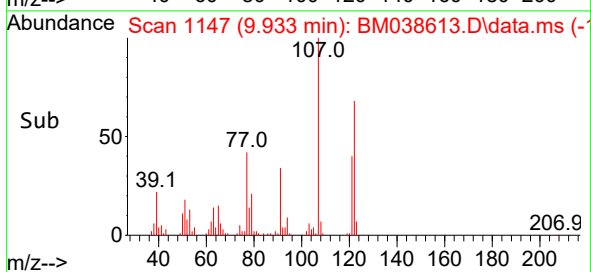
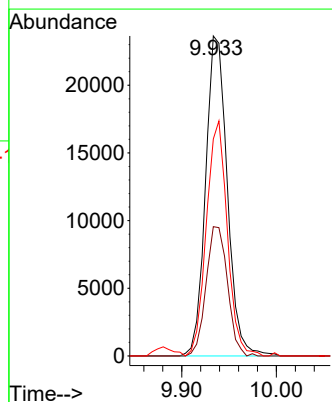
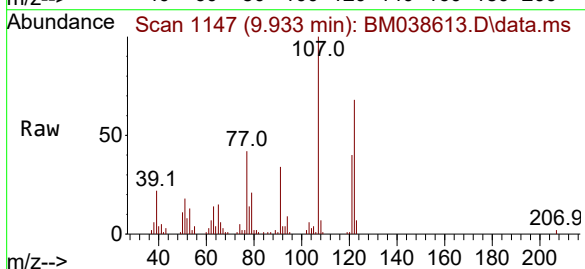
Instrument :
BNA_M
ClientSampleId :

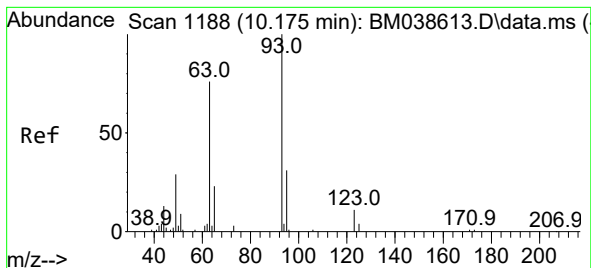
Tgt Ion:139 Resp: 16799
Ion Ratio Lower Upper
139 100
65 69.2 58.6 87.8
109 56.9 46.8 70.2



#26
2,4-Dimethylphenol
Concen: 20.358 ng/ul
RT: 9.933 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion:107 Resp: 37680
Ion Ratio Lower Upper
107 100
121 40.4 32.6 48.8
122 67.8 54.8 82.2





#27

Bis(2-Chloroethoxy)methane

Concen: 21.530 ng/ul

RT: 10.175 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Instrument :

BNA_M

ClientSampleId :

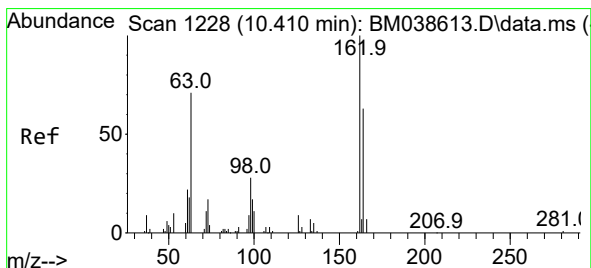
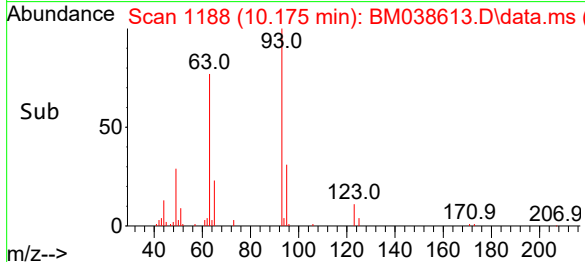
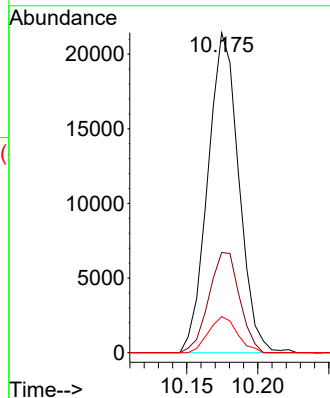
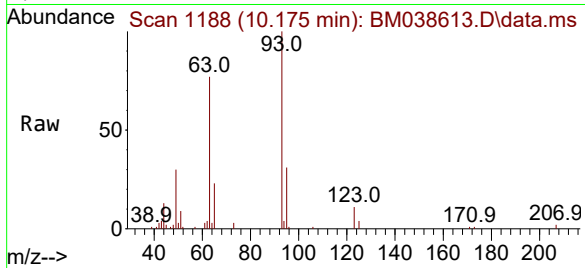
Tgt Ion: 93 Resp: 32547

Ion Ratio Lower Upper

93 100

95 31.3 25.3 37.9

123 11.3 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 18.402 ng/ul

RT: 10.410 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

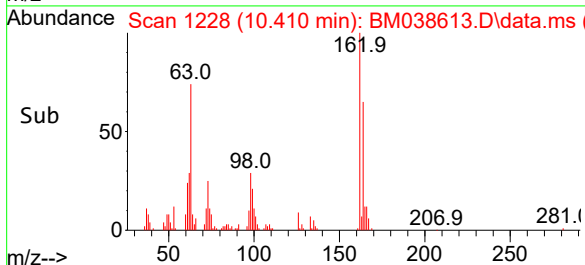
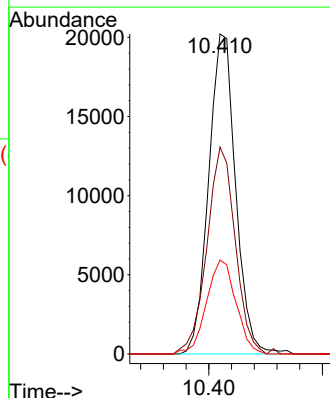
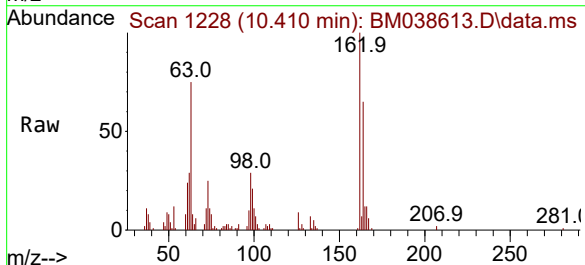
Tgt Ion:162 Resp: 33275

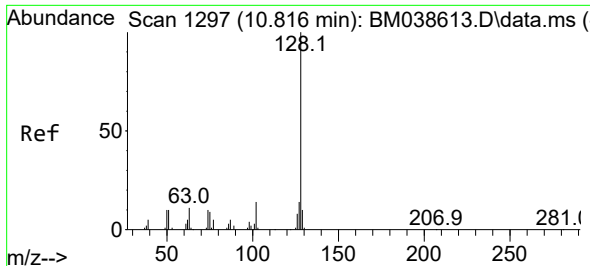
Ion Ratio Lower Upper

162 100

164 64.6 56.3 84.5

98 29.4 24.6 37.0

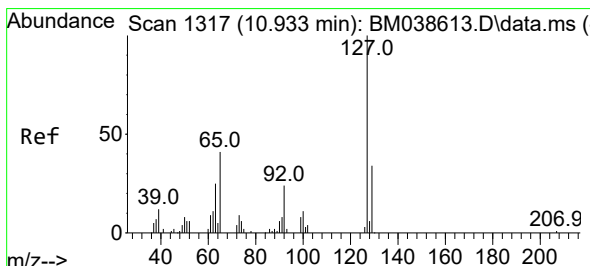
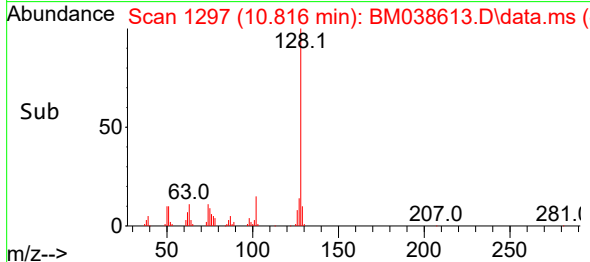
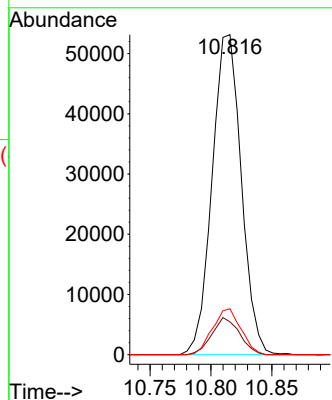
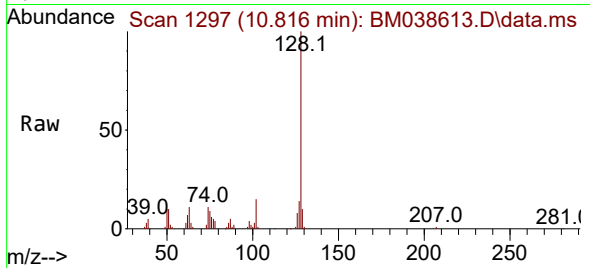




#30
Naphthalene
Concen: 20.836 ng/ul
RT: 10.816 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

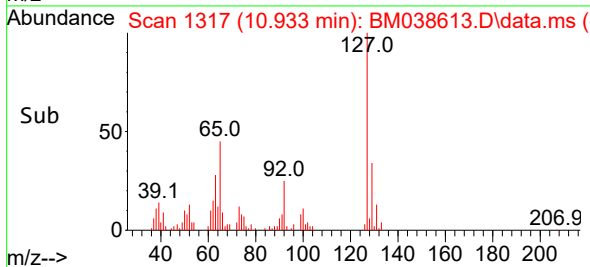
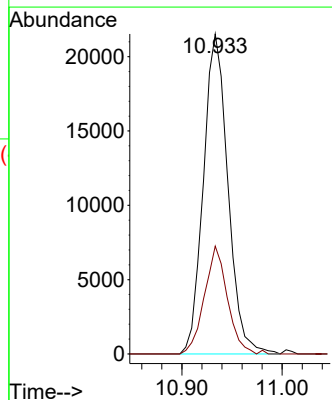
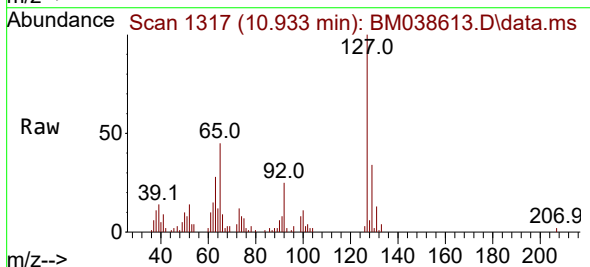
Instrument :
BNA_M
ClientSampleId :

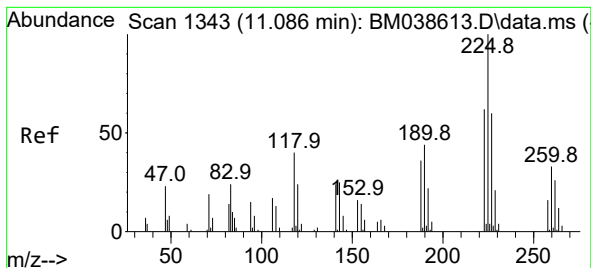
Tgt Ion:128 Resp: 88781
Ion Ratio Lower Upper
128 100
129 10.3 8.0 12.0
127 14.4 10.5 15.7



#32
4-Chloroaniline
Concen: 19.770 ng/ul
RT: 10.933 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion:127 Resp: 36679
Ion Ratio Lower Upper
127 100
129 33.7 26.9 40.3

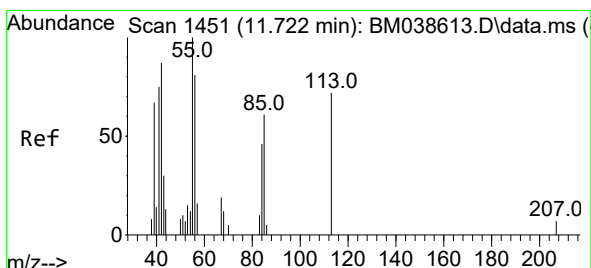
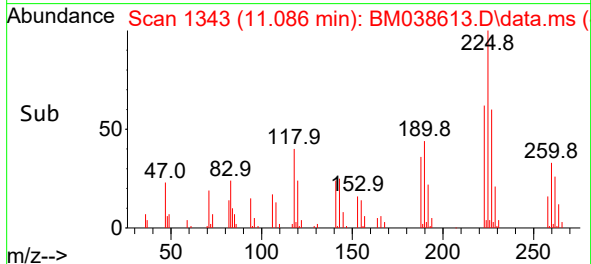
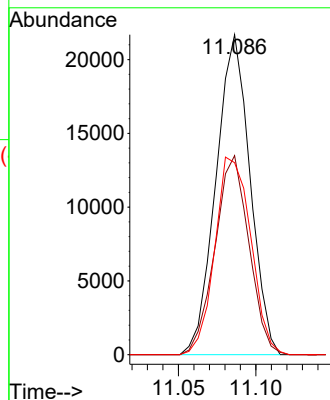
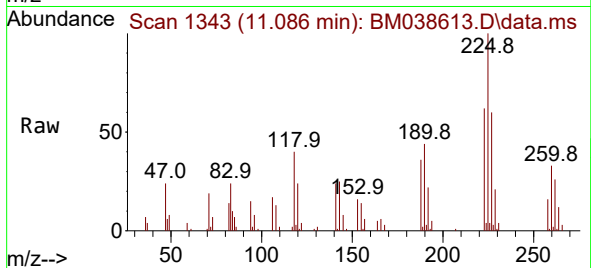




#33
Hexachlorobutadiene
Concen: 17.627 ng/ul
RT: 11.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

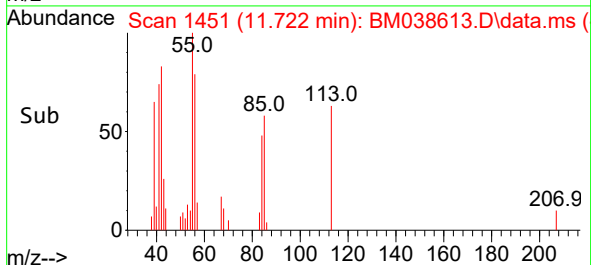
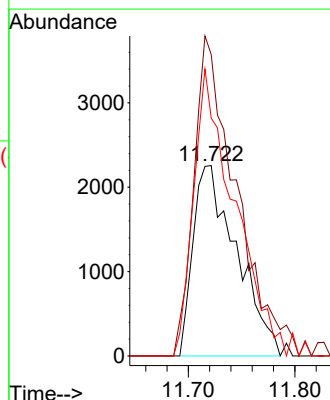
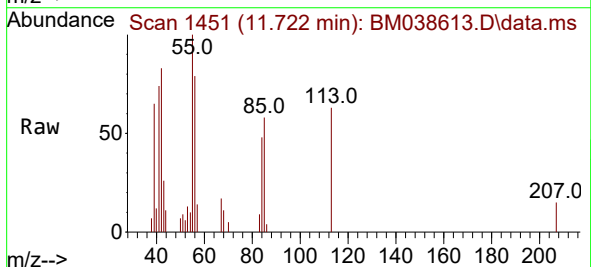
Instrument :
BNA_M
ClientSampleId :

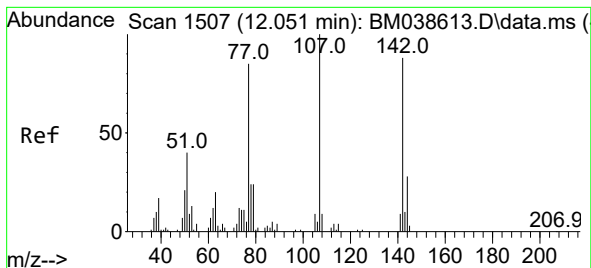
Tgt Ion:225 Resp: 33125
Ion Ratio Lower Upper
225 100
223 62.2 48.0 72.0
227 62.5 53.6 80.4



#34
Caprolactam
Concen: 17.984 ng/ul
RT: 11.722 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion:113 Resp: 6398
Ion Ratio Lower Upper
113 100
55 158.3 107.6 161.4
56 124.9 96.5 144.7

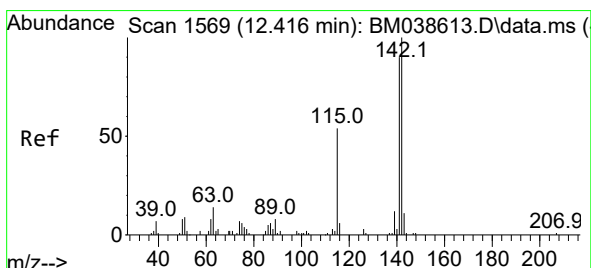
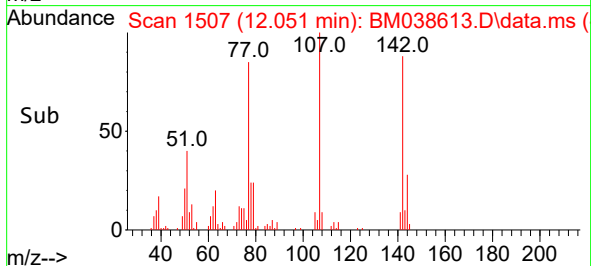
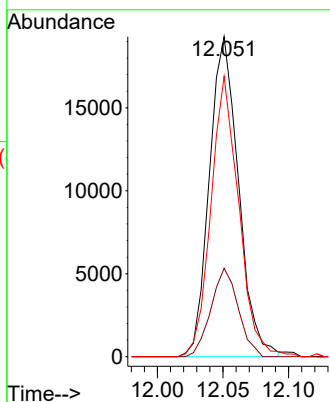
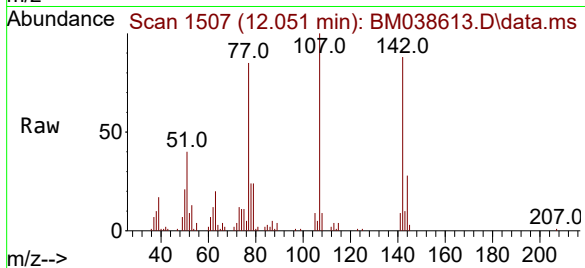




#35
4-Chloro-3-methylphenol
Concen: 20.851 ng/ul
RT: 12.051 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

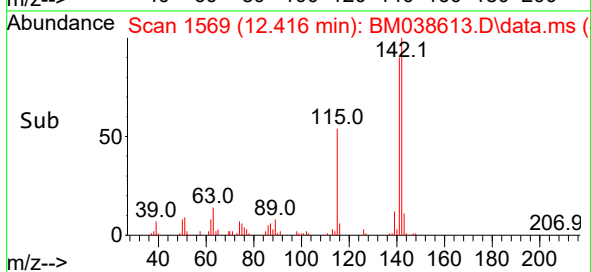
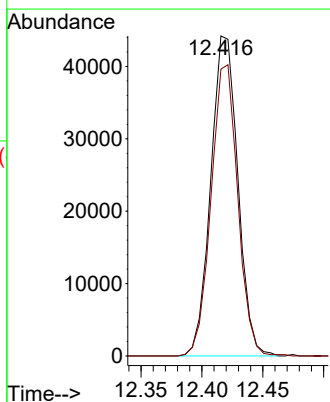
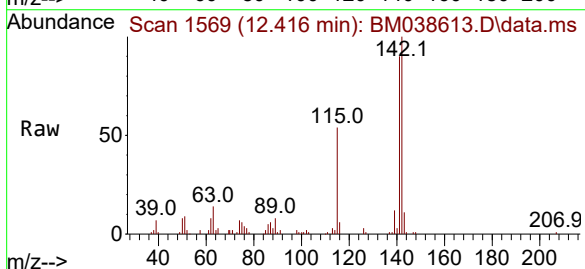
Instrument :
BNA_M
ClientSampleId :

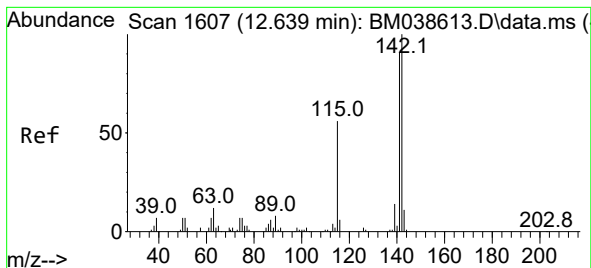
Tgt Ion:107 Resp: 29784
Ion Ratio Lower Upper
107 100
144 27.7 18.1 27.1#
142 87.6 60.2 90.4



#36
2-Methylnaphthalene
Concen: 21.609 ng/ul
RT: 12.416 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion:142 Resp: 68485
Ion Ratio Lower Upper
142 100
141 89.7 73.7 110.5





#37

1-Methylnaphthalene

Concen: 21.358 ng/ul

RT: 12.639 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Instrument :

BNA_M

ClientSampleId :

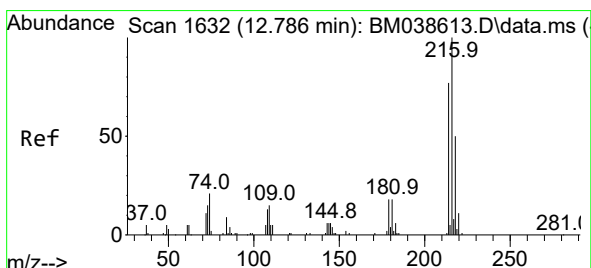
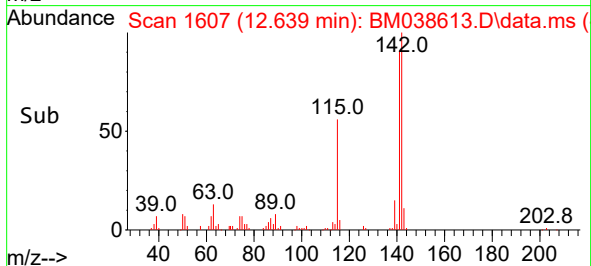
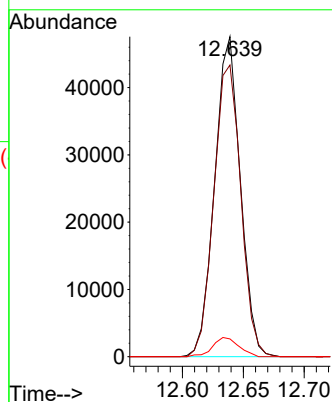
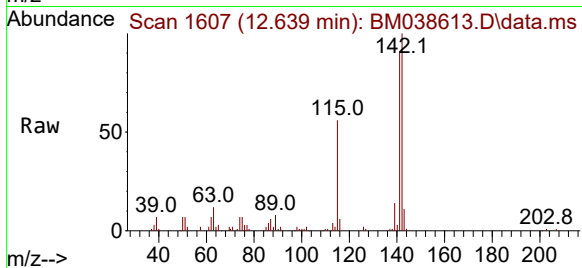
Tgt Ion:142 Resp: 69872

Ion Ratio Lower Upper

142 100

141 91.2 75.2 112.8

116 5.6 5.0 7.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 17.999 ng/ul

RT: 12.786 min Scan# 1632

Delta R.T. -0.000 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Tgt Ion:216 Resp: 51310

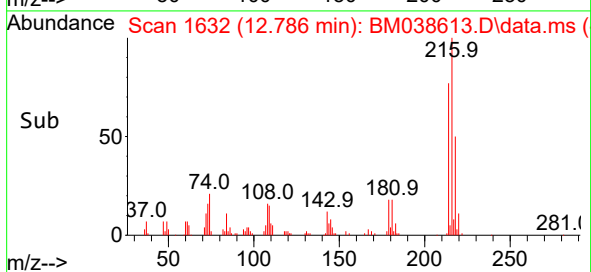
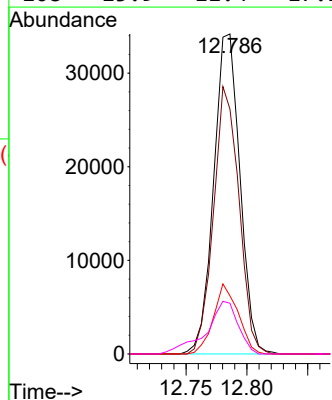
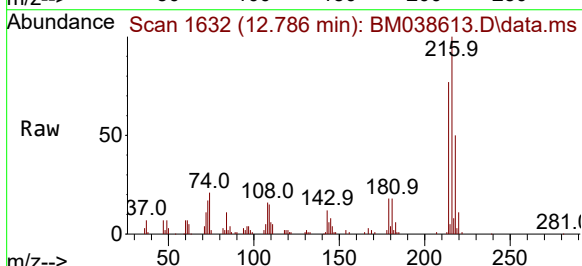
Ion Ratio Lower Upper

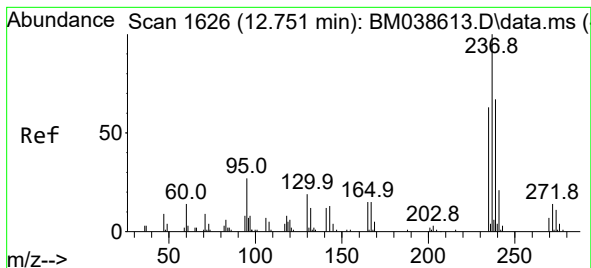
216 100

214 76.5 61.1 91.7

179 18.2 17.0 25.4

108 15.9 11.4 17.2





#40

Hexachlorocyclopentadiene

Concen: 18.846 ng/ul

RT: 12.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Instrument :

BNA_M

ClientSampleId :

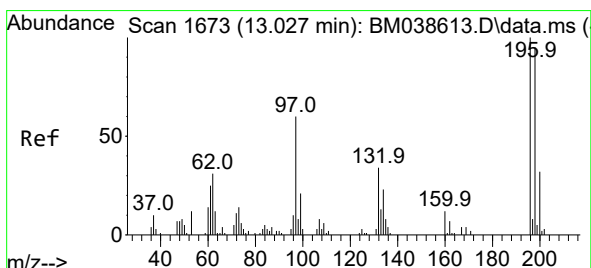
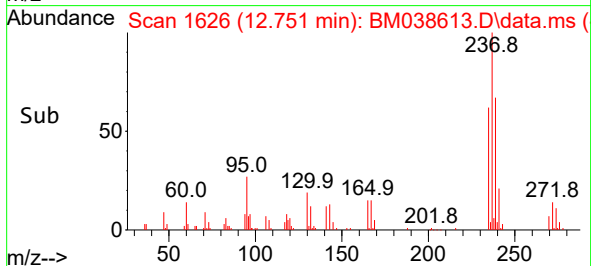
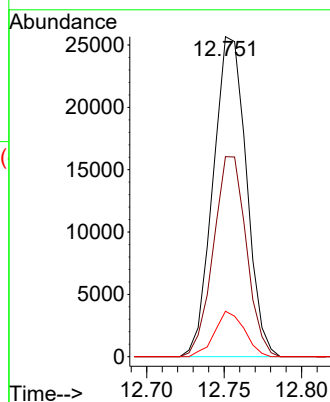
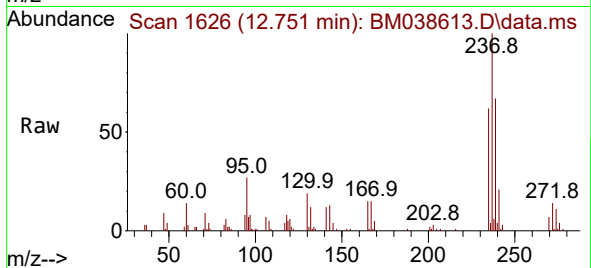
Tgt Ion:237 Resp: 38337

Ion Ratio Lower Upper

237 100

235 62.5 49.2 73.8

272 14.2 11.0 16.6



#41

2,4,6-Trichlorophenol

Concen: 17.834 ng/ul

RT: 13.027 min Scan# 1673

Delta R.T. -0.006 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

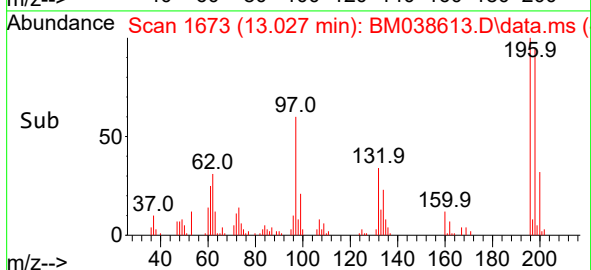
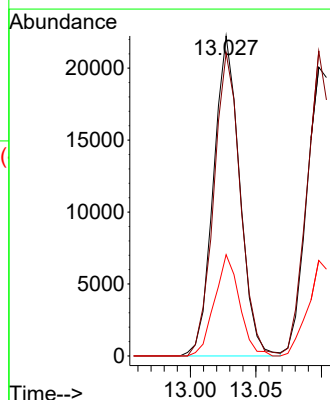
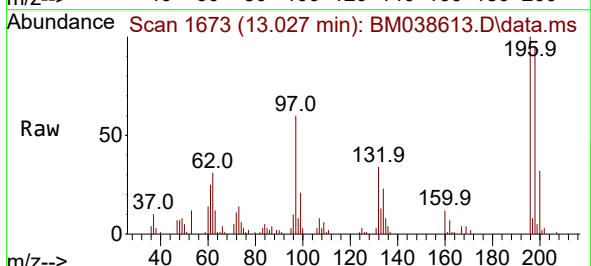
Tgt Ion:196 Resp: 30952

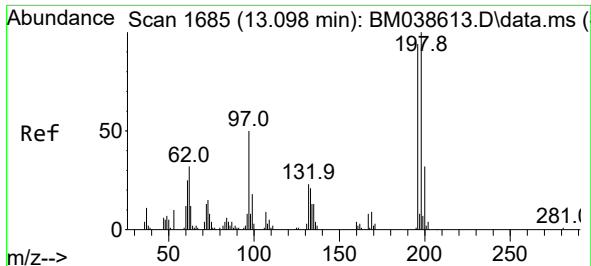
Ion Ratio Lower Upper

196 100

198 94.6 83.6 125.4

200 31.6 27.5 41.3

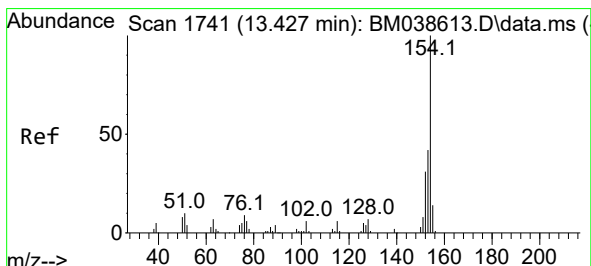
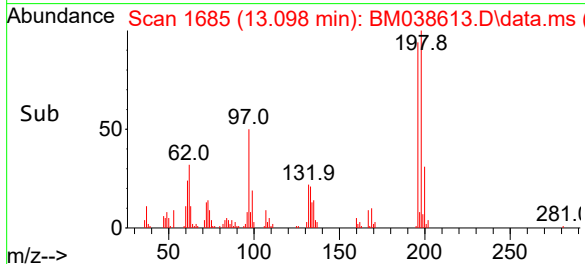
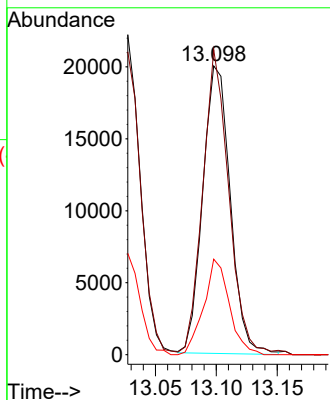
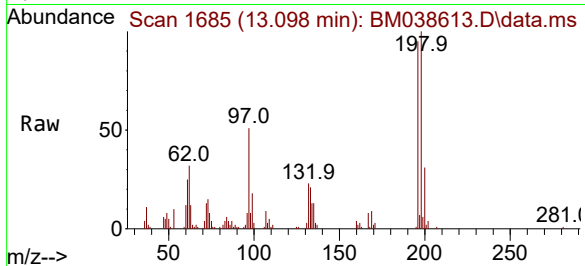




#42
2,4,5-Trichlorophenol
Concen: 16.959 ng/ul
RT: 13.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

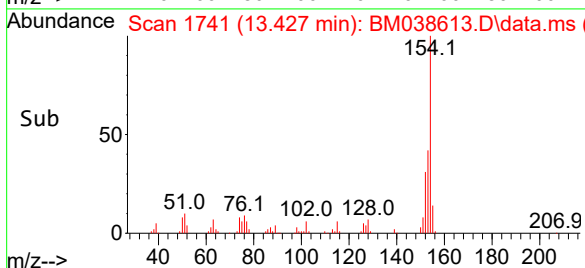
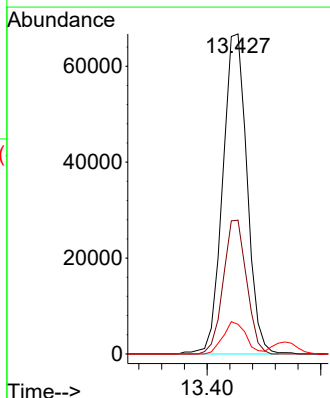
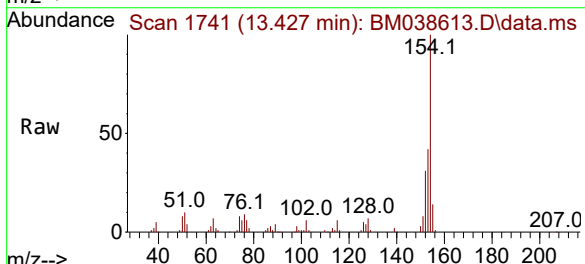
Instrument :
BNA_M
ClientSampleId :

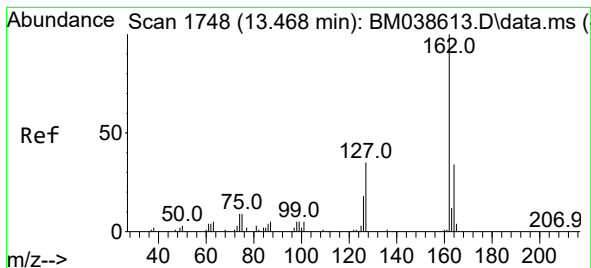
Tgt Ion:196 Resp: 31434
Ion Ratio Lower Upper
196 100
198 105.6 73.2 109.8
200 33.1 25.8 38.8



#43
1,1'-Biphenyl
Concen: 22.243 ng/ul
RT: 13.427 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion:154 Resp: 99047
Ion Ratio Lower Upper
154 100
153 41.8 33.2 49.8
76 9.2 6.7 10.1





#44

2-Chloronaphthalene

Concen: 21.256 ng/ul

RT: 13.468 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Instrument :

BNA_M

ClientSampleId :

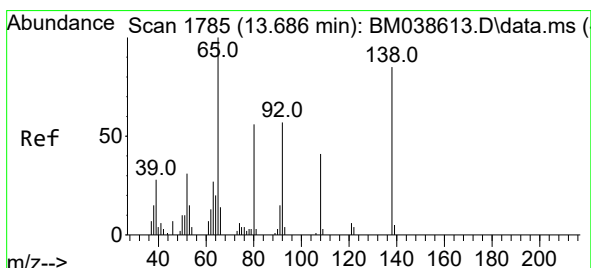
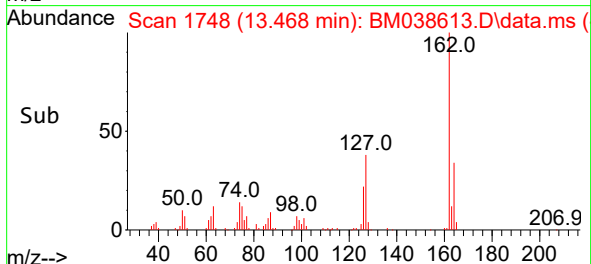
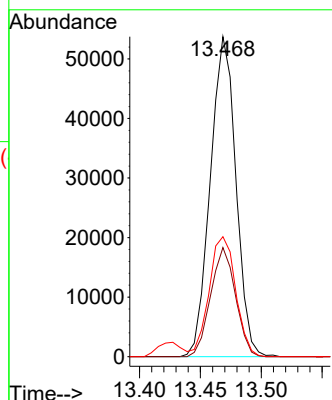
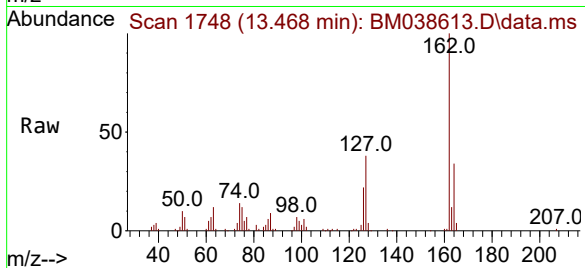
Tgt Ion:162 Resp: 78629

Ion Ratio Lower Upper

162 100

164 34.1 26.6 40.0

127 37.5 31.6 47.4



#45

2-Nitroaniline

Concen: 23.014 ng/ul

RT: 13.686 min Scan# 1785

Delta R.T. -0.000 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

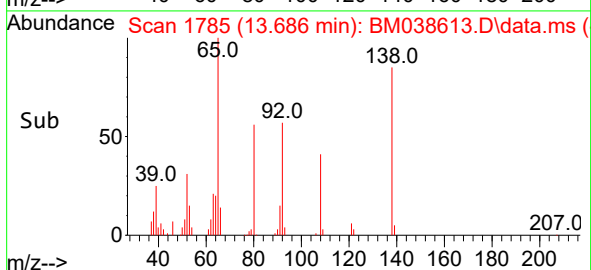
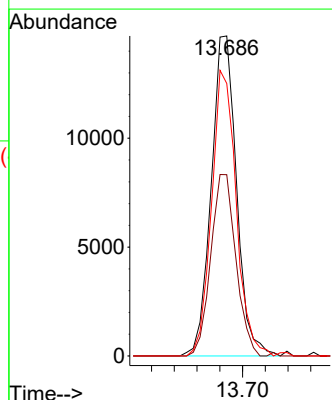
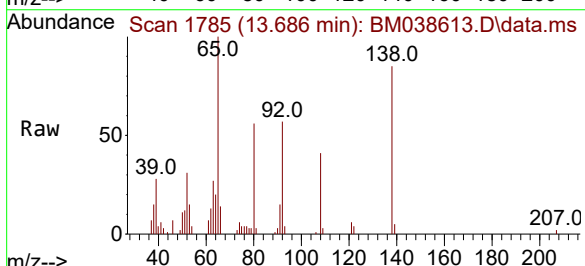
Tgt Ion: 65 Resp: 22771

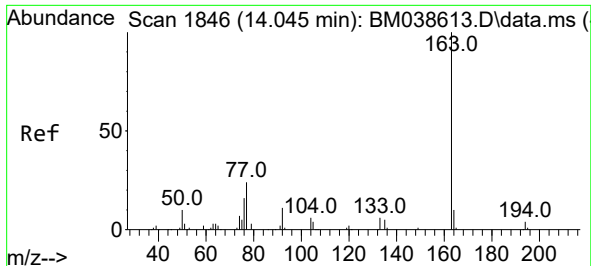
Ion Ratio Lower Upper

65 100

92 56.6 41.5 62.3

138 85.2 63.3 94.9

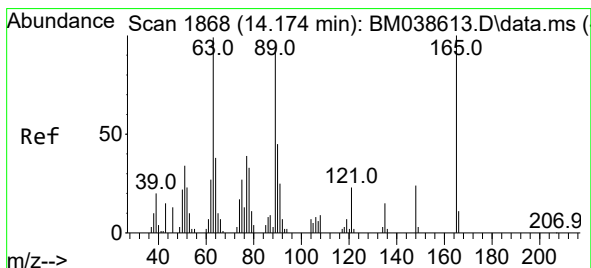
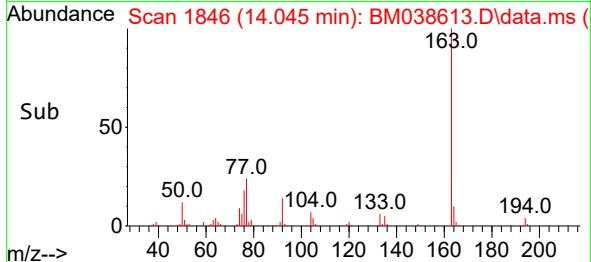
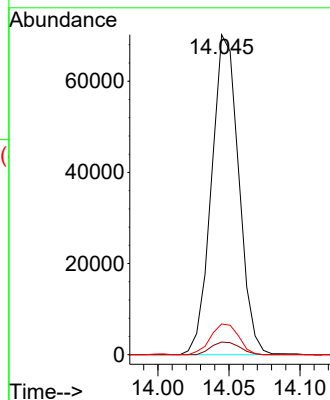
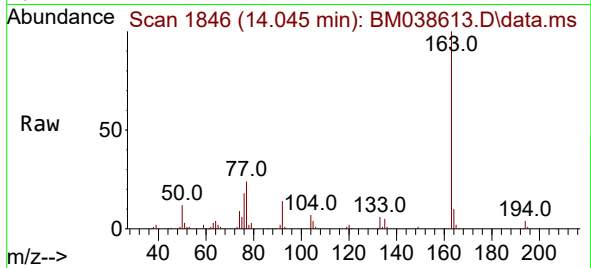




#47
Dimethylphthalate
Concen: 19.895 ng/ul
RT: 14.045 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

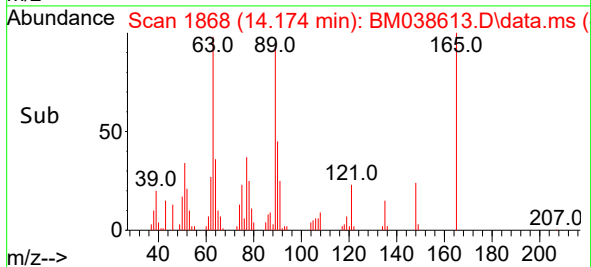
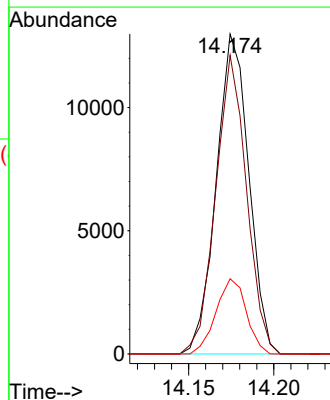
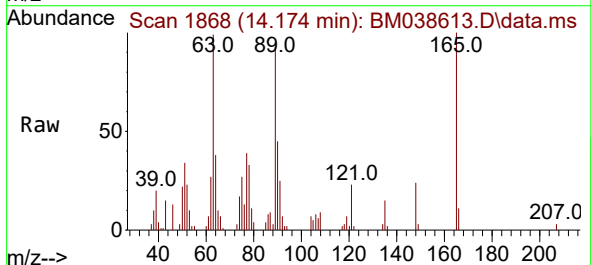
Instrument :
BNA_M
ClientSampleId :

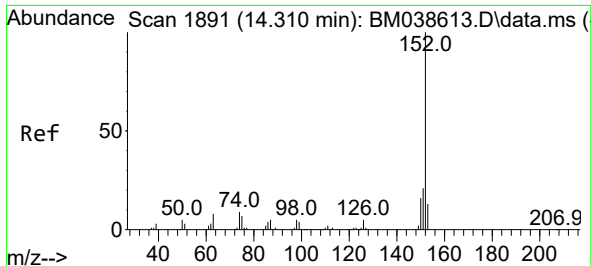
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.6	8.0	12.0



#48
2,6-Dinitrotoluene
Concen: 19.746 ng/ul
RT: 14.174 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

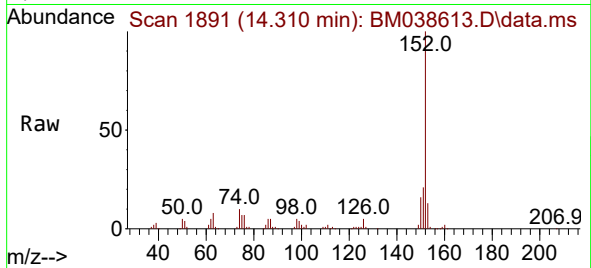
Tgt Ion	Ratio	Lower	Upper
165	100		
89	93.3	66.7	100.1
121	23.5	18.2	27.4



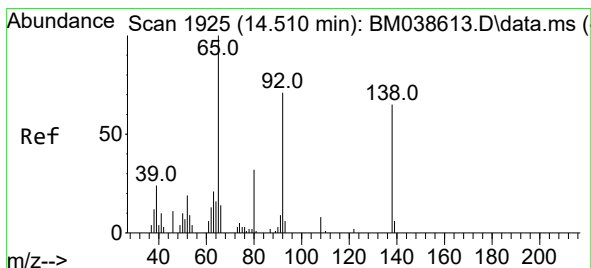
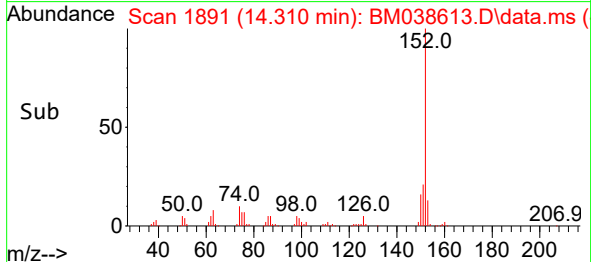
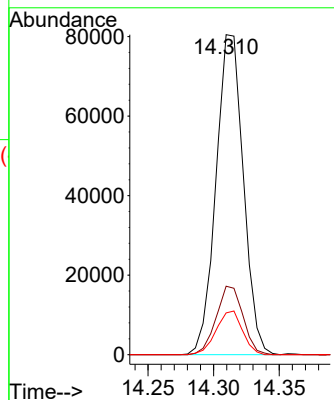


#50
Acenaphthylene
Concen: 22.959 ng/ul
RT: 14.310 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Instrument :
BNA_M
ClientSampleId :

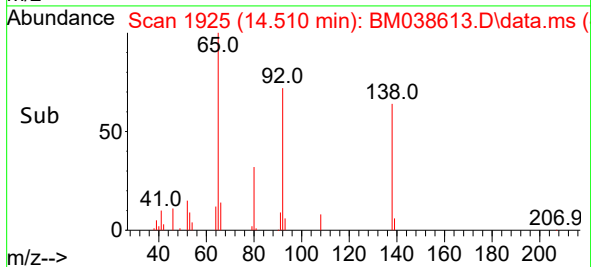
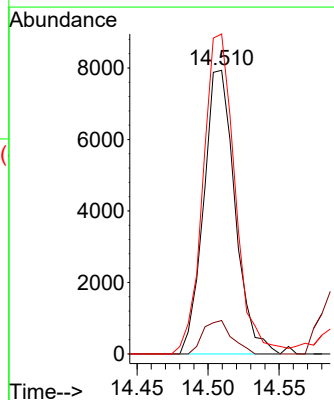
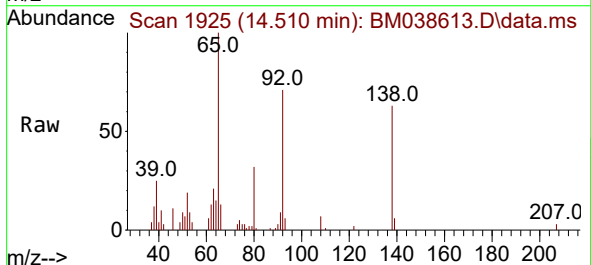


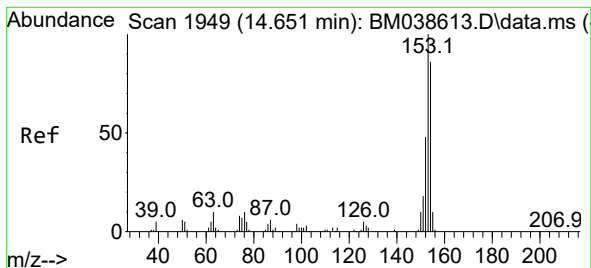
Tgt Ion:152 Resp: 116876
Ion Ratio Lower Upper
152 100
151 21.4 17.7 26.5
153 13.0 10.6 16.0



#51
3-Nitroaniline
Concen: 19.432 ng/ul
RT: 14.510 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion:138 Resp: 12194
Ion Ratio Lower Upper
138 100
108 11.8 8.2 12.4
92 112.8 94.2 141.4





#52

Acenaphthene

Concen: 20.382 ng/ul

RT: 14.651 min Scan# 1949

Delta R.T. -0.006 min

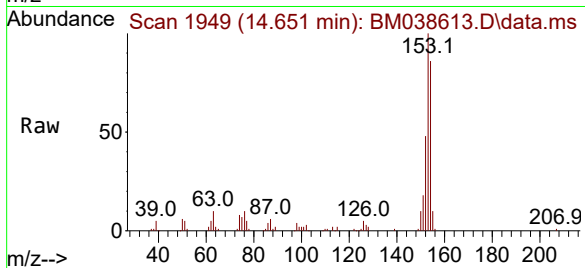
Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Instrument :

BNA_M

ClientSampleId :



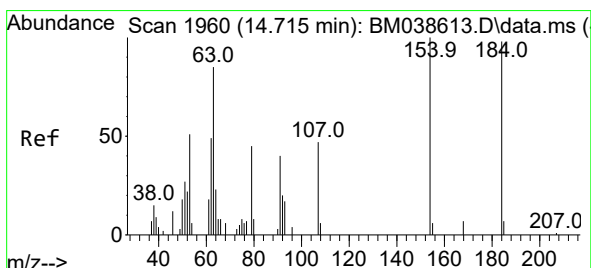
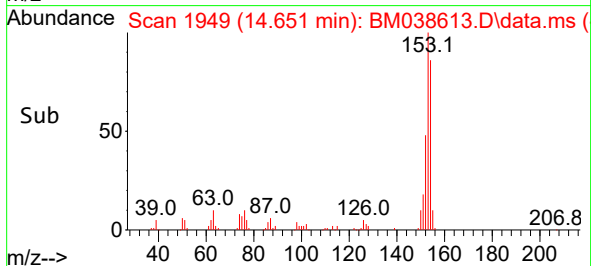
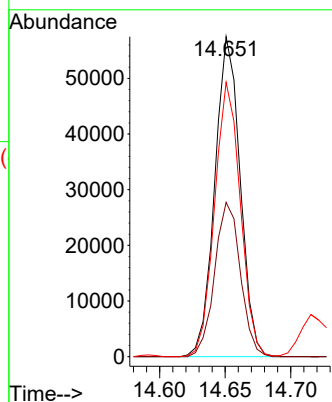
Tgt Ion:153 Resp: 77232

Ion Ratio Lower Upper

153 100

152 48.2 40.6 61.0

154 85.7 68.7 103.1



#53

2,4-Dinitrophenol

Concen: 15.813 ng/ul

RT: 14.715 min Scan# 1960

Delta R.T. -0.006 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

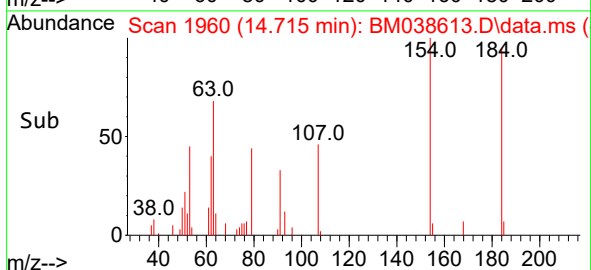
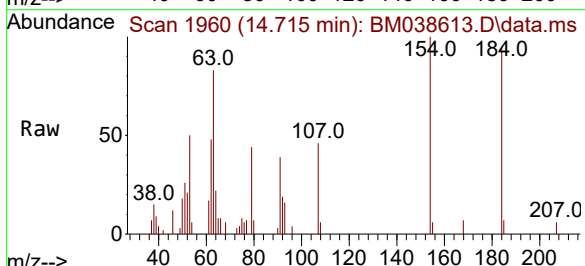
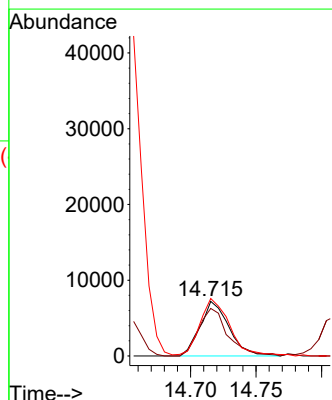
Tgt Ion:184 Resp: 11082

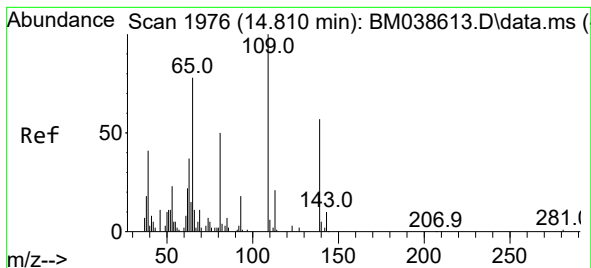
Ion Ratio Lower Upper

184 100

63 87.1 59.7 89.5

154 105.1 79.6 119.4

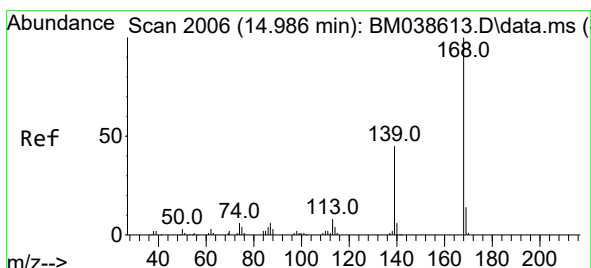
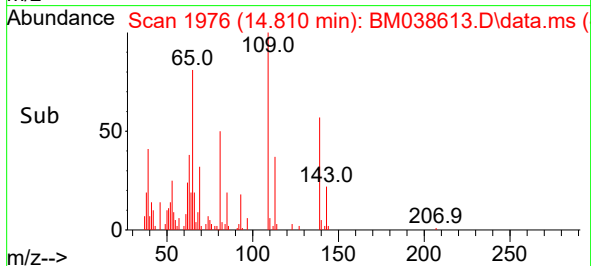
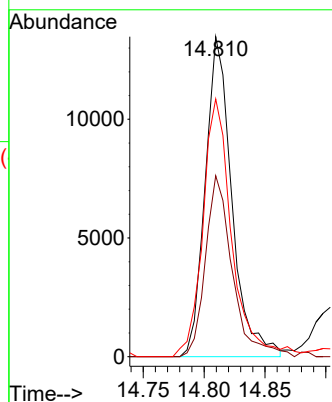
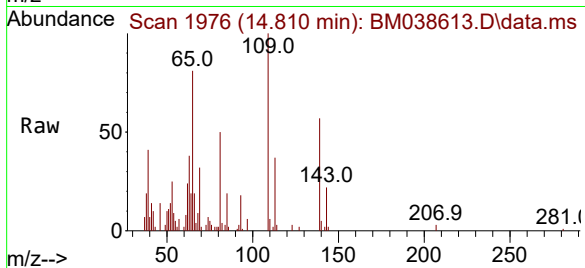




#55
4-Nitrophenol
Concen: 18.507 ng/ul
RT: 14.810 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

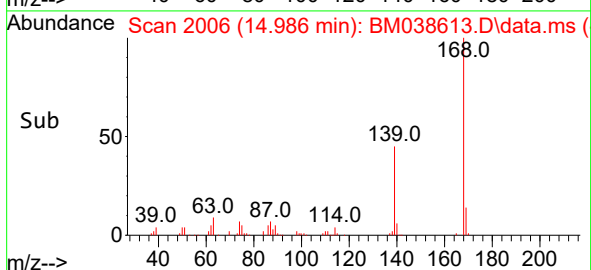
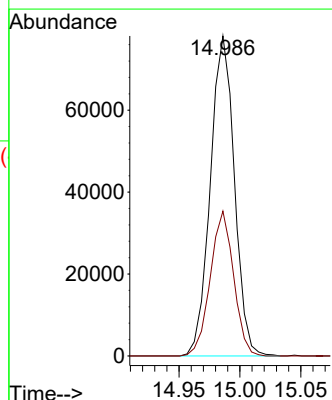
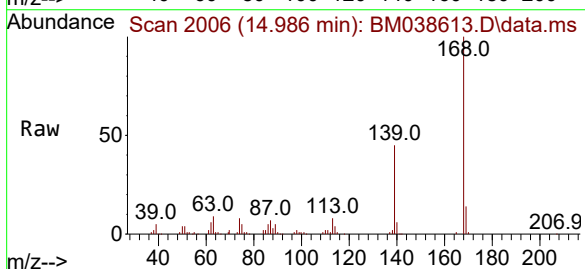
Instrument :
BNA_M
ClientSampleId :

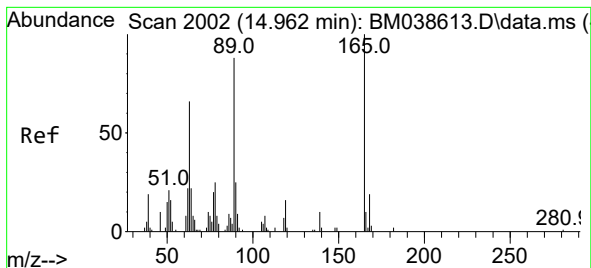
Tgt Ion:109 Resp: 20547
Ion Ratio Lower Upper
109 100
139 56.6 41.3 61.9
65 80.6 63.4 95.2



#56
Dibenzofuran
Concen: 19.104 ng/ul
RT: 14.986 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion:168 Resp: 107665
Ion Ratio Lower Upper
168 100
139 45.2 35.4 53.0

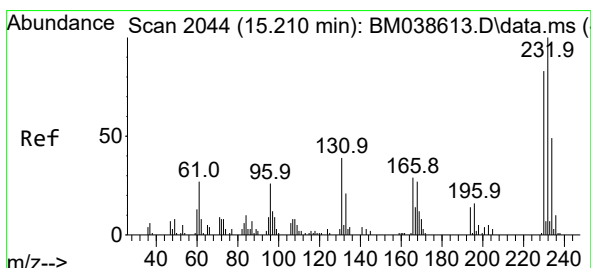
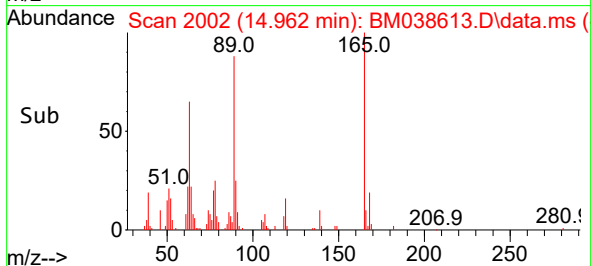
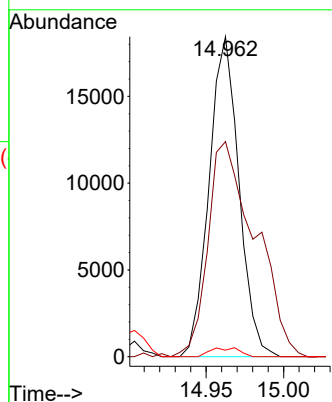
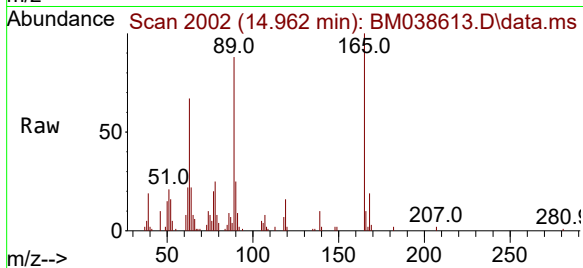




#57
2,4-Dinitrotoluene
Concen: 19.218 ng/ul
RT: 14.962 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

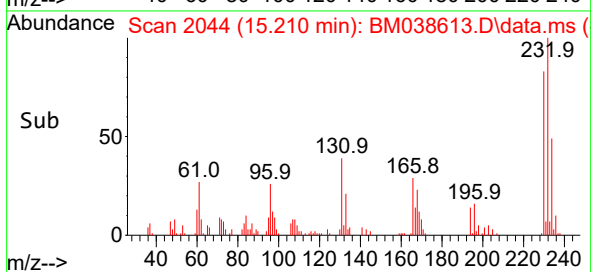
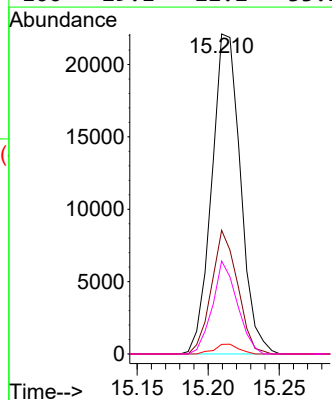
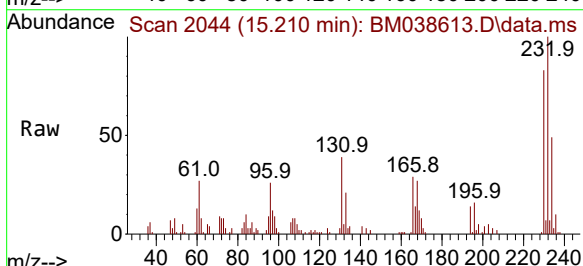
Instrument :
BNA_M
ClientSampleId :

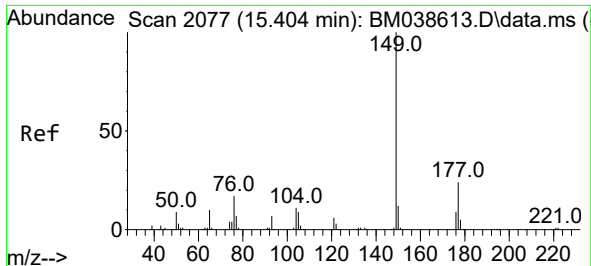
Tgt Ion:165 Resp: 24694
Ion Ratio Lower Upper
165 100
63 67.2 53.1 79.7
182 2.0 2.8 4.2#



#58
2,3,4,6-Tetrachlorophenol
Concen: 19.165 ng/ul
RT: 15.210 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion:232 Resp: 31102
Ion Ratio Lower Upper
232 100
131 38.6 30.4 45.6
130 3.0 2.4 3.6
166 29.1 22.2 33.2





#59

Diethylphthalate

Concen: 19.319 ng/ul

RT: 15.404 min Scan# 2077

Delta R.T. -0.000 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Instrument :

BNA_M

ClientSampleId :

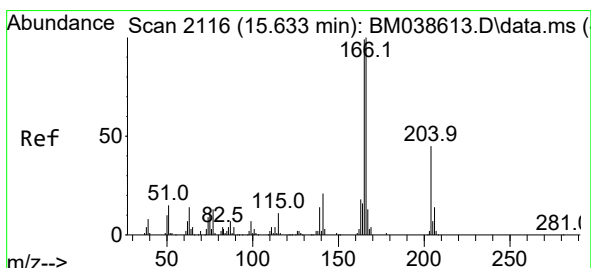
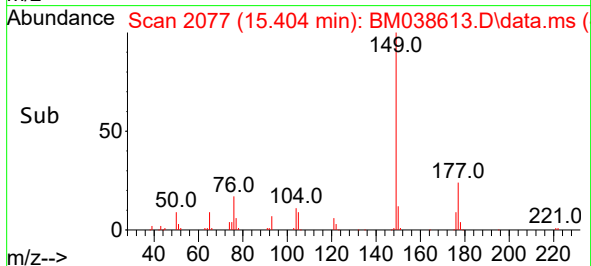
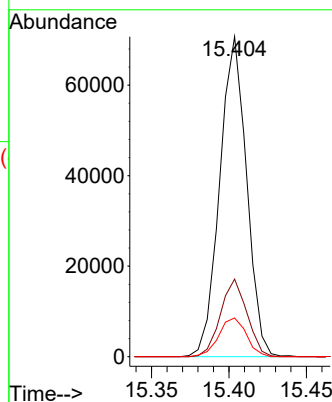
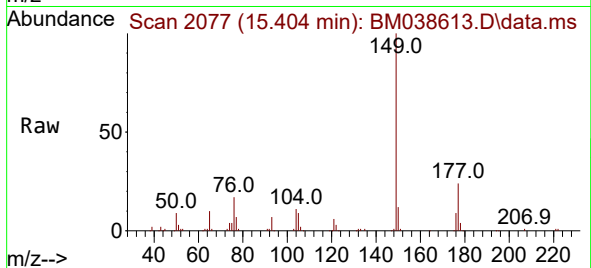
Tgt Ion:149 Resp: 85252

Ion Ratio Lower Upper

149 100

177 24.3 18.0 27.0

150 12.1 10.4 15.6



#61

Fluorene

Concen: 19.401 ng/ul

RT: 15.633 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

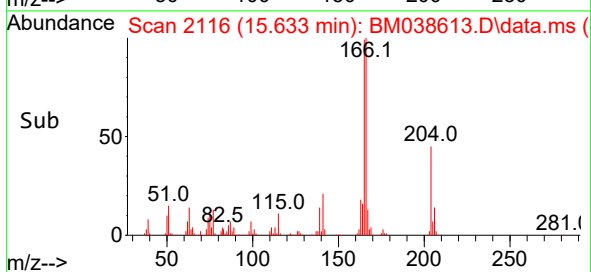
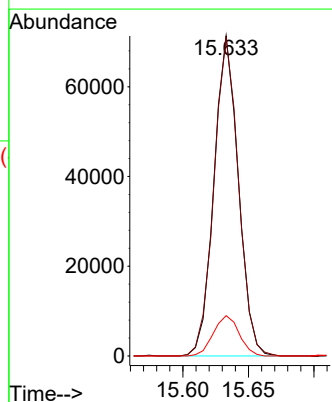
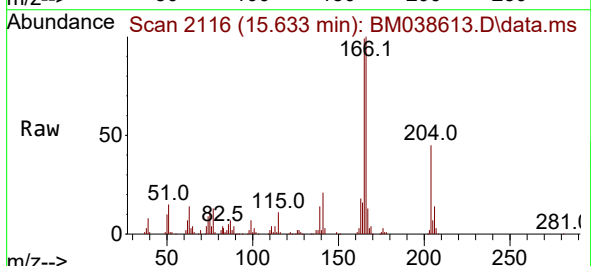
Tgt Ion:166 Resp: 92084

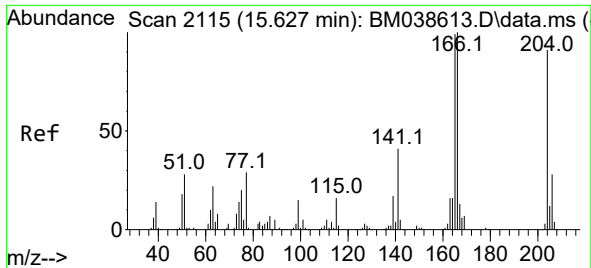
Ion Ratio Lower Upper

166 100

165 99.5 83.3 124.9

167 12.6 10.6 16.0

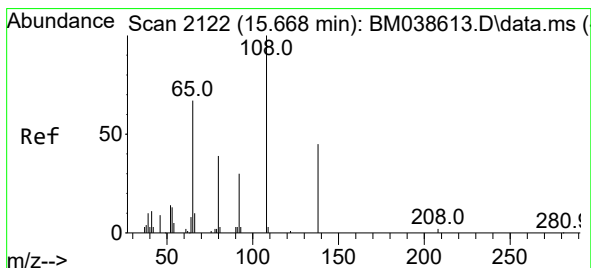
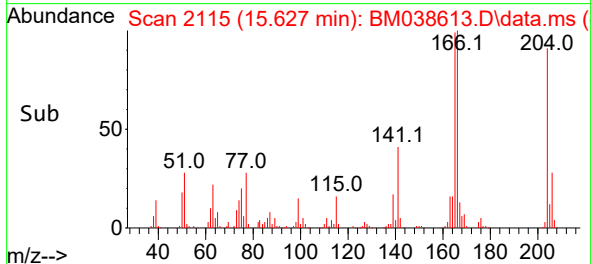
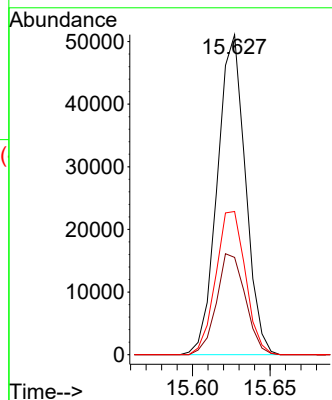
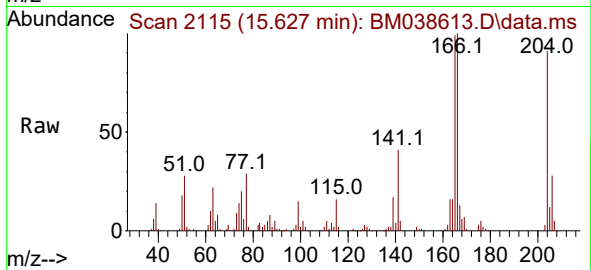




#62
4-Chlorophenyl-phenylether
Concen: 19.266 ng/ul
RT: 15.627 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

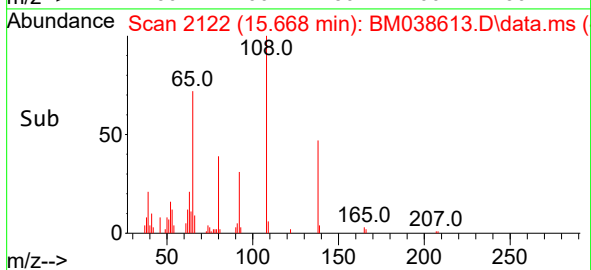
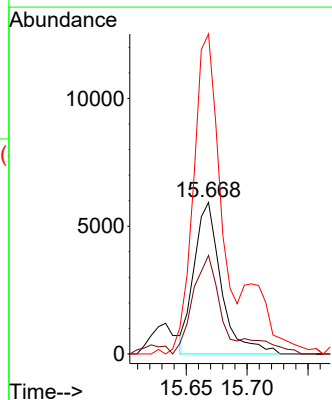
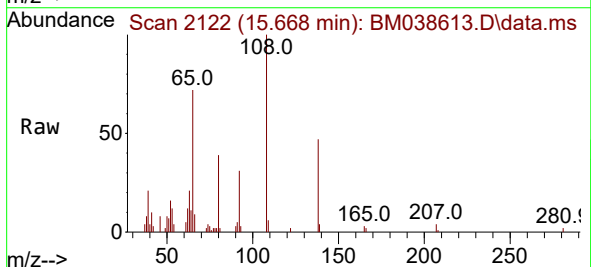
Instrument :
BNA_M
ClientSampleId :

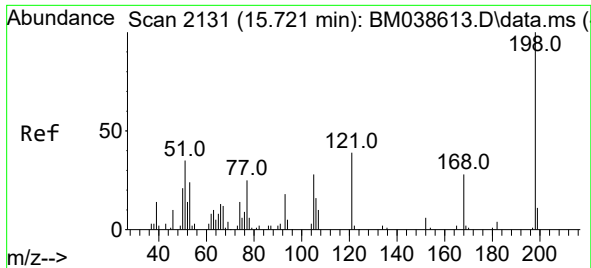
Tgt Ion:204 Resp: 64342
Ion Ratio Lower Upper
204 100
206 30.4 27.9 41.9
141 44.7 41.4 62.0



#63
4-Nitroaniline
Concen: 17.771 ng/ul
RT: 15.668 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion:138 Resp: 9194
Ion Ratio Lower Upper
138 100
92 65.0 51.9 77.9
108 211.2 156.2 234.4

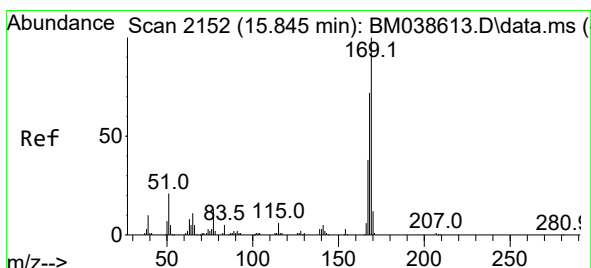
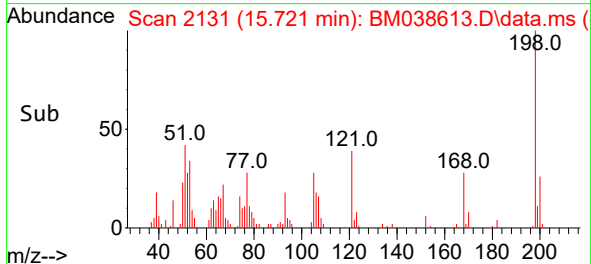
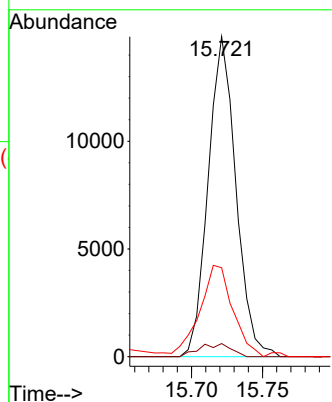
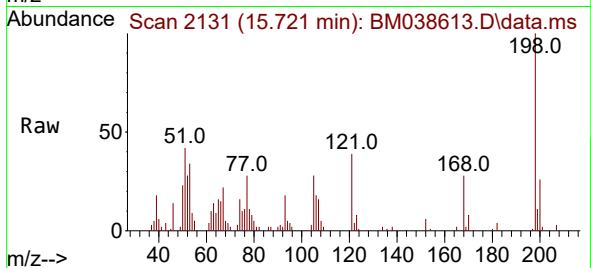




#66
 4,6-Dinitro-2-methylphenol
 Concen: 18.633 ng/ul
 RT: 15.721 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BM038613.D
 Acq: 31 Jan 2023 09:54

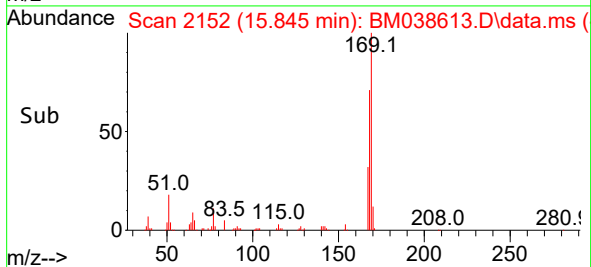
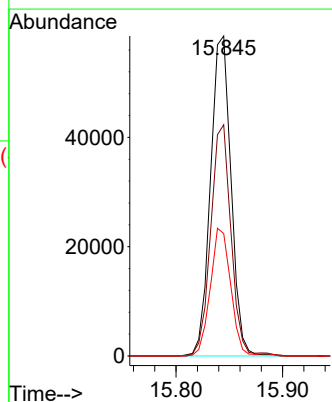
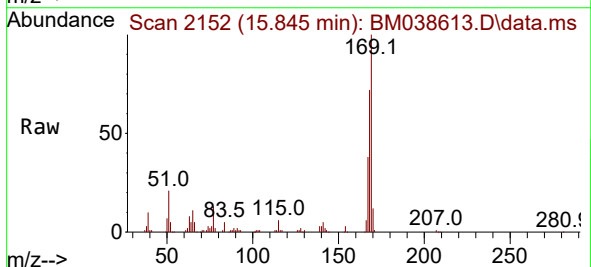
Instrument :
 BNA_M
 ClientSampleId :

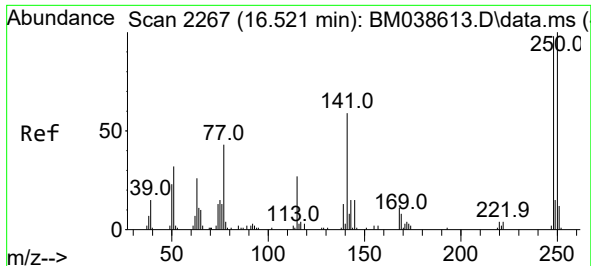
Tgt Ion:198 Resp: 20238
 Ion Ratio Lower Upper
 198 100
 182 4.1 2.7 4.1#
 77 27.8 23.9 35.9



#67
 N-Nitrosodiphenylamine
 Concen: 20.703 ng/ul
 RT: 15.845 min Scan# 2152
 Delta R.T. -0.000 min
 Lab File: BM038613.D
 Acq: 31 Jan 2023 09:54

Tgt Ion:169 Resp: 78480
 Ion Ratio Lower Upper
 169 100
 168 72.2 59.1 88.7
 167 38.2 31.6 47.4

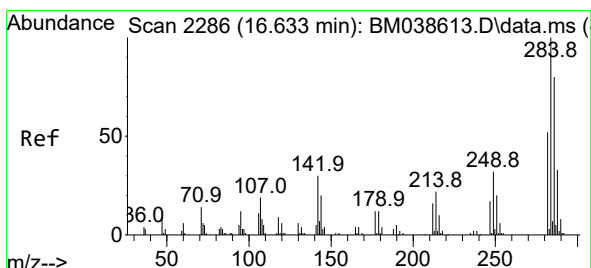
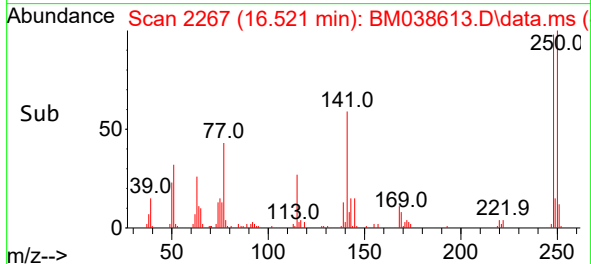
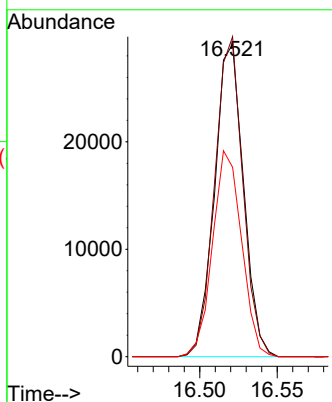
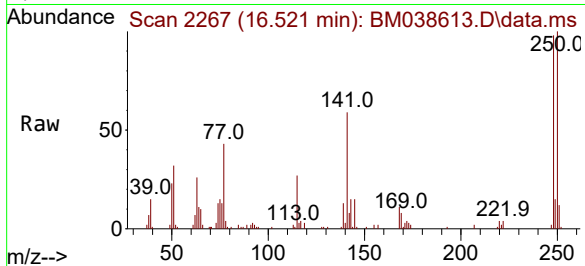




#68
4-Bromophenyl-phenylether
Concen: 20.032 ng/ul
RT: 16.521 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

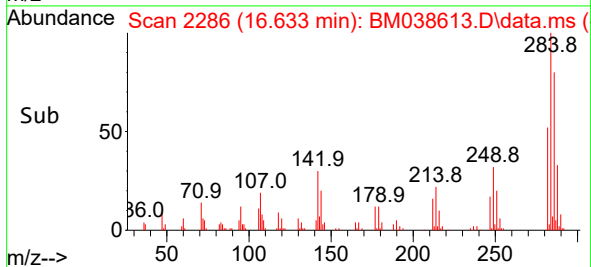
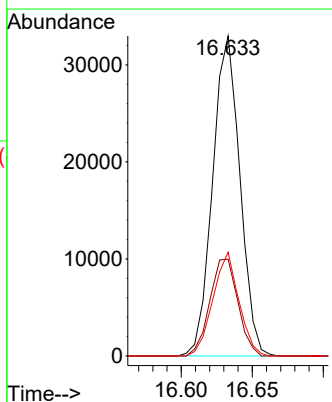
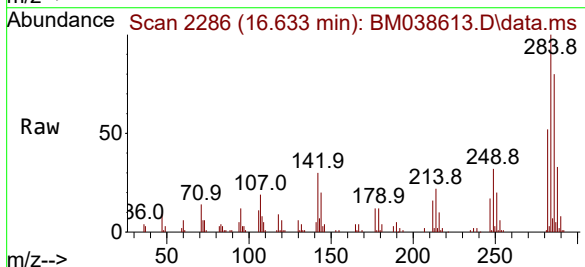
Instrument :
BNA_M
ClientSampleId :

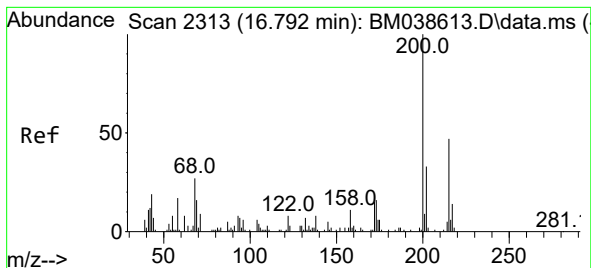
Tgt Ion:248 Resp: 37950
Ion Ratio Lower Upper
248 100
250 102.4 77.8 116.6
141 60.6 52.3 78.5



#69
Hexachlorobenzene
Concen: 19.923 ng/ul
RT: 16.633 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion:284 Resp: 44061
Ion Ratio Lower Upper
284 100
142 30.2 28.0 42.0
249 35.1 23.9 35.9





#70

Atrazine

Concen: 19.789 ng/ul

RT: 16.792 min Scan# 21

Delta R.T. -0.000 min

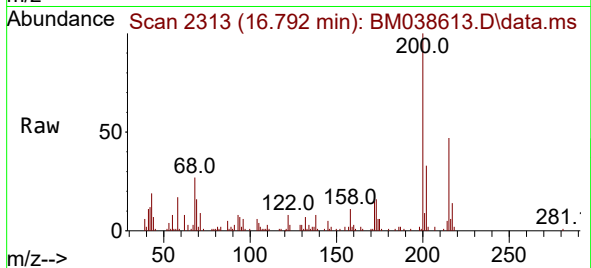
Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

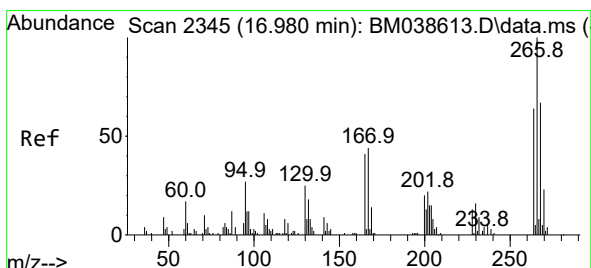
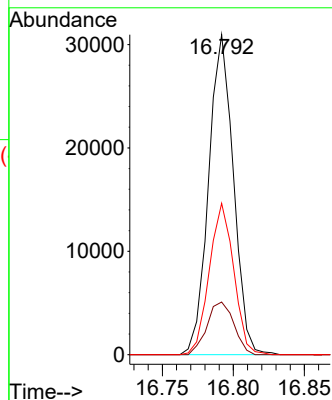
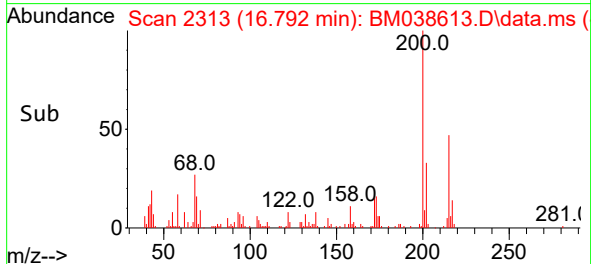
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	200	Resp:	37639
Ion Ratio	Lower	Upper	
200	100		
173	16.4	15.2	22.8
215	47.3	36.6	54.8



#71

Pentachlorophenol

Concen: 18.875 ng/ul

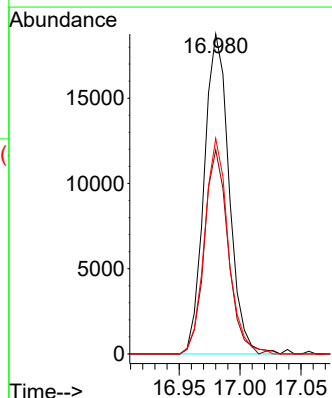
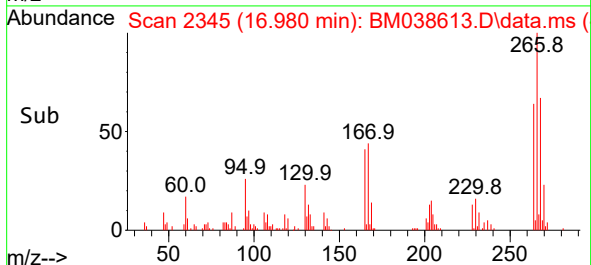
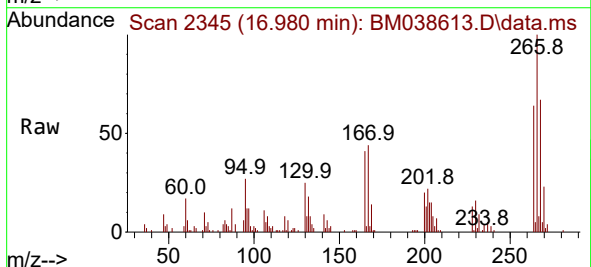
RT: 16.980 min Scan# 2345

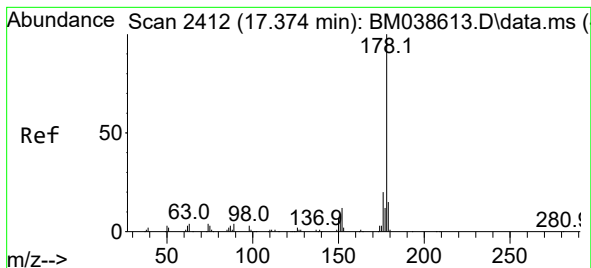
Delta R.T. -0.000 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Tgt Ion:	266	Resp:	26702
Ion Ratio	Lower	Upper	
266	100		
264	63.8	47.2	70.8
268	67.4	45.8	68.6





#72

Phenanthrene

Concen: 19.760 ng/ul

RT: 17.374 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Instrument :

BNA_M

ClientSampleId :

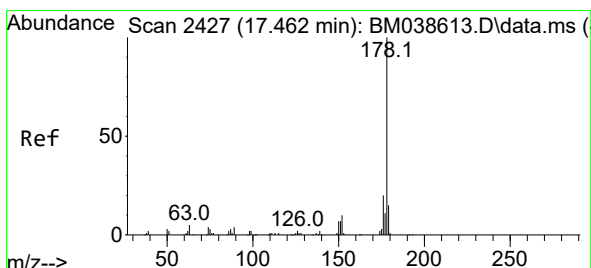
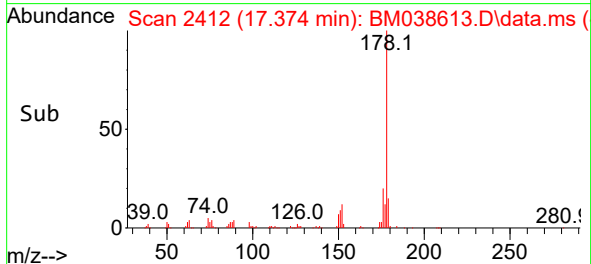
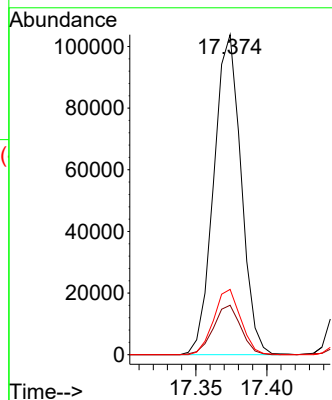
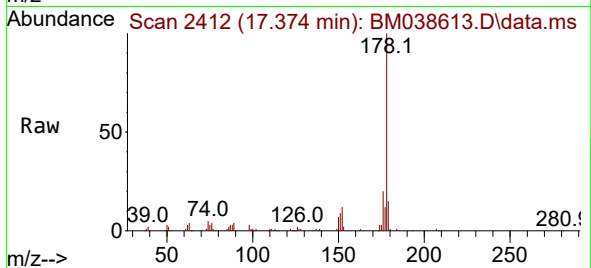
Tgt Ion:178 Resp: 138845

Ion Ratio Lower Upper

178 100

179 15.4 11.7 17.5

176 20.4 16.2 24.2



#74

Anthracene

Concen: 20.020 ng/ul

RT: 17.462 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

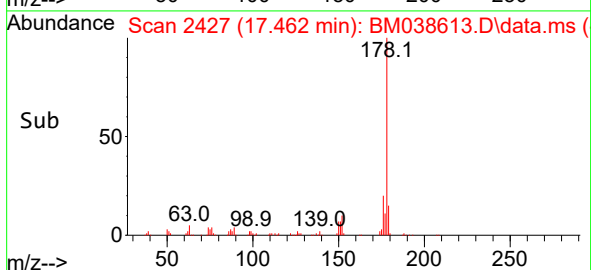
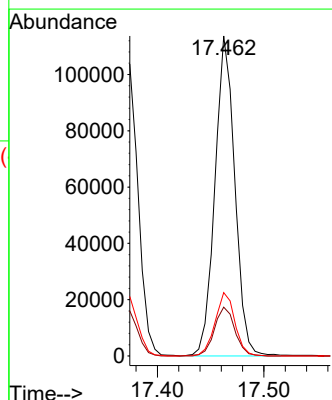
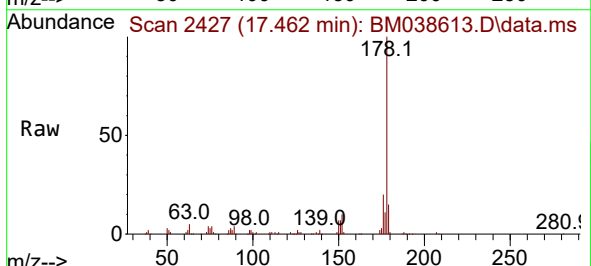
Tgt Ion:178 Resp: 147303

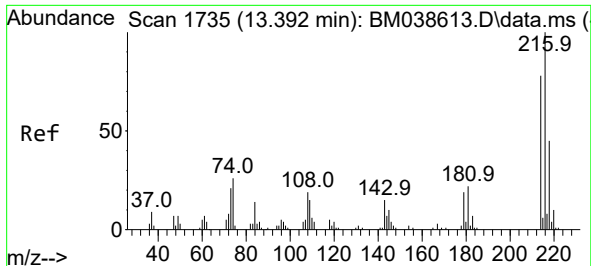
Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 19.8 16.3 24.5

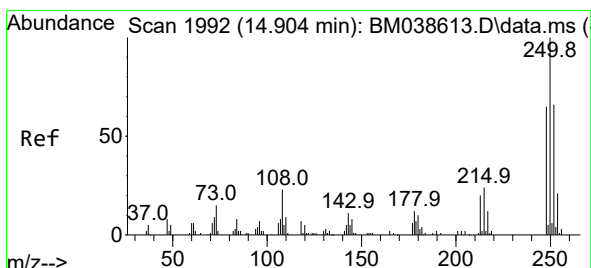
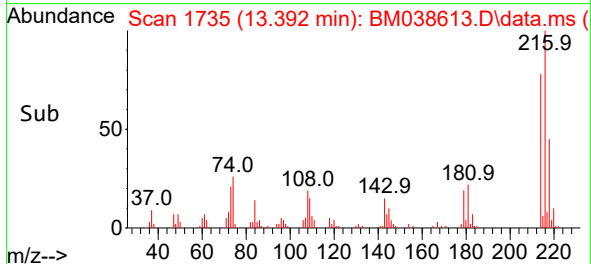
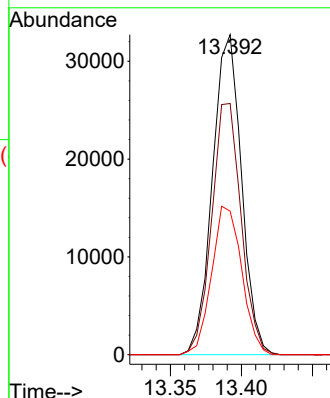
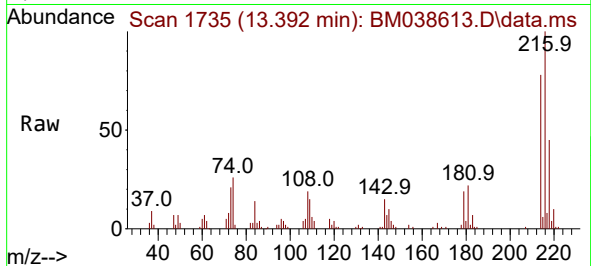




#75
1,2,3,4-Tetrachlorobenzene
Concen: 17.993 ng/uL
RT: 13.392 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

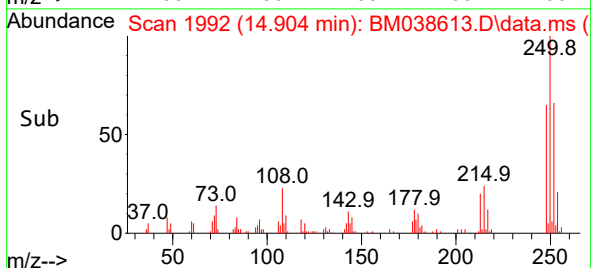
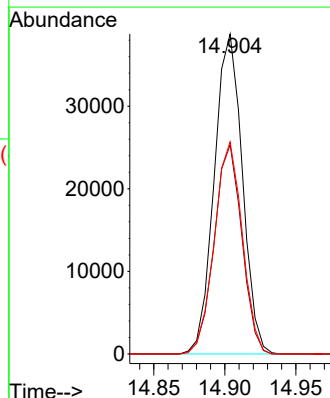
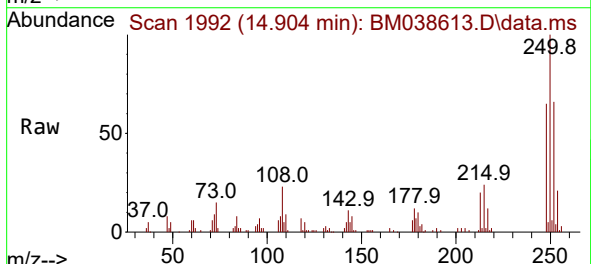
Instrument :
BNA_M
ClientSampleId :

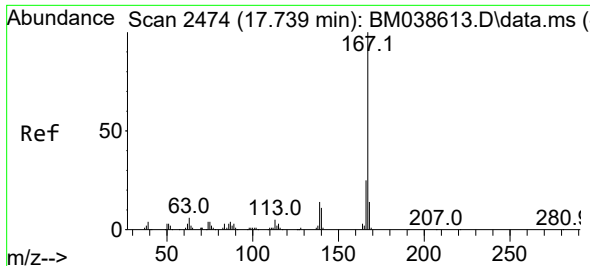
Tgt Ion:216 Resp: 46500
Ion Ratio Lower Upper
216 100
214 78.5 62.5 93.7
218 44.9 37.4 56.0



#76
Pentachlorobenzene
Concen: 19.819 ng/uL
RT: 14.904 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion:250 Resp: 53296
Ion Ratio Lower Upper
250 100
248 65.3 50.6 75.8
252 66.3 51.3 76.9

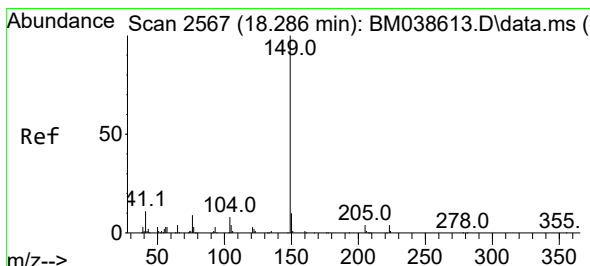
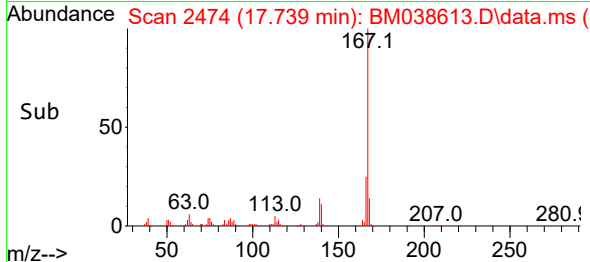
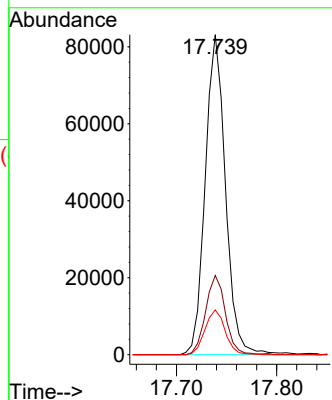
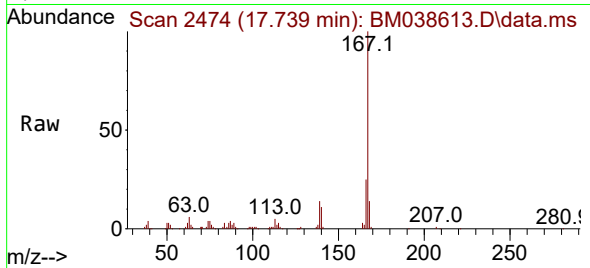




#77
 Carbazole
 Concen: 18.261 ng/ul
 RT: 17.739 min Scan# 2474
 Delta R.T. -0.000 min
 Lab File: BM038613.D
 Acq: 31 Jan 2023 09:54

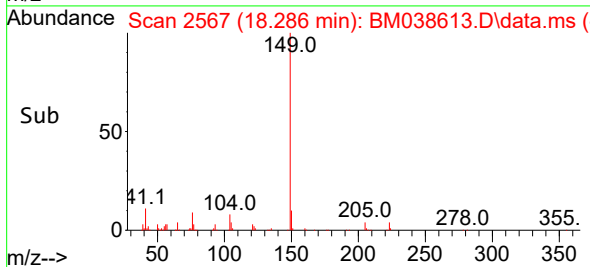
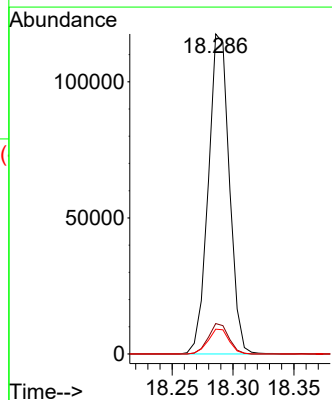
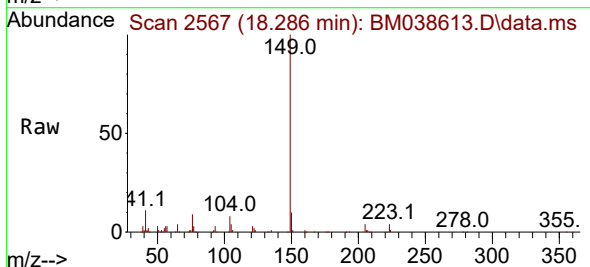
Instrument :
 BNA_M
 ClientSampleId :

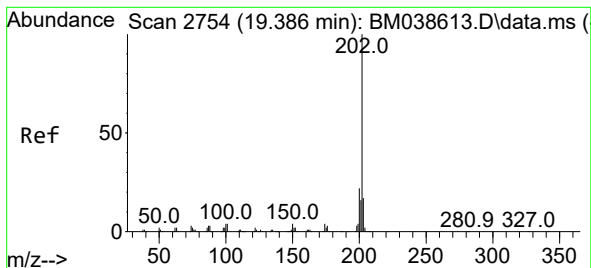
Tgt Ion:167 Resp: 116626
 Ion Ratio Lower Upper
 167 100
 166 24.8 19.5 29.3
 139 14.0 11.3 16.9



#78
 Di-n-butylphthalate
 Concen: 22.844 ng/ul
 RT: 18.286 min Scan# 2567
 Delta R.T. -0.006 min
 Lab File: BM038613.D
 Acq: 31 Jan 2023 09:54

Tgt Ion:149 Resp: 141158
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 7.7 6.2 9.4





#80

Fluoranthene

Concen: 16.873 ng/ul

RT: 19.386 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Instrument :

BNA_M

ClientSampleId :

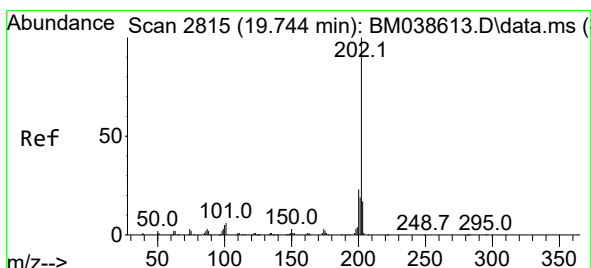
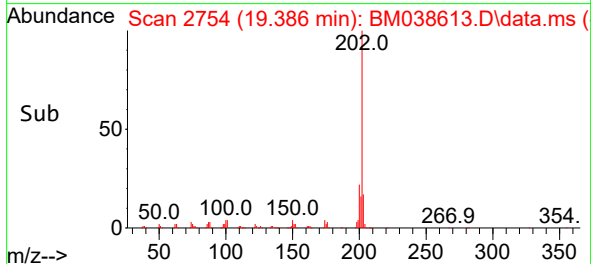
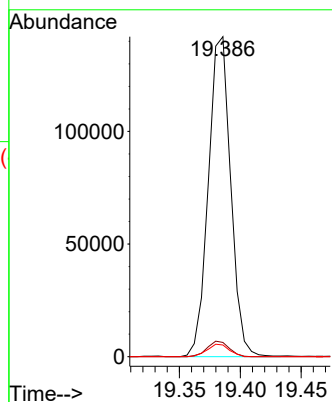
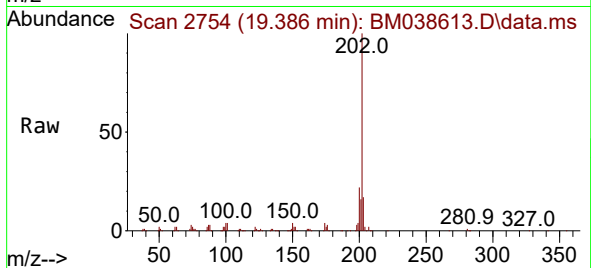
Tgt Ion:202 Resp: 181836

Ion Ratio Lower Upper

202 100

101 4.5 2.8 4.2#

100 3.6 2.4 3.6#



#82

Pyrene

Concen: 16.953 ng/ul

RT: 19.744 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

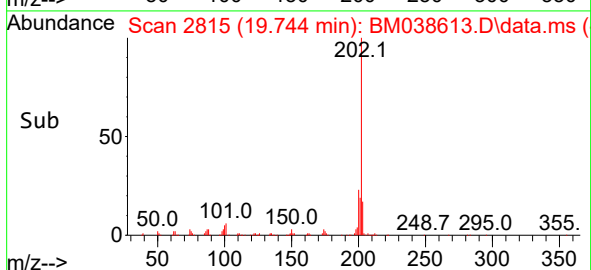
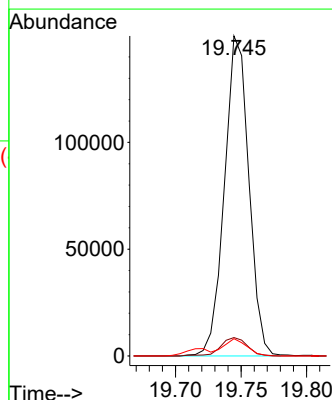
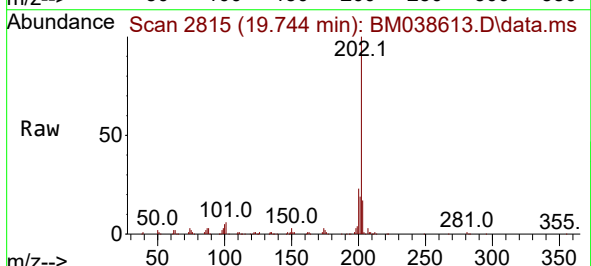
Tgt Ion:202 Resp: 193882

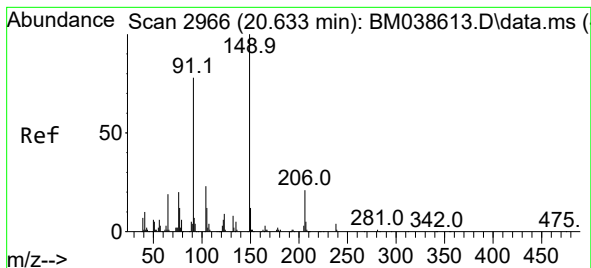
Ion Ratio Lower Upper

202 100

101 5.8 3.3 4.9#

100 5.4 2.8 4.2#





#83

Butylbenzylphthalate

Concen: 23.163 ng/ul

RT: 20.633 min Scan# 2966

Delta R.T. -0.006 min

Lab File: BM038613.D

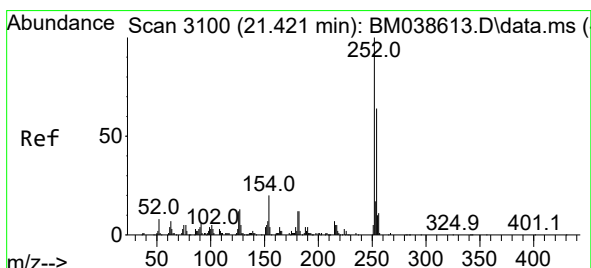
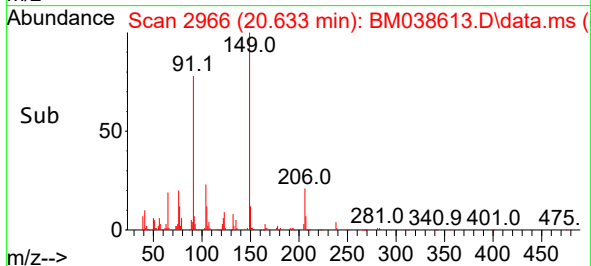
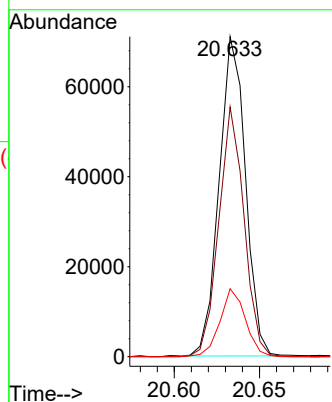
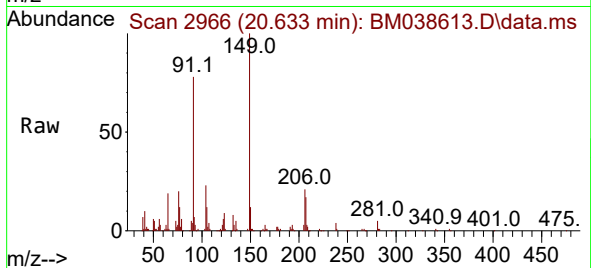
Acq: 31 Jan 2023 09:54

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	149	Resp:	76411
Ion Ratio	Lower	Upper	
149	100		
91	78.0	59.0	88.4
206	21.2	19.0	28.6



#84

3,3'-Dichlorobenzidine

Concen: 18.887 ng/ul

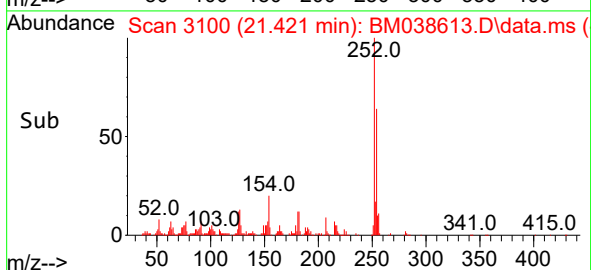
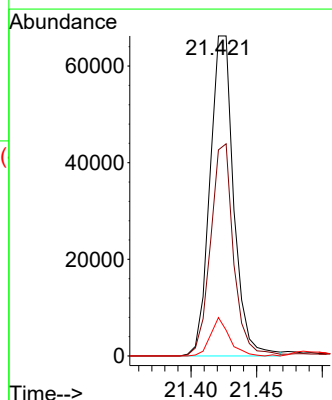
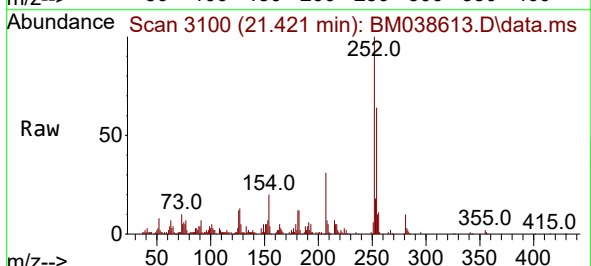
RT: 21.421 min Scan# 3100

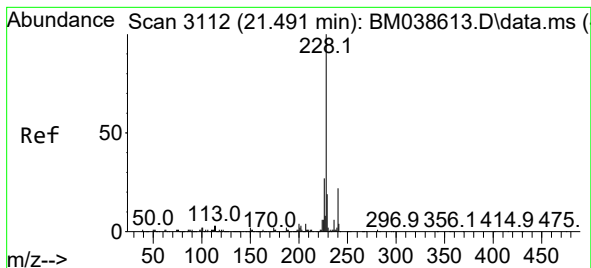
Delta R.T. -0.006 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Tgt Ion:	252	Resp:	83723
Ion Ratio	Lower	Upper	
252	100		
254	64.4	52.7	79.1
126	12.0	5.0	7.4





#85

Benzo(a)anthracene

Concen: 19.314 ng/ul

RT: 21.491 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Instrument :

BNA_M

ClientSampleId :

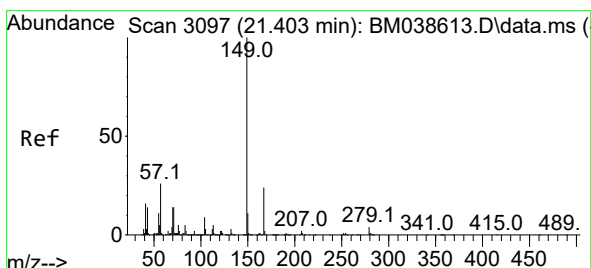
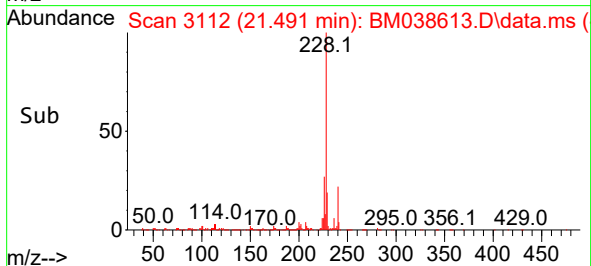
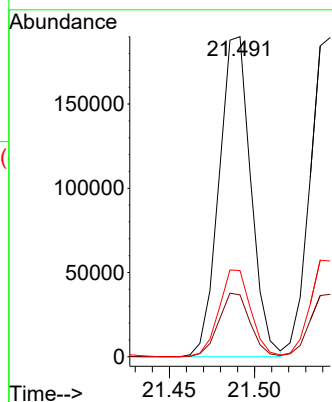
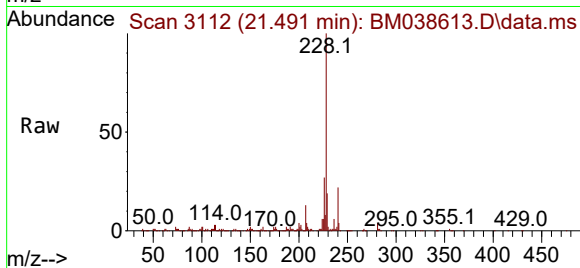
Tgt Ion:228 Resp: 246876

Ion Ratio Lower Upper

228 100

229 19.3 15.8 23.6

226 26.9 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.513 ng/ul

RT: 21.403 min Scan# 3097

Delta R.T. -0.000 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

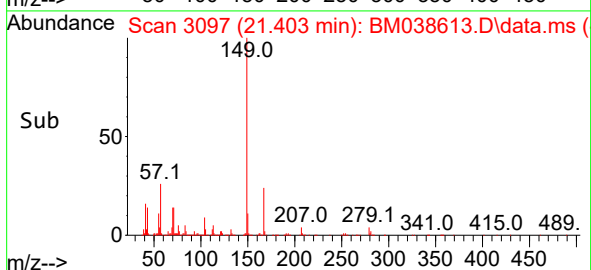
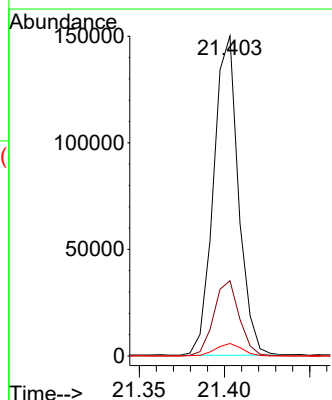
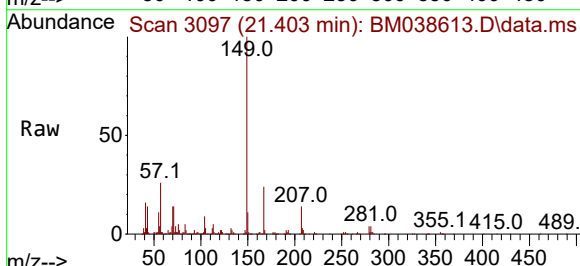
Tgt Ion:149 Resp: 152615

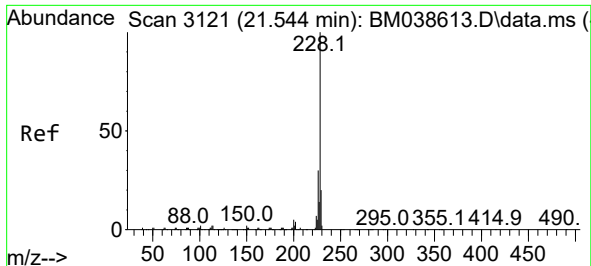
Ion Ratio Lower Upper

149 100

167 23.5 21.0 31.4

279 3.9 5.1 7.7#





#87

Chrysene

Concen: 20.034 ng/ul

RT: 21.544 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Instrument :

BNA_M

ClientSampleId :

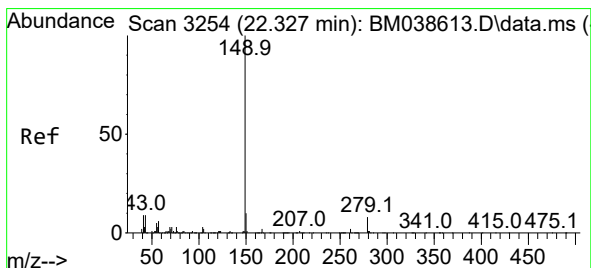
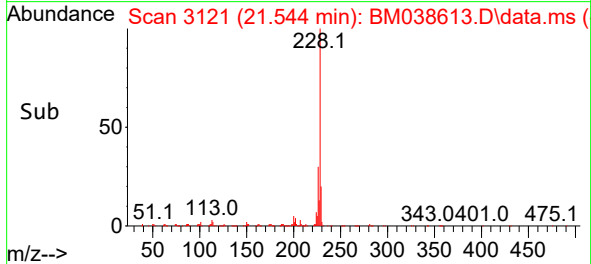
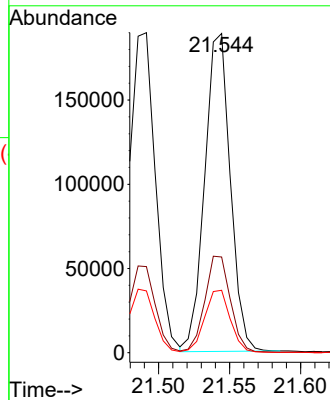
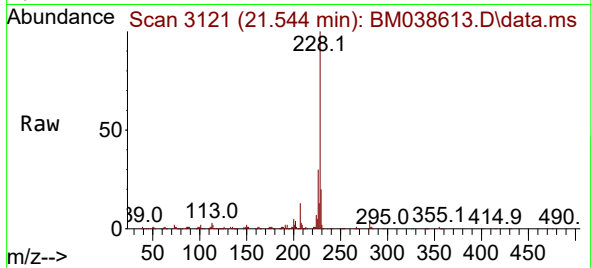
Tgt Ion:228 Resp: 237027

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

229 19.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 15.633 ng/ul

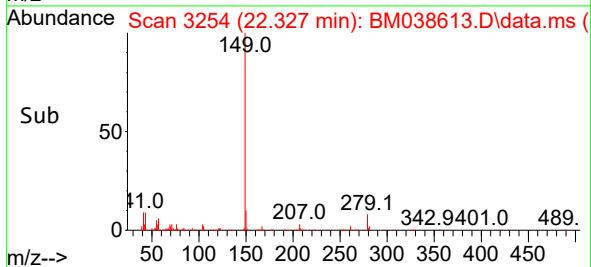
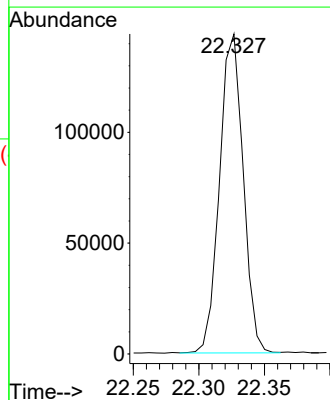
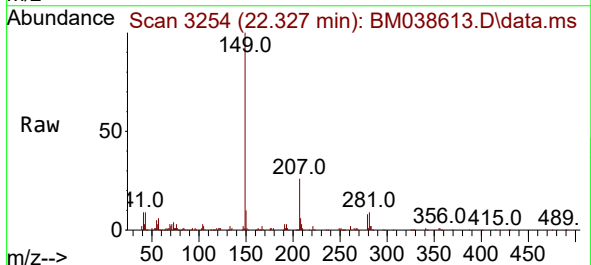
RT: 22.327 min Scan# 3254

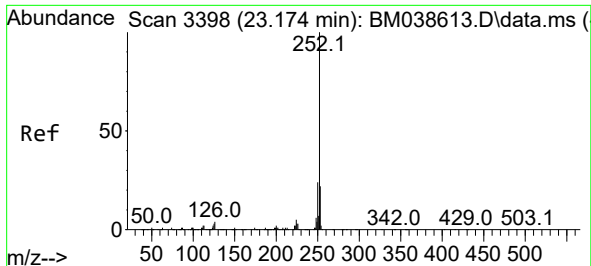
Delta R.T. -0.006 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Tgt Ion:149 Resp: 180332

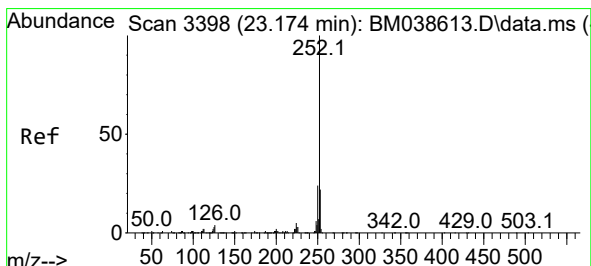
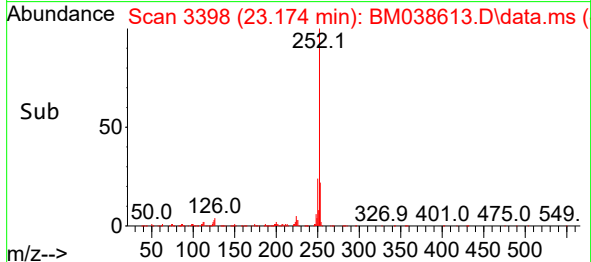
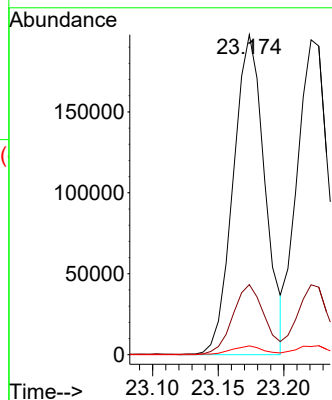
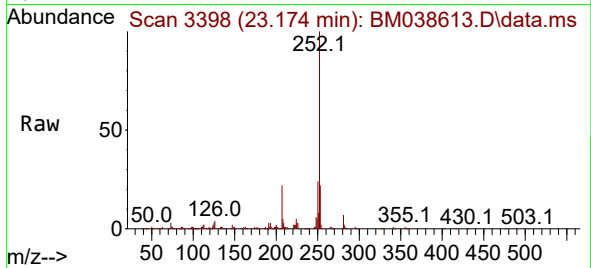




#90
Benzo(b)fluoranthene
Concen: 19.677 ng/ul
RT: 23.174 min Scan# 3398
Delta R.T. -0.006 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

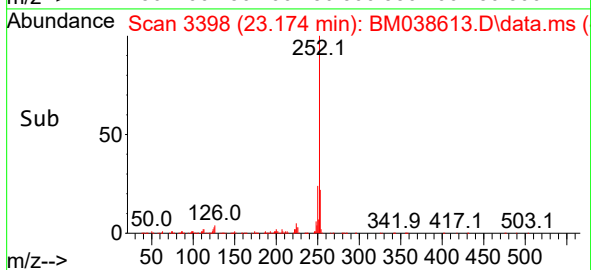
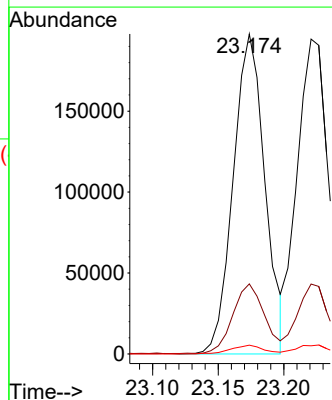
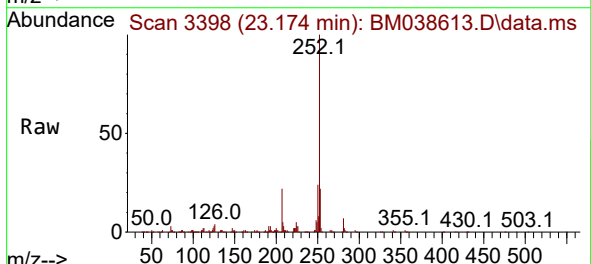
Instrument :
BNA_M
ClientSampleId :

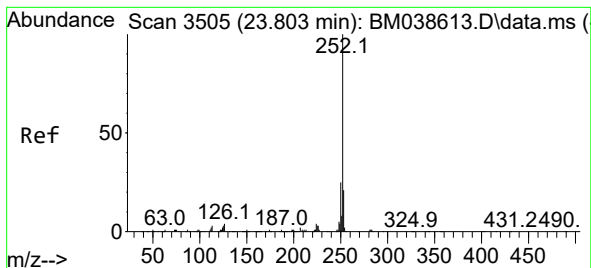
Tgt Ion:252 Resp: 331346
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 2.7 2.6 3.8



#91
Benzo(k)fluoranthene
Concen: 19.741 ng/ul
RT: 23.174 min Scan# 3398
Delta R.T. -0.053 min
Lab File: BM038613.D
Acq: 31 Jan 2023 09:54

Tgt Ion:252 Resp: 331346
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 2.7 2.6 4.0





#93

Benzo(a)pyrene

Concen: 19.730 ng/ul

RT: 23.803 min Scan# 3505

Delta R.T. -0.006 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Instrument :

BNA_M

ClientSampleId :

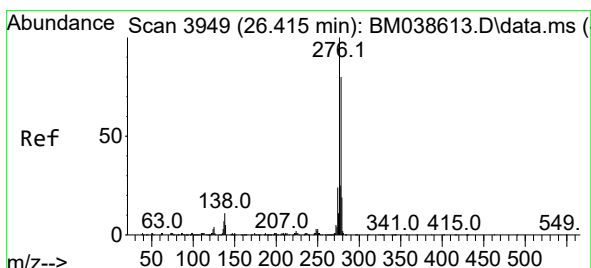
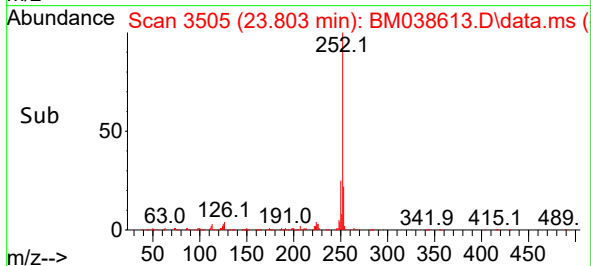
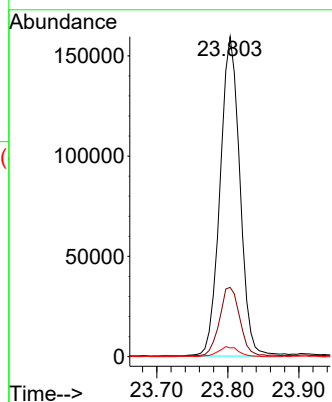
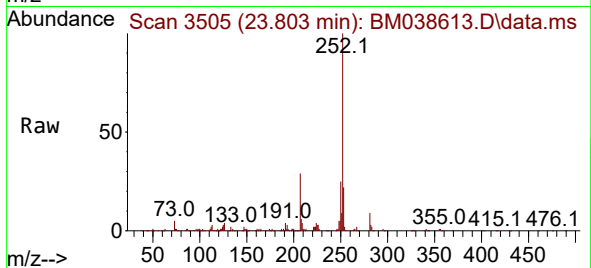
Tgt Ion:252 Resp: 307675

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 2.8 2.8 4.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.073 ng/ul

RT: 26.415 min Scan# 3949

Delta R.T. -0.006 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

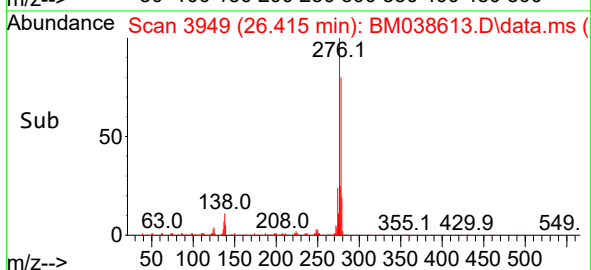
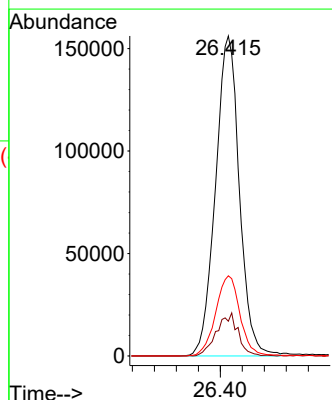
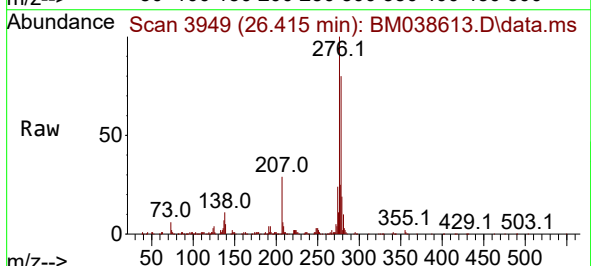
Tgt Ion:276 Resp: 470125

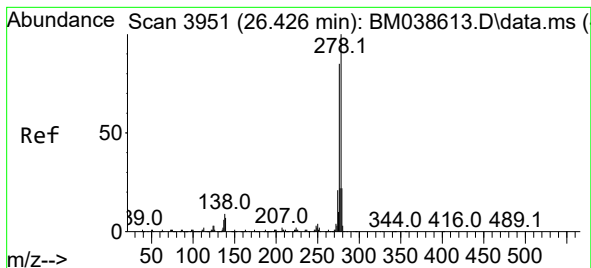
Ion Ratio Lower Upper

276 100

138 10.9 6.1 9.1#

277 25.1 20.5 30.7





#95

Dibenzo(a,h)anthracene

Concen: 18.986 ng/ul

RT: 26.426 min Scan# 3951

Delta R.T. -0.006 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Instrument :

BNA_M

ClientSampleId :

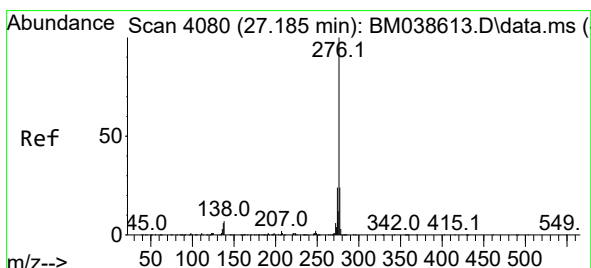
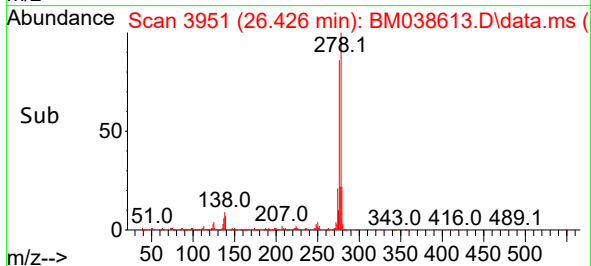
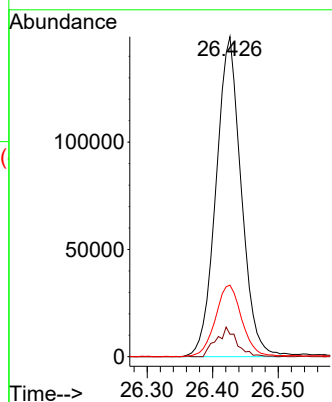
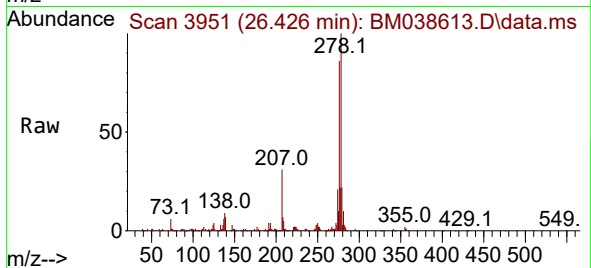
Tgt Ion:278 Resp: 397200

Ion Ratio Lower Upper

278 100

139 7.0 4.3 6.5#

279 22.4 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 19.831 ng/ul

RT: 27.185 min Scan# 4080

Delta R.T. -0.012 min

Lab File: BM038613.D

Acq: 31 Jan 2023 09:54

Tgt Ion:276 Resp: 396751

Ion Ratio Lower Upper

276 100

138 6.6 6.0 9.0

277 23.9 19.2 28.8

