

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
 Data File : BM038654.D
 Acq On : 01 Feb 2023 22:44
 Operator : CG/JU
 Sample : PB150362BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150362BSD

Quant Time: Feb 02 03:55:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	71814	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	238532	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	163683	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	311163	20.000	ng	0.00
76) Chrysene-d12	21.492	240	267055	20.000	ng	0.00
86) Perylene-d12	23.886	264	323174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	319775	87.227	ng	0.00
7) Phenol-d6	7.110	99	342993	82.032	ng	0.00
23) Nitrobenzene-d5	9.116	82	345669	82.312	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	178486	80.225	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1068595	83.114	ng	0.00
79) Terphenyl-d14	19.933	244	1279121	84.523	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	50084	30.989	ng	99
3) Pyridine	3.763	79	117790	30.650	ng	97
4) n-Nitrosodimethylamine	3.681	42	70430	40.595	ng	97
6) Aniline	7.269	93	152135	29.169	ng	98
8) 2-Chlorophenol	7.498	128	169217	42.301	ng	99
9) Benzaldehyde	7.081	77	40664	22.065	ng	97
10) Phenol	7.134	94	173660	41.112	ng	99
11) bis(2-Chloroethyl)ether	7.363	93	138277	40.422	ng	99
12) 1,3-Dichlorobenzene	7.822	146	223440	43.717	ng	99
13) 1,4-Dichlorobenzene	7.975	146	223808	43.389	ng	99
14) 1,2-Dichlorobenzene	8.287	146	215633	43.637	ng	99
15) Benzyl Alcohol	8.187	79	126986	41.263	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	128452	39.643	ng	99
17) 2-Methylphenol	8.387	107	123878	38.234	ng	97
18) Hexachloroethane	9.016	117	72984	43.812	ng	92
19) n-Nitroso-di-n-propyla...	8.751	70	101519	40.281	ng	99
20) 3+4-Methylphenols	8.722	107	162454	37.607	ng	95
22) Acetophenone	8.775	105	225979	39.726	ng	# 100
24) Nitrobenzene	9.157	77	167256	39.239	ng	97
25) Isophorone	9.681	82	275432	37.440	ng	100
26) 2-Nitrophenol	9.863	139	98057	41.342	ng	95
27) 2,4-Dimethylphenol	9.922	122	134627	39.340	ng	98
28) bis(2-Chloroethoxy)met...	10.163	93	177120	39.396	ng	99
29) 2,4-Dichlorophenol	10.398	162	197209	40.562	ng	100
30) 1,2,4-Trichlorobenzene	10.610	180	219412	42.426	ng	100
31) Naphthalene	10.798	128	487617	39.837	ng	99
32) Benzoic acid	10.075	122	101890	36.781	ng	98
33) 4-Chloroaniline	10.916	127	118054	22.007	ng	97
34) Hexachlorobutadiene	11.069	225	110138	42.513	ng	98
35) Caprolactam	11.722	113	22522	21.509	ng	95
36) 4-Chloro-3-methylphenol	12.039	107	135710	37.749	ng	98
37) 2-Methylnaphthalene	12.404	142	374423	37.853	ng	99
38) 1-Methylnaphthalene	12.622	142	351889	37.753	ng	99
40) 1,2,4,5-Tetrachloroben...	12.769	216	180013	42.258	ng	98
41) Hexachlorocyclopentadiene	12.739	237	266384	100.773	ng	99
43) 2,4,6-Trichlorophenol	13.016	196	137524	41.093	ng	99

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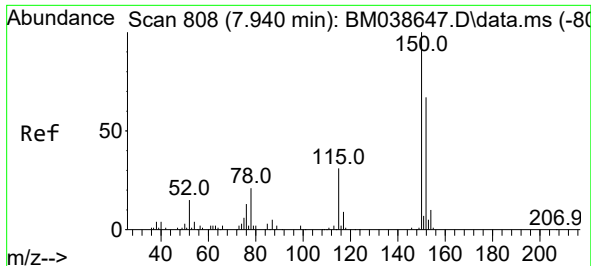
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	144514	36.695	ng	97
46) 1,1'-Biphenyl	13.410	154	526190	40.582	ng	100
47) 2-Chloronaphthalene	13.457	162	425746	41.728	ng	99
48) 2-Nitroaniline	13.669	65	81453	35.946	ng	98
49) Acenaphthylene	14.298	152	622518	38.738	ng	99
50) Dimethylphthalate	14.039	163	497072	37.213	ng	99
51) 2,6-Dinitrotoluene	14.163	165	106347	39.172	ng	97
52) Acenaphthene	14.639	154	372459	38.816	ng	98
53) 3-Nitroaniline	14.498	138	71384	25.900	ng	97
54) 2,4-Dinitrophenol	14.704	184	140163	79.318	ng	98
55) Dibenzofuran	14.974	168	628904	38.061	ng	99
56) 4-Nitrophenol	14.804	139	168484	77.380	ng	96
57) 2,4-Dinitrotoluene	14.951	165	143523	36.241	ng	# 98
58) Fluorene	15.621	166	498011	38.091	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	104206	38.018	ng	99
60) Diethylphthalate	15.392	149	467707	36.961	ng	100
61) 4-Chlorophenyl-phenylether	15.610	204	212804	38.367	ng	99
62) 4-Nitroaniline	15.657	138	91107	31.883	ng	96
63) Azobenzene	15.904	77	354266	36.388	ng	99
65) 4,6-Dinitro-2-methylph...	15.710	198	75388	38.486	ng	98
66) n-Nitrosodiphenylamine	15.833	169	408995	40.255	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	123543	41.120	ng	95
68) Hexachlorobenzene	16.615	284	160853	43.807	ng	97
69) Atrazine	16.780	200	129269	43.898	ng	98
70) Pentachlorophenol	16.968	266	198676	74.224	ng	97
71) Phenanthrene	17.357	178	742462	40.185	ng	98
72) Anthracene	17.451	178	741951	39.254	ng	99
73) Carbazole	17.727	167	707800	40.152	ng	100
74) Di-n-butylphthalate	18.274	149	803976	40.369	ng	100
75) Fluoranthene	19.368	202	763170	39.341	ng	99
77) Benzidine	19.562	184	292721	37.231	ng	99
78) Pyrene	19.733	202	807144	39.257	ng	99
80) Butylbenzylphthalate	20.621	149	370409	36.666	ng	99
81) Benzo(a)anthracene	21.474	228	733535	38.831	ng	99
82) 3,3'-Dichlorobenzidine	21.409	252	272758	41.969	ng	100
83) Chrysene	21.527	228	689491	37.882	ng	100
84) Bis(2-ethylhexyl)phtha...	21.392	149	548299	37.161	ng	97
85) Di-n-octyl phthalate	22.309	149	981120	40.539	ng	100
87) Indeno(1,2,3-cd)pyrene	26.391	276	1167740	45.874	ng	99
88) Benzo(b)fluoranthene	23.156	252	888833	45.918	ng	99
89) Benzo(k)fluoranthene	23.203	252	891502	45.355	ng	99
90) Benzo(a)pyrene	23.786	252	808326	42.227	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	1014179	47.356	ng	99
92) Benzo(g,h,i)perylene	27.162	276	1011476	46.723	ng	98

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

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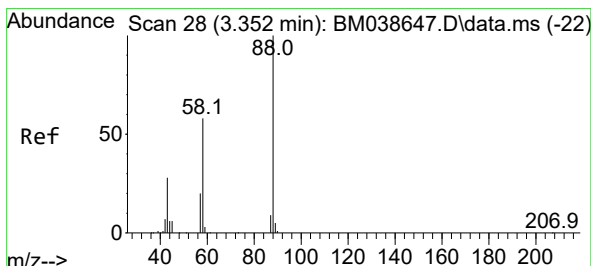
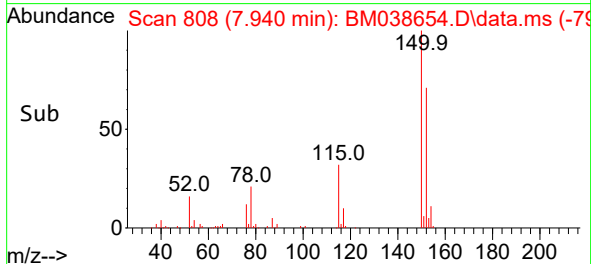
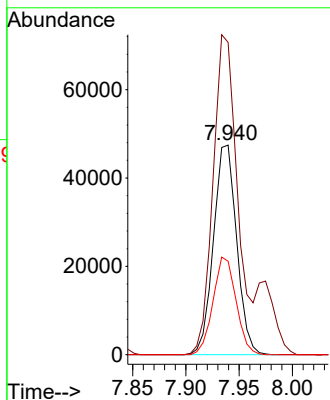
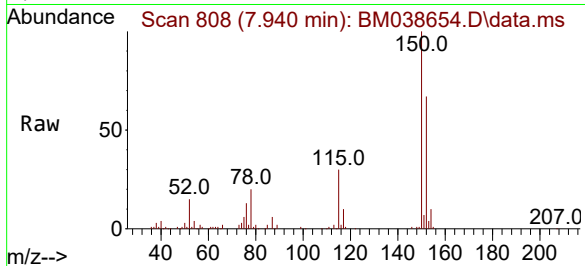




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

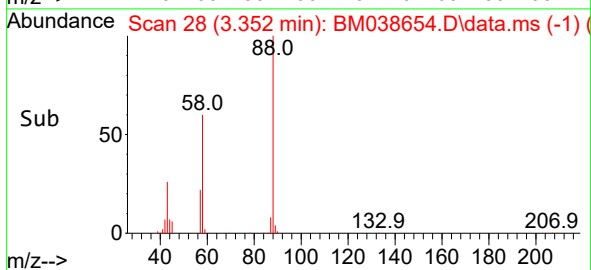
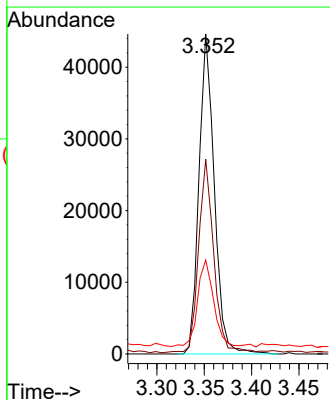
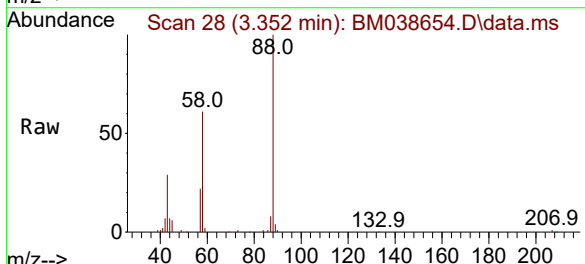
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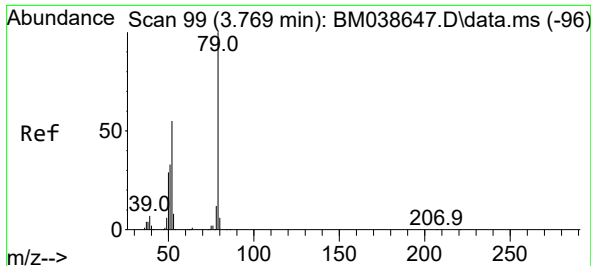
Tgt Ion:152 Resp: 71814
Ion Ratio Lower Upper
152 100
150 149.0 119.5 179.3
115 44.6 37.6 56.4



#2
1,4-Dioxane
Concen: 30.989 ng
RT: 3.352 min Scan# 28
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion: 88 Resp: 50084
Ion Ratio Lower Upper
88 100
58 60.2 47.0 70.4
43 28.2 22.6 33.8

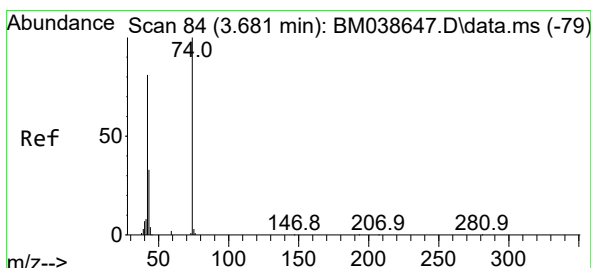
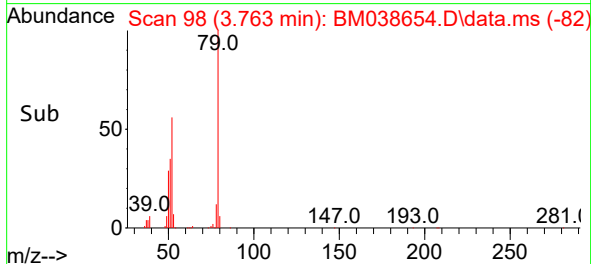
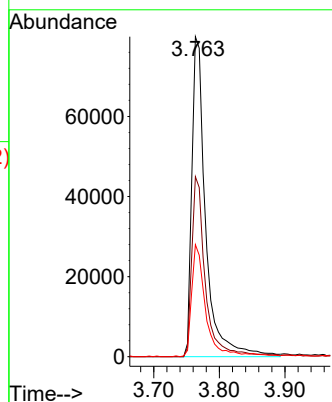
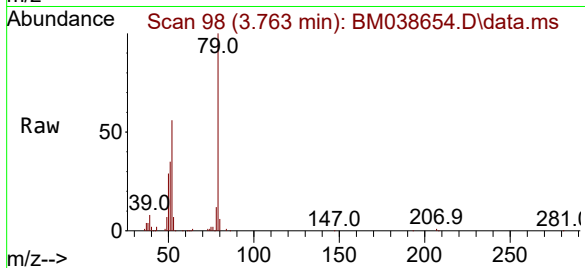




#3
 Pyridine
 Concen: 30.650 ng
 RT: 3.763 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BM038654.D
 Acq: 01 Feb 2023 22:44

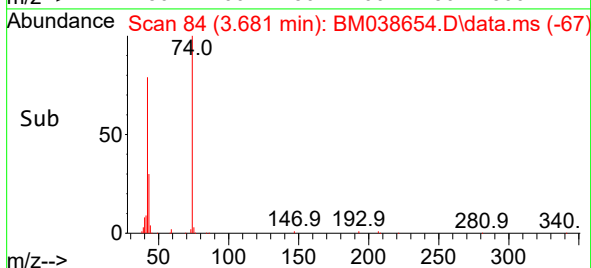
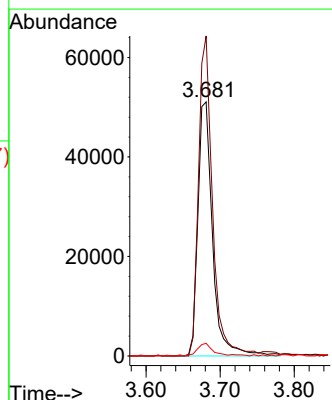
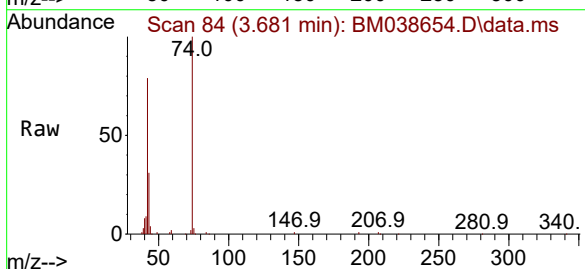
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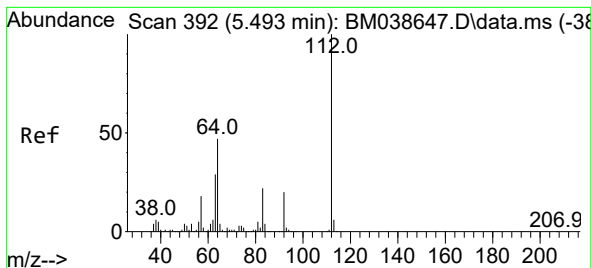
Tgt Ion: 79 Resp: 117790
 Ion Ratio Lower Upper
 79 100
 52 56.2 43.7 65.5
 51 35.0 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 40.595 ng
 RT: 3.681 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BM038654.D
 Acq: 01 Feb 2023 22:44

Tgt Ion: 42 Resp: 70430
 Ion Ratio Lower Upper
 42 100
 74 126.0 98.4 147.6
 44 5.0 3.5 5.3

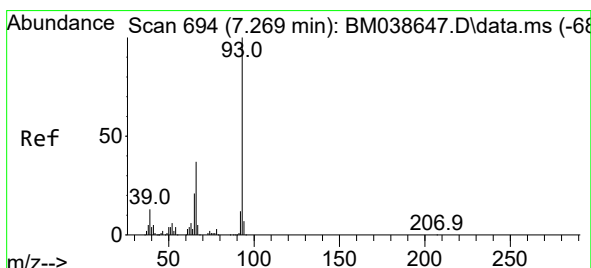
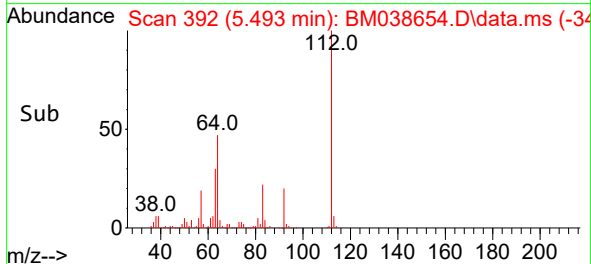
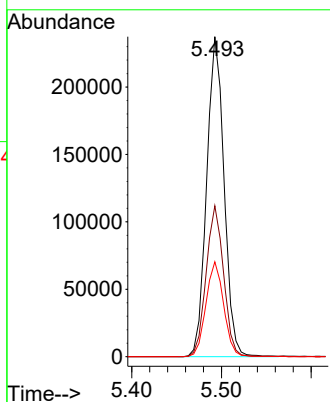
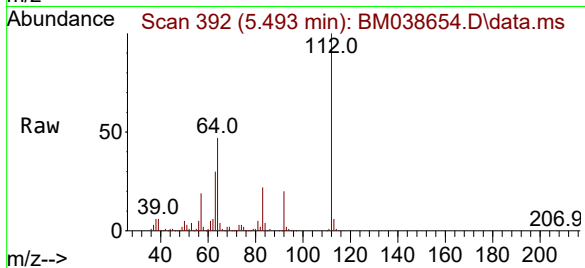




#5
2-Fluorophenol
Concen: 87.227 ng
RT: 5.493 min Scan# 392
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

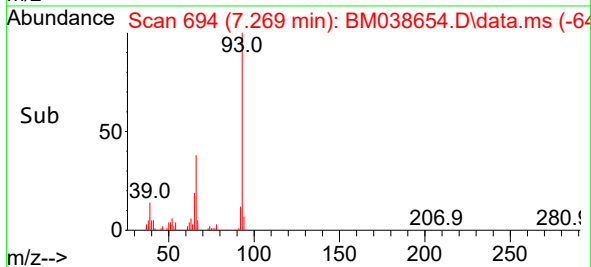
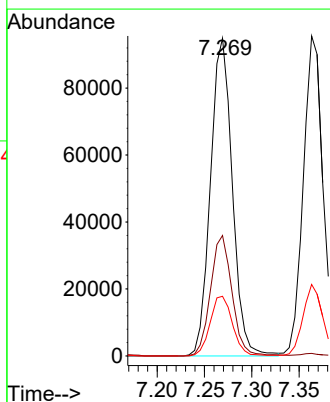
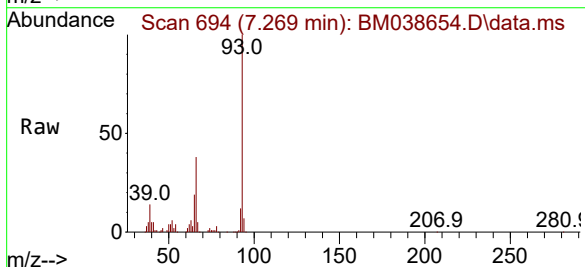
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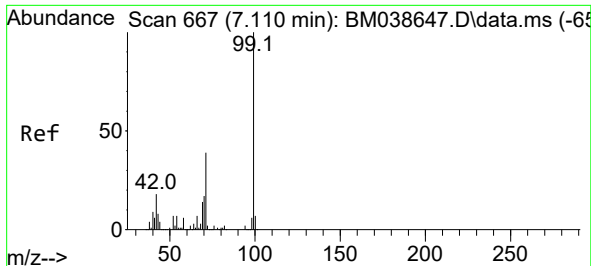
Tgt Ion:112 Resp: 319775
Ion Ratio Lower Upper
112 100
64 47.2 37.9 56.9
63 29.7 23.3 34.9



#6
Aniline
Concen: 29.169 ng
RT: 7.269 min Scan# 694
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion: 93 Resp: 152135
Ion Ratio Lower Upper
93 100
66 37.9 29.8 44.8
65 18.8 16.9 25.3

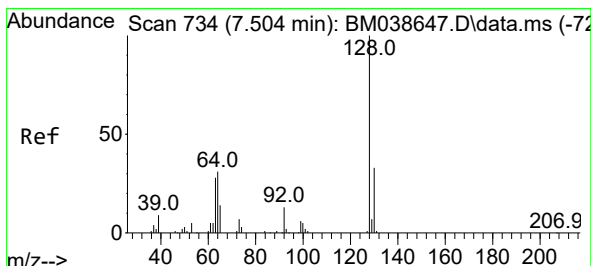
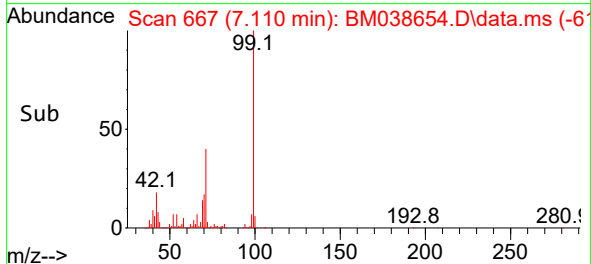
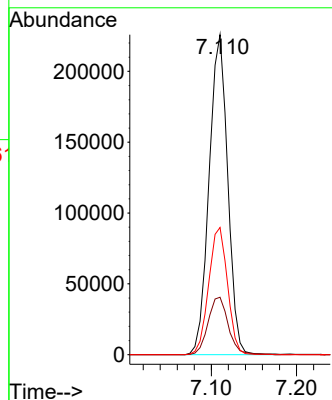
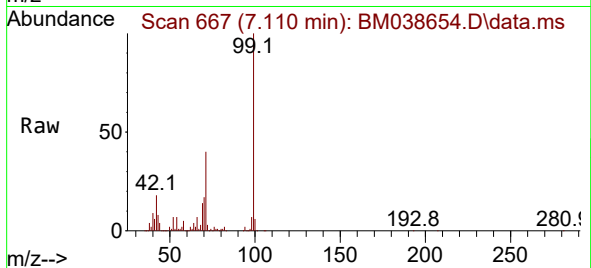




#7
Phenol-d6
Concen: 82.032 ng
RT: 7.110 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

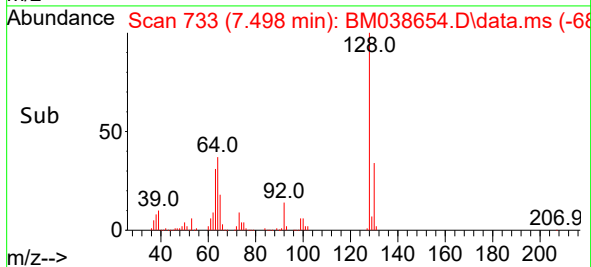
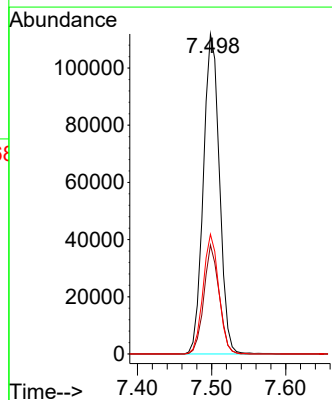
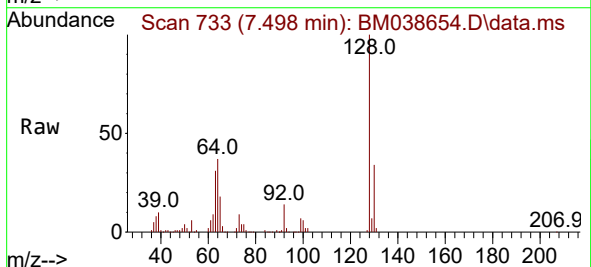
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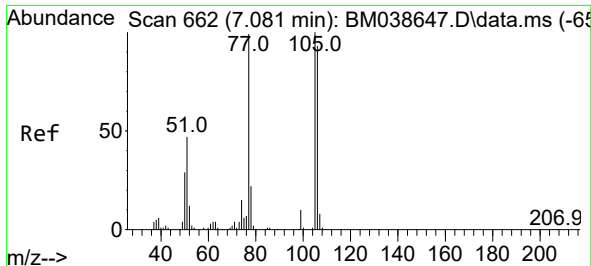
Tgt Ion: 99 Resp: 342993
Ion Ratio Lower Upper
99 100
42 17.9 14.6 22.0
71 39.8 31.0 46.4



#8
2-Chlorophenol
Concen: 42.301 ng
RT: 7.498 min Scan# 733
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion: 128 Resp: 169217
Ion Ratio Lower Upper
128 100
130 34.0 13.2 53.2
64 37.4 17.3 57.3

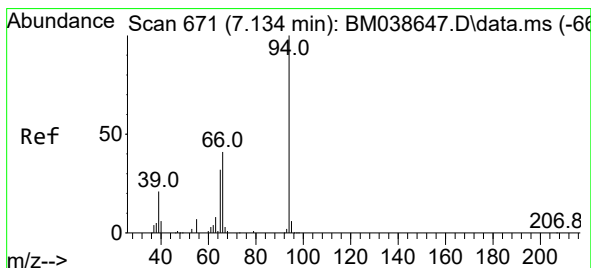
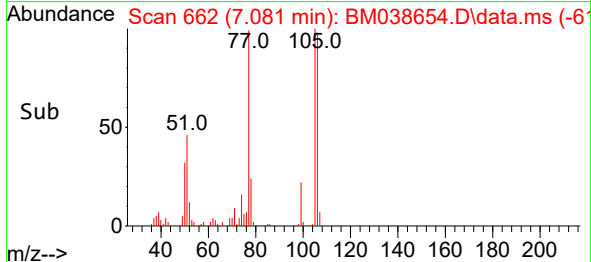
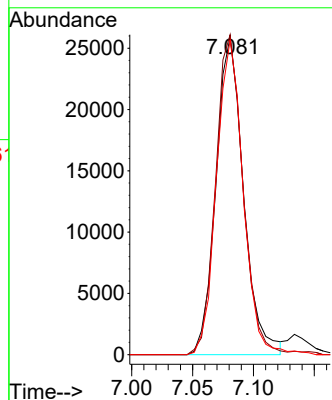
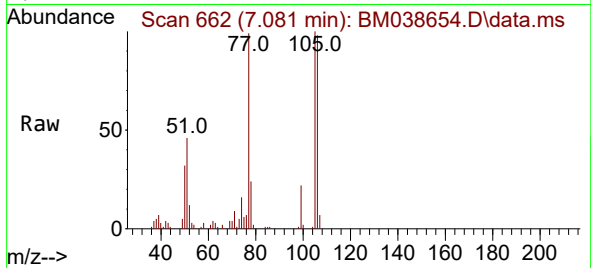




#9
Benzaldehyde
Concen: 22.065 ng
RT: 7.081 min Scan# 662
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

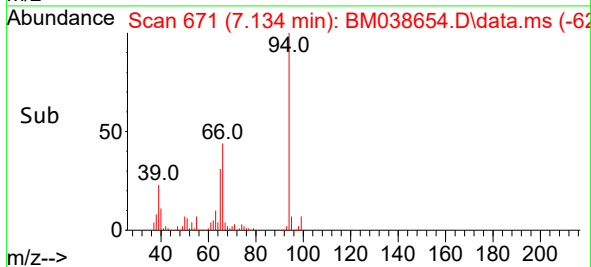
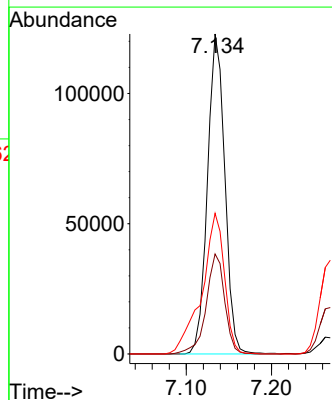
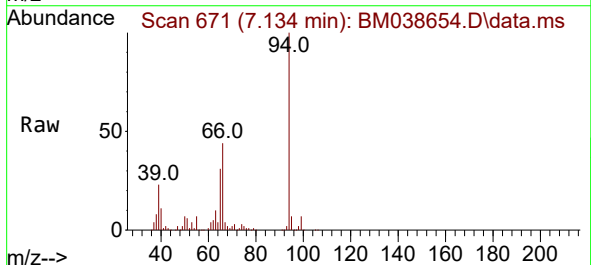
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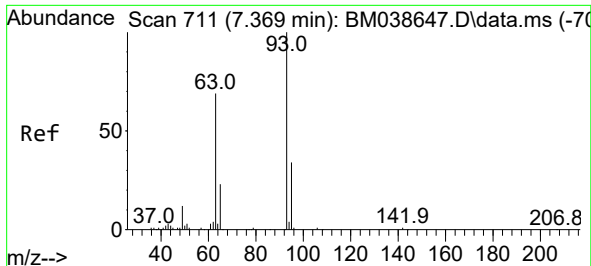
Tgt Ion: 77 Resp: 40664
Ion Ratio Lower Upper
77 100
105 100.7 80.8 120.8
106 99.0 73.8 113.8



#10
Phenol
Concen: 41.112 ng
RT: 7.134 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM038654.D
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Tgt Ion: 94 Resp: 173660
Ion Ratio Lower Upper
94 100
65 31.3 12.3 52.3
66 44.0 24.2 64.2

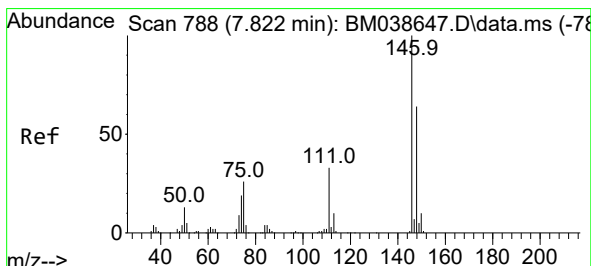
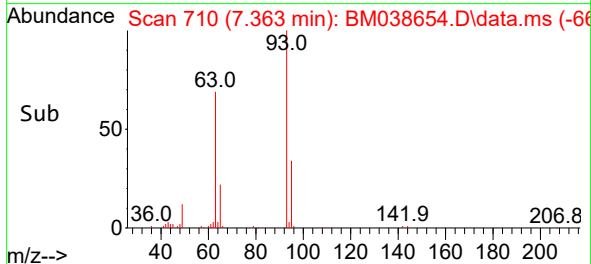
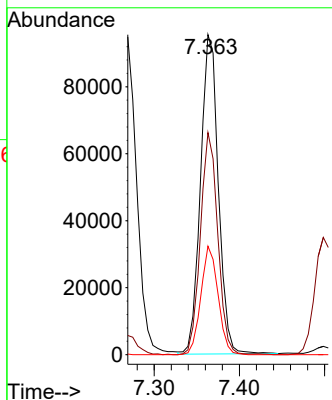
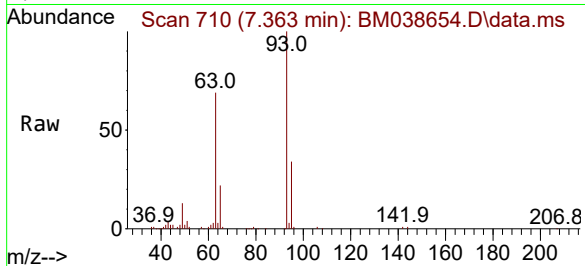




#11
bis(2-Chloroethyl)ether
Concen: 40.422 ng
RT: 7.363 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

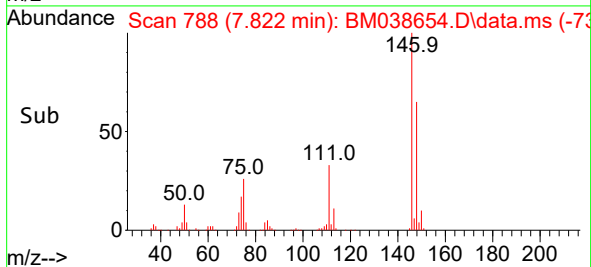
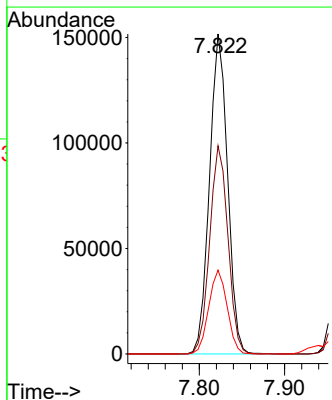
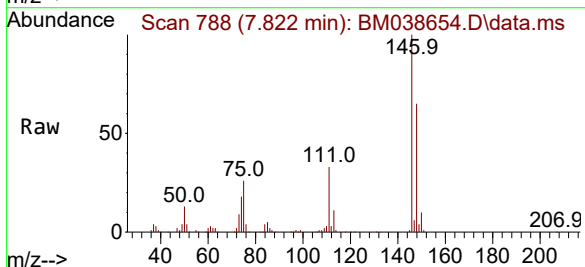
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

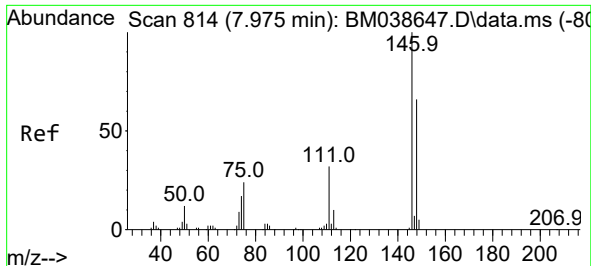
Tgt Ion: 93 Resp: 138277
Ion Ratio Lower Upper
93 100
63 69.4 48.5 88.5
95 33.9 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 43.717 ng
RT: 7.822 min Scan# 788
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:146 Resp: 223440
Ion Ratio Lower Upper
146 100
148 65.1 51.5 77.3
75 26.2 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 43.389 ng

RT: 7.975 min Scan# 814

Delta R.T. 0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB150362BSD

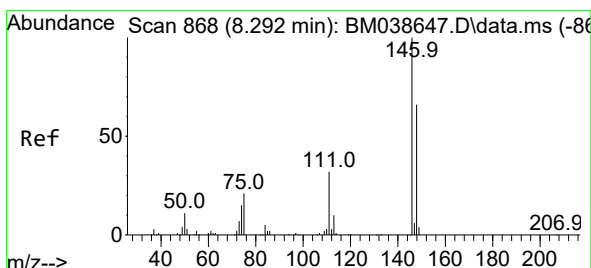
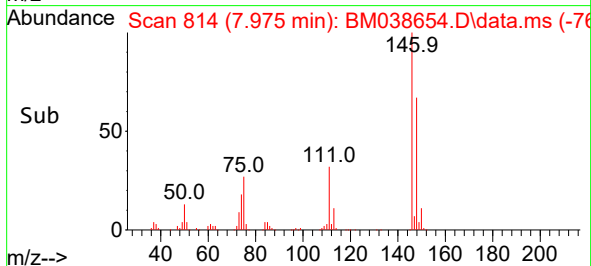
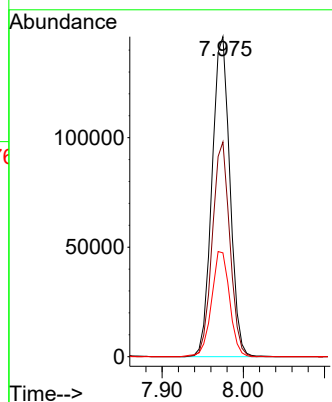
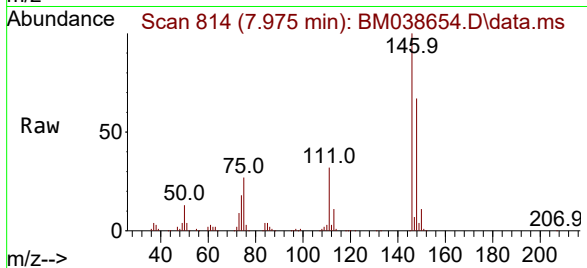
Tgt Ion:146 Resp: 223808

Ion Ratio Lower Upper

146 100

148 67.1 53.1 79.7

111 32.4 25.9 38.9



#14

1,2-Dichlorobenzene

Concen: 43.637 ng

RT: 8.287 min Scan# 867

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

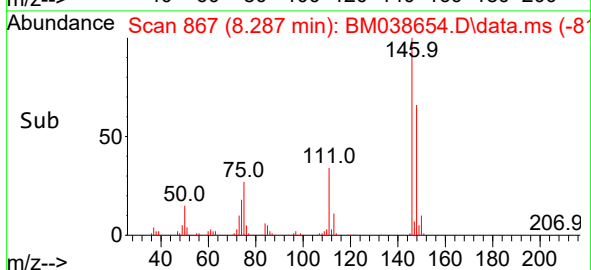
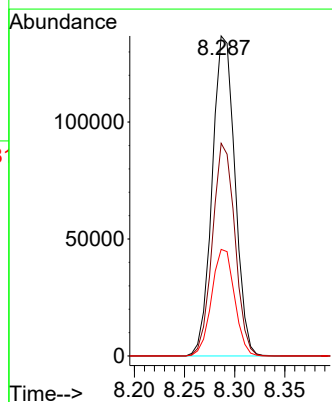
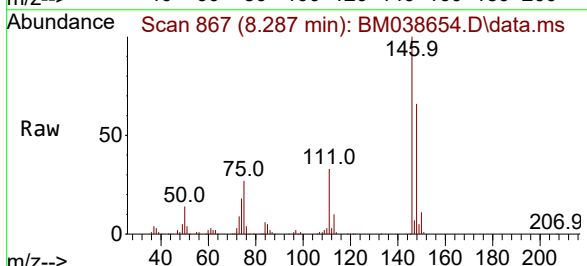
Tgt Ion:146 Resp: 215633

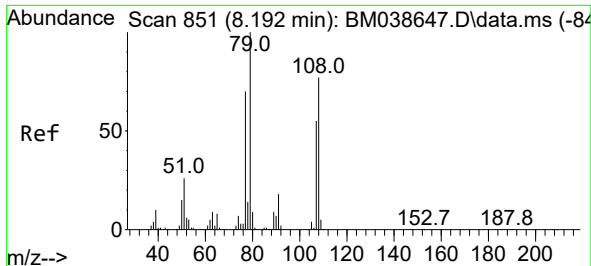
Ion Ratio Lower Upper

146 100

148 66.4 52.9 79.3

111 33.3 26.2 39.2

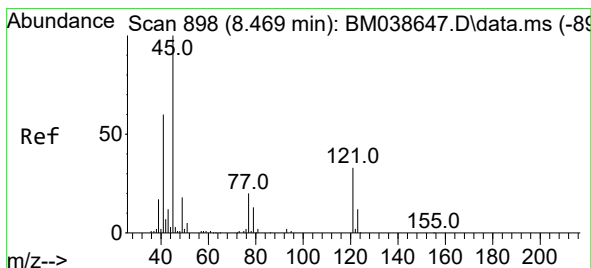
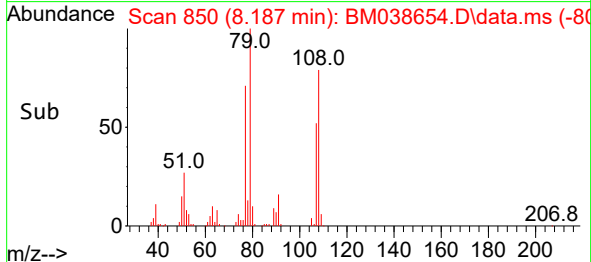
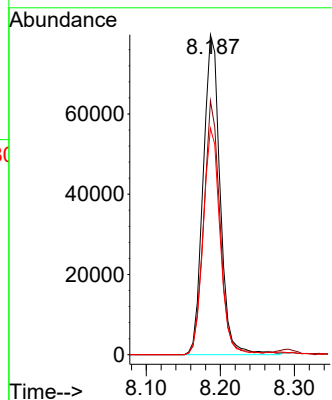
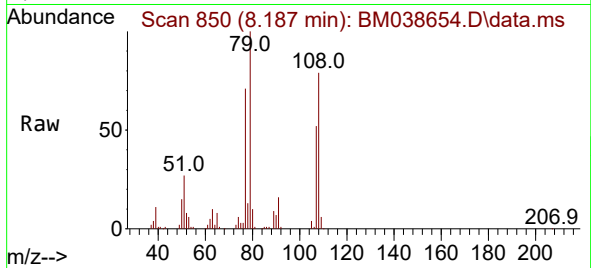




#15
Benzyl Alcohol
Concen: 41.263 ng
RT: 8.187 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

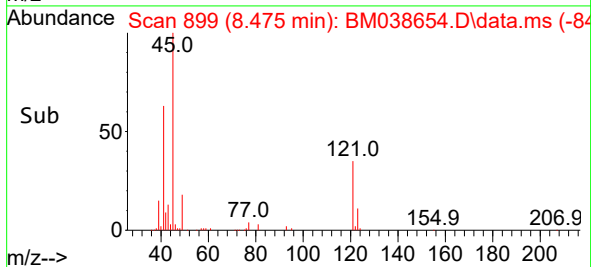
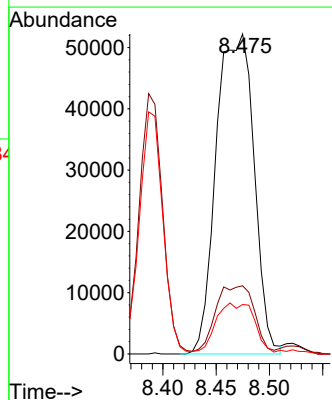
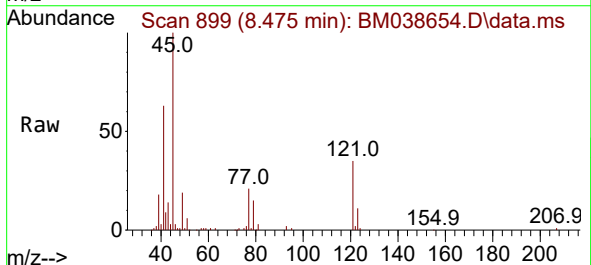
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

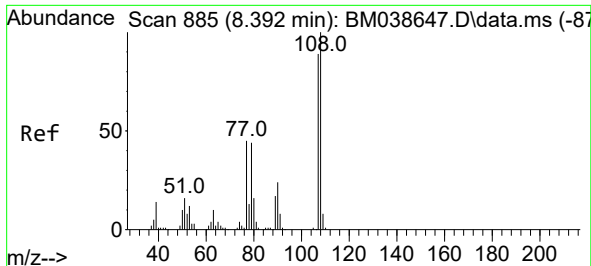
Tgt Ion: 79 Resp: 126986
Ion Ratio Lower Upper
79 100
108 79.3 61.9 92.9
77 70.8 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.643 ng
RT: 8.475 min Scan# 899
Delta R.T. 0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion: 45 Resp: 128452
Ion Ratio Lower Upper
45 100
77 21.3 1.1 41.1
79 15.5 0.0 34.6

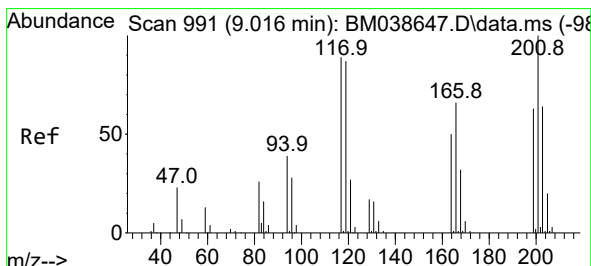
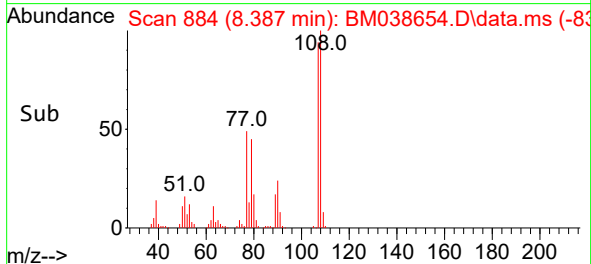
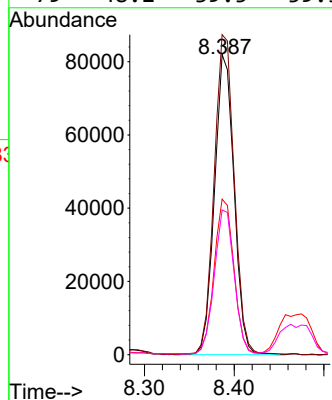
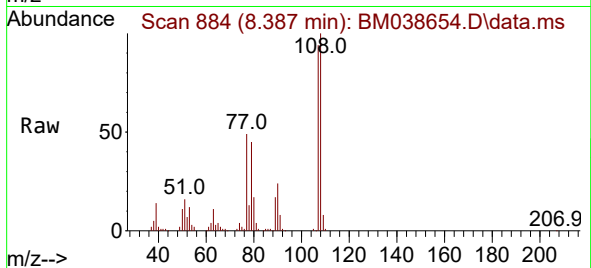




#17
2-Methylphenol
Concen: 38.234 ng
RT: 8.387 min Scan# 885
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

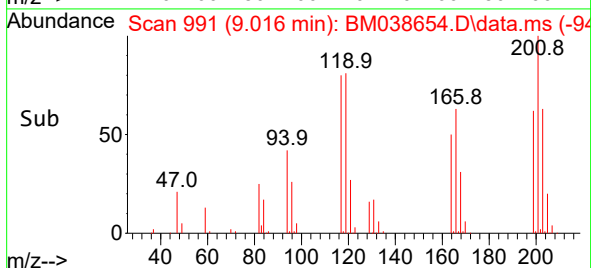
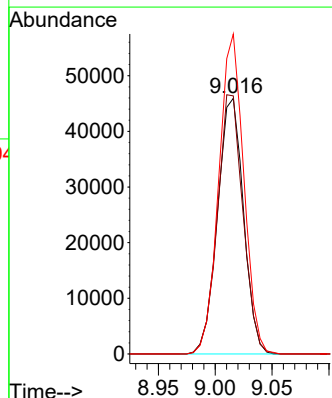
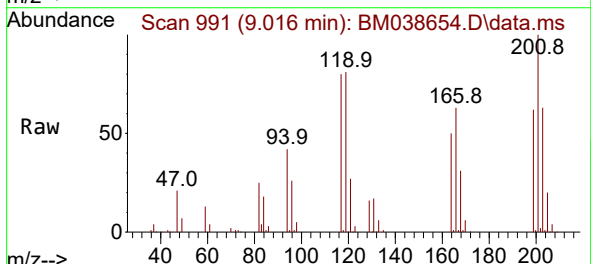
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

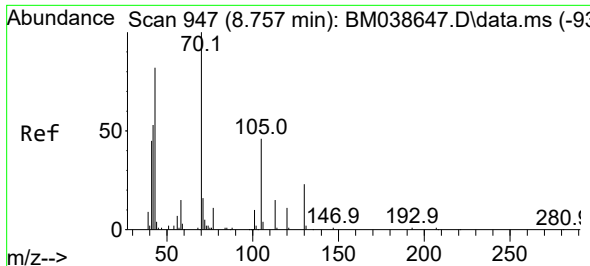
Tgt Ion:	107	Resp:	123878
Ion	Ratio	Lower	Upper
107	100		
108	106.6	89.6	134.4
77	51.8	40.7	61.1
79	48.2	39.5	59.3



#18
Hexachloroethane
Concen: 43.812 ng
RT: 9.016 min Scan# 991
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:	117	Resp:	72984
Ion	Ratio	Lower	Upper
117	100		
119	101.0	78.6	117.8
201	125.2	90.2	135.2

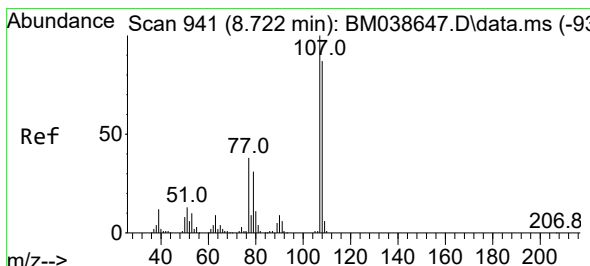
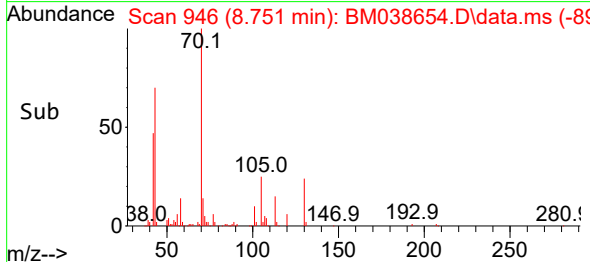
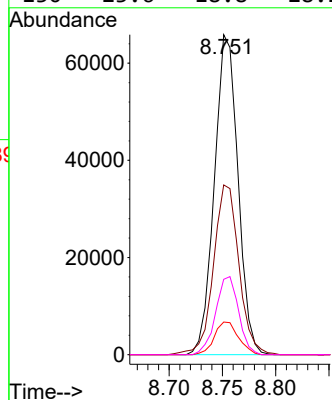
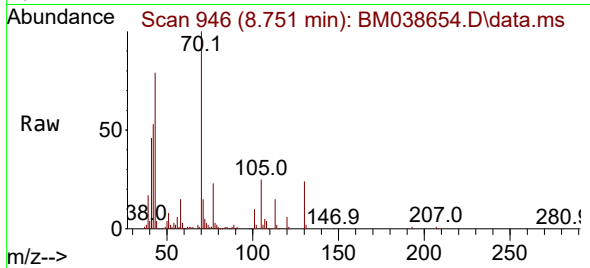




#19
n-Nitroso-di-n-propylamine
Concen: 40.281 ng
RT: 8.751 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

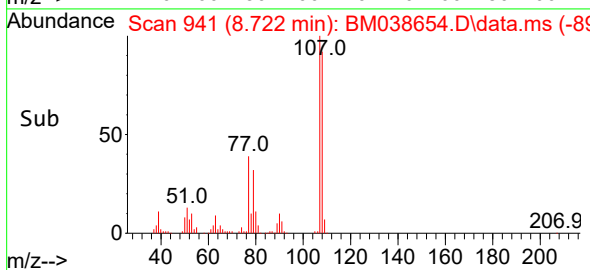
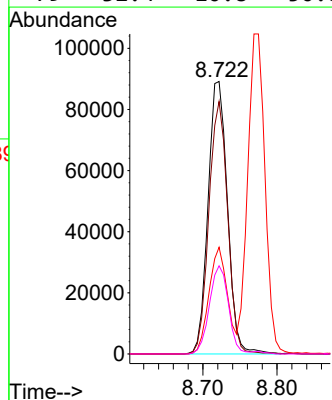
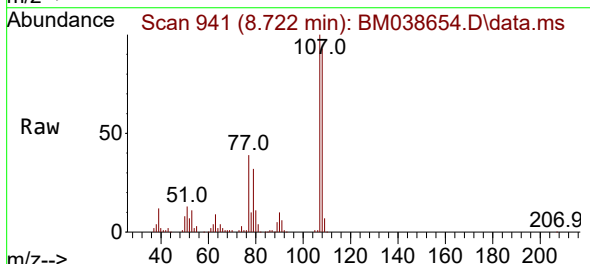
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

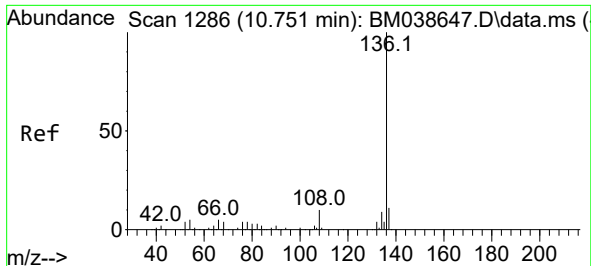
Tgt Ion: 70 Resp: 101519
Ion Ratio Lower Upper
70 100
42 53.1 43.4 65.2
101 10.2 8.2 12.2
130 23.6 18.8 28.2



#20
3+4-Methylphenols
Concen: 37.607 ng
RT: 8.722 min Scan# 941
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion: 107 Resp: 162454
Ion Ratio Lower Upper
107 100
108 92.6 67.2 107.2
77 39.1 17.5 57.5
79 32.4 10.8 50.8

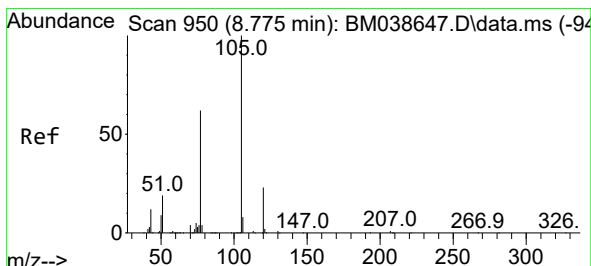
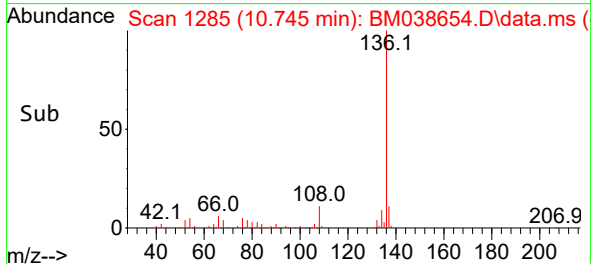
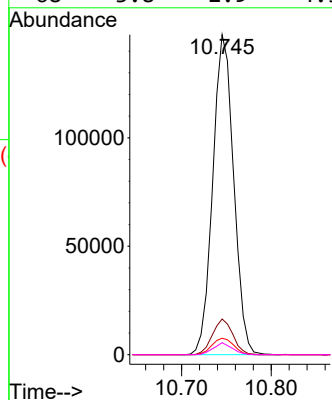
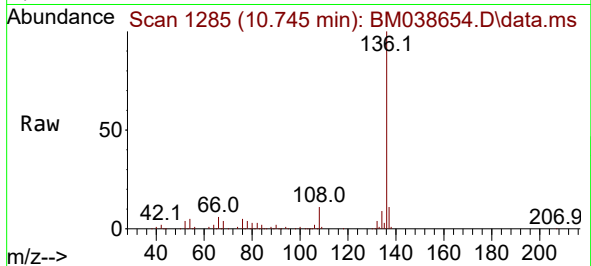




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

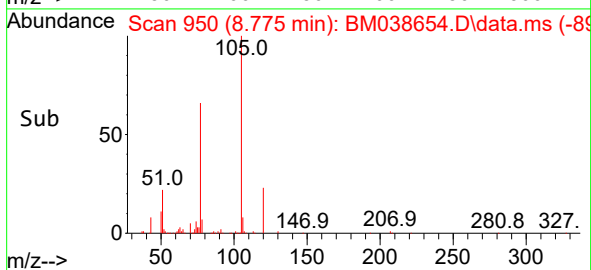
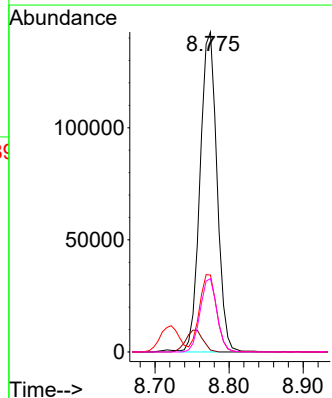
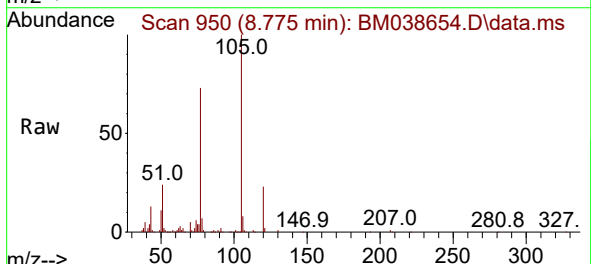
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

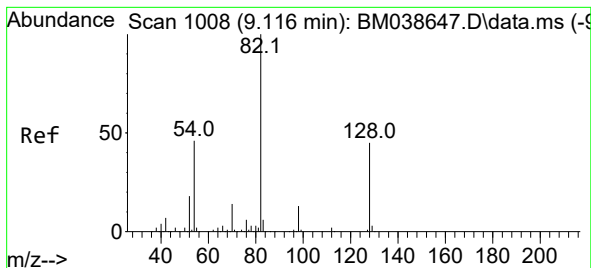
Tgt Ion:136 Resp: 238532
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 5.1 4.2 6.4
68 3.8 2.9 4.3



#22
Acetophenone
Concen: 39.726 ng
RT: 8.775 min Scan# 950
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:105 Resp: 225979
Ion Ratio Lower Upper
105 100
71 0.6 0.9 1.3#
51 24.1 19.3 28.9
120 22.9 18.0 27.0





#23

Nitrobenzene-d5

Concen: 82.312 ng

RT: 9.116 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB150362BSD

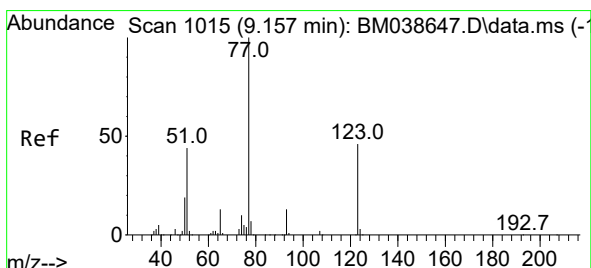
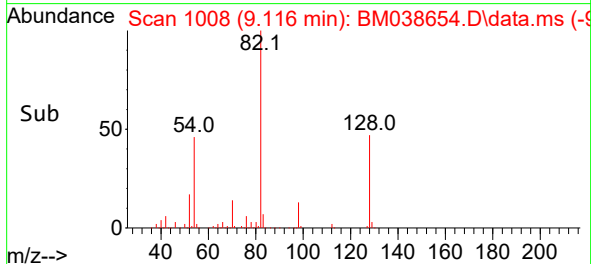
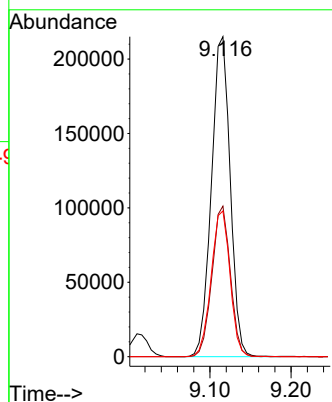
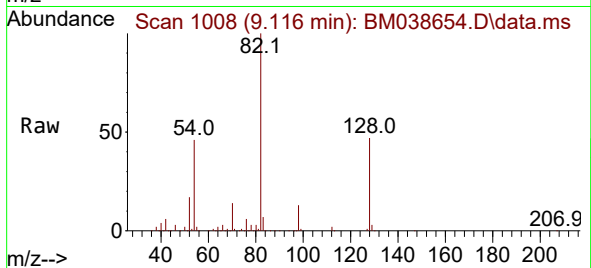
Tgt Ion: 82 Resp: 345669

Ion Ratio Lower Upper

82 100

128 47.0 36.0 54.0

54 45.6 36.8 55.2



#24

Nitrobenzene

Concen: 39.239 ng

RT: 9.157 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

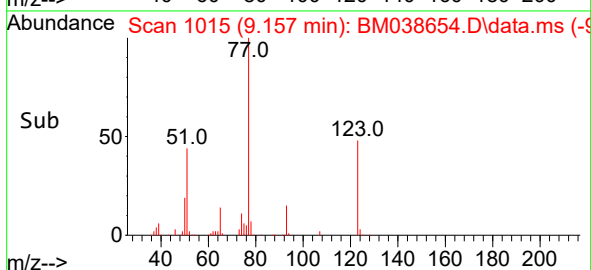
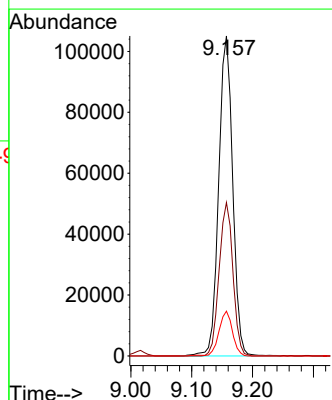
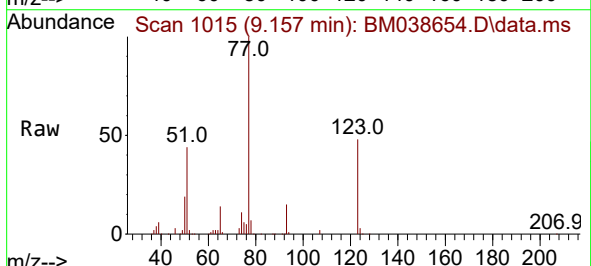
Tgt Ion: 77 Resp: 167256

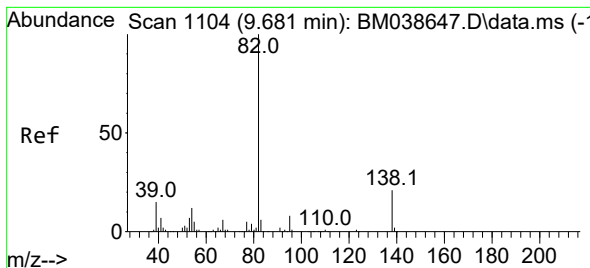
Ion Ratio Lower Upper

77 100

123 48.0 36.5 54.7

65 14.0 10.7 16.1





#25

Isophorone

Concen: 37.440 ng

RT: 9.681 min Scan# 1104

Delta R.T. 0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB150362BSD

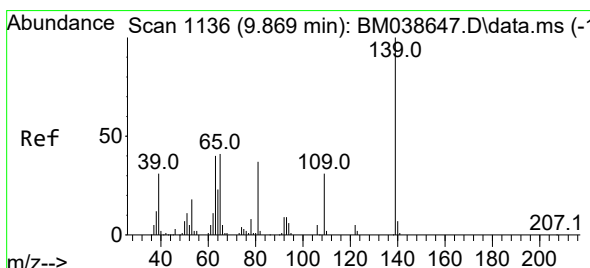
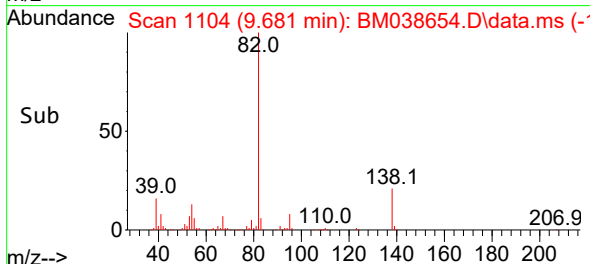
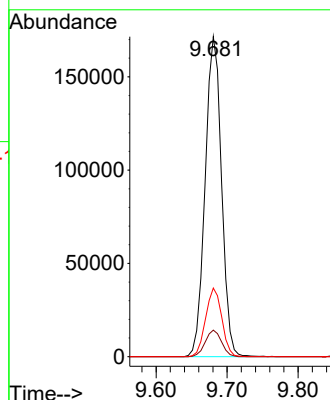
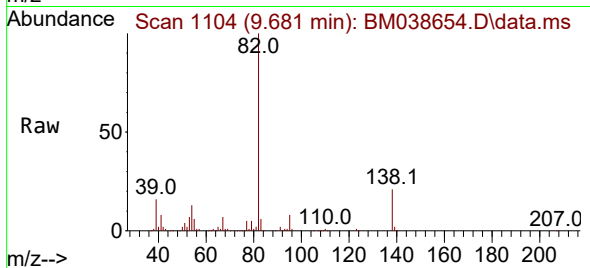
Tgt Ion: 82 Resp: 275432

Ion Ratio Lower Upper

82 100

95 8.3 6.4 9.6

138 21.5 17.0 25.6



#26

2-Nitrophenol

Concen: 41.342 ng

RT: 9.863 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

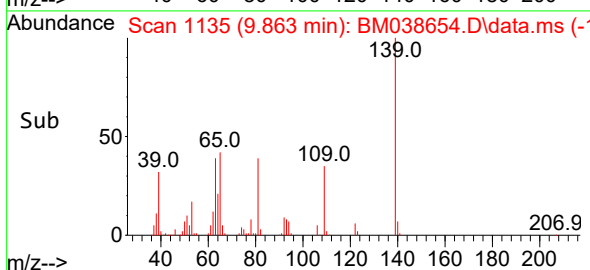
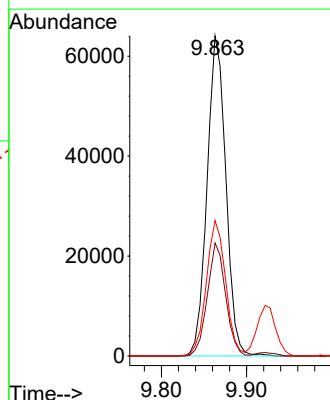
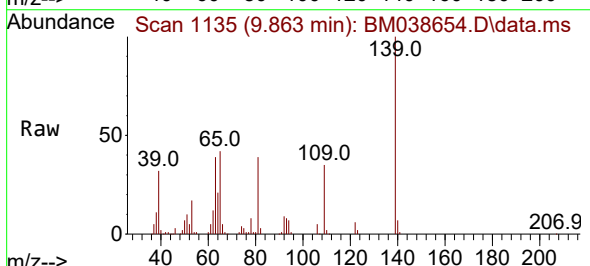
Tgt Ion: 139 Resp: 98057

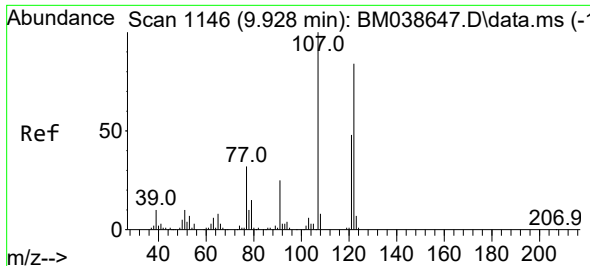
Ion Ratio Lower Upper

139 100

109 35.3 24.5 36.7

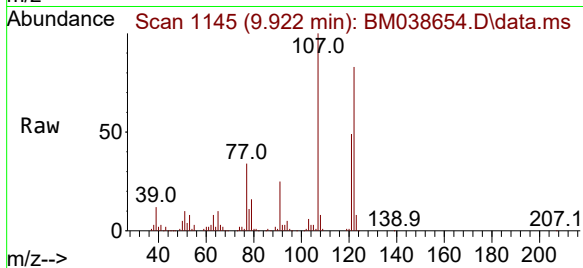
65 42.3 32.6 49.0



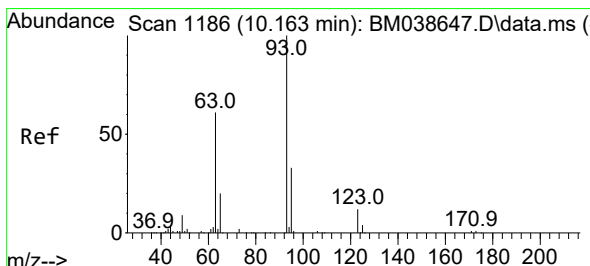
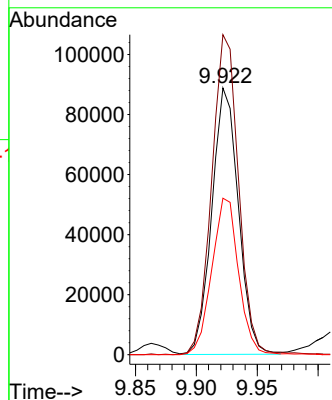
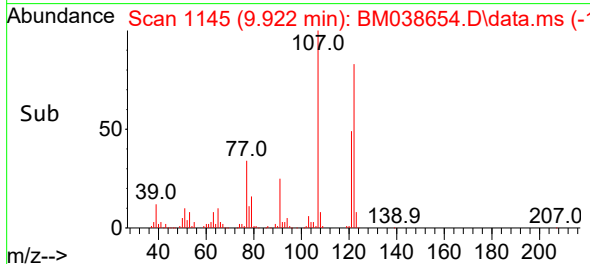


#27
2,4-Dimethylphenol
Concen: 39.340 ng
RT: 9.922 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Instrument :
BNA_M
ClientSampleId :
PB150362BSD

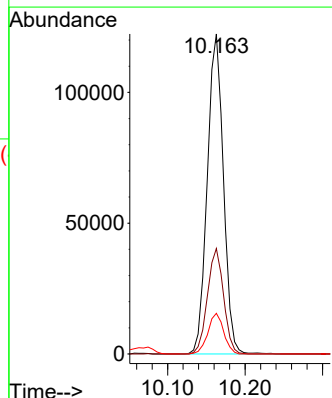
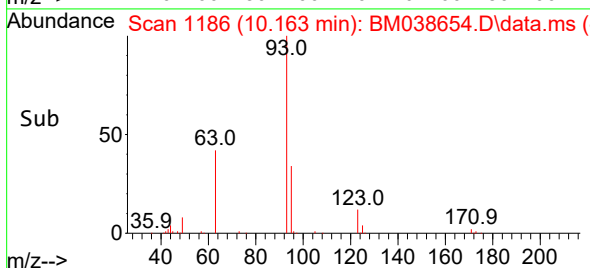
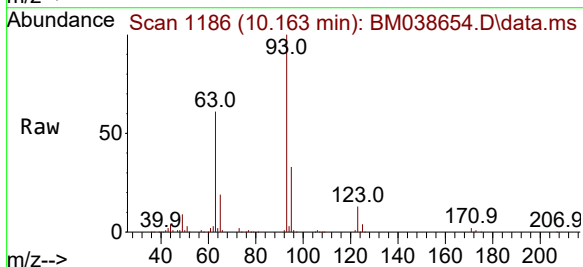


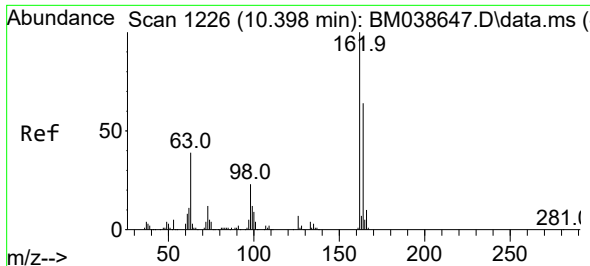
Tgt Ion:122 Resp: 134627
Ion Ratio Lower Upper
122 100
107 120.0 94.9 142.3
121 58.7 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.396 ng
RT: 10.163 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion: 93 Resp: 177120
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 12.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 40.562 ng

RT: 10.398 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB150362BSD

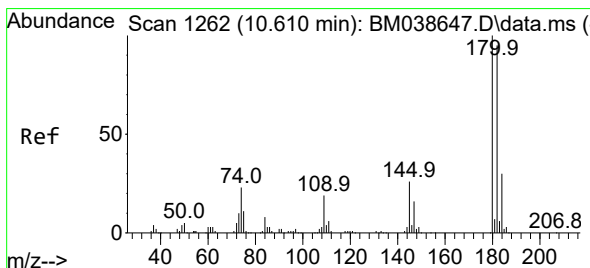
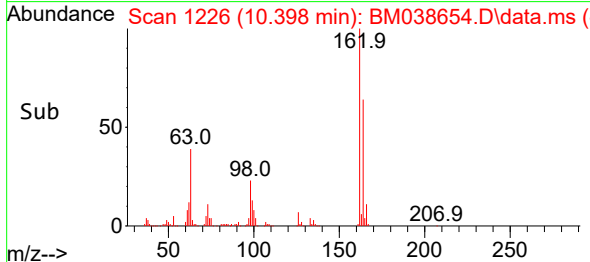
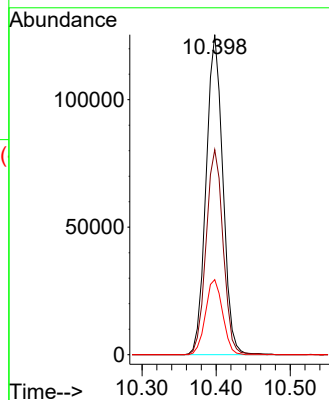
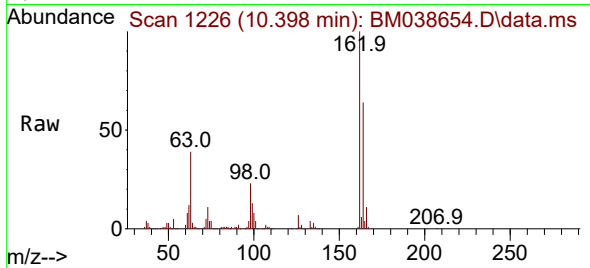
Tgt Ion:162 Resp: 197209

Ion Ratio Lower Upper

162 100

164 64.0 44.3 84.3

98 23.5 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 42.426 ng

RT: 10.610 min Scan# 1262

Delta R.T. -0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

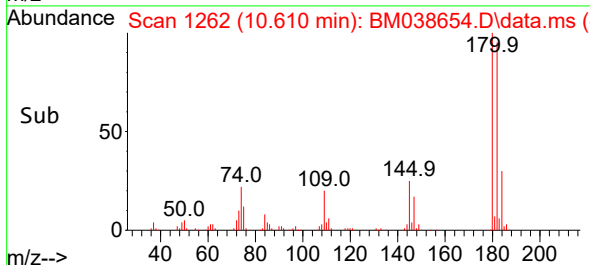
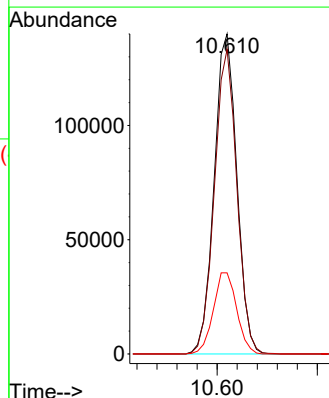
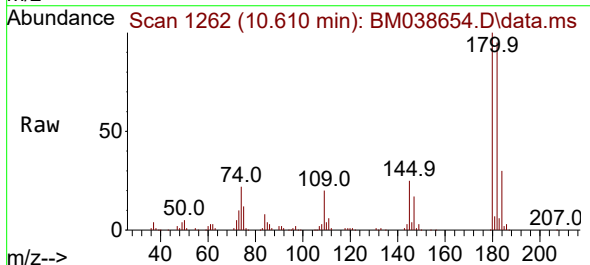
Tgt Ion:180 Resp: 219412

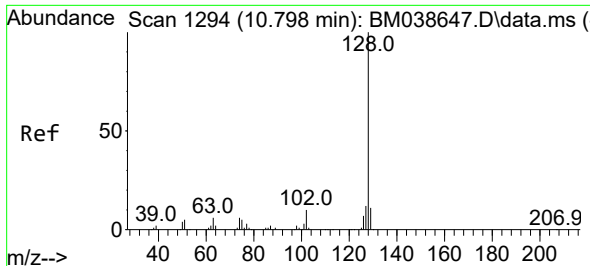
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 25.4 20.8 31.2

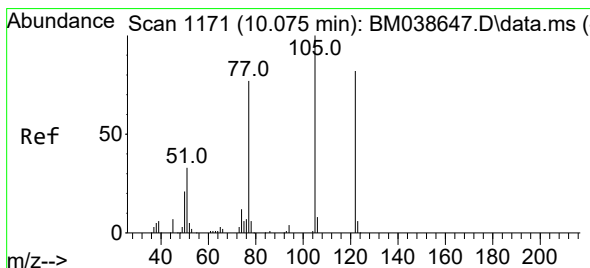
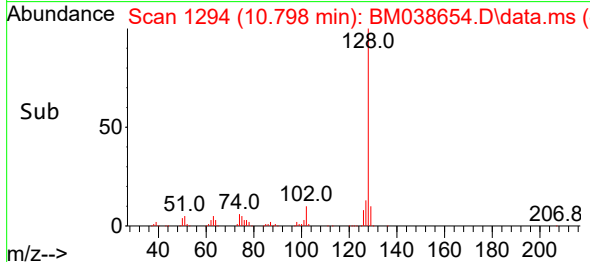
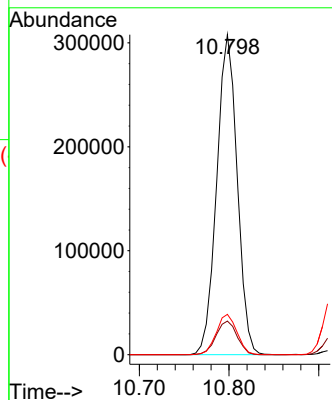
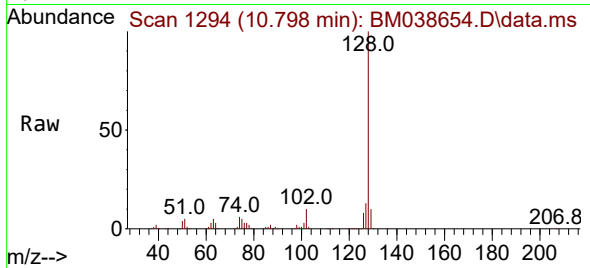




#31
Naphthalene
Concen: 39.837 ng
RT: 10.798 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

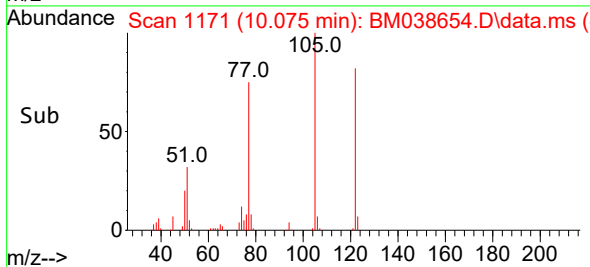
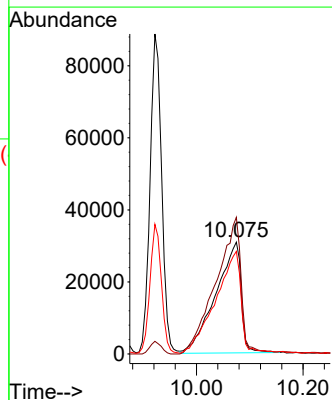
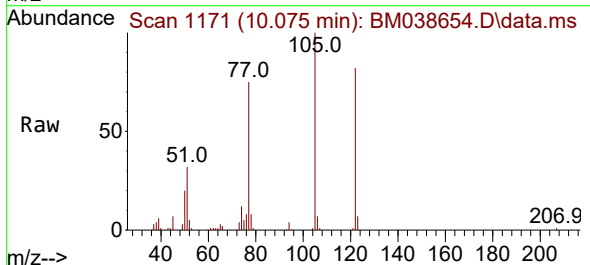
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

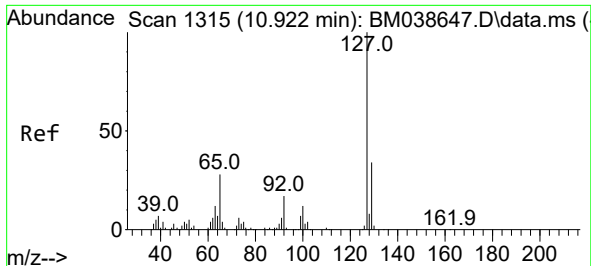
Tgt Ion:128 Resp: 487617
Ion Ratio Lower Upper
128 100
129 10.5 9.1 13.7
127 12.6 9.9 14.9



#32
Benzoic acid
Concen: 36.781 ng
RT: 10.075 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:122 Resp: 101890
Ion Ratio Lower Upper
122 100
105 122.1 99.2 139.2
77 91.6 72.3 112.3

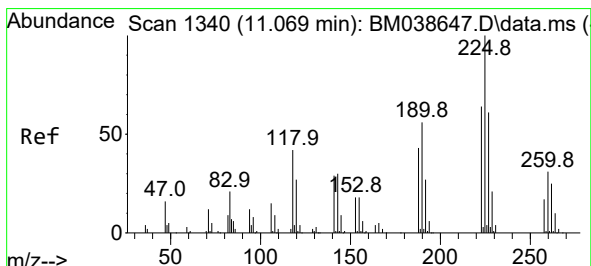
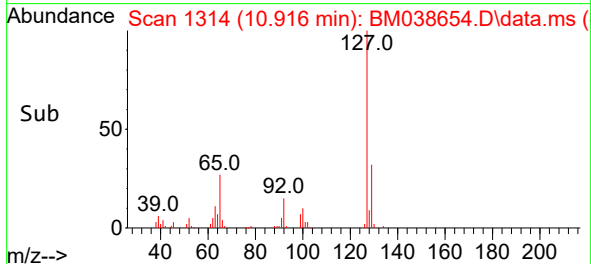
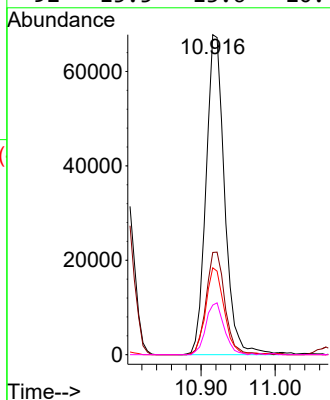
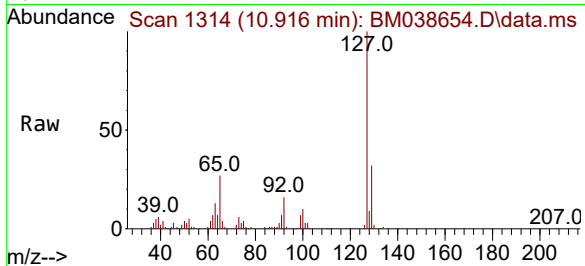




#33
4-Chloroaniline
Concen: 22.007 ng
RT: 10.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

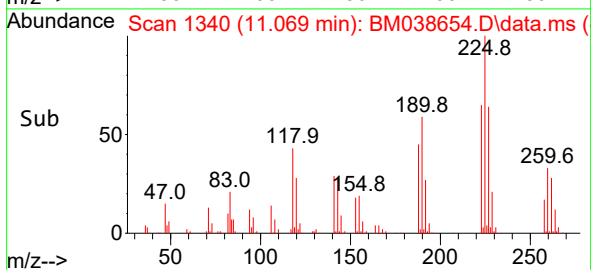
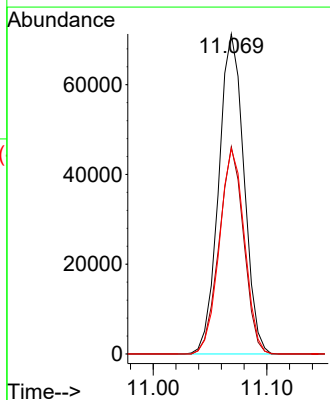
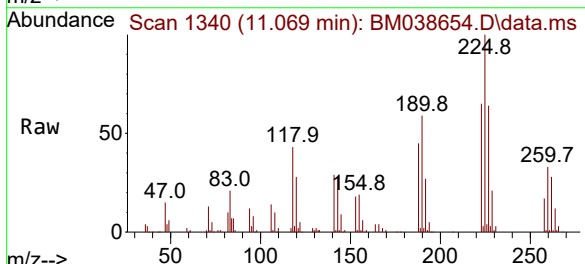
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

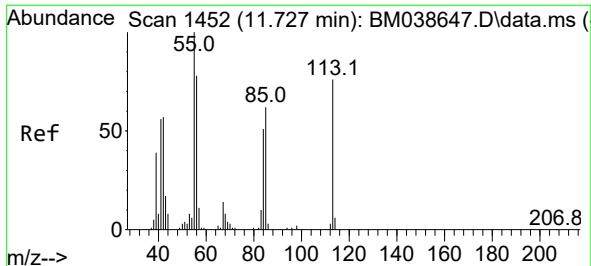
Tgt Ion:	127	Resp:	118054
Ion Ratio	Lower	Upper	
127	100		
129	32.0	27.1	40.7
65	27.1	22.2	33.4
92	15.5	13.6	20.4



#34
Hexachlorobutadiene
Concen: 42.513 ng
RT: 11.069 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:	225	Resp:	110138
Ion Ratio	Lower	Upper	
225	100		
223	64.8	51.0	76.4
227	64.1	49.2	73.8

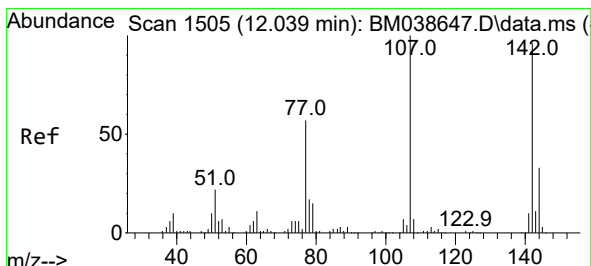
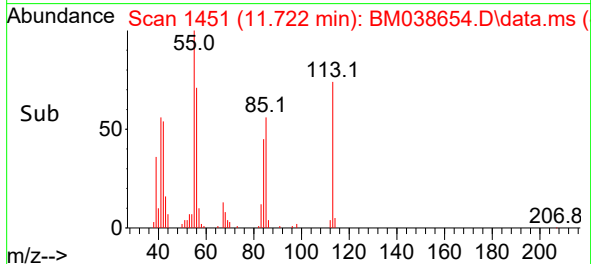
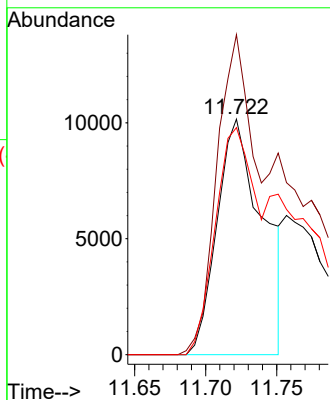
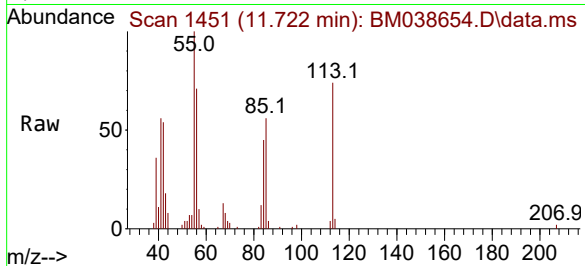




#35
Caprolactam
Concen: 21.509 ng
RT: 11.722 min Scan# 1452
Delta R.T. -0.005 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

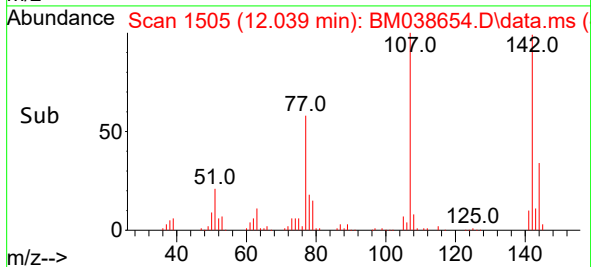
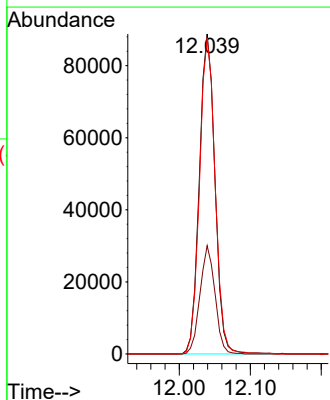
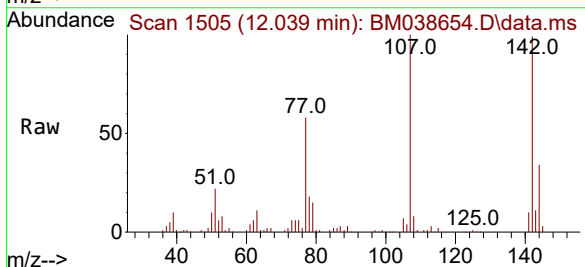
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

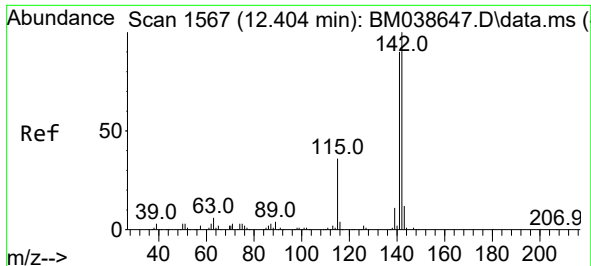
Tgt Ion:113 Resp: 22522
Ion Ratio Lower Upper
113 100
55 135.9 111.2 151.2
56 96.4 82.0 122.0



#36
4-Chloro-3-methylphenol
Concen: 37.749 ng
RT: 12.039 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:107 Resp: 135710
Ion Ratio Lower Upper
107 100
144 33.9 26.5 39.7
142 98.8 77.0 115.6

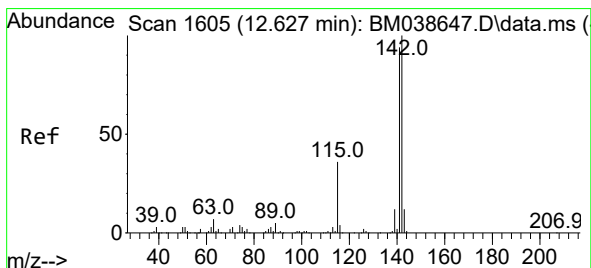
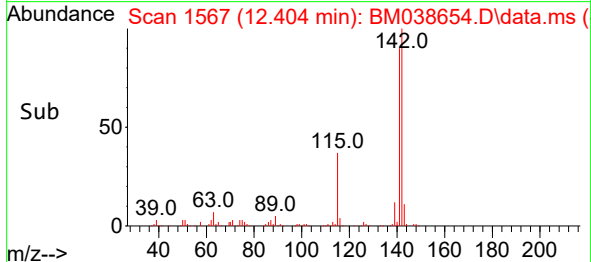
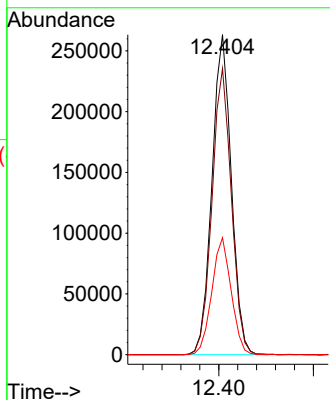
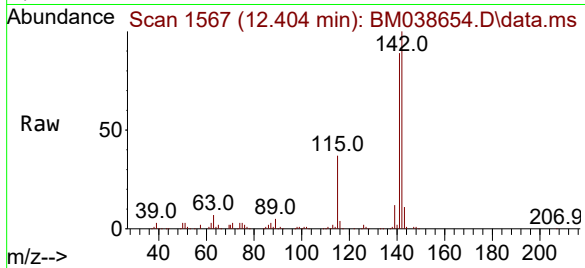




#37
2-Methylnaphthalene
Concen: 37.853 ng
RT: 12.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

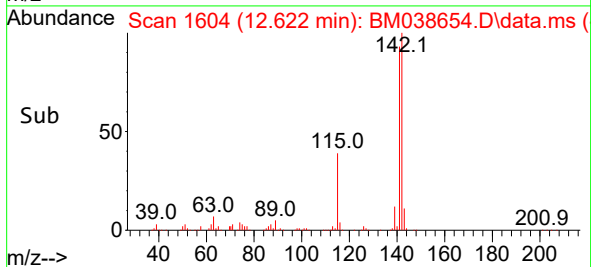
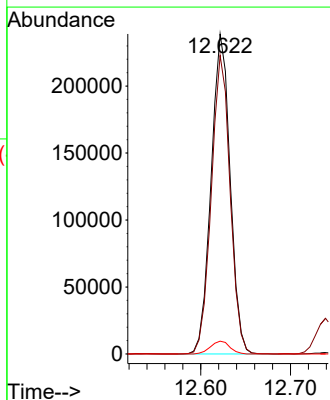
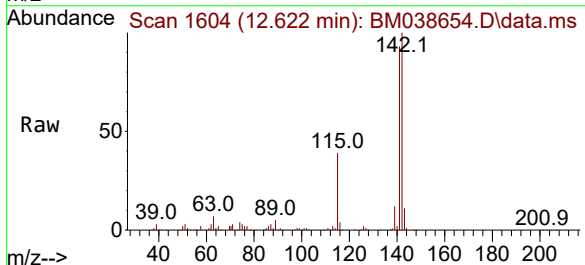
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

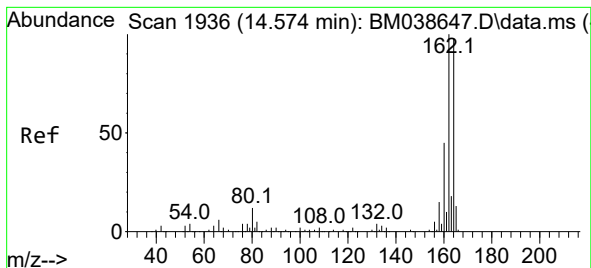
Tgt Ion:142 Resp: 374423
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.8
115 36.5 28.7 43.1



#38
1-Methylnaphthalene
Concen: 37.753 ng
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:142 Resp: 351889
Ion Ratio Lower Upper
142 100
141 93.3 75.5 113.3
116 4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB150362BSD

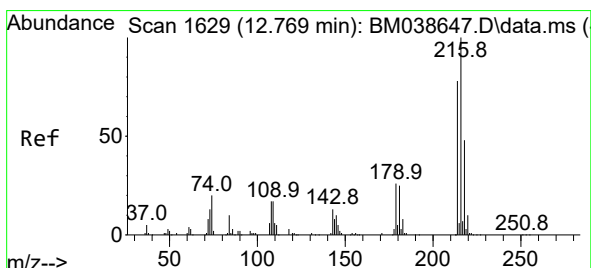
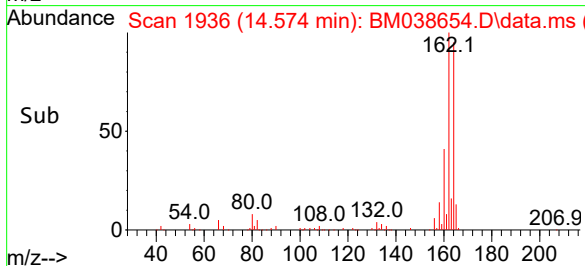
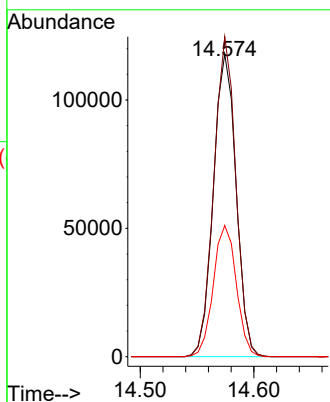
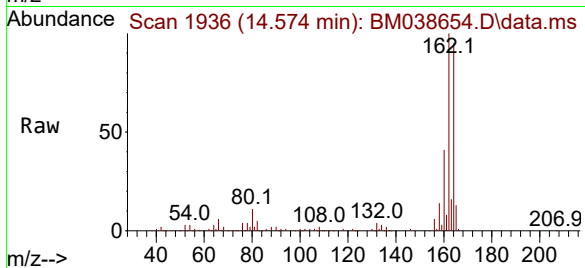
Tgt Ion:164 Resp: 163683

Ion Ratio Lower Upper

164 100

162 105.7 81.4 122.0

160 43.3 36.5 54.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.258 ng

RT: 12.769 min Scan# 1629

Delta R.T. -0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Tgt Ion:216 Resp: 180013

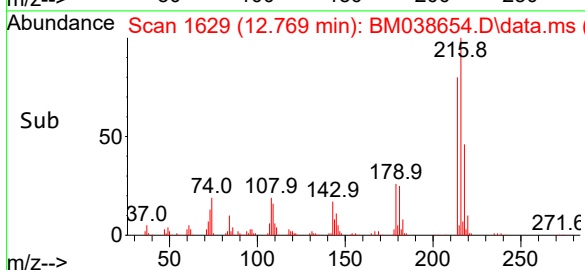
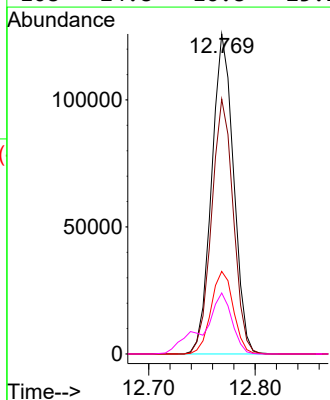
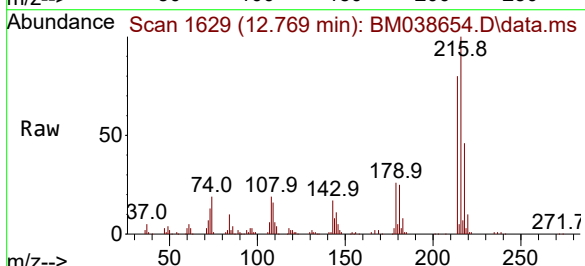
Ion Ratio Lower Upper

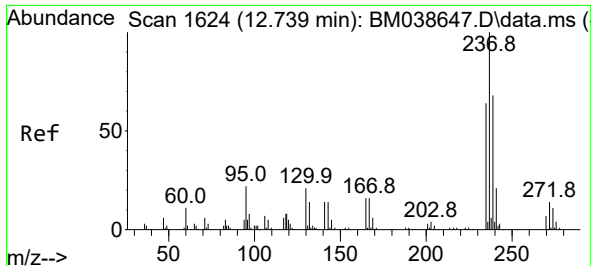
216 100

214 78.9 63.4 95.0

179 26.3 21.0 31.4

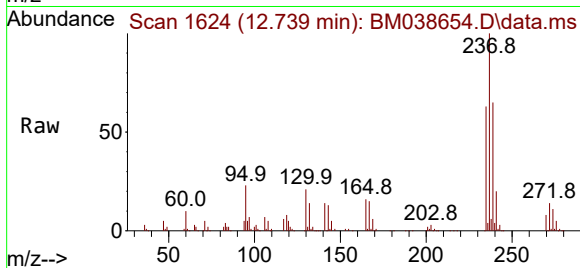
108 24.8 16.8 25.2



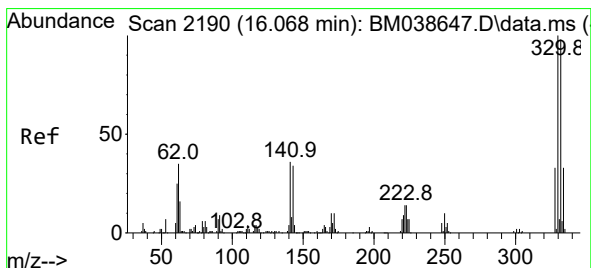
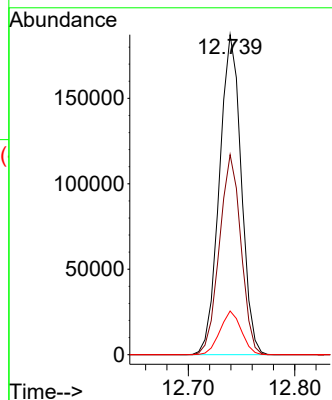
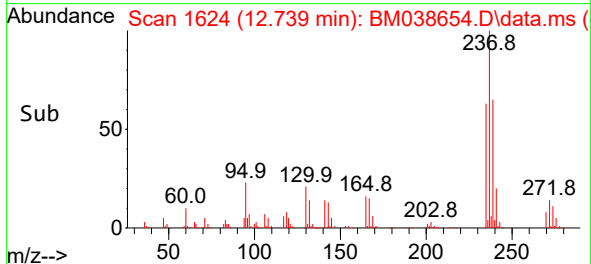


#41
Hexachlorocyclopentadiene
Concen: 100.773 ng
RT: 12.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

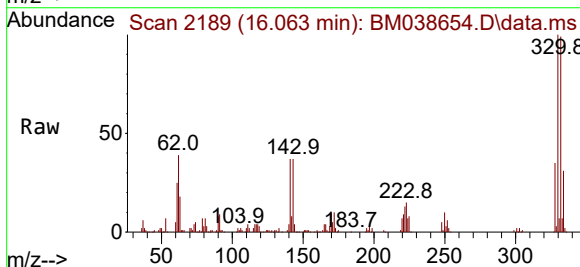
Instrument :
BNA_M
ClientSampleId :
PB150362BSD



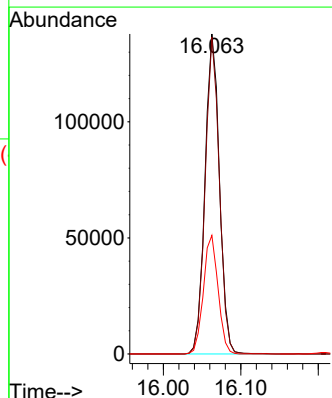
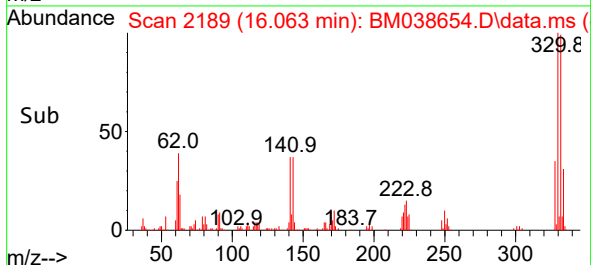
Tgt Ion:237 Resp: 266384
Ion Ratio Lower Upper
237 100
235 62.5 43.8 83.8
272 13.7 0.0 33.8

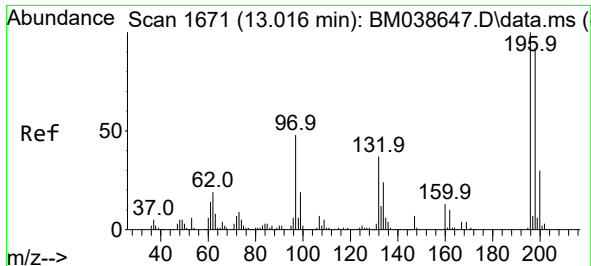


#42
2,4,6-Tribromophenol
Concen: 80.225 ng
RT: 16.063 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44



Tgt Ion:330 Resp: 178486
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 37.5 31.0 46.6

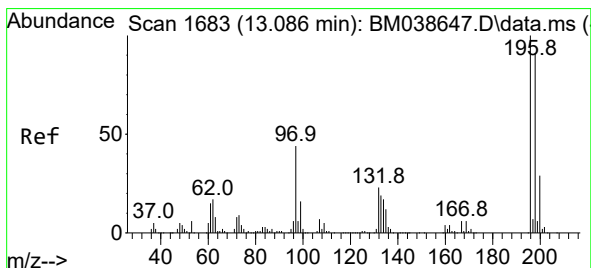
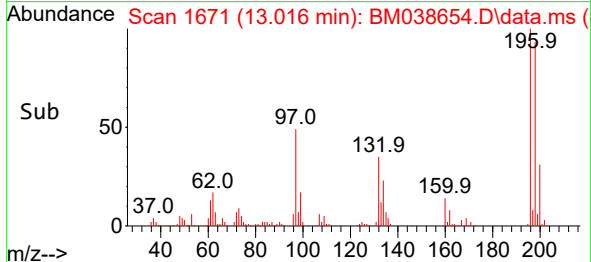
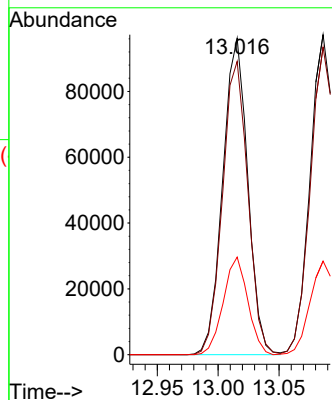
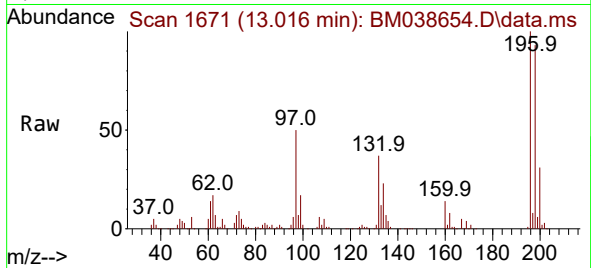




#43
 2,4,6-Trichlorophenol
 Concen: 41.093 ng
 RT: 13.016 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BM038654.D
 Acq: 01 Feb 2023 22:44

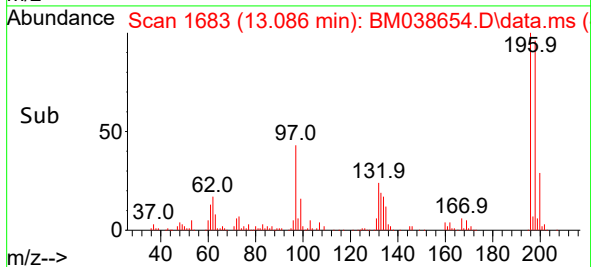
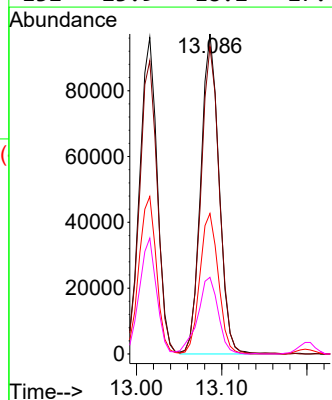
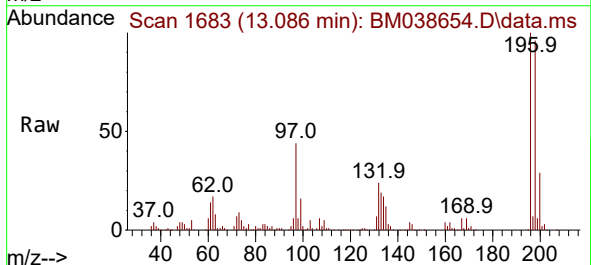
Instrument :
 BNA_M
 ClientSampleId :
 PB150362BSD

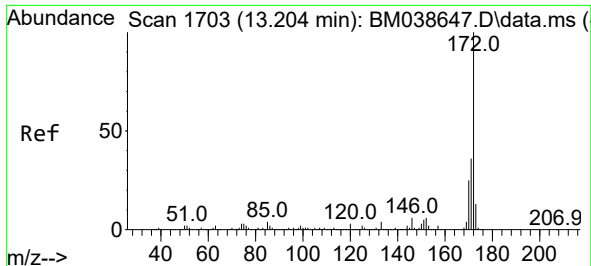
Tgt Ion:196 Resp: 137524
 Ion Ratio Lower Upper
 196 100
 198 92.7 73.7 110.5
 200 30.8 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 36.695 ng
 RT: 13.086 min Scan# 1683
 Delta R.T. 0.000 min
 Lab File: BM038654.D
 Acq: 01 Feb 2023 22:44

Tgt Ion:196 Resp: 144514
 Ion Ratio Lower Upper
 196 100
 198 96.1 73.1 109.7
 97 43.9 35.5 53.3
 132 23.9 18.2 27.4

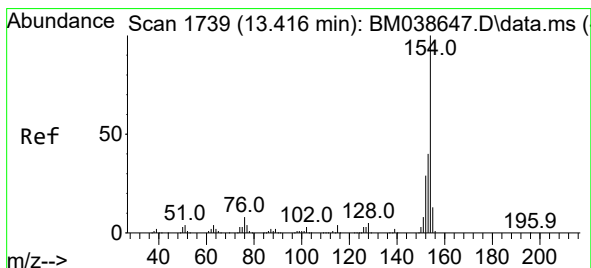
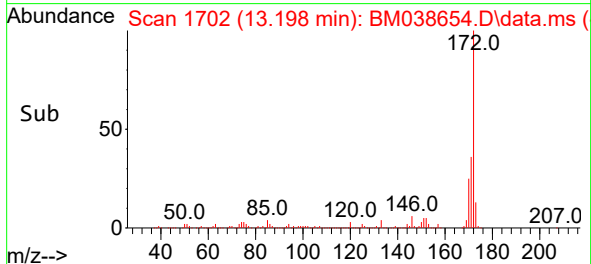
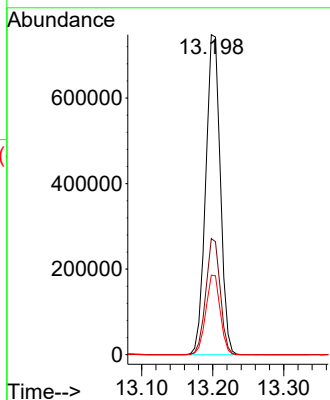
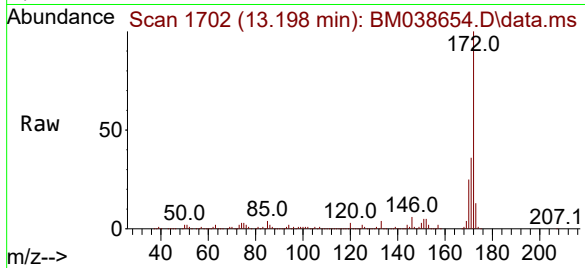




#45
2-Fluorobiphenyl
Concen: 83.114 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

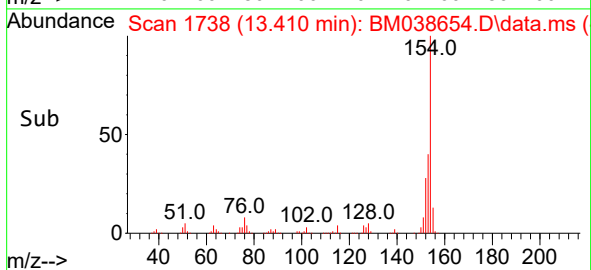
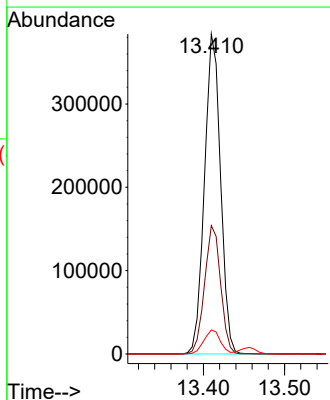
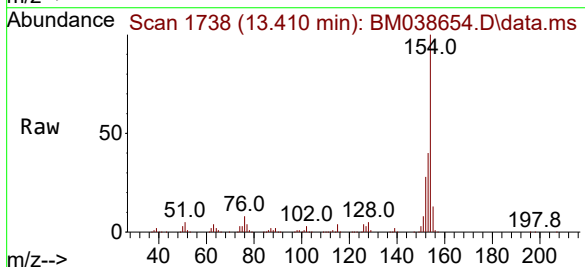
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

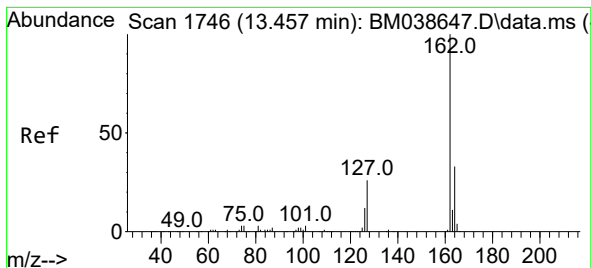
Tgt Ion:172 Resp: 1068595
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.8 20.0 30.0



#46
1,1'-Biphenyl
Concen: 40.582 ng
RT: 13.410 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:154 Resp: 526190
Ion Ratio Lower Upper
154 100
153 40.1 19.9 59.9
76 7.5 0.0 27.9





#47

2-Chloronaphthalene

Concen: 41.728 ng

RT: 13.457 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB150362BSD

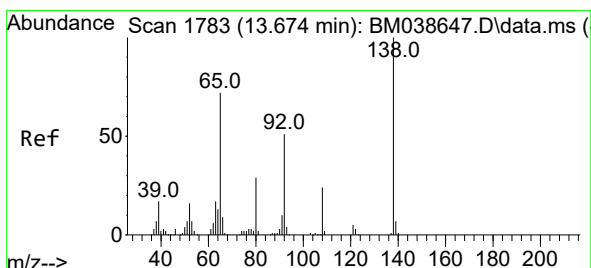
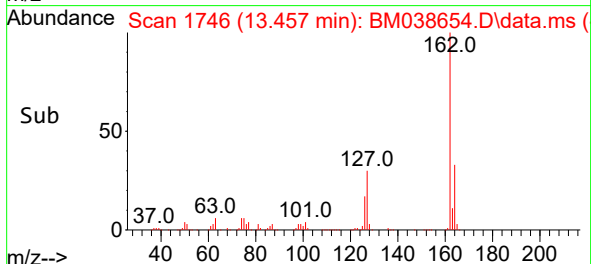
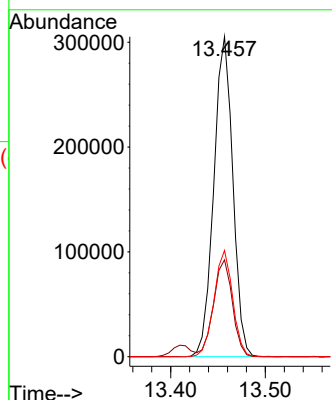
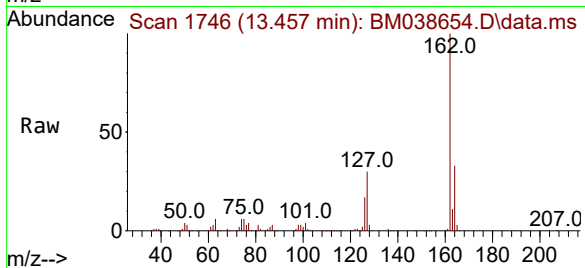
Tgt Ion:162 Resp: 425746

Ion Ratio Lower Upper

162 100

127 30.2 23.6 35.4

164 33.2 26.7 40.1



#48

2-Nitroaniline

Concen: 35.946 ng

RT: 13.669 min Scan# 1782

Delta R.T. -0.005 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

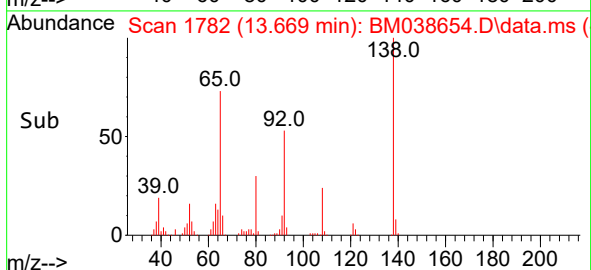
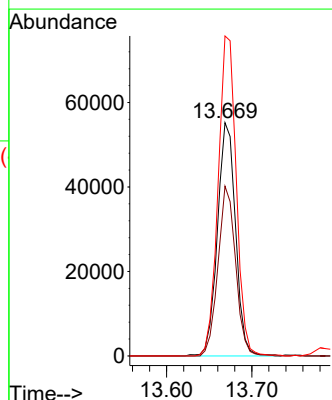
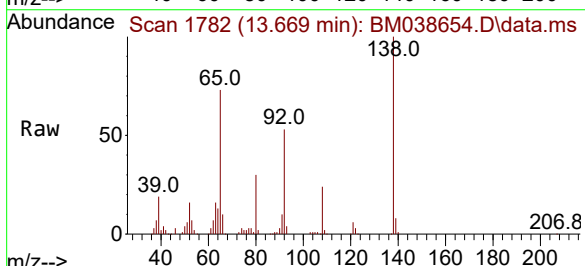
Tgt Ion: 65 Resp: 81453

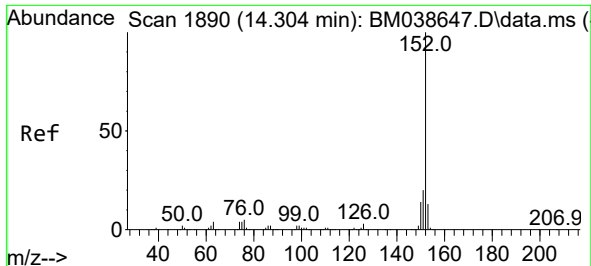
Ion Ratio Lower Upper

65 100

92 72.8 55.9 83.9

138 137.2 110.6 166.0

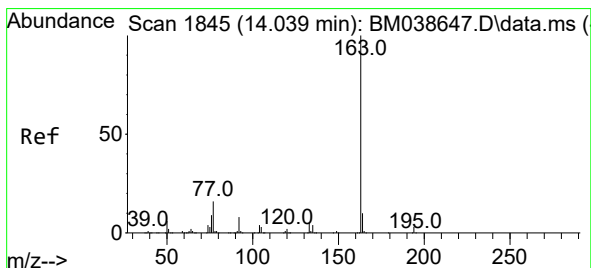
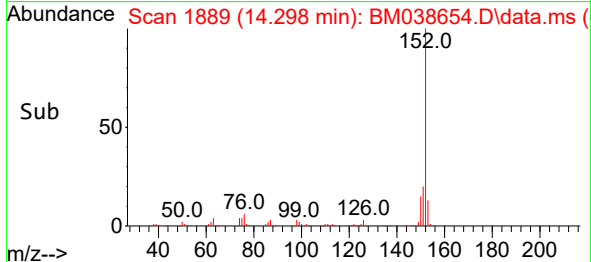
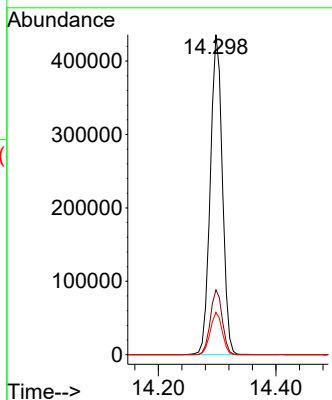
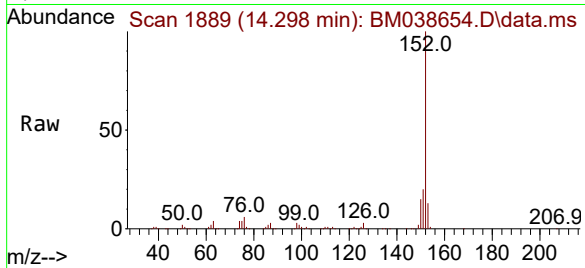




#49
Acenaphthylene
Concen: 38.738 ng
RT: 14.298 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

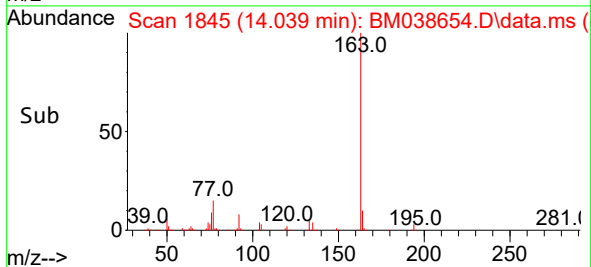
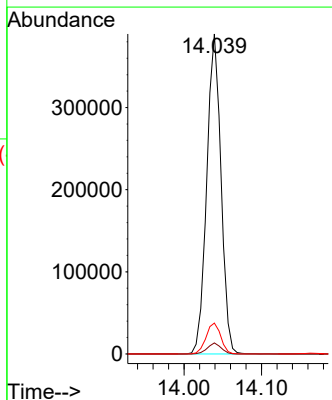
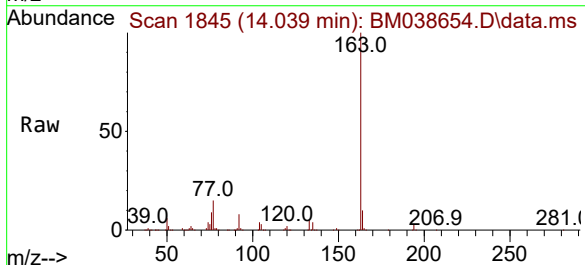
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

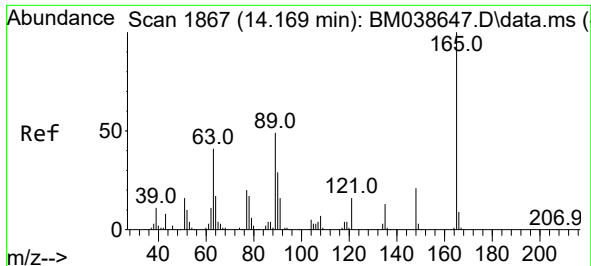
Tgt Ion:152 Resp: 622518
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.3 10.0 15.0



#50
Dimethylphthalate
Concen: 37.213 ng
RT: 14.039 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:163 Resp: 497072
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.7 8.2 12.4

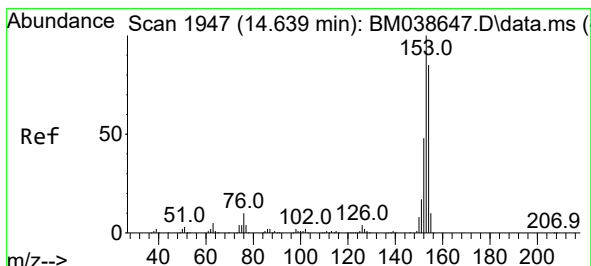
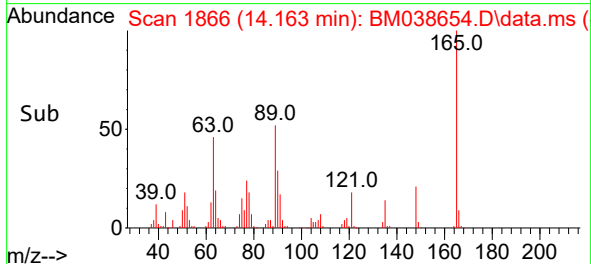
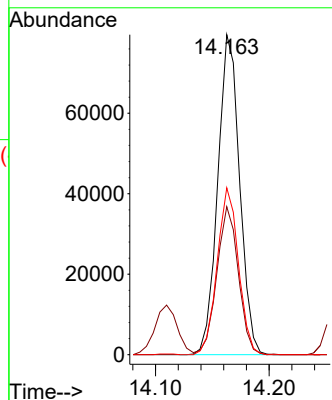
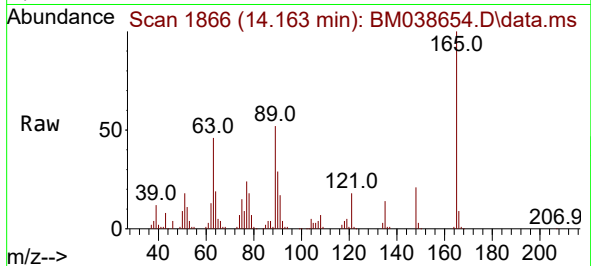




#51
2,6-Dinitrotoluene
Concen: 39.172 ng
RT: 14.163 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

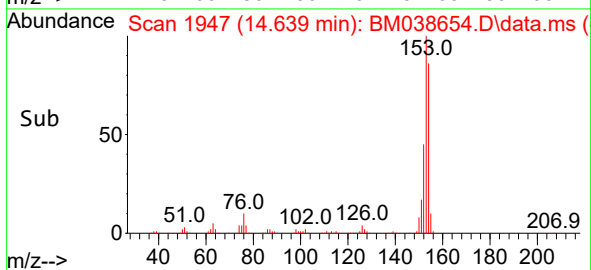
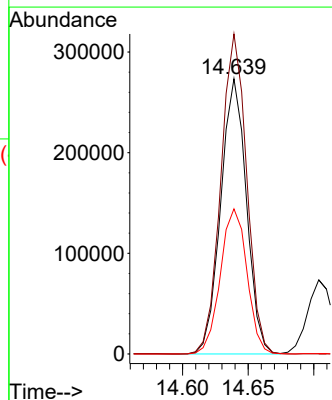
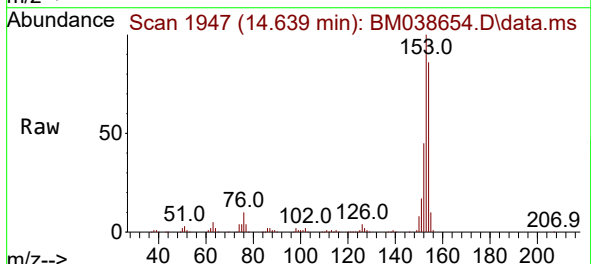
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

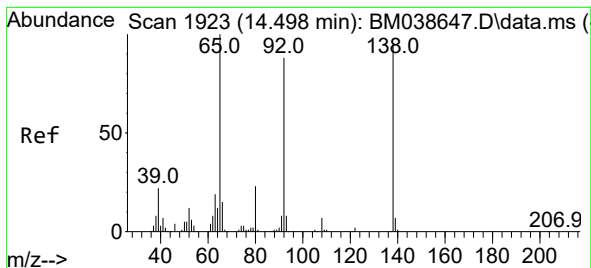
Tgt Ion:165 Resp: 106347
Ion Ratio Lower Upper
165 100
63 46.2 35.8 53.8
89 52.2 39.3 58.9



#52
Acenaphthene
Concen: 38.816 ng
RT: 14.639 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:154 Resp: 372459
Ion Ratio Lower Upper
154 100
153 116.3 93.7 140.5
152 52.7 44.6 67.0

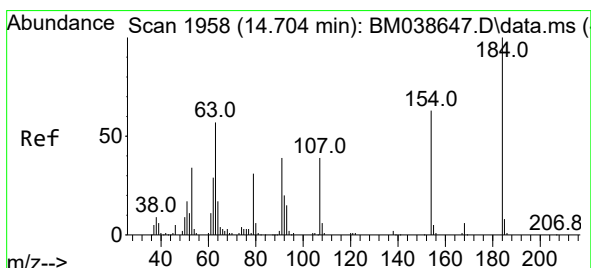
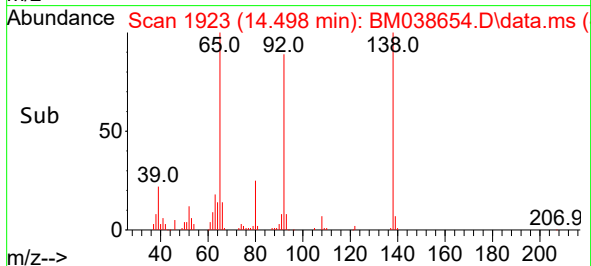
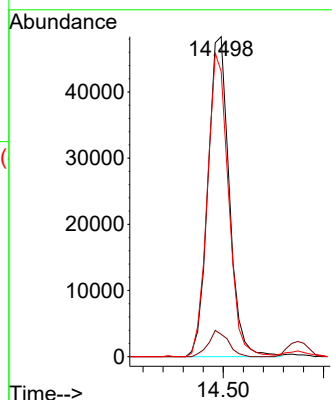
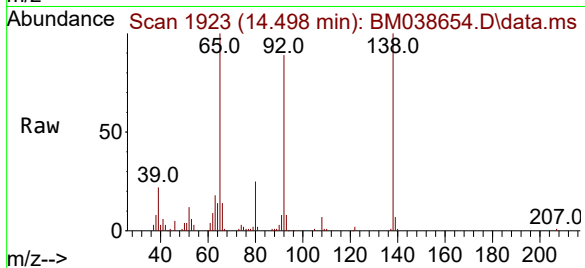




#53
3-Nitroaniline
Concen: 25.900 ng
RT: 14.498 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

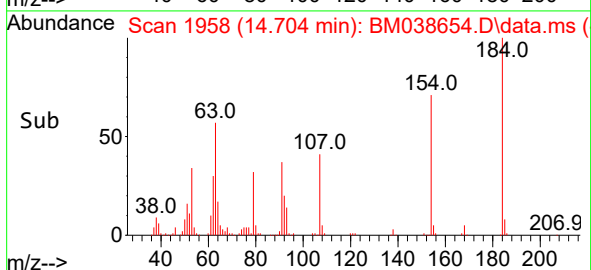
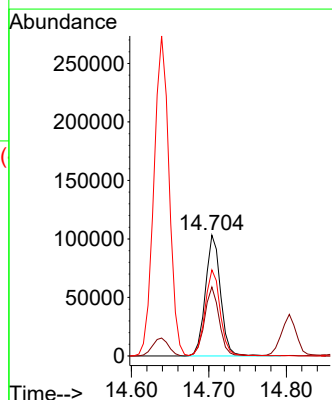
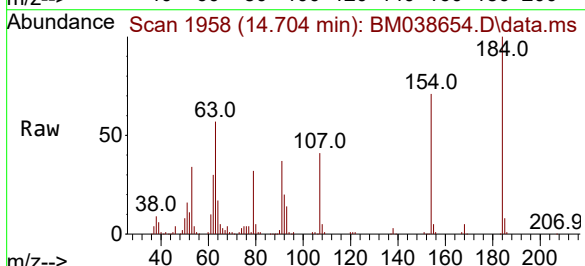
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

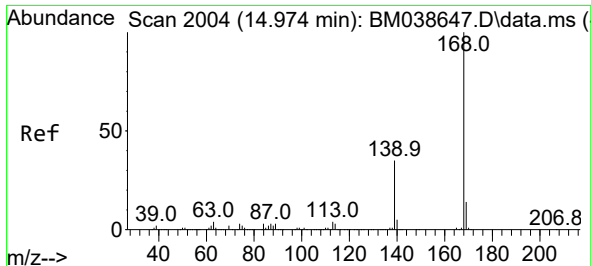
Tgt Ion:138 Resp: 71384
Ion Ratio Lower Upper
138 100
108 7.0 5.8 8.8
92 89.2 73.9 110.9



#54
2,4-Dinitrophenol
Concen: 79.318 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:184 Resp: 140163
Ion Ratio Lower Upper
184 100
63 57.0 45.9 68.9
154 71.2 54.9 82.3

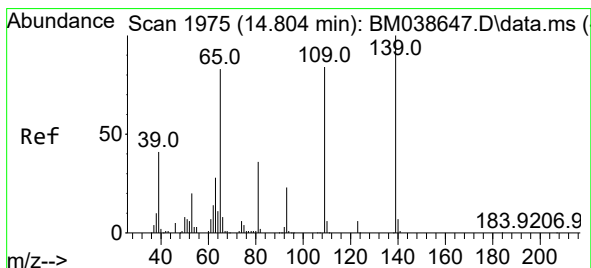
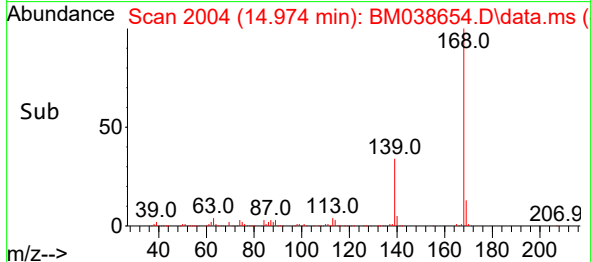
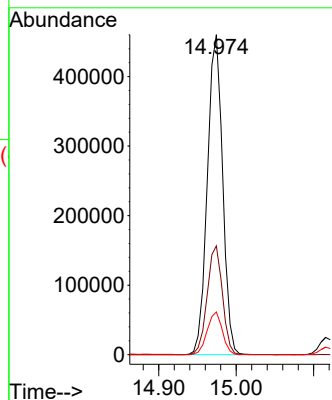
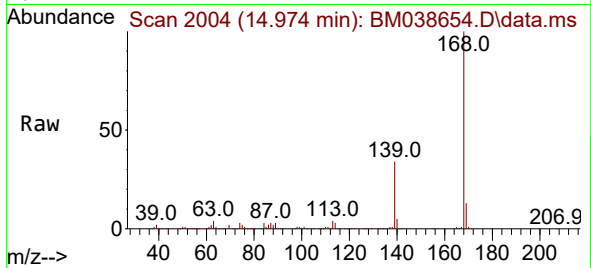




#55
Dibenzofuran
Concen: 38.061 ng
RT: 14.974 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

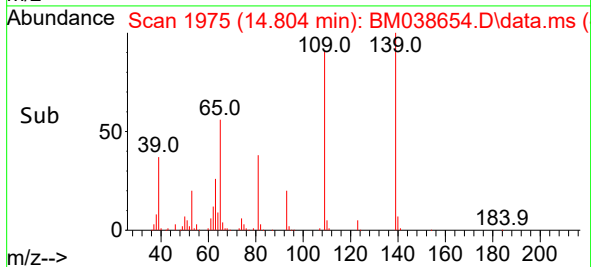
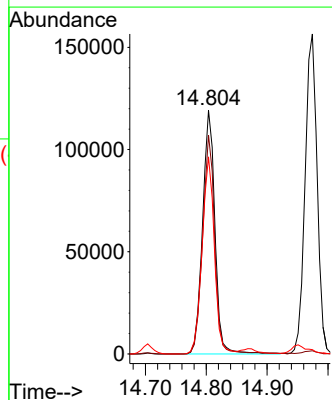
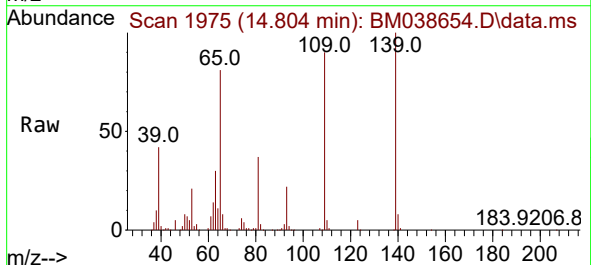
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

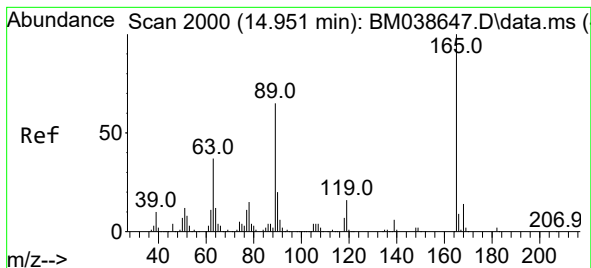
Tgt Ion:168 Resp: 628904
Ion Ratio Lower Upper
168 100
139 34.0 27.8 41.6
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 77.380 ng
RT: 14.804 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:139 Resp: 168484
Ion Ratio Lower Upper
139 100
109 89.8 63.8 103.8
65 81.0 62.5 102.5

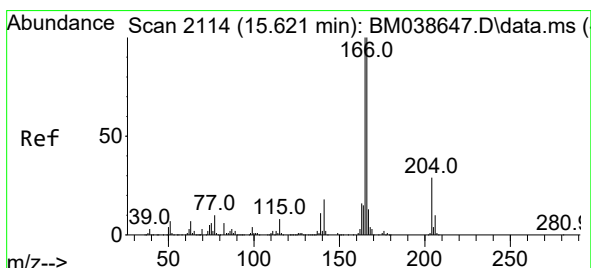
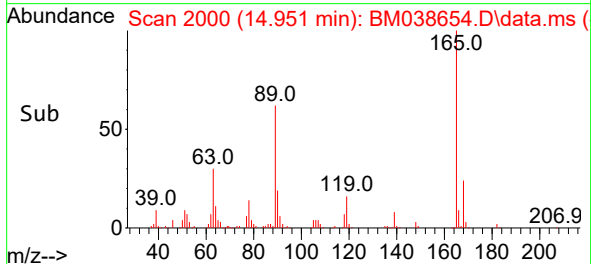
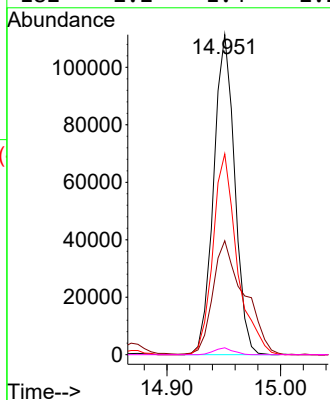
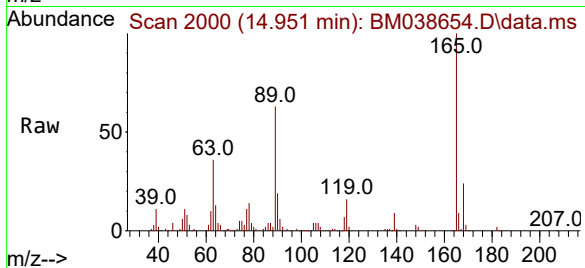




#57
2,4-Dinitrotoluene
Concen: 36.241 ng
RT: 14.951 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

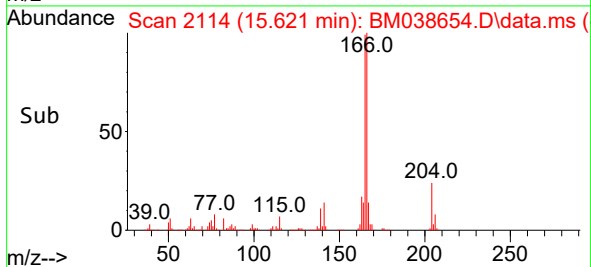
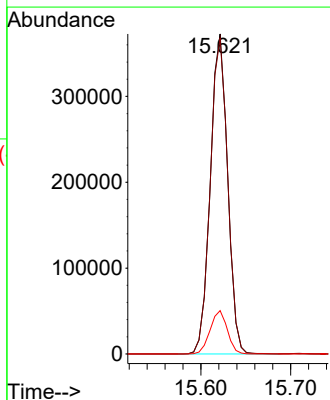
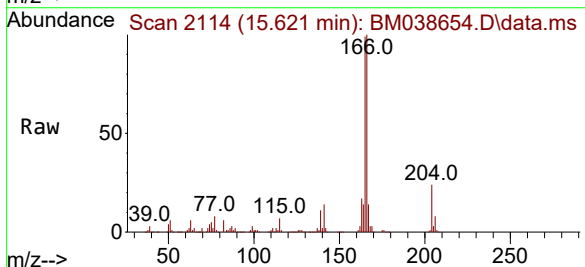
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

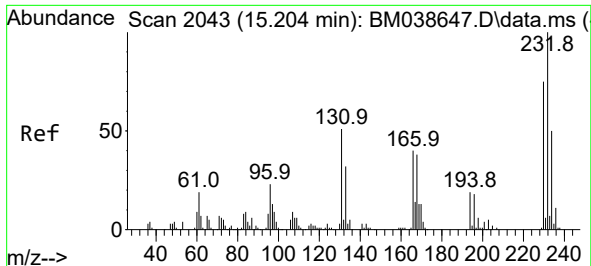
Tgt Ion:165 Resp: 143523
Ion Ratio Lower Upper
165 100
63 35.6 29.4 44.0
89 62.8 51.8 77.6
182 2.2 1.4 2.2#



#58
Fluorene
Concen: 38.091 ng
RT: 15.621 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:166 Resp: 498011
Ion Ratio Lower Upper
166 100
165 98.8 80.2 120.4
167 13.5 10.7 16.1

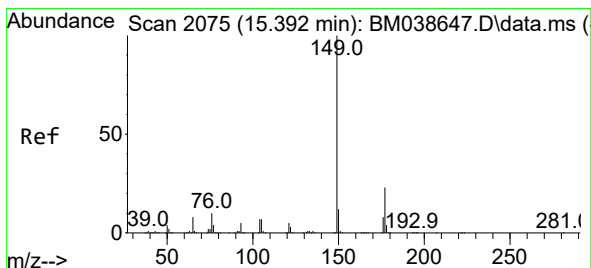
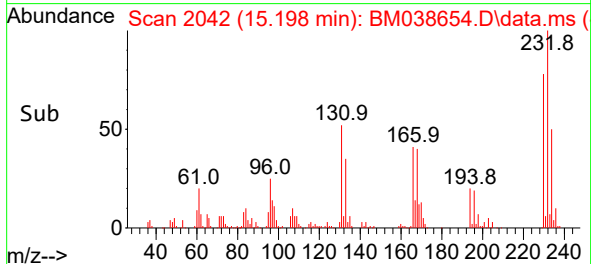
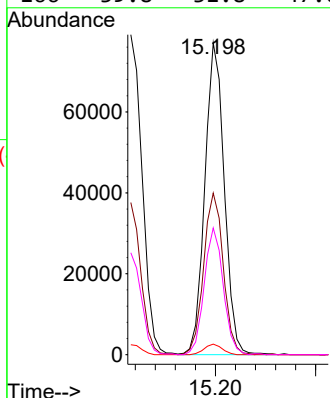
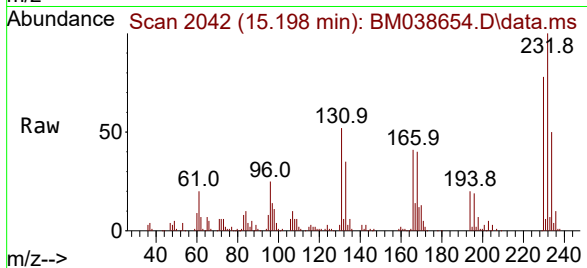




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.018 ng
RT: 15.198 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

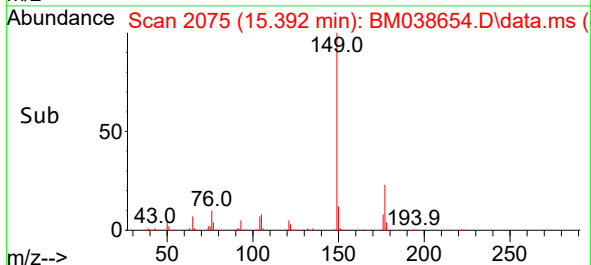
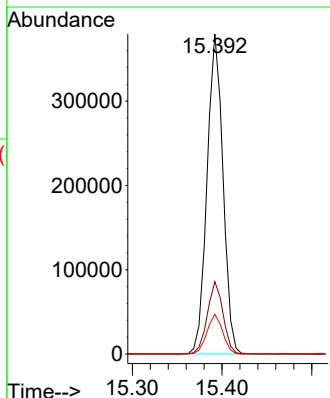
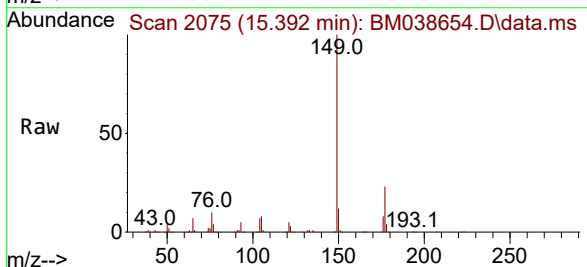
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

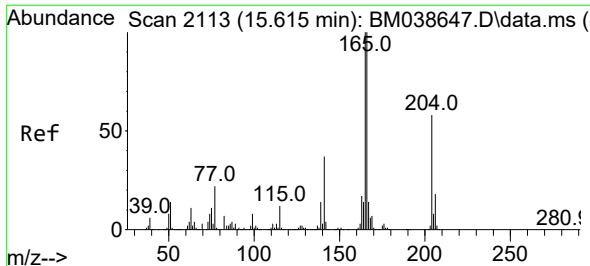
Tgt Ion:232 Resp: 104206
Ion Ratio Lower Upper
232 100
131 52.4 41.2 61.8
130 3.1 2.4 3.6
166 39.8 31.8 47.6



#60
Diethylphthalate
Concen: 36.961 ng
RT: 15.392 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:149 Resp: 467707
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 12.4 10.0 15.0

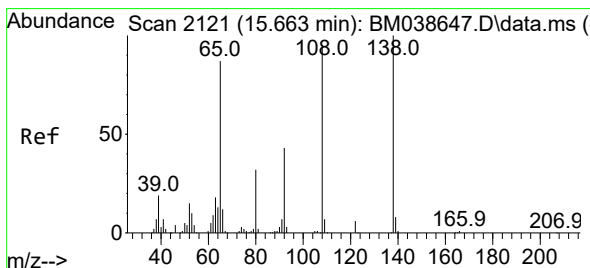
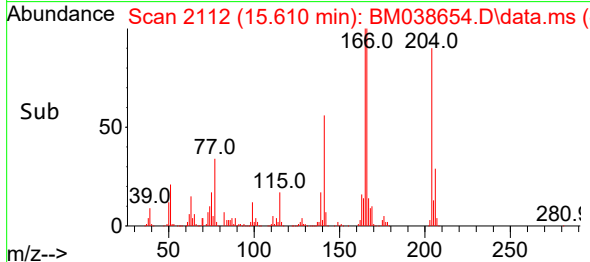
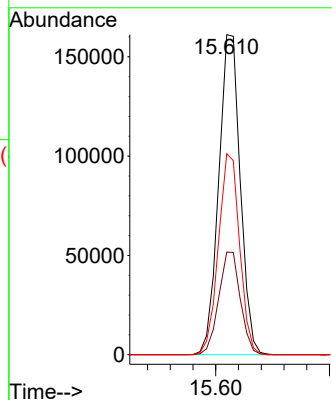
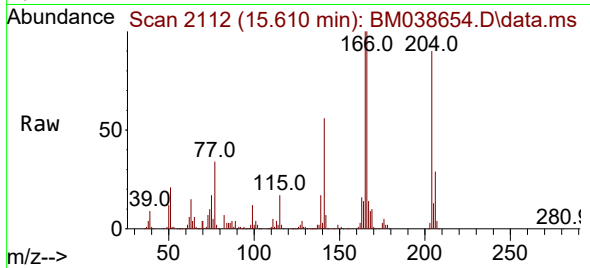




#61
4-Chlorophenyl-phenylether
Concen: 38.367 ng
RT: 15.610 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

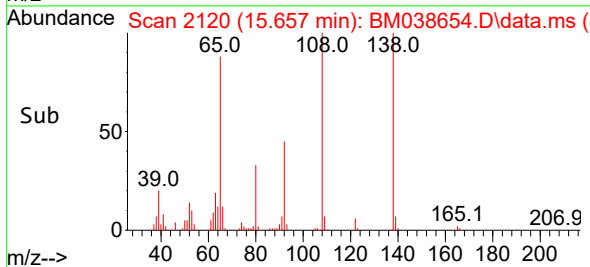
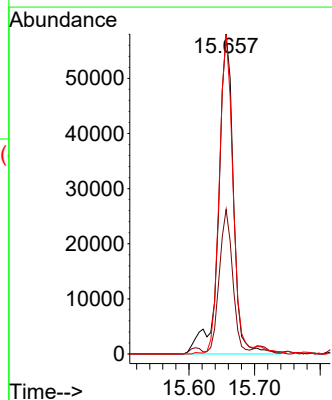
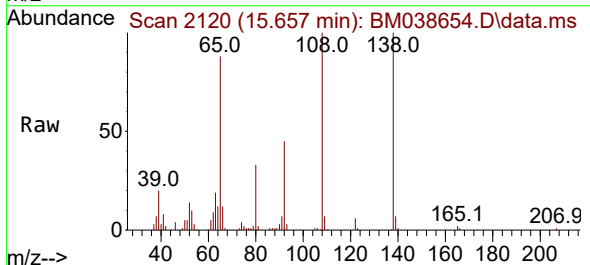
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

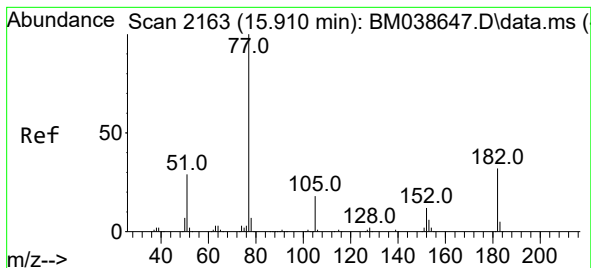
Tgt Ion:204 Resp: 212804
Ion Ratio Lower Upper
204 100
206 32.1 25.3 37.9
141 62.8 51.3 76.9



#62
4-Nitroaniline
Concen: 31.883 ng
RT: 15.657 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:138 Resp: 91107
Ion Ratio Lower Upper
138 100
92 45.1 23.4 63.4
108 99.8 75.1 115.1





#63

Azobenzene

Concen: 36.388 ng

RT: 15.904 min Scan# 2163

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB150362BSD

Tgt Ion: 77 Resp: 354266

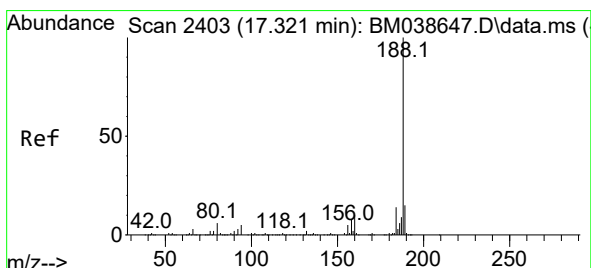
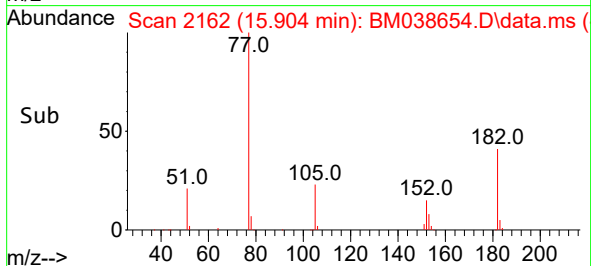
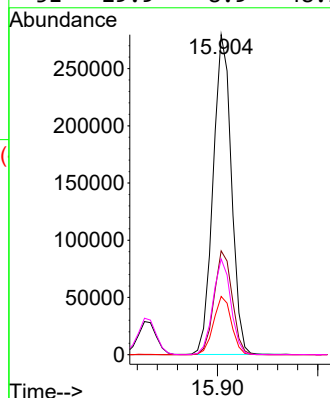
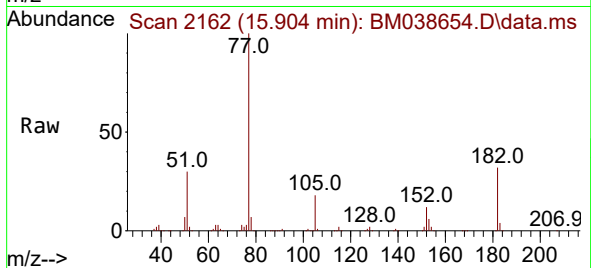
Ion Ratio Lower Upper

77 100

182 32.4 12.0 52.0

105 18.2 0.0 37.5

51 29.9 8.9 48.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2402

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

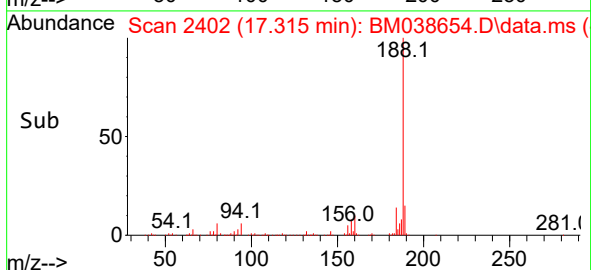
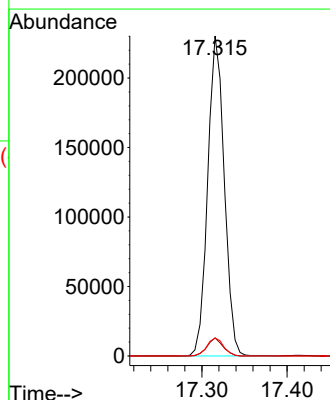
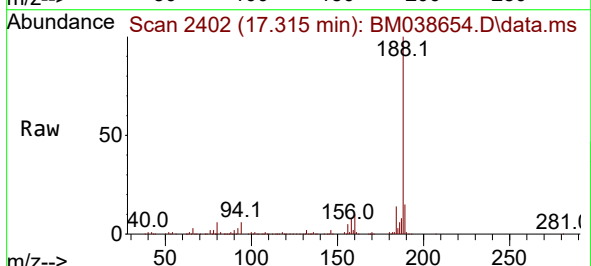
Tgt Ion: 188 Resp: 311163

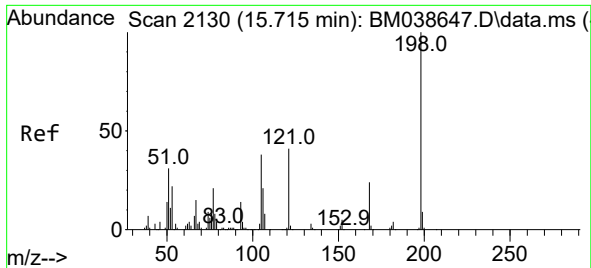
Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

80 5.6 4.6 7.0

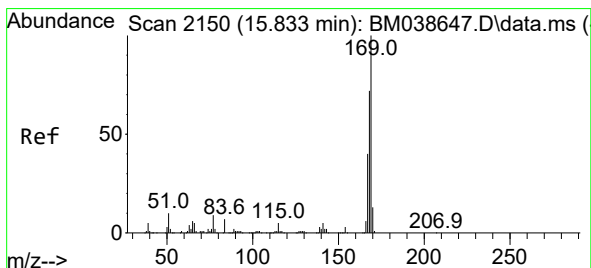
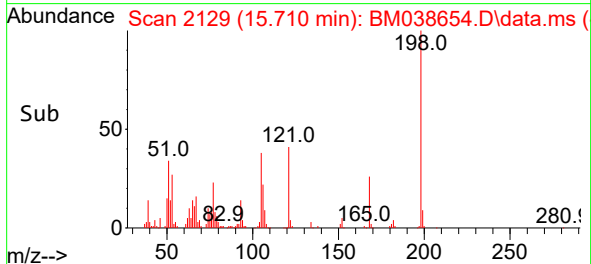
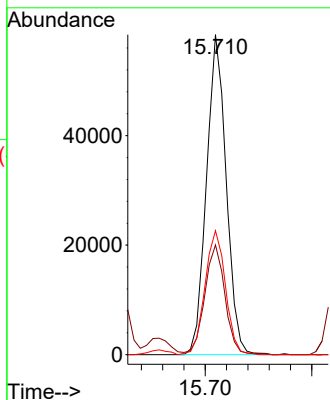
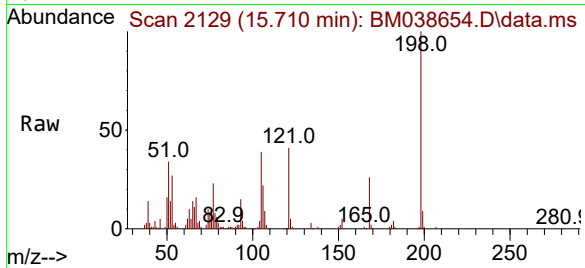




#65
4,6-Dinitro-2-methylphenol
Concen: 38.486 ng
RT: 15.710 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

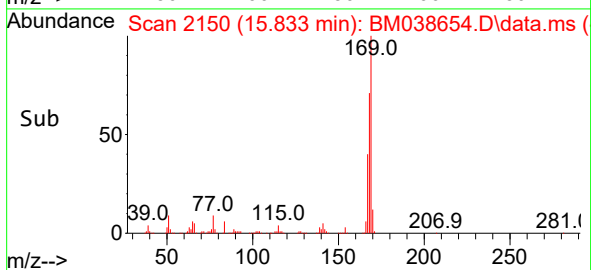
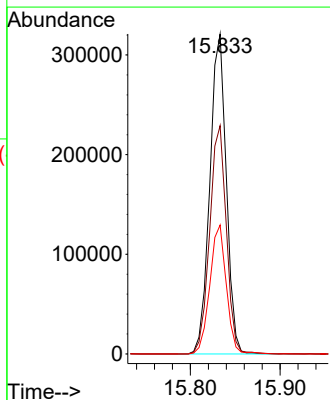
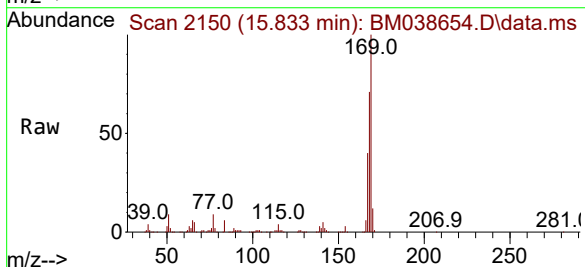
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

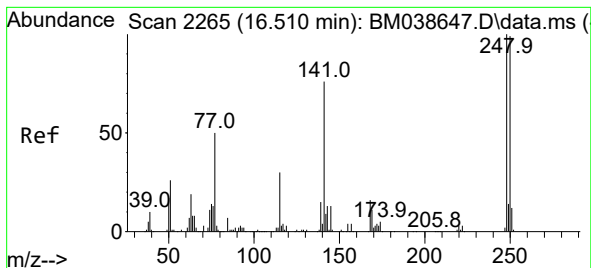
Tgt Ion:198 Resp: 75388
Ion Ratio Lower Upper
198 100
51 34.3 13.0 53.0
105 38.8 17.9 57.9



#66
n-Nitrosodiphenylamine
Concen: 40.255 ng
RT: 15.833 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:169 Resp: 408995
Ion Ratio Lower Upper
169 100
168 71.3 57.6 86.4
167 40.3 32.3 48.5

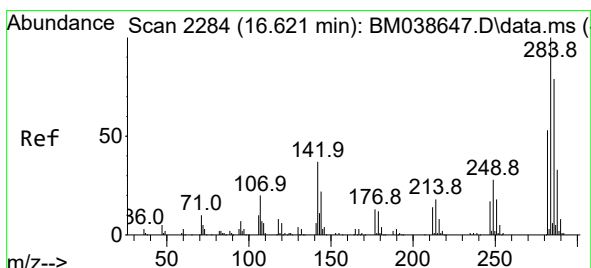
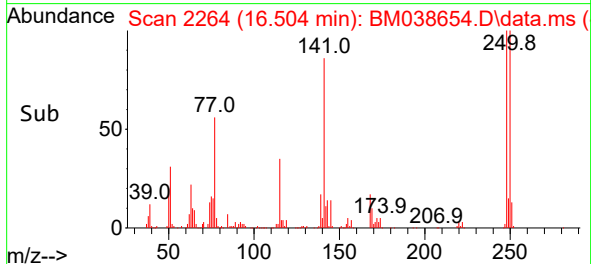
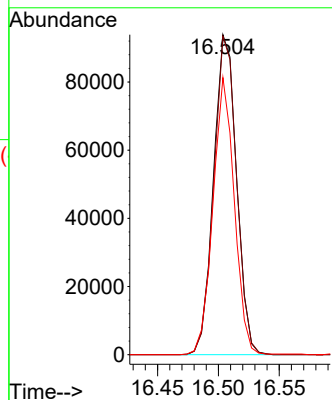
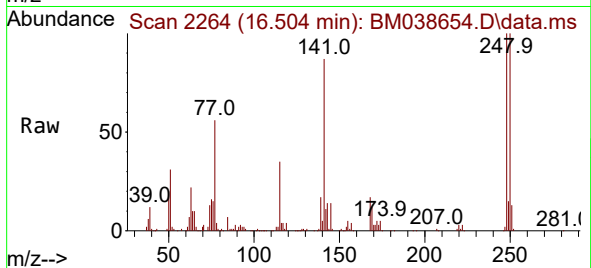




#67
4-Bromophenyl-phenylether
Concen: 41.120 ng
RT: 16.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

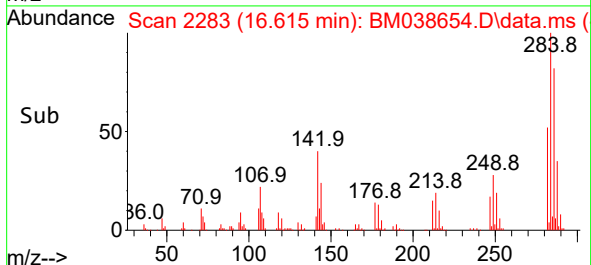
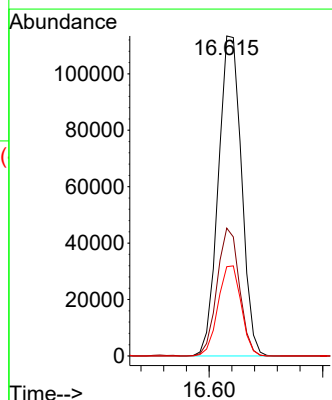
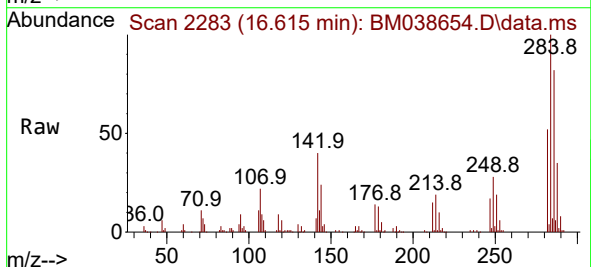
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

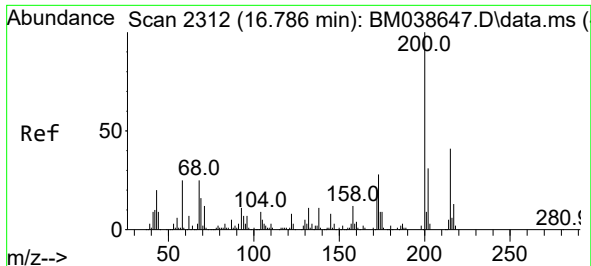
Tgt Ion:248 Resp: 123543
Ion Ratio Lower Upper
248 100
250 99.5 79.4 119.2
141 86.6 61.0 91.6



#68
Hexachlorobenzene
Concen: 43.807 ng
RT: 16.615 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:284 Resp: 160853
Ion Ratio Lower Upper
284 100
142 39.9 29.8 44.6
249 27.9 22.2 33.4

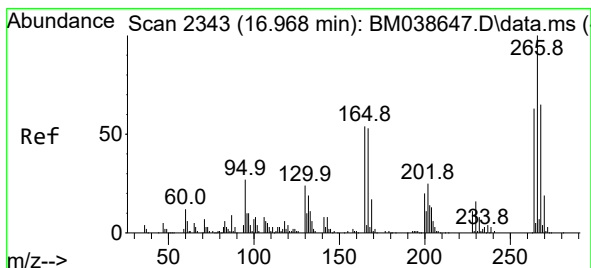
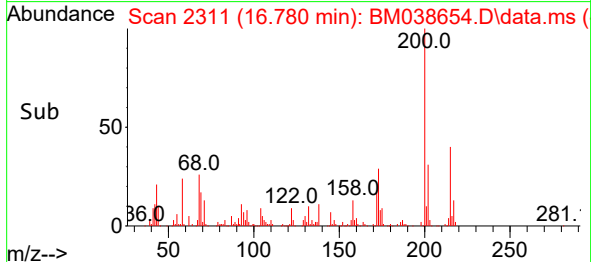
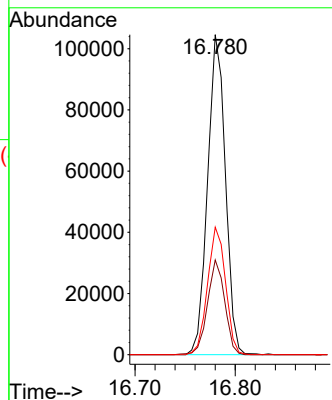
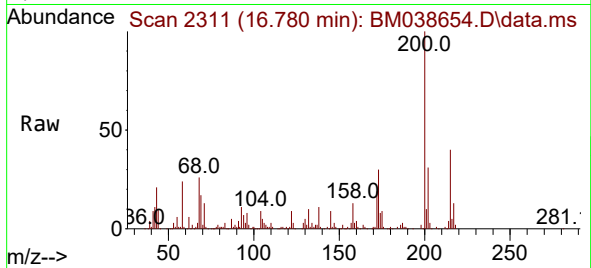




#69
 Atrazine
 Concen: 43.898 ng
 RT: 16.780 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038654.D
 Acq: 01 Feb 2023 22:44

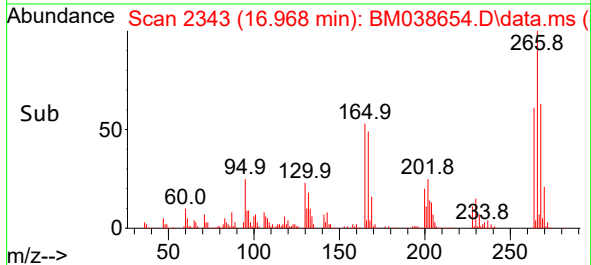
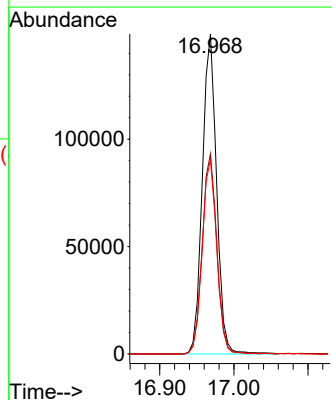
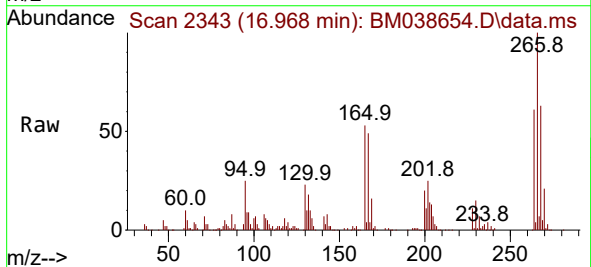
Instrument :
 BNA_M
 ClientSampleId :
 PB150362BSD

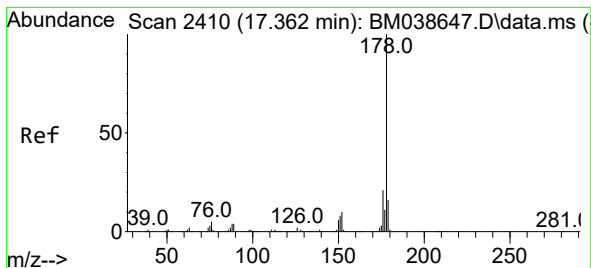
Tgt Ion:200 Resp: 129269
 Ion Ratio Lower Upper
 200 100
 173 29.6 7.9 47.9
 215 39.9 20.8 60.8



#70
 Pentachlorophenol
 Concen: 74.224 ng
 RT: 16.968 min Scan# 2343
 Delta R.T. 0.000 min
 Lab File: BM038654.D
 Acq: 01 Feb 2023 22:44

Tgt Ion:266 Resp: 198676
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.8 77.6
 264 60.8 50.6 76.0





#71

Phenanthrene

Concen: 40.185 ng

RT: 17.357 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB150362BSD

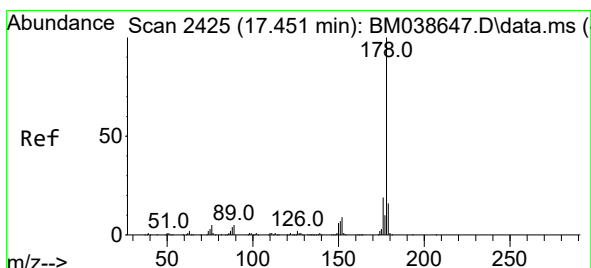
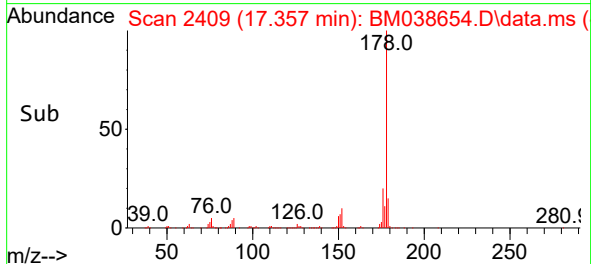
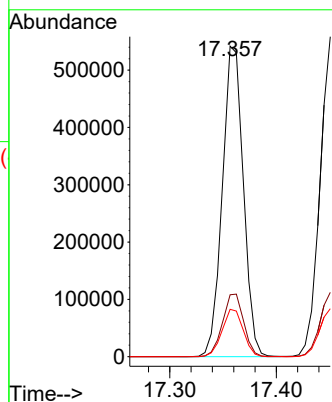
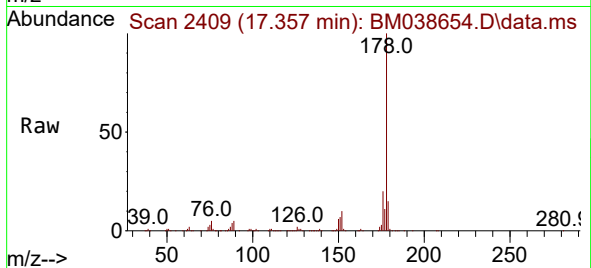
Tgt Ion:178 Resp: 742462

Ion Ratio Lower Upper

178 100

176 19.9 16.7 25.1

179 15.3 12.5 18.7



#72

Anthracene

Concen: 39.254 ng

RT: 17.451 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

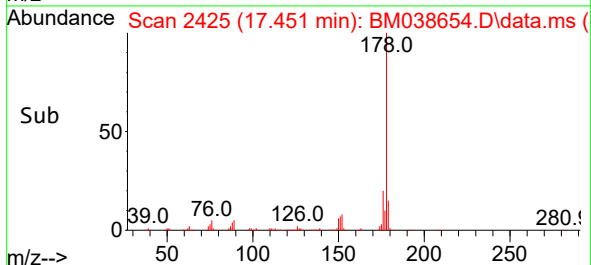
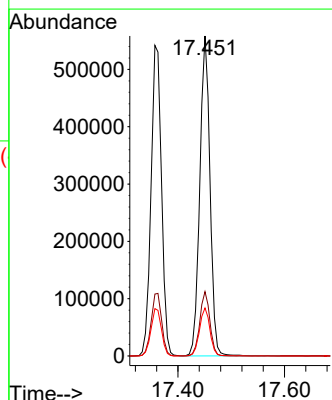
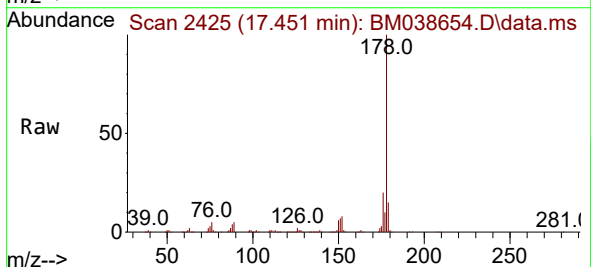
Tgt Ion:178 Resp: 741951

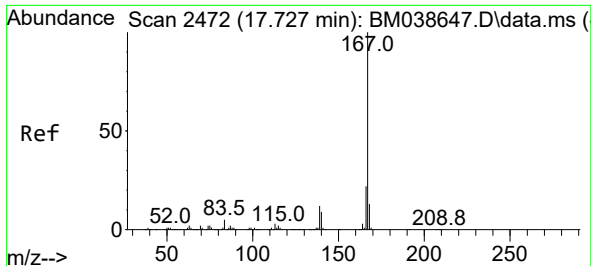
Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

179 15.0 12.4 18.6

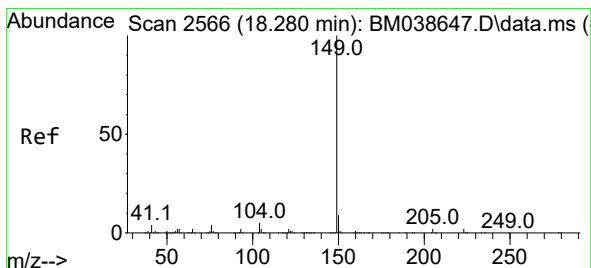
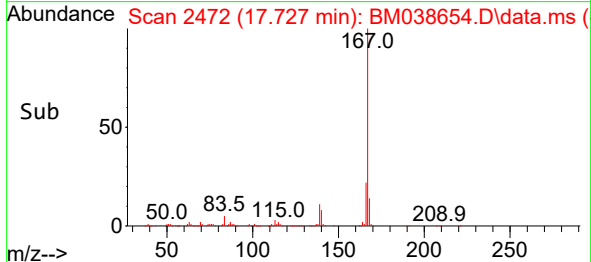
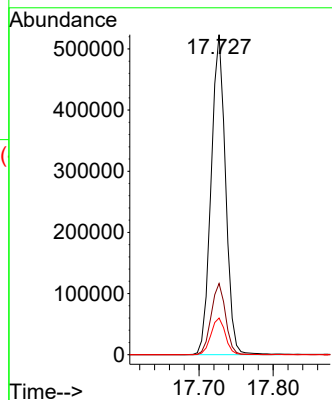
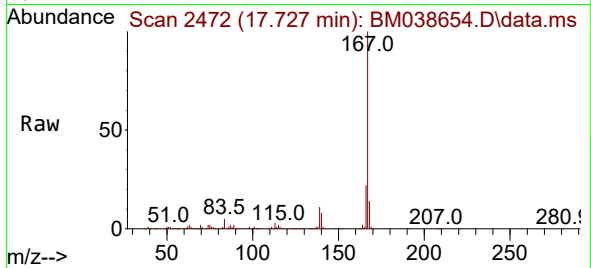




#73
 Carbazole
 Concen: 40.152 ng
 RT: 17.727 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BM038654.D
 Acq: 01 Feb 2023 22:44

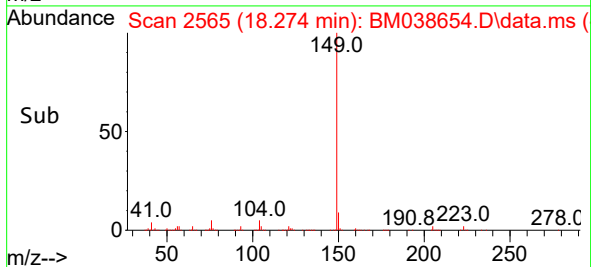
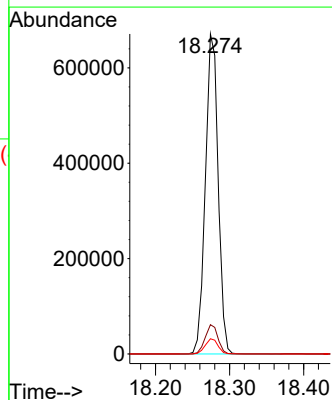
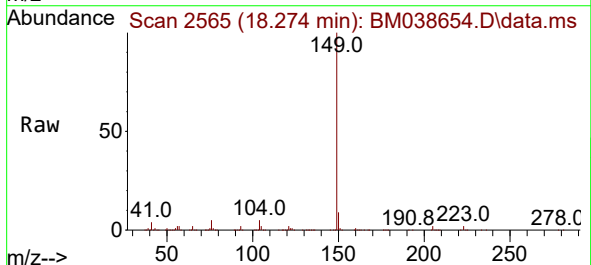
Instrument :
 BNA_M
 ClientSampleId :
 PB150362BSD

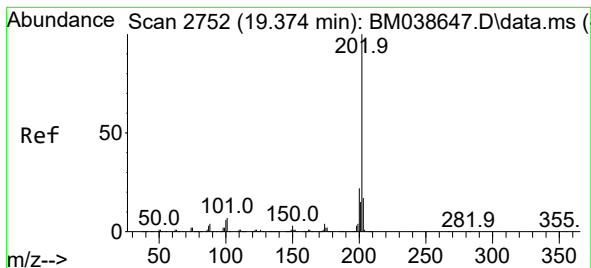
Tgt Ion:167 Resp: 707800
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 11.5 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 40.369 ng
 RT: 18.274 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BM038654.D
 Acq: 01 Feb 2023 22:44

Tgt Ion:149 Resp: 803976
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 39.341 ng

RT: 19.368 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB150362BSD

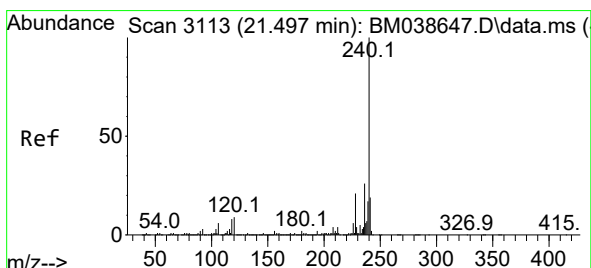
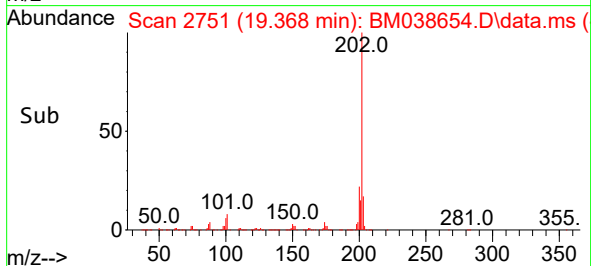
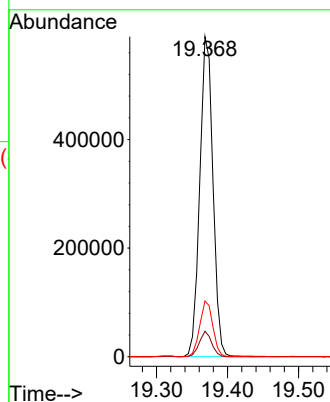
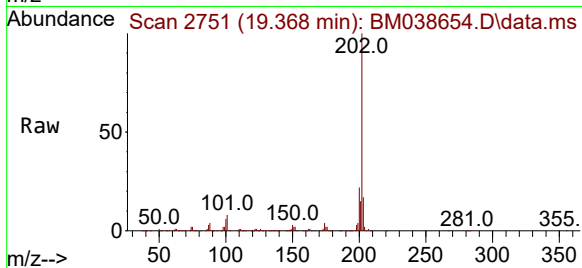
Tgt Ion:202 Resp: 763170

Ion Ratio Lower Upper

202 100

101 7.9 0.0 27.4

203 17.4 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

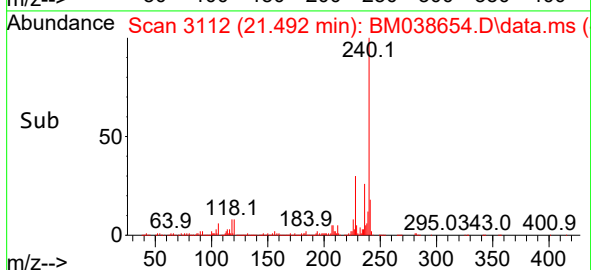
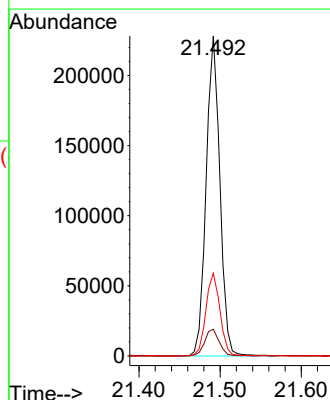
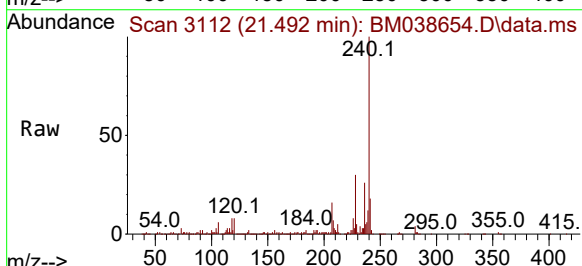
Tgt Ion:240 Resp: 267055

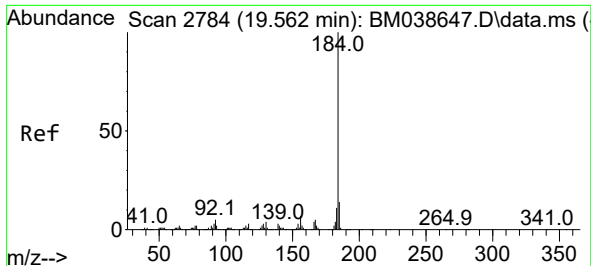
Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.4

236 25.8 20.9 31.3

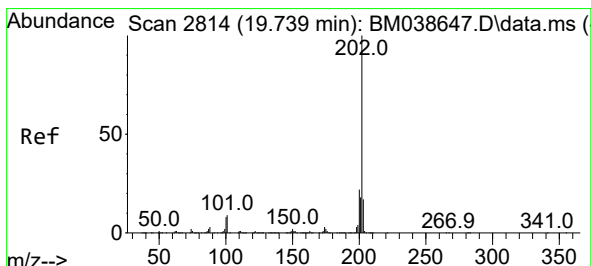
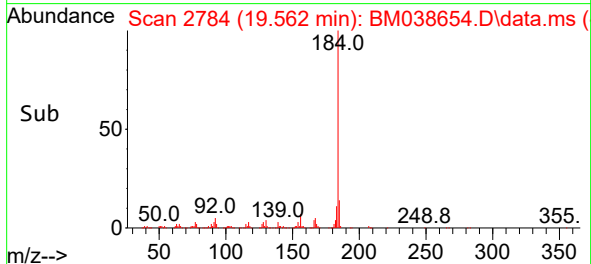
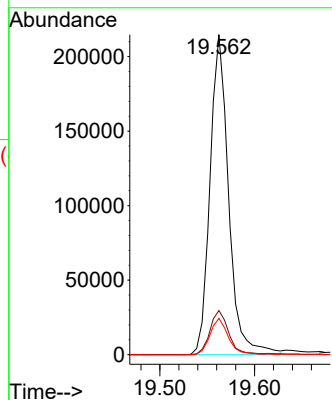
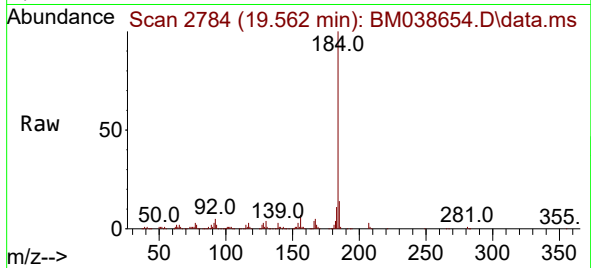




#77
Benzidine
Concen: 37.231 ng
RT: 19.562 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

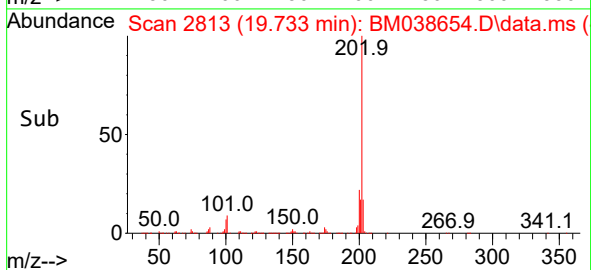
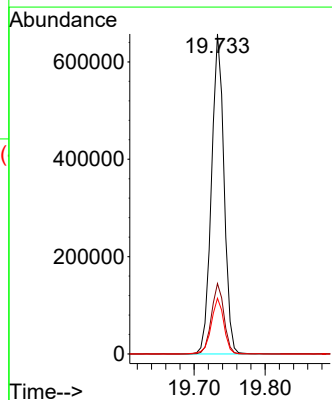
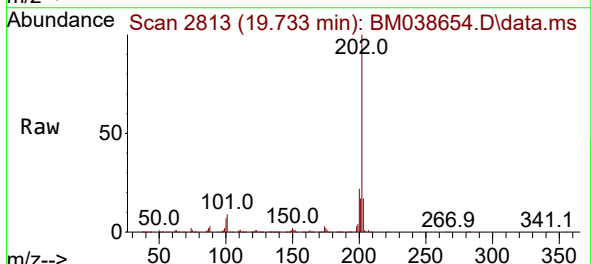
Instrument :
BNA_M
ClientSampleId :
PB150362BSD

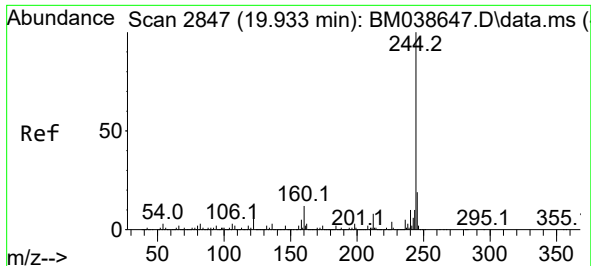
Tgt Ion:184 Resp: 292721
Ion Ratio Lower Upper
184 100
185 13.8 10.8 16.2
183 11.3 8.8 13.2



#78
Pyrene
Concen: 39.257 ng
RT: 19.733 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:202 Resp: 807144
Ion Ratio Lower Upper
202 100
200 22.0 17.8 26.6
203 17.4 13.5 20.3

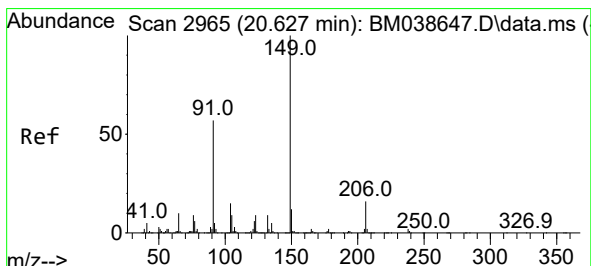
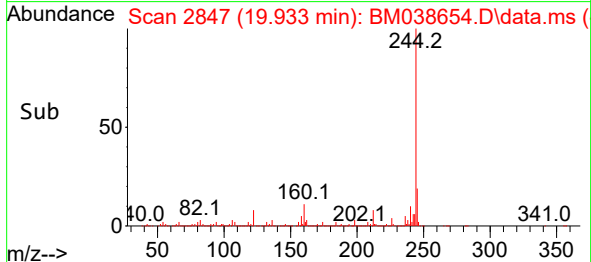
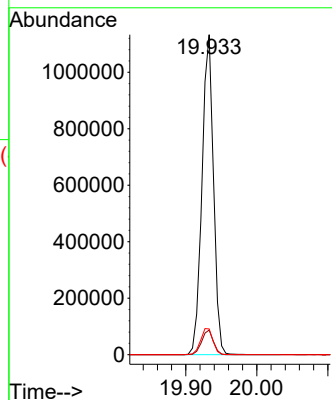
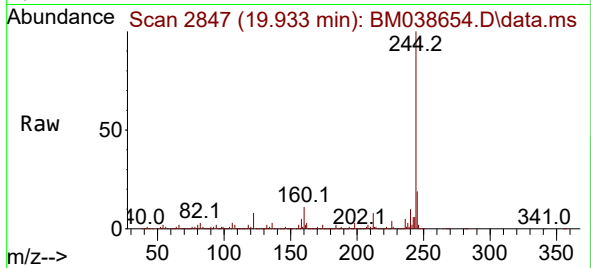




#79
 Terphenyl-d14
 Concen: 84.523 ng
 RT: 19.933 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038654.D
 Acq: 01 Feb 2023 22:44

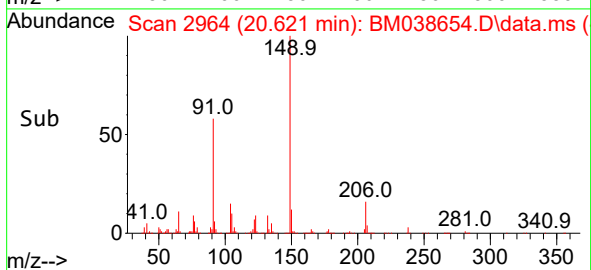
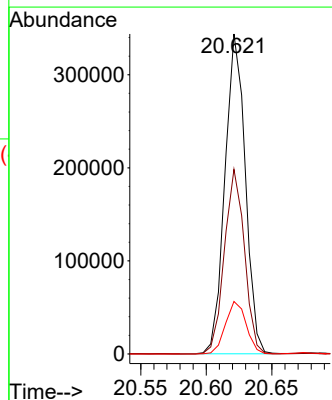
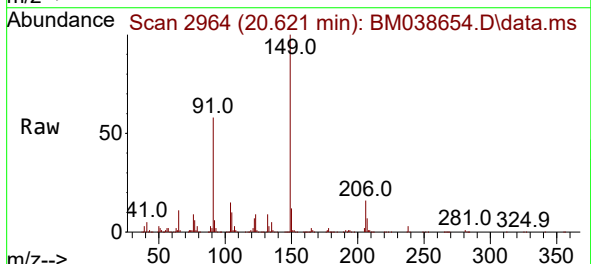
Instrument :
 BNA_M
 ClientSampleId :
 PB150362BSD

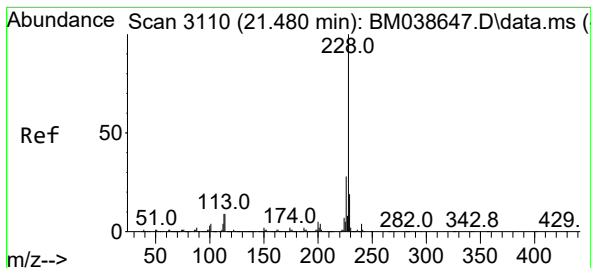
Tgt Ion:244 Resp: 1279121
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 8.0 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 36.666 ng
 RT: 20.621 min Scan# 2964
 Delta R.T. -0.006 min
 Lab File: BM038654.D
 Acq: 01 Feb 2023 22:44

Tgt Ion:149 Resp: 370409
 Ion Ratio Lower Upper
 149 100
 91 57.7 45.6 68.4
 206 16.4 12.5 18.7





#81

Benzo(a)anthracene

Concen: 38.831 ng

RT: 21.474 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB150362BSD

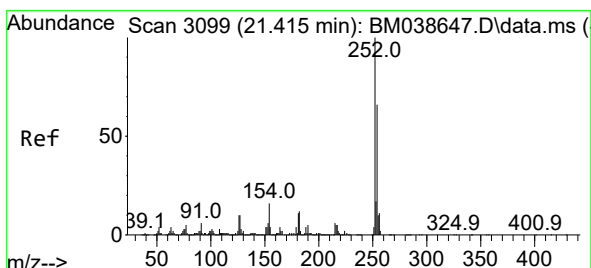
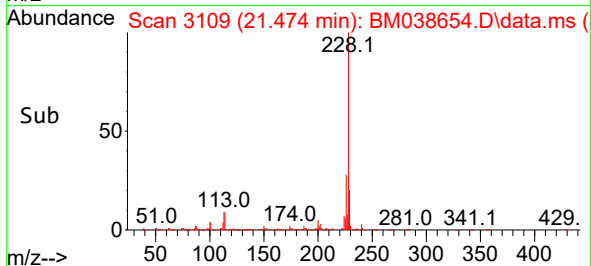
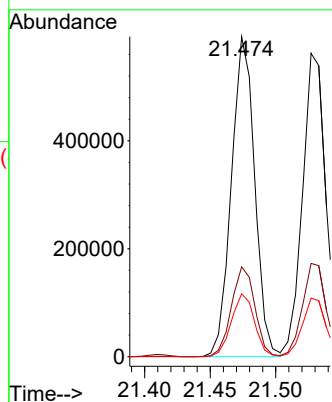
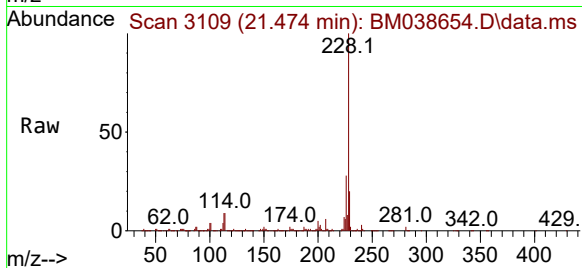
Tgt Ion:228 Resp: 733535

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.4

229 19.6 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 41.969 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

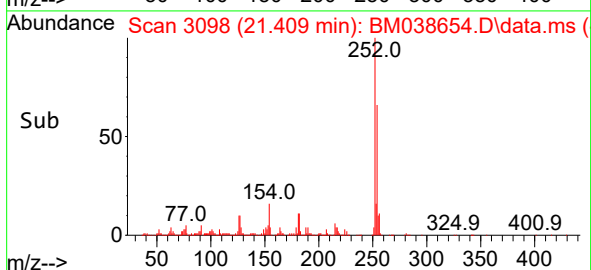
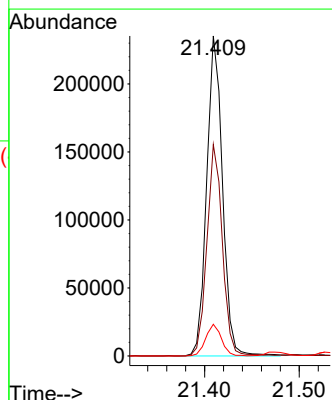
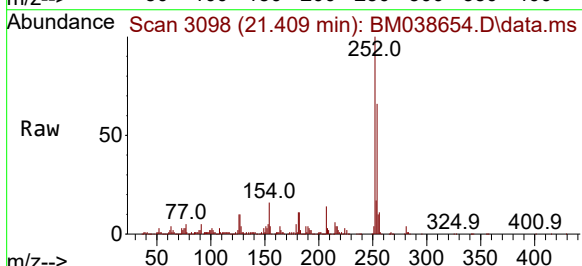
Tgt Ion:252 Resp: 272758

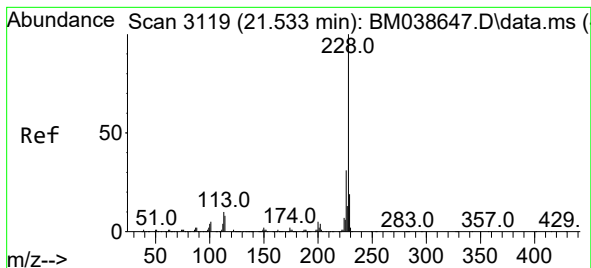
Ion Ratio Lower Upper

252 100

254 66.1 52.8 79.2

126 9.9 8.2 12.2





#83

Chrysene

Concen: 37.882 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB150362BSD

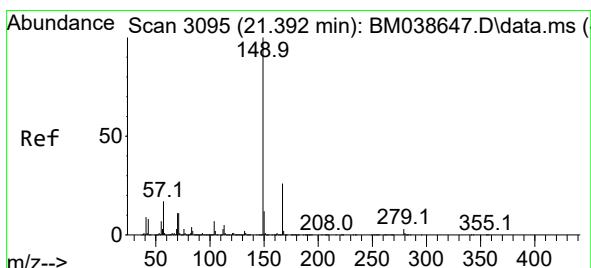
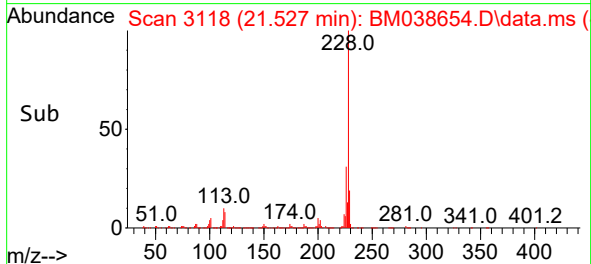
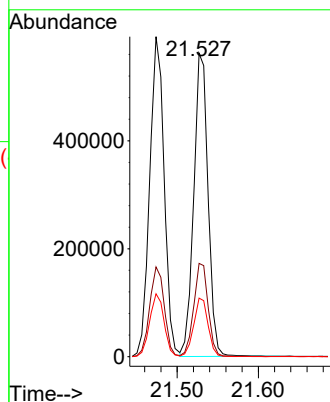
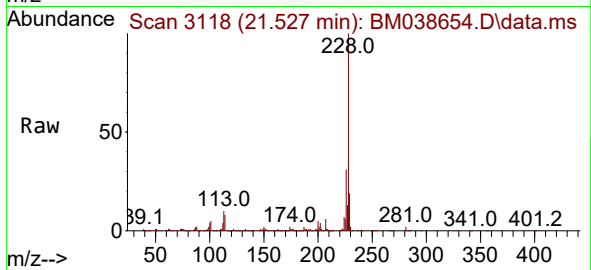
Tgt Ion:228 Resp: 689491

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

229 19.3 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.161 ng

RT: 21.392 min Scan# 3095

Delta R.T. -0.000 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

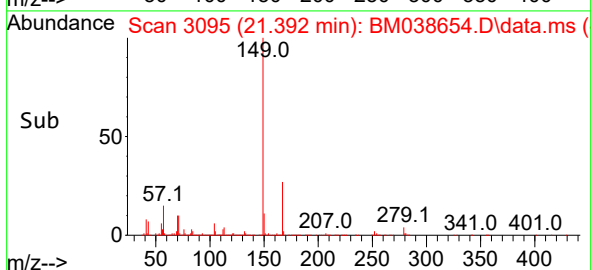
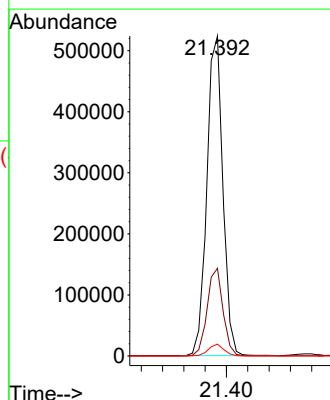
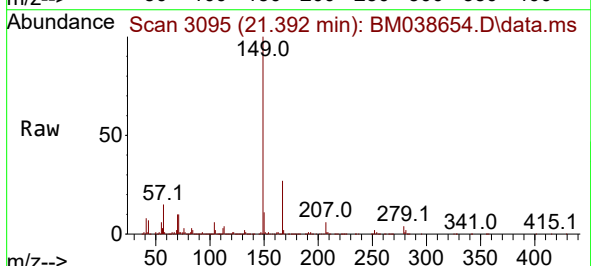
Tgt Ion:149 Resp: 548299

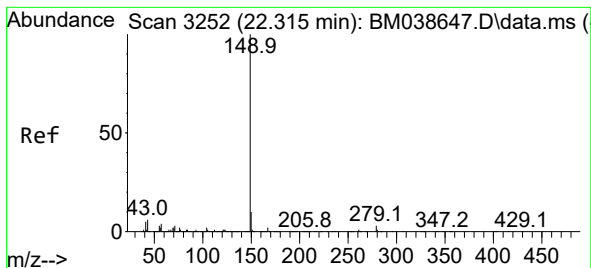
Ion Ratio Lower Upper

149 100

167 27.4 20.8 31.2

279 3.7 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 40.539 ng

RT: 22.309 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB150362BSD

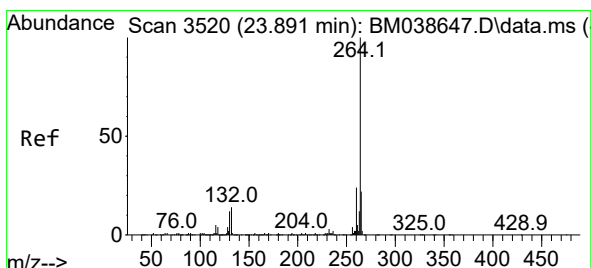
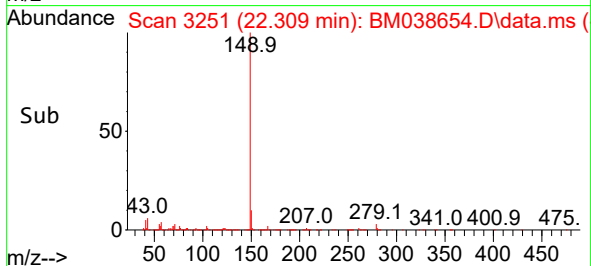
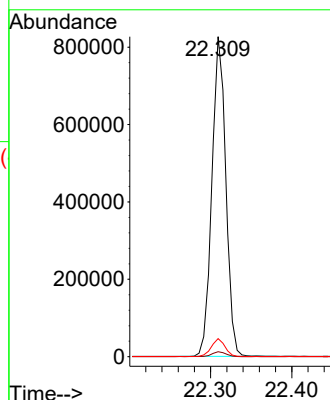
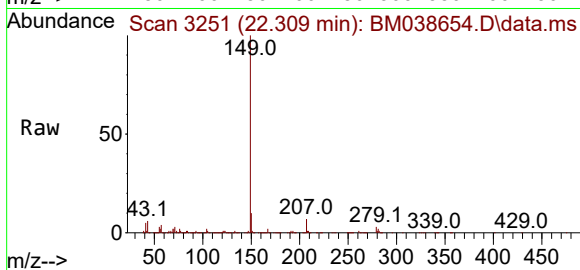
Tgt Ion:149 Resp: 981120

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 5.5 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.886 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

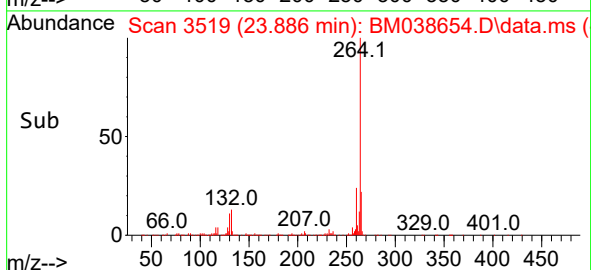
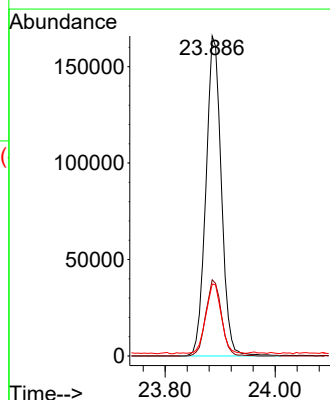
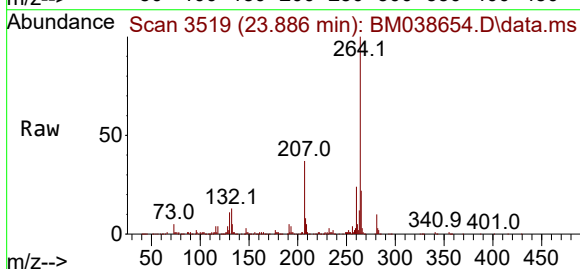
Tgt Ion:264 Resp: 323174

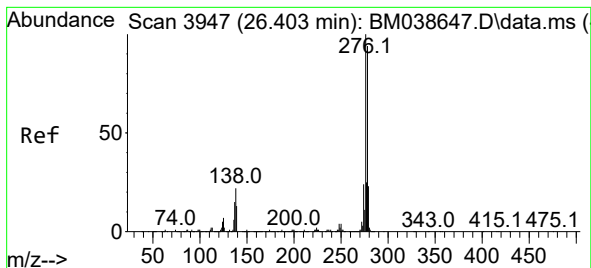
Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 22.5 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.874 ng

RT: 26.391 min Scan# 3945

Delta R.T. -0.012 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB150362BSD

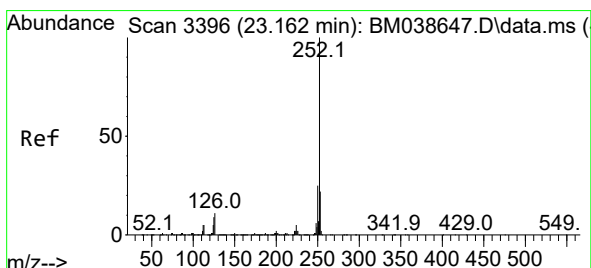
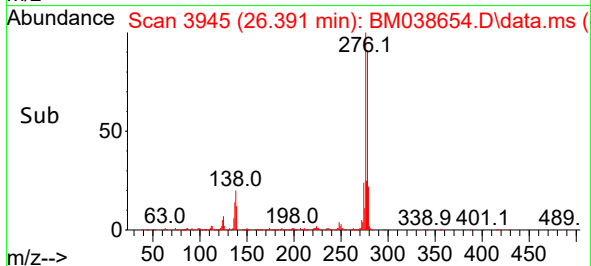
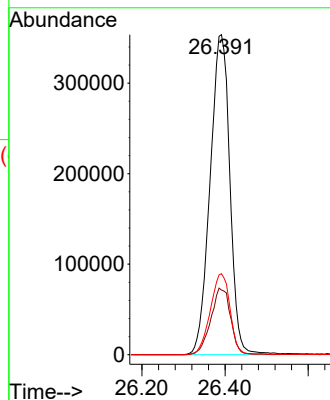
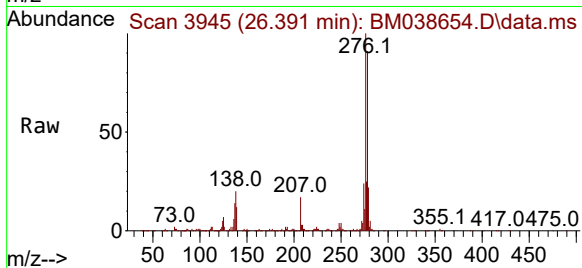
Tgt Ion:276 Resp: 1167740

Ion Ratio Lower Upper

276 100

138 20.7 17.2 25.8

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 45.918 ng

RT: 23.156 min Scan# 3395

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

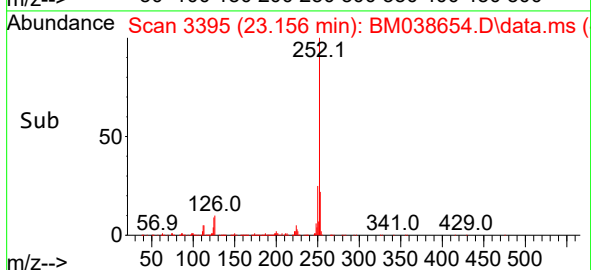
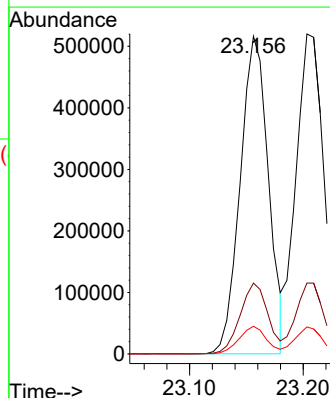
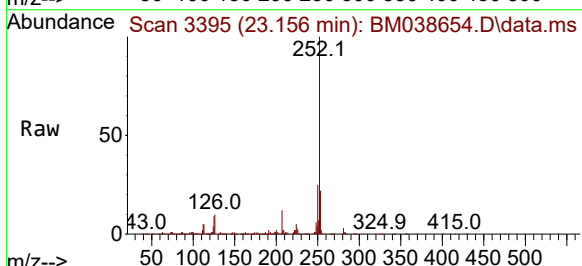
Tgt Ion:252 Resp: 888833

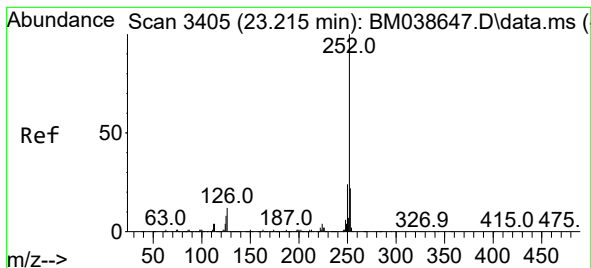
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 8.7 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 45.355 ng

RT: 23.203 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB150362BSD

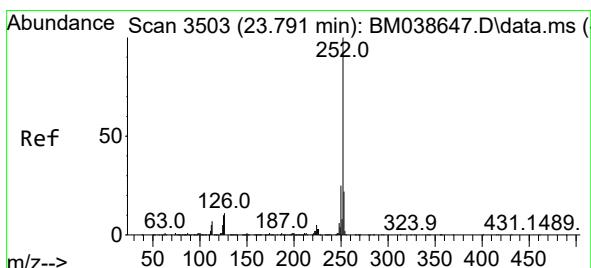
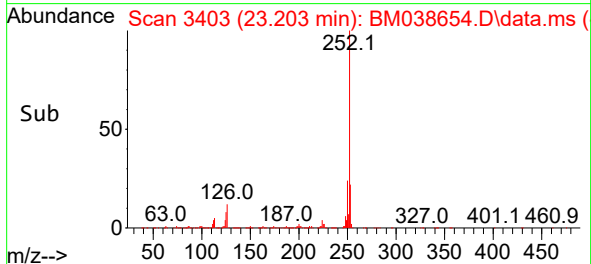
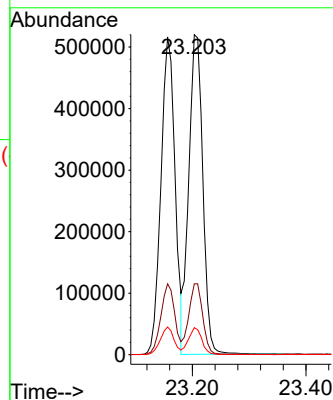
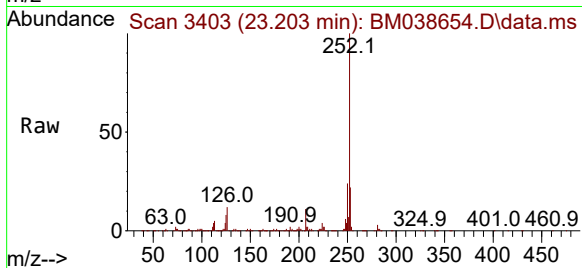
Tgt Ion:252 Resp: 891502

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 8.5 6.6 9.8



#90

Benzo(a)pyrene

Concen: 42.227 ng

RT: 23.786 min Scan# 3502

Delta R.T. -0.006 min

Lab File: BM038654.D

Acq: 01 Feb 2023 22:44

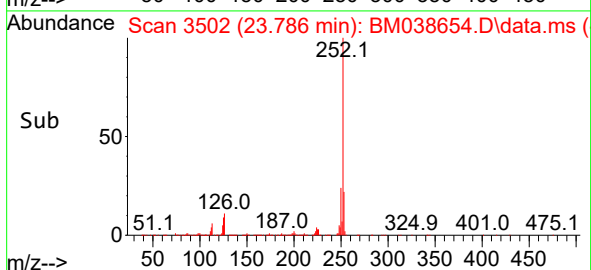
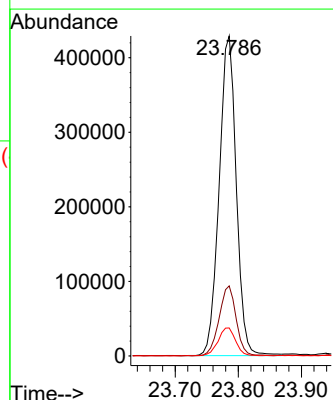
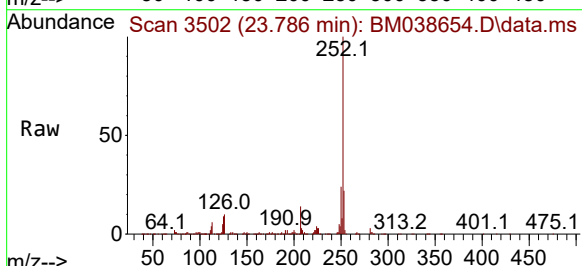
Tgt Ion:252 Resp: 808326

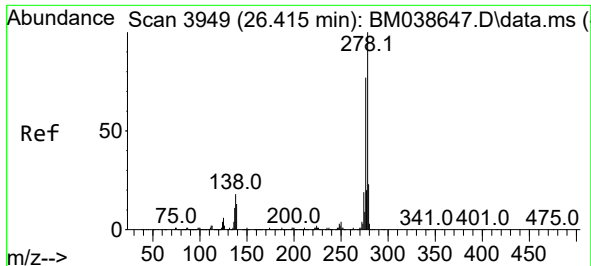
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.8 7.8 11.8

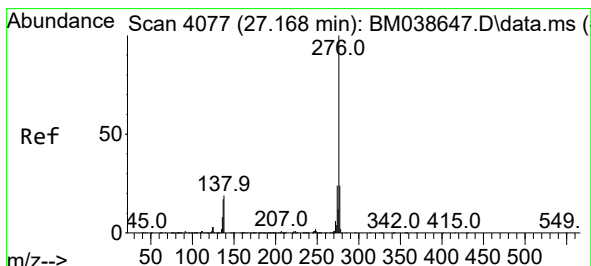
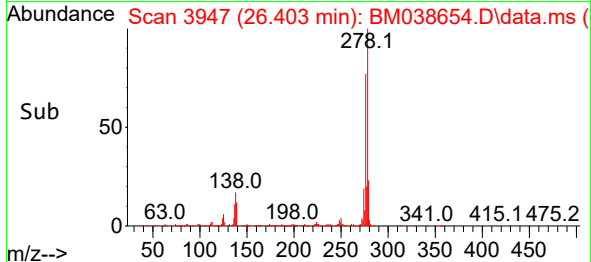
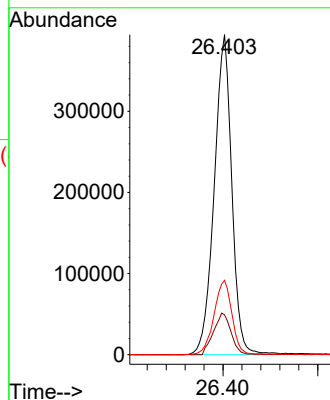
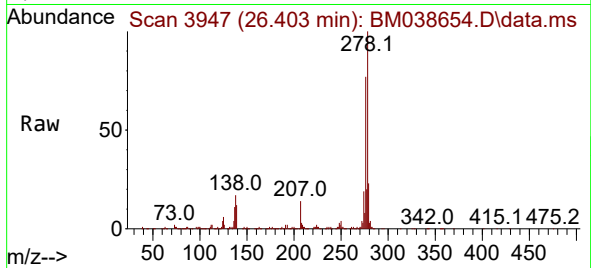




#91
Dibenzo(a,h)anthracene
Concen: 47.356 ng
RT: 26.403 min Scan# 3947
Delta R.T. -0.012 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Instrument :
BNA_M
ClientSampleId :
PB150362BSD

Tgt Ion:278 Resp: 1014179
Ion Ratio Lower Upper
278 100
139 12.4 10.5 15.7
279 23.2 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 46.723 ng
RT: 27.162 min Scan# 4076
Delta R.T. -0.006 min
Lab File: BM038654.D
Acq: 01 Feb 2023 22:44

Tgt Ion:276 Resp: 1011476
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 17.4 15.3 22.9

