

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
 Data File : BM038653.D
 Acq On : 01 Feb 2023 22:07
 Operator : CG/JU
 Sample : PB150362BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150362BS

Quant Time: Feb 02 03:55:18 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	7.934	152	67726	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	234204	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	164741	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	315574	20.000	ng	0.00
76) Chrysene-d12	21.492	240	250299	20.000	ng	0.00
86) Perylene-d12	23.886	264	297376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	301825	87.300	ng	0.00
7) Phenol-d6	7.110	99	333087	84.472	ng	0.00
23) Nitrobenzene-d5	9.116	82	339681	82.381	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	181303	80.968	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1088097	84.087	ng	0.00
79) Terphenyl-d14	19.933	244	1236487	87.175	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	45597	29.916	ng	95
3) Pyridine	3.763	79	111221	30.687	ng	96
4) n-Nitrosodimethylamine	3.681	42	68580	41.914	ng	93
6) Aniline	7.269	93	147092	29.904	ng	99
8) 2-Chlorophenol	7.498	128	162200	42.995	ng	99
9) Benzaldehyde	7.081	77	37666	21.672	ng	96
10) Phenol	7.134	94	166985	41.918	ng	98
11) bis(2-Chloroethyl)ether	7.363	93	134041	41.549	ng	99
12) 1,3-Dichlorobenzene	7.822	146	210994	43.774	ng	97
13) 1,4-Dichlorobenzene	7.975	146	214678	44.131	ng	98
14) 1,2-Dichlorobenzene	8.287	146	205560	44.109	ng	98
15) Benzyl Alcohol	8.187	79	122079	42.063	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	125841	41.182	ng	96
17) 2-Methylphenol	8.392	107	118006	38.620	ng	97
18) Hexachloroethane	9.016	117	72466	46.127	ng	93
19) n-Nitroso-di-n-propyla...	8.757	70	97980	41.223	ng	98
20) 3+4-Methylphenols	8.722	107	155994	38.291	ng	99
22) Acetophenone	8.775	105	219039	39.217	ng	99
24) Nitrobenzene	9.157	77	161327	38.548	ng	97
25) Isophorone	9.681	82	270836	37.496	ng	100
26) 2-Nitrophenol	9.863	139	94888	40.745	ng	93
27) 2,4-Dimethylphenol	9.928	122	132219	39.350	ng	99
28) bis(2-Chloroethoxy)met...	10.163	93	174528	39.537	ng	99
29) 2,4-Dichlorophenol	10.398	162	198000	41.478	ng	98
30) 1,2,4-Trichlorobenzene	10.610	180	216562	42.648	ng	99
31) Naphthalene	10.798	128	480784	40.004	ng	98
32) Benzoic acid	10.081	122	97963	36.017	ng	98
33) 4-Chloroaniline	10.916	127	118517	22.501	ng	97
34) Hexachlorobutadiene	11.069	225	109953	43.225	ng	96
35) Caprolactam	11.722	113	18843	18.328	ng	89
36) 4-Chloro-3-methylphenol	12.039	107	134475	38.097	ng	99
37) 2-Methylnaphthalene	12.404	142	370525	38.151	ng	99
38) 1-Methylnaphthalene	12.622	142	350650	38.316	ng	98
40) 1,2,4,5-Tetrachloroben...	12.769	216	180229	42.037	ng	98
41) Hexachlorocyclopentadiene	12.739	237	267649	100.601	ng	99
43) 2,4,6-Trichlorophenol	13.016	196	139380	41.380	ng	99

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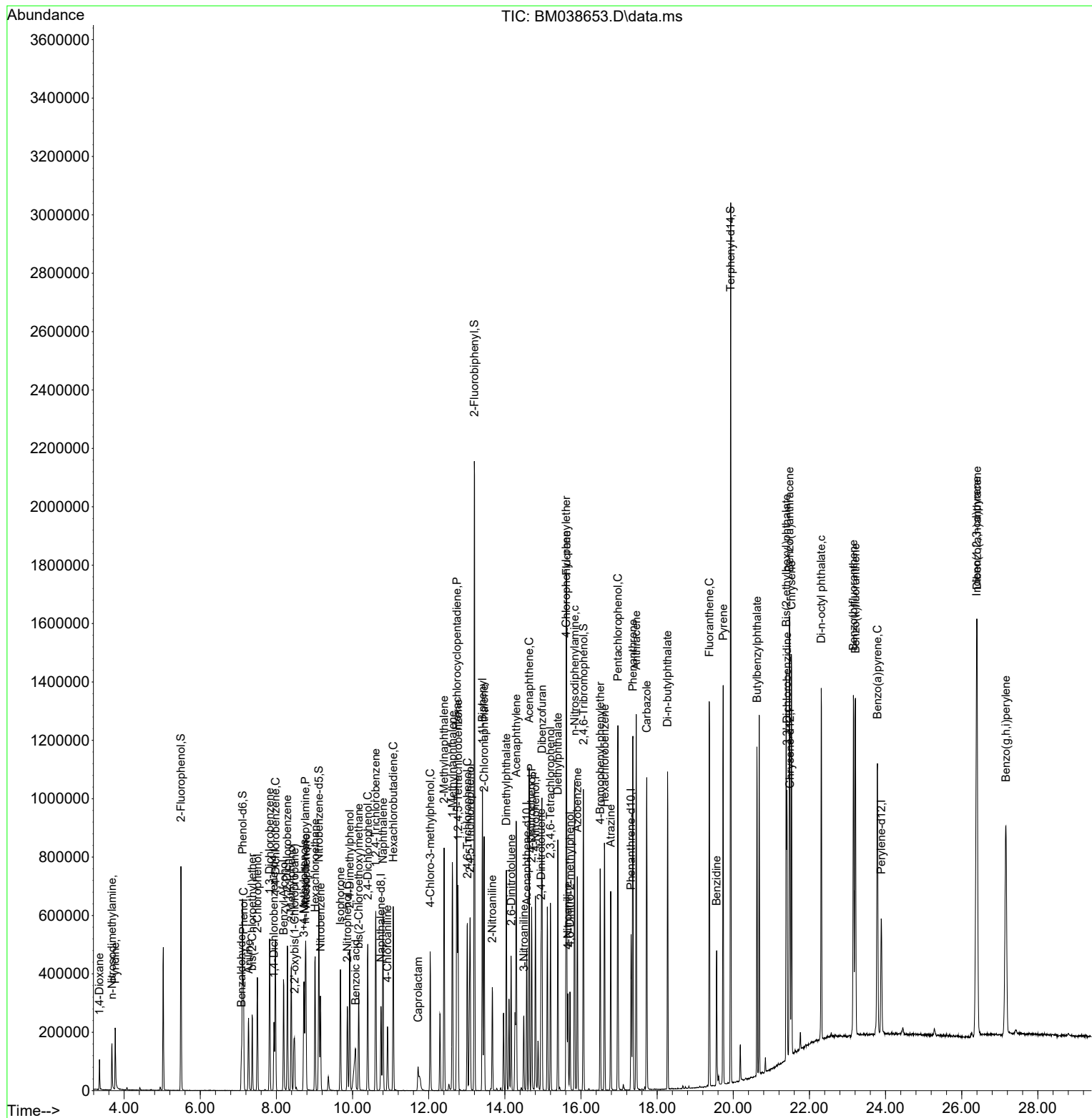
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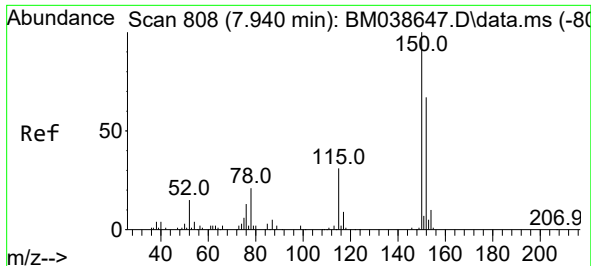
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	146642	36.996	ng	95
46) 1,1'-Biphenyl	13.410	154	536333	41.099	ng	99
47) 2-Chloronaphthalene	13.457	162	431404	42.011	ng	99
48) 2-Nitroaniline	13.669	65	81578	35.780	ng	96
49) Acenaphthylene	14.298	152	632513	39.107	ng	98
50) Dimethylphthalate	14.039	163	493918	36.740	ng	100
51) 2,6-Dinitrotoluene	14.169	165	104455	38.228	ng	97
52) Acenaphthene	14.639	154	376807	39.017	ng	100
53) 3-Nitroaniline	14.498	138	72187	26.015	ng	97
54) 2,4-Dinitrophenol	14.704	184	139975	78.703	ng	97
55) Dibenzofuran	14.974	168	638685	38.405	ng	100
56) 4-Nitrophenol	14.804	139	164490	75.060	ng	97
57) 2,4-Dinitrotoluene	14.951	165	144412	36.232	ng	93
58) Fluorene	15.621	166	509861	38.747	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	106662	38.664	ng	100
60) Diethylphthalate	15.392	149	475991	37.374	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	217475	38.957	ng	99
62) 4-Nitroaniline	15.657	138	92482	32.140	ng	97
63) Azobenzene	15.904	77	367537	37.509	ng	98
65) 4,6-Dinitro-2-methylph...	15.710	198	74462	37.482	ng	99
66) n-Nitrosodiphenylamine	15.833	169	418274	40.593	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	128425	42.147	ng	96
68) Hexachlorobenzene	16.621	284	166867	44.809	ng	99
69) Atrazine	16.780	200	128978	43.187	ng	99
70) Pentachlorophenol	16.968	266	198278	73.040	ng	100
71) Phenanthrene	17.363	178	760825	40.604	ng	99
72) Anthracene	17.451	178	767135	40.019	ng	99
73) Carbazole	17.727	167	710146	39.722	ng	100
74) Di-n-butylphthalate	18.274	149	803156	39.764	ng	100
75) Fluoranthene	19.368	202	752582	38.253	ng	99
77) Benzidine	19.562	184	282985	38.304	ng	100
78) Pyrene	19.733	202	791889	41.093	ng	99
80) Butylbenzylphthalate	20.621	149	355252	37.475	ng	99
81) Benzo(a)anthracene	21.474	228	690239	38.985	ng	99
82) 3,3'-Dichlorobenzidine	21.409	252	254370	41.760	ng	98
83) Chrysene	21.527	228	647961	37.983	ng	98
84) Bis(2-ethylhexyl)phtha...	21.392	149	517197	37.390	ng	98
85) Di-n-octyl phthalate	22.309	149	892014	39.325	ng	100
87) Indeno(1,2,3-cd)pyrene	26.391	276	1090572	46.559	ng	99
88) Benzo(b)fluoranthene	23.156	252	808634	45.399	ng	99
89) Benzo(k)fluoranthene	23.209	252	814330	45.022	ng	100
90) Benzo(a)pyrene	23.786	252	732629	41.593	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	948276	48.120	ng	99
92) Benzo(g,h,i)perylene	27.162	276	947058	47.542	ng	99

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

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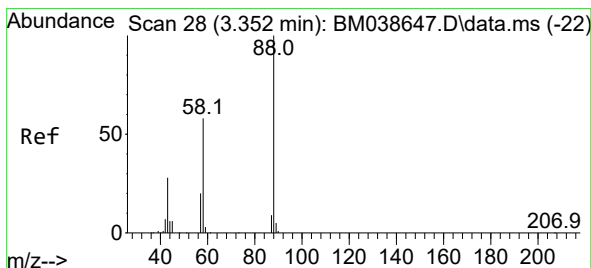
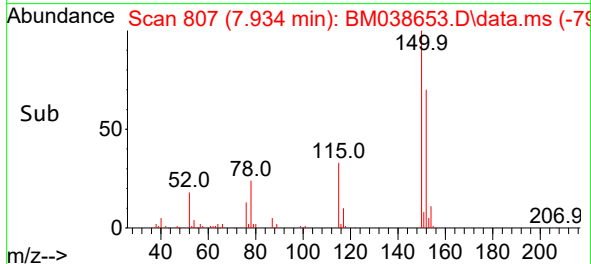
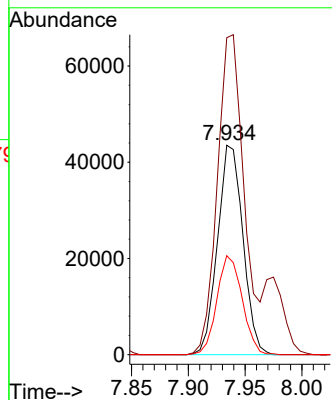
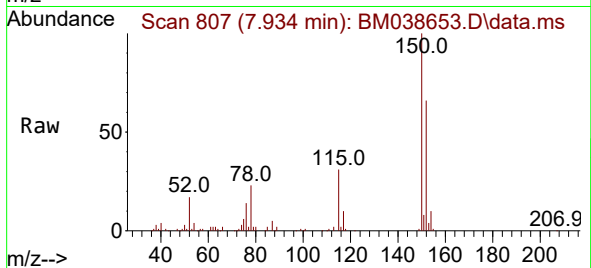




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

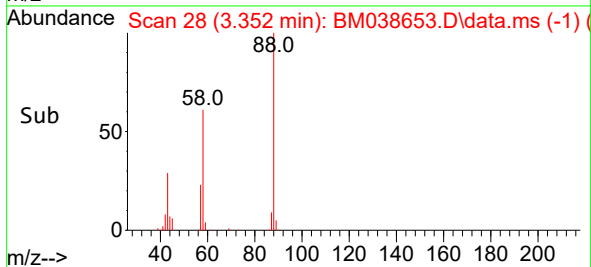
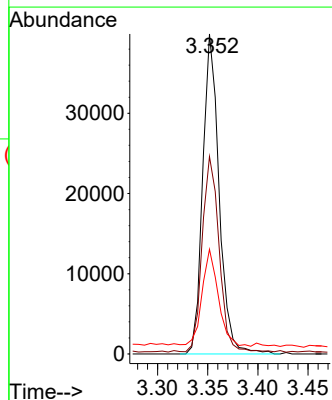
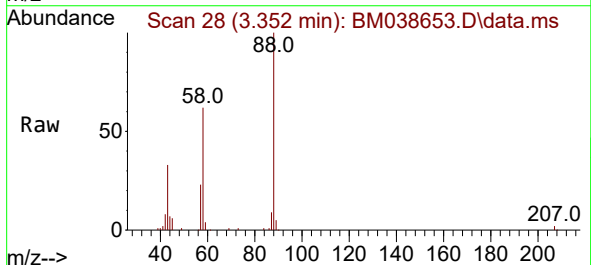
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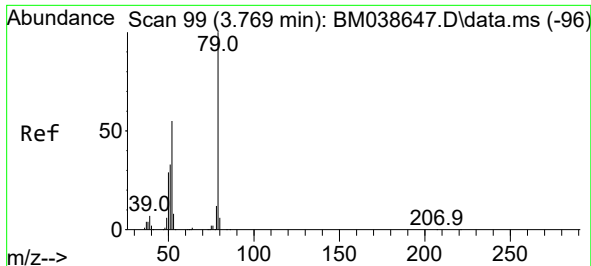
Tgt Ion:152 Resp: 67726
Ion Ratio Lower Upper
152 100
150 151.3 119.5 179.3
115 47.3 37.6 56.4



#2
1,4-Dioxane
Concen: 29.916 ng
RT: 3.352 min Scan# 28
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion: 88 Resp: 45597
Ion Ratio Lower Upper
88 100
58 62.8 47.0 70.4
43 30.2 22.6 33.8

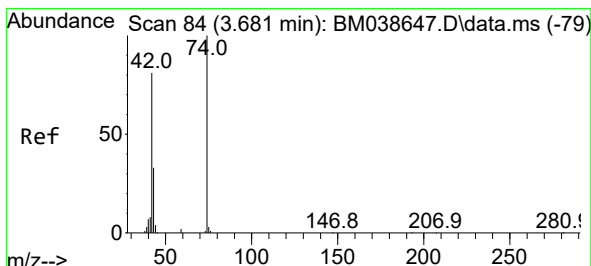
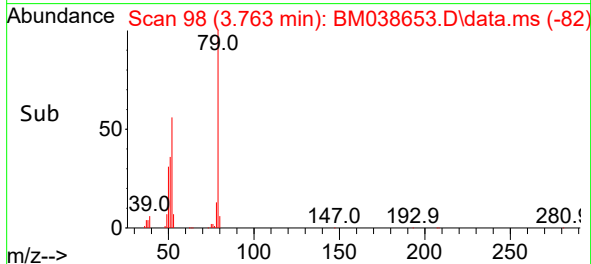
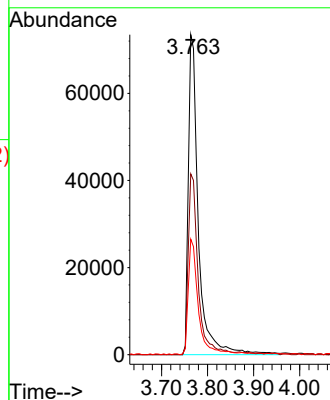
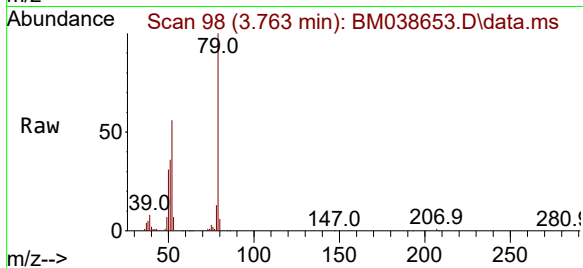




#3
 Pyridine
 Concen: 30.687 ng
 RT: 3.763 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BM038653.D
 Acq: 01 Feb 2023 22:07

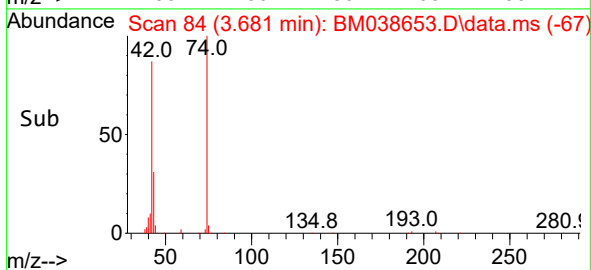
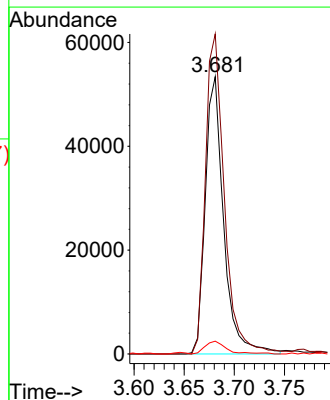
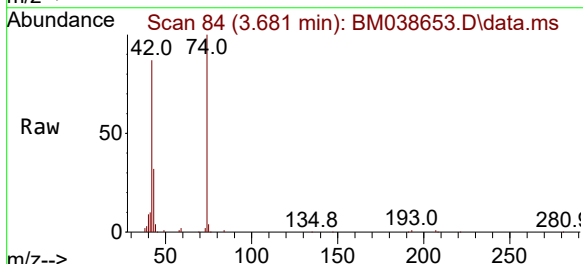
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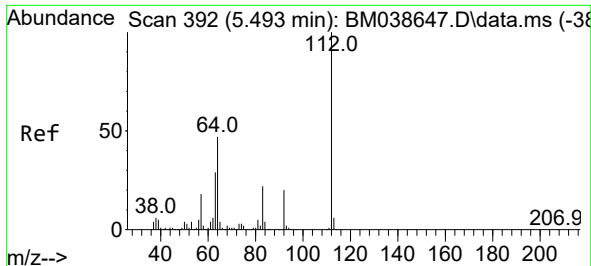
Tgt Ion: 79 Resp: 111221
 Ion Ratio Lower Upper
 79 100
 52 56.5 43.7 65.5
 51 36.1 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 41.914 ng
 RT: 3.681 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BM038653.D
 Acq: 01 Feb 2023 22:07

Tgt Ion: 42 Resp: 68580
 Ion Ratio Lower Upper
 42 100
 74 115.4 98.4 147.6
 44 4.6 3.5 5.3

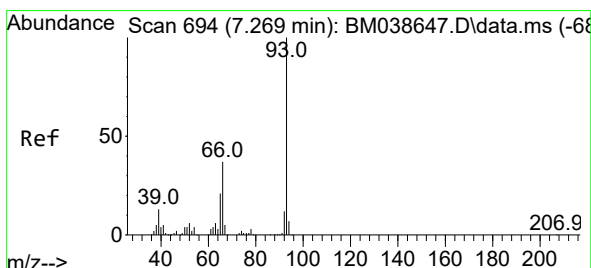
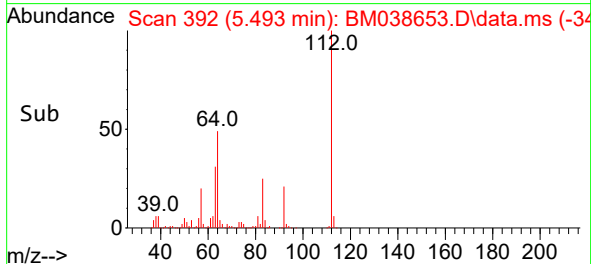
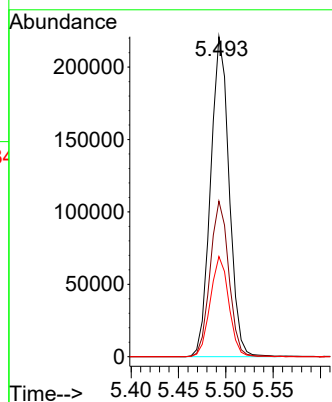
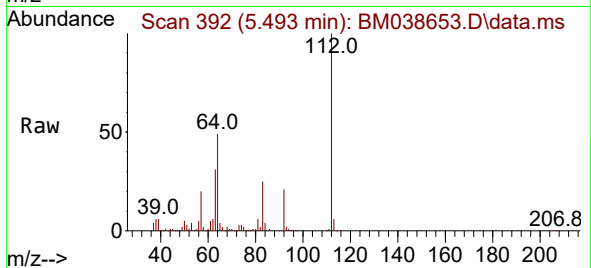




#5
2-Fluorophenol
Concen: 87.300 ng
RT: 5.493 min Scan# 392
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

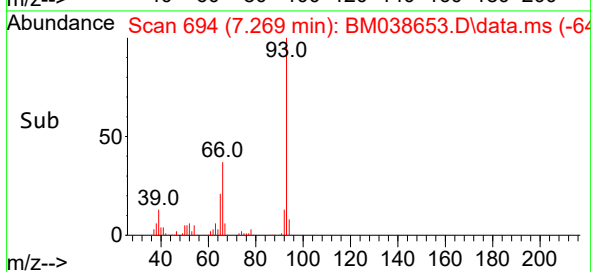
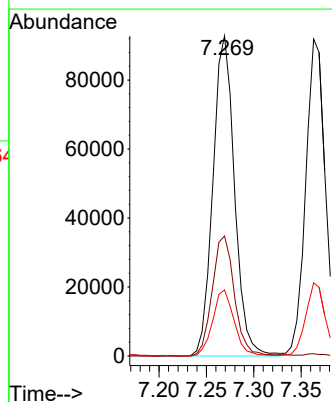
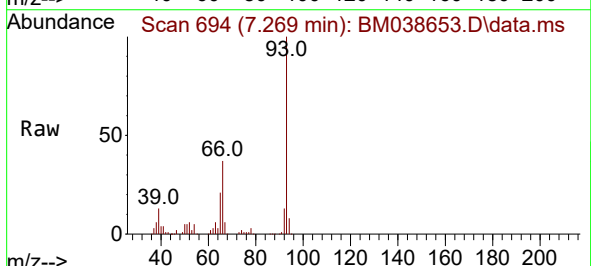
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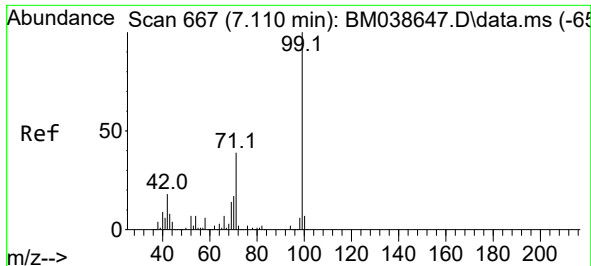
Tgt Ion:	112	Resp:	301825
Ion Ratio	Lower	Upper	
112	100		
64	48.6	37.9	56.9
63	31.3	23.3	34.9



#6
Aniline
Concen: 29.904 ng
RT: 7.269 min Scan# 694
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:	93	Resp:	147092
Ion Ratio	Lower	Upper	
93	100		
66	37.5	29.8	44.8
65	20.7	16.9	25.3

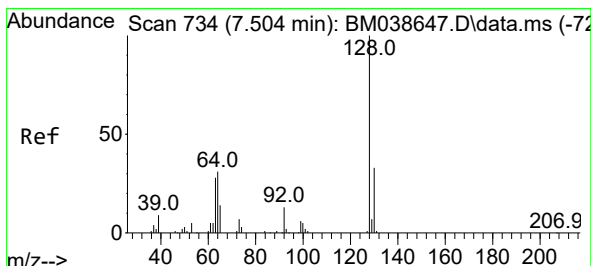
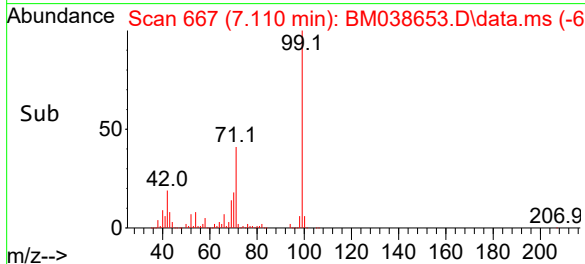
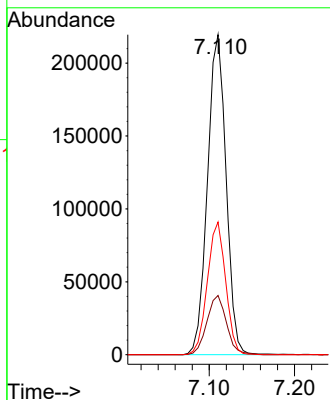
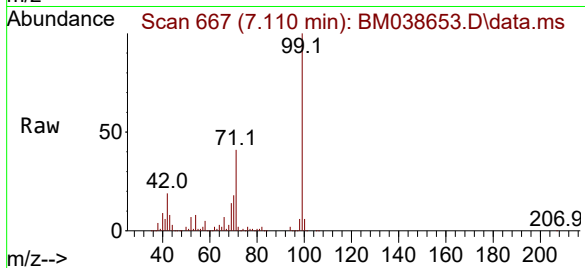




#7
Phenol-d6
Concen: 84.472 ng
RT: 7.110 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

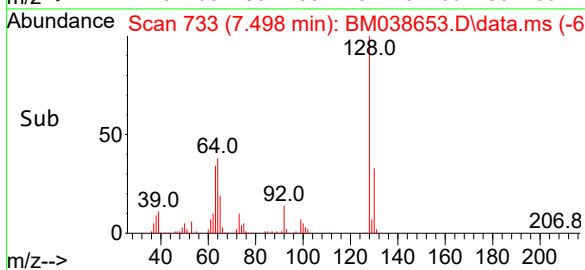
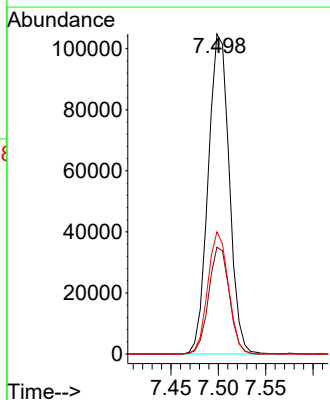
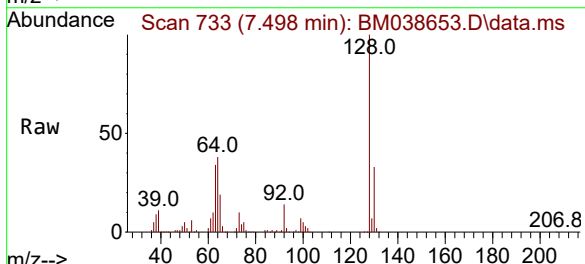
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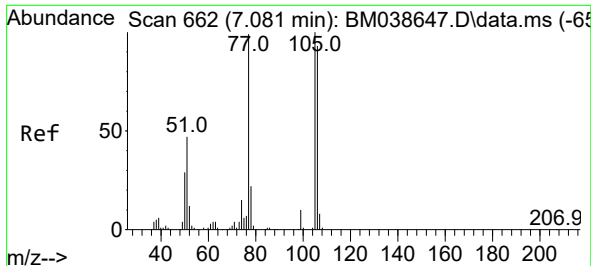
Tgt Ion: 99 Resp: 333087
Ion Ratio Lower Upper
99 100
42 18.5 14.6 22.0
71 41.4 31.0 46.4



#8
2-Chlorophenol
Concen: 42.995 ng
RT: 7.498 min Scan# 733
Delta R.T. -0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion: 128 Resp: 162200
Ion Ratio Lower Upper
128 100
130 33.4 13.2 53.2
64 38.2 17.3 57.3

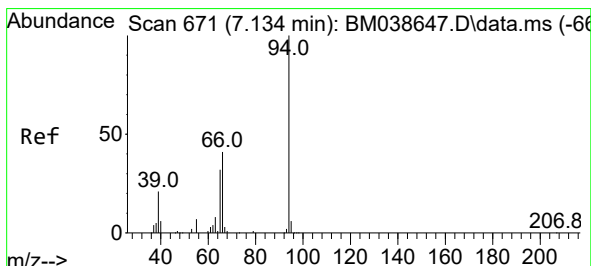
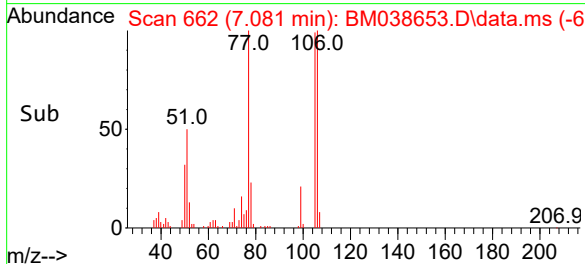
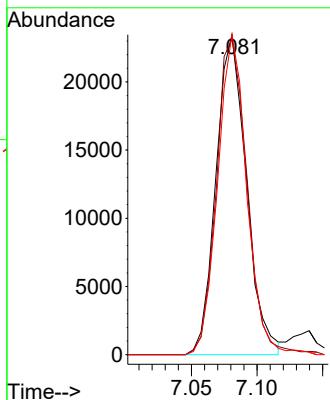
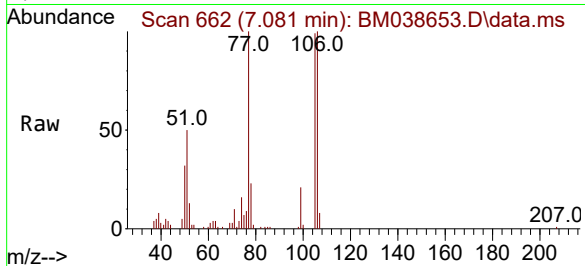




#9
Benzaldehyde
Concen: 21.672 ng
RT: 7.081 min Scan# 662
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

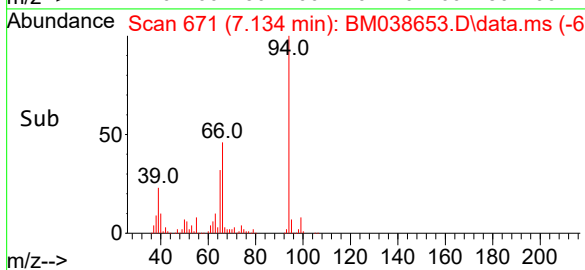
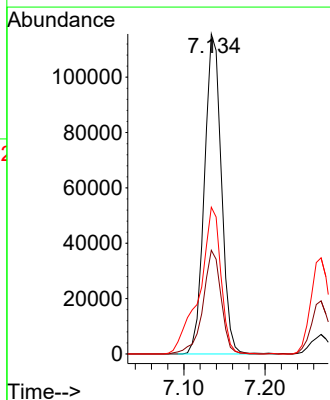
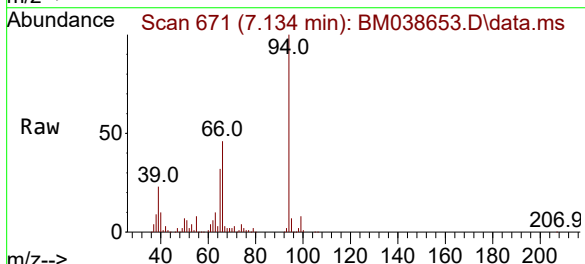
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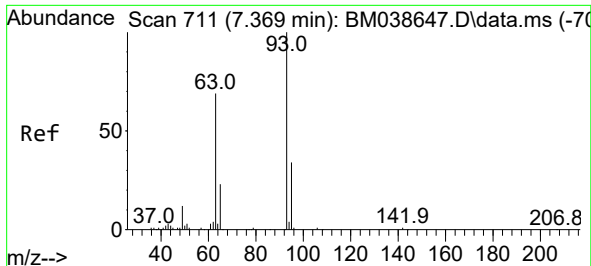
Tgt Ion: 77 Resp: 37666
Ion Ratio Lower Upper
77 100
105 98.7 80.8 120.8
106 100.1 73.8 113.8



#10
Phenol
Concen: 41.918 ng
RT: 7.134 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion: 94 Resp: 166985
Ion Ratio Lower Upper
94 100
65 32.4 12.3 52.3
66 45.9 24.2 64.2

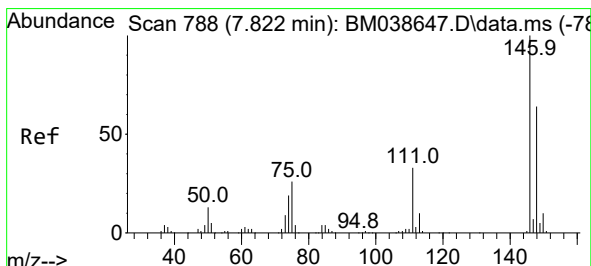
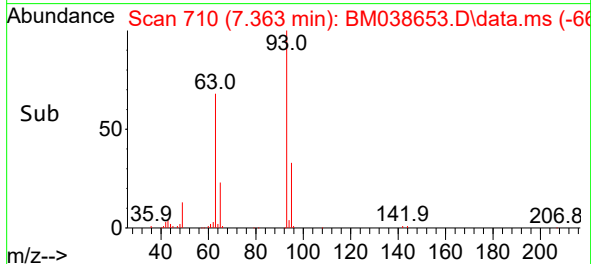
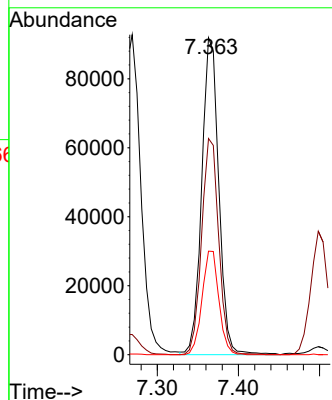
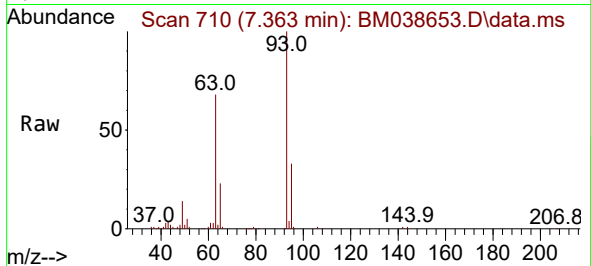




#11
bis(2-Chloroethyl)ether
Concen: 41.549 ng
RT: 7.363 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

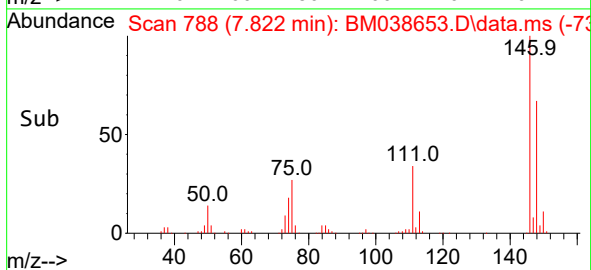
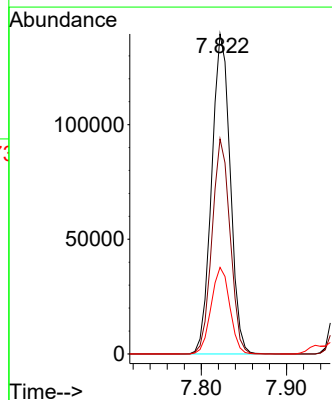
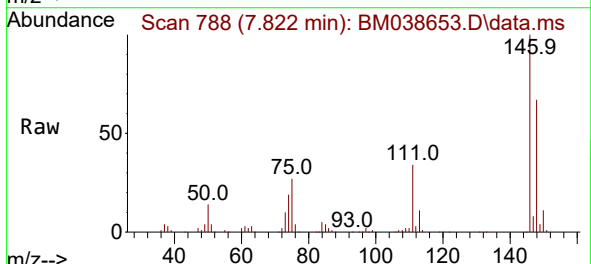
Instrument :
BNA_M
ClientSampleId :
PB150362BS

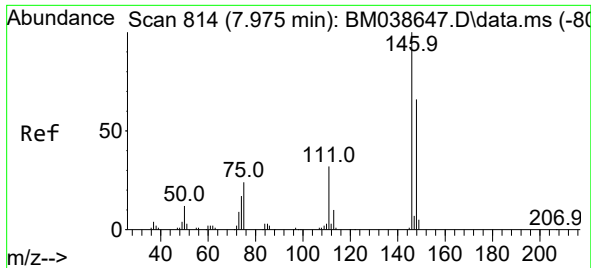
Tgt Ion: 93 Resp: 134041
Ion Ratio Lower Upper
93 100
63 68.2 48.5 88.5
95 32.6 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 43.774 ng
RT: 7.822 min Scan# 788
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion: 146 Resp: 210994
Ion Ratio Lower Upper
146 100
148 67.2 51.5 77.3
75 27.1 21.1 31.7

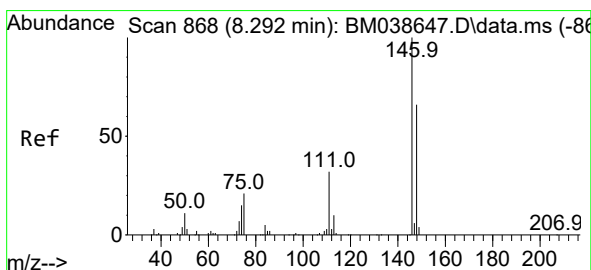
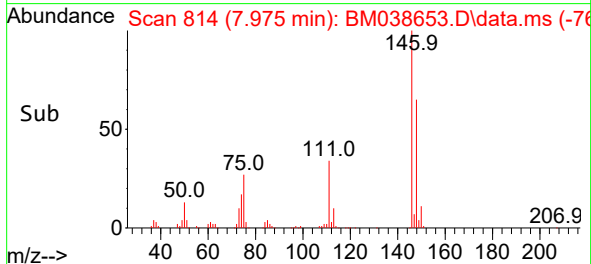
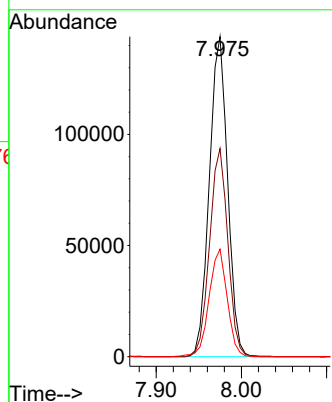
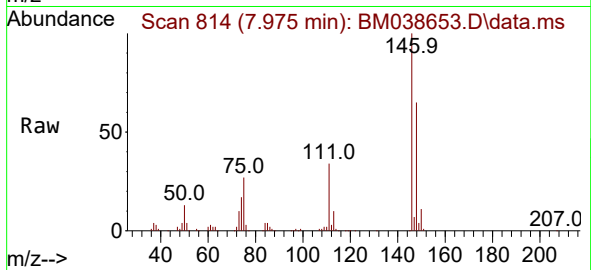




#13
1,4-Dichlorobenzene
Concen: 44.131 ng
RT: 7.975 min Scan# 814
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

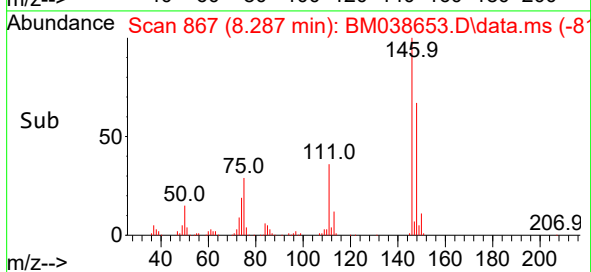
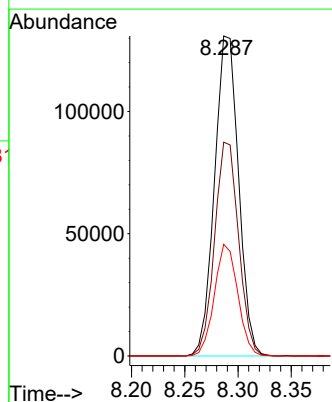
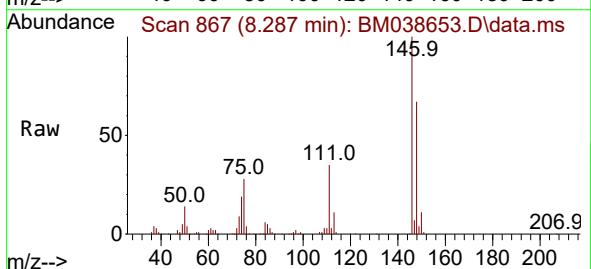
Instrument :
BNA_M
ClientSampleId :
PB150362BS

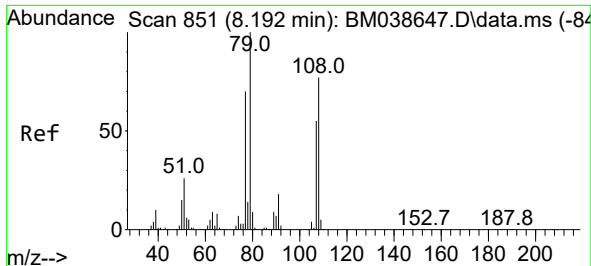
Tgt Ion:146 Resp: 214678
Ion Ratio Lower Upper
146 100
148 65.1 53.1 79.7
111 33.6 25.9 38.9



#14
1,2-Dichlorobenzene
Concen: 44.109 ng
RT: 8.287 min Scan# 867
Delta R.T. -0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:146 Resp: 205560
Ion Ratio Lower Upper
146 100
148 66.8 52.9 79.3
111 34.9 26.2 39.2

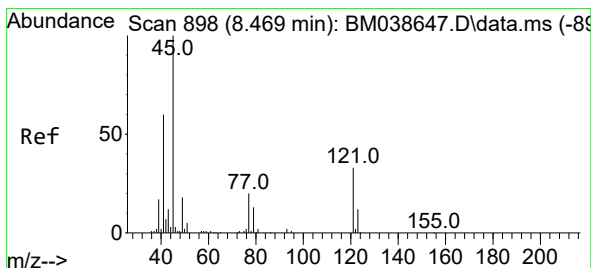
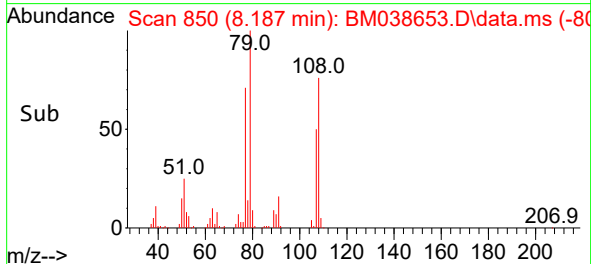
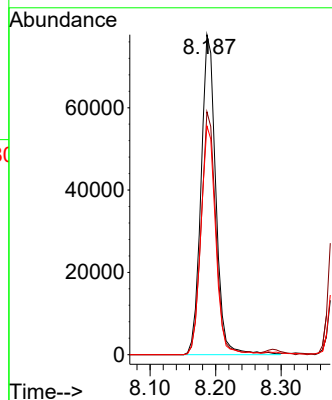
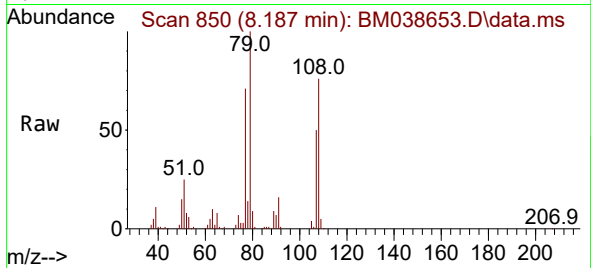




#15
Benzyl Alcohol
Concen: 42.063 ng
RT: 8.187 min Scan# 851
Delta R.T. -0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

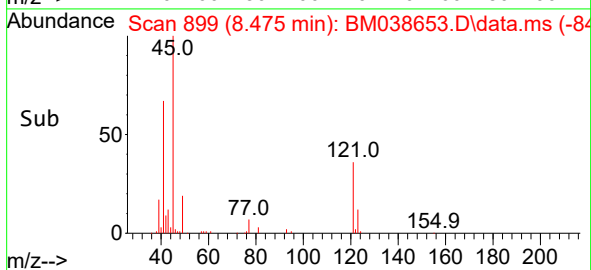
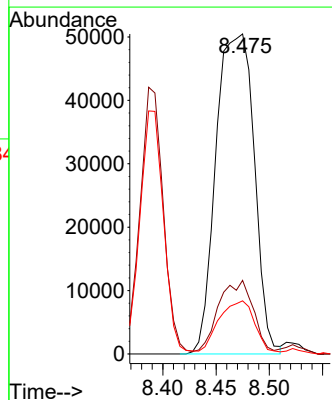
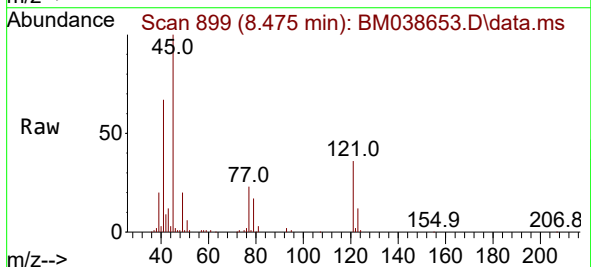
Instrument :
BNA_M
ClientSampleId :
PB150362BS

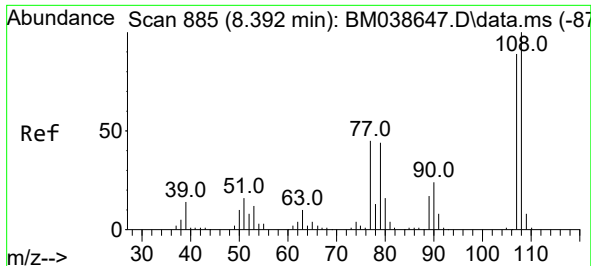
Tgt Ion: 79 Resp: 122079
Ion Ratio Lower Upper
79 100
108 75.9 61.9 92.9
77 71.4 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.182 ng
RT: 8.475 min Scan# 899
Delta R.T. 0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion: 45 Resp: 125841
Ion Ratio Lower Upper
45 100
77 23.0 1.1 41.1
79 16.6 0.0 34.6

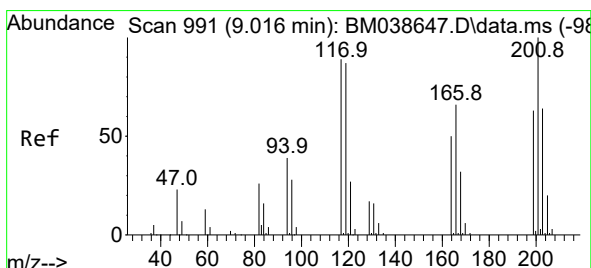
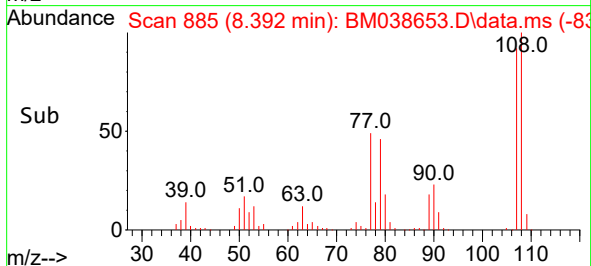
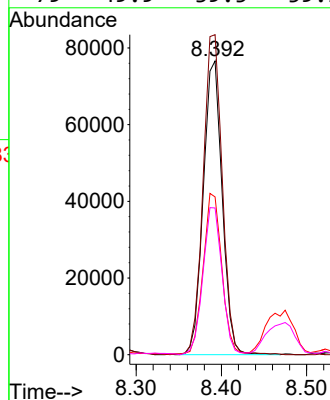
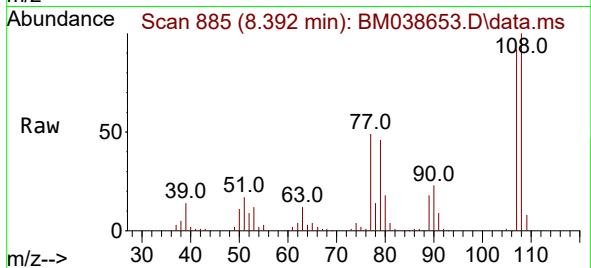




#17
2-Methylphenol
Concen: 38.620 ng
RT: 8.392 min Scan# 885
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

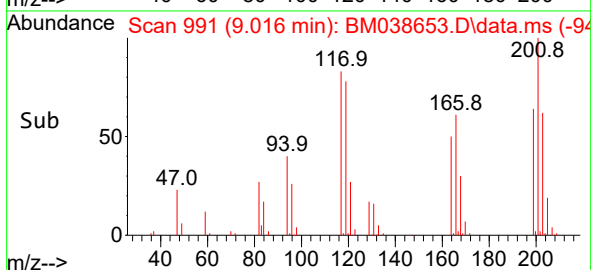
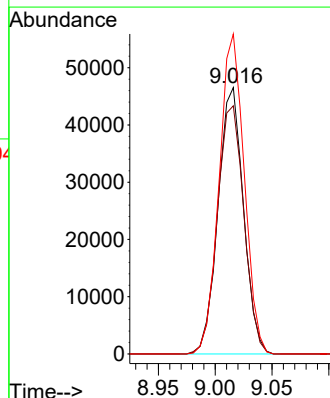
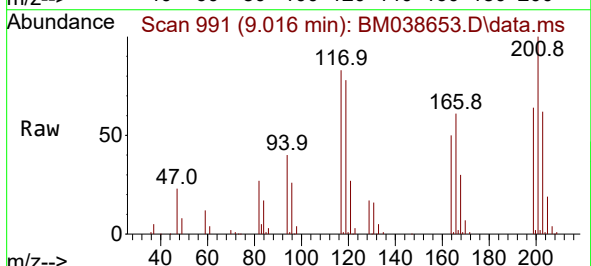
Instrument :
BNA_M
ClientSampleId :
PB150362BS

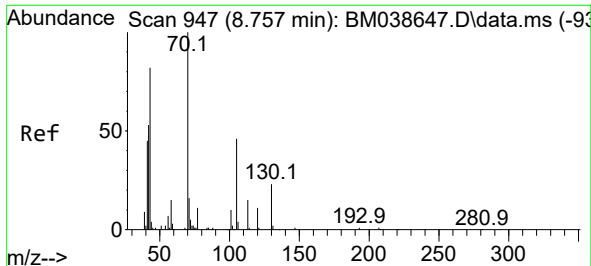
Tgt Ion:	107	Resp:	118006
Ion	Ratio	Lower	Upper
107	100		
108	108.9	89.6	134.4
77	53.7	40.7	61.1
79	49.9	39.5	59.3



#18
Hexachloroethane
Concen: 46.127 ng
RT: 9.016 min Scan# 991
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:	117	Resp:	72466
Ion	Ratio	Lower	Upper
117	100		
119	93.2	78.6	117.8
201	122.3	90.2	135.2

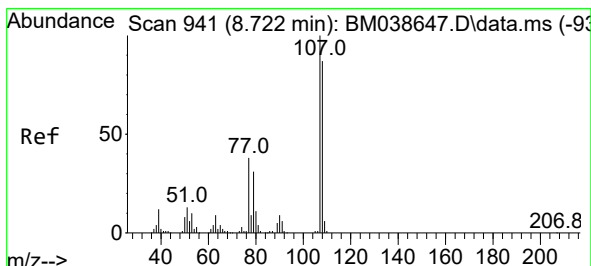
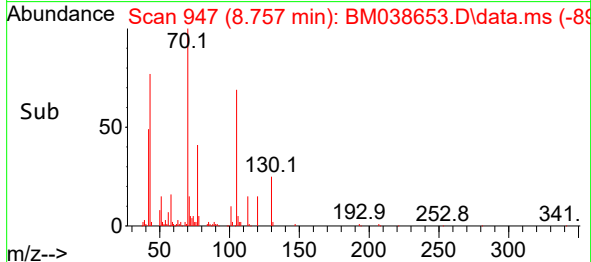
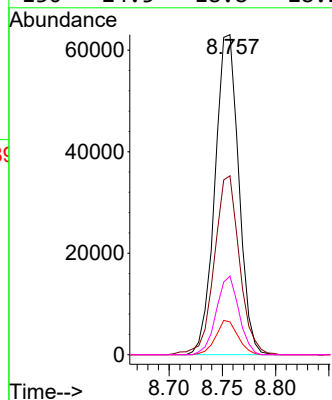
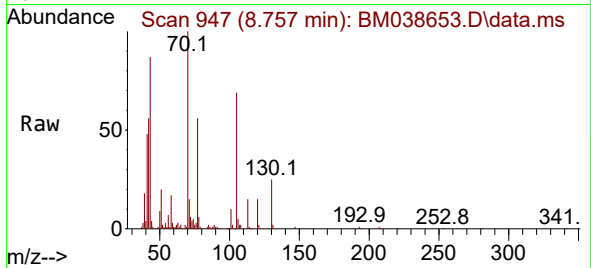




#19
n-Nitroso-di-n-propylamine
Concen: 41.223 ng
RT: 8.757 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

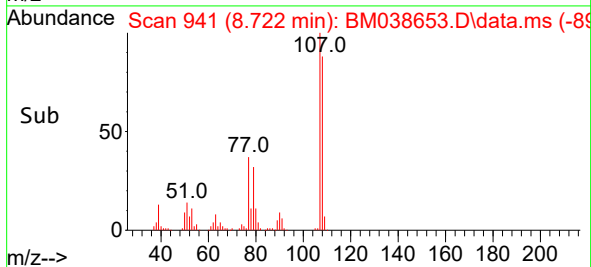
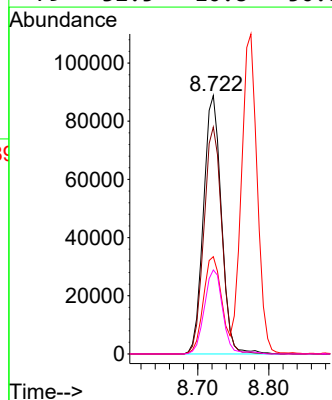
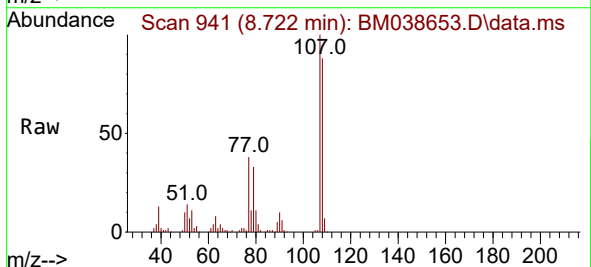
Instrument :
BNA_M
ClientSampleId :
PB150362BS

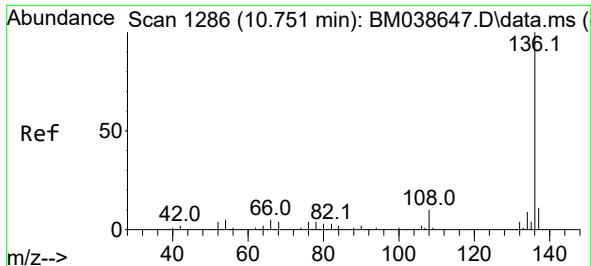
Tgt Ion: 70 Resp: 97980
Ion Ratio Lower Upper
70 100
42 55.9 43.4 65.2
101 10.3 8.2 12.2
130 24.5 18.8 28.2



#20
3+4-Methylphenols
Concen: 38.291 ng
RT: 8.722 min Scan# 941
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion: 107 Resp: 155994
Ion Ratio Lower Upper
107 100
108 87.8 67.2 107.2
77 37.6 17.5 57.5
79 32.5 10.8 50.8

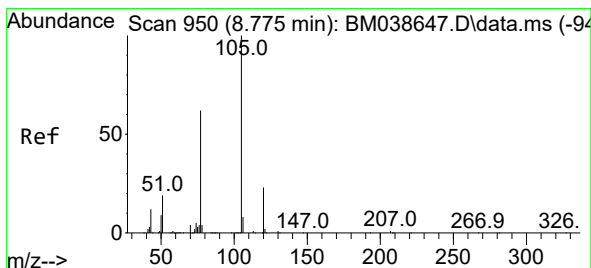
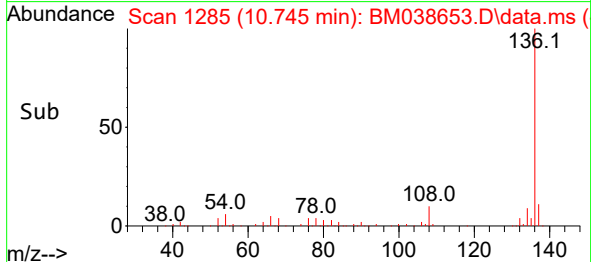
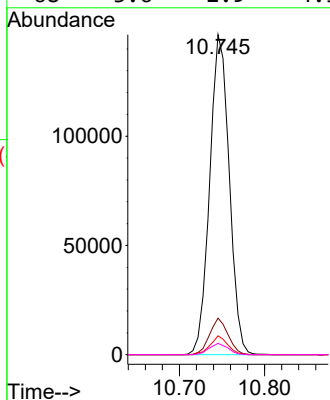
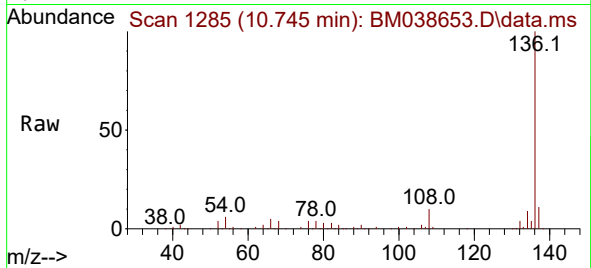




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

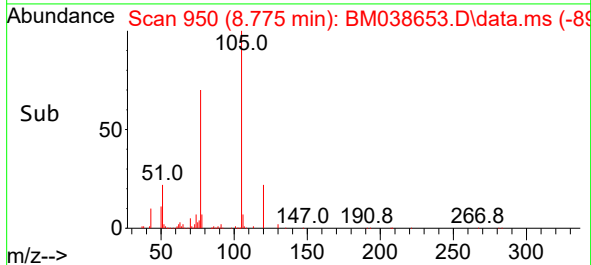
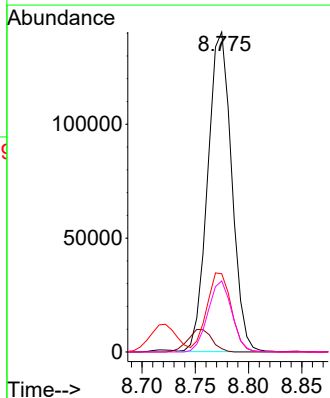
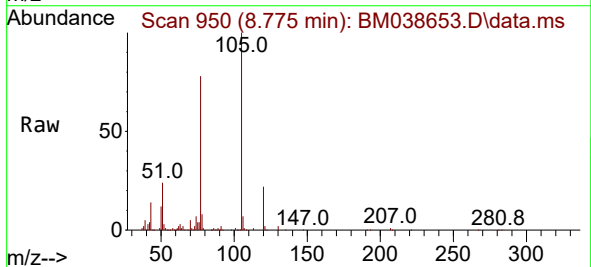
Instrument :
BNA_M
ClientSampleId :
PB150362BS

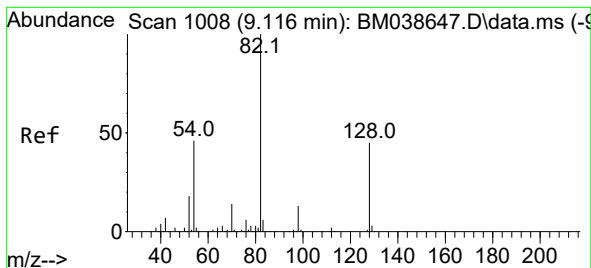
Tgt Ion:	136	Resp:	234204
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	5.9	4.2	6.4
68	3.6	2.9	4.3



#22
Acetophenone
Concen: 39.217 ng
RT: 8.775 min Scan# 950
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:	105	Resp:	219039
Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.9	1.3
51	24.5	19.3	28.9
120	22.2	18.0	27.0





#23

Nitrobenzene-d5

Concen: 82.381 ng

RT: 9.116 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

Instrument :

BNA_M

ClientSampleId :

PB150362BS

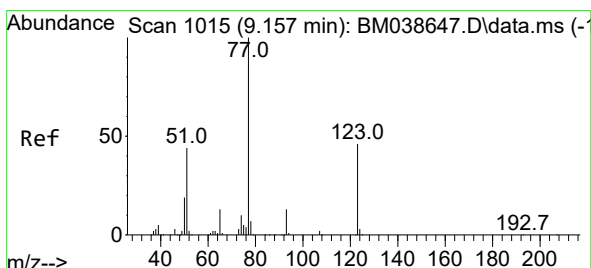
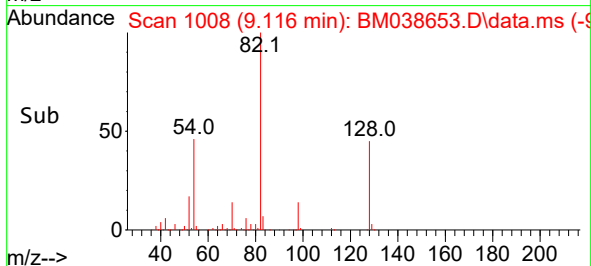
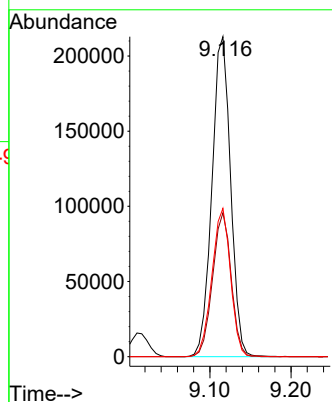
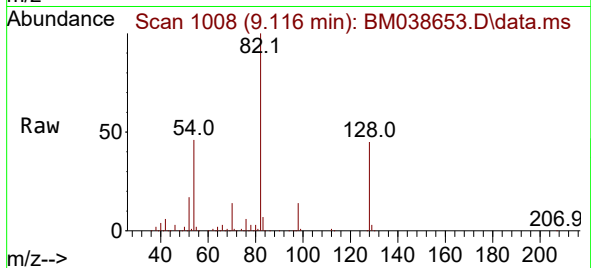
Tgt Ion: 82 Resp: 339681

Ion Ratio Lower Upper

82 100

128 45.0 36.0 54.0

54 46.3 36.8 55.2



#24

Nitrobenzene

Concen: 38.548 ng

RT: 9.157 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

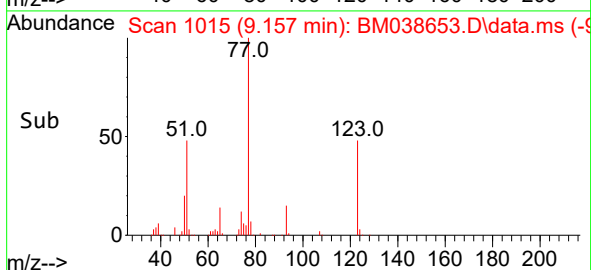
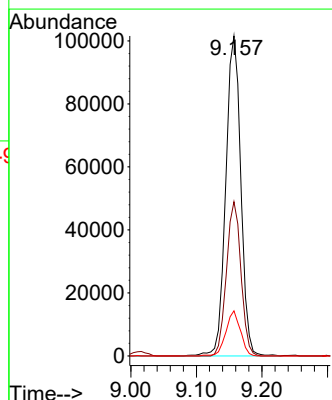
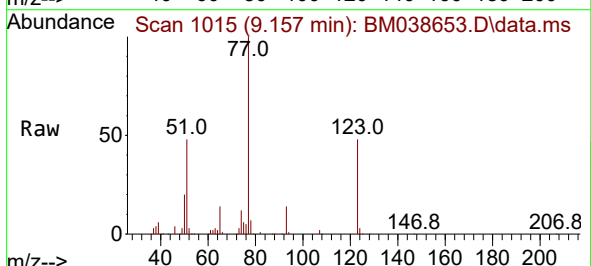
Tgt Ion: 77 Resp: 161327

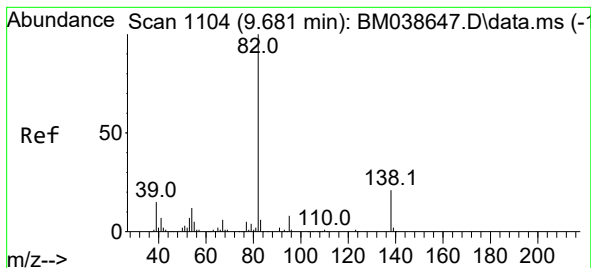
Ion Ratio Lower Upper

77 100

123 48.2 36.5 54.7

65 14.1 10.7 16.1





#25

Isophorone

Concen: 37.496 ng

RT: 9.681 min Scan# 1104

Delta R.T. 0.000 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

Instrument :

BNA_M

ClientSampleId :

PB150362BS

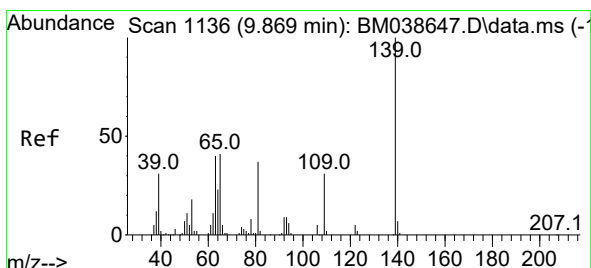
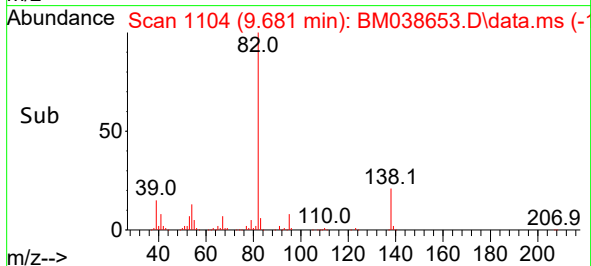
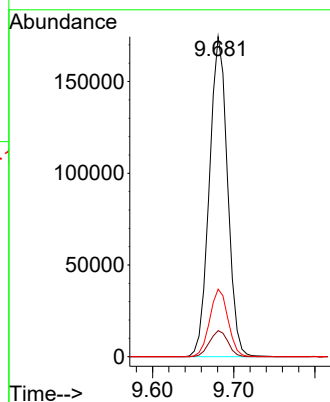
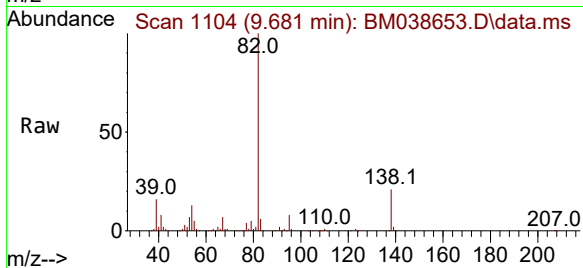
Tgt Ion: 82 Resp: 270836

Ion Ratio Lower Upper

82 100

95 8.2 6.4 9.6

138 21.1 17.0 25.6



#26

2-Nitrophenol

Concen: 40.745 ng

RT: 9.863 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

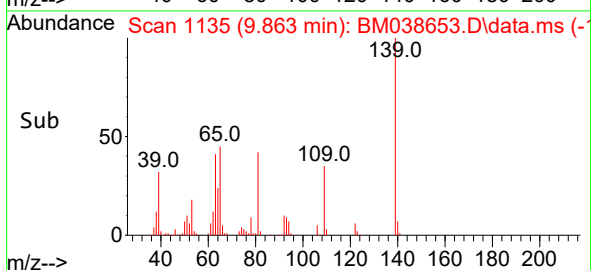
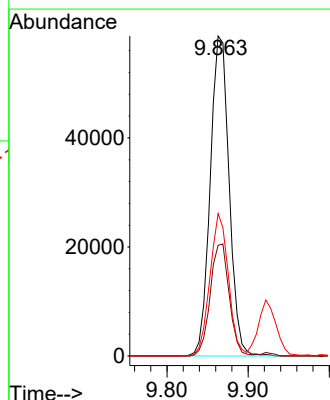
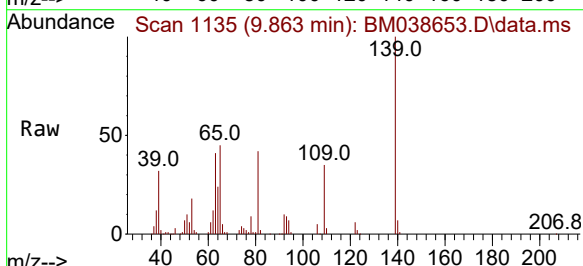
Tgt Ion: 139 Resp: 94888

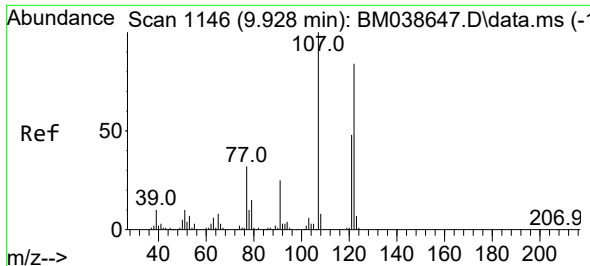
Ion Ratio Lower Upper

139 100

109 34.6 24.5 36.7

65 44.5 32.6 49.0

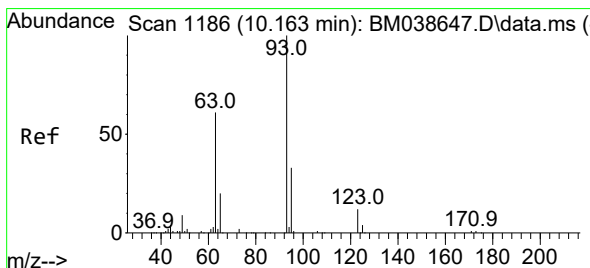
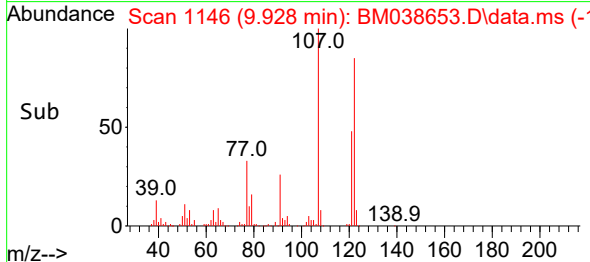
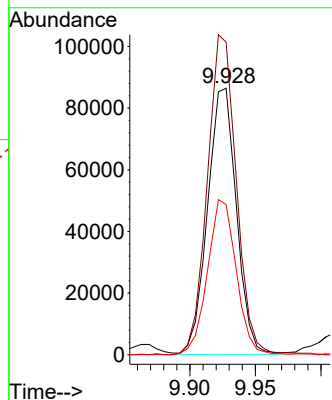
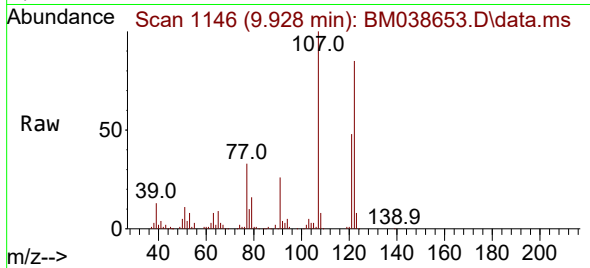




#27
2,4-Dimethylphenol
Concen: 39.350 ng
RT: 9.928 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

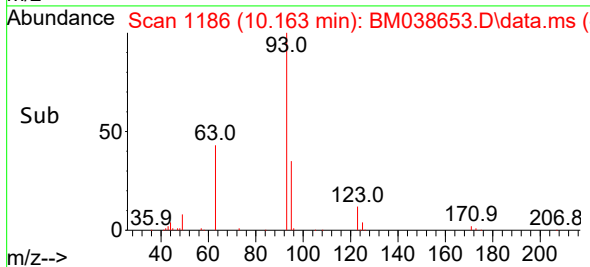
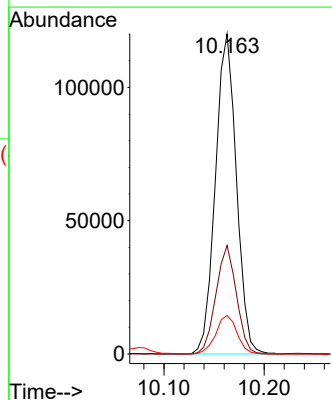
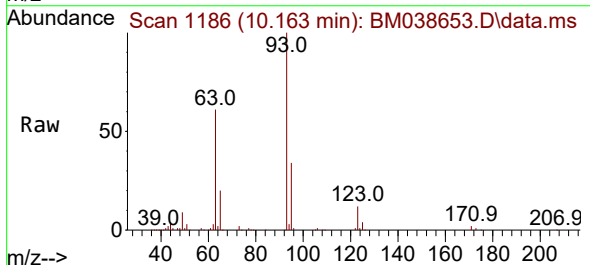
Instrument :
BNA_M
ClientSampleId :
PB150362BS

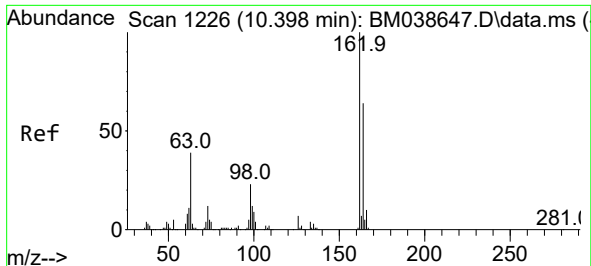
Tgt Ion:122 Resp: 132219
Ion Ratio Lower Upper
122 100
107 117.3 94.9 142.3
121 56.3 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.537 ng
RT: 10.163 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion: 93 Resp: 174528
Ion Ratio Lower Upper
93 100
95 33.9 26.6 40.0
123 12.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 41.478 ng

RT: 10.398 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

Instrument :

BNA_M

ClientSampleId :

PB150362BS

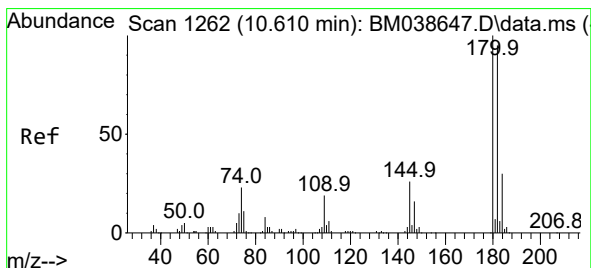
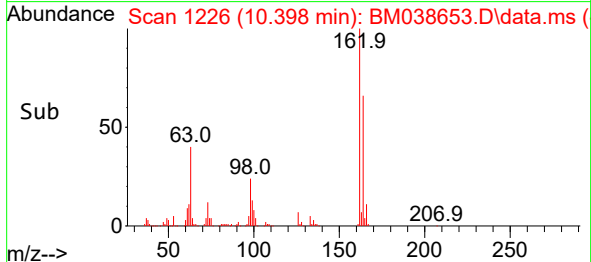
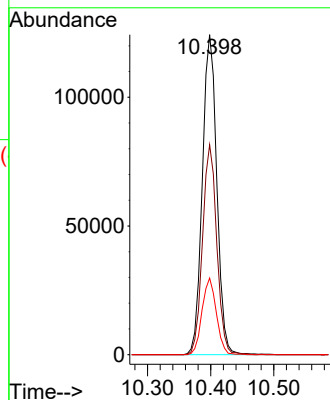
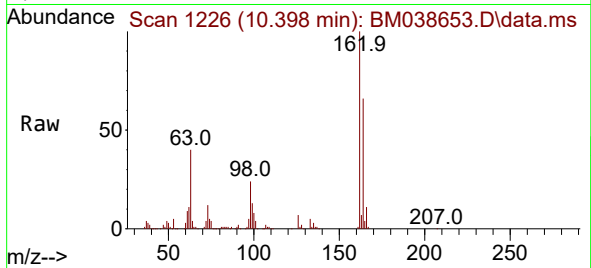
Tgt Ion:162 Resp: 198000

Ion Ratio Lower Upper

162 100

164 65.6 44.3 84.3

98 24.0 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 42.648 ng

RT: 10.610 min Scan# 1262

Delta R.T. 0.000 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

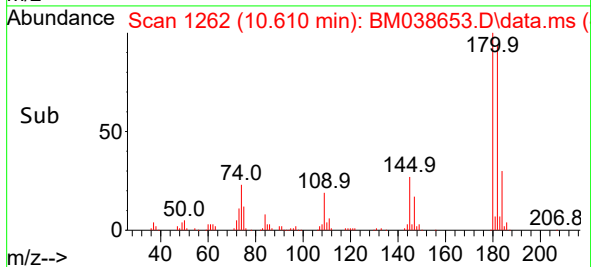
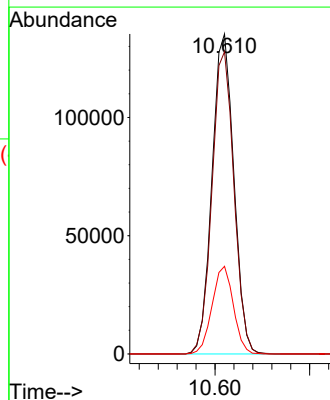
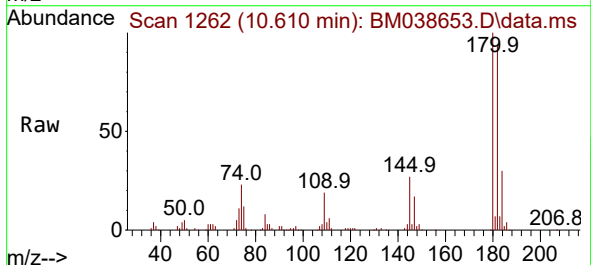
Tgt Ion:180 Resp: 216562

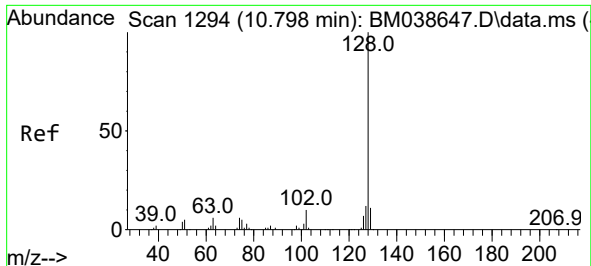
Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.2

145 27.4 20.8 31.2

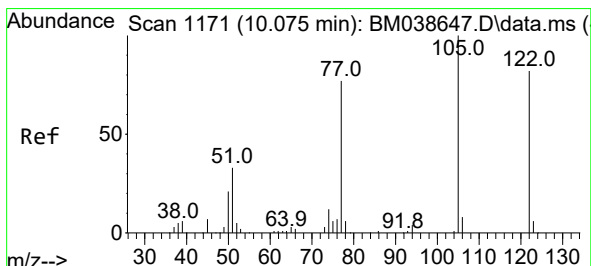
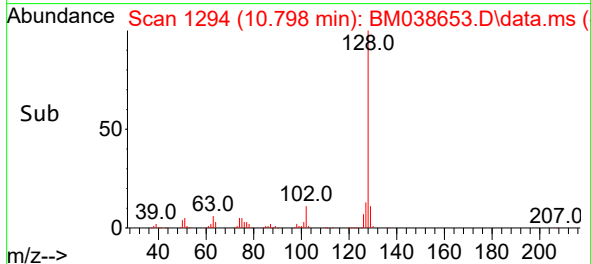
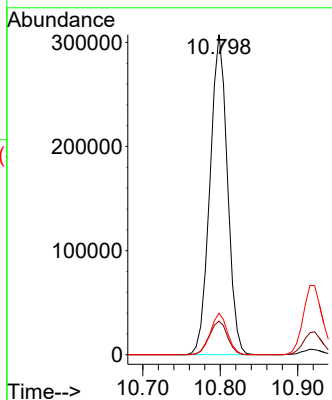
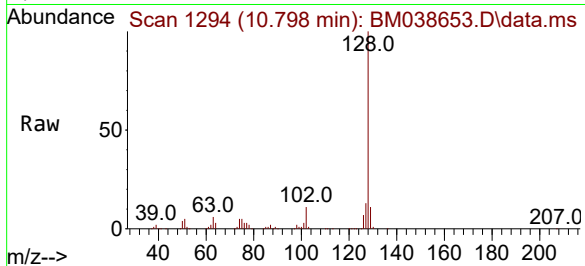




#31
Naphthalene
Concen: 40.004 ng
RT: 10.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

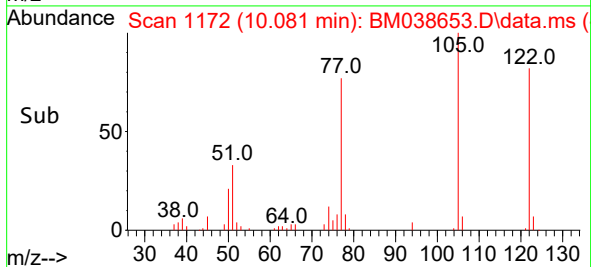
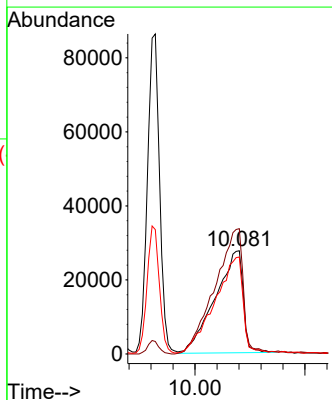
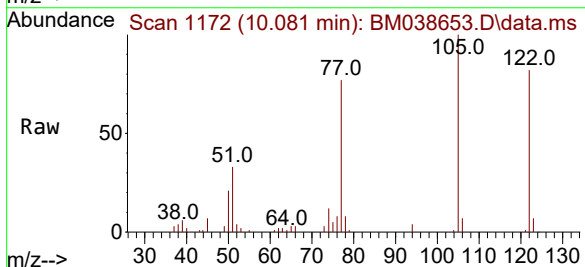
Instrument :
BNA_M
ClientSampleId :
PB150362BS

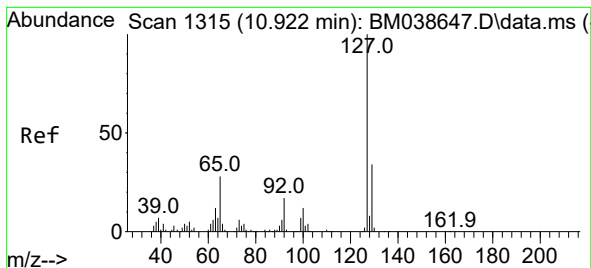
Tgt Ion:128 Resp: 480784
Ion Ratio Lower Upper
128 100
129 10.5 9.1 13.7
127 12.9 9.9 14.9



#32
Benzoic acid
Concen: 36.017 ng
RT: 10.081 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:122 Resp: 97963
Ion Ratio Lower Upper
122 100
105 121.4 99.2 139.2
77 94.0 72.3 112.3





#33

4-Chloroaniline

Concen: 22.501 ng

RT: 10.916 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

Instrument :

BNA_M

ClientSampleId :

PB150362BS

Tgt Ion:127 Resp: 118517

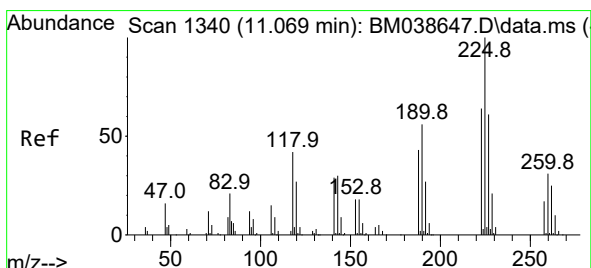
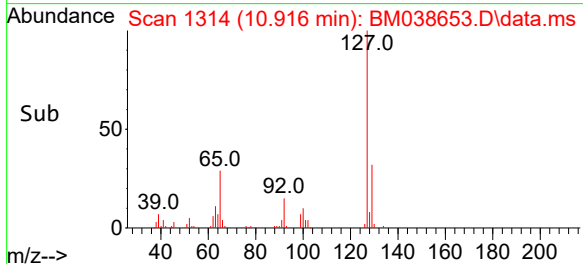
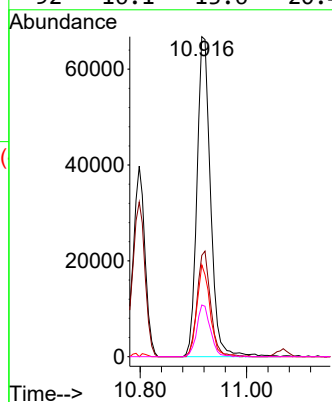
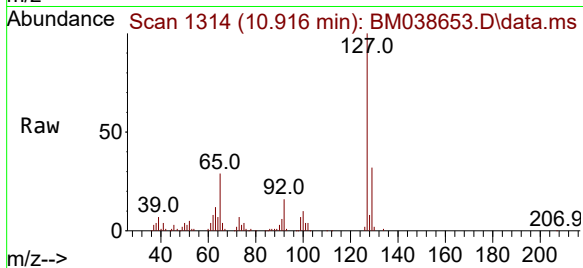
Ion Ratio Lower Upper

127 100

129 31.6 27.1 40.7

65 28.7 22.2 33.4

92 16.1 13.6 20.4



#34

Hexachlorobutadiene

Concen: 43.225 ng

RT: 11.069 min Scan# 1340

Delta R.T. 0.000 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

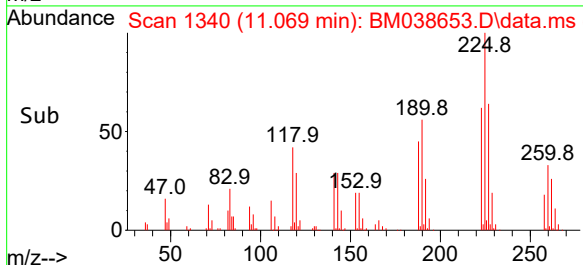
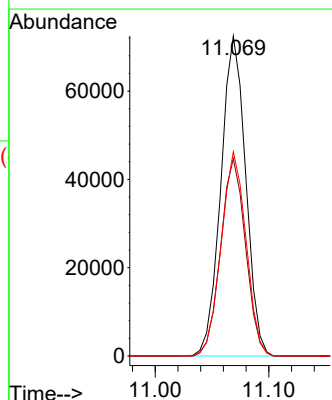
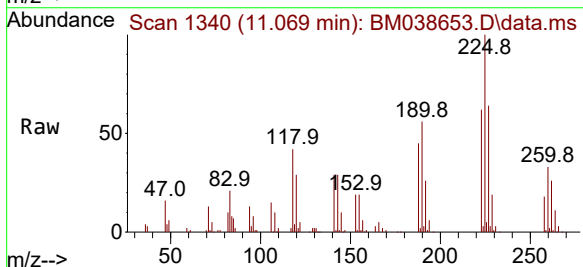
Tgt Ion:225 Resp: 109953

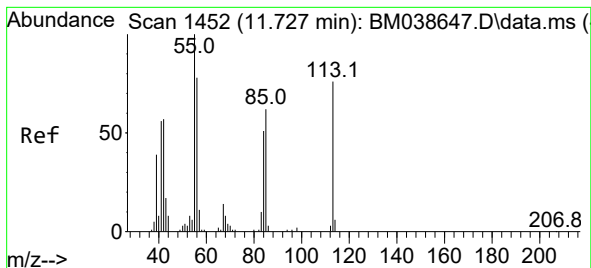
Ion Ratio Lower Upper

225 100

223 59.0 51.0 76.4

227 63.5 49.2 73.8

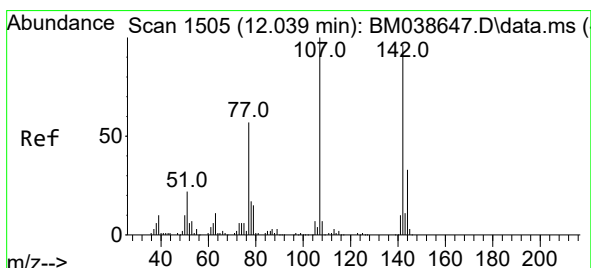
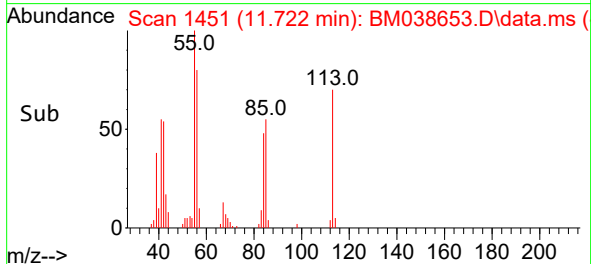
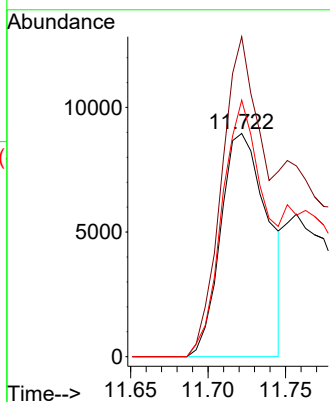
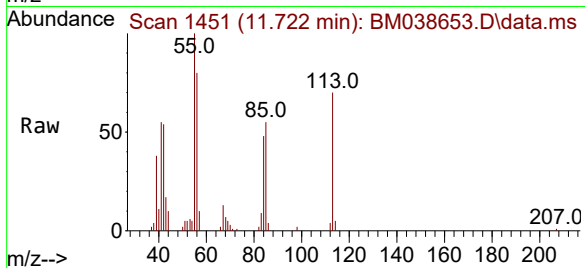




#35
 Caprolactam
 Concen: 18.328 ng
 RT: 11.722 min Scan# 1452
 Delta R.T. -0.005 min
 Lab File: BM038653.D
 Acq: 01 Feb 2023 22:07

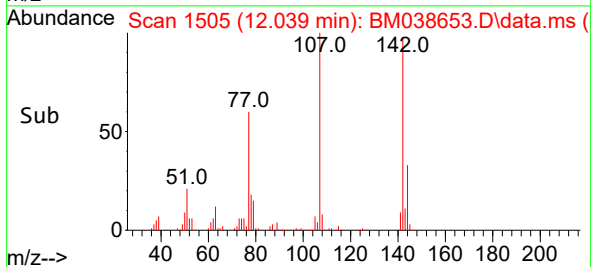
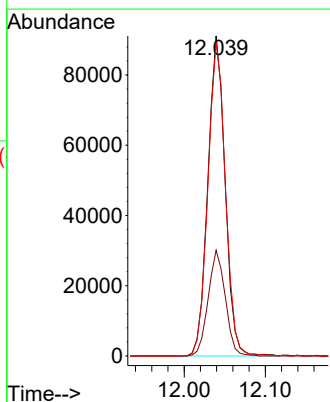
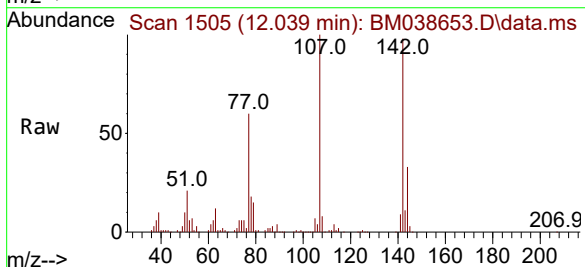
Instrument :
 BNA_M
 ClientSampleId :
 PB150362BS

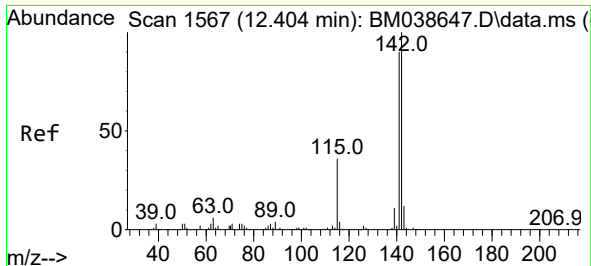
Tgt Ion:113 Resp: 18843
 Ion Ratio Lower Upper
 113 100
 55 143.4 111.2 151.2
 56 114.9 82.0 122.0



#36
 4-Chloro-3-methylphenol
 Concen: 38.097 ng
 RT: 12.039 min Scan# 1505
 Delta R.T. 0.000 min
 Lab File: BM038653.D
 Acq: 01 Feb 2023 22:07

Tgt Ion:107 Resp: 134475
 Ion Ratio Lower Upper
 107 100
 144 33.1 26.5 39.7
 142 98.0 77.0 115.6

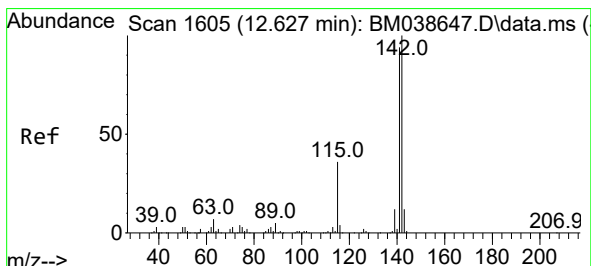
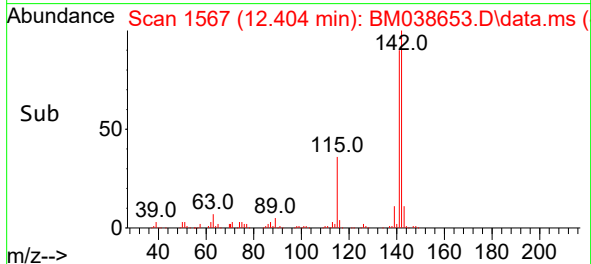
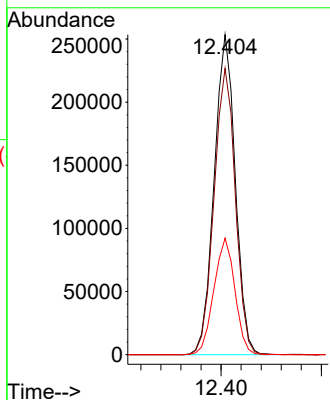
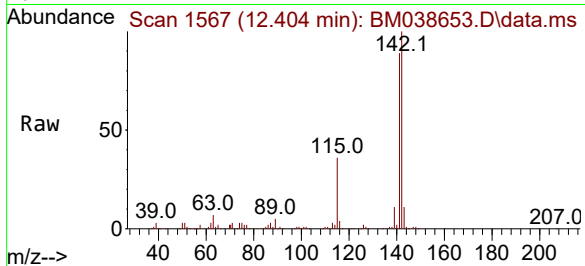




#37
2-Methylnaphthalene
Concen: 38.151 ng
RT: 12.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

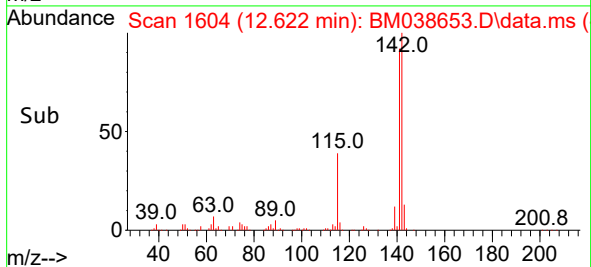
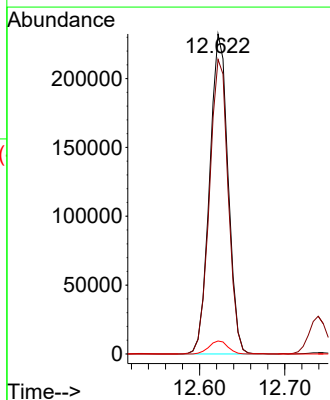
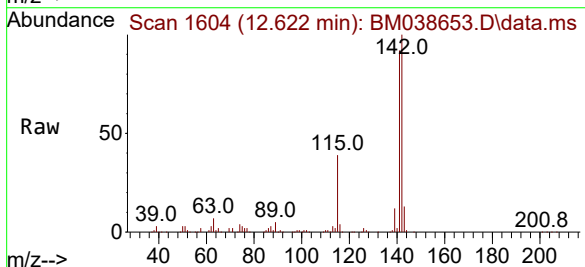
Instrument :
BNA_M
ClientSampleId :
PB150362BS

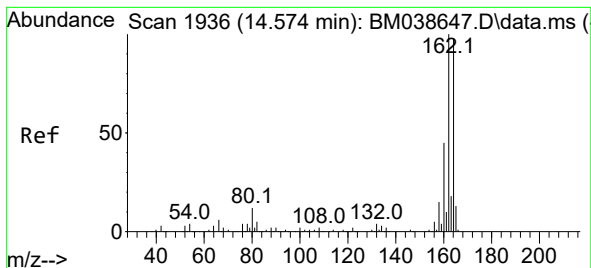
Tgt Ion:142 Resp: 370525
Ion Ratio Lower Upper
142 100
141 89.4 71.8 107.8
115 36.4 28.7 43.1



#38
1-Methylnaphthalene
Concen: 38.316 ng
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:142 Resp: 350650
Ion Ratio Lower Upper
142 100
141 92.0 75.5 113.3
116 4.1 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: BM038653.D

Acq: 01 Feb 2023 22:07

Instrument :

BNA_M

ClientSampleId :

PB150362BS

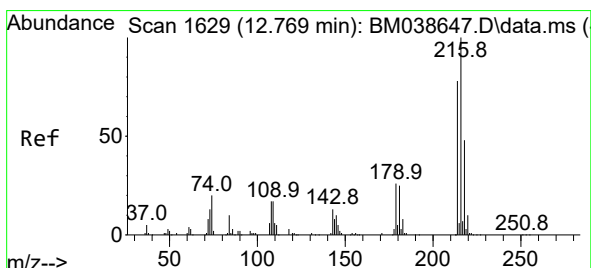
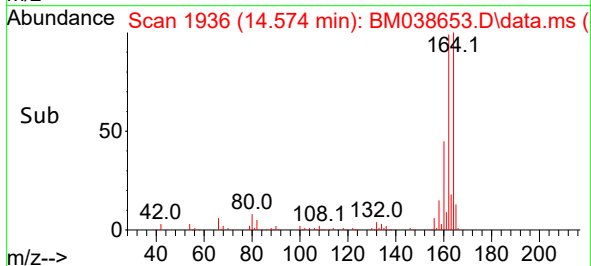
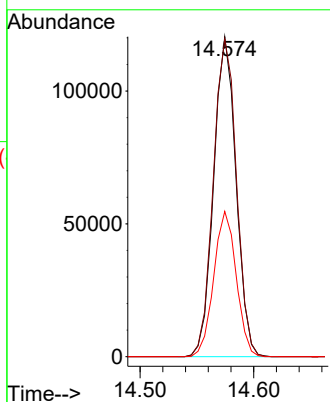
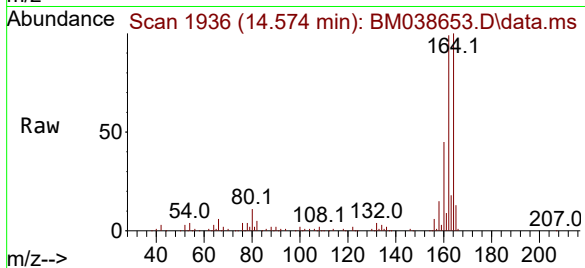
Tgt Ion:164 Resp: 164741

Ion Ratio Lower Upper

164 100

162 99.3 81.4 122.0

160 45.4 36.5 54.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.037 ng

RT: 12.769 min Scan# 1629

Delta R.T. 0.000 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

Tgt Ion:216 Resp: 180229

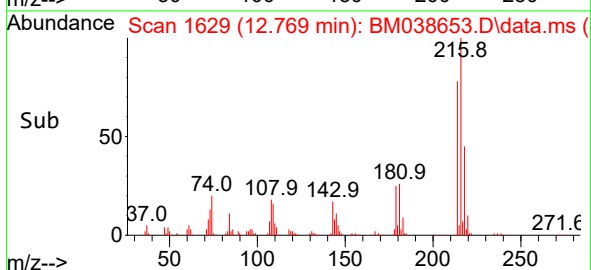
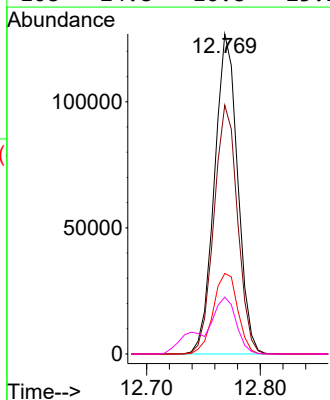
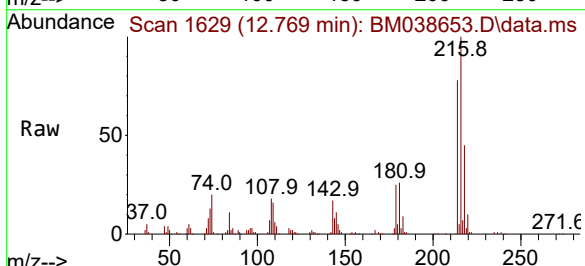
Ion Ratio Lower Upper

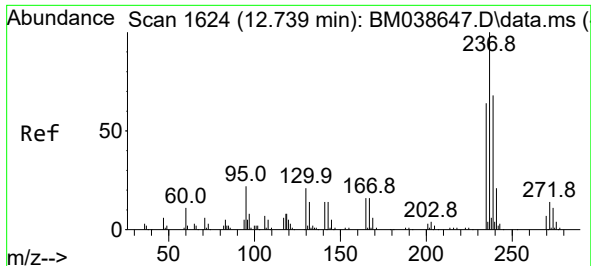
216 100

214 78.9 63.4 95.0

179 26.5 21.0 31.4

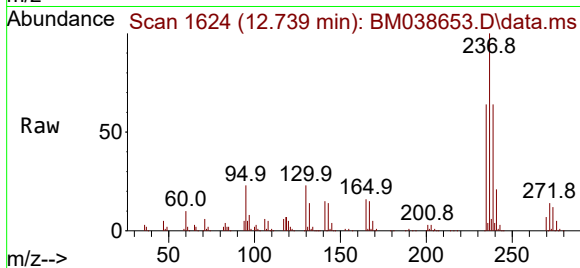
108 24.8 16.8 25.2



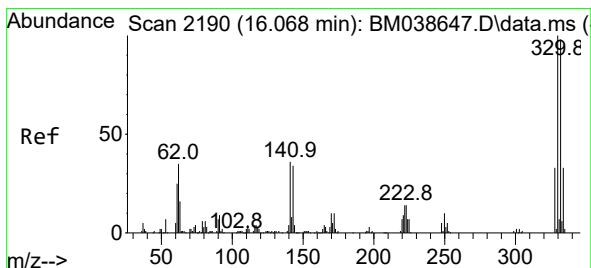
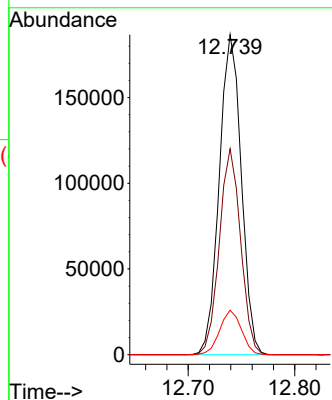
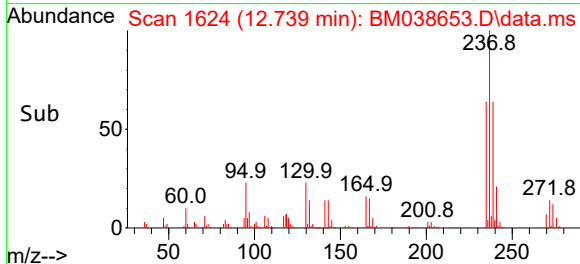


#41
Hexachlorocyclopentadiene
Concen: 100.601 ng
RT: 12.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

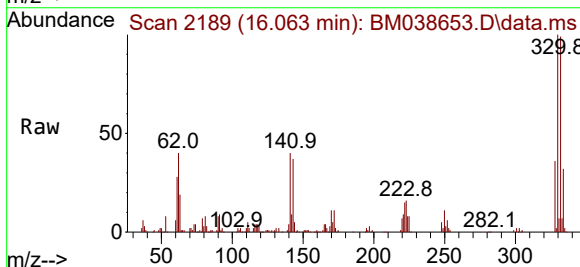
Instrument :
BNA_M
ClientSampleId :
PB150362BS



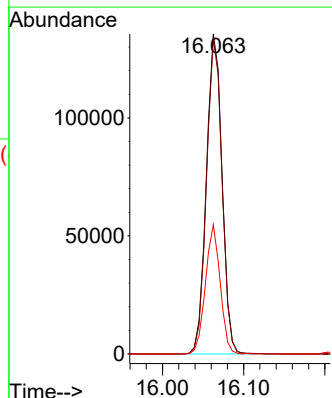
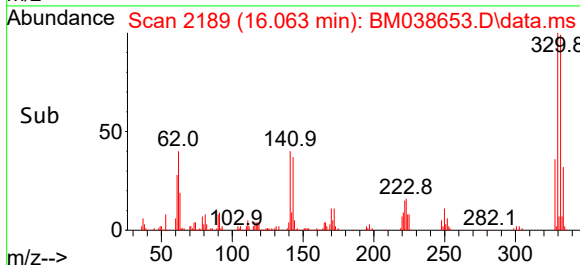
Tgt Ion:237 Resp: 267649
Ion Ratio Lower Upper
237 100
235 64.4 43.8 83.8
272 13.9 0.0 33.8

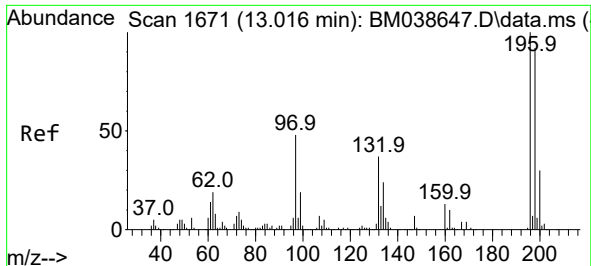


#42
2,4,6-Tribromophenol
Concen: 80.968 ng
RT: 16.063 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07



Tgt Ion:330 Resp: 181303
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 38.0 31.0 46.6

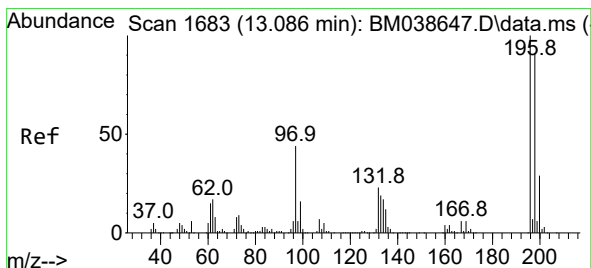
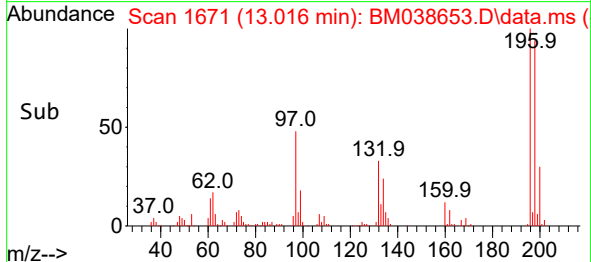
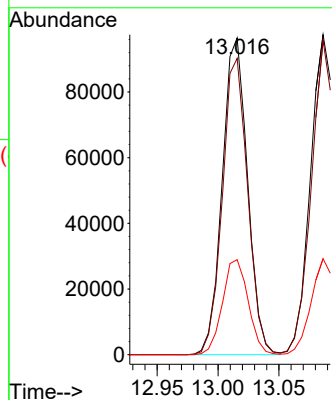
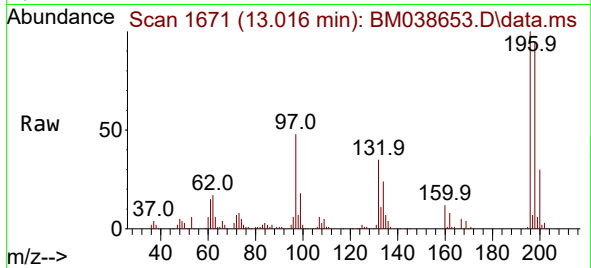




#43
2,4,6-Trichlorophenol
Concen: 41.380 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

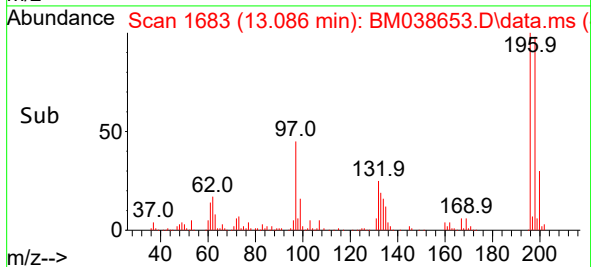
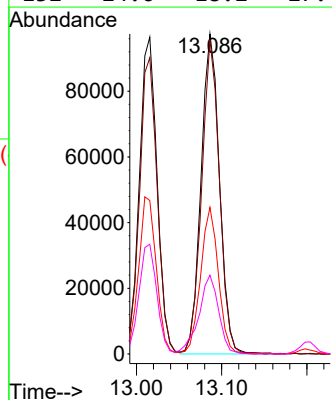
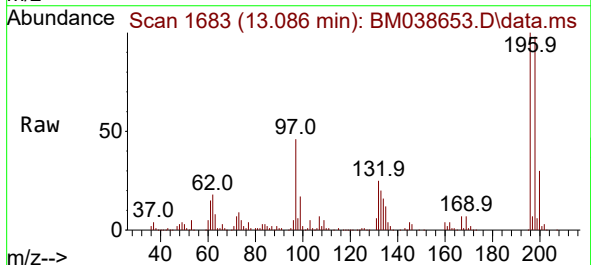
Instrument :
BNA_M
ClientSampleId :
PB150362BS

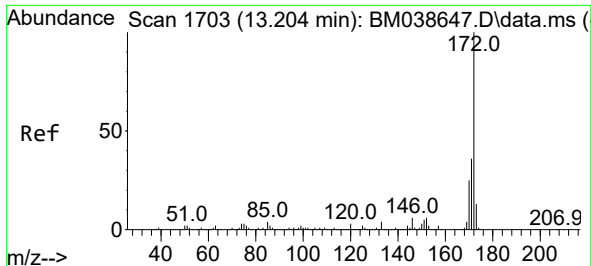
Tgt Ion:196 Resp: 139380
Ion Ratio Lower Upper
196 100
198 93.5 73.7 110.5
200 30.0 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 36.996 ng
RT: 13.086 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:196 Resp: 146642
Ion Ratio Lower Upper
196 100
198 98.2 73.1 109.7
97 45.8 35.5 53.3
132 24.6 18.2 27.4

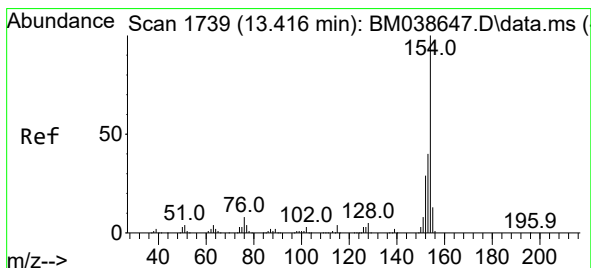
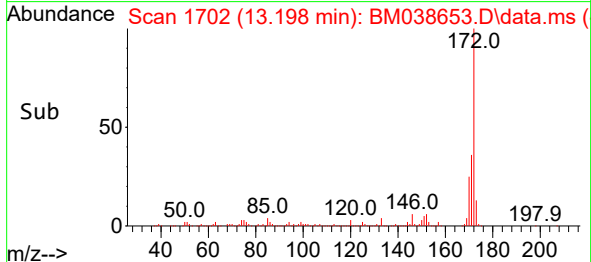
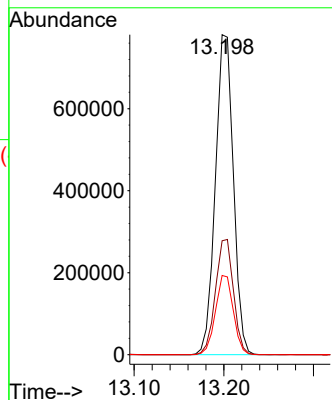
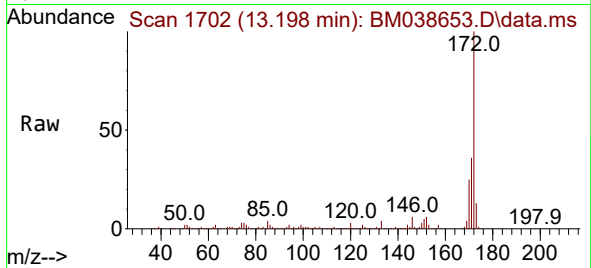




#45
2-Fluorobiphenyl
Concen: 84.087 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

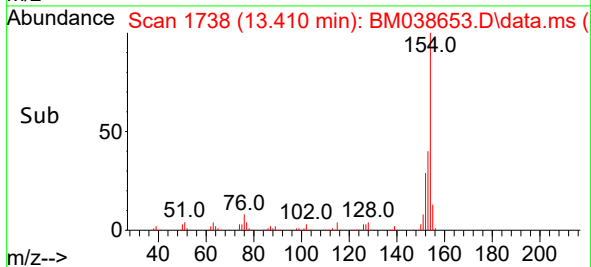
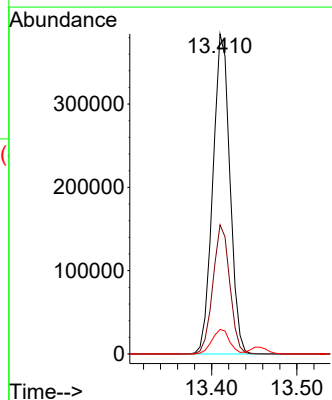
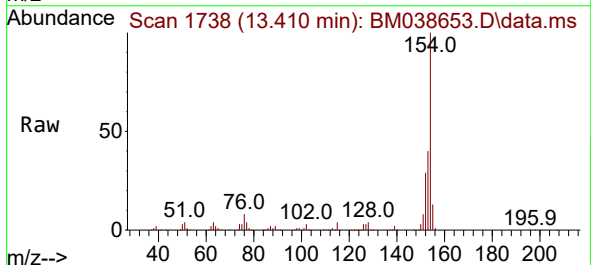
Instrument :
BNA_M
ClientSampleId :
PB150362BS

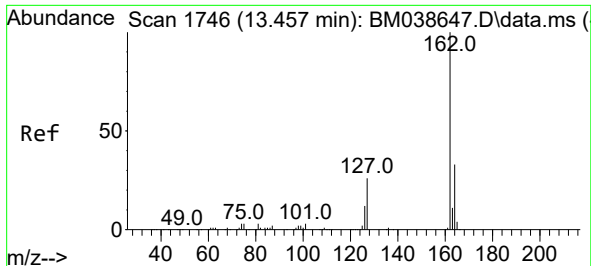
Tgt Ion:172 Resp: 1088097
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 24.8 20.0 30.0



#46
1,1'-Biphenyl
Concen: 41.099 ng
RT: 13.410 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:154 Resp: 536333
Ion Ratio Lower Upper
154 100
153 40.3 19.9 59.9
76 7.7 0.0 27.9

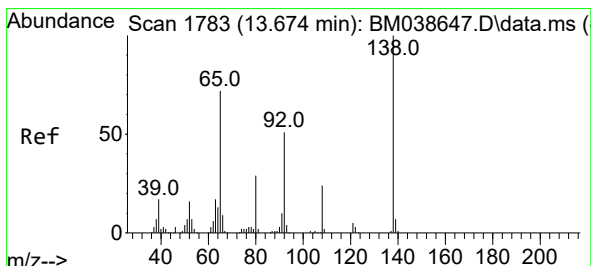
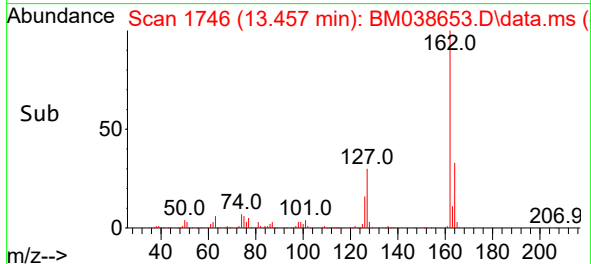
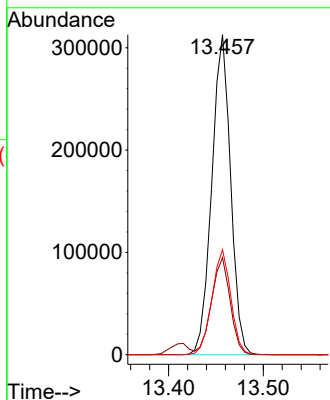
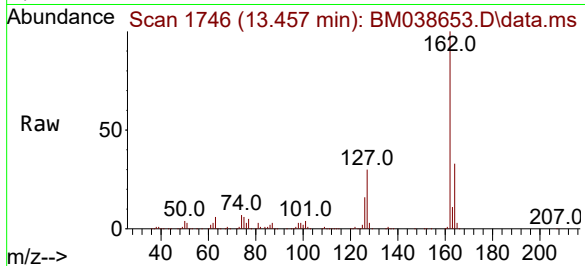




#47
2-Chloronaphthalene
Concen: 42.011 ng
RT: 13.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

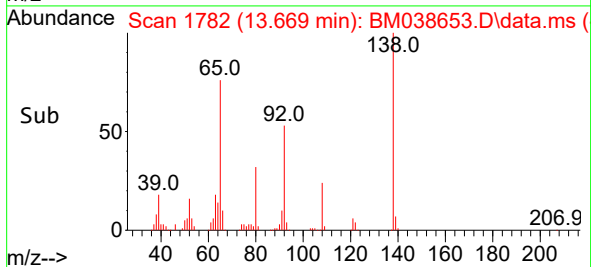
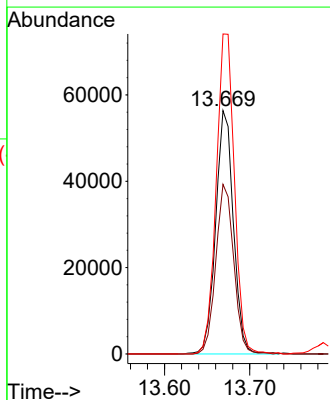
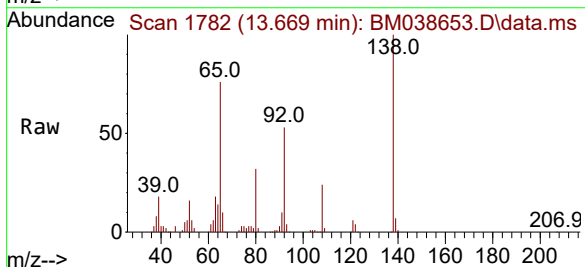
Instrument :
BNA_M
ClientSampleId :
PB150362BS

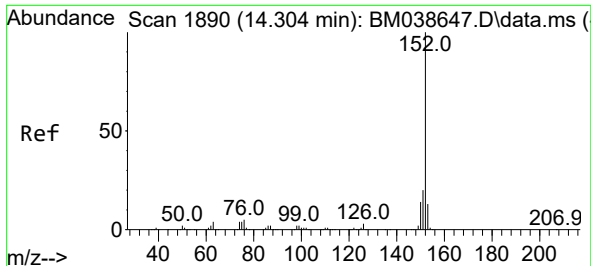
Tgt Ion:162 Resp: 431404
Ion Ratio Lower Upper
162 100
127 30.3 23.6 35.4
164 32.8 26.7 40.1



#48
2-Nitroaniline
Concen: 35.780 ng
RT: 13.669 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion: 65 Resp: 81578
Ion Ratio Lower Upper
65 100
92 69.7 55.9 83.9
138 131.5 110.6 166.0

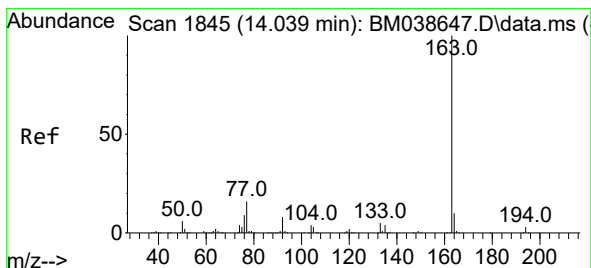
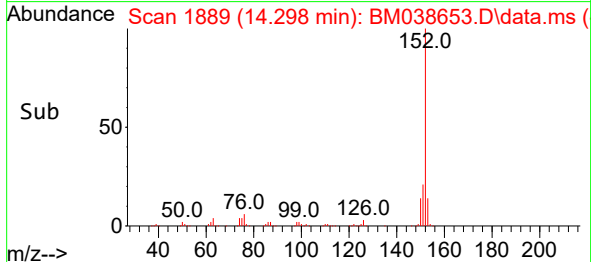
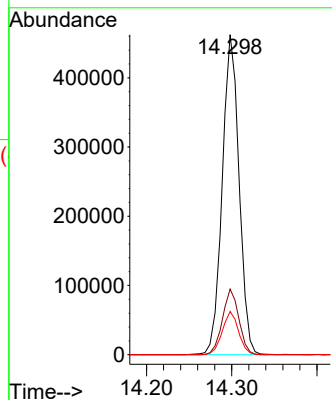
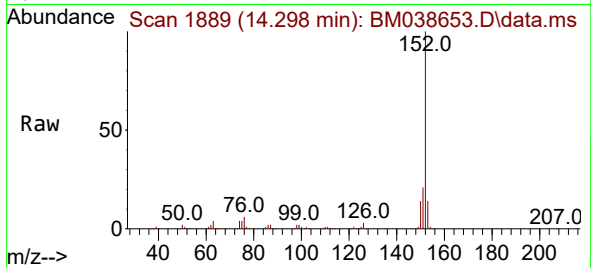




#49
Acenaphthylene
Concen: 39.107 ng
RT: 14.298 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

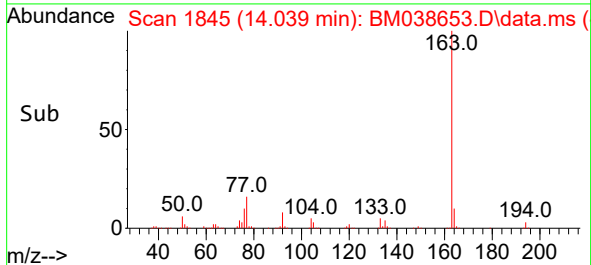
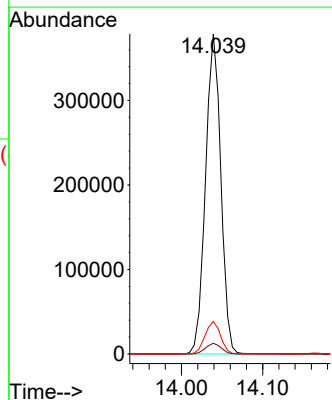
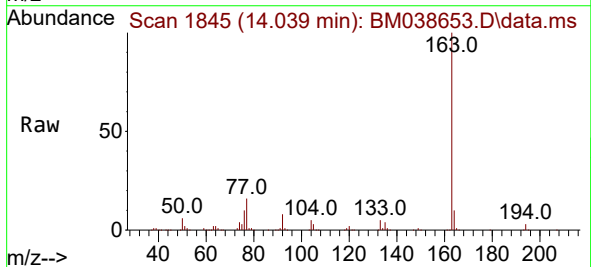
Instrument :
BNA_M
ClientSampleId :
PB150362BS

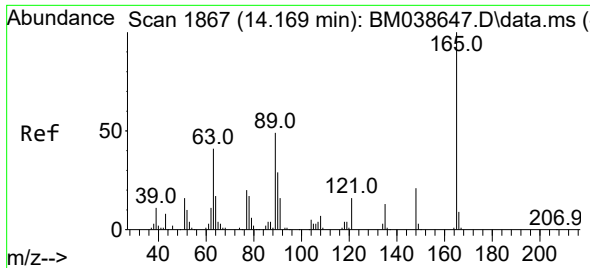
Tgt Ion:152 Resp: 632513
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.5 10.0 15.0



#50
Dimethylphthalate
Concen: 36.740 ng
RT: 14.039 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:163 Resp: 493918
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.2 12.4

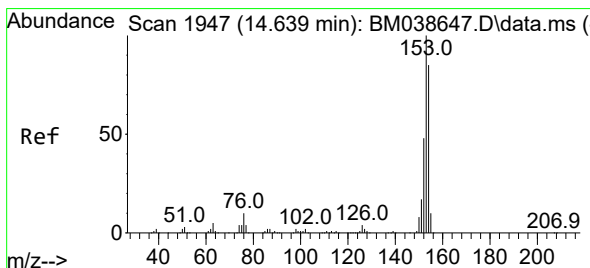
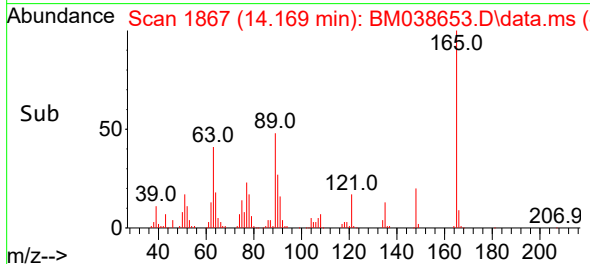
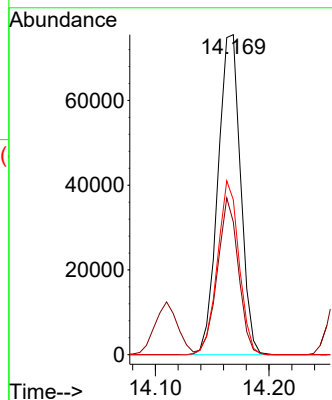
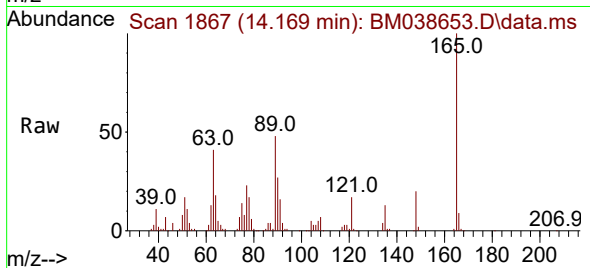




#51
2,6-Dinitrotoluene
Concen: 38.228 ng
RT: 14.169 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

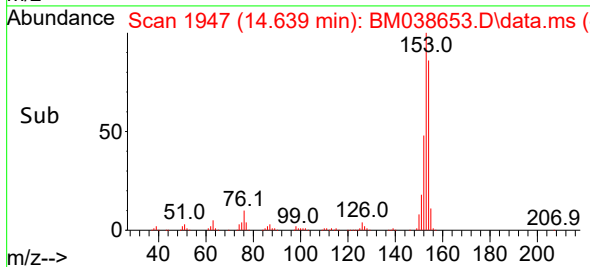
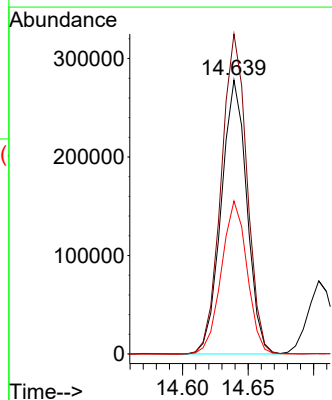
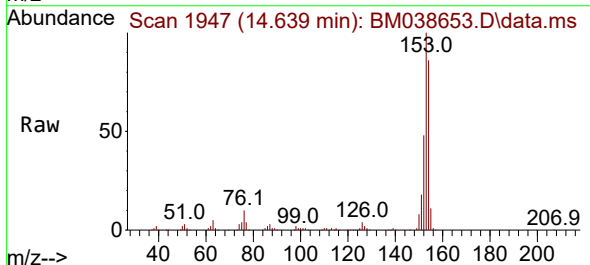
Instrument :
BNA_M
ClientSampleId :
PB150362BS

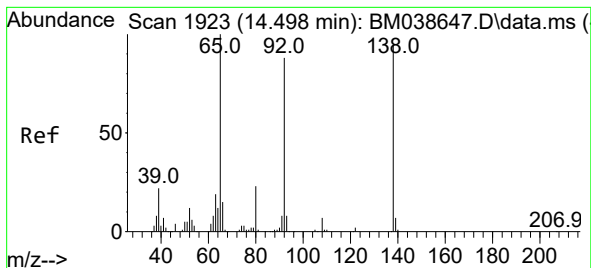
Tgt Ion:165 Resp: 104455
Ion Ratio Lower Upper
165 100
63 41.5 35.8 53.8
89 48.4 39.3 58.9



#52
Acenaphthene
Concen: 39.017 ng
RT: 14.639 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:154 Resp: 376807
Ion Ratio Lower Upper
154 100
153 116.8 93.7 140.5
152 55.8 44.6 67.0





#53

3-Nitroaniline

Concen: 26.015 ng

RT: 14.498 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

Instrument :

BNA_M

ClientSampleId :

PB150362BS

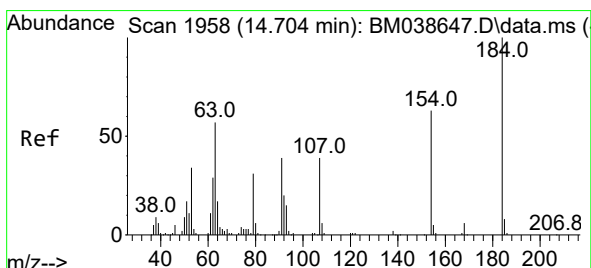
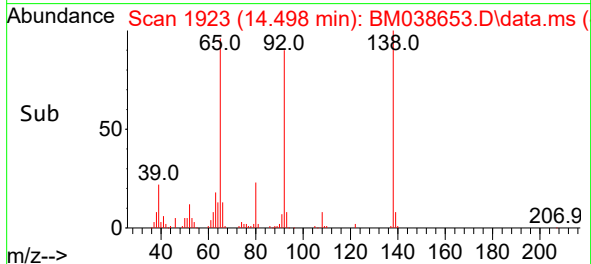
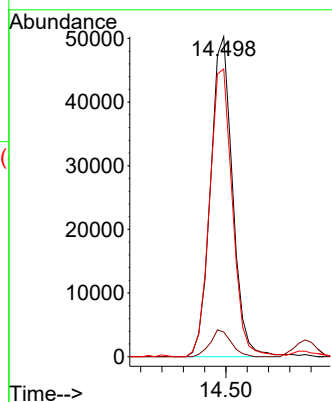
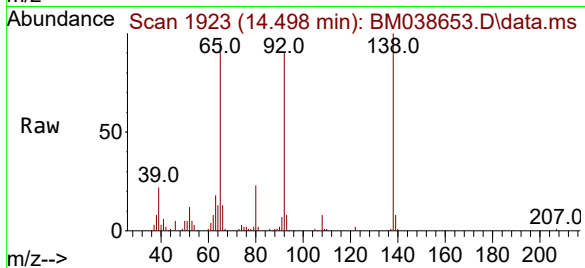
Tgt Ion:138 Resp: 72187

Ion Ratio Lower Upper

138 100

108 7.7 5.8 8.8

92 89.9 73.9 110.9



#54

2,4-Dinitrophenol

Concen: 78.703 ng

RT: 14.704 min Scan# 1958

Delta R.T. -0.000 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

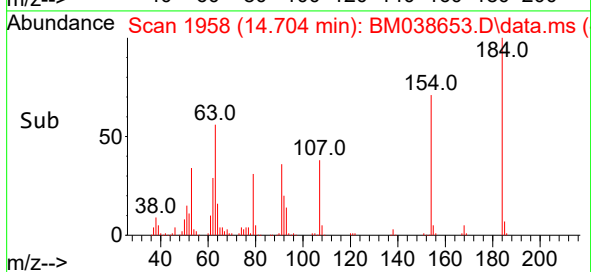
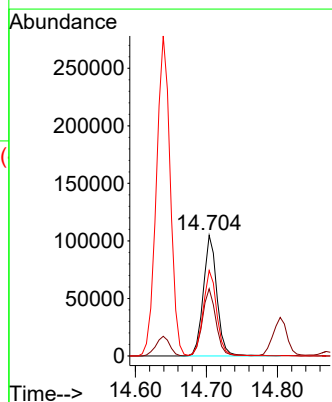
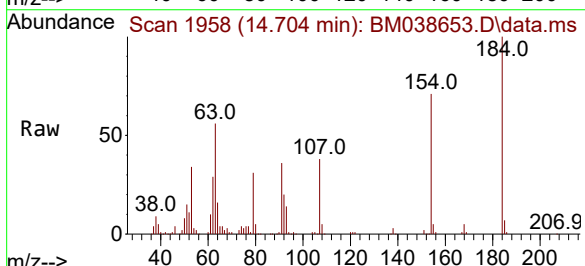
Tgt Ion:184 Resp: 139975

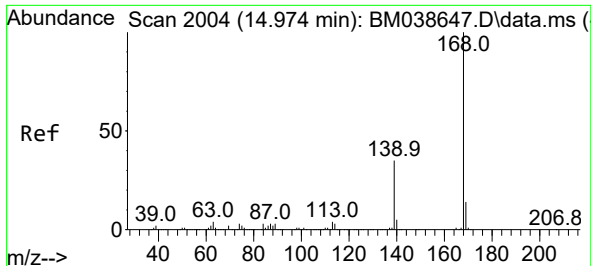
Ion Ratio Lower Upper

184 100

63 55.7 45.9 68.9

154 70.8 54.9 82.3

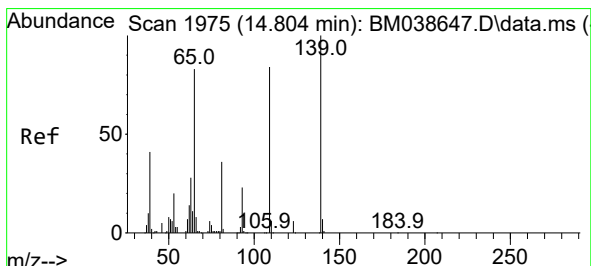
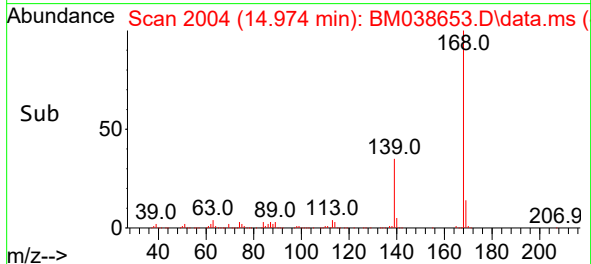
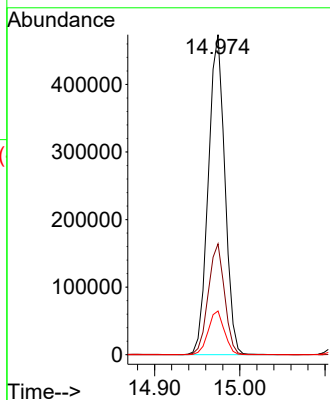
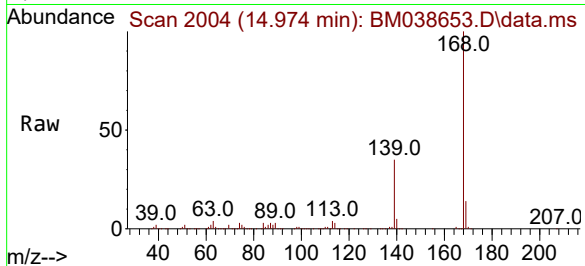




#55
Dibenzofuran
Concen: 38.405 ng
RT: 14.974 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

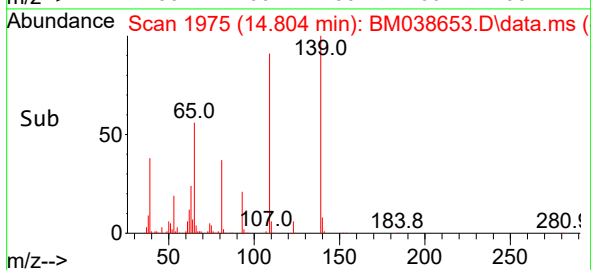
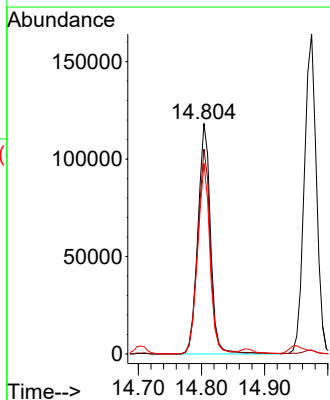
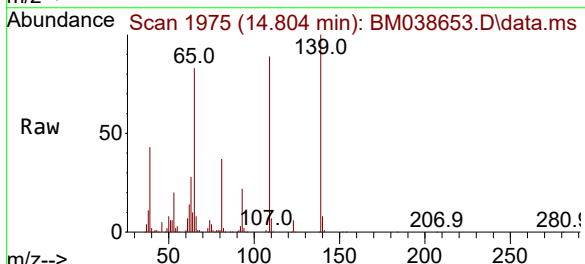
Instrument :
BNA_M
ClientSampleId :
PB150362BS

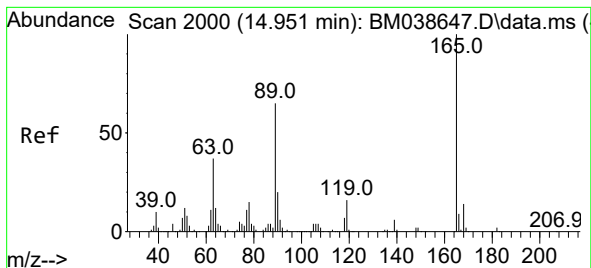
Tgt Ion:168 Resp: 638685
Ion Ratio Lower Upper
168 100
139 34.7 27.8 41.6
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 75.060 ng
RT: 14.804 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:139 Resp: 164490
Ion Ratio Lower Upper
139 100
109 88.9 63.8 103.8
65 82.7 62.5 102.5

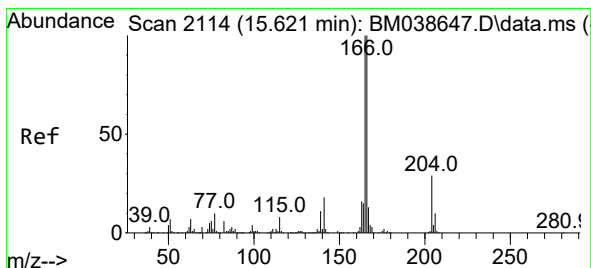
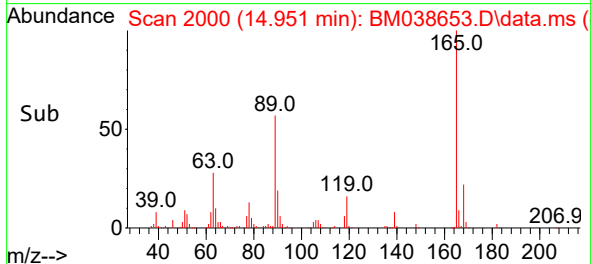
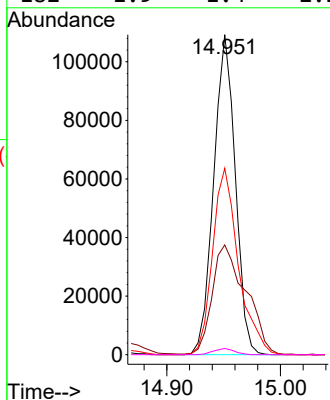
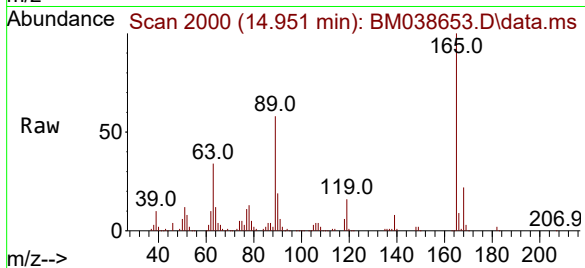




#57
2,4-Dinitrotoluene
Concen: 36.232 ng
RT: 14.951 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

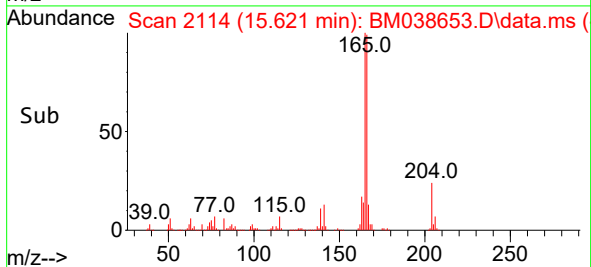
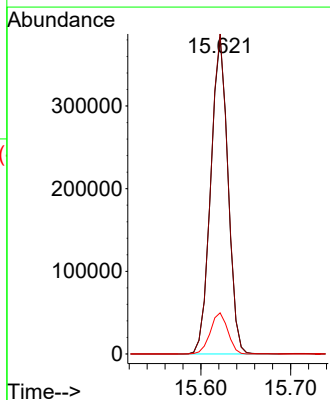
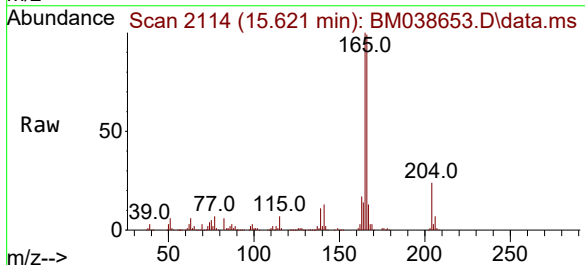
Instrument :
BNA_M
ClientSampleId :
PB150362BS

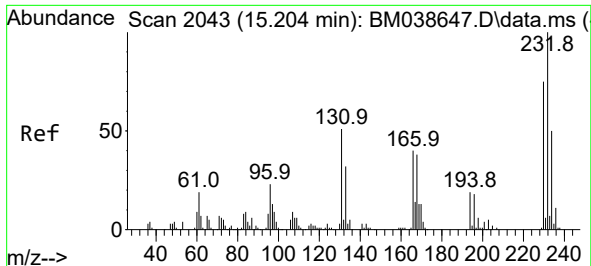
Tgt Ion:165 Resp: 144412
Ion Ratio Lower Upper
165 100
63 34.3 29.4 44.0
89 58.3 51.8 77.6
182 1.9 1.4 2.2



#58
Fluorene
Concen: 38.747 ng
RT: 15.621 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:166 Resp: 509861
Ion Ratio Lower Upper
166 100
165 101.1 80.2 120.4
167 13.0 10.7 16.1

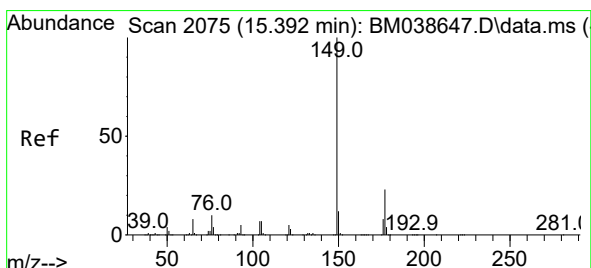
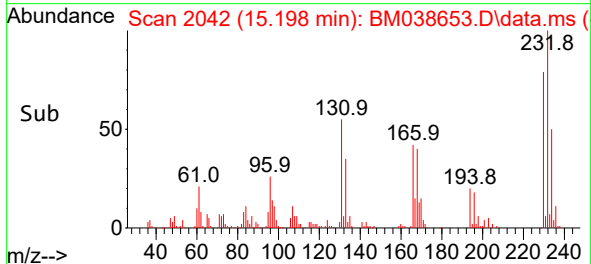
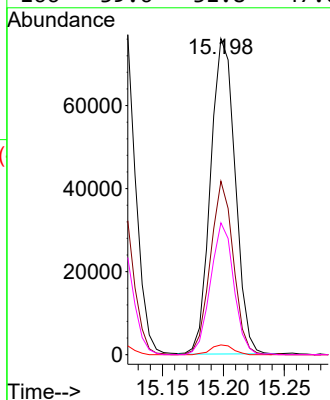
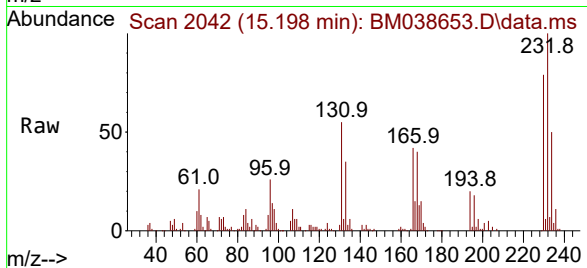




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.664 ng
RT: 15.198 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

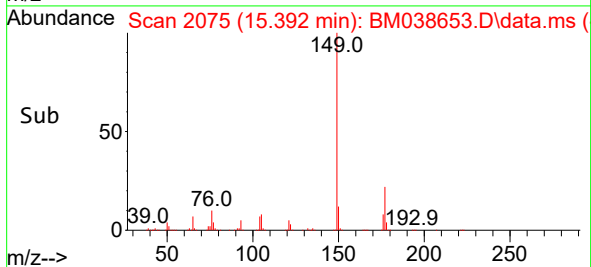
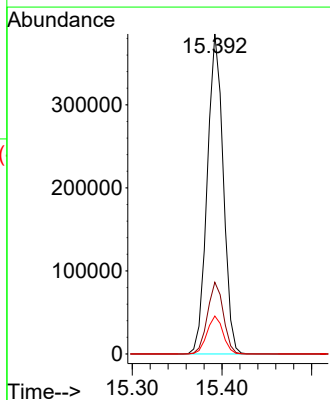
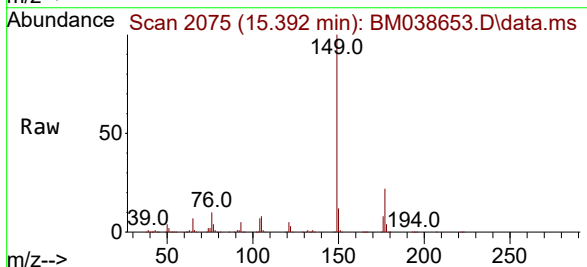
Instrument :
BNA_M
ClientSampleId :
PB150362BS

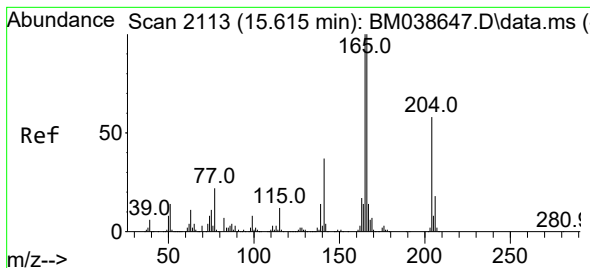
Tgt Ion:232 Resp: 106662
Ion Ratio Lower Upper
232 100
131 51.6 41.2 61.8
130 2.8 2.4 3.6
166 39.6 31.8 47.6



#60
Diethylphthalate
Concen: 37.374 ng
RT: 15.392 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:149 Resp: 475991
Ion Ratio Lower Upper
149 100
177 22.4 18.1 27.1
150 11.9 10.0 15.0

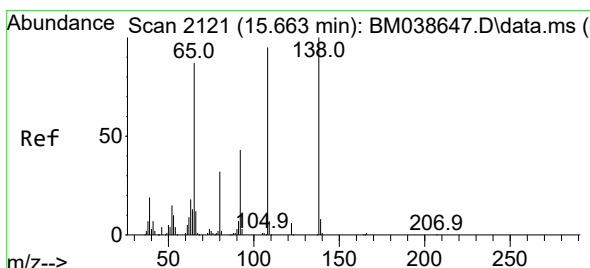
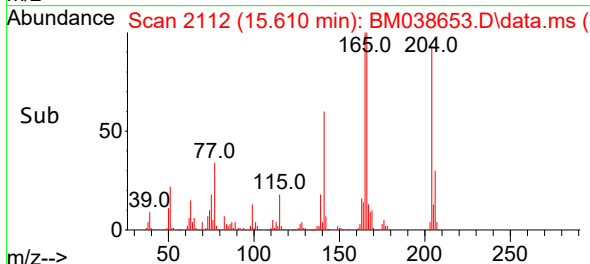
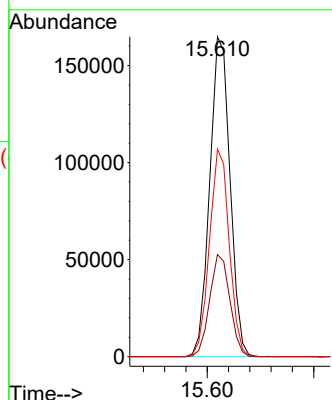
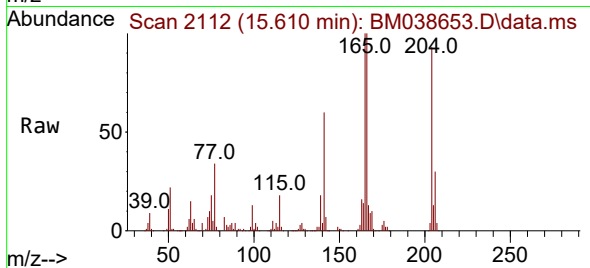




#61
4-Chlorophenyl-phenylether
Concen: 38.957 ng
RT: 15.610 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

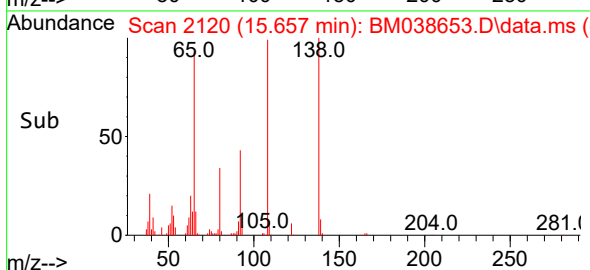
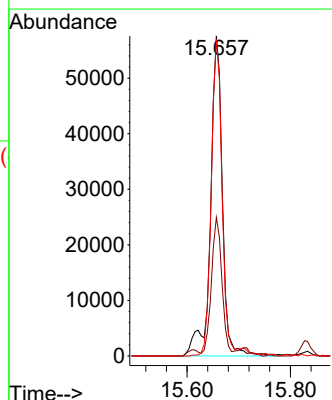
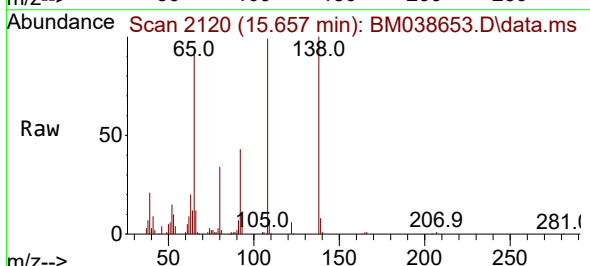
Instrument :
BNA_M
ClientSampleId :
PB150362BS

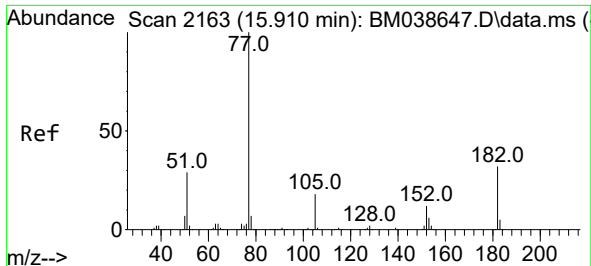
Tgt Ion:204 Resp: 217475
Ion Ratio Lower Upper
204 100
206 31.9 25.3 37.9
141 64.9 51.3 76.9



#62
4-Nitroaniline
Concen: 32.140 ng
RT: 15.657 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:138 Resp: 92482
Ion Ratio Lower Upper
138 100
92 43.3 23.4 63.4
108 98.9 75.1 115.1

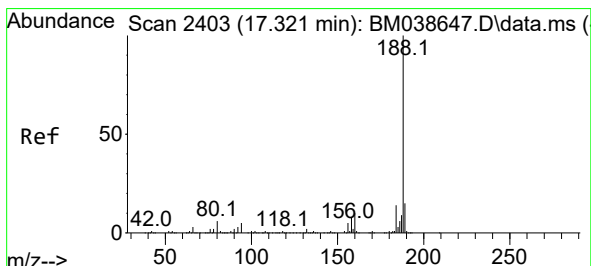
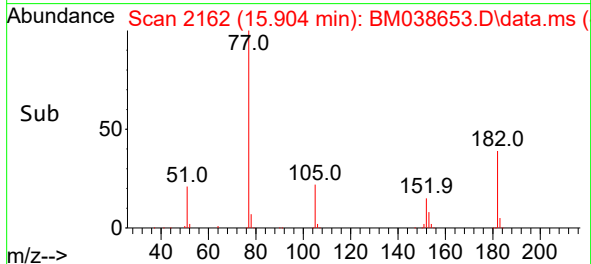
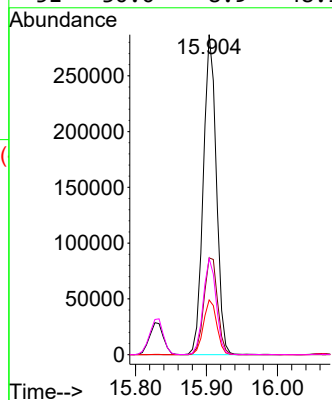
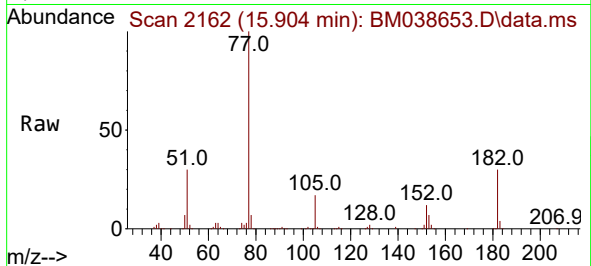




#63
Azobenzene
Concen: 37.509 ng
RT: 15.904 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

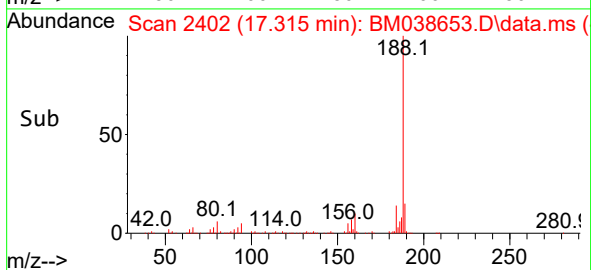
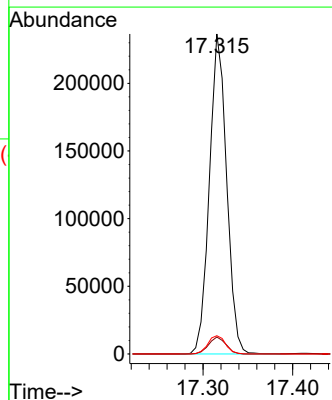
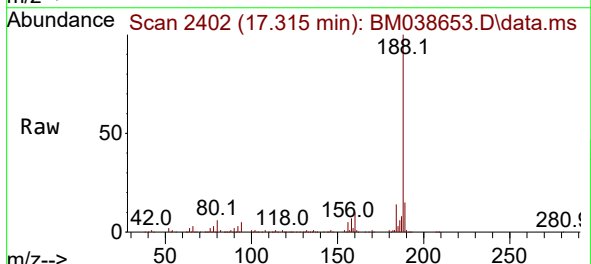
Instrument :
BNA_M
ClientSampleId :
PB150362BS

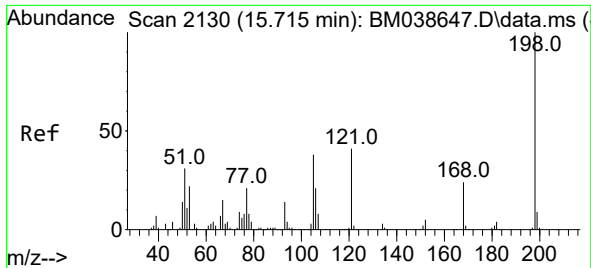
Tgt Ion:	77	Resp:	367537
Ion	Ratio	Lower	Upper
77	100		
182	30.3	12.0	52.0
105	17.1	0.0	37.5
51	30.0	8.9	48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:	188	Resp:	315574
Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.2	6.4
80	5.7	4.6	7.0

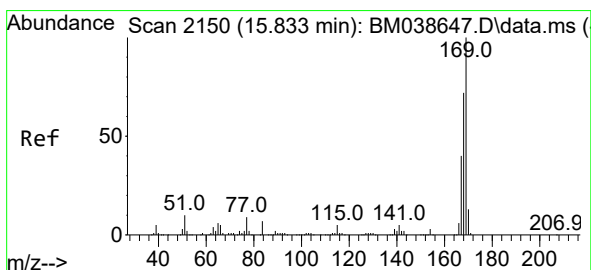
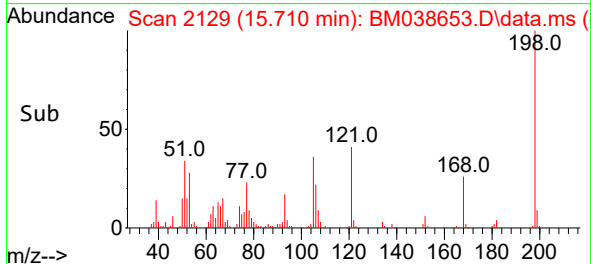
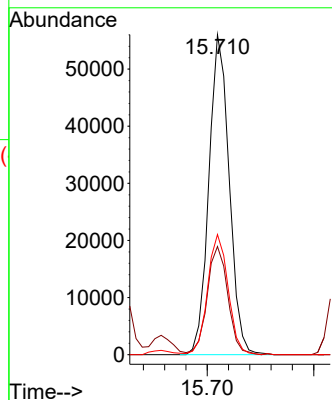
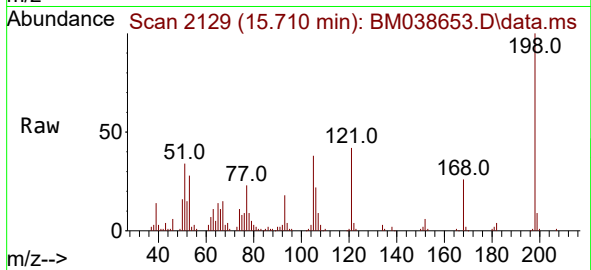




#65
4,6-Dinitro-2-methylphenol
Concen: 37.482 ng
RT: 15.710 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

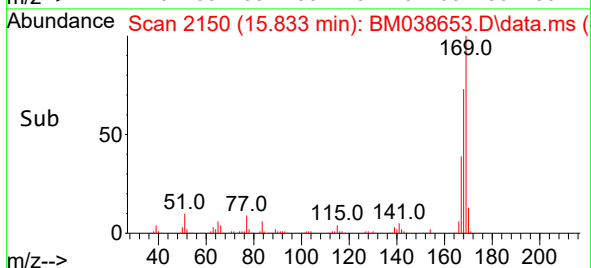
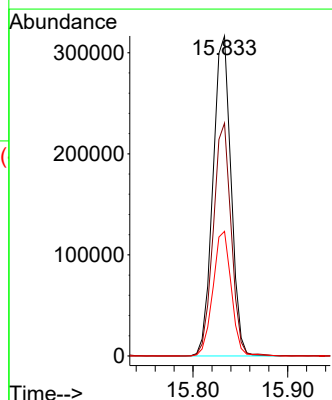
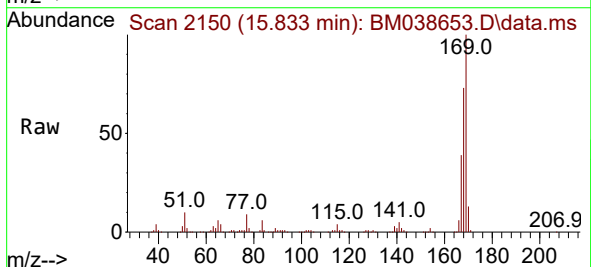
Instrument :
BNA_M
ClientSampleId :
PB150362BS

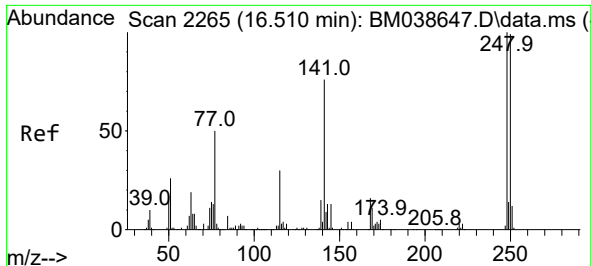
Tgt Ion:198 Resp: 74462
Ion Ratio Lower Upper
198 100
51 33.8 13.0 53.0
105 37.6 17.9 57.9



#66
n-Nitrosodiphenylamine
Concen: 40.593 ng
RT: 15.833 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:169 Resp: 418274
Ion Ratio Lower Upper
169 100
168 72.8 57.6 86.4
167 39.0 32.3 48.5

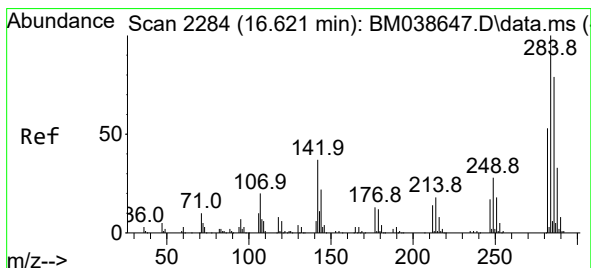
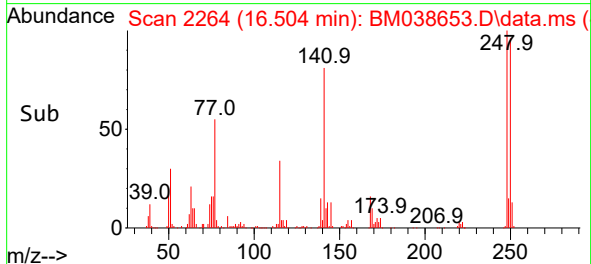
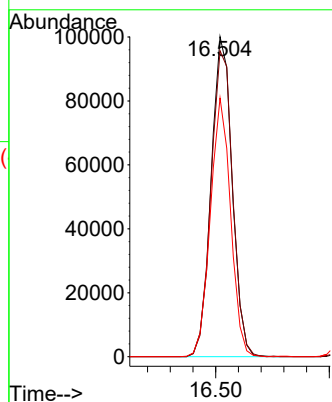
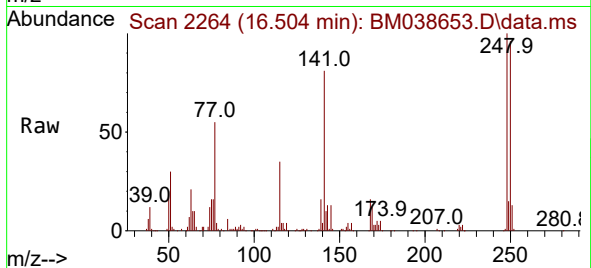




#67
4-Bromophenyl-phenylether
Concen: 42.147 ng
RT: 16.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

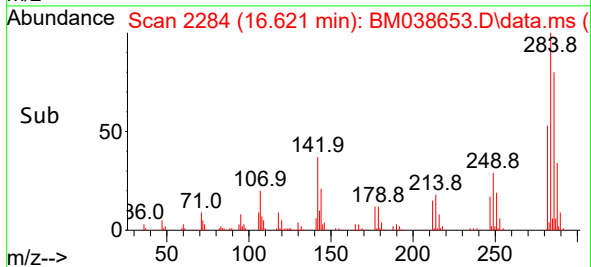
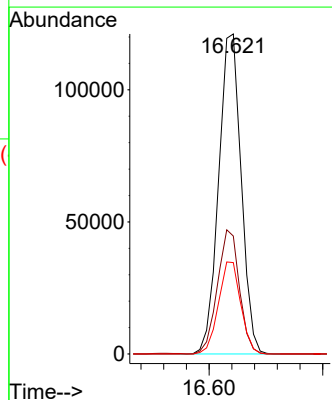
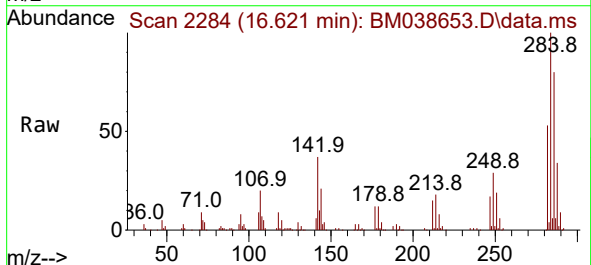
Instrument :
BNA_M
ClientSampleId :
PB150362BS

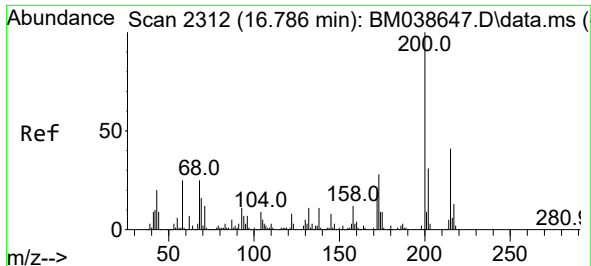
Tgt Ion:248 Resp: 128425
Ion Ratio Lower Upper
248 100
250 95.6 79.4 119.2
141 80.8 61.0 91.6



#68
Hexachlorobenzene
Concen: 44.809 ng
RT: 16.621 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BM038653.D
Acq: 01 Feb 2023 22:07

Tgt Ion:284 Resp: 166867
Ion Ratio Lower Upper
284 100
142 36.9 29.8 44.6
249 28.6 22.2 33.4

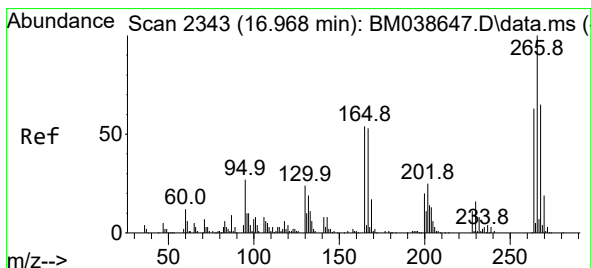
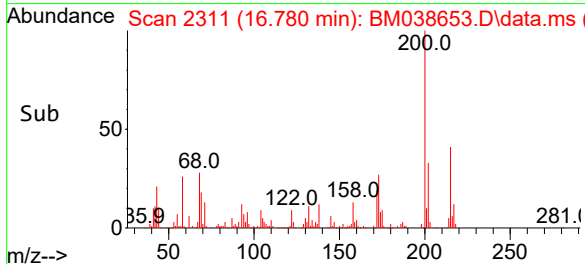
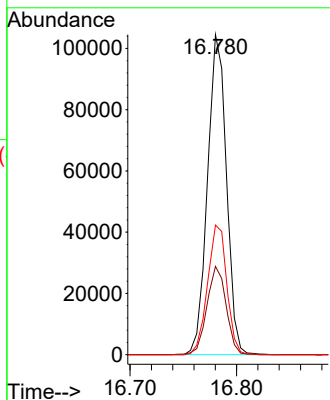
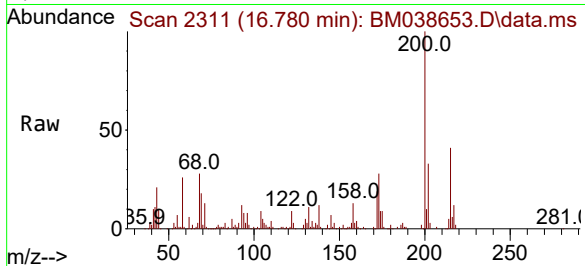




#69
 Atrazine
 Concen: 43.187 ng
 RT: 16.780 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038653.D
 Acq: 01 Feb 2023 22:07

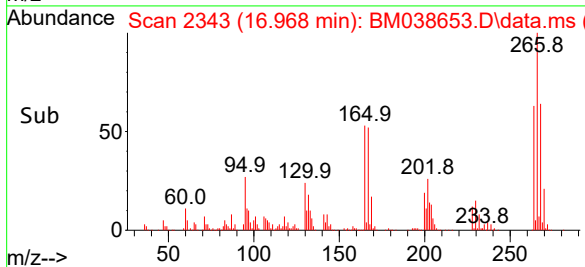
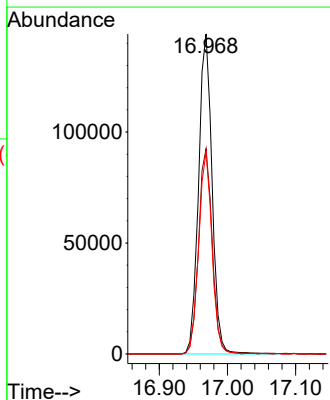
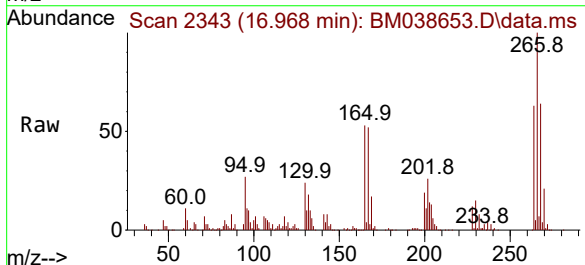
Instrument :
 BNA_M
 ClientSampleId :
 PB150362BS

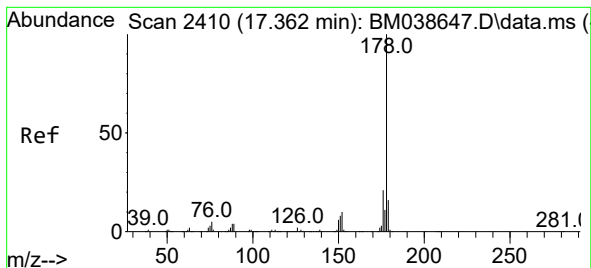
Tgt Ion:200 Resp: 128978
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.9 47.9
 215 40.5 20.8 60.8



#70
 Pentachlorophenol
 Concen: 73.040 ng
 RT: 16.968 min Scan# 2343
 Delta R.T. 0.000 min
 Lab File: BM038653.D
 Acq: 01 Feb 2023 22:07

Tgt Ion:266 Resp: 198278
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.8 77.6
 264 63.1 50.6 76.0





#71

Phenanthrene

Concen: 40.604 ng

RT: 17.363 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

Instrument :

BNA_M

ClientSampleId :

PB150362BS

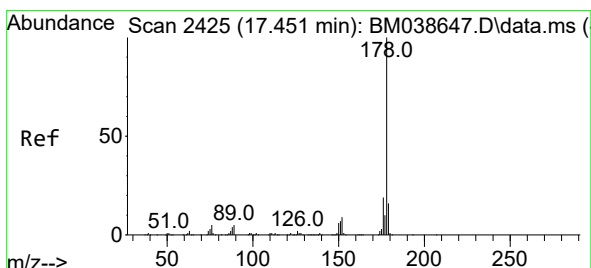
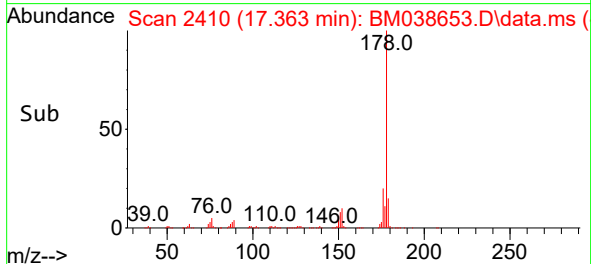
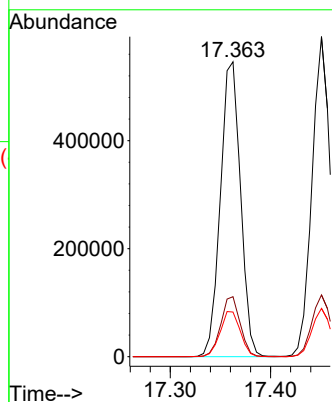
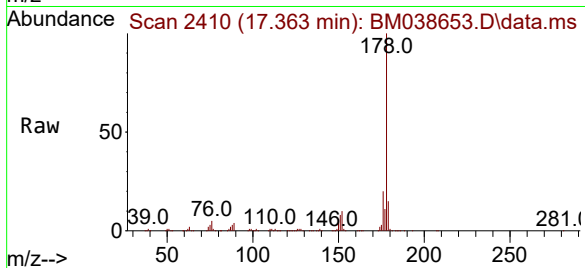
Tgt Ion:178 Resp: 760825

Ion Ratio Lower Upper

178 100

176 20.3 16.7 25.1

179 15.2 12.5 18.7



#72

Anthracene

Concen: 40.019 ng

RT: 17.451 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

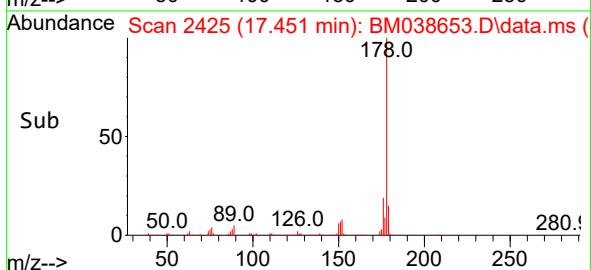
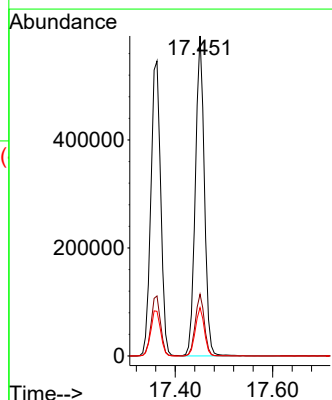
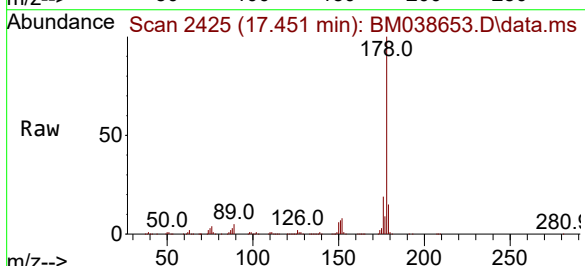
Tgt Ion:178 Resp: 767135

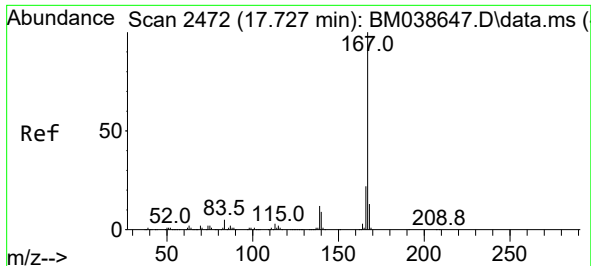
Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.1 12.4 18.6

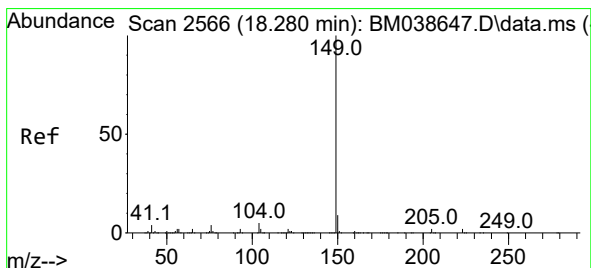
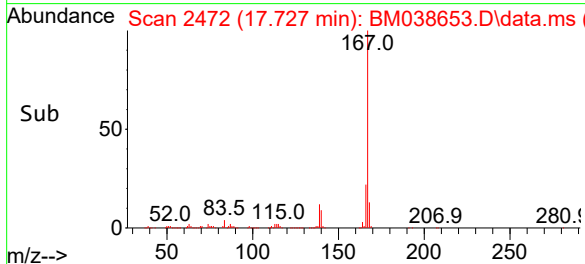
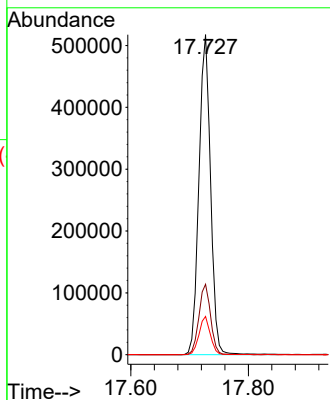
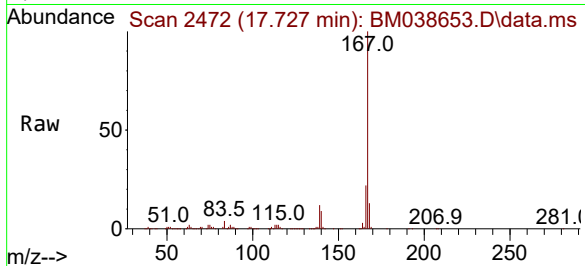




#73
 Carbazole
 Concen: 39.722 ng
 RT: 17.727 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BM038653.D
 Acq: 01 Feb 2023 22:07

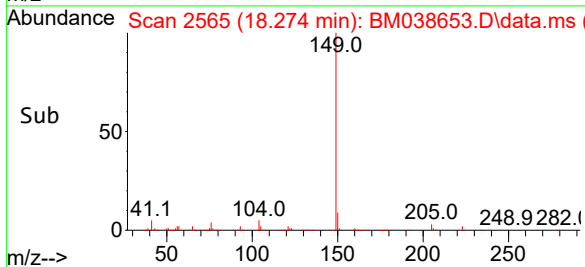
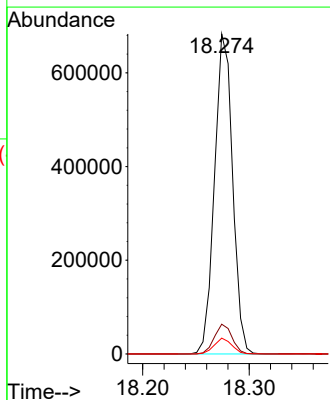
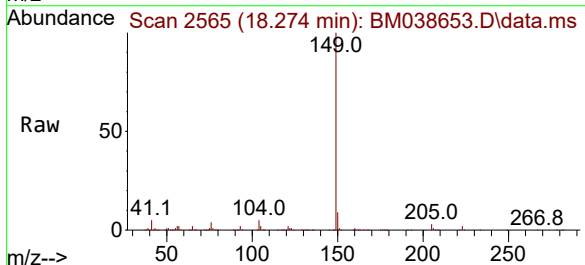
Instrument :
 BNA_M
 ClientSampleId :
 PB150362BS

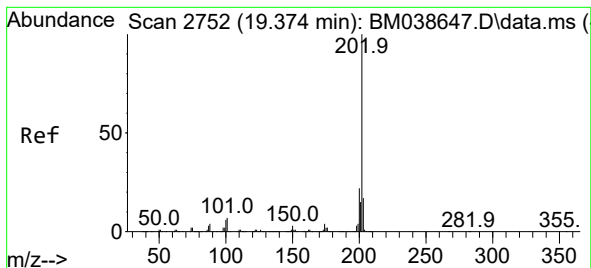
Tgt Ion:167 Resp: 710146
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 11.9 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 39.764 ng
 RT: 18.274 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BM038653.D
 Acq: 01 Feb 2023 22:07

Tgt Ion:149 Resp: 803156
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 38.253 ng

RT: 19.368 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

Instrument :

BNA_M

ClientSampleId :

PB150362BS

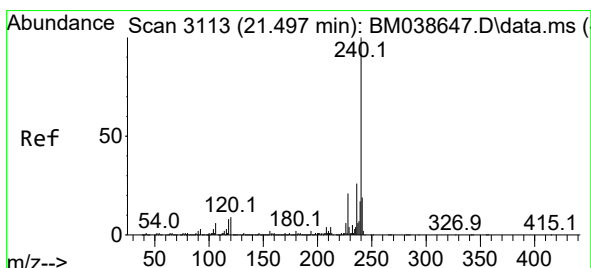
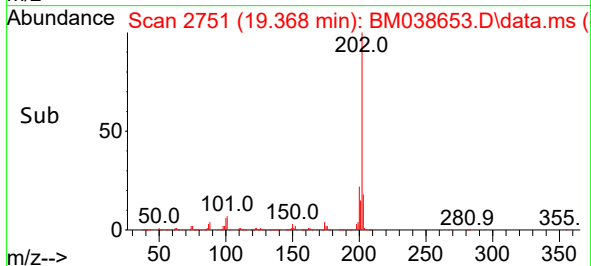
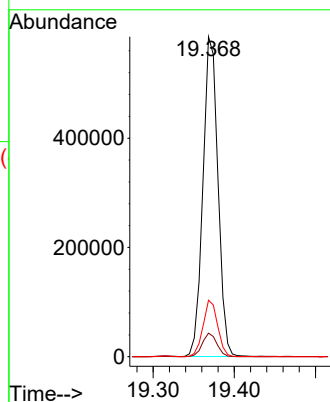
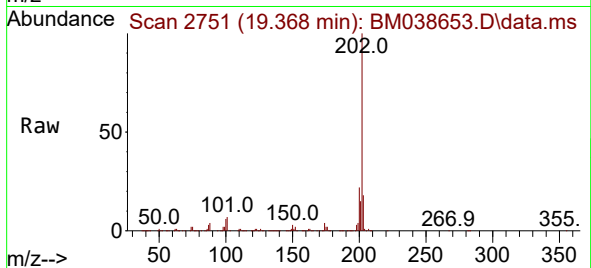
Tgt Ion:202 Resp: 752582

Ion Ratio Lower Upper

202 100

101 7.4 0.0 27.4

203 17.7 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: BM038653.D

Acq: 01 Feb 2023 22:07

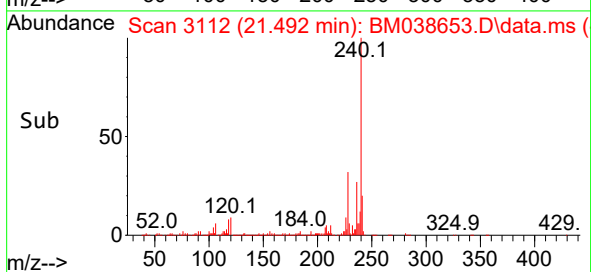
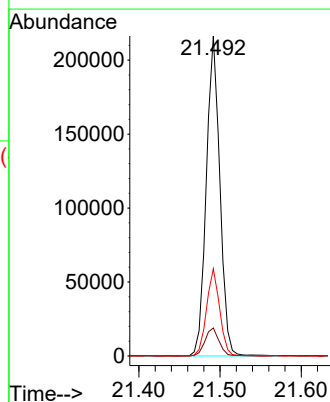
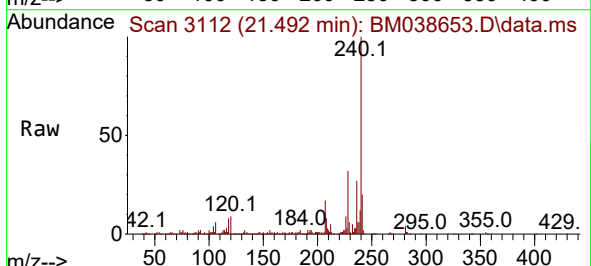
Tgt Ion:240 Resp: 250299

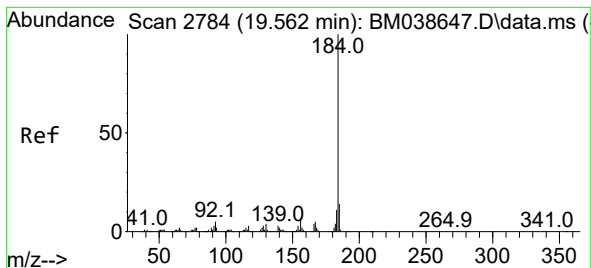
Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.4

236 27.3 20.9 31.3





#77

Benzidine

Concen: 38.304 ng

RT: 19.562 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

Instrument :

BNA_M

ClientSampleId :

PB150362BS

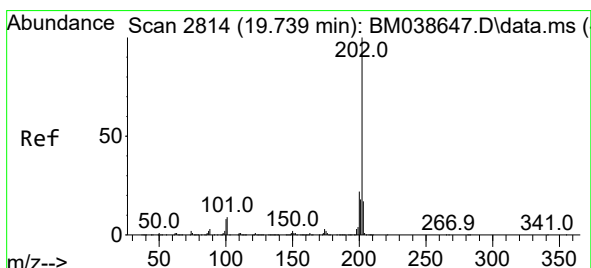
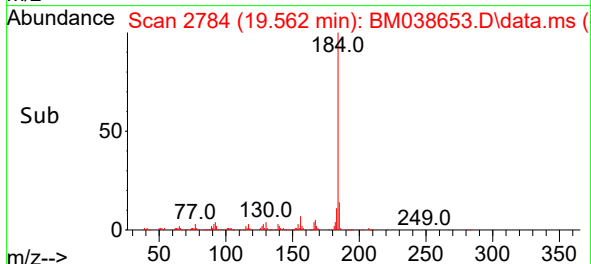
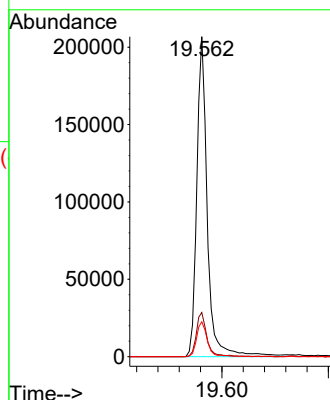
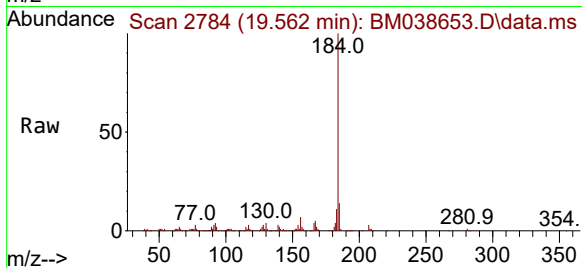
Tgt Ion:184 Resp: 282985

Ion Ratio Lower Upper

184 100

185 13.8 10.8 16.2

183 10.9 8.8 13.2



#78

Pyrene

Concen: 41.093 ng

RT: 19.733 min Scan# 2813

Delta R.T. -0.006 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

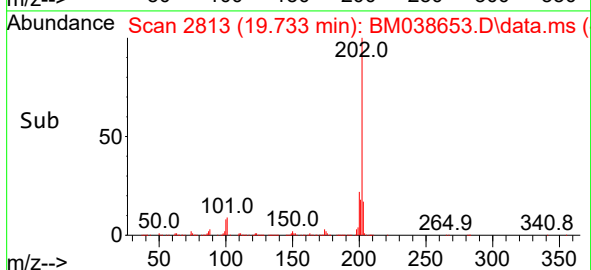
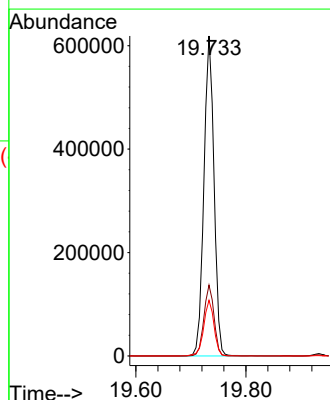
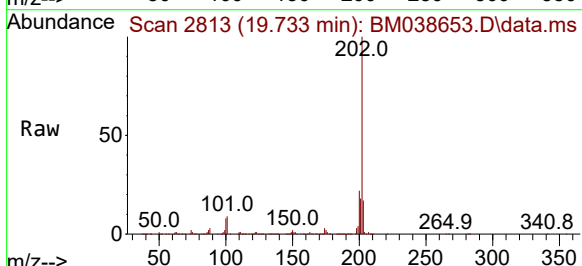
Tgt Ion:202 Resp: 791889

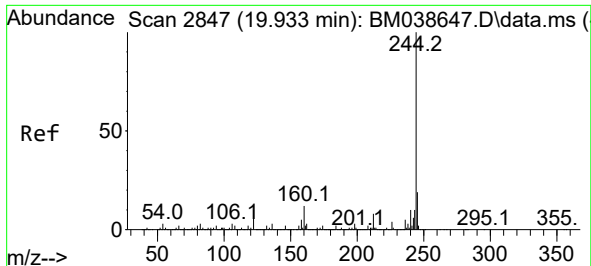
Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.6

203 17.4 13.5 20.3

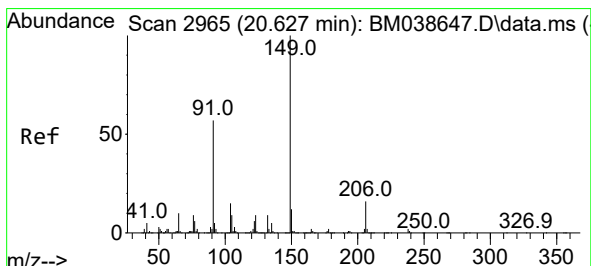
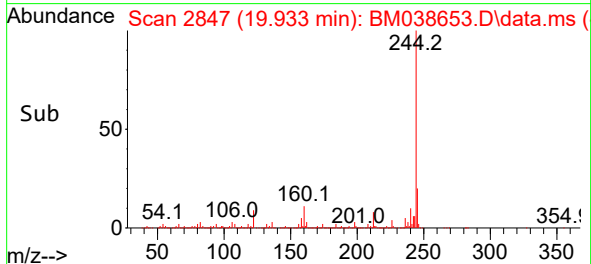
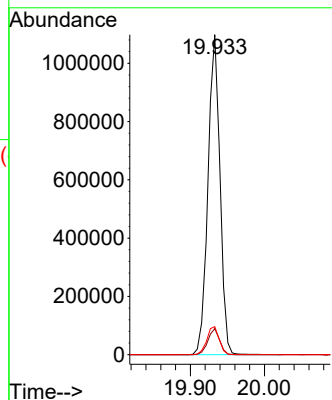
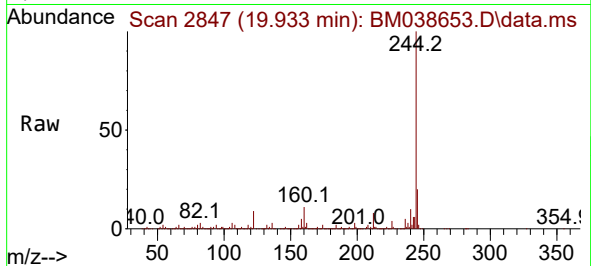




#79
 Terphenyl-d14
 Concen: 87.175 ng
 RT: 19.933 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: BM038653.D
 Acq: 01 Feb 2023 22:07

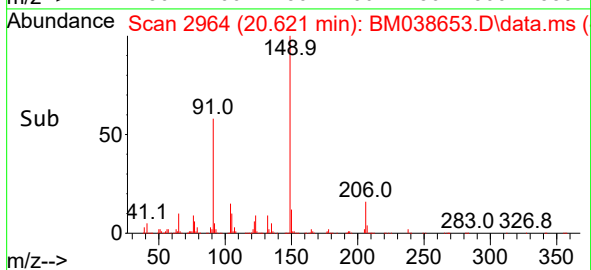
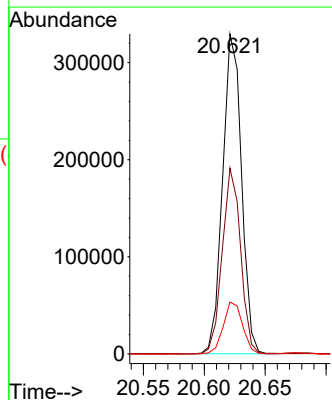
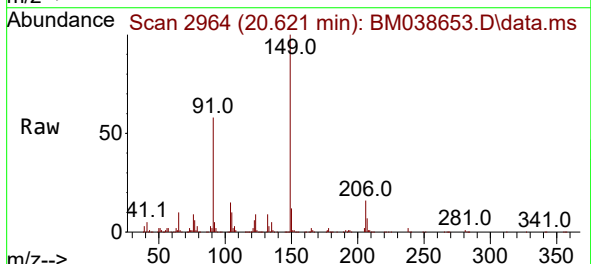
Instrument :
 BNA_M
 ClientSampleId :
 PB150362BS

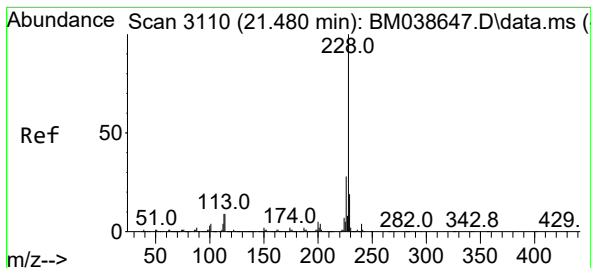
Tgt Ion:244 Resp: 1236487
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 8.7 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 37.475 ng
 RT: 20.621 min Scan# 2964
 Delta R.T. -0.006 min
 Lab File: BM038653.D
 Acq: 01 Feb 2023 22:07

Tgt Ion:149 Resp: 355252
 Ion Ratio Lower Upper
 149 100
 91 58.1 45.6 68.4
 206 16.3 12.5 18.7





#81

Benzo(a)anthracene

Concen: 38.985 ng

RT: 21.474 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

Instrument :

BNA_M

ClientSampleId :

PB150362BS

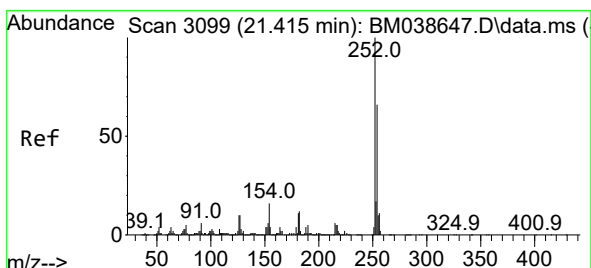
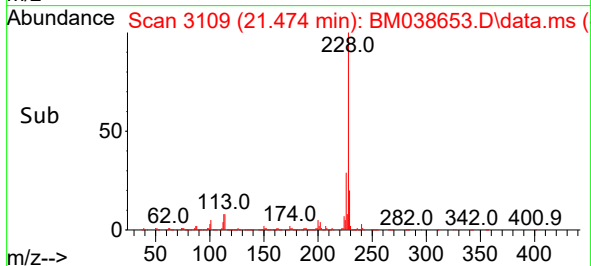
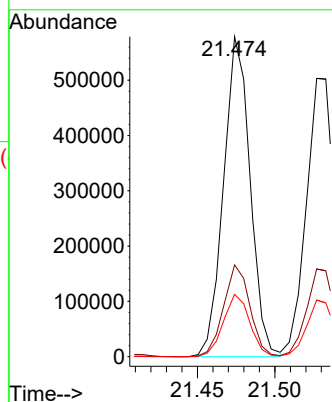
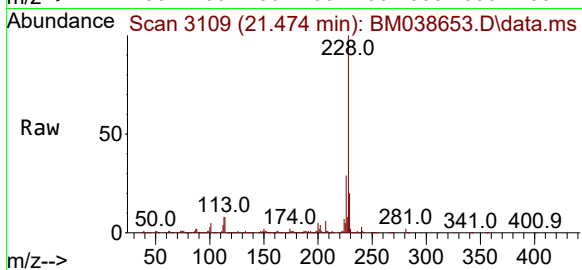
Tgt Ion:228 Resp: 690239

Ion Ratio Lower Upper

228 100

226 28.7 22.2 33.4

229 19.5 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 41.760 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

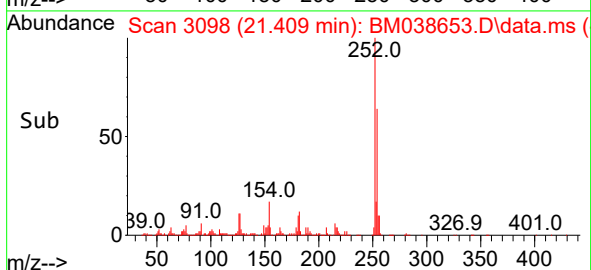
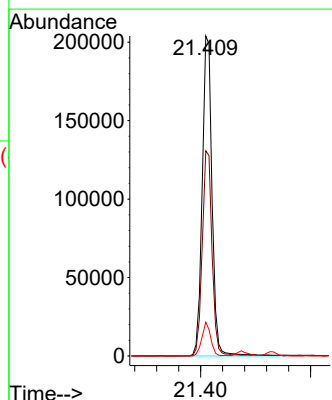
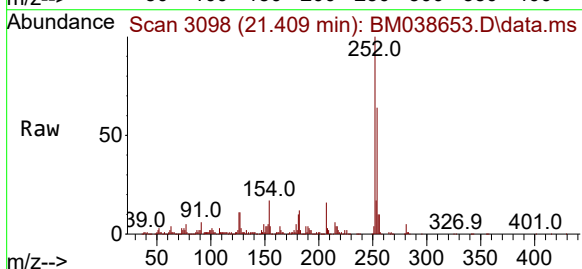
Tgt Ion:252 Resp: 254370

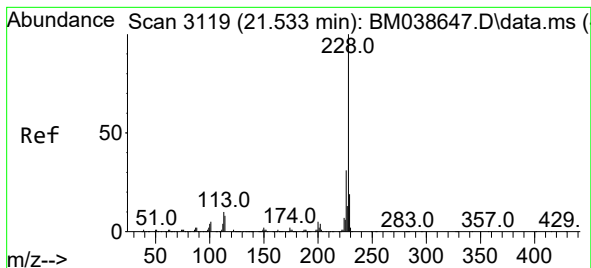
Ion Ratio Lower Upper

252 100

254 64.1 52.8 79.2

126 10.5 8.2 12.2





#83

Chrysene

Concen: 37.983 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

Instrument :

BNA_M

ClientSampleId :

PB150362BS

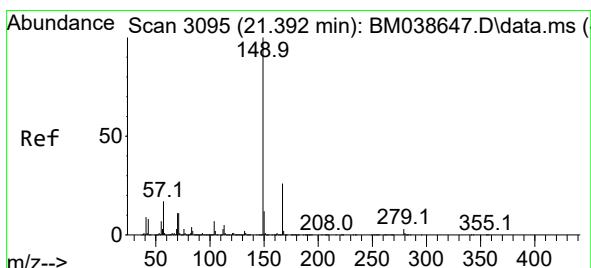
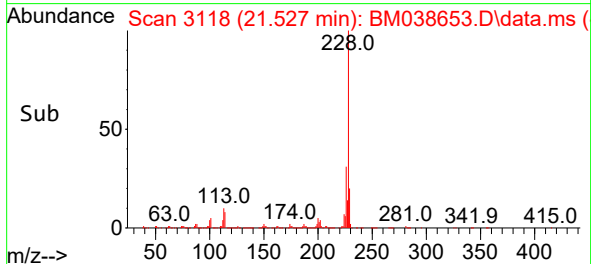
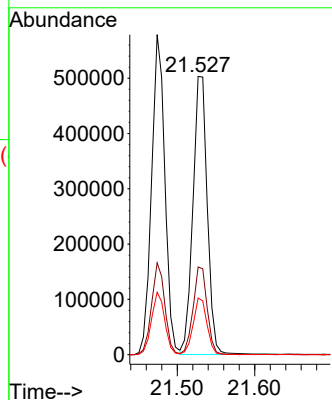
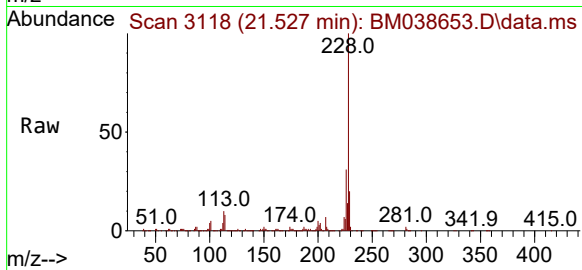
Tgt Ion:228 Resp: 647961

Ion Ratio Lower Upper

228 100

226 31.5 24.7 37.1

229 20.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.390 ng

RT: 21.392 min Scan# 3095

Delta R.T. -0.000 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

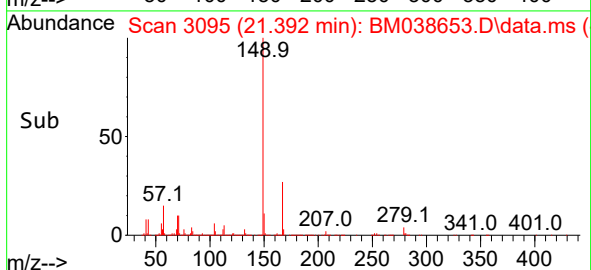
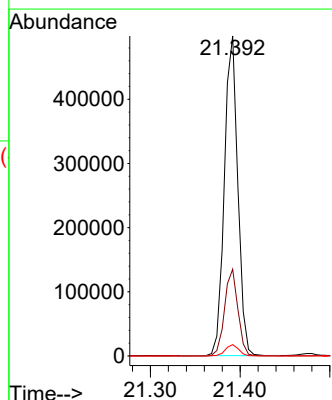
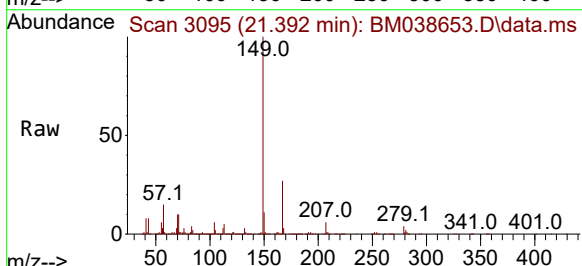
Tgt Ion:149 Resp: 517197

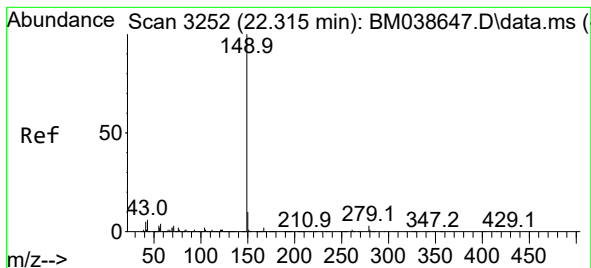
Ion Ratio Lower Upper

149 100

167 27.1 20.8 31.2

279 3.5 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 39.325 ng

RT: 22.309 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

Instrument :

BNA_M

ClientSampleId :

PB150362BS

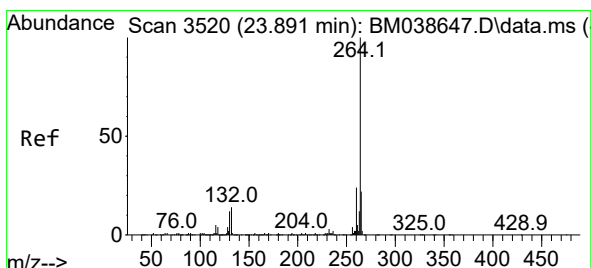
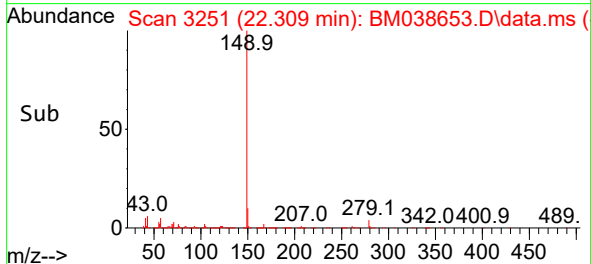
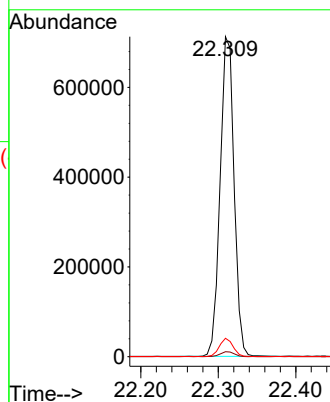
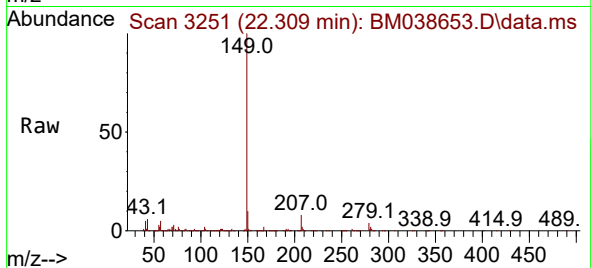
Tgt Ion:149 Resp: 892014

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 5.6 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: BM038653.D

Acq: 01 Feb 2023 22:07

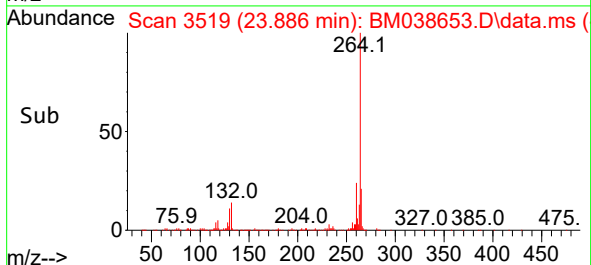
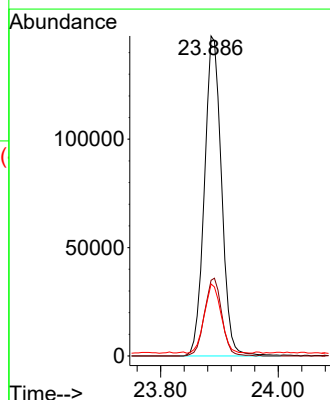
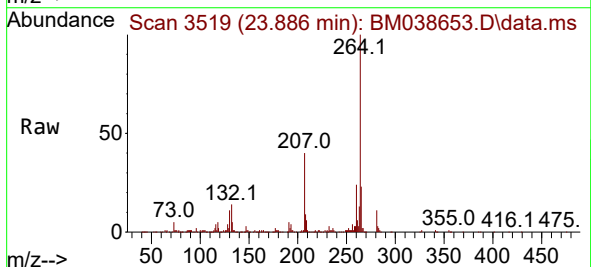
Tgt Ion:264 Resp: 297376

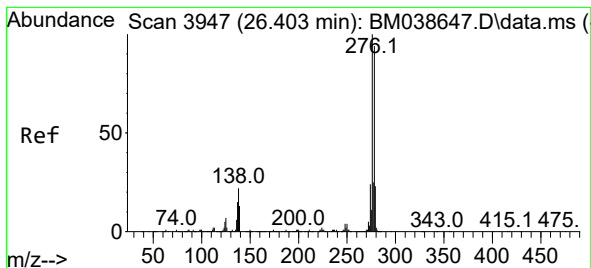
Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 22.5 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.559 ng

RT: 26.391 min Scan# 3945

Delta R.T. -0.012 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

Instrument :

BNA_M

ClientSampleId :

PB150362BS

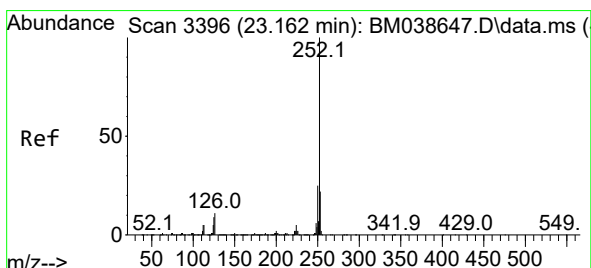
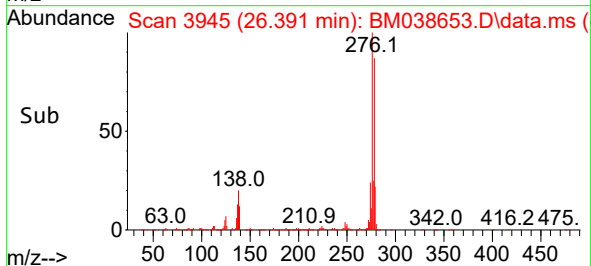
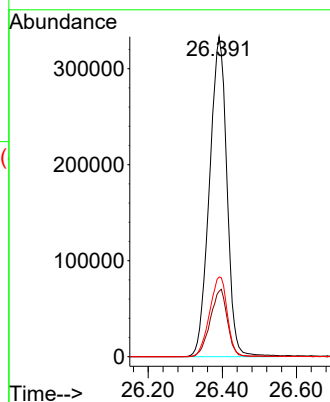
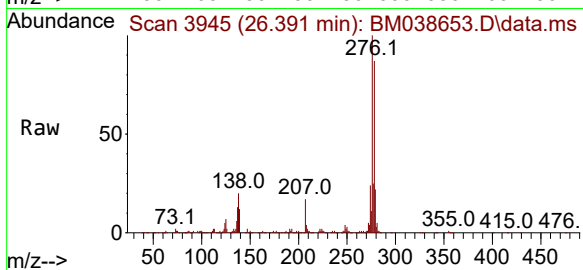
Tgt Ion:276 Resp: 1090572

Ion Ratio Lower Upper

276 100

138 20.5 17.2 25.8

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 45.399 ng

RT: 23.156 min Scan# 3395

Delta R.T. -0.006 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

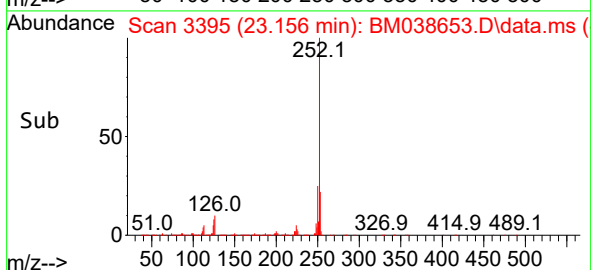
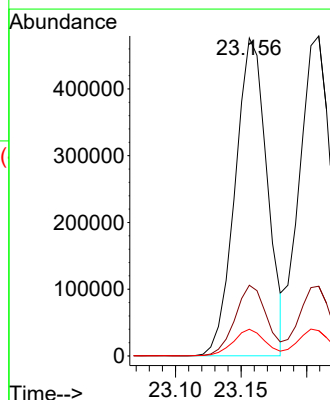
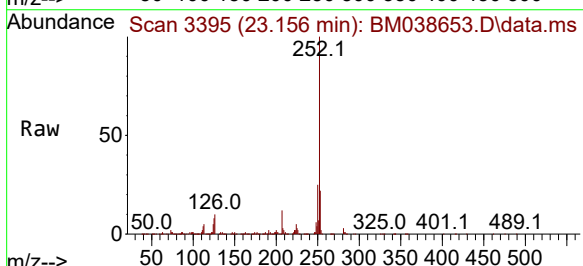
Tgt Ion:252 Resp: 808634

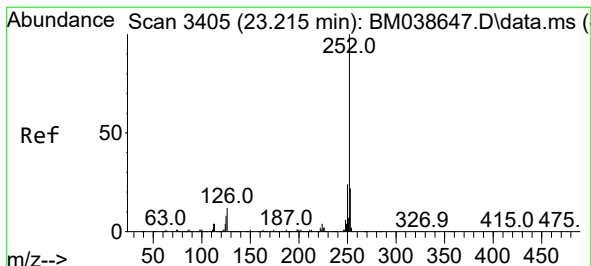
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 8.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 45.022 ng

RT: 23.209 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

Instrument :

BNA_M

ClientSampleId :

PB150362BS

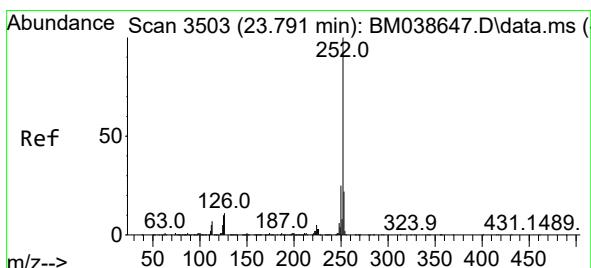
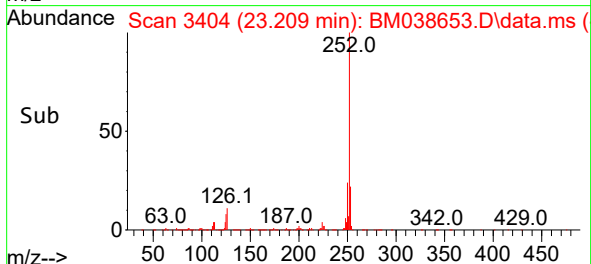
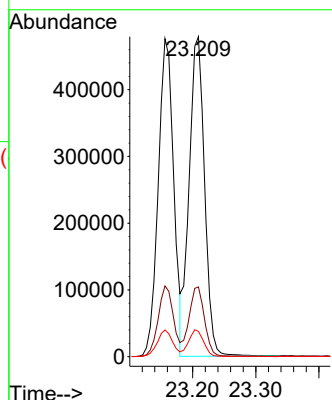
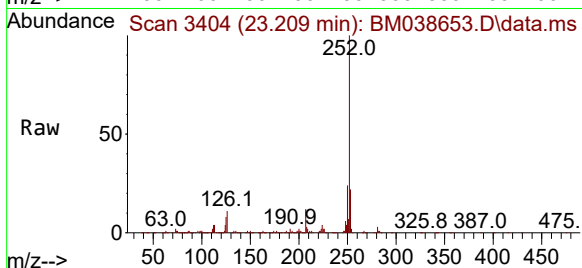
Tgt Ion:252 Resp: 814330

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 7.9 6.6 9.8



#90

Benzo(a)pyrene

Concen: 41.593 ng

RT: 23.786 min Scan# 3502

Delta R.T. -0.006 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

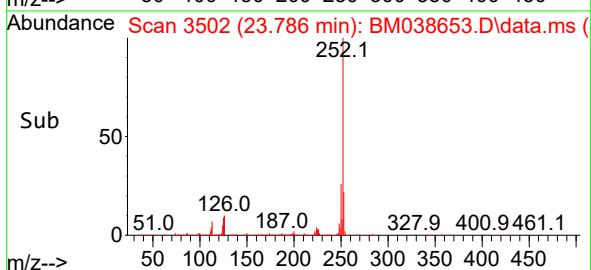
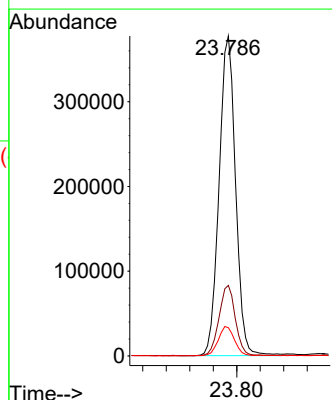
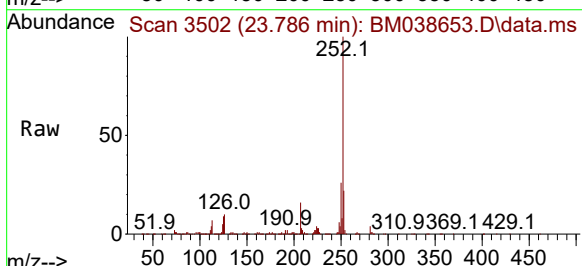
Tgt Ion:252 Resp: 732629

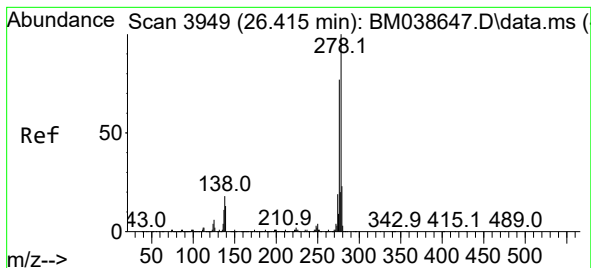
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.8 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 48.120 ng

RT: 26.403 min Scan# 3949

Delta R.T. -0.012 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

Instrument :

BNA_M

ClientSampleId :

PB150362BS

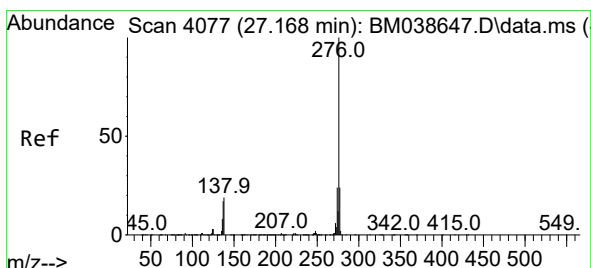
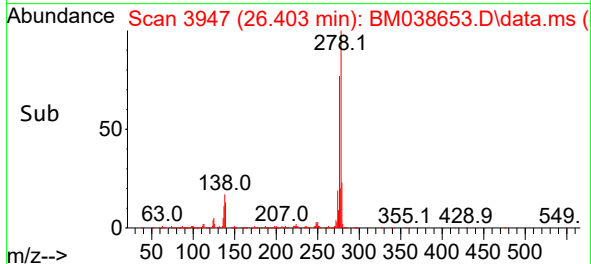
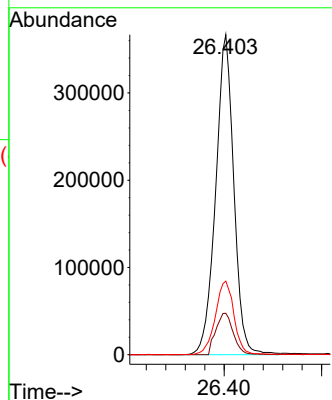
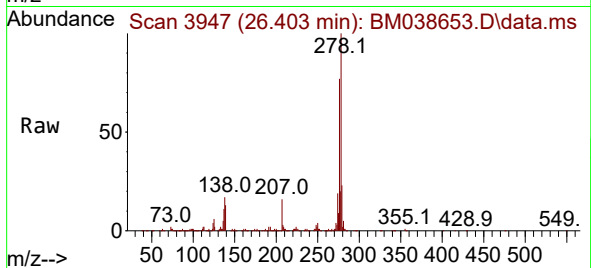
Tgt Ion:278 Resp: 948276

Ion Ratio Lower Upper

278 100

139 13.0 10.5 15.7

279 23.0 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 47.542 ng

RT: 27.162 min Scan# 4076

Delta R.T. -0.006 min

Lab File: BM038653.D

Acq: 01 Feb 2023 22:07

Tgt Ion:276 Resp: 947058

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 18.1 15.3 22.9

