

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
 Data File : BM038776.D
 Acq On : 17 Feb 2023 15:45
 Operator : CG/JU
 Sample : PB150890BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150890BS

Quant Time: Feb 17 17:36:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 06:10:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	67183	20.000	ng	-0.04
21) Naphthalene-d8	10.692	136	236226	20.000	ng	-0.04
39) Acenaphthene-d10	14.533	164	137908	20.000	ng	-0.03
64) Phenanthrene-d10	17.280	188	244496	20.000	ng	#-0.02
76) Chrysene-d12	21.468	240	190405	20.000	ng	-0.02
86) Perylene-d12	23.856	264	210605	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	364214	106.197	ng	-0.03
7) Phenol-d6	7.063	99	421312	107.709	ng	-0.02
23) Nitrobenzene-d5	9.057	82	250855	60.318	ng	-0.04
42) 2,4,6-Tribromophenol	16.027	330	172735	92.151	ng	-0.02
45) 2-Fluorobiphenyl	13.157	172	690170	63.713	ng	-0.03
79) Terphenyl-d14	19.903	244	754178	69.897	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	49247	32.572	ng	92
3) Pyridine	3.693	79	112909	31.405	ng	94
4) n-Nitrosodimethylamine	3.604	42	55391	34.127	ng	80
6) Aniline	7.210	93	184127	37.736	ng	93
8) 2-Chlorophenol	7.445	128	174281	46.570	ng	95
9) Benzaldehyde	7.022	77	78094	45.297	ng	89
10) Phenol	7.087	94	183360	46.401	ng	92
11) bis(2-Chloroethyl)ether	7.310	93	138726	43.349	ng	96
12) 1,3-Dichlorobenzene	7.763	146	208587	43.624	ng	99
13) 1,4-Dichlorobenzene	7.916	146	211458	43.820	ng	98
14) 1,2-Dichlorobenzene	8.233	146	205084	44.363	ng	98
15) Benzyl Alcohol	8.134	79	118909	41.302	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.422	45	111440	36.764	ng	93
17) 2-Methylphenol	8.339	107	129979	42.882	ng	97
18) Hexachloroethane	8.957	117	71606	45.948	ng	95
19) n-Nitroso-di-n-propyla...	8.698	70	97097	41.182	ng	94
20) 3+4-Methylphenols	8.675	107	172679	42.729	ng	95
22) Acetophenone	8.722	105	228850	40.623	ng	# 94
24) Nitrobenzene	9.104	77	156985	37.189	ng	# 87
25) Isophorone	9.628	82	272072	37.344	ng	97
26) 2-Nitrophenol	9.810	139	97919	41.687	ng	97
27) 2,4-Dimethylphenol	9.875	122	145217	42.849	ng	98
28) bis(2-Chloroethoxy)met...	10.110	93	173318	38.927	ng	99
29) 2,4-Dichlorophenol	10.351	162	177339	36.832	ng	98
30) 1,2,4-Trichlorobenzene	10.557	180	183597	35.847	ng	98
31) Naphthalene	10.745	128	498244	41.102	ng	98
32) Benzoic acid	10.045	122	103414	37.695	ng	91
33) 4-Chloroaniline	10.869	127	83433	15.705	ng	# 94
34) Hexachlorobutadiene	11.016	225	102209	39.837	ng	97
35) Caprolactam	11.680	113	21727	20.953	ng	# 80
36) 4-Chloro-3-methylphenol	12.004	107	132093	37.102	ng	97
37) 2-Methylnaphthalene	12.357	142	362232	36.978	ng	99
38) 1-Methylnaphthalene	12.574	142	331527	35.916	ng	99
40) 1,2,4,5-Tetrachloroben...	12.721	216	161510	45.000	ng	98
41) Hexachlorocyclopentadiene	12.692	237	252186	113.232	ng	100
43) 2,4,6-Trichlorophenol	12.974	196	117282	41.595	ng	97

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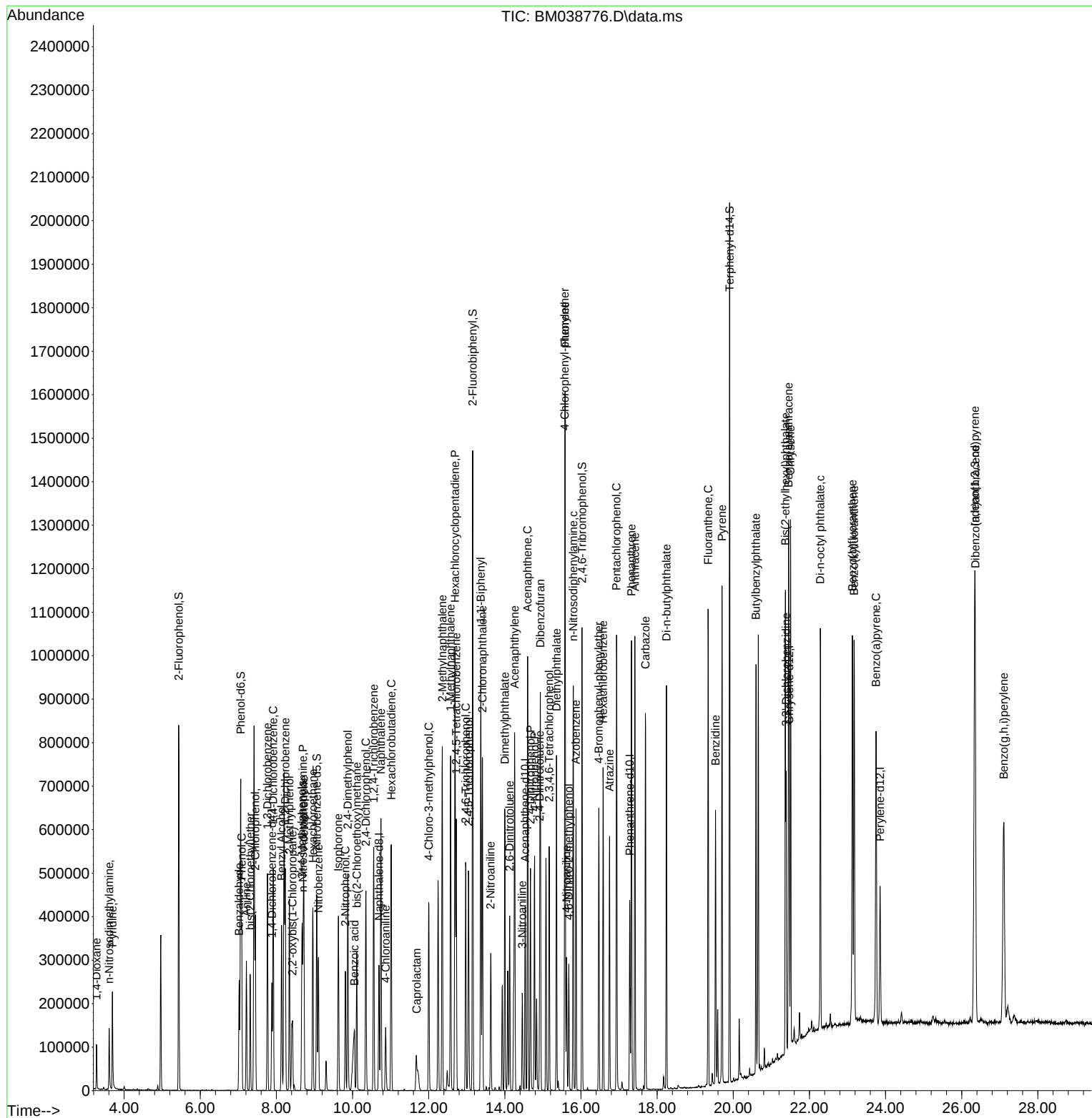
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	124866	37.632	ng	93
46) 1,1'-Biphenyl	13.368	154	481837	44.107	ng	98
47) 2-Chloronaphthalene	13.410	162	377828	43.953	ng	96
48) 2-Nitroaniline	13.627	65	71993	37.602	ng	94
49) Acenaphthylene	14.257	152	571488	42.209	ng	98
50) Dimethylphthalate	13.998	163	433836	38.549	ng	100
51) 2,6-Dinitrotoluene	14.127	165	89006	38.912	ng	96
52) Acenaphthene	14.598	154	333325	41.230	ng	99
53) 3-Nitroaniline	14.457	138	63675	27.325	ng	97
54) 2,4-Dinitrophenol	14.674	184	109828	73.768	ng	# 87
55) Dibenzofuran	14.933	168	528139	37.936	ng	95
56) 4-Nitrophenol	14.780	139	149248	81.356	ng	92
57) 2,4-Dinitrotoluene	14.915	165	122739	36.761	ng	# 98
58) Fluorene	15.580	166	425046	38.587	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.162	232	91765	39.736	ng	97
60) Diethylphthalate	15.357	149	423110	39.686	ng	97
61) 4-Chlorophenyl-phenyle...	15.574	204	187597	40.144	ng	97
62) 4-Nitroaniline	15.621	138	79155	32.820	ng	98
63) Azobenzene	15.868	77	323635	39.455	ng	96
65) 4,6-Dinitro-2-methylph...	15.680	198	60667	39.416	ng	95
66) n-Nitrosodiphenylamine	15.798	169	341671	42.799	ng	98
67) 4-Bromophenyl-phenylether	16.468	248	107152	45.389	ng	95
68) Hexachlorobenzene	16.580	284	132888	46.059	ng	90
69) Atrazine	16.751	200	108747	46.999	ng	98
70) Pentachlorophenol	16.933	266	156728	74.518	ng	98
71) Phenanthrene	17.327	178	588027	40.505	ng	99
72) Anthracene	17.415	178	594033	39.998	ng	99
73) Carbazole	17.692	167	548329	39.588	ng	97
74) Di-n-butylphthalate	18.245	149	683545	43.680	ng	100
75) Fluoranthene	19.339	202	583839	38.303	ng	99
77) Benzidine	19.533	184	340619	58.795	ng	97
78) Pyrene	19.703	202	605229	41.286	ng	100
80) Butylbenzylphthalate	20.597	149	287788	39.781	ng	99
81) Benzo(a)anthracene	21.450	228	553595	41.102	ng	99
82) 3,3'-Dichlorobenzidine	21.386	252	166340	35.898	ng	96
83) Chrysene	21.503	228	516825	39.826	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	413668	39.236	ng	99
85) Di-n-octyl phthalate	22.286	149	693493	40.190	ng	99
87) Indeno(1,2,3-cd)pyrene	26.344	276	755008	45.514	ng	99
88) Benzo(b)fluoranthene	23.127	252	573205	45.441	ng	100
89) Benzo(k)fluoranthene	23.174	252	569426	44.453	ng	99
90) Benzo(a)pyrene	23.750	252	496720	39.819	ng	98
91) Dibenzo(a,h)anthracene	26.356	278	631908	45.277	ng	100
92) Benzo(g,h,i)perylene	27.103	276	590911	41.885	ng	99

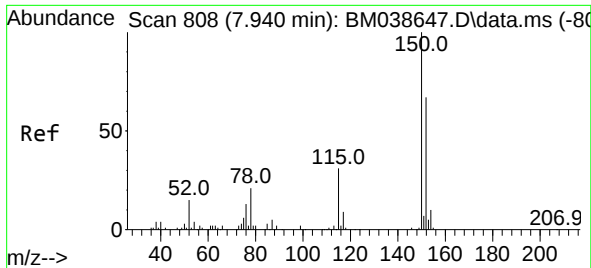
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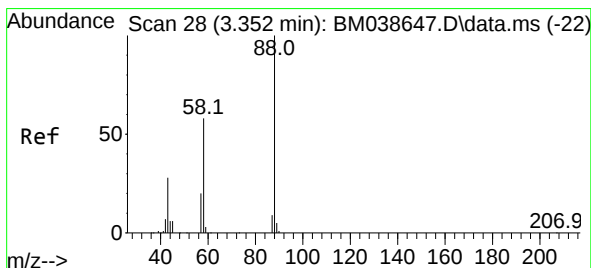
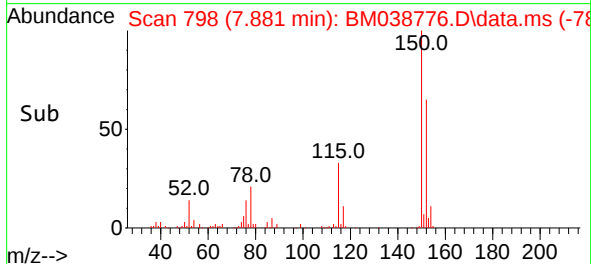
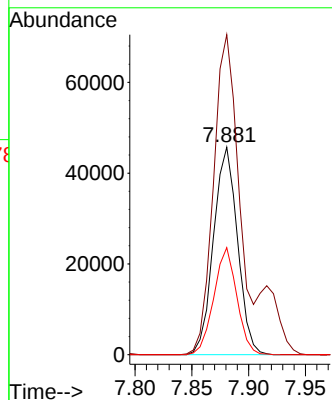
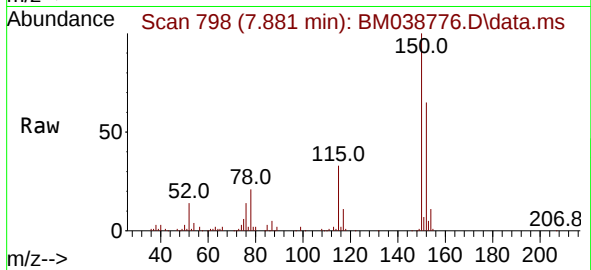




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.881 min Scan# 79
 Delta R.T. -0.035 min
 Lab File: BM038776.D
 Acq: 17 Feb 2023 15:45

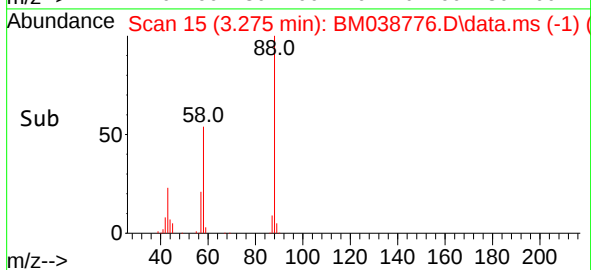
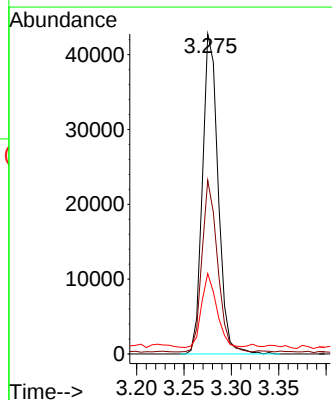
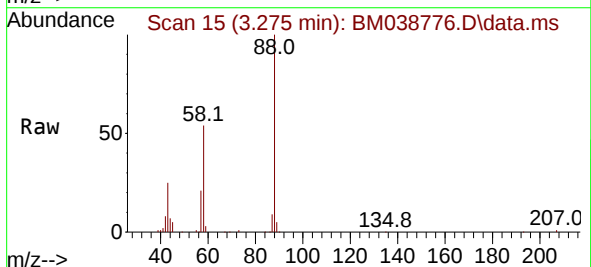
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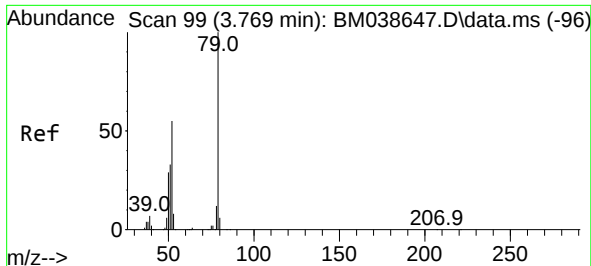
Tgt Ion:152 Resp: 67183
 Ion Ratio Lower Upper
 152 100
 150 154.2 119.5 179.3
 115 51.5 37.6 56.4



#2
 1,4-Dioxane
 Concen: 32.572 ng
 RT: 3.275 min Scan# 15
 Delta R.T. -0.030 min
 Lab File: BM038776.D
 Acq: 17 Feb 2023 15:45

Tgt Ion: 88 Resp: 49247
 Ion Ratio Lower Upper
 88 100
 58 53.2 47.0 70.4
 43 22.9 22.6 33.8

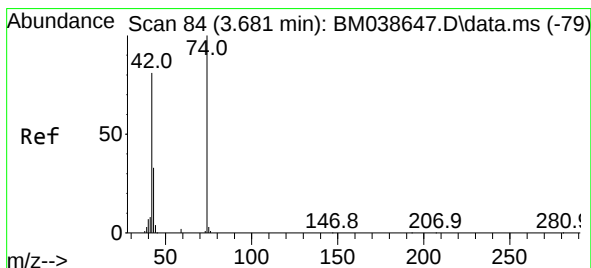
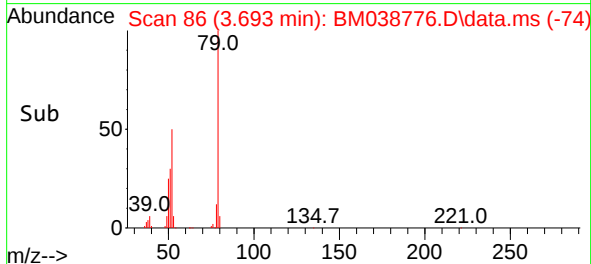
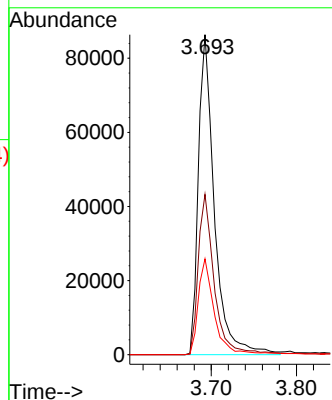
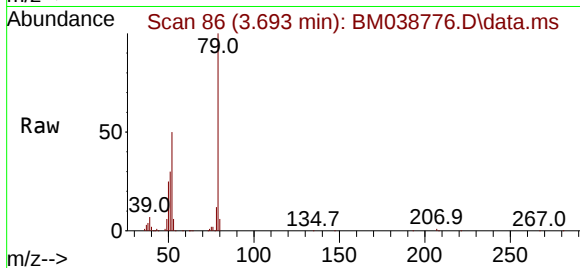




#3
Pyridine
Concen: 31.405 ng
RT: 3.693 min Scan# 80
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

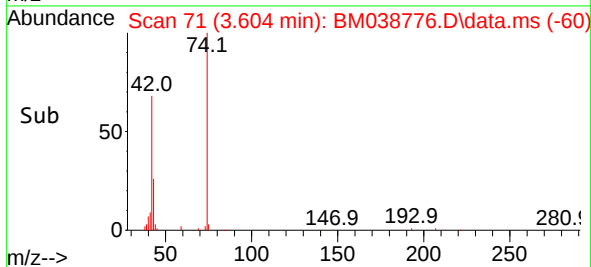
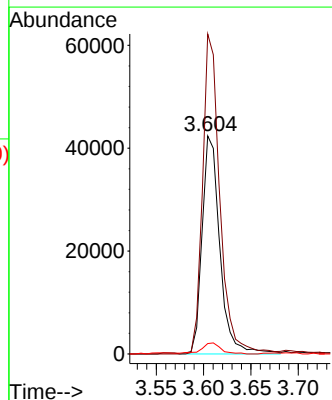
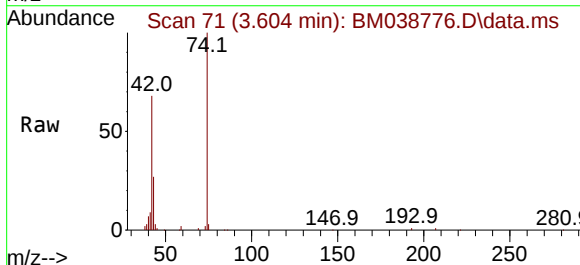
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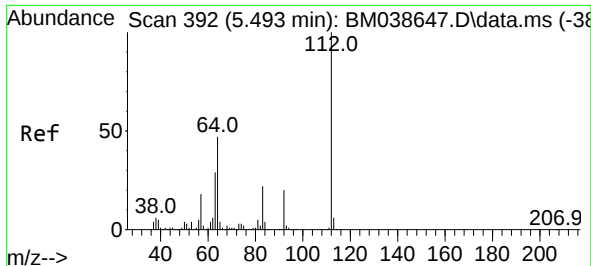
Tgt Ion: 79 Resp: 112909
Ion Ratio Lower Upper
79 100
52 50.1 43.7 65.5
51 30.0 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 34.127 ng
RT: 3.604 min Scan# 71
Delta R.T. -0.036 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion: 42 Resp: 55391
Ion Ratio Lower Upper
42 100
74 146.7 98.4 147.6
44 4.7 3.5 5.3

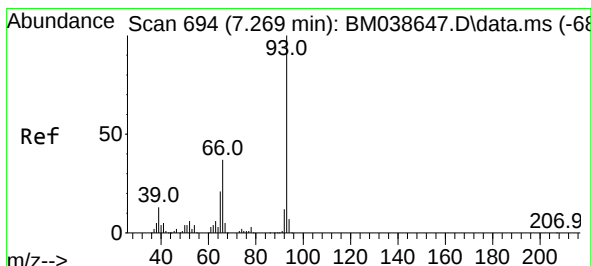
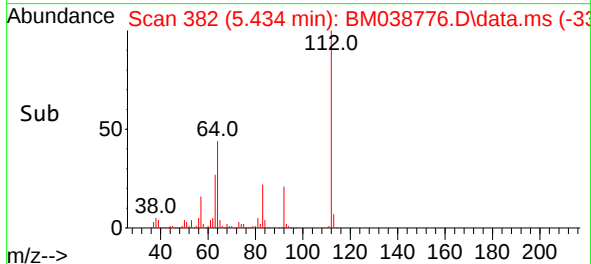
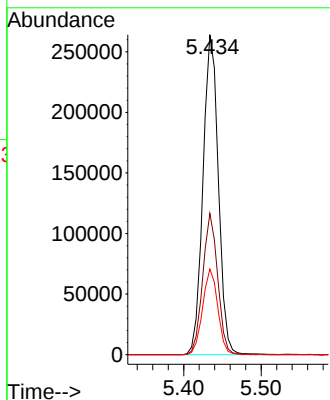
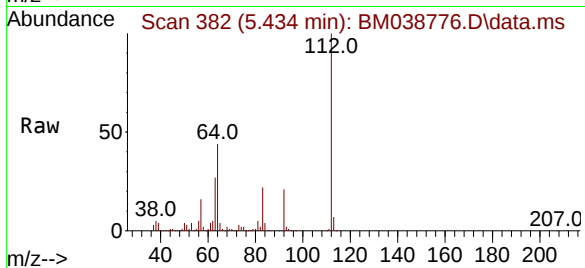




#5
2-Fluorophenol
Concen: 106.197 ng
RT: 5.434 min Scan# 382
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

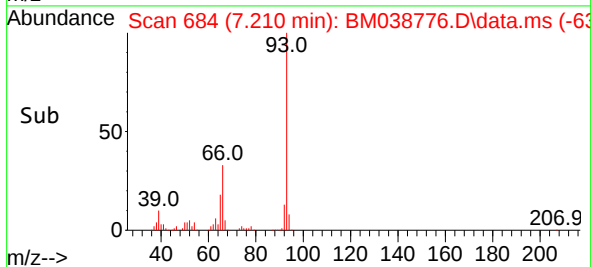
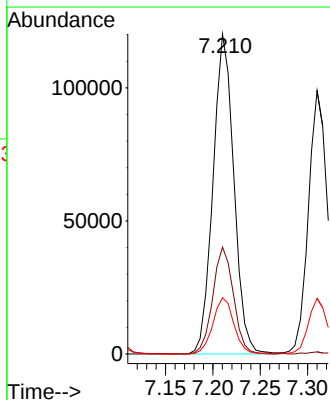
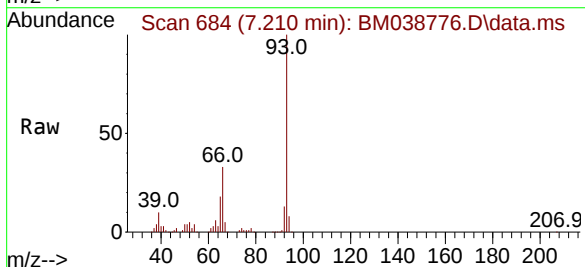
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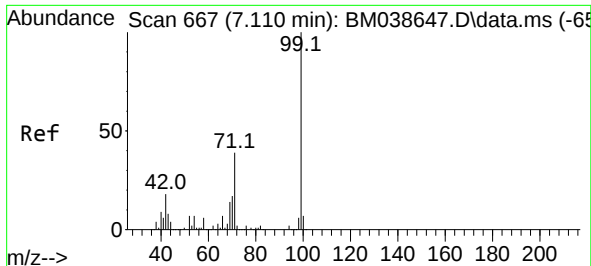
Tgt Ion:112 Resp: 364214
Ion Ratio Lower Upper
112 100
64 44.1 37.9 56.9
63 26.7 23.3 34.9



#6
Aniline
Concen: 37.736 ng
RT: 7.210 min Scan# 684
Delta R.T. -0.036 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion: 93 Resp: 184127
Ion Ratio Lower Upper
93 100
66 33.4 29.8 44.8
65 17.6 16.9 25.3

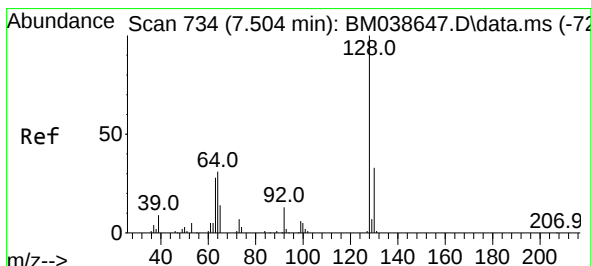
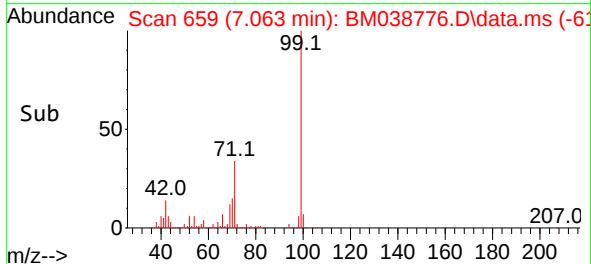
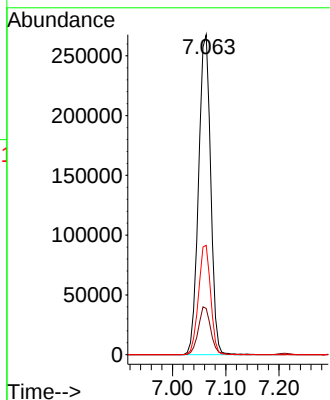
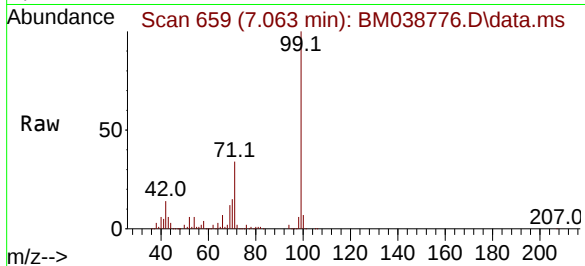




#7
Phenol-d6
Concen: 107.709 ng
RT: 7.063 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM038776.D
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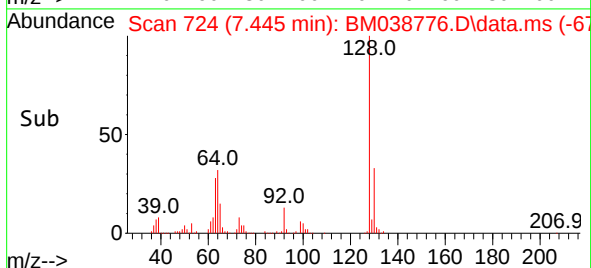
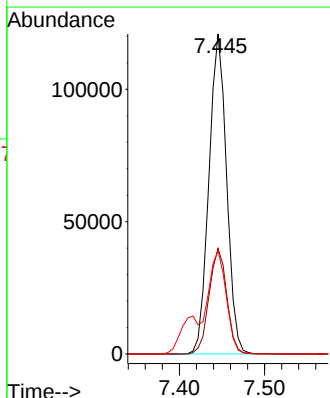
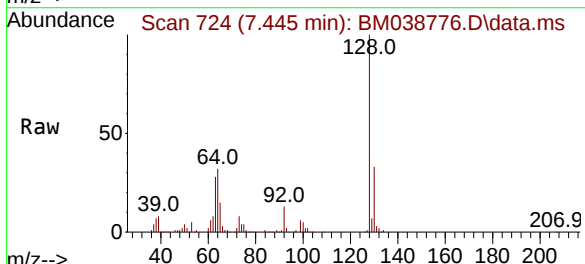
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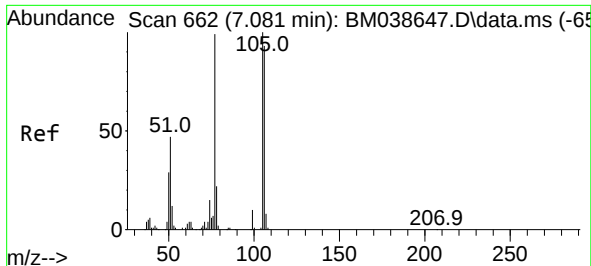
Tgt Ion: 99 Resp: 421312
Ion Ratio Lower Upper
99 100
42 14.4 14.6 22.0#
71 34.2 31.0 46.4



#8
2-Chlorophenol
Concen: 46.570 ng
RT: 7.445 min Scan# 724
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion: 128 Resp: 174281
Ion Ratio Lower Upper
128 100
130 33.0 13.2 53.2
64 32.2 17.3 57.3

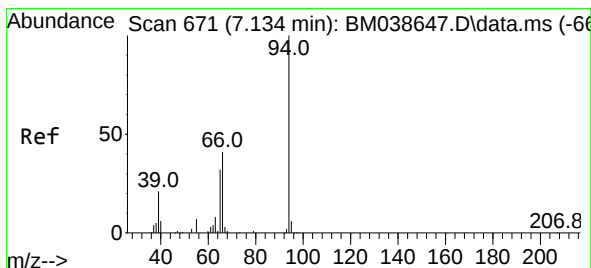
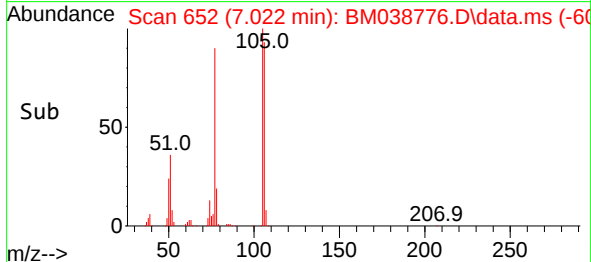
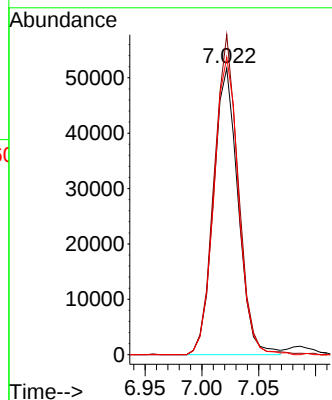
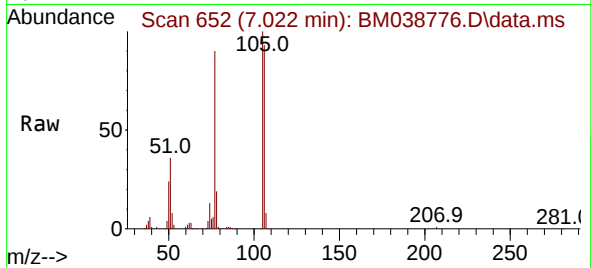




#9
Benzaldehyde
Concen: 45.297 ng
RT: 7.022 min Scan# 611
Delta R.T. -0.036 min
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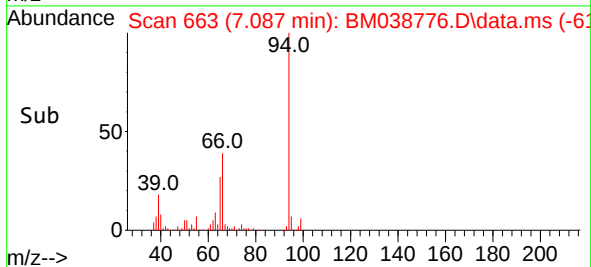
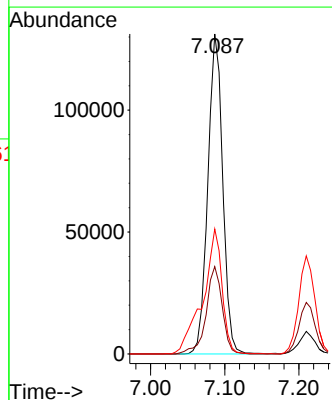
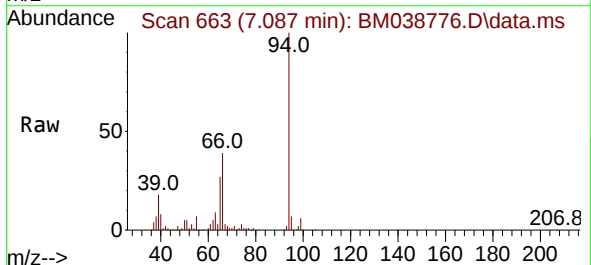
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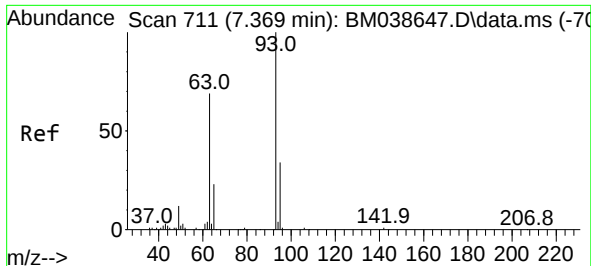
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Ion Ratio Lower Upper
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105 111.7 80.8 120.8
106 103.9 73.8 113.8



#10
Phenol
Concen: 46.401 ng
RT: 7.087 min Scan# 663
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion: 94 Resp: 183360
Ion Ratio Lower Upper
94 100
65 27.3 12.3 52.3
66 39.0 24.2 64.2

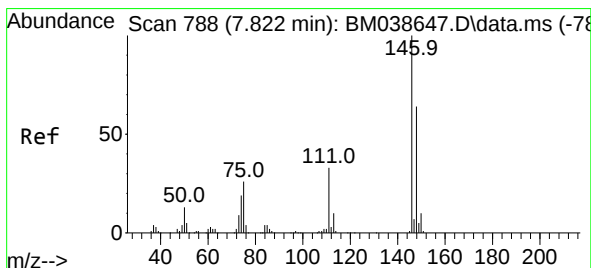
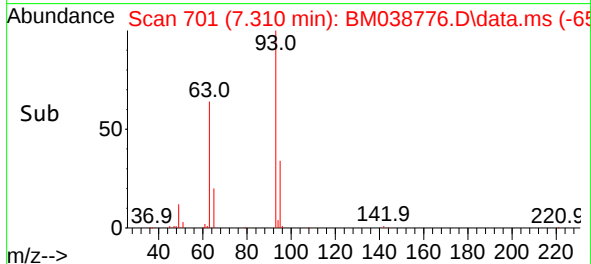
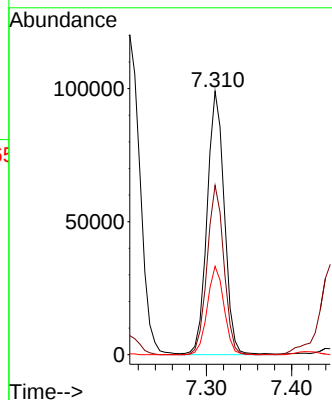
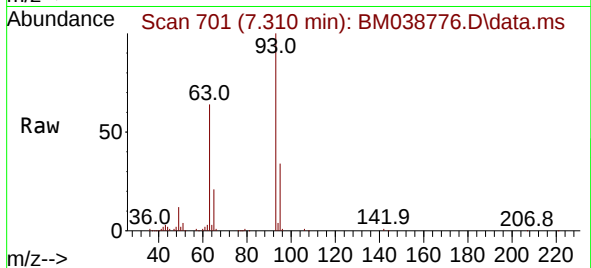




#11
bis(2-Chloroethyl)ether
Concen: 43.349 ng
RT: 7.310 min Scan# 701
Delta R.T. -0.036 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

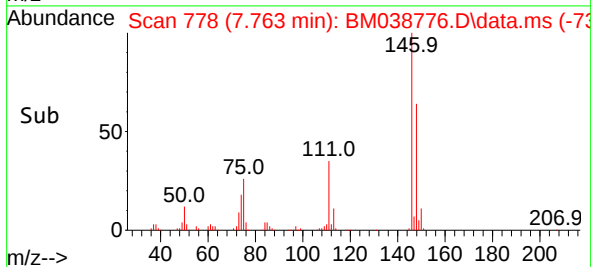
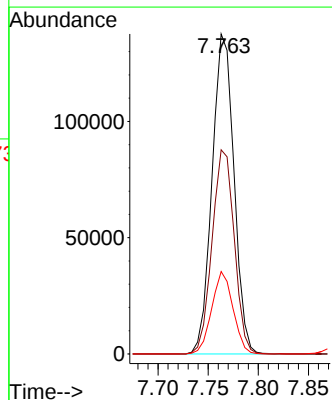
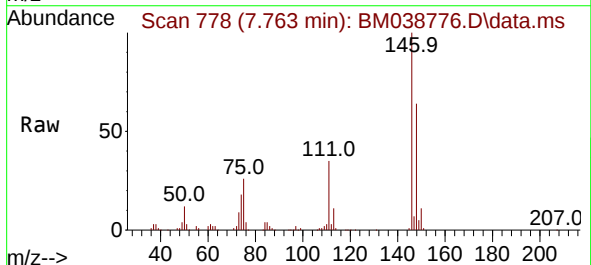
Instrument :
BNA_M
ClientSampleId :
PB150890BS

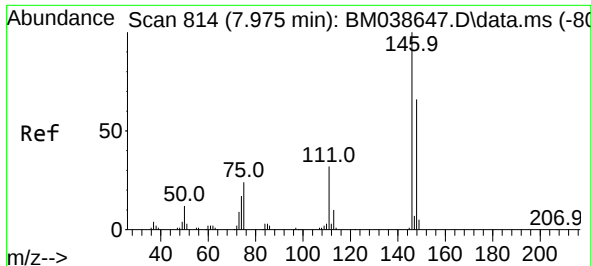
Tgt Ion: 93 Resp: 138726
Ion Ratio Lower Upper
93 100
63 64.3 48.5 88.5
95 33.5 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 43.624 ng
RT: 7.763 min Scan# 778
Delta R.T. -0.036 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:146 Resp: 208587
Ion Ratio Lower Upper
146 100
148 63.8 51.5 77.3
75 25.8 21.1 31.7

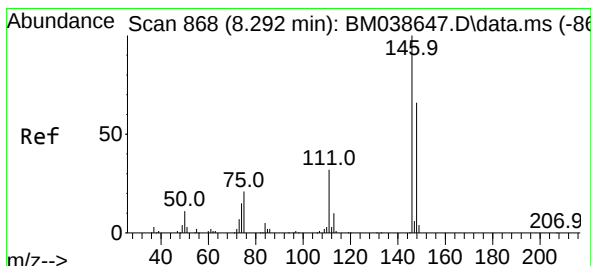
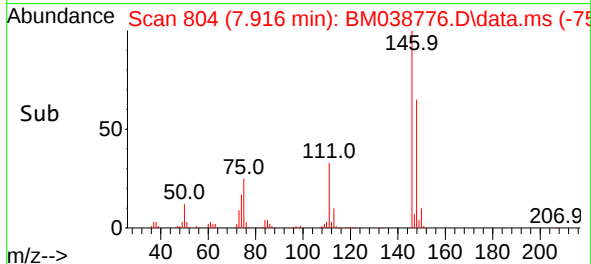
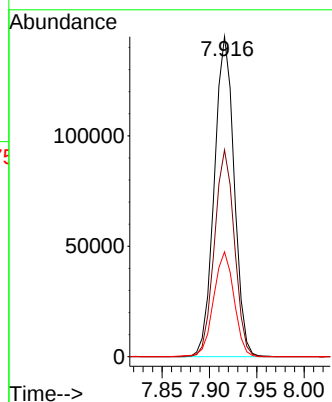
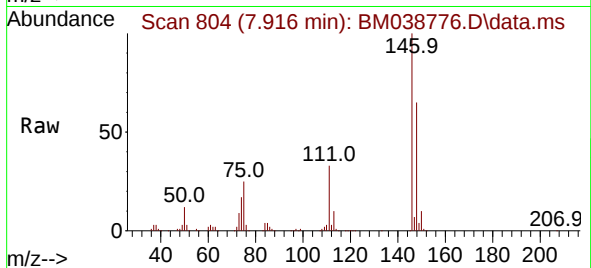




#13
1,4-Dichlorobenzene
Concen: 43.820 ng
RT: 7.916 min Scan# 804
Delta R.T. -0.036 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

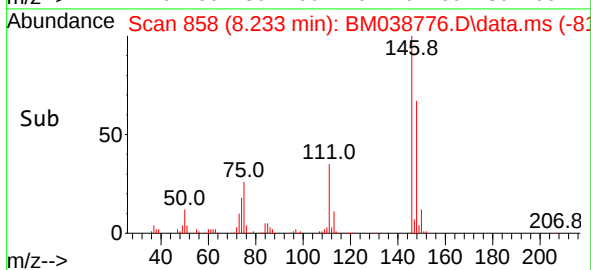
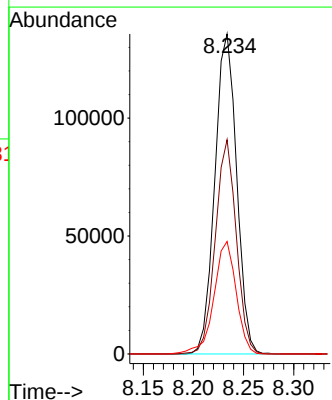
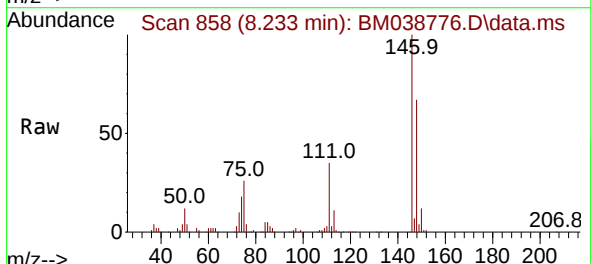
Instrument :
BNA_M
ClientSampleId :
PB150890BS

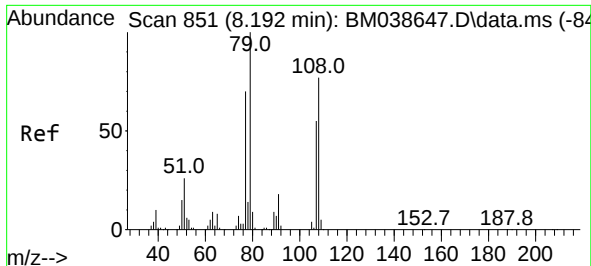
Tgt Ion:146 Resp: 211458
Ion Ratio Lower Upper
146 100
148 64.6 53.1 79.7
111 32.7 25.9 38.9



#14
1,2-Dichlorobenzene
Concen: 44.363 ng
RT: 8.233 min Scan# 858
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:146 Resp: 205084
Ion Ratio Lower Upper
146 100
148 67.0 52.9 79.3
111 35.2 26.2 39.2

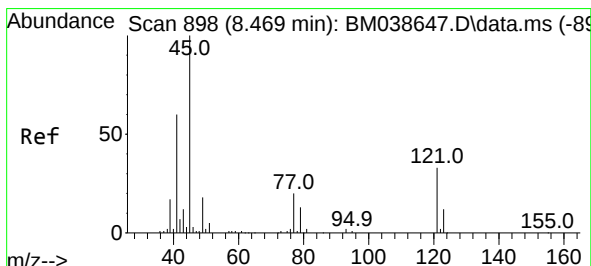
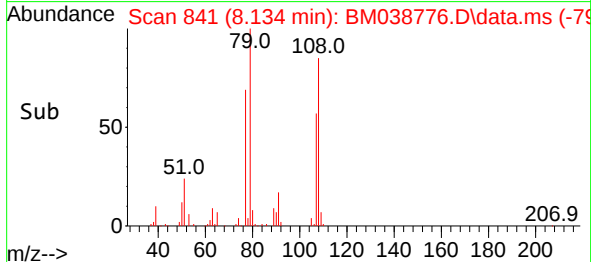
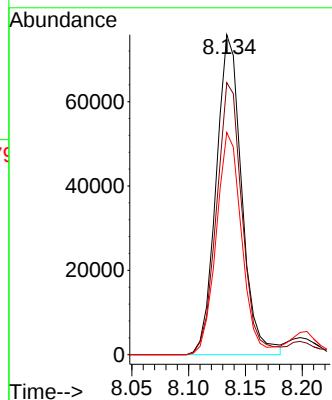
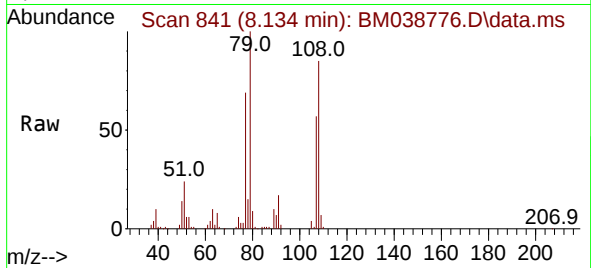




#15
Benzyl Alcohol
Concen: 41.302 ng
RT: 8.134 min Scan# 841
Delta R.T. -0.036 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

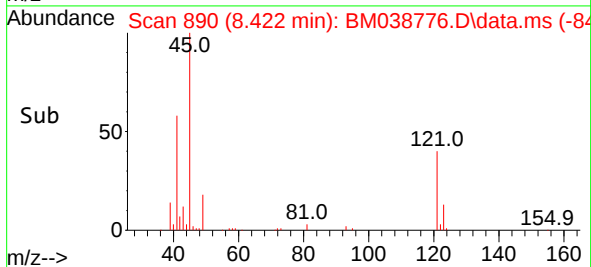
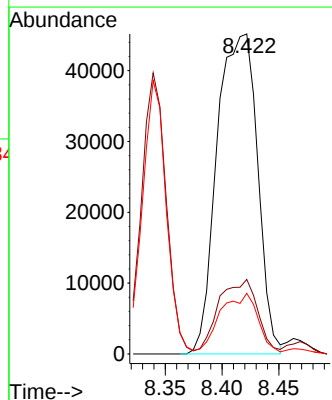
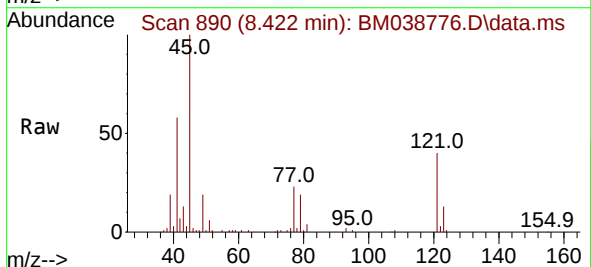
Instrument :
BNA_M
ClientSampleId :
PB150890BS

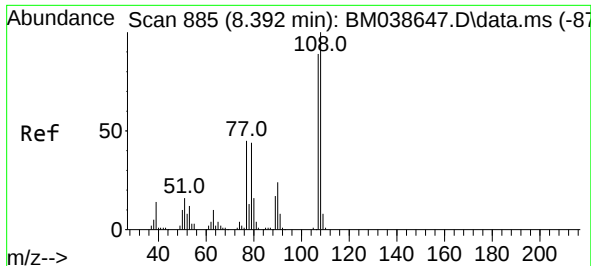
Tgt Ion: 79 Resp: 118909
Ion Ratio Lower Upper
79 100
108 85.0 61.9 92.9
77 69.4 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.764 ng
RT: 8.422 min Scan# 890
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion: 45 Resp: 111440
Ion Ratio Lower Upper
45 100
77 23.3 1.1 41.1
79 19.0 0.0 34.6





#17

2-Methylphenol

Concen: 42.882 ng

RT: 8.339 min Scan# 81

Delta R.T. -0.030 min

Lab File: BM038776.D

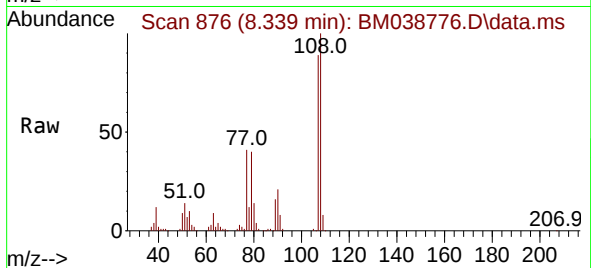
Acq: 17 Feb 2023 15:45

Instrument :

BNA_M

ClientSampleId :

PB150890BS



Tgt Ion:107 Resp: 129979

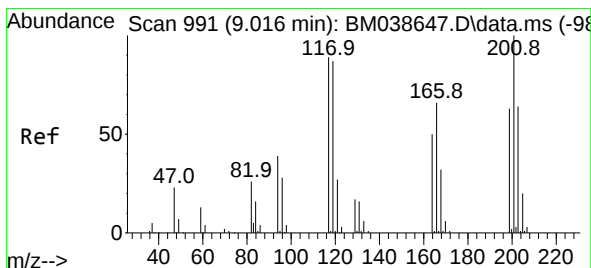
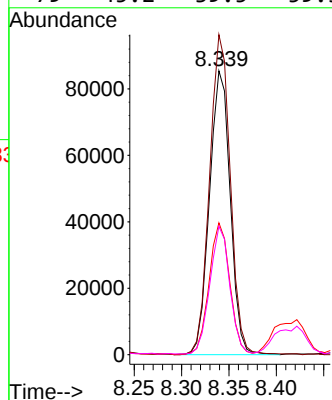
Ion Ratio Lower Upper

107 100

108 112.7 89.6 134.4

77 46.5 40.7 61.1

79 45.2 39.5 59.3



#18

Hexachloroethane

Concen: 45.948 ng

RT: 8.957 min Scan# 981

Delta R.T. -0.036 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

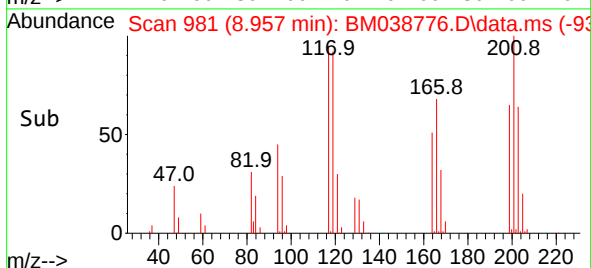
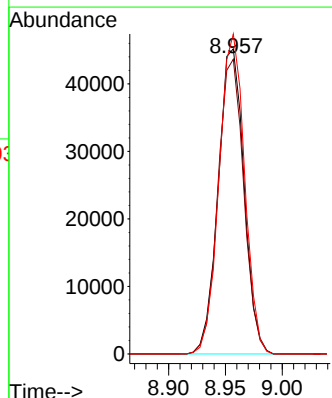
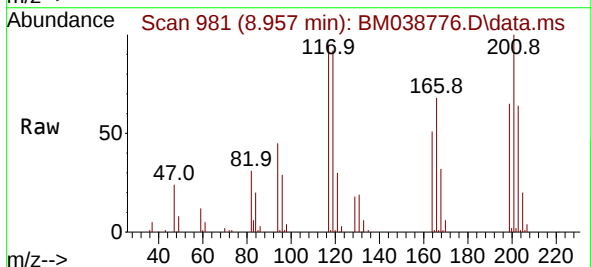
Tgt Ion:117 Resp: 71606

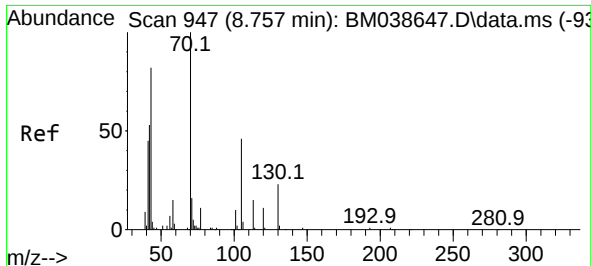
Ion Ratio Lower Upper

117 100

119 96.6 78.6 117.8

201 104.9 90.2 135.2

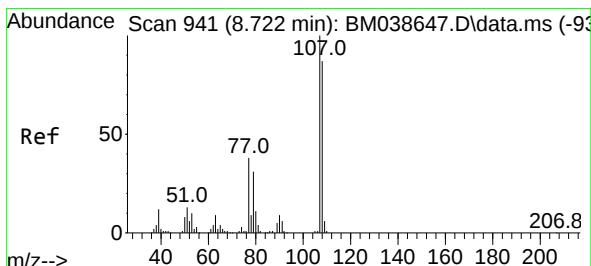
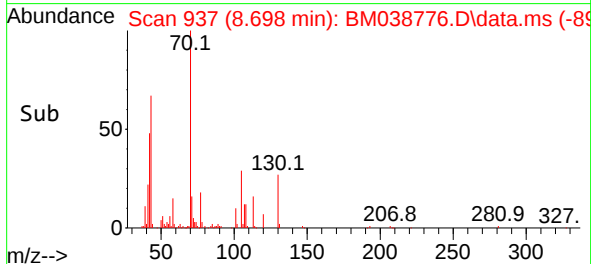
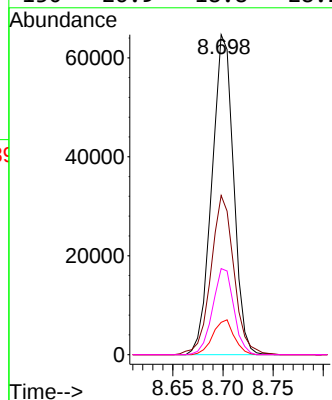
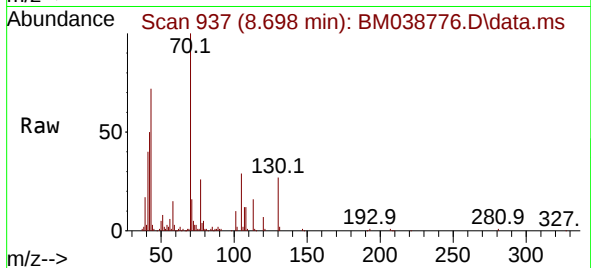




#19
n-Nitroso-di-n-propylamine
Concen: 41.182 ng
RT: 8.698 min Scan# 91
Delta R.T. -0.036 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

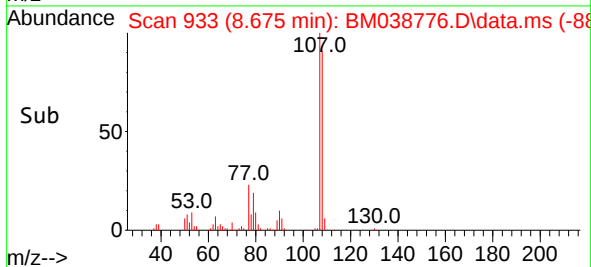
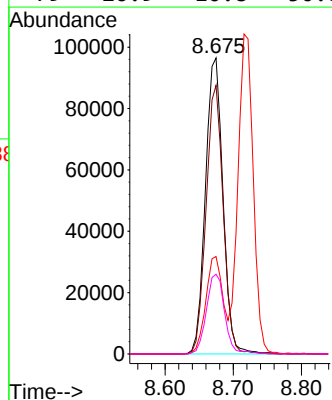
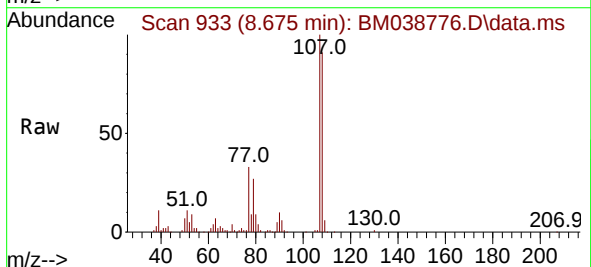
Instrument :
BNA_M
ClientSampleId :
PB150890BS

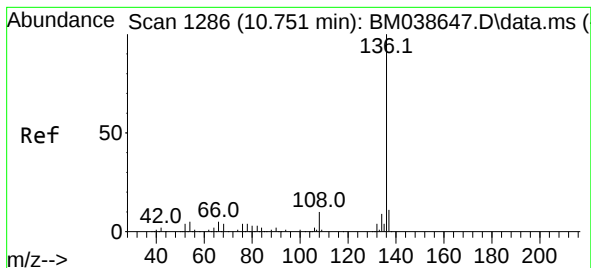
Tgt Ion:	70	Resp:	97097
Ion	Ratio	Lower	Upper
70	100		
42	49.7	43.4	65.2
101	10.1	8.2	12.2
130	26.9	18.8	28.2



#20
3+4-Methylphenols
Concen: 42.729 ng
RT: 8.675 min Scan# 933
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:	107	Resp:	172679
Ion	Ratio	Lower	Upper
107	100		
108	90.7	67.2	107.2
77	32.9	17.5	57.5
79	26.9	10.8	50.8

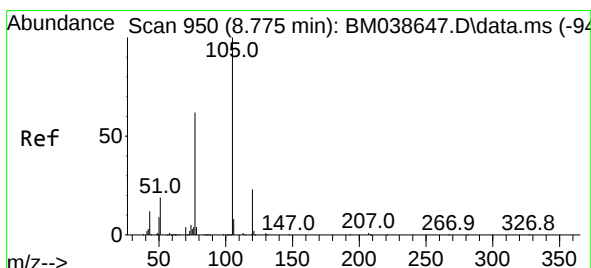
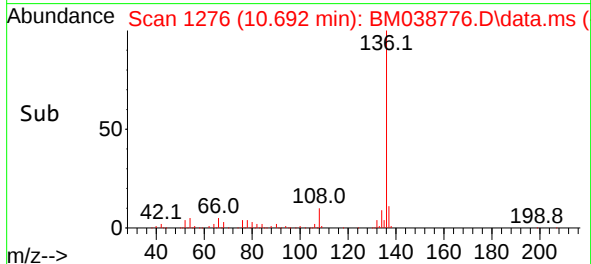
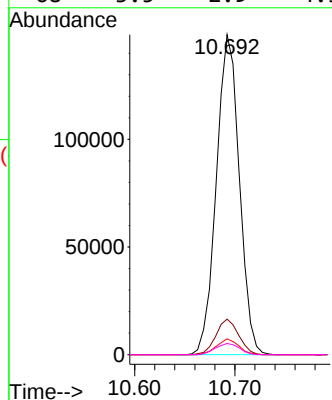
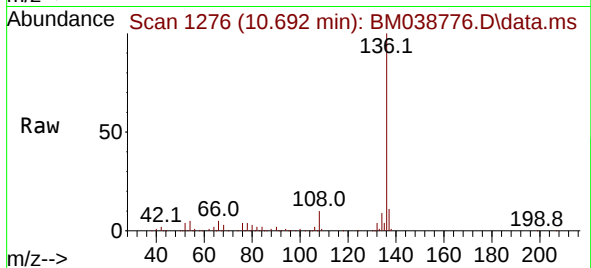




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 11
Delta R.T. -0.036 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

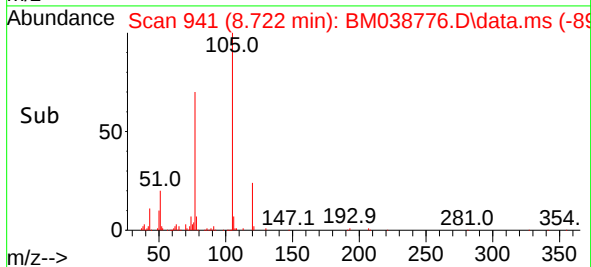
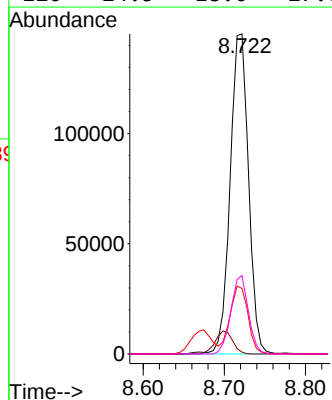
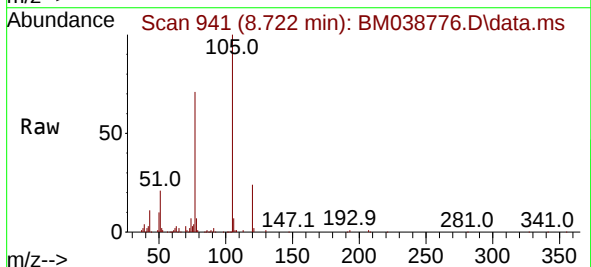
Instrument :
BNA_M
ClientSampleId :
PB150890BS

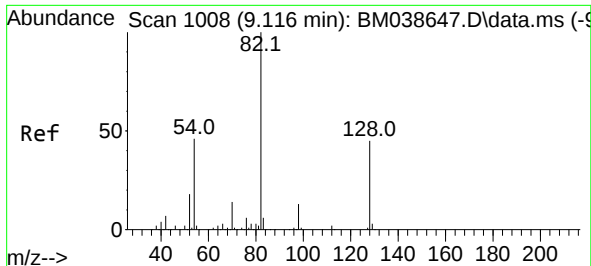
Tgt Ion:136 Resp: 236226
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 4.9 4.2 6.4
68 3.5 2.9 4.3



#22
Acetophenone
Concen: 40.623 ng
RT: 8.722 min Scan# 941
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:105 Resp: 228850
Ion Ratio Lower Upper
105 100
71 0.6 0.9 1.3#
51 20.5 19.3 28.9
120 24.5 18.0 27.0

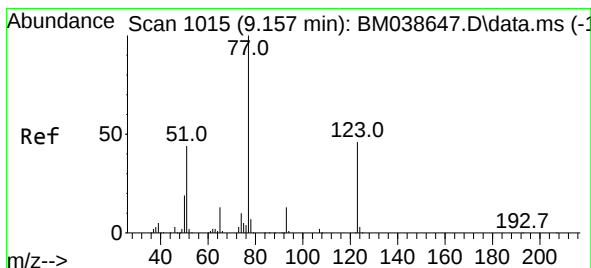
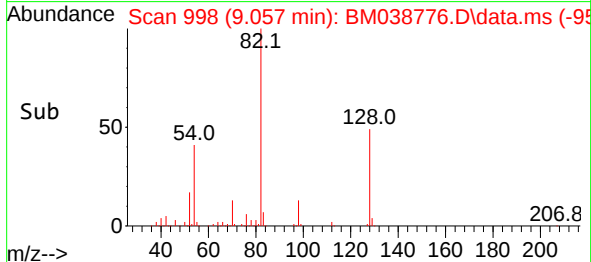
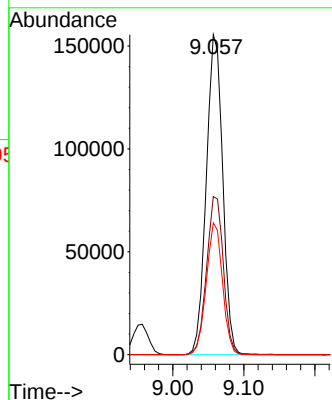
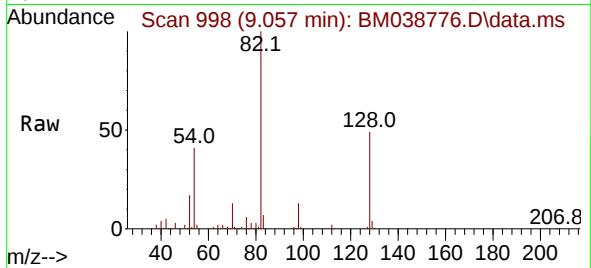




#23
Nitrobenzene-d5
Concen: 60.318 ng
RT: 9.057 min Scan# 91
Delta R.T. -0.036 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

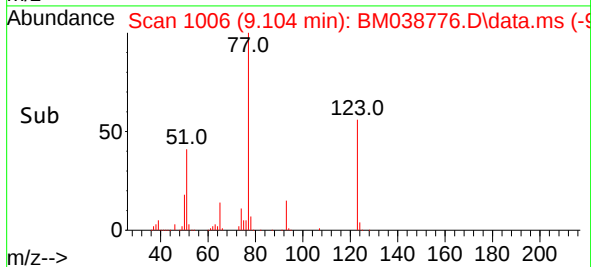
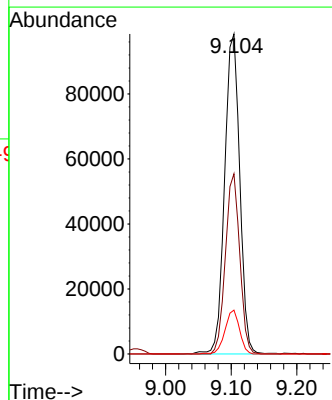
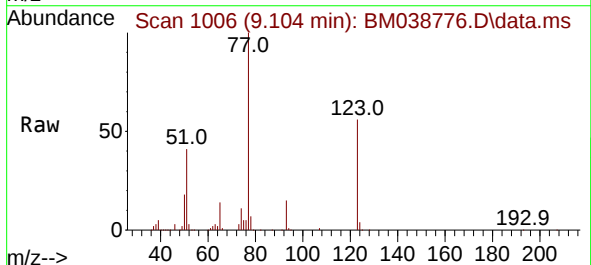
Instrument :
BNA_M
ClientSampleId :
PB150890BS

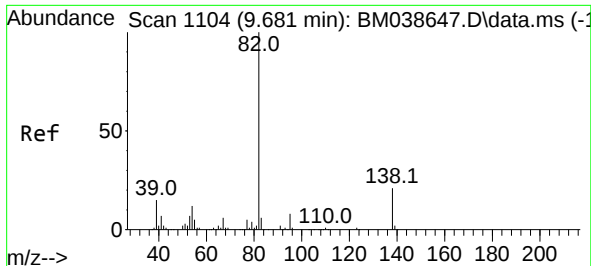
Tgt Ion: 82 Resp: 250855
Ion Ratio Lower Upper
82 100
128 49.4 36.0 54.0
54 41.2 36.8 55.2



#24
Nitrobenzene
Concen: 37.189 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion: 77 Resp: 156985
Ion Ratio Lower Upper
77 100
123 56.3 36.5 54.7#
65 13.7 10.7 16.1

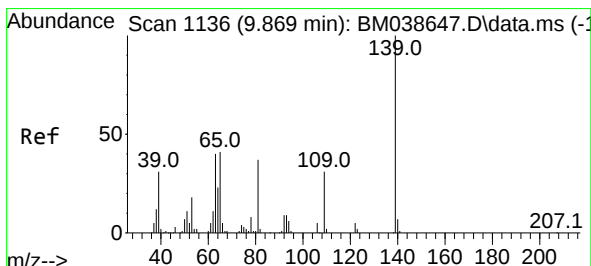
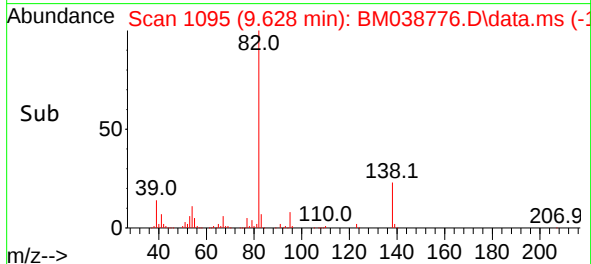
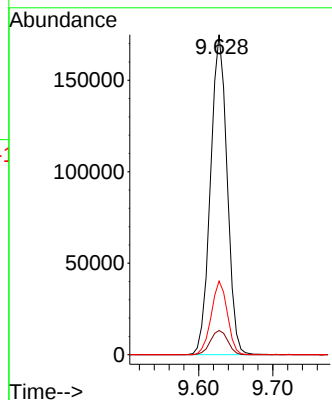
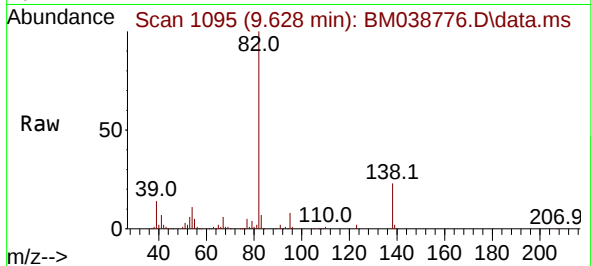




#25
Isophorone
Concen: 37.344 ng
RT: 9.628 min Scan# 1104
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

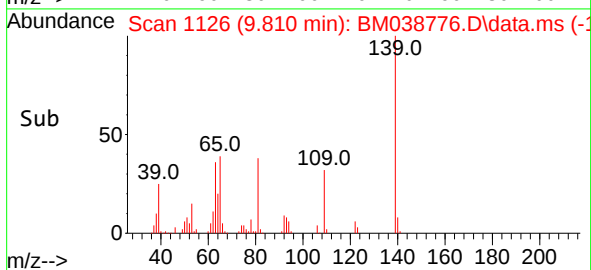
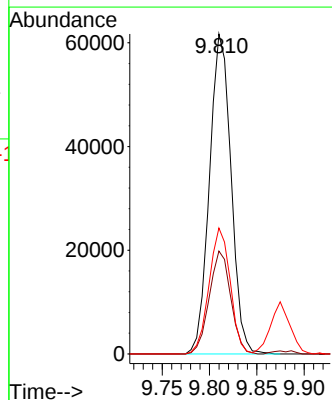
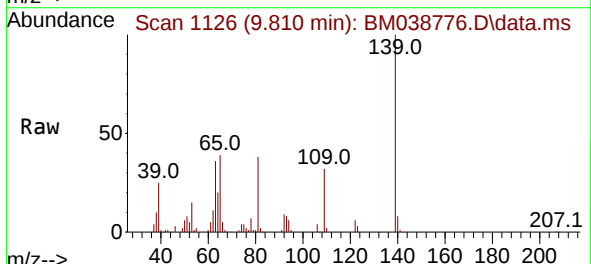
Instrument :
BNA_M
ClientSampleId :
PB150890BS

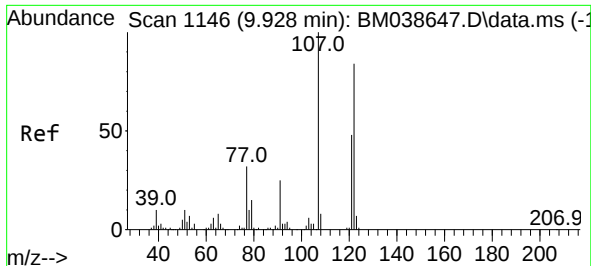
Tgt Ion: 82 Resp: 272072
Ion Ratio Lower Upper
82 100
95 7.5 6.4 9.6
138 23.0 17.0 25.6



#26
2-Nitrophenol
Concen: 41.687 ng
RT: 9.810 min Scan# 1126
Delta R.T. -0.035 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:139 Resp: 97919
Ion Ratio Lower Upper
139 100
109 32.2 24.5 36.7
65 39.3 32.6 49.0

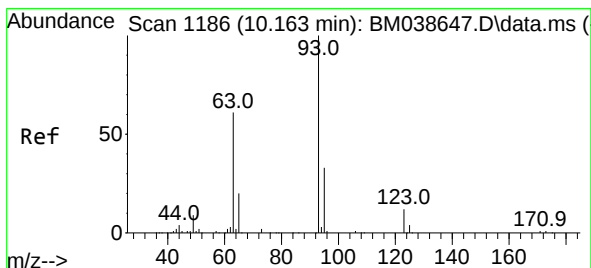
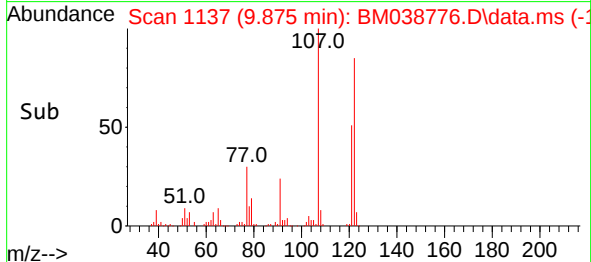
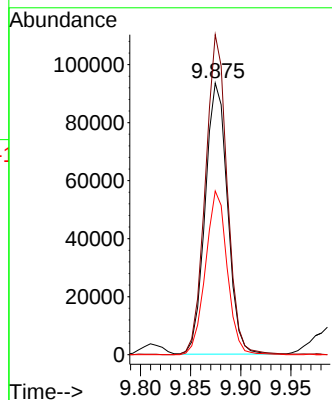
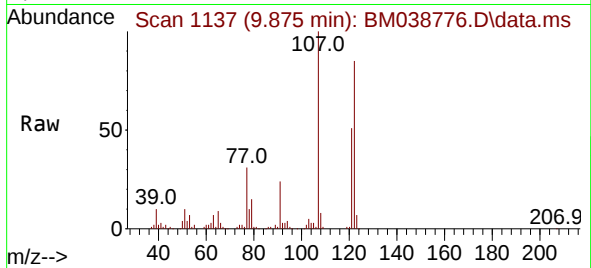




#27
2,4-Dimethylphenol
Concen: 42.849 ng
RT: 9.875 min Scan# 1146
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

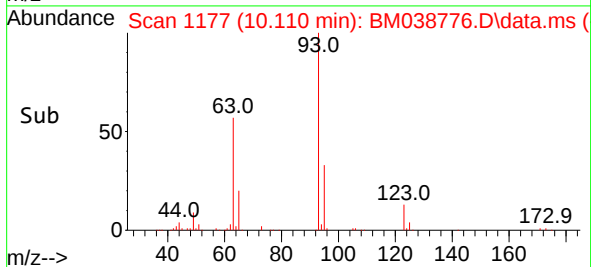
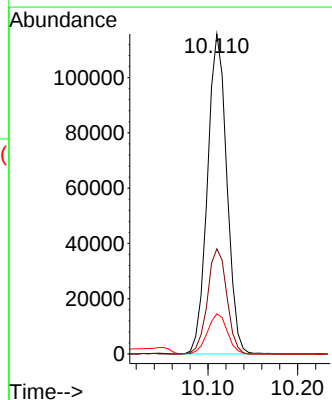
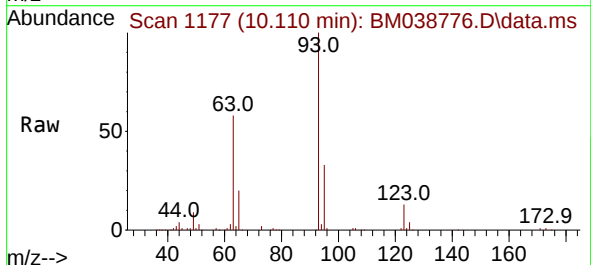
Instrument :
BNA_M
ClientSampleId :
PB150890BS

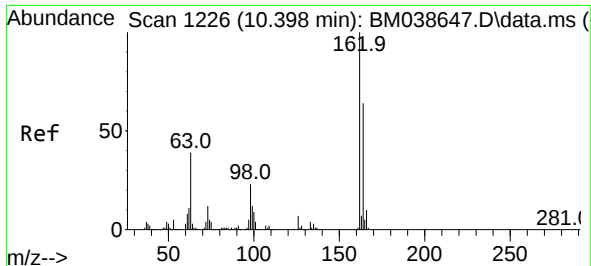
Tgt Ion:122 Resp: 145217
Ion Ratio Lower Upper
122 100
107 117.7 94.9 142.3
121 60.2 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.927 ng
RT: 10.110 min Scan# 1177
Delta R.T. -0.036 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion: 93 Resp: 173318
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 12.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 36.832 ng

RT: 10.351 min Scan# 11

Delta R.T. -0.030 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

Instrument :

BNA_M

ClientSampleId :

PB150890BS

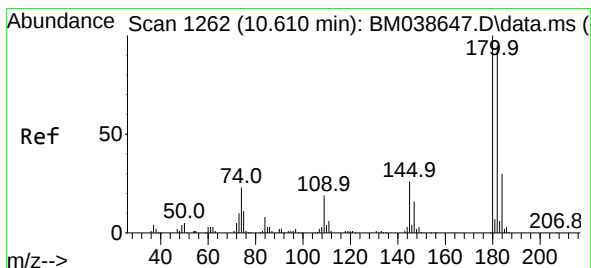
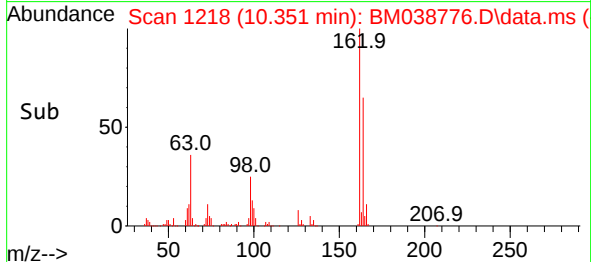
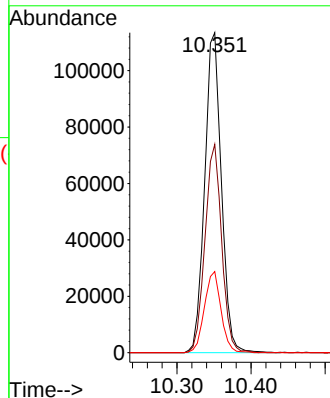
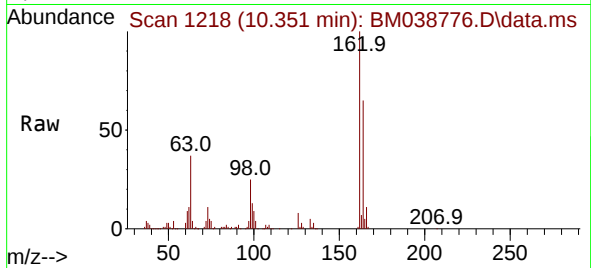
Tgt Ion:162 Resp: 177339

Ion Ratio Lower Upper

162 100

164 65.1 44.3 84.3

98 25.4 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 35.847 ng

RT: 10.557 min Scan# 1253

Delta R.T. -0.030 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

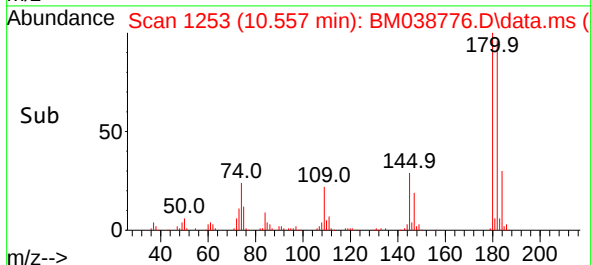
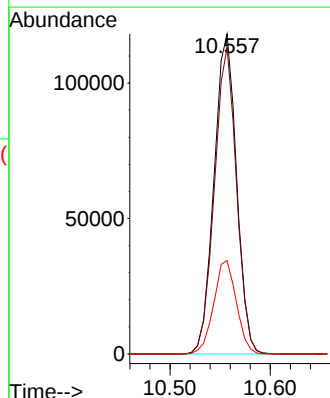
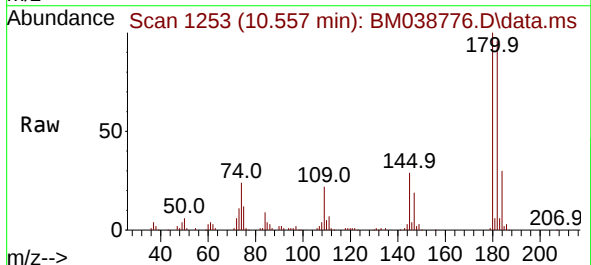
Tgt Ion:180 Resp: 183597

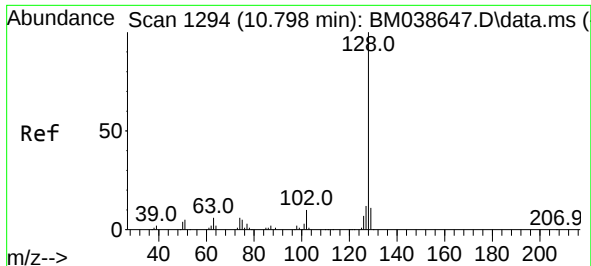
Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.2

145 29.2 20.8 31.2

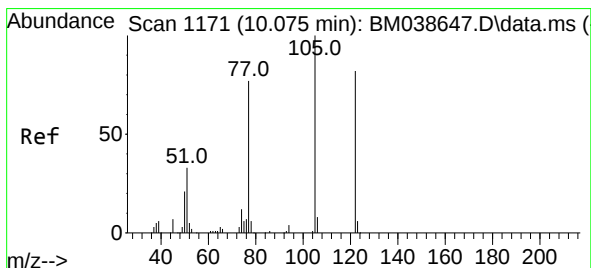
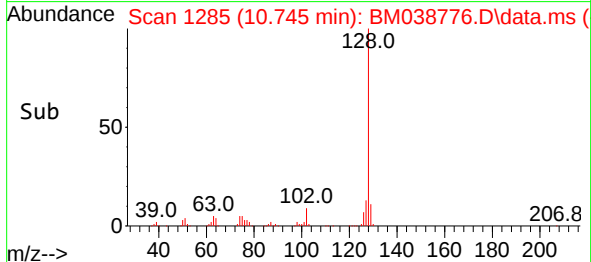
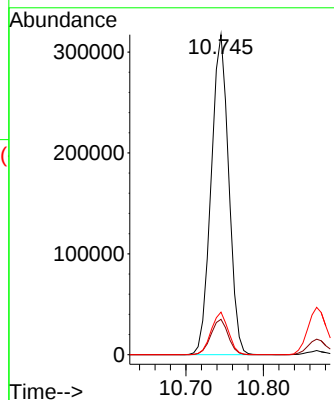
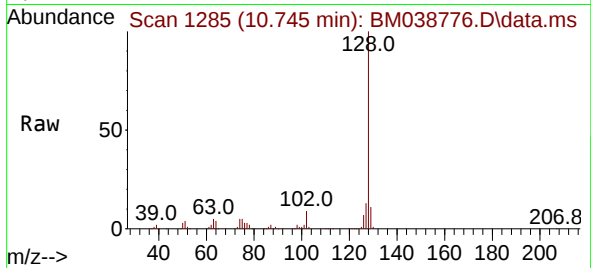




#31
Naphthalene
Concen: 41.102 ng
RT: 10.745 min Scan# 1166
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

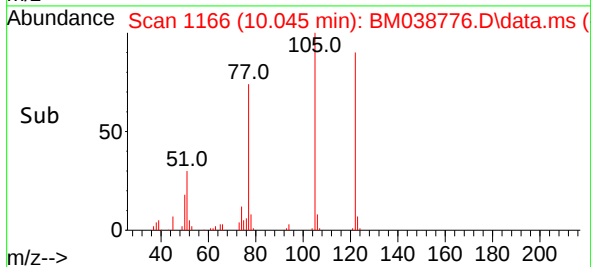
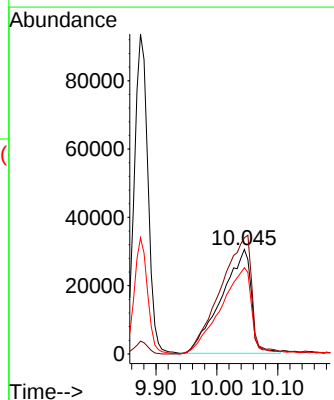
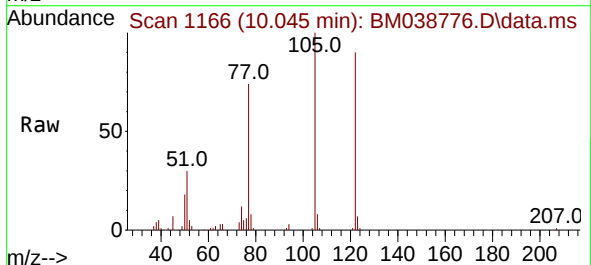
Instrument :
BNA_M
ClientSampleId :
PB150890BS

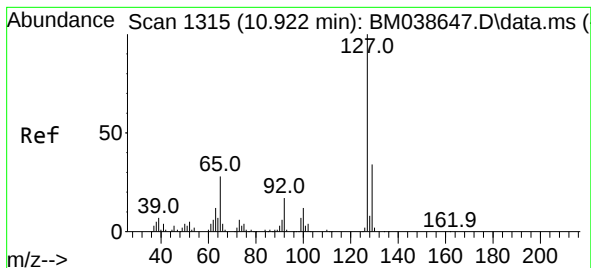
Tgt Ion:128 Resp: 498244
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.3 9.9 14.9



#32
Benzoic acid
Concen: 37.695 ng
RT: 10.045 min Scan# 1166
Delta R.T. -0.018 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:122 Resp: 103414
Ion Ratio Lower Upper
122 100
105 111.2 99.2 139.2
77 82.5 72.3 112.3





#33

4-Chloroaniline

Concen: 15.705 ng

RT: 10.869 min Scan# 11

Delta R.T. -0.030 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

Instrument :

BNA_M

ClientSampleId :

PB150890BS

Tgt Ion:127 Resp: 83433

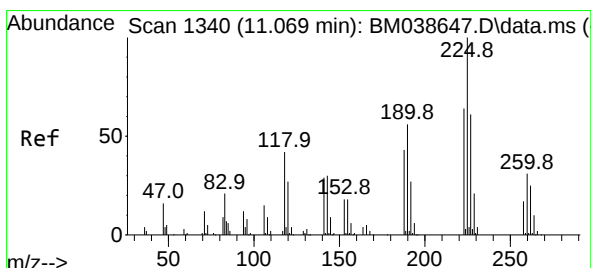
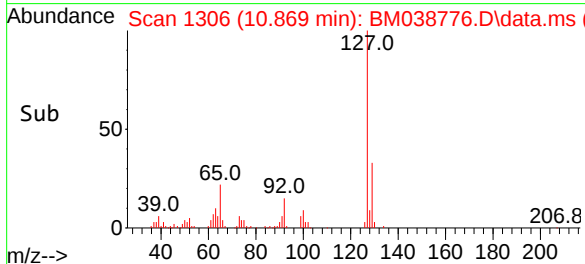
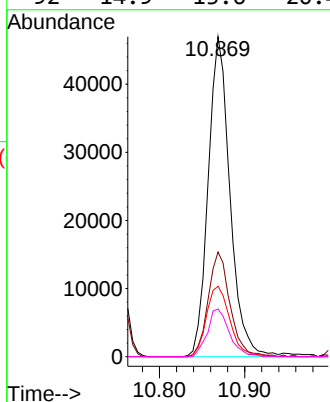
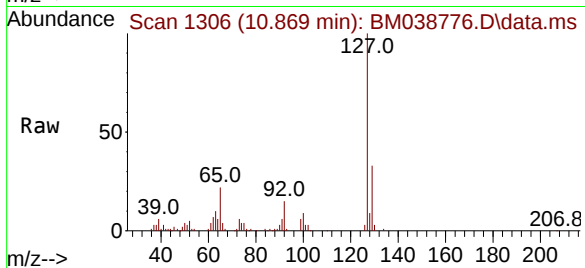
Ion Ratio Lower Upper

127 100

129 32.7 27.1 40.7

65 22.0 22.2 33.4#

92 14.9 13.6 20.4



#34

Hexachlorobutadiene

Concen: 39.837 ng

RT: 11.016 min Scan# 1331

Delta R.T. -0.030 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

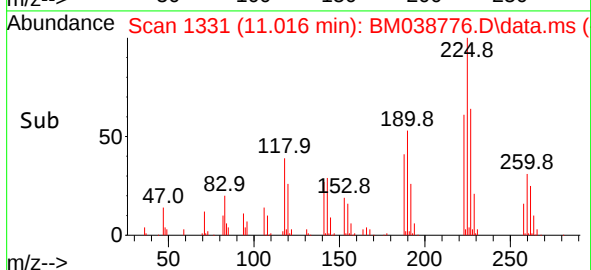
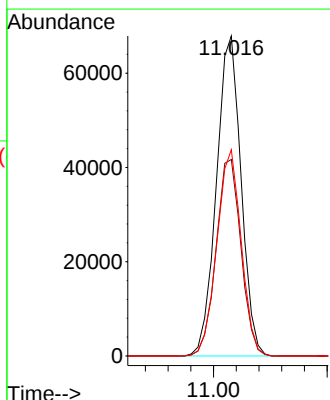
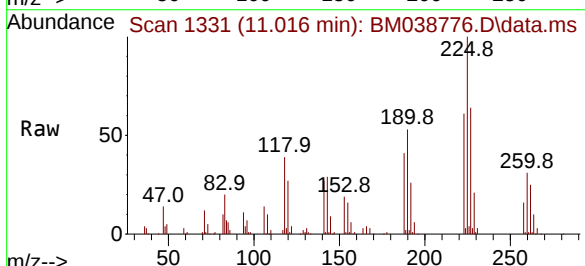
Tgt Ion:225 Resp: 102209

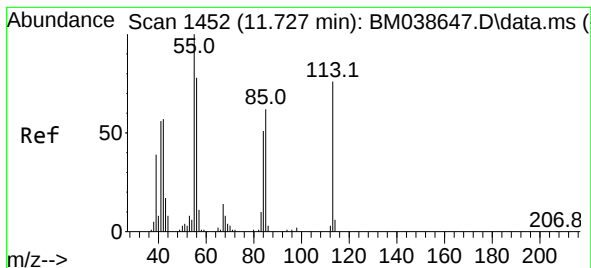
Ion Ratio Lower Upper

225 100

223 61.4 51.0 76.4

227 64.5 49.2 73.8





#35

Caprolactam

Concen: 20.953 ng

RT: 11.680 min Scan# 1444

Delta R.T. -0.024 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

Instrument :

BNA_M

ClientSampleId :

PB150890BS

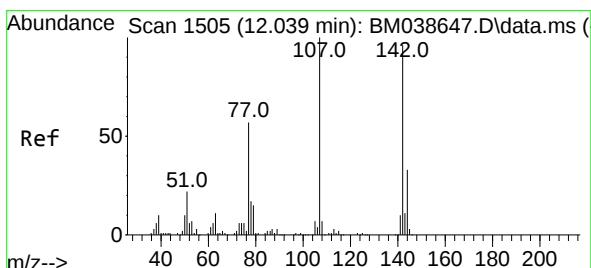
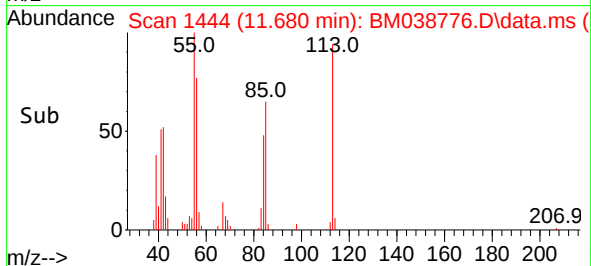
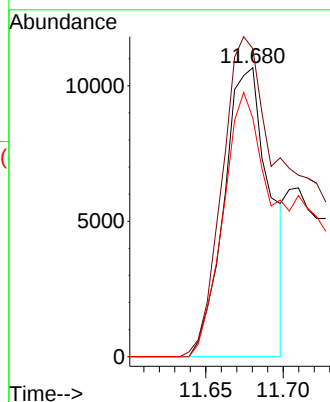
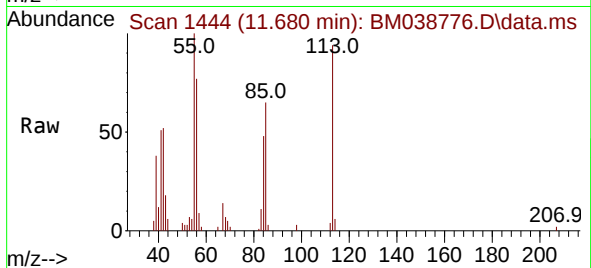
Tgt Ion:113 Resp: 21727

Ion Ratio Lower Upper

113 100

55 106.6 111.2 151.2#

56 82.5 82.0 122.0



#36

4-Chloro-3-methylphenol

Concen: 37.102 ng

RT: 12.004 min Scan# 1499

Delta R.T. -0.024 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

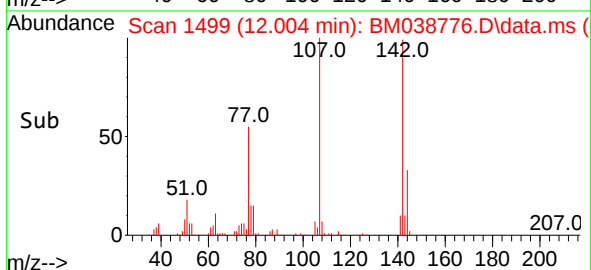
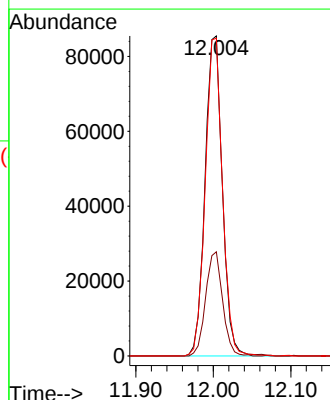
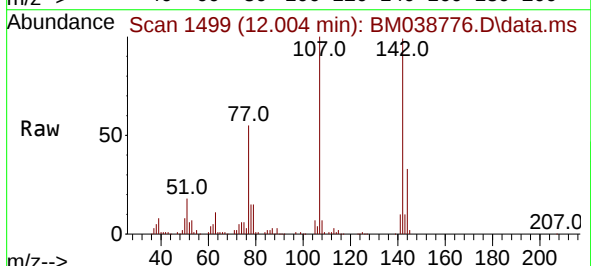
Tgt Ion:107 Resp: 132093

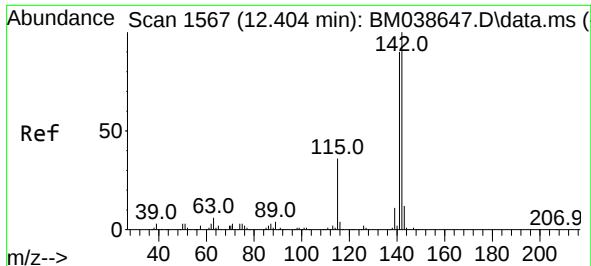
Ion Ratio Lower Upper

107 100

144 32.6 26.5 39.7

142 99.3 77.0 115.6





#37

2-Methylnaphthalene

Concen: 36.978 ng

RT: 12.357 min Scan# 1

Delta R.T. -0.030 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

Instrument :

BNA_M

ClientSampleId :

PB150890BS

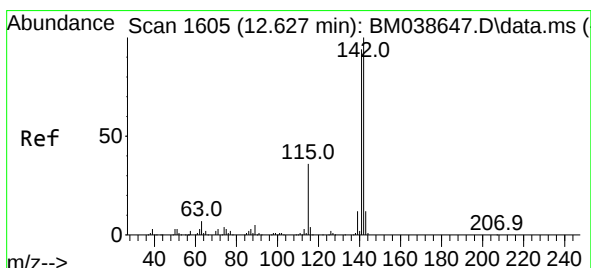
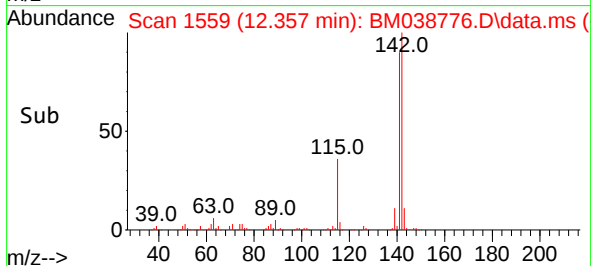
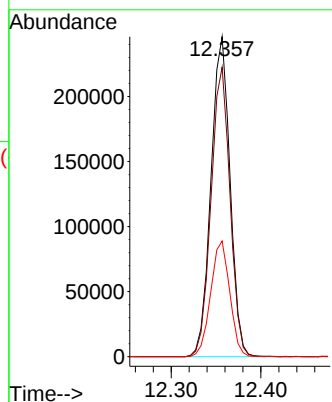
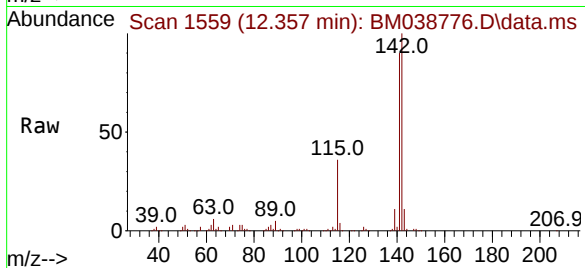
Tgt Ion:142 Resp: 362232

Ion Ratio Lower Upper

142 100

141 90.5 71.8 107.8

115 36.2 28.7 43.1



#38

1-Methylnaphthalene

Concen: 35.916 ng

RT: 12.574 min Scan# 1596

Delta R.T. -0.030 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

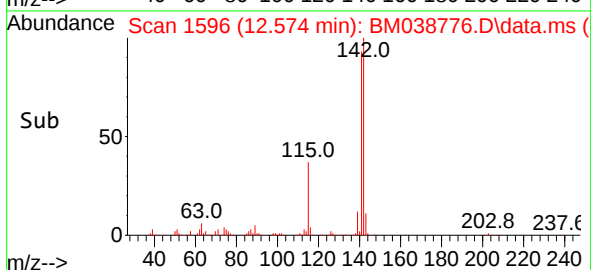
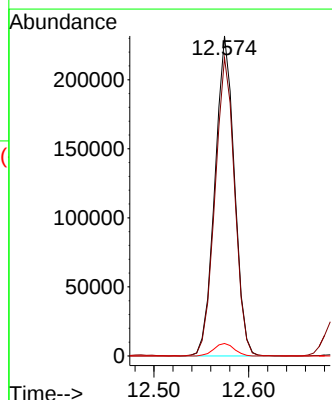
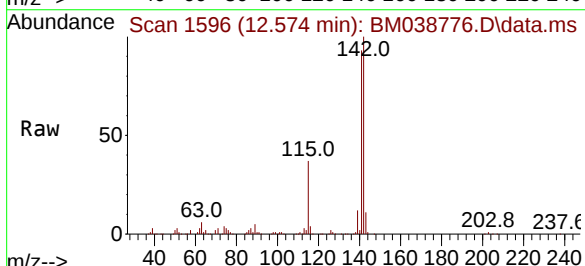
Tgt Ion:142 Resp: 331527

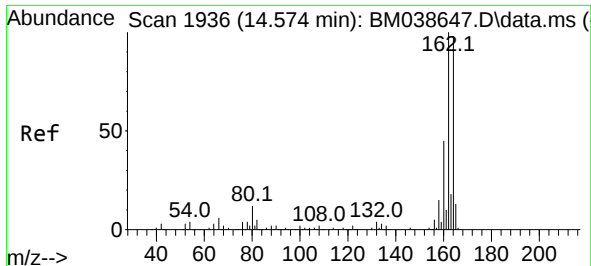
Ion Ratio Lower Upper

142 100

141 93.2 75.5 113.3

116 3.9 3.1 4.7

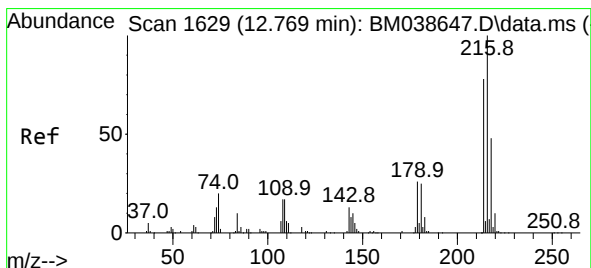
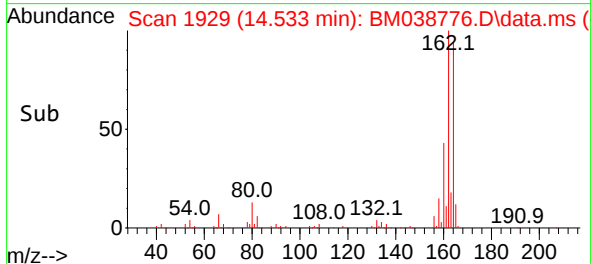
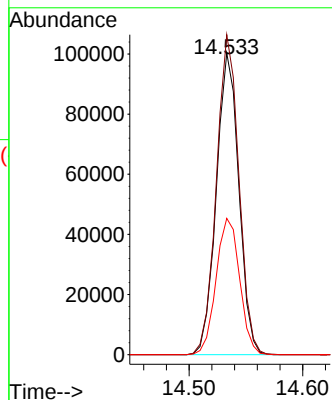
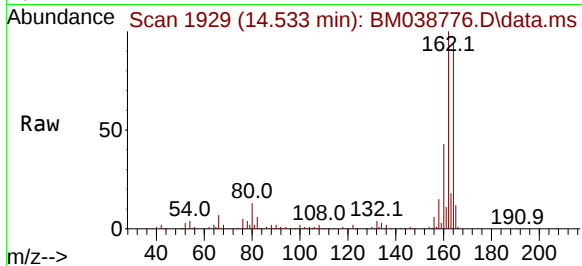




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1936
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

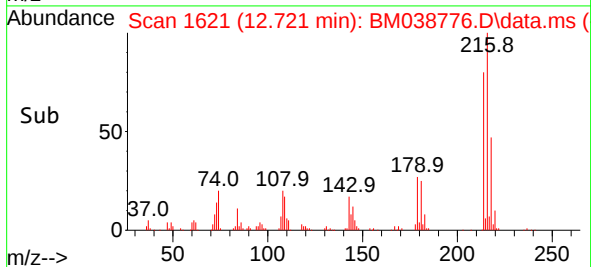
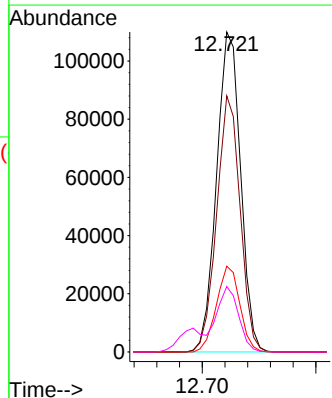
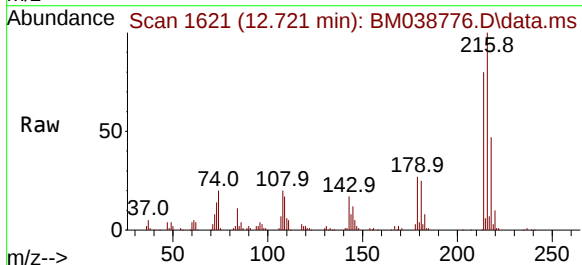
Instrument :
BNA_M
ClientSampleId :
PB150890BS

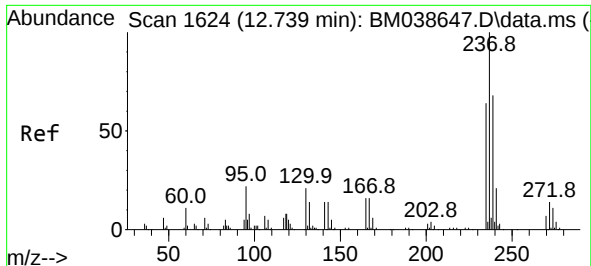
Tgt Ion:164 Resp: 137908
Ion Ratio Lower Upper
164 100
162 106.1 81.4 122.0
160 45.2 36.5 54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.000 ng
RT: 12.721 min Scan# 1621
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

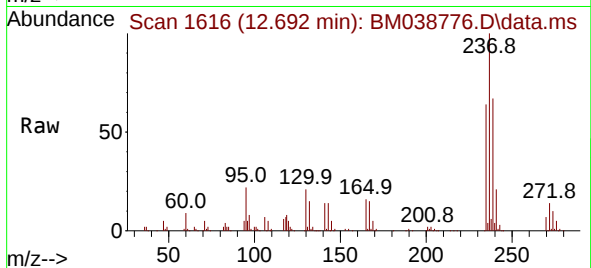
Tgt Ion:216 Resp: 161510
Ion Ratio Lower Upper
216 100
214 78.1 63.4 95.0
179 26.1 21.0 31.4
108 18.4 16.8 25.2



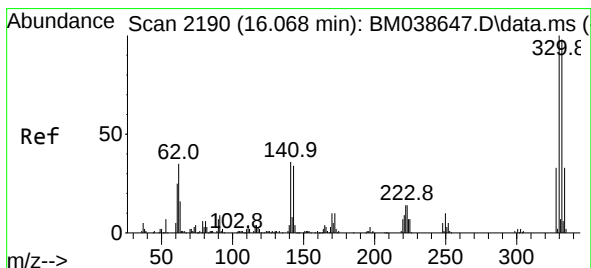
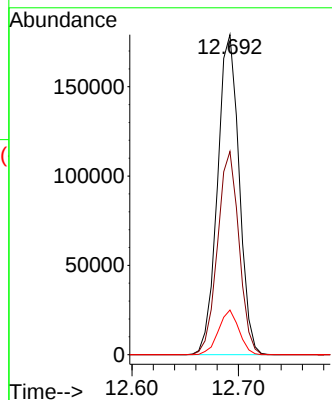
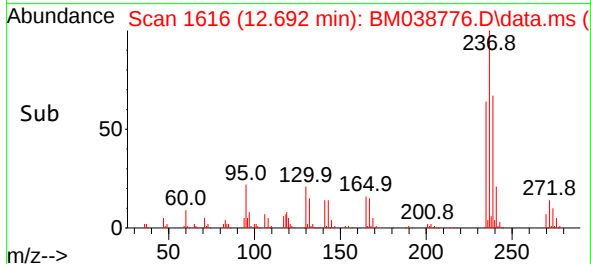


#41
Hexachlorocyclopentadiene
Concen: 113.232 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

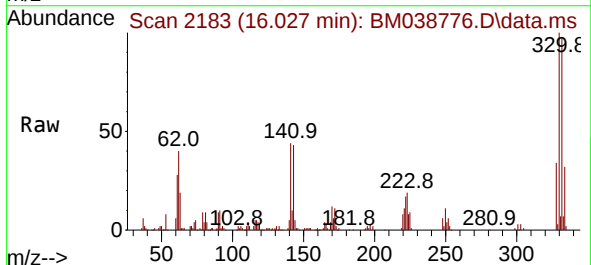
Instrument :
BNA_M
ClientSampleId :
PB150890BS



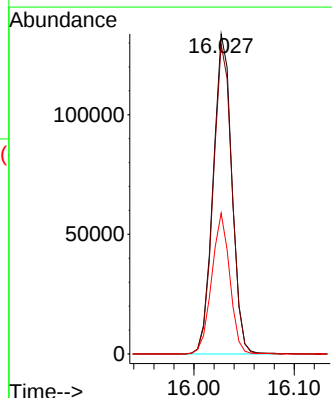
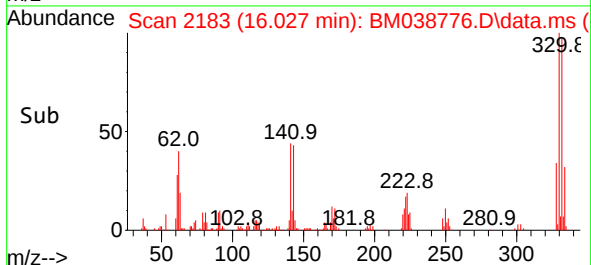
Tgt Ion:237 Resp: 252186
Ion Ratio Lower Upper
237 100
235 63.5 43.8 83.8
272 14.0 0.0 33.8

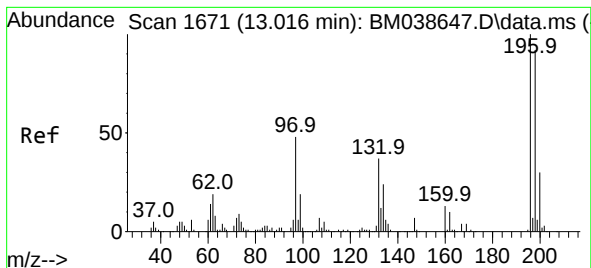


#42
2,4,6-Tribromophenol
Concen: 92.151 ng
RT: 16.027 min Scan# 2183
Delta R.T. -0.024 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45



Tgt Ion:330 Resp: 172735
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.6
141 42.5 31.0 46.6





#43

2,4,6-Trichlorophenol

Concen: 41.595 ng

RT: 12.974 min Scan# 1

Delta R.T. -0.024 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

Instrument :

BNA_M

ClientSampleId :

PB150890BS

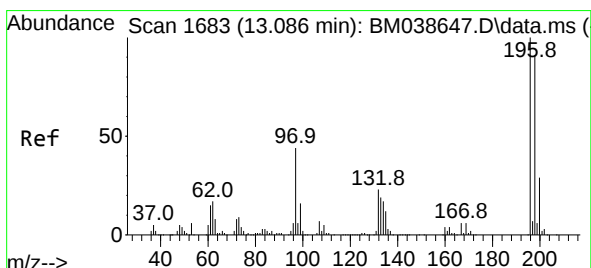
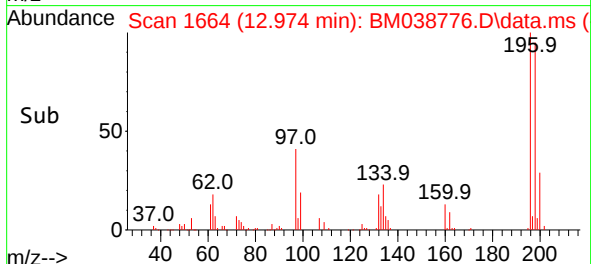
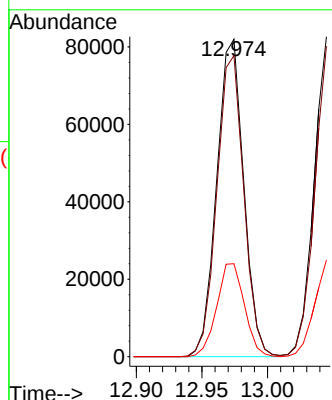
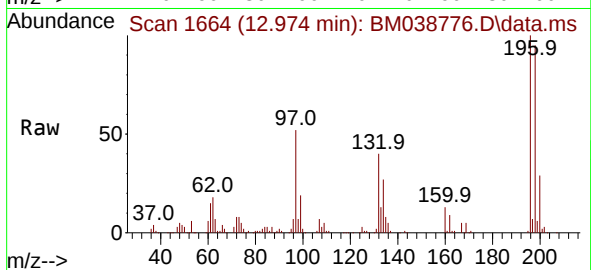
Tgt Ion:196 Resp: 117282

Ion Ratio Lower Upper

196 100

198 94.9 73.7 110.5

200 29.3 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 37.632 ng

RT: 13.045 min Scan# 1676

Delta R.T. -0.030 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

Tgt Ion:196 Resp: 124866

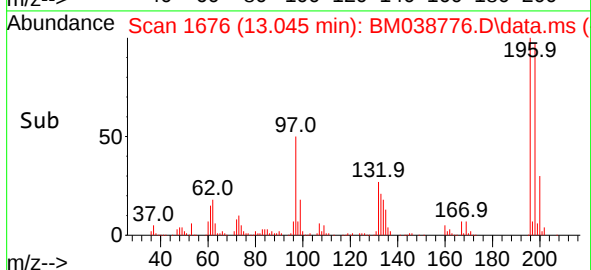
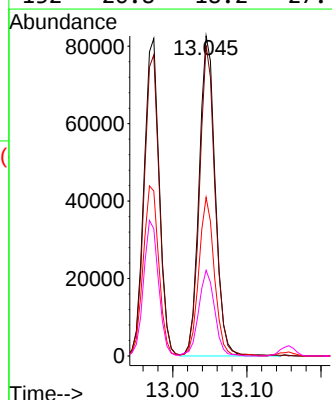
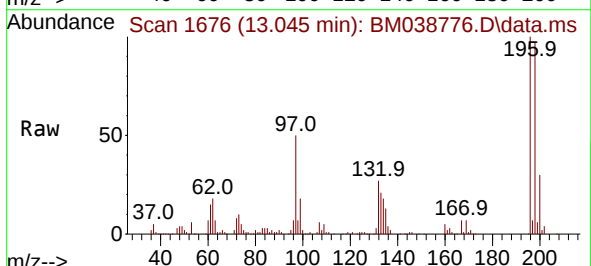
Ion Ratio Lower Upper

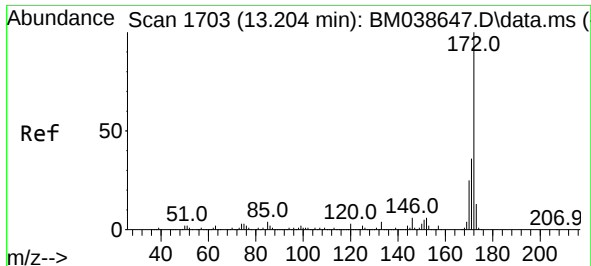
196 100

198 97.1 73.1 109.7

97 49.5 35.5 53.3

132 26.8 18.2 27.4

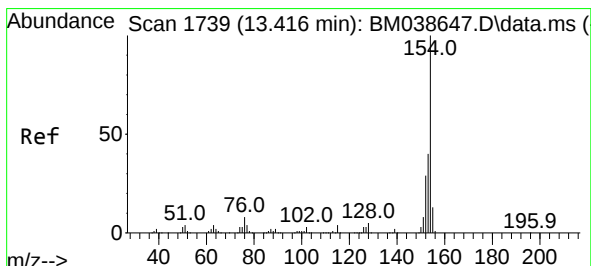
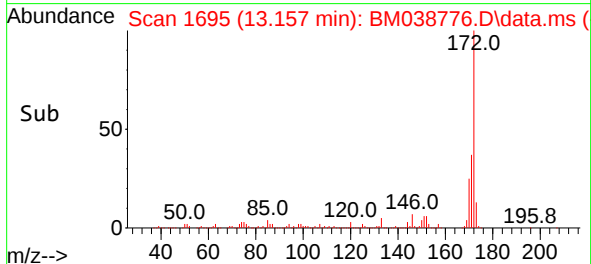
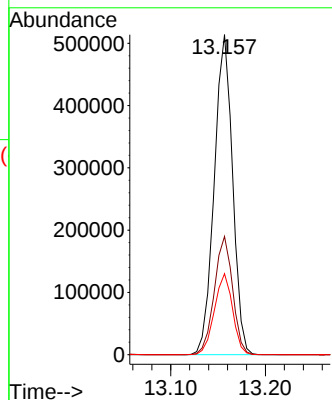
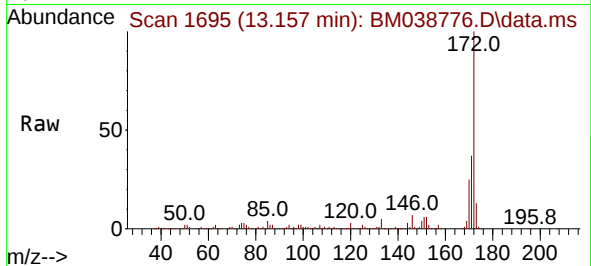




#45
2-Fluorobiphenyl
Concen: 63.713 ng
RT: 13.157 min Scan# 1
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

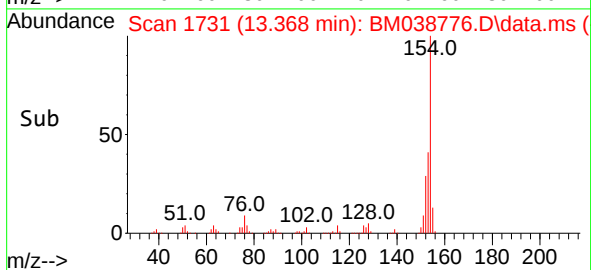
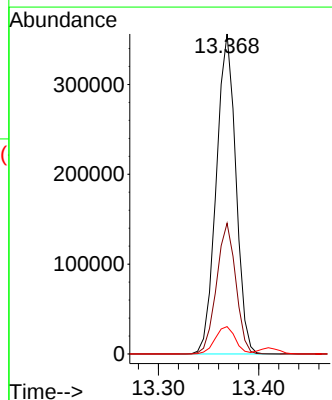
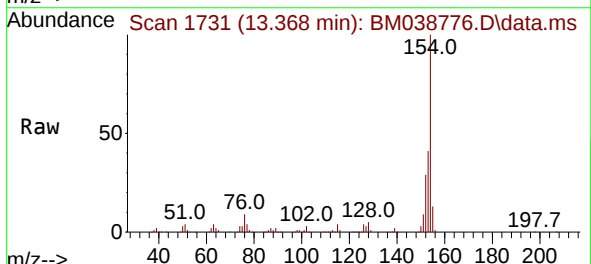
Instrument :
BNA_M
ClientSampleId :
PB150890BS

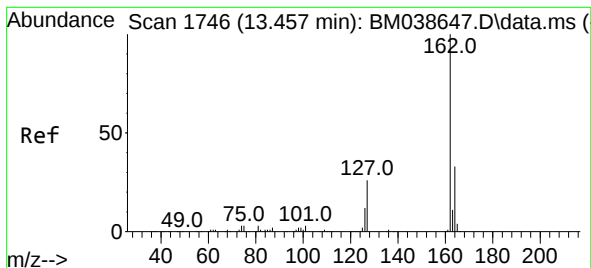
Tgt Ion:172 Resp: 690170
Ion Ratio Lower Upper
172 100
171 37.0 28.7 43.1
170 25.3 20.0 30.0



#46
1,1'-Biphenyl
Concen: 44.107 ng
RT: 13.368 min Scan# 1731
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:154 Resp: 481837
Ion Ratio Lower Upper
154 100
153 40.9 19.9 59.9
76 8.6 0.0 27.9





#47

2-Chloronaphthalene

Concen: 43.953 ng

RT: 13.410 min Scan# 11

Delta R.T. -0.030 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

Instrument :

BNA_M

ClientSampleId :

PB150890BS

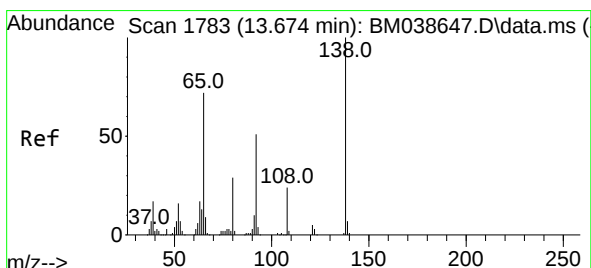
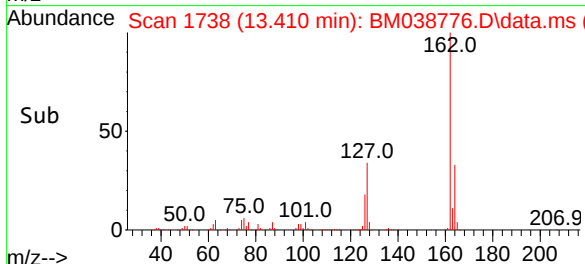
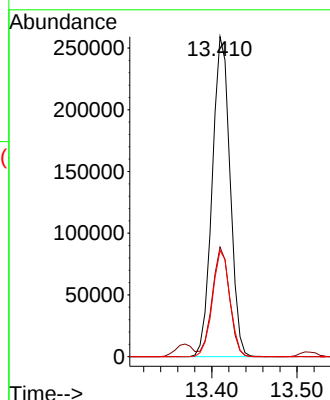
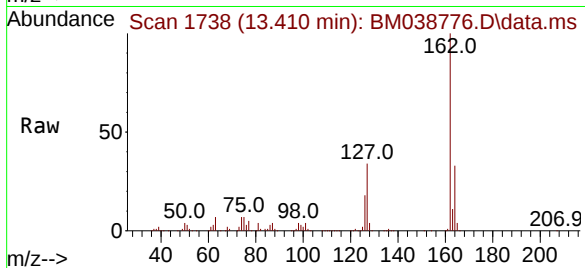
Tgt Ion:162 Resp: 377828

Ion Ratio Lower Upper

162 100

127 34.3 23.6 35.4

164 33.2 26.7 40.1



#48

2-Nitroaniline

Concen: 37.602 ng

RT: 13.627 min Scan# 1775

Delta R.T. -0.030 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

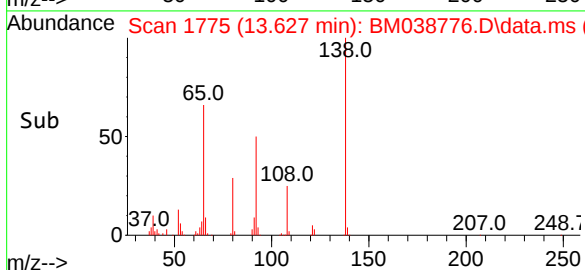
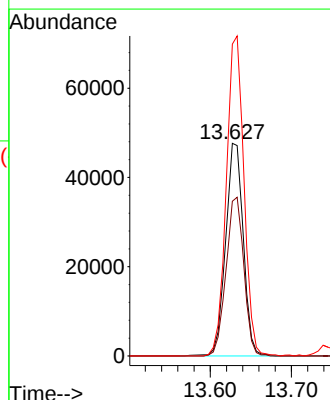
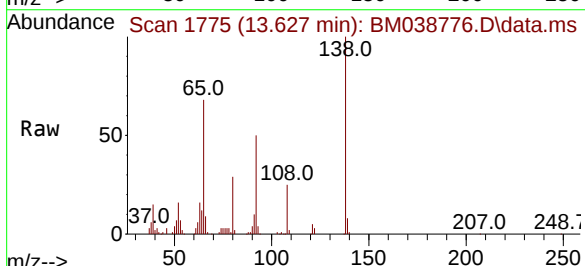
Tgt Ion: 65 Resp: 71993

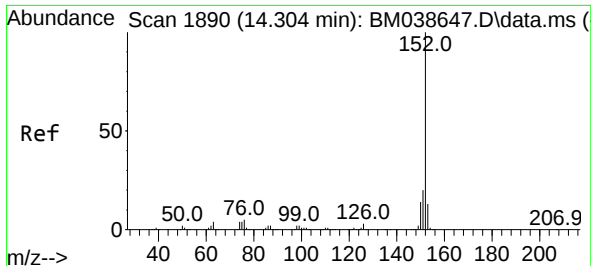
Ion Ratio Lower Upper

65 100

92 72.8 55.9 83.9

138 146.7 110.6 166.0

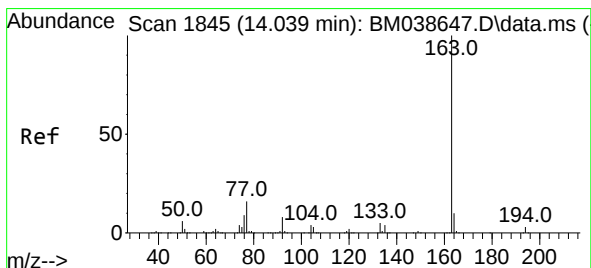
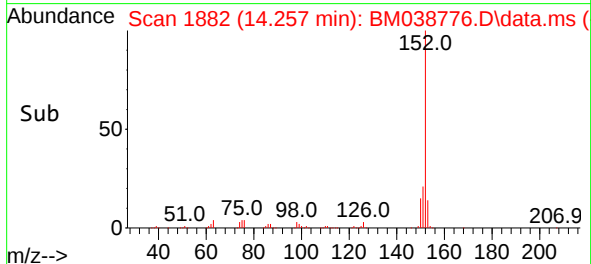
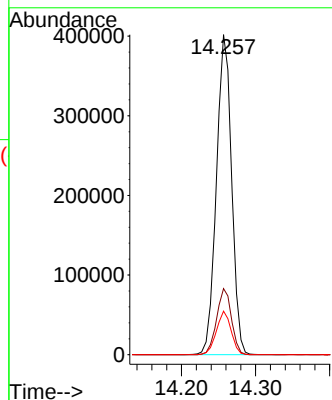
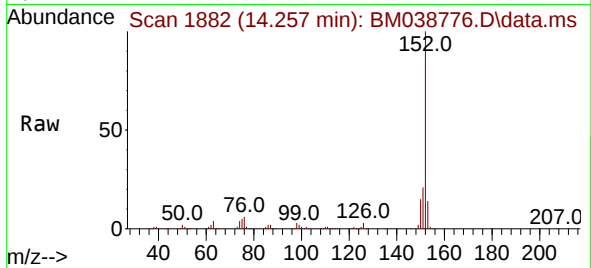




#49
Acenaphthylene
Concen: 42.209 ng
RT: 14.257 min Scan# 1882
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

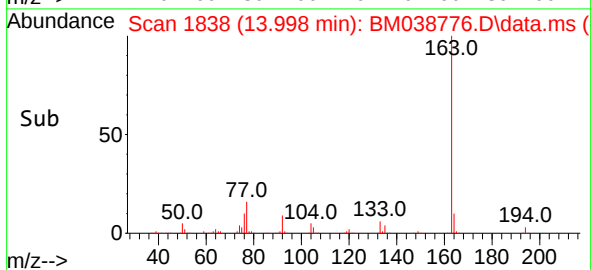
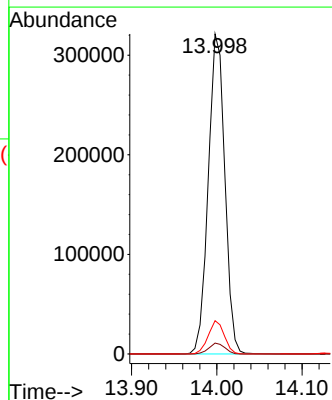
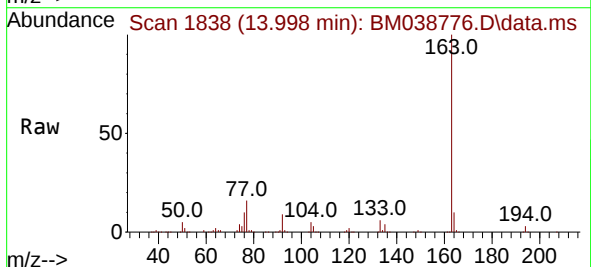
Instrument :
BNA_M
ClientSampleId :
PB150890BS

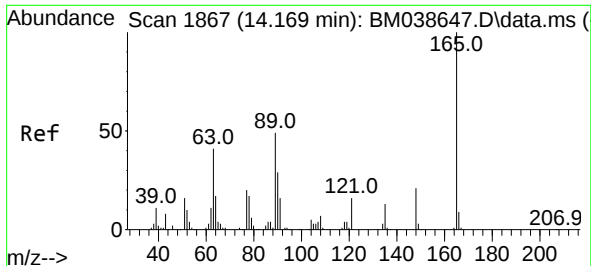
Tgt Ion:152 Resp: 571488
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 13.6 10.0 15.0



#50
Dimethylphthalate
Concen: 38.549 ng
RT: 13.998 min Scan# 1838
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:163 Resp: 433836
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.4 8.2 12.4

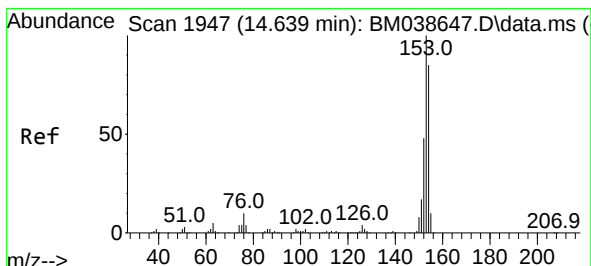
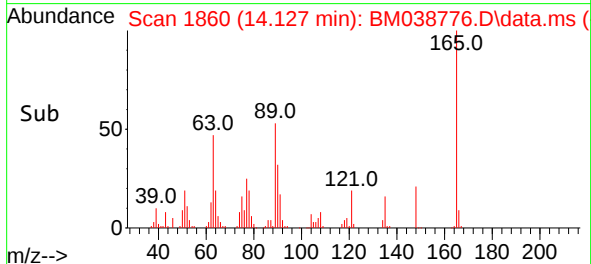
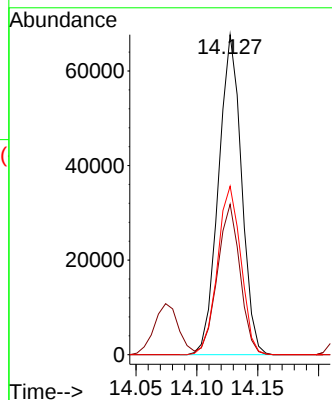
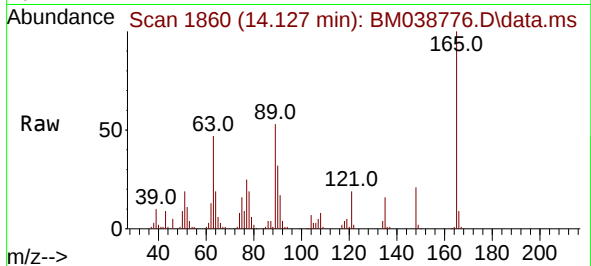




#51
2,6-Dinitrotoluene
Concen: 38.912 ng
RT: 14.127 min Scan# 1860
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

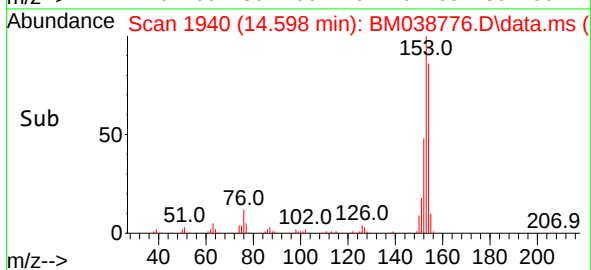
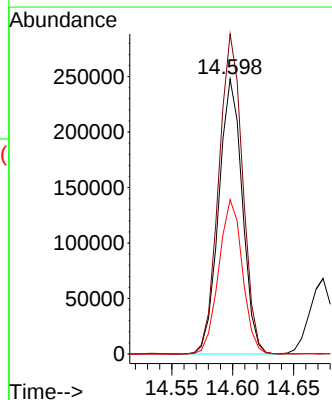
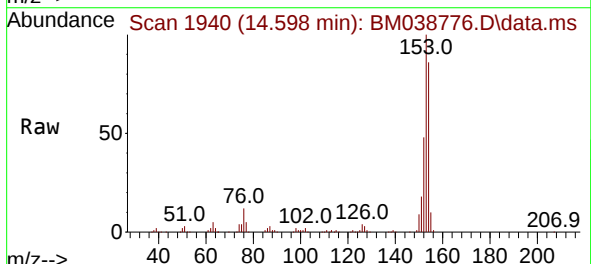
Instrument :
BNA_M
ClientSampleId :
PB150890BS

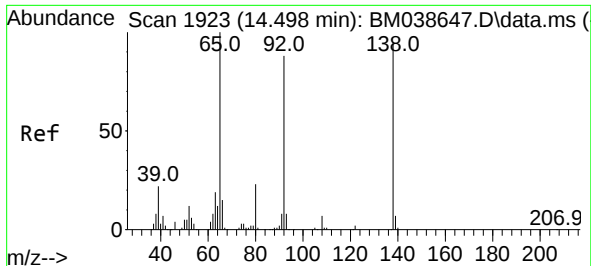
Tgt Ion:165 Resp: 89006
Ion Ratio Lower Upper
165 100
63 47.0 35.8 53.8
89 52.7 39.3 58.9



#52
Acenaphthene
Concen: 41.230 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:154 Resp: 333325
Ion Ratio Lower Upper
154 100
153 116.4 93.7 140.5
152 56.1 44.6 67.0

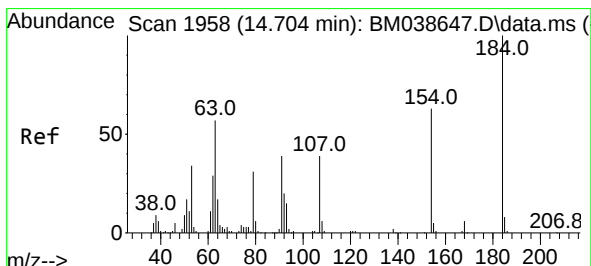
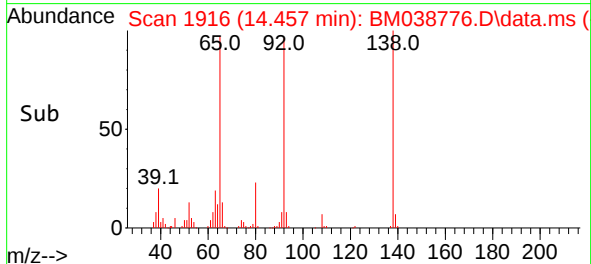
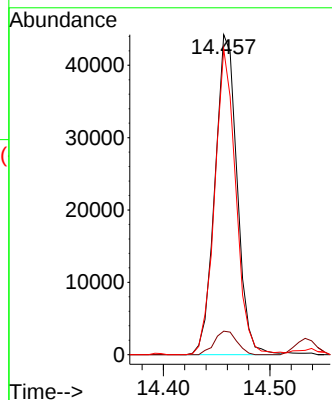
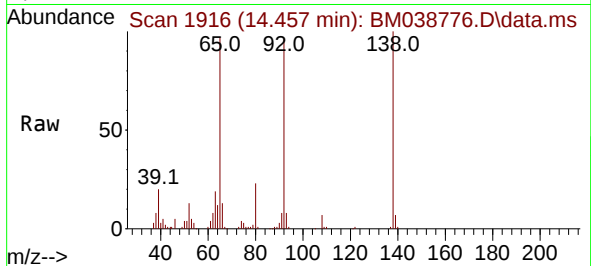




#53
3-Nitroaniline
Concen: 27.325 ng
RT: 14.457 min Scan# 1916
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

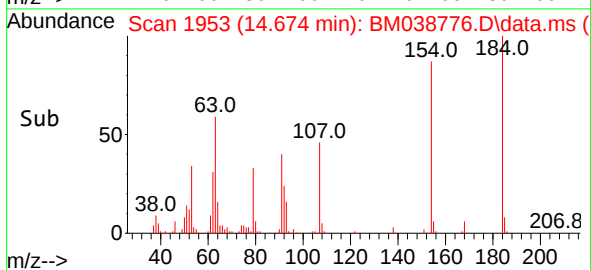
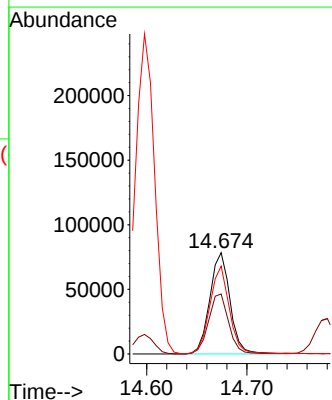
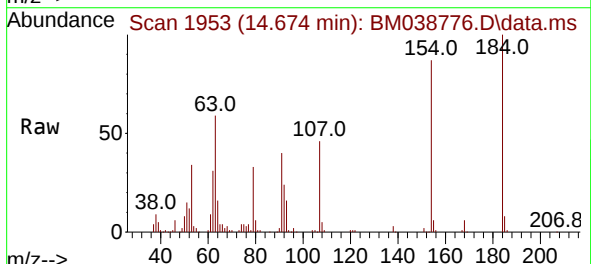
Instrument :
BNA_M
ClientSampleId :
PB150890BS

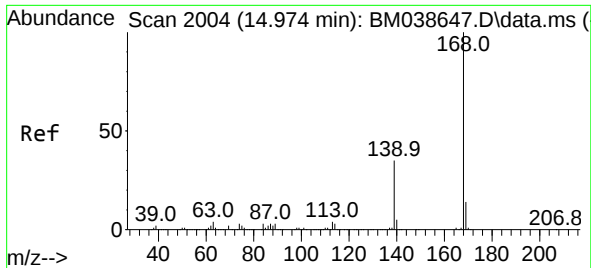
Tgt Ion:138 Resp: 63675
Ion Ratio Lower Upper
138 100
108 7.3 5.8 8.8
92 95.5 73.9 110.9



#54
2,4-Dinitrophenol
Concen: 73.768 ng
RT: 14.674 min Scan# 1953
Delta R.T. -0.024 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:184 Resp: 109828
Ion Ratio Lower Upper
184 100
63 59.2 45.9 68.9
154 86.7 54.9 82.3#

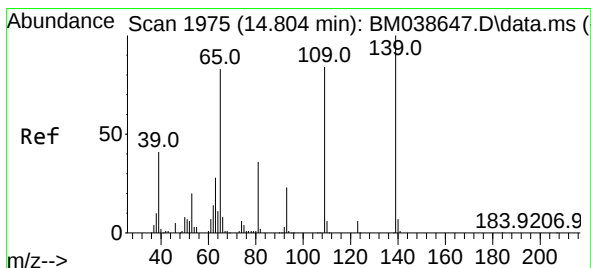
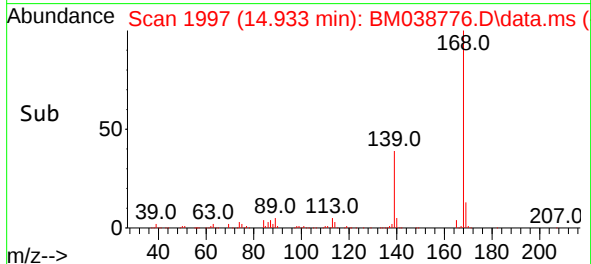
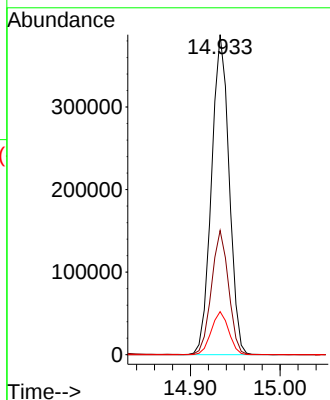
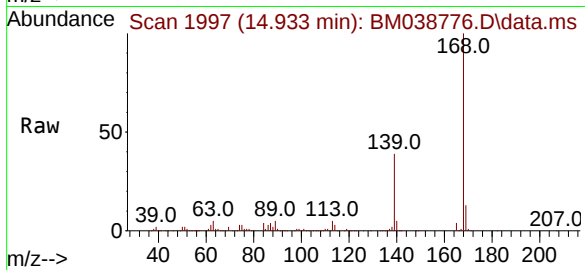




#55
Dibenzenofuran
Concen: 37.936 ng
RT: 14.933 min Scan# 1997
Delta R.T. -0.024 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

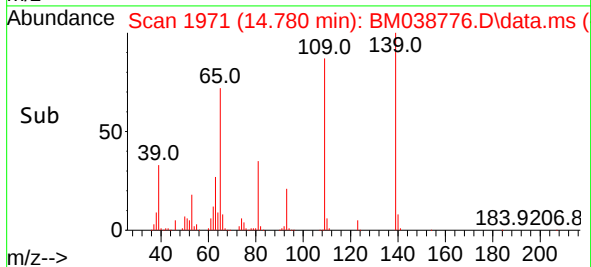
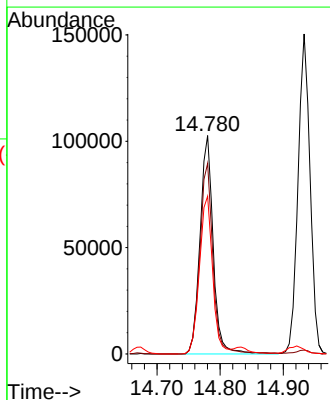
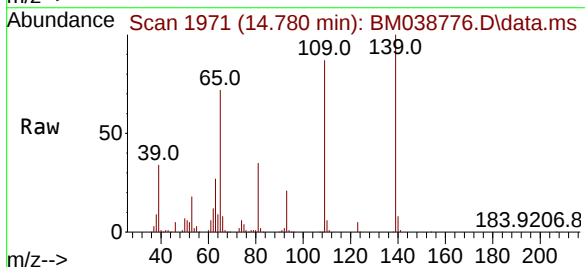
Instrument :
BNA_M
ClientSampleId :
PB150890BS

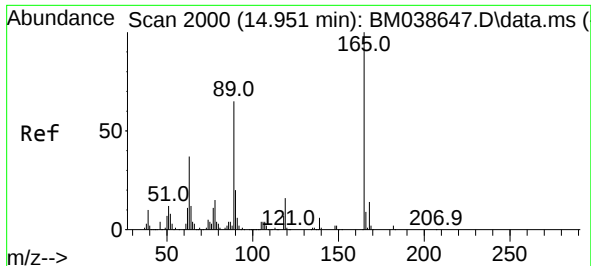
Tgt Ion:168 Resp: 528139
Ion Ratio Lower Upper
168 100
139 38.8 27.8 41.6
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 81.356 ng
RT: 14.780 min Scan# 1971
Delta R.T. -0.018 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

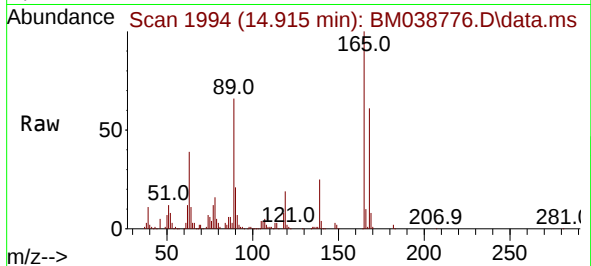
Tgt Ion:139 Resp: 149248
Ion Ratio Lower Upper
139 100
109 87.3 63.8 103.8
65 72.2 62.5 102.5



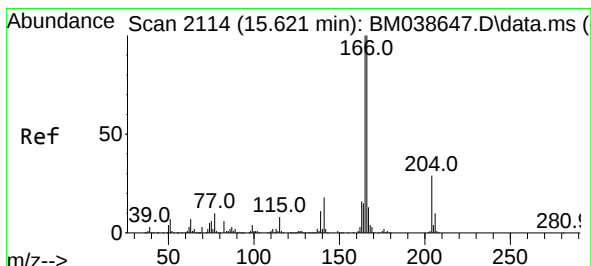
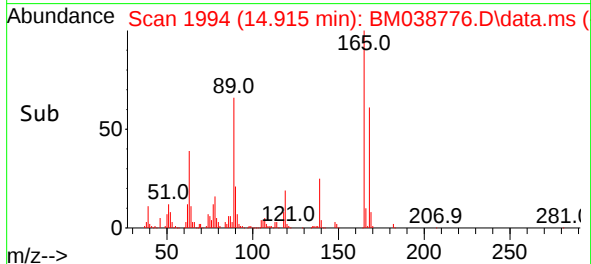
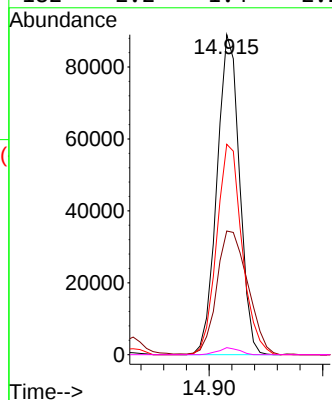


#57
2,4-Dinitrotoluene
Concen: 36.761 ng
RT: 14.915 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Instrument :
BNA_M
ClientSampleId :
PB150890BS

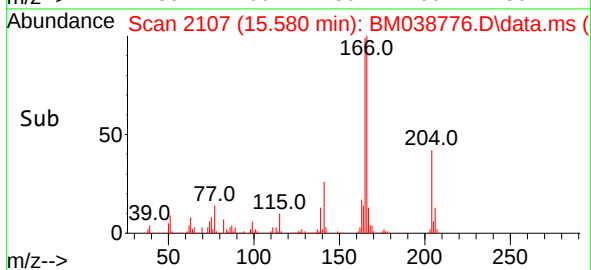
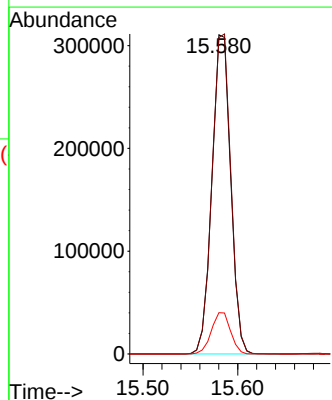
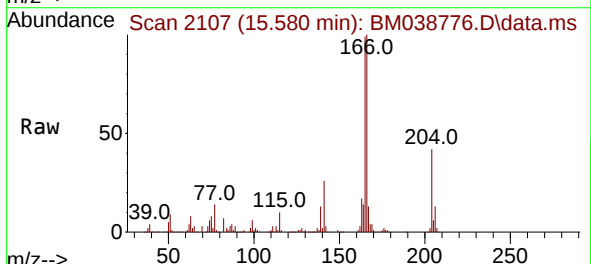


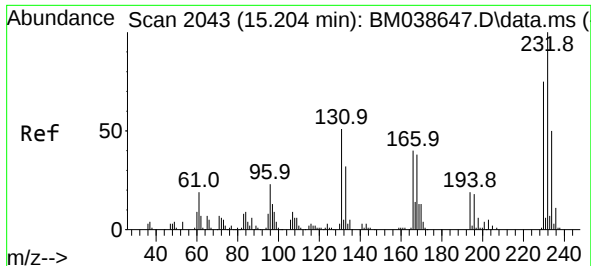
Tgt Ion:165 Resp: 122739
Ion Ratio Lower Upper
165 100
63 38.7 29.4 44.0
89 65.7 51.8 77.6
182 2.2 1.4 2.2#



#58
Fluorene
Concen: 38.587 ng
RT: 15.580 min Scan# 2107
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:166 Resp: 425046
Ion Ratio Lower Upper
166 100
165 99.1 80.2 120.4
167 12.9 10.7 16.1

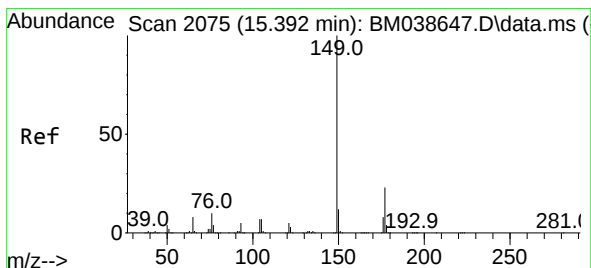
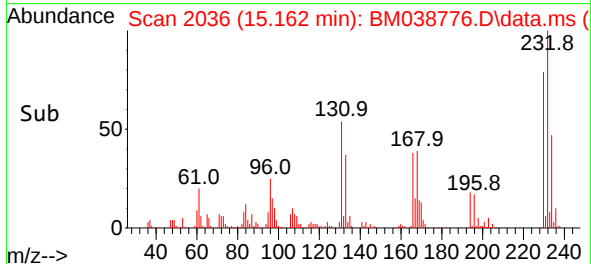
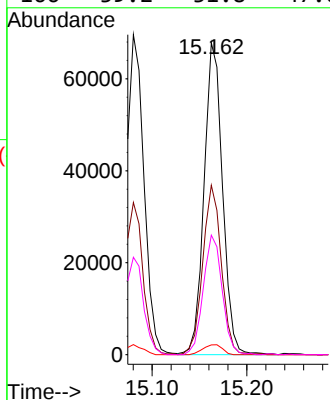
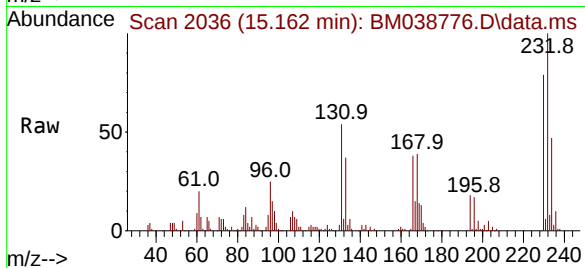




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.736 ng
RT: 15.162 min Scan# 2043
Delta R.T. -0.024 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

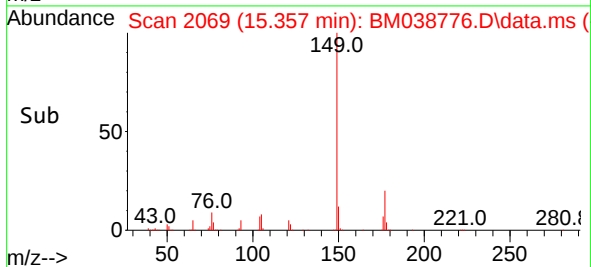
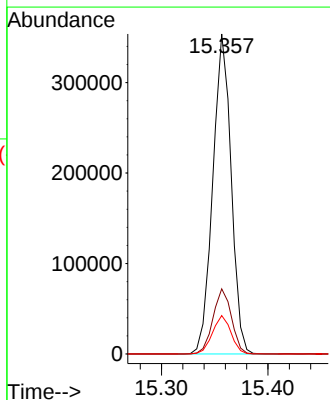
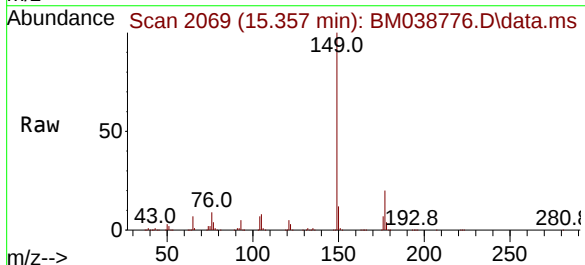
Instrument :
BNA_M
ClientSampleId :
PB150890BS

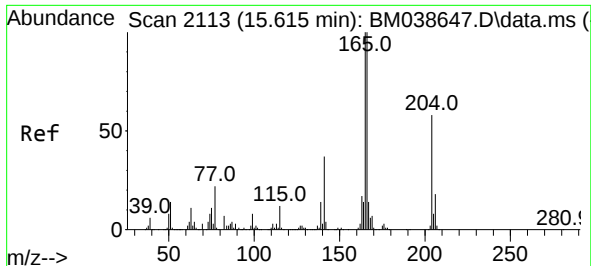
Tgt Ion:232 Resp: 91765
Ion Ratio Lower Upper
232 100
131 54.6 41.2 61.8
130 3.4 2.4 3.6
166 39.2 31.8 47.6



#60
Diethylphthalate
Concen: 39.686 ng
RT: 15.357 min Scan# 2069
Delta R.T. -0.024 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:149 Resp: 423110
Ion Ratio Lower Upper
149 100
177 20.4 18.1 27.1
150 12.0 10.0 15.0

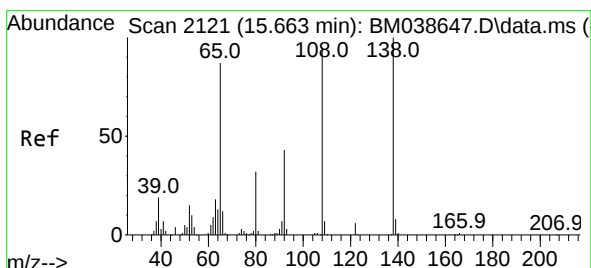
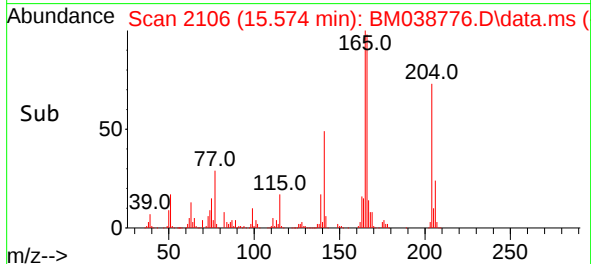
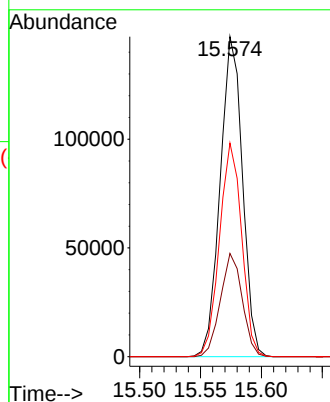
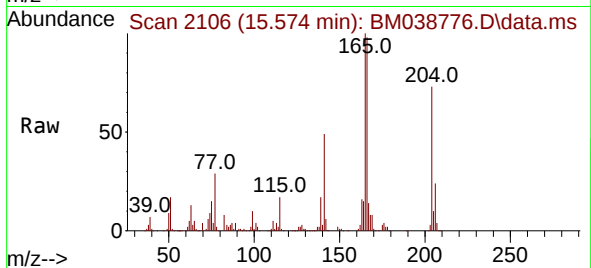




#61
4-Chlorophenyl-phenylether
Concen: 40.144 ng
RT: 15.574 min Scan# 2110
Delta R.T. -0.030 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

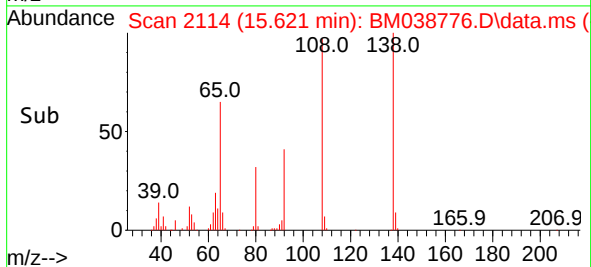
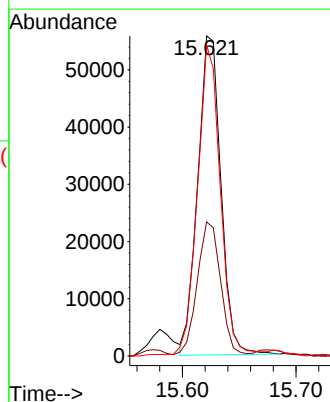
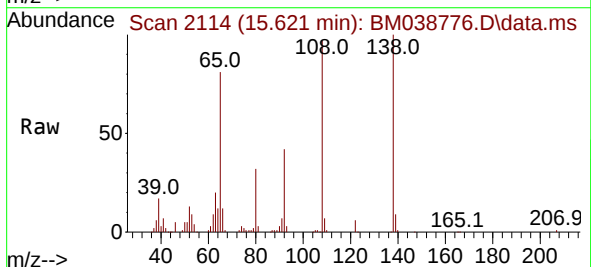
Instrument :
BNA_M
ClientSampleId :
PB150890BS

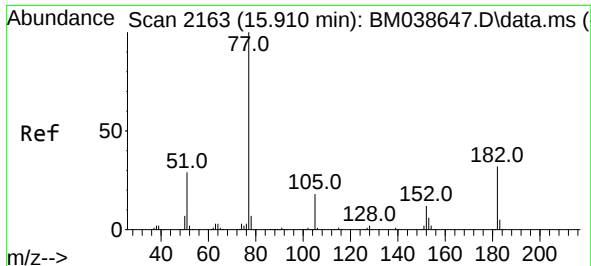
Tgt Ion:204 Resp: 187597
Ion Ratio Lower Upper
204 100
206 32.2 25.3 37.9
141 66.8 51.3 76.9



#62
4-Nitroaniline
Concen: 32.820 ng
RT: 15.621 min Scan# 2114
Delta R.T. -0.024 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:138 Resp: 79155
Ion Ratio Lower Upper
138 100
92 41.9 23.4 63.4
108 97.2 75.1 115.1

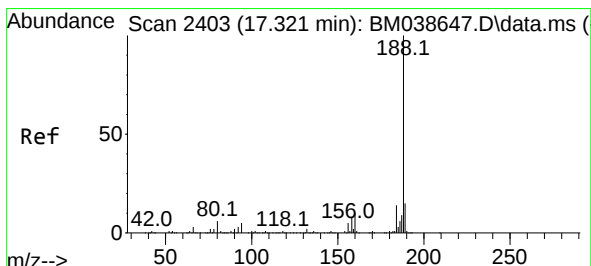
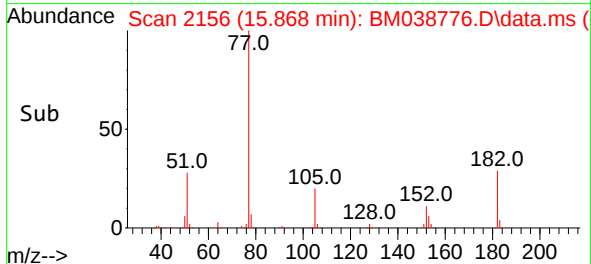
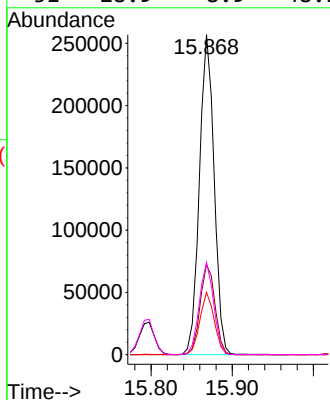
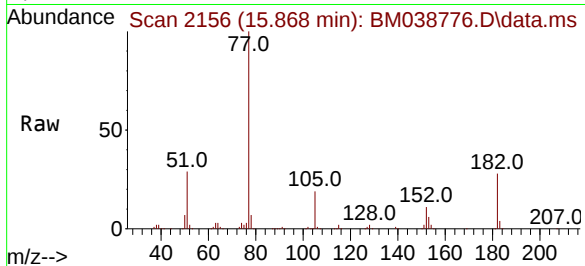




#63
Azobenzene
Concen: 39.455 ng
RT: 15.868 min Scan# 2163
Delta R.T. -0.024 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

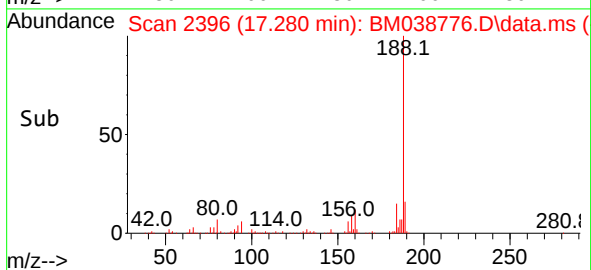
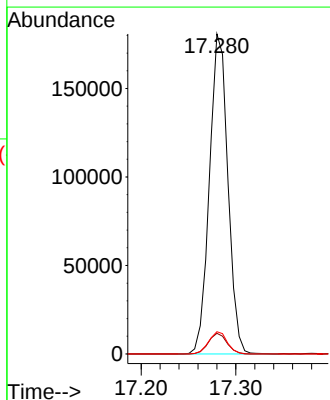
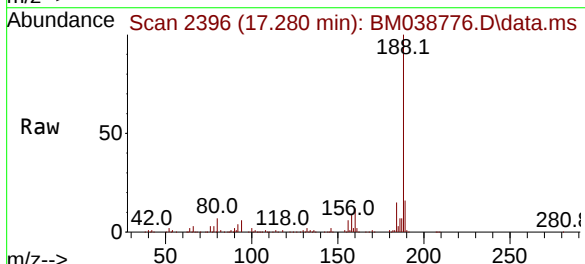
Instrument :
BNA_M
ClientSampleId :
PB150890BS

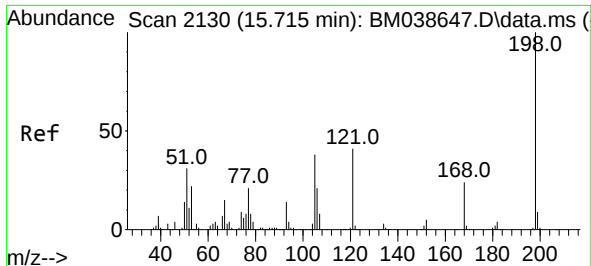
Tgt Ion:	77	Resp:	323635
Ion	Ratio	Lower	Upper
77	100		
182	28.1	12.0	52.0
105	19.5	0.0	37.5
51	28.9	8.9	48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2396
Delta R.T. -0.024 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:	188	Resp:	244496
Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.2	6.4#
80	6.9	4.6	7.0

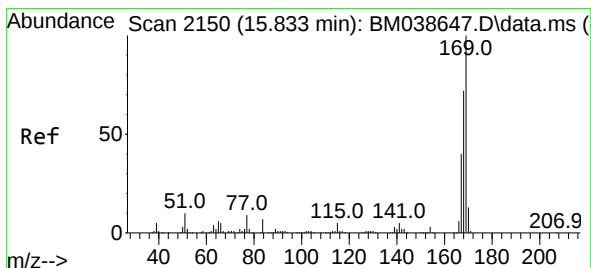
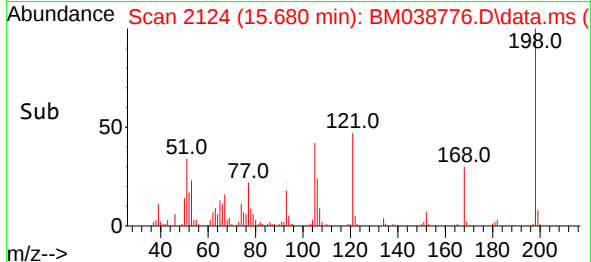
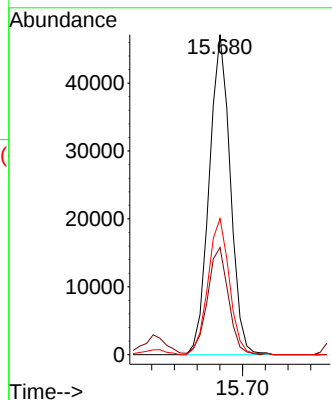
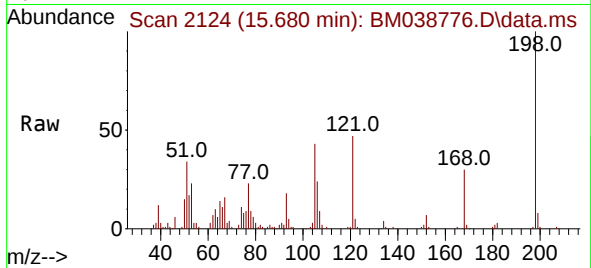




#65
4,6-Dinitro-2-methylphenol
Concen: 39.416 ng
RT: 15.680 min Scan# 2114
Delta R.T. -0.024 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

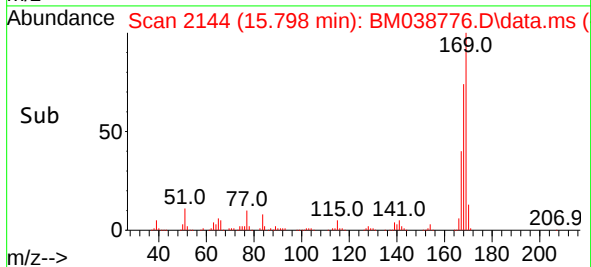
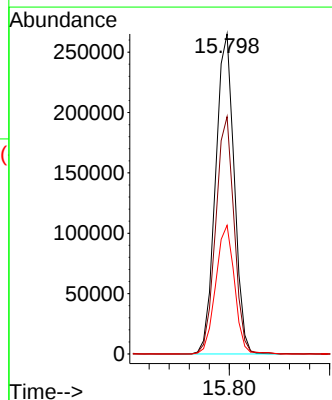
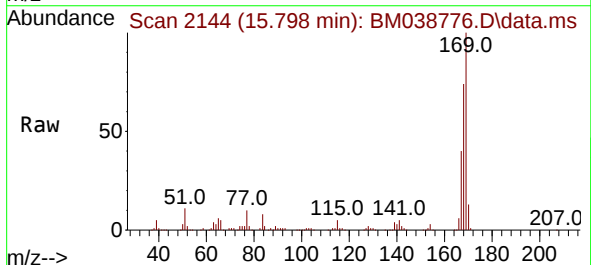
Instrument :
BNA_M
ClientSampleId :
PB150890BS

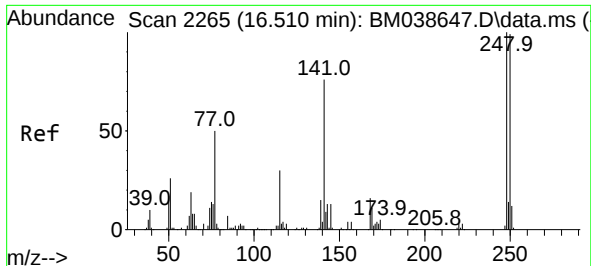
Tgt Ion:198 Resp: 60667
Ion Ratio Lower Upper
198 100
51 33.5 13.0 53.0
105 42.6 17.9 57.9



#66
n-Nitrosodiphenylamine
Concen: 42.799 ng
RT: 15.798 min Scan# 2144
Delta R.T. -0.024 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:169 Resp: 341671
Ion Ratio Lower Upper
169 100
168 74.1 57.6 86.4
167 40.2 32.3 48.5





#67

4-Bromophenyl-phenylether

Concen: 45.389 ng

RT: 16.468 min Scan# 21

Delta R.T. -0.024 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

Instrument :

BNA_M

ClientSampleId :

PB150890BS

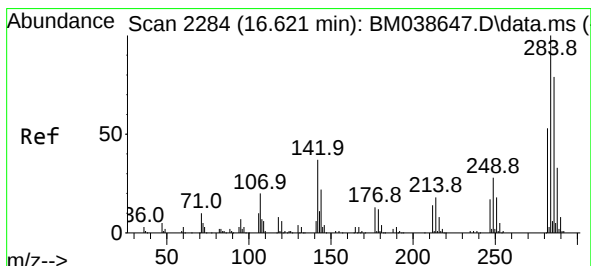
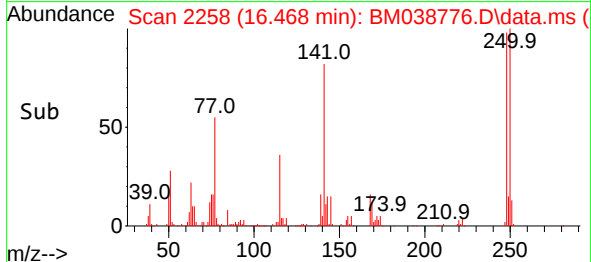
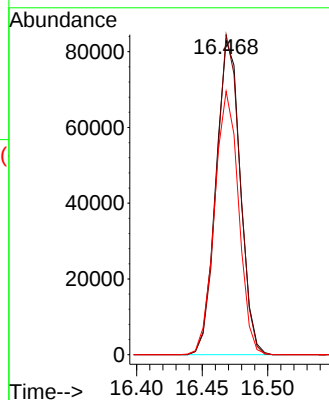
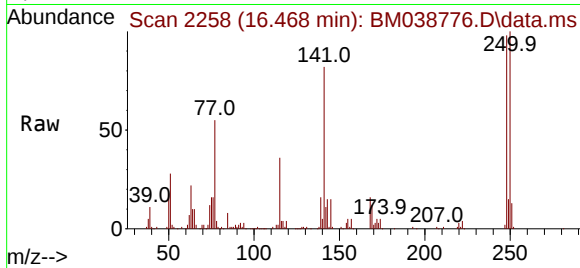
Tgt Ion:248 Resp: 107152

Ion Ratio Lower Upper

248 100

250 101.8 79.4 119.2

141 83.8 61.0 91.6



#68

Hexachlorobenzene

Concen: 46.059 ng

RT: 16.580 min Scan# 2277

Delta R.T. -0.024 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

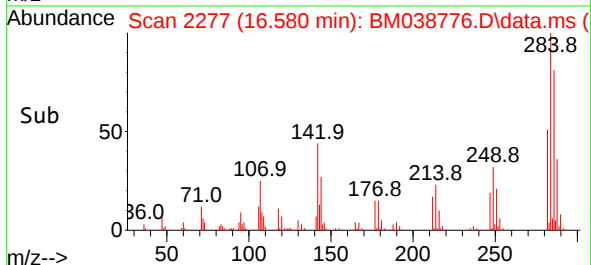
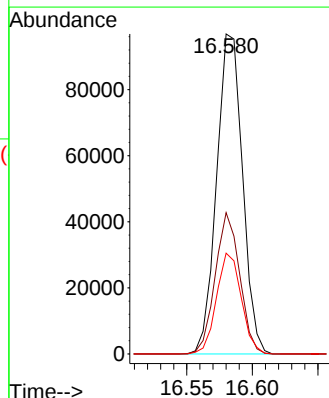
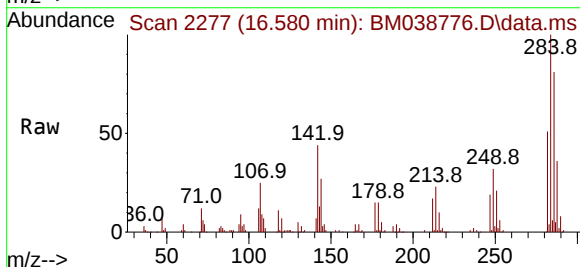
Tgt Ion:284 Resp: 132888

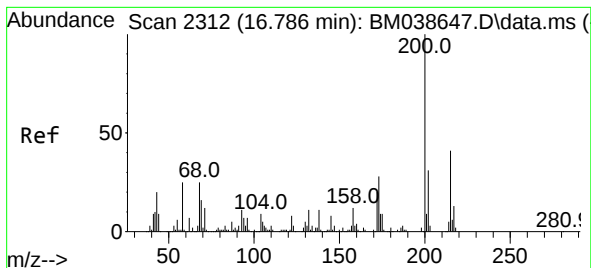
Ion Ratio Lower Upper

284 100

142 44.1 29.8 44.6

249 31.5 22.2 33.4





#69

Atrazine

Concen: 46.999 ng

RT: 16.751 min Scan# 21

Delta R.T. -0.024 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

Instrument :

BNA_M

ClientSampleId :

PB150890BS

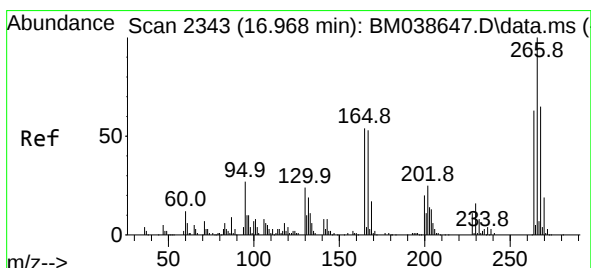
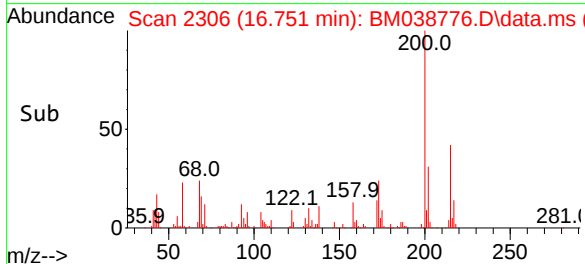
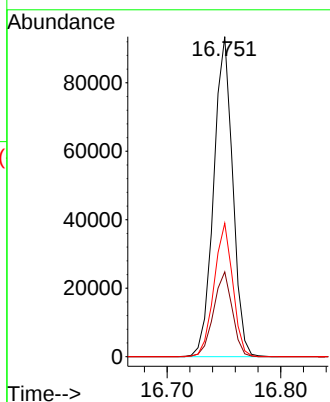
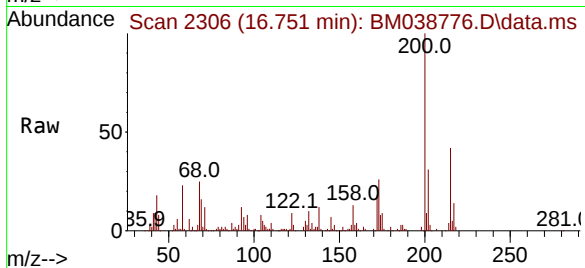
Tgt Ion:200 Resp: 108747

Ion Ratio Lower Upper

200 100

173 26.5 7.9 47.9

215 41.7 20.8 60.8



#70

Pentachlorophenol

Concen: 74.518 ng

RT: 16.933 min Scan# 2337

Delta R.T. -0.024 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

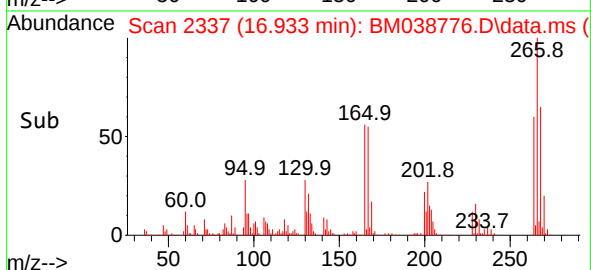
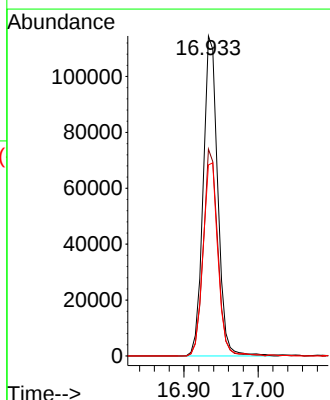
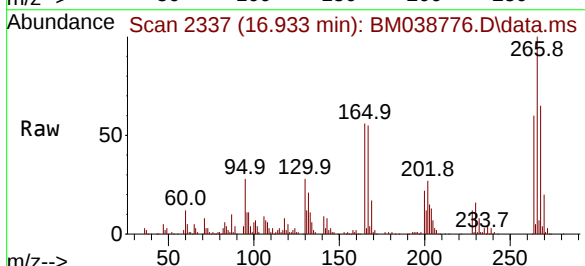
Tgt Ion:266 Resp: 156728

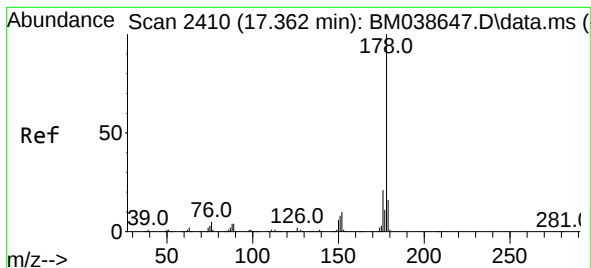
Ion Ratio Lower Upper

266 100

268 64.6 51.8 77.6

264 59.7 50.6 76.0





#71

Phenanthrene

Concen: 40.505 ng

RT: 17.327 min Scan# 2404

Delta R.T. -0.018 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

Instrument :

BNA_M

ClientSampleId :

PB150890BS

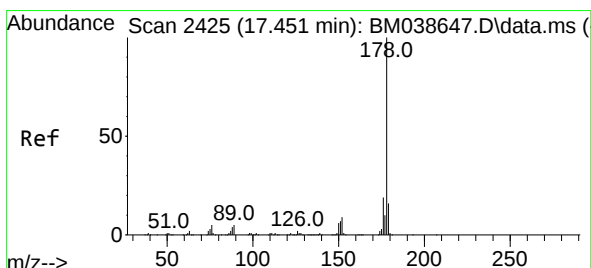
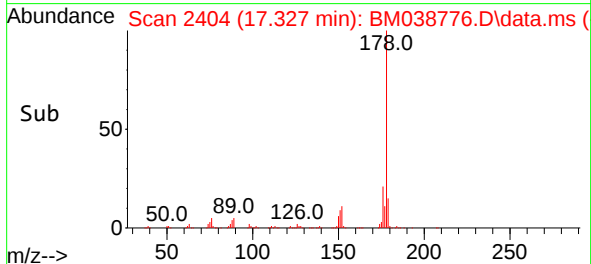
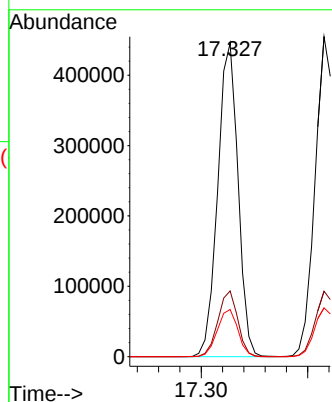
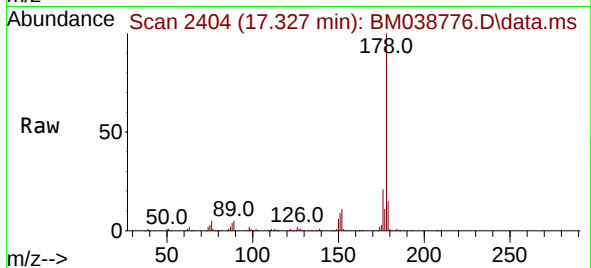
Tgt Ion:178 Resp: 588027

Ion Ratio Lower Upper

178 100

176 21.0 16.7 25.1

179 15.1 12.5 18.7



#72

Anthracene

Concen: 39.998 ng

RT: 17.415 min Scan# 2419

Delta R.T. -0.024 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

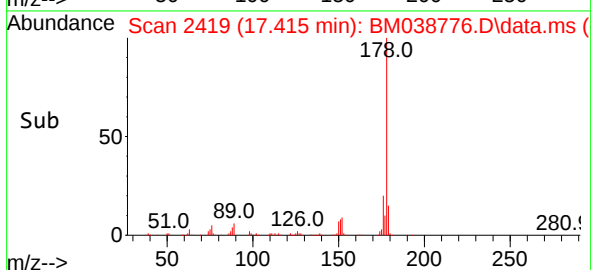
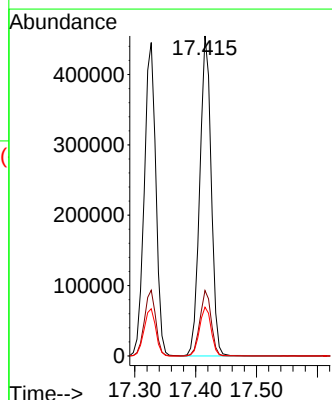
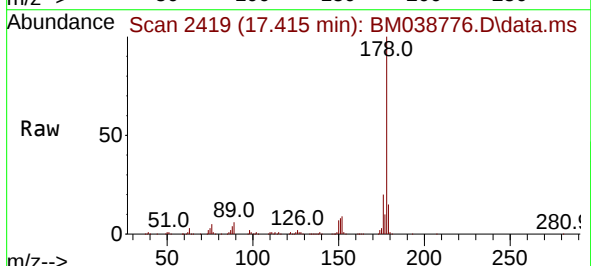
Tgt Ion:178 Resp: 594033

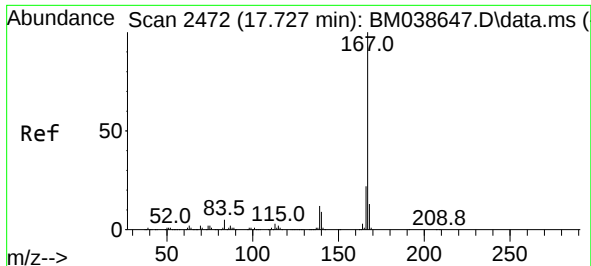
Ion Ratio Lower Upper

178 100

176 20.4 15.6 23.4

179 15.3 12.4 18.6

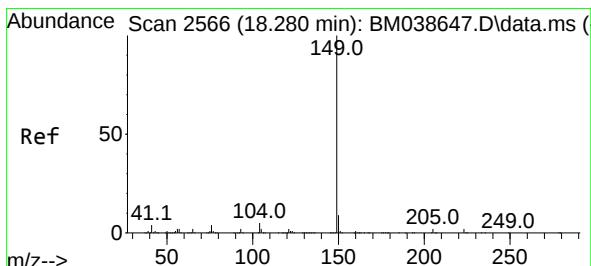
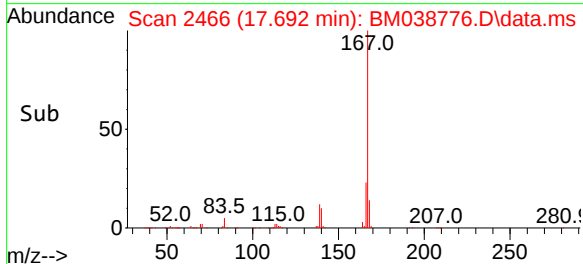
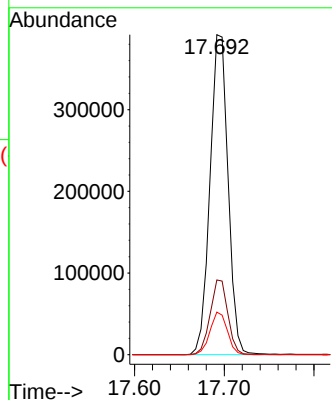
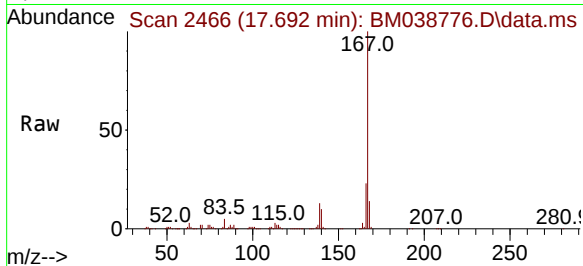




#73
 Carbazole
 Concen: 39.588 ng
 RT: 17.692 min Scan# 2472
 Delta R.T. -0.024 min
 Lab File: BM038776.D
 Acq: 17 Feb 2023 15:45

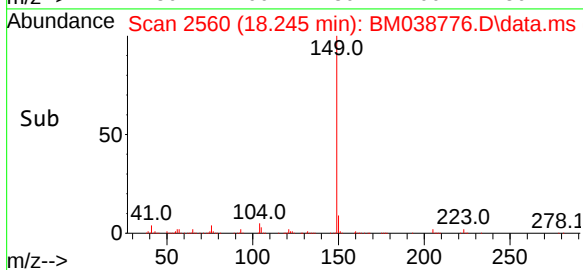
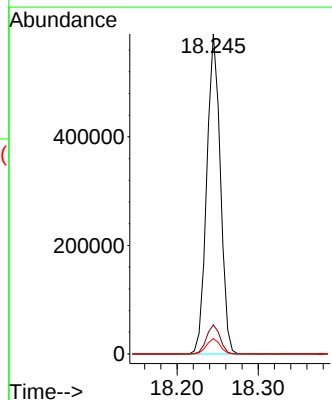
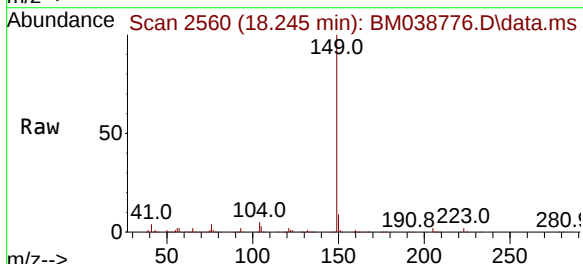
Instrument :
 BNA_M
 ClientSampleId :
 PB150890BS

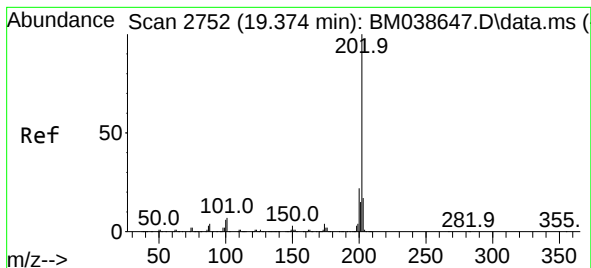
Tgt Ion:167 Resp: 548329
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.8 26.6
 139 13.3 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 43.680 ng
 RT: 18.245 min Scan# 2560
 Delta R.T. -0.024 min
 Lab File: BM038776.D
 Acq: 17 Feb 2023 15:45

Tgt Ion:149 Resp: 683545
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.8 3.8 5.6





#75

Fluoranthene

Concen: 38.303 ng

RT: 19.339 min Scan# 21

Delta R.T. -0.024 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

Instrument :

BNA_M

ClientSampleId :

PB150890BS

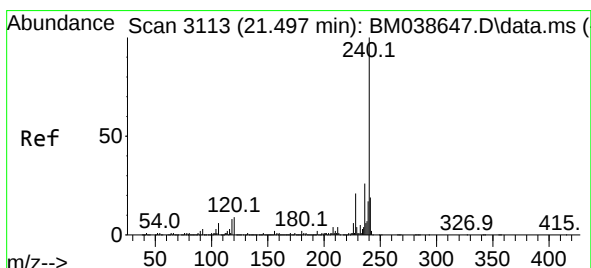
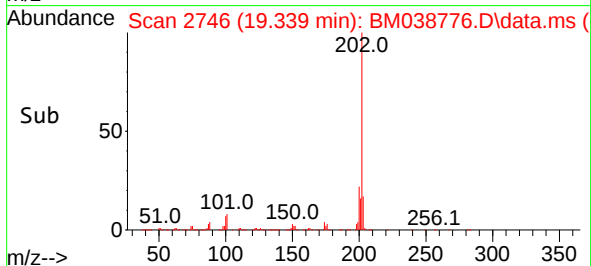
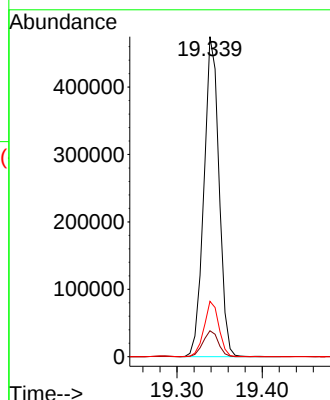
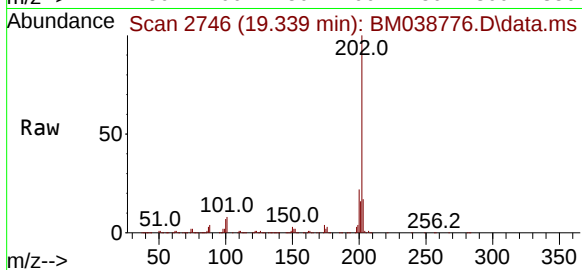
Tgt Ion:202 Resp: 583839

Ion Ratio Lower Upper

202 100

101 8.1 0.0 27.4

203 17.3 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.468 min Scan# 3108

Delta R.T. -0.018 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

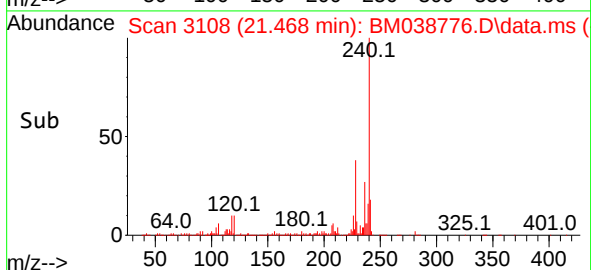
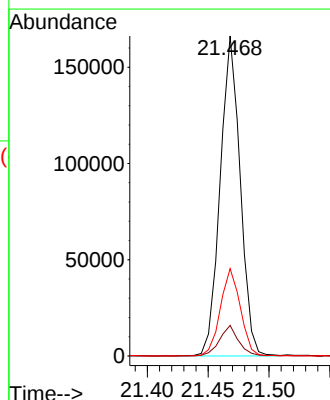
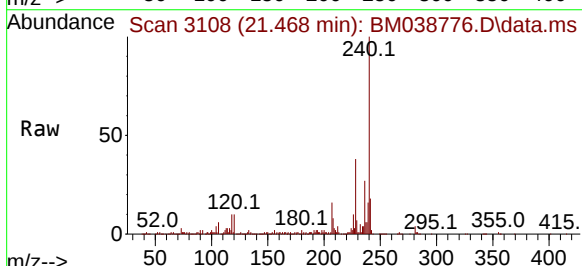
Tgt Ion:240 Resp: 190405

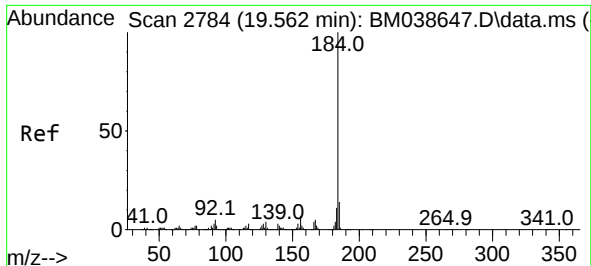
Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.4

236 27.3 20.9 31.3

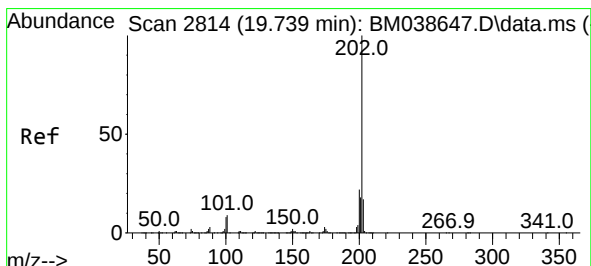
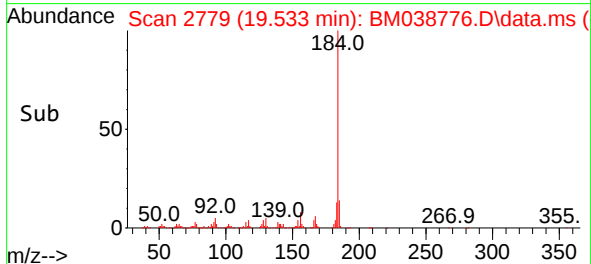
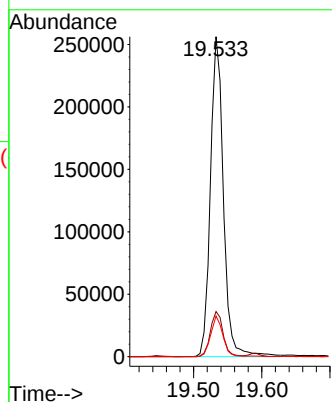
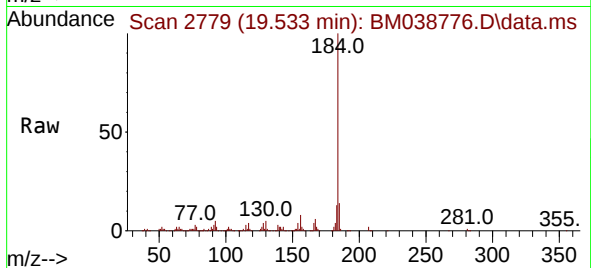




#77
Benzidine
Concen: 58.795 ng
RT: 19.533 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

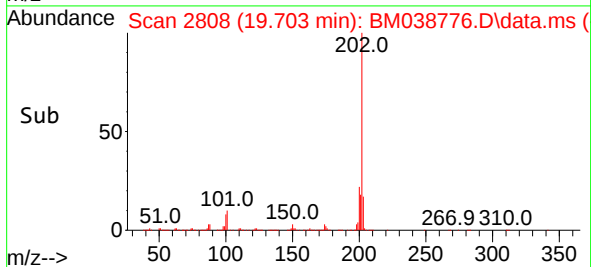
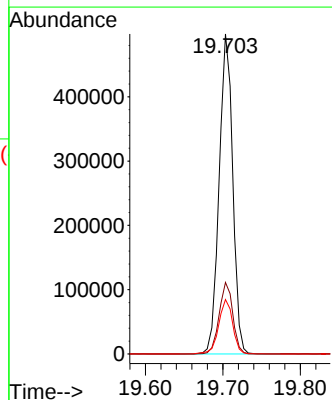
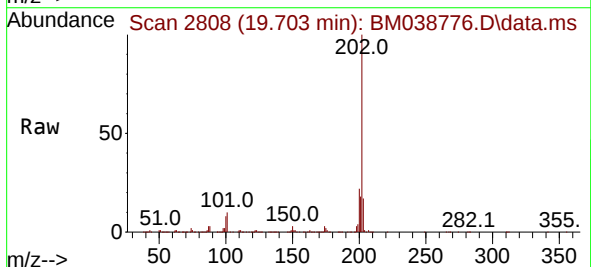
Instrument :
BNA_M
ClientSampleId :
PB150890BS

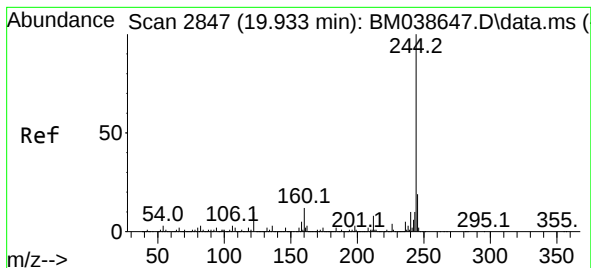
Tgt Ion:184 Resp: 340619
Ion Ratio Lower Upper
184 100
185 14.1 10.8 16.2
183 12.7 8.8 13.2



#78
Pyrene
Concen: 41.286 ng
RT: 19.703 min Scan# 2808
Delta R.T. -0.018 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:202 Resp: 605229
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.6
203 17.0 13.5 20.3





#79

Terphenyl-d14

Concen: 69.897 ng

RT: 19.903 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

Instrument :

BNA_M

ClientSampleId :

PB150890BS

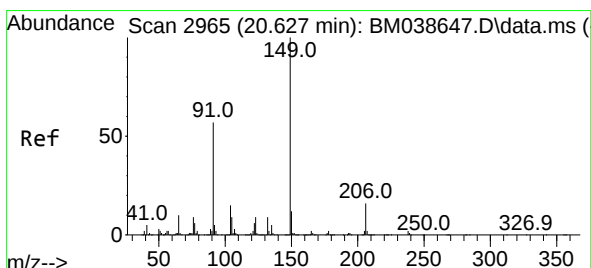
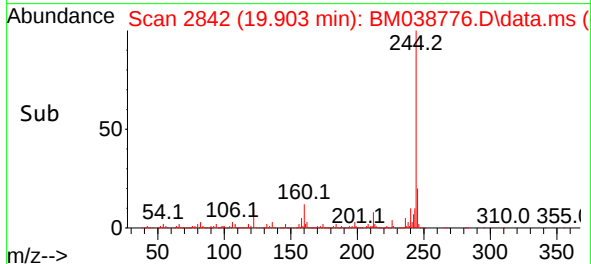
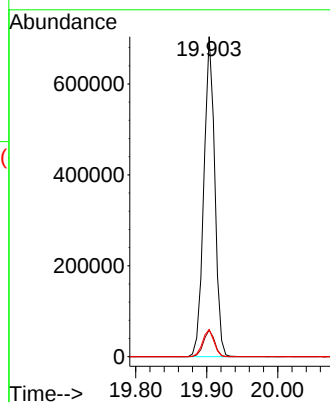
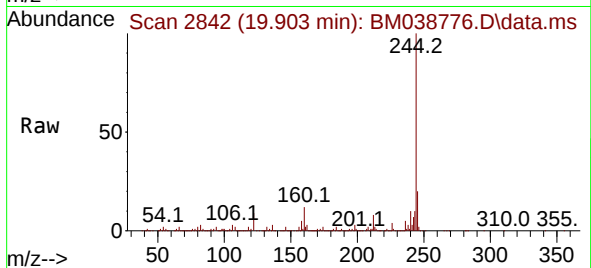
Tgt Ion:244 Resp: 754178

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

122 8.5 7.8 11.8



#80

Butylbenzylphthalate

Concen: 39.781 ng

RT: 20.597 min Scan# 2960

Delta R.T. -0.018 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

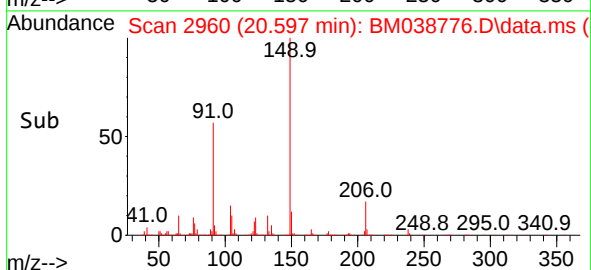
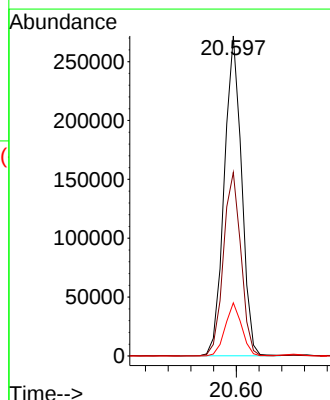
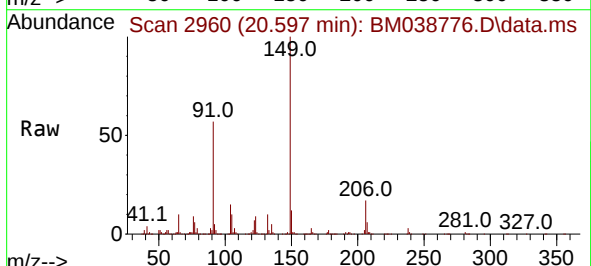
Tgt Ion:149 Resp: 287788

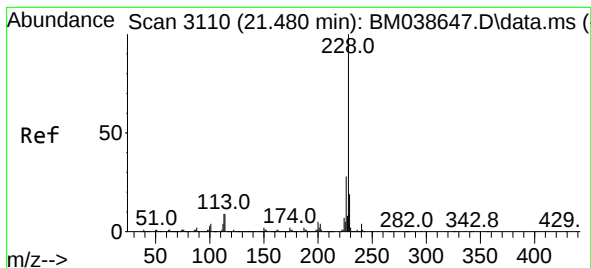
Ion Ratio Lower Upper

149 100

91 57.4 45.6 68.4

206 16.6 12.5 18.7





#81

Benzo(a)anthracene

Concen: 41.102 ng

RT: 21.450 min Scan# 3110

Delta R.T. -0.018 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

Instrument :

BNA_M

ClientSampleId :

PB150890BS

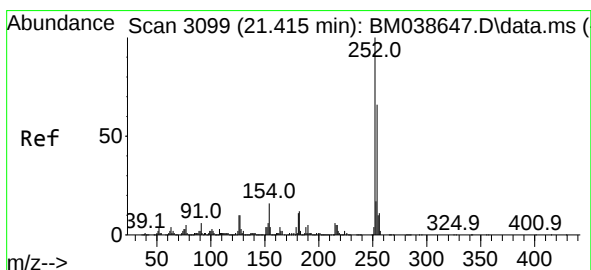
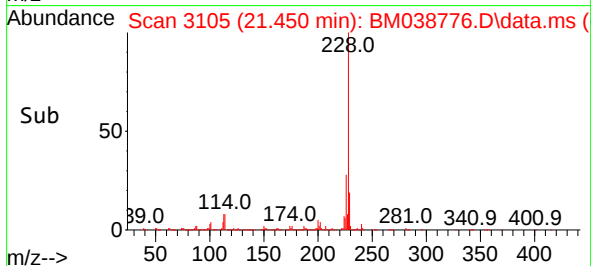
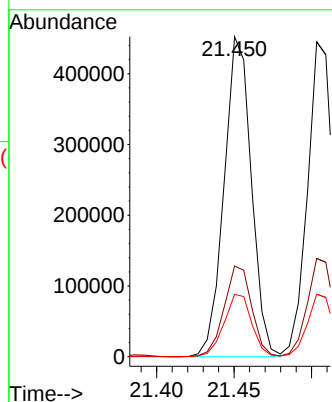
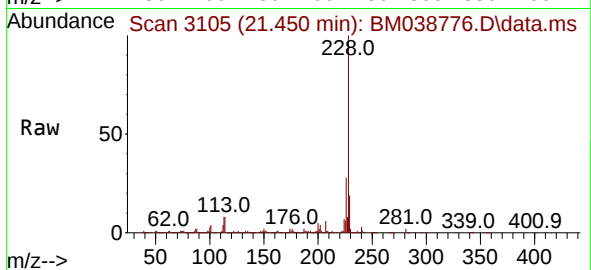
Tgt Ion:228 Resp: 553595

Ion Ratio Lower Upper

228 100

226 28.4 22.2 33.4

229 19.4 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 35.898 ng

RT: 21.386 min Scan# 3094

Delta R.T. -0.018 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

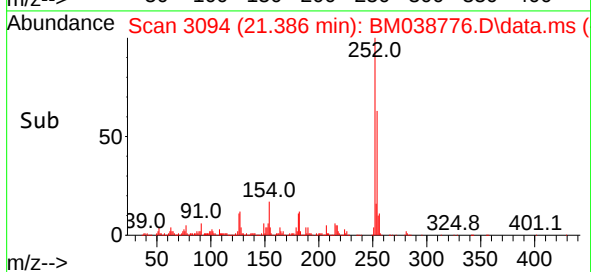
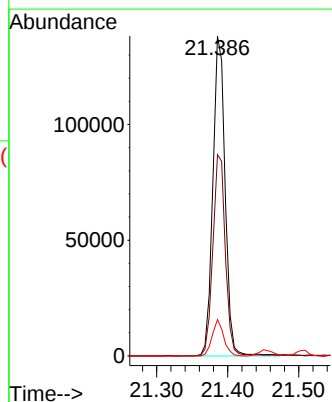
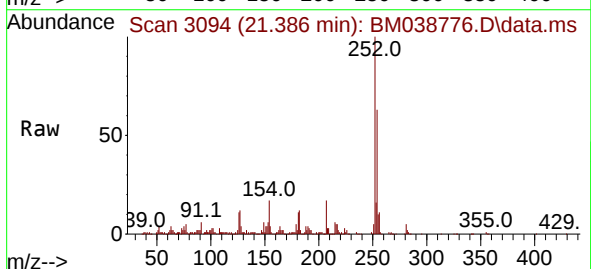
Tgt Ion:252 Resp: 166340

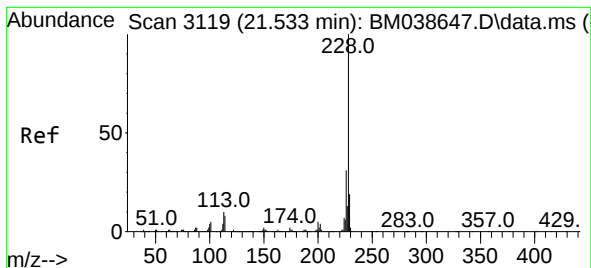
Ion Ratio Lower Upper

252 100

254 62.9 52.8 79.2

126 11.4 8.2 12.2





#83

Chrysene

Concen: 39.826 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.018 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

Instrument :

BNA_M

ClientSampleId :

PB150890BS

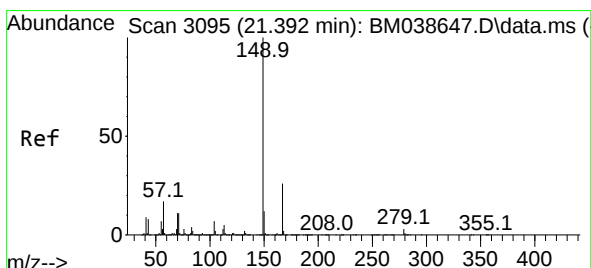
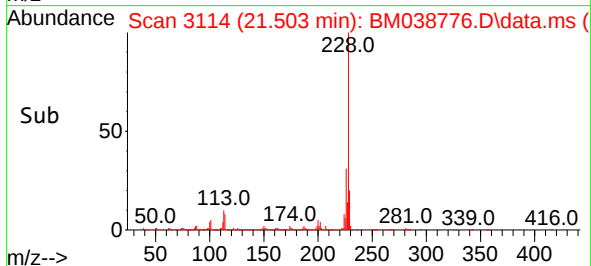
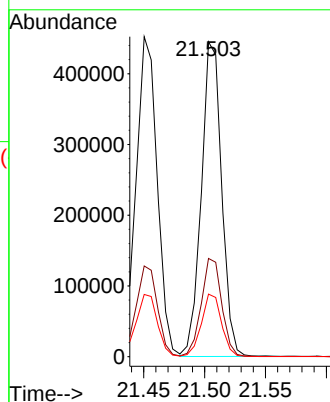
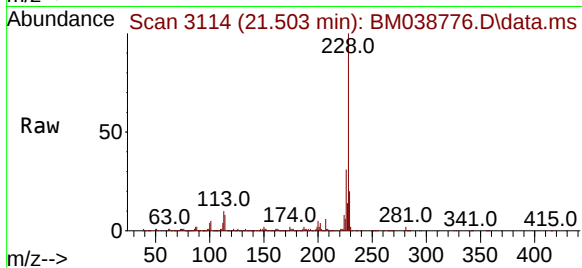
Tgt Ion:228 Resp: 516825

Ion Ratio Lower Upper

228 100

226 31.2 24.7 37.1

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.236 ng

RT: 21.368 min Scan# 3091

Delta R.T. -0.012 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

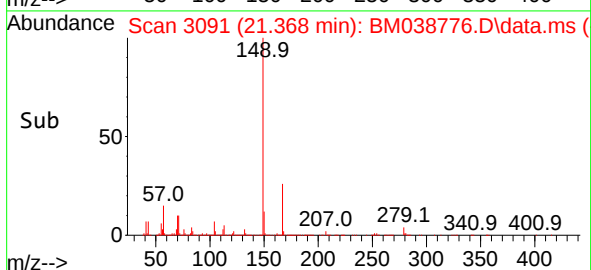
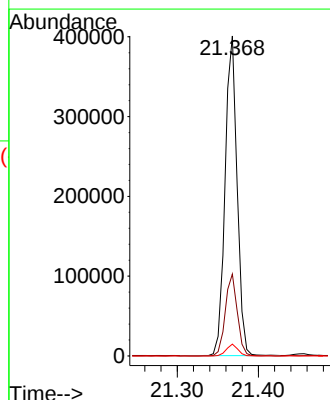
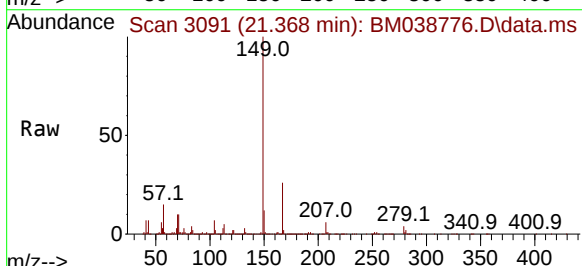
Tgt Ion:149 Resp: 413668

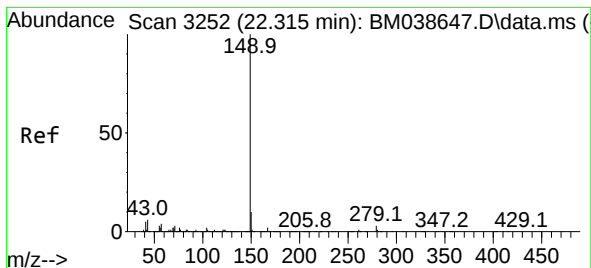
Ion Ratio Lower Upper

149 100

167 25.6 20.8 31.2

279 3.7 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 40.190 ng

RT: 22.286 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

Instrument :

BNA_M

ClientSampleId :

PB150890BS

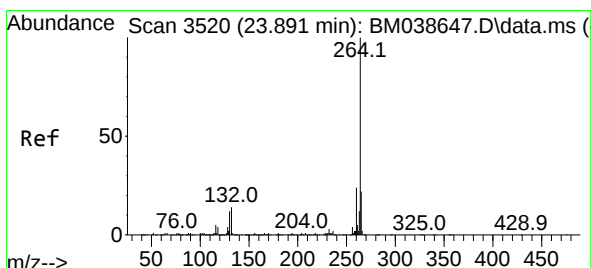
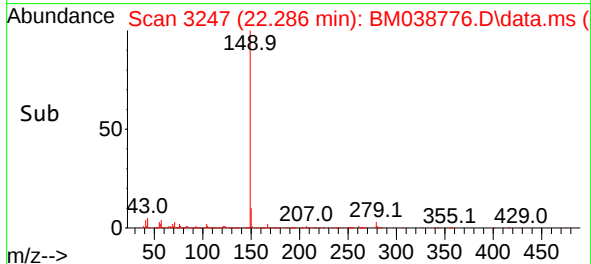
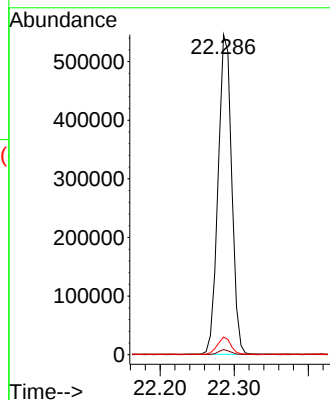
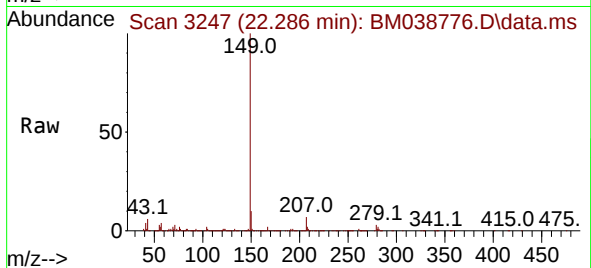
Tgt Ion:149 Resp: 693493

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

43 5.4 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.856 min Scan# 3514

Delta R.T. -0.012 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

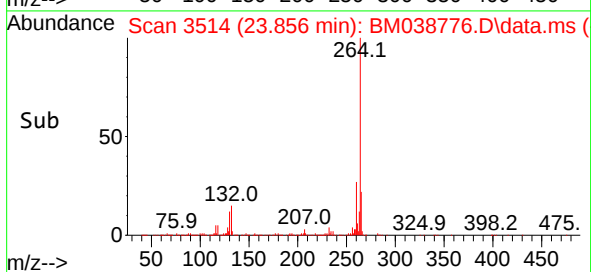
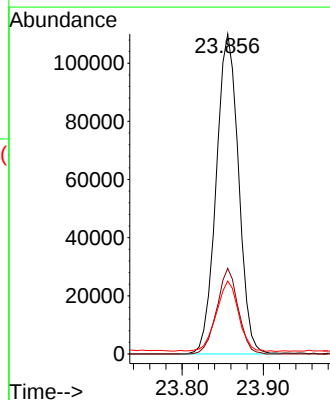
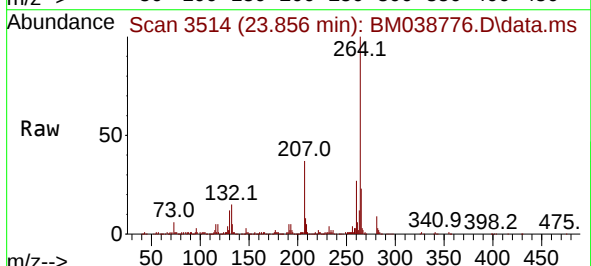
Tgt Ion:264 Resp: 210605

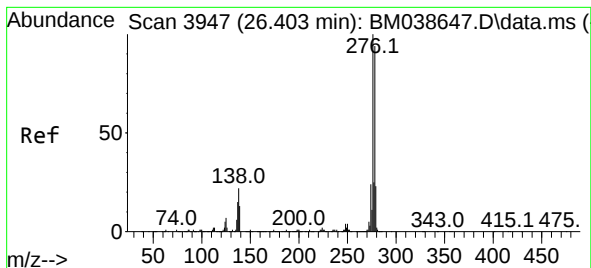
Ion Ratio Lower Upper

264 100

260 26.8 19.6 29.4

265 22.8 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.514 ng

RT: 26.344 min Scan# 3947

Delta R.T. -0.018 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

Instrument :

BNA_M

ClientSampleId :

PB150890BS

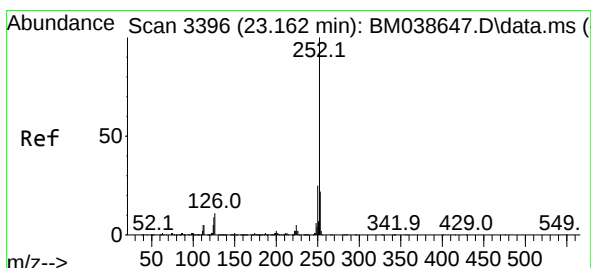
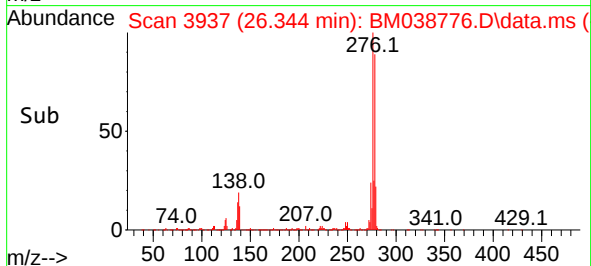
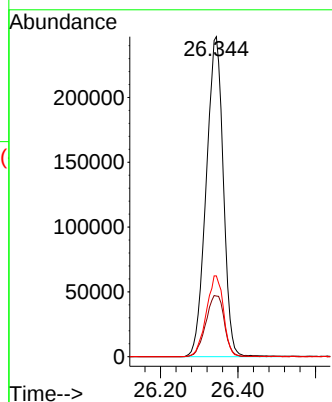
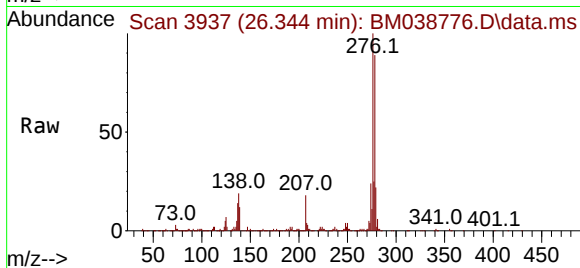
Tgt Ion:276 Resp: 755008

Ion Ratio Lower Upper

276 100

138 20.8 17.2 25.8

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 45.441 ng

RT: 23.127 min Scan# 3390

Delta R.T. -0.012 min

Lab File: BM038776.D

Acq: 17 Feb 2023 15:45

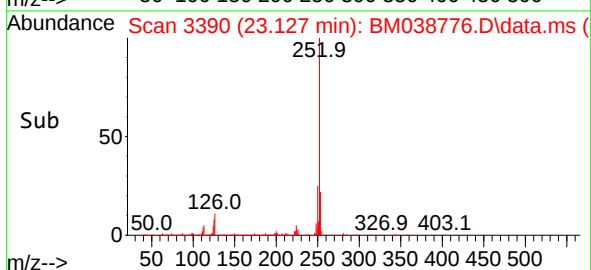
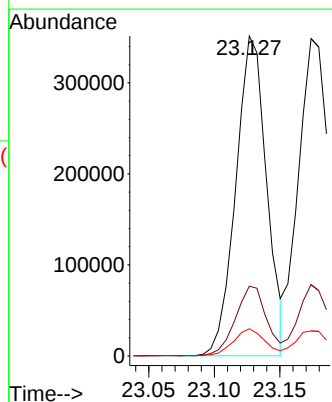
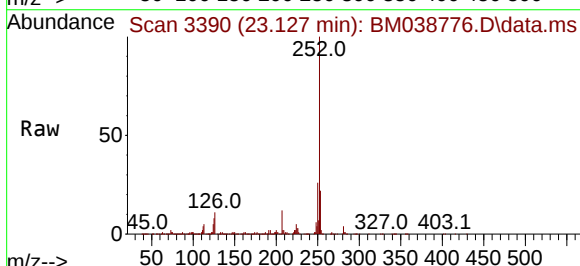
Tgt Ion:252 Resp: 573205

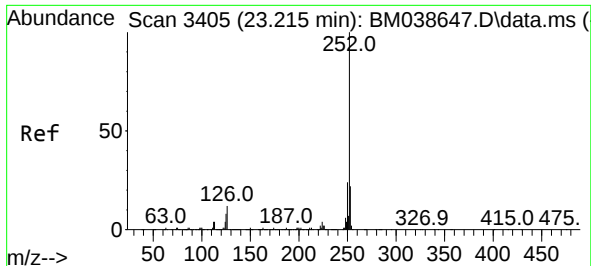
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.5 7.0 10.6

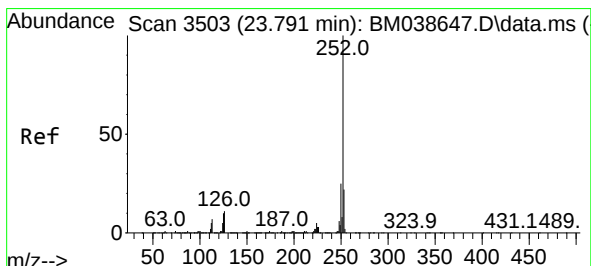
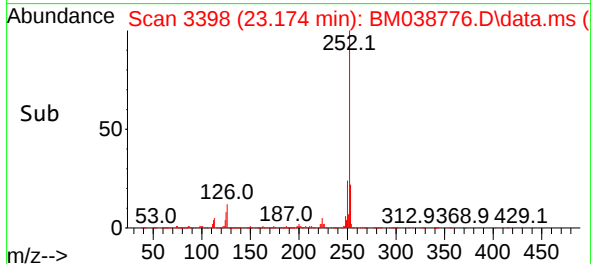
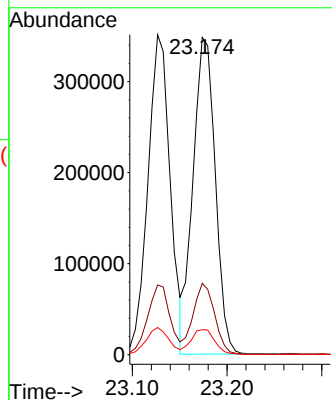
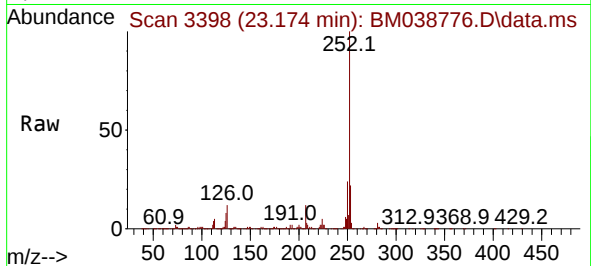




#89
Benzo(k)fluoranthene
Concen: 44.453 ng
RT: 23.174 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

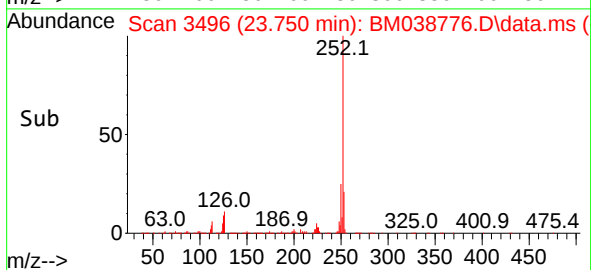
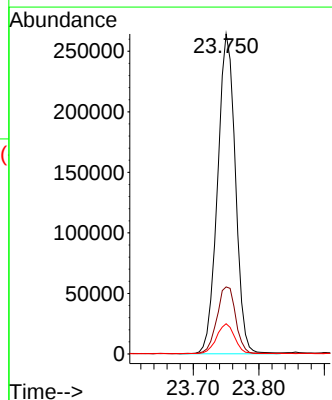
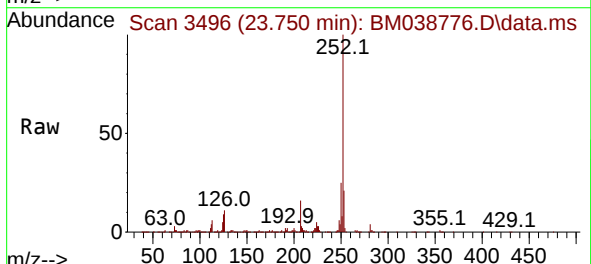
Instrument :
BNA_M
ClientSampleId :
PB150890BS

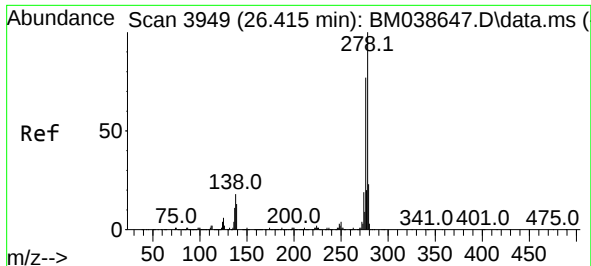
Tgt Ion:252 Resp: 569426
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 7.9 6.6 9.8



#90
Benzo(a)pyrene
Concen: 39.819 ng
RT: 23.750 min Scan# 3496
Delta R.T. -0.012 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:252 Resp: 496720
Ion Ratio Lower Upper
252 100
253 20.9 17.7 26.5
125 9.4 7.8 11.8

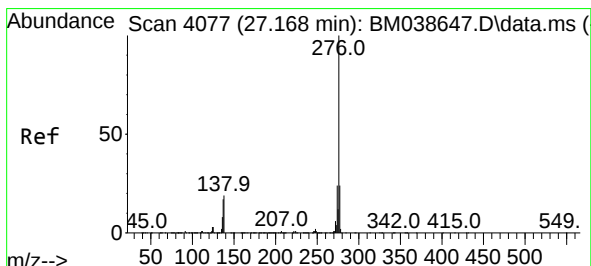
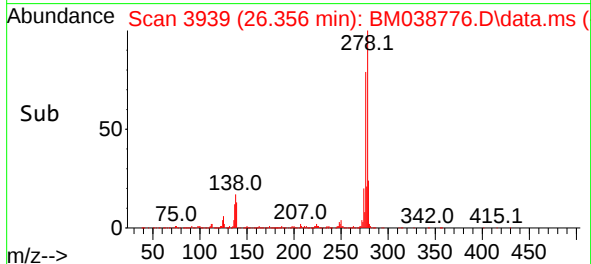
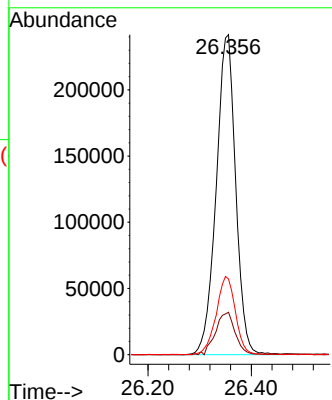
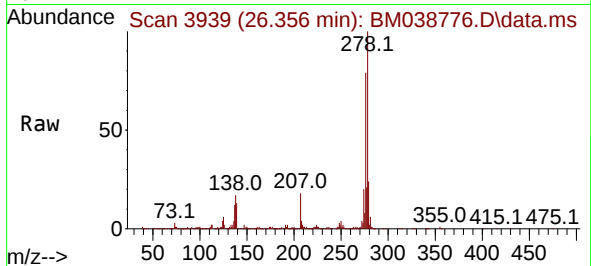




#91
Dibenzo(a,h)anthracene
Concen: 45.277 ng
RT: 26.356 min Scan# 3949
Delta R.T. -0.012 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Instrument :
BNA_M
ClientSampleId :
PB150890BS

Tgt Ion:278 Resp: 631908
Ion Ratio Lower Upper
278 100
139 13.2 10.5 15.7
279 23.7 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 41.885 ng
RT: 27.103 min Scan# 4066
Delta R.T. -0.024 min
Lab File: BM038776.D
Acq: 17 Feb 2023 15:45

Tgt Ion:276 Resp: 590911
Ion Ratio Lower Upper
276 100
277 24.2 19.1 28.7
138 18.4 15.3 22.9

