

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038664.D
 Acq On : 02 Feb 2023 15:35
 Operator : CG/JU
 Sample : 01285-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-07-SB02MS

Quant Time: Feb 03 05:35:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	81774	20.000	ng	-0.01
21) Naphthalene-d8	10.739	136	268577	20.000	ng	-0.01
39) Acenaphthene-d10	14.568	164	169404	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	305912	20.000	ng	0.00
76) Chrysene-d12	21.491	240	216089	20.000	ng	0.00
86) Perylene-d12	23.885	264	291872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	529775	126.909	ng	0.00
7) Phenol-d6	7.116	99	576555	121.097	ng	0.00
23) Nitrobenzene-d5	9.110	82	362676	76.701	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	282398	122.645	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1090396	81.945	ng	0.00
79) Terphenyl-d14	19.927	244	1017896	83.126	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	69903	37.984	ng	94
3) Pyridine	3.757	79	167460	38.267	ng	96
4) n-Nitrosodimethylamine	3.675	42	79180	40.080	ng	88
6) Aniline	7.263	93	214986	36.199	ng	98
8) 2-Chlorophenol	7.498	128	221762	48.684	ng	96
9) Benzaldehyde	7.075	77	73084	34.827	ng	96
10) Phenol	7.145	94	225736	46.931	ng	97
11) bis(2-Chloroethyl)ether	7.357	93	175256	44.992	ng	96
12) 1,3-Dichlorobenzene	7.816	146	301714	51.842	ng	98
13) 1,4-Dichlorobenzene	7.969	146	302783	51.550	ng	99
14) 1,2-Dichlorobenzene	8.281	146	289624	51.471	ng	97
15) Benzyl Alcohol	8.186	79	163306	46.601	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	150034	40.664	ng	94
17) 2-Methylphenol	8.398	107	156832	42.509	ng	98
18) Hexachloroethane	9.010	117	98922	52.150	ng	95
19) n-Nitroso-di-n-propyla...	8.751	70	126305	44.011	ng	94
20) 3+4-Methylphenols	8.728	107	205695	41.817	ng	98
22) Acetophenone	8.769	105	295708	46.168	ng	97
24) Nitrobenzene	9.151	77	208874	43.521	ng	95
25) Isophorone	9.675	82	347120	41.906	ng	95
26) 2-Nitrophenol	9.857	139	129775	48.594	ng	96
27) 2,4-Dimethylphenol	9.927	122	179064	46.472	ng	98
28) bis(2-Chloroethoxy)met...	10.157	93	218735	43.210	ng	99
29) 2,4-Dichlorophenol	10.404	162	249686	45.611	ng	100
30) 1,2,4-Trichlorobenzene	10.604	180	291722	50.097	ng	99
31) Naphthalene	10.792	128	646444	46.904	ng	99
32) Benzoic acid	10.086	122	109277	35.035	ng	99
33) 4-Chloroaniline	10.916	127	95577	15.824	ng	96
34) Hexachlorobutadiene	11.063	225	154771	53.058	ng	99
35) Caprolactam	11.721	113	42639	36.166	ng	92
36) 4-Chloro-3-methylphenol	12.051	107	168232	41.561	ng	99
37) 2-Methylnaphthalene	12.398	142	489025	43.908	ng	99
38) 1-Methylnaphthalene	12.616	142	445218	42.423	ng	97
40) 1,2,4,5-Tetrachloroben...	12.763	216	239034	54.218	ng	99
41) Hexachlorocyclopentadiene	12.733	237	307650	112.453	ng	98
43) 2,4,6-Trichlorophenol	13.016	196	169873	49.045	ng	96

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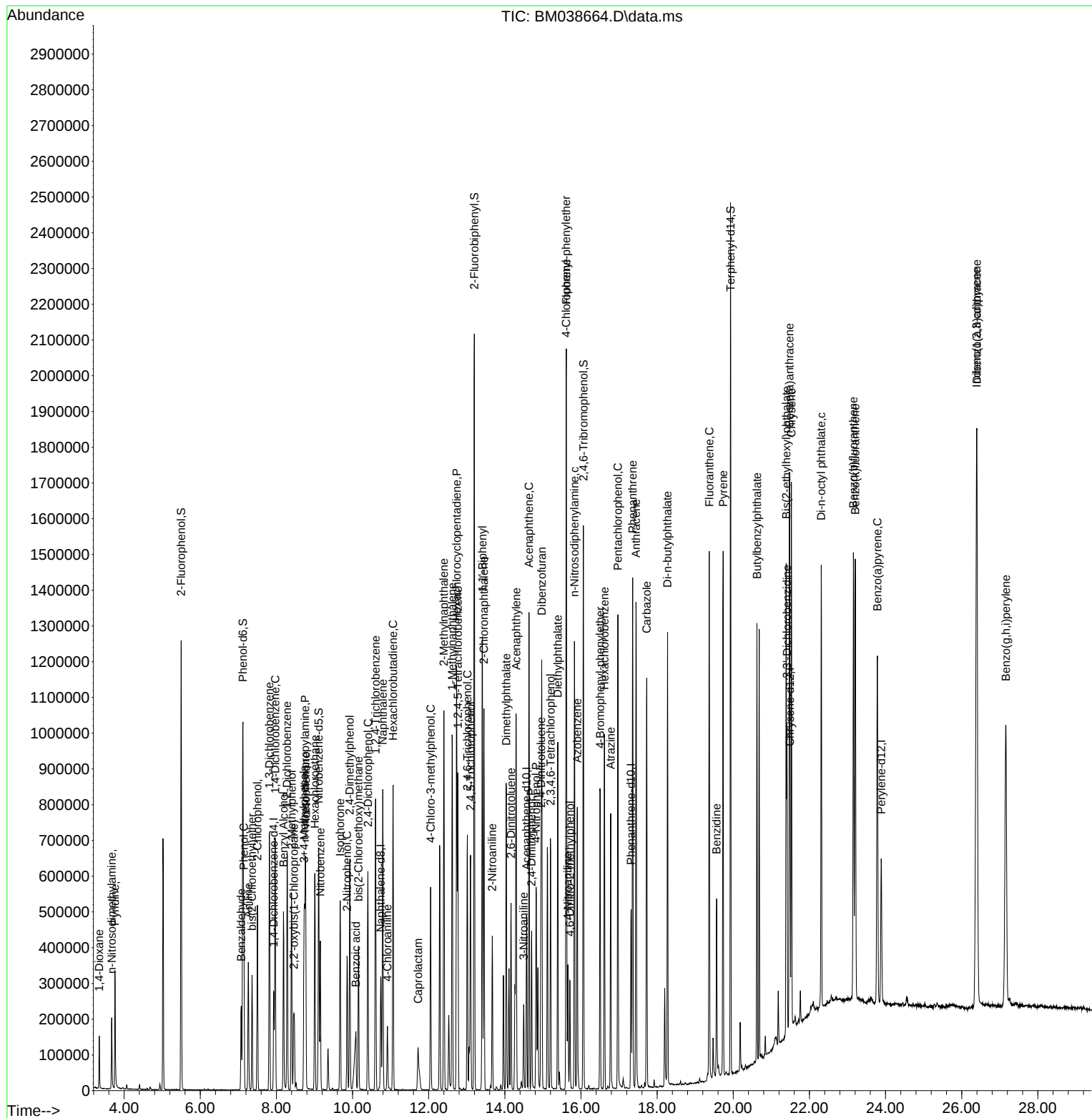
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	176175	43.224	ng	96
46) 1,1'-Biphenyl	13.410	154	677736	50.505	ng	100
47) 2-Chloronaphthalene	13.451	162	544526	51.568	ng	99
48) 2-Nitroaniline	13.668	65	92079	39.062	ng	100
49) Acenaphthylene	14.298	152	783440	47.105	ng	99
50) Dimethylphthalate	14.039	163	598945	43.326	ng	100
51) 2,6-Dinitrotoluene	14.163	165	124127	44.177	ng	97
52) Acenaphthene	14.633	154	464036	46.727	ng	98
53) 3-Nitroaniline	14.492	138	70077	24.651	ng	94
54) 2,4-Dinitrophenol	14.704	184	106924	58.465	ng	93
55) Dibenzofuran	14.968	168	766755	44.836	ng	99
56) 4-Nitrophenol	14.821	139	175193	77.744	ng	93
57) 2,4-Dinitrotoluene	14.951	165	166731	40.480	ng	91
58) Fluorene	15.615	166	604799	44.697	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.204	232	129086	45.504	ng	95
60) Diethylphthalate	15.392	149	557266	42.551	ng	100
61) 4-Chlorophenyl-phenyle...	15.609	204	265614	46.271	ng	98
62) 4-Nitroaniline	15.657	138	89648	30.404	ng	95
63) Azobenzene	15.904	77	409338	40.625	ng	96
65) 4,6-Dinitro-2-methylph...	15.709	198	72508	37.651	ng	95
66) n-Nitrosodiphenylamine	15.827	169	484762	48.532	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	152769	51.720	ng	99
68) Hexachlorobenzene	16.615	284	194596	53.906	ng	99
69) Atrazine	16.780	200	147211	50.850	ng	98
70) Pentachlorophenol	16.968	266	215375	81.844	ng	98
71) Phenanthrene	17.356	178	849378	46.761	ng	98
72) Anthracene	17.445	178	864481	46.522	ng	99
73) Carbazole	17.727	167	753559	43.482	ng	99
74) Di-n-butylphthalate	18.274	149	912829	46.621	ng	100
75) Fluoranthene	19.368	202	812729	42.615	ng	99
77) Benzidine	19.562	184	317795	48.889	ng	98
78) Pyrene	19.733	202	845772	50.837	ng	100
80) Butylbenzylphthalate	20.621	149	379814	45.945	ng	96
81) Benzo(a)anthracene	21.474	228	725518	47.465	ng	99
82) 3,3'-Dichlorobenzidine	21.409	252	233806	44.461	ng	98
83) Chrysene	21.527	228	680648	46.216	ng	99
84) Bis(2-ethylhexyl)phtha...	21.391	149	550028	45.712	ng	# 96
85) Di-n-octyl phthalate	22.309	149	944342	48.223	ng	99
87) Indeno(1,2,3-cd)pyrene	26.391	276	1254956	54.588	ng	98
88) Benzo(b)fluoranthene	23.156	252	846563	48.425	ng	98
89) Benzo(k)fluoranthene	23.203	252	843676	47.525	ng	99
90) Benzo(a)pyrene	23.785	252	769341	44.501	ng	99
91) Dibenzo(a,h)anthracene	26.397	278	1055058	54.548	ng	98
92) Benzo(g,h,i)perylene	27.162	276	1027641	52.560	ng	97

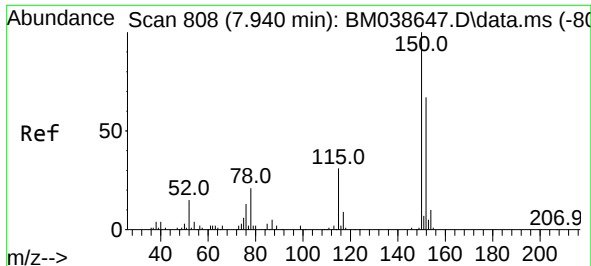
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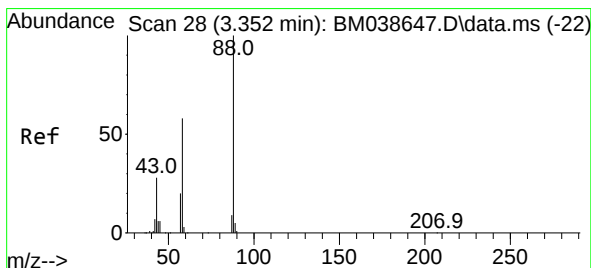
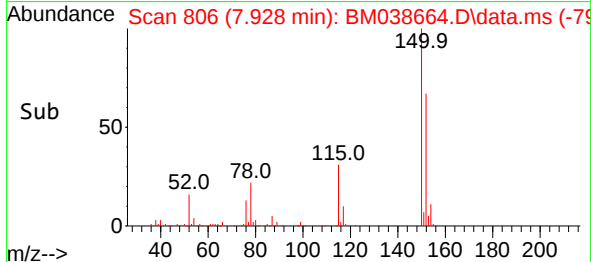
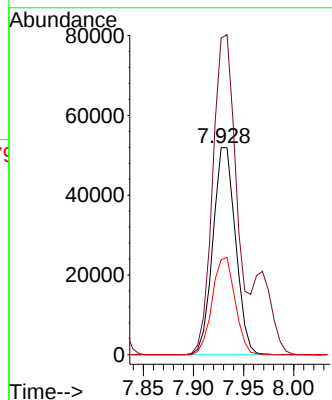
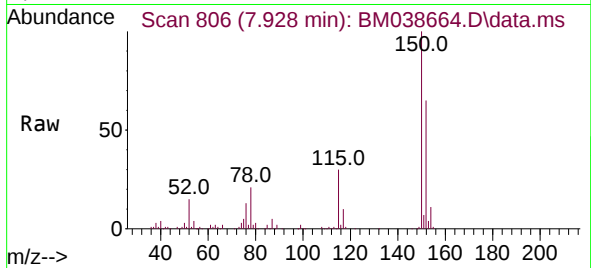




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM038664.D
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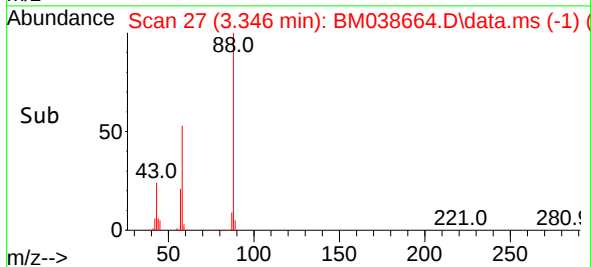
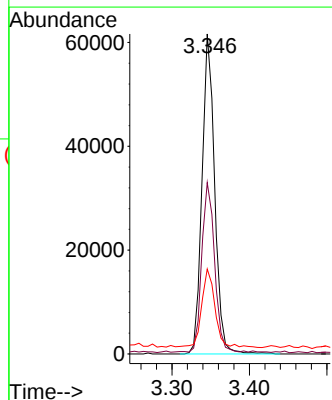
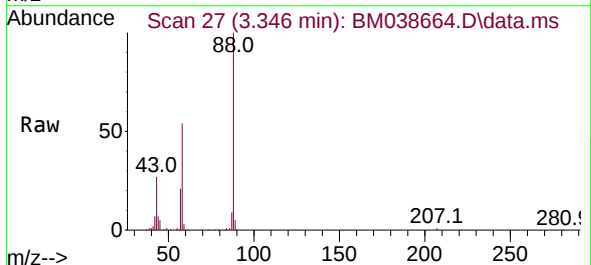
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ClientSampleId :
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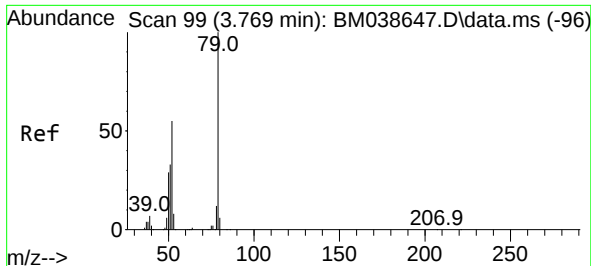
Tgt Ion:152 Resp: 81774
Ion Ratio Lower Upper
152 100
150 153.0 119.5 179.3
115 45.9 37.6 56.4



#2
1,4-Dioxane
Concen: 37.984 ng
RT: 3.346 min Scan# 27
Delta R.T. -0.006 min
Lab File: BM038664.D
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Tgt Ion: 88 Resp: 69903
Ion Ratio Lower Upper
88 100
58 53.2 47.0 70.4
43 25.9 22.6 33.8

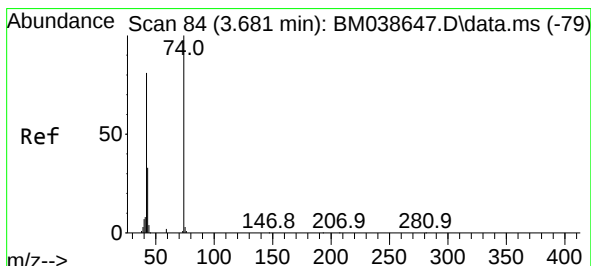
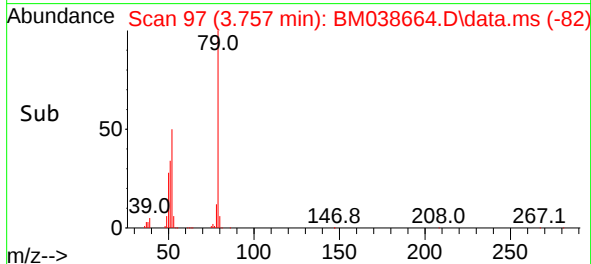
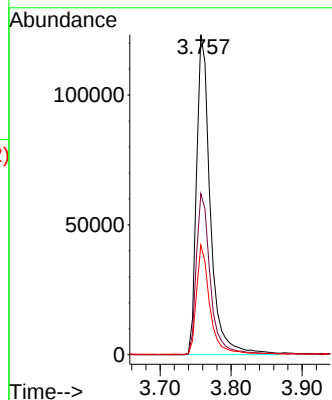
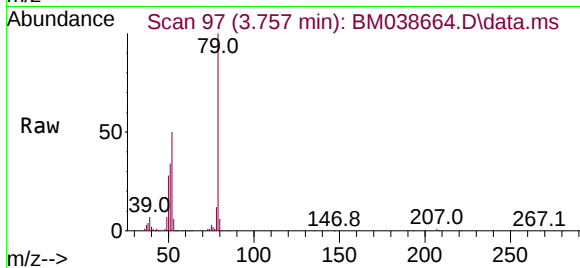




#3
Pyridine
Concen: 38.267 ng
RT: 3.757 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

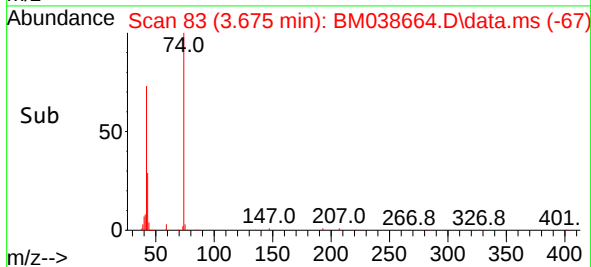
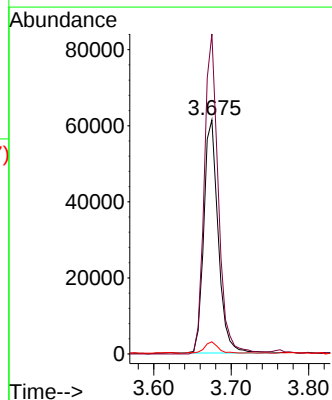
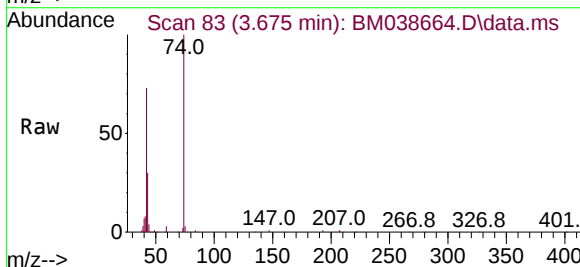
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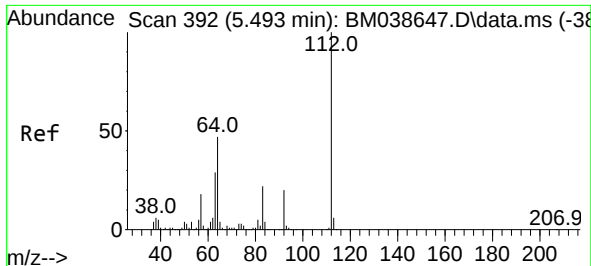
Tgt Ion: 79 Resp: 167460
Ion Ratio Lower Upper
79 100
52 50.3 43.7 65.5
51 34.3 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 40.080 ng
RT: 3.675 min Scan# 83
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion: 42 Resp: 79180
Ion Ratio Lower Upper
42 100
74 136.7 98.4 147.6
44 5.2 3.5 5.3

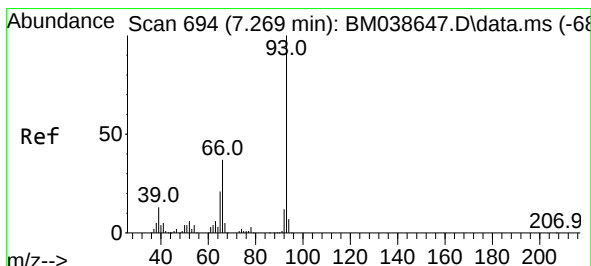
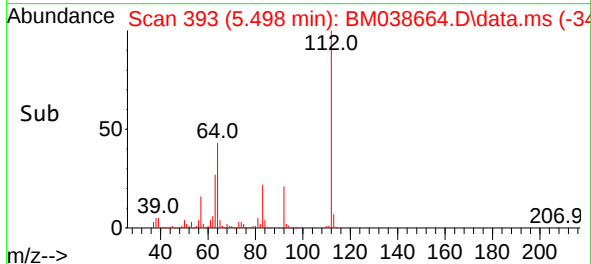
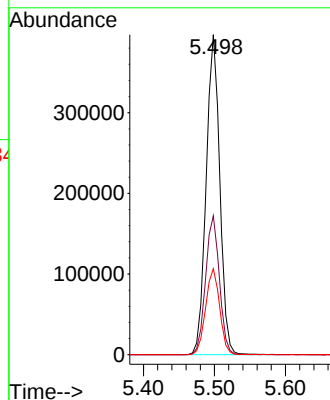
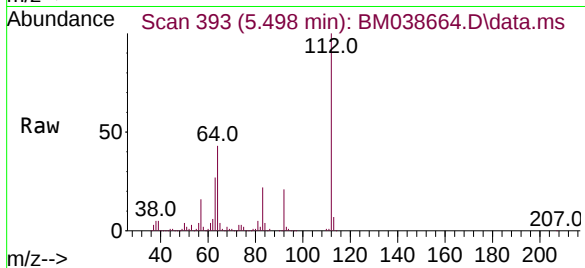




#5
2-Fluorophenol
Concen: 126.909 ng
RT: 5.498 min Scan# 392
Delta R.T. 0.006 min
Lab File: BM038664.D
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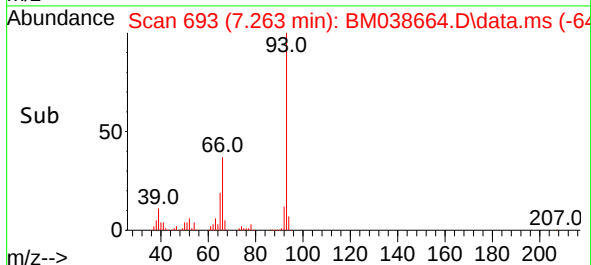
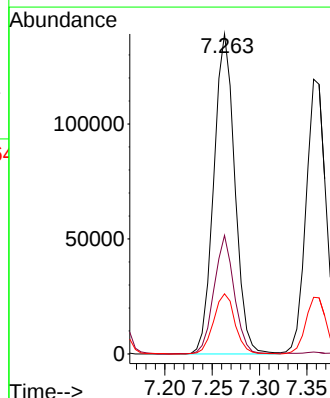
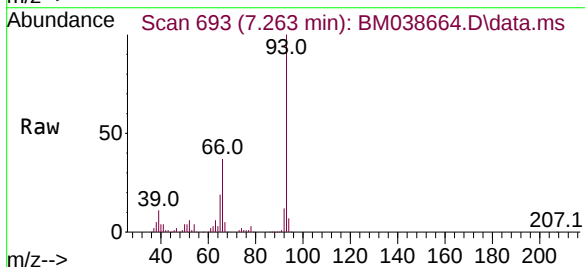
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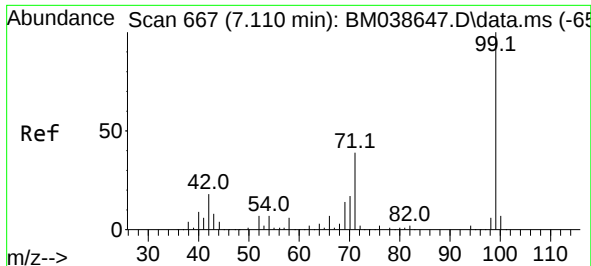
Tgt Ion:112 Resp: 529775
Ion Ratio Lower Upper
112 100
64 43.4 37.9 56.9
63 26.8 23.3 34.9



#6
Aniline
Concen: 36.199 ng
RT: 7.263 min Scan# 693
Delta R.T. -0.006 min
Lab File: BM038664.D
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Tgt Ion: 93 Resp: 214986
Ion Ratio Lower Upper
93 100
66 37.1 29.8 44.8
65 18.8 16.9 25.3

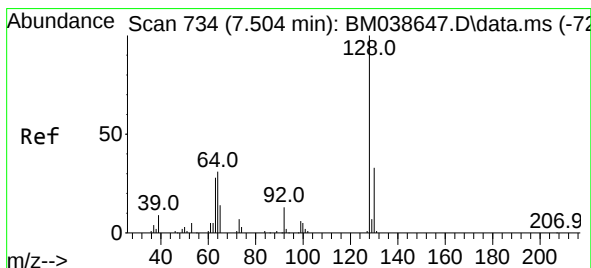
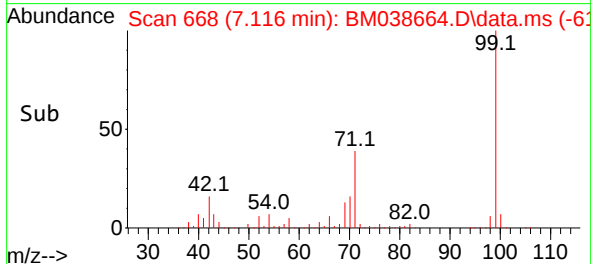
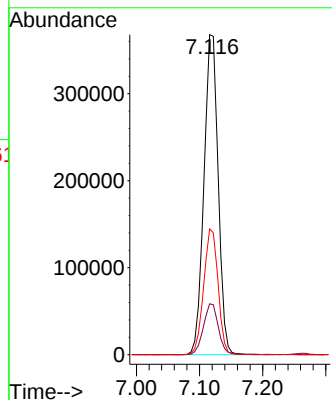
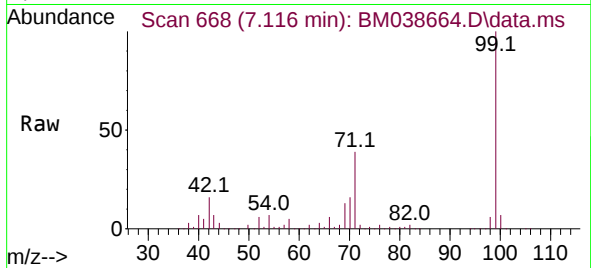




#7
Phenol-d6
Concen: 121.097 ng
RT: 7.116 min Scan# 668
Delta R.T. 0.006 min
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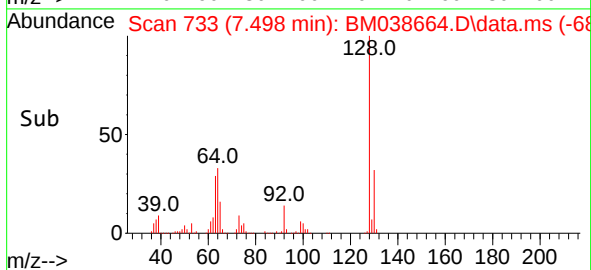
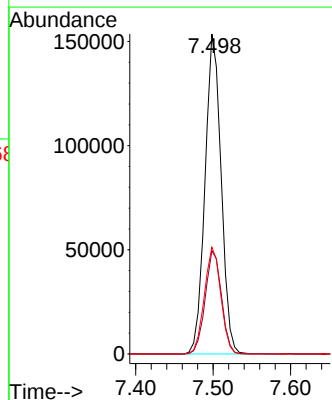
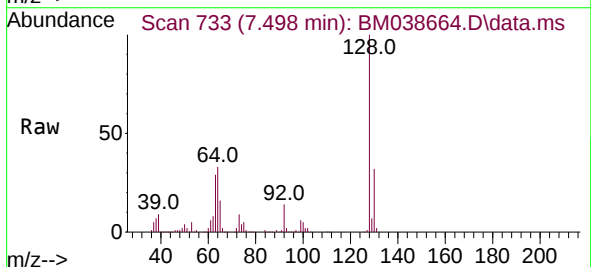
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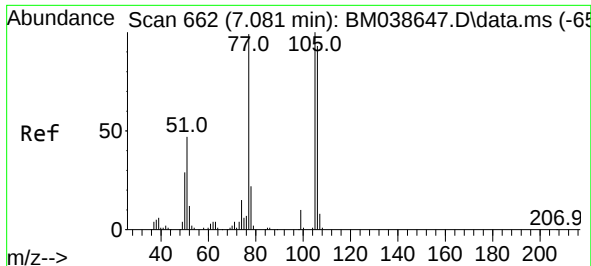
Tgt Ion: 99 Resp: 576555
Ion Ratio Lower Upper
99 100
42 15.9 14.6 22.0
71 39.3 31.0 46.4



#8
2-Chlorophenol
Concen: 48.684 ng
RT: 7.498 min Scan# 733
Delta R.T. -0.006 min
Lab File: BM038664.D
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Tgt Ion: 128 Resp: 221762
Ion Ratio Lower Upper
128 100
130 32.3 13.2 53.2
64 33.3 17.3 57.3

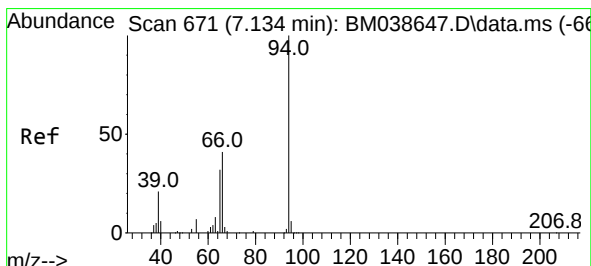
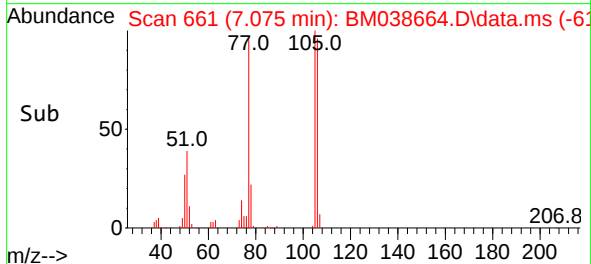
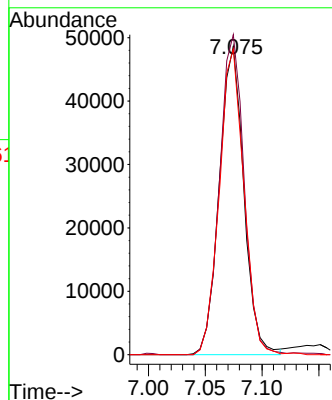
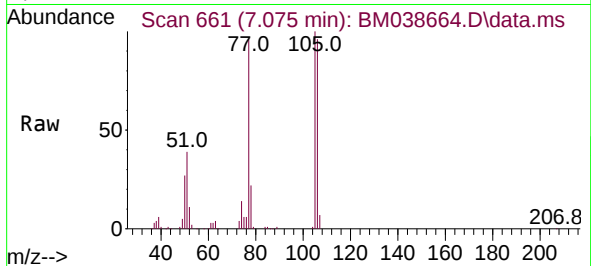




#9
Benzaldehyde
Concen: 34.827 ng
RT: 7.075 min Scan# 610
Delta R.T. -0.006 min
Lab File: BM038664.D
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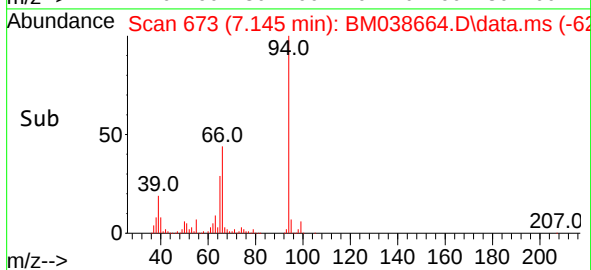
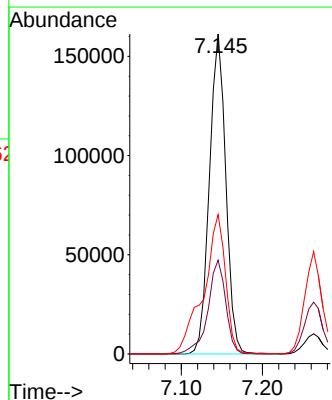
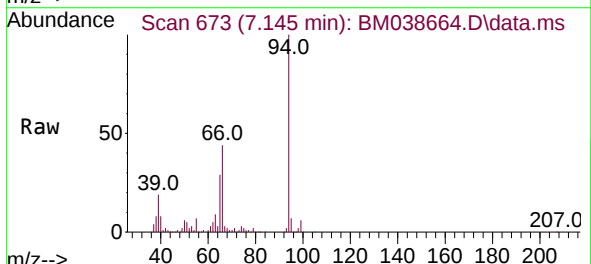
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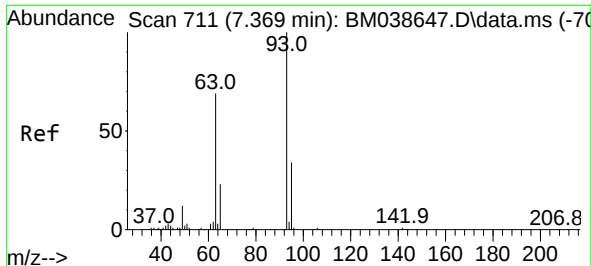
Tgt Ion: 77 Resp: 73084
Ion Ratio Lower Upper
77 100
105 103.7 80.8 120.8
106 99.1 73.8 113.8



#10
Phenol
Concen: 46.931 ng
RT: 7.145 min Scan# 673
Delta R.T. 0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion: 94 Resp: 225736
Ion Ratio Lower Upper
94 100
65 29.3 12.3 52.3
66 43.6 24.2 64.2

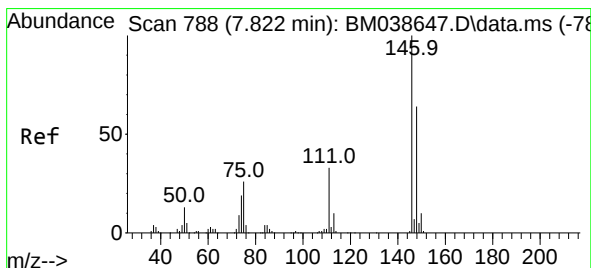
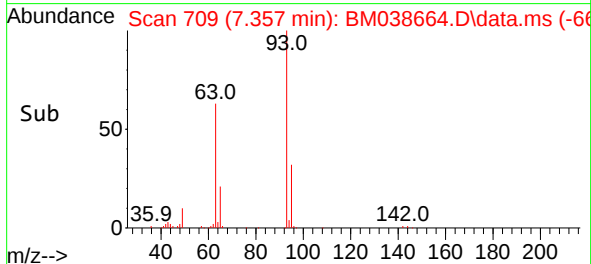
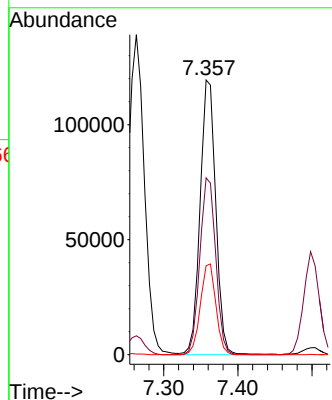
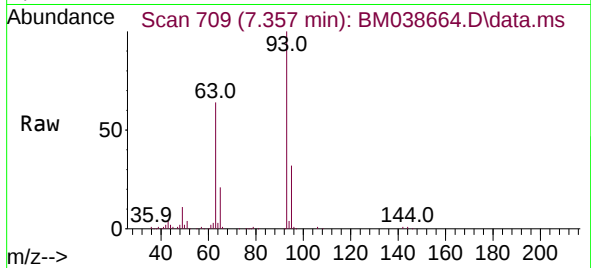




#11
bis(2-Chloroethyl)ether
Concen: 44.992 ng
RT: 7.357 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

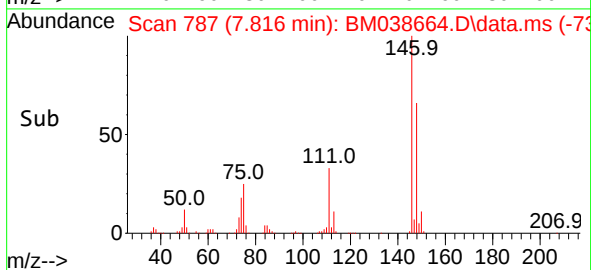
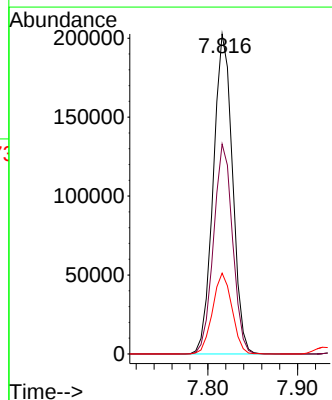
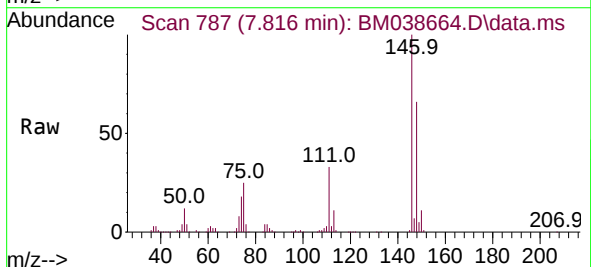
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

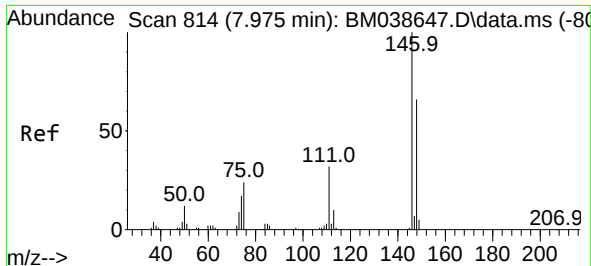
Tgt Ion: 93 Resp: 175256
Ion Ratio Lower Upper
93 100
63 64.4 48.5 88.5
95 32.4 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 51.842 ng
RT: 7.816 min Scan# 787
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion: 146 Resp: 301714
Ion Ratio Lower Upper
146 100
148 65.6 51.5 77.3
75 25.3 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 51.550 ng

RT: 7.969 min Scan# 814

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

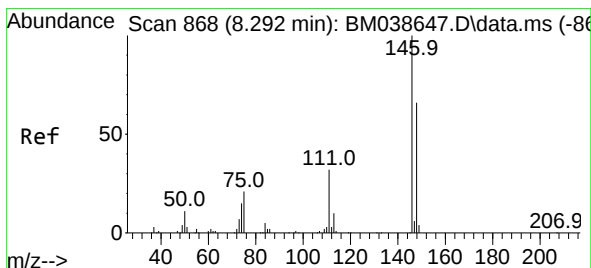
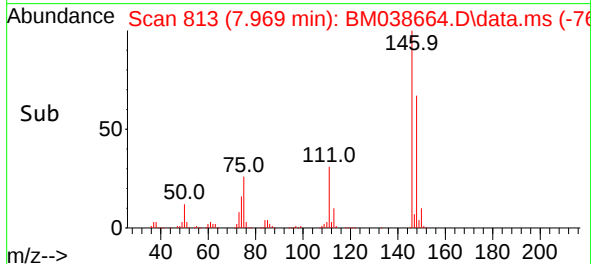
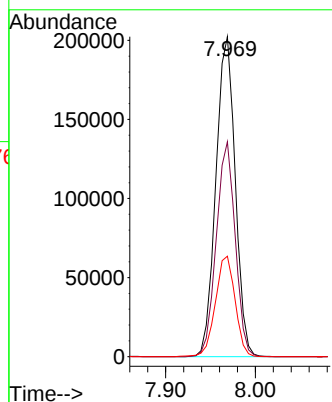
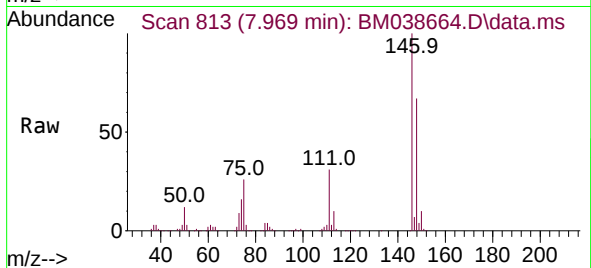
Tgt Ion:146 Resp: 302783

Ion Ratio Lower Upper

146 100

148 67.2 53.1 79.7

111 31.4 25.9 38.9



#14

1,2-Dichlorobenzene

Concen: 51.471 ng

RT: 8.281 min Scan# 866

Delta R.T. -0.012 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

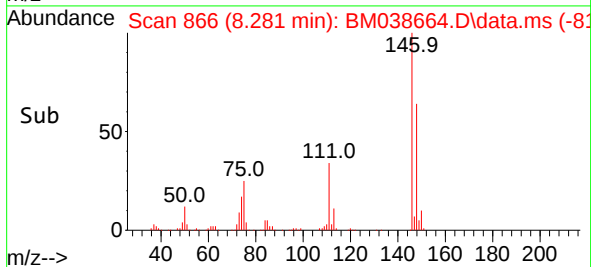
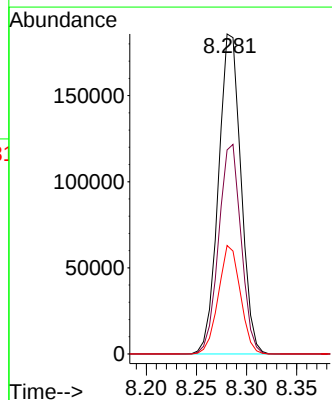
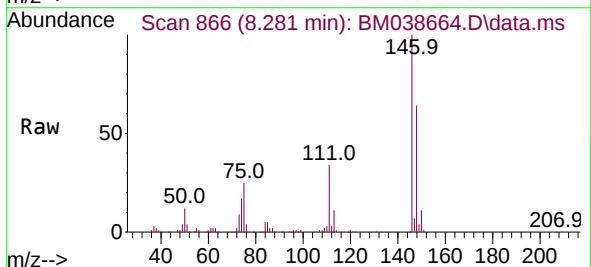
Tgt Ion:146 Resp: 289624

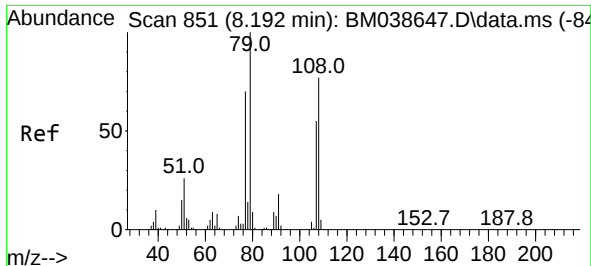
Ion Ratio Lower Upper

146 100

148 63.8 52.9 79.3

111 33.9 26.2 39.2

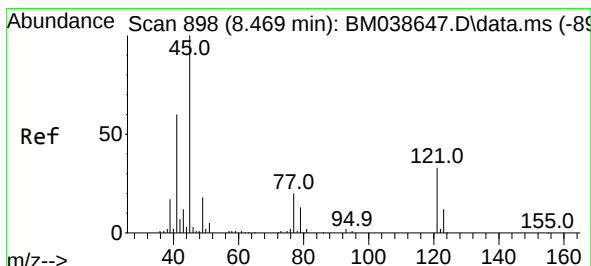
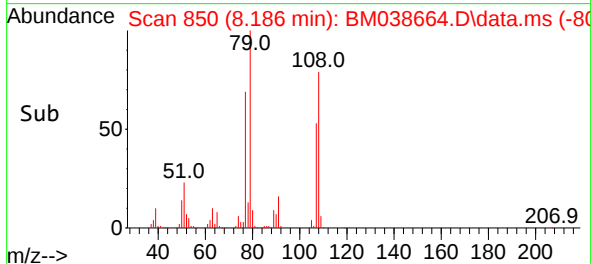
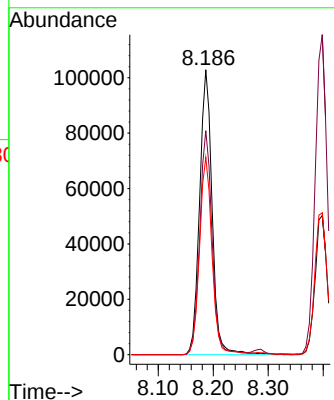
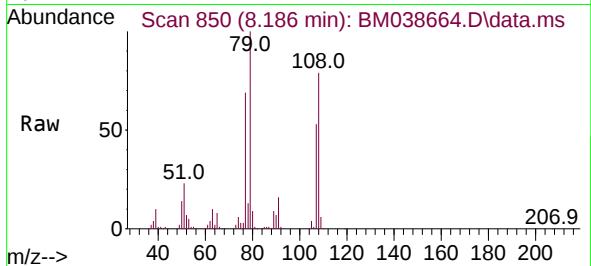




#15
Benzyl Alcohol
Concen: 46.601 ng
RT: 8.186 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

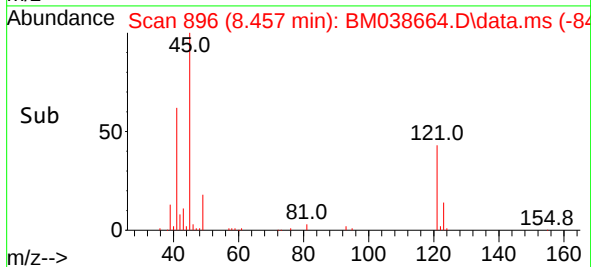
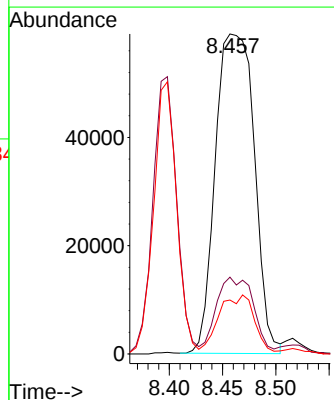
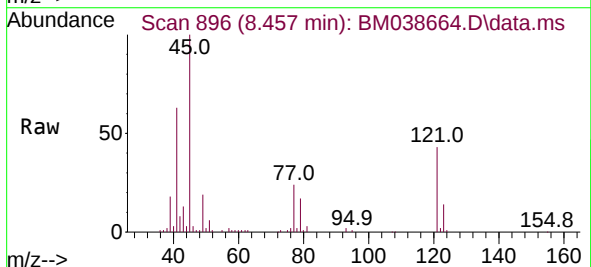
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

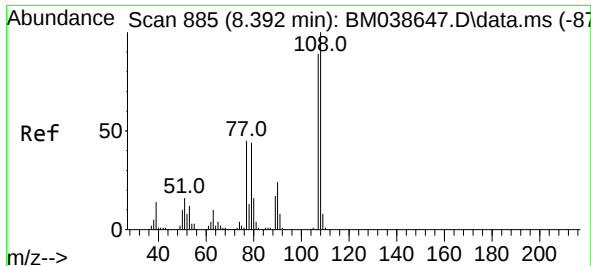
Tgt Ion: 79 Resp: 163306
Ion Ratio Lower Upper
79 100
108 78.6 61.9 92.9
77 69.2 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.664 ng
RT: 8.457 min Scan# 896
Delta R.T. -0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion: 45 Resp: 150034
Ion Ratio Lower Upper
45 100
77 24.0 1.1 41.1
79 16.8 0.0 34.6





#17

2-Methylphenol

Concen: 42.509 ng

RT: 8.398 min Scan# 8

Delta R.T. 0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

Tgt Ion:107 Resp: 156832

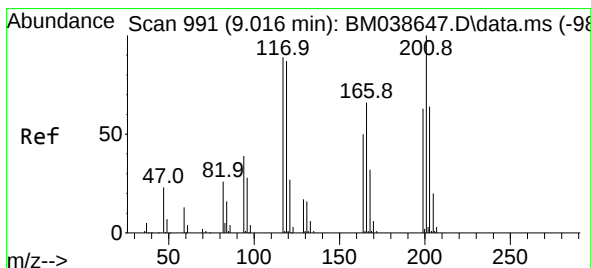
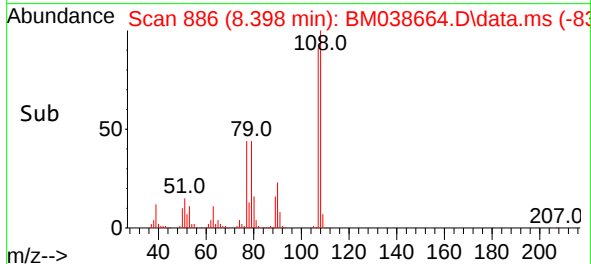
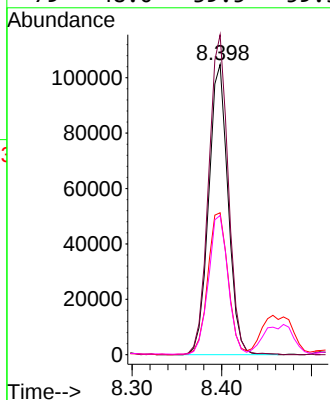
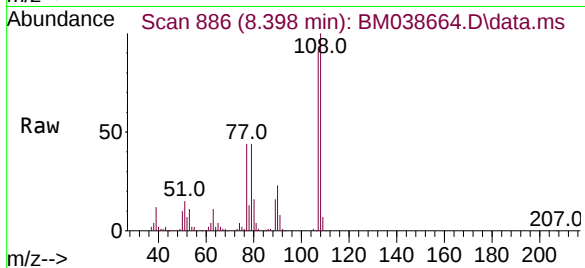
Ion Ratio Lower Upper

107 100

108 110.3 89.6 134.4

77 48.9 40.7 61.1

79 48.0 39.5 59.3



#18

Hexachloroethane

Concen: 52.150 ng

RT: 9.010 min Scan# 990

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

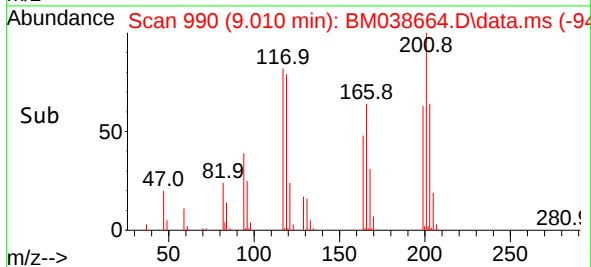
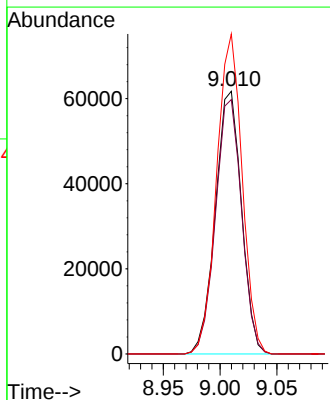
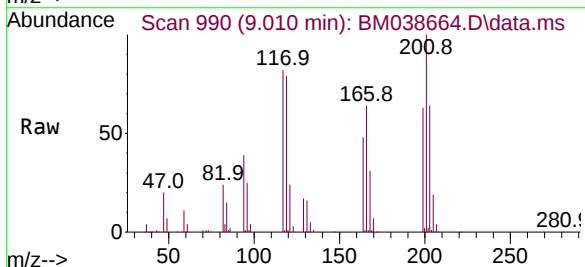
Tgt Ion:117 Resp: 98922

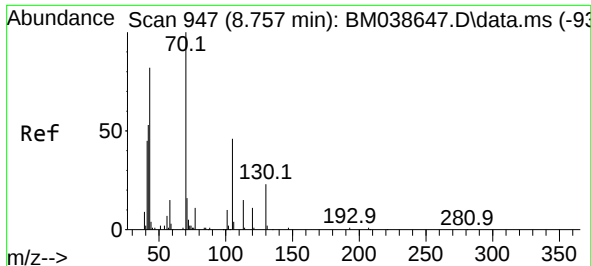
Ion Ratio Lower Upper

117 100

119 96.8 78.6 117.8

201 121.8 90.2 135.2

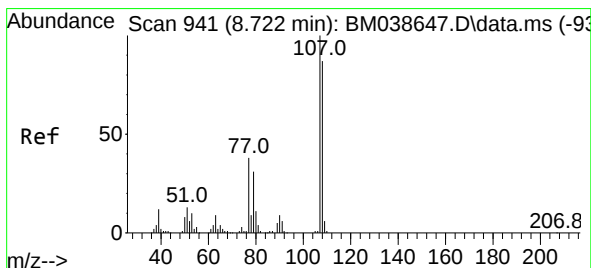
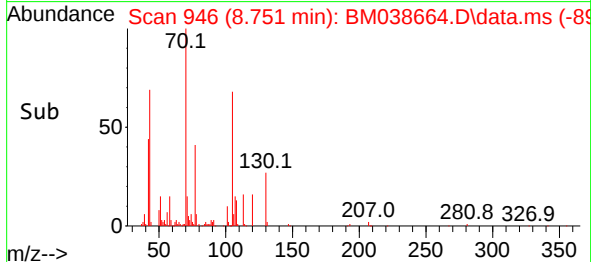
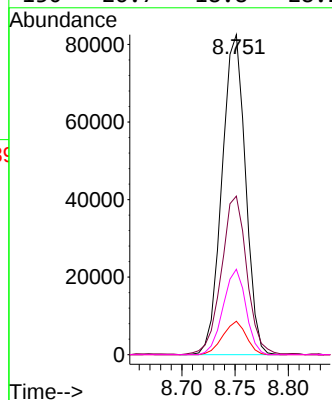
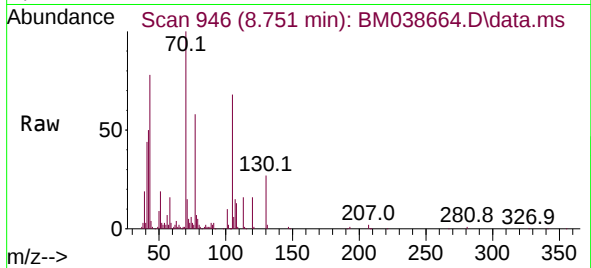




#19
n-Nitroso-di-n-propylamine
Concen: 44.011 ng
RT: 8.751 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

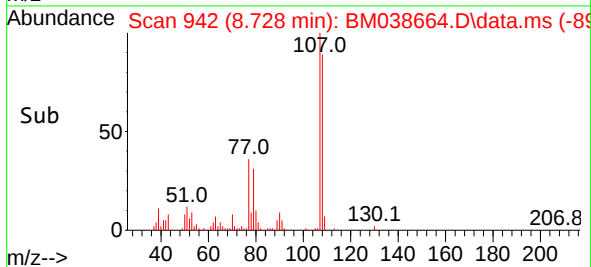
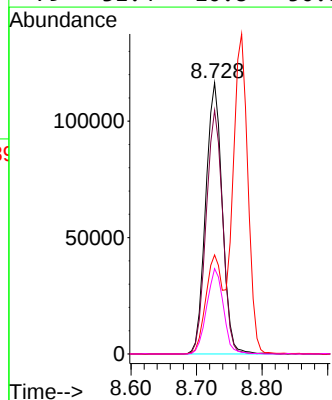
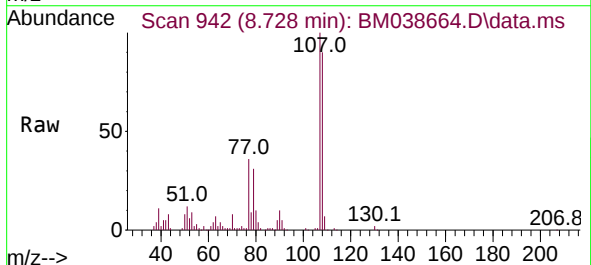
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

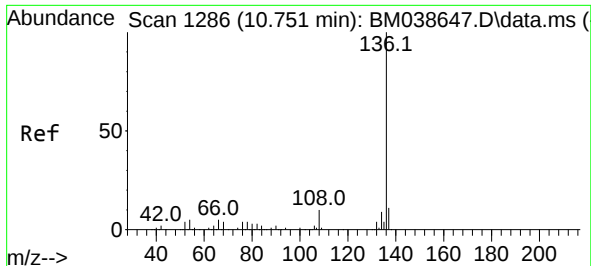
Tgt Ion: 70 Resp: 126305
Ion Ratio Lower Upper
70 100
42 49.6 43.4 65.2
101 10.4 8.2 12.2
130 26.7 18.8 28.2



#20
3+4-Methylphenols
Concen: 41.817 ng
RT: 8.728 min Scan# 942
Delta R.T. 0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion: 107 Resp: 205695
Ion Ratio Lower Upper
107 100
108 89.9 67.2 107.2
77 36.5 17.5 57.5
79 31.4 10.8 50.8

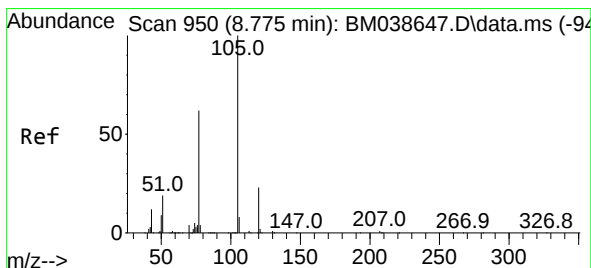
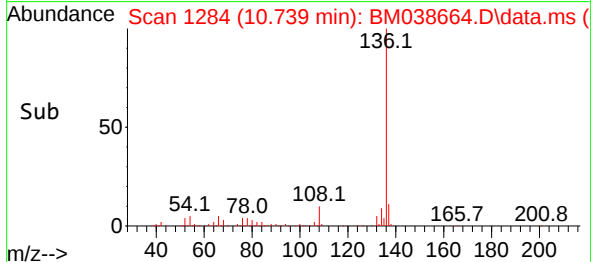
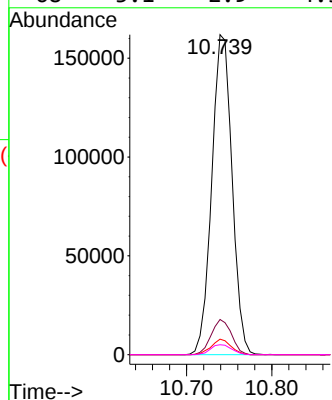
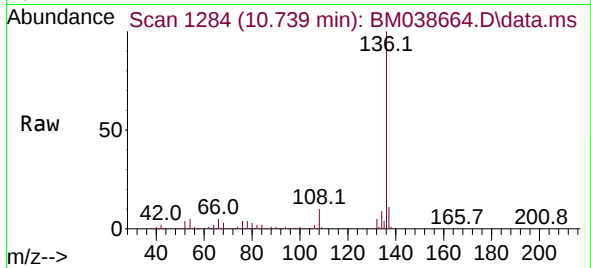




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

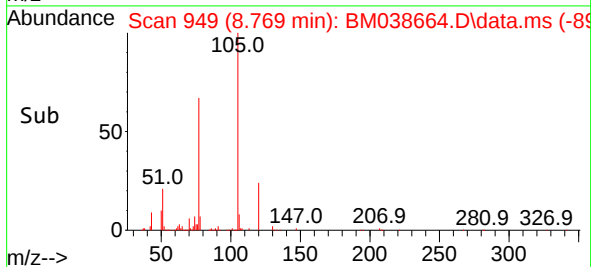
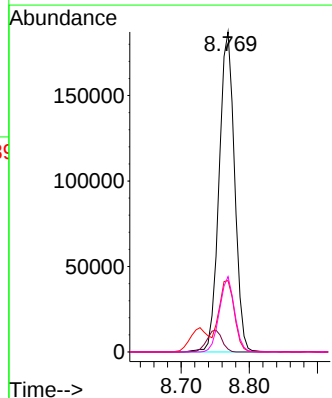
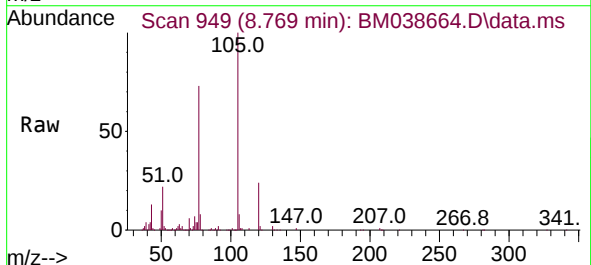
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

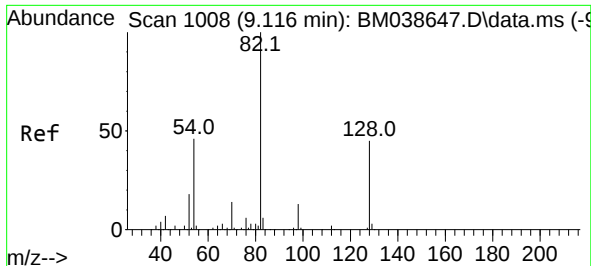
Tgt Ion:136 Resp: 268577
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 4.9 4.2 6.4
68 3.1 2.9 4.3



#22
Acetophenone
Concen: 46.168 ng
RT: 8.769 min Scan# 949
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:105 Resp: 295708
Ion Ratio Lower Upper
105 100
71 0.9 0.9 1.3
51 22.3 19.3 28.9
120 23.5 18.0 27.0

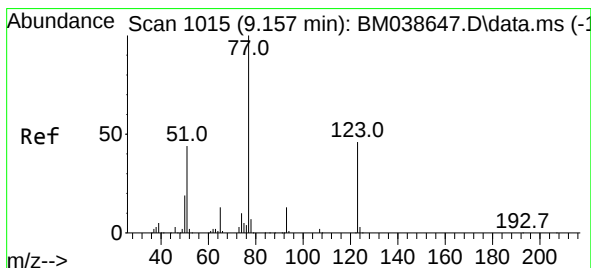
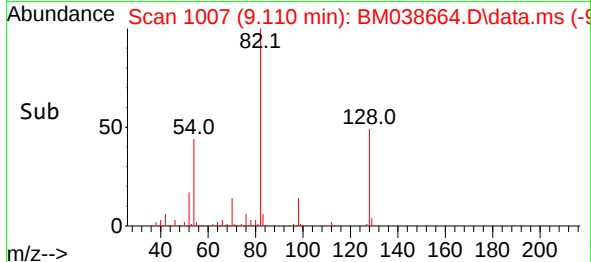
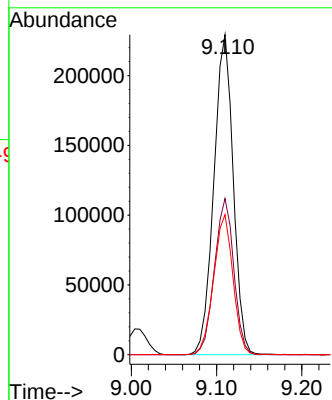
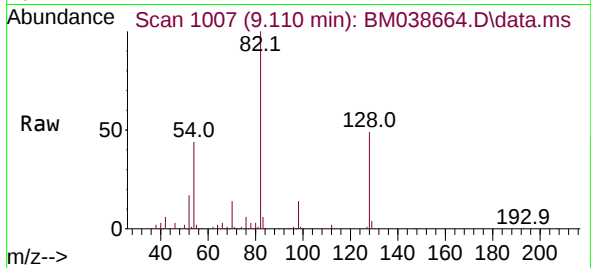




#23
Nitrobenzene-d5
Concen: 76.701 ng
RT: 9.110 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

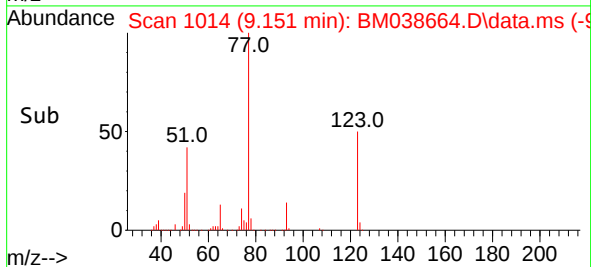
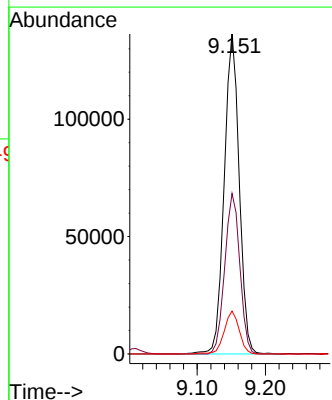
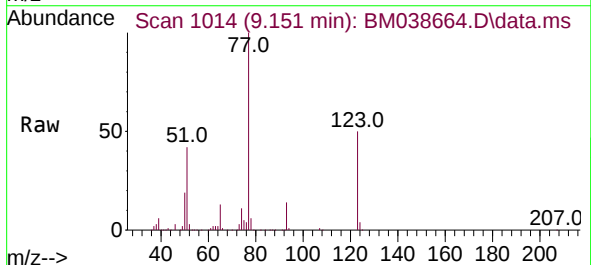
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

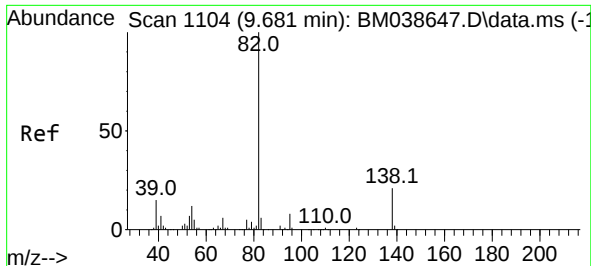
Tgt Ion: 82 Resp: 362676
Ion Ratio Lower Upper
82 100
128 48.8 36.0 54.0
54 43.8 36.8 55.2



#24
Nitrobenzene
Concen: 43.521 ng
RT: 9.151 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion: 77 Resp: 208874
Ion Ratio Lower Upper
77 100
123 50.2 36.5 54.7
65 13.4 10.7 16.1

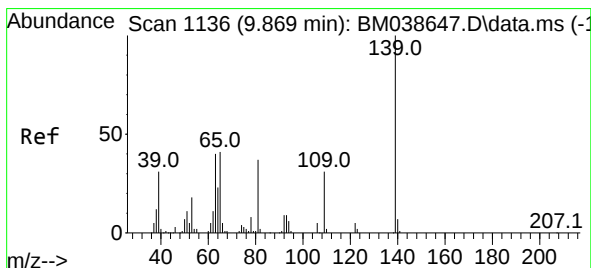
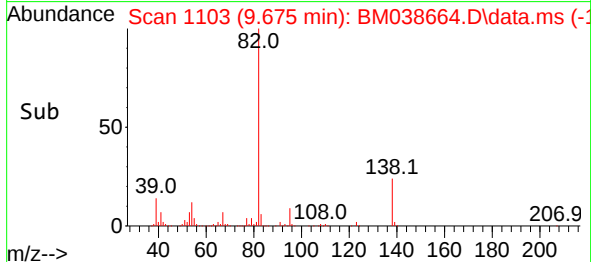
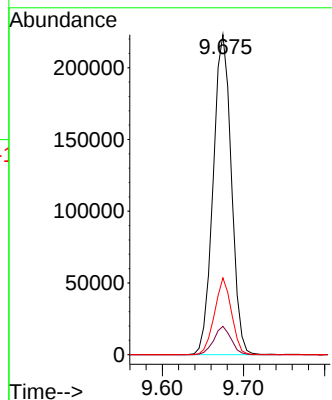
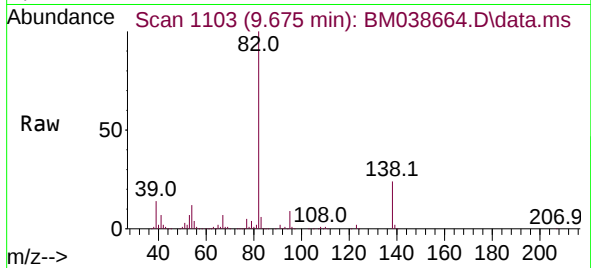




#25
Isophorone
Concen: 41.906 ng
RT: 9.675 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

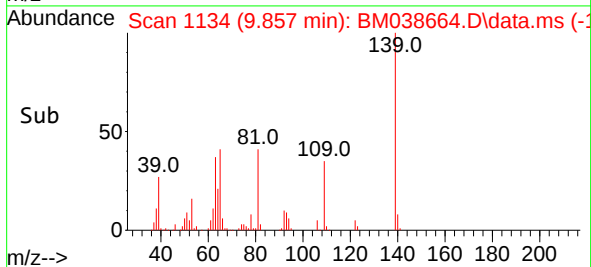
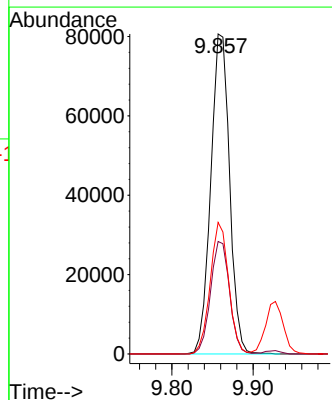
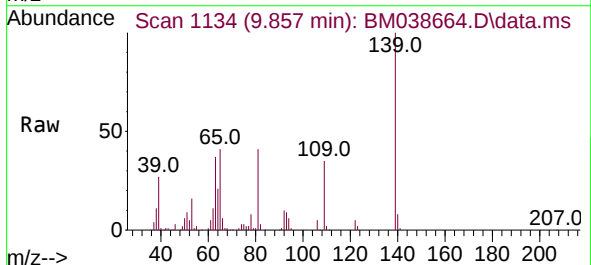
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

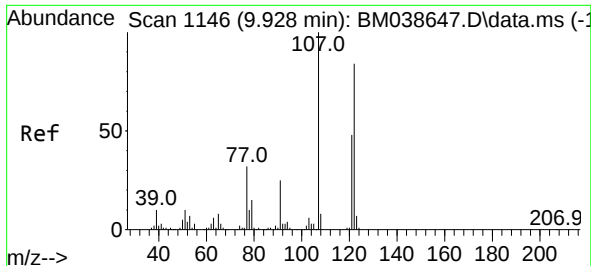
Tgt Ion: 82 Resp: 347120
Ion Ratio Lower Upper
82 100
95 8.9 6.4 9.6
138 24.0 17.0 25.6



#26
2-Nitrophenol
Concen: 48.594 ng
RT: 9.857 min Scan# 1134
Delta R.T. -0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion: 139 Resp: 129775
Ion Ratio Lower Upper
139 100
109 35.2 24.5 36.7
65 41.1 32.6 49.0





#27

2,4-Dimethylphenol

Concen: 46.472 ng

RT: 9.927 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BM038664.D

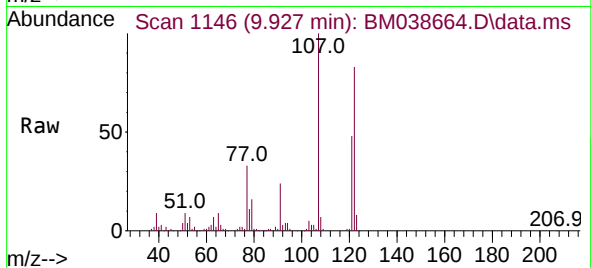
Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS



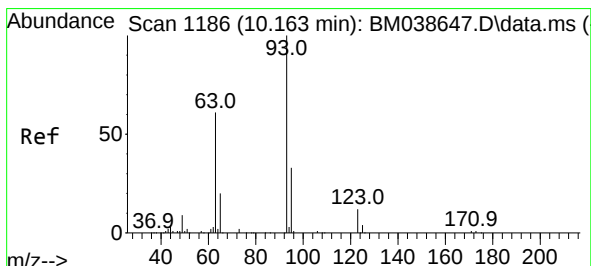
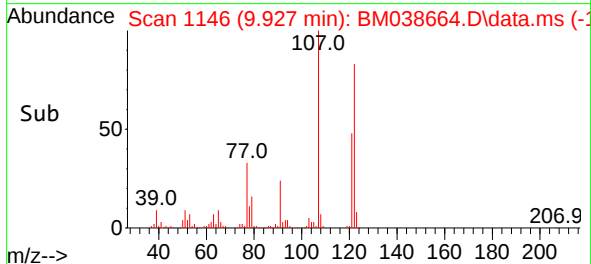
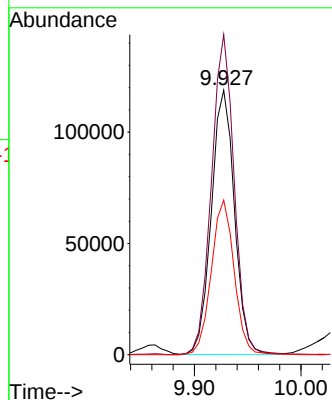
Tgt Ion:122 Resp: 179064

Ion Ratio Lower Upper

122 100

107 121.0 94.9 142.3

121 58.4 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.210 ng

RT: 10.157 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

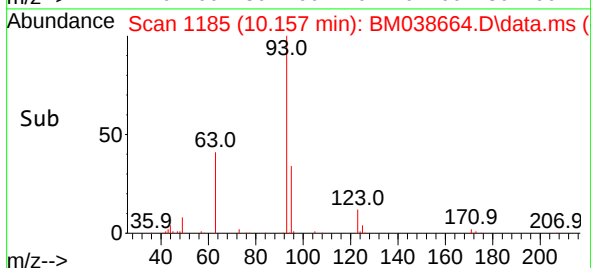
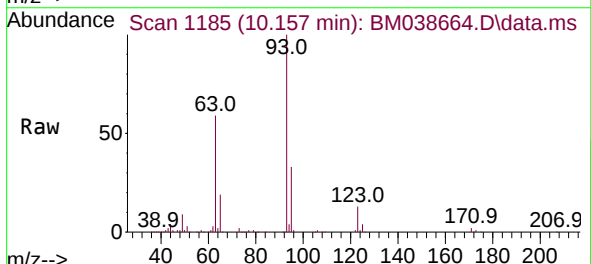
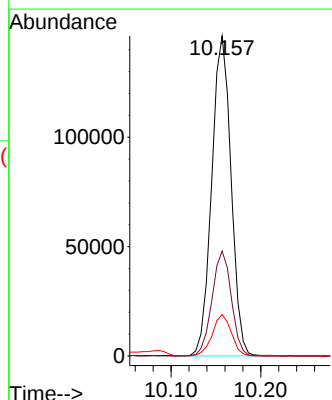
Tgt Ion: 93 Resp: 218735

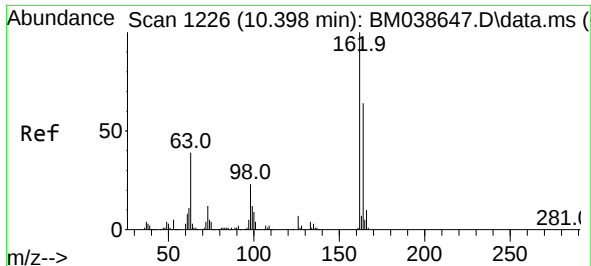
Ion Ratio Lower Upper

93 100

95 32.8 26.6 40.0

123 12.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 45.611 ng

RT: 10.404 min Scan# 1227

Delta R.T. 0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

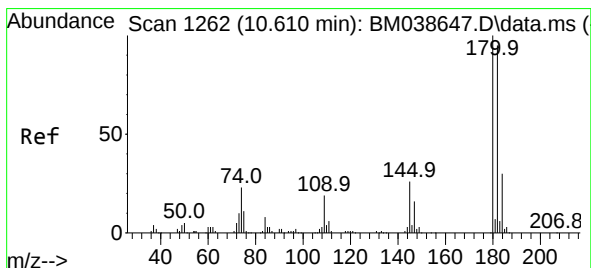
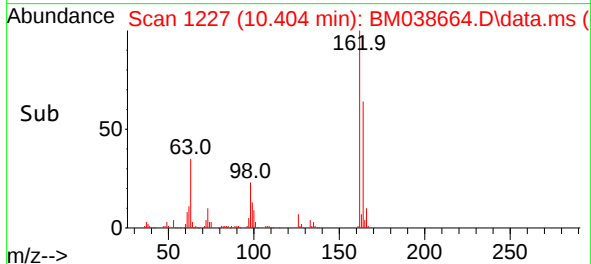
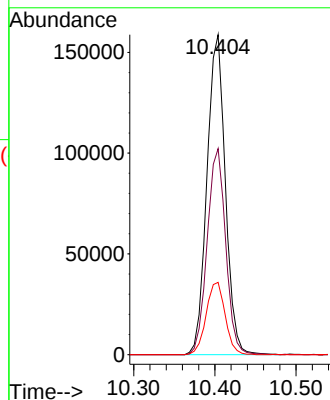
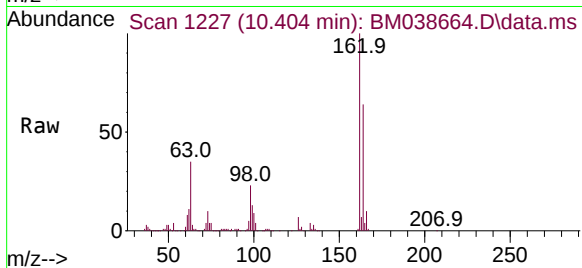
Tgt Ion:162 Resp: 249686

Ion Ratio Lower Upper

162 100

164 64.4 44.3 84.3

98 22.6 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 50.097 ng

RT: 10.604 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

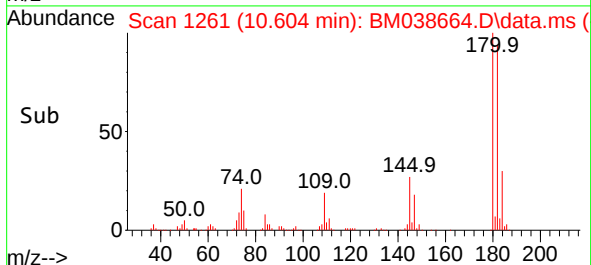
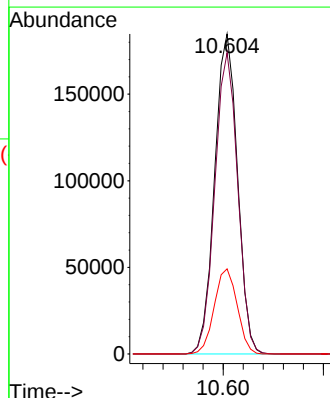
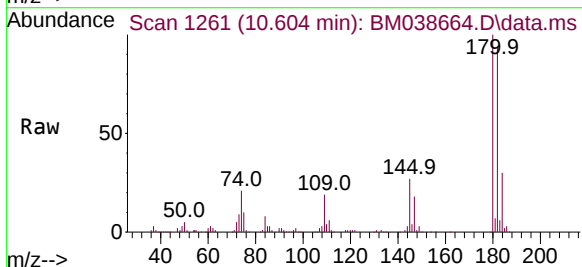
Tgt Ion:180 Resp: 291722

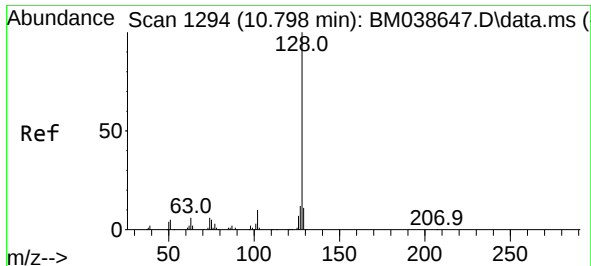
Ion Ratio Lower Upper

180 100

182 94.1 76.2 114.2

145 26.6 20.8 31.2

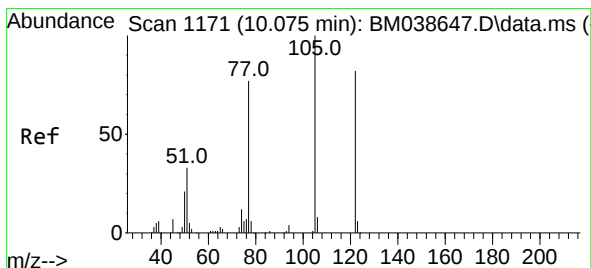
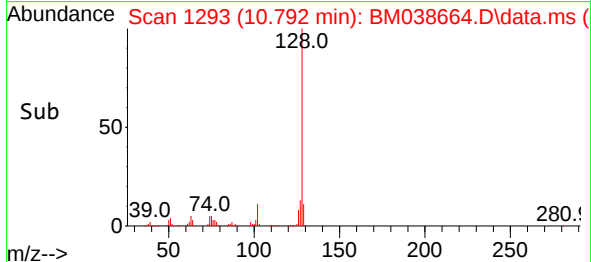
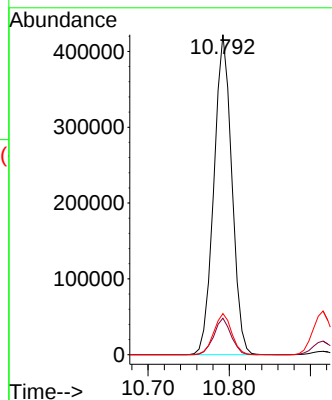
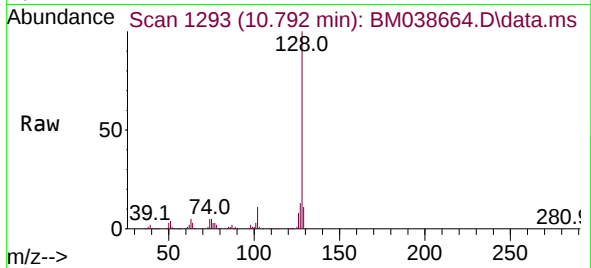




#31
Naphthalene
Concen: 46.904 ng
RT: 10.792 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

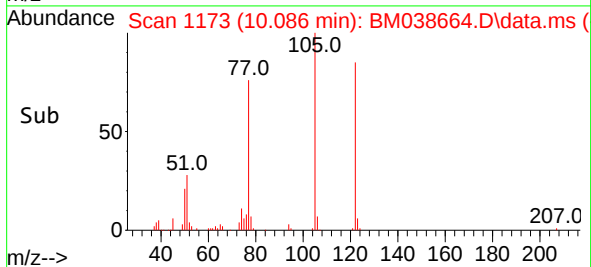
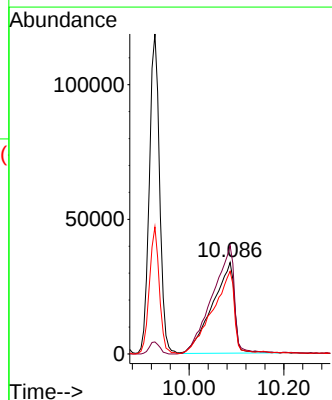
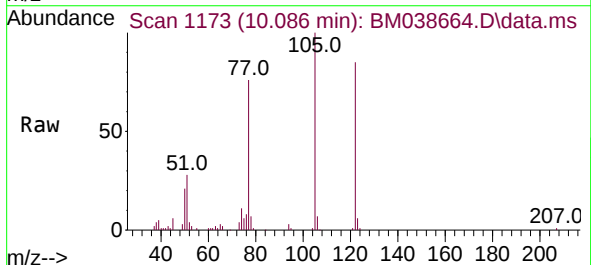
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

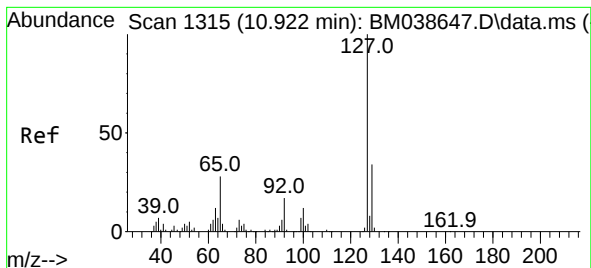
Tgt Ion:128 Resp: 646444
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 12.9 9.9 14.9



#32
Benzoic acid
Concen: 35.035 ng
RT: 10.086 min Scan# 1173
Delta R.T. 0.011 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:122 Resp: 109277
Ion Ratio Lower Upper
122 100
105 118.3 99.2 139.2
77 90.3 72.3 112.3





#33

4-Chloroaniline

Concen: 15.824 ng

RT: 10.916 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

Tgt Ion:127 Resp: 95577

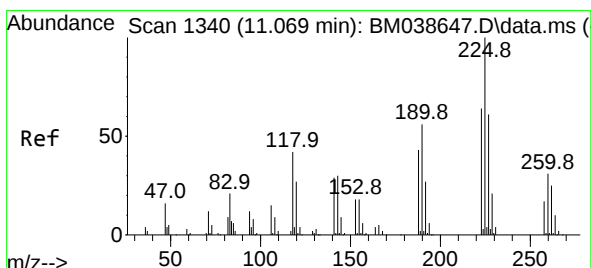
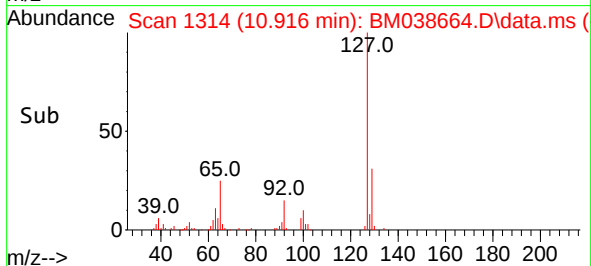
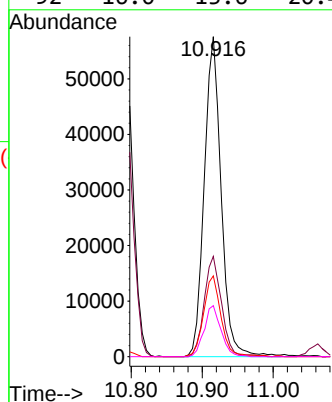
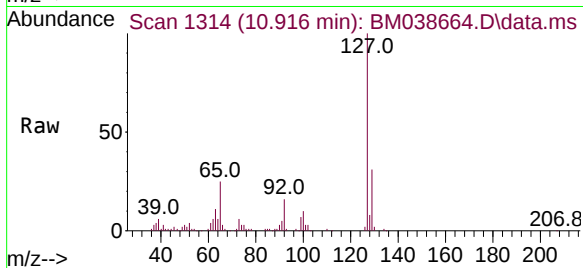
Ion Ratio Lower Upper

127 100

129 31.4 27.1 40.7

65 25.2 22.2 33.4

92 16.0 13.6 20.4



#34

Hexachlorobutadiene

Concen: 53.058 ng

RT: 11.063 min Scan# 1339

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

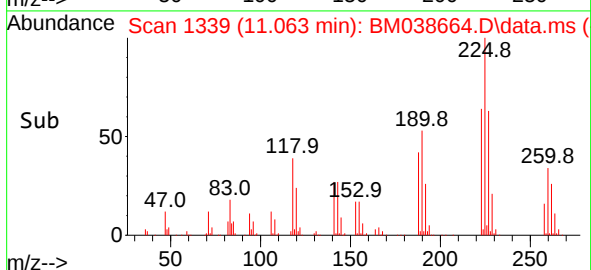
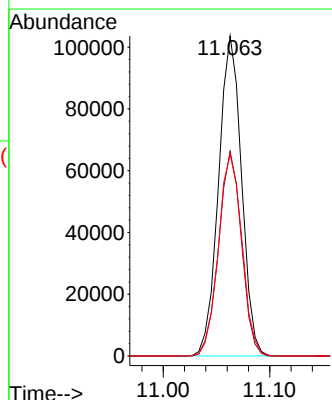
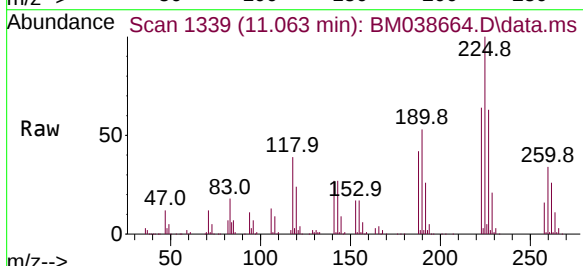
Tgt Ion:225 Resp: 154771

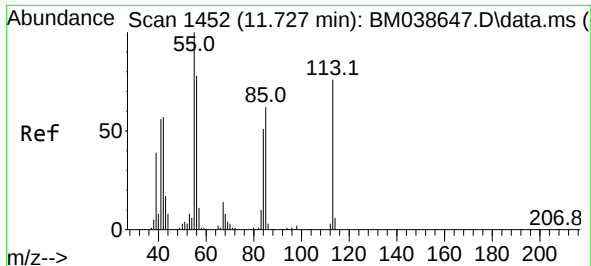
Ion Ratio Lower Upper

225 100

223 63.9 51.0 76.4

227 63.0 49.2 73.8

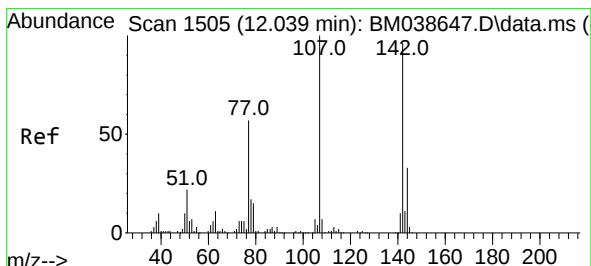
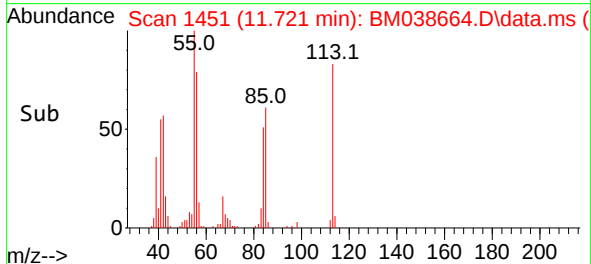
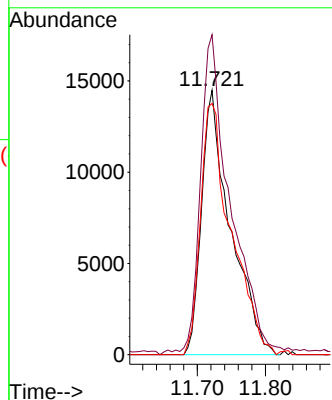
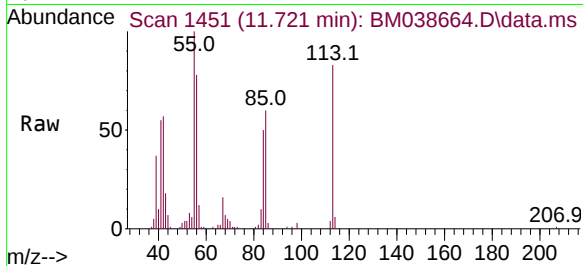




#35
Caprolactam
Concen: 36.166 ng
RT: 11.721 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

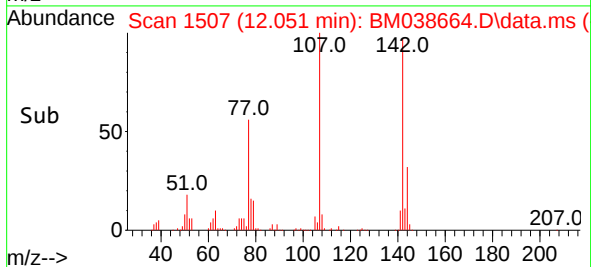
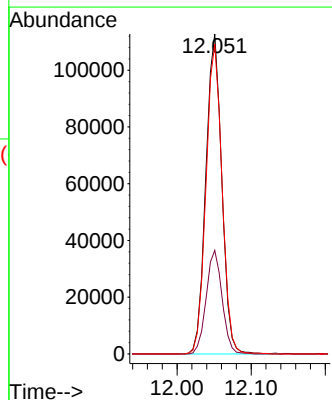
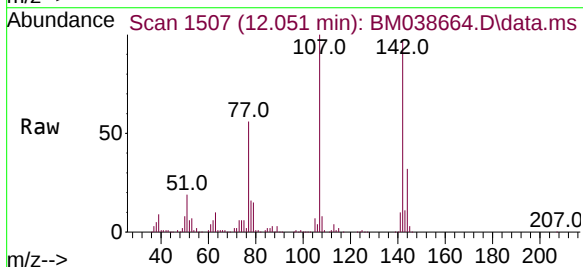
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

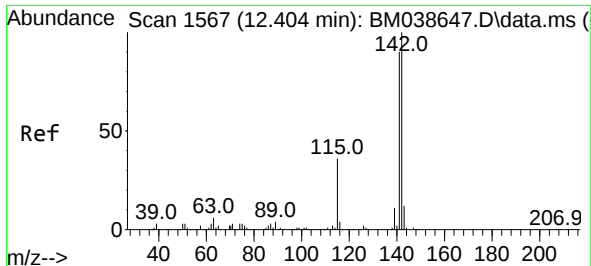
Tgt Ion:113 Resp: 42639
Ion Ratio Lower Upper
113 100
55 121.1 111.2 151.2
56 95.0 82.0 122.0



#36
4-Chloro-3-methylphenol
Concen: 41.561 ng
RT: 12.051 min Scan# 1507
Delta R.T. 0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:107 Resp: 168232
Ion Ratio Lower Upper
107 100
144 32.4 26.5 39.7
142 96.8 77.0 115.6





#37

2-Methylnaphthalene

Concen: 43.908 ng

RT: 12.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

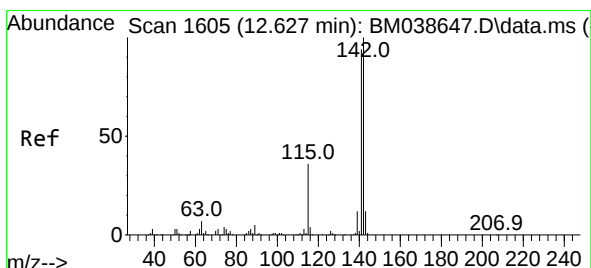
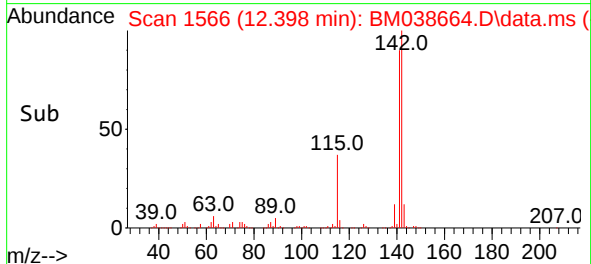
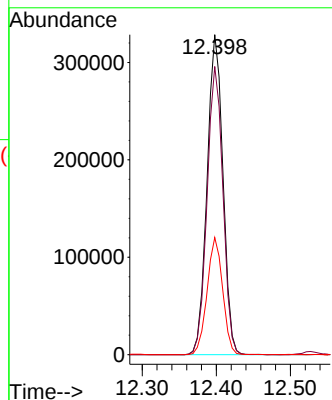
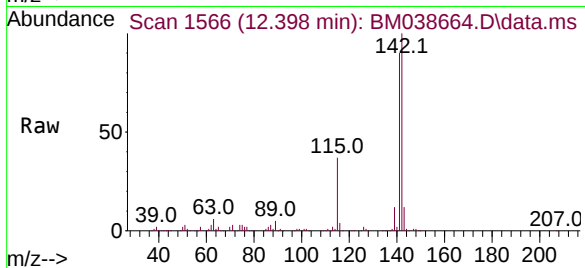
Tgt Ion:142 Resp: 489025

Ion Ratio Lower Upper

142 100

141 90.0 71.8 107.8

115 36.6 28.7 43.1



#38

1-Methylnaphthalene

Concen: 42.423 ng

RT: 12.616 min Scan# 1603

Delta R.T. -0.012 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

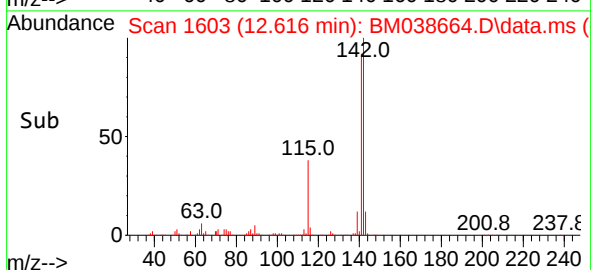
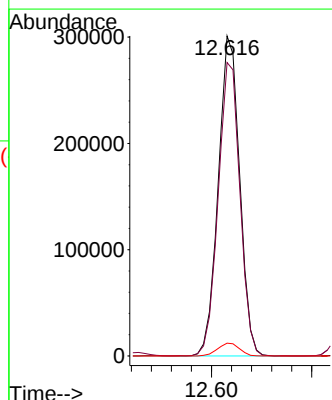
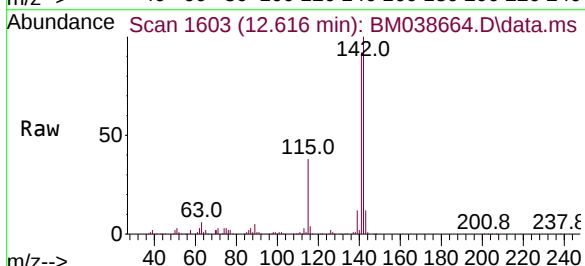
Tgt Ion:142 Resp: 445218

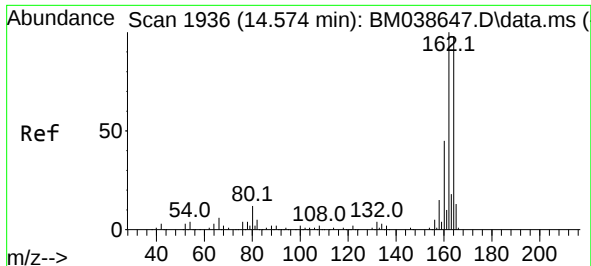
Ion Ratio Lower Upper

142 100

141 91.7 75.5 113.3

116 4.0 3.1 4.7

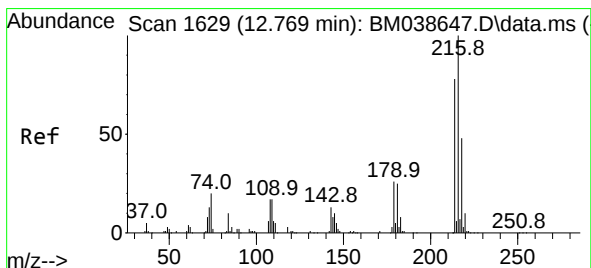
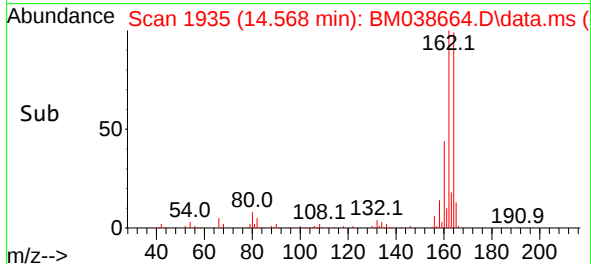
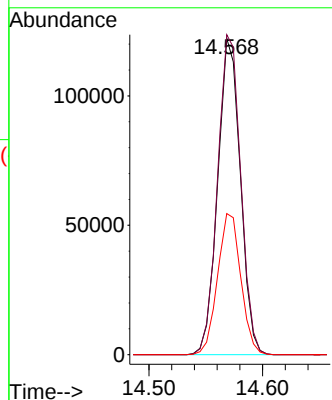
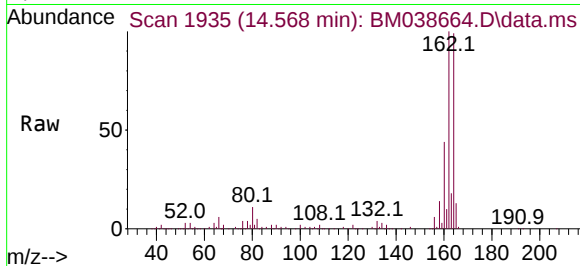




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

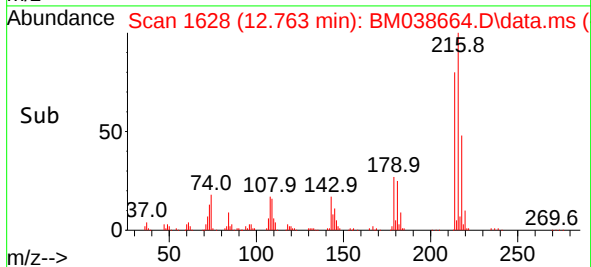
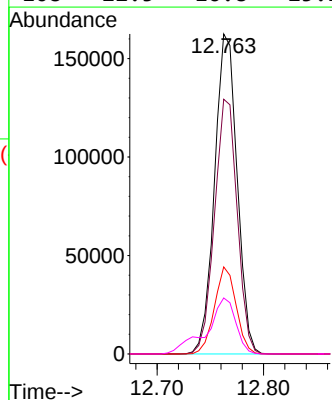
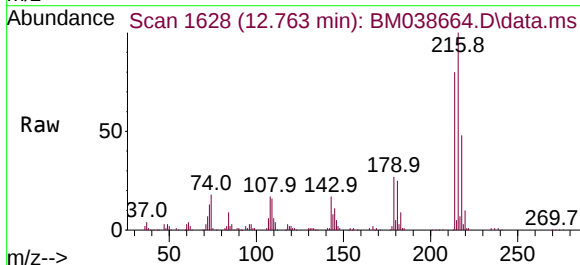
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

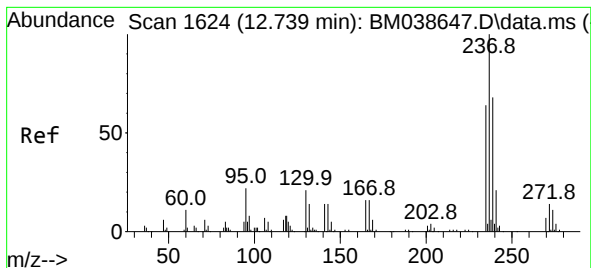
Tgt Ion:164 Resp: 169404
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 44.6 36.5 54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.218 ng
RT: 12.763 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:216 Resp: 239034
Ion Ratio Lower Upper
216 100
214 79.8 63.4 95.0
179 26.1 21.0 31.4
108 22.5 16.8 25.2





#41

Hexachlorocyclopentadiene

Concen: 112.453 ng

RT: 12.733 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

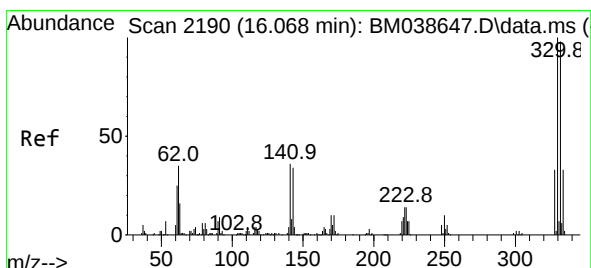
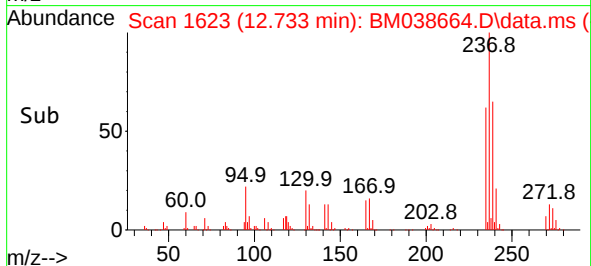
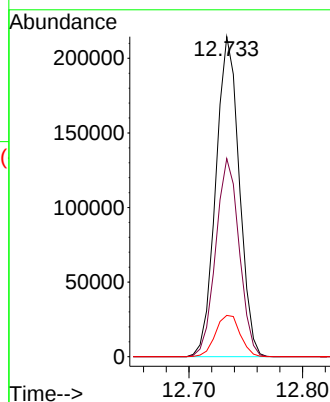
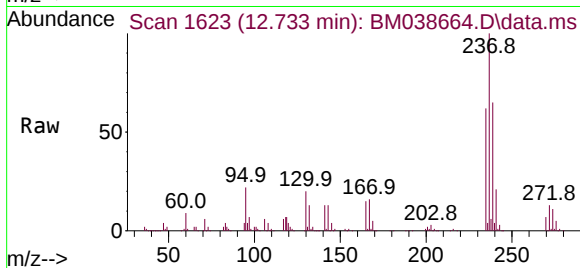
Tgt Ion:237 Resp: 307650

Ion Ratio Lower Upper

237 100

235 61.9 43.8 83.8

272 12.9 0.0 33.8



#42

2,4,6-Tribromophenol

Concen: 122.645 ng

RT: 16.062 min Scan# 2189

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

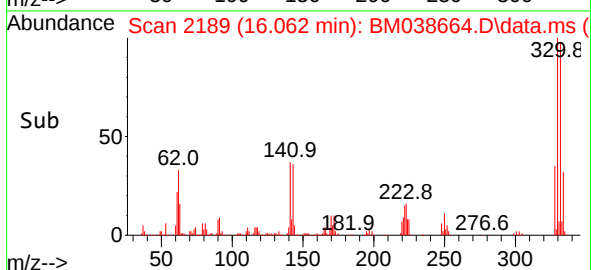
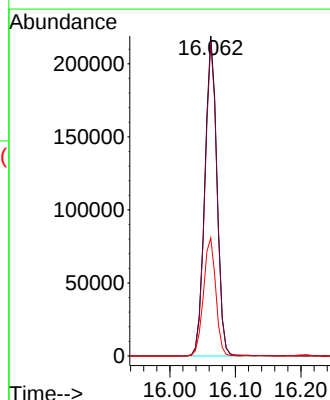
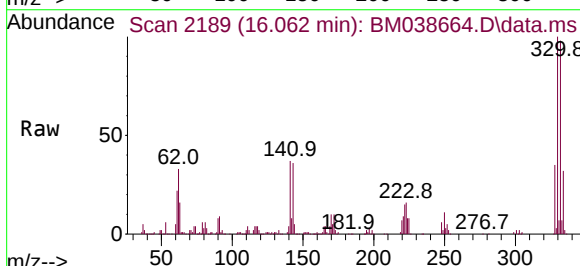
Tgt Ion:330 Resp: 282398

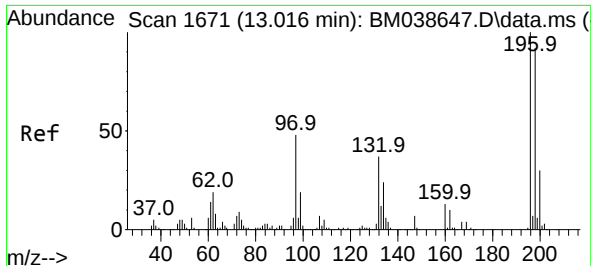
Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.6

141 37.1 31.0 46.6

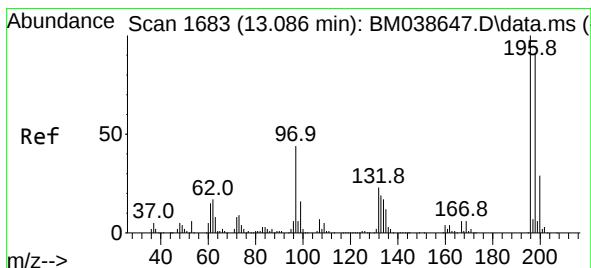
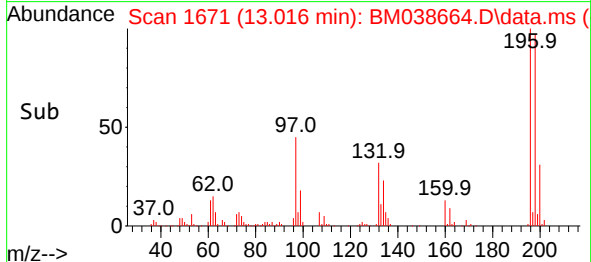
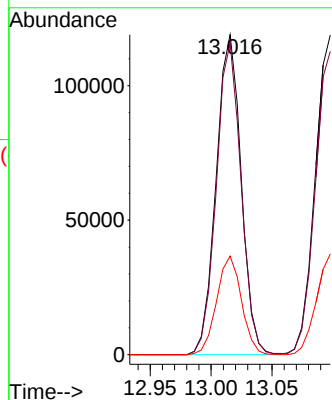
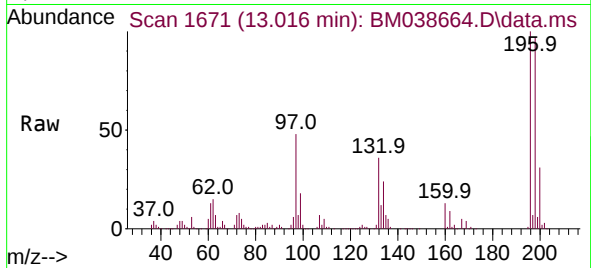




#43
2,4,6-Trichlorophenol
Concen: 49.045 ng
RT: 13.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

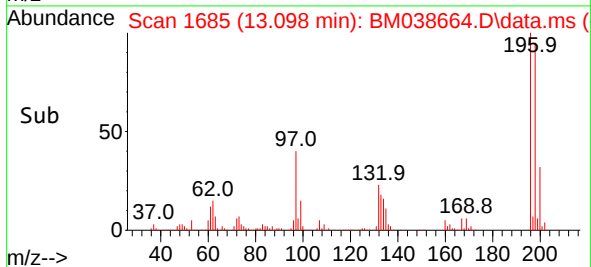
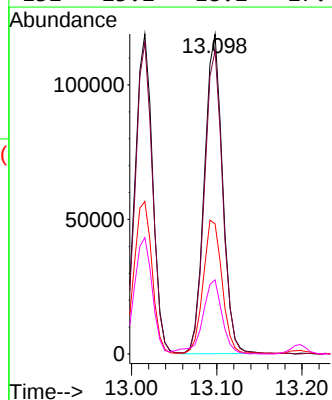
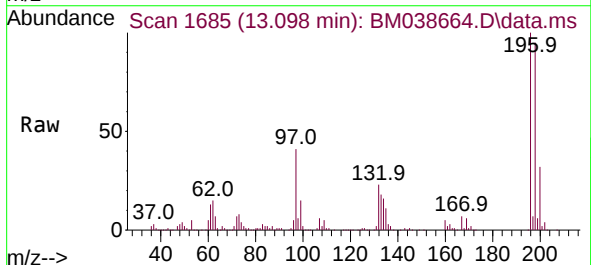
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

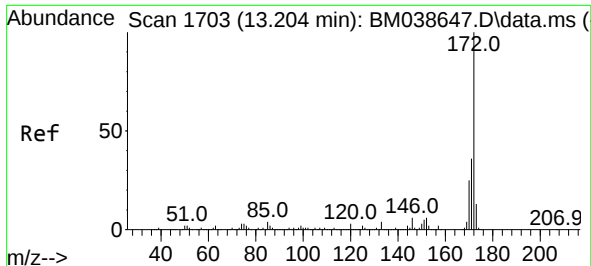
Tgt Ion:196 Resp: 169873
Ion Ratio Lower Upper
196 100
198 97.3 73.7 110.5
200 30.8 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 43.224 ng
RT: 13.098 min Scan# 1685
Delta R.T. 0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:196 Resp: 176175
Ion Ratio Lower Upper
196 100
198 94.9 73.1 109.7
97 40.7 35.5 53.3
132 23.2 18.2 27.4

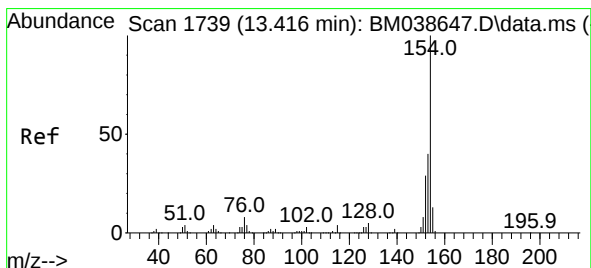
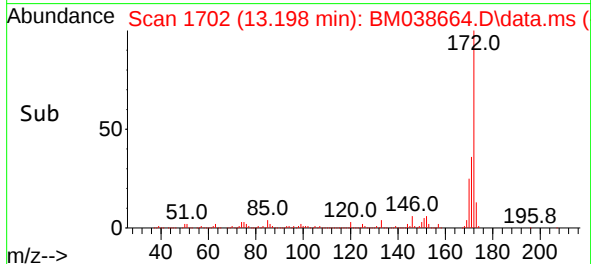
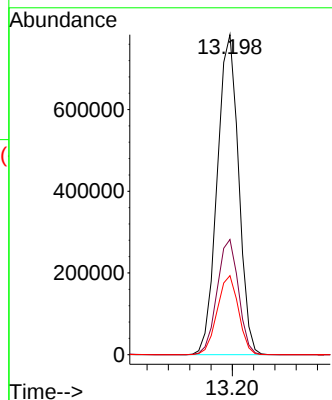
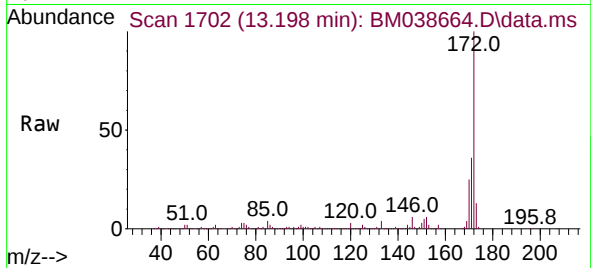




#45
2-Fluorobiphenyl
Concen: 81.945 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

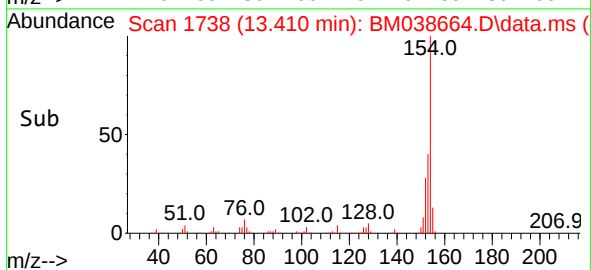
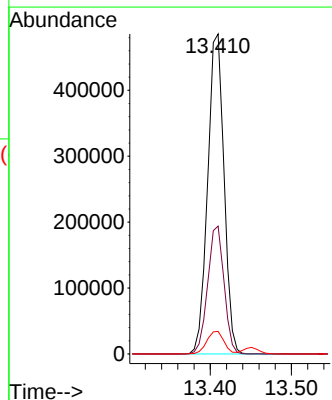
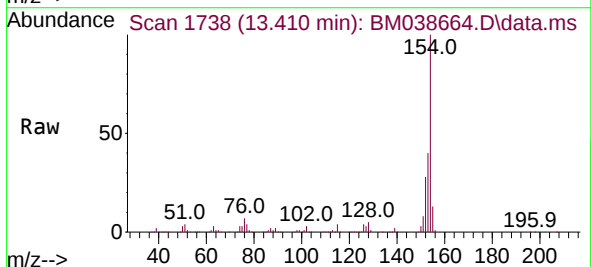
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

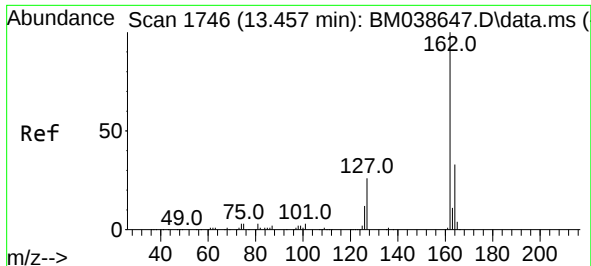
Tgt Ion:172 Resp: 1090396
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.7 20.0 30.0



#46
1,1'-Biphenyl
Concen: 50.505 ng
RT: 13.410 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:154 Resp: 677736
Ion Ratio Lower Upper
154 100
153 39.9 19.9 59.9
76 7.1 0.0 27.9

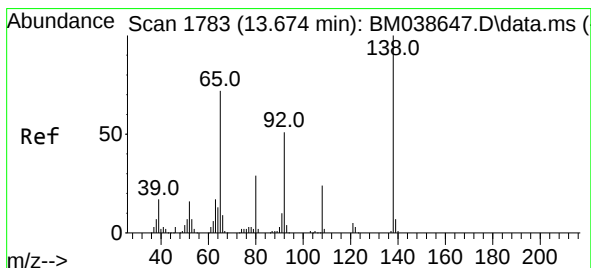
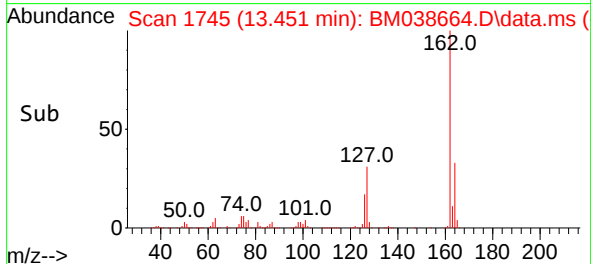
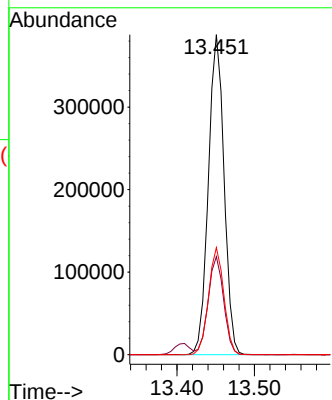
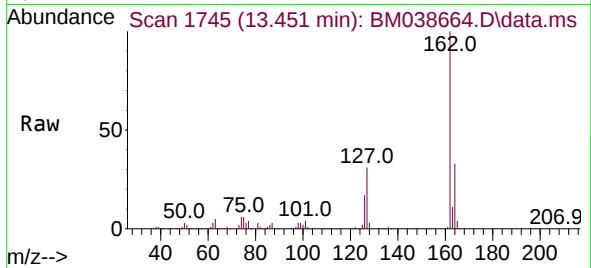




#47
2-Chloronaphthalene
Concen: 51.568 ng
RT: 13.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

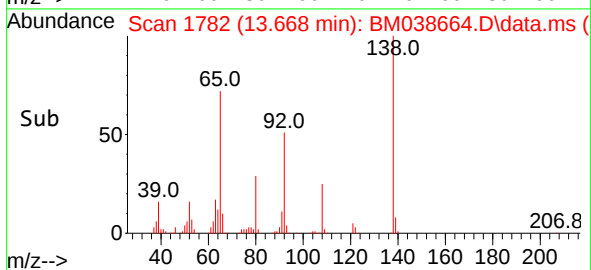
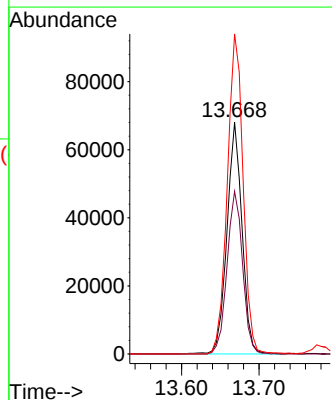
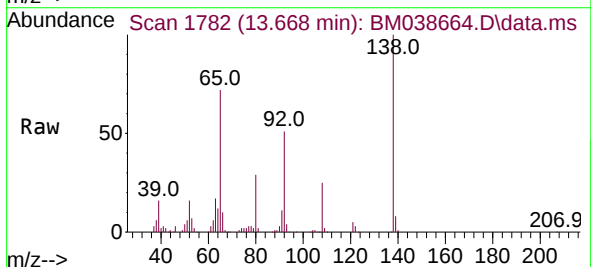
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

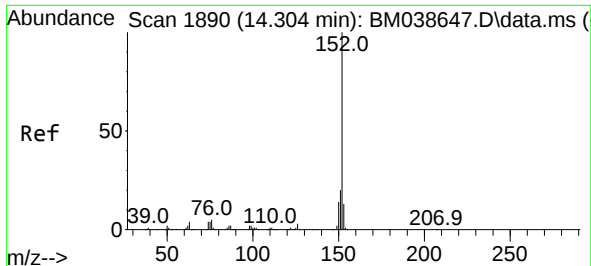
Tgt Ion:162 Resp: 544526
Ion Ratio Lower Upper
162 100
127 30.7 23.6 35.4
164 33.5 26.7 40.1



#48
2-Nitroaniline
Concen: 39.062 ng
RT: 13.668 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion: 65 Resp: 92079
Ion Ratio Lower Upper
65 100
92 70.2 55.9 83.9
138 138.1 110.6 166.0

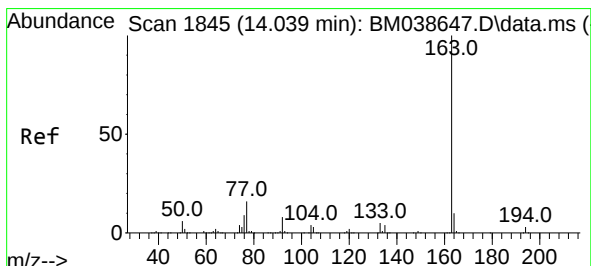
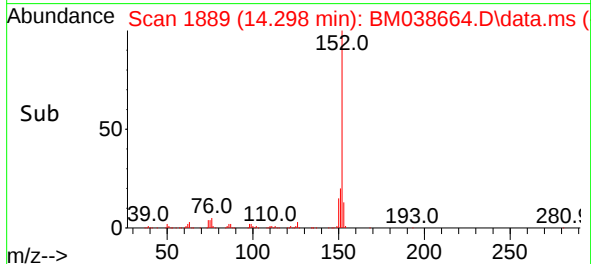
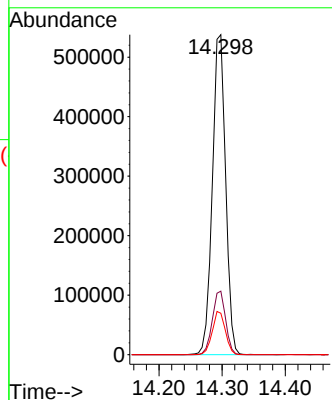
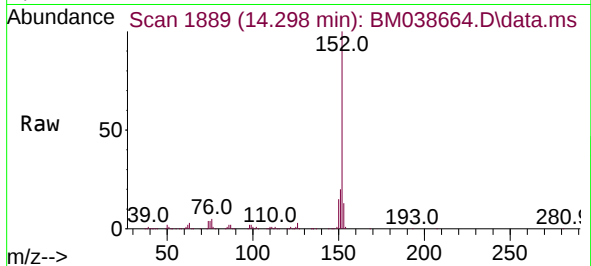




#49
Acenaphthylene
Concen: 47.105 ng
RT: 14.298 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

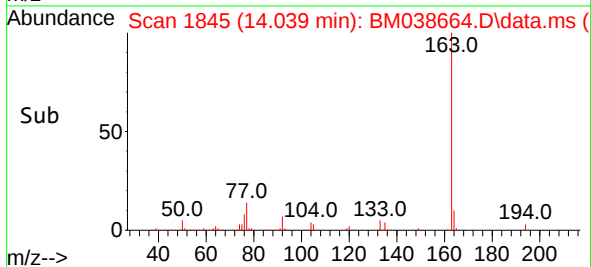
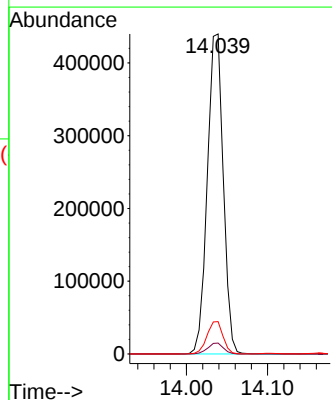
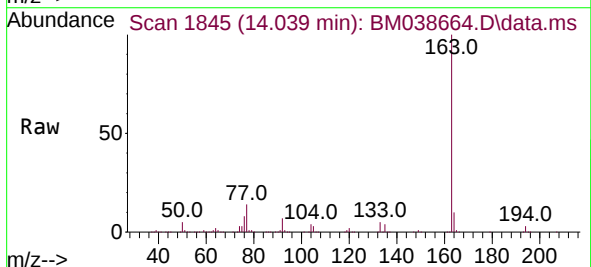
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

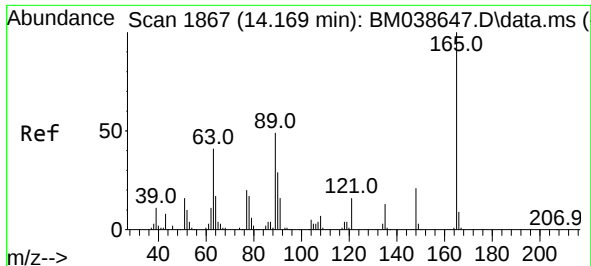
Tgt Ion:152 Resp: 783440
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 12.9 10.0 15.0



#50
Dimethylphthalate
Concen: 43.326 ng
RT: 14.039 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:163 Resp: 598945
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 8.2 12.4

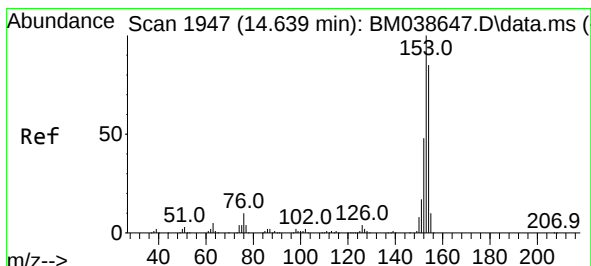
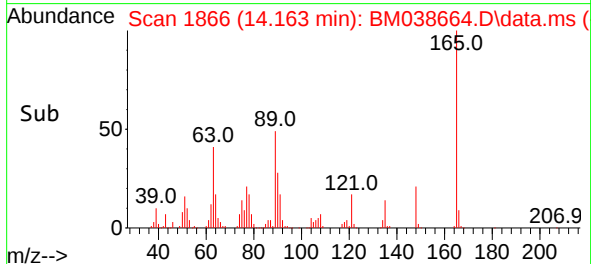
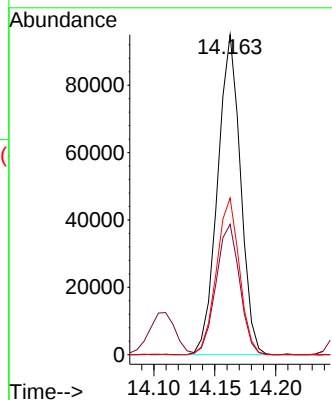
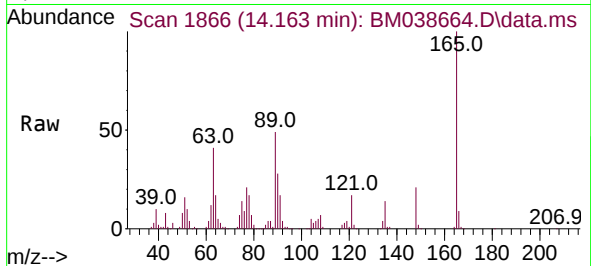




#51
2,6-Dinitrotoluene
Concen: 44.177 ng
RT: 14.163 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

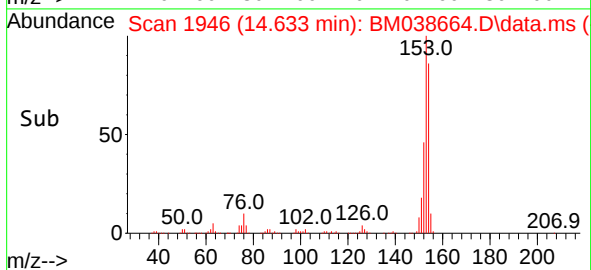
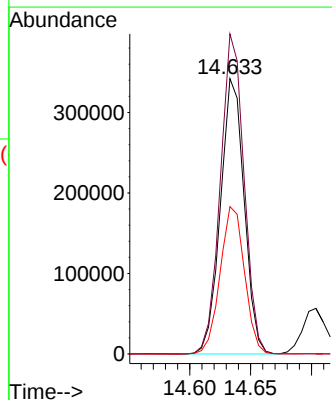
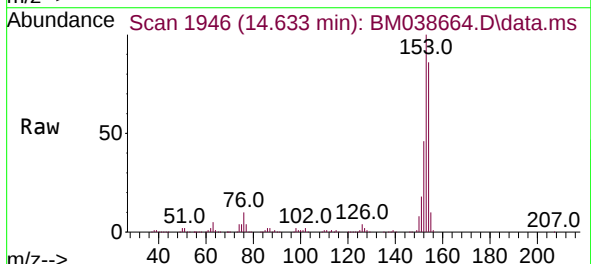
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

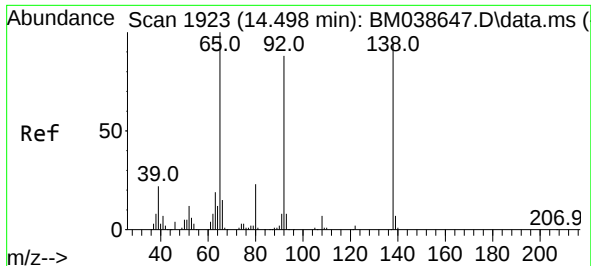
Tgt Ion:165 Resp: 124127
Ion Ratio Lower Upper
165 100
63 40.7 35.8 53.8
89 49.0 39.3 58.9



#52
Acenaphthene
Concen: 46.727 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:154 Resp: 464036
Ion Ratio Lower Upper
154 100
153 116.2 93.7 140.5
152 53.5 44.6 67.0

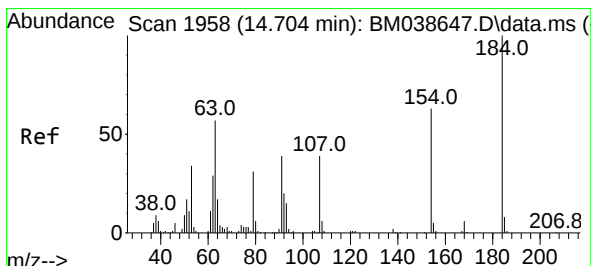
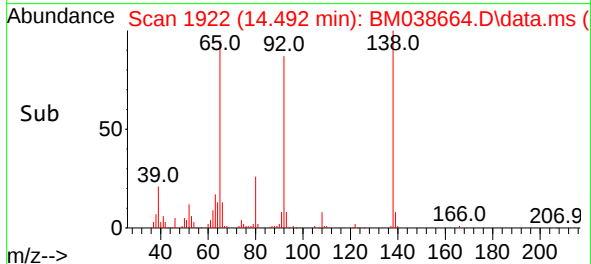
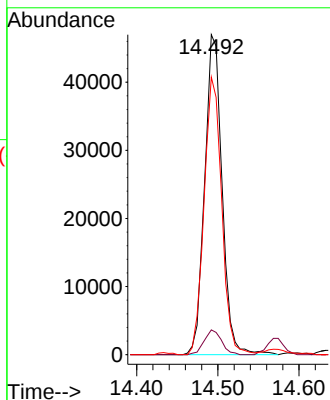
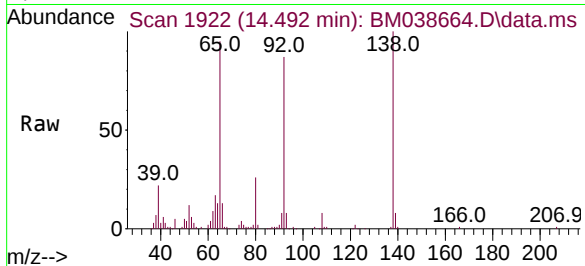




#53
3-Nitroaniline
Concen: 24.651 ng
RT: 14.492 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

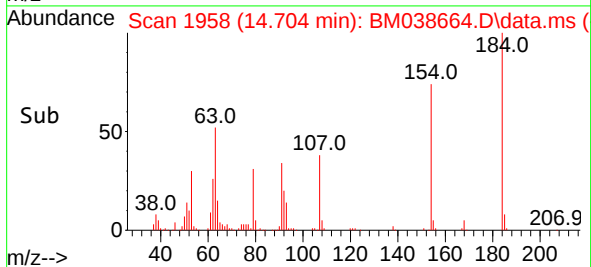
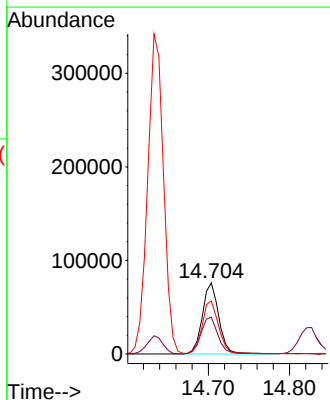
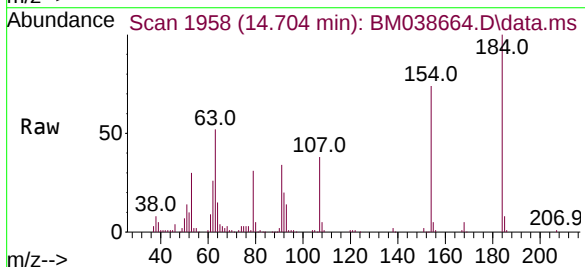
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

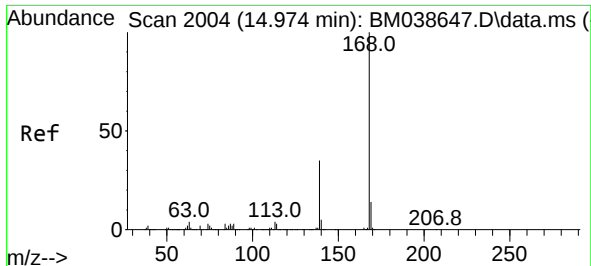
Tgt Ion:138 Resp: 70077
Ion Ratio Lower Upper
138 100
108 7.8 5.8 8.8
92 86.8 73.9 110.9



#54
2,4-Dinitrophenol
Concen: 58.465 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:184 Resp: 106924
Ion Ratio Lower Upper
184 100
63 51.7 45.9 68.9
154 74.3 54.9 82.3

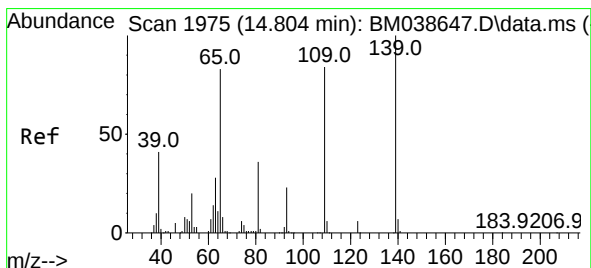
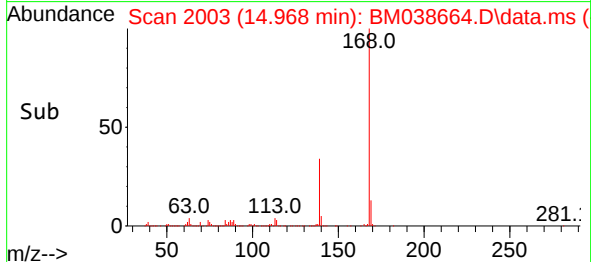
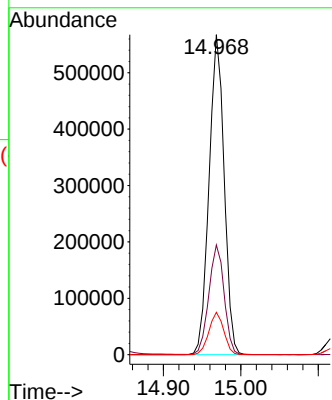
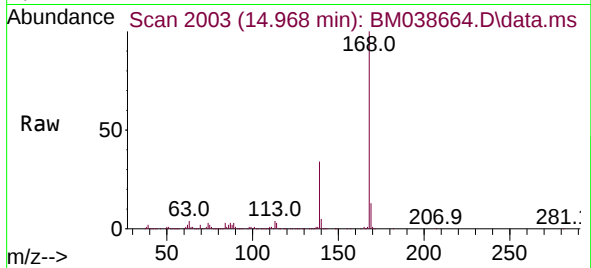




#55
Dibenzenofuran
Concen: 44.836 ng
RT: 14.968 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

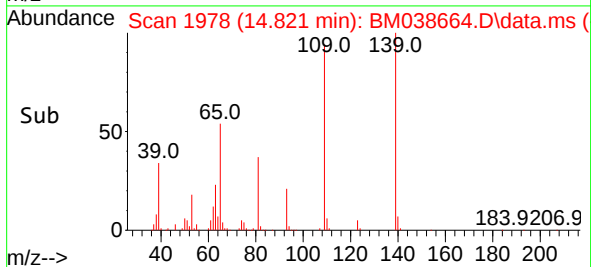
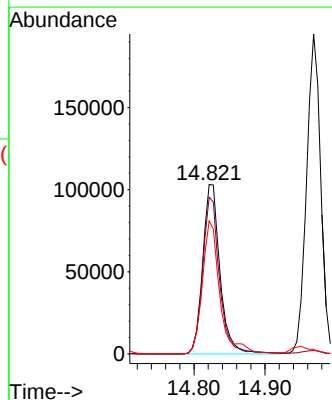
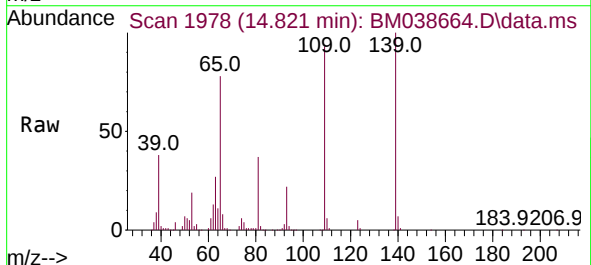
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

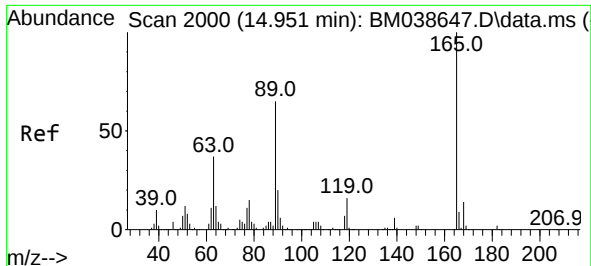
Tgt Ion:168 Resp: 766755
Ion Ratio Lower Upper
168 100
139 34.3 27.8 41.6
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 77.744 ng
RT: 14.821 min Scan# 1978
Delta R.T. 0.017 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:139 Resp: 175193
Ion Ratio Lower Upper
139 100
109 92.5 63.8 103.8
65 78.5 62.5 102.5



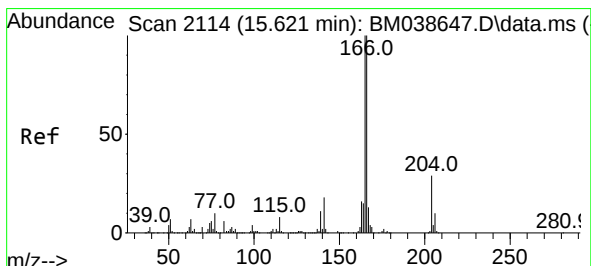
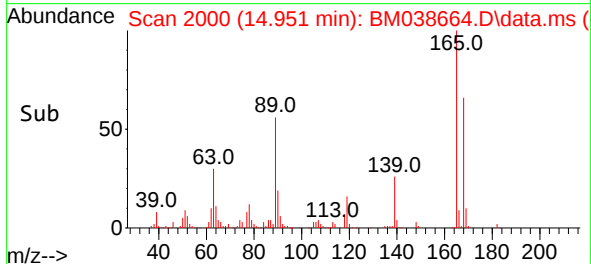
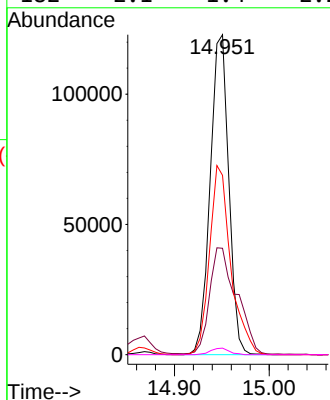
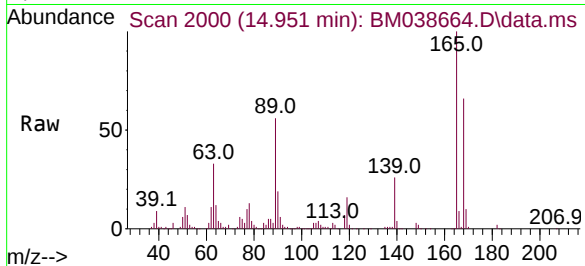


#57
2,4-Dinitrotoluene
Concen: 40.480 ng
RT: 14.951 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

Tgt Ion:165 Resp: 166731

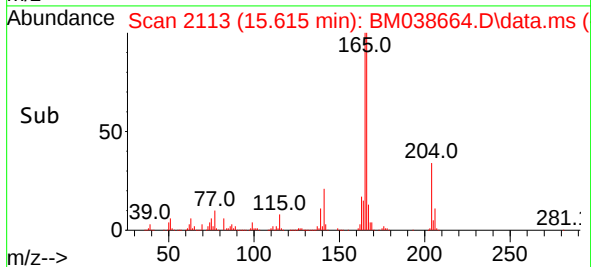
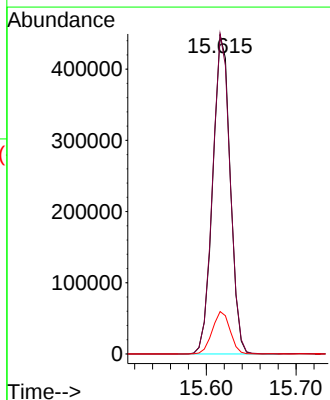
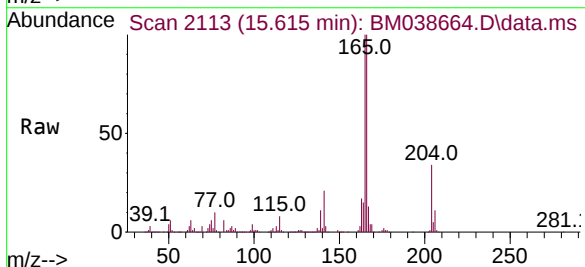
Ion	Ratio	Lower	Upper
165	100		
63	33.2	29.4	44.0
89	56.1	51.8	77.6
182	2.1	1.4	2.2

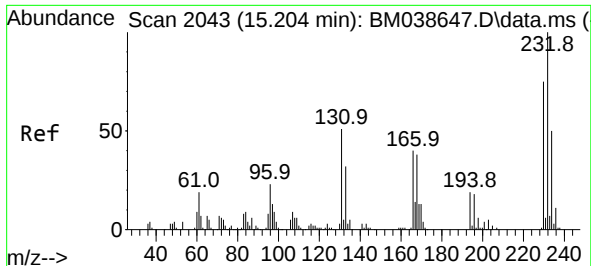


#58
Fluorene
Concen: 44.697 ng
RT: 15.615 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:166 Resp: 604799

Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.2	120.4
167	13.3	10.7	16.1

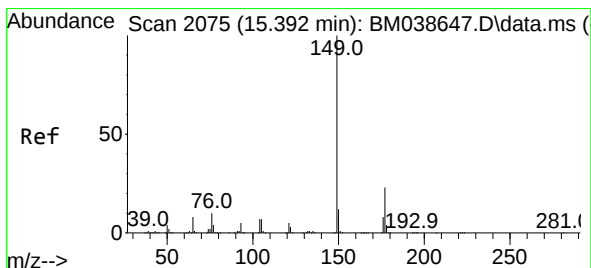
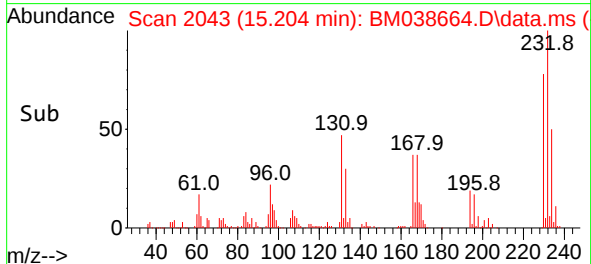
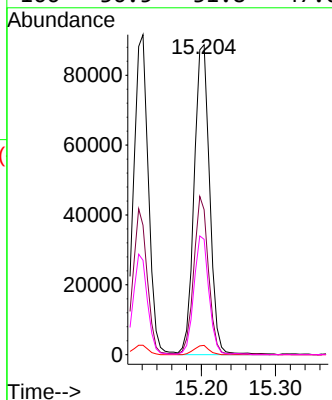
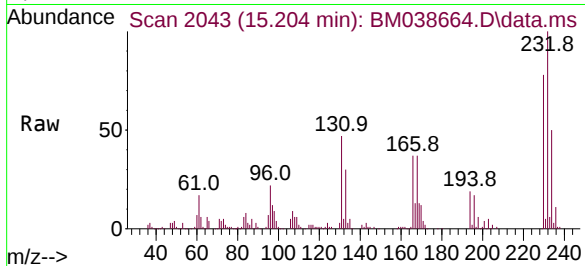




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.504 ng
RT: 15.204 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

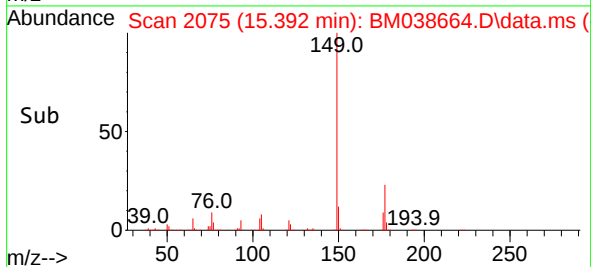
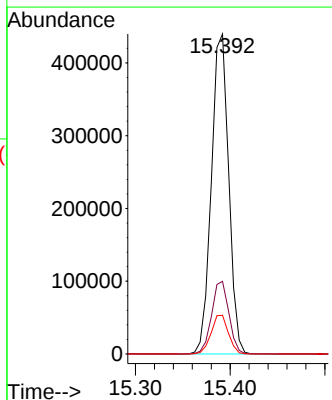
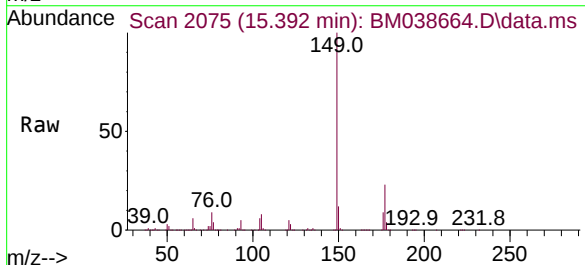
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

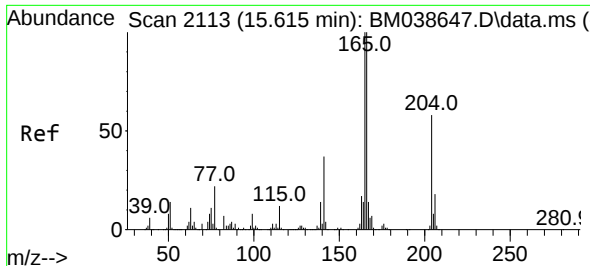
Tgt Ion:232 Resp: 129086
Ion Ratio Lower Upper
232 100
131 47.7 41.2 61.8
130 2.9 2.4 3.6
166 36.5 31.8 47.6



#60
Diethylphthalate
Concen: 42.551 ng
RT: 15.392 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:149 Resp: 557266
Ion Ratio Lower Upper
149 100
177 22.7 18.1 27.1
150 12.1 10.0 15.0

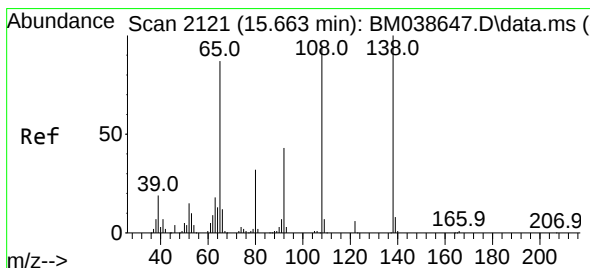
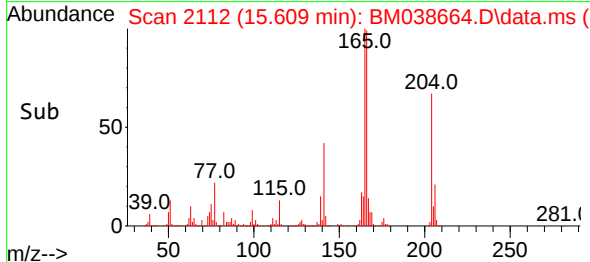
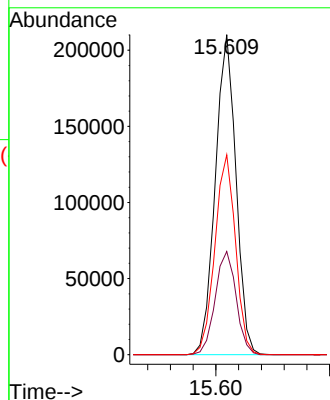
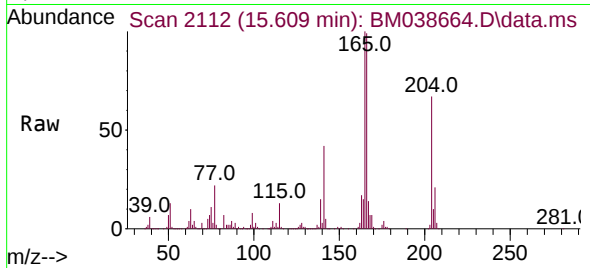




#61
4-Chlorophenyl-phenylether
Concen: 46.271 ng
RT: 15.609 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

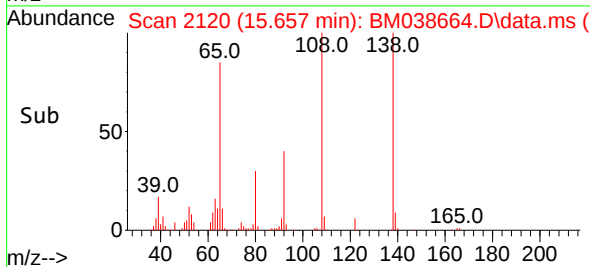
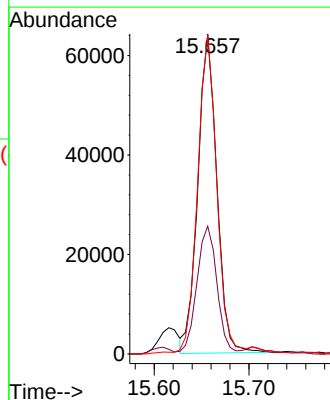
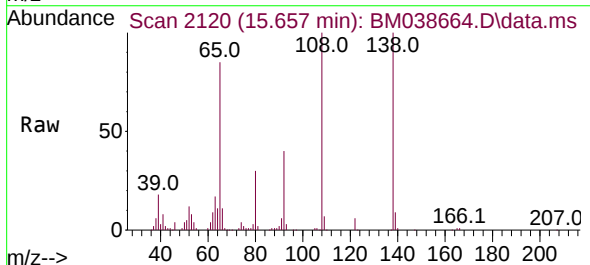
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

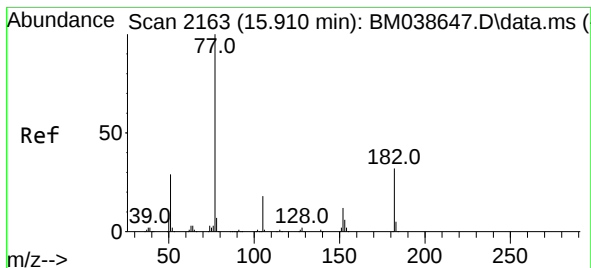
Tgt Ion:204 Resp: 265614
Ion Ratio Lower Upper
204 100
206 32.2 25.3 37.9
141 62.5 51.3 76.9



#62
4-Nitroaniline
Concen: 30.404 ng
RT: 15.657 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:138 Resp: 89648
Ion Ratio Lower Upper
138 100
92 39.9 23.4 63.4
108 99.7 75.1 115.1





#63

Azobenzene

Concen: 40.625 ng

RT: 15.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

Tgt Ion: 77 Resp: 409338

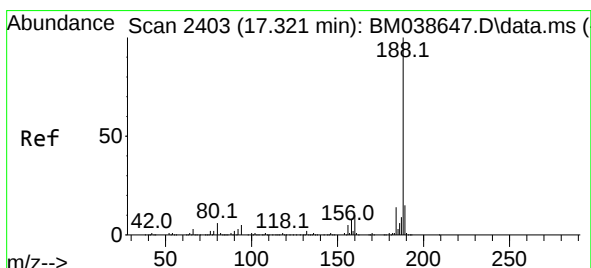
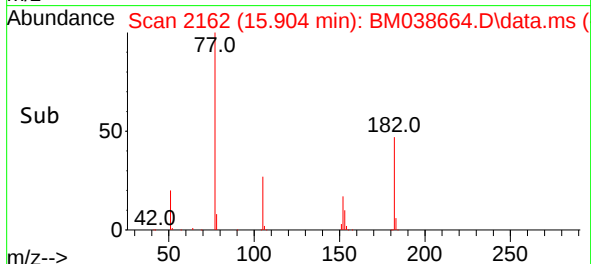
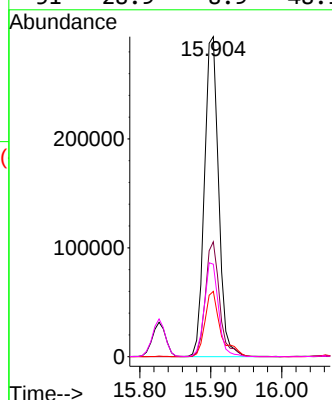
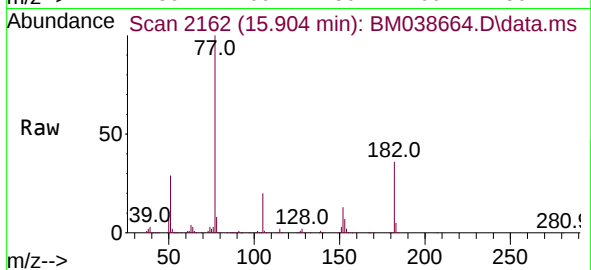
Ion Ratio Lower Upper

77 100

182 35.9 12.0 52.0

105 20.4 0.0 37.5

51 28.9 8.9 48.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2402

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

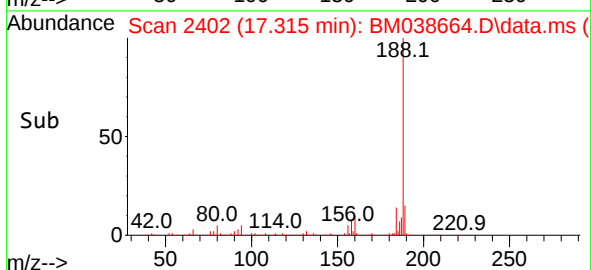
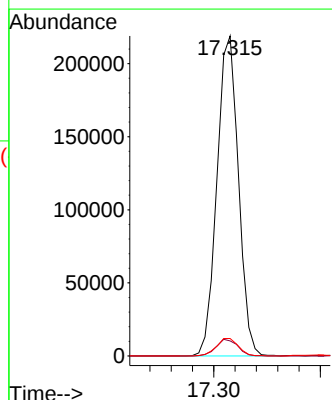
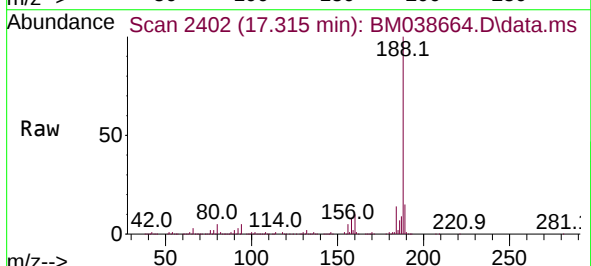
Tgt Ion:188 Resp: 305912

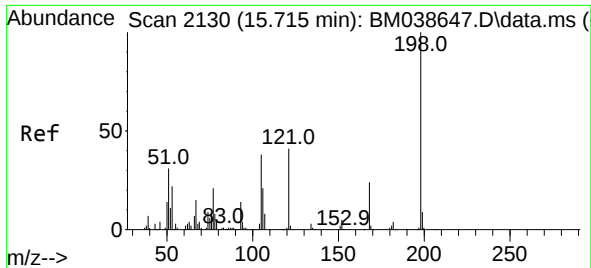
Ion Ratio Lower Upper

188 100

94 4.7 4.2 6.4

80 5.4 4.6 7.0

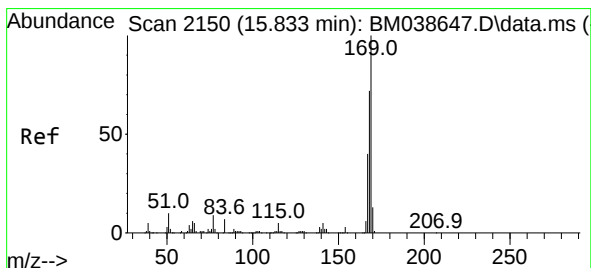
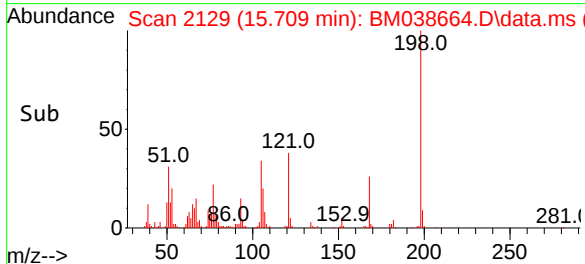
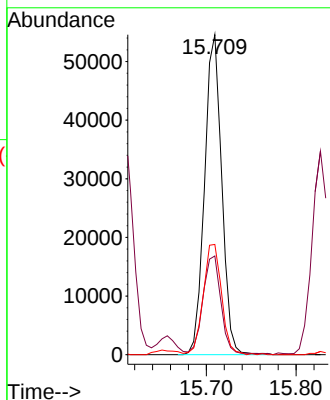
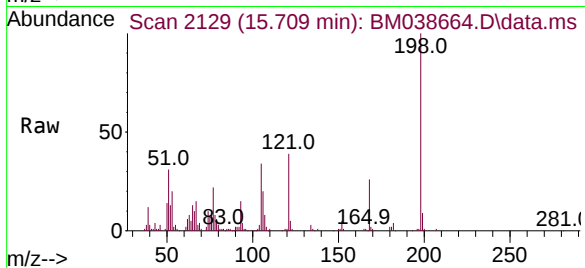




#65
4,6-Dinitro-2-methylphenol
Concen: 37.651 ng
RT: 15.709 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

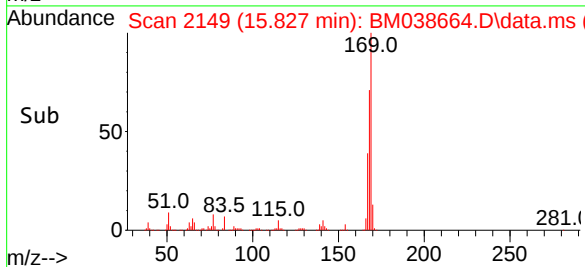
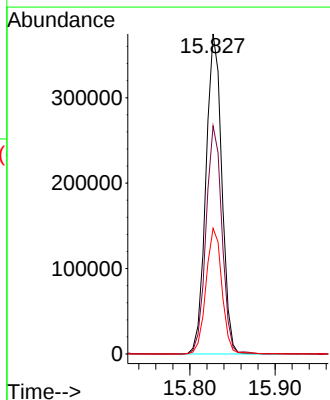
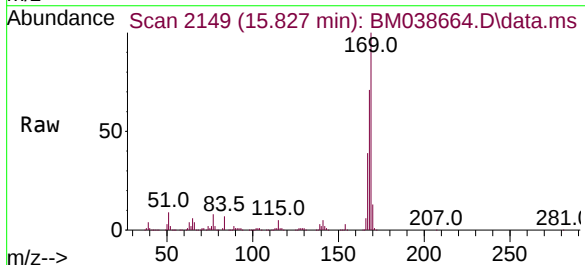
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

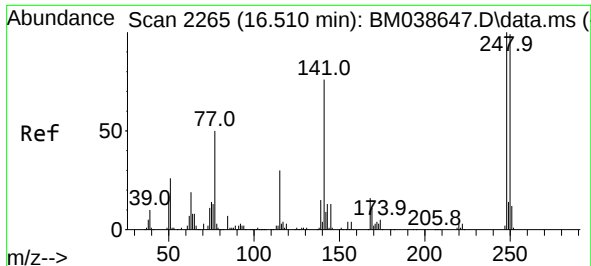
Tgt Ion:198 Resp: 72508
Ion Ratio Lower Upper
198 100
51 30.8 13.0 53.0
105 34.4 17.9 57.9



#66
n-Nitrosodiphenylamine
Concen: 48.532 ng
RT: 15.827 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:169 Resp: 484762
Ion Ratio Lower Upper
169 100
168 71.3 57.6 86.4
167 39.2 32.3 48.5

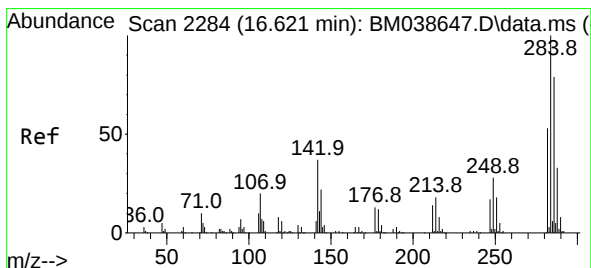
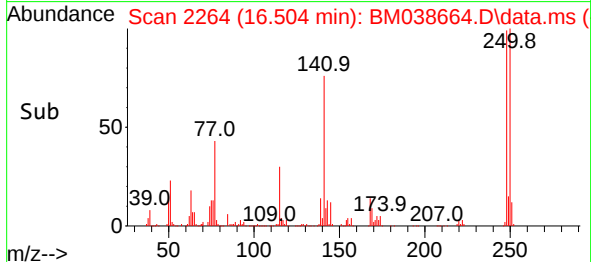
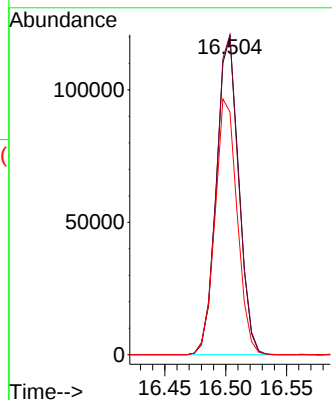
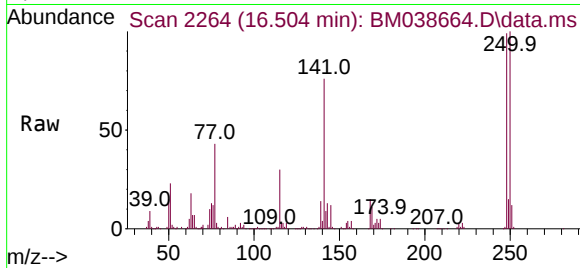




#67
4-Bromophenyl-phenylether
Concen: 51.720 ng
RT: 16.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

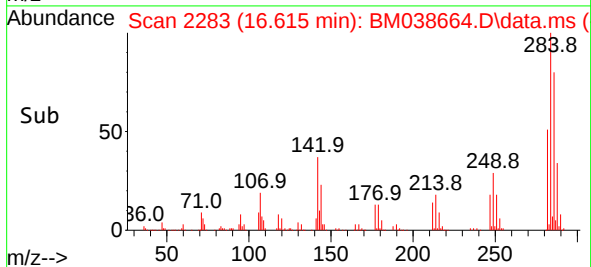
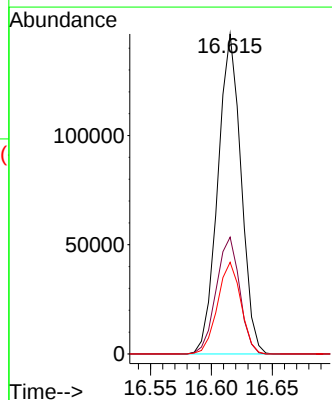
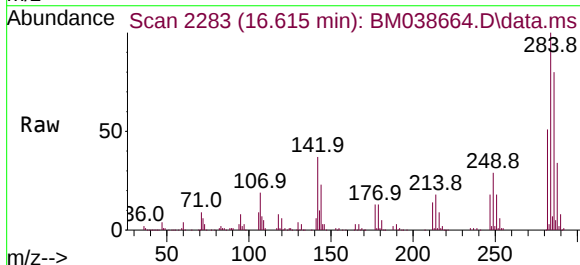
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

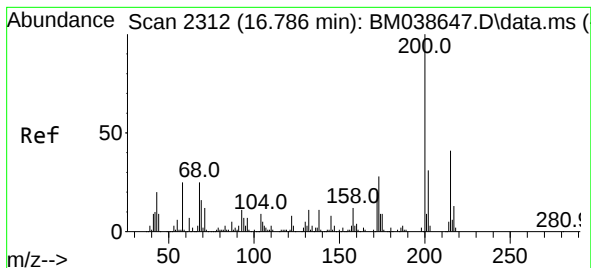
Tgt Ion:248 Resp: 152769
Ion Ratio Lower Upper
248 100
250 100.6 79.4 119.2
141 76.3 61.0 91.6



#68
Hexachlorobenzene
Concen: 53.906 ng
RT: 16.615 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:284 Resp: 194596
Ion Ratio Lower Upper
284 100
142 36.5 29.8 44.6
249 28.6 22.2 33.4





#69

Atrazine

Concen: 50.850 ng

RT: 16.780 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

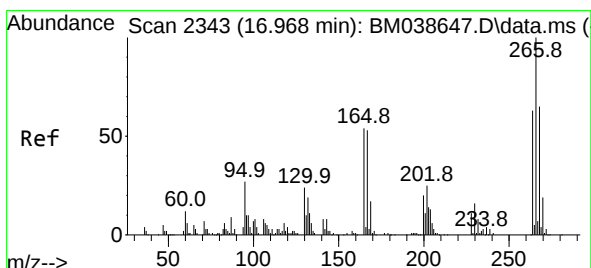
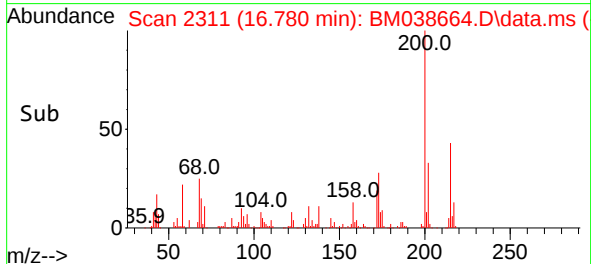
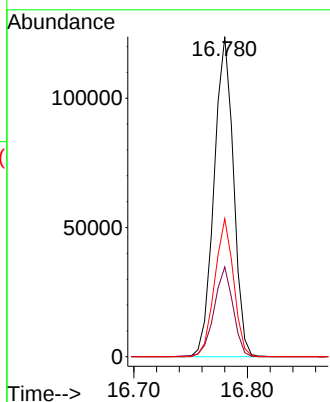
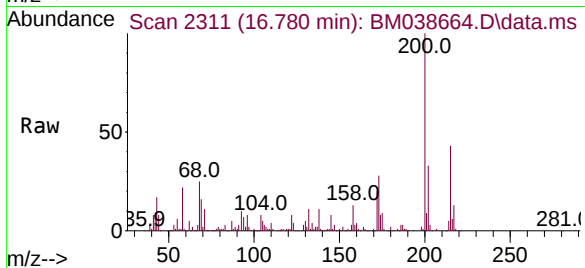
Tgt Ion:200 Resp: 147211

Ion Ratio Lower Upper

200 100

173 28.1 7.9 47.9

215 43.1 20.8 60.8



#70

Pentachlorophenol

Concen: 81.844 ng

RT: 16.968 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

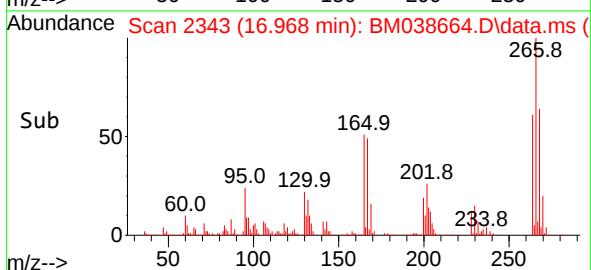
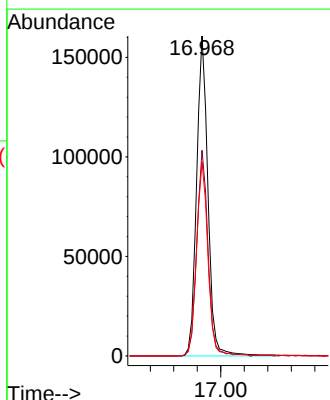
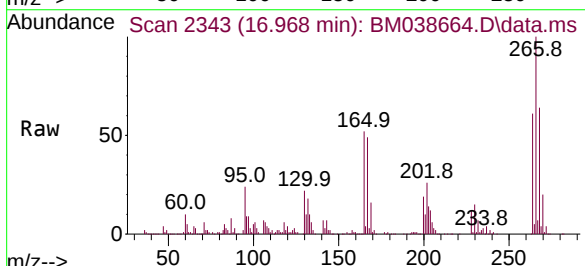
Tgt Ion:266 Resp: 215375

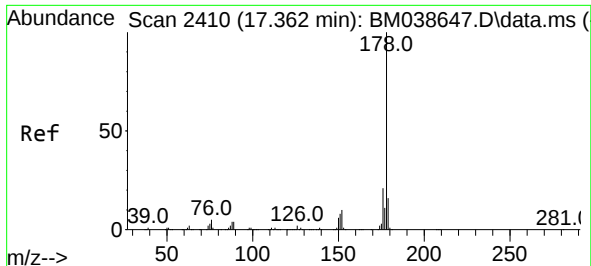
Ion Ratio Lower Upper

266 100

268 64.3 51.8 77.6

264 60.6 50.6 76.0

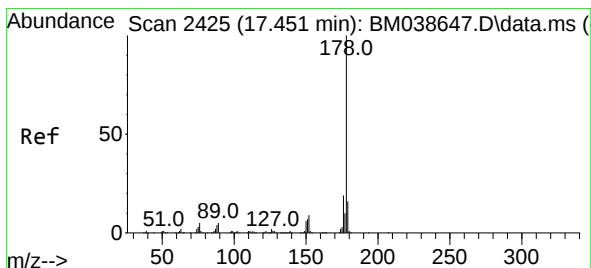
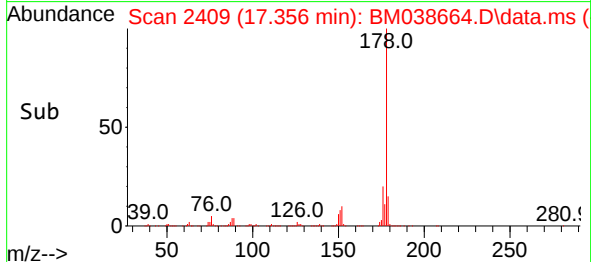
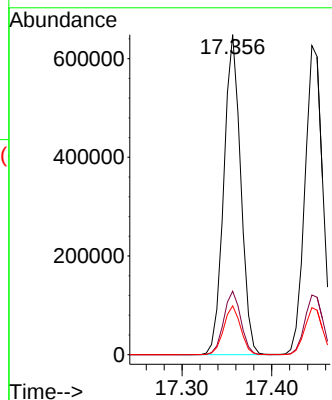
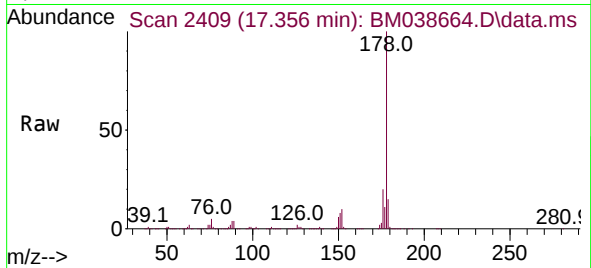




#71
Phenanthrene
Concen: 46.761 ng
RT: 17.356 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

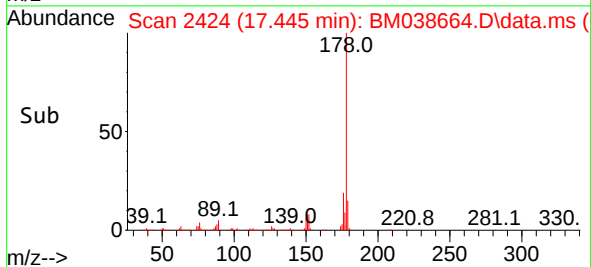
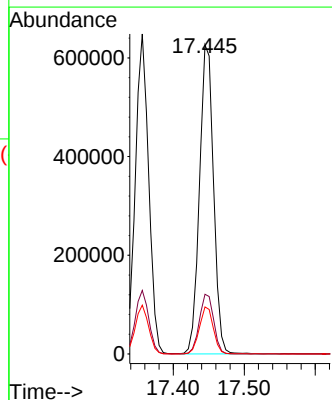
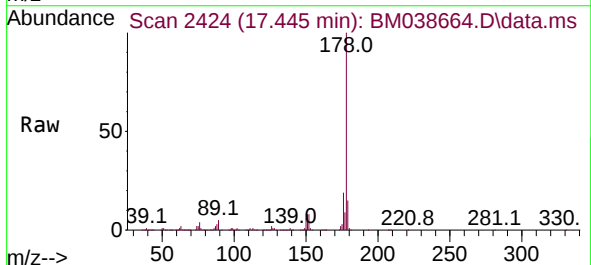
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

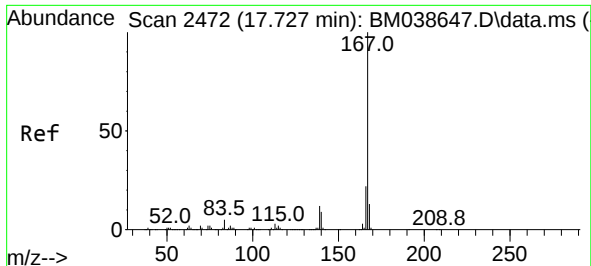
Tgt Ion:178 Resp: 849378
Ion Ratio Lower Upper
178 100
176 19.9 16.7 25.1
179 15.2 12.5 18.7



#72
Anthracene
Concen: 46.522 ng
RT: 17.445 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:178 Resp: 864481
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.2 12.4 18.6

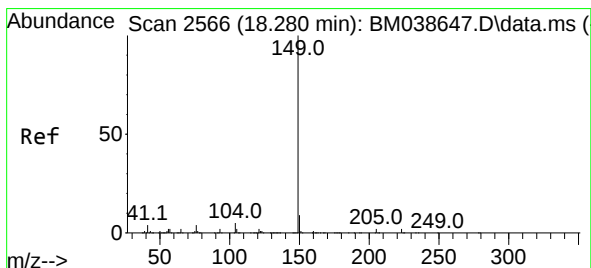
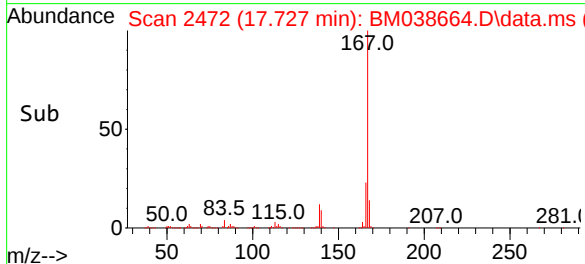
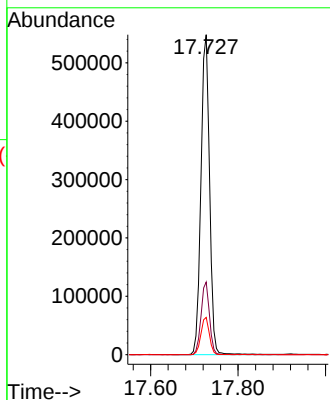
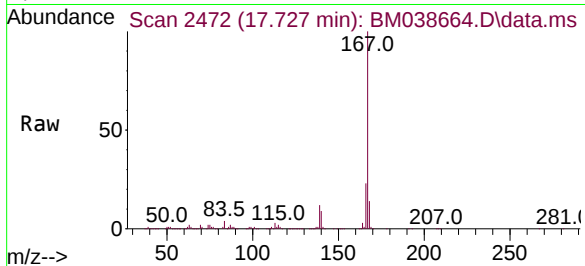




#73
 Carbazole
 Concen: 43.482 ng
 RT: 17.727 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BM038664.D
 Acq: 02 Feb 2023 15:35

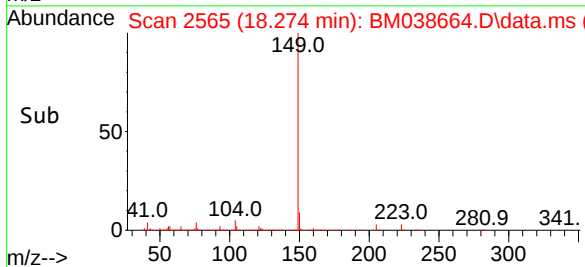
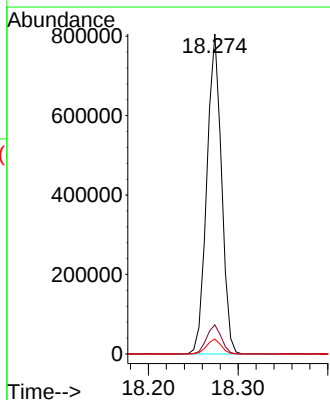
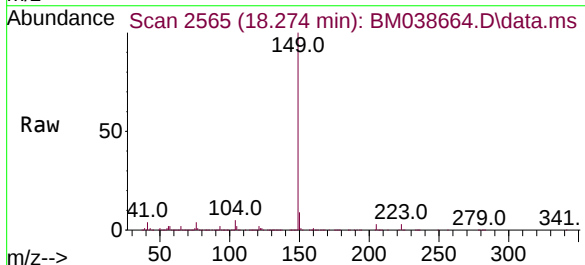
Instrument :
 BNA_M
 ClientSampleId :
 B-07-SB02MS

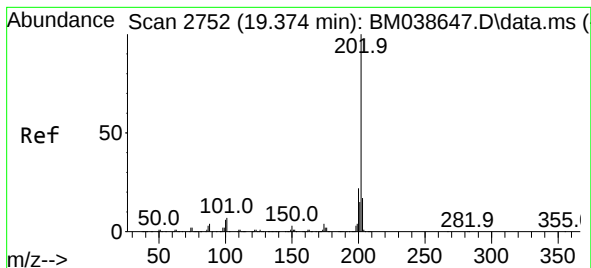
Tgt Ion:167 Resp: 753559
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.6
 139 11.7 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 46.621 ng
 RT: 18.274 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BM038664.D
 Acq: 02 Feb 2023 15:35

Tgt Ion:149 Resp: 912829
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.6 3.8 5.6





#75

Fluoranthene

Concen: 42.615 ng

RT: 19.368 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

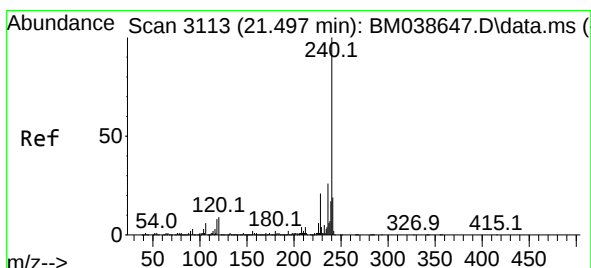
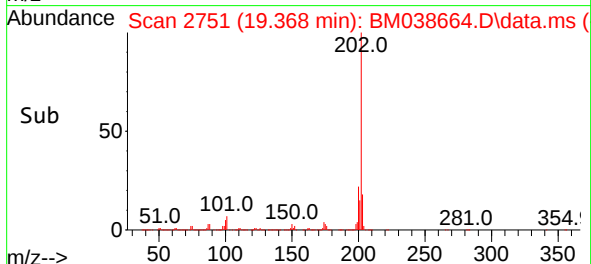
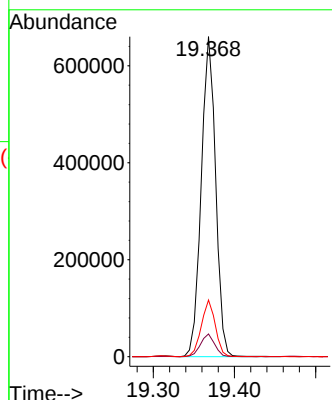
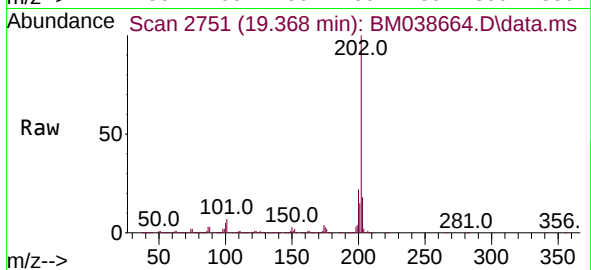
Tgt Ion:202 Resp: 812729

Ion Ratio Lower Upper

202 100

101 7.1 0.0 27.4

203 17.7 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.491 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

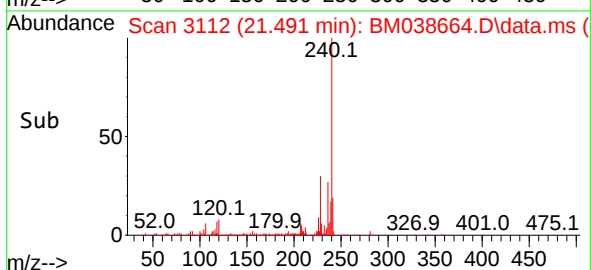
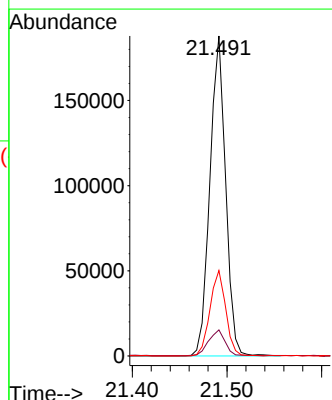
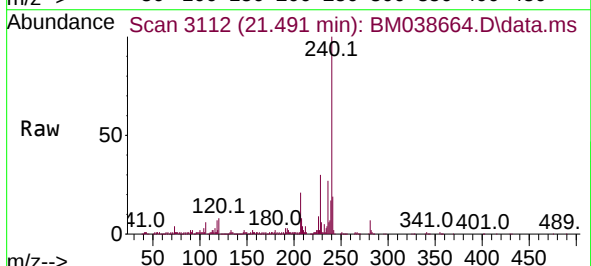
Tgt Ion:240 Resp: 216089

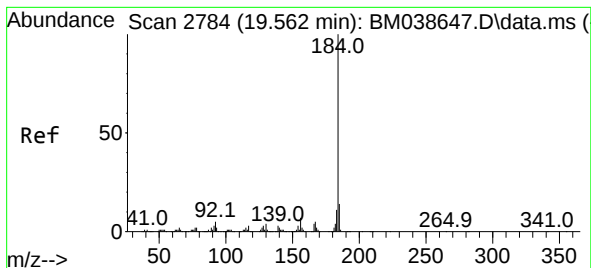
Ion Ratio Lower Upper

240 100

120 8.1 7.0 10.4

236 26.7 20.9 31.3





#77

Benzidine

Concen: 48.889 ng

RT: 19.562 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

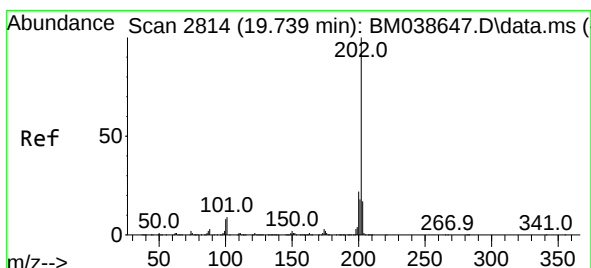
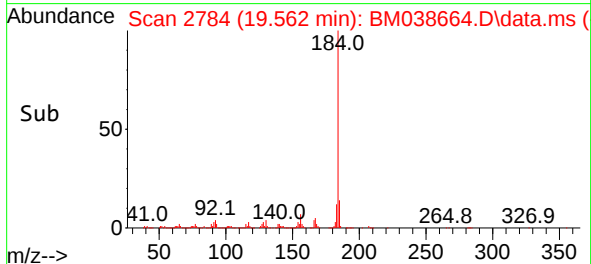
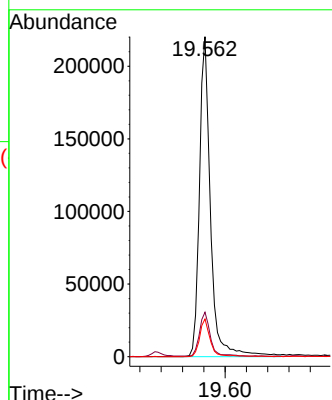
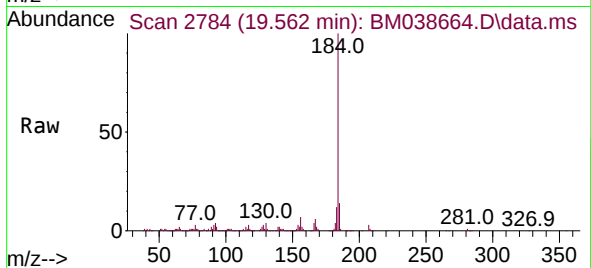
Tgt Ion:184 Resp: 317795

Ion Ratio Lower Upper

184 100

185 13.9 10.8 16.2

183 11.8 8.8 13.2



#78

Pyrene

Concen: 50.837 ng

RT: 19.733 min Scan# 2813

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

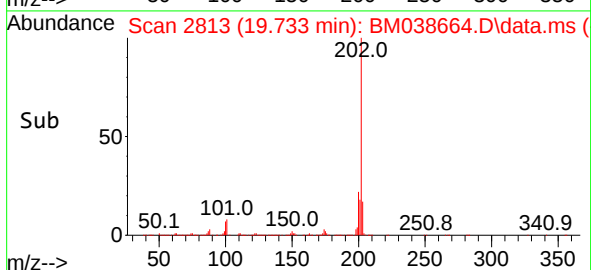
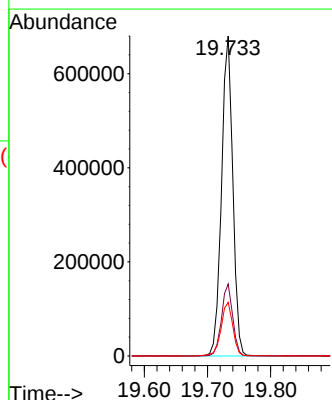
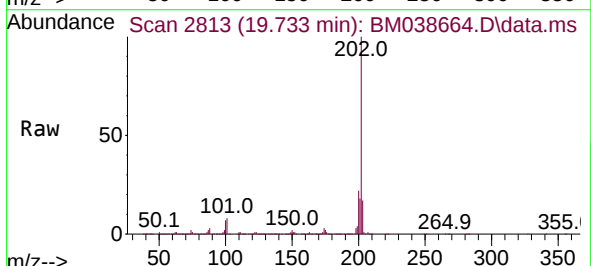
Tgt Ion:202 Resp: 845772

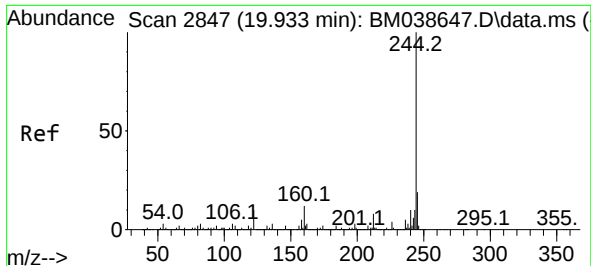
Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.6

203 16.8 13.5 20.3

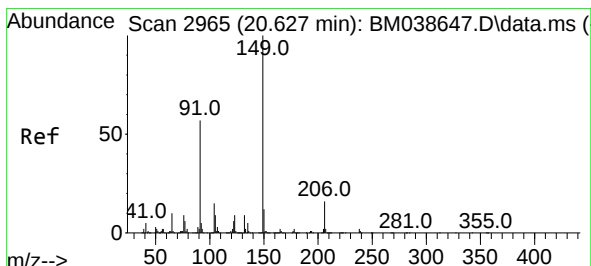
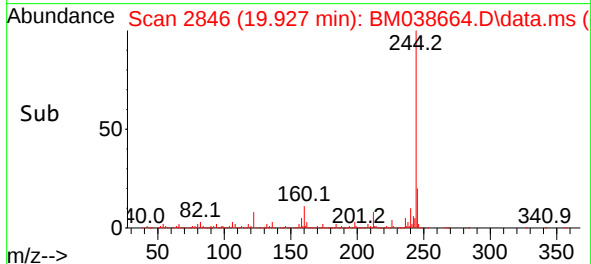
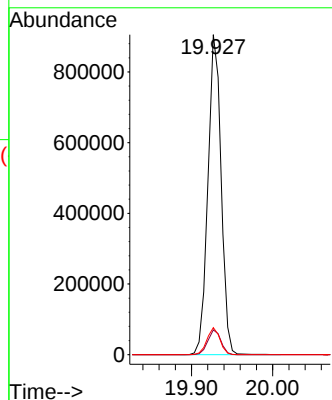
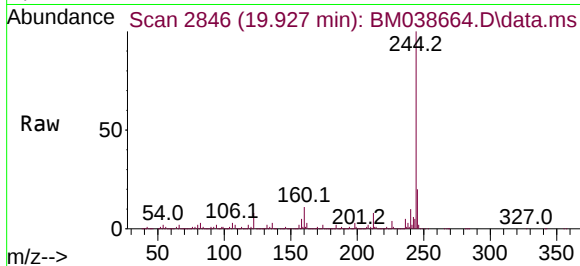




#79
 Terphenyl-d14
 Concen: 83.126 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038664.D
 Acq: 02 Feb 2023 15:35

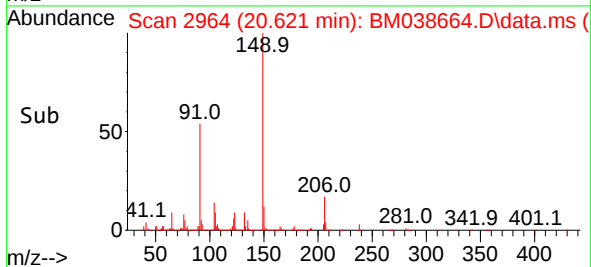
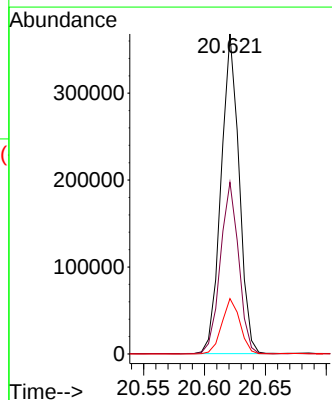
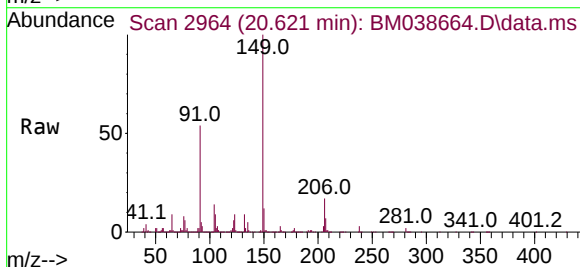
Instrument :
 BNA_M
 ClientSampleId :
 B-07-SB02MS

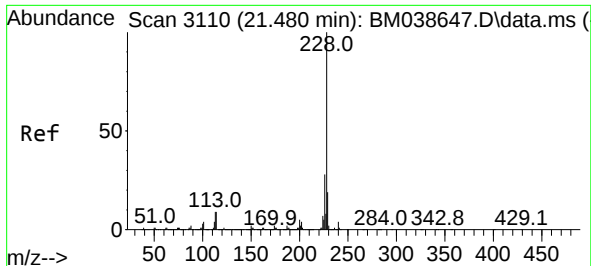
Tgt Ion:244 Resp: 1017896
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 8.4 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 45.945 ng
 RT: 20.621 min Scan# 2964
 Delta R.T. -0.006 min
 Lab File: BM038664.D
 Acq: 02 Feb 2023 15:35

Tgt Ion:149 Resp: 379814
 Ion Ratio Lower Upper
 149 100
 91 53.6 45.6 68.4
 206 17.3 12.5 18.7

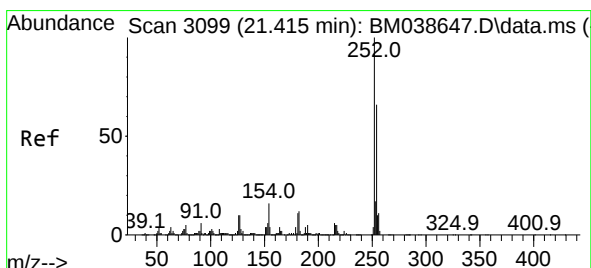
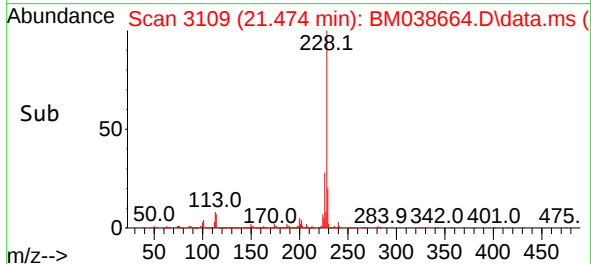
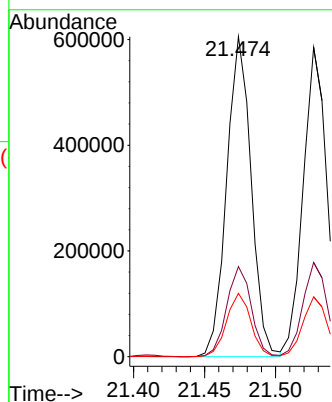
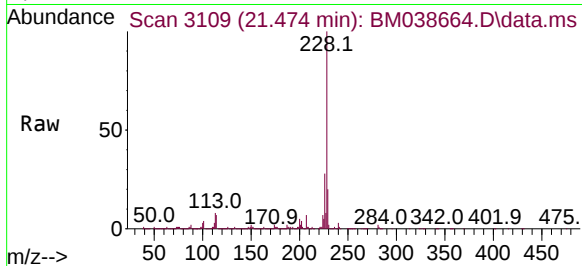




#81
Benzo(a)anthracene
Concen: 47.465 ng
RT: 21.474 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

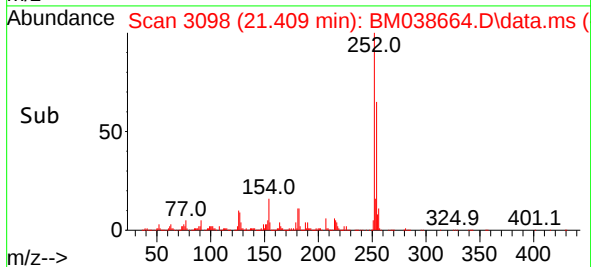
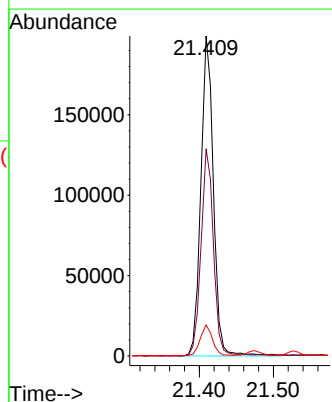
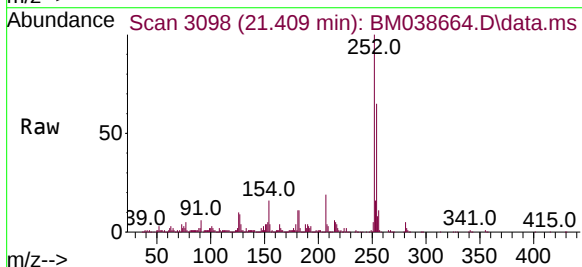
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

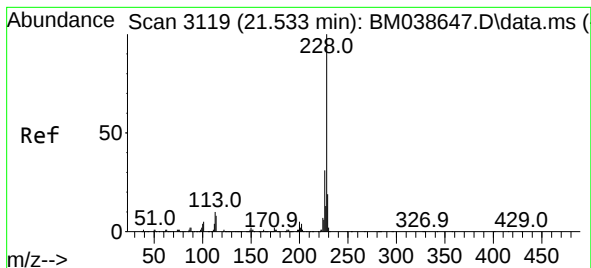
Tgt Ion:228 Resp: 725518
Ion Ratio Lower Upper
228 100
226 28.2 22.2 33.4
229 19.8 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 44.461 ng
RT: 21.409 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:252 Resp: 233806
Ion Ratio Lower Upper
252 100
254 64.7 52.8 79.2
126 9.7 8.2 12.2





#83

Chrysene

Concen: 46.216 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

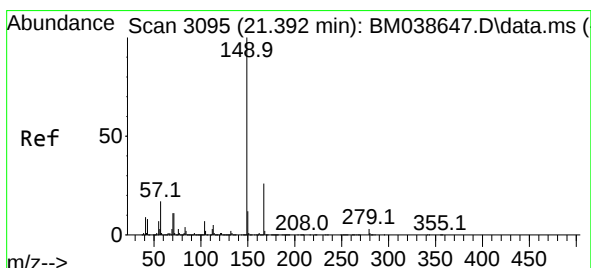
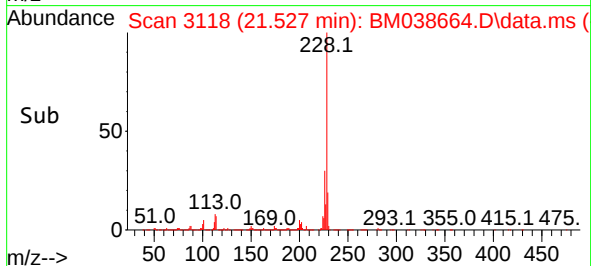
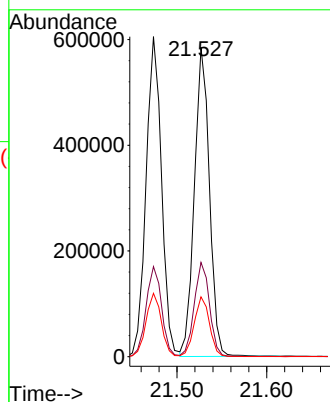
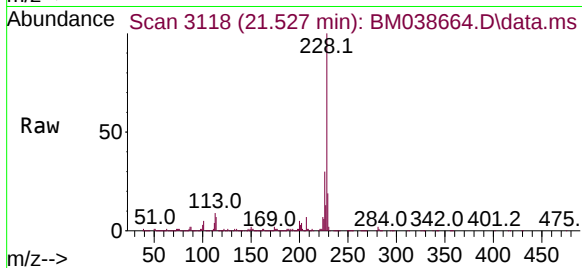
Tgt Ion:228 Resp: 680648

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

229 19.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.712 ng

RT: 21.391 min Scan# 3095

Delta R.T. -0.001 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

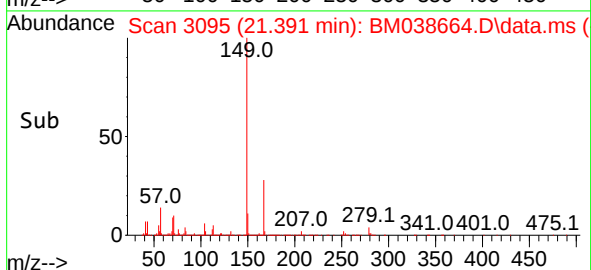
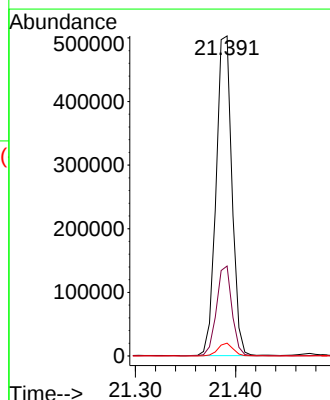
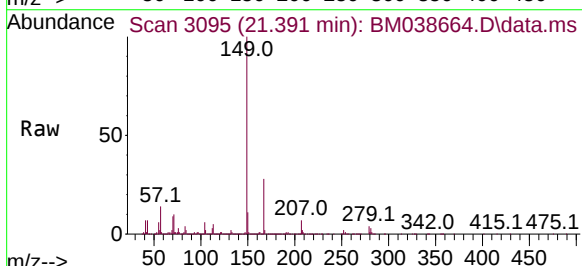
Tgt Ion:149 Resp: 550028

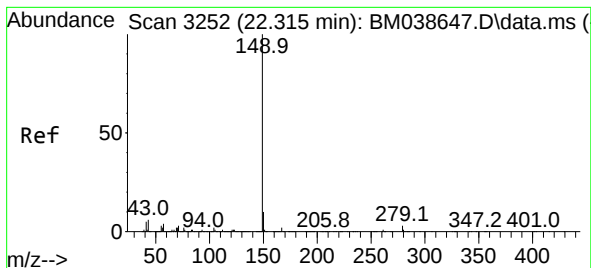
Ion Ratio Lower Upper

149 100

167 28.1 20.8 31.2

279 4.0 2.5 3.7#





#85

Di-n-octyl phthalate

Concen: 48.223 ng

RT: 22.309 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

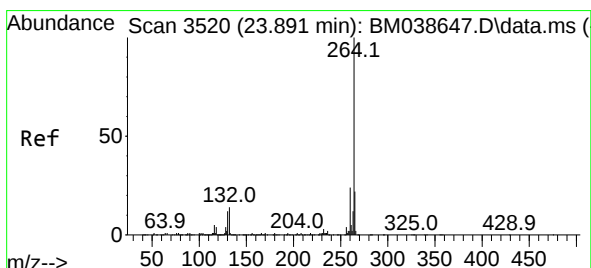
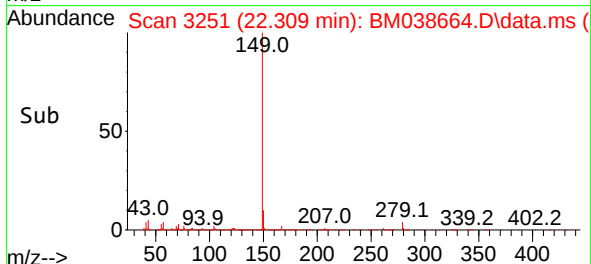
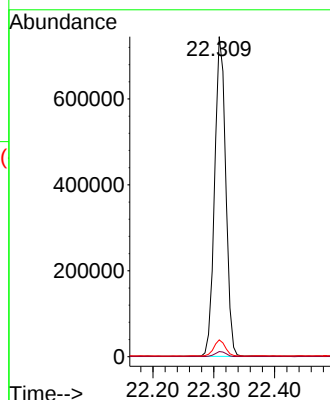
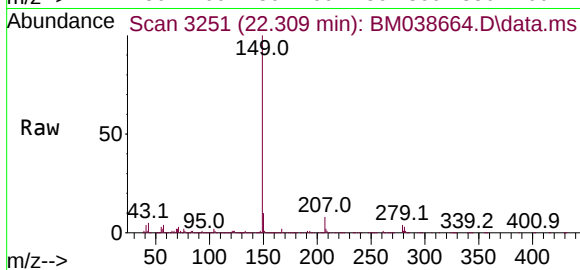
Tgt Ion:149 Resp: 944342

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 5.1 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.885 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

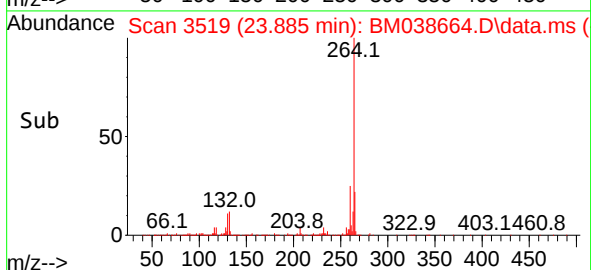
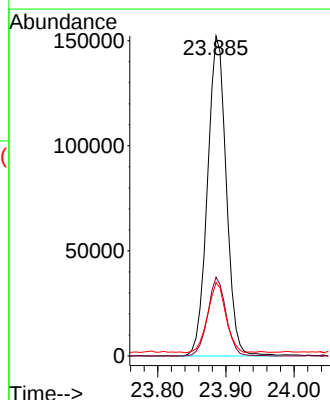
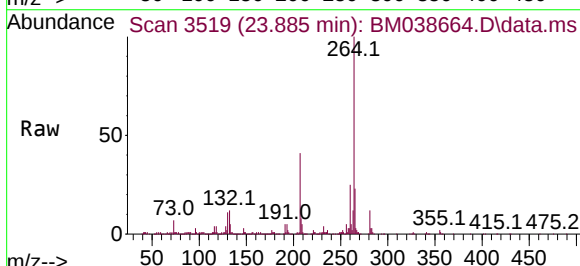
Tgt Ion:264 Resp: 291872

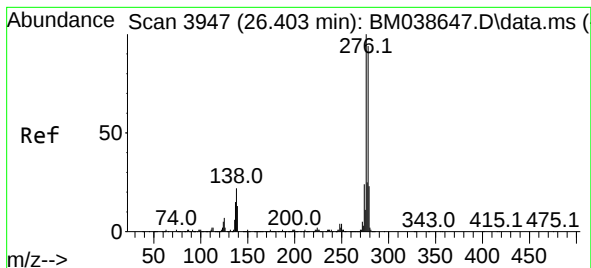
Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 22.9 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.588 ng

RT: 26.391 min Scan# 3945

Delta R.T. -0.012 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

Instrument :

BNA_M

ClientSampleId :

B-07-SB02MS

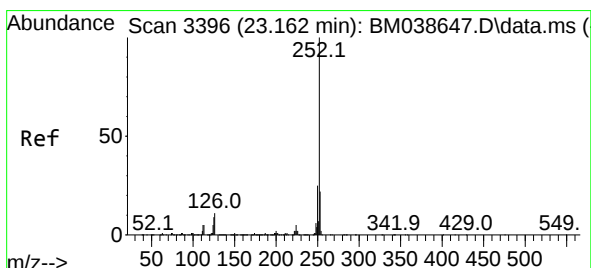
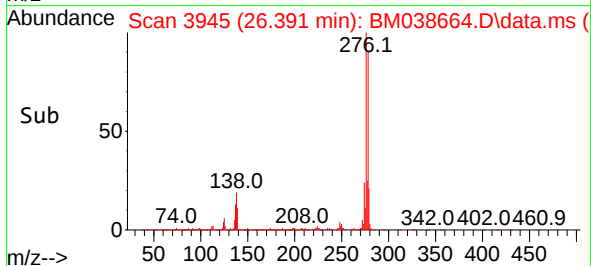
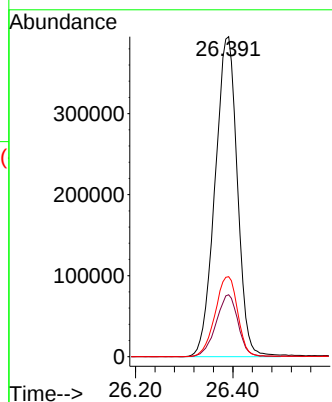
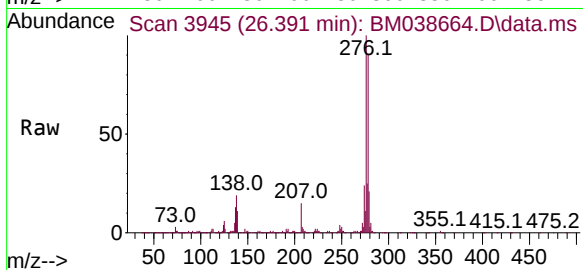
Tgt Ion:276 Resp: 1254956

Ion Ratio Lower Upper

276 100

138 19.2 17.2 25.8

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 48.425 ng

RT: 23.156 min Scan# 3395

Delta R.T. -0.006 min

Lab File: BM038664.D

Acq: 02 Feb 2023 15:35

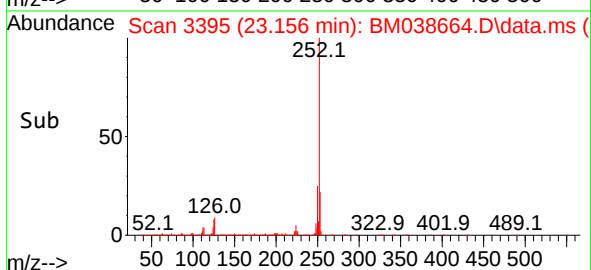
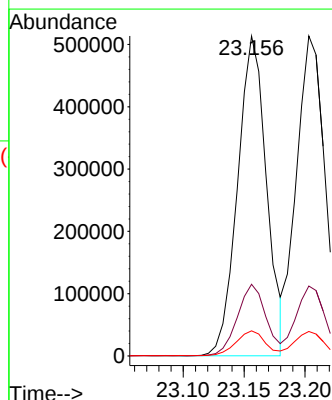
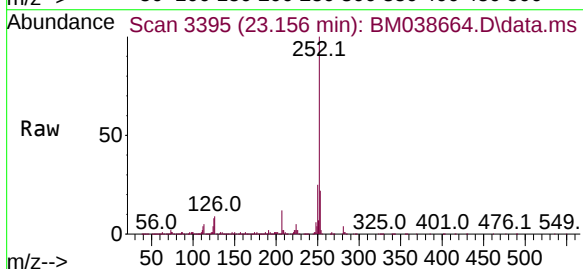
Tgt Ion:252 Resp: 846563

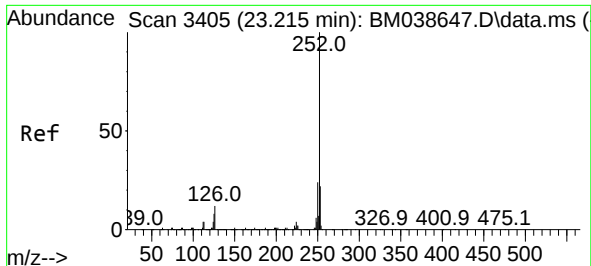
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 7.9 7.0 10.6

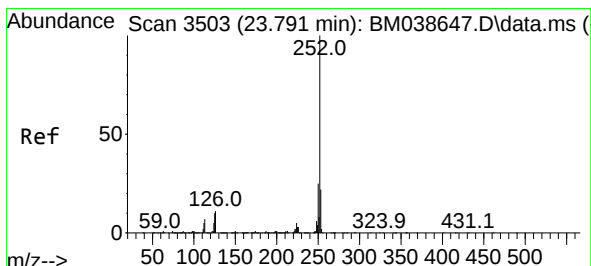
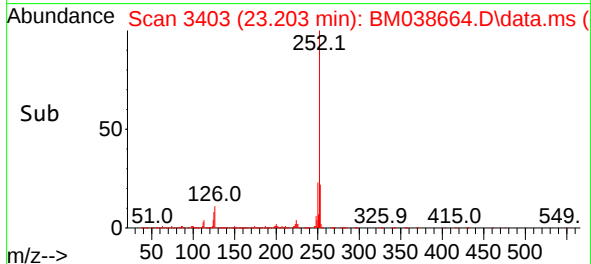
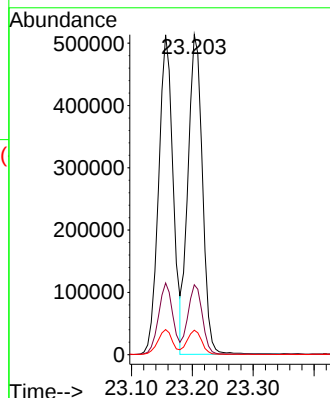
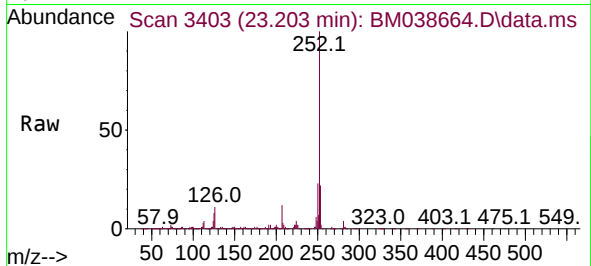




#89
Benzo(k)fluoranthene
Concen: 47.525 ng
RT: 23.203 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

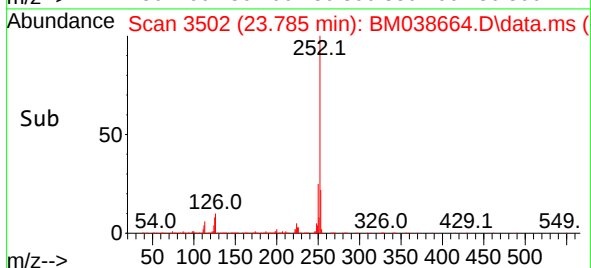
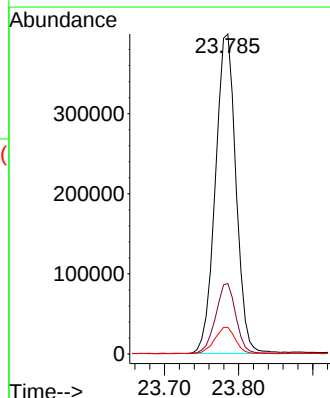
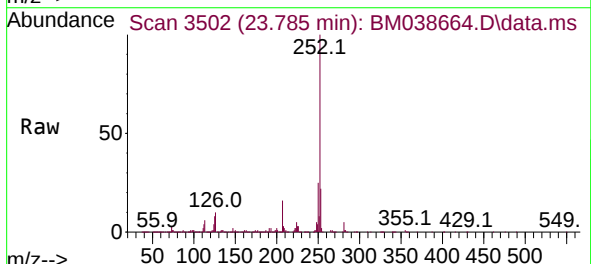
Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

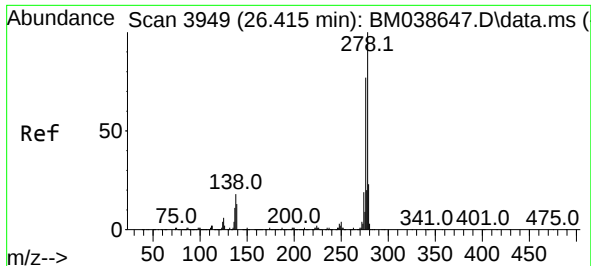
Tgt Ion:252 Resp: 843676
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 7.7 6.6 9.8



#90
Benzo(a)pyrene
Concen: 44.501 ng
RT: 23.785 min Scan# 3502
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:252 Resp: 769341
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.3 7.8 11.8

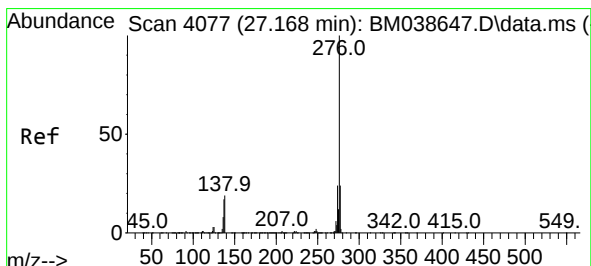
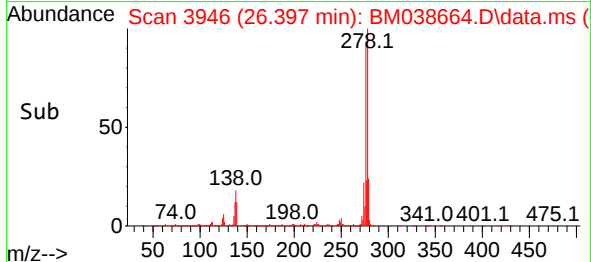
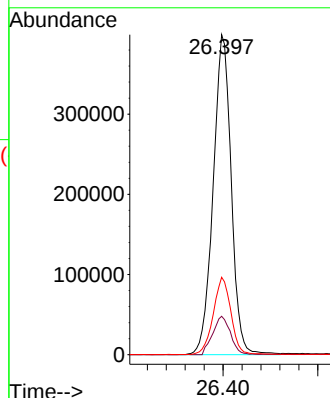
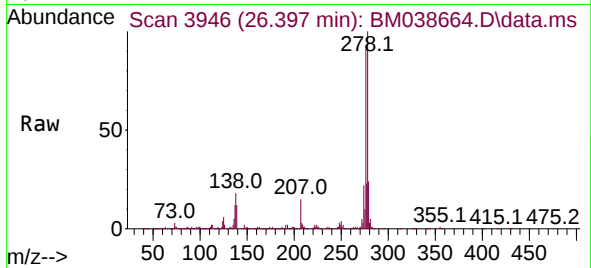




#91
Dibenzo(a,h)anthracene
Concen: 54.548 ng
RT: 26.397 min Scan# 3946
Delta R.T. -0.018 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Instrument :
BNA_M
ClientSampleId :
B-07-SB02MS

Tgt Ion:278 Resp: 1055058
Ion Ratio Lower Upper
278 100
139 12.0 10.5 15.7
279 24.2 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 52.560 ng
RT: 27.162 min Scan# 4076
Delta R.T. -0.006 min
Lab File: BM038664.D
Acq: 02 Feb 2023 15:35

Tgt Ion:276 Resp: 1027641
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 15.9 15.3 22.9

