

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
 Data File : BM038624.D
 Acq On : 31 Jan 2023 17:57
 Operator : CG/JU
 Sample : 01311-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 00:05:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 31 01:02:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	39747	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	117536	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	91522	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	211584	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.509	240	213243	20.000	ng/ul	0.00
88) Perylene-d12	23.909	264	285469	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	3983	3.573	ng/uL	0.00
4) Pyridine-d5	3.769	84	21195	7.593	ng/ul	0.00
7) Phenol-d5	7.116	99	14994	5.651	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	46350	29.930	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	50184	22.808	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	28600	13.510	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	30671	34.426	ng/ul	0.00
24) 2-Nitrophenol-d4	9.845	143	40275	34.231	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	86357	33.164	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	64206	25.373	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	285677	37.787	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	290176	36.068	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	6340	6.062	ng/ul	0.00
60) Fluorene-d10	15.580	176	257482	38.084	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	63682	35.161	ng/ul	0.00
73) Anthracene-d10	17.427	188	420525	39.485	ng/ul	0.00
81) Pyrene-d10	19.721	212	474218	43.159	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	605559	41.327	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	4606	3.835	ng/uL	92
5) Pyridine	3.787	79	23697	8.266	ng/ul	90
6) Benzaldehyde	7.093	77	57408	46.928	ng/ul	96
8) Phenol	7.146	94	16668	6.275	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.381	93	57146	30.110	ng/ul	89
12) 2-Chlorophenol	7.516	128	49948	22.623	ng/ul	95
13) 2-Methylphenol	8.404	108	32458	16.082	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.487	45	56661	28.896	ng/ul	97
16) Acetophenone	8.787	105	107578	28.765	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.769	70	52770	30.703	ng/ul#	96
18) 4-Methylphenol	8.734	108	29727	13.877	ng/ul	92
19) Hexachloroethane	9.028	117	31306	28.112	ng/ul	79
22) Nitrobenzene	9.169	77	89985	33.558	ng/ul	98
23) Isophorone	9.692	82	142484	35.115	ng/ul	97
25) 2-Nitrophenol	9.881	139	38158	32.719	ng/ul	96
26) 2,4-Dimethylphenol	9.939	107	53196	21.000	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.175	93	70473	34.062	ng/ul	98
29) 2,4-Dichlorophenol	10.410	162	82639	33.391	ng/ul#	93
30) Naphthalene	10.816	128	199052	34.133	ng/ul	99
32) 4-Chloroaniline	10.934	127	66438	26.165	ng/ul	99
33) Hexachlorobutadiene	11.086	225	89953	34.974	ng/ul	97
34) Caprolactam	11.739	113	1357	2.787	ng/ul#	79
35) 4-Chloro-3-methylphenol	12.051	107	52355	26.781	ng/ul#	84
36) 2-Methylnaphthalene	12.422	142	154932	35.719	ng/ul	97

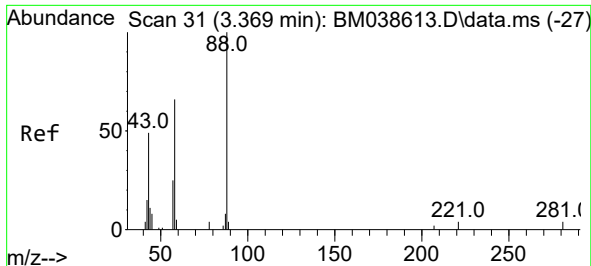
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	159240	35.564	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	151365	33.598	ng/ul	97
40) Hexachlorocyclopentadiene	12.757	237	92689	28.832	ng/ul	99
41) 2,4,6-Trichlorophenol	13.027	196	92909	33.872	ng/ul	95
42) 2,4,5-Trichlorophenol	13.098	196	97448	33.267	ng/ul	95
43) 1,1'-Biphenyl	13.427	154	246131	34.975	ng/ul	97
44) 2-Chloronaphthalene	13.469	162	208569	35.676	ng/ul#	91
45) 2-Nitroaniline	13.686	65	53647	34.308	ng/ul	93
47) Dimethylphthalate	14.051	163	277146	37.255	ng/ul	99
48) 2,6-Dinitrotoluene	14.180	165	55835	40.526	ng/ul#	83
50) Acenaphthylene	14.316	152	276599	34.380	ng/ul	100
51) 3-Nitroaniline	14.510	138	33884	34.167	ng/ul	97
52) Acenaphthene	14.651	153	204937	34.222	ng/ul	98
53) 2,4-Dinitrophenol	14.716	184	39819	35.951	ng/ul#	84
55) 4-Nitrophenol	14.816	109	11442	6.521	ng/ul	96
56) Dibenzofuran	14.986	168	328075	36.835	ng/ul	87
57) 2,4-Dinitrotoluene	14.963	165	80987	39.881	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.216	232	87580	34.148	ng/ul#	87
59) Diethylphthalate	15.404	149	248614	35.649	ng/ul	94
61) Fluorene	15.633	166	286673	38.218	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.627	204	190149	36.027	ng/ul	90
63) 4-Nitroaniline	15.668	138	30492	37.293	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.721	198	60079	35.149	ng/ul	92
67) N-Nitrosodiphenylamine	15.845	169	240792	40.365	ng/ul	95
68) 4-Bromophenyl-phenylether	16.521	248	113133	37.948	ng/ul	94
69) Hexachlorobenzene	16.633	284	137840	39.607	ng/ul#	91
70) Atrazine	16.792	200	107916	36.054	ng/ul	98
71) Pentachlorophenol	16.980	266	71340	32.046	ng/ul#	88
72) Phenanthrene	17.374	178	446192	40.353	ng/ul	98
74) Anthracene	17.462	178	451131	38.962	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.392	216	147099	36.171	ng/uL	98
76) Pentachlorobenzene	14.904	250	150737	35.621	ng/uL	99
77) Carbazole	17.739	167	347630	34.588	ng/ul	96
78) Di-n-butylphthalate	18.286	149	358879	36.907	ng/ul	99
80) Fluoranthene	19.386	202	559681	43.945	ng/ul#	97
82) Pyrene	19.751	202	591617	43.772	ng/ul#	96
83) Butylbenzylphthalate	20.633	149	150870	38.699	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.427	252	203636	38.872	ng/ul#	99
85) Benzo(a)anthracene	21.492	228	591781	39.176	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.403	149	214277	38.627	ng/ul	93
87) Chrysene	21.545	228	573476	41.016	ng/ul	100
89) Di-n-octyl phthalate	22.327	149	397240	32.857	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	744459	42.181	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	744459	42.318	ng/ul	99
93) Benzo(a)pyrene	23.809	252	666245	40.764	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	1031343	39.921	ng/ul	99
95) Dibenzo(a,h)anthracene	26.433	278	880677	40.165	ng/ul	99
96) Benzo(g,h,i)perylene	27.197	276	831933	39.674	ng/ul	99

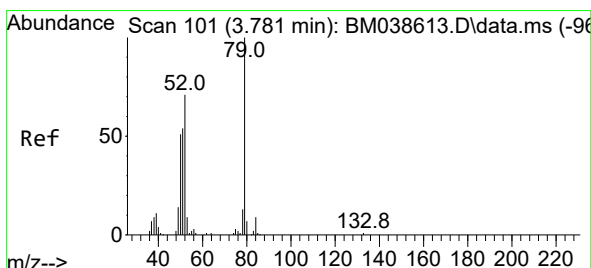
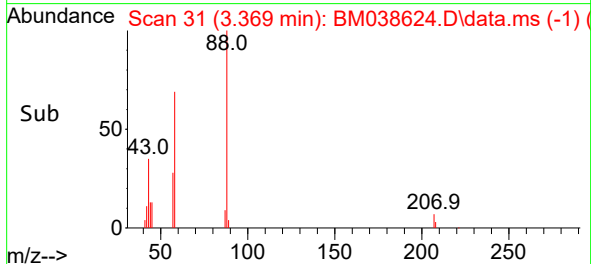
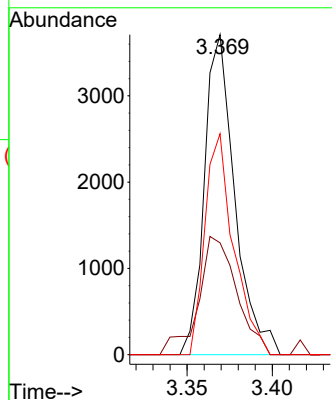
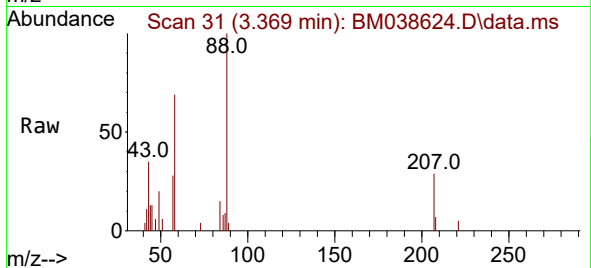
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 3.835 ng/uL
RT: 3.369 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038624.D
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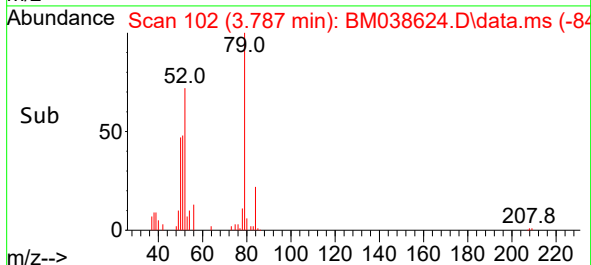
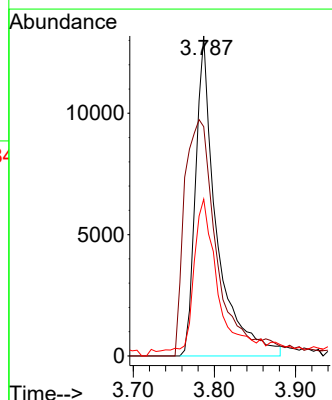
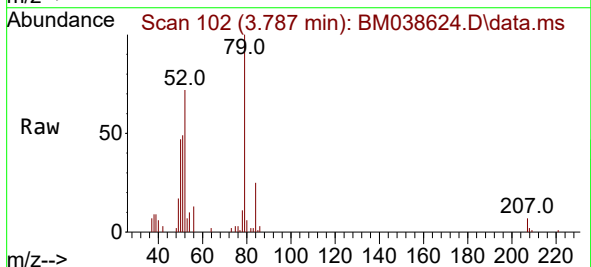
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BNA_M
ClientSampleId :

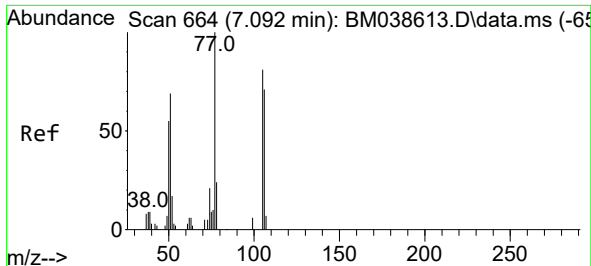
Tgt Ion: 88 Resp: 4606
Ion Ratio Lower Upper
88 100
43 34.9 33.8 50.8
58 69.1 52.1 78.1



#5
Pyridine
Concen: 8.266 ng/uL
RT: 3.787 min Scan# 102
Delta R.T. 0.006 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

Tgt Ion: 79 Resp: 23697
Ion Ratio Lower Upper
79 100
52 71.6 67.4 101.0
51 49.0 40.7 61.1

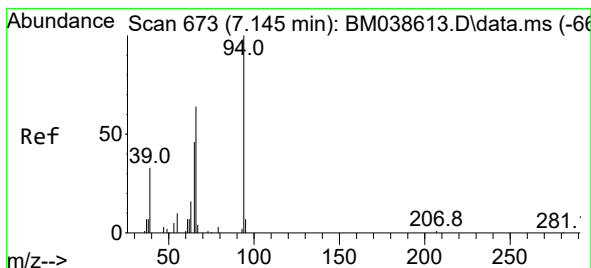
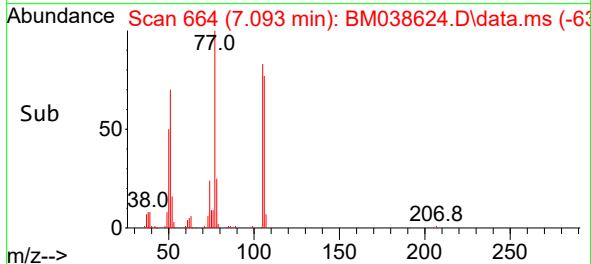
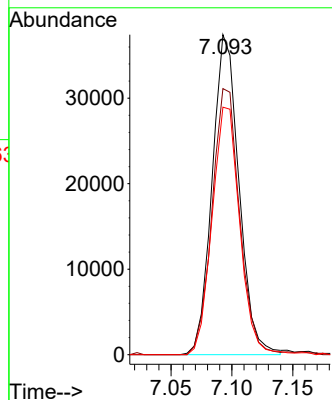
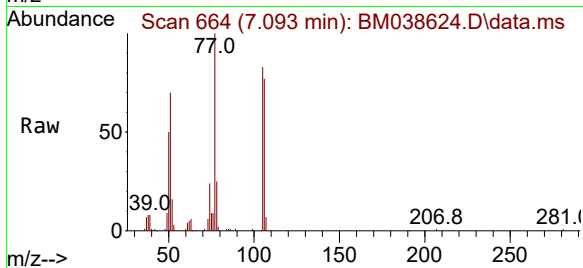




#6
Benzaldehyde
Concen: 46.928 ng/ul
RT: 7.093 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

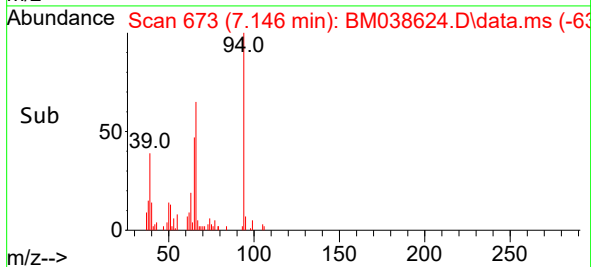
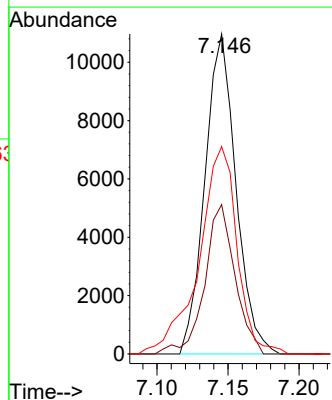
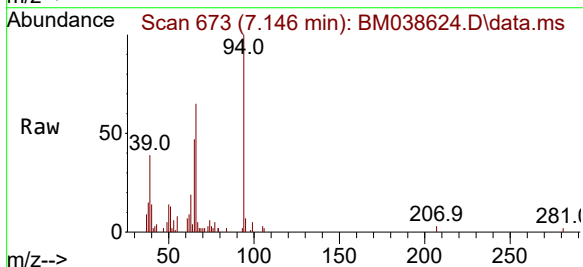
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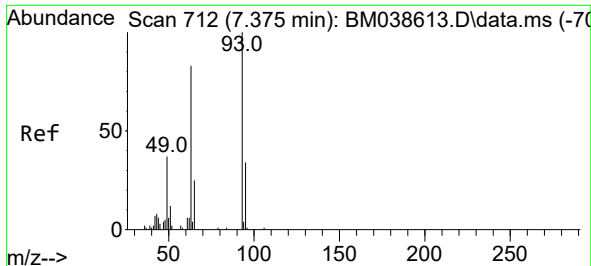
Tgt Ion: 77 Resp: 57408
Ion Ratio Lower Upper
77 100
105 83.1 68.3 102.5
106 77.4 57.7 86.5



#8
Phenol
Concen: 6.275 ng/ul
RT: 7.146 min Scan# 673
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

Tgt Ion: 94 Resp: 16668
Ion Ratio Lower Upper
94 100
65 46.7 38.2 57.2
66 64.8 57.9 86.9

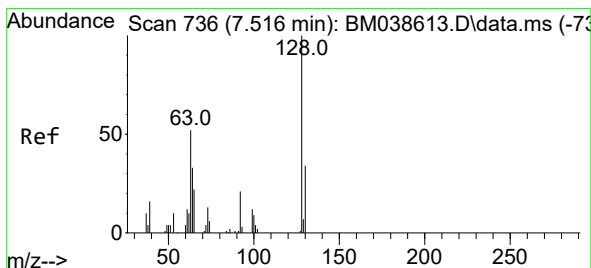
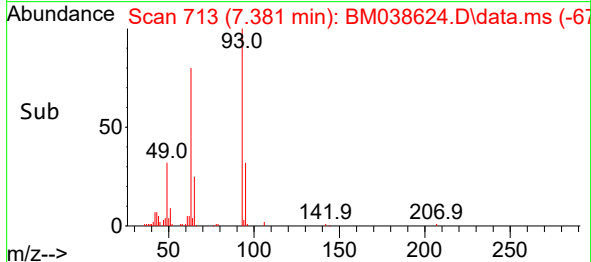
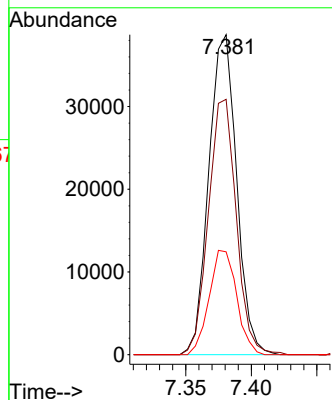
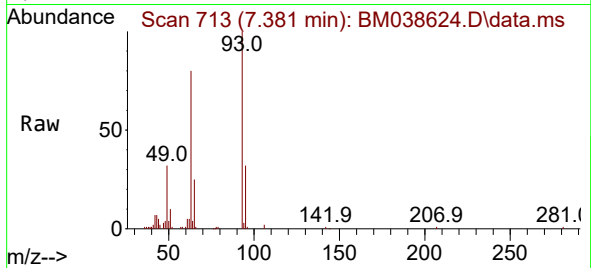




#10
Bis(2-Chloroethyl)ether
Concen: 30.110 ng/ul
RT: 7.381 min Scan# 712
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

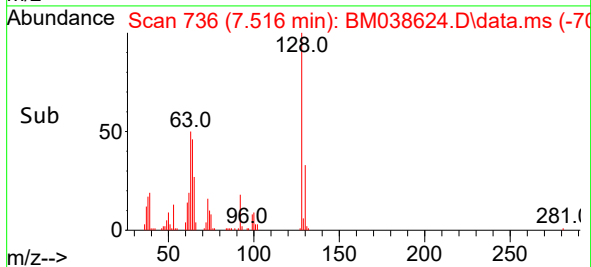
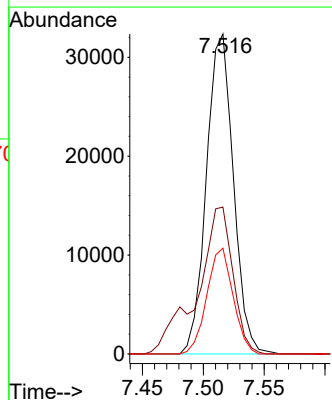
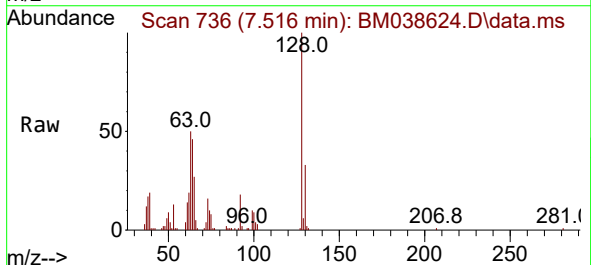
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ClientSampleId :

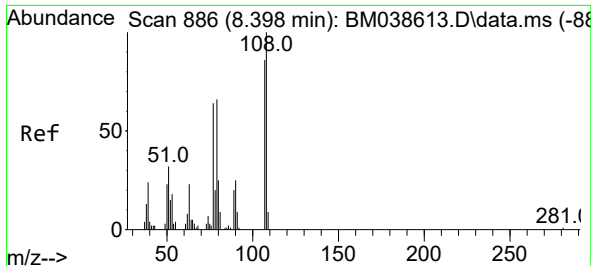
Tgt Ion: 93 Resp: 57146
Ion Ratio Lower Upper
93 100
63 79.8 73.9 110.9
95 32.2 28.0 42.0



#12
2-Chlorophenol
Concen: 22.623 ng/ul
RT: 7.516 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

Tgt Ion:128 Resp: 49948
Ion Ratio Lower Upper
128 100
64 45.9 40.0 60.0
130 33.1 24.4 36.6





#13

2-Methylphenol

Concen: 16.082 ng/ul

RT: 8.404 min Scan# 886

Delta R.T. 0.000 min

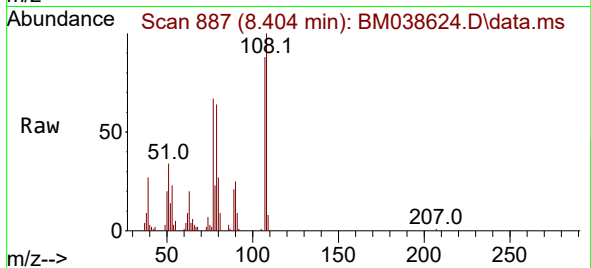
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Instrument :

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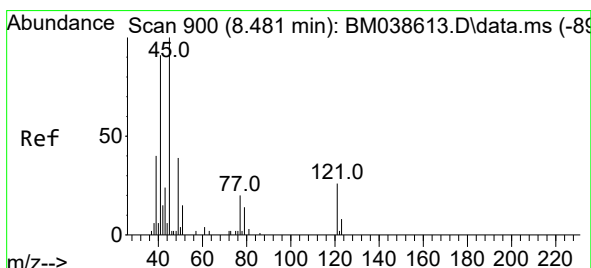
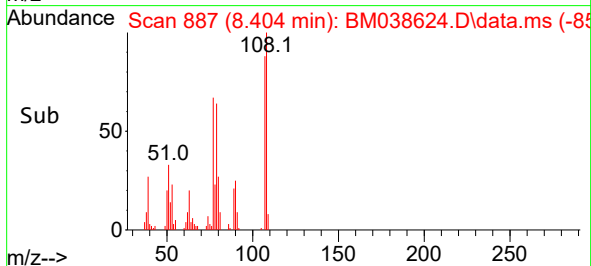
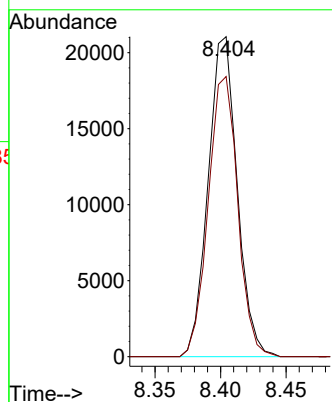


Tgt Ion:108 Resp: 32458

Ion Ratio Lower Upper

108 100

107 87.5 66.6 100.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 28.896 ng/ul

RT: 8.487 min Scan# 901

Delta R.T. 0.006 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

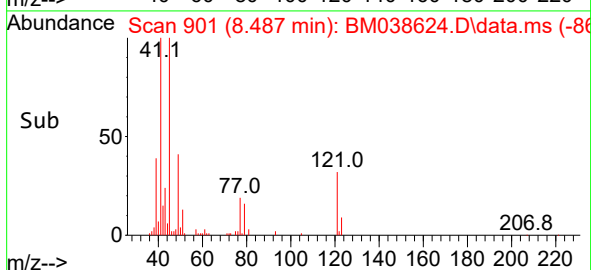
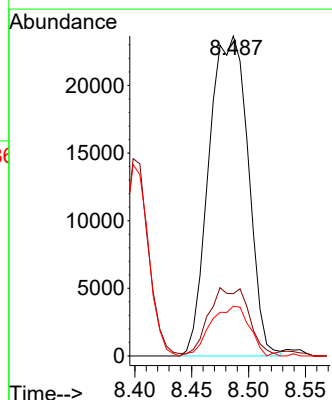
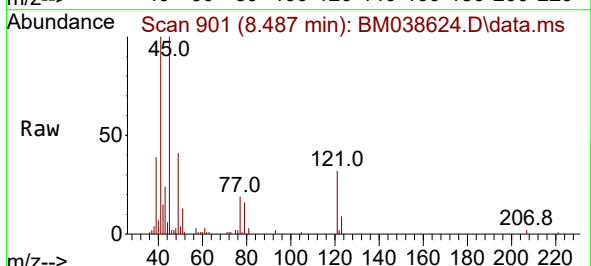
Tgt Ion: 45 Resp: 56661

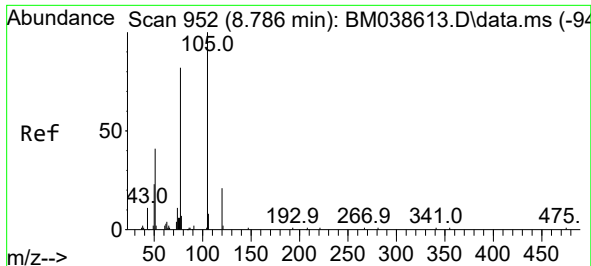
Ion Ratio Lower Upper

45 100

77 19.4 16.9 25.3

79 15.5 11.8 17.6

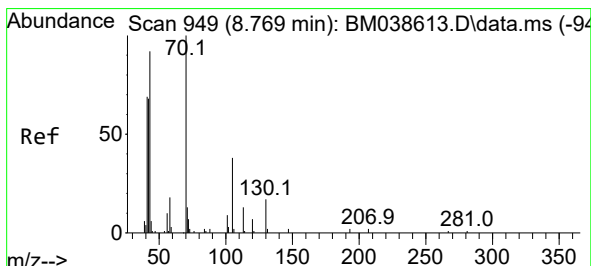
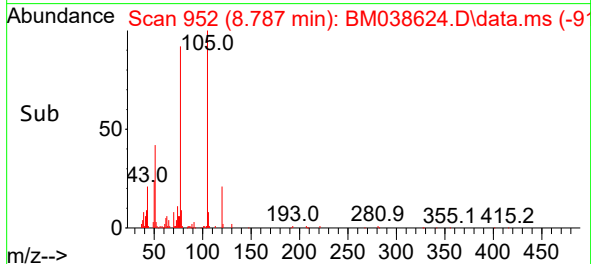
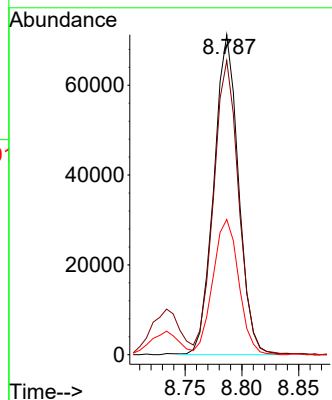
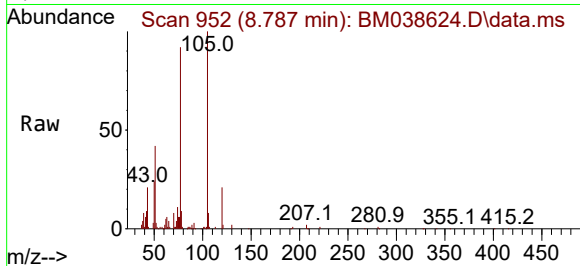




#16
Acetophenone
Concen: 28.765 ng/ul
RT: 8.787 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

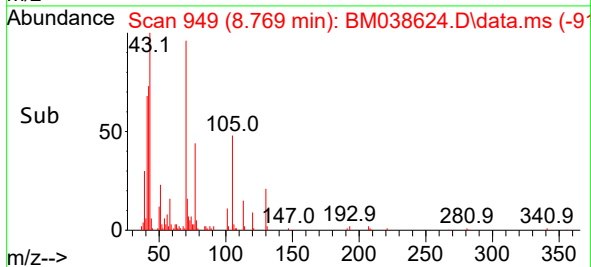
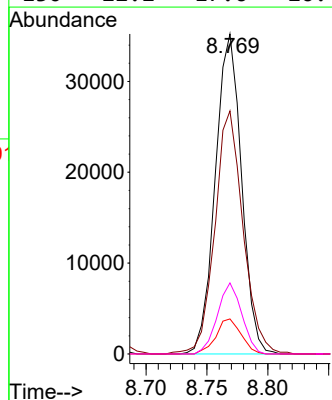
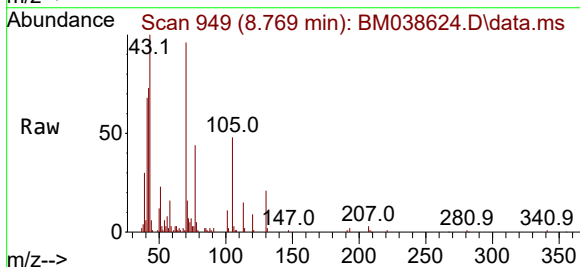
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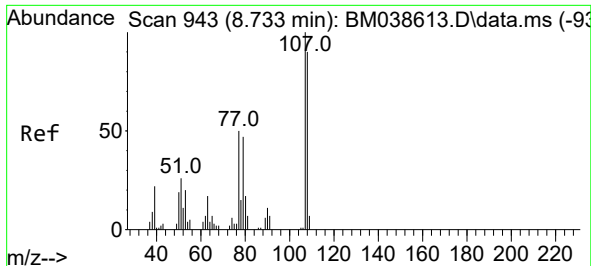
Tgt Ion:105 Resp: 107578
Ion Ratio Lower Upper
105 100
77 91.9 78.6 117.8
51 42.3 37.2 55.8



#17
N-Nitroso-di-n-propylamine
Concen: 30.703 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

Tgt Ion: 70 Resp: 52770
Ion Ratio Lower Upper
70 100
42 76.0 63.6 95.4
101 11.0 6.3 9.5#
130 22.2 17.6 26.4

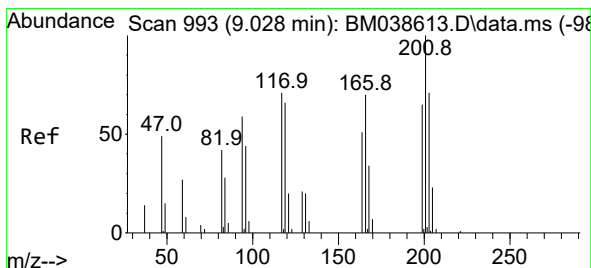
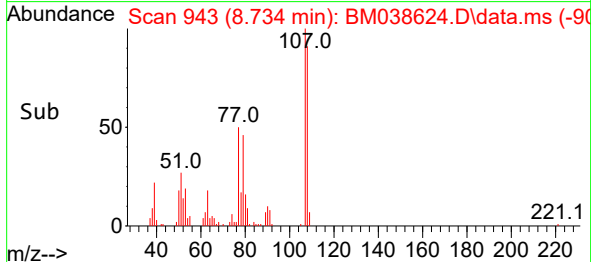
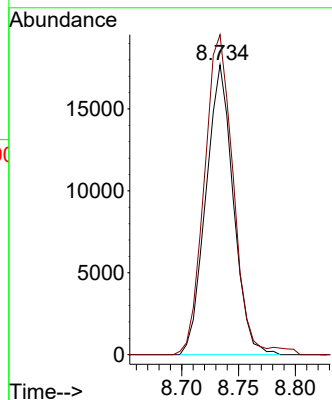
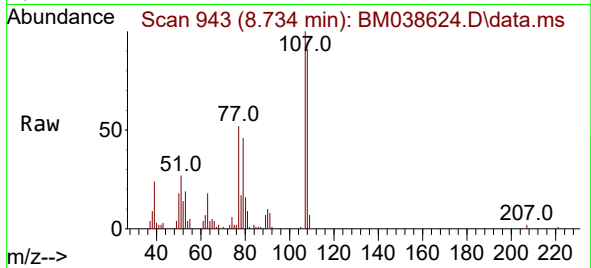




#18
4-Methylphenol
Concen: 13.877 ng/ul
RT: 8.734 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

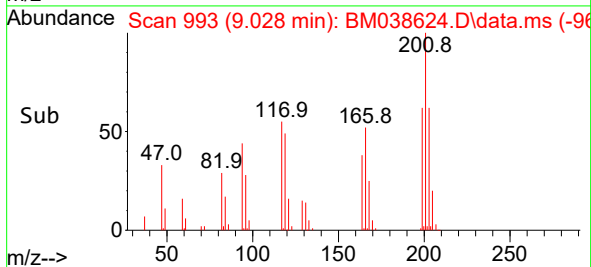
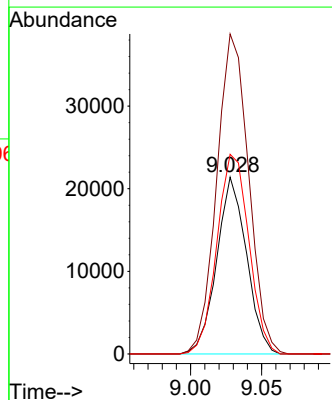
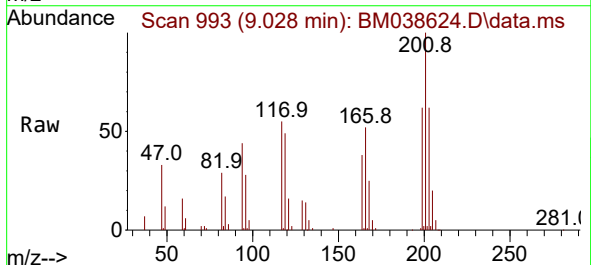
Instrument :
BNA_M
ClientSampleId :

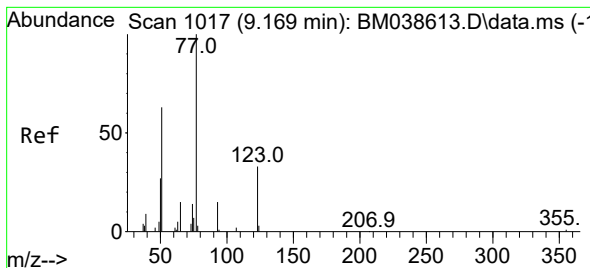
Tgt Ion:108 Resp: 29727
Ion Ratio Lower Upper
108 100
107 110.4 95.1 142.7



#19
Hexachloroethane
Concen: 28.112 ng/ul
RT: 9.028 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

Tgt Ion:117 Resp: 31306
Ion Ratio Lower Upper
117 100
201 185.1 124.4 186.6
199 113.0 76.3 114.5

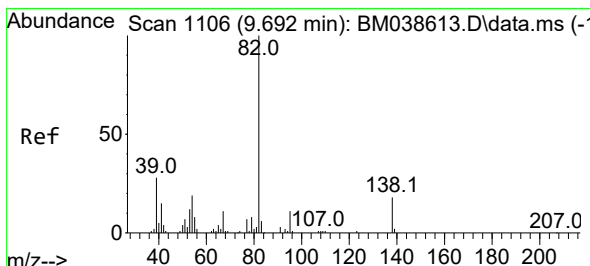
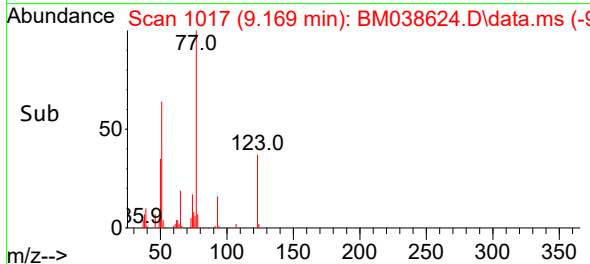
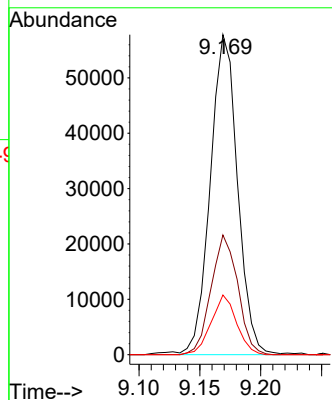
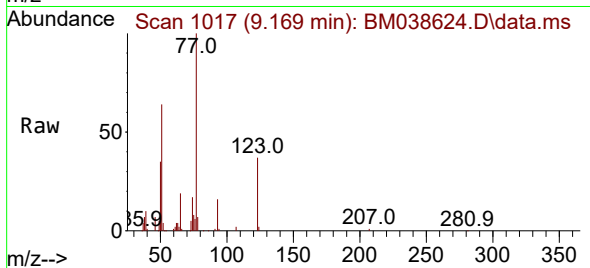




#22
Nitrobenzene
Concen: 33.558 ng/ul
RT: 9.169 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

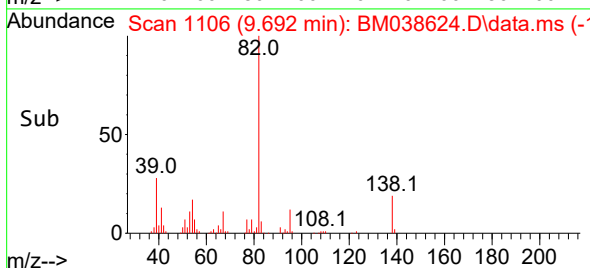
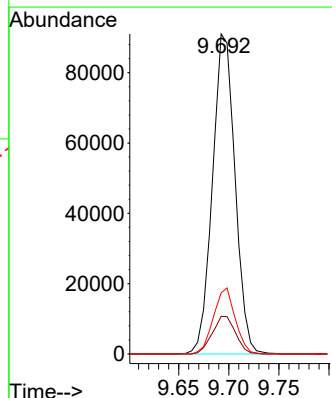
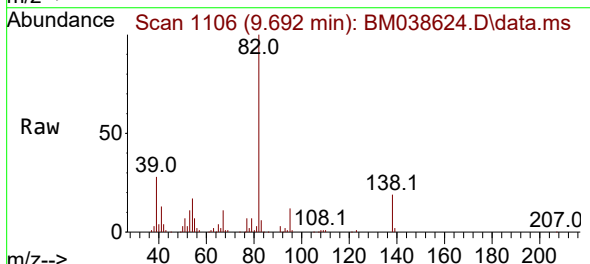
Instrument :
BNA_M
ClientSampleId :

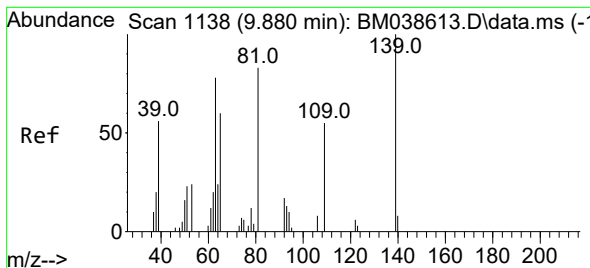
Tgt Ion: 77 Resp: 89985
Ion Ratio Lower Upper
77 100
123 37.4 29.5 44.3
65 18.6 13.6 20.4



#23
Isophorone
Concen: 35.115 ng/ul
RT: 9.692 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

Tgt Ion: 82 Resp: 142484
Ion Ratio Lower Upper
82 100
95 11.7 9.3 13.9
138 19.1 13.4 20.0





#25

2-Nitrophenol

Concen: 32.719 ng/ul

RT: 9.881 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BM038624.D

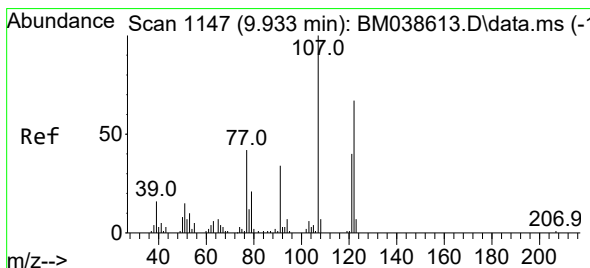
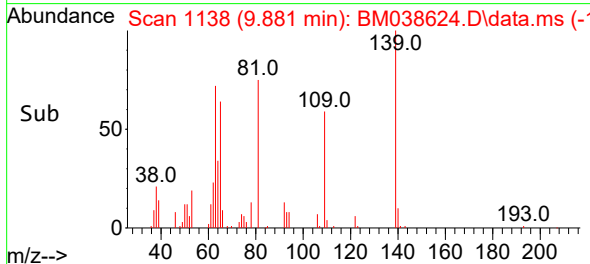
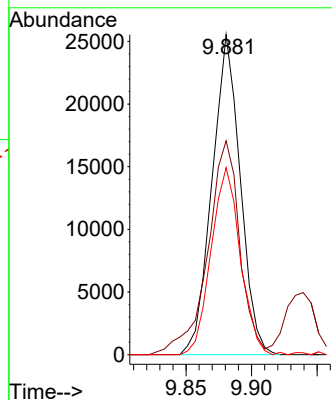
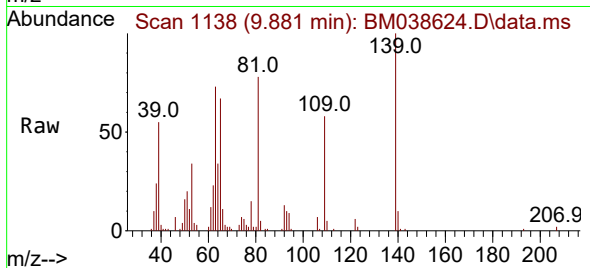
Acq: 31 Jan 2023 17:57

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:139	Resp:	38158
Ion Ratio	Lower	Upper
139	100	
65	66.9	58.6
109	58.5	46.8



#26

2,4-Dimethylphenol

Concen: 21.000 ng/ul

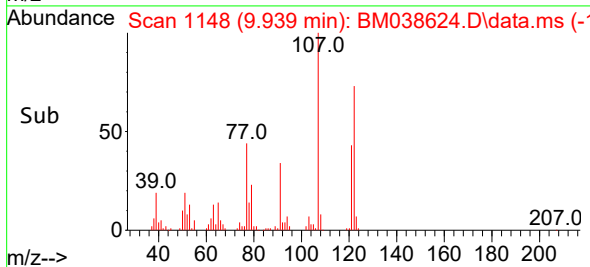
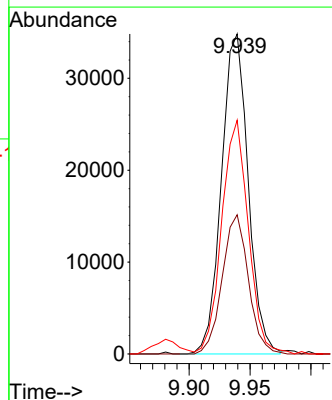
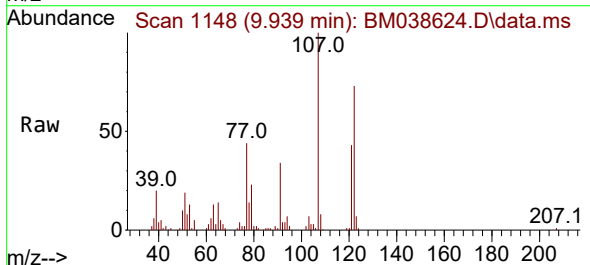
RT: 9.939 min Scan# 1148

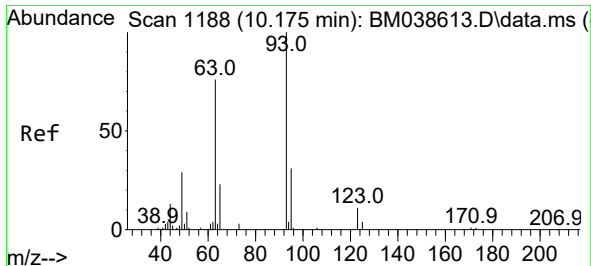
Delta R.T. 0.000 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Tgt Ion:107	Resp:	53196
Ion Ratio	Lower	Upper
107	100	
121	43.5	32.6
122	73.1	54.8





#27

Bis(2-Chloroethoxy)methane

Concen: 34.062 ng/ul

RT: 10.175 min Scan# 1188

Delta R.T. -0.006 min

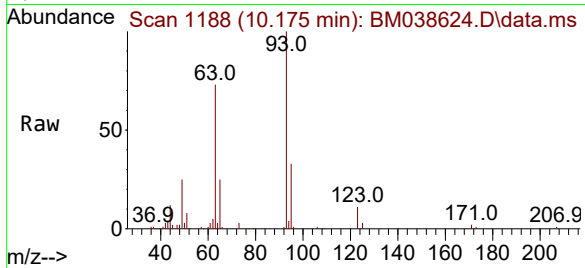
Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Instrument :

BNA_M

ClientSampleId :



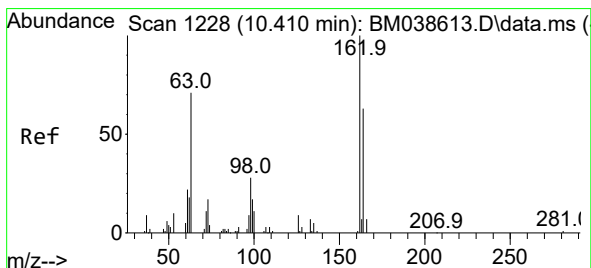
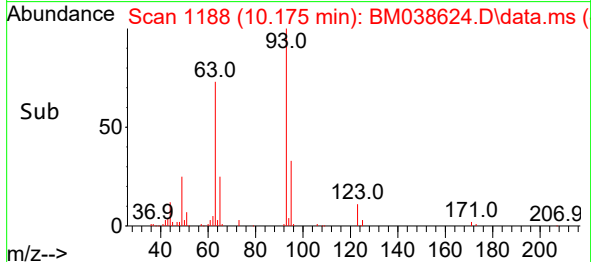
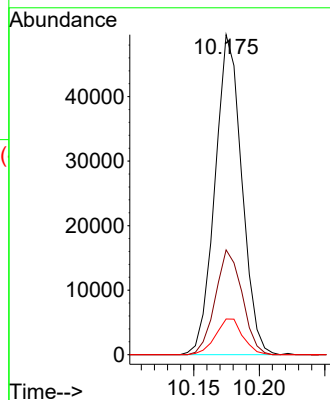
Tgt Ion: 93 Resp: 70473

Ion Ratio Lower Upper

93 100

95 32.8 25.3 37.9

123 11.2 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 33.391 ng/ul

RT: 10.410 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

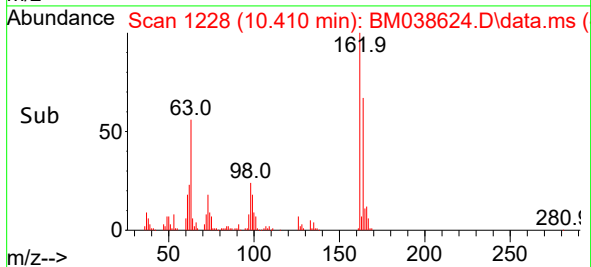
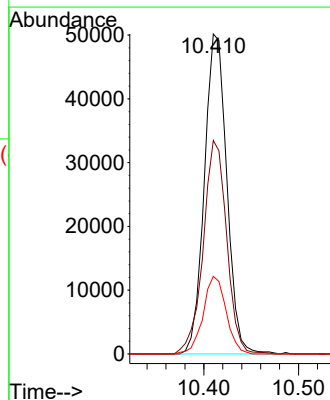
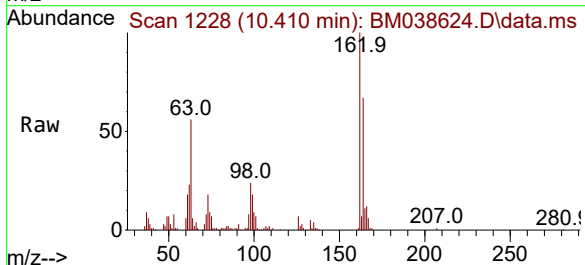
Tgt Ion:162 Resp: 82639

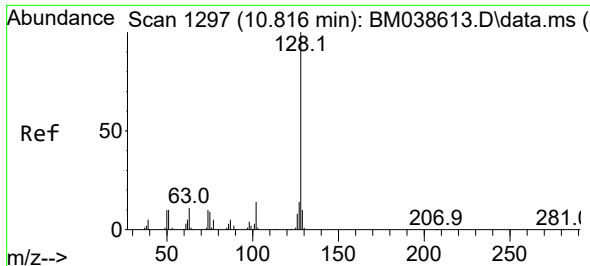
Ion Ratio Lower Upper

162 100

164 66.7 56.3 84.5

98 24.2 24.6 37.0#

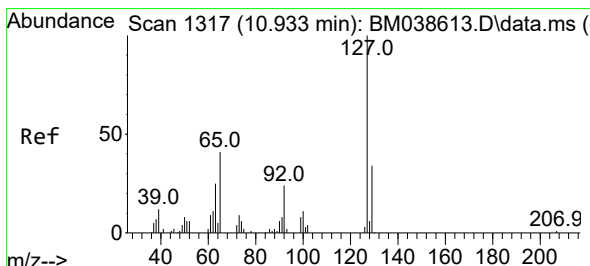
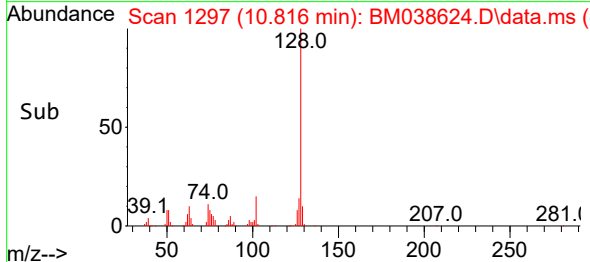
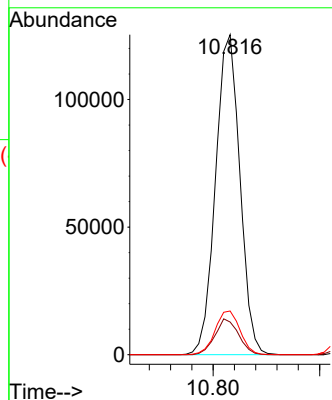
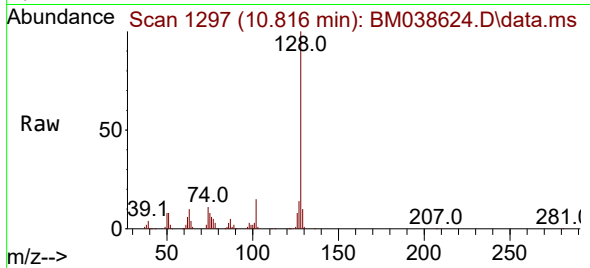




#30
Naphthalene
Concen: 34.133 ng/ul
RT: 10.816 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

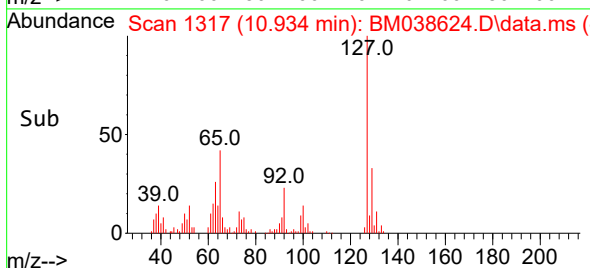
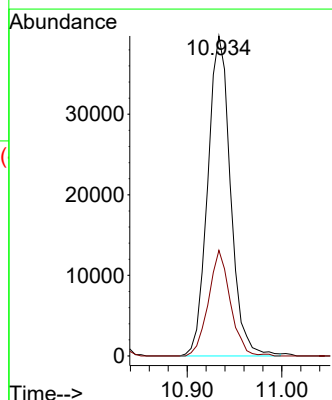
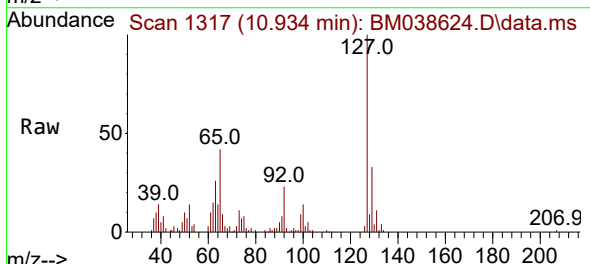
Instrument :
BNA_M
ClientSampleId :

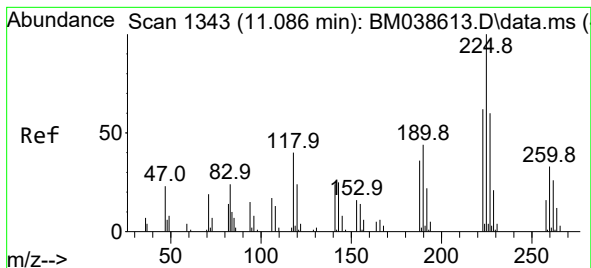
Tgt Ion:128 Resp: 199052
Ion Ratio Lower Upper
128 100
129 10.2 8.0 12.0
127 13.6 10.5 15.7



#32
4-Chloroaniline
Concen: 26.165 ng/ul
RT: 10.934 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

Tgt Ion:127 Resp: 66438
Ion Ratio Lower Upper
127 100
129 33.0 26.9 40.3

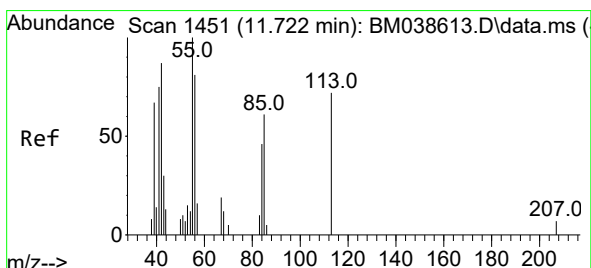
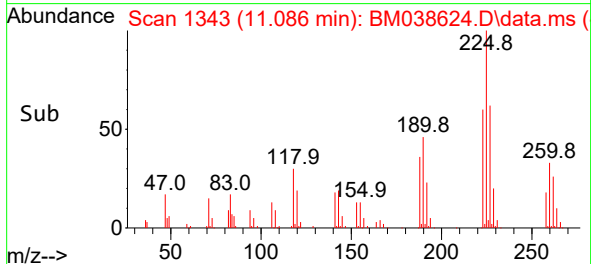
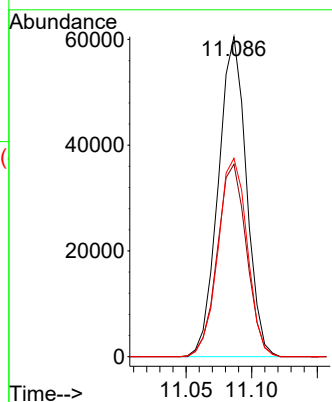
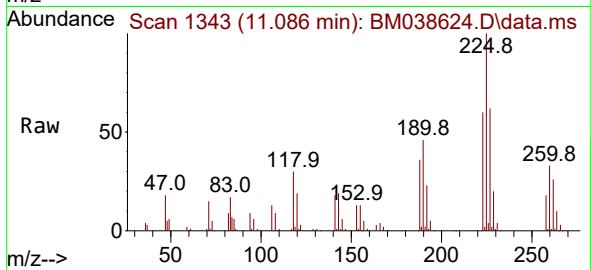




#33
Hexachlorobutadiene
Concen: 34.974 ng/ul
RT: 11.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

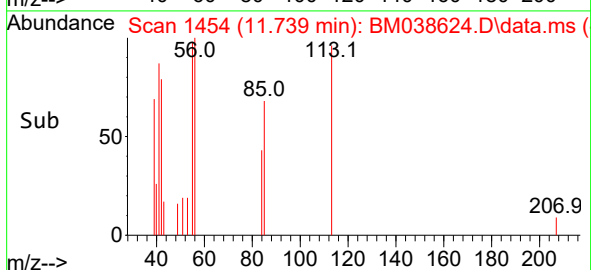
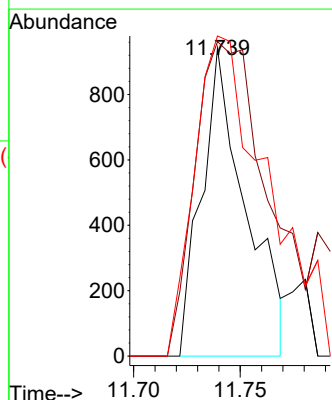
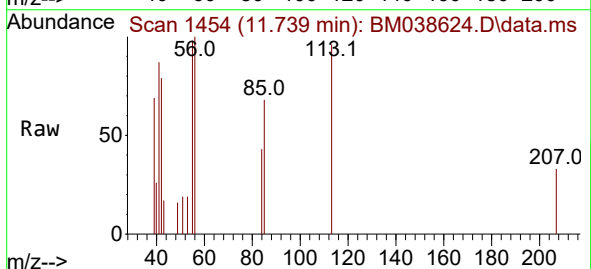
Instrument :
BNA_M
ClientSampleId :

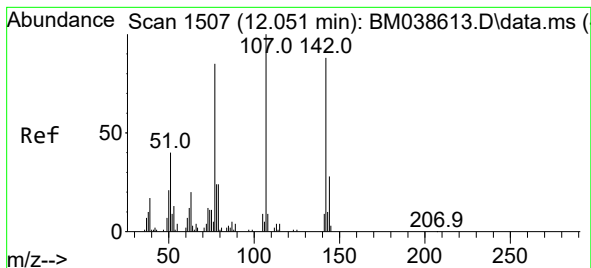
Tgt Ion:225 Resp: 89953
Ion Ratio Lower Upper
225 100
223 60.2 48.0 72.0
227 62.0 53.6 80.4



#34
Caprolactam
Concen: 2.787 ng/ul
RT: 11.739 min Scan# 1454
Delta R.T. 0.024 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

Tgt Ion:113 Resp: 1357
Ion Ratio Lower Upper
113 100
55 102.1 107.6 161.4#
56 103.9 96.5 144.7

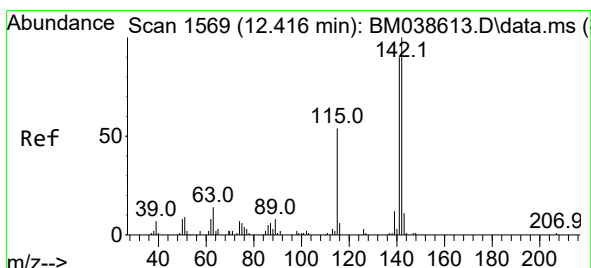
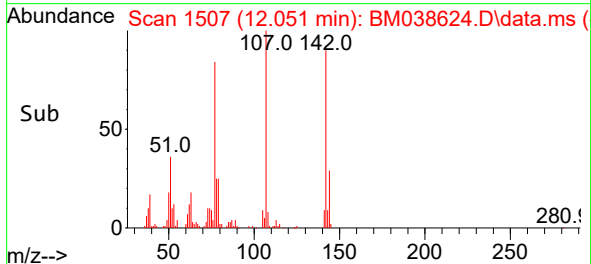
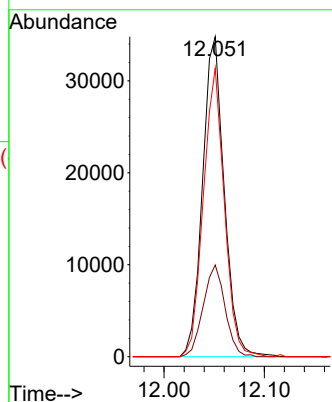
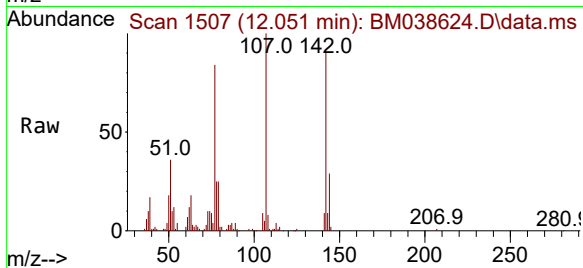




#35
4-Chloro-3-methylphenol
Concen: 26.781 ng/ul
RT: 12.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

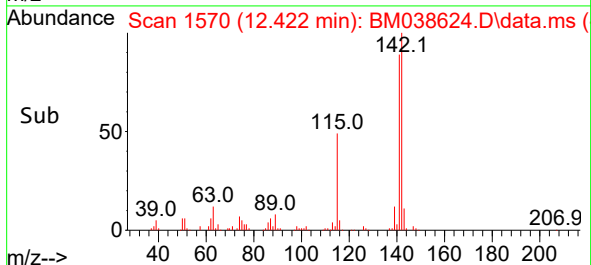
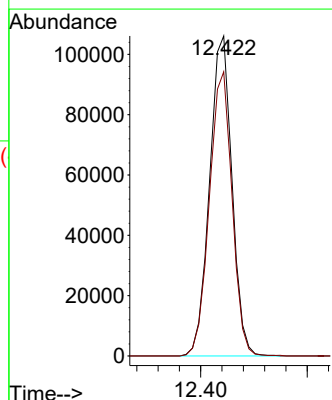
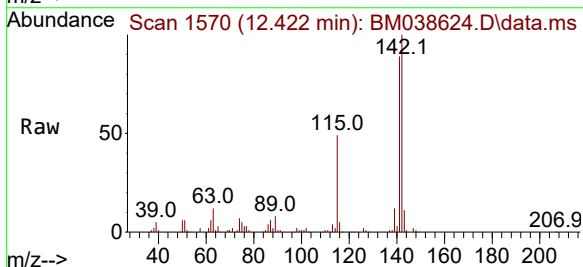
Instrument :
BNA_M
ClientSampleId :

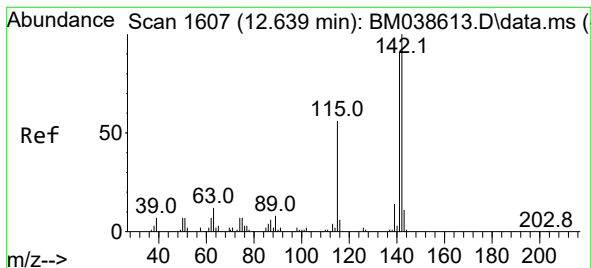
Tgt Ion:107 Resp: 52355
Ion Ratio Lower Upper
107 100
144 28.6 18.1 27.1#
142 90.1 60.2 90.4



#36
2-Methylnaphthalene
Concen: 35.719 ng/ul
RT: 12.422 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

Tgt Ion:142 Resp: 154932
Ion Ratio Lower Upper
142 100
141 88.8 73.7 110.5





#37

1-Methylnaphthalene

Concen: 35.564 ng/ul

RT: 12.639 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Instrument :

BNA_M

ClientSampleId :

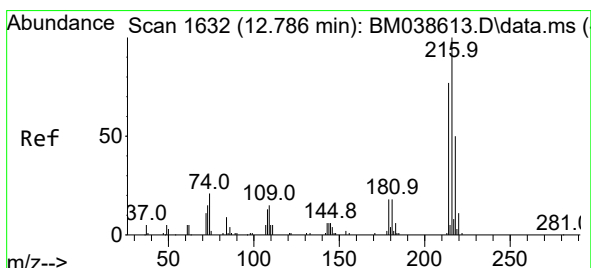
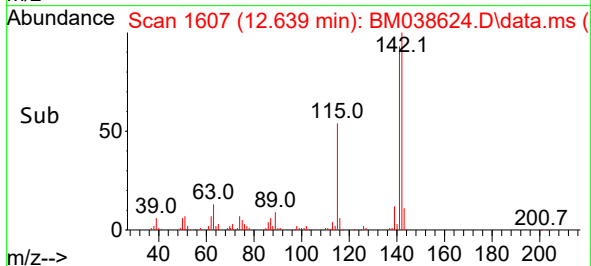
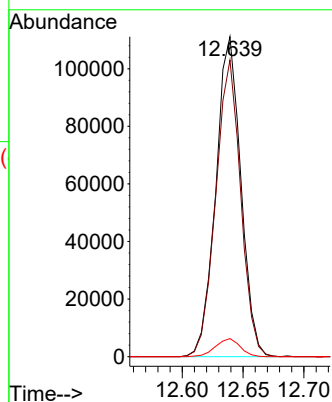
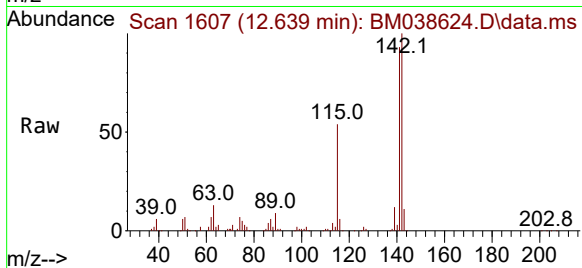
Tgt Ion:142 Resp: 159240

Ion Ratio Lower Upper

142 100

141 92.7 75.2 112.8

116 5.7 5.0 7.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.598 ng/ul

RT: 12.786 min Scan# 1632

Delta R.T. 0.000 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Tgt Ion:216 Resp: 151365

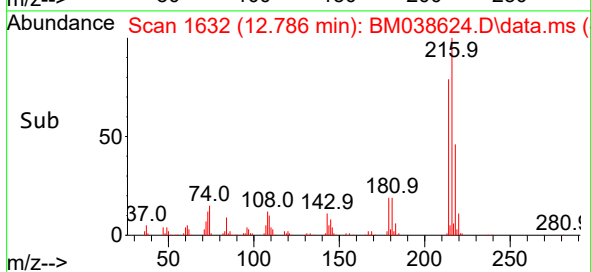
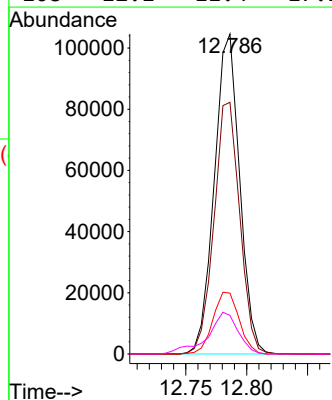
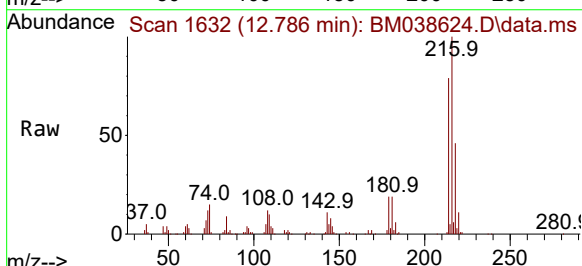
Ion Ratio Lower Upper

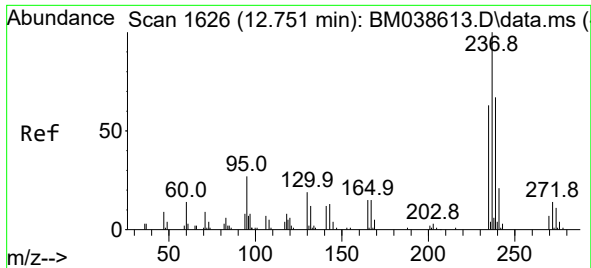
216 100

214 78.7 61.1 91.7

179 19.0 17.0 25.4

108 12.1 11.4 17.2

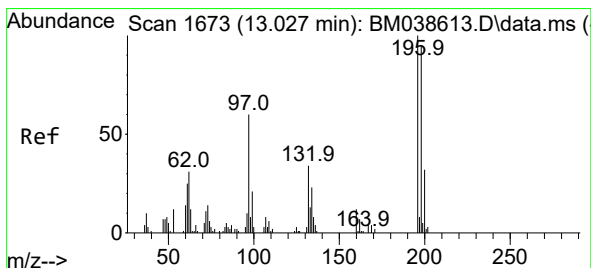
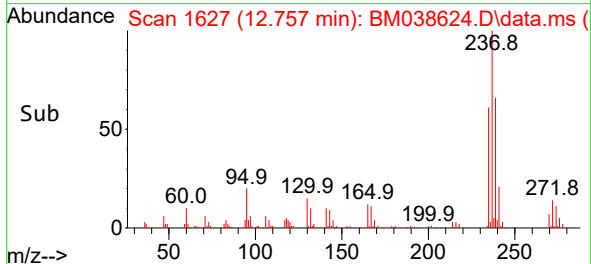
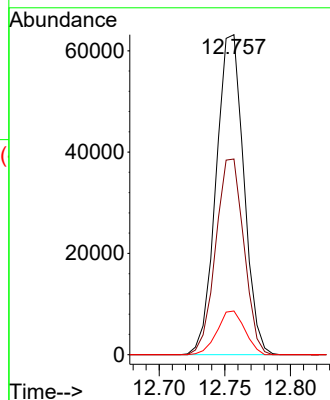
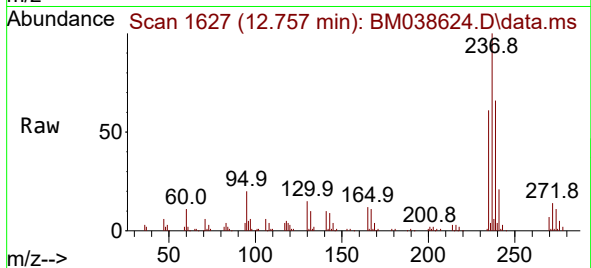




#40
Hexachlorocyclopentadiene
Concen: 28.832 ng/ul
RT: 12.757 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

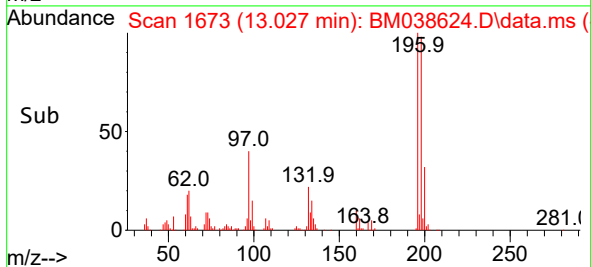
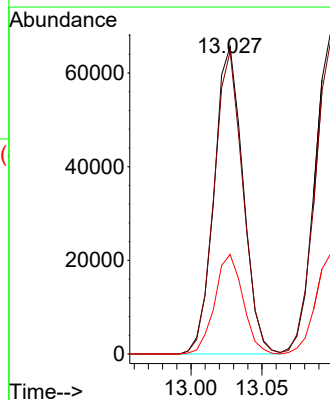
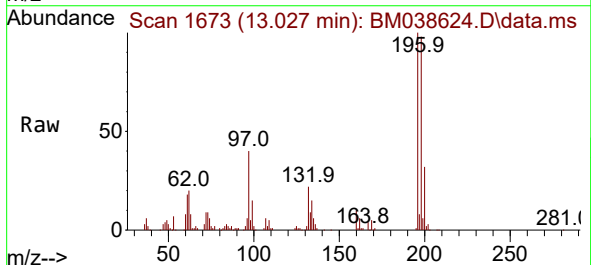
Instrument :
BNA_M
ClientSampleId :

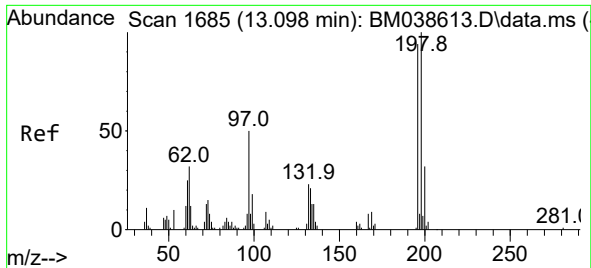
Tgt Ion:237 Resp: 92689
Ion Ratio Lower Upper
237 100
235 61.1 49.2 73.8
272 14.2 11.0 16.6



#41
2,4,6-Trichlorophenol
Concen: 33.872 ng/ul
RT: 13.027 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

Tgt Ion:196 Resp: 92909
Ion Ratio Lower Upper
196 100
198 98.4 83.6 125.4
200 32.4 27.5 41.3

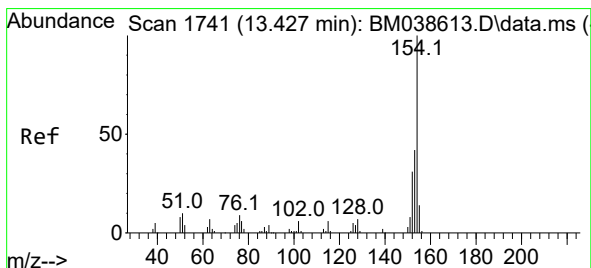
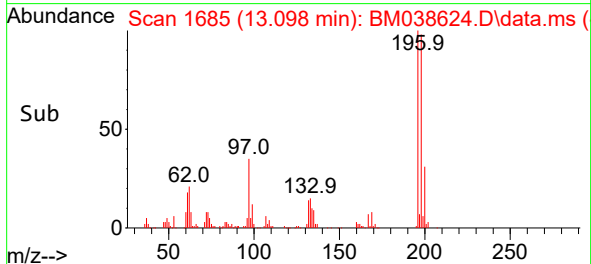
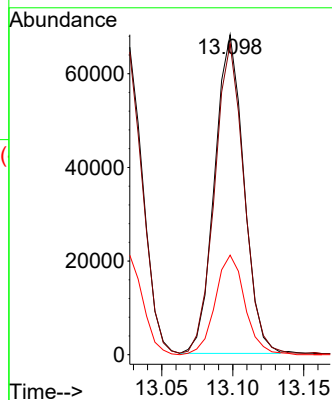
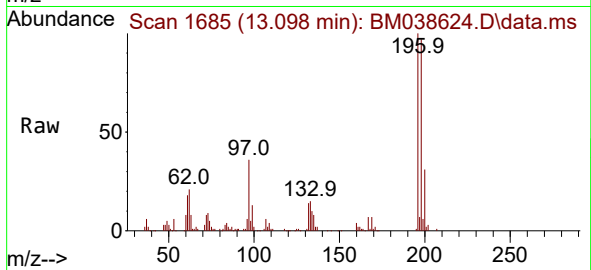




#42
2,4,5-Trichlorophenol
Concen: 33.267 ng/ul
RT: 13.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

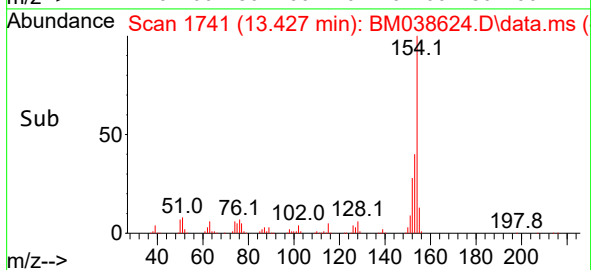
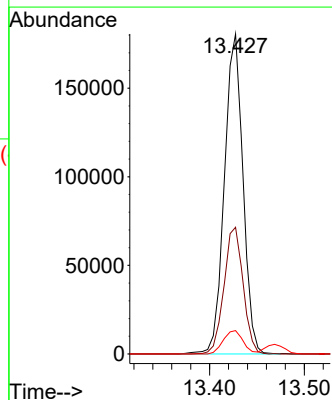
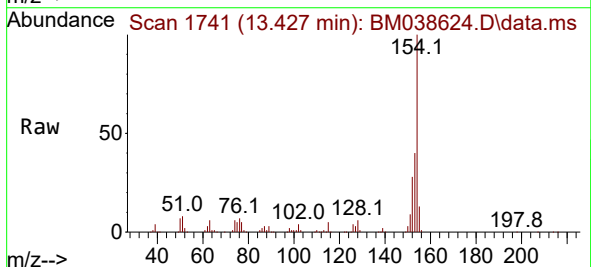
Instrument :
BNA_M
ClientSampleId :

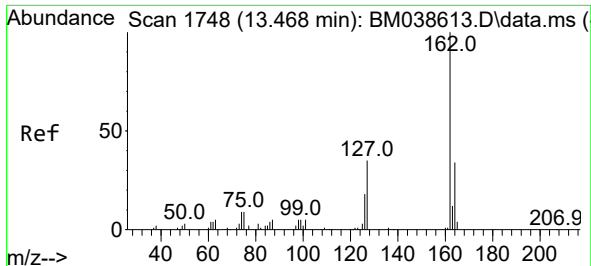
Tgt Ion:196 Resp: 97448
Ion Ratio Lower Upper
196 100
198 97.2 73.2 109.8
200 31.1 25.8 38.8



#43
1,1'-Biphenyl
Concen: 34.975 ng/ul
RT: 13.427 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

Tgt Ion:154 Resp: 246131
Ion Ratio Lower Upper
154 100
153 39.6 33.2 49.8
76 7.3 6.7 10.1

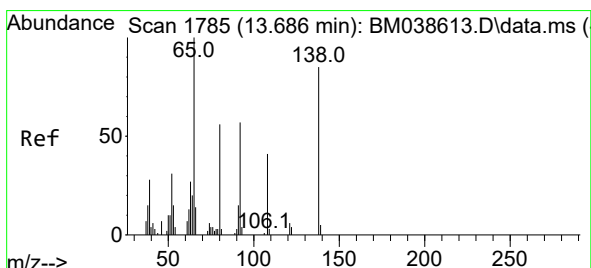
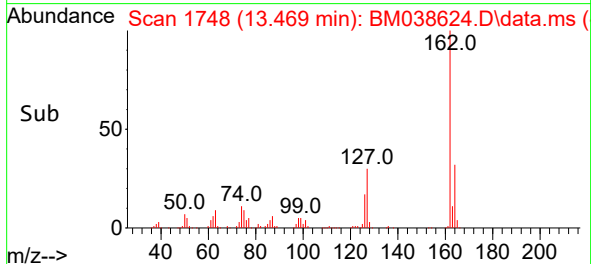
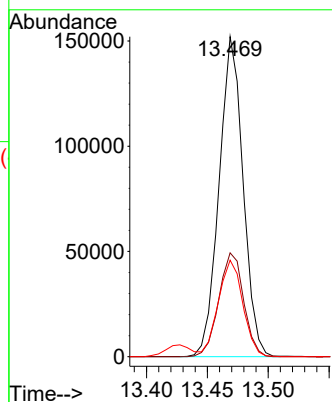
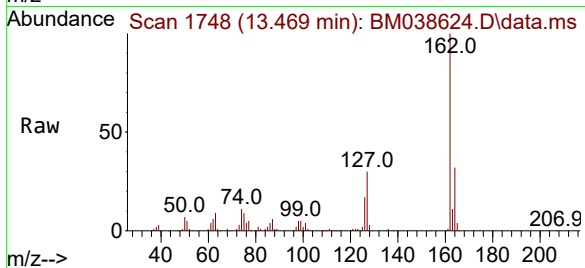




#44
2-Chloronaphthalene
Concen: 35.676 ng/ul
RT: 13.469 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

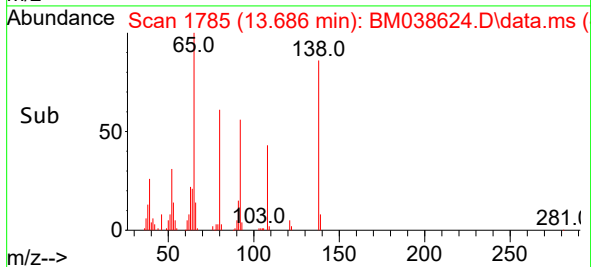
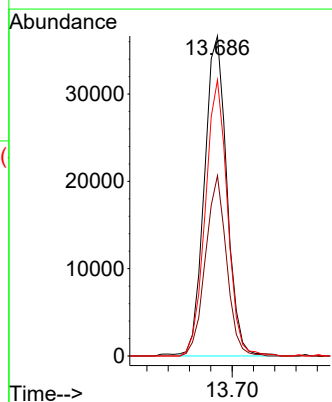
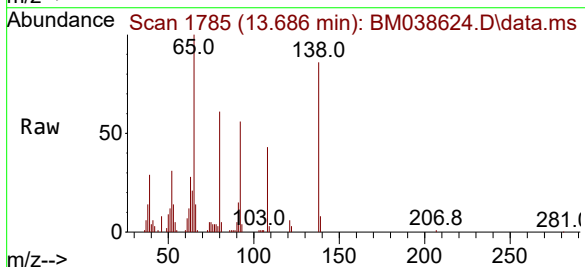
Instrument :
BNA_M
ClientSampleId :

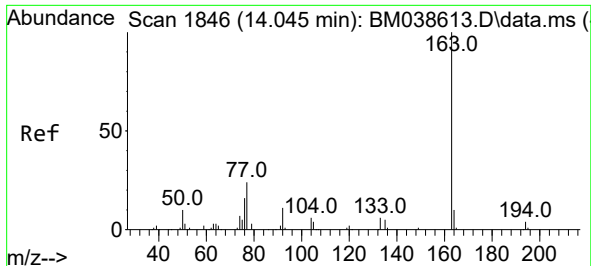
Tgt Ion:162 Resp: 208569
Ion Ratio Lower Upper
162 100
164 32.4 26.6 40.0
127 30.2 31.6 47.4#



#45
2-Nitroaniline
Concen: 34.308 ng/ul
RT: 13.686 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

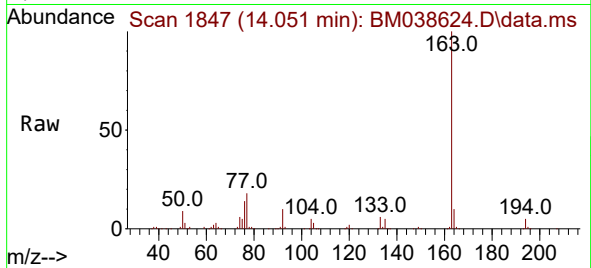
Tgt Ion: 65 Resp: 53647
Ion Ratio Lower Upper
65 100
92 56.3 41.5 62.3
138 86.3 63.3 94.9



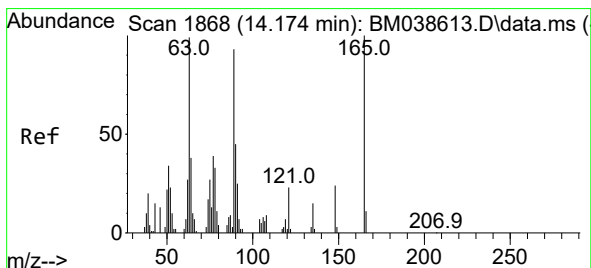
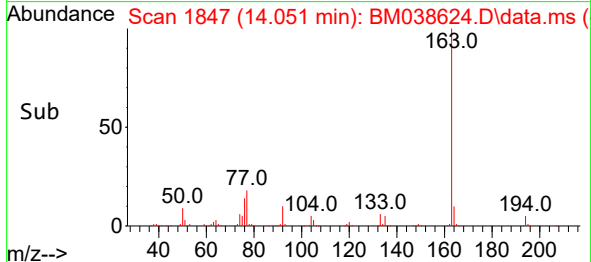
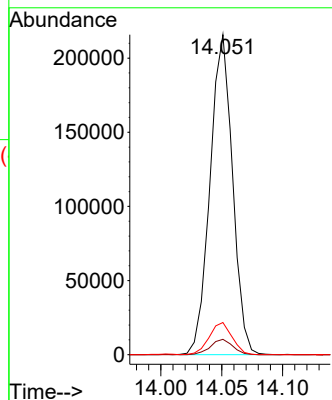


#47
Dimethylphthalate
Concen: 37.255 ng/ul
RT: 14.051 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

Instrument :
BNA_M
ClientSampleId :

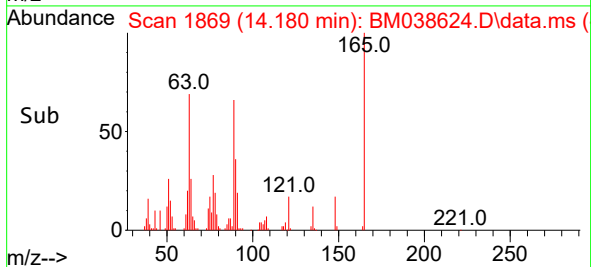
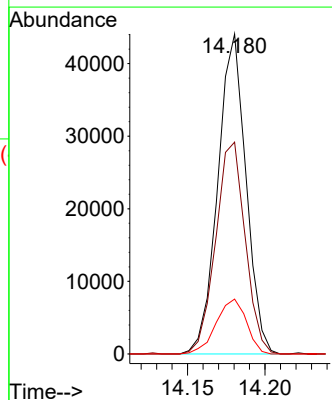
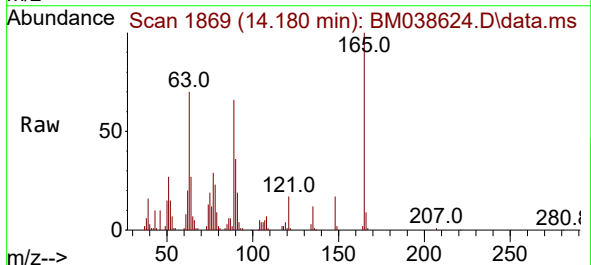


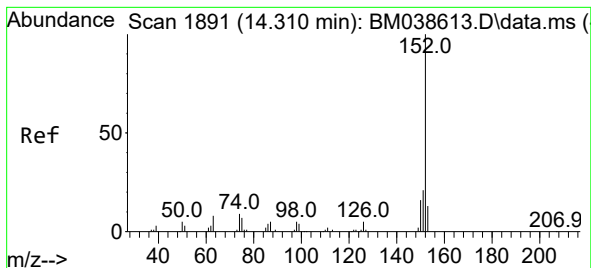
Tgt Ion:163 Resp: 277146
Ion Ratio Lower Upper
163 100
194 4.8 3.5 5.3
164 10.1 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 40.526 ng/ul
RT: 14.180 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

Tgt Ion:165 Resp: 55835
Ion Ratio Lower Upper
165 100
89 66.2 66.7 100.1#
121 17.1 18.2 27.4#





#50

Acenaphthylene

Concen: 34.380 ng/ul

RT: 14.316 min Scan# 1891

Delta R.T. 0.000 min

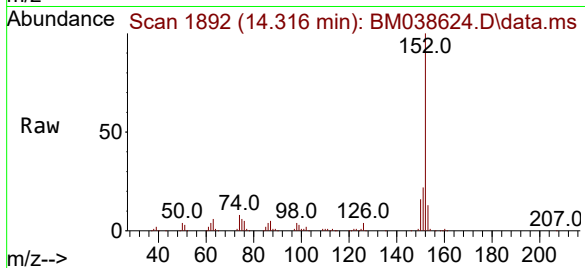
Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Instrument :

BNA_M

ClientSampleId :



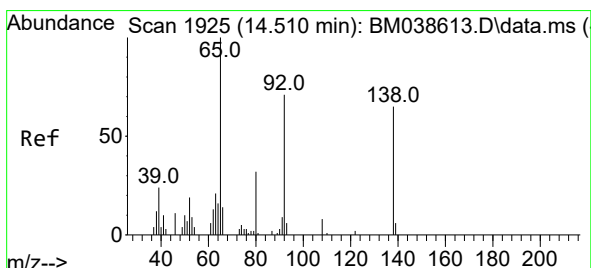
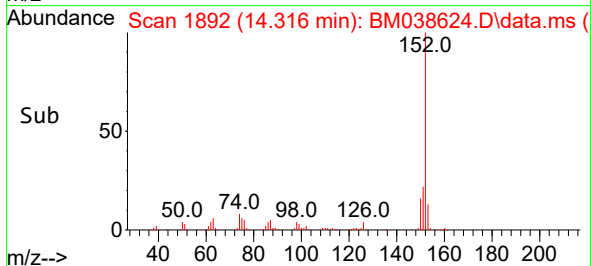
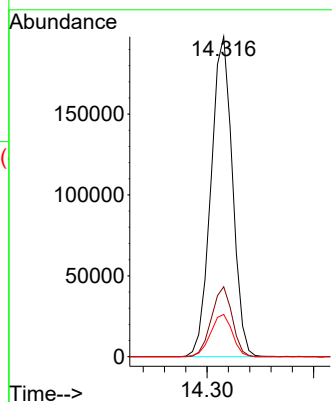
Tgt Ion:152 Resp: 276599

Ion Ratio Lower Upper

152 100

151 21.8 17.7 26.5

153 13.2 10.6 16.0



#51

3-Nitroaniline

Concen: 34.167 ng/ul

RT: 14.510 min Scan# 1925

Delta R.T. 0.000 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

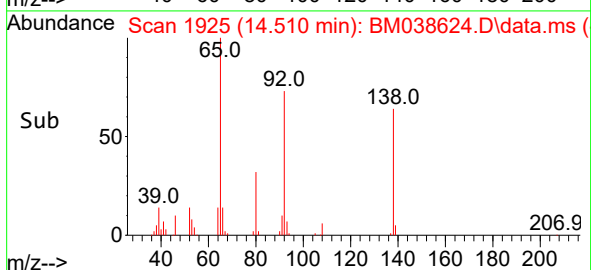
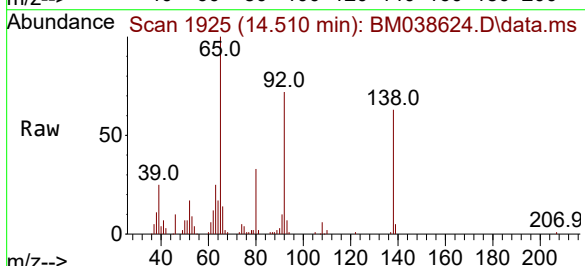
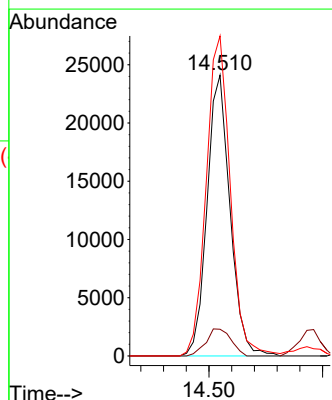
Tgt Ion:138 Resp: 33884

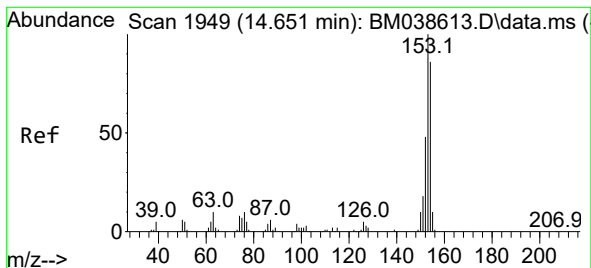
Ion Ratio Lower Upper

138 100

108 9.5 8.2 12.4

92 113.9 94.2 141.4





#52

Acenaphthene

Concen: 34.222 ng/ul

RT: 14.651 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Instrument :

BNA_M

ClientSampleId :

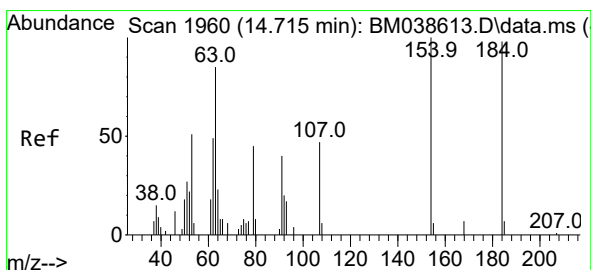
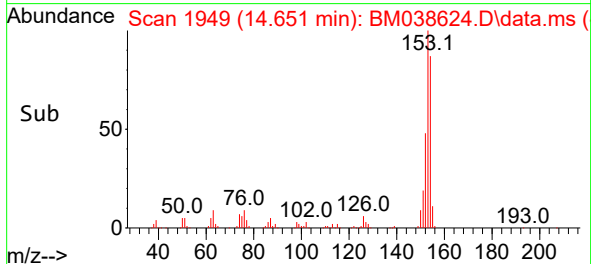
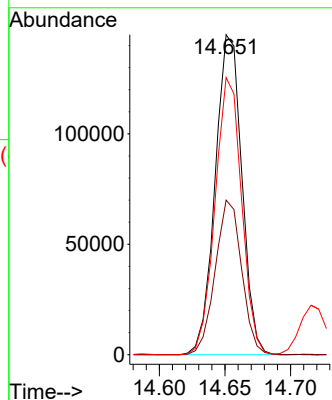
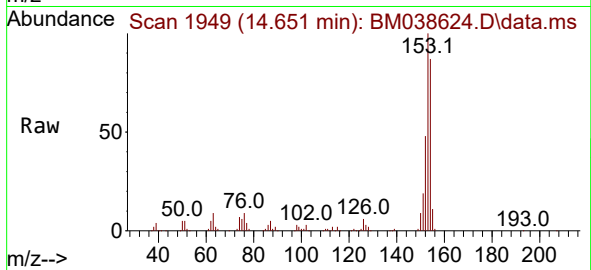
Tgt Ion:153 Resp: 204937

Ion Ratio Lower Upper

153 100

152 48.3 40.6 61.0

154 86.6 68.7 103.1



#53

2,4-Dinitrophenol

Concen: 35.951 ng/ul

RT: 14.716 min Scan# 1960

Delta R.T. -0.006 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

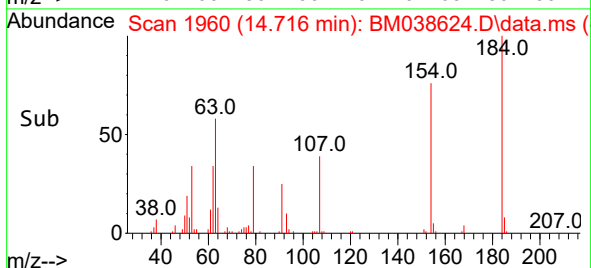
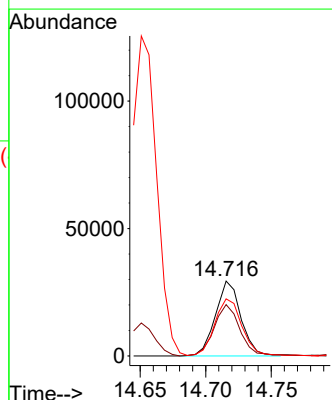
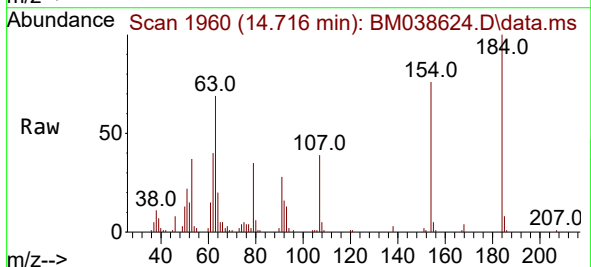
Tgt Ion:184 Resp: 39819

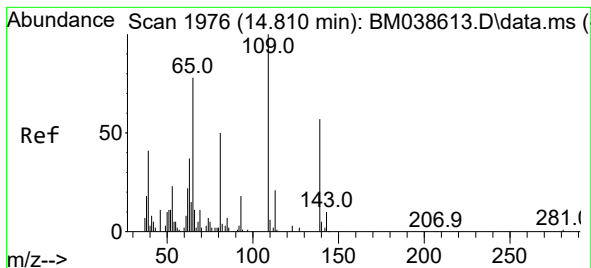
Ion Ratio Lower Upper

184 100

63 68.6 59.7 89.5

154 76.2 79.6 119.4#

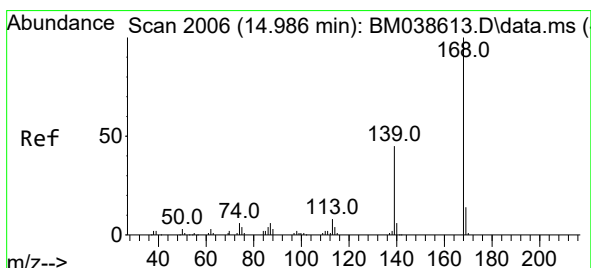
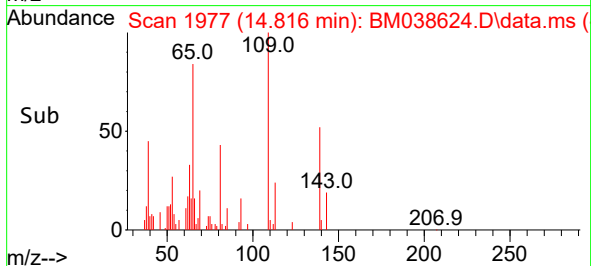
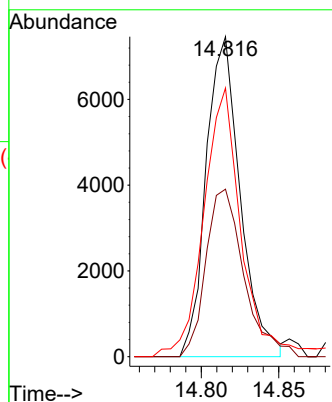
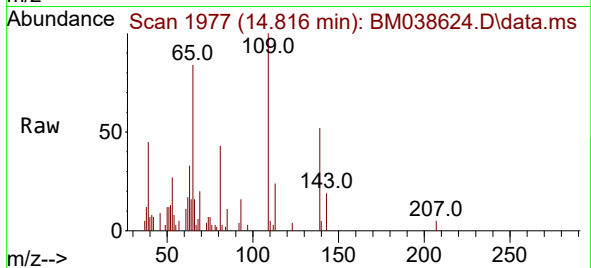




#55
4-Nitrophenol
Concen: 6.521 ng/ul
RT: 14.816 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

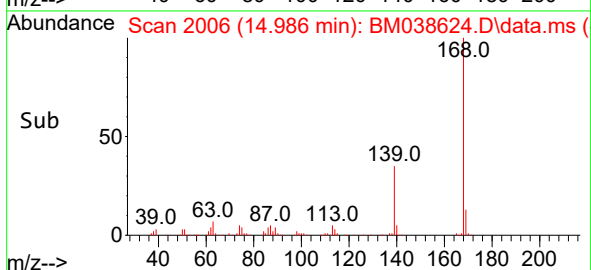
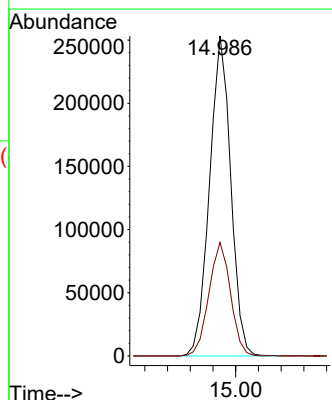
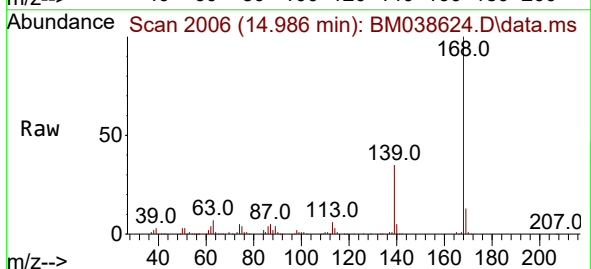
Instrument :
BNA_M
ClientSampleId :

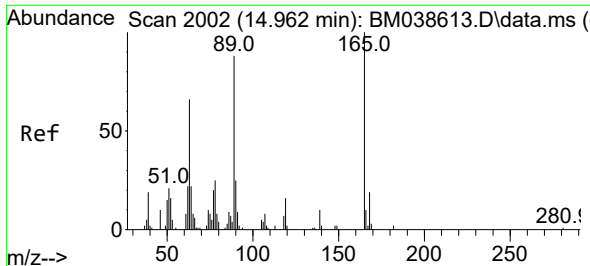
Tgt Ion:109 Resp: 11442
Ion Ratio Lower Upper
109 100
139 52.4 41.3 61.9
65 84.0 63.4 95.2



#56
Dibenzofuran
Concen: 36.835 ng/ul
RT: 14.986 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

Tgt Ion:168 Resp: 328075
Ion Ratio Lower Upper
168 100
139 35.5 35.4 53.0

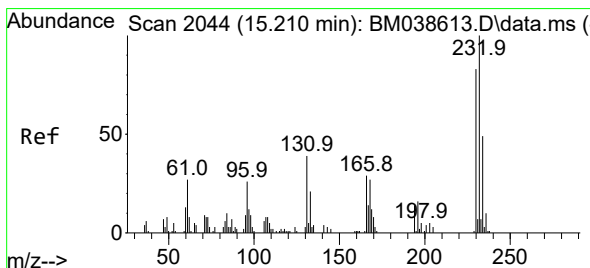
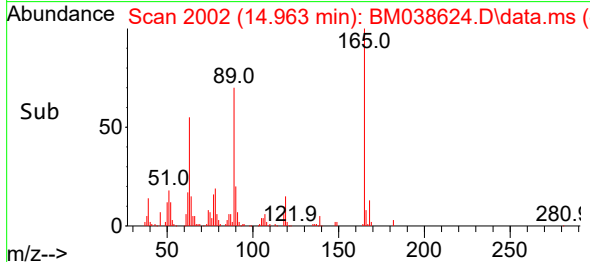
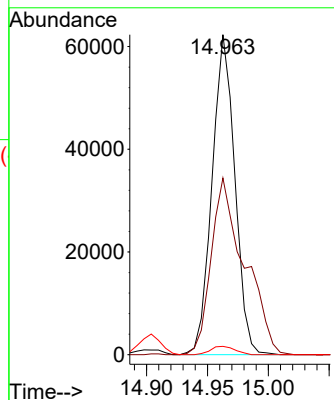
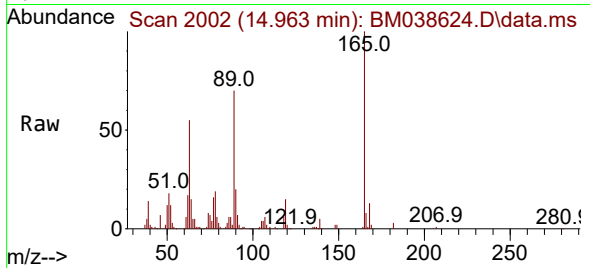




#57
 2,4-Dinitrotoluene
 Concen: 39.881 ng/ul
 RT: 14.963 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: BM038624.D
 Acq: 31 Jan 2023 17:57

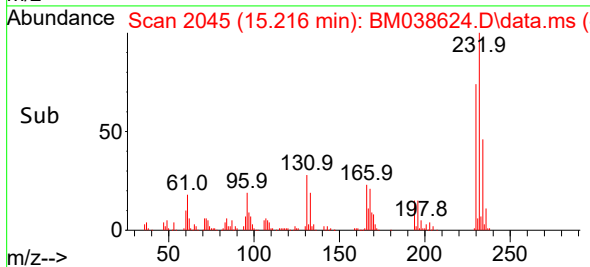
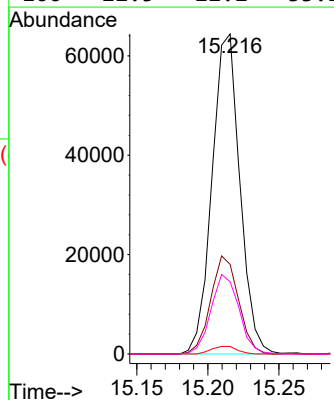
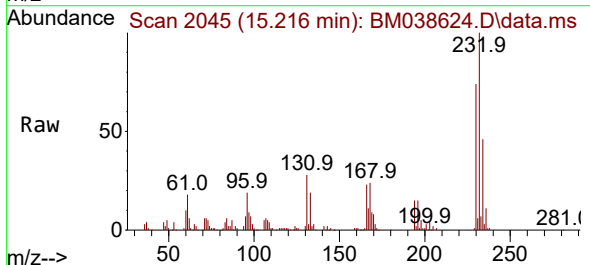
Instrument :
 BNA_M
 ClientSampleId :

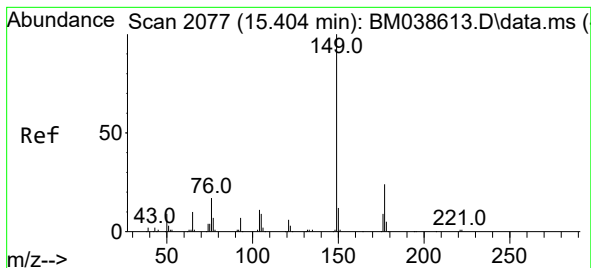
Tgt Ion:165 Resp: 80987
 Ion Ratio Lower Upper
 165 100
 63 55.2 53.1 79.7
 182 2.6 2.8 4.2#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.148 ng/ul
 RT: 15.216 min Scan# 2045
 Delta R.T. 0.000 min
 Lab File: BM038624.D
 Acq: 31 Jan 2023 17:57

Tgt Ion:232 Resp: 87580
 Ion Ratio Lower Upper
 232 100
 131 28.0 30.4 45.6#
 130 2.4 2.4 3.6#
 166 22.5 22.2 33.2





#59

Diethylphthalate

Concen: 35.649 ng/ul

RT: 15.404 min Scan# 2077

Delta R.T. 0.000 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Instrument :

BNA_M

ClientSampleId :

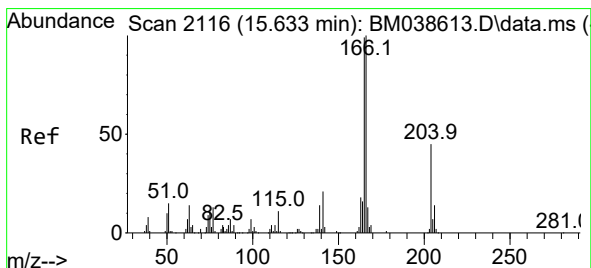
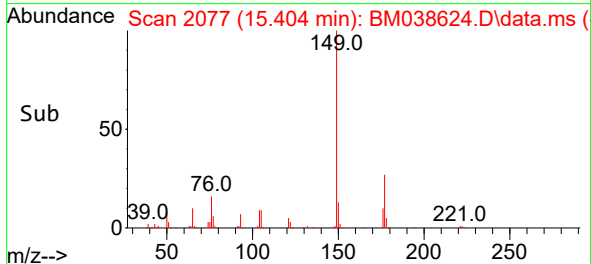
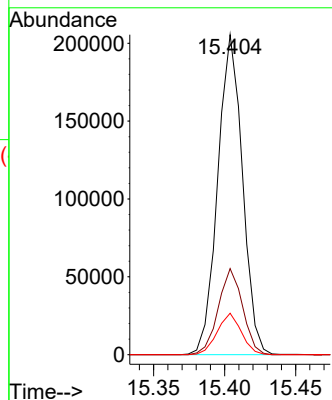
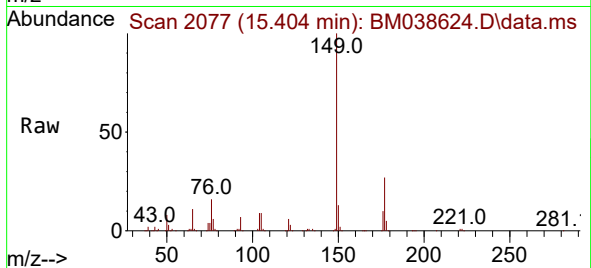
Tgt Ion:149 Resp: 248614

Ion Ratio Lower Upper

149 100

177 26.9 18.0 27.0

150 13.0 10.4 15.6



#61

Fluorene

Concen: 38.218 ng/ul

RT: 15.633 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

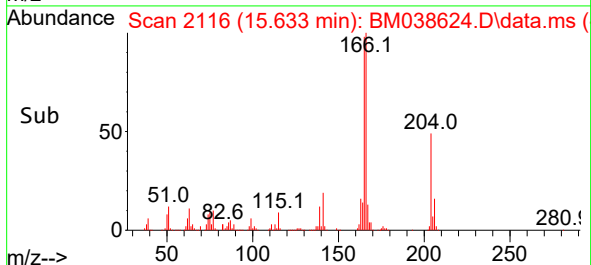
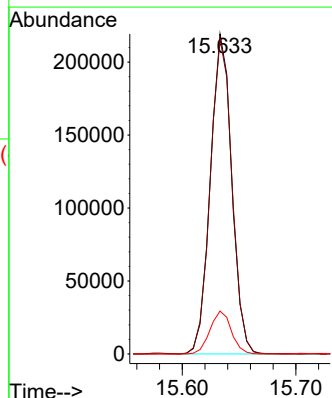
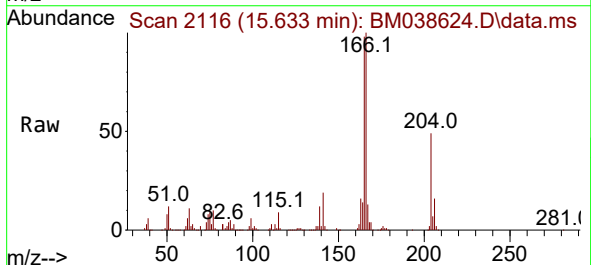
Tgt Ion:166 Resp: 286673

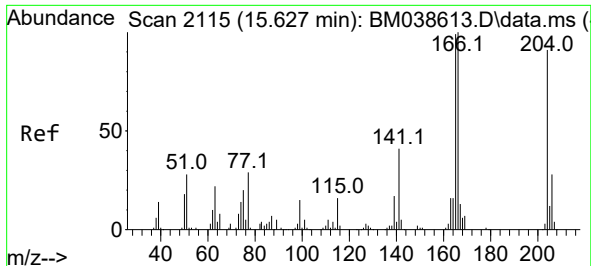
Ion Ratio Lower Upper

166 100

165 98.5 83.3 124.9

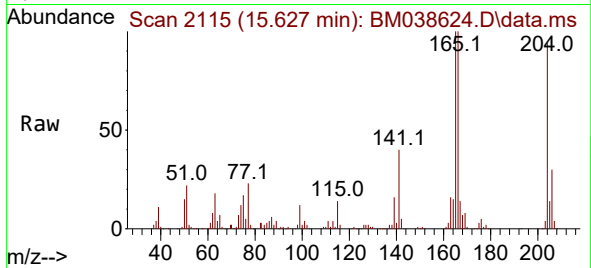
167 13.4 10.6 16.0



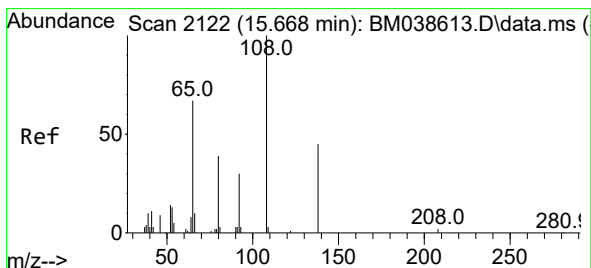
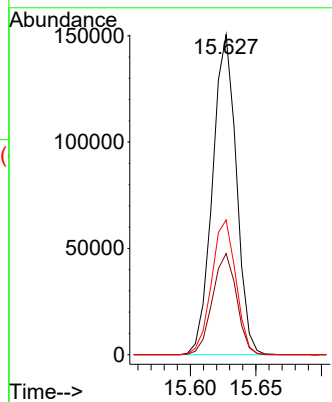
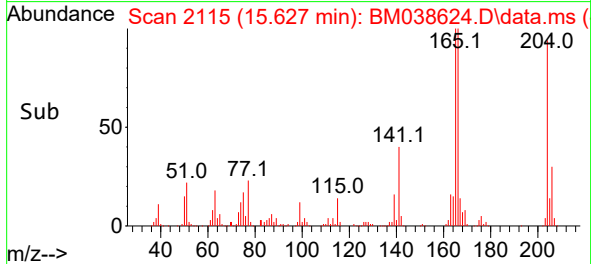


#62
4-Chlorophenyl-phenylether
Concen: 36.027 ng/ul
RT: 15.627 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

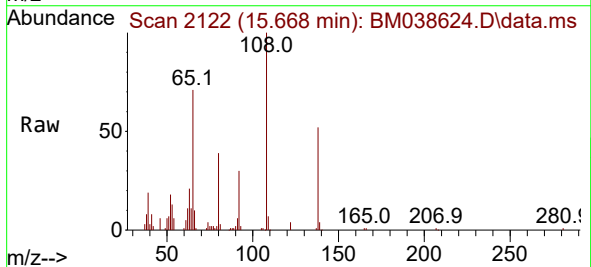
Instrument :
BNA_M
ClientSampleId :



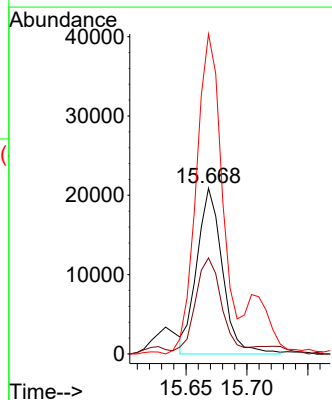
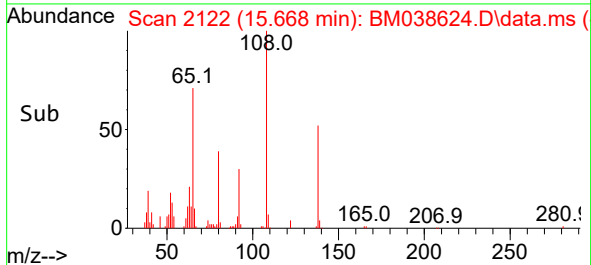
Tgt Ion:204 Resp: 190149
Ion Ratio Lower Upper
204 100
206 31.6 27.9 41.9
141 42.1 41.4 62.0

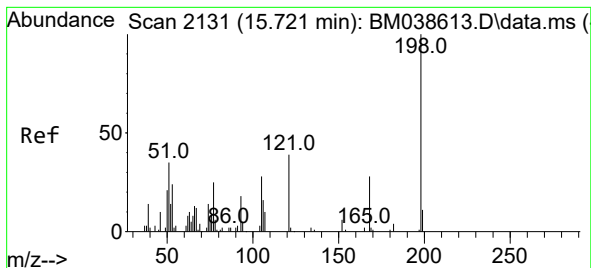


#63
4-Nitroaniline
Concen: 37.293 ng/ul
RT: 15.668 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57



Tgt Ion:138 Resp: 30492
Ion Ratio Lower Upper
138 100
92 57.9 51.9 77.9
108 193.0 156.2 234.4

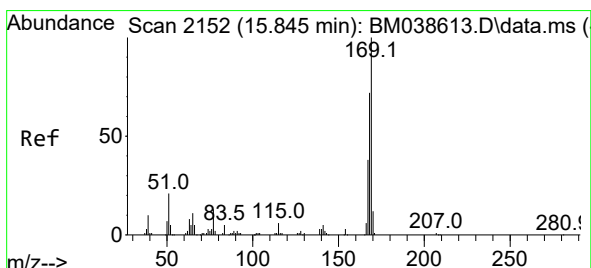
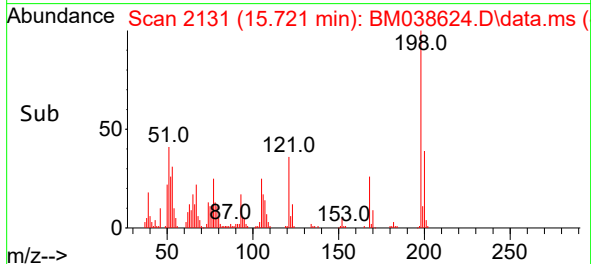
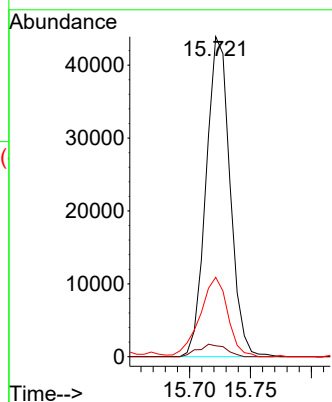
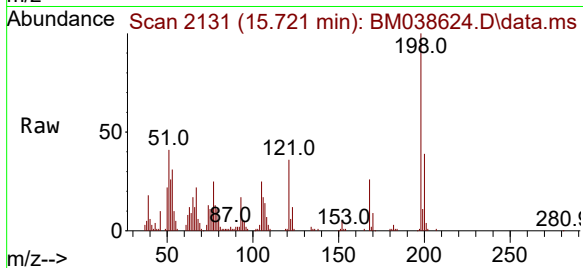




#66
4,6-Dinitro-2-methylphenol
Concen: 35.149 ng/ul
RT: 15.721 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

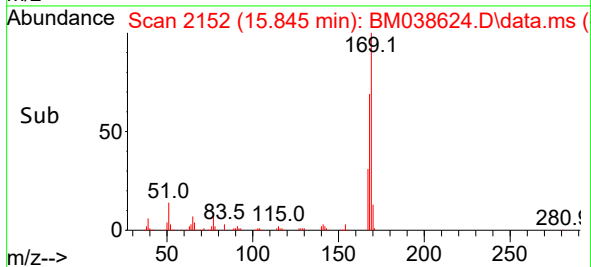
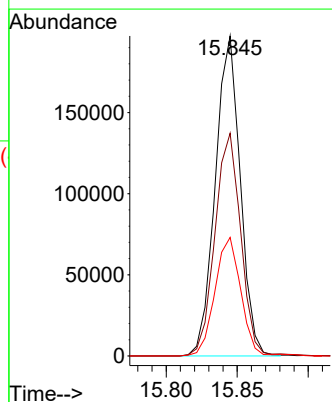
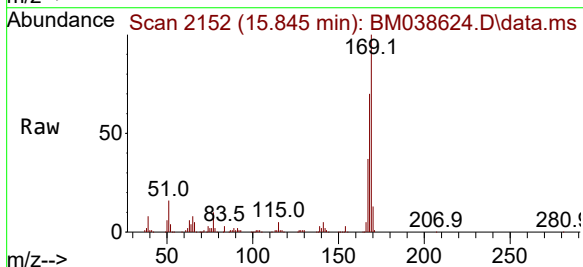
Instrument :
BNA_M
ClientSampleId :

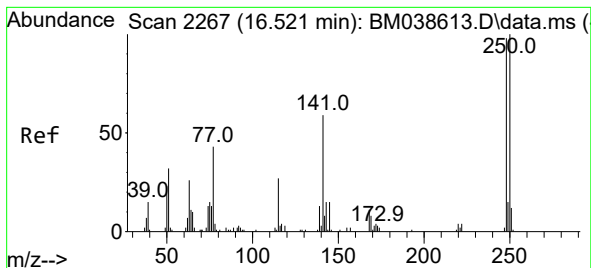
Tgt Ion:198 Resp: 60079
Ion Ratio Lower Upper
198 100
182 3.4 2.7 4.1
77 24.8 23.9 35.9



#67
N-Nitrosodiphenylamine
Concen: 40.365 ng/ul
RT: 15.845 min Scan# 2152
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

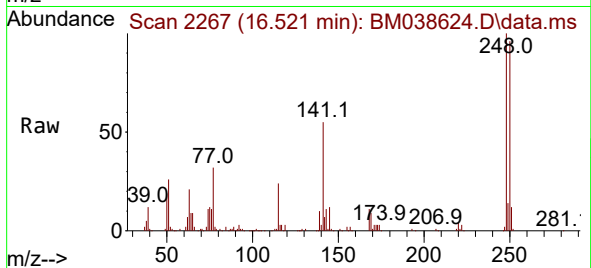
Tgt Ion:169 Resp: 240792
Ion Ratio Lower Upper
169 100
168 69.6 59.1 88.7
167 37.1 31.6 47.4



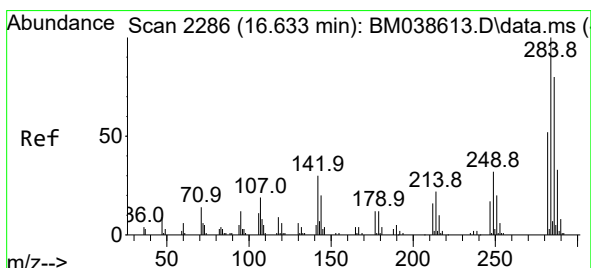
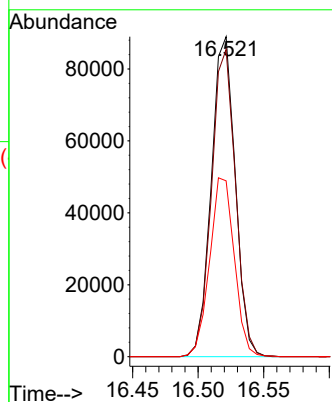
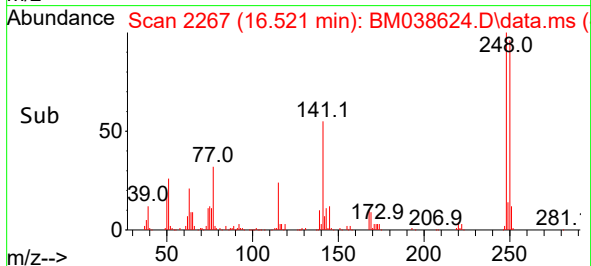


#68
4-Bromophenyl-phenylether
Concen: 37.948 ng/ul
RT: 16.521 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

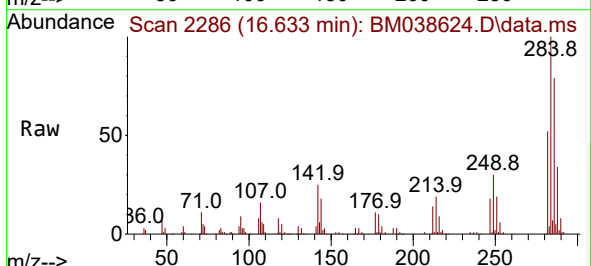
Instrument :
BNA_M
ClientSampleId :



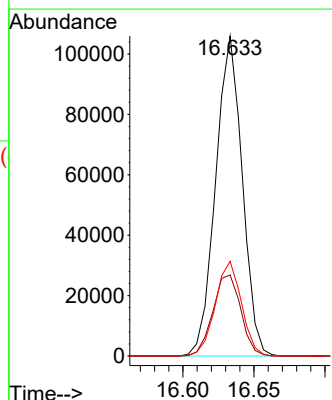
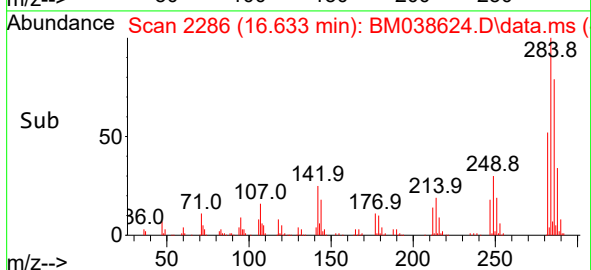
Tgt Ion:248 Resp: 113133
Ion Ratio Lower Upper
248 100
250 96.0 77.8 116.6
141 55.0 52.3 78.5

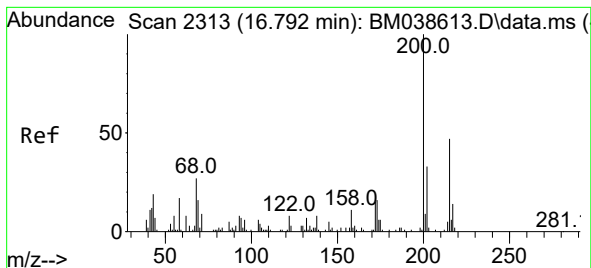


#69
Hexachlorobenzene
Concen: 39.607 ng/ul
RT: 16.633 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57



Tgt Ion:284 Resp: 137840
Ion Ratio Lower Upper
284 100
142 25.3 28.0 42.0#
249 29.6 23.9 35.9





#70

Atrazine

Concen: 36.054 ng/ul

RT: 16.792 min Scan# 2313

Delta R.T. 0.000 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Instrument :

BNA_M

ClientSampleId :

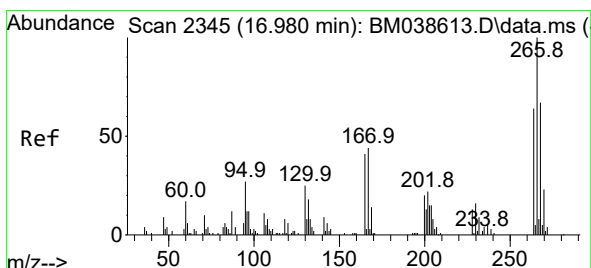
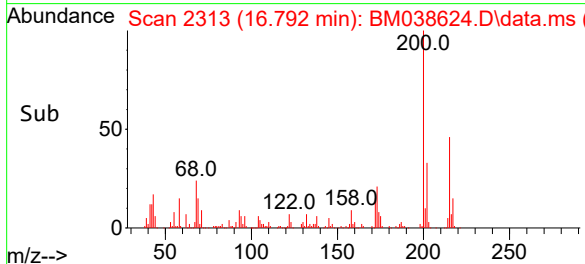
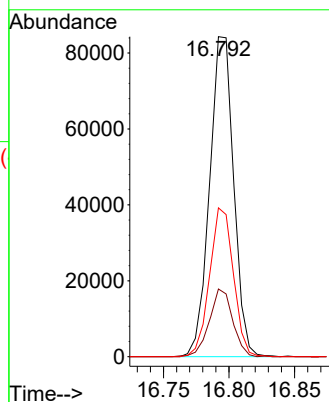
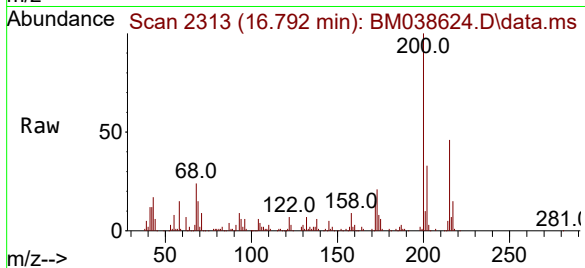
Tgt Ion:200 Resp: 107916

Ion Ratio Lower Upper

200 100

173 21.1 15.2 22.8

215 46.5 36.6 54.8



#71

Pentachlorophenol

Concen: 32.046 ng/ul

RT: 16.980 min Scan# 2345

Delta R.T. 0.000 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

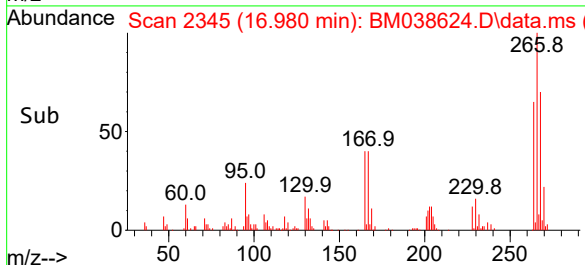
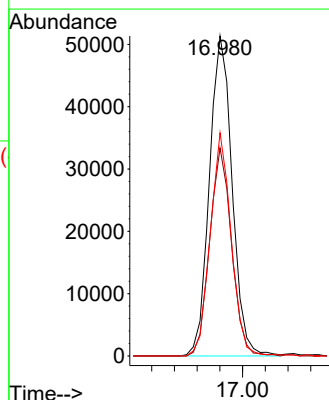
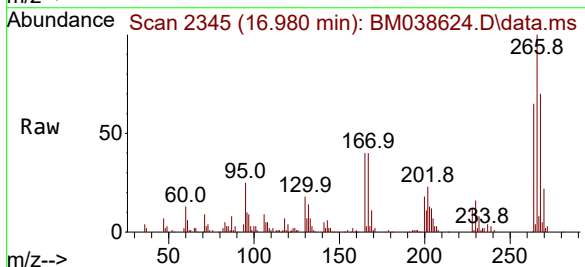
Tgt Ion:266 Resp: 71340

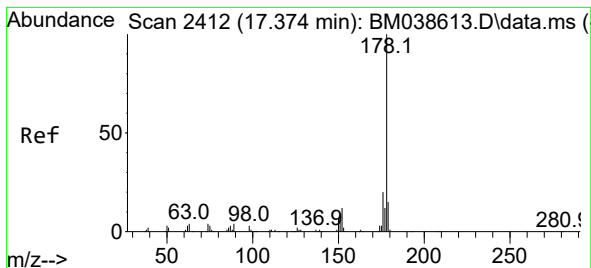
Ion Ratio Lower Upper

266 100

264 65.0 47.2 70.8

268 69.7 45.8 68.6#





#72

Phenanthrene

Concen: 40.353 ng/u1

RT: 17.374 min Scan# 2412

Delta R.T. 0.000 min

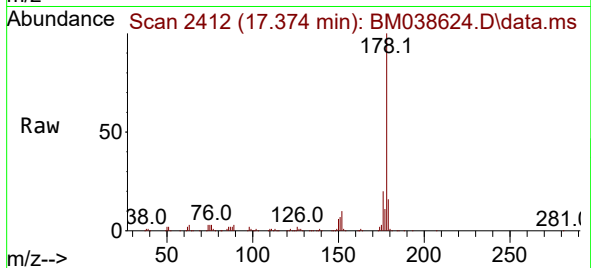
Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Instrument :

BNA_M

ClientSampleId :



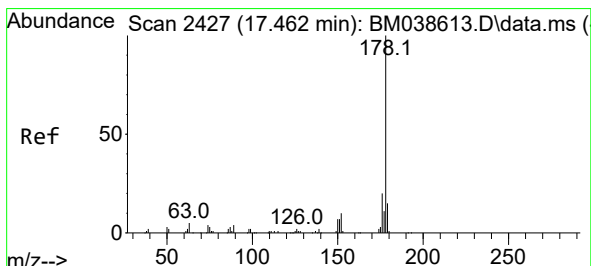
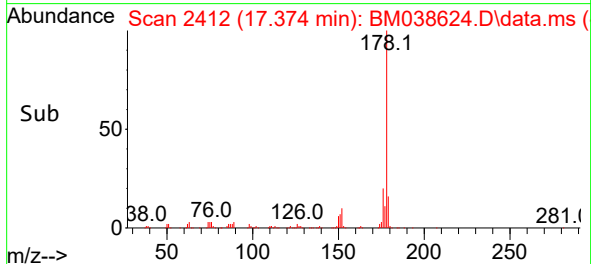
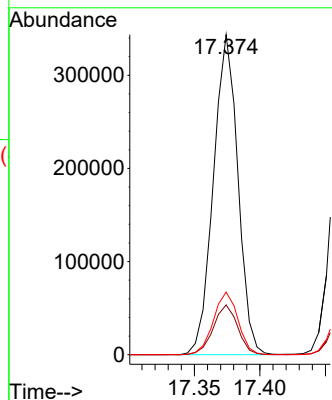
Tgt Ion:178 Resp: 446192

Ion Ratio Lower Upper

178 100

179 15.5 11.7 17.5

176 19.6 16.2 24.2



#74

Anthracene

Concen: 38.962 ng/u1

RT: 17.462 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

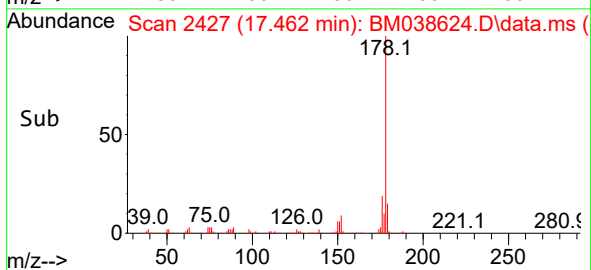
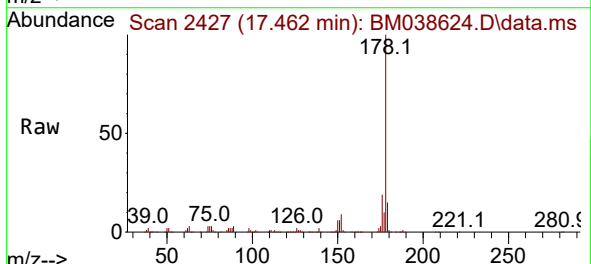
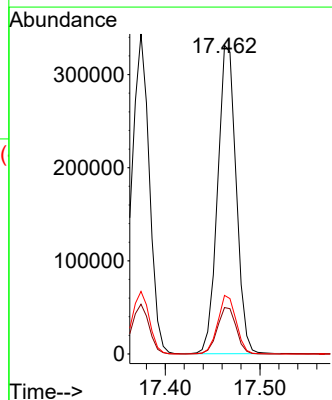
Tgt Ion:178 Resp: 451131

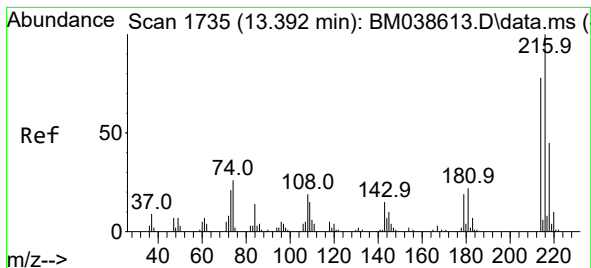
Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

176 19.0 16.3 24.5

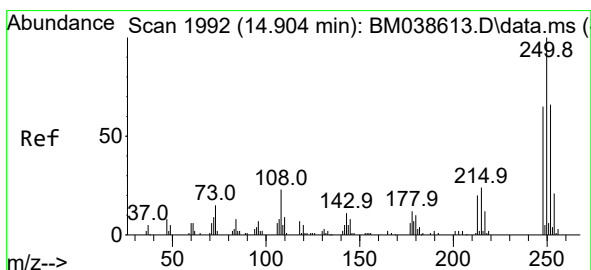
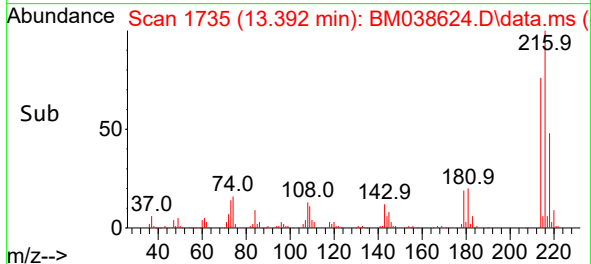
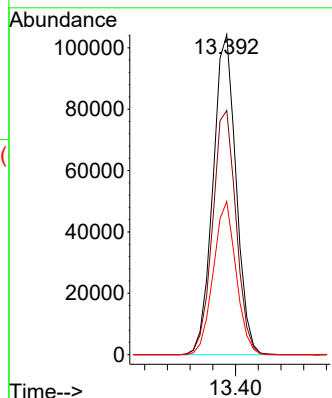
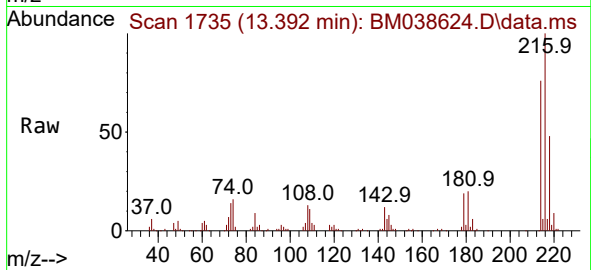




#75
1,2,3,4-Tetrachlorobenzene
Concen: 36.171 ng/uL
RT: 13.392 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

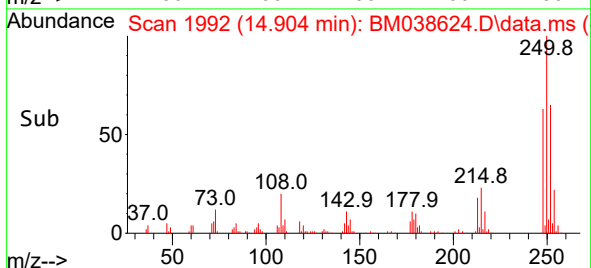
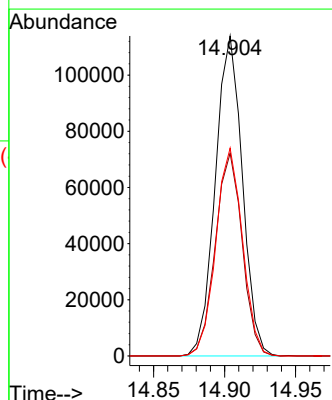
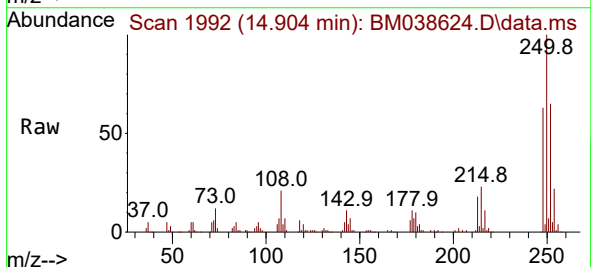
Instrument :
BNA_M
ClientSampleId :

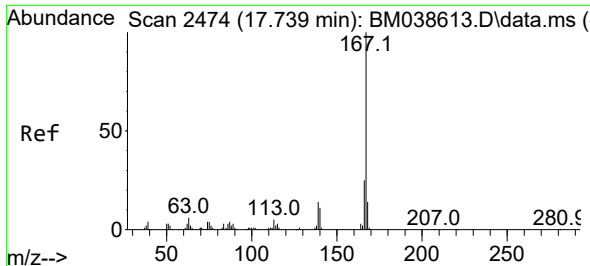
Tgt Ion:216 Resp: 147099
Ion Ratio Lower Upper
216 100
214 76.3 62.5 93.7
218 47.9 37.4 56.0



#76
Pentachlorobenzene
Concen: 35.621 ng/uL
RT: 14.904 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BM038624.D
Acq: 31 Jan 2023 17:57

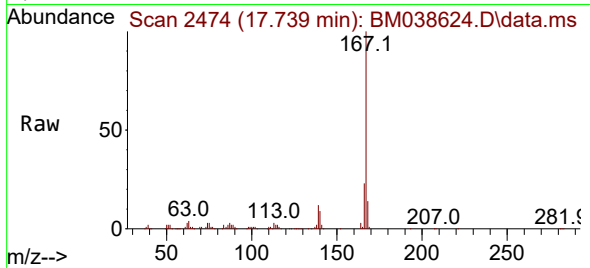
Tgt Ion:250 Resp: 150737
Ion Ratio Lower Upper
250 100
248 63.3 50.6 75.8
252 64.9 51.3 76.9





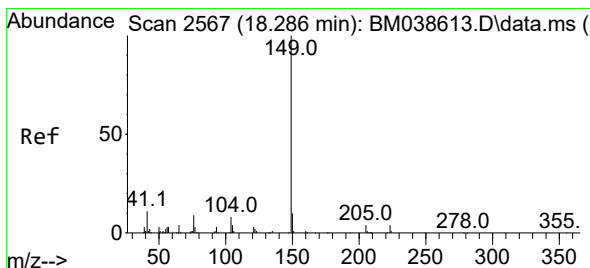
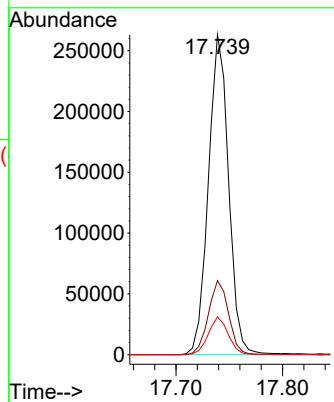
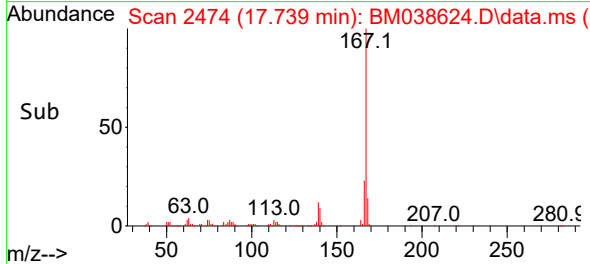
#77
 Carbazole
 Concen: 34.588 ng/ul
 RT: 17.739 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BM038624.D
 Acq: 31 Jan 2023 17:57

Instrument :
 BNA_M
 ClientSampleId :

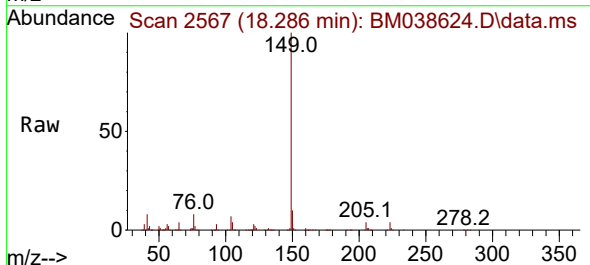


Tgt Ion:167 Resp: 347630

Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.5	29.3
139	11.8	11.3	16.9

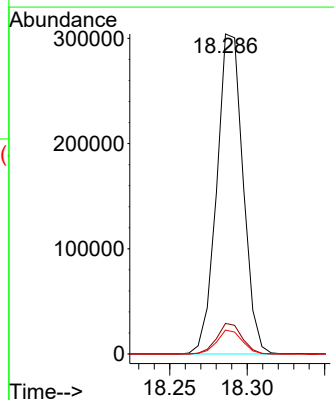
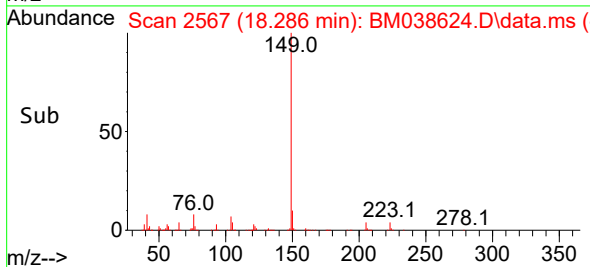


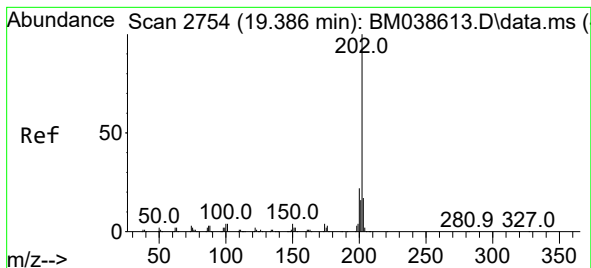
#78
 Di-n-butylphthalate
 Concen: 36.907 ng/ul
 RT: 18.286 min Scan# 2567
 Delta R.T. -0.006 min
 Lab File: BM038624.D
 Acq: 31 Jan 2023 17:57



Tgt Ion:149 Resp: 358879

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.2	10.8
104	7.5	6.2	9.4





#80

Fluoranthene

Concen: 43.945 ng/ul

RT: 19.386 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Instrument :

BNA_M

ClientSampleId :

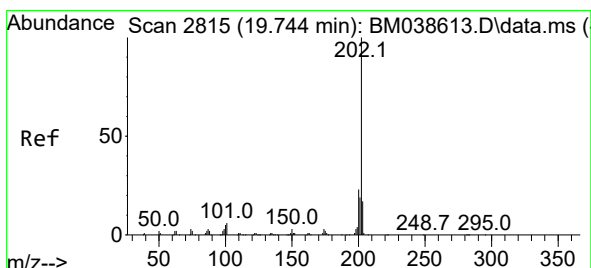
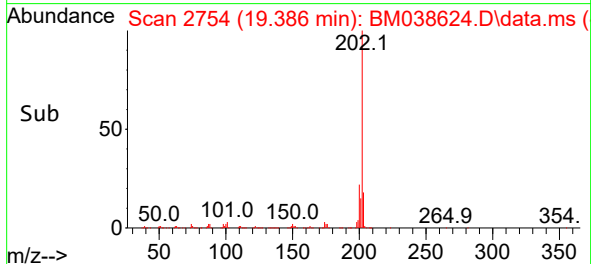
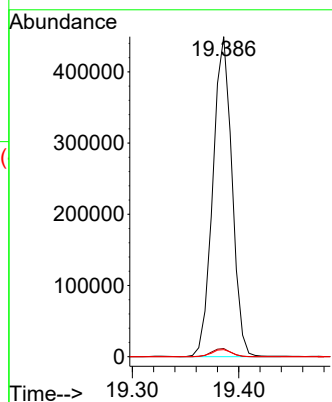
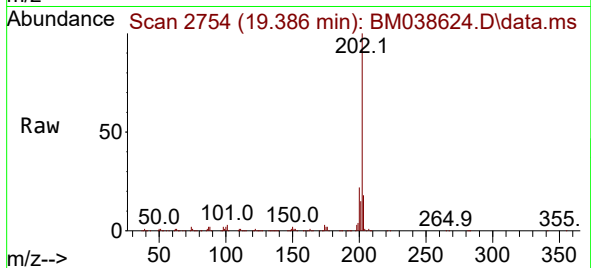
Tgt Ion:202 Resp: 559681

Ion Ratio Lower Upper

202 100

101 2.5 2.8 4.2#

100 2.2 2.4 3.6#



#82

Pyrene

Concen: 43.772 ng/ul

RT: 19.751 min Scan# 2816

Delta R.T. 0.000 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

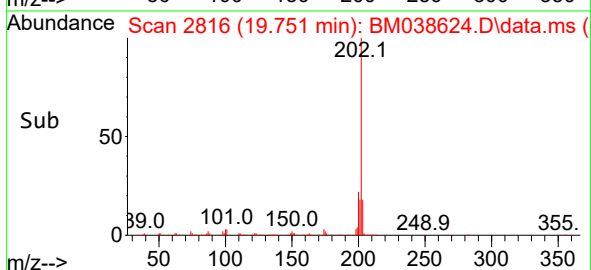
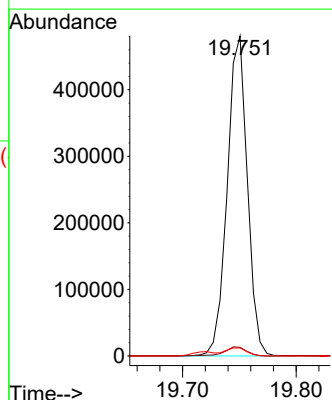
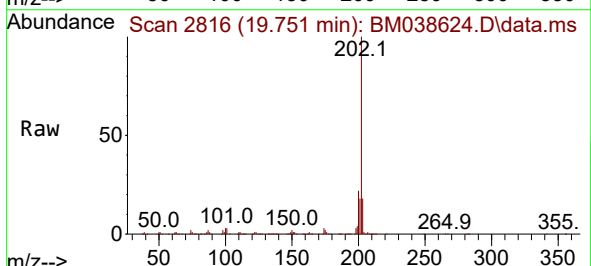
Tgt Ion:202 Resp: 591617

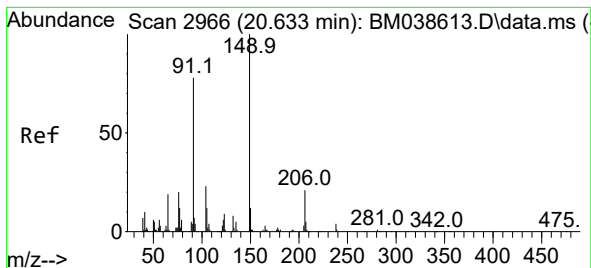
Ion Ratio Lower Upper

202 100

101 2.7 3.3 4.9#

100 2.5 2.8 4.2#





#83

Butylbenzylphthalate

Concen: 38.699 ng/ul

RT: 20.633 min Scan# 2966

Delta R.T. -0.006 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Instrument :

BNA_M

ClientSampleId :

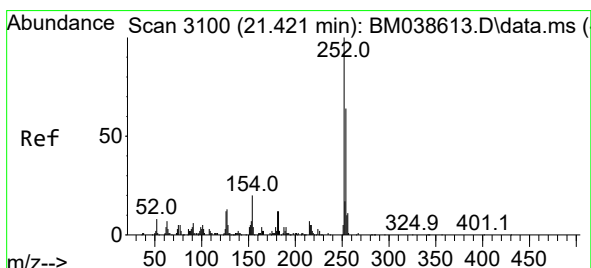
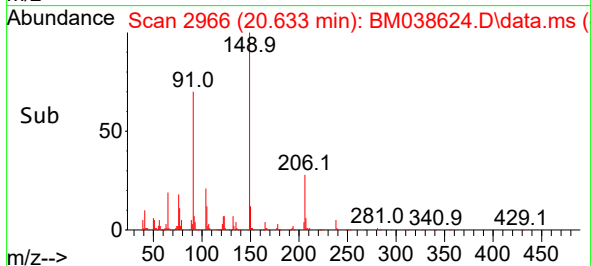
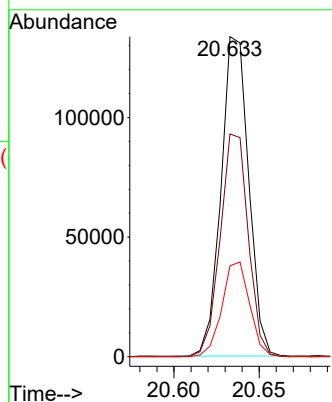
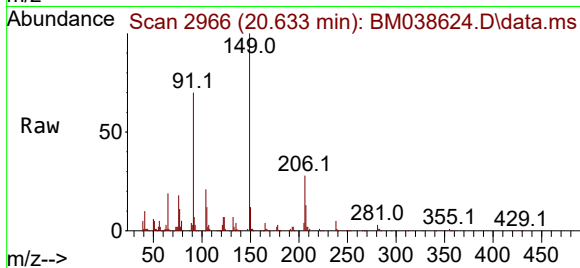
Tgt Ion:149 Resp: 150870

Ion Ratio Lower Upper

149 100

91 69.6 59.0 88.4

206 28.4 19.0 28.6



#84

3,3'-Dichlorobenzidine

Concen: 38.872 ng/ul

RT: 21.427 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

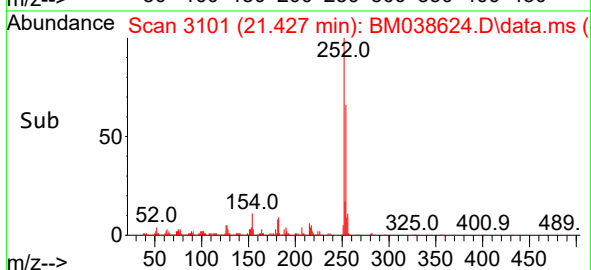
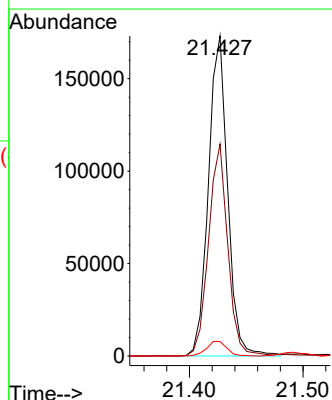
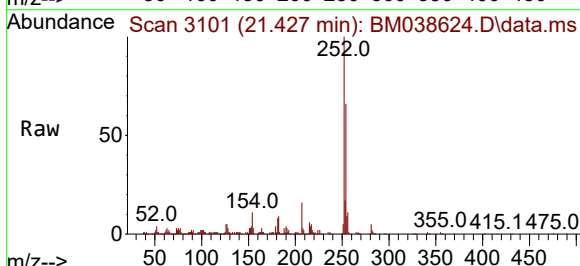
Tgt Ion:252 Resp: 203636

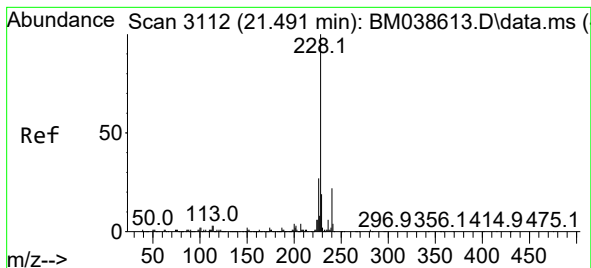
Ion Ratio Lower Upper

252 100

254 66.2 52.7 79.1

126 4.5 5.0 7.4#





#85

Benzo(a)anthracene

Concen: 39.176 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Instrument :

BNA_M

ClientSampleId :

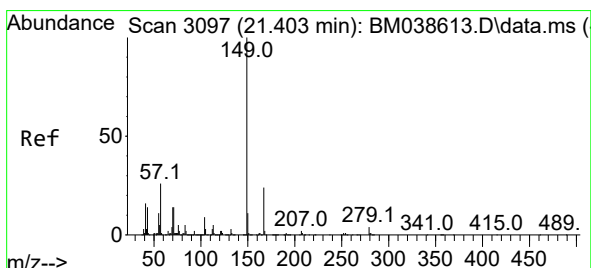
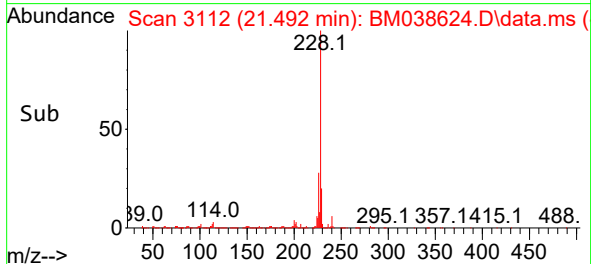
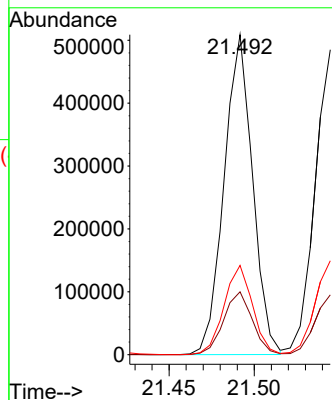
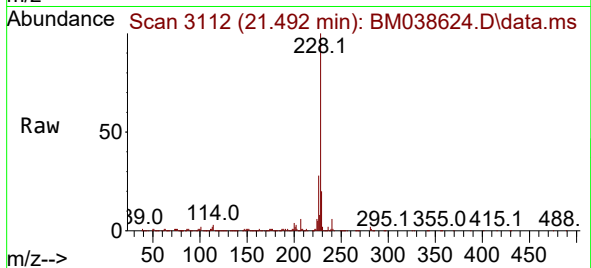
Tgt Ion:228 Resp: 591781

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.6

226 27.9 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.627 ng/ul

RT: 21.403 min Scan# 3097

Delta R.T. 0.000 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

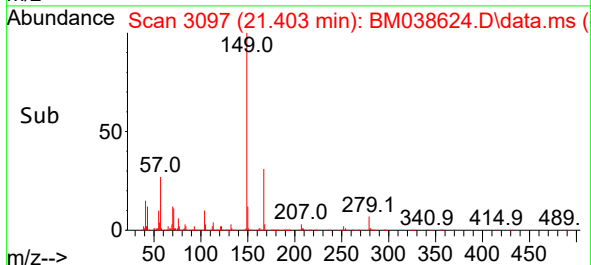
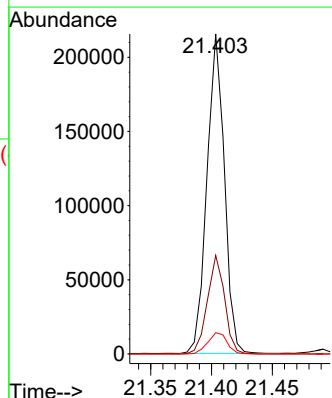
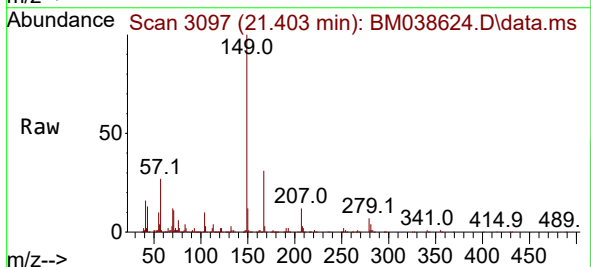
Tgt Ion:149 Resp: 214277

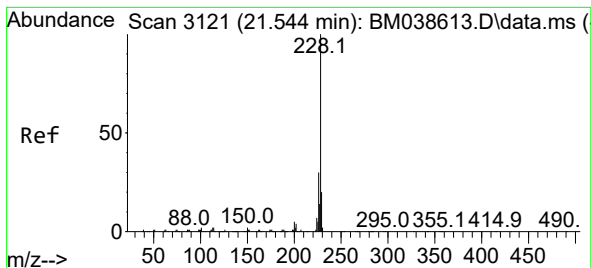
Ion Ratio Lower Upper

149 100

167 30.8 21.0 31.4

279 6.7 5.1 7.7





#87

Chrysene

Concen: 41.016 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Instrument :

BNA_M

ClientSampleId :

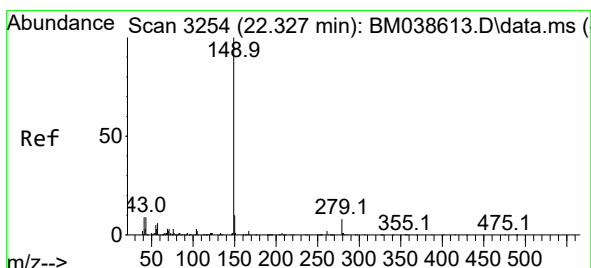
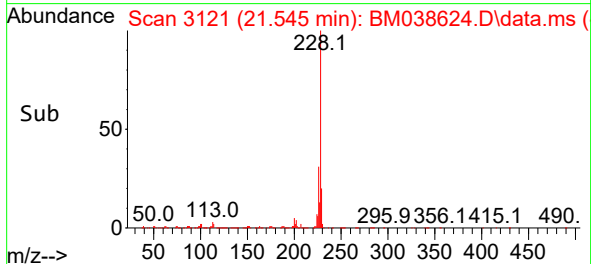
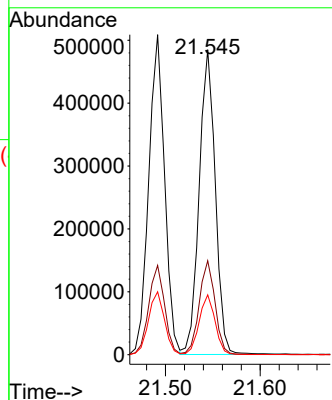
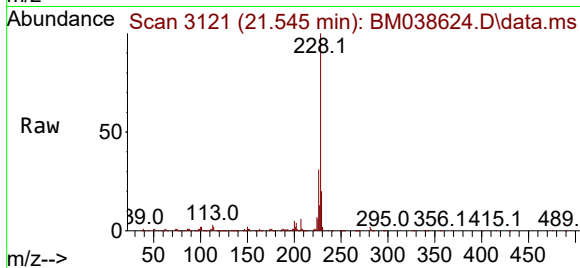
Tgt Ion:228 Resp: 573476

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 19.6 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 32.857 ng/ul

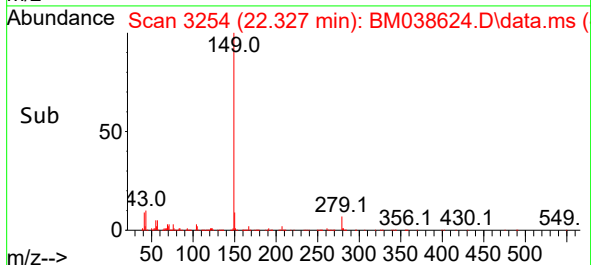
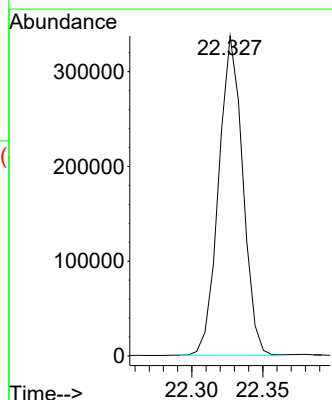
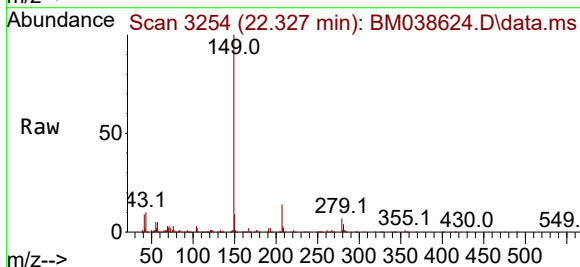
RT: 22.327 min Scan# 3254

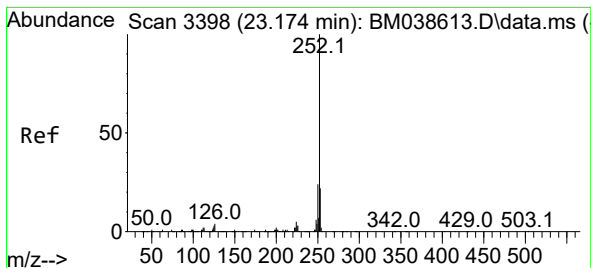
Delta R.T. -0.006 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Tgt Ion:149 Resp: 397240





#90

Benzo(b)fluoranthene

Concen: 42.181 ng/ul

RT: 23.180 min Scan# 3399

Delta R.T. 0.000 min

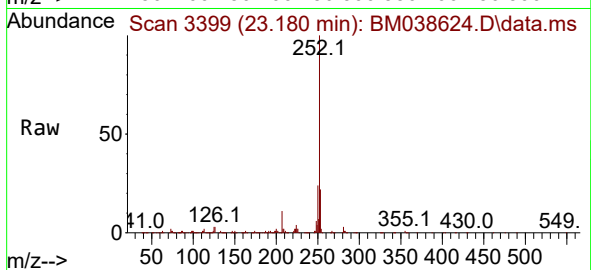
Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Instrument :

BNA_M

ClientSampleId :



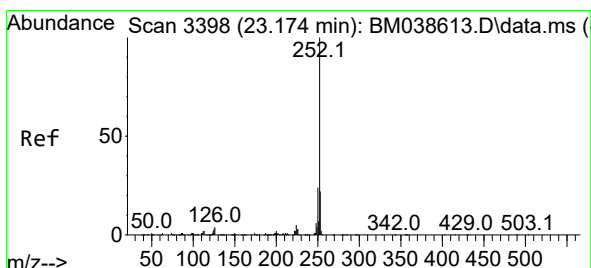
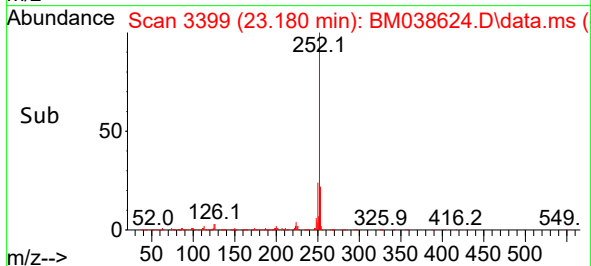
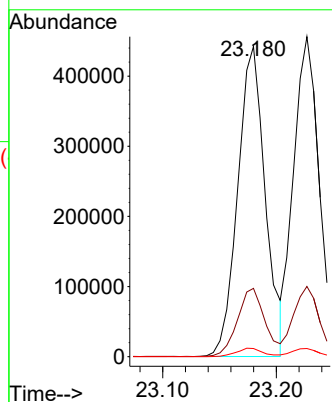
Tgt Ion:252 Resp: 744459

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 2.7 2.6 3.8



#91

Benzo(k)fluoranthene

Concen: 42.318 ng/ul

RT: 23.180 min Scan# 3399

Delta R.T. -0.047 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

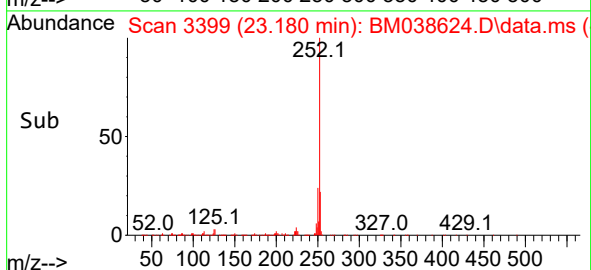
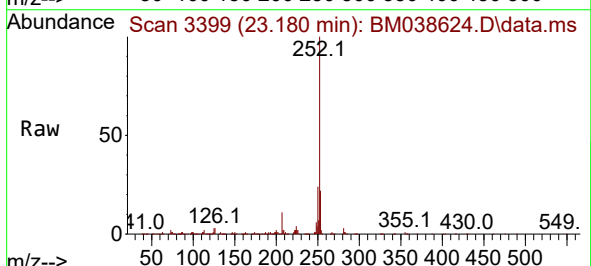
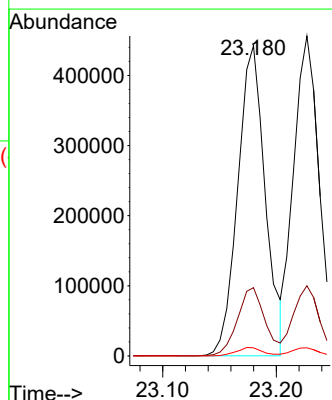
Tgt Ion:252 Resp: 744459

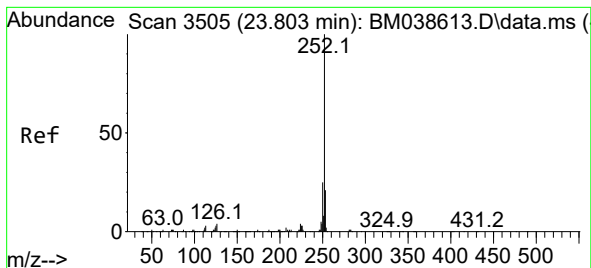
Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 2.7 2.6 4.0





#93

Benzo(a)pyrene

Concen: 40.764 ng/ul

RT: 23.809 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Instrument :

BNA_M

ClientSampleId :

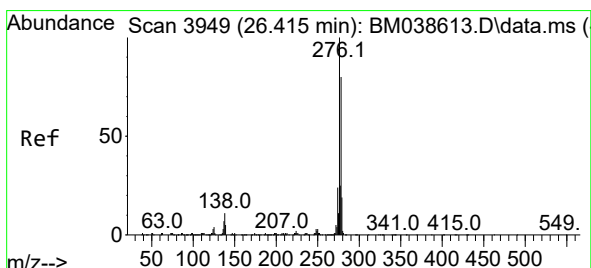
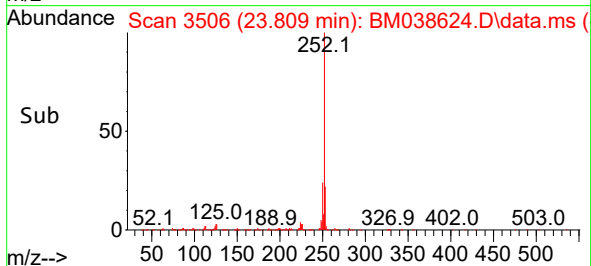
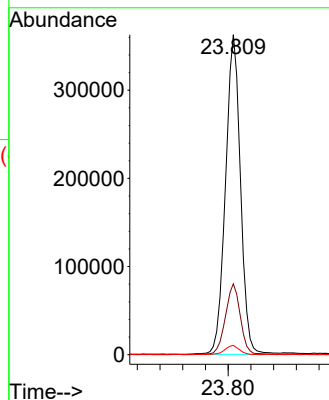
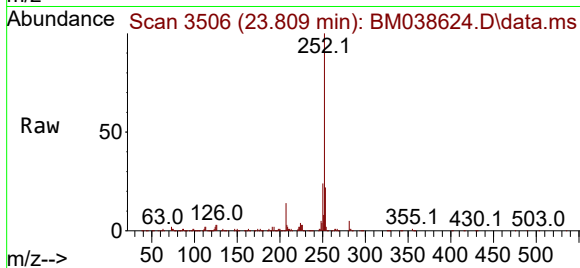
Tgt Ion:252 Resp: 666245

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 2.9 2.8 4.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 39.921 ng/ul

RT: 26.427 min Scan# 3951

Delta R.T. 0.006 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

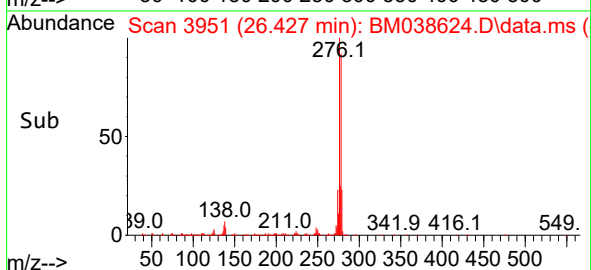
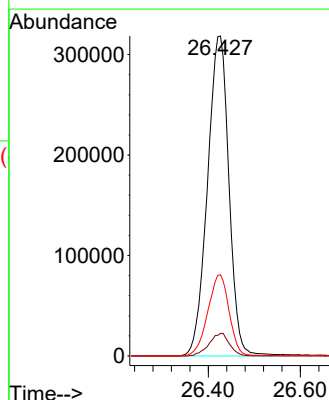
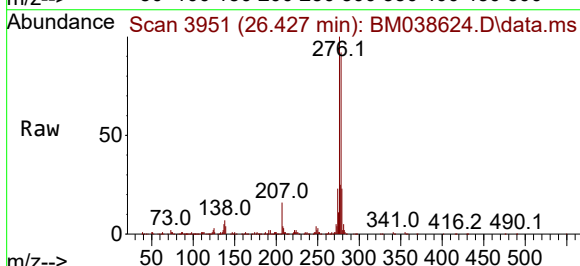
Tgt Ion:276 Resp: 1031343

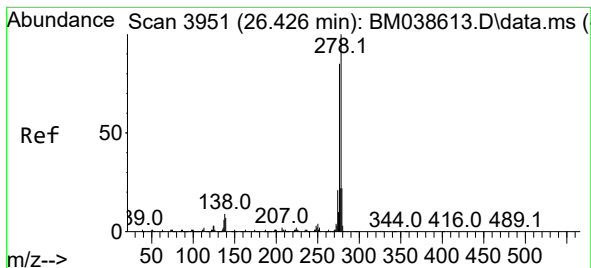
Ion Ratio Lower Upper

276 100

138 7.1 6.1 9.1

277 25.3 20.5 30.7





#95

Dibenzo(a,h)anthracene

Concen: 40.165 ng/ul

RT: 26.433 min Scan# 3951

Delta R.T. 0.000 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Instrument :

BNA_M

ClientSampleId :

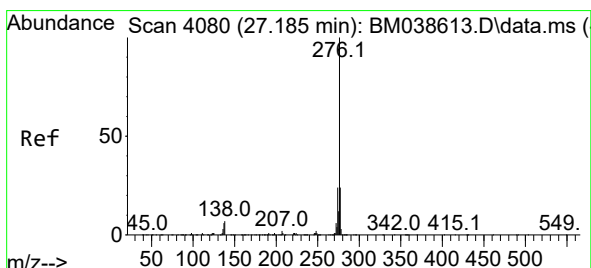
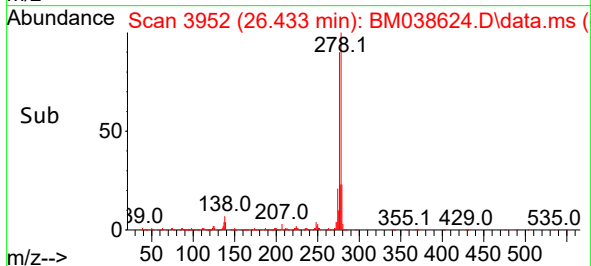
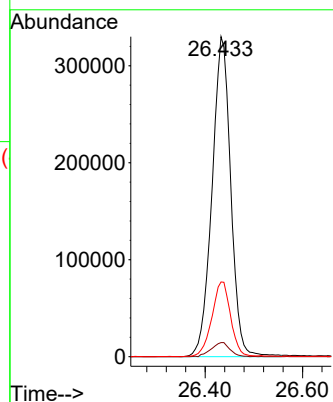
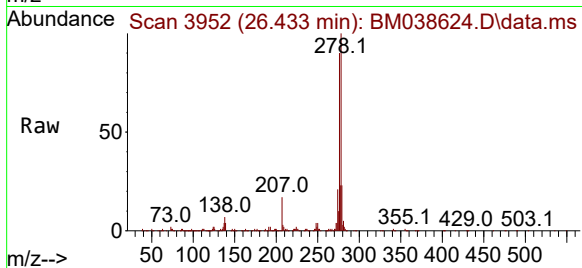
Tgt Ion:278 Resp: 880677

Ion Ratio Lower Upper

278 100

139 4.4 4.3 6.5

279 23.4 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 39.674 ng/ul

RT: 27.197 min Scan# 4082

Delta R.T. 0.000 min

Lab File: BM038624.D

Acq: 31 Jan 2023 17:57

Tgt Ion:276 Resp: 831933

Ion Ratio Lower Upper

276 100

138 6.1 6.0 9.0

277 24.2 19.2 28.8

