

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
 Data File : BM038617.D
 Acq On : 31 Jan 2023 13:36
 Operator : CG/JU
 Sample : 01311-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 00:02:52 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	32765	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	223205	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.586	164	142604	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	250048	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.509	240	239840	20.000	ng/ul	# 0.00
88) Perylene-d12	23.909	264	325343	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	9007	9.802	ng/uL	0.00
4) Pyridine-d5	3.769	84	28681	12.464	ng/ul	0.00
7) Phenol-d5	7.116	99	9271	4.239	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	27770	21.753	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	30322	16.718	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	63588	36.439	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	66439	39.269	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	75699	33.880	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	105116	21.257	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	143549	29.872	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	394996	33.531	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	456083	36.383	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	17562	10.777	ng/ul	0.00
60) Fluorene-d10	15.580	176	314305	29.836	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	56166	26.241	ng/ul	0.00
73) Anthracene-d10	17.433	188	467080	37.110	ng/ul	0.00
81) Pyrene-d10	19.721	212	385013	31.154	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	680032	40.722	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	9447	9.541	ng/uL	95
5) Pyridine	3.787	79	29034	12.286	ng/ul	97
6) Benzaldehyde	7.093	77	34783	34.492	ng/ul	94
8) Phenol	7.146	94	9511	4.343	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.381	93	32974	21.076	ng/ul	91
12) 2-Chlorophenol	7.516	128	29888	16.422	ng/ul	96
13) 2-Methylphenol	8.404	108	75665	45.479	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.481	45	103015	63.730	ng/ul#	93
16) Acetophenone	8.787	105	215534	69.912	ng/ul#	85
17) N-Nitroso-di-n-propyla...	8.769	70	109253	77.112	ng/ul	86
18) 4-Methylphenol	8.734	108	70215	39.761	ng/ul	92
19) Hexachloroethane	9.028	117	58497	63.721	ng/ul#	43
22) Nitrobenzene	9.169	77	178016	34.958	ng/ul	94
23) Isophorone	9.692	82	294188	38.179	ng/ul#	95
25) 2-Nitrophenol	9.881	139	77202	34.859	ng/ul#	80
26) 2,4-Dimethylphenol	9.939	107	104841	21.794	ng/ul	87
27) Bis(2-Chloroethoxy)met...	10.175	93	173211	44.085	ng/ul	98
29) 2,4-Dichlorophenol	10.416	162	113389	24.126	ng/ul	92
30) Naphthalene	10.816	128	422542	38.154	ng/ul	99
32) 4-Chloroaniline	10.934	127	146661	30.415	ng/ul	99
33) Hexachlorobutadiene	11.086	225	57157	11.702	ng/ul	94
35) 4-Chloro-3-methylphenol	12.051	107	32016	8.624	ng/ul	94
36) 2-Methylnaphthalene	12.422	142	89641	10.883	ng/ul	98
37) 1-Methylnaphthalene	12.639	142	98404	11.573	ng/ul	100

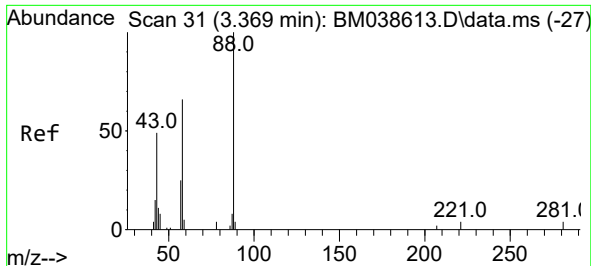
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.786	216	76079	10.838	ng/ul#	94
40) Hexachlorocyclopentadiene	12.757	237	48762	9.735	ng/ul	93
41) 2,4,6-Trichlorophenol	13.028	196	48940	11.451	ng/ul	88
42) 2,4,5-Trichlorophenol	13.098	196	48244	10.570	ng/ul	91
43) 1,1'-Biphenyl	13.427	154	387004	35.294	ng/ul#	98
44) 2-Chloronaphthalene	13.469	162	301497	33.098	ng/ul	98
45) 2-Nitroaniline	13.686	65	107360	44.064	ng/ul#	76
47) Dimethylphthalate	14.051	163	405820	35.011	ng/ul#	98
48) 2,6-Dinitrotoluene	14.180	165	84299	39.268	ng/ul	94
50) Acenaphthylene	14.316	152	501283	39.989	ng/ul	97
51) 3-Nitroaniline	14.510	138	84031	54.381	ng/ul	96
52) Acenaphthene	14.651	153	353060	37.838	ng/ul	99
53) 2,4-Dinitrophenol	14.716	184	45642	26.448	ng/ul#	85
55) 4-Nitrophenol	14.816	109	17822	6.519	ng/ul#	43
56) Dibenzofuran	14.986	168	445947	32.134	ng/ul	99
57) 2,4-Dinitrotoluene	14.963	165	124811	39.445	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.216	232	62595	15.664	ng/ul#	53
59) Diethylphthalate	15.404	149	443445	40.808	ng/ul	94
61) Fluorene	15.633	166	379821	32.498	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.627	204	145080	17.641	ng/ul#	75
63) 4-Nitroaniline	15.669	138	82911	65.081	ng/ul#	53
66) 4,6-Dinitro-2-methylph...	15.721	198	55235	27.344	ng/ul#	73
67) N-Nitrosodiphenylamine	15.845	169	329646	46.760	ng/ul	99
68) 4-Bromophenyl-phenylether	16.521	248	86164	24.456	ng/ul#	77
69) Hexachlorobenzene	16.633	284	114699	27.888	ng/ul#	85
70) Atrazine	16.792	200	104690	29.596	ng/ul#	88
71) Pentachlorophenol	16.980	266	54472	20.705	ng/ul	92
72) Phenanthrene	17.374	178	575752	44.060	ng/ul	99
74) Anthracene	17.463	178	598962	43.772	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	91644	19.068	ng/uL	99
76) Pentachlorobenzene	14.904	250	105603	21.117	ng/uL	100
77) Carbazole	17.739	167	608639	51.243	ng/ul	98
78) Di-n-butylphthalate	18.292	149	294148	25.597	ng/ul	100
80) Fluoranthene	19.386	202	457252	31.921	ng/ul#	93
82) Pyrene	19.751	202	491889	32.358	ng/ul#	88
83) Butylbenzylphthalate	20.633	149	366358	83.552	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.427	252	228070	38.708	ng/ul#	96
85) Benzo(a)anthracene	21.492	228	656228	38.625	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.403	149	510607	81.839	ng/ul#	95
87) Chrysene	21.545	228	620997	39.489	ng/ul	100
89) Di-n-octyl phthalate	22.327	149	940925	68.289	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	831238	41.326	ng/ul#	97
91) Benzo(k)fluoranthene	23.227	252	799796	39.891	ng/ul#	96
93) Benzo(a)pyrene	23.809	252	747980	40.156	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.421	276	1037682	35.243	ng/ul	99
95) Dibenzo(a,h)anthracene	26.438	278	878899	35.171	ng/ul	99
96) Benzo(g,h,i)perylene	27.197	276	808368	33.826	ng/ul	100

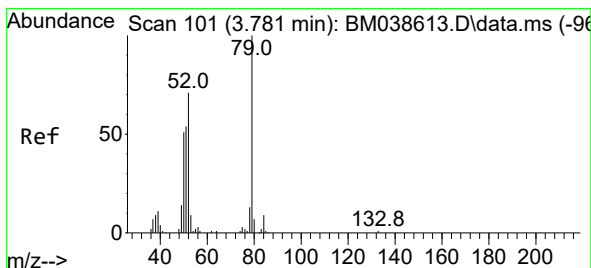
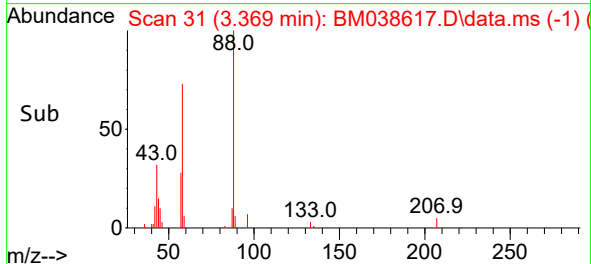
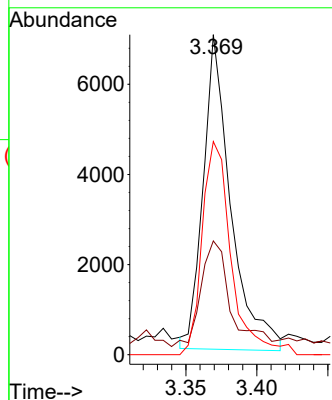
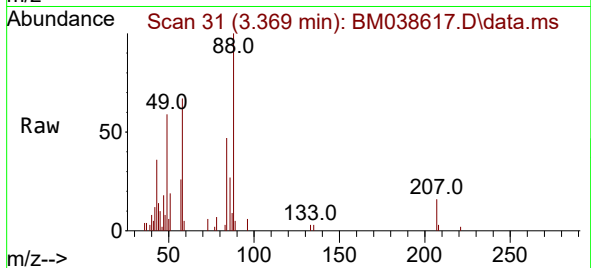
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#2
1,4-Dioxane
Concen: 9.541 ng/uL
RT: 3.369 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038617.D
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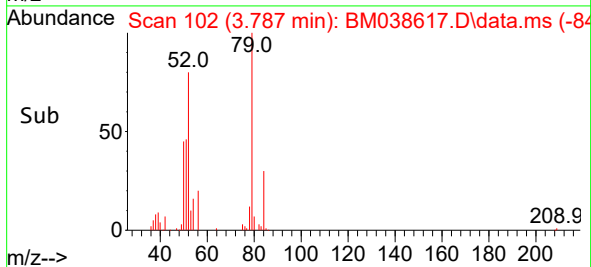
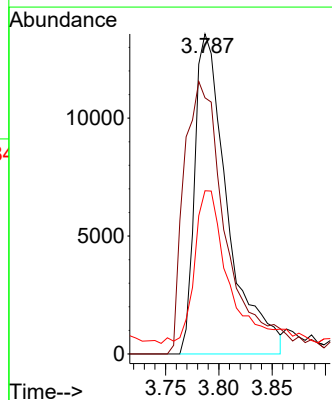
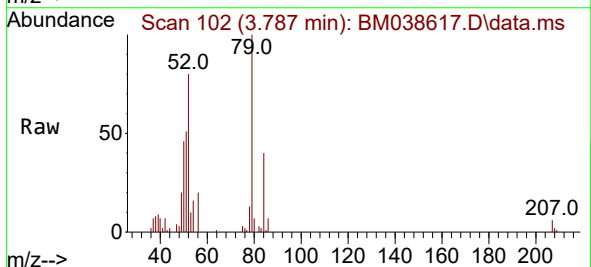
Instrument :
BNA_M
ClientSampleId :

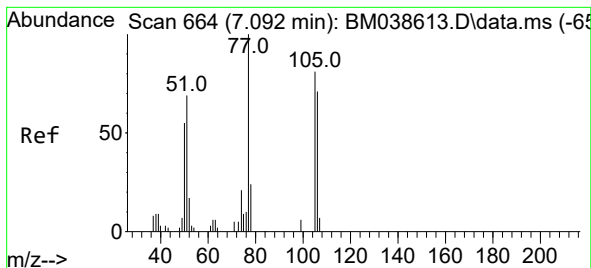
Tgt Ion: 88 Resp: 9447
Ion Ratio Lower Upper
88 100
43 35.6 33.8 50.8
58 66.6 52.1 78.1



#5
Pyridine
Concen: 12.286 ng/uL
RT: 3.787 min Scan# 102
Delta R.T. 0.006 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion: 79 Resp: 29034
Ion Ratio Lower Upper
79 100
52 80.0 67.4 101.0
51 51.0 40.7 61.1





#6

Benzaldehyde

Concen: 34.492 ng/ul

RT: 7.093 min Scan# 6

Delta R.T. -0.006 min

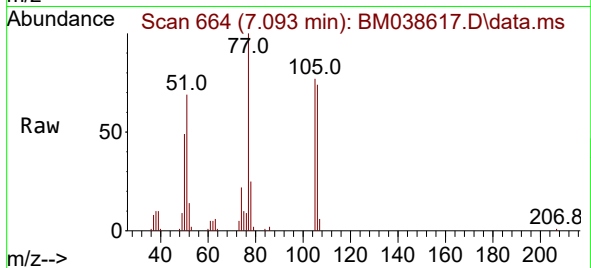
Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

Instrument :

BNA_M

ClientSampleId :



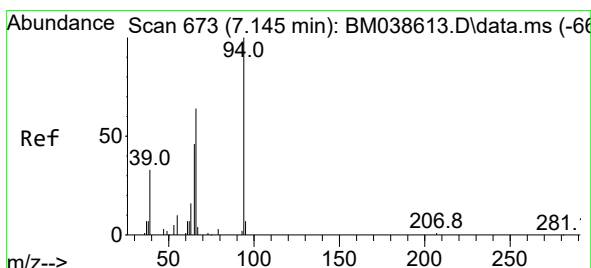
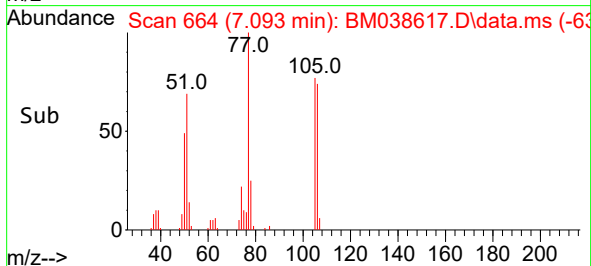
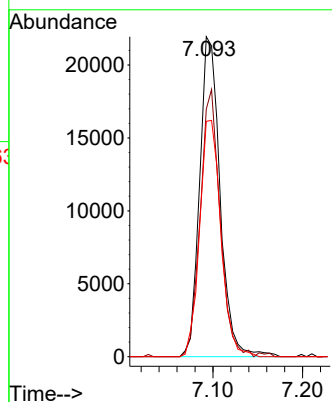
Tgt Ion: 77 Resp: 34783

Ion Ratio Lower Upper

77 100

105 77.4 68.3 102.5

106 73.6 57.7 86.5



#8

Phenol

Concen: 4.343 ng/ul

RT: 7.146 min Scan# 673

Delta R.T. 0.000 min

Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

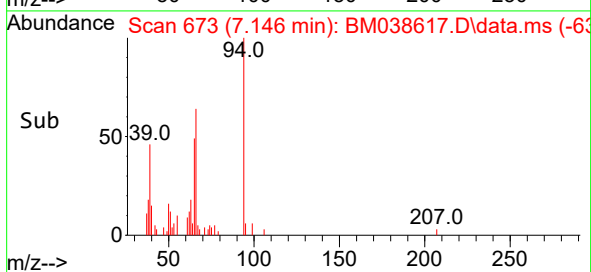
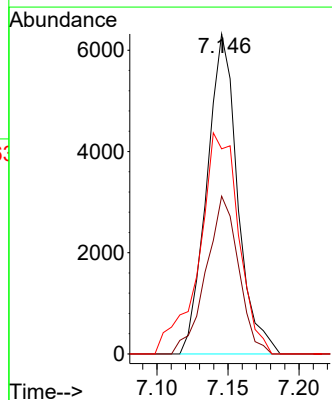
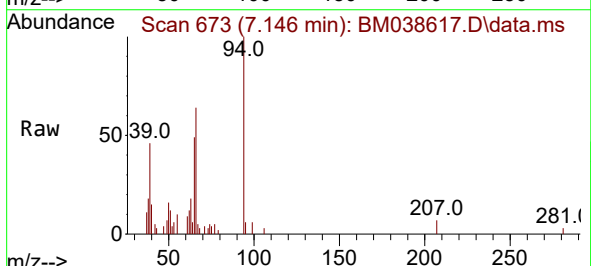
Tgt Ion: 94 Resp: 9511

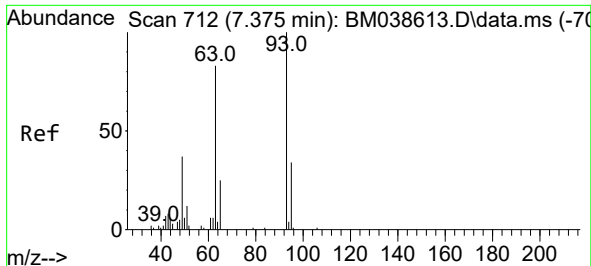
Ion Ratio Lower Upper

94 100

65 49.3 38.2 57.2

66 64.1 57.9 86.9

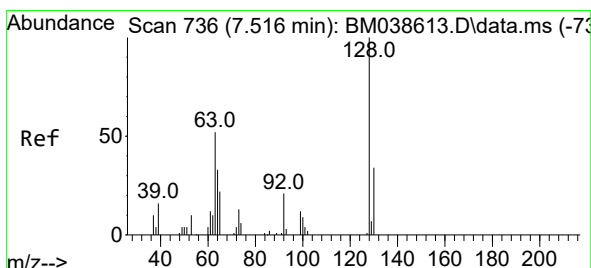
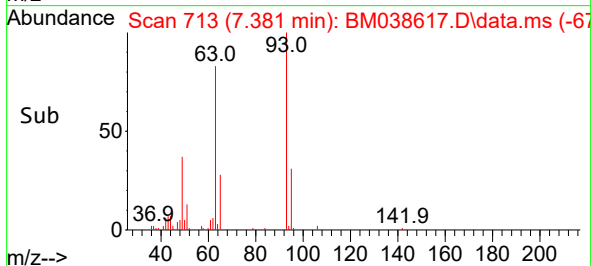
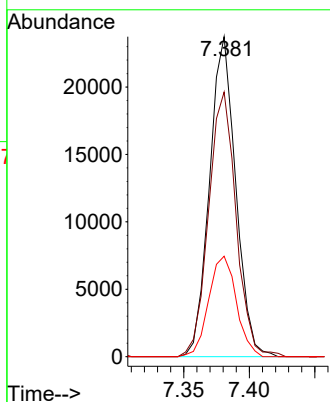
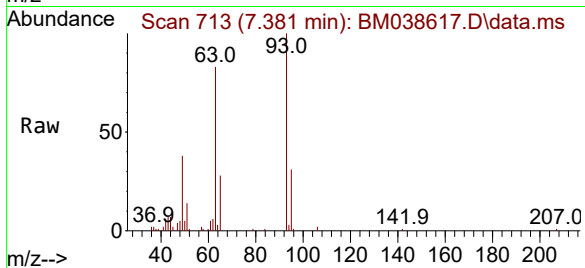




#10
Bis(2-Chloroethyl)ether
Concen: 21.076 ng/ul
RT: 7.381 min Scan# 712
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

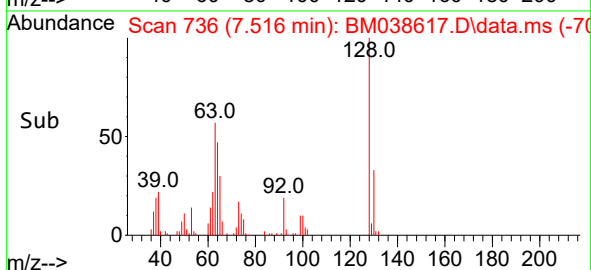
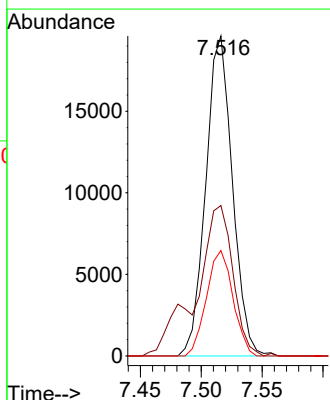
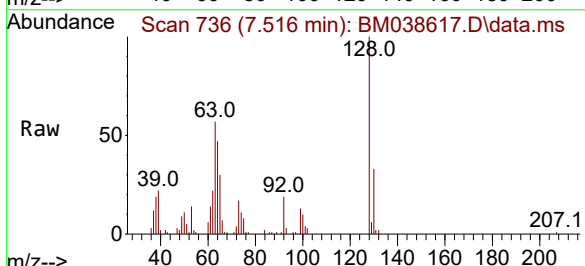
Instrument :
BNA_M
ClientSampleId :

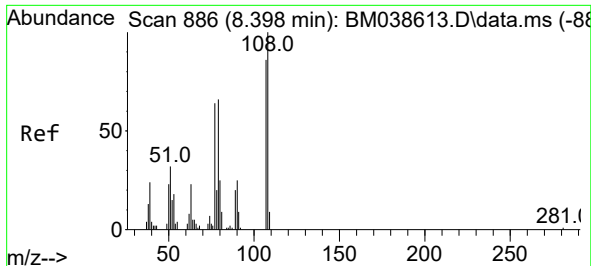
Tgt Ion: 93 Resp: 32974
Ion Ratio Lower Upper
93 100
63 82.7 73.9 110.9
95 31.4 28.0 42.0



#12
2-Chlorophenol
Concen: 16.422 ng/ul
RT: 7.516 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion: 128 Resp: 29888
Ion Ratio Lower Upper
128 100
64 47.0 40.0 60.0
130 32.9 24.4 36.6

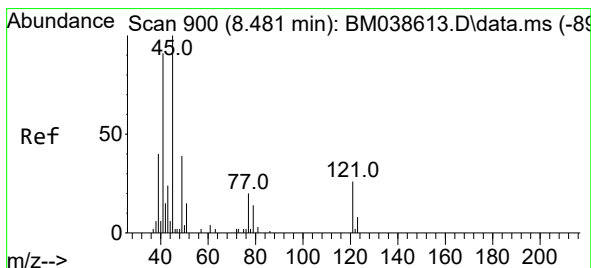
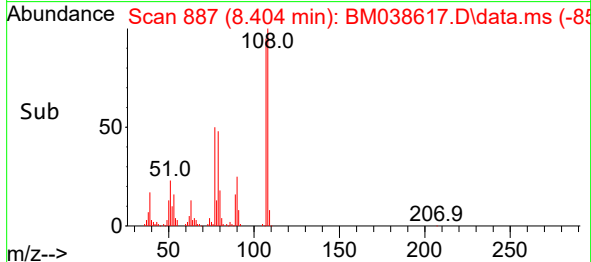
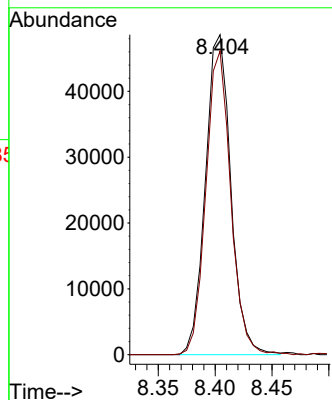
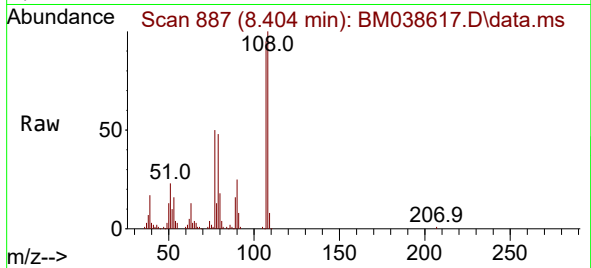




#13
2-Methylphenol
Concen: 45.479 ng/ul
RT: 8.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

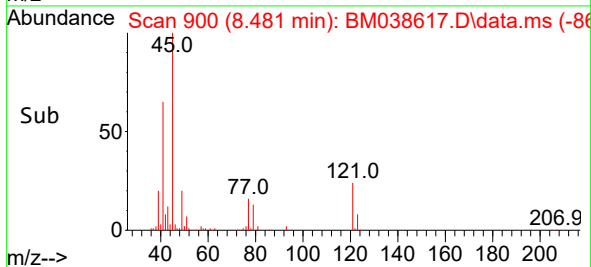
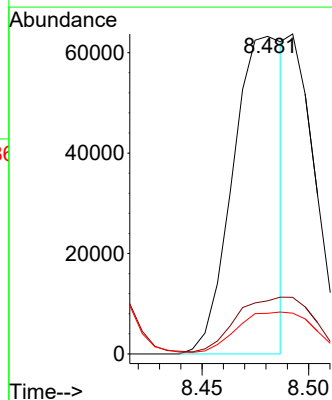
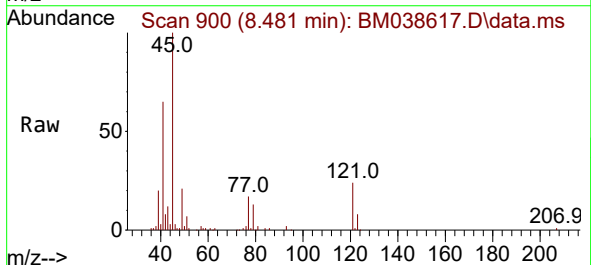
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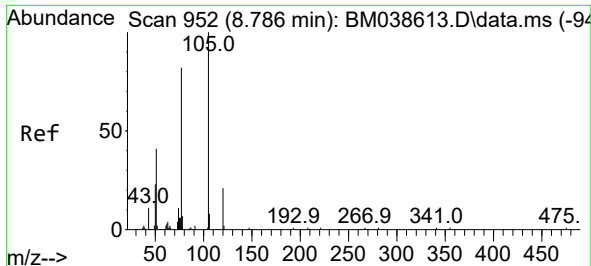
Tgt Ion:108 Resp: 75665
Ion Ratio Lower Upper
108 100
107 94.8 66.6 100.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 63.730 ng/ul
RT: 8.481 min Scan# 900
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion: 45 Resp: 103015
Ion Ratio Lower Upper
45 100
77 16.7 16.9 25.3#
79 12.8 11.8 17.6

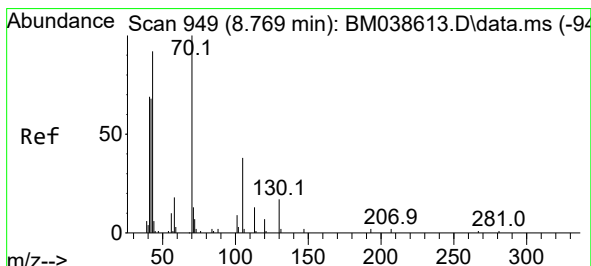
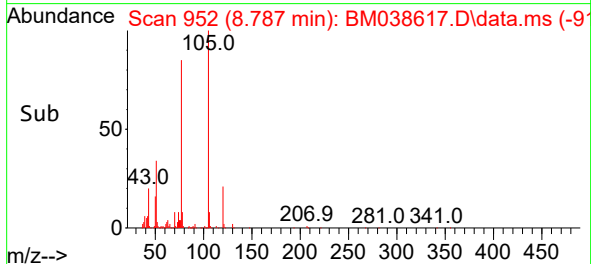
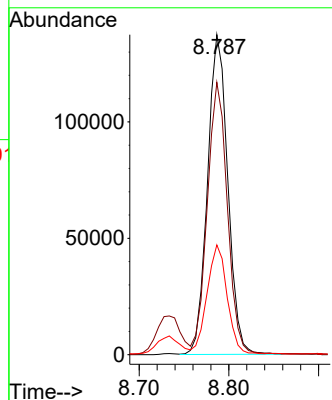
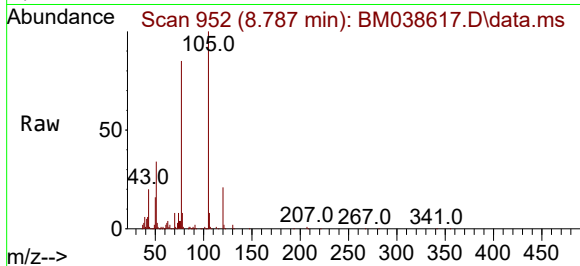




#16
Acetophenone
Concen: 69.912 ng/ul
RT: 8.787 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

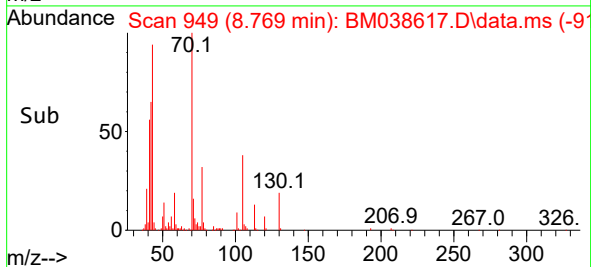
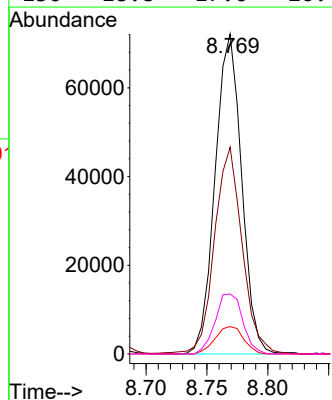
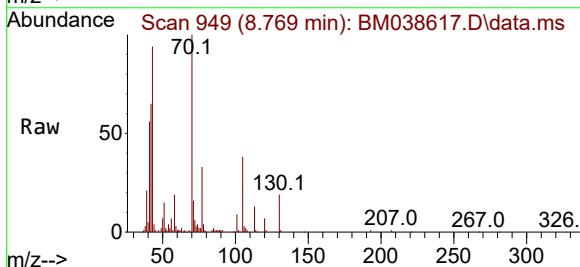
Instrument :
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ClientSampleId :

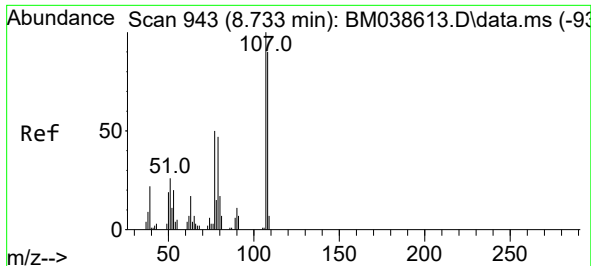
Tgt Ion:105 Resp: 215534
Ion Ratio Lower Upper
105 100
77 85.1 78.6 117.8
51 34.3 37.2 55.8#



#17
N-Nitroso-di-n-propylamine
Concen: 77.112 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion: 70 Resp: 109253
Ion Ratio Lower Upper
70 100
42 64.6 63.6 95.4
101 8.6 6.3 9.5
130 18.8 17.6 26.4

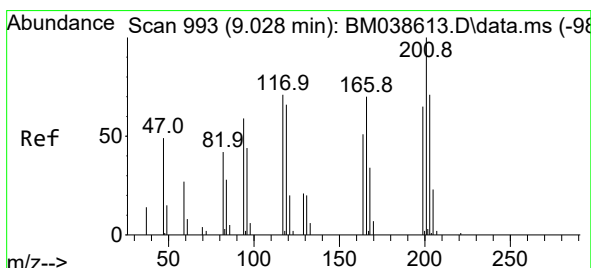
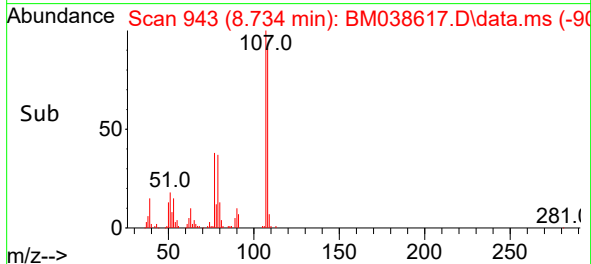
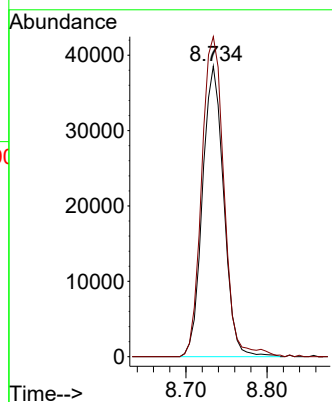
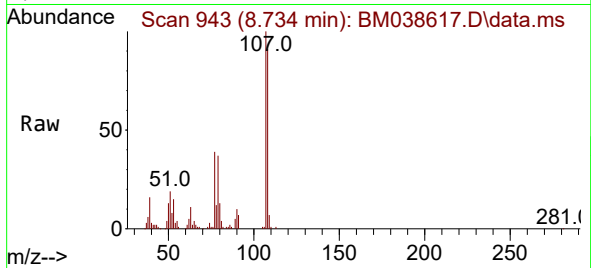




#18
4-Methylphenol
Concen: 39.761 ng/ul
RT: 8.734 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

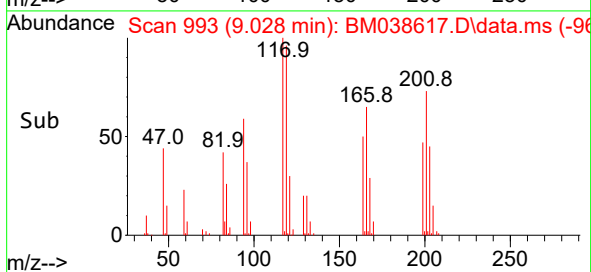
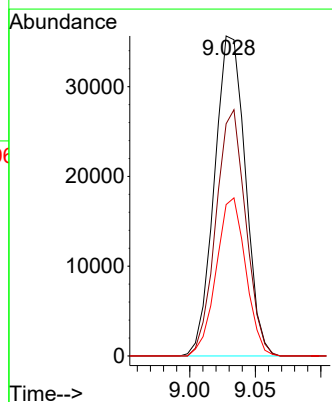
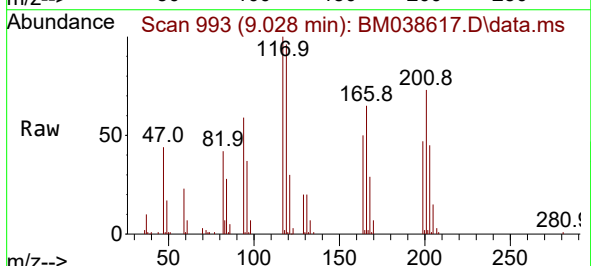
Instrument :
BNA_M
ClientSampleId :

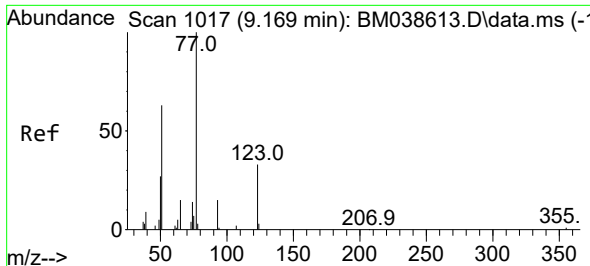
Tgt Ion:108 Resp: 70215
Ion Ratio Lower Upper
108 100
107 110.1 95.1 142.7



#19
Hexachloroethane
Concen: 63.721 ng/ul
RT: 9.028 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion:117 Resp: 58497
Ion Ratio Lower Upper
117 100
201 74.5 124.4 186.6#
199 47.3 76.3 114.5#

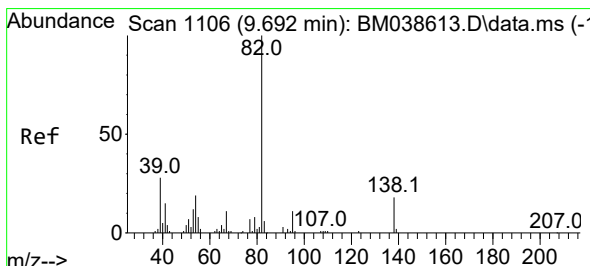
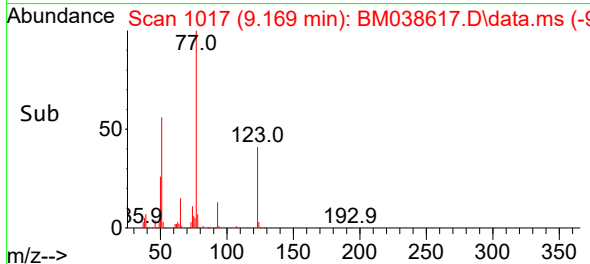
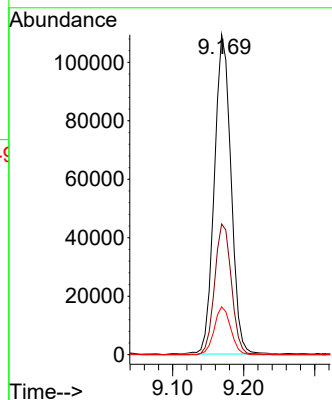
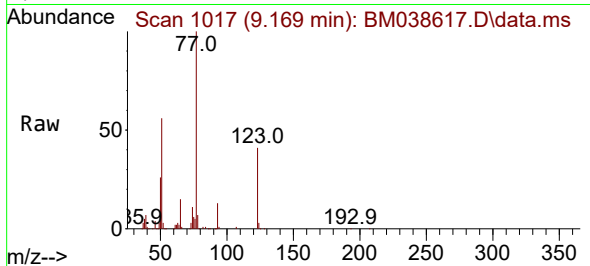




#22
Nitrobenzene
Concen: 34.958 ng/ul
RT: 9.169 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

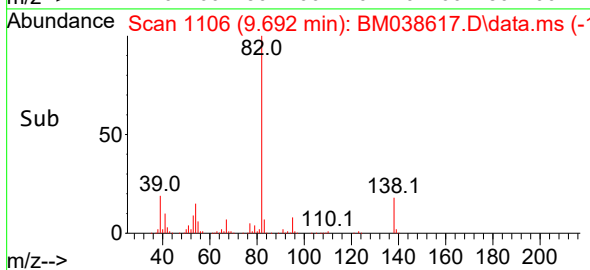
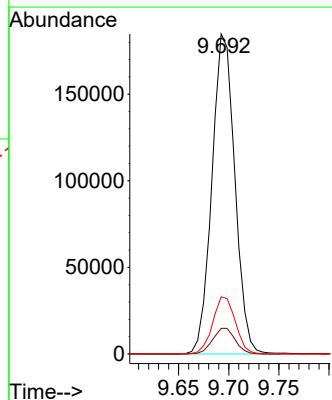
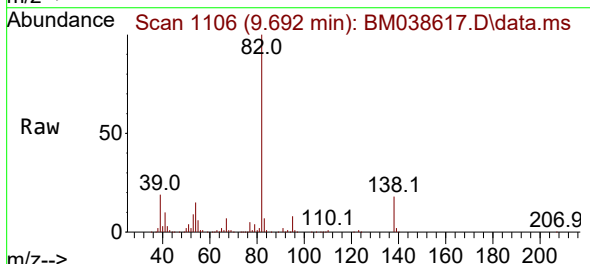
Instrument :
BNA_M
ClientSampleId :

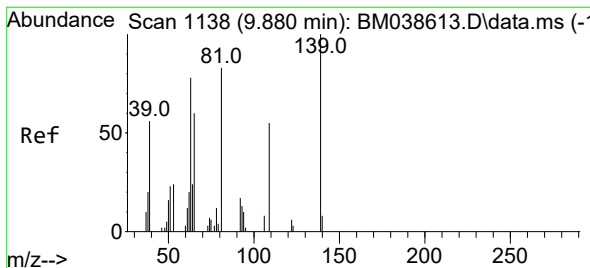
Tgt Ion: 77 Resp: 178016
Ion Ratio Lower Upper
77 100
123 40.9 29.5 44.3
65 15.0 13.6 20.4



#23
Isophorone
Concen: 38.179 ng/ul
RT: 9.692 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion: 82 Resp: 294188
Ion Ratio Lower Upper
82 100
95 8.0 9.3 13.9#
138 17.8 13.4 20.0

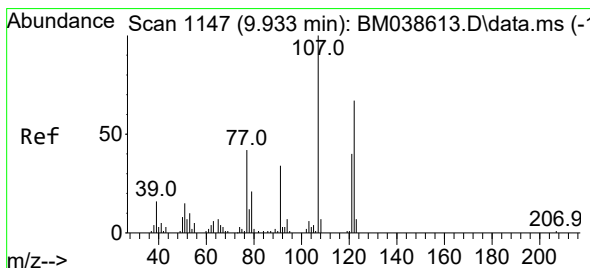
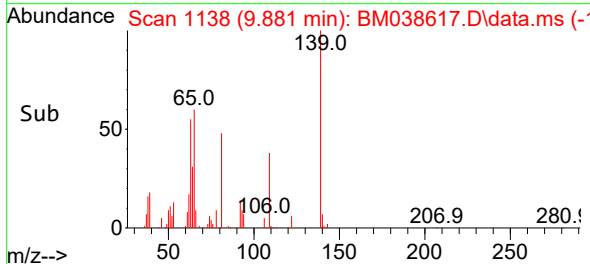
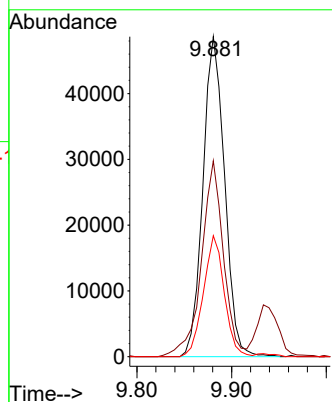
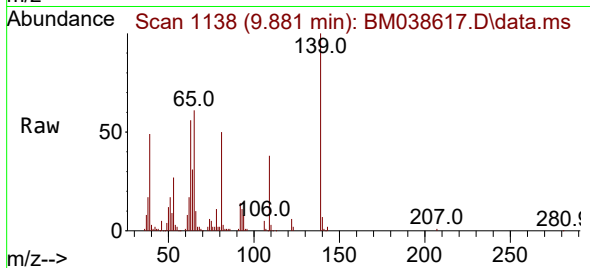




#25
2-Nitrophenol
Concen: 34.859 ng/ul
RT: 9.881 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

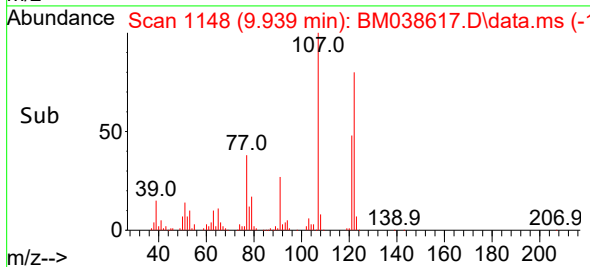
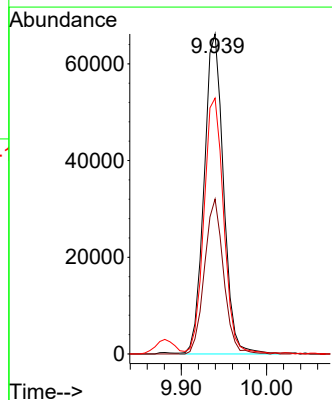
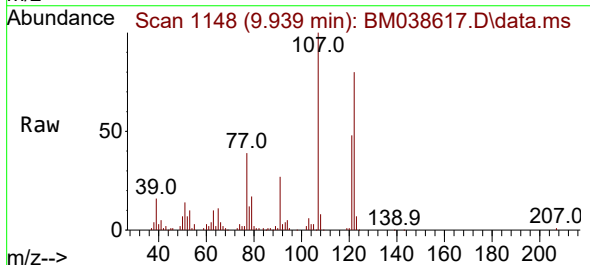
Instrument :
BNA_M
ClientSampleId :

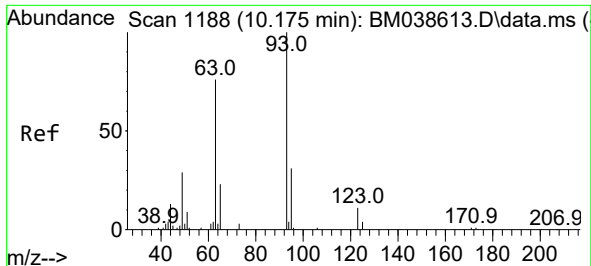
Tgt Ion:139 Resp: 77202
Ion Ratio Lower Upper
139 100
65 61.2 58.6 87.8
109 37.8 46.8 70.2#



#26
2,4-Dimethylphenol
Concen: 21.794 ng/ul
RT: 9.939 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion:107 Resp: 104841
Ion Ratio Lower Upper
107 100
121 48.4 32.6 48.8
122 79.9 54.8 82.2

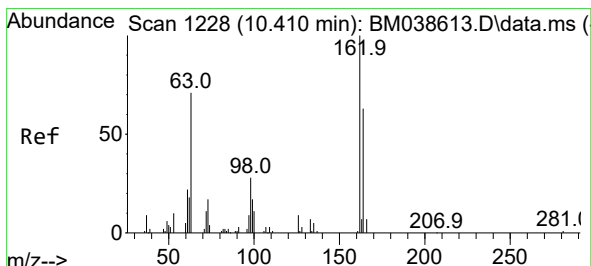
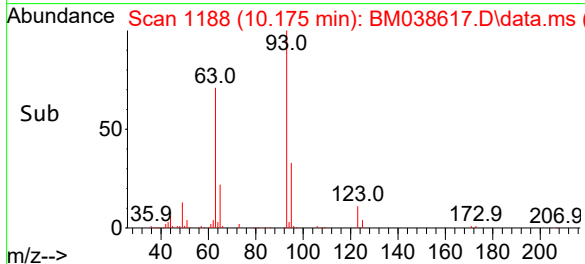
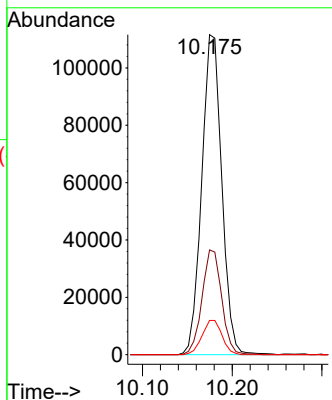
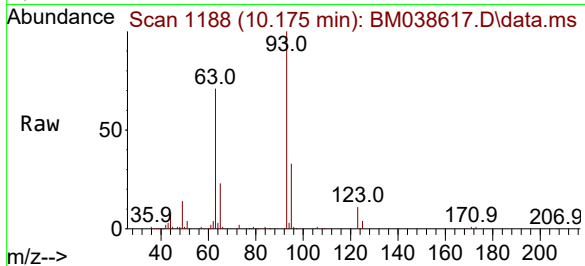




#27
 Bis(2-Chloroethoxy)methane
 Concen: 44.085 ng/ul
 RT: 10.175 min Scan# 1188
 Delta R.T. -0.006 min
 Lab File: BM038617.D
 Acq: 31 Jan 2023 13:36

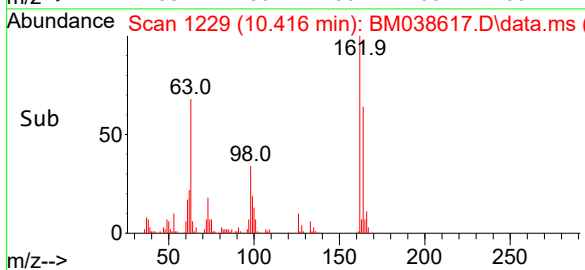
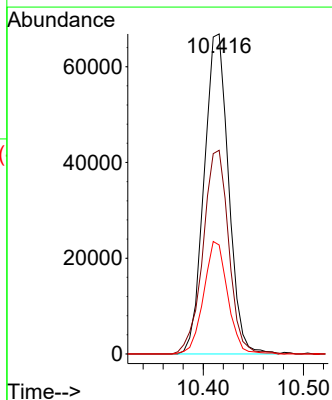
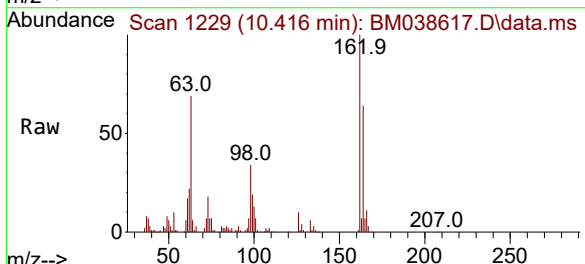
Instrument :
 BNA_M
 ClientSampleId :

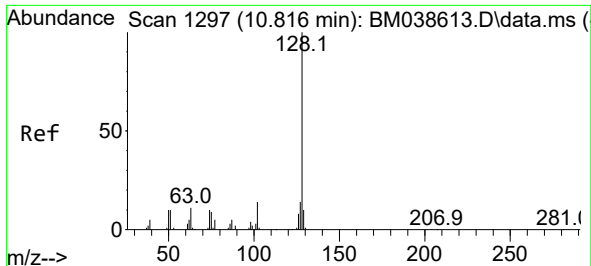
Tgt Ion: 93 Resp: 173211
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.3 37.9
 123 10.7 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 24.126 ng/ul
 RT: 10.416 min Scan# 1229
 Delta R.T. 0.000 min
 Lab File: BM038617.D
 Acq: 31 Jan 2023 13:36

Tgt Ion:162 Resp: 113389
 Ion Ratio Lower Upper
 162 100
 164 63.6 56.3 84.5
 98 34.1 24.6 37.0

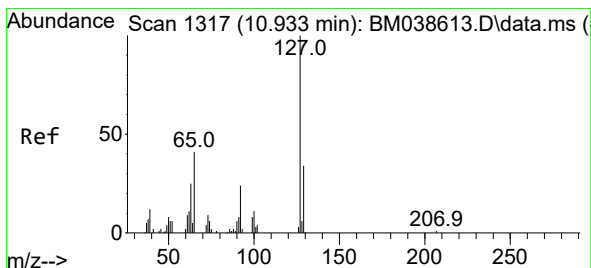
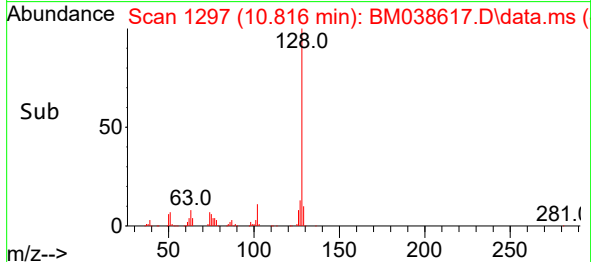
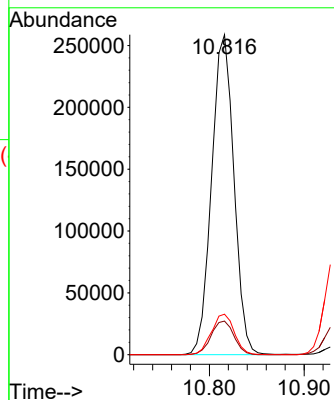
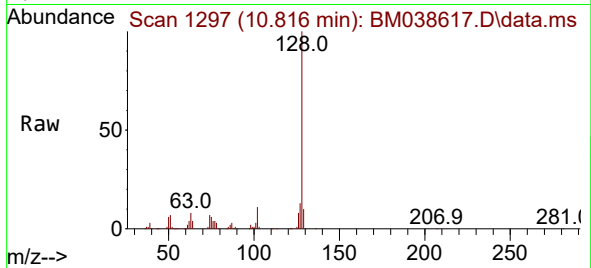




#30
Naphthalene
Concen: 38.154 ng/ul
RT: 10.816 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

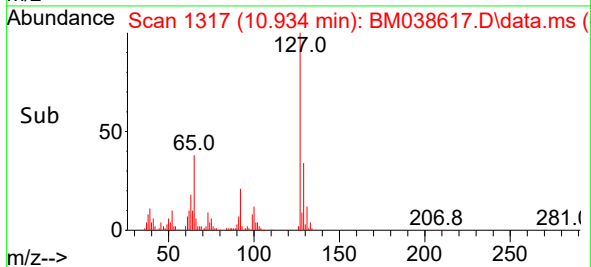
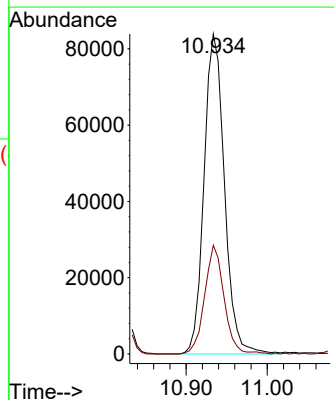
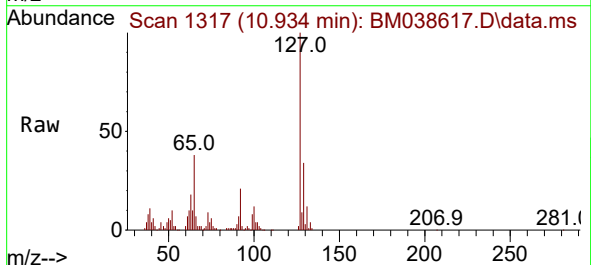
Instrument :
BNA_M
ClientSampleId :

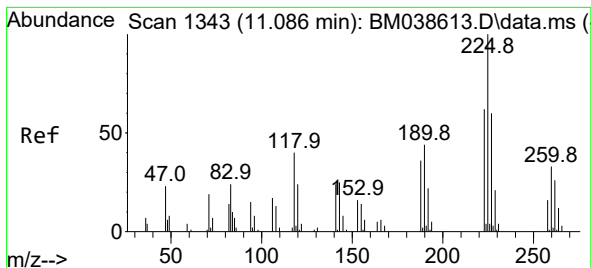
Tgt Ion:128 Resp: 422542
Ion Ratio Lower Upper
128 100
129 10.5 8.0 12.0
127 12.6 10.5 15.7



#32
4-Chloroaniline
Concen: 30.415 ng/ul
RT: 10.934 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion:127 Resp: 146661
Ion Ratio Lower Upper
127 100
129 34.0 26.9 40.3

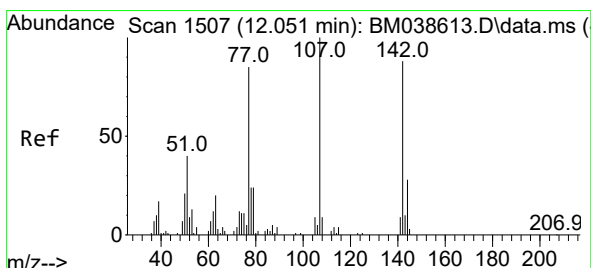
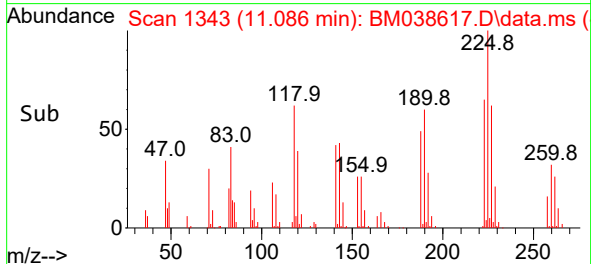
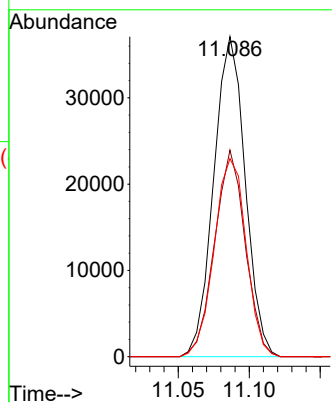
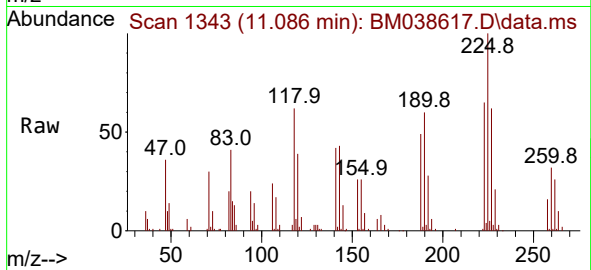




#33
Hexachlorobutadiene
Concen: 11.702 ng/ul
RT: 11.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

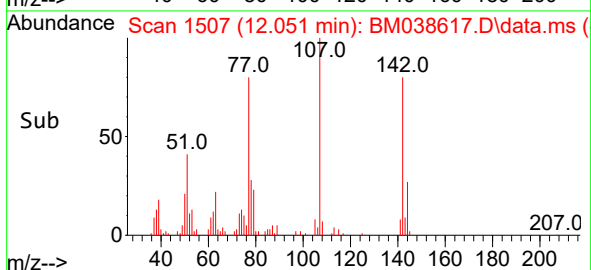
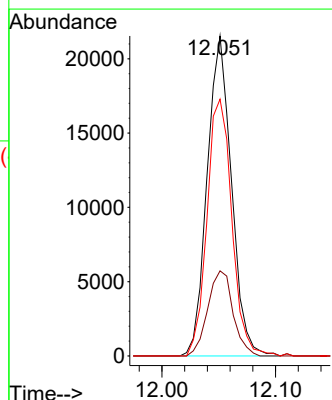
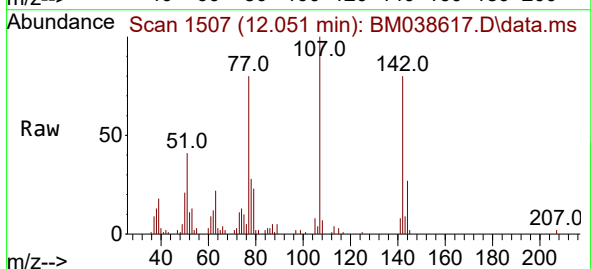
Instrument :
BNA_M
ClientSampleId :

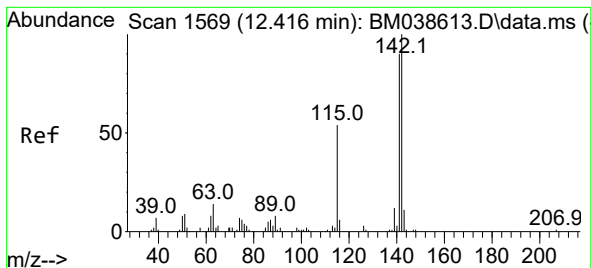
Tgt Ion:225 Resp: 57157
Ion Ratio Lower Upper
225 100
223 64.6 48.0 72.0
227 61.9 53.6 80.4



#35
4-Chloro-3-methylphenol
Concen: 8.624 ng/ul
RT: 12.051 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion:107 Resp: 32016
Ion Ratio Lower Upper
107 100
144 26.6 18.1 27.1
142 80.3 60.2 90.4

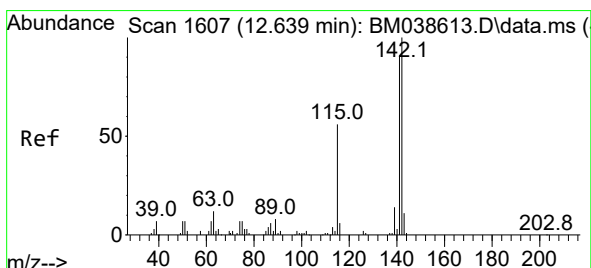
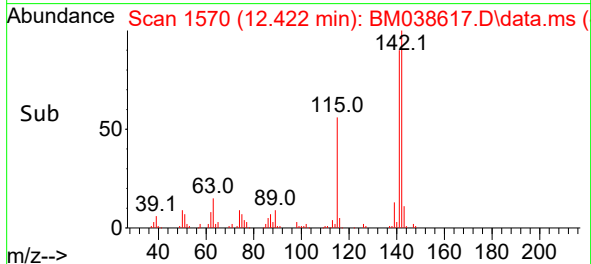
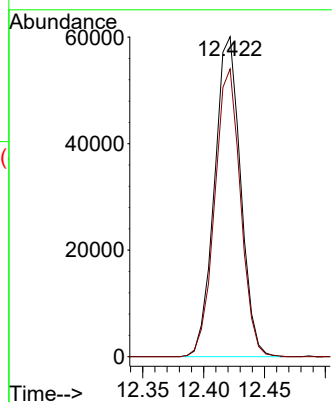
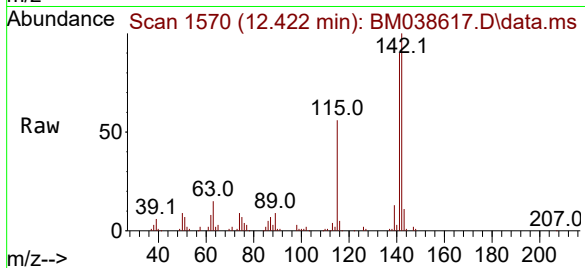




#36
2-Methylnaphthalene
Concen: 10.883 ng/ul
RT: 12.422 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

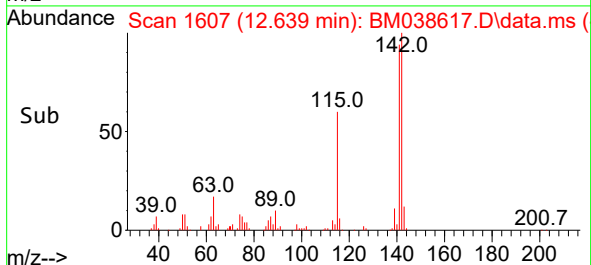
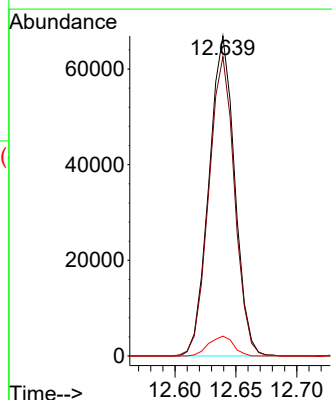
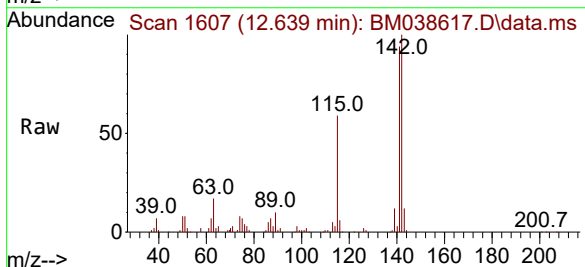
Instrument :
BNA_M
ClientSampleId :

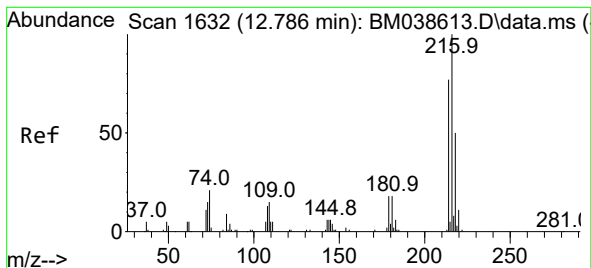
Tgt Ion:142 Resp: 89641
Ion Ratio Lower Upper
142 100
141 89.9 73.7 110.5



#37
1-Methylnaphthalene
Concen: 11.573 ng/ul
RT: 12.639 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

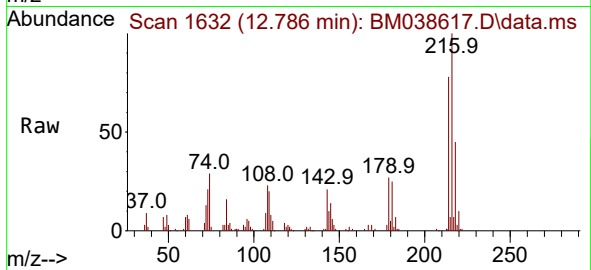
Tgt Ion:142 Resp: 98404
Ion Ratio Lower Upper
142 100
141 93.6 75.2 112.8
116 6.2 5.0 7.4



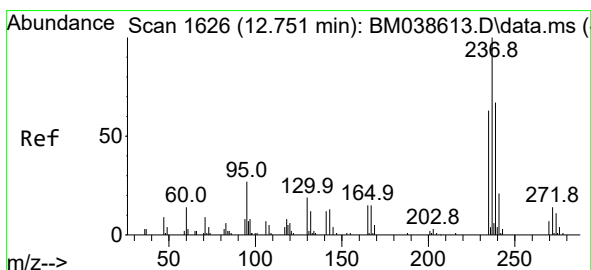
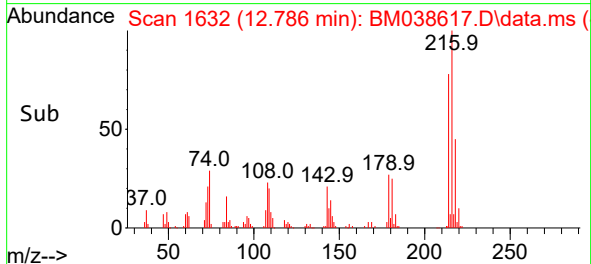
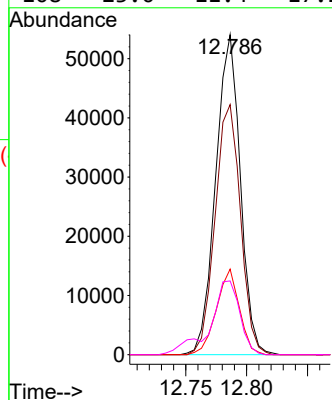


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.838 ng/ul
 RT: 12.786 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BM038617.D
 Acq: 31 Jan 2023 13:36

Instrument :
 BNA_M
 ClientSampleId :

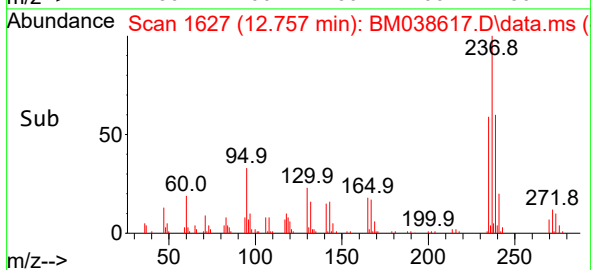
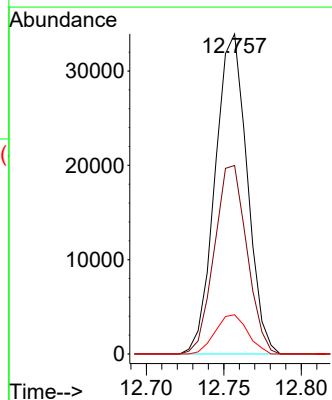
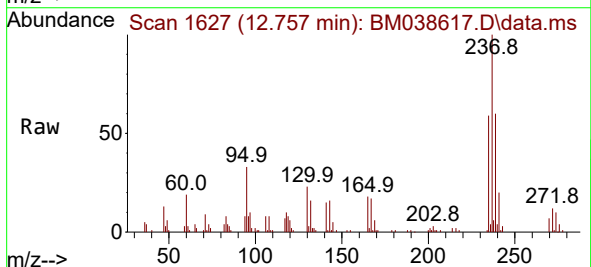


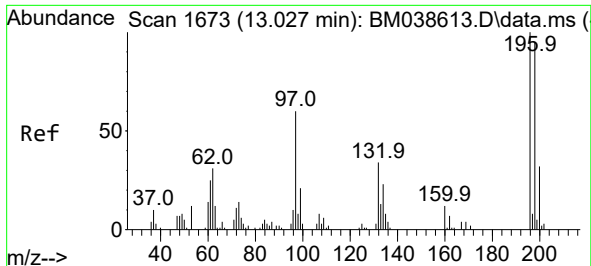
Tgt Ion:	216	Resp:	76079
Ion Ratio	Lower	Upper	
216	100		
214	78.1	61.1	91.7
179	26.7	17.0	25.4#
108	23.0	11.4	17.2#



#40
 Hexachlorocyclopentadiene
 Concen: 9.735 ng/ul
 RT: 12.757 min Scan# 1627
 Delta R.T. 0.000 min
 Lab File: BM038617.D
 Acq: 31 Jan 2023 13:36

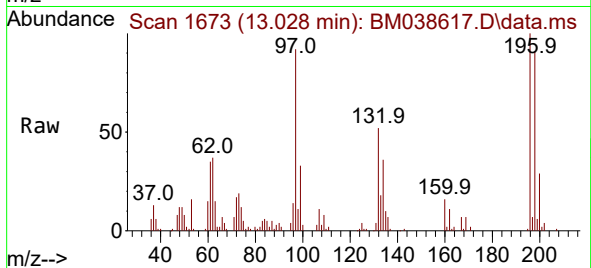
Tgt Ion:	237	Resp:	48762
Ion Ratio	Lower	Upper	
237	100		
235	55.5	49.2	73.8
272	12.2	11.0	16.6



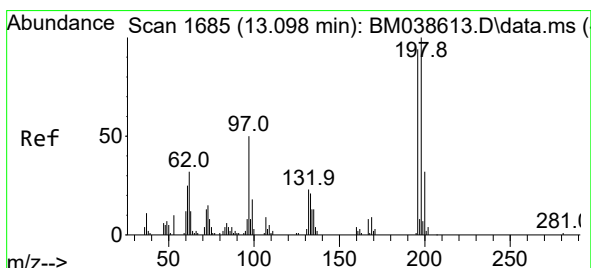
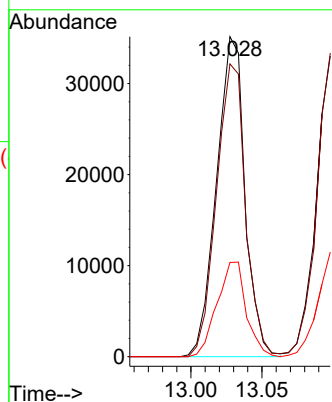
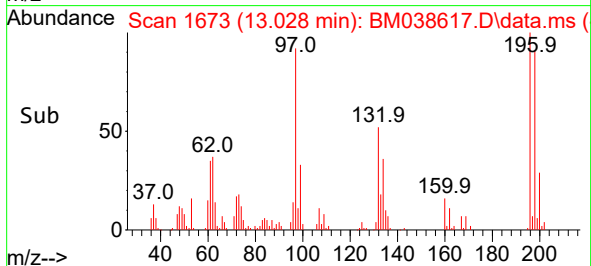


#41
2,4,6-Trichlorophenol
Concen: 11.451 ng/ul
RT: 13.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

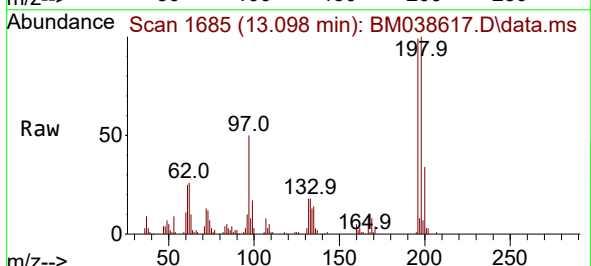
Instrument :
BNA_M
ClientSampleId :



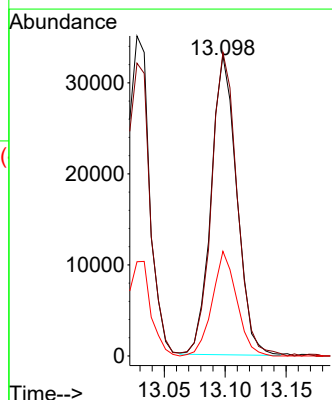
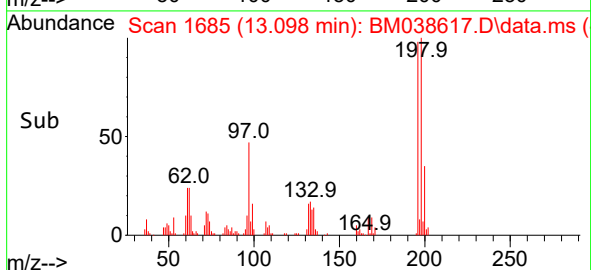
Tgt Ion:196 Resp: 48940
Ion Ratio Lower Upper
196 100
198 91.5 83.6 125.4
200 29.5 27.5 41.3

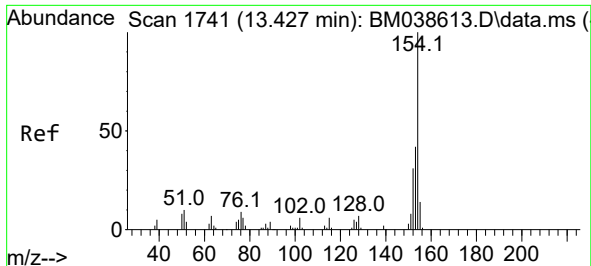


#42
2,4,5-Trichlorophenol
Concen: 10.570 ng/ul
RT: 13.098 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36



Tgt Ion:196 Resp: 48244
Ion Ratio Lower Upper
196 100
198 101.0 73.2 109.8
200 34.8 25.8 38.8

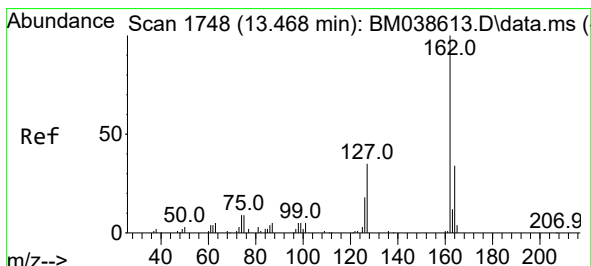
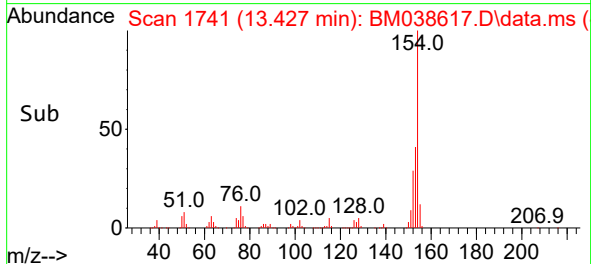
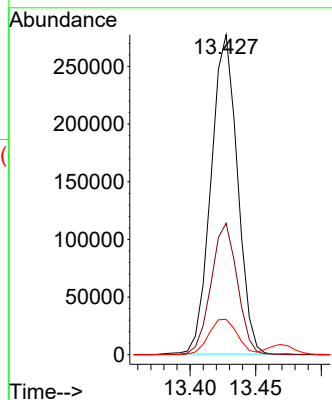
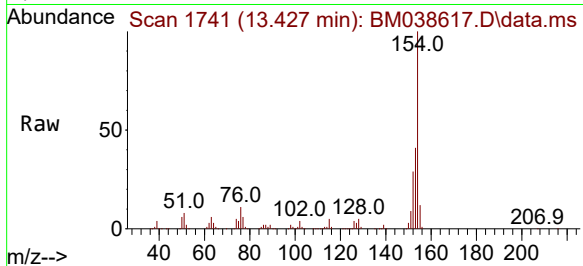




#43
1,1'-Biphenyl
Concen: 35.294 ng/ul
RT: 13.427 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

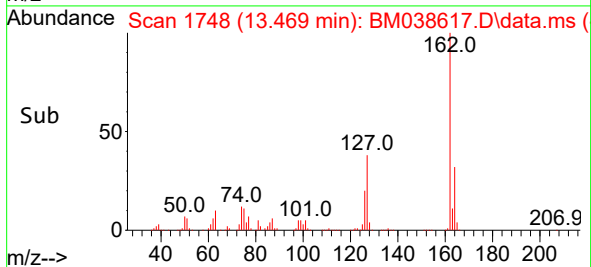
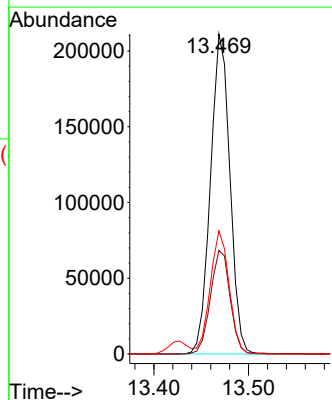
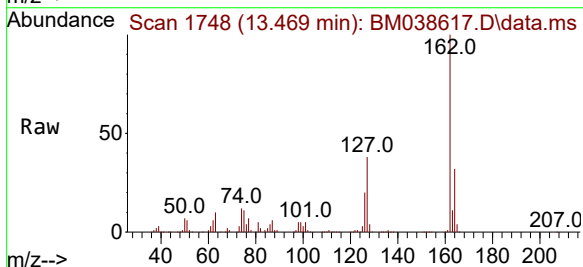
Instrument :
BNA_M
ClientSampleId :

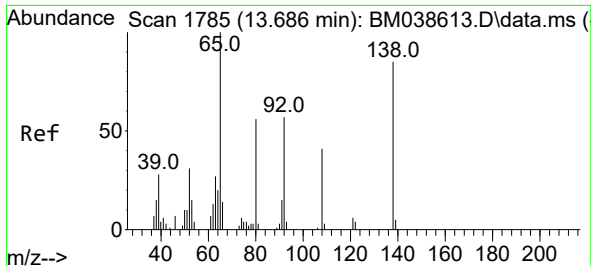
Tgt Ion:154 Resp: 387004
Ion Ratio Lower Upper
154 100
153 41.0 33.2 49.8
76 11.0 6.7 10.1#



#44
2-Chloronaphthalene
Concen: 33.098 ng/ul
RT: 13.469 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion:162 Resp: 301497
Ion Ratio Lower Upper
162 100
164 32.4 26.6 40.0
127 38.5 31.6 47.4

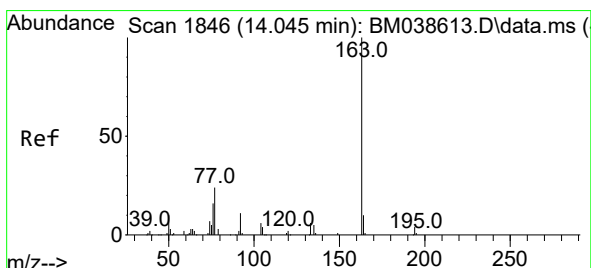
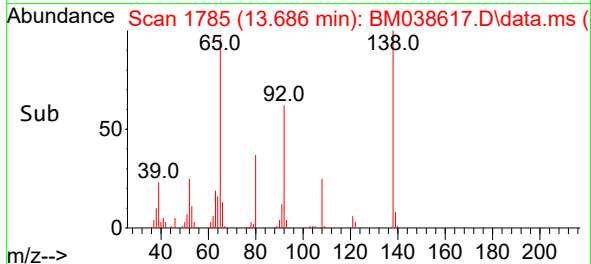
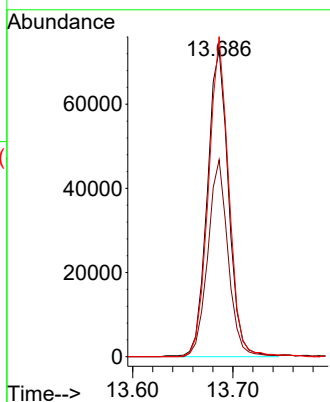
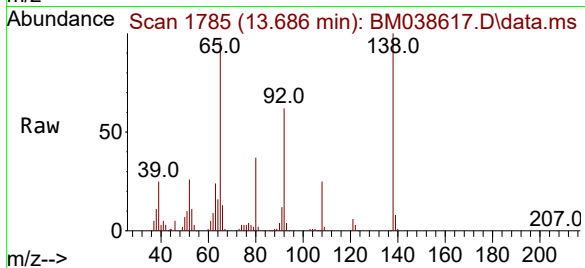




#45
2-Nitroaniline
Concen: 44.064 ng/ul
RT: 13.686 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

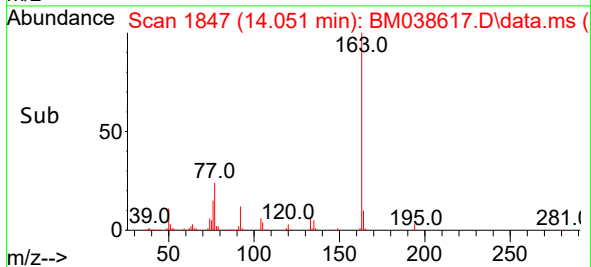
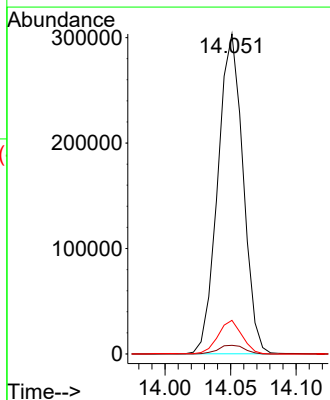
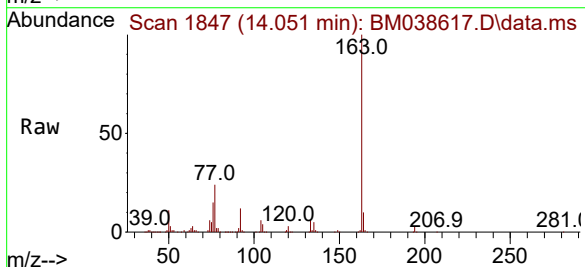
Instrument :
BNA_M
ClientSampleId :

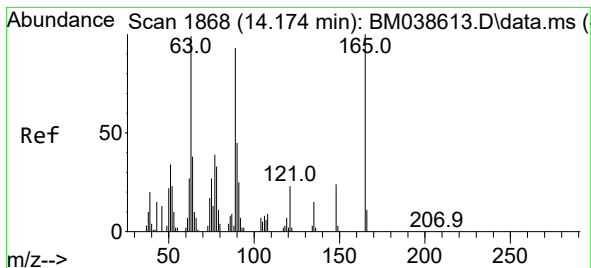
Tgt Ion: 65 Resp: 107360
Ion Ratio Lower Upper
65 100
92 64.3 41.5 62.3#
138 104.4 63.3 94.9#



#47
Dimethylphthalate
Concen: 35.011 ng/ul
RT: 14.051 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion:163 Resp: 405820
Ion Ratio Lower Upper
163 100
194 2.7 3.5 5.3#
164 10.5 8.0 12.0





#48

2,6-Dinitrotoluene

Concen: 39.268 ng/ul

RT: 14.180 min Scan# 1869

Delta R.T. 0.000 min

Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

Instrument :

BNA_M

ClientSampleId :

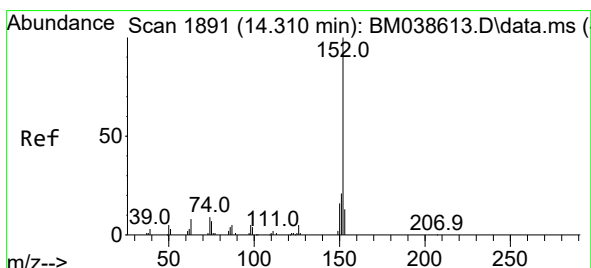
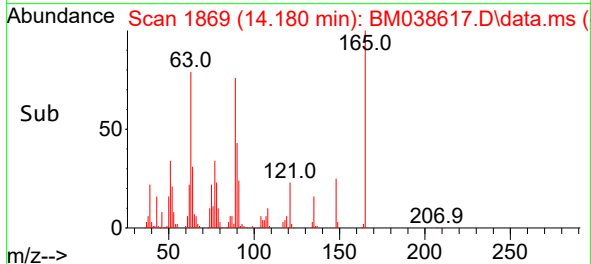
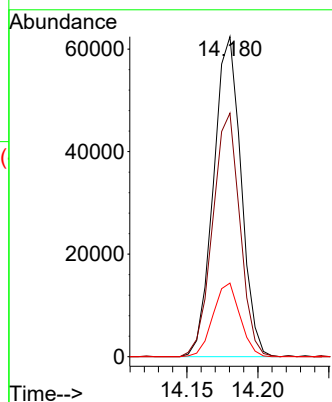
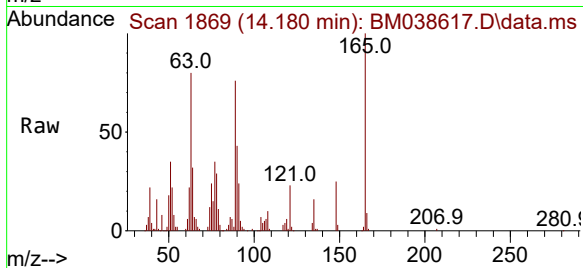
Tgt Ion:165 Resp: 84299

Ion Ratio Lower Upper

165 100

89 76.1 66.7 100.1

121 23.0 18.2 27.4



#50

Acenaphthylene

Concen: 39.989 ng/ul

RT: 14.316 min Scan# 1892

Delta R.T. 0.000 min

Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

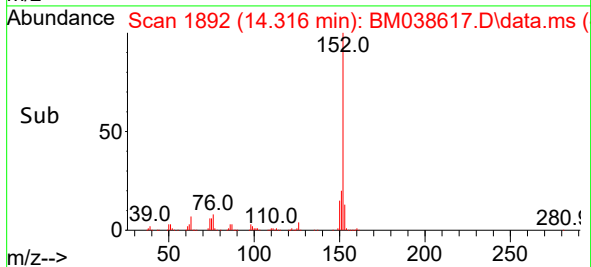
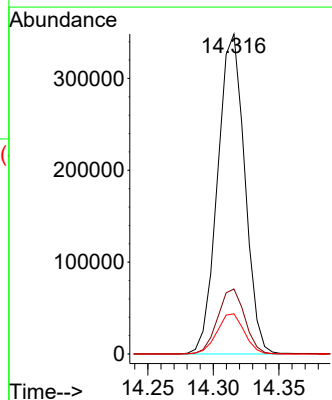
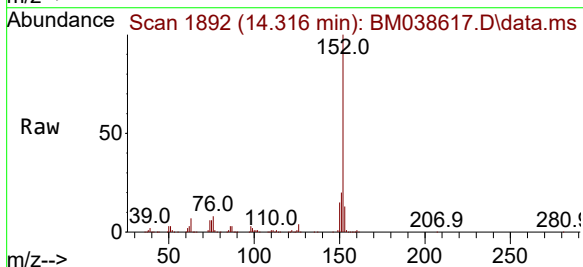
Tgt Ion:152 Resp: 501283

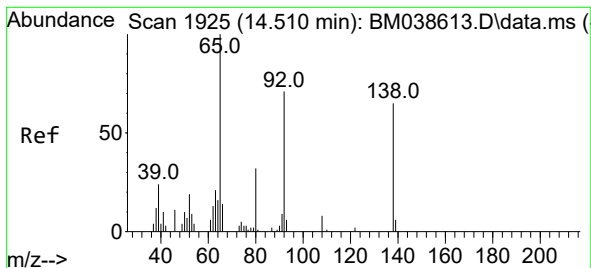
Ion Ratio Lower Upper

152 100

151 20.3 17.7 26.5

153 12.6 10.6 16.0

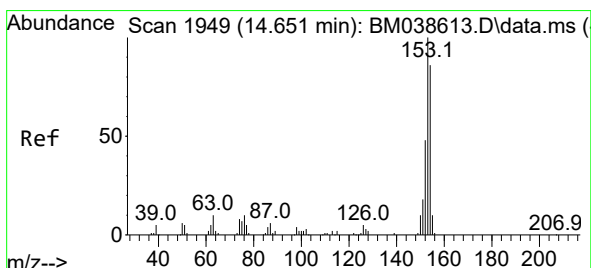
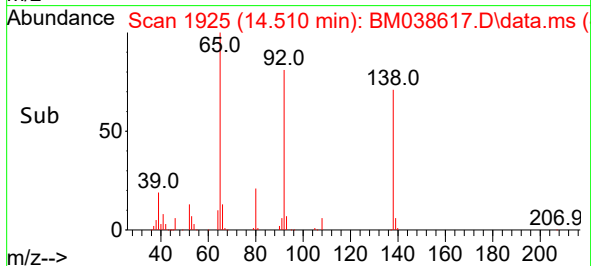
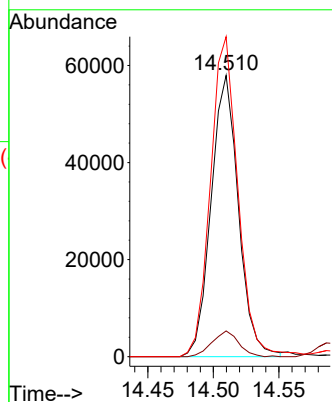
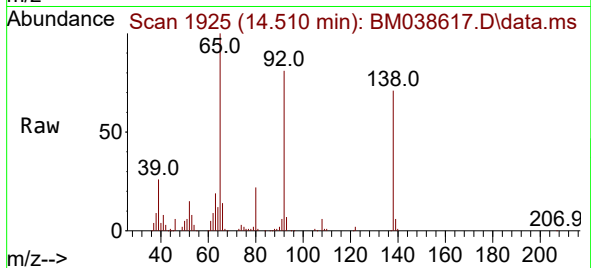




#51
3-Nitroaniline
Concen: 54.381 ng/ul
RT: 14.510 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

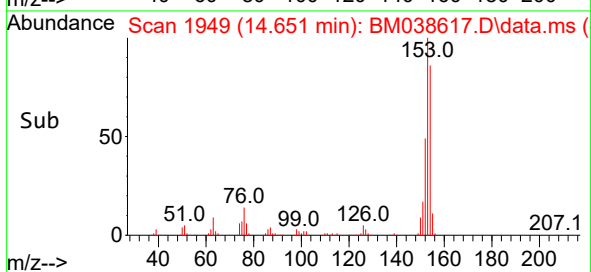
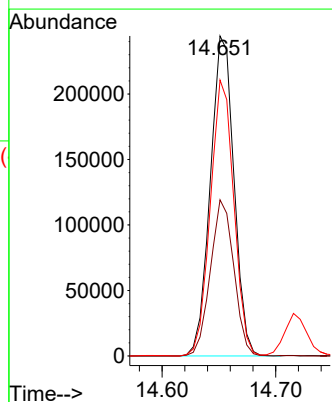
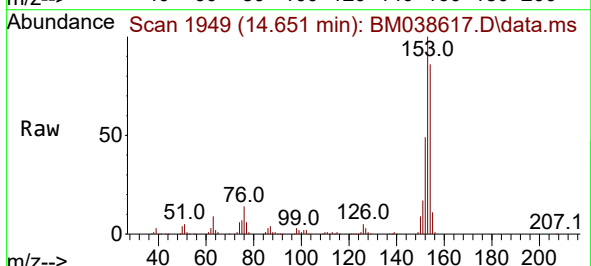
Instrument :
BNA_M
ClientSampleId :

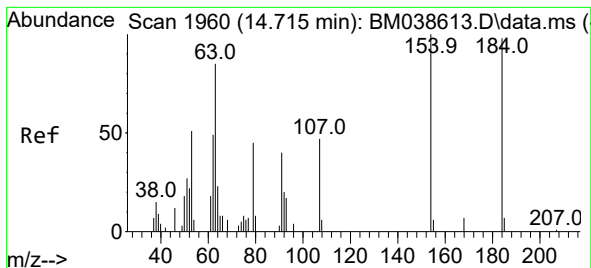
Tgt Ion:138 Resp: 84031
Ion Ratio Lower Upper
138 100
108 9.2 8.2 12.4
92 113.7 94.2 141.4



#52
Acenaphthene
Concen: 37.838 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion:153 Resp: 353060
Ion Ratio Lower Upper
153 100
152 48.8 40.6 61.0
154 86.2 68.7 103.1

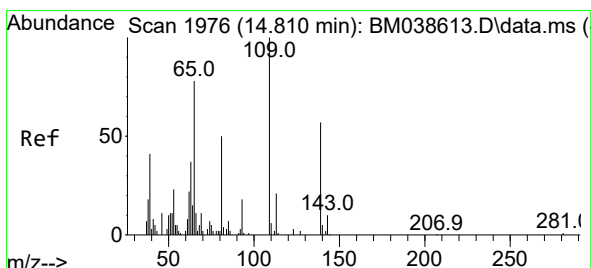
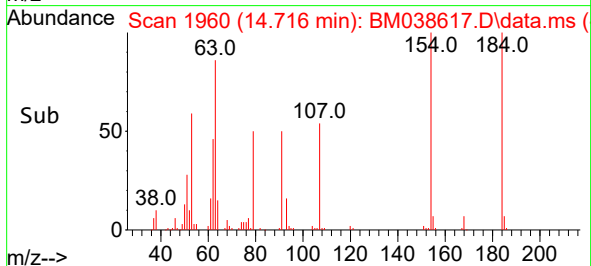
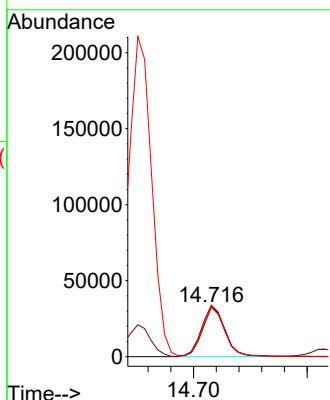
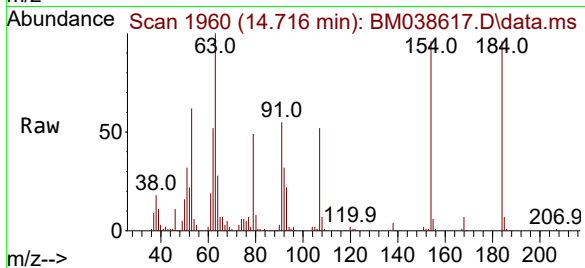




#53
2,4-Dinitrophenol
Concen: 26.448 ng/ul
RT: 14.716 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

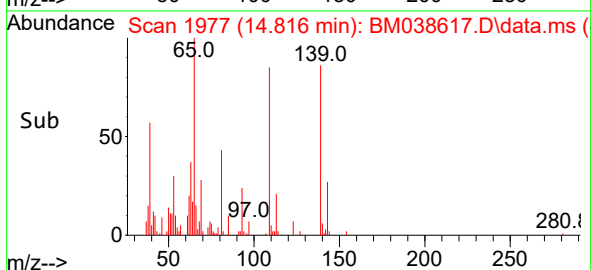
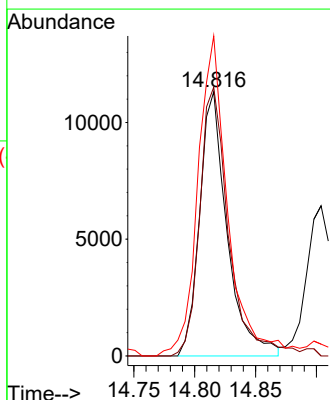
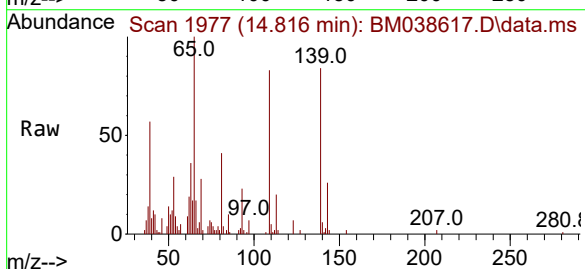
Instrument :
BNA_M
ClientSampleId :

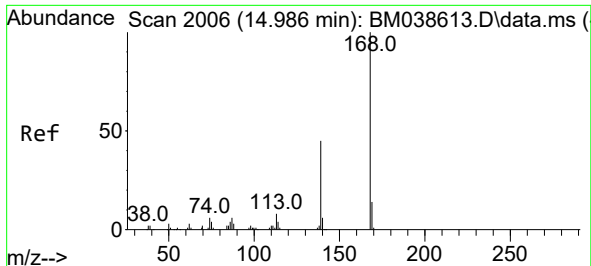
Tgt Ion:184 Resp: 45642
Ion Ratio Lower Upper
184 100
63 104.1 59.7 89.5#
154 99.7 79.6 119.4



#55
4-Nitrophenol
Concen: 6.519 ng/ul
RT: 14.816 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion:109 Resp: 17822
Ion Ratio Lower Upper
109 100
139 101.7 41.3 61.9#
65 121.1 63.4 95.2#

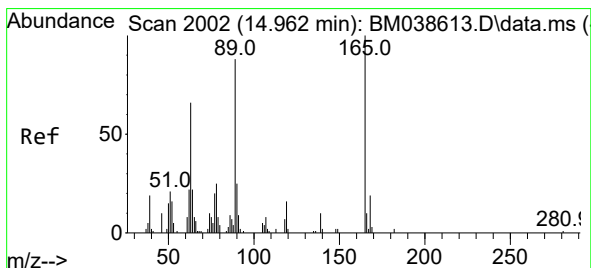
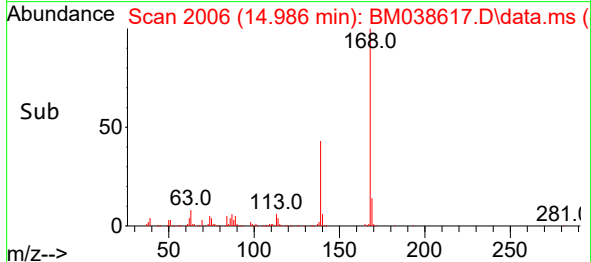
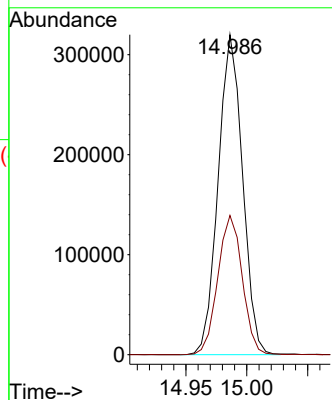
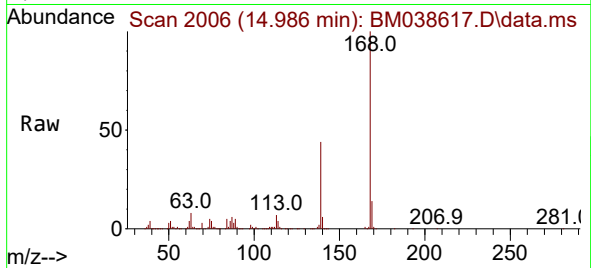




#56
Dibenzenofuran
Concen: 32.134 ng/ul
RT: 14.986 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

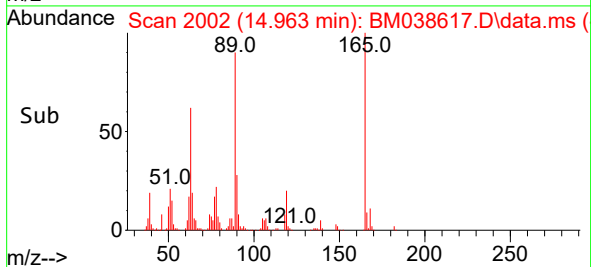
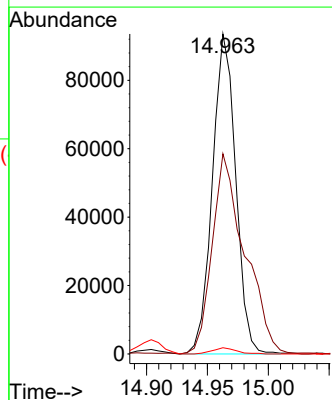
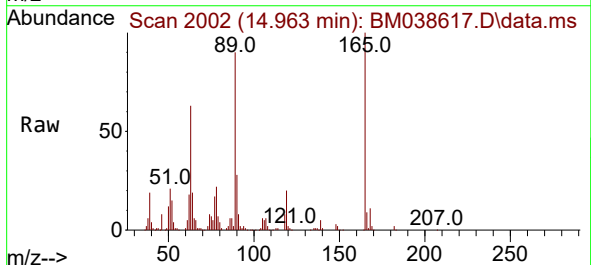
Instrument :
BNA_M
ClientSampleId :

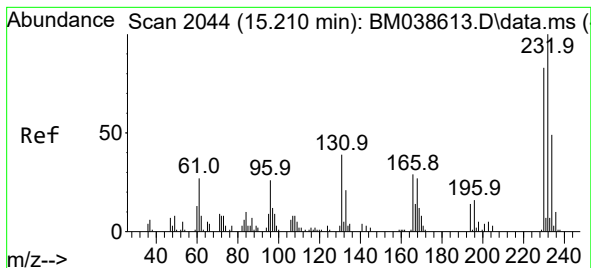
Tgt Ion:168 Resp: 445947
Ion Ratio Lower Upper
168 100
139 43.5 35.4 53.0



#57
2,4-Dinitrotoluene
Concen: 39.445 ng/ul
RT: 14.963 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion:165 Resp: 124811
Ion Ratio Lower Upper
165 100
63 62.5 53.1 79.7
182 2.0 2.8 4.2#

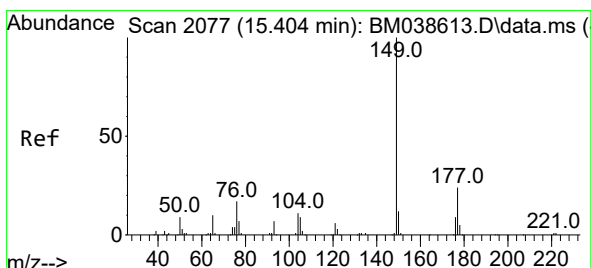
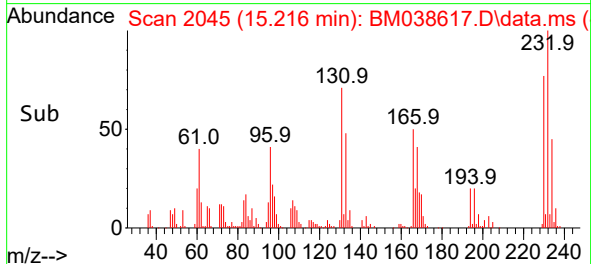
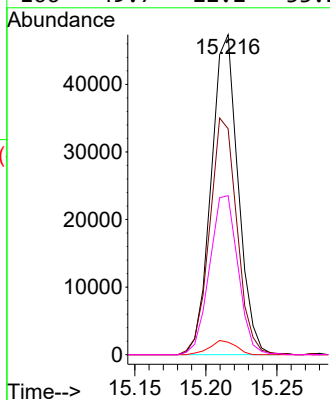
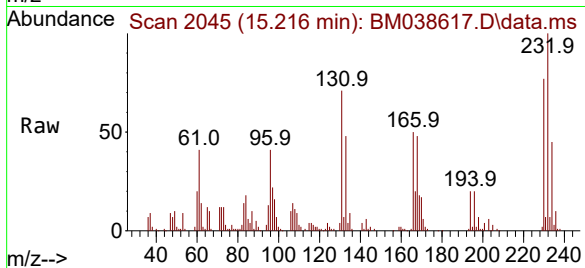




#58
2,3,4,6-Tetrachlorophenol
Concen: 15.664 ng/ul
RT: 15.216 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

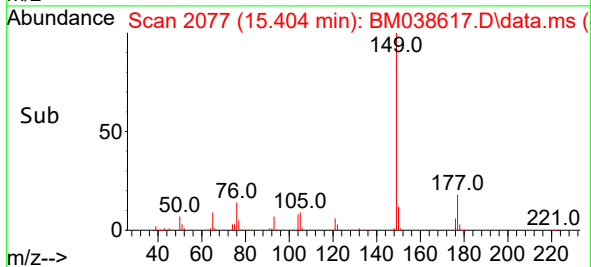
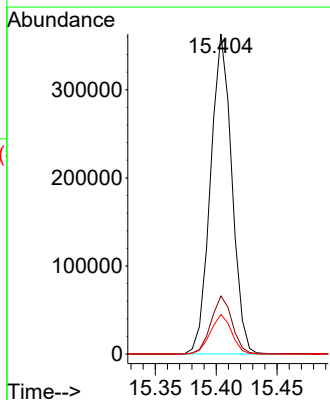
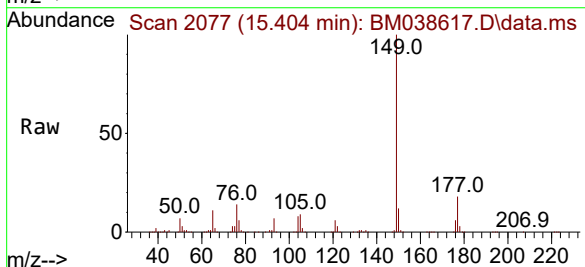
Instrument :
BNA_M
ClientSampleId :

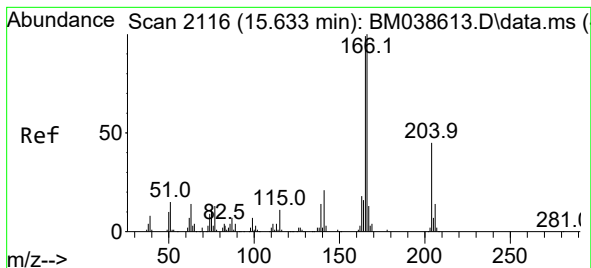
Tgt Ion:232 Resp: 62595
Ion Ratio Lower Upper
232 100
131 70.6 30.4 45.6#
130 3.9 2.4 3.6#
166 49.7 22.2 33.2#



#59
Diethylphthalate
Concen: 40.808 ng/ul
RT: 15.404 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion:149 Resp: 443445
Ion Ratio Lower Upper
149 100
177 18.1 18.0 27.0
150 12.4 10.4 15.6





#61

Fluorene

Concen: 32.498 ng/ul

RT: 15.633 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

Instrument :

BNA_M

ClientSampleId :

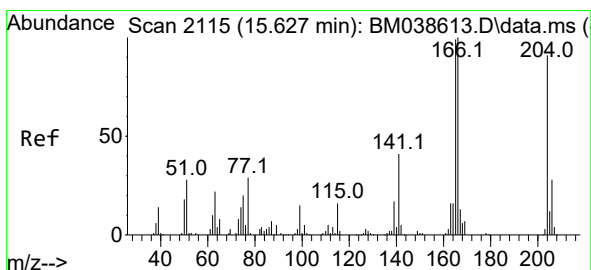
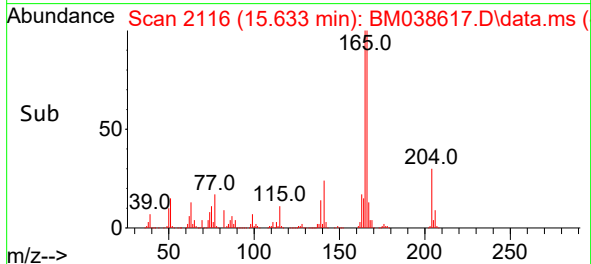
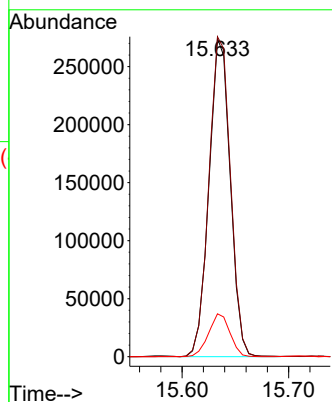
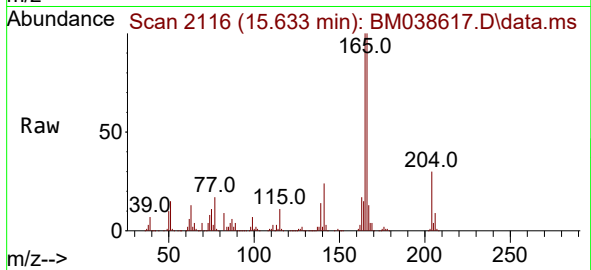
Tgt Ion:166 Resp: 379821

Ion Ratio Lower Upper

166 100

165 100.4 83.3 124.9

167 13.5 10.6 16.0



#62

4-Chlorophenyl-phenylether

Concen: 17.641 ng/ul

RT: 15.627 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

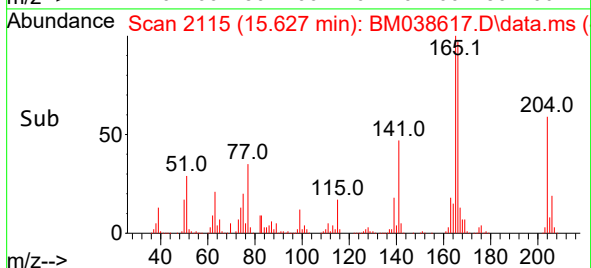
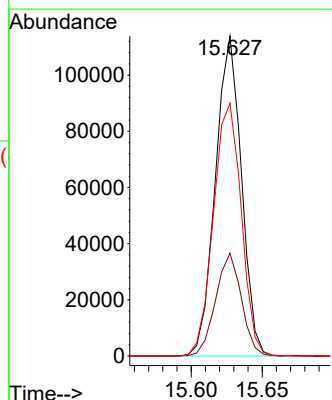
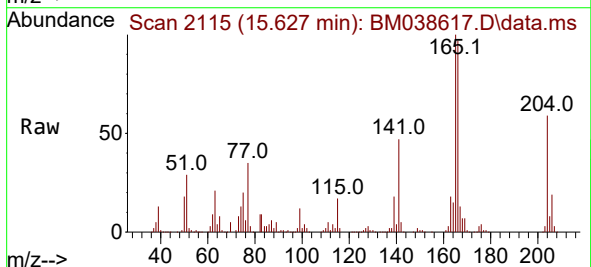
Tgt Ion:204 Resp: 145080

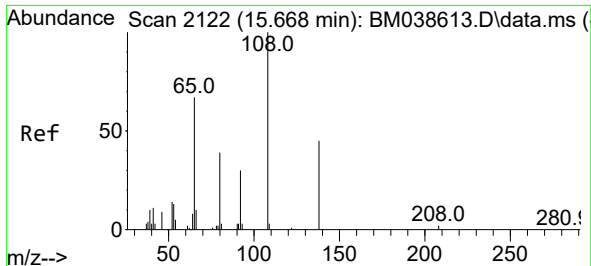
Ion Ratio Lower Upper

204 100

206 32.1 27.9 41.9

141 79.0 41.4 62.0#

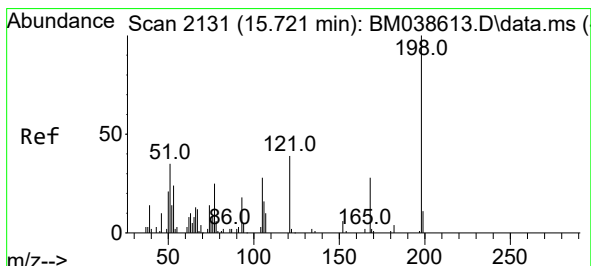
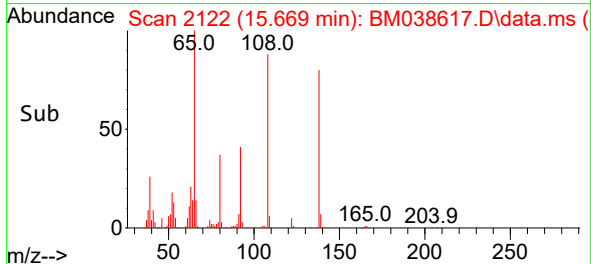
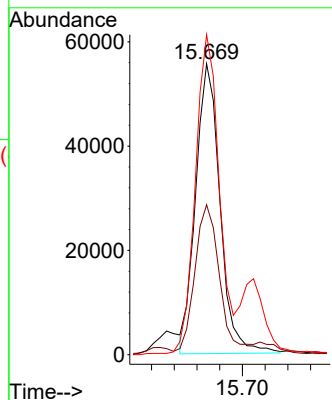
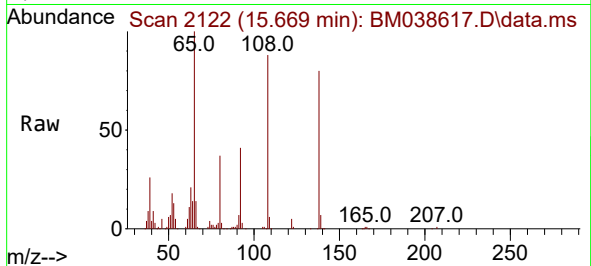




#63
4-Nitroaniline
Concen: 65.081 ng/ul
RT: 15.669 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

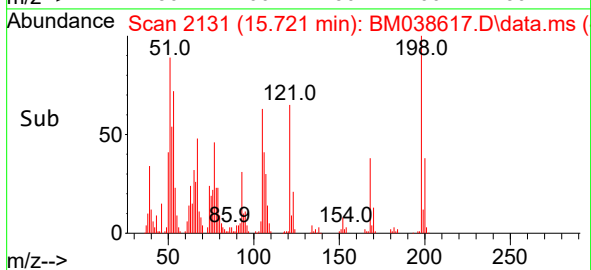
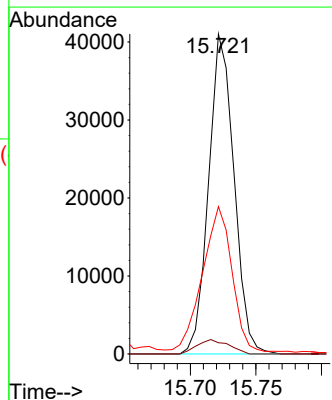
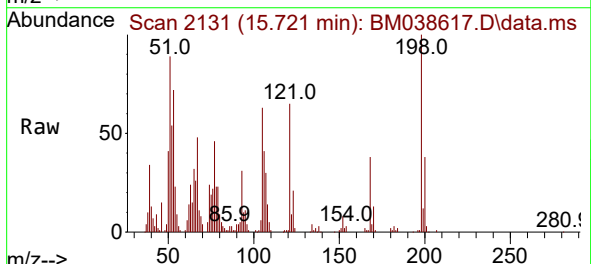
Instrument :
BNA_M
ClientSampleId :

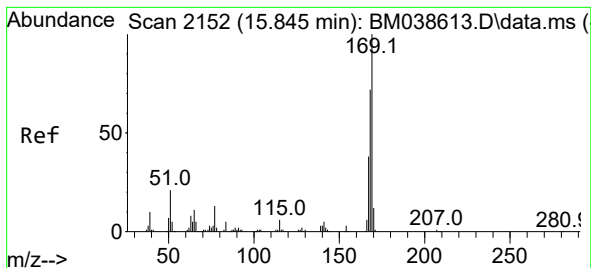
Tgt Ion:138 Resp: 82911
Ion Ratio Lower Upper
138 100
92 51.5 51.9 77.9#
108 110.0 156.2 234.4#



#66
4,6-Dinitro-2-methylphenol
Concen: 27.344 ng/ul
RT: 15.721 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion:198 Resp: 55235
Ion Ratio Lower Upper
198 100
182 3.5 2.7 4.1
77 46.1 23.9 35.9#





#67

N-Nitrosodiphenylamine

Concen: 46.760 ng/ul

RT: 15.845 min Scan# 2152

Delta R.T. 0.000 min

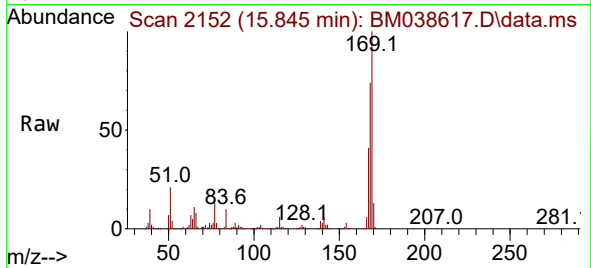
Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

Instrument :

BNA_M

ClientSampleId :



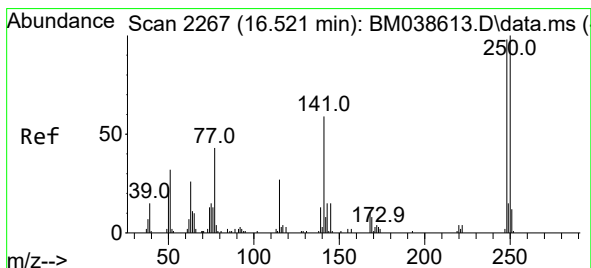
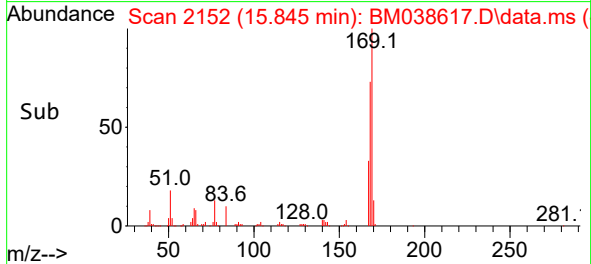
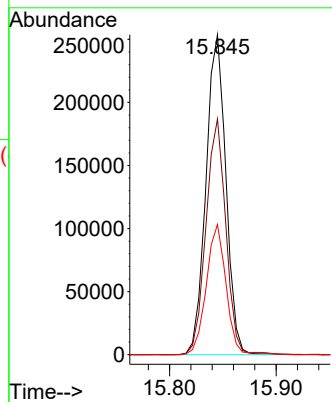
Tgt Ion:169 Resp: 329646

Ion Ratio Lower Upper

169 100

168 73.6 59.1 88.7

167 40.7 31.6 47.4



#68

4-Bromophenyl-phenylether

Concen: 24.456 ng/ul

RT: 16.521 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

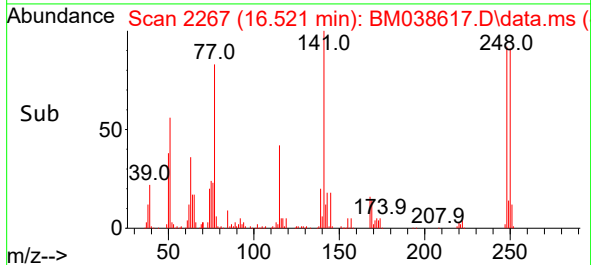
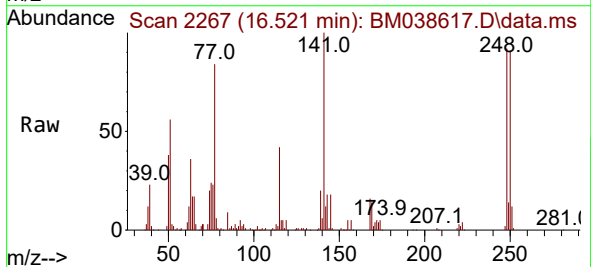
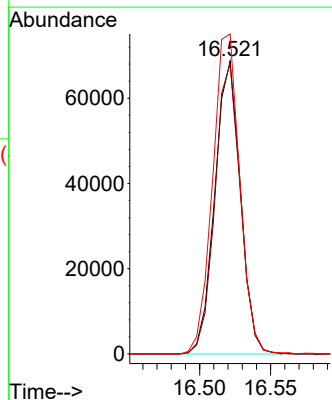
Tgt Ion:248 Resp: 86164

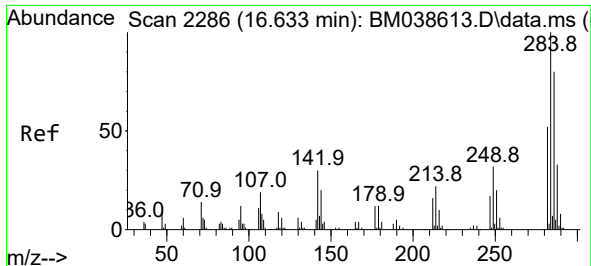
Ion Ratio Lower Upper

248 100

250 99.1 77.8 116.6

141 109.3 52.3 78.5#

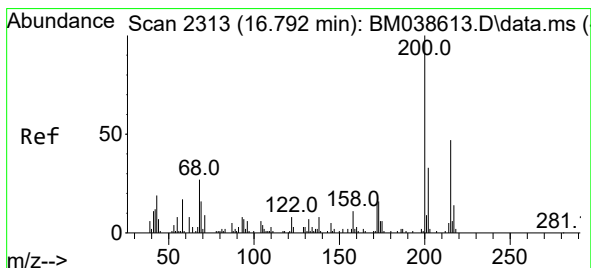
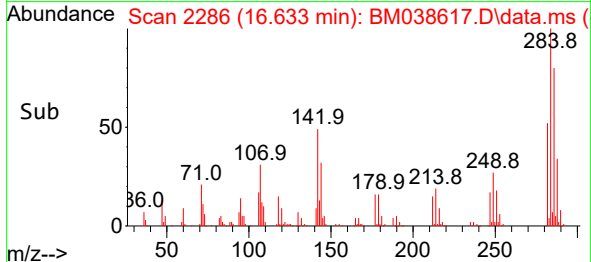
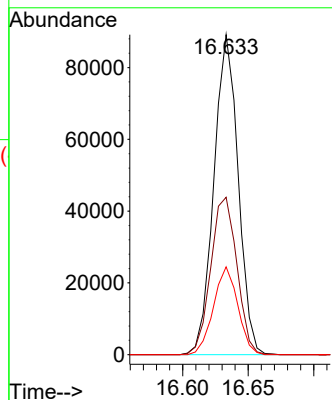
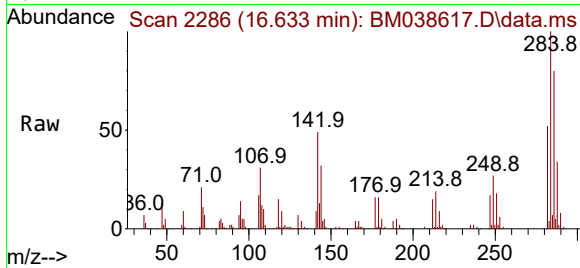




#69
Hexachlorobenzene
Concen: 27.888 ng/ul
RT: 16.633 min Scan# 211
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

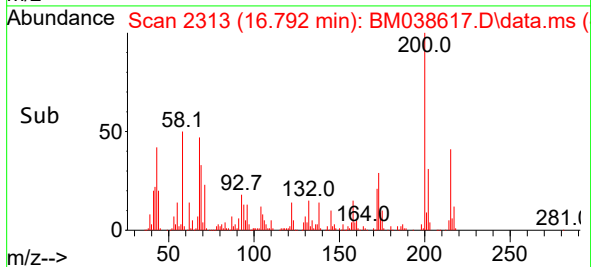
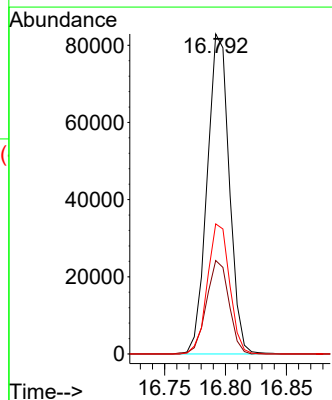
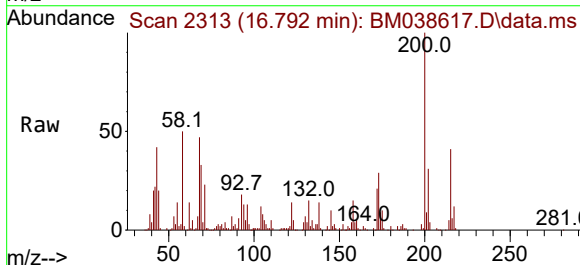
Instrument :
BNA_M
ClientSampleId :

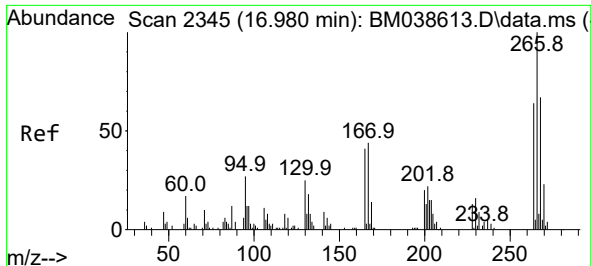
Tgt Ion:284 Resp: 114699
Ion Ratio Lower Upper
284 100
142 49.2 28.0 42.0#
249 27.5 23.9 35.9



#70
Atrazine
Concen: 29.596 ng/ul
RT: 16.792 min Scan# 2313
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

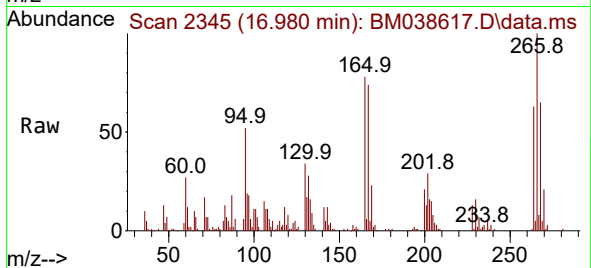
Tgt Ion:200 Resp: 104690
Ion Ratio Lower Upper
200 100
173 29.2 15.2 22.8#
215 40.7 36.6 54.8



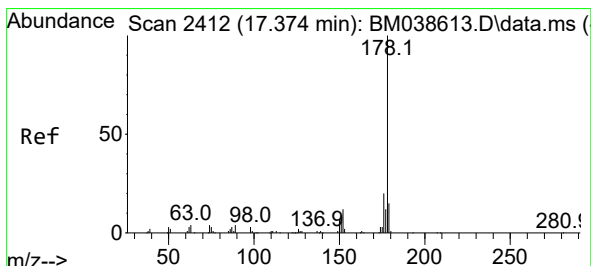
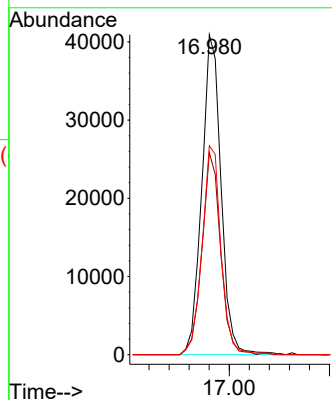
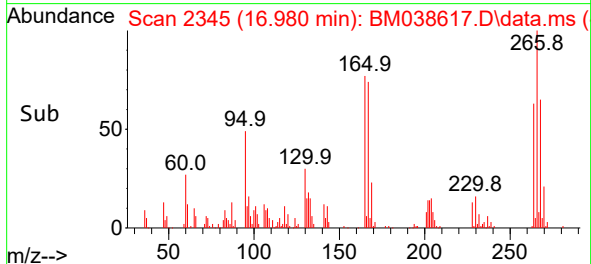


#71
 Pentachlorophenol
 Concen: 20.705 ng/ul
 RT: 16.980 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038617.D
 Acq: 31 Jan 2023 13:36

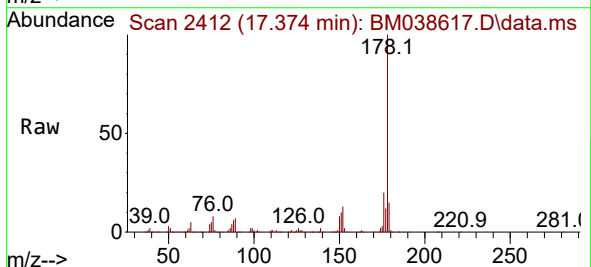
Instrument :
 BNA_M
 ClientSampleId :



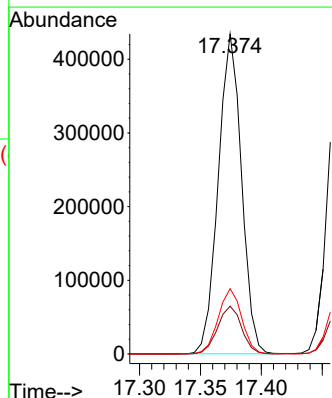
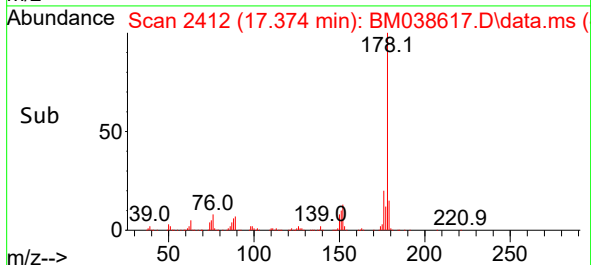
Tgt Ion:266 Resp: 54472
 Ion Ratio Lower Upper
 266 100
 264 63.1 47.2 70.8
 268 65.3 45.8 68.6

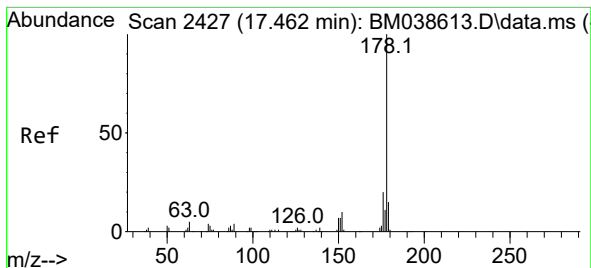


#72
 Phenanthrene
 Concen: 44.060 ng/ul
 RT: 17.374 min Scan# 2412
 Delta R.T. 0.000 min
 Lab File: BM038617.D
 Acq: 31 Jan 2023 13:36



Tgt Ion:178 Resp: 575752
 Ion Ratio Lower Upper
 178 100
 179 15.0 11.7 17.5
 176 20.4 16.2 24.2





#74

Anthracene

Concen: 43.772 ng/uL

RT: 17.463 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

Instrument :

BNA_M

ClientSampleId :

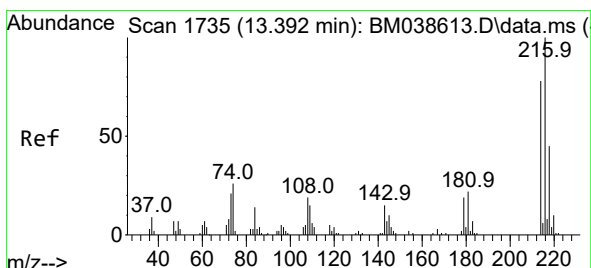
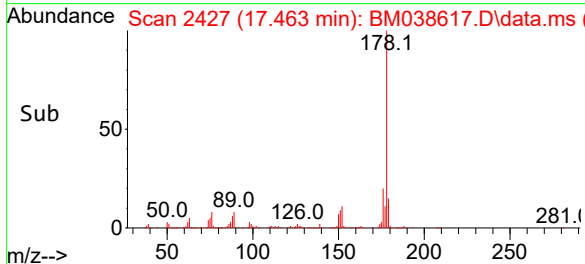
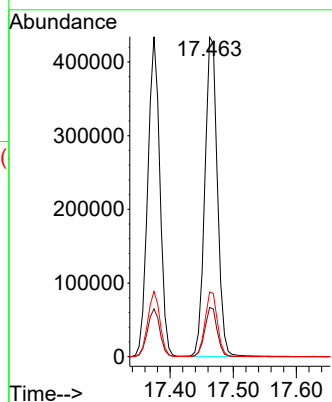
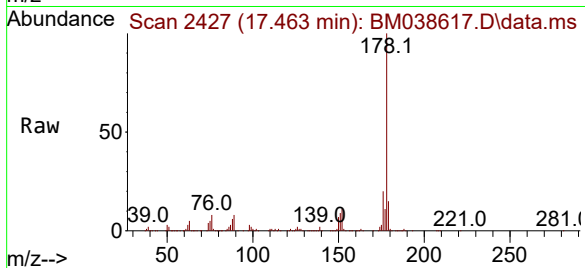
Tgt Ion:178 Resp: 598962

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 20.3 16.3 24.5



#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.068 ng/uL

RT: 13.392 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

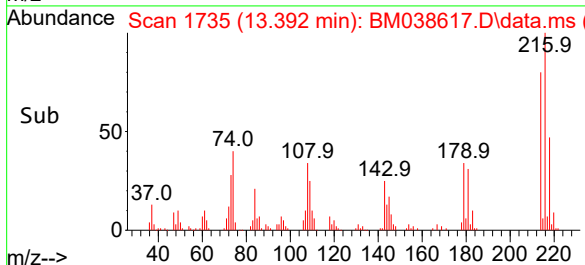
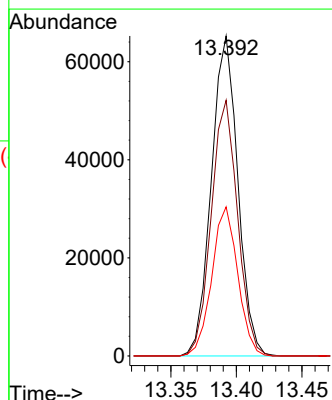
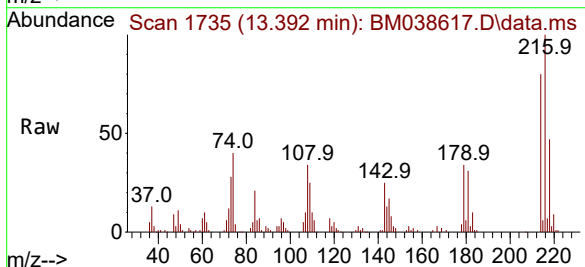
Tgt Ion:216 Resp: 91644

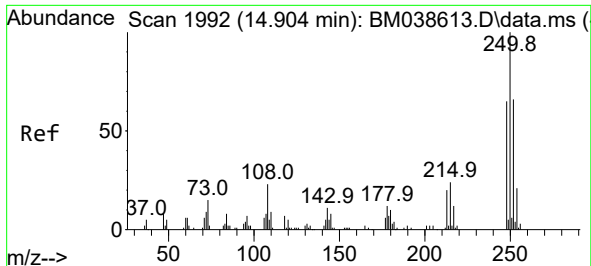
Ion Ratio Lower Upper

216 100

214 79.9 62.5 93.7

218 46.6 37.4 56.0

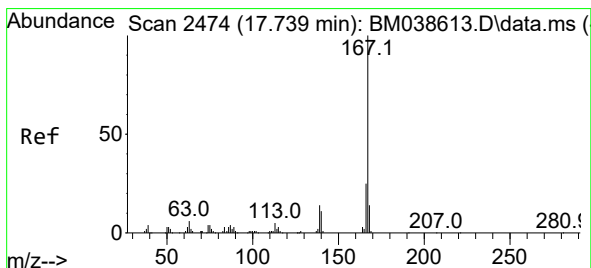
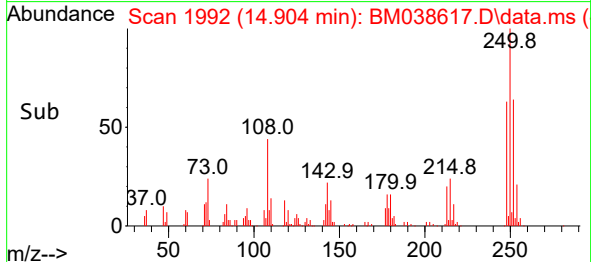
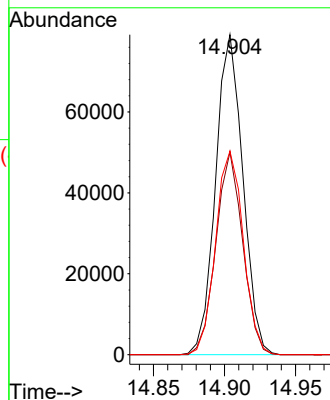
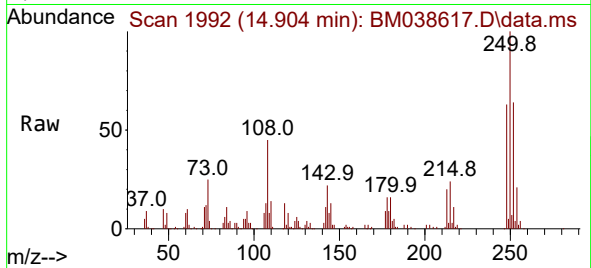




#76
 Pentachlorobenzene
 Concen: 21.117 ng/uL
 RT: 14.904 min Scan# 1992
 Delta R.T. 0.000 min
 Lab File: BM038617.D
 Acq: 31 Jan 2023 13:36

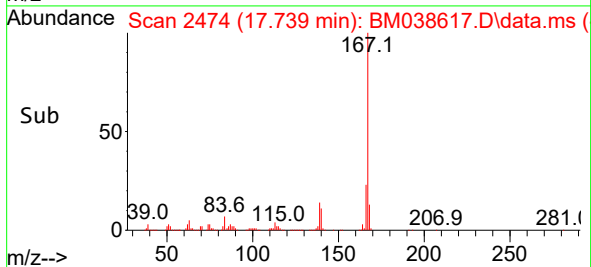
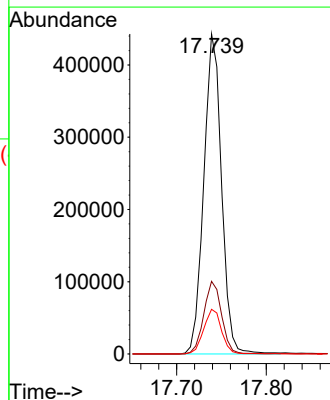
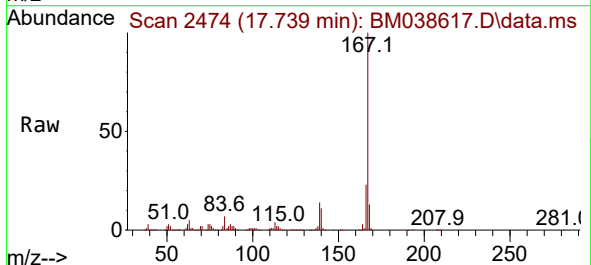
Instrument :
 BNA_M
 ClientSampleId :

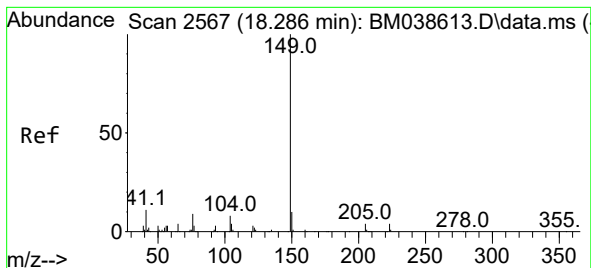
Tgt Ion:250 Resp: 105603
 Ion Ratio Lower Upper
 250 100
 248 63.4 50.6 75.8
 252 63.6 51.3 76.9



#77
 Carbazole
 Concen: 51.243 ng/uL
 RT: 17.739 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BM038617.D
 Acq: 31 Jan 2023 13:36

Tgt Ion:167 Resp: 608639
 Ion Ratio Lower Upper
 167 100
 166 22.7 19.5 29.3
 139 13.9 11.3 16.9





#78

Di-n-butylphthalate

Concen: 25.597 ng/ul

RT: 18.292 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

Instrument :

BNA_M

ClientSampleId :

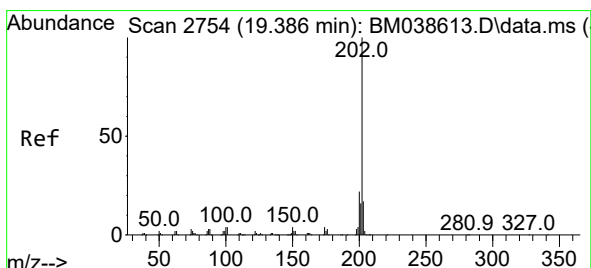
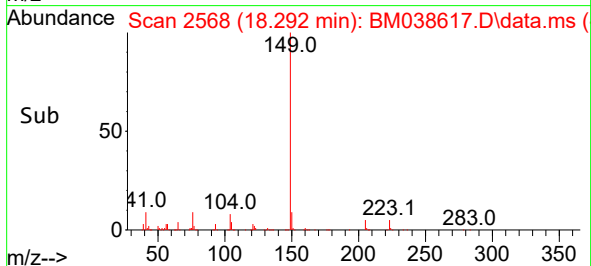
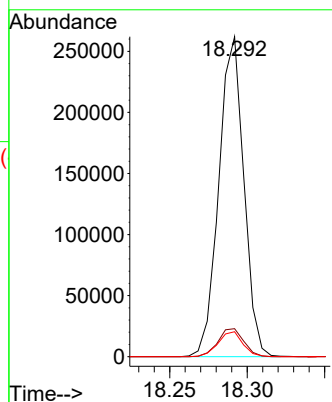
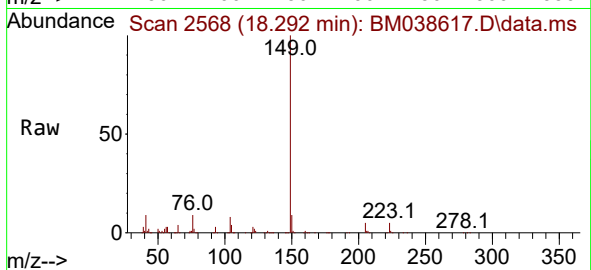
Tgt Ion:149 Resp: 294148

Ion Ratio Lower Upper

149 100

150 8.8 7.2 10.8

104 7.8 6.2 9.4



#80

Fluoranthene

Concen: 31.921 ng/ul

RT: 19.386 min Scan# 2754

Delta R.T. 0.000 min

Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

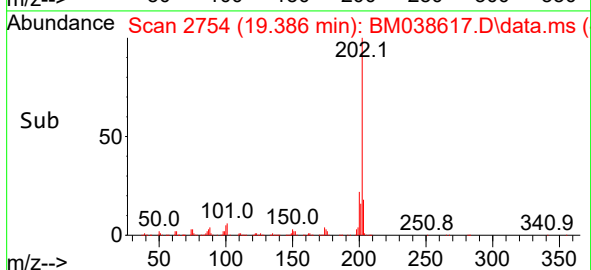
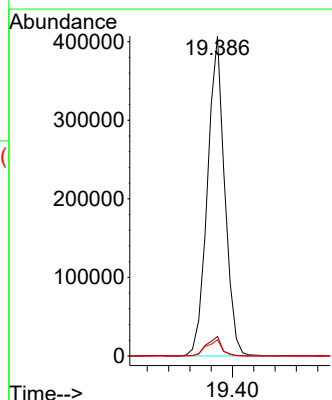
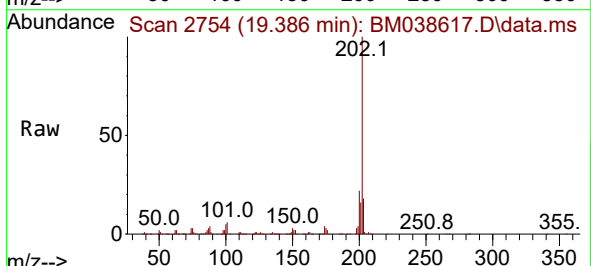
Tgt Ion:202 Resp: 457252

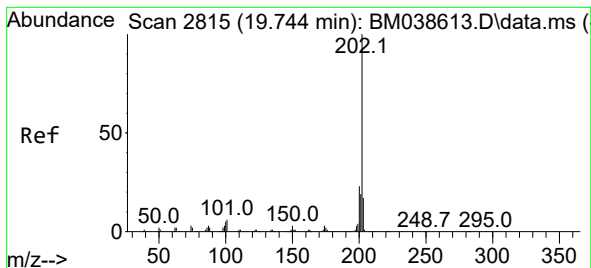
Ion Ratio Lower Upper

202 100

101 6.1 2.8 4.2#

100 5.1 2.4 3.6#





#82

Pyrene

Concen: 32.358 ng/ul

RT: 19.751 min Scan# 2815

Delta R.T. 0.000 min

Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

Instrument :

BNA_M

ClientSampleId :

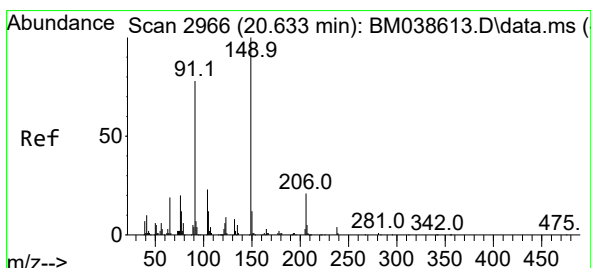
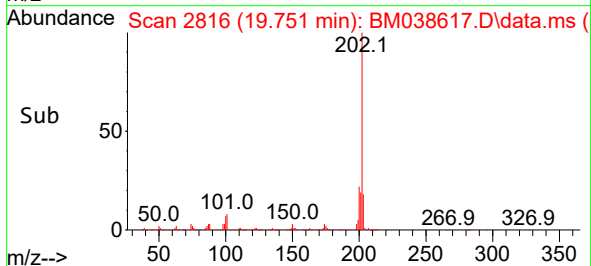
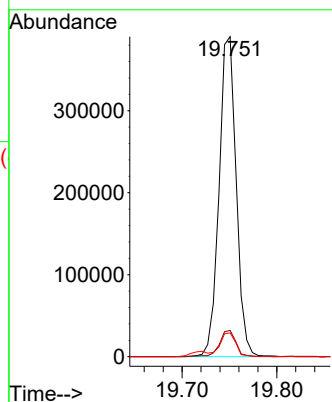
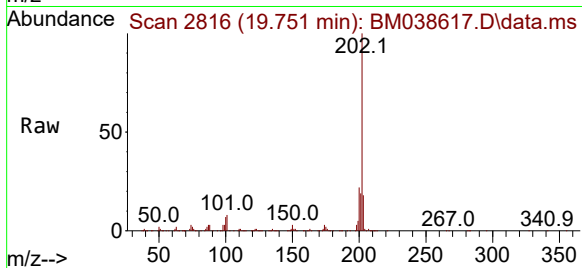
Tgt Ion:202 Resp: 491889

Ion Ratio Lower Upper

202 100

101 8.2 3.3 4.9#

100 7.5 2.8 4.2#



#83

Butylbenzylphthalate

Concen: 83.552 ng/ul

RT: 20.633 min Scan# 2966

Delta R.T. -0.006 min

Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

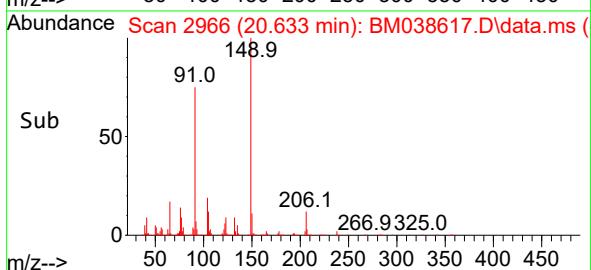
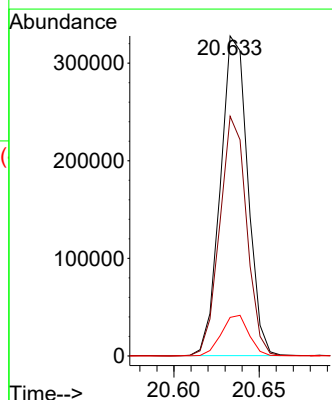
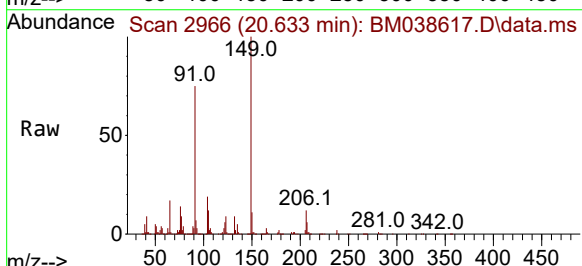
Tgt Ion:149 Resp: 366358

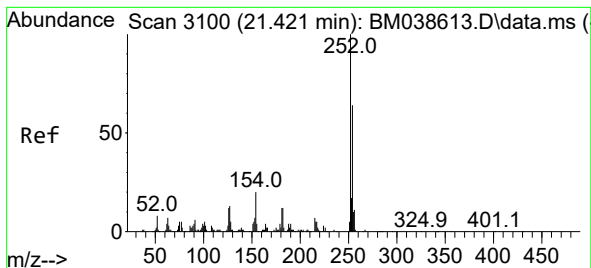
Ion Ratio Lower Upper

149 100

91 74.9 59.0 88.4

206 12.0 19.0 28.6#





#84

3,3'-Dichlorobenzidine

Concen: 38.708 ng/ul

RT: 21.427 min Scan# 3100

Delta R.T. 0.000 min

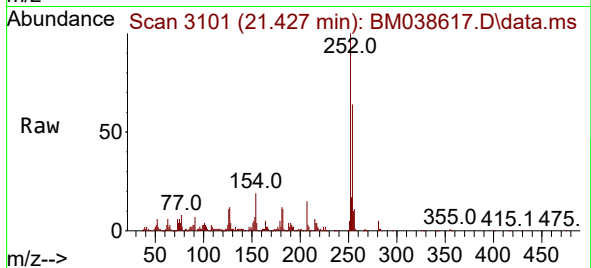
Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

Instrument :

BNA_M

ClientSampleId :



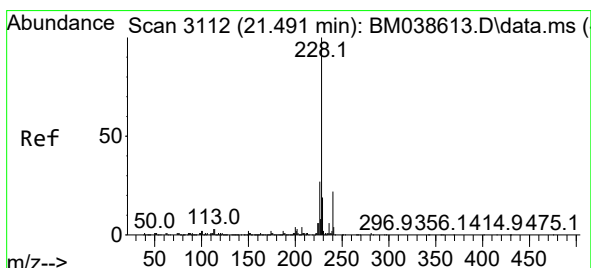
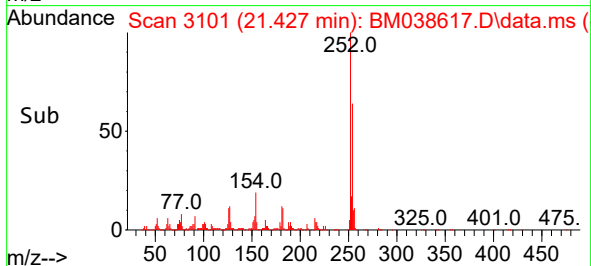
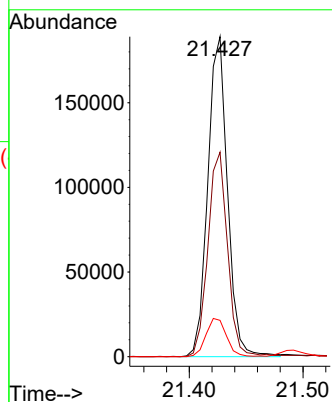
Tgt Ion:252 Resp: 228070

Ion Ratio Lower Upper

252 100

254 63.9 52.7 79.1

126 11.3 5.0 7.4#



#85

Benzo(a)anthracene

Concen: 38.625 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

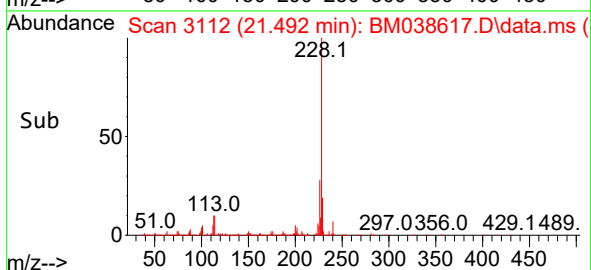
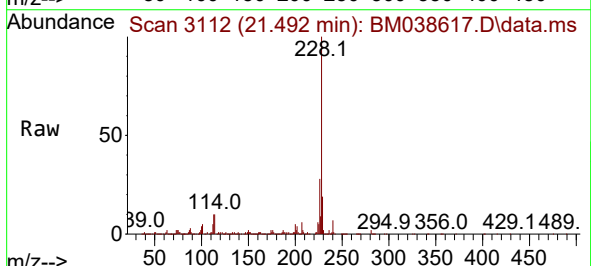
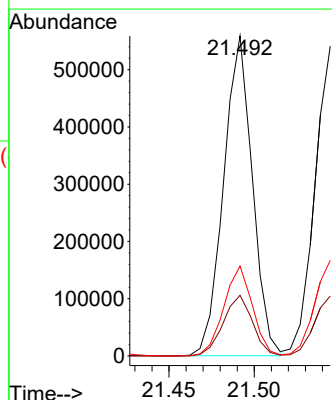
Tgt Ion:228 Resp: 656228

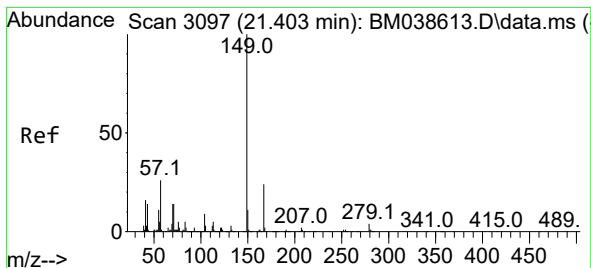
Ion Ratio Lower Upper

228 100

229 19.0 15.8 23.6

226 28.1 22.2 33.4

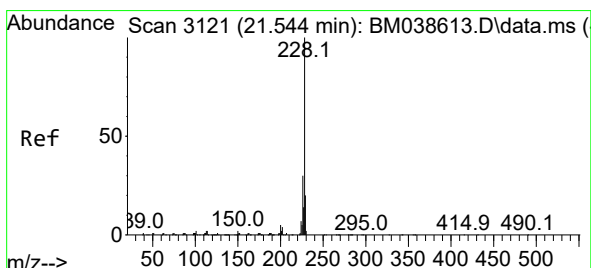
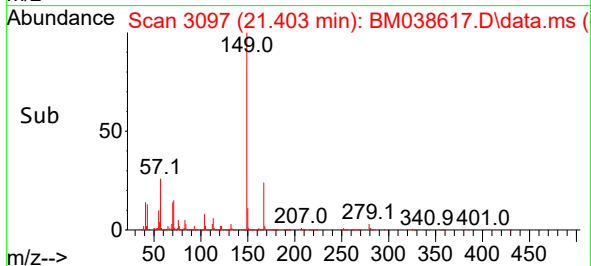
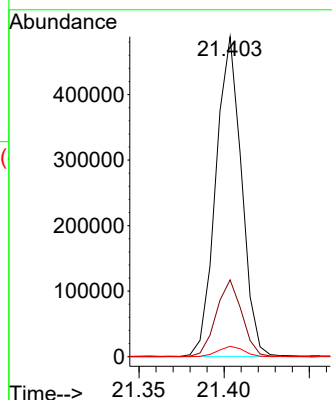
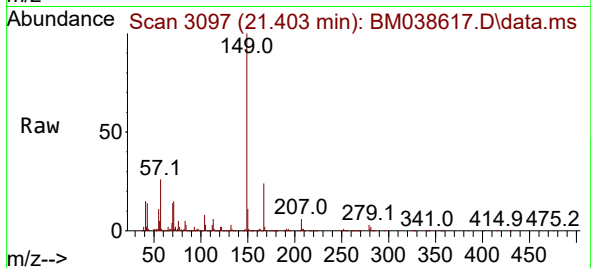




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 81.839 ng/ul
 RT: 21.403 min Scan# 3097
 Delta R.T. 0.000 min
 Lab File: BM038617.D
 Acq: 31 Jan 2023 13:36

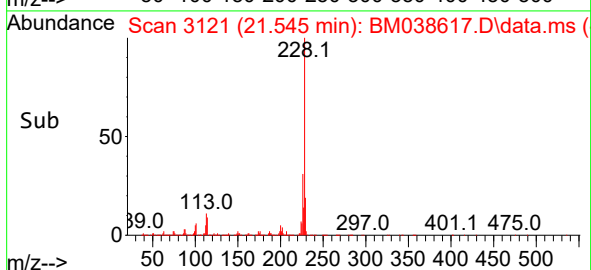
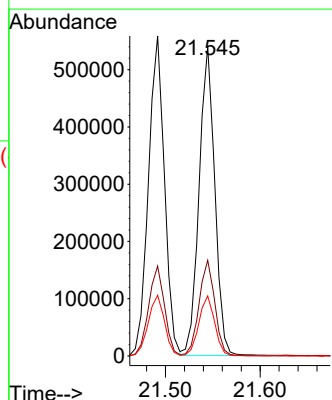
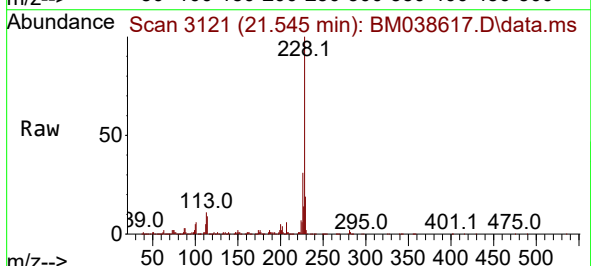
Instrument :
 BNA_M
 ClientSampleId :

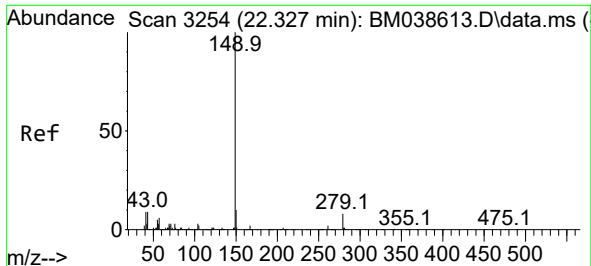
Tgt Ion:149 Resp: 510607
 Ion Ratio Lower Upper
 149 100
 167 24.0 21.0 31.4
 279 3.2 5.1 7.7#



#87
 Chrysene
 Concen: 39.489 ng/ul
 RT: 21.545 min Scan# 3121
 Delta R.T. 0.000 min
 Lab File: BM038617.D
 Acq: 31 Jan 2023 13:36

Tgt Ion:228 Resp: 620997
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.5 36.7
 229 19.4 15.6 23.4

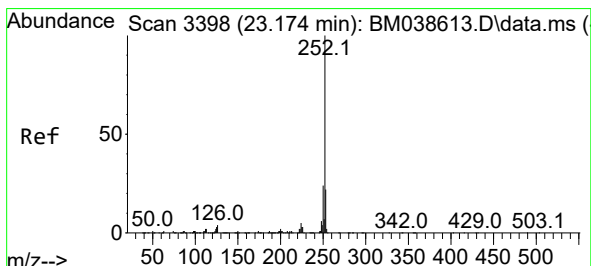
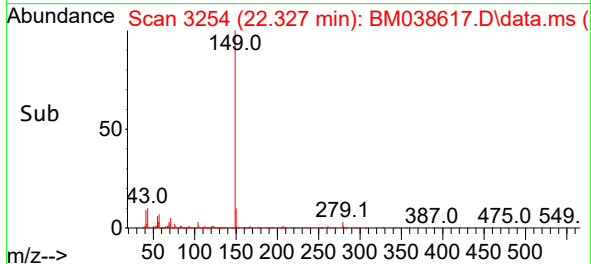
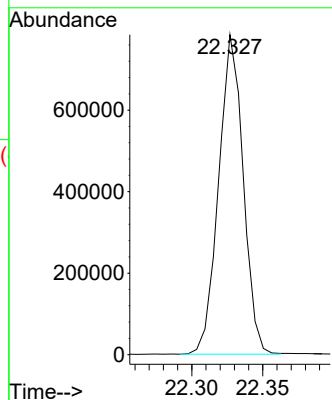
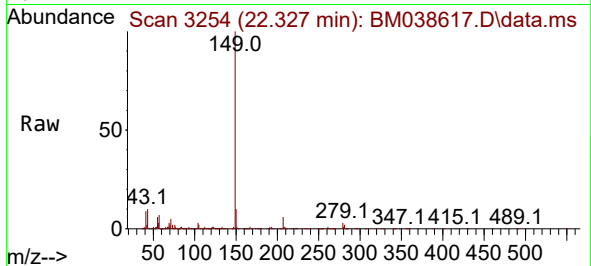




#89
Di-n-octyl phthalate
Concen: 68.289 ng/ul
RT: 22.327 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

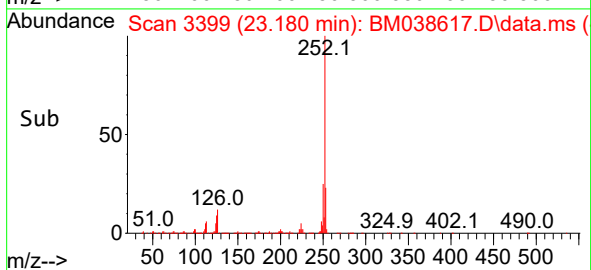
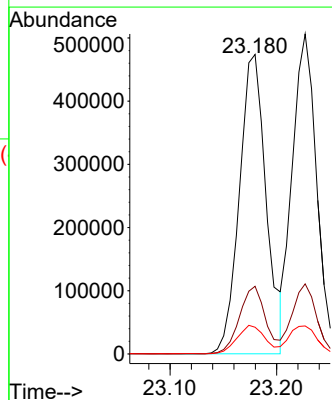
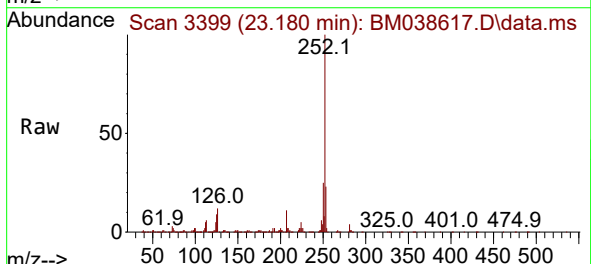
Instrument :
BNA_M
ClientSampleId :

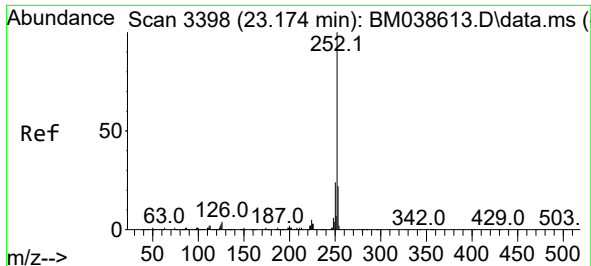
Tgt Ion:149 Resp: 940925



#90
Benzo(b)fluoranthene
Concen: 41.326 ng/ul
RT: 23.180 min Scan# 3399
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion:252 Resp: 831238
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 8.9 2.6 3.8#

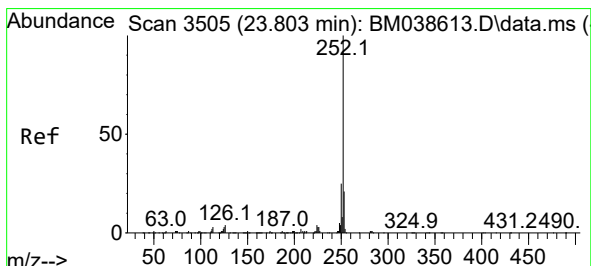
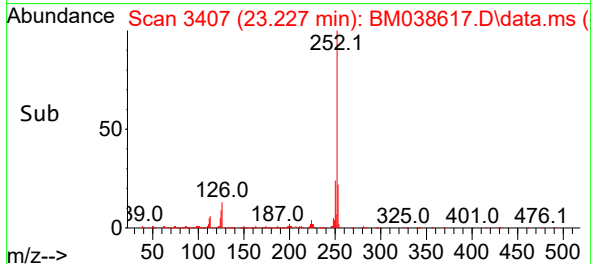
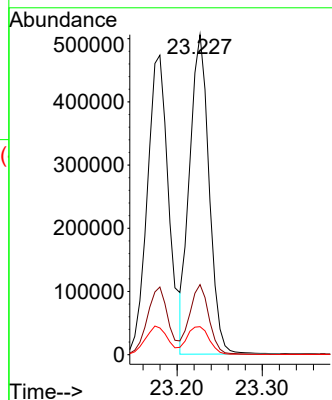
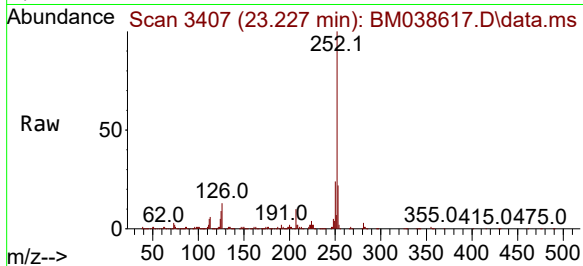




#91
Benzo(k)fluoranthene
Concen: 39.891 ng/ul
RT: 23.227 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

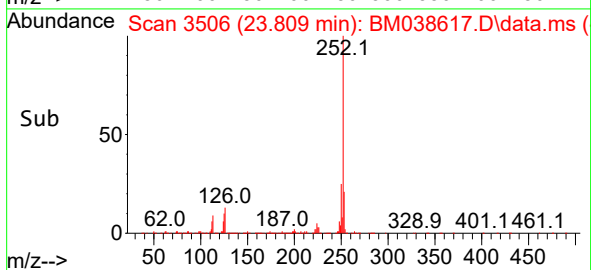
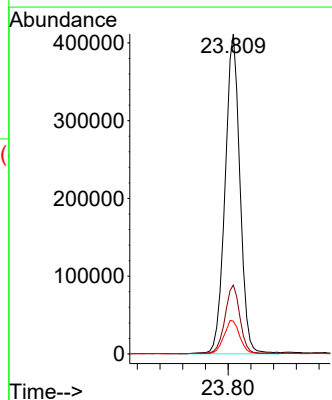
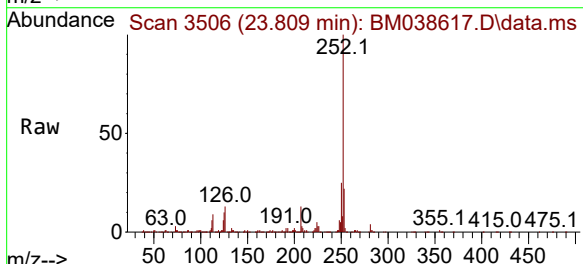
Instrument :
BNA_M
ClientSampleId :

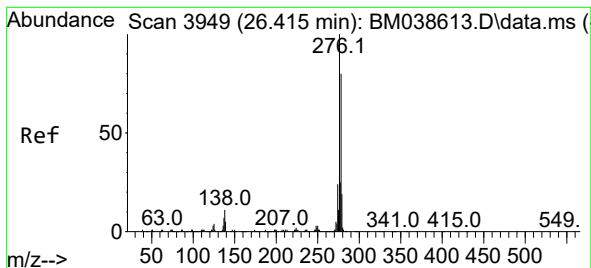
Tgt Ion:252 Resp: 799796
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 8.8 2.6 4.0#



#93
Benzo(a)pyrene
Concen: 40.156 ng/ul
RT: 23.809 min Scan# 3506
Delta R.T. 0.000 min
Lab File: BM038617.D
Acq: 31 Jan 2023 13:36

Tgt Ion:252 Resp: 747980
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 10.3 2.8 4.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 35.243 ng/ul

RT: 26.421 min Scan# 3950

Delta R.T. 0.000 min

Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

Instrument :

BNA_M

ClientSampleId :

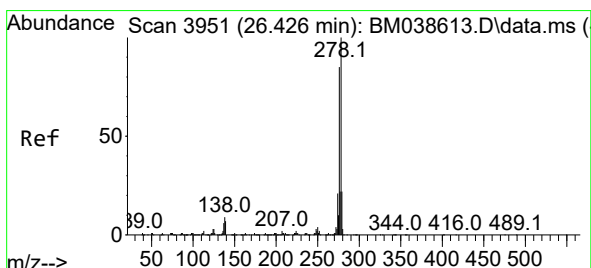
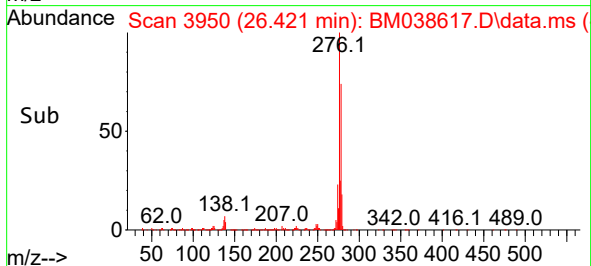
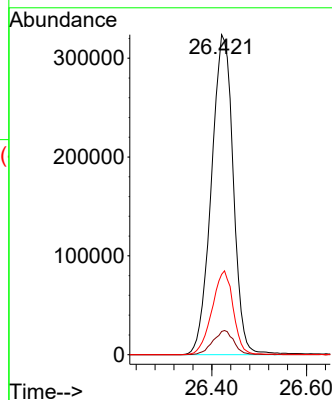
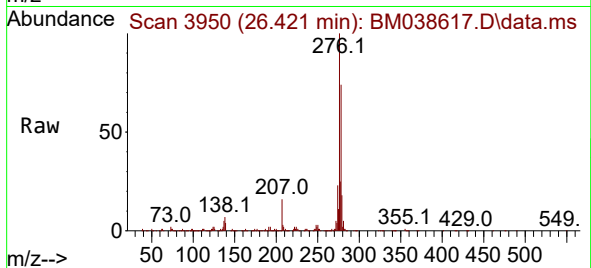
Tgt Ion:276 Resp: 1037682

Ion Ratio Lower Upper

276 100

138 7.3 6.1 9.1

277 25.1 20.5 30.7



#95

Dibenzo(a,h)anthracene

Concen: 35.171 ng/ul

RT: 26.438 min Scan# 3953

Delta R.T. 0.006 min

Lab File: BM038617.D

Acq: 31 Jan 2023 13:36

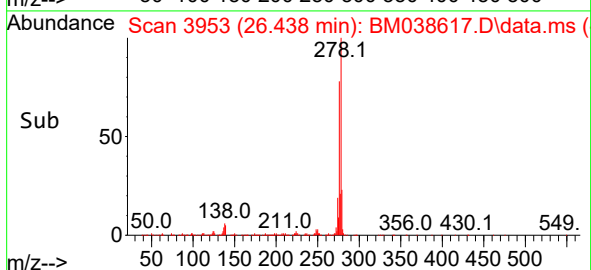
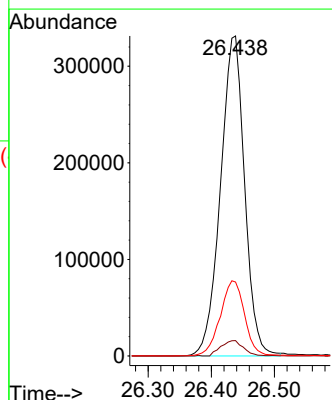
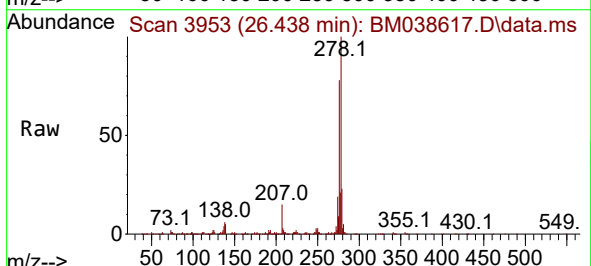
Tgt Ion:278 Resp: 878899

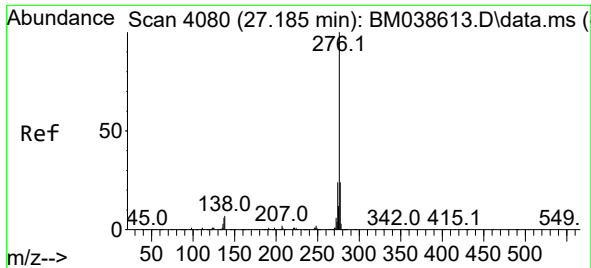
Ion Ratio Lower Upper

278 100

139 4.8 4.3 6.5

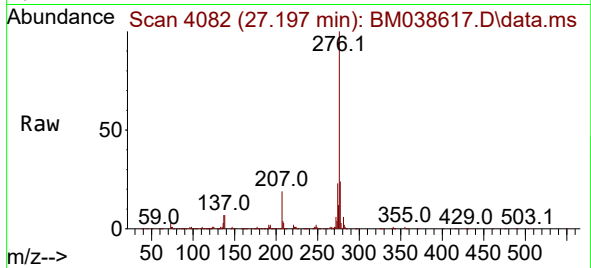
279 23.1 18.9 28.3





#96
 Benzo(g,h,i)perylene
 Concen: 33.826 ng/ul
 RT: 27.197 min Scan# 4082
 Delta R.T. 0.000 min
 Lab File: BM038617.D
 Acq: 31 Jan 2023 13:36

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 808368

Ion	Ratio	Lower	Upper
276	100		
138	7.2	6.0	9.0
277	23.8	19.2	28.8

