

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020623\
 Data File : BM038700.D
 Acq On : 06 Feb 2023 19:45
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV039

Quant Time: Feb 07 01:35:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM020623.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 07 01:33:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	75924	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	324986	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	275220	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	597402	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	446554	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	470412	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	11373	7.983	ng/uL	0.00
4) Pyridine-d5	3.711	84	75191	20.258	ng/u1	0.00
7) Phenol-d5	7.081	99	98110	19.865	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	55250	20.351	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	92140	20.316	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	89554	20.220	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	48146	19.937	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	65709	20.074	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	136475	20.752	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	146822	19.308	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	430942	19.730	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	492041	20.220	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	69396	19.514	ng/u1	0.00
60) Fluorene-d10	15.539	176	378733	20.432	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	74444	20.413	ng/u1	0.00
73) Anthracene-d10	17.392	188	590986	20.962	ng/u1	0.00
81) Pyrene-d10	19.680	212	567730	20.994	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	489910	20.112	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	11758	8.071	ng/uL	95
5) Pyridine	3.734	79	72758	19.503	ng/u1	98
6) Benzaldehyde	7.052	77	47861	24.291	ng/u1	97
8) Phenol	7.110	94	101936	20.660	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.334	93	81965	20.702	ng/u1	98
12) 2-Chlorophenol	7.469	128	96093	21.806	ng/u1	98
13) 2-Methylphenol	8.363	108	84133	20.397	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.434	45	44890	12.925	ng/u1	98
16) Acetophenone	8.740	105	148584	20.763	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.728	70	69927	22.121	ng/u1	99
18) 4-Methylphenol	8.699	108	95882	21.051	ng/u1	95
19) Hexachloroethane	8.981	117	41164	21.527	ng/u1	98
22) Nitrobenzene	9.122	77	107240	20.935	ng/u1	98
23) Isophorone	9.651	82	212125	21.283	ng/u1	99
25) 2-Nitrophenol	9.834	139	71072	21.987	ng/u1	99
26) 2,4-Dimethylphenol	9.899	107	115870	21.242	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.134	93	123853	20.672	ng/u1	98
29) 2,4-Dichlorophenol	10.369	162	137927	21.575	ng/u1	98
30) Naphthalene	10.769	128	336441	20.921	ng/u1	99
32) 4-Chloroaniline	10.887	127	149723	20.095	ng/u1	98
33) Hexachlorobutadiene	11.040	225	72150	21.710	ng/u1	96
34) Caprolactam	11.681	113	19321	12.939	ng/u1	97
35) 4-Chloro-3-methylphenol	12.016	107	107341	21.549	ng/u1	96
36) 2-Methylnaphthalene	12.375	142	277472	22.016	ng/u1	99

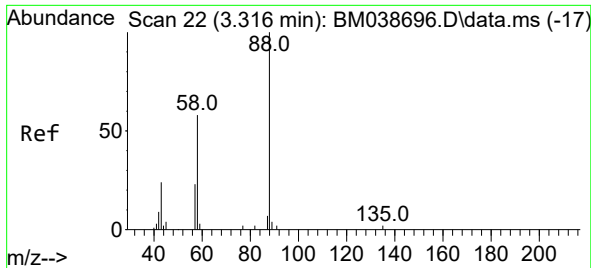
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	279597	21.499	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.739	216	136957	21.174	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	62110	16.845	ng/ul	94
41) 2,4,6-Trichlorophenol	12.992	196	110169	21.152	ng/ul	99
42) 2,4,5-Trichlorophenol	13.063	196	117600	20.717	ng/ul	96
43) 1,1'-Biphenyl	13.387	154	412606	20.339	ng/ul	98
44) 2-Chloronaphthalene	13.428	162	346486	21.035	ng/ul	98
45) 2-Nitroaniline	13.645	65	67056	21.360	ng/ul	95
47) Dimethylphthalate	14.010	163	450737	20.835	ng/ul	99
48) 2,6-Dinitrotoluene	14.139	165	89793	20.919	ng/ul	98
50) Acenaphthylene	14.275	152	522235	20.688	ng/ul	99
51) 3-Nitroaniline	14.469	138	75885	21.409	ng/ul	91
52) Acenaphthene	14.610	153	375111	20.999	ng/ul	100
53) 2,4-Dinitrophenol	14.681	184	50411	19.088	ng/ul	97
55) 4-Nitrophenol	14.786	109	63233	20.425	ng/ul	95
56) Dibenzofuran	14.945	168	530776	20.833	ng/ul	100
57) 2,4-Dinitrotoluene	14.928	165	134563	21.699	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.175	232	90245	21.012	ng/ul	91
59) Diethylphthalate	15.369	149	457997	21.197	ng/ul	100
61) Fluorene	15.592	166	451868	21.256	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.586	204	195507	21.269	ng/ul	99
63) 4-Nitroaniline	15.633	138	58333	21.331	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.686	198	72908	20.625	ng/ul	98
67) N-Nitrosodiphenylamine	15.804	169	377177	21.327	ng/ul	99
68) 4-Bromophenyl-phenylether	16.480	248	117712	21.034	ng/ul	98
69) Hexachlorobenzene	16.592	284	153257	21.489	ng/ul	99
70) Atrazine	16.757	200	128003	19.950	ng/ul	98
71) Pentachlorophenol	16.945	266	85379	19.434	ng/ul	98
72) Phenanthrene	17.333	178	712129	21.267	ng/ul	100
74) Anthracene	17.427	178	739762	21.713	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.351	216	138581	21.423	ng/ul	97
76) Pentachlorobenzene	14.863	250	170429	23.232	ng/ul	97
77) Carbazole	17.704	167	664203	21.089	ng/ul	99
78) Di-n-butylphthalate	18.251	149	878482	21.493	ng/ul	100
80) Fluoranthene	19.345	202	746599	21.914	ng/ul	100
82) Pyrene	19.710	202	773771	21.695	ng/ul	99
83) Butylbenzylphthalate	20.598	149	370542	20.945	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.386	252	220708	20.732	ng/ul	99
85) Benzo(a)anthracene	21.451	228	635014	20.487	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.368	149	541523	20.625	ng/ul	100
87) Chrysene	21.504	228	572276	19.984	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	856610	17.729	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	609813	19.830	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	598677	19.695	ng/ul	99
93) Benzo(a)pyrene	23.745	252	520882	20.239	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.327	276	641187	19.646	ng/ul	98
95) Dibenzo(a,h)anthracene	26.339	278	585072	21.427	ng/ul	97
96) Benzo(g,h,i)perylene	27.086	276	565021	22.001	ng/ul	99

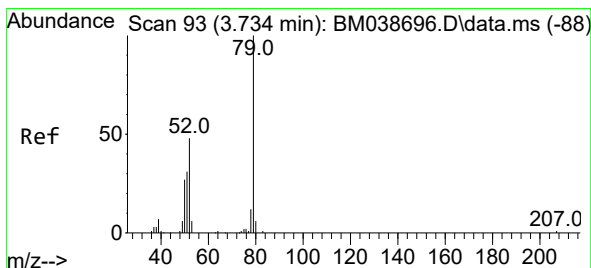
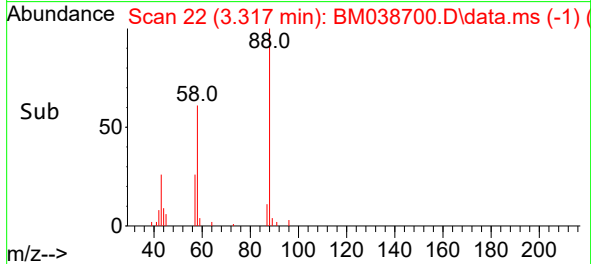
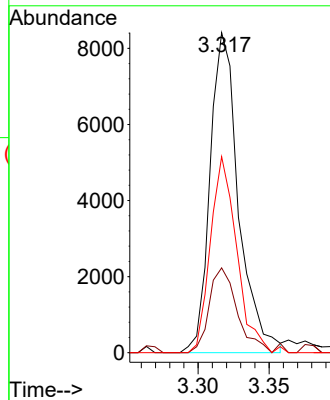
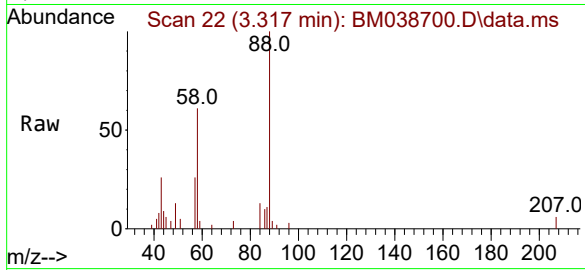
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#2
1,4-Dioxane
Concen: 8.071 ng/uL
RT: 3.317 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

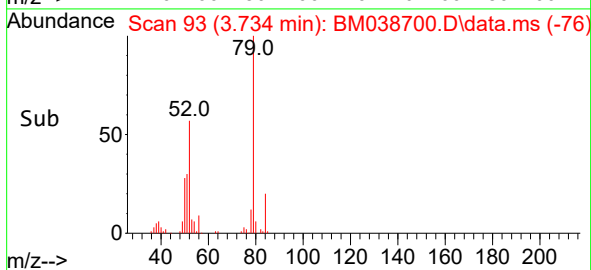
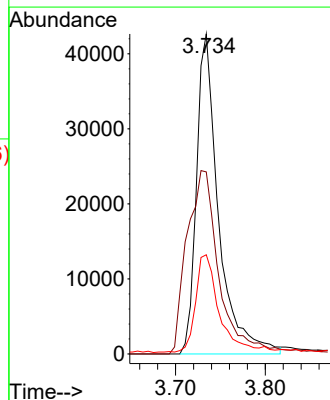
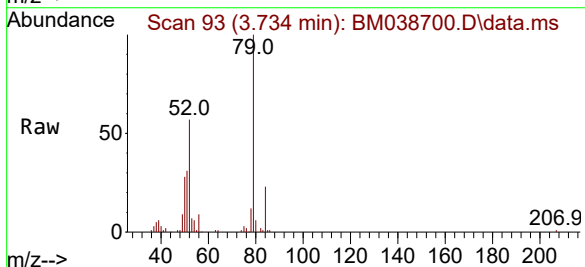
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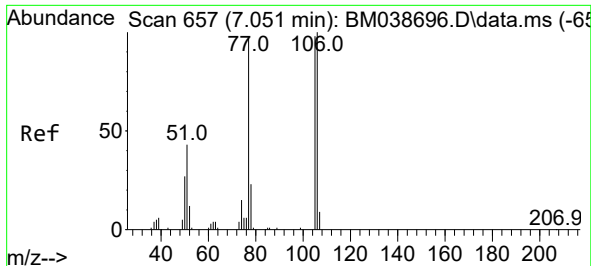
Tgt Ion: 88	Resp: 11758
Ion Ratio	Lower Upper
88 100	
43 26.5	20.6 30.8
58 61.3	45.4 68.2



#5
Pyridine
Concen: 19.503 ng/uL
RT: 3.734 min Scan# 93
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion: 79	Resp: 72758
Ion Ratio	Lower Upper
79 100	
52 56.9	46.8 70.2
51 31.0	25.5 38.3

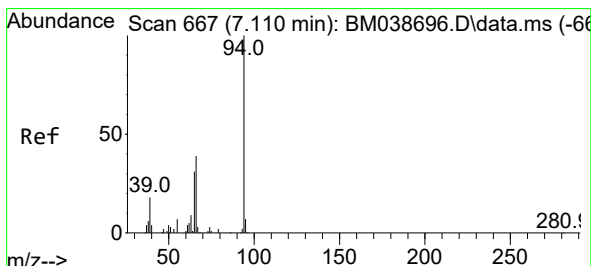
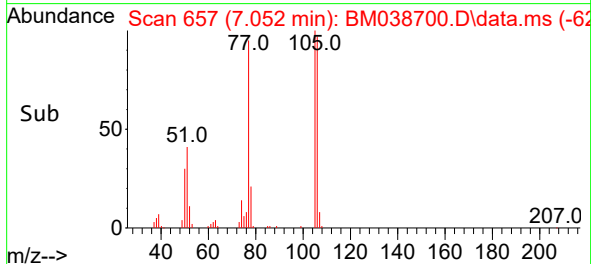
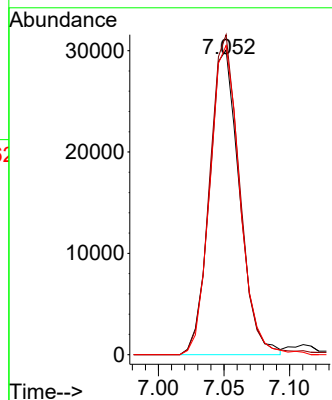
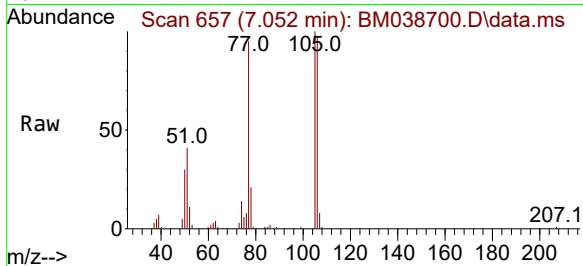




#6
Benzaldehyde
Concen: 24.291 ng/ul
RT: 7.052 min Scan# 657
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

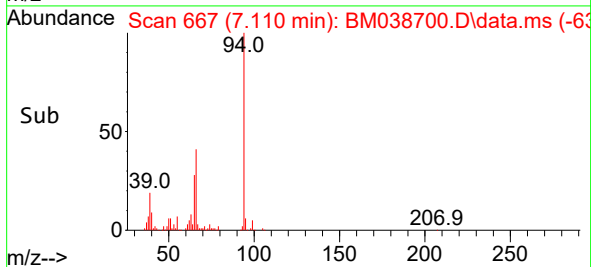
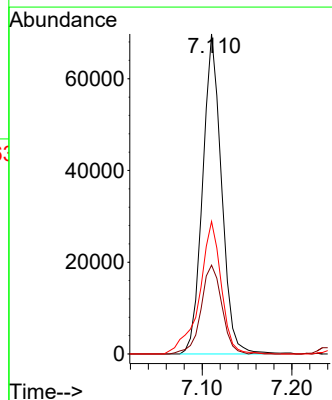
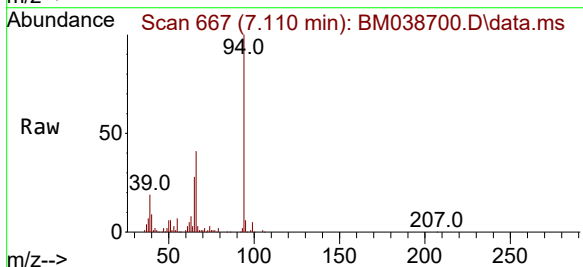
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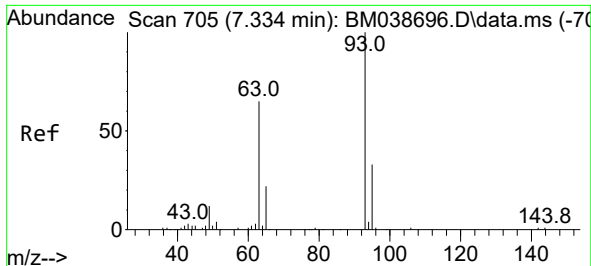
Tgt Ion: 77 Resp: 47861
Ion Ratio Lower Upper
77 100
105 105.0 80.6 121.0
106 101.5 82.3 123.5



#8
Phenol
Concen: 20.660 ng/ul
RT: 7.110 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion: 94 Resp: 101936
Ion Ratio Lower Upper
94 100
65 27.7 25.7 38.5
66 41.4 34.3 51.5

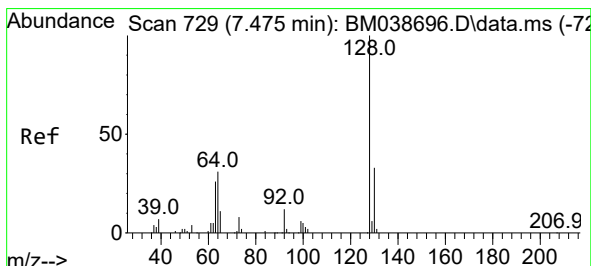
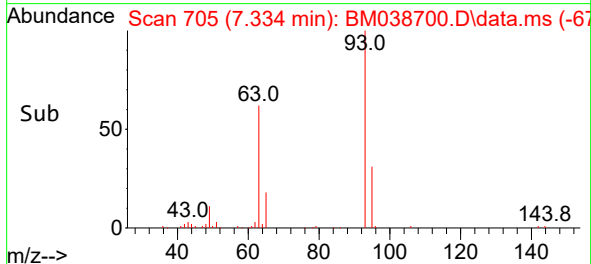
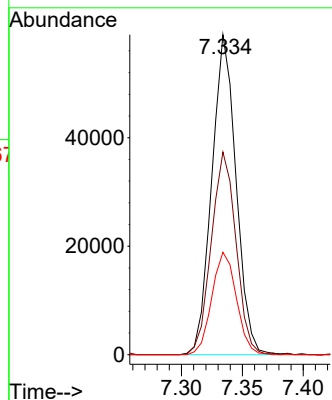
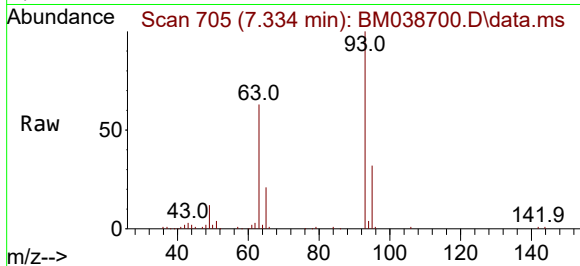




#10
Bis(2-Chloroethyl)ether
Concen: 20.702 ng/ul
RT: 7.334 min Scan# 705
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

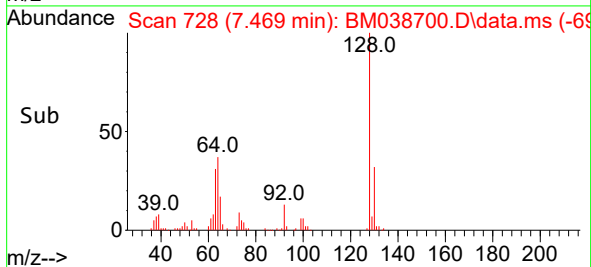
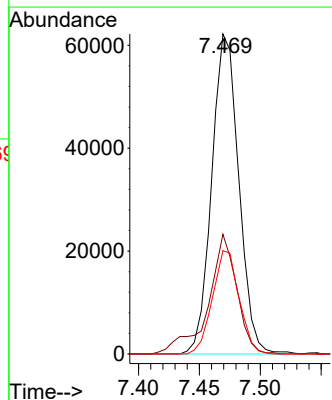
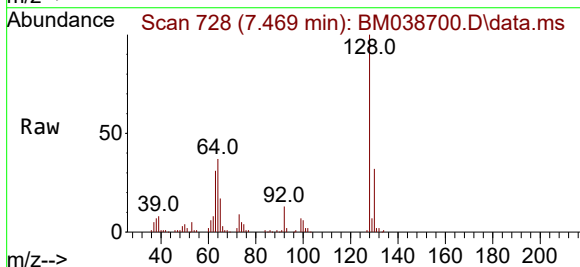
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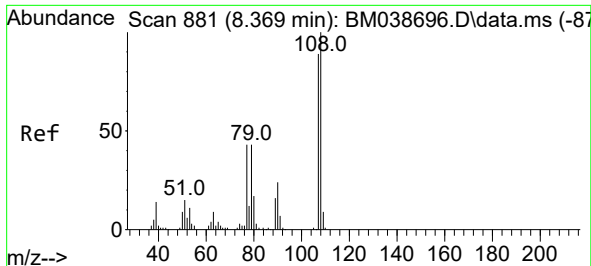
Tgt Ion:	93	Resp:	81965
Ion	Ratio	Lower	Upper
93	100		
63	63.4	51.7	77.5
95	32.0	26.5	39.7



#12
2-Chlorophenol
Concen: 21.806 ng/ul
RT: 7.469 min Scan# 728
Delta R.T. -0.006 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:	128	Resp:	96093
Ion	Ratio	Lower	Upper
128	100		
64	37.4	28.8	43.2
130	32.3	26.3	39.5





#13

2-Methylphenol

Concen: 20.397 ng/ul

RT: 8.363 min Scan# 881

Delta R.T. -0.006 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

Instrument :

BNA_M

ClientSampleId :

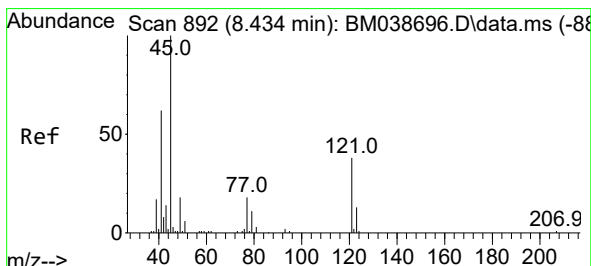
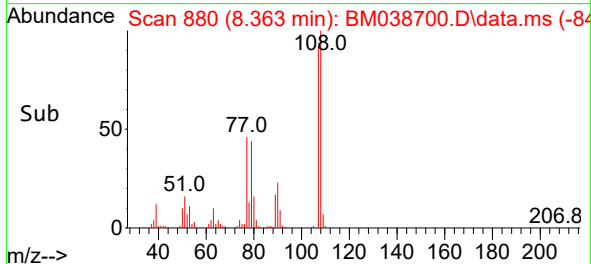
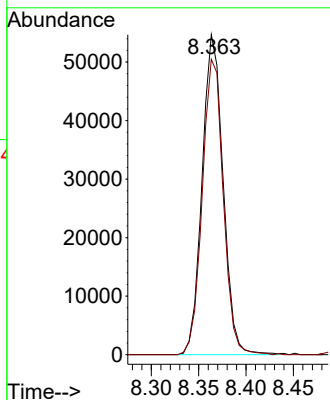
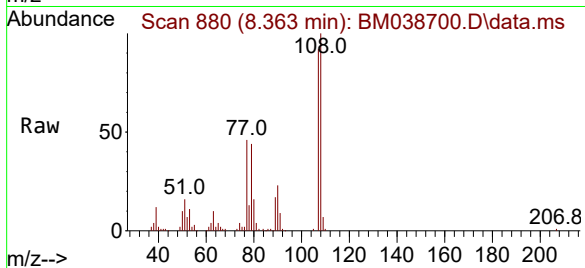
SICV039

Tgt Ion:108 Resp: 84133

Ion Ratio Lower Upper

108 100

107 92.3 71.6 107.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 12.925 ng/ul

RT: 8.434 min Scan# 892

Delta R.T. 0.000 min

Lab File: BM038700.D

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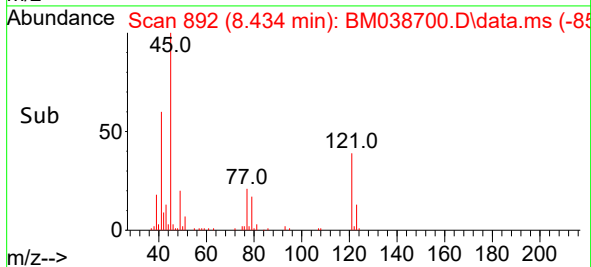
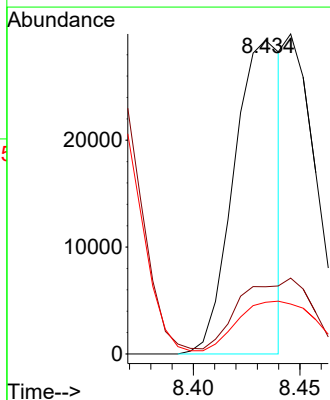
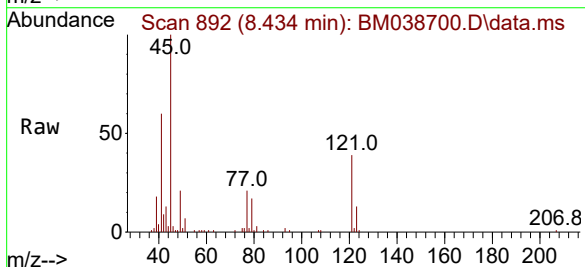
Tgt Ion: 45 Resp: 44890

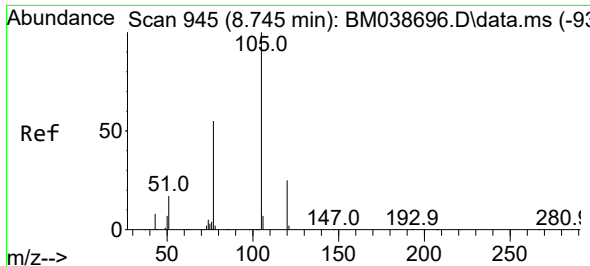
Ion Ratio Lower Upper

45 100

77 21.4 18.2 27.2

79 16.5 12.6 19.0

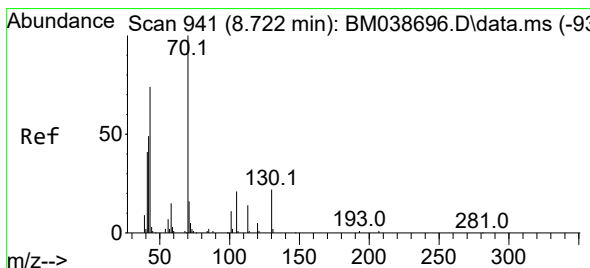
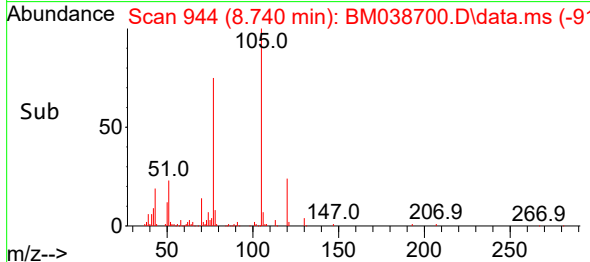
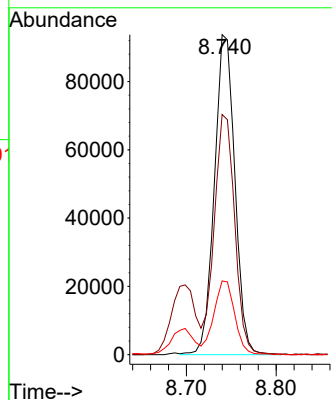
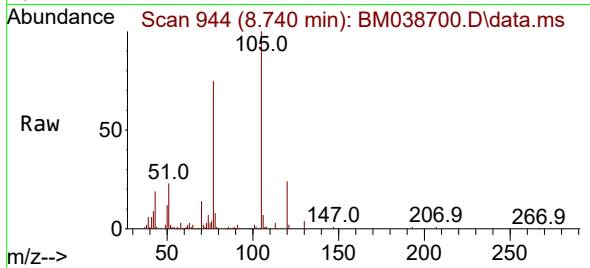




#16
Acetophenone
Concen: 20.763 ng/ul
RT: 8.740 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

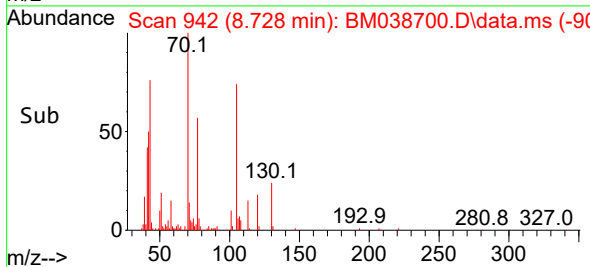
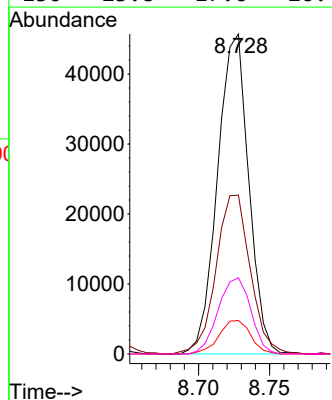
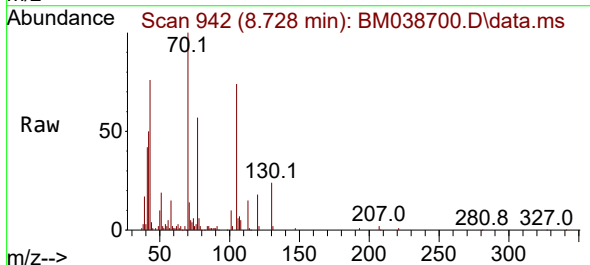
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SICV039

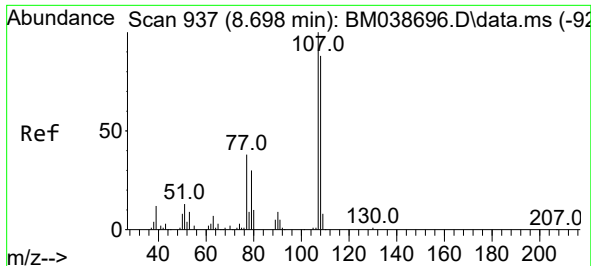
Tgt Ion:105 Resp: 148584
Ion Ratio Lower Upper
105 100
77 75.1 59.8 89.6
51 23.0 18.2 27.2



#17
N-Nitroso-di-n-propylamine
Concen: 22.121 ng/ul
RT: 8.728 min Scan# 942
Delta R.T. 0.006 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion: 70 Resp: 69927
Ion Ratio Lower Upper
70 100
42 49.7 40.1 60.1
101 10.5 8.4 12.6
130 23.8 17.6 26.4





#18

4-Methylphenol

Concen: 21.051 ng/ul

RT: 8.699 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

Instrument :

BNA_M

ClientSampleId :

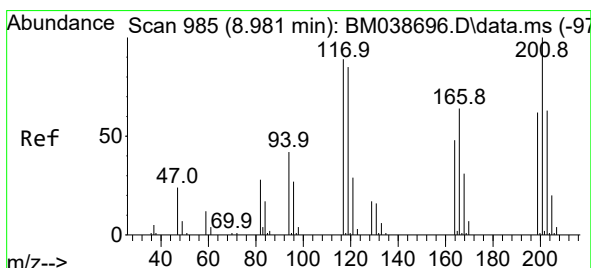
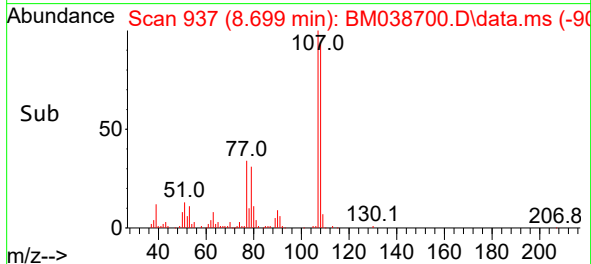
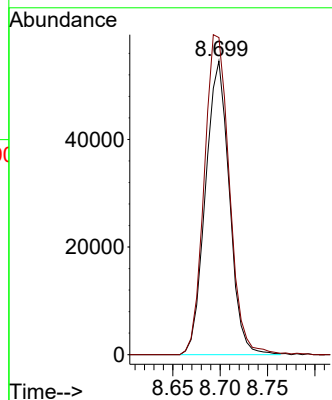
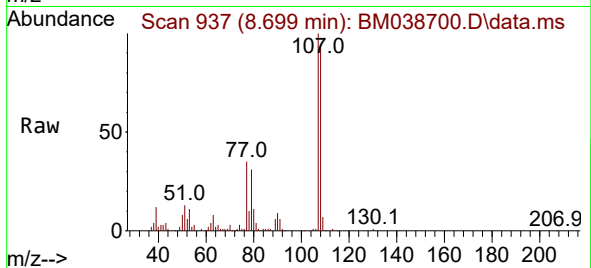
SICV039

Tgt Ion:108 Resp: 95882

Ion Ratio Lower Upper

108 100

107 108.0 90.9 136.3



#19

Hexachloroethane

Concen: 21.527 ng/ul

RT: 8.981 min Scan# 985

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

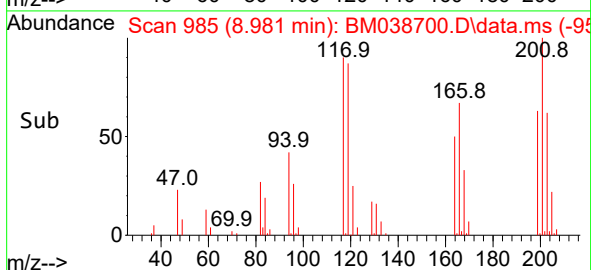
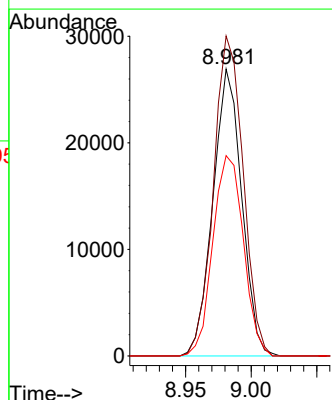
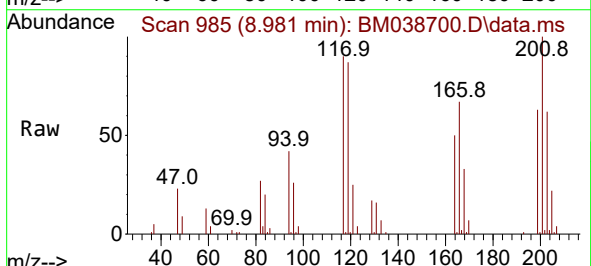
Tgt Ion:117 Resp: 41164

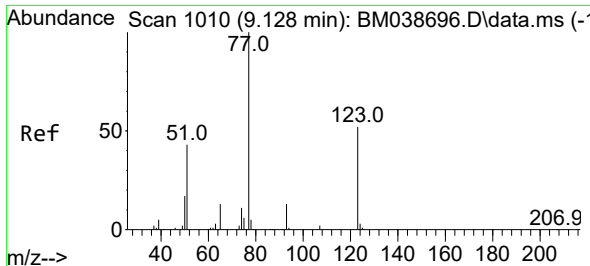
Ion Ratio Lower Upper

117 100

201 111.5 91.8 137.8

199 69.8 55.8 83.8

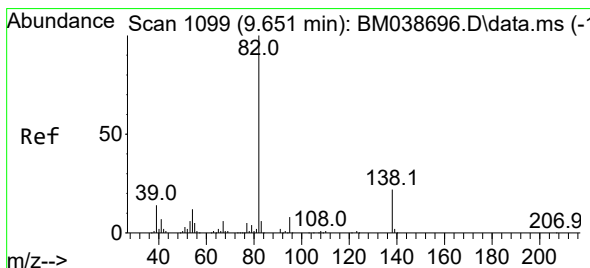
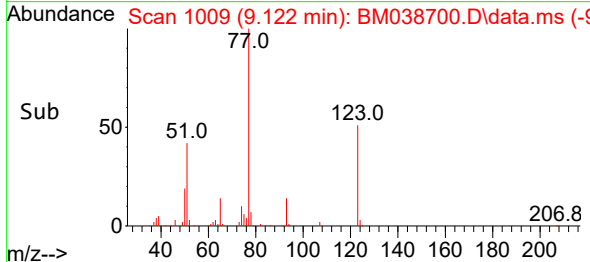
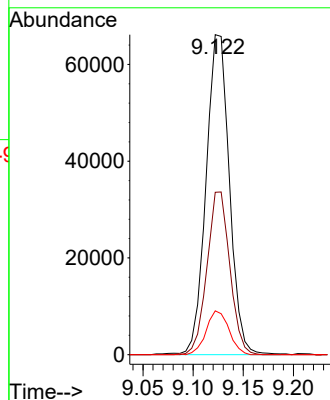
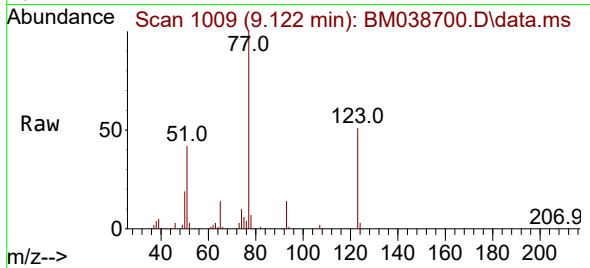




#22
Nitrobenzene
Concen: 20.935 ng/ul
RT: 9.122 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

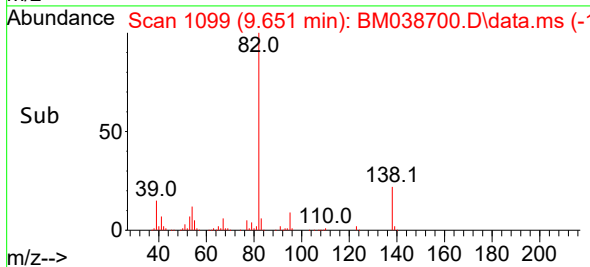
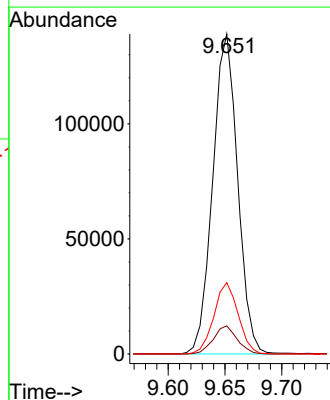
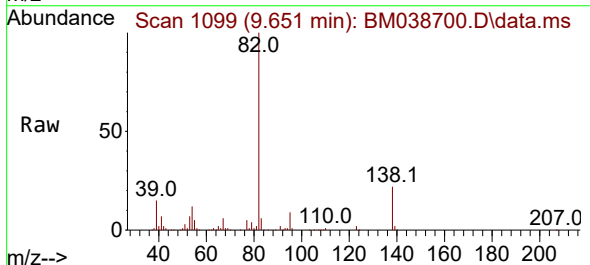
Instrument :
BNA_M
ClientSampleId :
SICV039

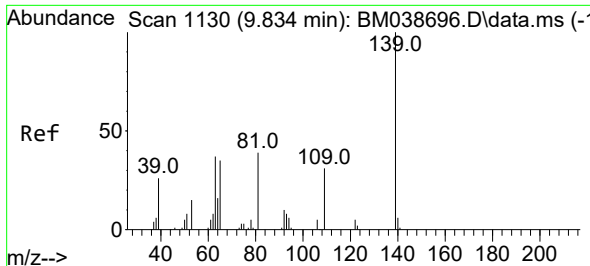
Tgt Ion: 77 Resp: 107240
Ion Ratio Lower Upper
77 100
123 50.7 41.7 62.5
65 13.7 10.4 15.6



#23
Isophorone
Concen: 21.283 ng/ul
RT: 9.651 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion: 82 Resp: 212125
Ion Ratio Lower Upper
82 100
95 8.8 6.7 10.1
138 22.3 17.6 26.4

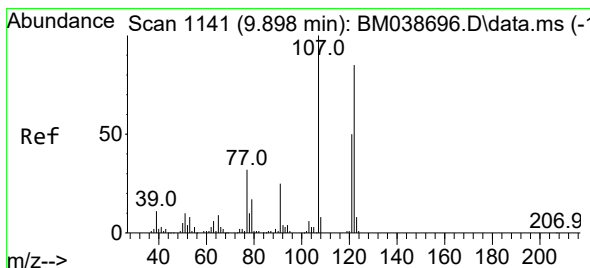
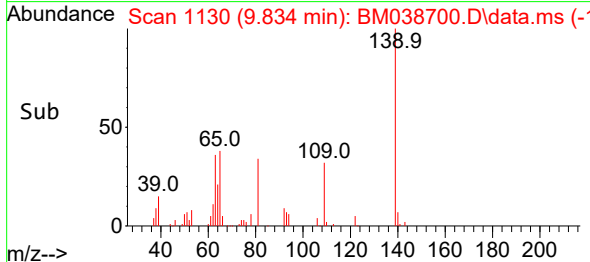
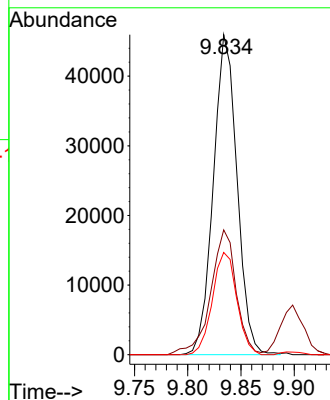
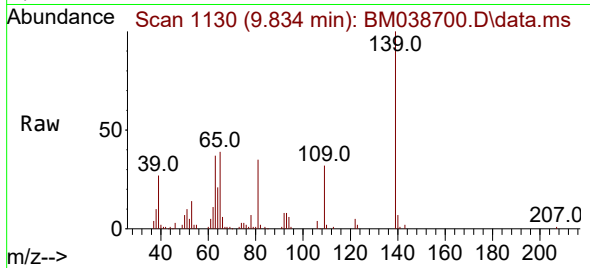




#25
2-Nitrophenol
Concen: 21.987 ng/ul
RT: 9.834 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

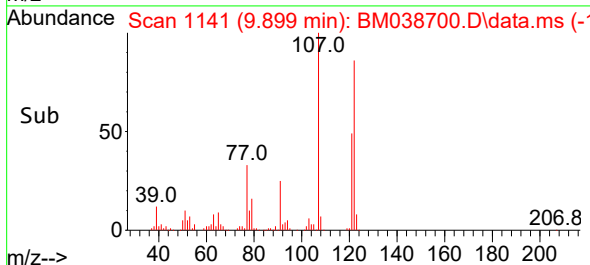
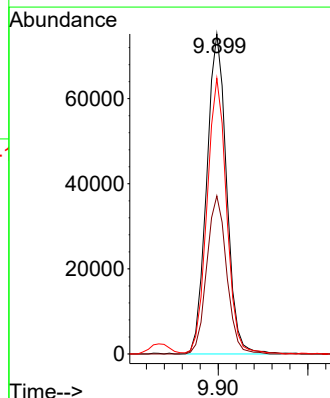
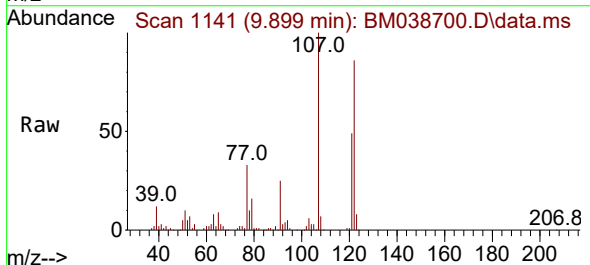
Instrument :
BNA_M
ClientSampleId :
SICV039

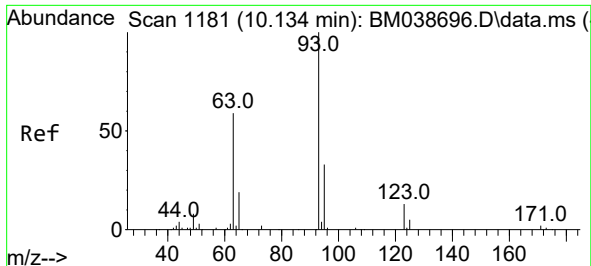
Tgt Ion:	139	Resp:	71072
Ion Ratio	Lower	Upper	
139	100		
65	39.0	31.0	46.4
109	31.9	24.8	37.2



#26
2,4-Dimethylphenol
Concen: 21.242 ng/ul
RT: 9.899 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:	107	Resp:	115870
Ion Ratio	Lower	Upper	
107	100		
121	49.4	39.9	59.9
122	86.1	68.2	102.2





#27

Bis(2-Chloroethoxy)methane

Concen: 20.672 ng/ul

RT: 10.134 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SICV039

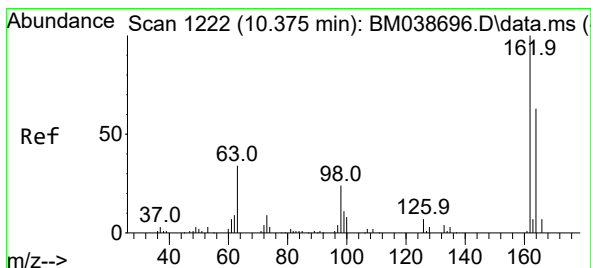
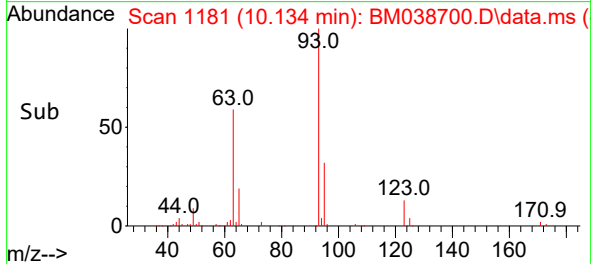
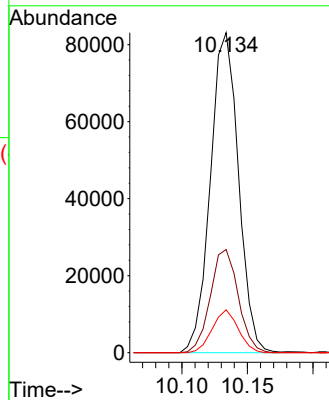
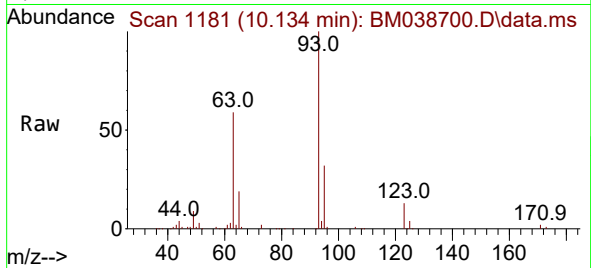
Tgt Ion: 93 Resp: 123853

Ion Ratio Lower Upper

93 100

95 32.2 26.7 40.1

123 13.4 10.2 15.2



#29

2,4-Dichlorophenol

Concen: 21.575 ng/ul

RT: 10.369 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

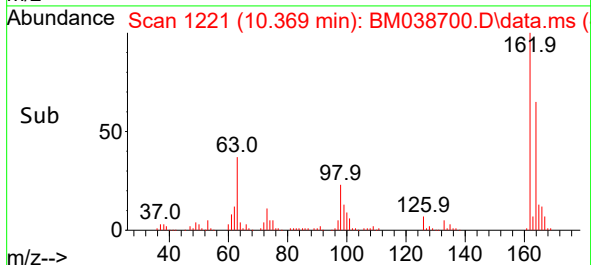
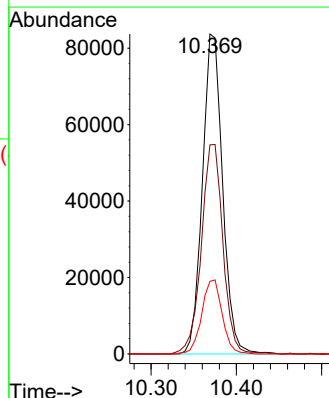
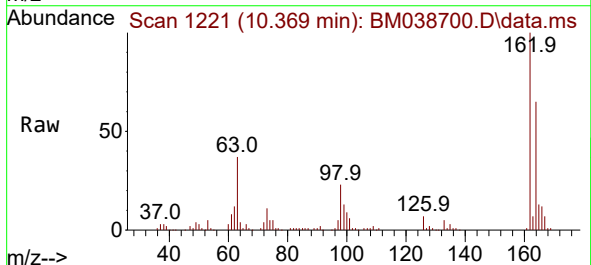
Tgt Ion:162 Resp: 137927

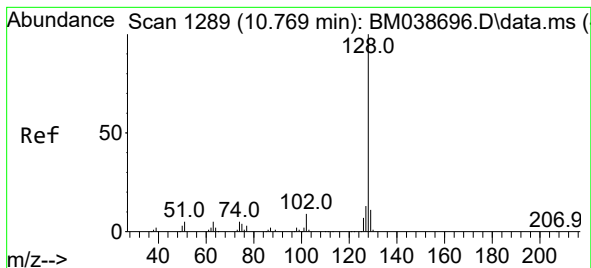
Ion Ratio Lower Upper

162 100

164 65.4 51.4 77.2

98 22.7 19.4 29.0

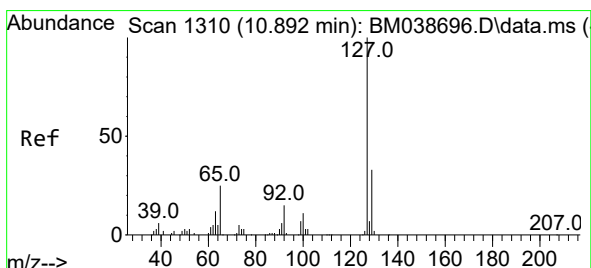
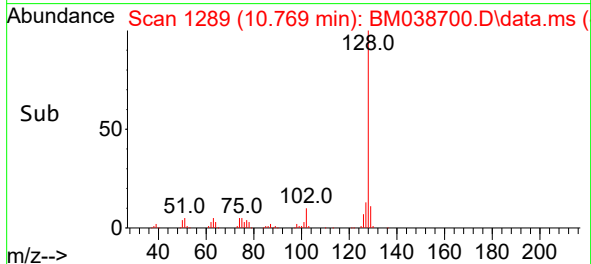
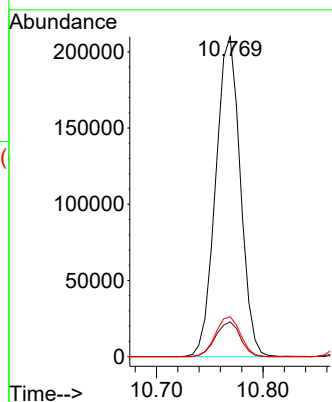
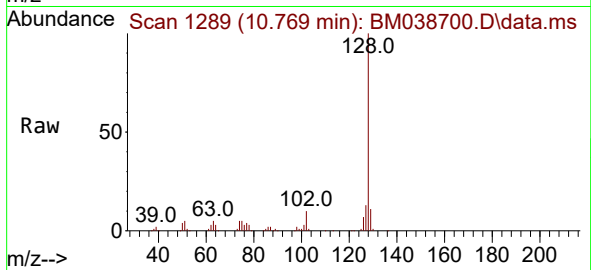




#30
Naphthalene
Concen: 20.921 ng/ul
RT: 10.769 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

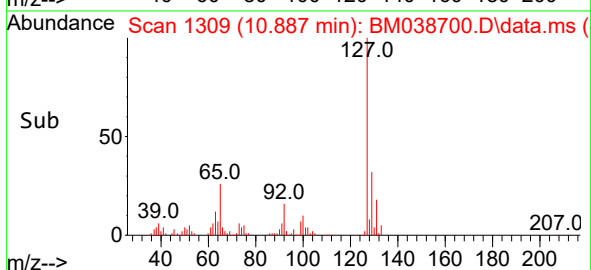
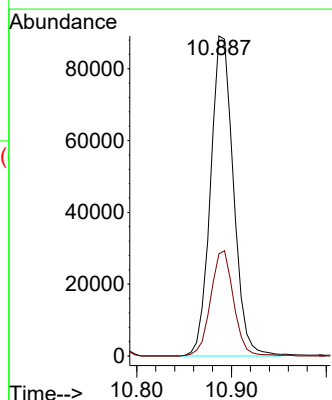
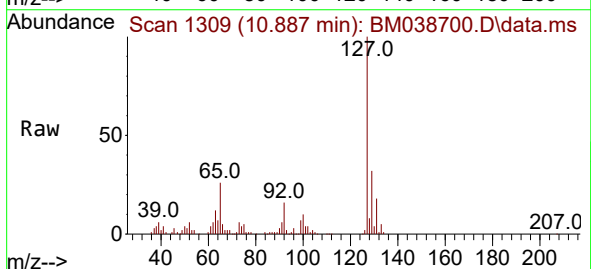
Instrument :
BNA_M
ClientSampleId :
SICV039

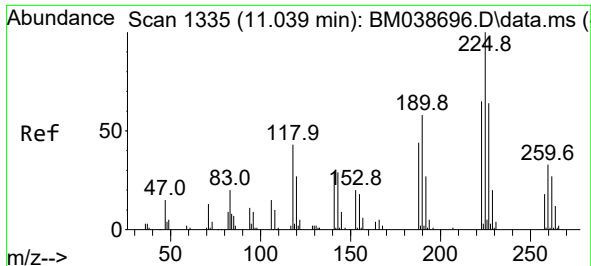
Tgt Ion:128 Resp: 336441
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.5 10.6 15.8



#32
4-Chloroaniline
Concen: 20.095 ng/ul
RT: 10.887 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:127 Resp: 149723
Ion Ratio Lower Upper
127 100
129 31.9 26.3 39.5

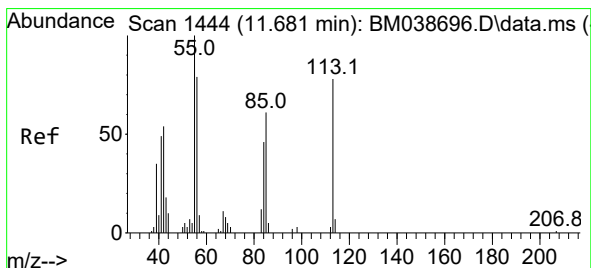
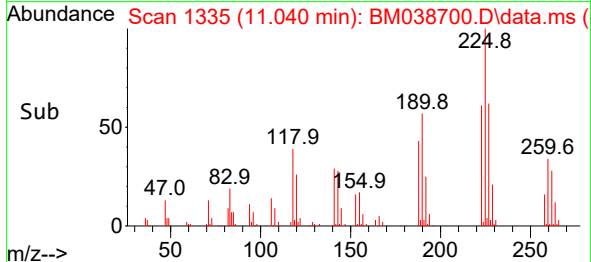
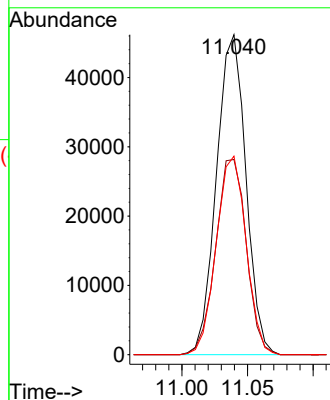
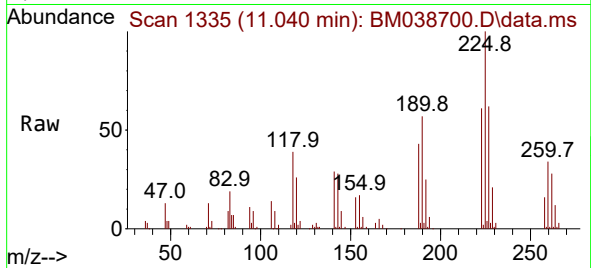




#33
Hexachlorobutadiene
Concen: 21.710 ng/ul
RT: 11.040 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

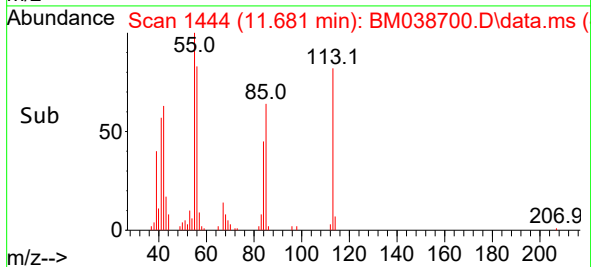
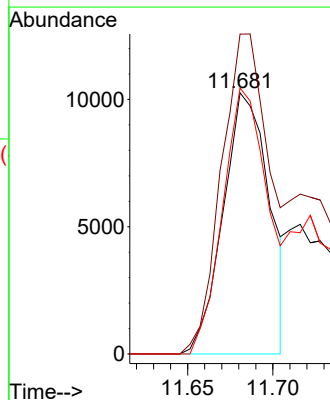
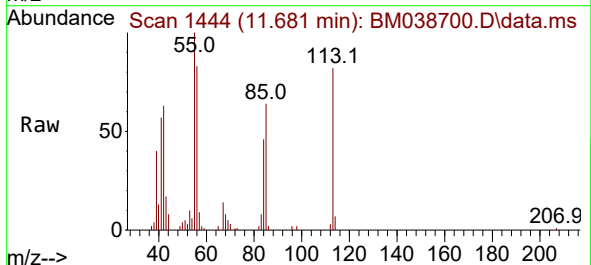
Instrument :
BNA_M
ClientSampleId :
SICV039

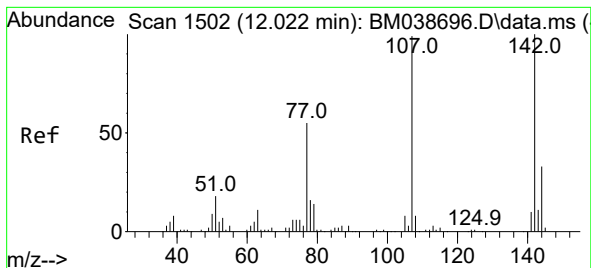
Tgt Ion:225 Resp: 72150
Ion Ratio Lower Upper
225 100
223 61.0 51.9 77.9
227 62.1 51.4 77.2



#34
Caprolactam
Concen: 12.939 ng/ul
RT: 11.681 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:113 Resp: 19321
Ion Ratio Lower Upper
113 100
55 122.4 102.9 154.3
56 101.8 81.8 122.6

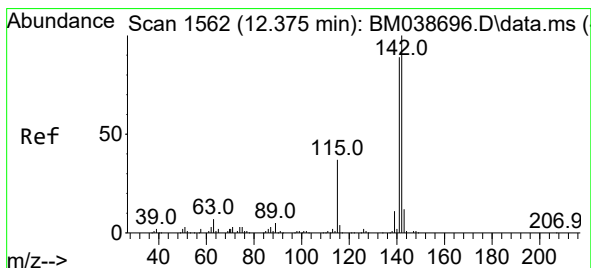
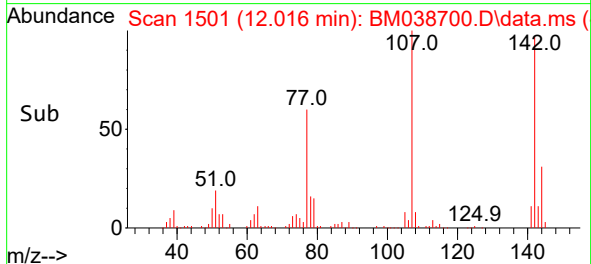
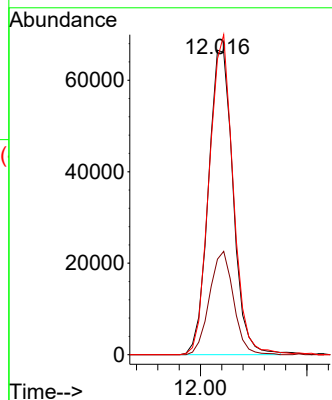
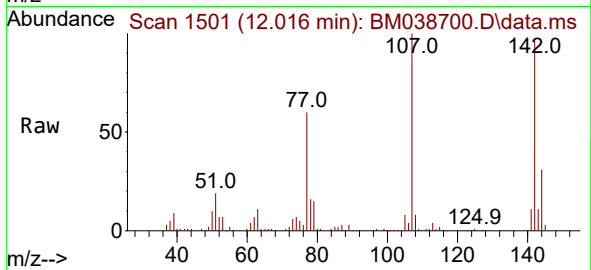




#35
4-Chloro-3-methylphenol
Concen: 21.549 ng/ul
RT: 12.016 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

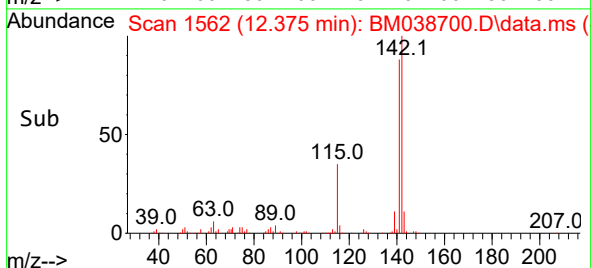
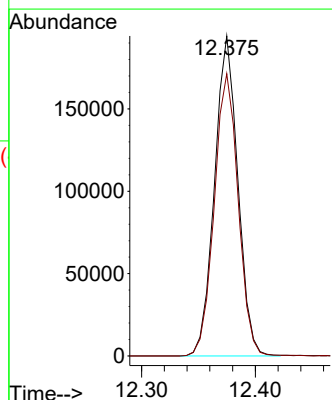
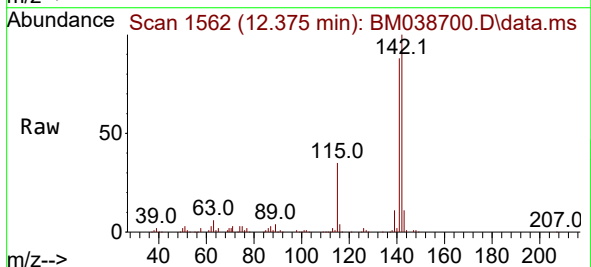
Instrument :
BNA_M
ClientSampleId :
SICV039

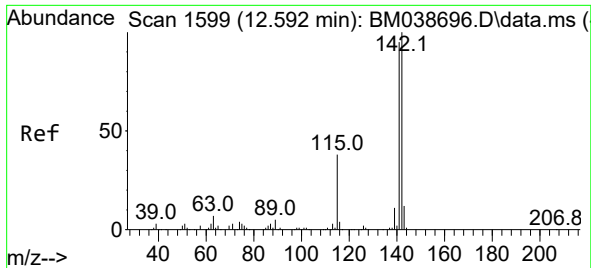
Tgt Ion:107 Resp: 107341
Ion Ratio Lower Upper
107 100
144 31.4 27.1 40.7
142 97.2 81.0 121.6



#36
2-Methylnaphthalene
Concen: 22.016 ng/ul
RT: 12.375 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:142 Resp: 277472
Ion Ratio Lower Upper
142 100
141 88.2 71.3 106.9

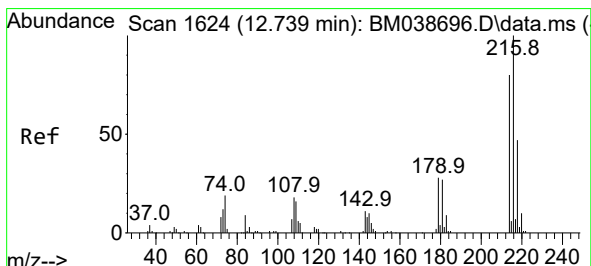
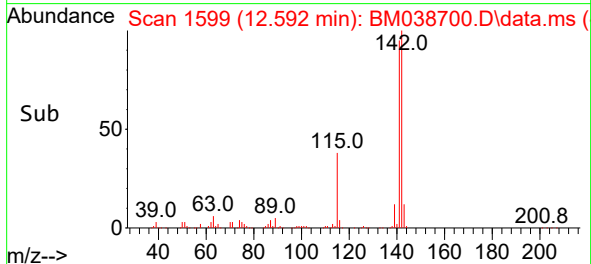
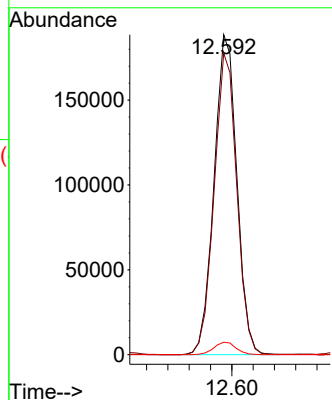
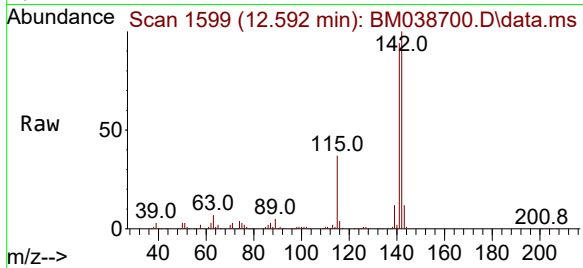




#37
1-Methylnaphthalene
Concen: 21.499 ng/ul
RT: 12.592 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

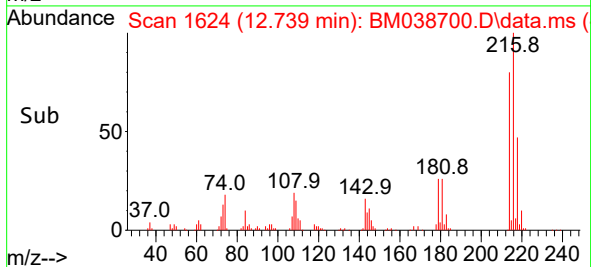
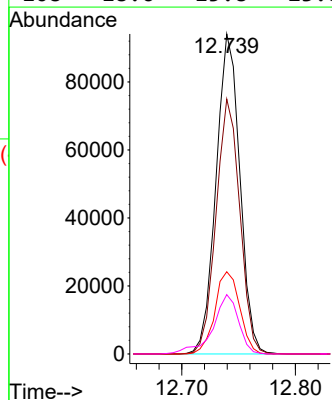
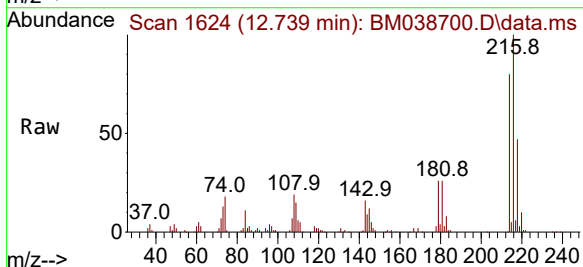
Instrument :
BNA_M
ClientSampleId :
SICV039

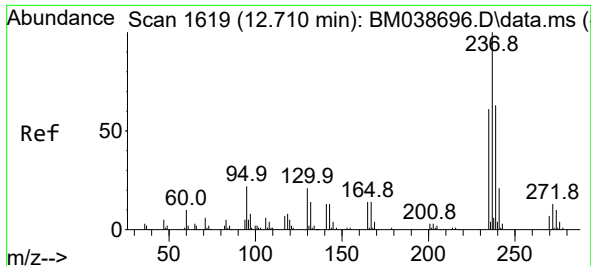
Tgt Ion:142 Resp: 279597
Ion Ratio Lower Upper
142 100
141 94.2 76.2 114.4
116 3.9 3.3 4.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 21.174 ng/ul
RT: 12.739 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:216 Resp: 136957
Ion Ratio Lower Upper
216 100
214 79.6 63.9 95.9
179 25.7 22.2 33.4
108 18.6 15.8 23.8

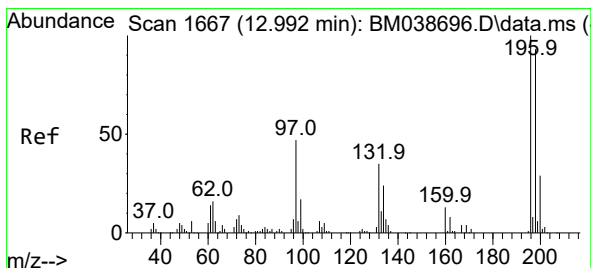
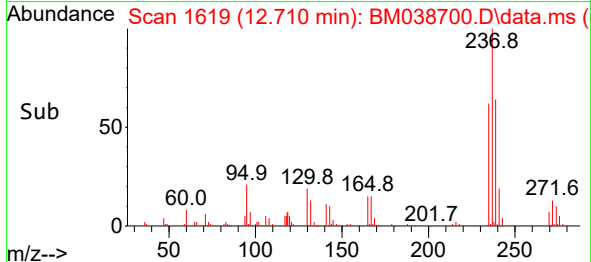
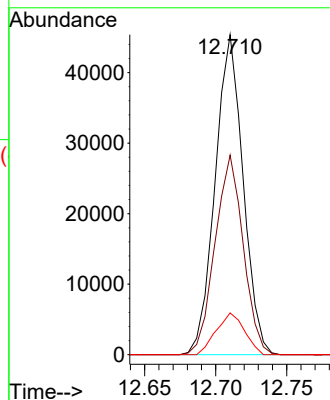
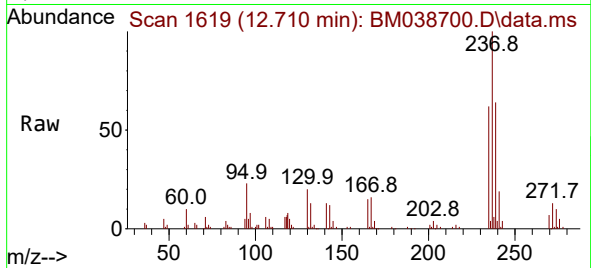




#40
Hexachlorocyclopentadiene
Concen: 16.845 ng/ul
RT: 12.710 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

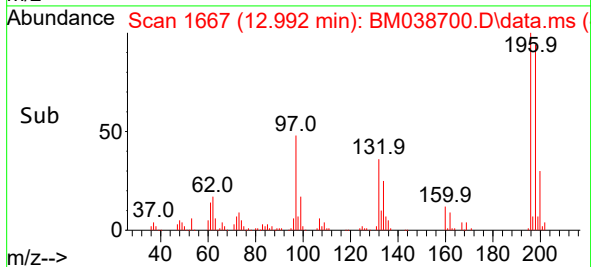
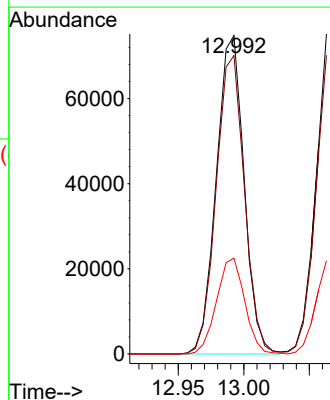
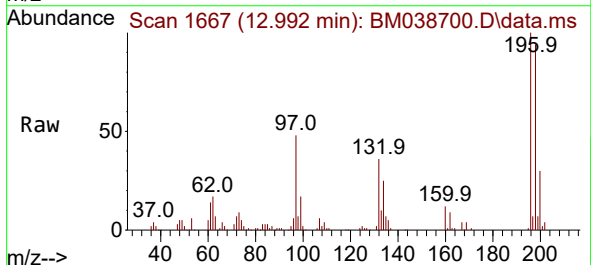
Instrument :
BNA_M
ClientSampleId :
SICV039

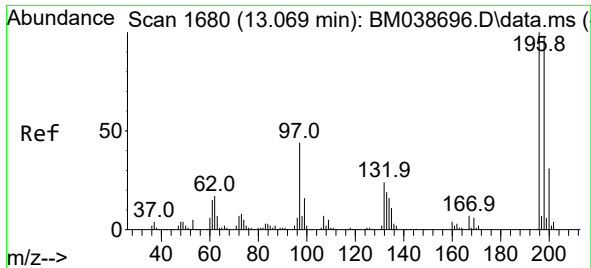
Tgt Ion:237 Resp: 62110
Ion Ratio Lower Upper
237 100
235 62.4 45.7 68.5
272 14.0 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 21.152 ng/ul
RT: 12.992 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:196 Resp: 110169
Ion Ratio Lower Upper
196 100
198 93.7 74.2 111.2
200 30.1 23.3 34.9

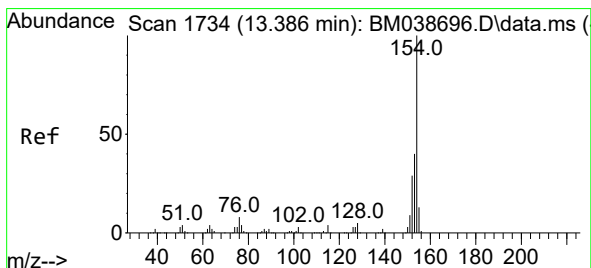
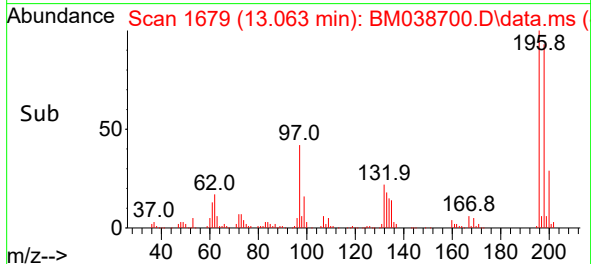
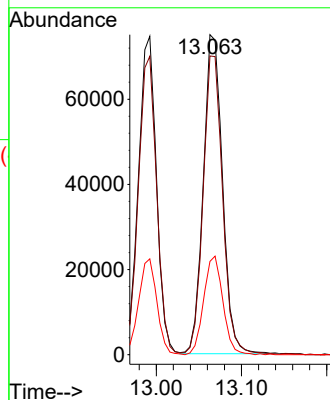
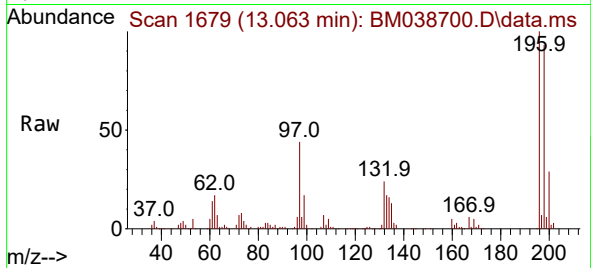




#42
2,4,5-Trichlorophenol
Concen: 20.717 ng/ul
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

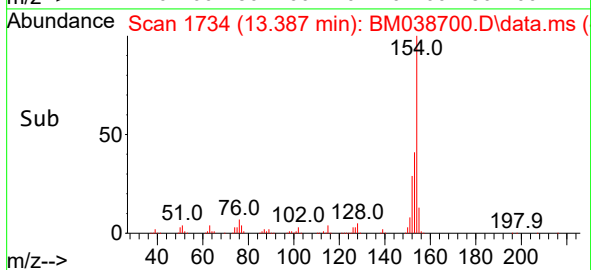
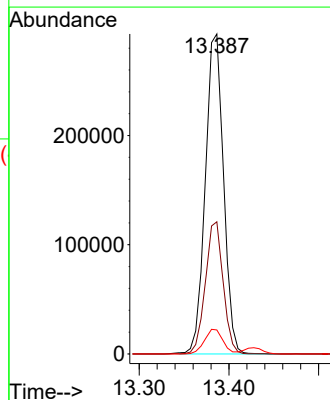
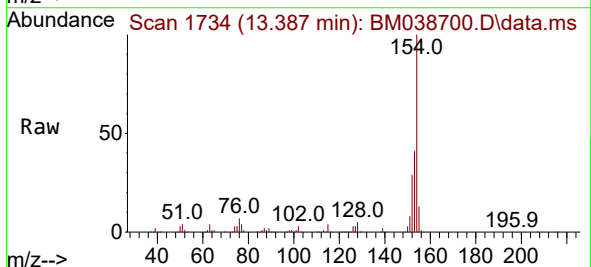
Instrument :
BNA_M
ClientSampleId :
SICV039

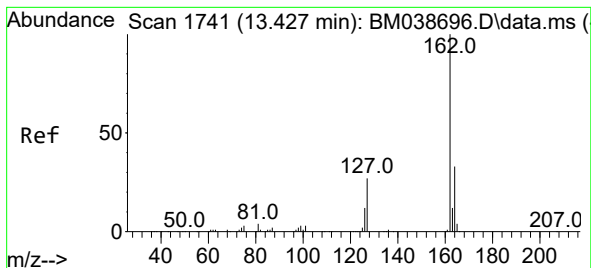
Tgt Ion:196 Resp: 117600
Ion Ratio Lower Upper
196 100
198 93.4 78.1 117.1
200 29.2 24.3 36.5



#43
1,1'-Biphenyl
Concen: 20.339 ng/ul
RT: 13.387 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:154 Resp: 412606
Ion Ratio Lower Upper
154 100
153 41.3 31.9 47.9
76 7.5 6.2 9.2





#44

2-Chloronaphthalene

Concen: 21.035 ng/ul

RT: 13.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SICV039

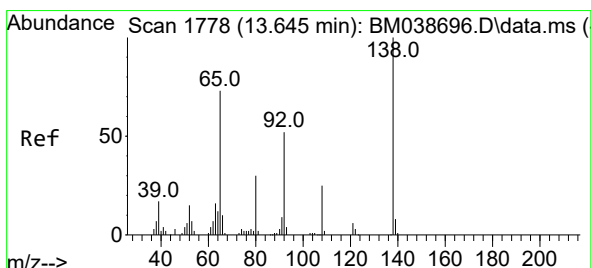
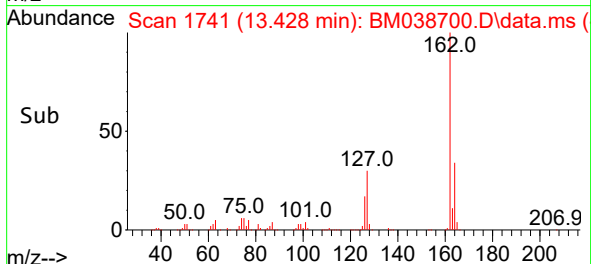
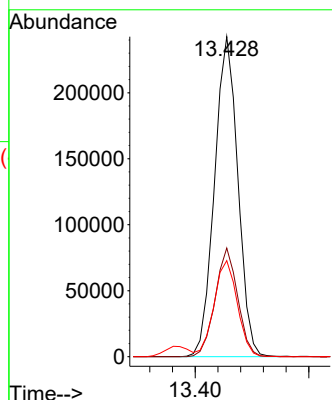
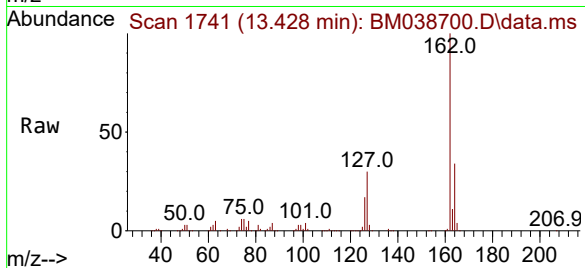
Tgt Ion:162 Resp: 346486

Ion Ratio Lower Upper

162 100

164 34.0 26.2 39.2

127 30.0 24.4 36.6



#45

2-Nitroaniline

Concen: 21.360 ng/ul

RT: 13.645 min Scan# 1778

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

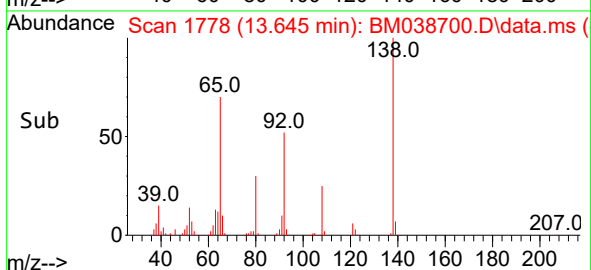
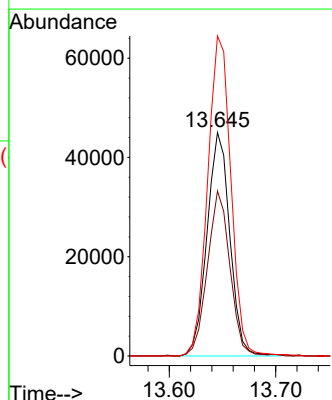
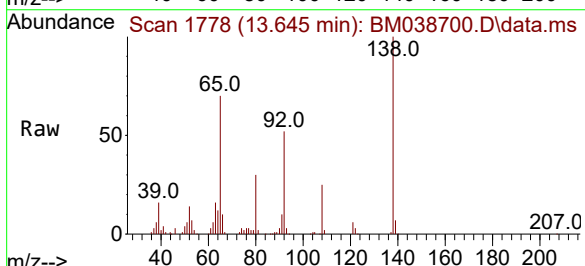
Tgt Ion: 65 Resp: 67056

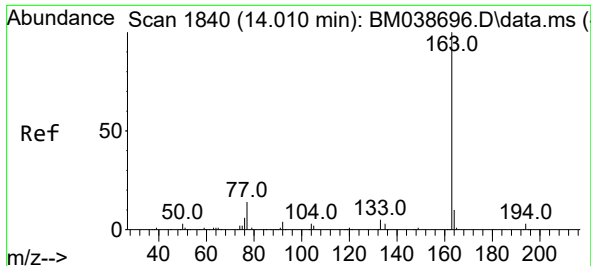
Ion Ratio Lower Upper

65 100

92 73.8 56.5 84.7

138 143.1 108.6 162.8

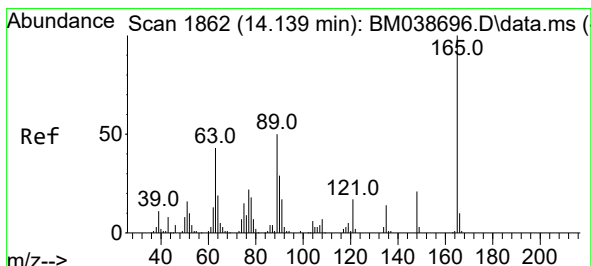
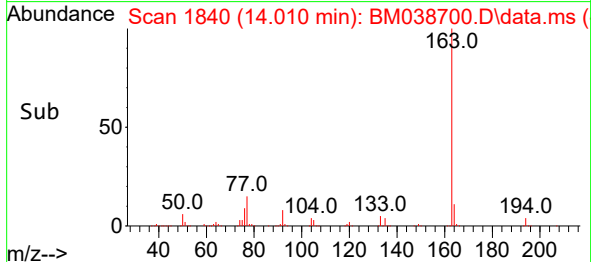
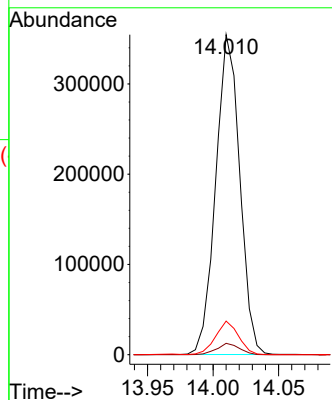
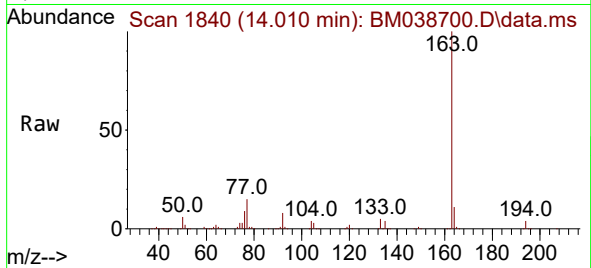




#47
Dimethylphthalate
Concen: 20.835 ng/ul
RT: 14.010 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

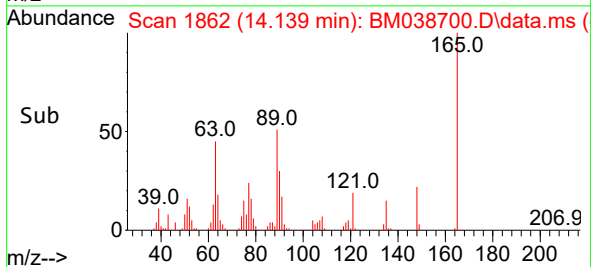
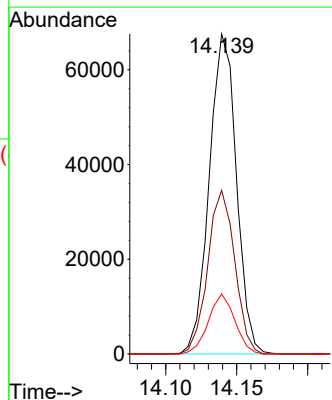
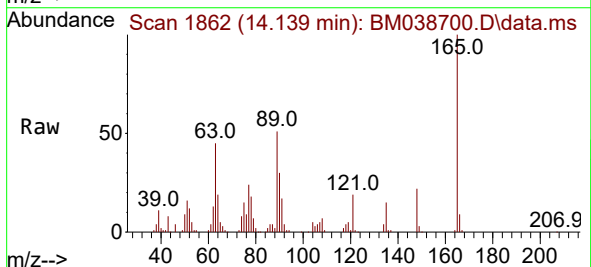
Instrument :
BNA_M
ClientSampleId :
SICV039

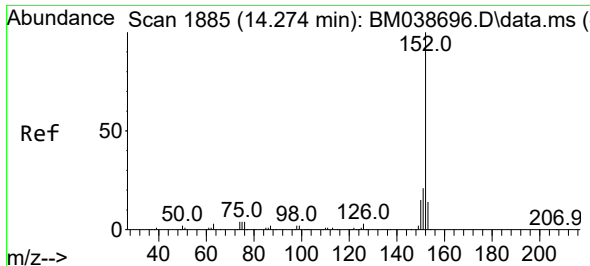
Tgt Ion:163 Resp: 450737
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.5 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 20.919 ng/ul
RT: 14.139 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:165 Resp: 89793
Ion Ratio Lower Upper
165 100
89 51.1 40.2 60.4
121 18.8 13.6 20.4

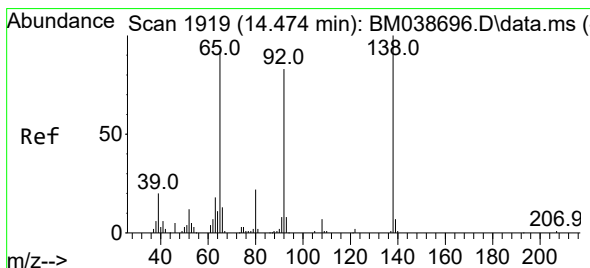
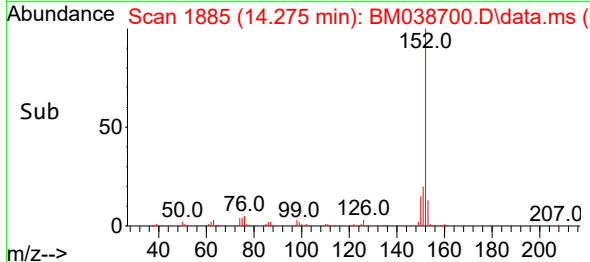
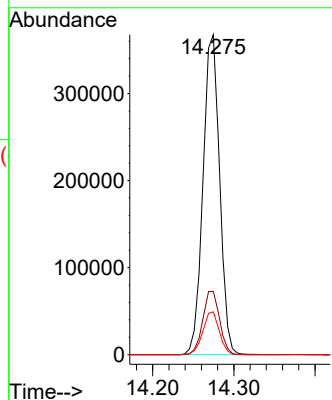
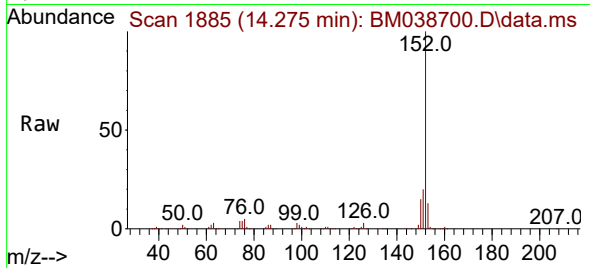




#50
Acenaphthylene
Concen: 20.688 ng/ul
RT: 14.275 min Scan# 1885
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

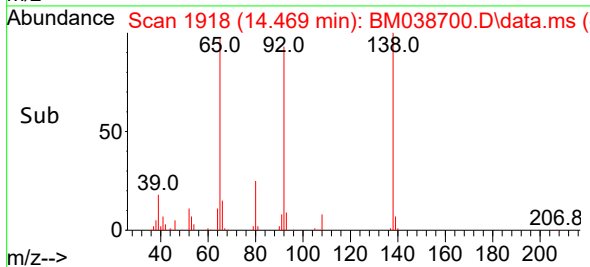
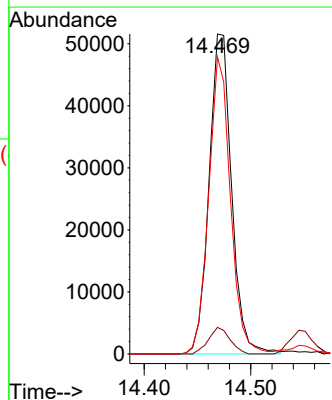
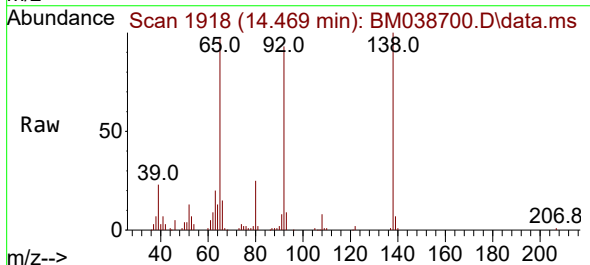
Instrument :
BNA_M
ClientSampleId :
SICV039

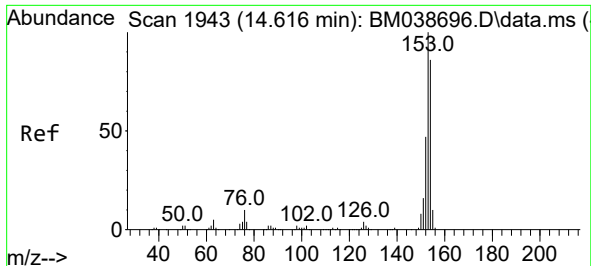
Tgt Ion:152 Resp: 522235
Ion Ratio Lower Upper
152 100
151 19.8 16.6 24.8
153 13.4 10.8 16.2



#51
3-Nitroaniline
Concen: 21.409 ng/ul
RT: 14.469 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:138 Resp: 75885
Ion Ratio Lower Upper
138 100
108 8.3 5.9 8.9
92 92.8 67.1 100.7

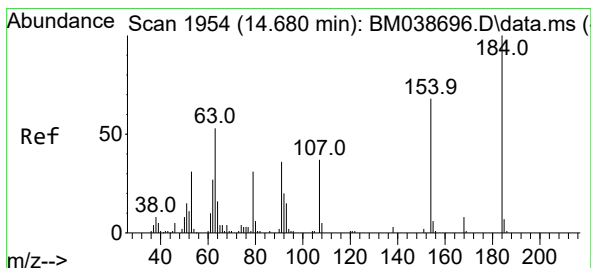
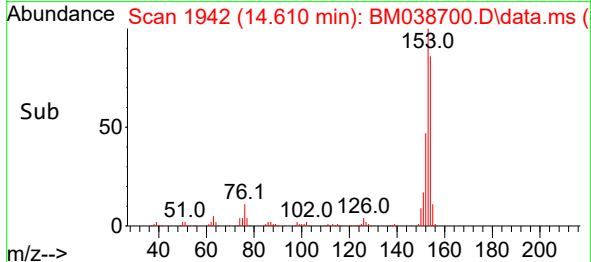
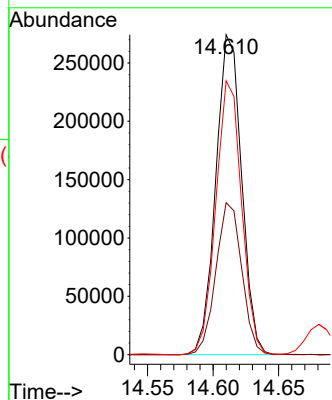
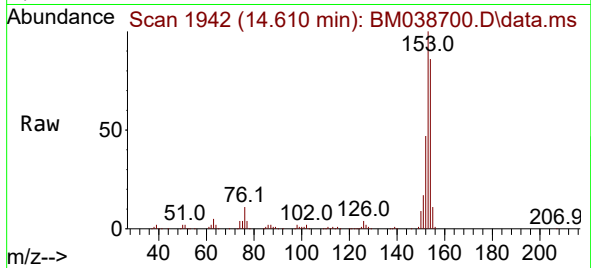




#52
Acenaphthene
Concen: 20.999 ng/ul
RT: 14.610 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

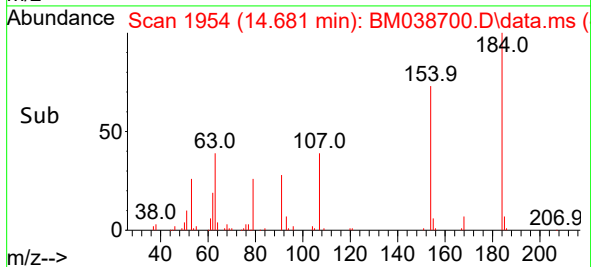
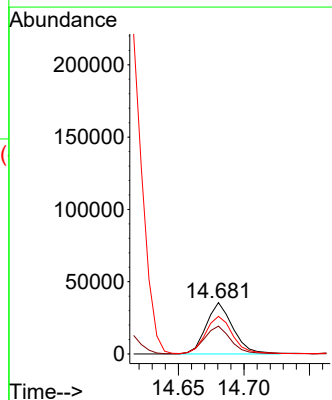
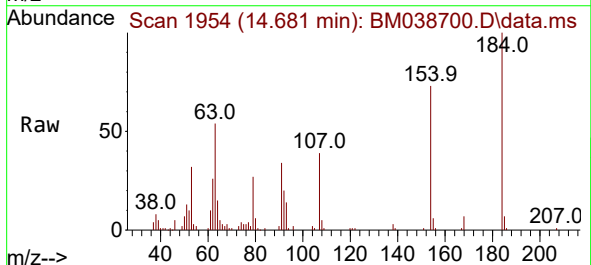
Instrument :
BNA_M
ClientSampleId :
SICV039

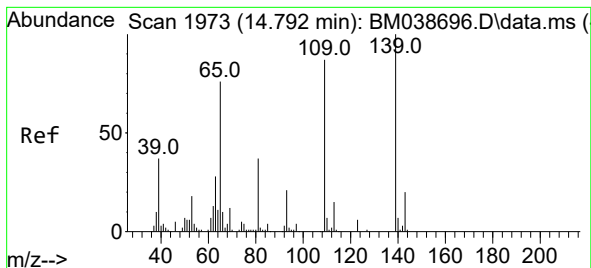
Tgt Ion:153 Resp: 375111
Ion Ratio Lower Upper
153 100
152 47.5 37.9 56.9
154 85.6 68.6 102.8



#53
2,4-Dinitrophenol
Concen: 19.088 ng/ul
RT: 14.681 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:184 Resp: 50411
Ion Ratio Lower Upper
184 100
63 54.1 42.3 63.5
154 73.2 55.5 83.3

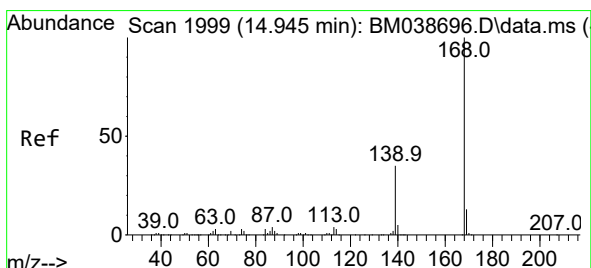
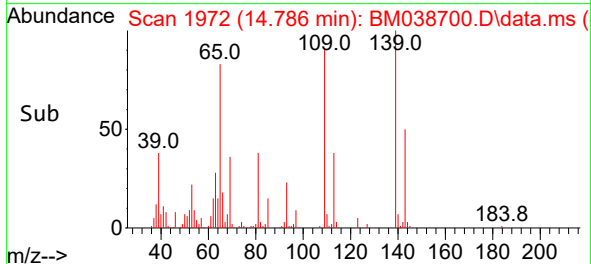
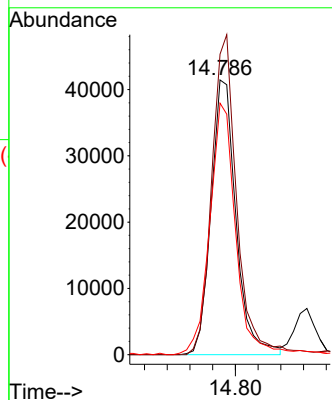
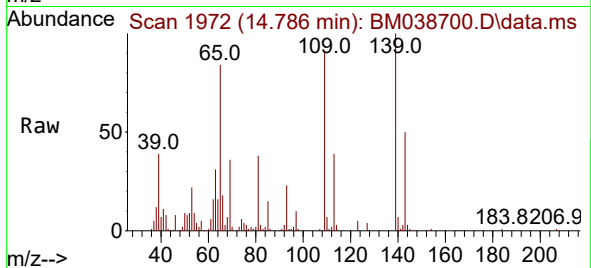




#55
4-Nitrophenol
Concen: 20.425 ng/ul
RT: 14.786 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

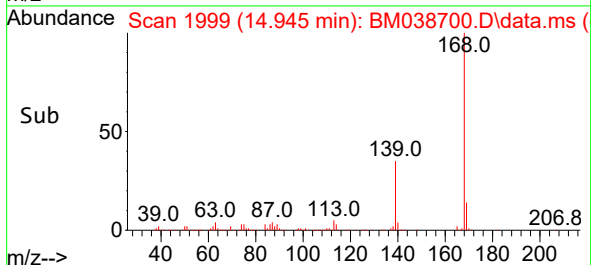
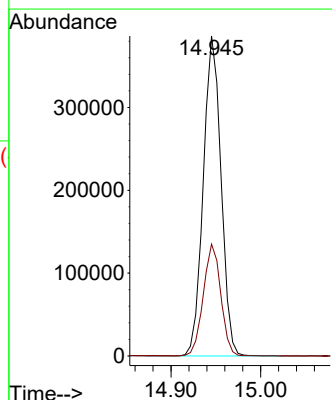
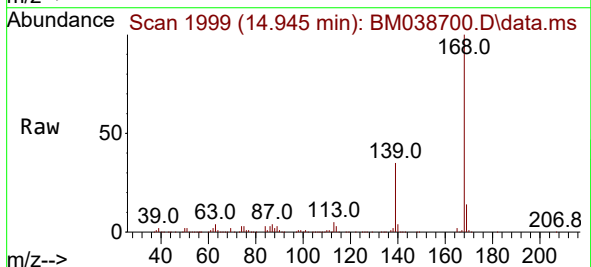
Instrument :
BNA_M
ClientSampleId :
SICV039

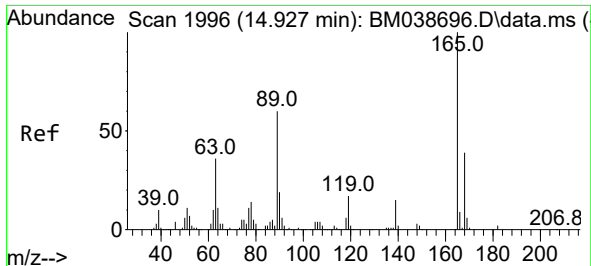
Tgt Ion:109 Resp: 63233
Ion Ratio Lower Upper
109 100
139 109.4 92.3 138.5
65 91.6 70.6 106.0



#56
Dibenzofuran
Concen: 20.833 ng/ul
RT: 14.945 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:168 Resp: 530776
Ion Ratio Lower Upper
168 100
139 35.0 28.0 42.0





#57

2,4-Dinitrotoluene

Concen: 21.699 ng/ul

RT: 14.928 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SICV039

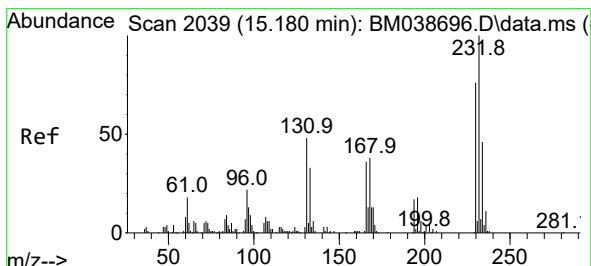
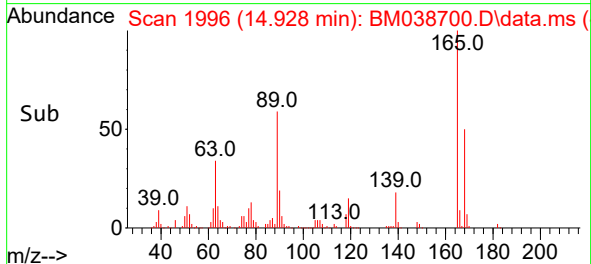
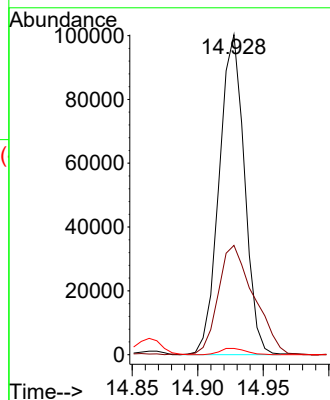
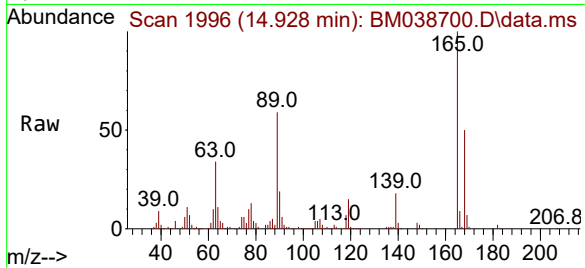
Tgt Ion:165 Resp: 134563

Ion Ratio Lower Upper

165 100

63 34.2 28.6 43.0

182 2.0 1.5 2.3



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.012 ng/ul

RT: 15.175 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

Tgt Ion:232 Resp: 90245

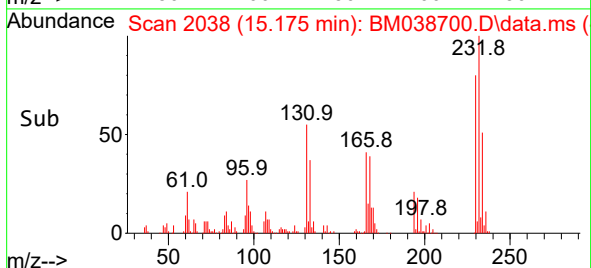
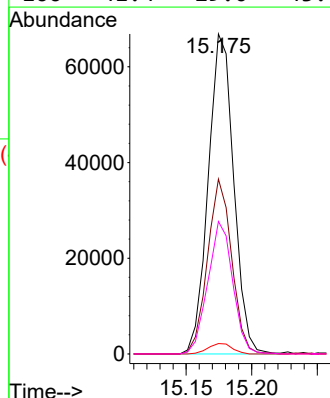
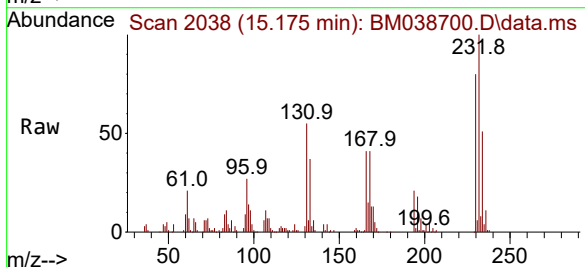
Ion Ratio Lower Upper

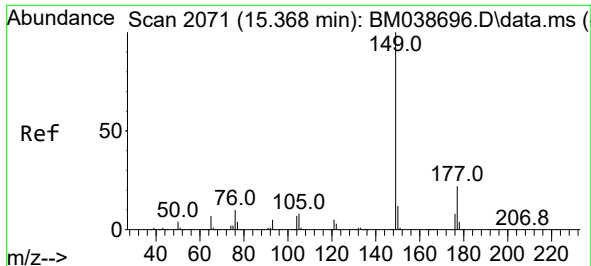
232 100

131 54.6 38.5 57.7

130 3.3 2.3 3.5

166 41.4 29.0 43.6

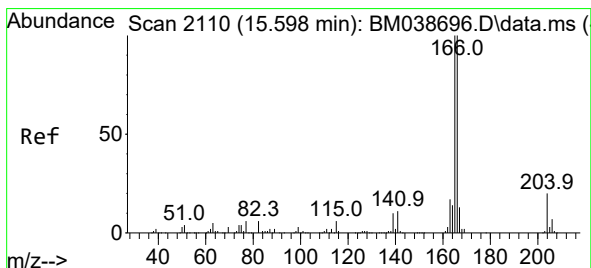
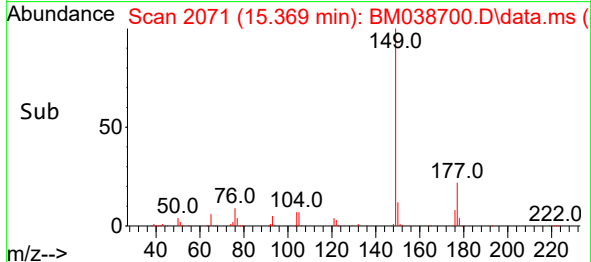
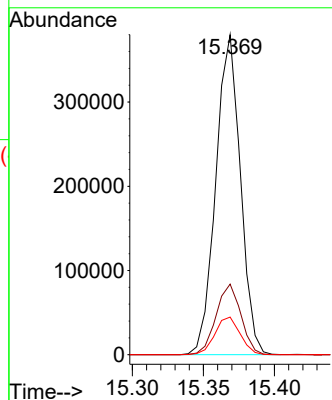
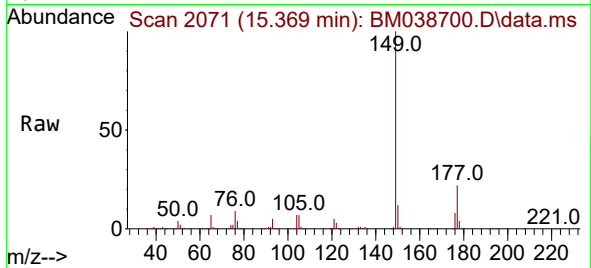




#59
Diethylphthalate
Concen: 21.197 ng/ul
RT: 15.369 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

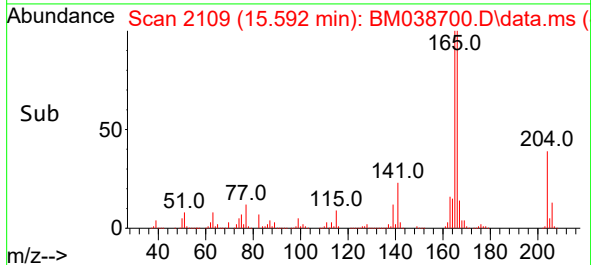
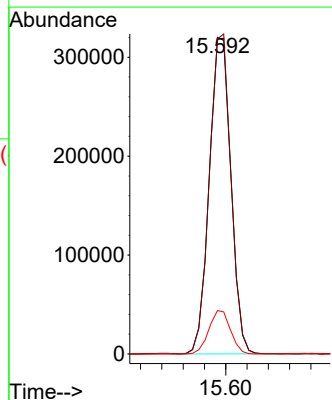
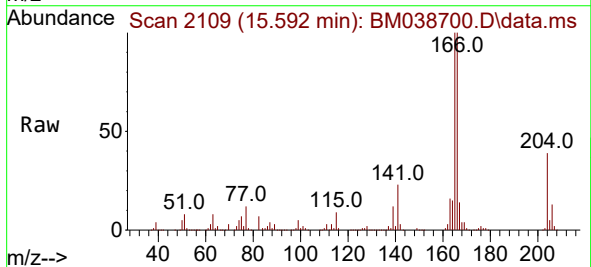
Instrument :
BNA_M
ClientSampleId :
SICV039

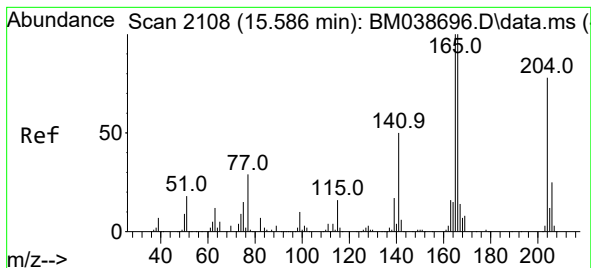
Tgt Ion:149 Resp: 457997
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 11.8 9.5 14.3



#61
Fluorene
Concen: 21.256 ng/ul
RT: 15.592 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:166 Resp: 451868
Ion Ratio Lower Upper
166 100
165 99.5 80.3 120.5
167 13.7 10.7 16.1

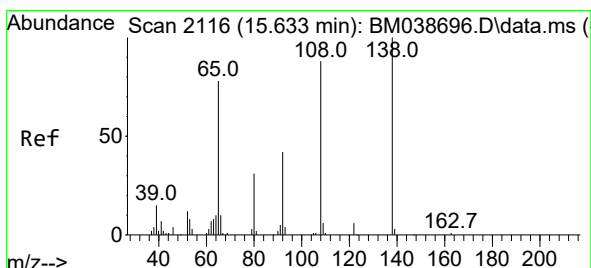
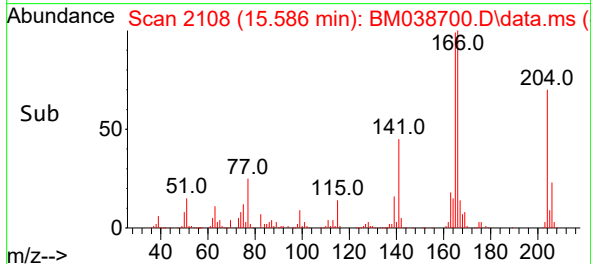
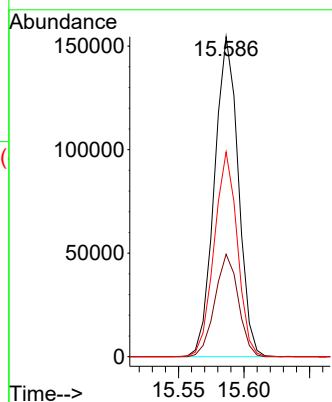
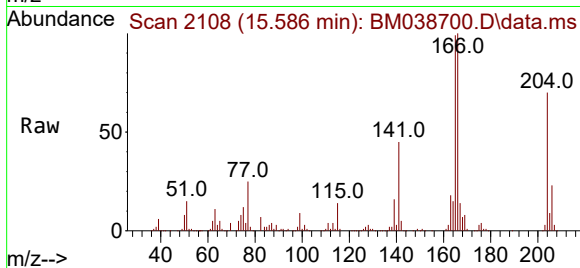




#62
4-Chlorophenyl-phenylether
Concen: 21.269 ng/ul
RT: 15.586 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

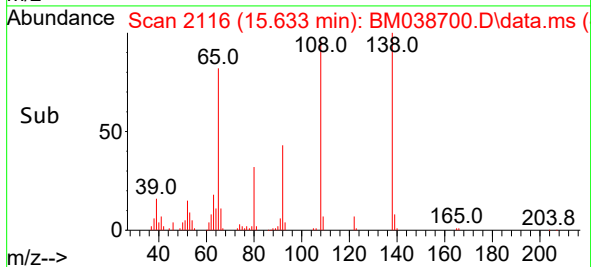
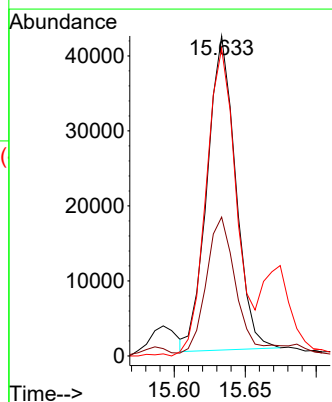
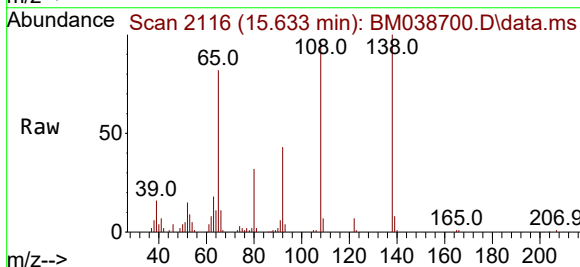
Instrument :
BNA_M
ClientSampleId :
SICV039

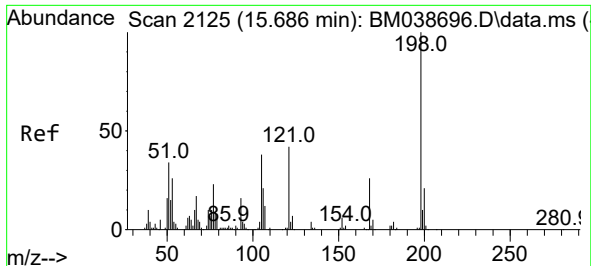
Tgt Ion:204 Resp: 195507
Ion Ratio Lower Upper
204 100
206 32.0 25.4 38.2
141 64.0 50.6 75.8



#63
4-Nitroaniline
Concen: 21.331 ng/ul
RT: 15.633 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:138 Resp: 58333
Ion Ratio Lower Upper
138 100
92 43.4 33.3 49.9
108 96.1 70.8 106.2

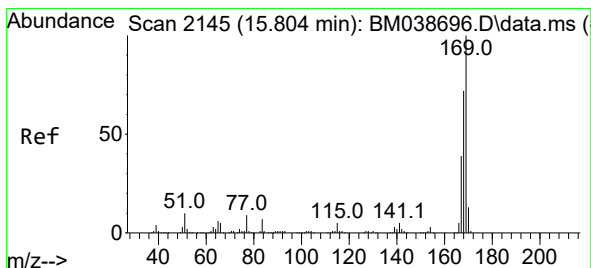
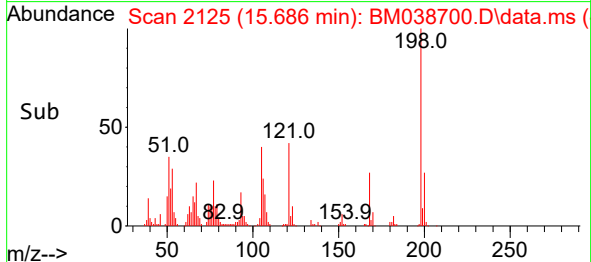
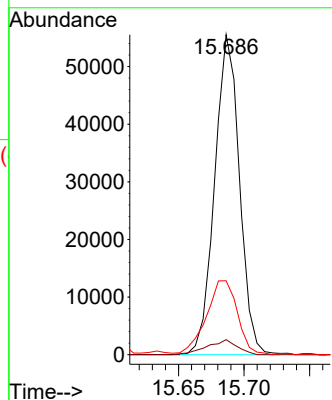
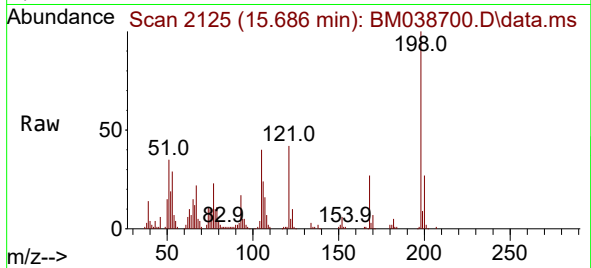




#66
4,6-Dinitro-2-methylphenol
Concen: 20.625 ng/ul
RT: 15.686 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

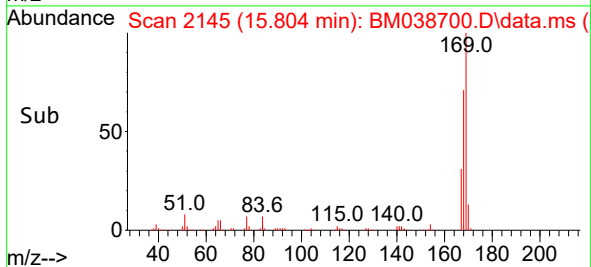
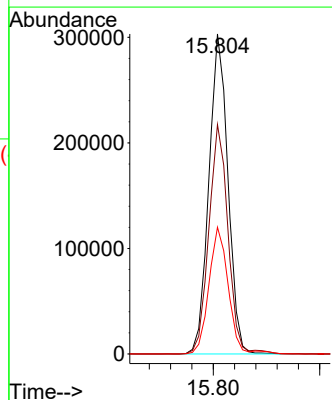
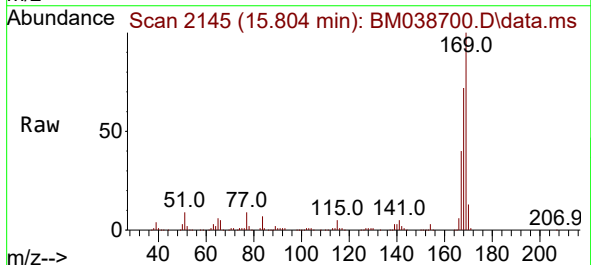
Instrument :
BNA_M
ClientSampleId :
SICV039

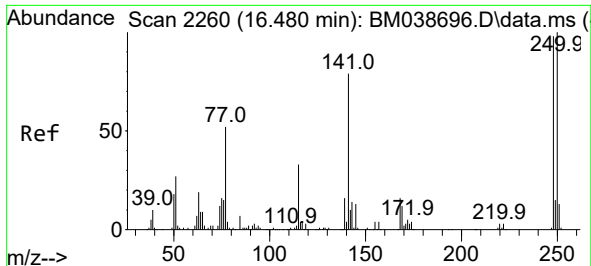
Tgt Ion:198 Resp: 72908
Ion Ratio Lower Upper
198 100
182 4.7 3.2 4.8
77 23.1 19.0 28.6



#67
N-Nitrosodiphenylamine
Concen: 21.327 ng/ul
RT: 15.804 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:169 Resp: 377177
Ion Ratio Lower Upper
169 100
168 71.7 57.6 86.4
167 39.6 31.3 46.9

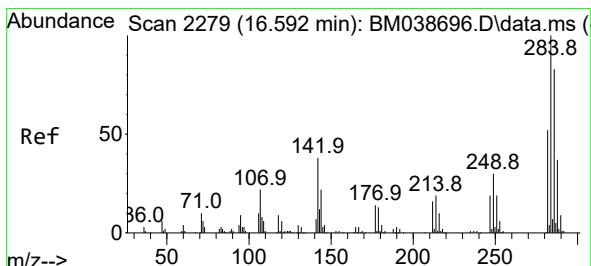
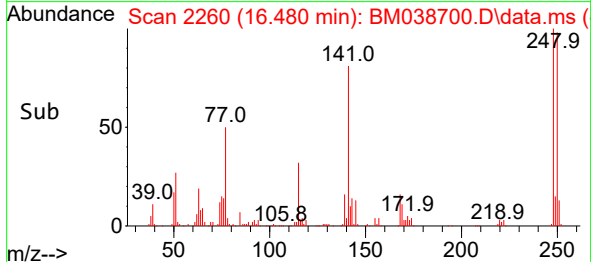
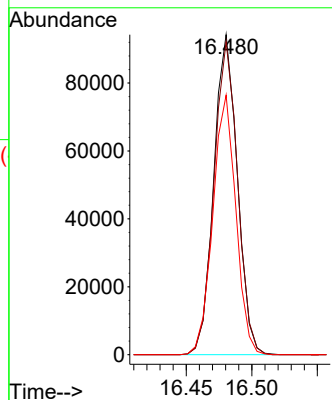
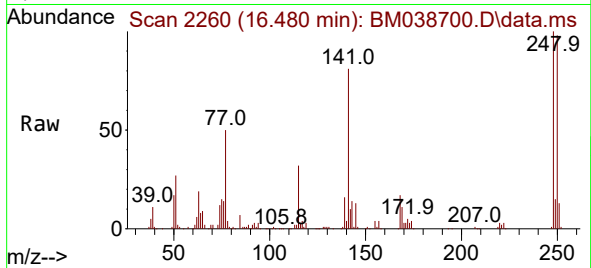




#68
4-Bromophenyl-phenylether
Concen: 21.034 ng/ul
RT: 16.480 min Scan# 211
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

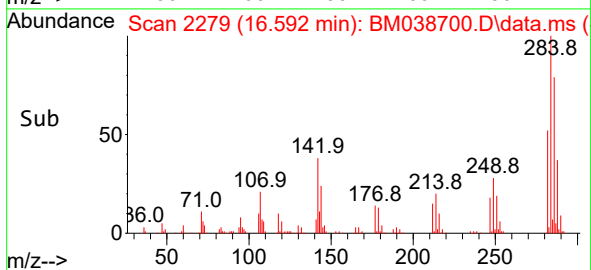
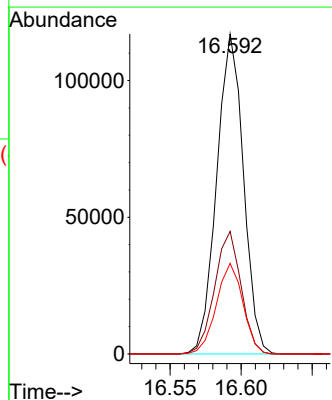
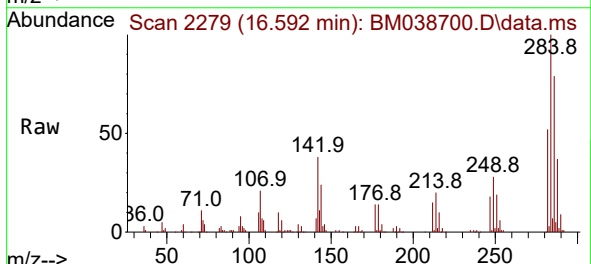
Instrument :
BNA_M
ClientSampleId :
SICV039

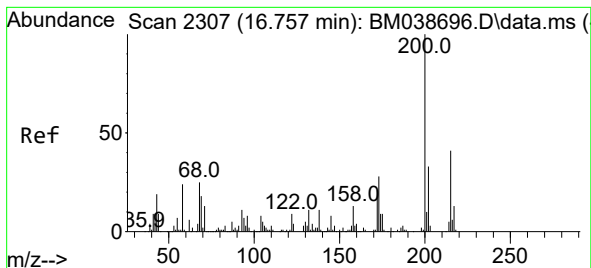
Tgt Ion:248 Resp: 117712
Ion Ratio Lower Upper
248 100
250 97.8 81.6 122.4
141 81.1 64.6 97.0



#69
Hexachlorobenzene
Concen: 21.489 ng/ul
RT: 16.592 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:284 Resp: 153257
Ion Ratio Lower Upper
284 100
142 38.3 30.6 46.0
249 28.3 23.7 35.5





#70

Atrazine

Concen: 19.950 ng/ul

RT: 16.757 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SICV039

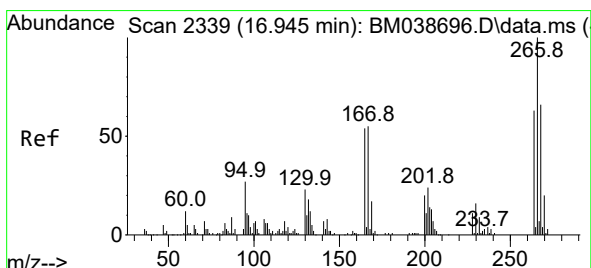
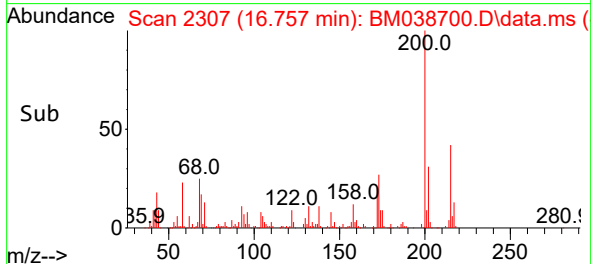
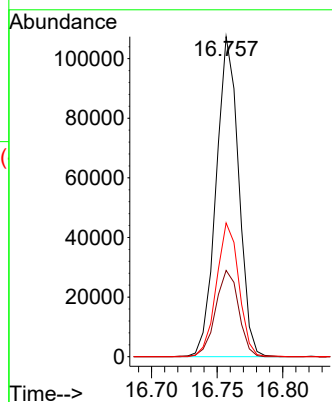
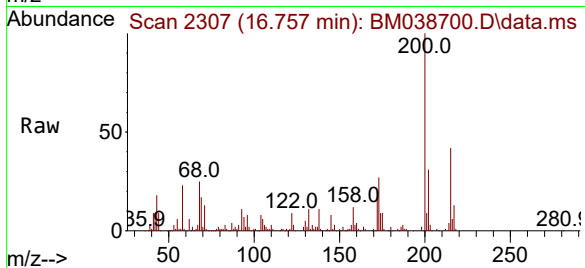
Tgt Ion:200 Resp: 128003

Ion Ratio Lower Upper

200 100

173 27.0 22.6 33.8

215 41.8 32.6 48.8



#71

Pentachlorophenol

Concen: 19.434 ng/ul

RT: 16.945 min Scan# 2339

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

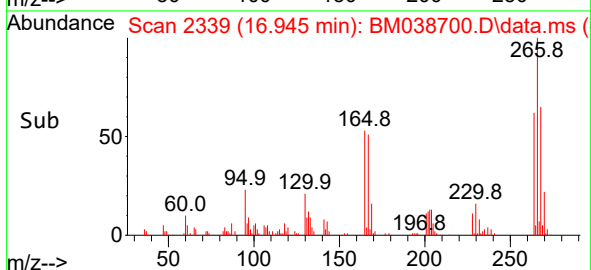
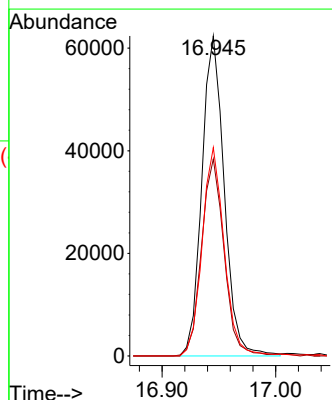
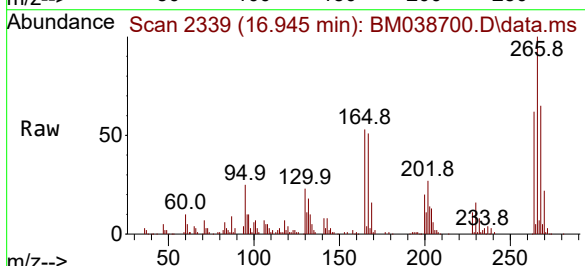
Tgt Ion:266 Resp: 85379

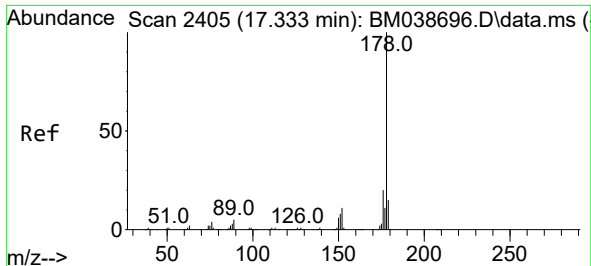
Ion Ratio Lower Upper

266 100

264 61.5 50.6 75.8

268 65.1 52.6 79.0

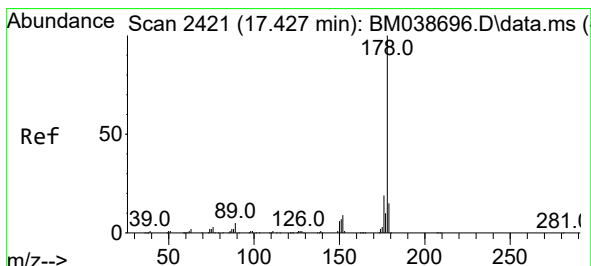
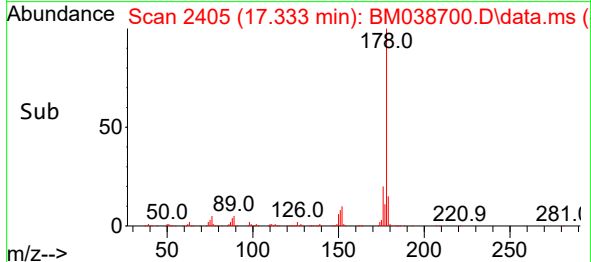
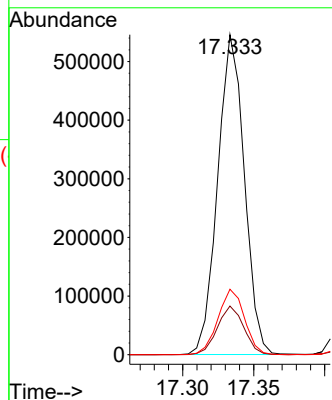
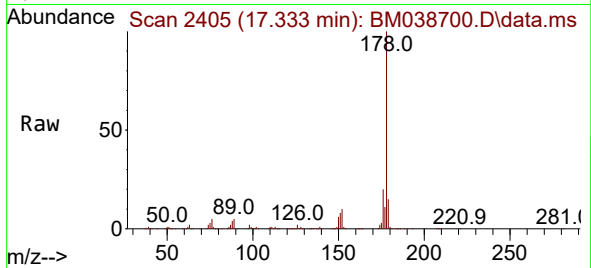




#72
Phenanthrene
Concen: 21.267 ng/ul
RT: 17.333 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

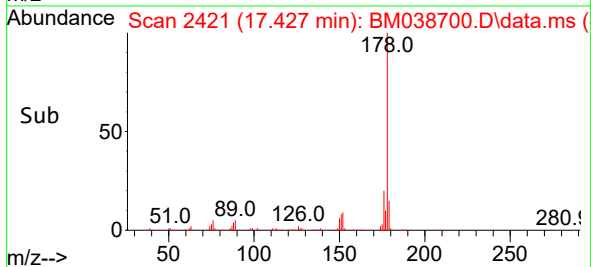
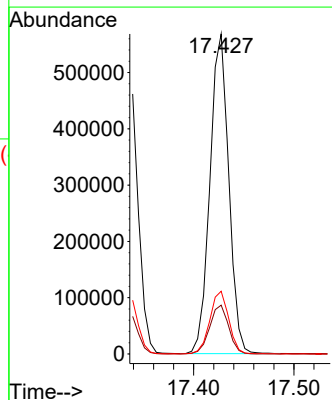
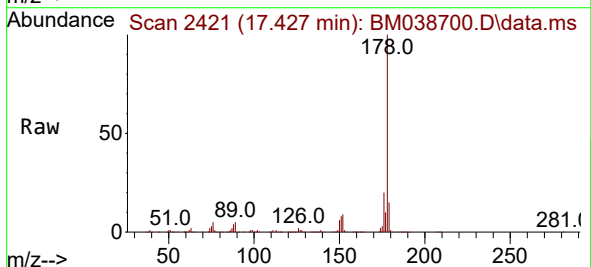
Instrument :
BNA_M
ClientSampleId :
SICV039

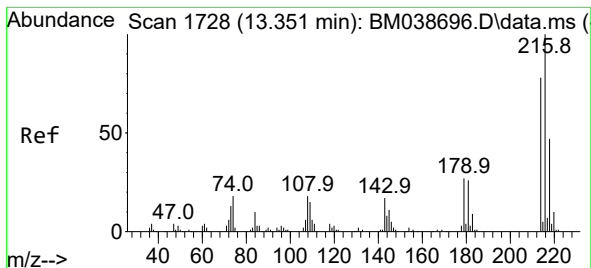
Tgt Ion:178 Resp: 712129
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 20.4 16.3 24.5



#74
Anthracene
Concen: 21.713 ng/ul
RT: 17.427 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:178 Resp: 739762
Ion Ratio Lower Upper
178 100
179 15.2 12.1 18.1
176 19.6 15.6 23.4

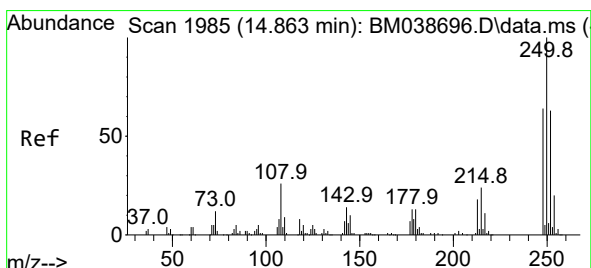
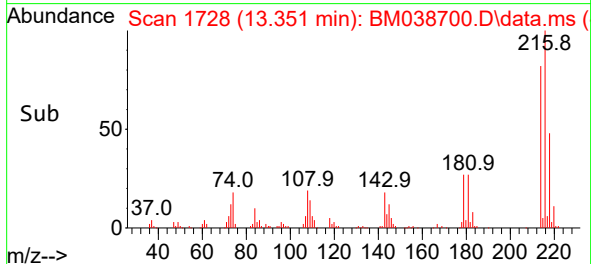
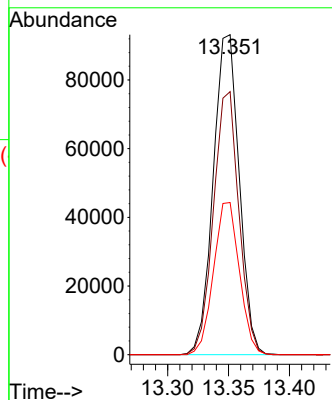
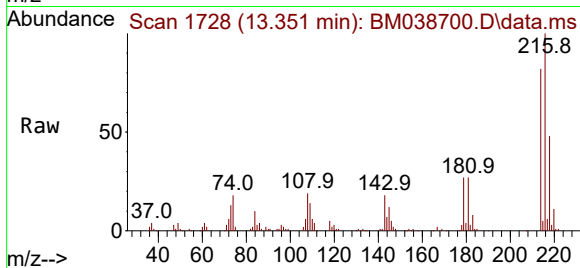




#75
1,2,3,4-Tetrachlorobenzene
Concen: 21.423 ng/uL
RT: 13.351 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

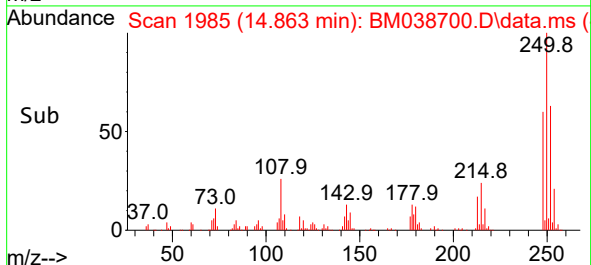
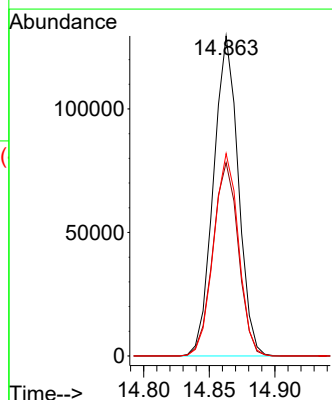
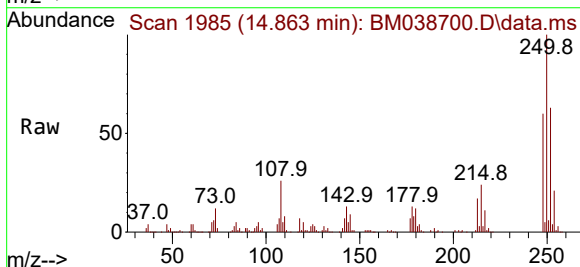
Instrument :
BNA_M
ClientSampleId :
SICV039

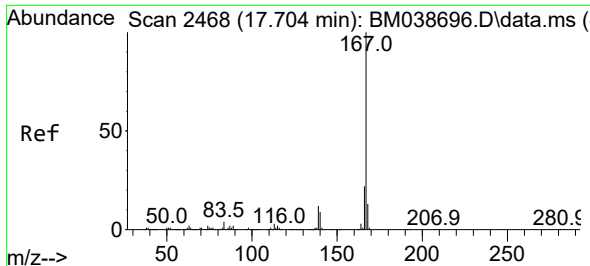
Tgt Ion:216 Resp: 138581
Ion Ratio Lower Upper
216 100
214 82.2 62.4 93.6
218 47.5 38.0 57.0



#76
Pentachlorobenzene
Concen: 23.232 ng/uL
RT: 14.863 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:250 Resp: 170429
Ion Ratio Lower Upper
250 100
248 60.4 51.4 77.2
252 63.3 50.2 75.4



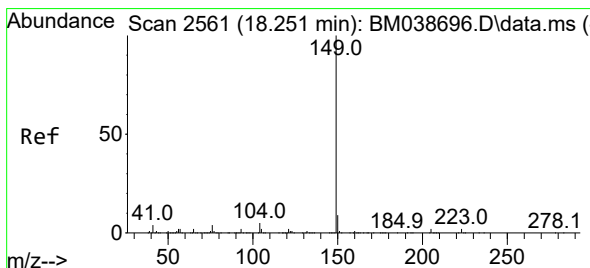
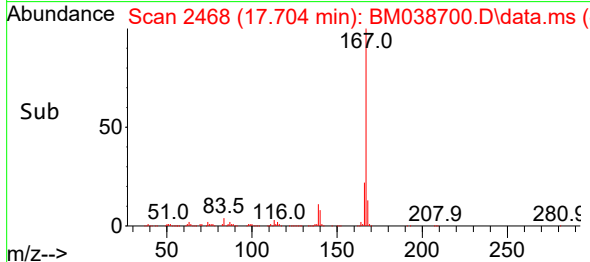
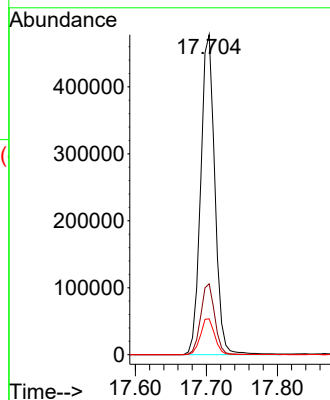
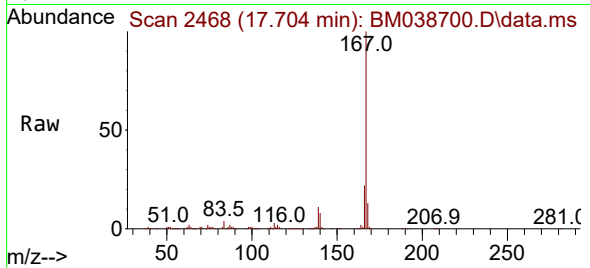


#77
 Carbazole
 Concen: 21.089 ng/ul
 RT: 17.704 min Scan# 2468
 Delta R.T. 0.000 min
 Lab File: BM038700.D
 Acq: 06 Feb 2023 19:45

Instrument :
 BNA_M
 ClientSampleId :
 SICV039

Tgt Ion:167 Resp: 664203

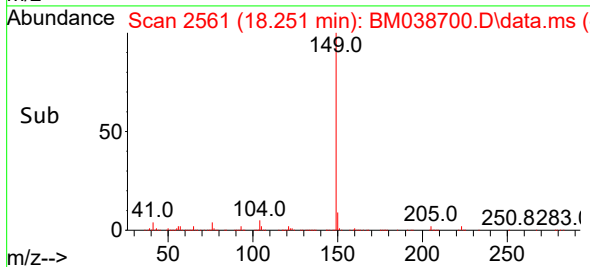
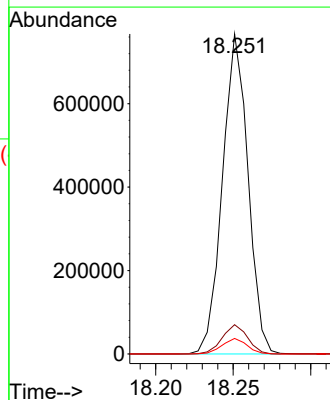
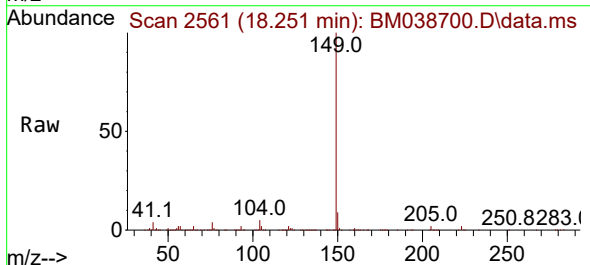
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.2
139	11.2	9.5	14.3

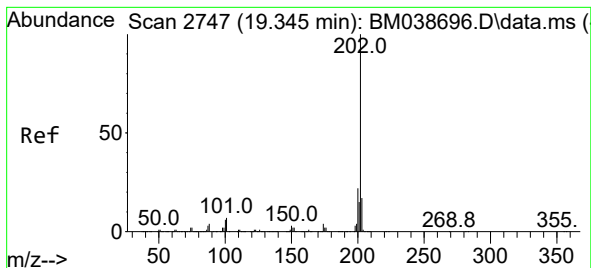


#78
 Di-n-butylphthalate
 Concen: 21.493 ng/ul
 RT: 18.251 min Scan# 2561
 Delta R.T. 0.000 min
 Lab File: BM038700.D
 Acq: 06 Feb 2023 19:45

Tgt Ion:149 Resp: 878482

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.9	3.8	5.6





#80

Fluoranthene

Concen: 21.914 ng/ul

RT: 19.345 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SICV039

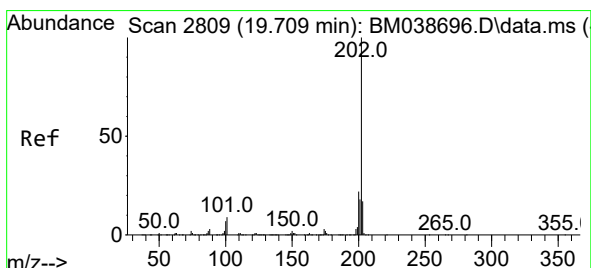
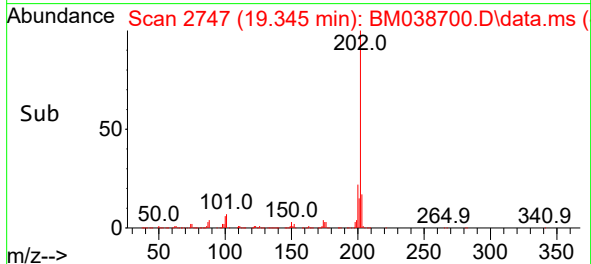
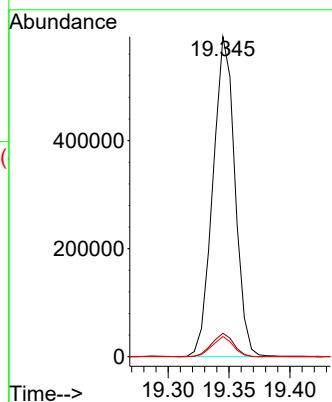
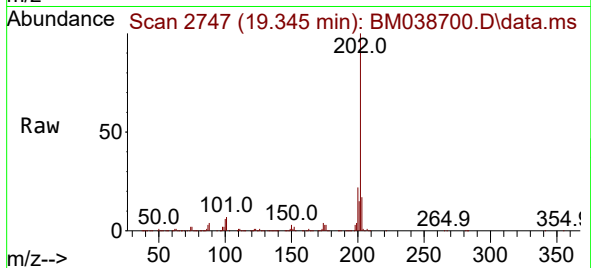
Tgt Ion:202 Resp: 746599

Ion Ratio Lower Upper

202 100

101 7.3 5.8 8.8

100 6.3 4.9 7.3



#82

Pyrene

Concen: 21.695 ng/ul

RT: 19.710 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

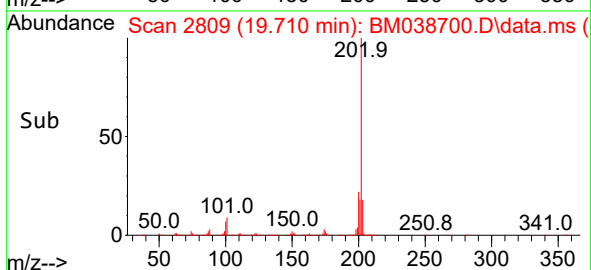
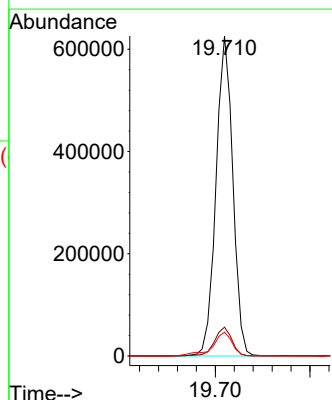
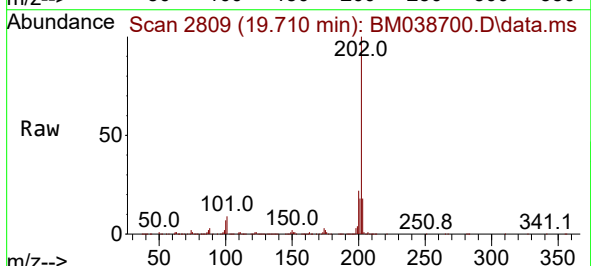
Tgt Ion:202 Resp: 773771

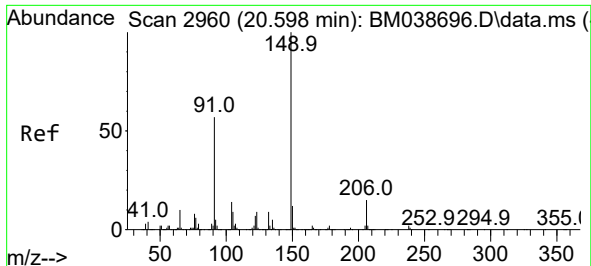
Ion Ratio Lower Upper

202 100

101 9.0 7.5 11.3

100 7.5 6.0 9.0

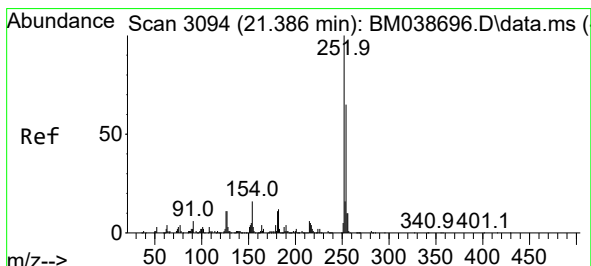
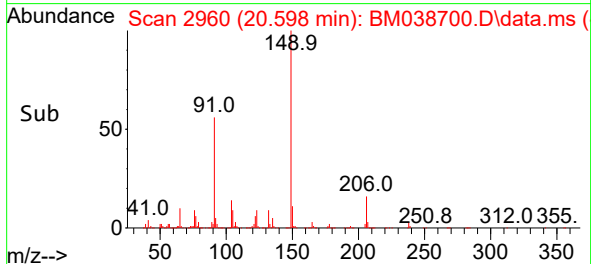
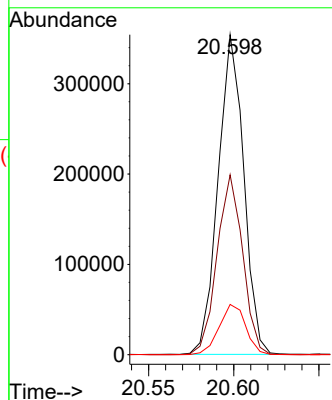
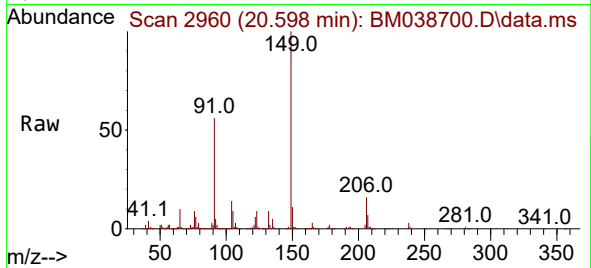




#83
Butylbenzylphthalate
Concen: 20.945 ng/ul
RT: 20.598 min Scan# 2960
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

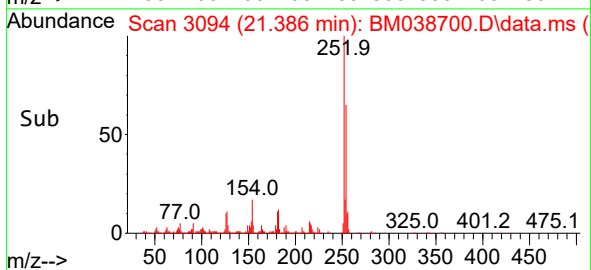
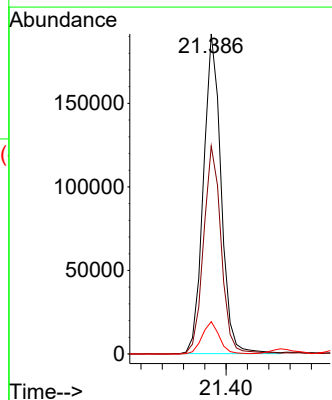
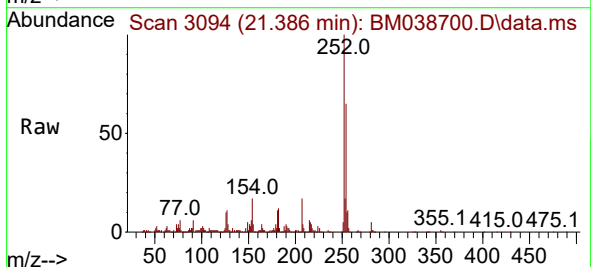
Instrument :
BNA_M
ClientSampleId :
SICV039

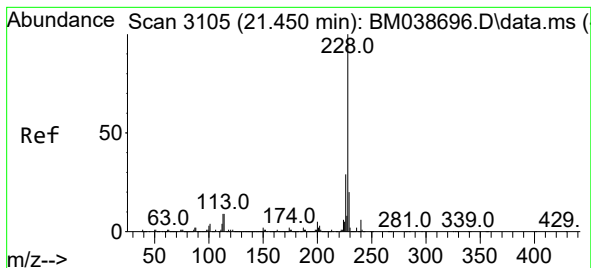
Tgt Ion:149 Resp: 370542
Ion Ratio Lower Upper
149 100
91 56.2 45.8 68.8
206 15.7 12.3 18.5



#84
3,3'-Dichlorobenzidine
Concen: 20.732 ng/ul
RT: 21.386 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BM038700.D
Acq: 06 Feb 2023 19:45

Tgt Ion:252 Resp: 220708
Ion Ratio Lower Upper
252 100
254 65.0 51.6 77.4
126 10.1 8.6 13.0





#85

Benzo(a)anthracene

Concen: 20.487 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SICV039

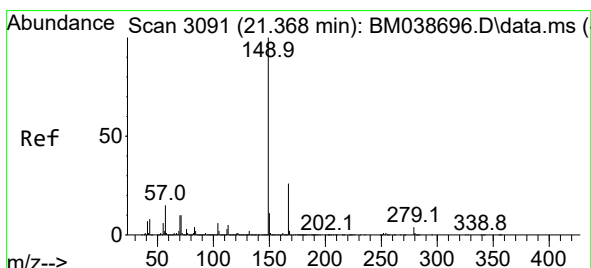
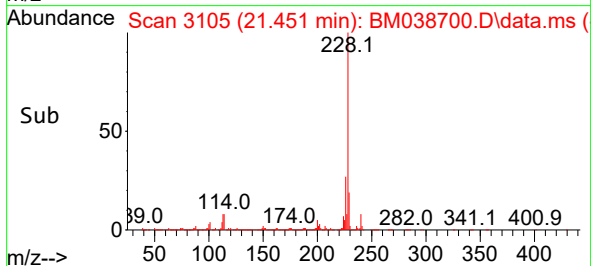
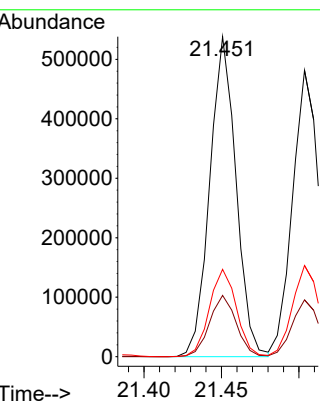
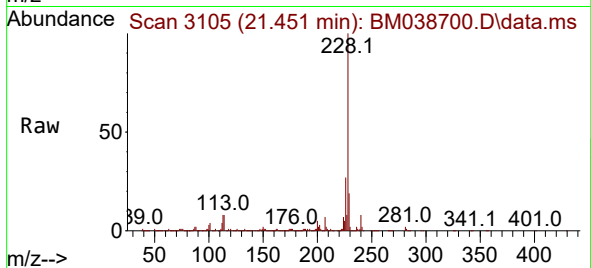
Tgt Ion:228 Resp: 635014

Ion Ratio Lower Upper

228 100

229 19.2 15.6 23.4

226 27.3 23.0 34.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 20.625 ng/ul

RT: 21.368 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

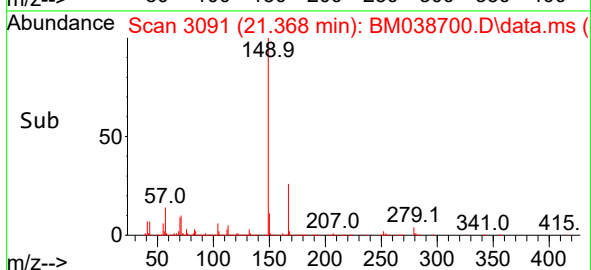
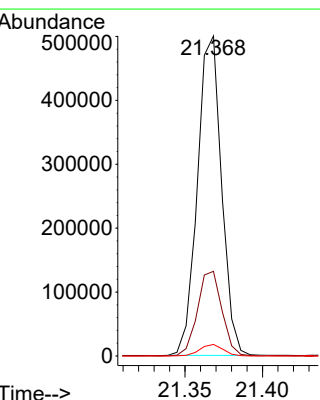
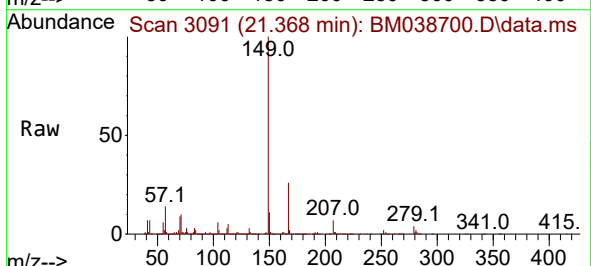
Tgt Ion:149 Resp: 541523

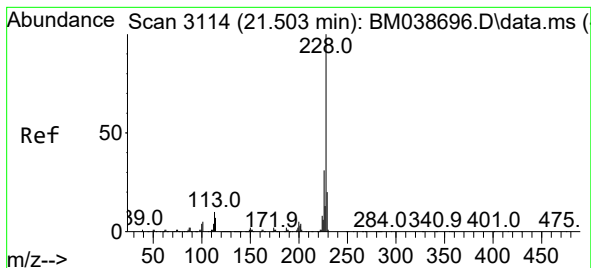
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

279 3.6 2.9 4.3





#87

Chrysene

Concen: 19.984 ng/ul

RT: 21.504 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SICV039

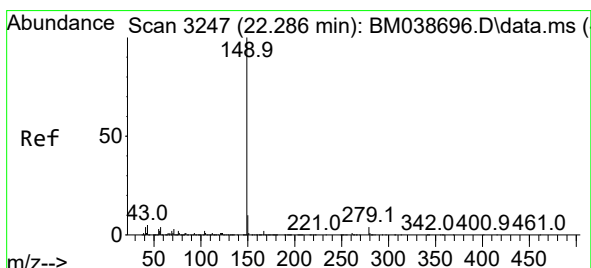
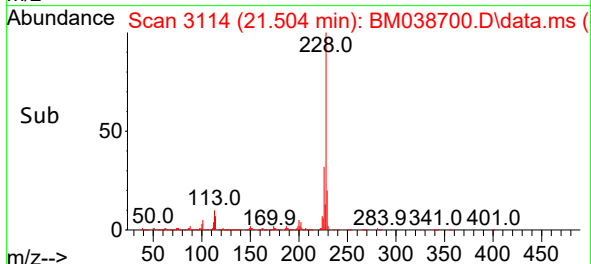
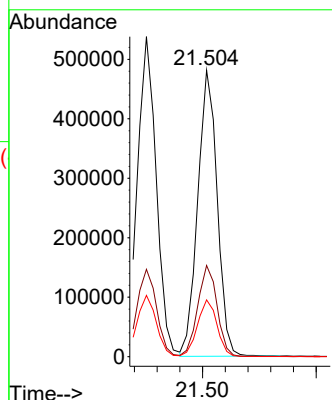
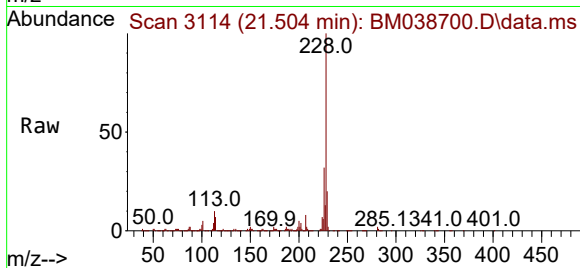
Tgt Ion:228 Resp: 572276

Ion Ratio Lower Upper

228 100

226 31.9 24.6 37.0

229 19.8 15.8 23.6



#89

Di-n-octyl phthalate

Concen: 17.729 ng/ul

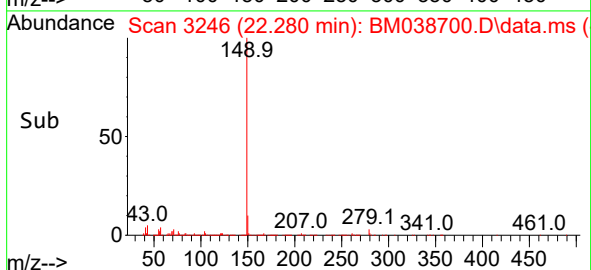
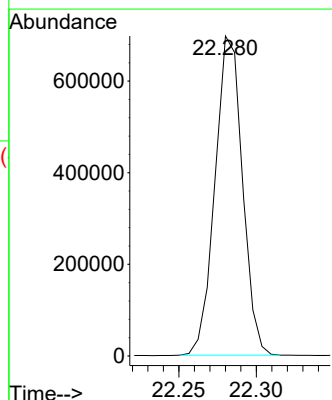
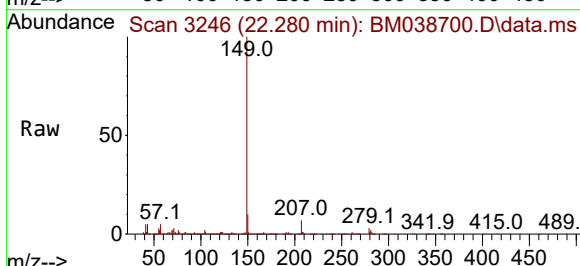
RT: 22.280 min Scan# 3246

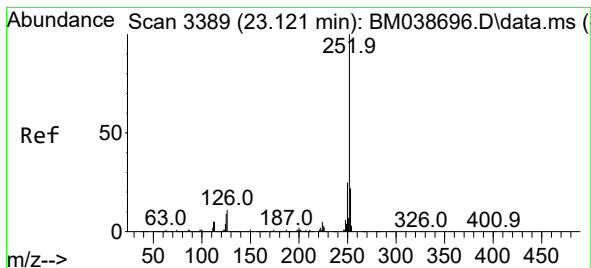
Delta R.T. -0.006 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

Tgt Ion:149 Resp: 856610





#90

Benzo(b)fluoranthene

Concen: 19.830 ng/ul

RT: 23.121 min Scan# 3389

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SICV039

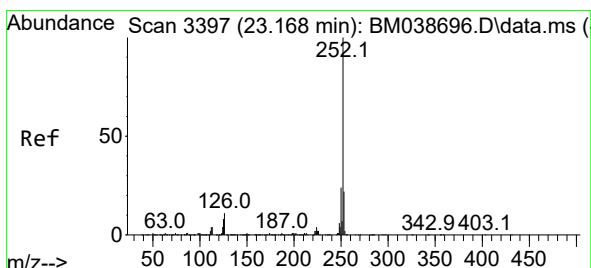
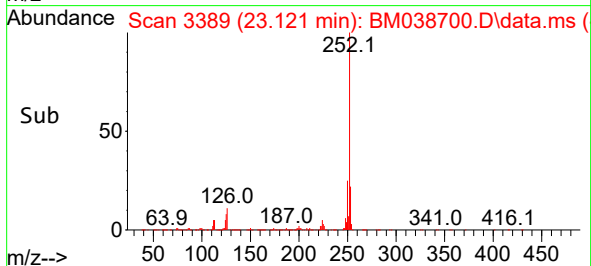
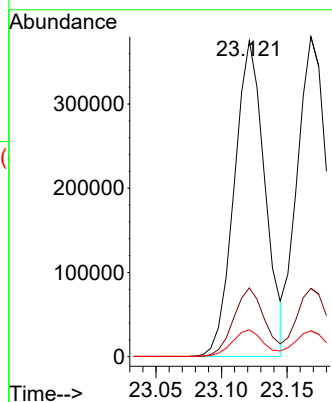
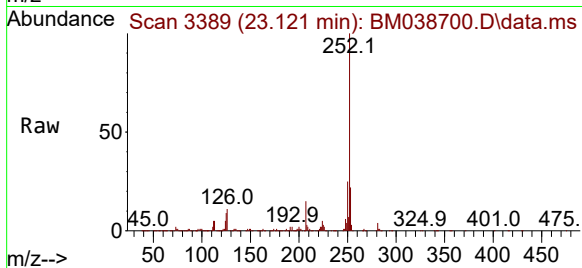
Tgt Ion:252 Resp: 609813

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

125 8.5 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 19.695 ng/ul

RT: 23.168 min Scan# 3397

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

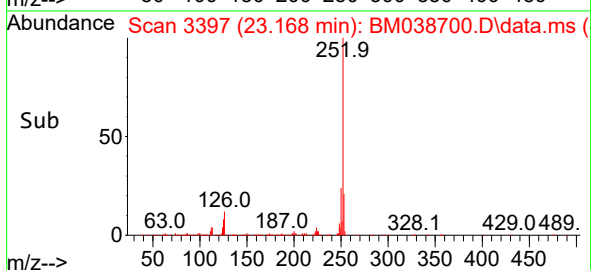
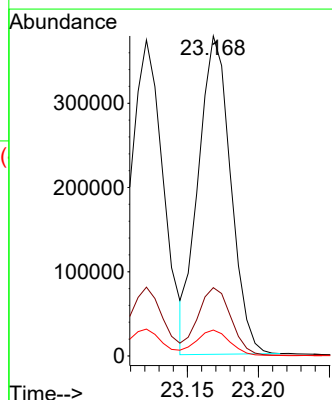
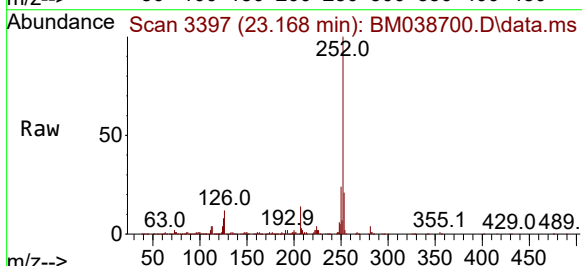
Tgt Ion:252 Resp: 598677

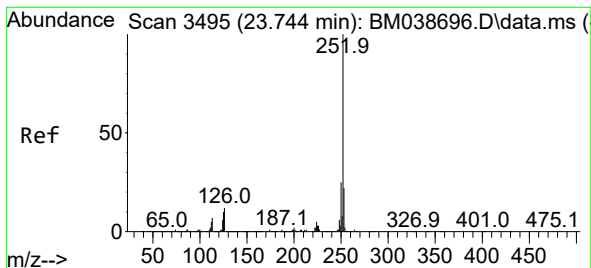
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 8.1 6.6 10.0





#93

Benzo(a)pyrene

Concen: 20.239 ng/ul

RT: 23.745 min Scan# 3495

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

Instrument :

BNA_M

ClientSampleId :

SICV039

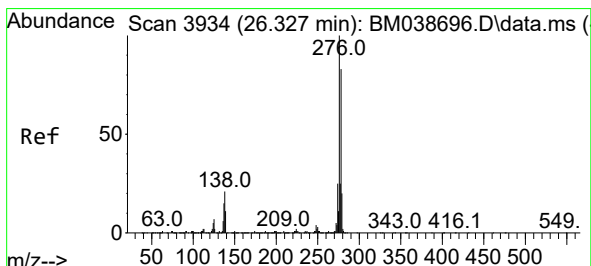
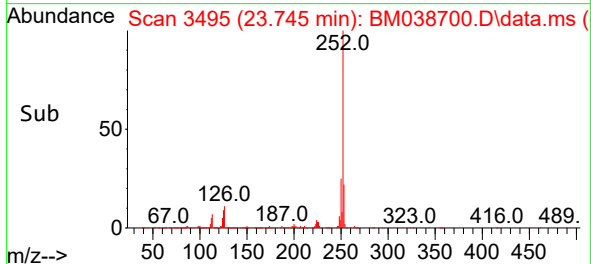
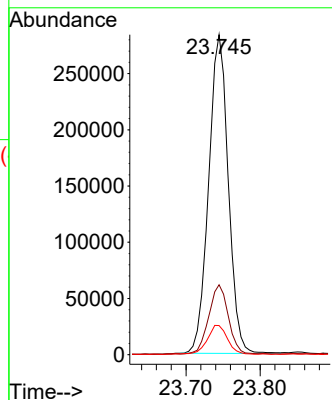
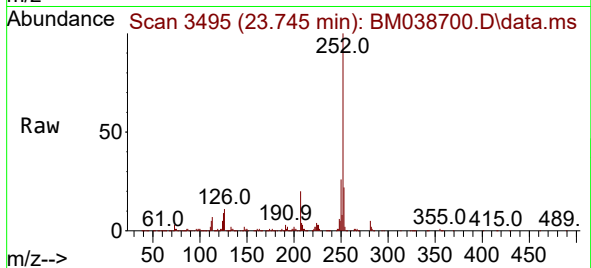
Tgt Ion:252 Resp: 520882

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.1 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.646 ng/ul

RT: 26.327 min Scan# 3934

Delta R.T. 0.000 min

Lab File: BM038700.D

Acq: 06 Feb 2023 19:45

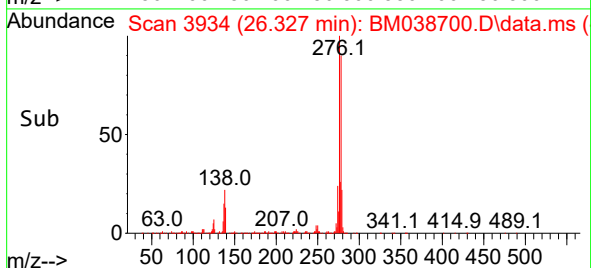
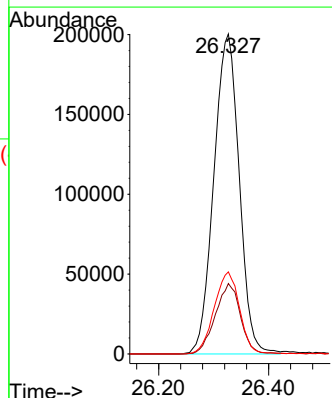
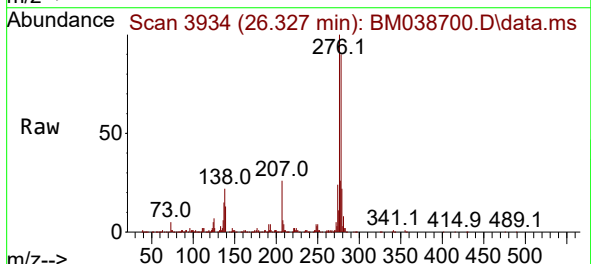
Tgt Ion:276 Resp: 641187

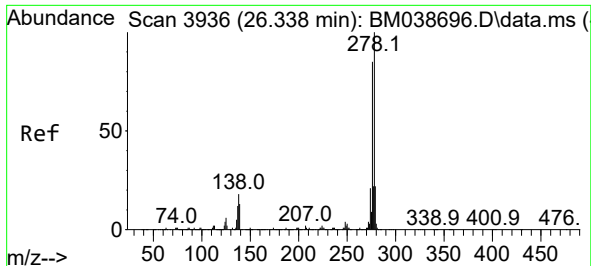
Ion Ratio Lower Upper

276 100

138 22.0 16.7 25.1

277 25.7 20.0 30.0

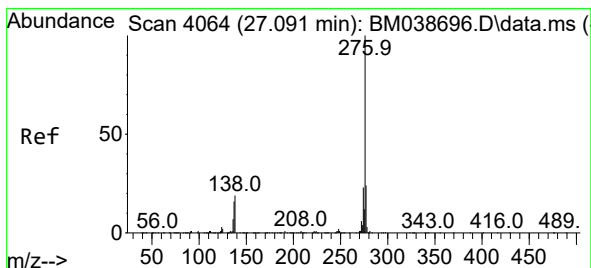
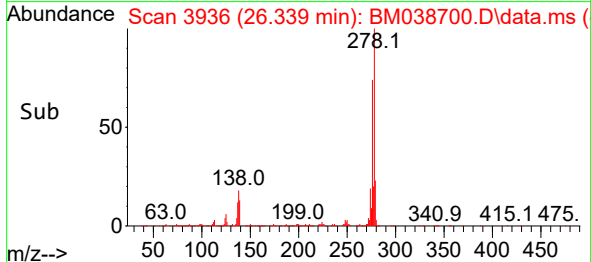
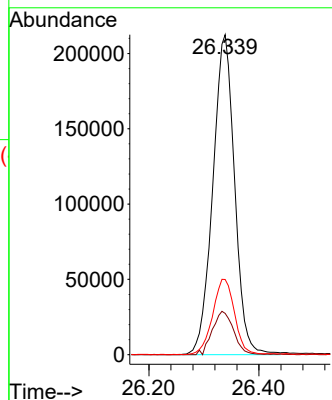
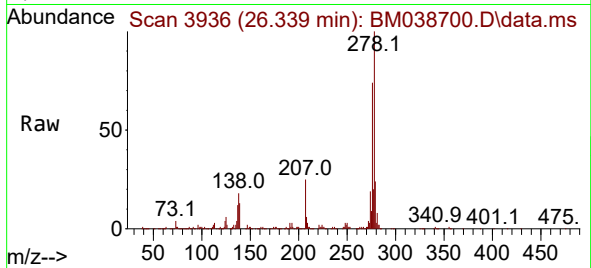




#95
 Dibenzo(a,h)anthracene
 Concen: 21.427 ng/ul
 RT: 26.339 min Scan# 3936
 Delta R.T. 0.000 min
 Lab File: BM038700.D
 Acq: 06 Feb 2023 19:45

Instrument :
 BNA_M
 ClientSampleId :
 SICV039

Tgt Ion:278 Resp: 585072
 Ion Ratio Lower Upper
 278 100
 139 12.9 10.7 16.1
 279 23.5 17.4 26.2



#96
 Benzo(g,h,i)perylene
 Concen: 22.001 ng/ul
 RT: 27.086 min Scan# 4063
 Delta R.T. -0.006 min
 Lab File: BM038700.D
 Acq: 06 Feb 2023 19:45

Tgt Ion:276 Resp: 565021
 Ion Ratio Lower Upper
 276 100
 138 19.5 15.4 23.0
 277 23.4 19.2 28.8

