

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010623\
 Data File : BM038394.D
 Acq On : 06 Jan 2023 19:59
 Operator : CG/JU
 Sample : 01035-03MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4433MS

Quant Time: Jan 07 00:39:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 02:11:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	80479	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	339609	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	234220	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	555058	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	620645	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	630349	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	16322	6.577	ng/uL	0.00
4) Pyridine-d5	3.793	84	241767	33.673	ng/u1	0.00
7) Phenol-d5	7.163	99	284317	38.780	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	200687	38.052	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	203464	38.733	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	210783	37.245	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	96719	36.300	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	116152	38.438	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	222444	38.120	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	247335	30.716	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	671187	37.839	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	784768	37.964	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	112277	35.161	ng/u1	0.00
60) Fluorene-d10	15.621	176	618152	38.320	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	134828	33.516	ng/u1	0.00
73) Anthracene-d10	17.468	188	1016643	37.969	ng/u1	0.00
81) Pyrene-d10	19.756	212	1288054	37.295	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	1249209	39.901	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	38121	14.387	ng/uL	92
5) Pyridine	3.816	79	284803	37.552	ng/u1	96
6) Benzaldehyde	7.140	77	206546	68.526	ng/u1	99
8) Phenol	7.187	94	325899	42.134	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.422	93	251875	40.670	ng/u1	99
12) 2-Chlorophenol	7.557	128	225735	41.611	ng/u1	97
13) 2-Methylphenol	8.445	108	221473	40.089	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	397401	40.457	ng/u1	98
16) Acetophenone	8.834	105	402246	40.166	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.816	70	237631	44.047	ng/u1	97
18) 4-Methylphenol	8.781	108	241242	40.136	ng/u1	95
19) Hexachloroethane	9.081	117	109175	43.216	ng/u1	95
22) Nitrobenzene	9.216	77	343753	39.116	ng/u1	99
23) Isophorone	9.745	82	622942	41.347	ng/u1	99
25) 2-Nitrophenol	9.928	139	131608	41.813	ng/u1	97
26) 2,4-Dimethylphenol	9.986	107	299638	40.722	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.222	93	351784	40.808	ng/u1	99
29) 2,4-Dichlorophenol	10.463	162	232950	41.054	ng/u1	97
30) Naphthalene	10.863	128	712923	39.356	ng/u1	99
32) 4-Chloroaniline	10.981	127	280772	34.219	ng/u1	96
33) Hexachlorobutadiene	11.133	225	175080	41.443	ng/u1	97
35) 4-Chloro-3-methylphenol	12.098	107	261196	43.261	ng/u1	100
36) 2-Methylnaphthalene	12.463	142	499360	42.290	ng/u1	98
37) 1-Methylnaphthalene	12.686	142	505664	41.392	ng/u1	97

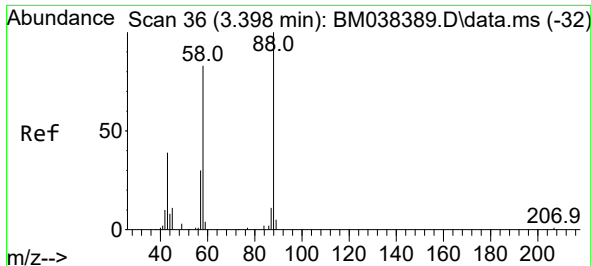
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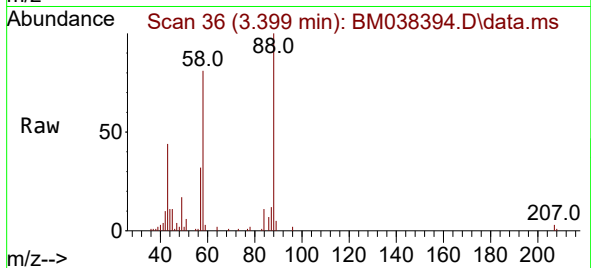
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.827	216	334815	40.431	ng/ul	98
40) Hexachlorocyclopentadiene	12.804	237	208488	35.647	ng/ul	97
41) 2,4,6-Trichlorophenol	13.075	196	214547	41.741	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	227467	41.293	ng/ul	97
43) 1,1'-Biphenyl	13.469	154	711916	40.211	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	580407	40.149	ng/ul	100
45) 2-Nitroaniline	13.727	65	209064	43.233	ng/ul	99
47) Dimethylphthalate	14.092	163	725896	40.327	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	144948	42.291	ng/ul	99
50) Acenaphthylene	14.357	152	876406	39.965	ng/ul	99
51) 3-Nitroaniline	14.545	138	131469	41.658	ng/ul	100
52) Acenaphthene	14.698	153	624764	40.261	ng/ul	97
53) 2,4-Dinitrophenol	14.757	184	102956	40.179	ng/ul	98
55) 4-Nitrophenol	14.851	109	135552	40.554	ng/ul	96
56) Dibenzofuran	15.027	168	894346	40.552	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	213967	42.671	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.257	232	212021	43.091	ng/ul	98
59) Diethylphthalate	15.445	149	783793	42.011	ng/ul	99
61) Fluorene	15.674	166	811972	42.884	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	433250	43.475	ng/ul	98
63) 4-Nitroaniline	15.710	138	139378	46.153	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.763	198	150080	38.934	ng/ul	99
67) N-Nitrosodiphenylamine	15.880	169	642178	40.576	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	248612	42.280	ng/ul	95
69) Hexachlorobenzene	16.674	284	282718	41.684	ng/ul	97
70) Atrazine	16.833	200	253287	38.718	ng/ul	97
71) Pentachlorophenol	17.021	266	174015	38.877	ng/ul	98
72) Phenanthrene	17.415	178	1235455	40.794	ng/ul	100
74) Anthracene	17.510	178	1285691	41.284	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	335959	40.103	ng/uL	98
76) Pentachlorobenzene	14.945	250	316311	39.184	ng/uL	98
77) Carbazole	17.780	167	1089993	38.172	ng/ul	99
78) Di-n-butylphthalate	18.327	149	1522812	44.636	ng/ul	100
80) Fluoranthene	19.421	202	1618378	41.434	ng/ul	99
82) Pyrene	19.786	202	1713325	40.250	ng/ul	99
83) Butylbenzylphthalate	20.668	149	699643	42.858	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.462	252	432304	33.402	ng/ul	99
85) Benzo(a)anthracene	21.527	228	1811975	41.023	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	1425882	56.584	ng/ul	96
87) Chrysene	21.580	228	1695981	39.968	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	1935003	42.911	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	1772182	44.437	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	1719887	42.945	ng/ul	100
93) Benzo(a)pyrene	23.868	252	1528332	42.343	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	1912933	41.702	ng/ul	100
95) Dibenzo(a,h)anthracene	26.527	278	1635763	42.730	ng/ul	99
96) Benzo(g,h,i)perylene	27.303	276	1545850	41.158	ng/ul	99

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

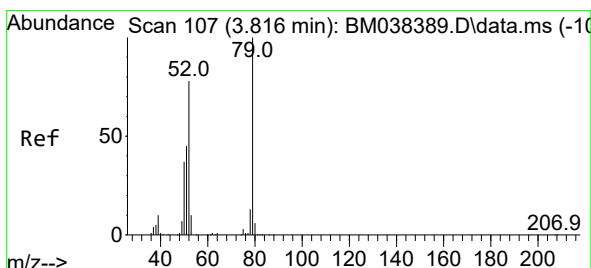
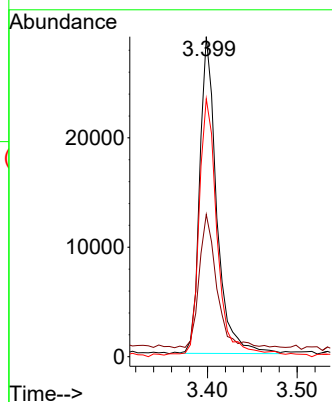
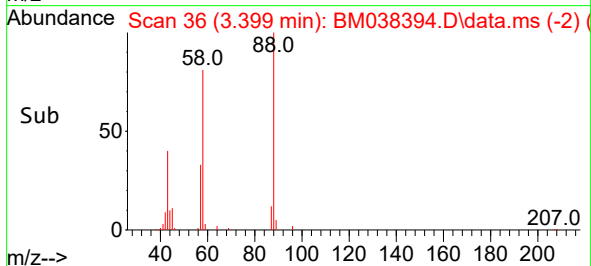


#2
1,4-Dioxane
Concen: 14.387 ng/uL
RT: 3.399 min Scan# 30
Delta R.T. -0.000 min
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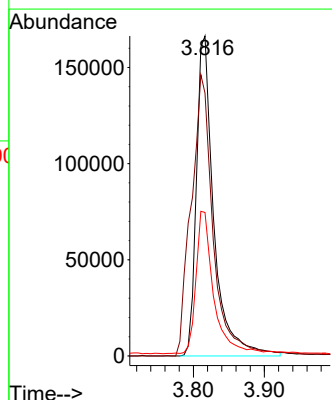
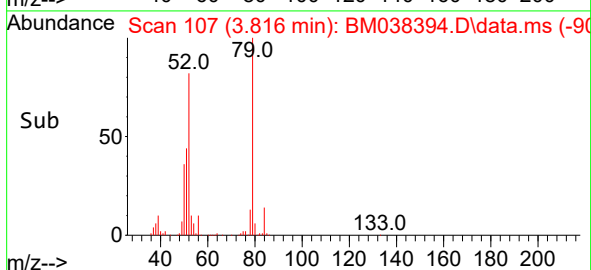
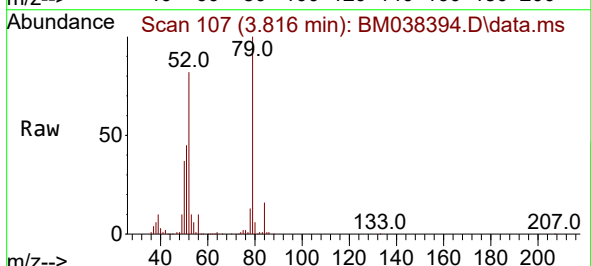


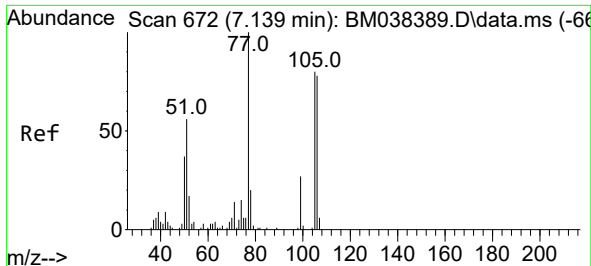
Tgt Ion: 88 Resp: 38121
Ion Ratio Lower Upper
88 100
43 44.5 30.6 45.8
58 80.6 60.2 90.4



#5
Pyridine
Concen: 37.552 ng/uL
RT: 3.816 min Scan# 107
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion: 79 Resp: 284803
Ion Ratio Lower Upper
79 100
52 82.2 69.6 104.4
51 44.9 34.8 52.2

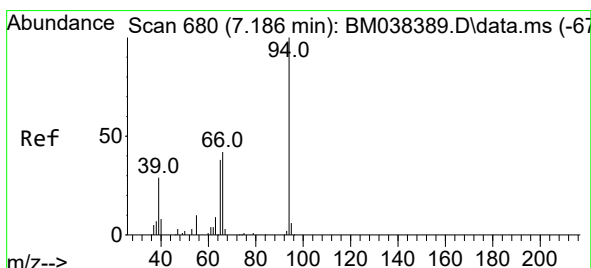
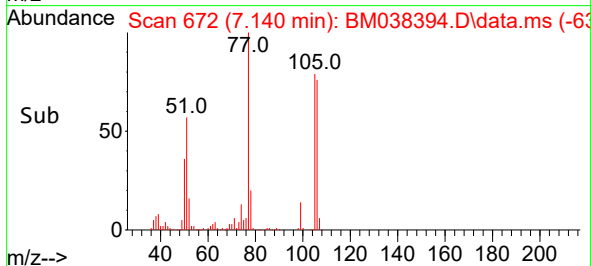
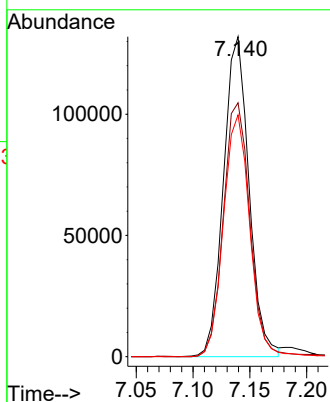
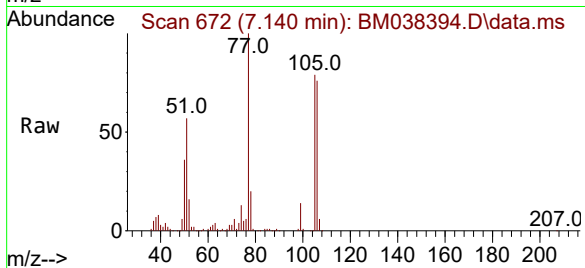




#6
Benzaldehyde
Concen: 68.526 ng/ul
RT: 7.140 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

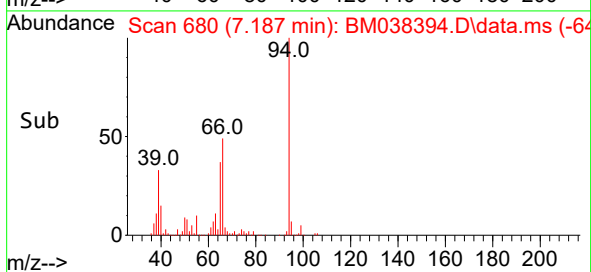
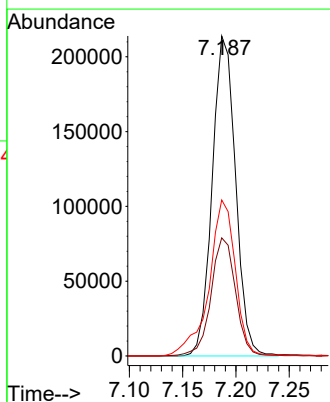
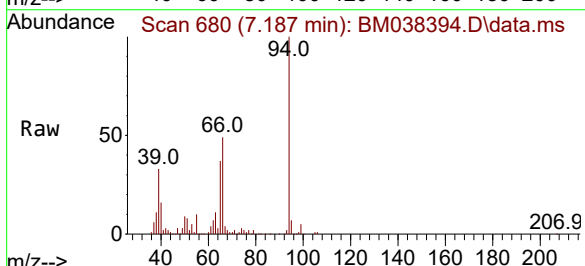
Instrument :
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ClientSampleId :
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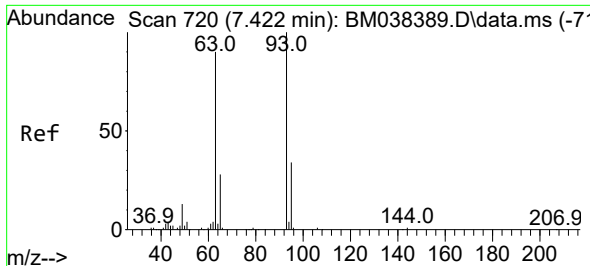
Tgt Ion: 77 Resp: 206546
Ion Ratio Lower Upper
77 100
105 79.4 64.5 96.7
106 75.5 60.6 90.8



#8
Phenol
Concen: 42.134 ng/ul
RT: 7.187 min Scan# 680
Delta R.T. -0.006 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion: 94 Resp: 325899
Ion Ratio Lower Upper
94 100
65 36.9 29.4 44.2
66 48.7 38.0 57.0

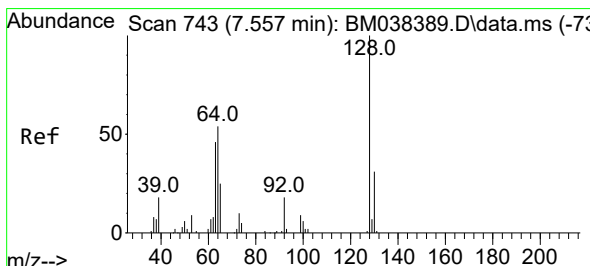
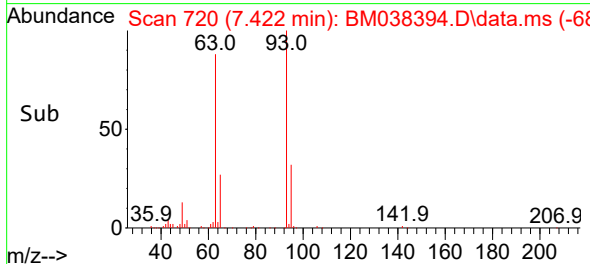
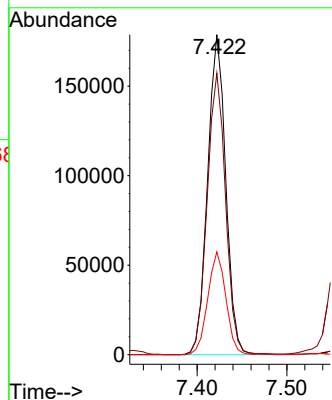
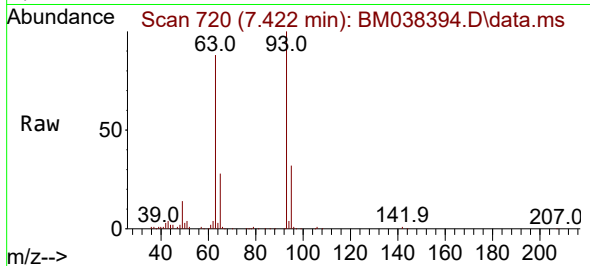




#10
Bis(2-Chloroethyl)ether
Concen: 40.670 ng/ul
RT: 7.422 min Scan# 720
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

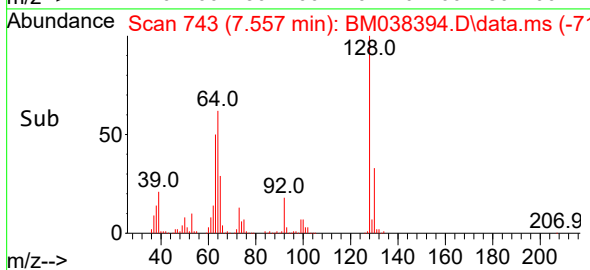
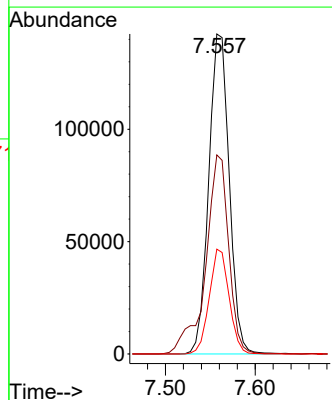
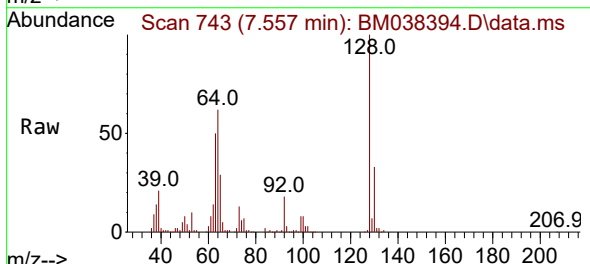
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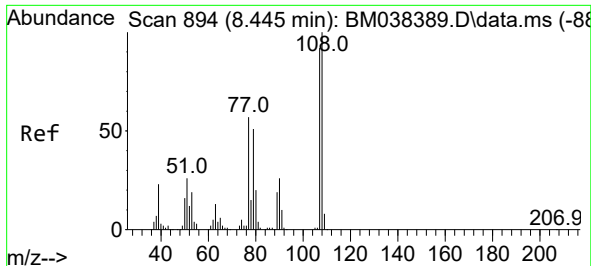
Tgt Ion: 93 Resp: 251875
Ion Ratio Lower Upper
93 100
63 87.9 69.6 104.4
95 32.2 26.6 40.0



#12
2-Chlorophenol
Concen: 41.611 ng/ul
RT: 7.557 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion:128 Resp: 225735
Ion Ratio Lower Upper
128 100
64 62.2 47.3 70.9
130 32.8 25.7 38.5

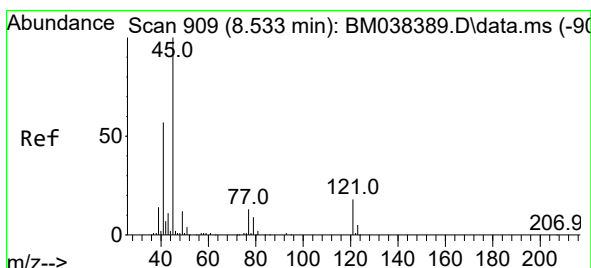
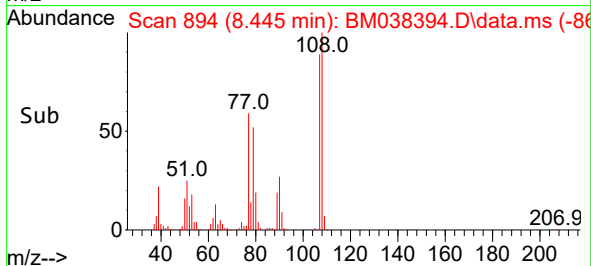
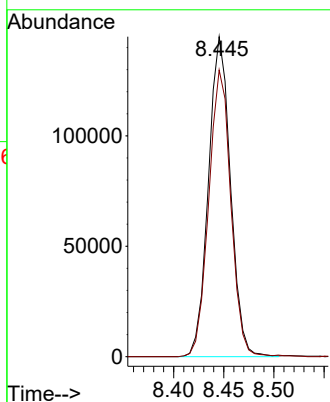
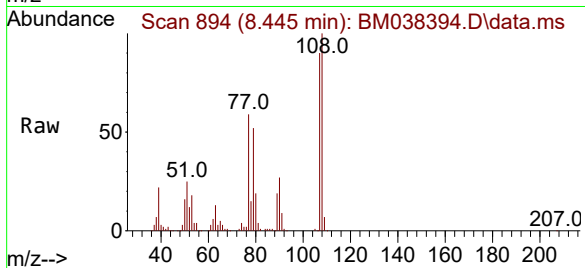




#13
2-Methylphenol
Concen: 40.089 ng/ul
RT: 8.445 min Scan# 894
Delta R.T. -0.006 min
Lab File: BM038394.D
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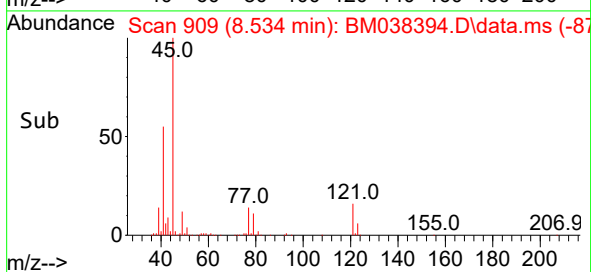
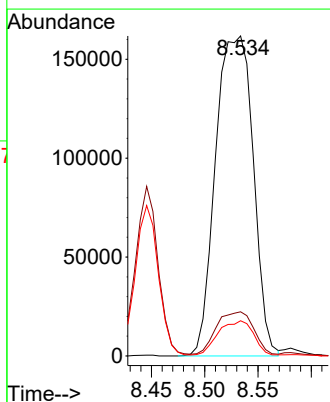
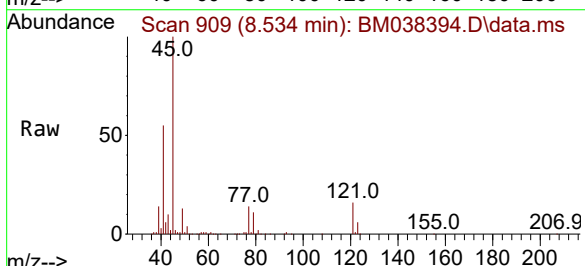
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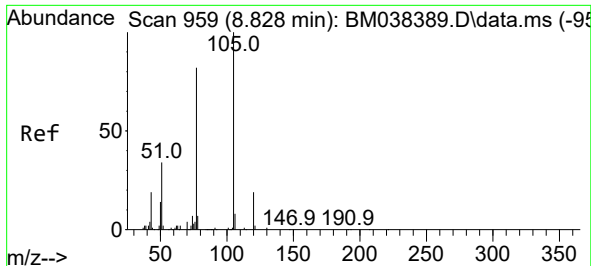
Tgt Ion:108 Resp: 221473
Ion Ratio Lower Upper
108 100
107 89.6 70.3 105.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 40.457 ng/ul
RT: 8.534 min Scan# 909
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion: 45 Resp: 397401
Ion Ratio Lower Upper
45 100
77 13.8 12.2 18.2
79 11.0 8.6 13.0

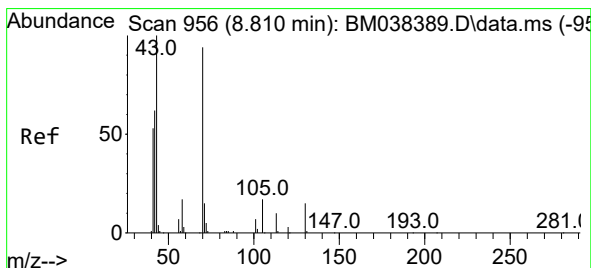
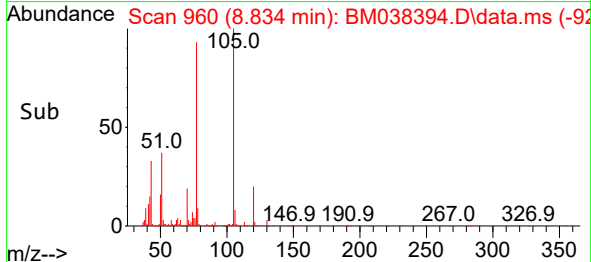
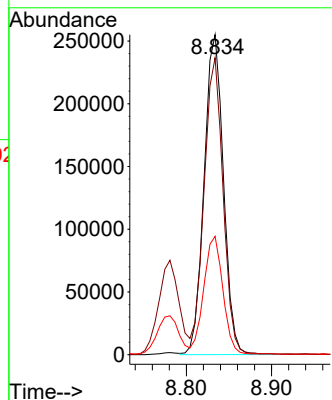
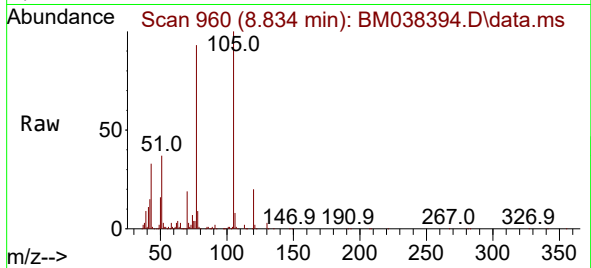




#16
Acetophenone
Concen: 40.166 ng/ul
RT: 8.834 min Scan# 960
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

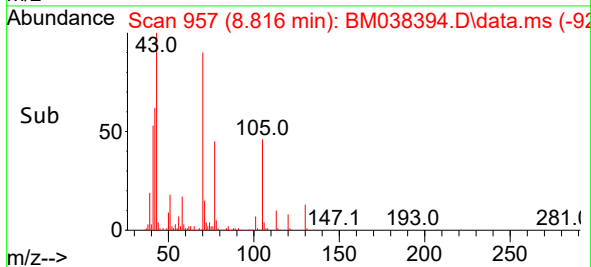
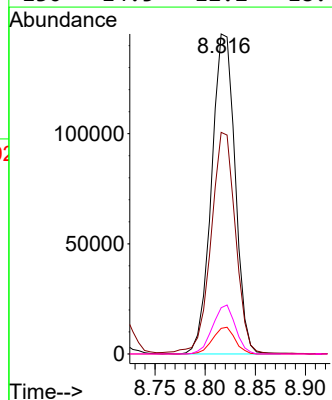
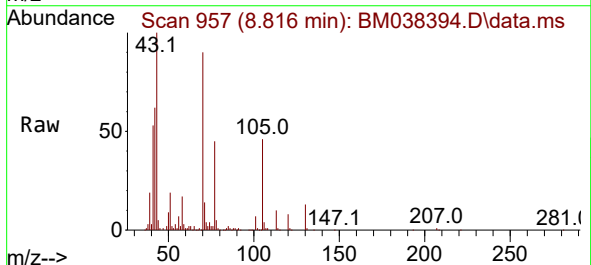
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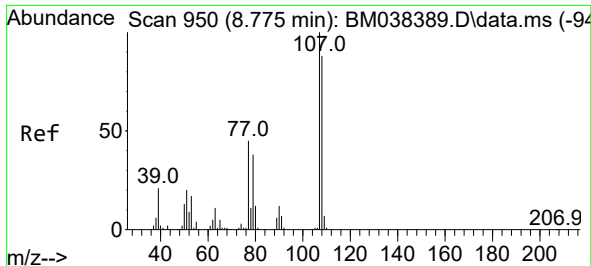
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Ion Ratio Lower Upper
105 100
77 92.8 71.9 107.9
51 37.0 29.1 43.7



#17
N-Nitroso-di-n-propylamine
Concen: 44.047 ng/ul
RT: 8.816 min Scan# 957
Delta R.T. 0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion: 70 Resp: 237631
Ion Ratio Lower Upper
70 100
42 69.3 53.0 79.6
101 8.0 7.2 10.8
130 14.5 12.2 18.4

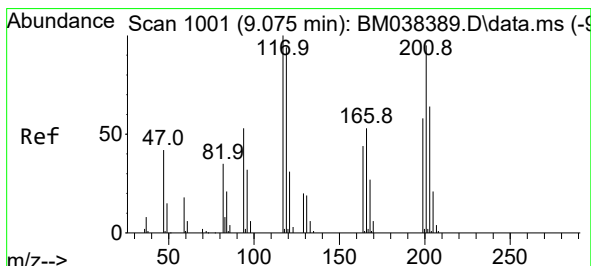
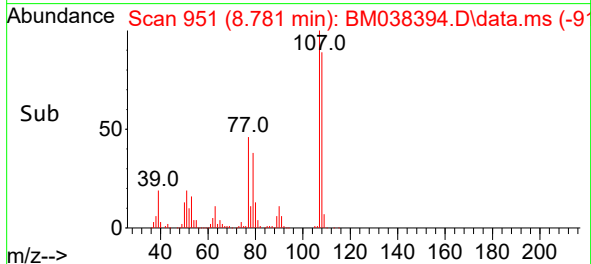
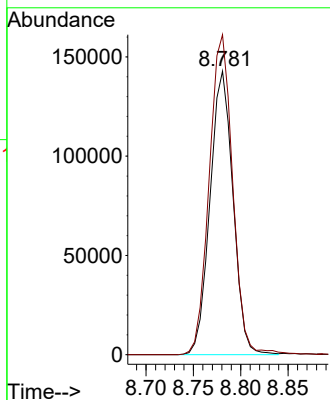
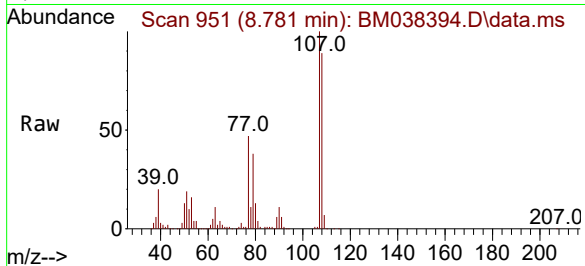




#18
4-Methylphenol
Concen: 40.136 ng/ul
RT: 8.781 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

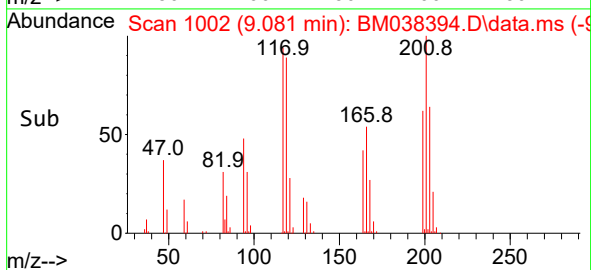
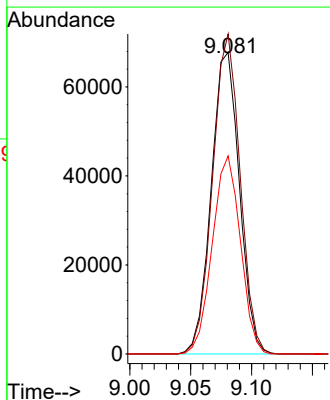
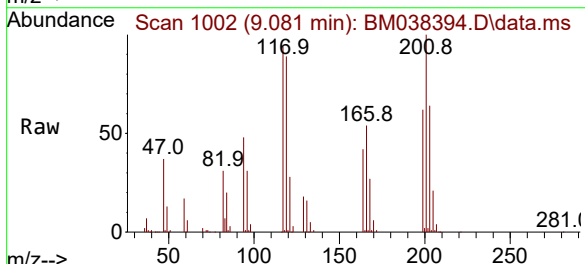
Instrument :
BNA_M
ClientSampleId :
A4433MS

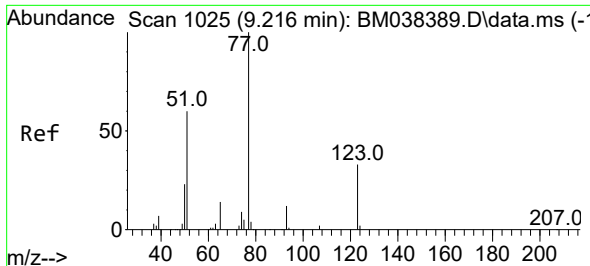
Tgt Ion:108 Resp: 241242
Ion Ratio Lower Upper
108 100
107 112.9 86.4 129.6



#19
Hexachloroethane
Concen: 43.216 ng/ul
RT: 9.081 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion:117 Resp: 109175
Ion Ratio Lower Upper
117 100
201 106.1 79.8 119.6
199 65.7 50.3 75.5

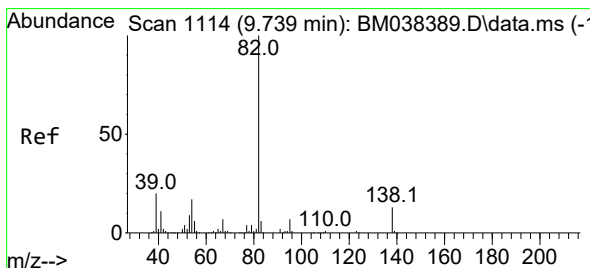
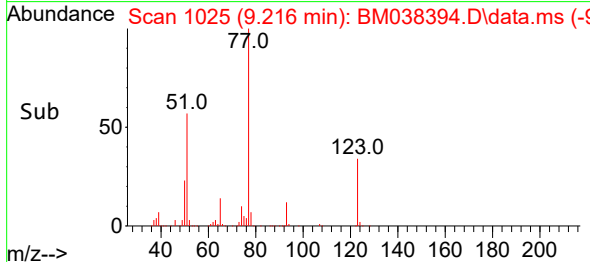
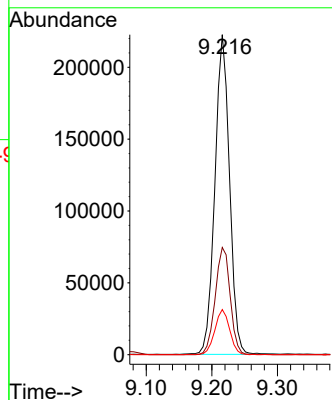
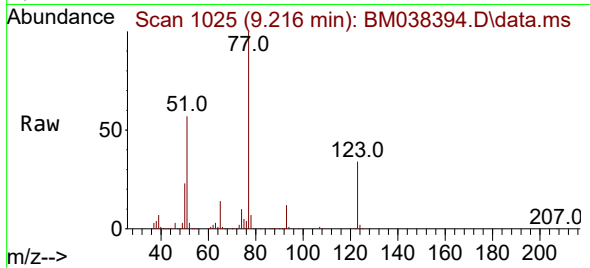




#22
Nitrobenzene
Concen: 39.116 ng/ul
RT: 9.216 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

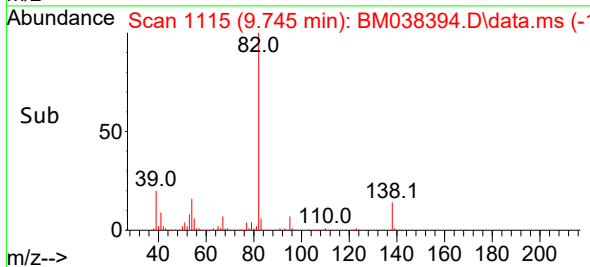
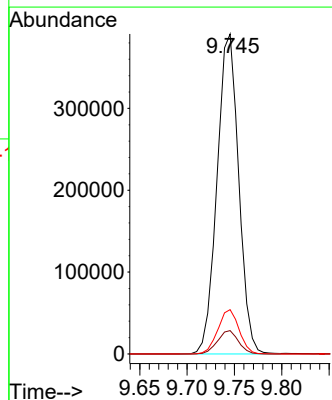
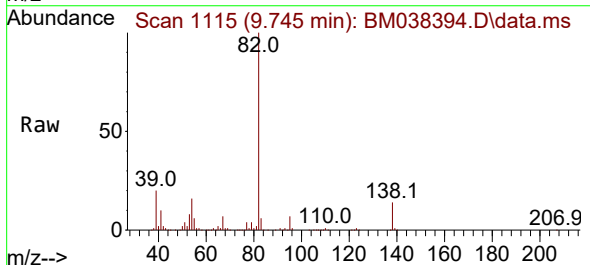
Instrument :
BNA_M
ClientSampleId :
A4433MS

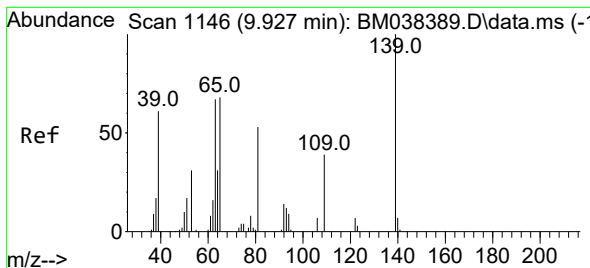
Tgt Ion: 77 Resp: 343753
Ion Ratio Lower Upper
77 100
123 33.5 26.9 40.3
65 14.1 12.1 18.1



#23
Isophorone
Concen: 41.347 ng/ul
RT: 9.745 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion: 82 Resp: 622942
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.0
138 13.9 11.1 16.7





#25

2-Nitrophenol

Concen: 41.813 ng/ul

RT: 9.928 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

Instrument :

BNA_M

ClientSampleId :

A4433MS

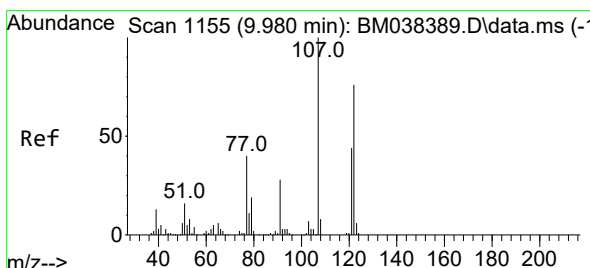
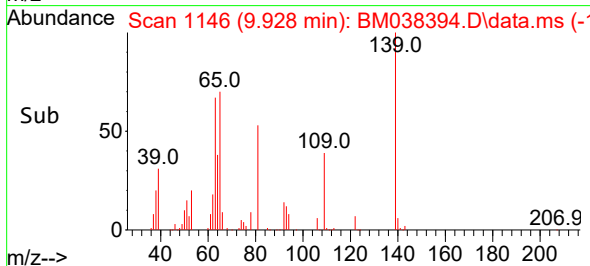
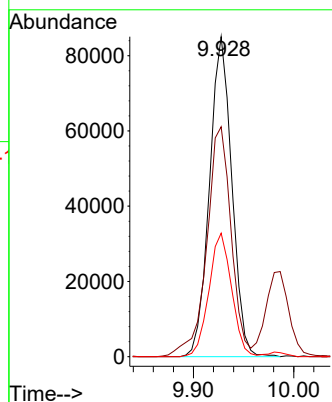
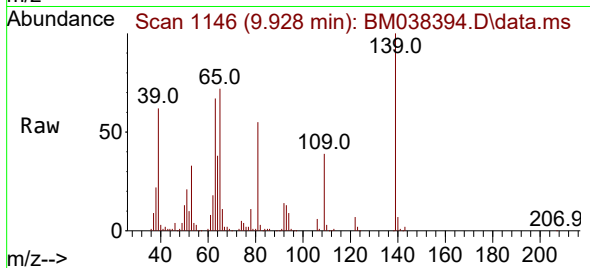
Tgt Ion:139 Resp: 131608

Ion Ratio Lower Upper

139 100

65 71.9 55.9 83.9

109 38.6 29.0 43.4



#26

2,4-Dimethylphenol

Concen: 40.722 ng/ul

RT: 9.986 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

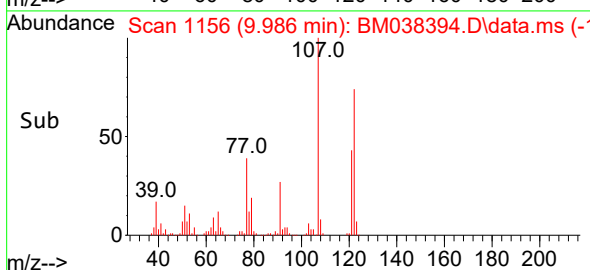
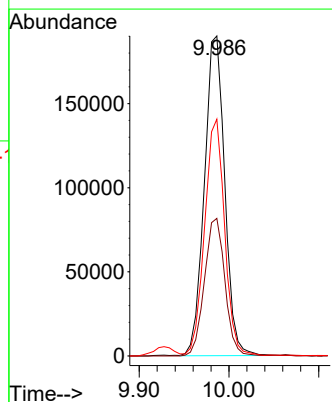
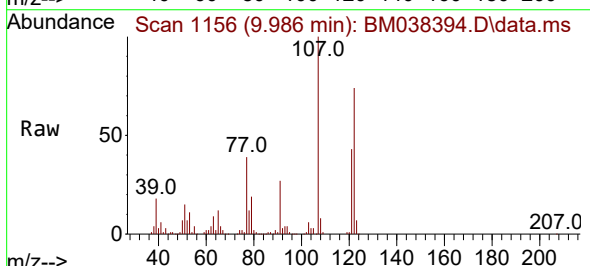
Tgt Ion:107 Resp: 299638

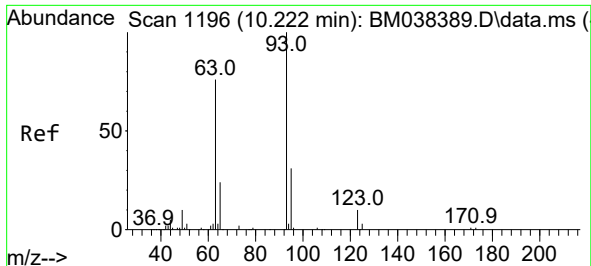
Ion Ratio Lower Upper

107 100

121 43.0 35.2 52.8

122 74.0 58.6 87.8

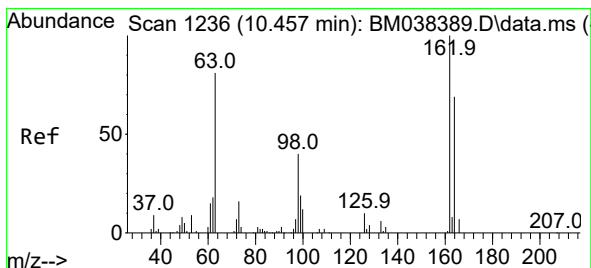
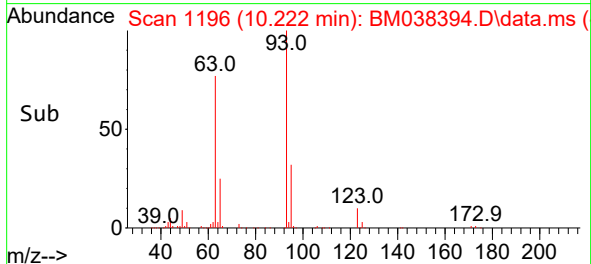
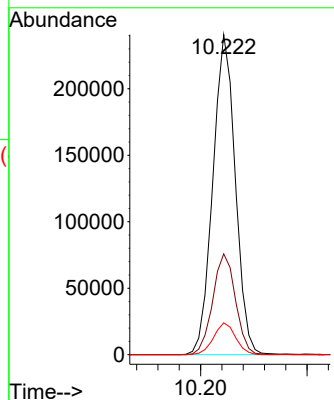
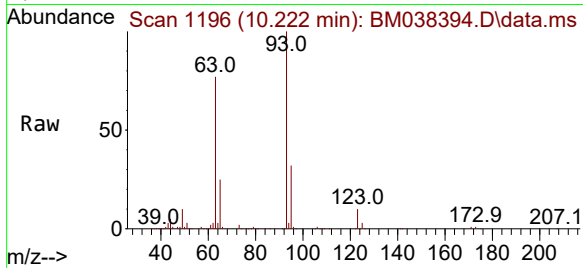




#27
 Bis(2-Chloroethoxy)methane
 Concen: 40.808 ng/ul
 RT: 10.222 min Scan# 1196
 Delta R.T. -0.000 min
 Lab File: BM038394.D
 Acq: 06 Jan 2023 19:59

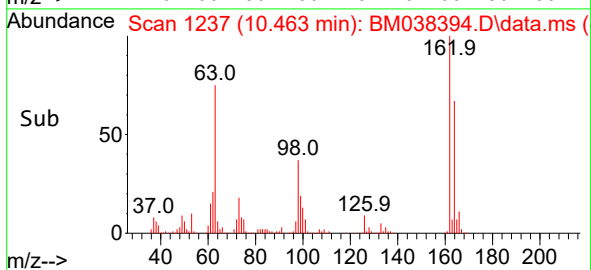
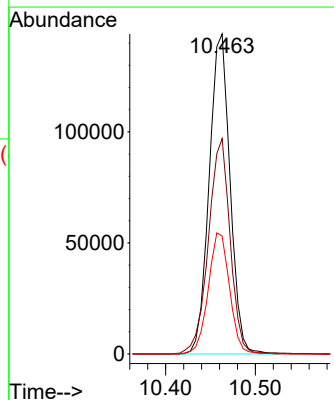
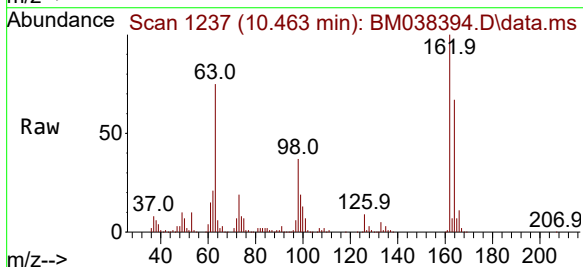
Instrument :
 BNA_M
 ClientSampleId :
 A4433MS

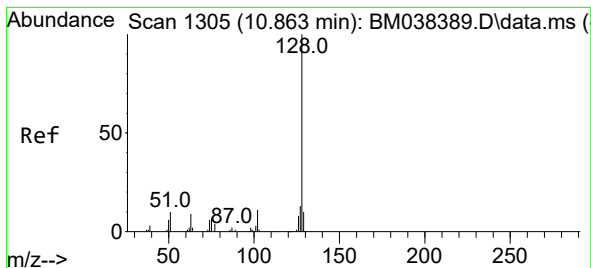
Tgt Ion: 93 Resp: 351784
 Ion Ratio Lower Upper
 93 100
 95 31.5 25.4 38.2
 123 10.0 7.5 11.3



#29
 2,4-Dichlorophenol
 Concen: 41.054 ng/ul
 RT: 10.463 min Scan# 1237
 Delta R.T. 0.000 min
 Lab File: BM038394.D
 Acq: 06 Jan 2023 19:59

Tgt Ion: 162 Resp: 232950
 Ion Ratio Lower Upper
 162 100
 164 67.3 51.8 77.8
 98 36.9 30.6 45.8





#30

Naphthalene

Concen: 39.356 ng/ul

RT: 10.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

Instrument :

BNA_M

ClientSampleId :

A4433MS

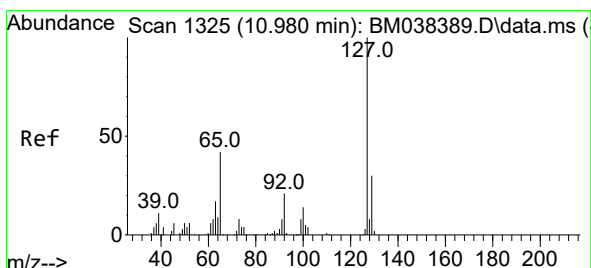
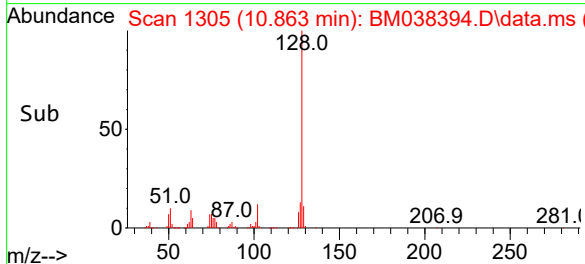
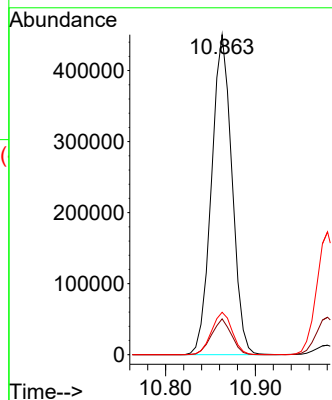
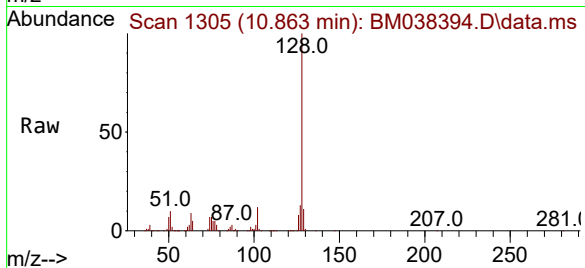
Tgt Ion:128 Resp: 712923

Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

127 13.3 10.5 15.7



#32

4-Chloroaniline

Concen: 34.219 ng/ul

RT: 10.981 min Scan# 1325

Delta R.T. -0.000 min

Lab File: BM038394.D

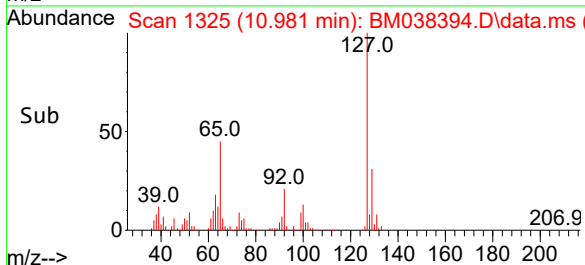
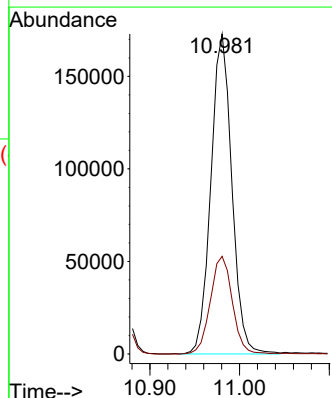
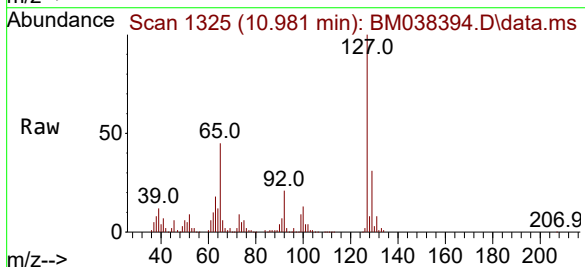
Acq: 06 Jan 2023 19:59

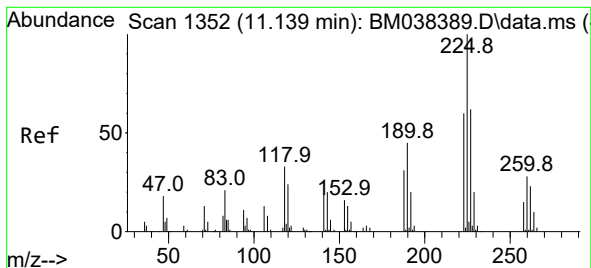
Tgt Ion:127 Resp: 280772

Ion Ratio Lower Upper

127 100

129 30.5 26.2 39.2





#33

Hexachlorobutadiene

Concen: 41.443 ng/ul

RT: 11.133 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

Instrument :

BNA_M

ClientSampleId :

A4433MS

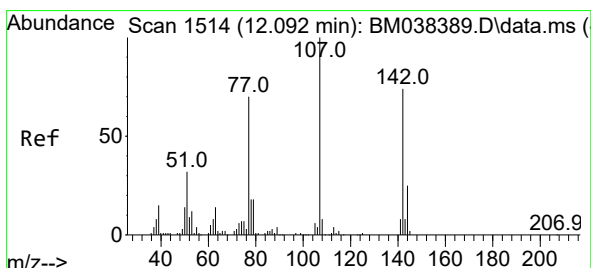
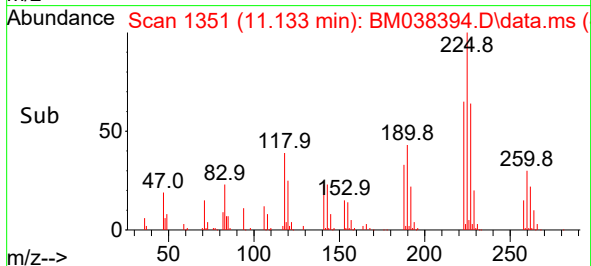
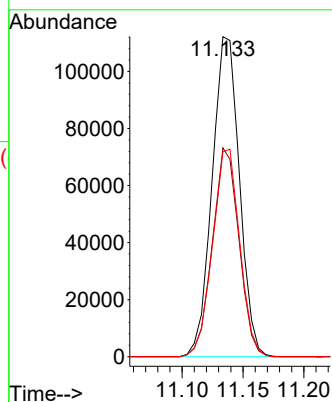
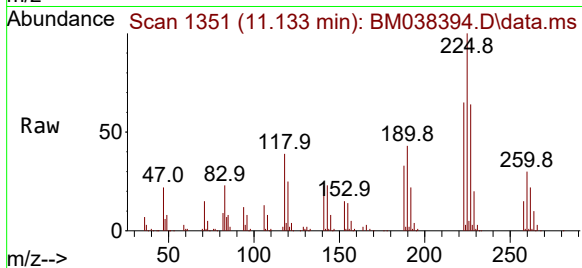
Tgt Ion:225 Resp: 175080

Ion Ratio Lower Upper

225 100

223 65.2 52.6 78.8

227 64.0 48.2 72.4



#35

4-Chloro-3-methylphenol

Concen: 43.261 ng/ul

RT: 12.098 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

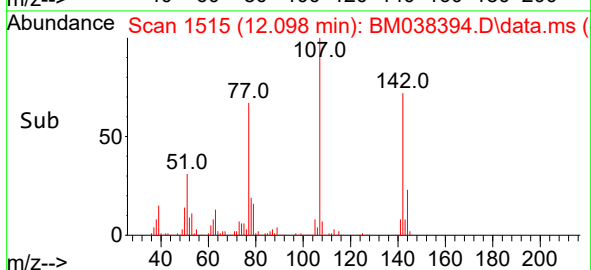
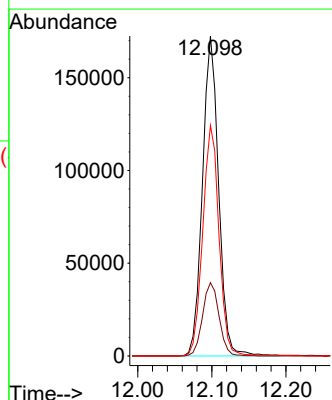
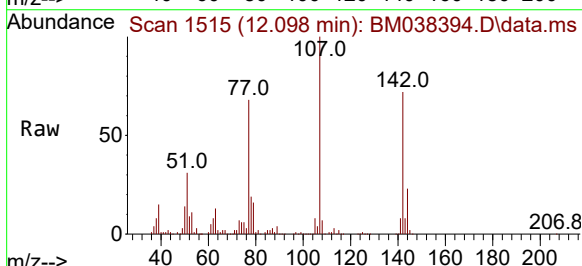
Tgt Ion:107 Resp: 261196

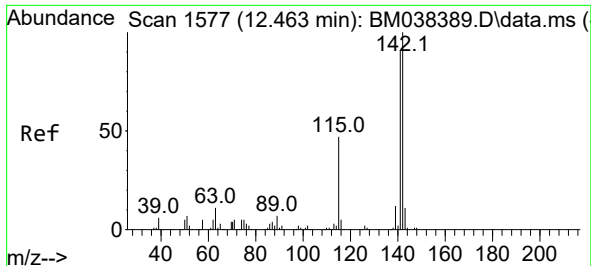
Ion Ratio Lower Upper

107 100

144 22.9 18.1 27.1

142 72.1 57.4 86.2

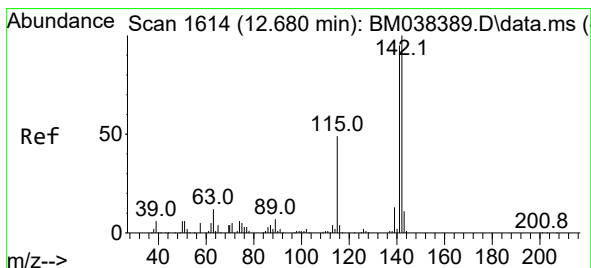
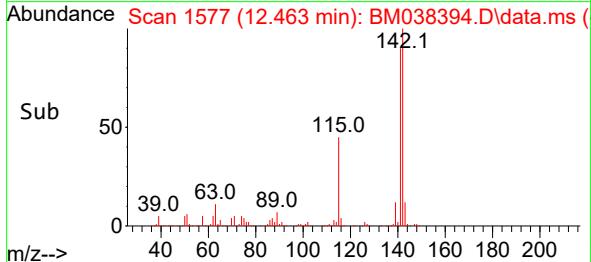
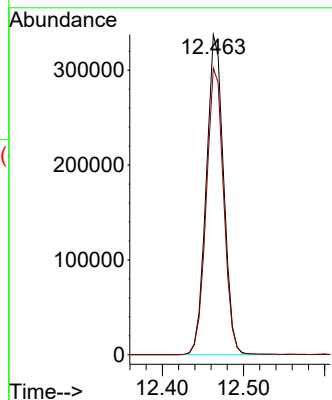
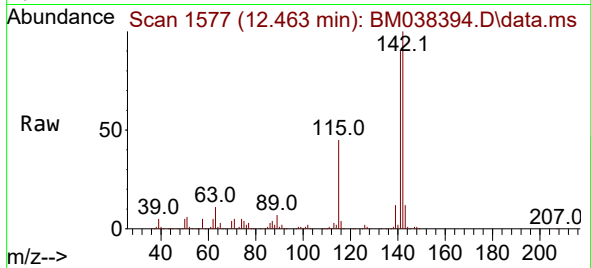




#36
2-Methylnaphthalene
Concen: 42.290 ng/ul
RT: 12.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

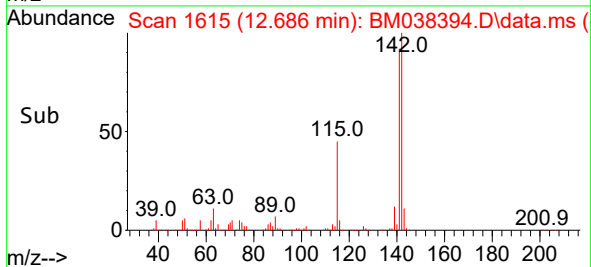
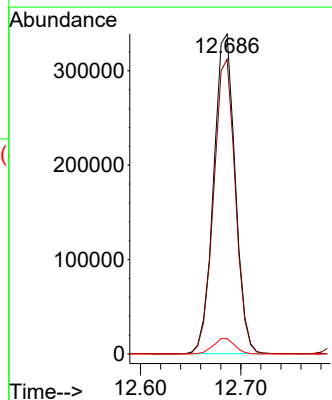
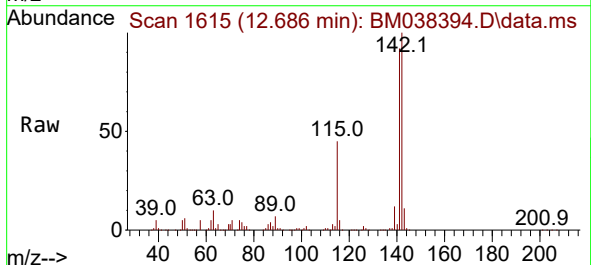
Instrument :
BNA_M
ClientSampleId :
A4433MS

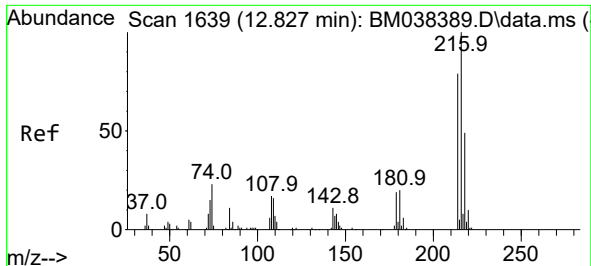
Tgt Ion:142 Resp: 499360
Ion Ratio Lower Upper
142 100
141 89.6 73.2 109.8



#37
1-Methylnaphthalene
Concen: 41.392 ng/ul
RT: 12.686 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion:142 Resp: 505664
Ion Ratio Lower Upper
142 100
141 92.1 75.9 113.9
116 4.8 4.2 6.2

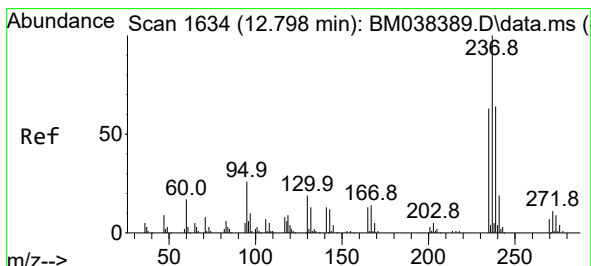
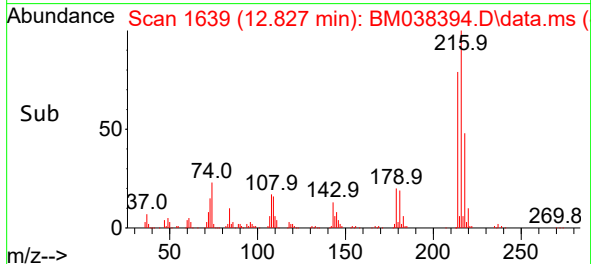
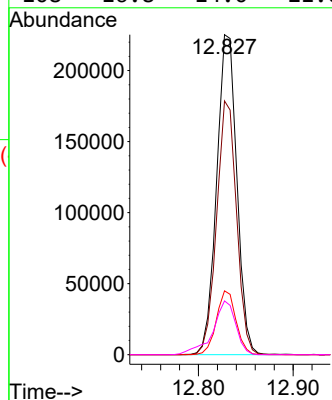
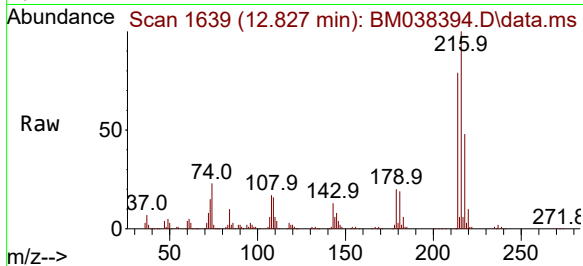




#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.431 ng/ul
RT: 12.827 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

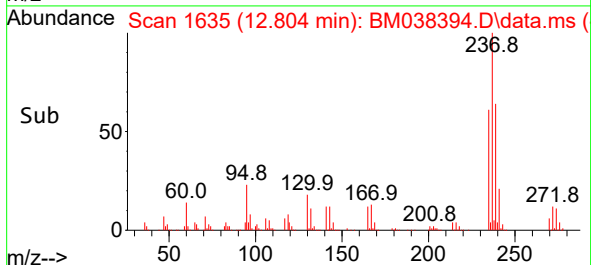
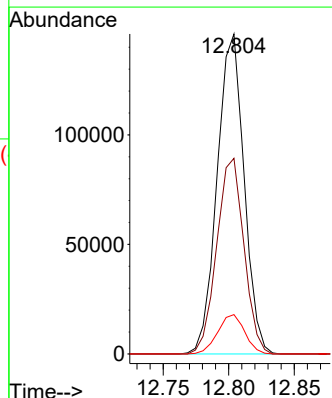
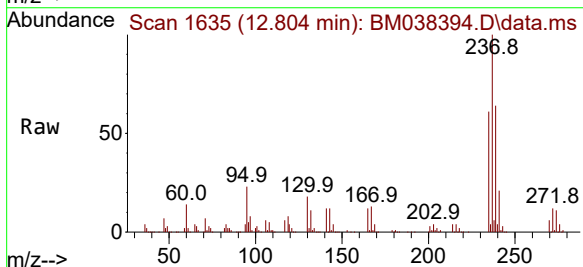
Instrument :
BNA_M
ClientSampleId :
A4433MS

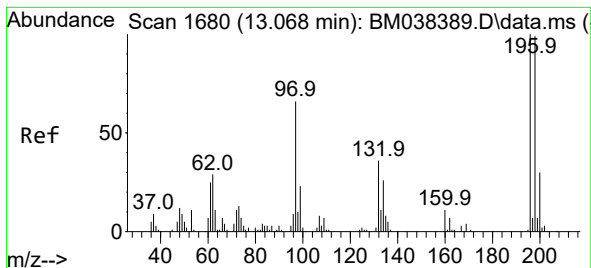
Tgt Ion:	216	Resp:	334815
Ion Ratio	Lower	Upper	
216	100		
214	79.3	62.0	93.0
179	19.9	15.6	23.4
108	16.8	14.0	21.0



#40
Hexachlorocyclopentadiene
Concen: 35.647 ng/ul
RT: 12.804 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion:	237	Resp:	208488
Ion Ratio	Lower	Upper	
237	100		
235	61.2	51.0	76.4
272	12.3	10.2	15.4





#41

2,4,6-Trichlorophenol

Concen: 41.741 ng/ul

RT: 13.075 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

Instrument :

BNA_M

ClientSampleId :

A4433MS

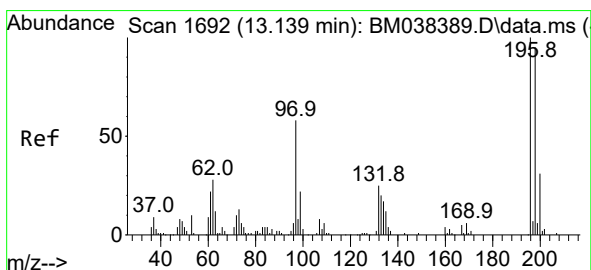
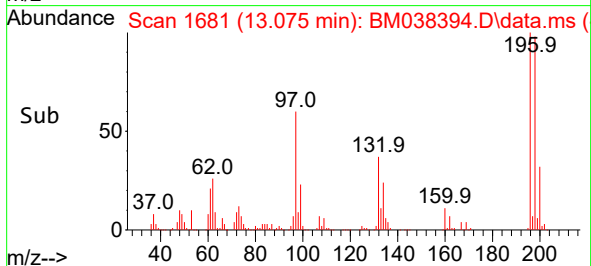
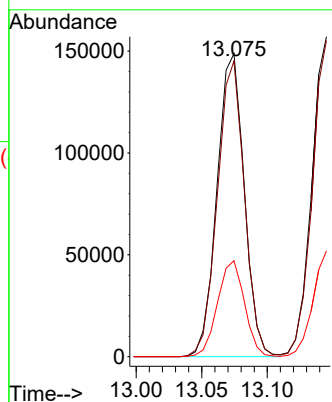
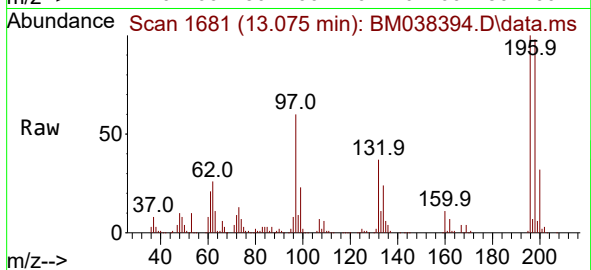
Tgt Ion:196 Resp: 214547

Ion Ratio Lower Upper

196 100

198 97.6 77.7 116.5

200 31.7 25.0 37.4



#42

2,4,5-Trichlorophenol

Concen: 41.293 ng/ul

RT: 13.145 min Scan# 1693

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

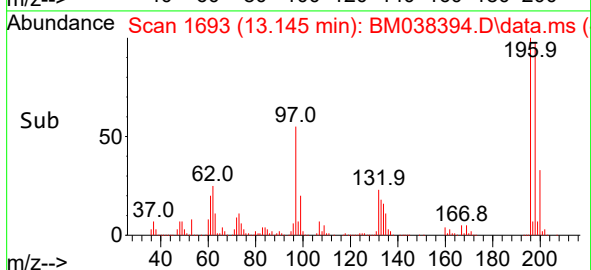
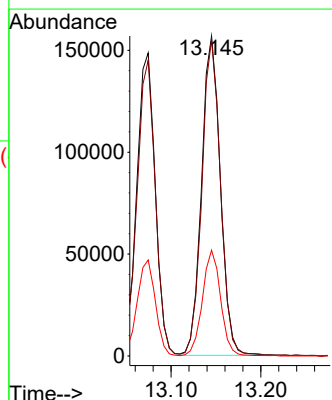
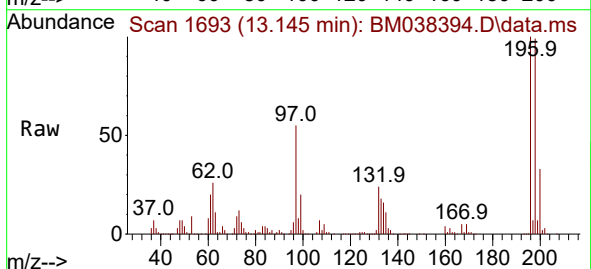
Tgt Ion:196 Resp: 227467

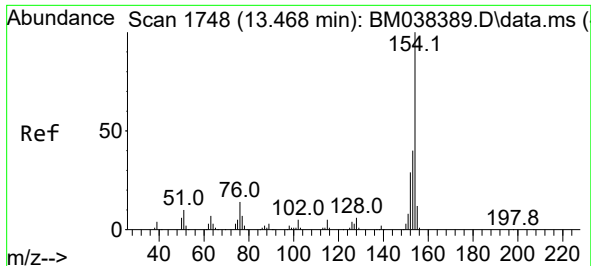
Ion Ratio Lower Upper

196 100

198 98.8 76.6 115.0

200 33.1 25.4 38.2

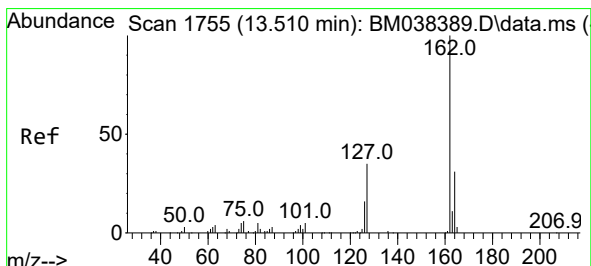
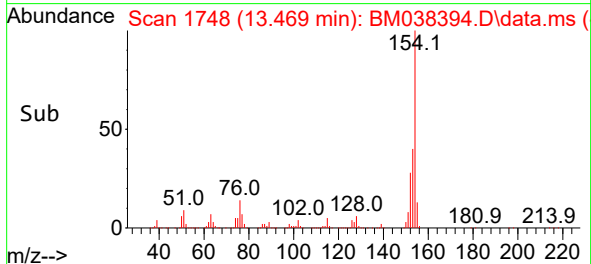
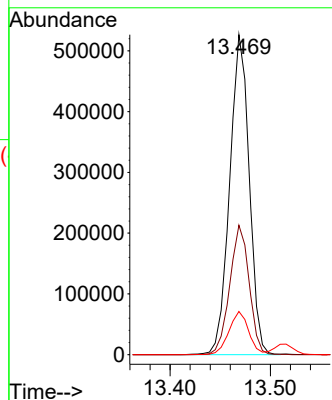
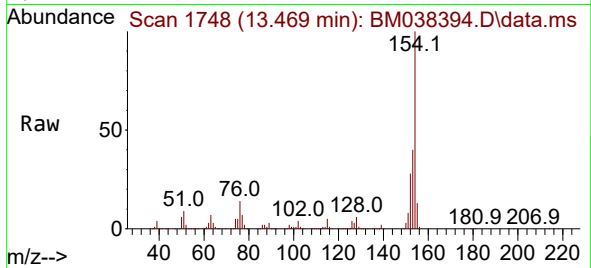




#43
1,1'-Biphenyl
Concen: 40.211 ng/ul
RT: 13.469 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

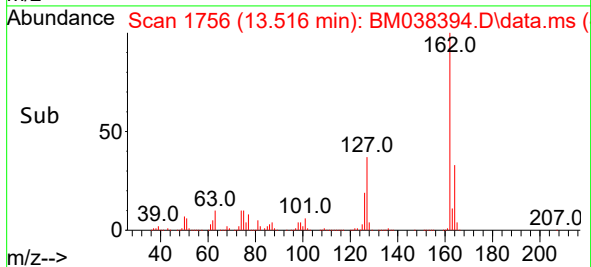
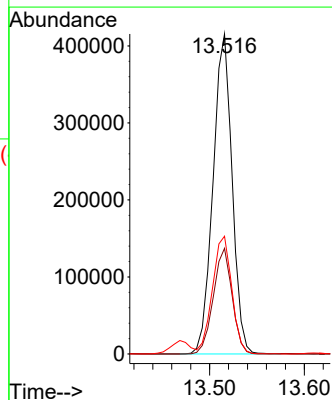
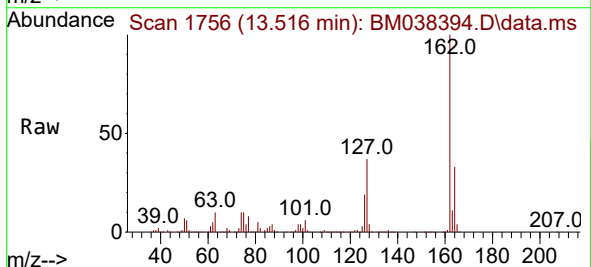
Instrument :
BNA_M
ClientSampleId :
A4433MS

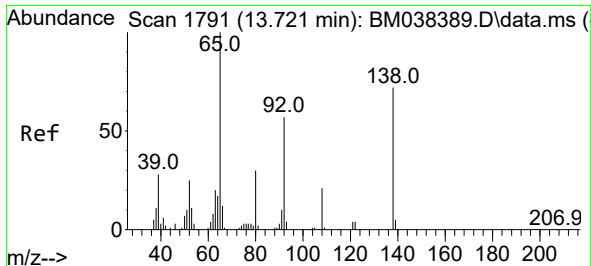
Tgt Ion:154 Resp: 711916
Ion Ratio Lower Upper
154 100
153 40.5 32.6 49.0
76 13.5 11.6 17.4



#44
2-Chloronaphthalene
Concen: 40.149 ng/ul
RT: 13.516 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion:162 Resp: 580407
Ion Ratio Lower Upper
162 100
164 33.0 26.6 39.8
127 36.8 29.7 44.5

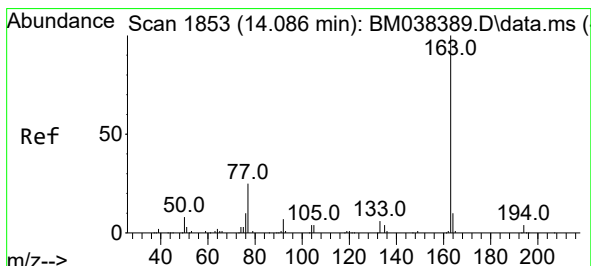
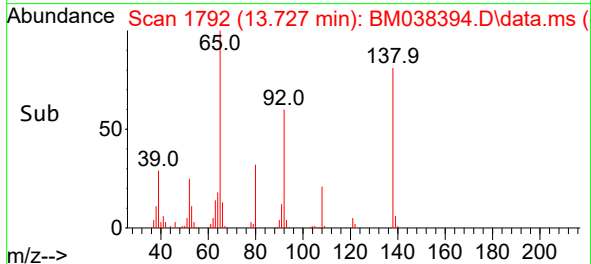
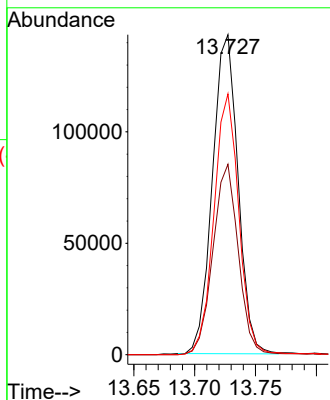
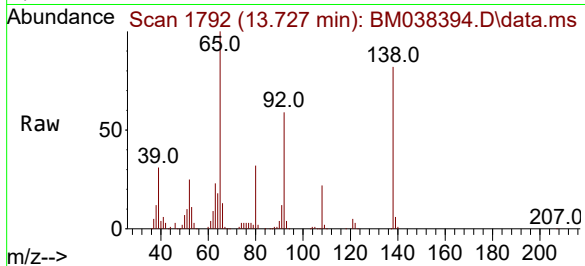




#45
2-Nitroaniline
Concen: 43.233 ng/ul
RT: 13.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

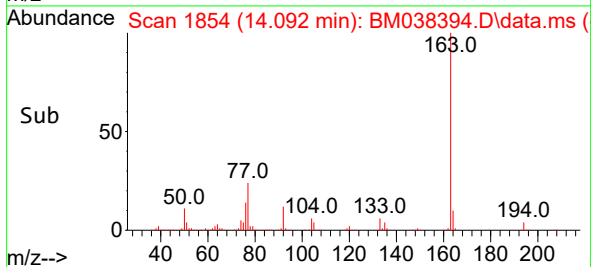
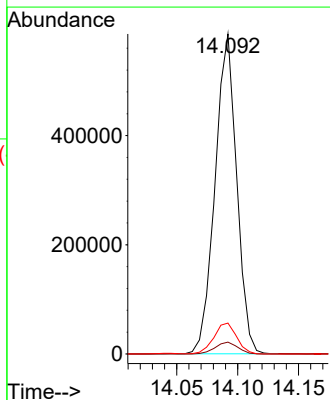
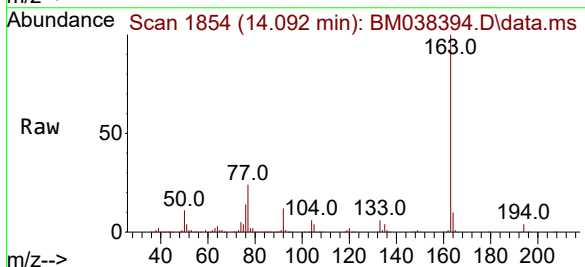
Instrument :
BNA_M
ClientSampleId :
A4433MS

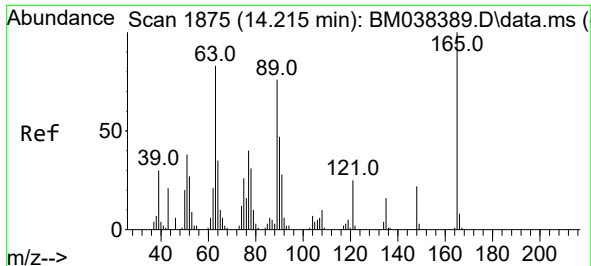
Tgt Ion: 65 Resp: 209064
Ion Ratio Lower Upper
65 100
92 59.5 47.6 71.4
138 81.5 64.6 96.8



#47
Dimethylphthalate
Concen: 40.327 ng/ul
RT: 14.092 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion:163 Resp: 725896
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.7 8.2 12.2

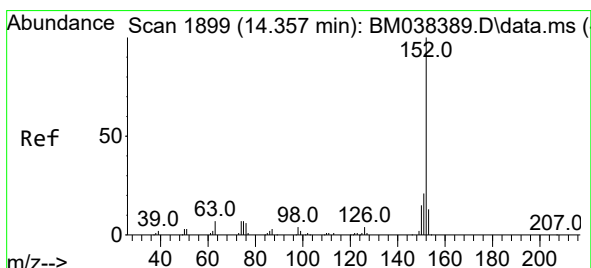
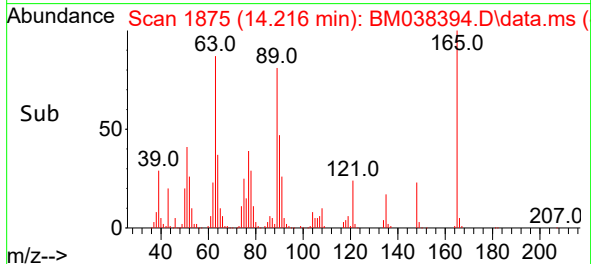
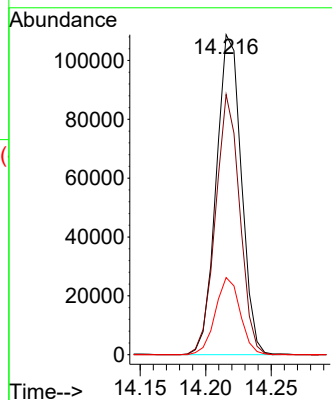
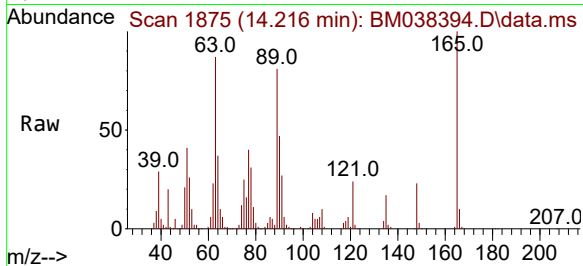




#48
2,6-Dinitrotoluene
Concen: 42.291 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

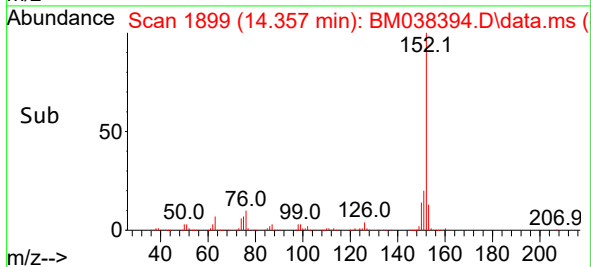
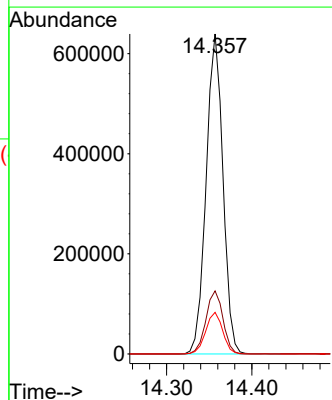
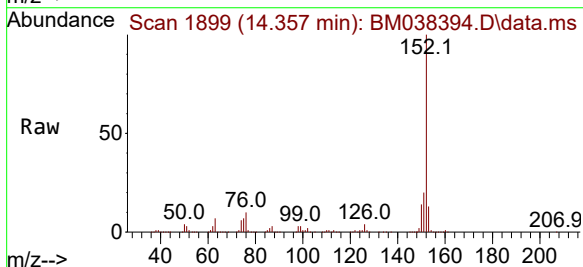
Instrument :
BNA_M
ClientSampleId :
A4433MS

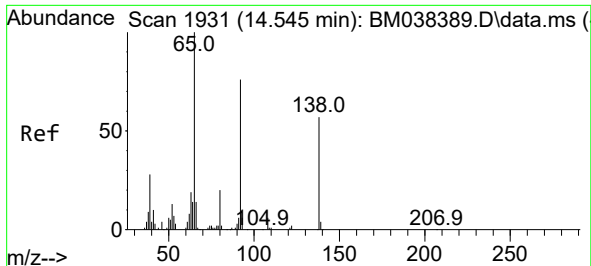
Tgt Ion:165 Resp: 144948
Ion Ratio Lower Upper
165 100
89 81.3 66.2 99.2
121 24.1 18.9 28.3



#50
Acenaphthylene
Concen: 39.965 ng/ul
RT: 14.357 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion:152 Resp: 876406
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.0 10.2 15.4

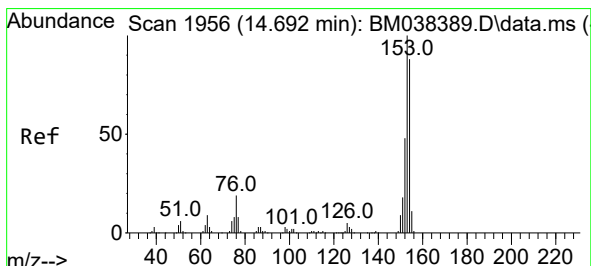
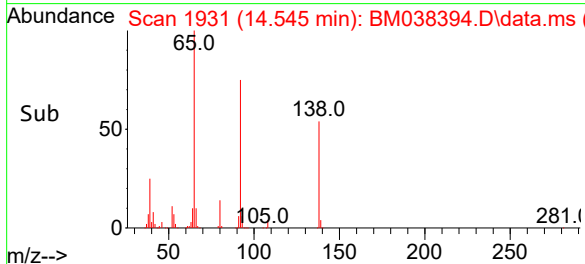
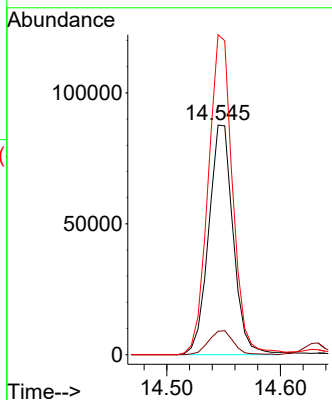
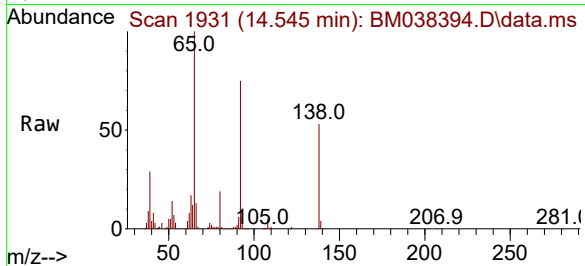




#51
3-Nitroaniline
Concen: 41.658 ng/ul
RT: 14.545 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

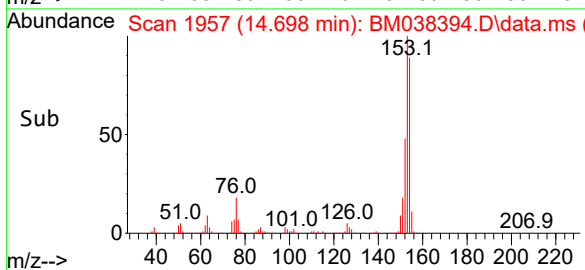
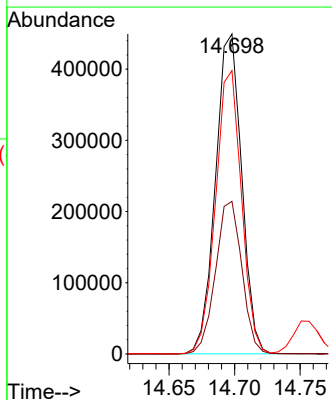
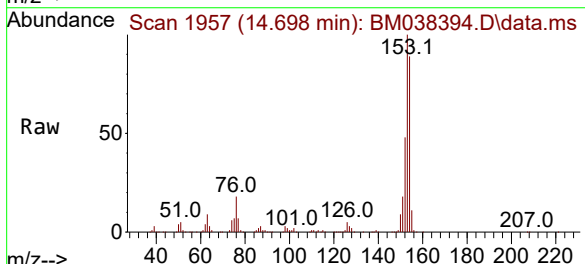
Instrument :
BNA_M
ClientSampleId :
A4433MS

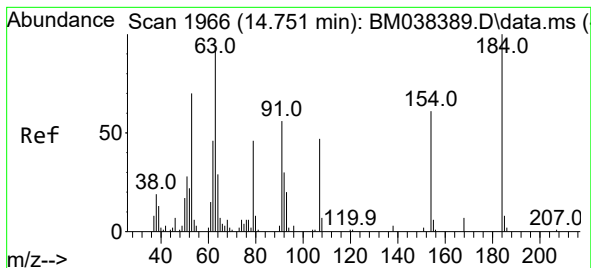
Tgt Ion:138 Resp: 131469
Ion Ratio Lower Upper
138 100
108 10.2 8.6 12.8
92 139.4 111.4 167.2



#52
Acenaphthene
Concen: 40.261 ng/ul
RT: 14.698 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion:153 Resp: 624764
Ion Ratio Lower Upper
153 100
152 47.7 40.1 60.1
154 88.6 69.0 103.6

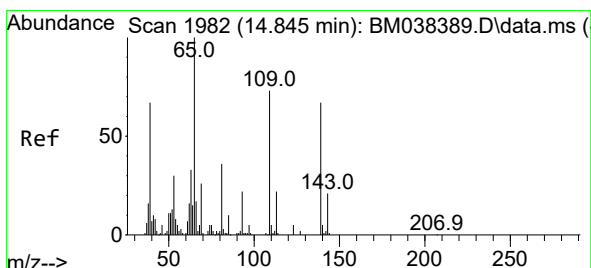
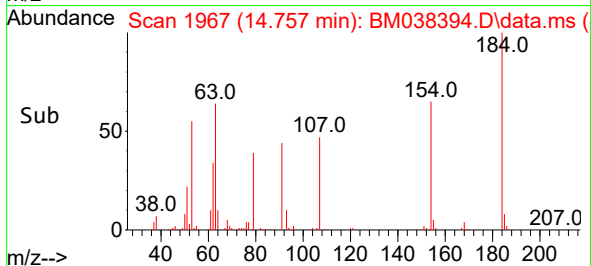
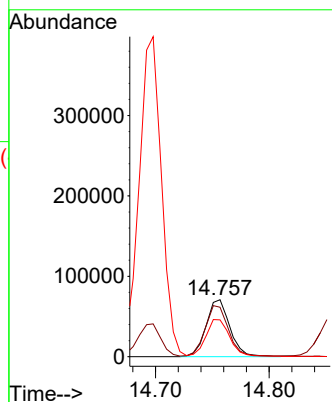
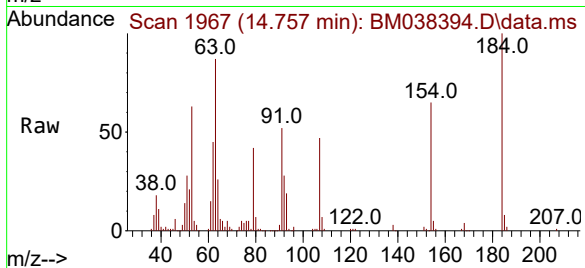




#53
2,4-Dinitrophenol
Concen: 40.179 ng/ul
RT: 14.757 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

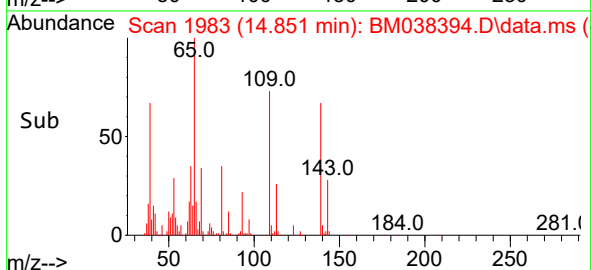
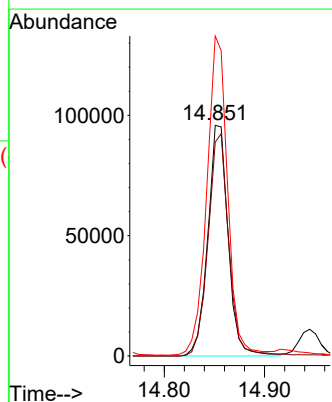
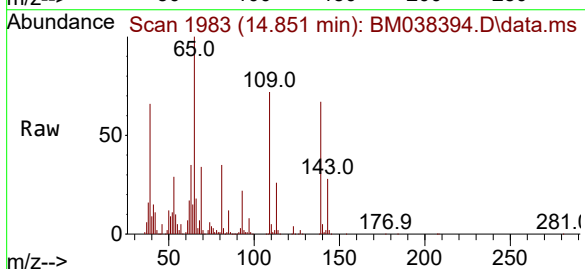
Instrument :
BNA_M
ClientSampleId :
A4433MS

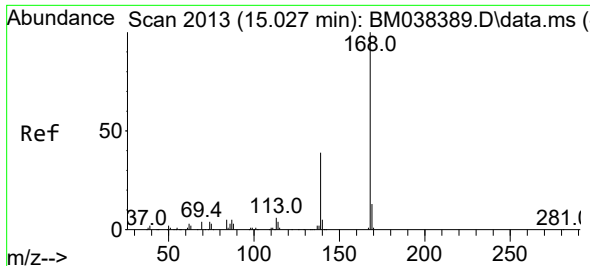
Tgt Ion:184 Resp: 102956
Ion Ratio Lower Upper
184 100
63 86.9 69.1 103.7
154 64.5 54.5 81.7



#55
4-Nitrophenol
Concen: 40.554 ng/ul
RT: 14.851 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion:109 Resp: 135552
Ion Ratio Lower Upper
109 100
139 92.7 79.1 118.7
65 138.8 108.6 162.8

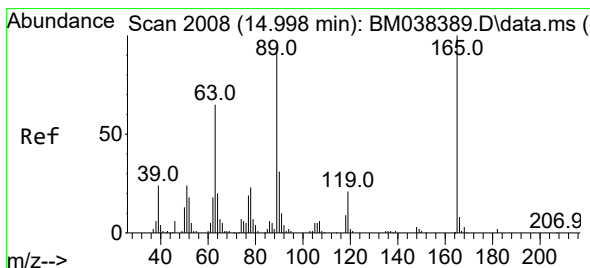
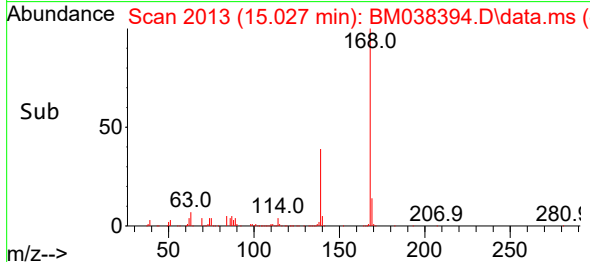
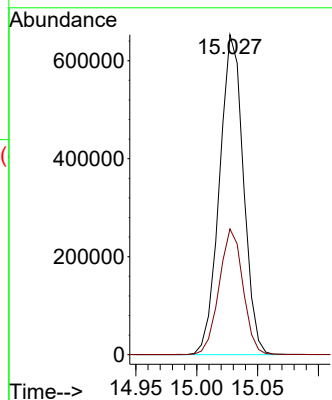
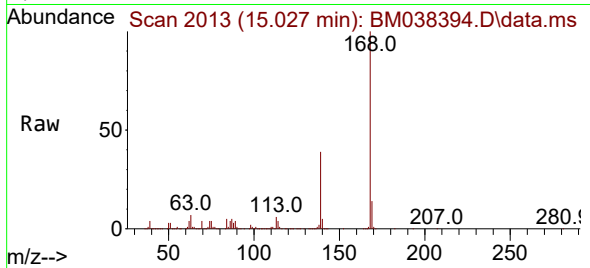




#56
Dibenzofuran
Concen: 40.552 ng/ul
RT: 15.027 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

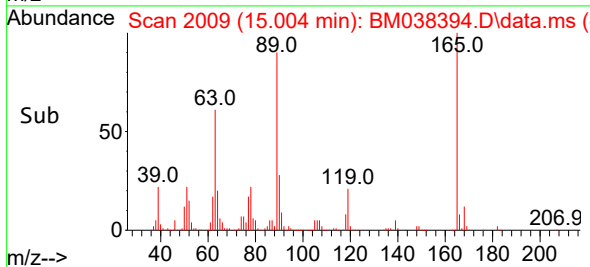
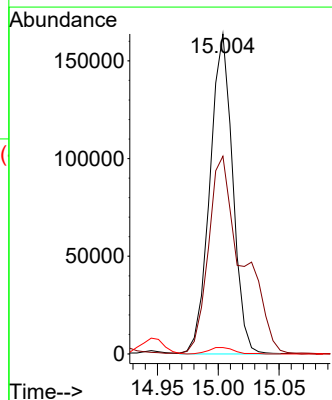
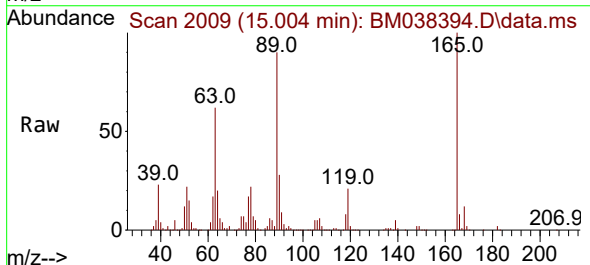
Instrument :
BNA_M
ClientSampleId :
A4433MS

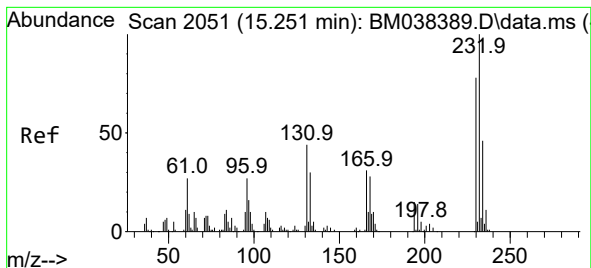
Tgt Ion:168 Resp: 894346
Ion Ratio Lower Upper
168 100
139 39.3 30.5 45.7



#57
2,4-Dinitrotoluene
Concen: 42.671 ng/ul
RT: 15.004 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion:165 Resp: 213967
Ion Ratio Lower Upper
165 100
63 61.8 46.9 70.3
182 2.0 1.3 1.9#



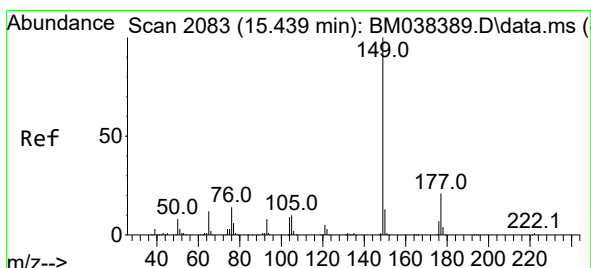
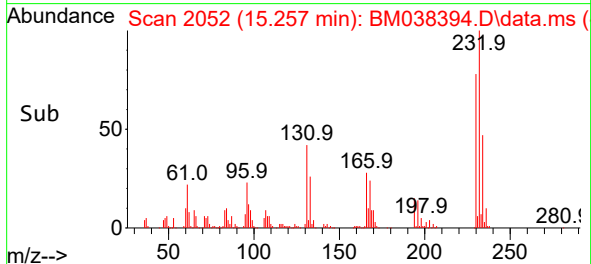
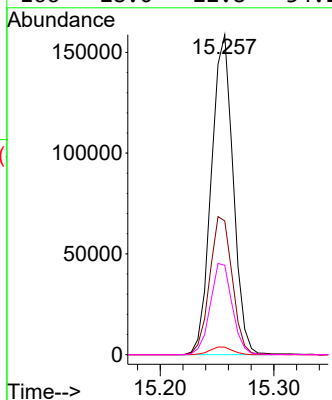
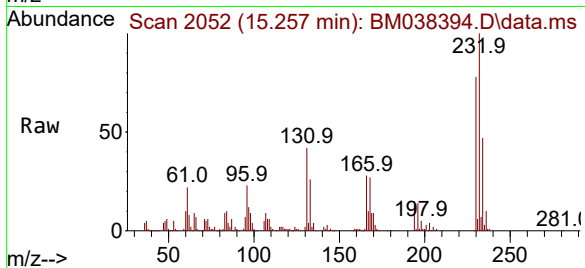


#58
2,3,4,6-Tetrachlorophenol
Concen: 43.091 ng/ul
RT: 15.257 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Instrument :
BNA_M
ClientSampleId :
A4433MS

Tgt Ion:232 Resp: 212021

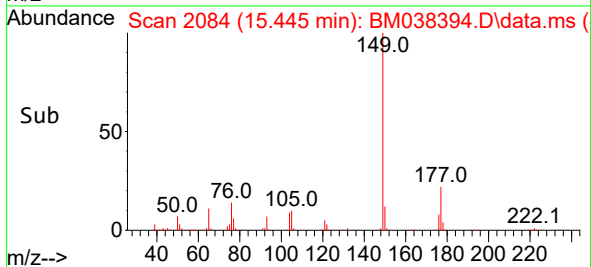
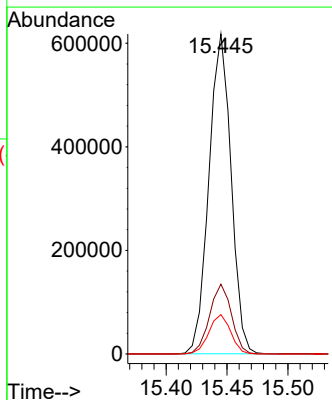
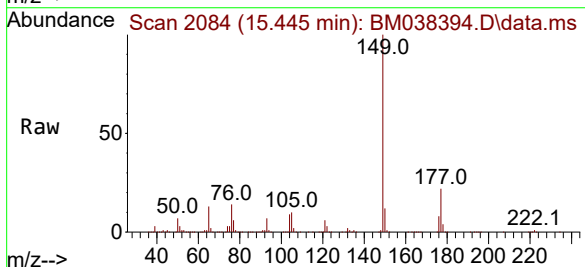
Ion	Ratio	Lower	Upper
232	100		
131	41.8	34.4	51.6
130	2.4	2.2	3.4
166	28.0	22.8	34.2

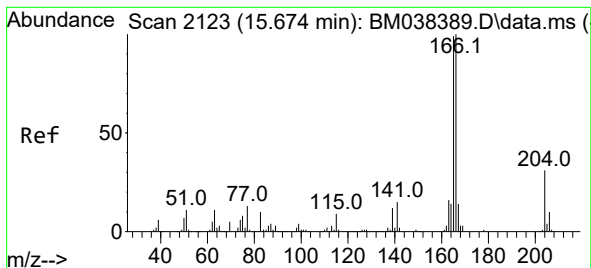


#59
Diethylphthalate
Concen: 42.011 ng/ul
RT: 15.445 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion:149 Resp: 783793

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.0	25.4
150	12.3	9.8	14.8





#61

Fluorene

Concen: 42.884 ng/ul

RT: 15.674 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

Instrument :

BNA_M

ClientSampleId :

A4433MS

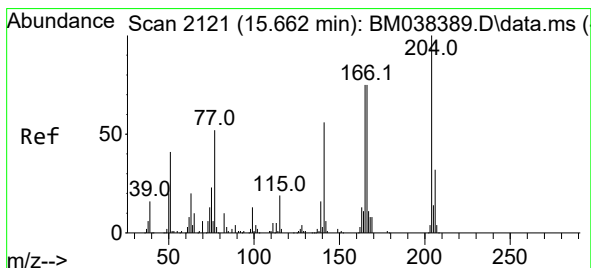
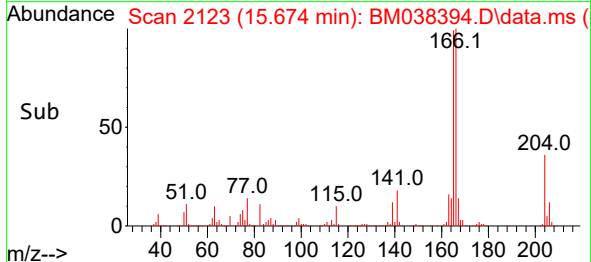
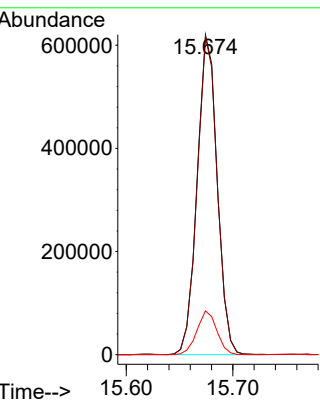
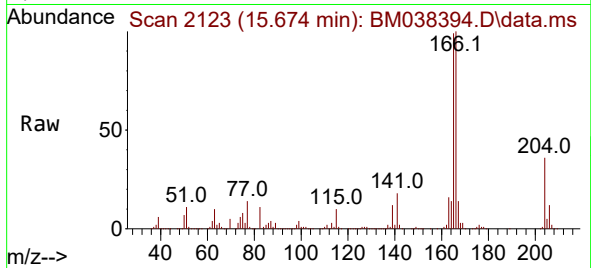
Tgt Ion:166 Resp: 811972

Ion Ratio Lower Upper

166 100

165 99.4 78.7 118.1

167 13.7 11.0 16.6



#62

4-Chlorophenyl-phenylether

Concen: 43.475 ng/ul

RT: 15.668 min Scan# 2122

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

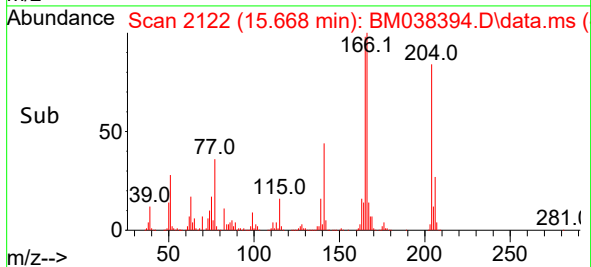
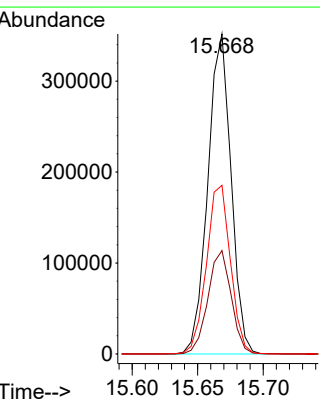
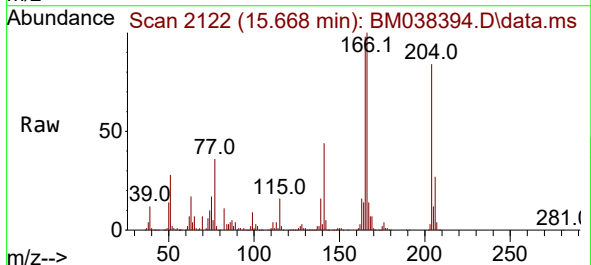
Tgt Ion:204 Resp: 433250

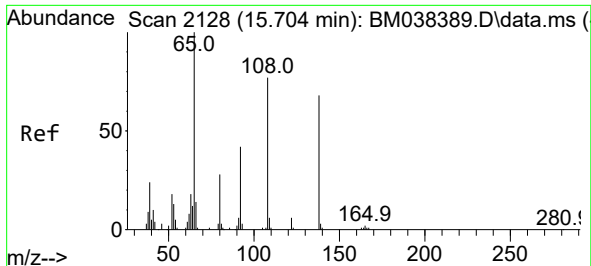
Ion Ratio Lower Upper

204 100

206 32.3 26.8 40.2

141 52.7 42.9 64.3

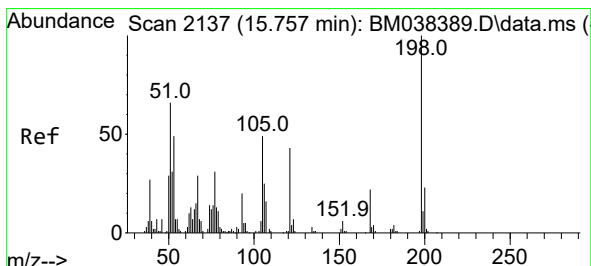
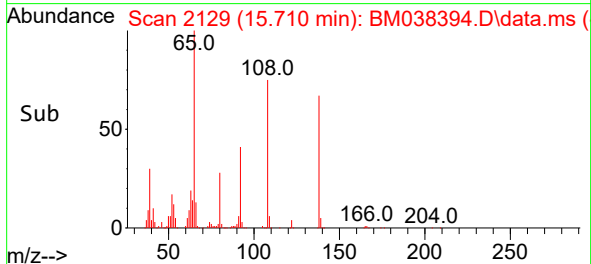
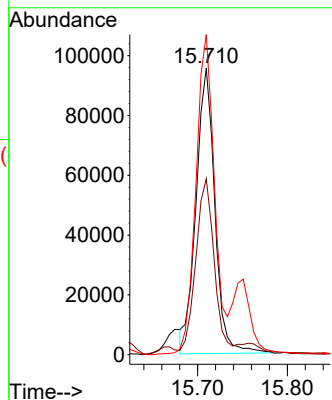
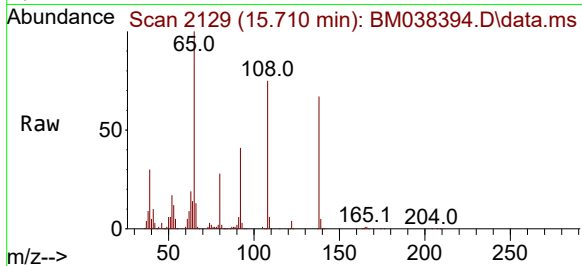




#63
4-Nitroaniline
Concen: 46.153 ng/ul
RT: 15.710 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

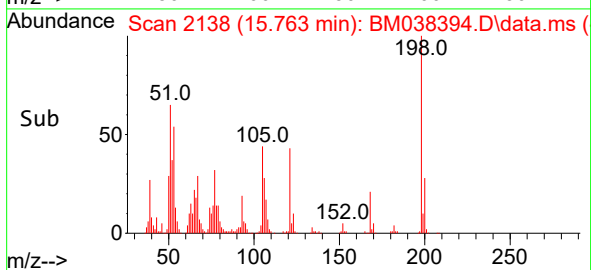
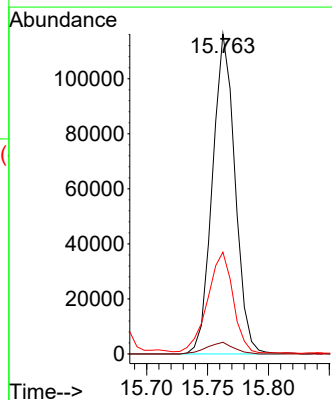
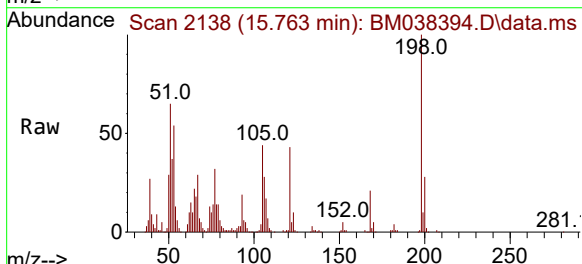
Instrument :
BNA_M
ClientSampleId :
A4433MS

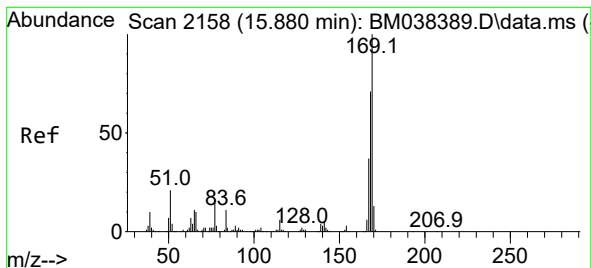
Tgt Ion:138 Resp: 139378
Ion Ratio Lower Upper
138 100
92 61.4 50.2 75.2
108 111.7 89.3 133.9



#66
4,6-Dinitro-2-methylphenol
Concen: 38.934 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion:198 Resp: 150080
Ion Ratio Lower Upper
198 100
182 3.7 3.0 4.6
77 31.8 24.8 37.2





#67

N-Nitrosodiphenylamine

Concen: 40.576 ng/ul

RT: 15.880 min Scan# 2158

Delta R.T. -0.006 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

Instrument :

BNA_M

ClientSampleId :

A4433MS

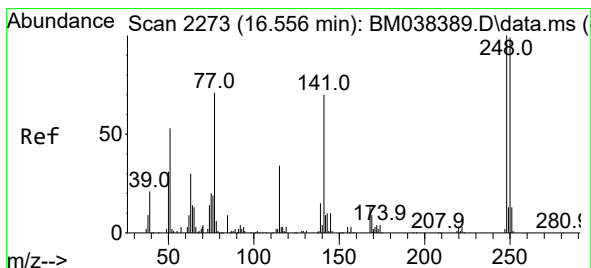
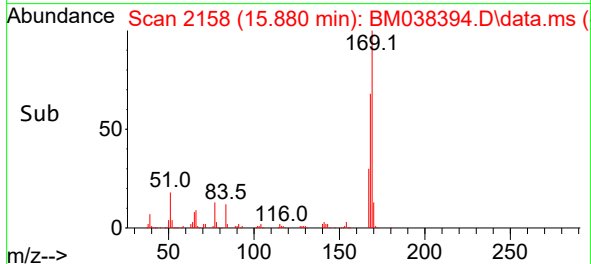
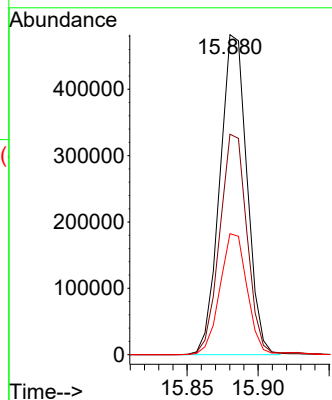
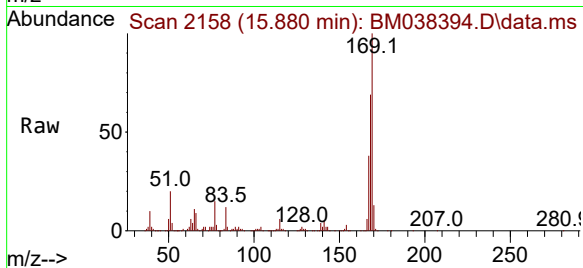
Tgt Ion:169 Resp: 642178

Ion Ratio Lower Upper

169 100

168 68.9 56.4 84.6

167 37.8 30.5 45.7



#68

4-Bromophenyl-phenylether

Concen: 42.280 ng/ul

RT: 16.557 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

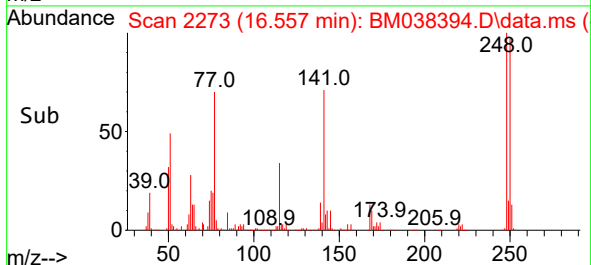
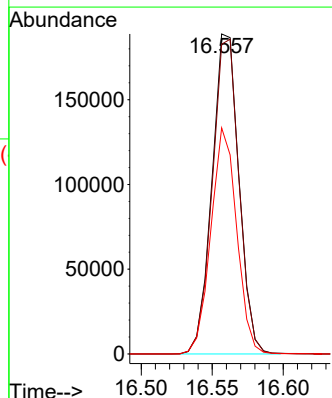
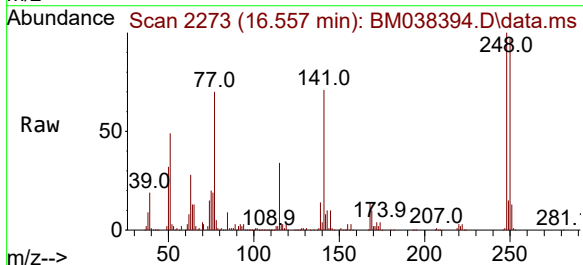
Tgt Ion:248 Resp: 248612

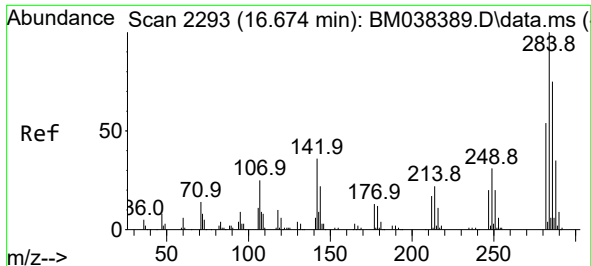
Ion Ratio Lower Upper

248 100

250 96.8 76.7 115.1

141 70.6 50.3 75.5

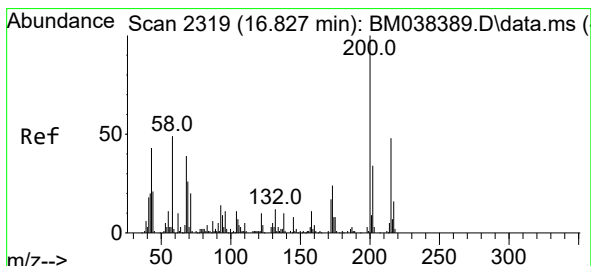
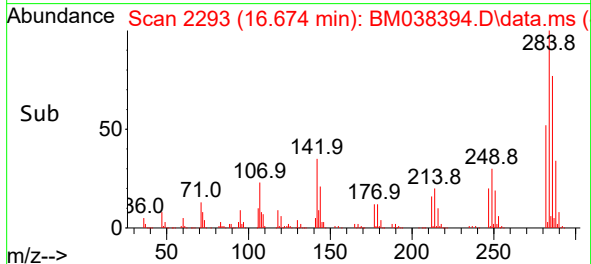
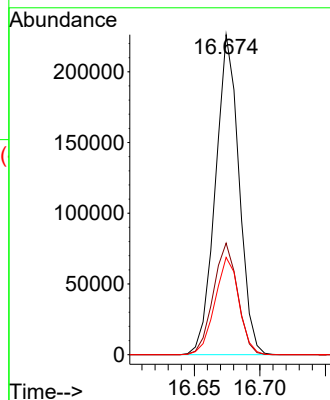
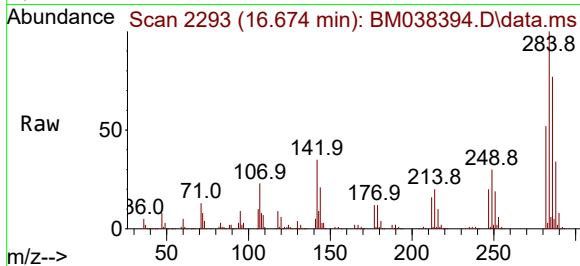




#69
Hexachlorobenzene
Concen: 41.684 ng/ul
RT: 16.674 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

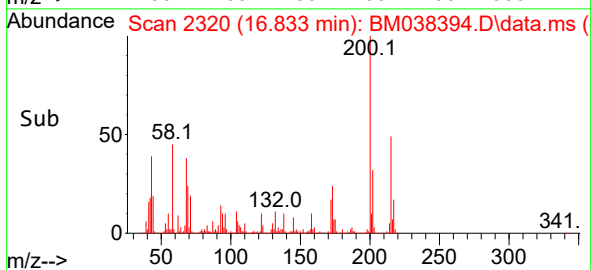
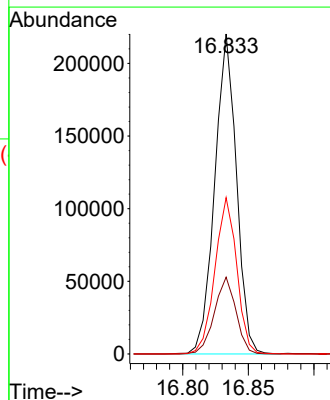
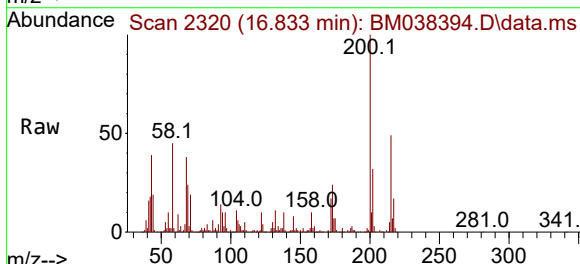
Instrument :
BNA_M
ClientSampleId :
A4433MS

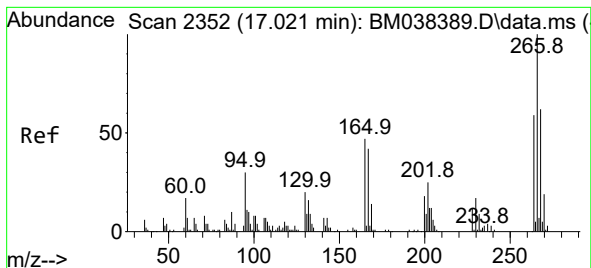
Tgt Ion:284 Resp: 282718
Ion Ratio Lower Upper
284 100
142 34.9 30.1 45.1
249 30.4 25.0 37.4



#70
Atrazine
Concen: 38.718 ng/ul
RT: 16.833 min Scan# 2320
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion:200 Resp: 253287
Ion Ratio Lower Upper
200 100
173 24.0 18.6 27.8
215 48.9 41.1 61.7





#71

Pentachlorophenol

Concen: 38.877 ng/ul

RT: 17.021 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

Instrument :

BNA_M

ClientSampleId :

A4433MS

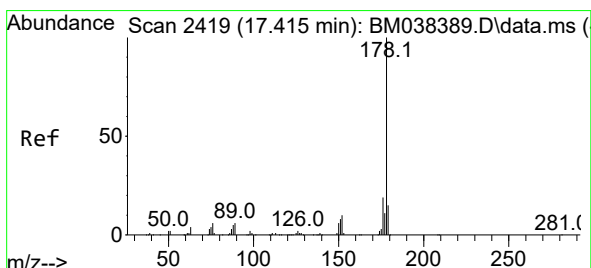
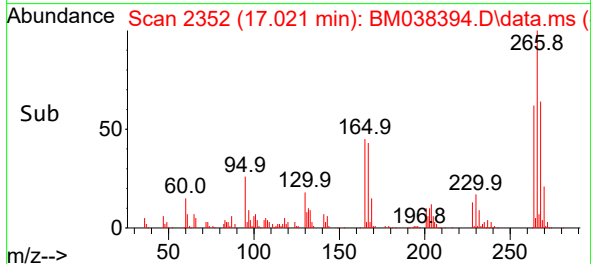
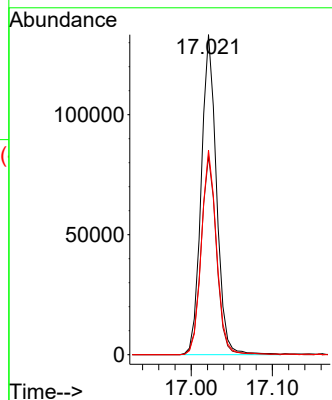
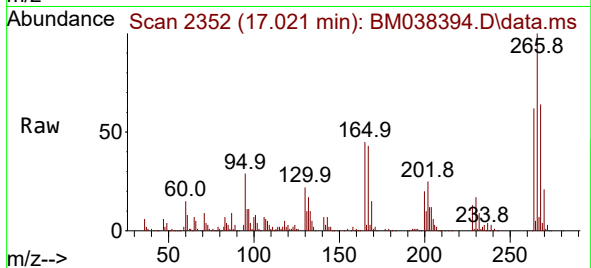
Tgt Ion:266 Resp: 174015

Ion Ratio Lower Upper

266 100

264 62.1 51.6 77.4

268 63.9 50.9 76.3



#72

Phenanthrene

Concen: 40.794 ng/ul

RT: 17.415 min Scan# 2419

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

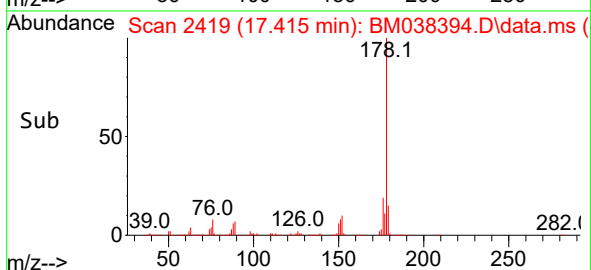
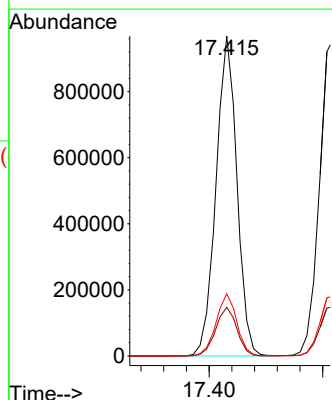
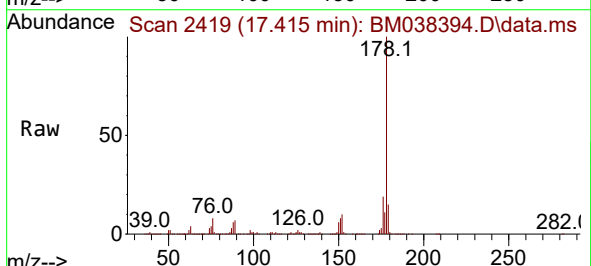
Tgt Ion:178 Resp: 1235455

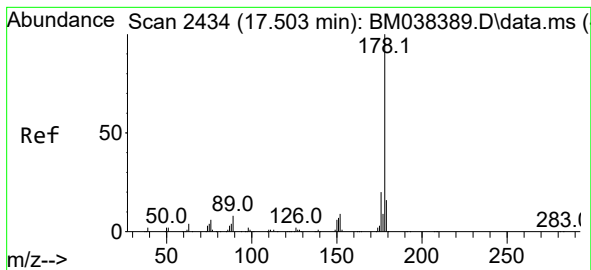
Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 19.4 15.4 23.2





#74

Anthracene

Concen: 41.284 ng/uI

RT: 17.510 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

Instrument :

BNA_M

ClientSampleId :

A4433MS

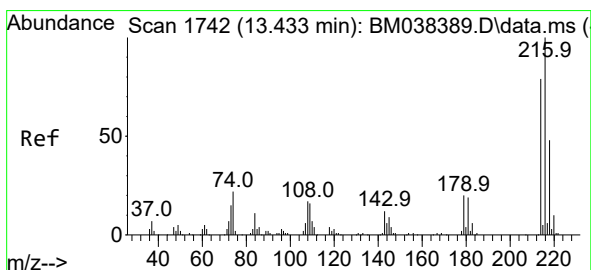
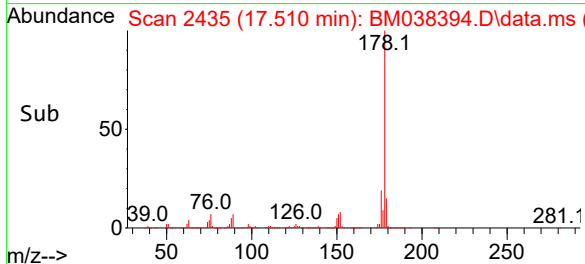
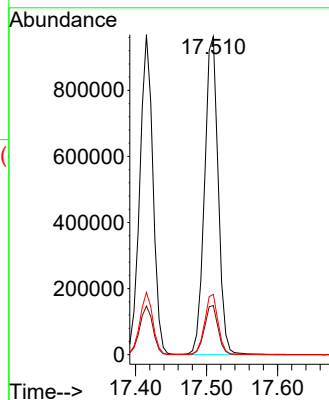
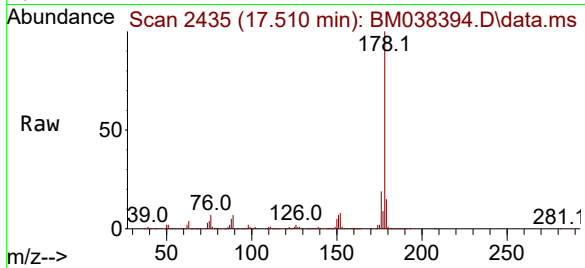
Tgt Ion:178 Resp: 1285691

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.0 15.5 23.3



#75

1,2,3,4-Tetrachlorobenzene

Concen: 40.103 ng/uI

RT: 13.433 min Scan# 1742

Delta R.T. -0.006 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

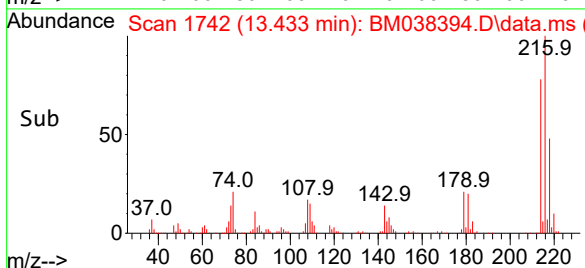
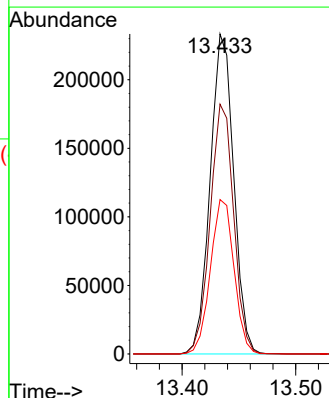
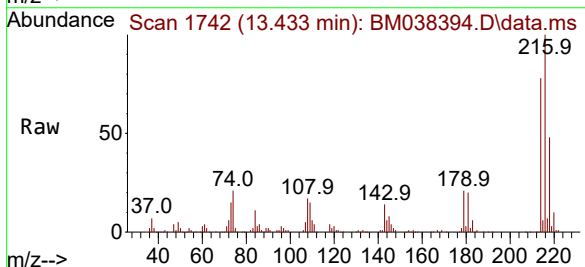
Tgt Ion:216 Resp: 335959

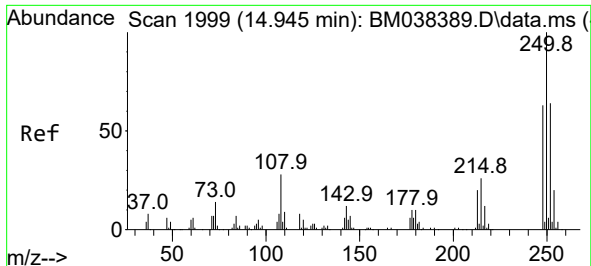
Ion Ratio Lower Upper

216 100

214 78.1 60.2 90.4

218 48.3 38.2 57.4

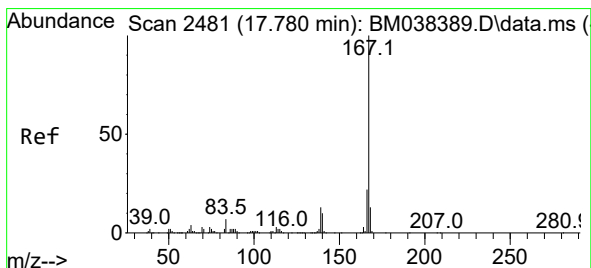
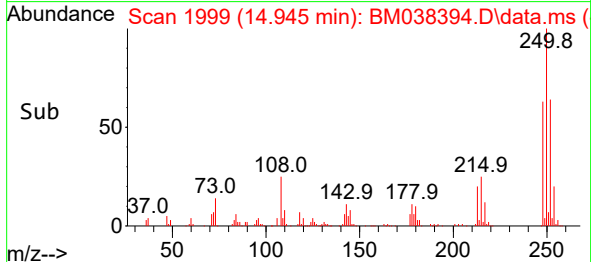
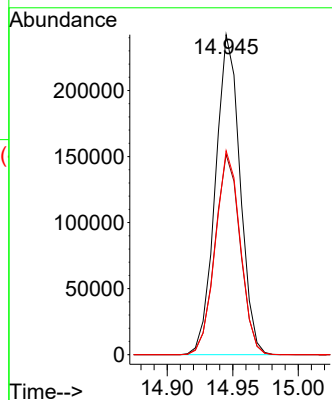
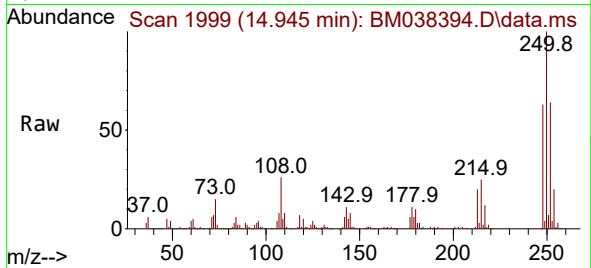




#76
 Pentachlorobenzene
 Concen: 39.184 ng/uL
 RT: 14.945 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: BM038394.D
 Acq: 06 Jan 2023 19:59

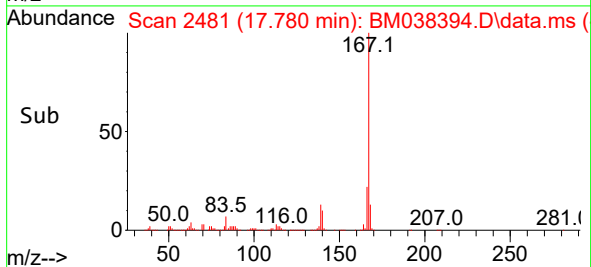
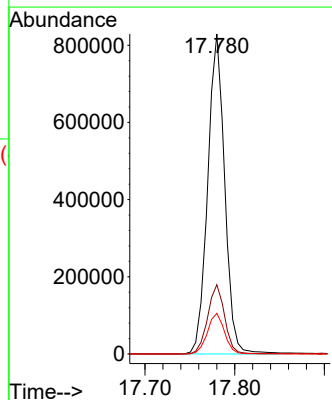
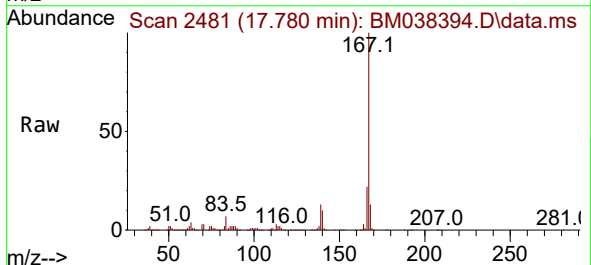
Instrument :
 BNA_M
 ClientSampleId :
 A4433MS

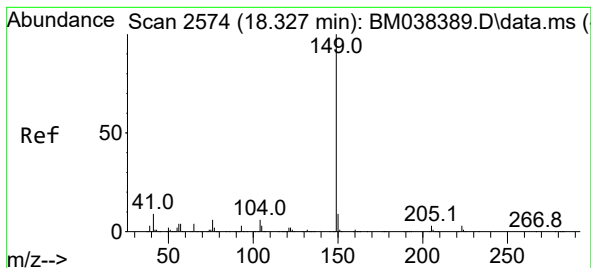
Tgt Ion:250 Resp: 316311
 Ion Ratio Lower Upper
 250 100
 248 62.6 50.3 75.5
 252 63.8 53.2 79.8



#77
 Carbazole
 Concen: 38.172 ng/uL
 RT: 17.780 min Scan# 2481
 Delta R.T. -0.000 min
 Lab File: BM038394.D
 Acq: 06 Jan 2023 19:59

Tgt Ion:167 Resp: 1089993
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 12.7 10.2 15.2





#78

Di-n-butylphthalate

Concen: 44.636 ng/ul

RT: 18.327 min Scan# 2574

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

Instrument :

BNA_M

ClientSampleId :

A4433MS

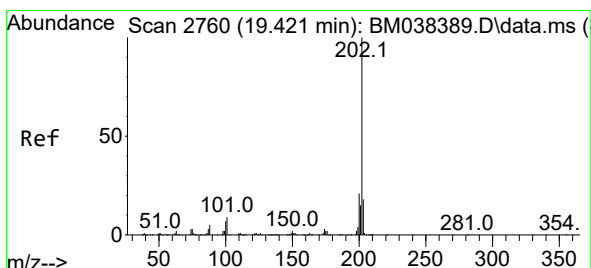
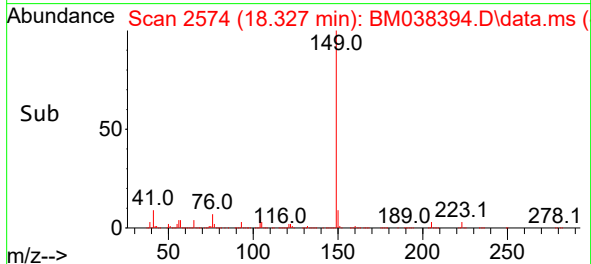
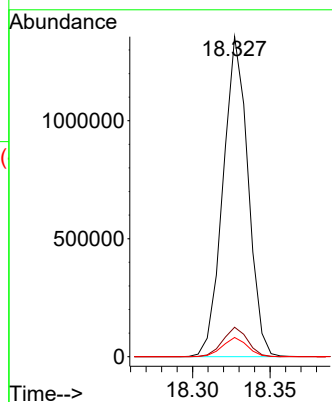
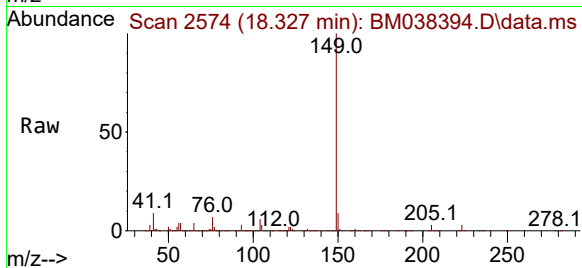
Tgt Ion:149 Resp: 1522812

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 6.0 4.8 7.2



#80

Fluoranthene

Concen: 41.434 ng/ul

RT: 19.421 min Scan# 2760

Delta R.T. -0.006 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

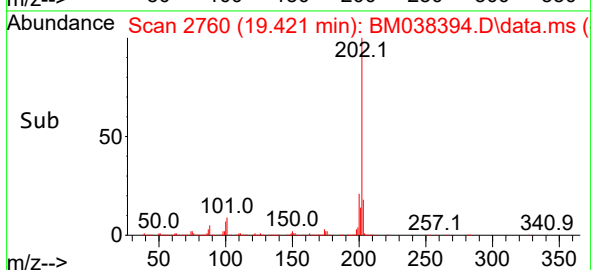
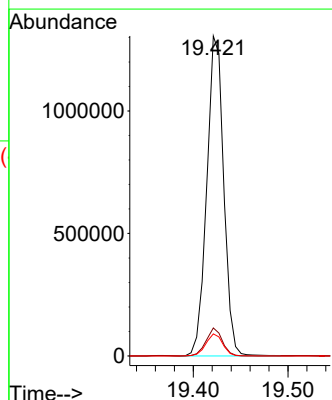
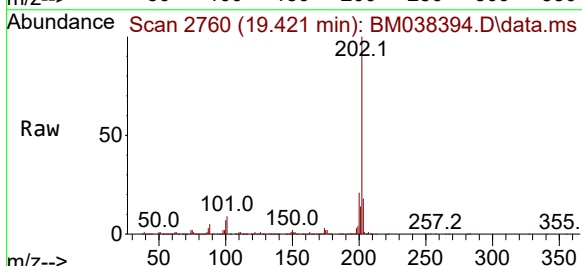
Tgt Ion:202 Resp: 1618378

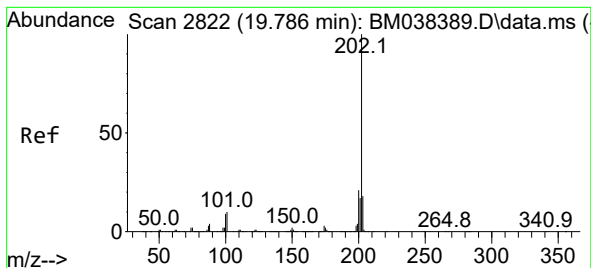
Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.6

100 6.9 5.8 8.8





#82

Pyrene

Concen: 40.250 ng/ul

RT: 19.786 min Scan# 2822

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

Instrument :

BNA_M

ClientSampleId :

A4433MS

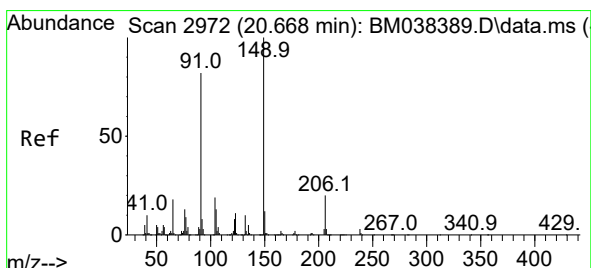
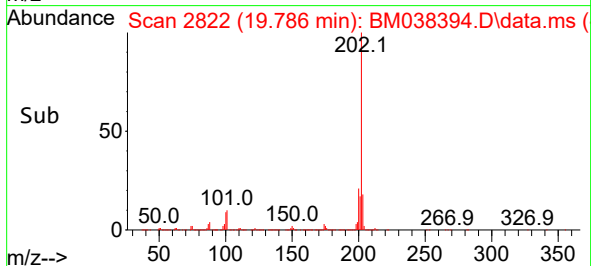
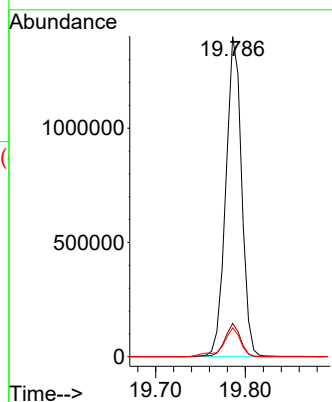
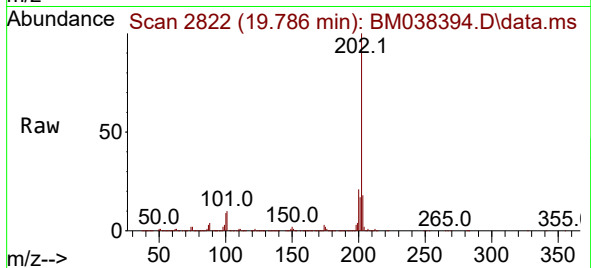
Tgt Ion:202 Resp: 1713325

Ion Ratio Lower Upper

202 100

101 10.4 8.6 13.0

100 9.0 7.4 11.0



#83

Butylbenzylphthalate

Concen: 42.858 ng/ul

RT: 20.668 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

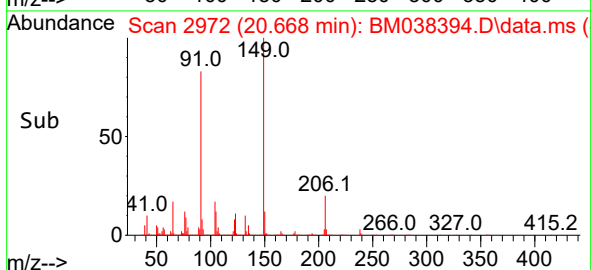
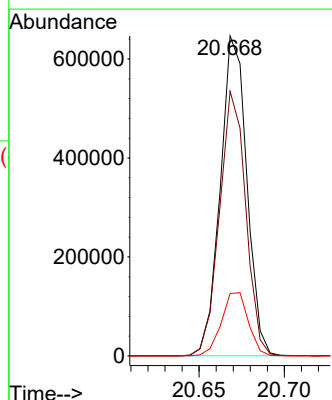
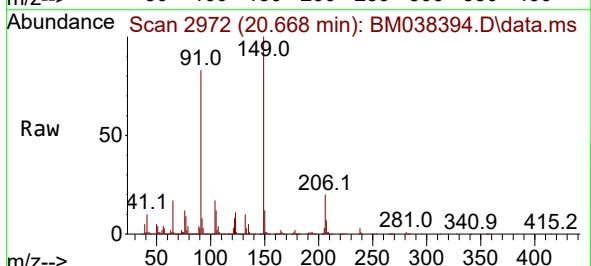
Tgt Ion:149 Resp: 699643

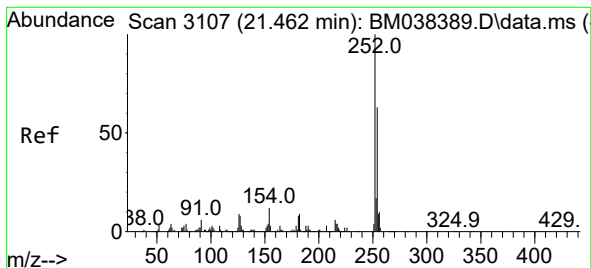
Ion Ratio Lower Upper

149 100

91 82.7 65.0 97.6

206 19.5 16.0 24.0





#84

3,3'-Dichlorobenzidine

Concen: 33.402 ng/ul

RT: 21.462 min Scan# 3107

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

Instrument :

BNA_M

ClientSampleId :

A4433MS

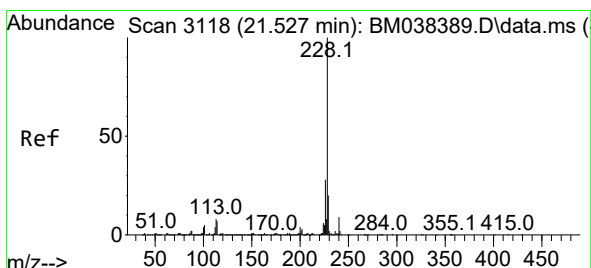
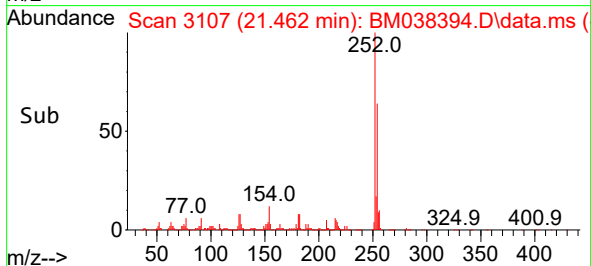
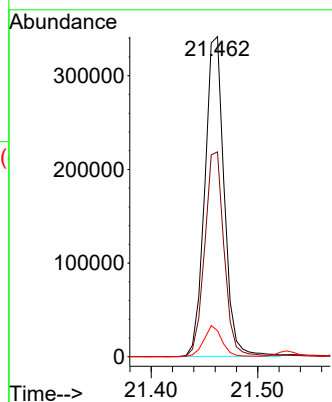
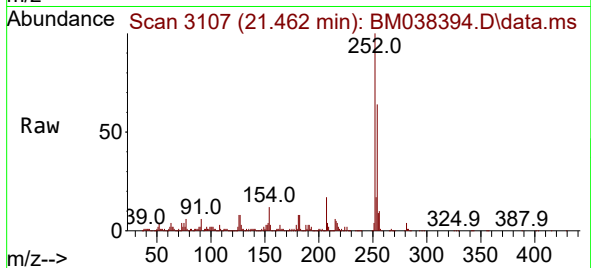
Tgt Ion:252 Resp: 432304

Ion Ratio Lower Upper

252 100

254 64.0 52.1 78.1

126 8.2 6.4 9.6



#85

Benzo(a)anthracene

Concen: 41.023 ng/ul

RT: 21.527 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

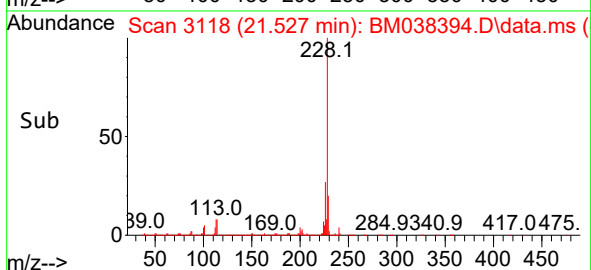
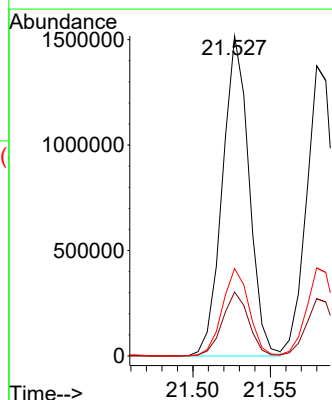
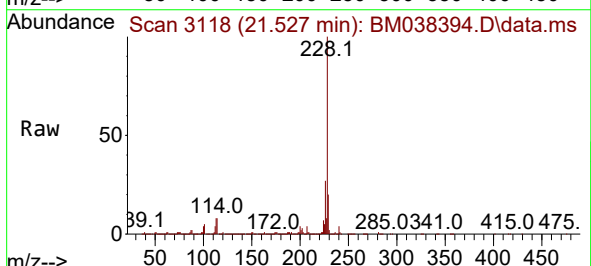
Tgt Ion:228 Resp: 1811975

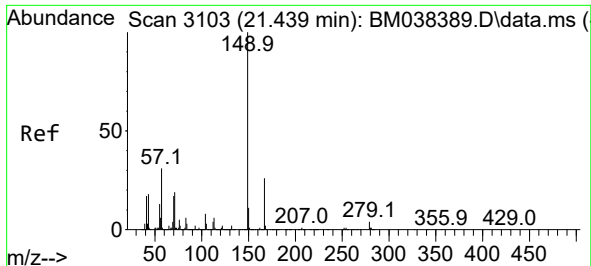
Ion Ratio Lower Upper

228 100

229 20.0 15.6 23.4

226 27.3 21.1 31.7

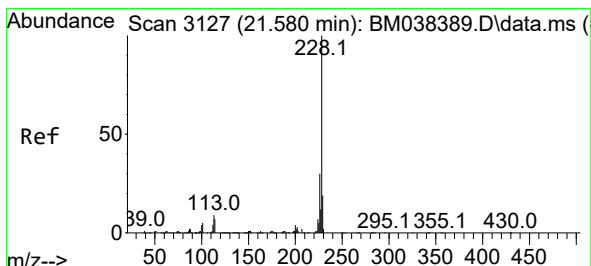
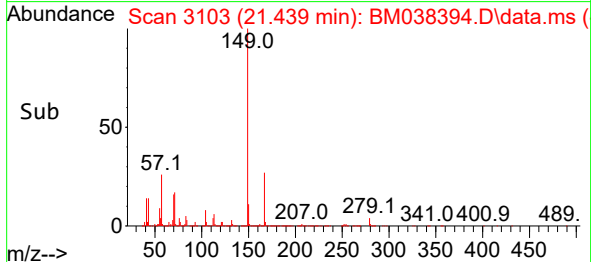
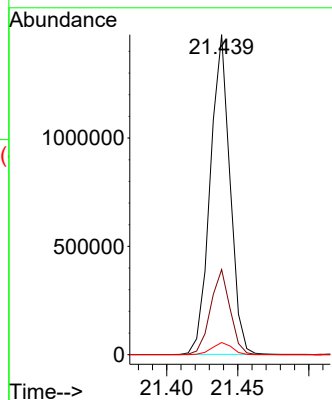
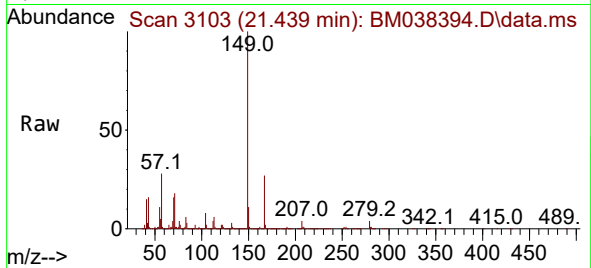




#86
Bis(2-ethylhexyl)phthalate
Concen: 56.584 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

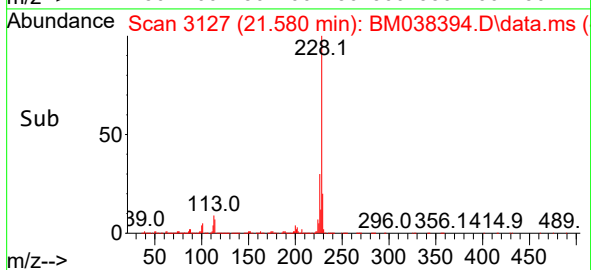
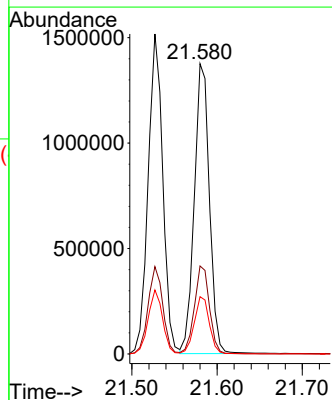
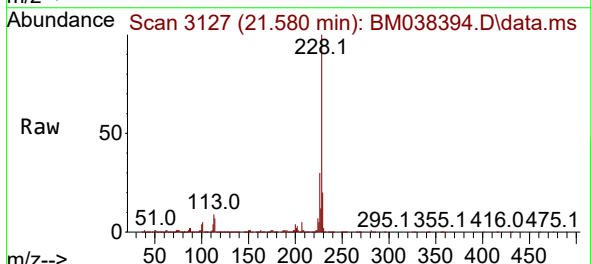
Instrument :
BNA_M
ClientSampleId :
A4433MS

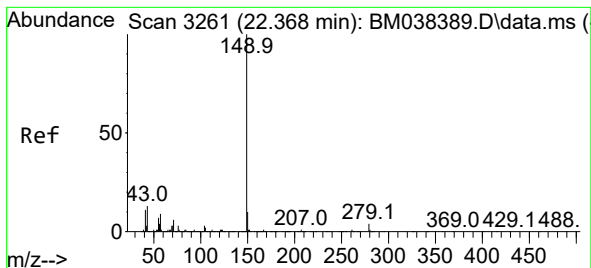
Tgt Ion:149 Resp: 1425882
Ion Ratio Lower Upper
149 100
167 26.6 19.7 29.5
279 3.8 2.8 4.2



#87
Chrysene
Concen: 39.968 ng/ul
RT: 21.580 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM038394.D
Acq: 06 Jan 2023 19:59

Tgt Ion:228 Resp: 1695981
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 19.7 15.4 23.0





#89

Di-n-octyl phthalate

Concen: 42.911 ng/ul

RT: 22.368 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

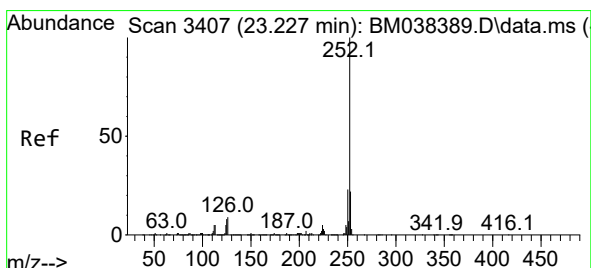
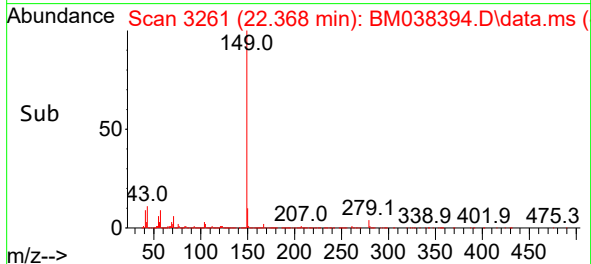
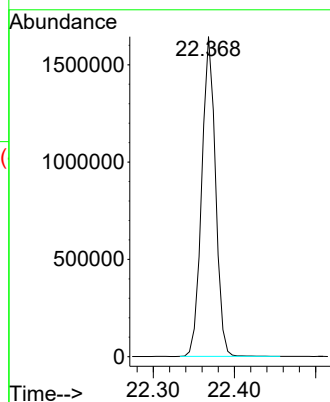
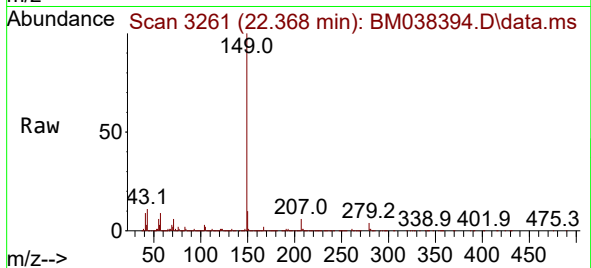
Instrument :

BNA_M

ClientSampleId :

A4433MS

Tgt Ion:149 Resp: 1935003



#90

Benzo(b)fluoranthene

Concen: 44.437 ng/ul

RT: 23.233 min Scan# 3408

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

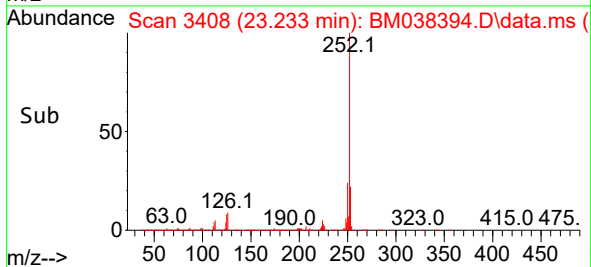
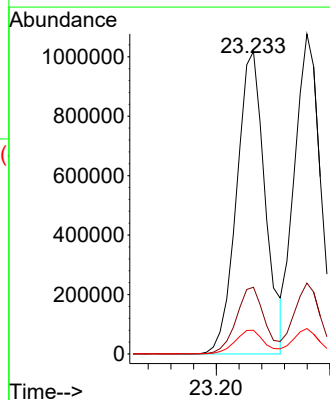
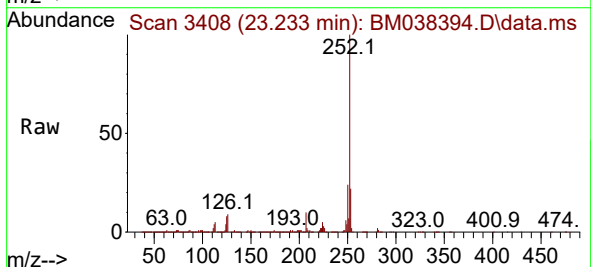
Tgt Ion:252 Resp: 1772182

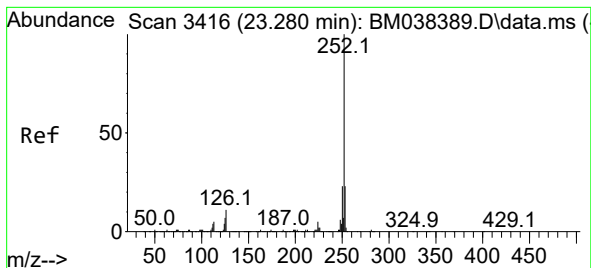
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 7.9 6.6 10.0





#91

Benzo(k)fluoranthene

Concen: 42.945 ng/ul

RT: 23.280 min Scan# 3416

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

Instrument :

BNA_M

ClientSampleId :

A4433MS

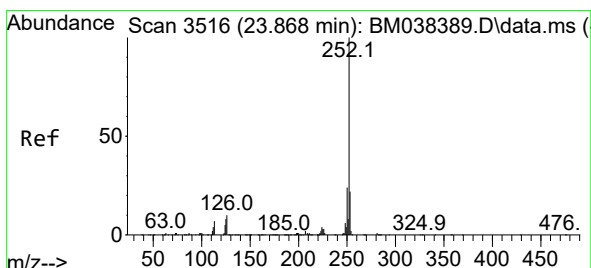
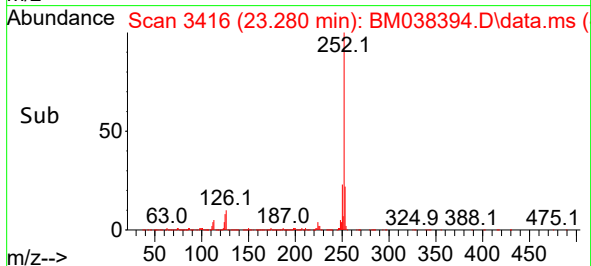
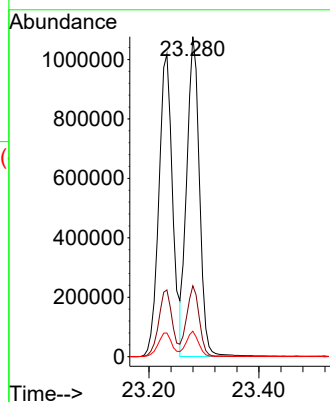
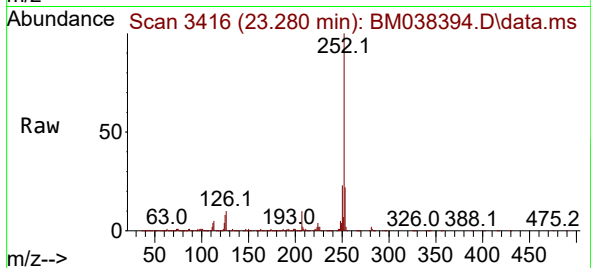
Tgt Ion:252 Resp: 1719887

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 7.9 6.3 9.5



#93

Benzo(a)pyrene

Concen: 42.343 ng/ul

RT: 23.868 min Scan# 3516

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

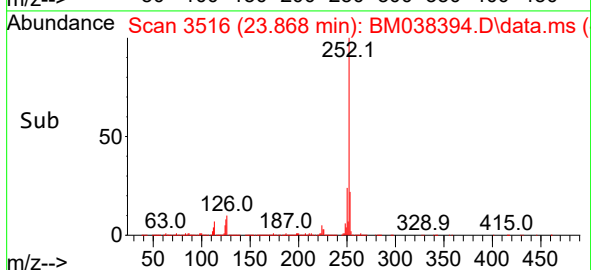
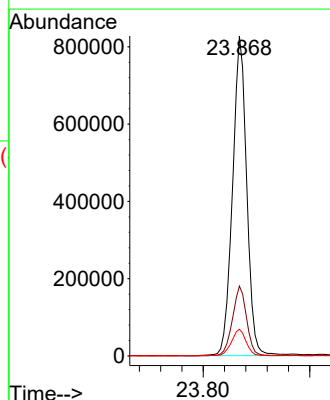
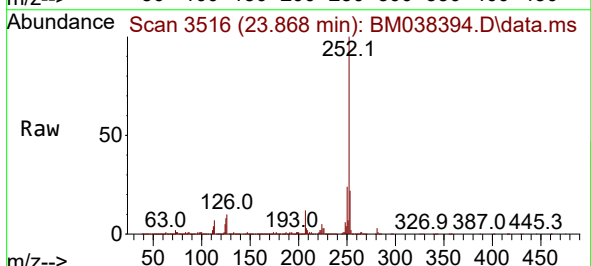
Tgt Ion:252 Resp: 1528332

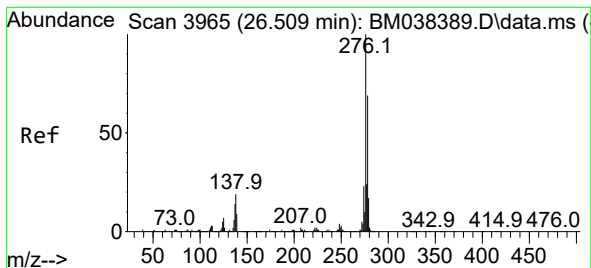
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.3 7.4 11.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 41.702 ng/ul

RT: 26.521 min Scan# 3967

Delta R.T. 0.006 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

Instrument :

BNA_M

ClientSampleId :

A4433MS

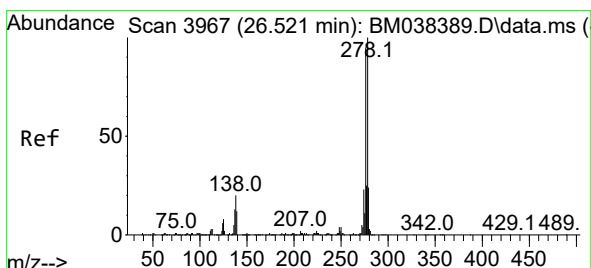
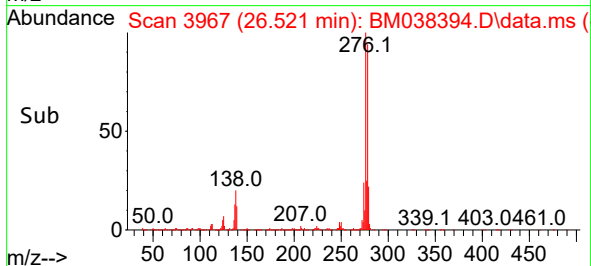
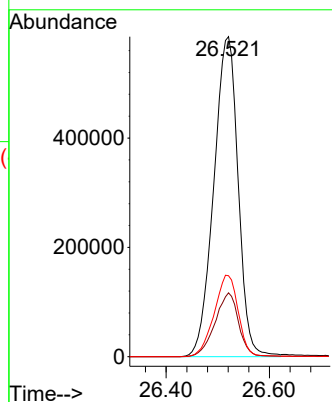
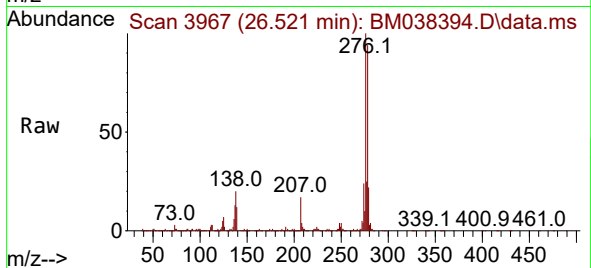
Tgt Ion:276 Resp: 1912933

Ion Ratio Lower Upper

276 100

138 20.0 15.7 23.5

277 25.3 20.2 30.4



#95

Dibenzo(a,h)anthracene

Concen: 42.730 ng/ul

RT: 26.527 min Scan# 3968

Delta R.T. -0.000 min

Lab File: BM038394.D

Acq: 06 Jan 2023 19:59

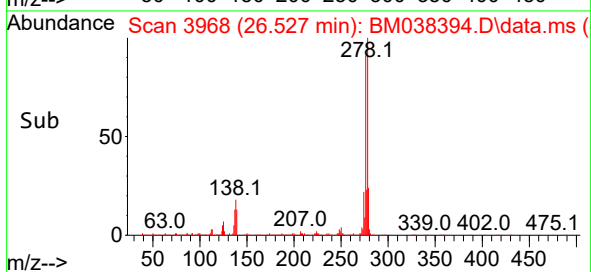
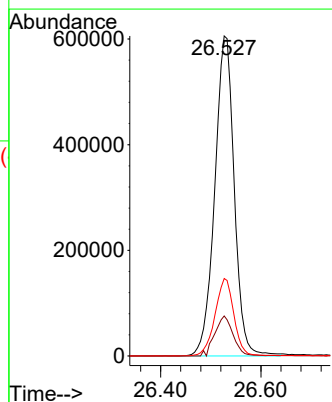
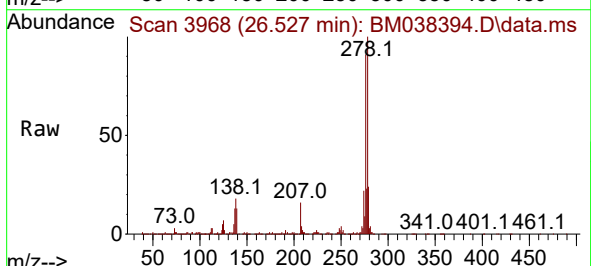
Tgt Ion:278 Resp: 1635763

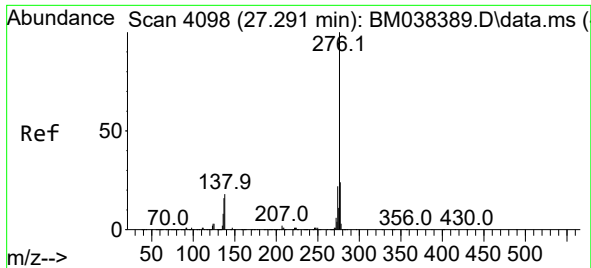
Ion Ratio Lower Upper

278 100

139 12.5 10.0 15.0

279 24.2 18.9 28.3





#96
 Benzo(g,h,i)perylene
 Concen: 41.158 ng/ul
 RT: 27.303 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BM038394.D
 Acq: 06 Jan 2023 19:59

Instrument :
 BNA_M
 ClientSampleId :
 A4433MS

Tgt Ion:276 Resp: 1545850
 Ion Ratio Lower Upper
 276 100
 138 16.1 13.8 20.6
 277 23.3 18.6 28.0

