

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
 Data File : BM039917.D
 Acq On : 12 May 2023 14:07
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: May 13 02:05:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 13 02:01:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	471694	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	2079591	20.000	ng	0.00
39) Acenaphthene-d10	14.671	164	1233682	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	2495575	20.000	ng	0.00
76) Chrysene-d12	21.589	240	2598371	20.000	ng	0.00
86) Perylene-d12	24.053	264	2392564	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.572	112	2282520	78.639	ng	0.00
7) Phenol-d6	7.184	99	3101299	80.189	ng	0.00
23) Nitrobenzene-d5	9.207	82	3026555	85.236	ng	0.00
42) 2,4,6-Tribromophenol	16.154	330	1720609	78.400	ng	0.00
45) 2-Fluorobiphenyl	13.307	172	8494617	88.078	ng	0.00
79) Terphenyl-d14	20.030	244	11896816	82.865	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.431	88	416635	37.991	ng	100
3) Pyridine	3.837	79	1264758	40.731	ng	100
4) n-Nitrosodimethylamine	3.749	42	442970	39.640	ng	100
6) Aniline	7.354	93	1949919	40.540	ng	100
8) 2-Chlorophenol	7.595	128	1320170	40.652	ng	100
9) Benzaldehyde	7.166	77	689173	40.628	ng	100
10) Phenol	7.213	94	1539739	39.619	ng	100
11) bis(2-Chloroethyl)ether	7.454	93	1285103	39.487	ng	100
12) 1,3-Dichlorobenzene	7.925	146	1328392	39.527	ng	100
13) 1,4-Dichlorobenzene	8.072	146	1377203	39.953	ng	100
14) 1,2-Dichlorobenzene	8.390	146	1364614	40.036	ng	100
15) Benzyl Alcohol	8.272	79	1088182	42.242	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.578	45	1454076	40.240	ng	100
17) 2-Methylphenol	8.472	107	1183641	41.453	ng	100
18) Hexachloroethane	9.125	117	487328	40.633	ng	100
19) n-Nitroso-di-n-propyla...	8.854	70	1109981	43.242	ng	100
20) 3+4-Methylphenols	8.807	107	1576023	41.515	ng	100
22) Acetophenone	8.866	105	2217656	40.433	ng	100
24) Nitrobenzene	9.248	77	1490048	41.510	ng	100
25) Isophorone	9.778	82	2997414	40.989	ng	100
26) 2-Nitrophenol	9.960	139	541111	38.726	ng	100
27) 2,4-Dimethylphenol	10.019	122	1276079	41.025	ng	100
28) bis(2-Chloroethoxy)met...	10.260	93	1809975	40.385	ng	100
29) 2,4-Dichlorophenol	10.495	162	1219564	41.276	ng	100
30) 1,2,4-Trichlorobenzene	10.713	180	1279584	39.611	ng	100
31) Naphthalene	10.907	128	4491460	39.807	ng	100
32) Benzoic acid	10.154	122	702290	37.666	ng	100
33) 4-Chloroaniline	11.013	127	2040431	41.317	ng	100
34) Hexachlorobutadiene	11.195	225	723172	39.277	ng	100
35) Caprolactam	11.789	113	395340	44.531	ng	100
36) 4-Chloro-3-methylphenol	12.125	107	1314415	41.616	ng	100
37) 2-Methylnaphthalene	12.507	142	3253852	40.482	ng	100
38) 1-Methylnaphthalene	12.725	142	3081004	40.691	ng	100
40) 1,2,4,5-Tetrachloroben...	12.872	216	1497633	40.241	ng	100
41) Hexachlorocyclopentadiene	12.860	237	635200	38.496	ng	100
43) 2,4,6-Trichlorophenol	13.107	196	959191	42.185	ng	100

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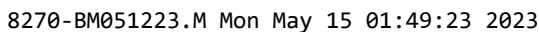
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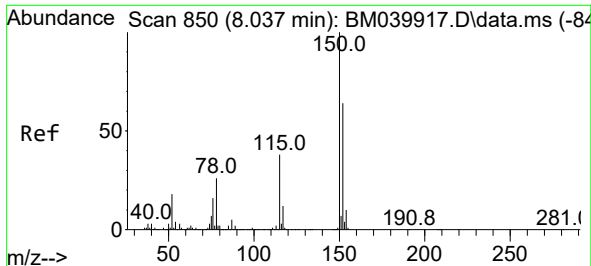
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.177	196	1126282	41.984	ng	100
46) 1,1'-Biphenyl	13.513	154	4180926	40.910	ng	100
47) 2-Chloronaphthalene	13.554	162	3091183	40.778	ng	100
48) 2-Nitroaniline	13.748	65	734394	39.422	ng	100
49) Acenaphthylene	14.395	152	5103455	41.748	ng	100
50) Dimethylphthalate	14.136	163	3970311	41.269	ng	100
51) 2,6-Dinitrotoluene	14.248	165	761335	38.903	ng	100
52) Acenaphthene	14.736	154	3299561	41.430	ng	100
53) 3-Nitroaniline	14.571	138	898526	39.743	ng	100
54) 2,4-Dinitrophenol	14.771	184	259037	39.349	ng	100
55) Dibenzofuran	15.071	168	4879138	41.102	ng	100
56) 4-Nitrophenol	14.866	139	721118	43.196	ng	100
57) 2,4-Dinitrotoluene	15.024	165	1004900	39.068	ng	100
58) Fluorene	15.718	166	4528737	43.417	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.289	232	930918	42.196	ng	100
60) Diethylphthalate	15.495	149	4184406	42.184	ng	100
61) 4-Chlorophenyl-phenyle...	15.713	204	2214702	42.786	ng	100
62) 4-Nitroaniline	15.736	138	1028367	41.985	ng	100
63) Azobenzene	16.007	77	3932957	41.444	ng	100
65) 4,6-Dinitro-2-methylph...	15.789	198	406641	39.157	ng	100
66) n-Nitrosodiphenylamine	15.924	169	3559203	41.385	ng	100
67) 4-Bromophenyl-phenylether	16.607	248	1190761	41.008	ng	100
68) Hexachlorobenzene	16.718	284	1371276	40.111	ng	100
69) Atrazine	16.877	200	980168	44.602	ng	100
70) Pentachlorophenol	17.060	266	904589	40.932	ng	100
71) Phenanthrene	17.459	178	6190864	42.021	ng	100
72) Anthracene	17.548	178	6404238	43.437	ng	100
73) Carbazole	17.812	167	5750493	43.214	ng	100
74) Di-n-butylphthalate	18.389	149	7114838	47.430	ng	100
75) Fluoranthene	19.465	202	6839212	46.228	ng	100
77) Benzidine	19.648	184	1464095	41.898	ng	100
78) Pyrene	19.830	202	7250509	39.306	ng	100
80) Butylbenzylphthalate	20.730	149	2559890	38.988	ng	100
81) Benzo(a)anthracene	21.577	228	7545394	42.271	ng	100
82) 3,3'-Dichlorobenzidine	21.506	252	2167900	39.237	ng	100
83) Chrysene	21.630	228	7079015	42.100	ng	100
84) Bis(2-ethylhexyl)phtha...	21.512	149	4886042	39.566	ng	100
85) Di-n-octyl phthalate	22.465	149	6761490	38.809	ng	100
87) Indeno(1,2,3-cd)pyrene	26.635	276	6777732	40.022	ng	100
88) Benzo(b)fluoranthene	23.306	252	6407132	41.011	ng	100
89) Benzo(k)fluoranthene	23.359	252	6987061	41.455	ng	100
90) Benzo(a)pyrene	23.947	252	5996269	41.525	ng	100
91) Dibenzo(a,h)anthracene	26.653	278	5929582	40.366	ng	100
92) Benzo(g,h,i)perylene	27.429	276	4816279	38.070	ng	100

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

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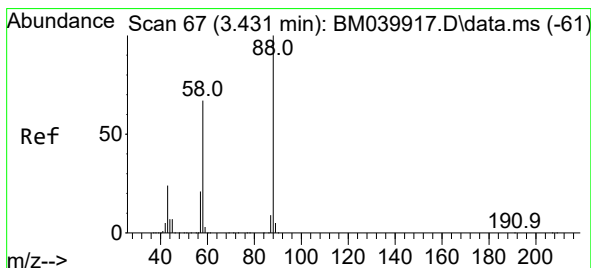
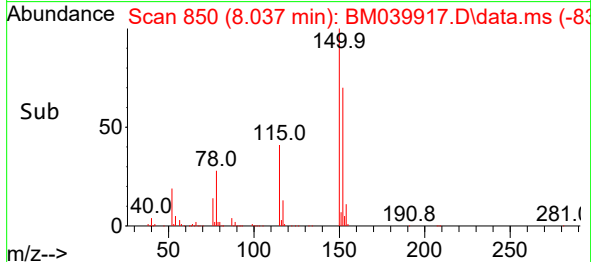
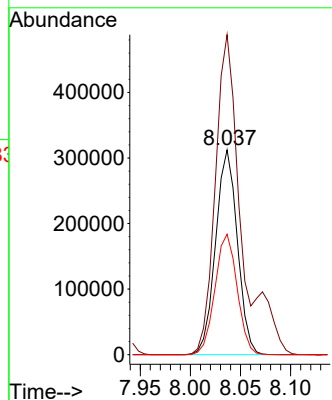
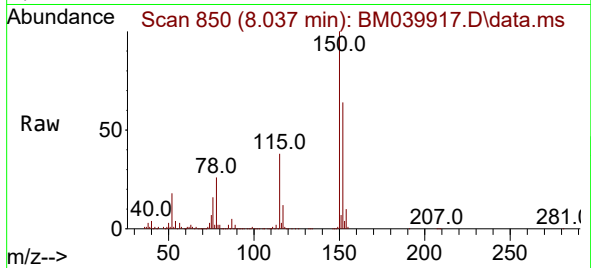




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.037 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM039917.D
 Acq: 12 May 2023 14:07

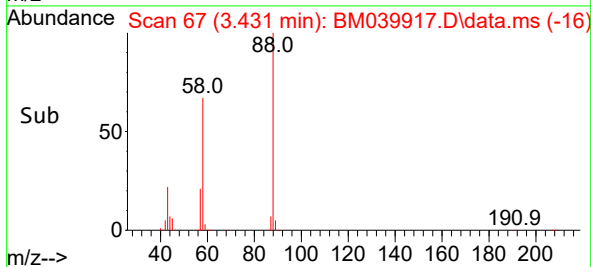
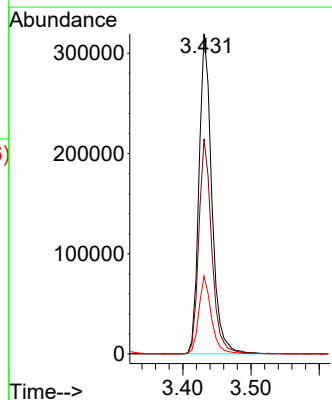
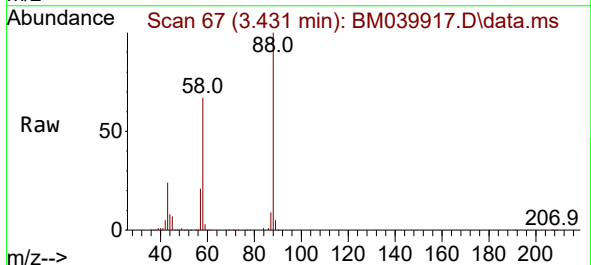
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 SSTDICC040

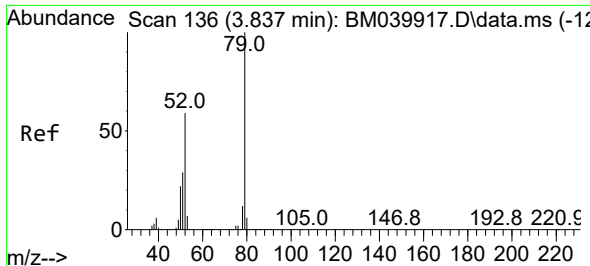
Tgt Ion:152 Resp: 471694
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.0 187.4
 115 58.8 47.0 70.6



#2
 1,4-Dioxane
 Concen: 37.991 ng
 RT: 3.431 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: BM039917.D
 Acq: 12 May 2023 14:07

Tgt Ion: 88 Resp: 416635
 Ion Ratio Lower Upper
 88 100
 58 68.0 54.4 81.6
 43 23.9 19.1 28.7





#3

Pyridine

Concen: 40.731 ng

RT: 3.837 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

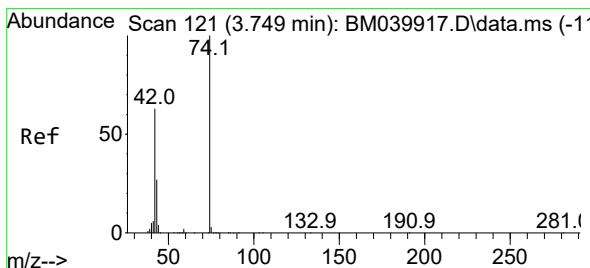
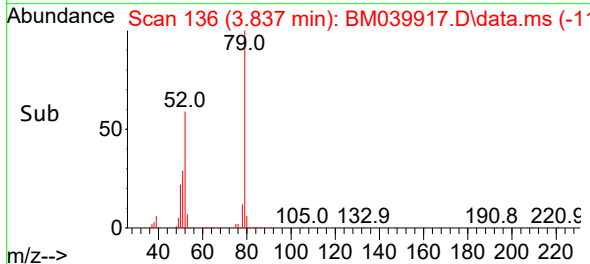
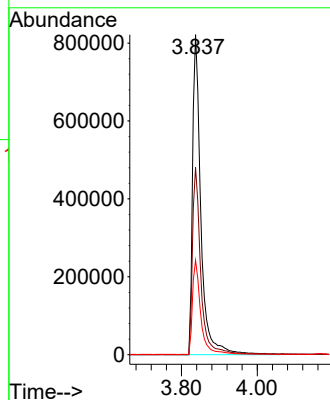
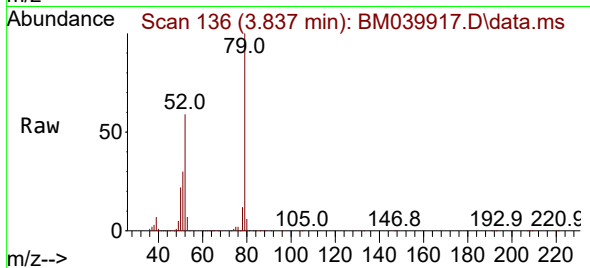
BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 1264758

Ion	Ratio	Lower	Upper
79	100		
52	58.5	46.8	70.2
51	29.5	23.6	35.4



#4

n-Nitrosodimethylamine

Concen: 39.640 ng

RT: 3.749 min Scan# 121

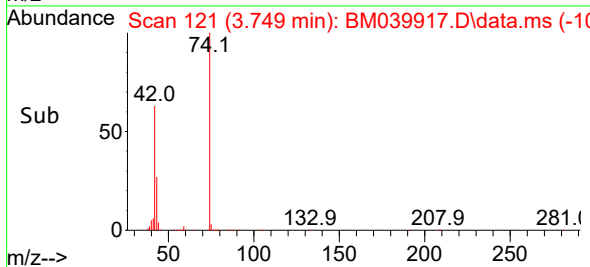
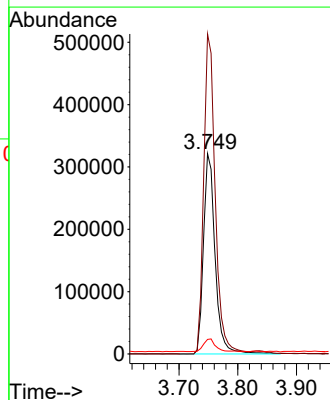
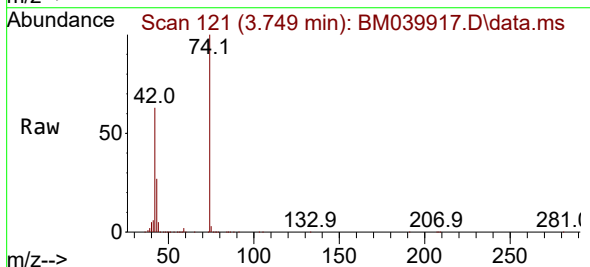
Delta R.T. 0.000 min

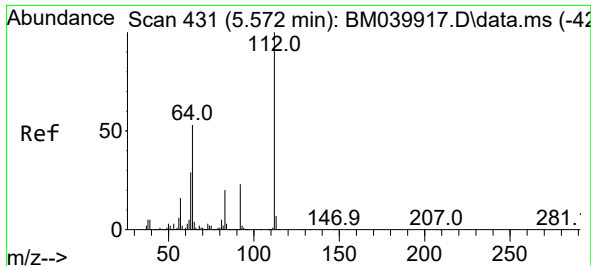
Lab File: BM039917.D

Acq: 12 May 2023 14:07

Tgt Ion: 42 Resp: 442970

Ion	Ratio	Lower	Upper
42	100		
74	159.7	127.8	191.6
44	7.3	5.8	8.8

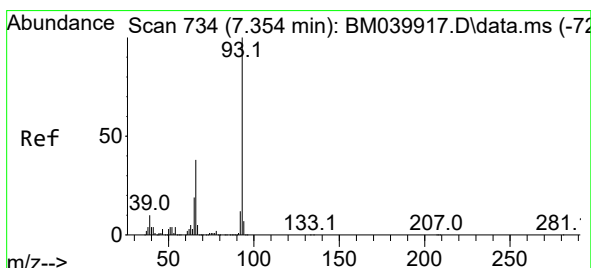
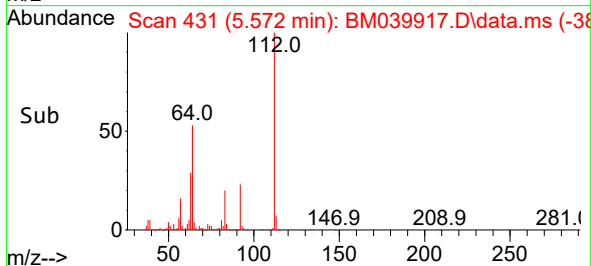
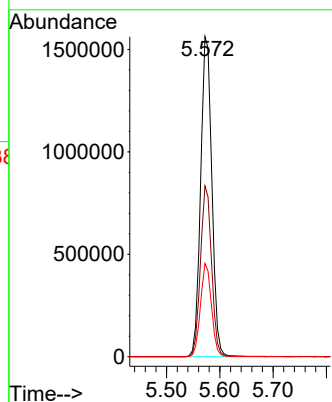
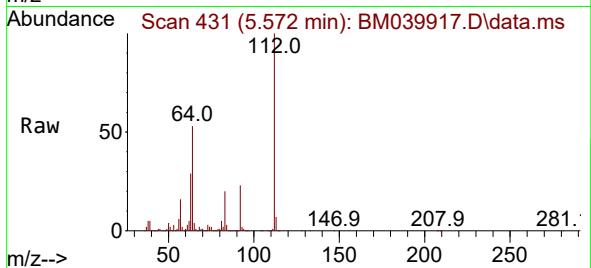




#5
2-Fluorophenol
Concen: 78.639 ng
RT: 5.572 min Scan# 431
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

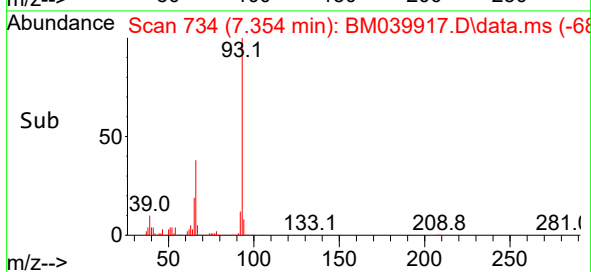
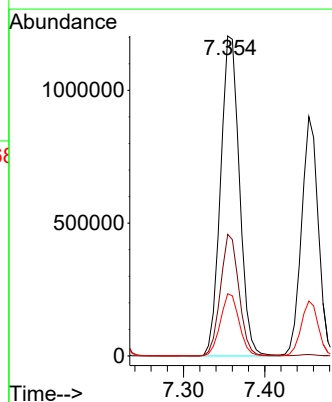
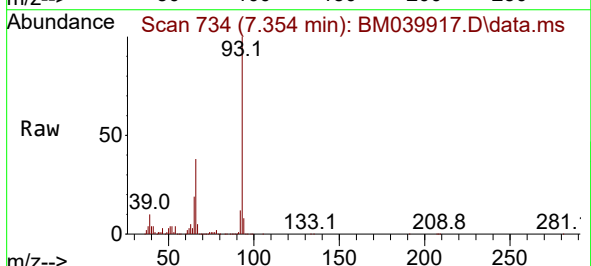
Instrument :
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ClientSampleId :
SSTDICCC040

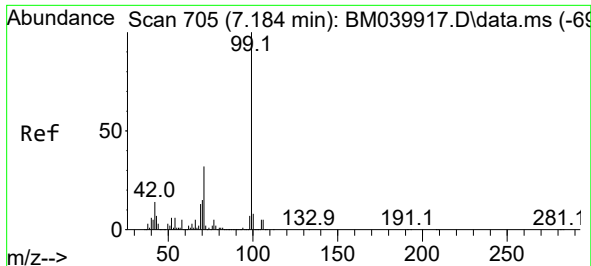
Tgt Ion:112 Resp: 2282520
Ion Ratio Lower Upper
112 100
64 53.3 42.6 64.0
63 29.1 23.3 34.9



#6
Aniline
Concen: 40.540 ng
RT: 7.354 min Scan# 734
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion: 93 Resp: 1949919
Ion Ratio Lower Upper
93 100
66 38.0 30.4 45.6
65 19.4 15.5 23.3

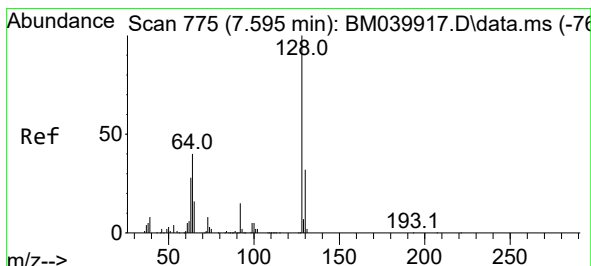
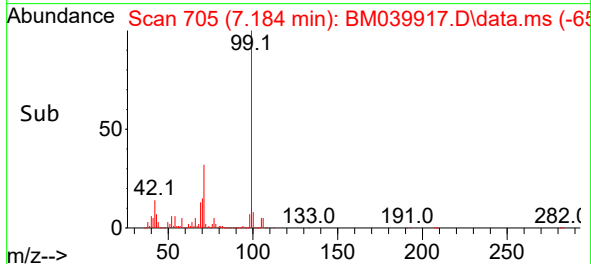
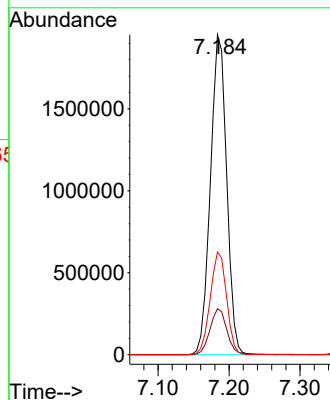
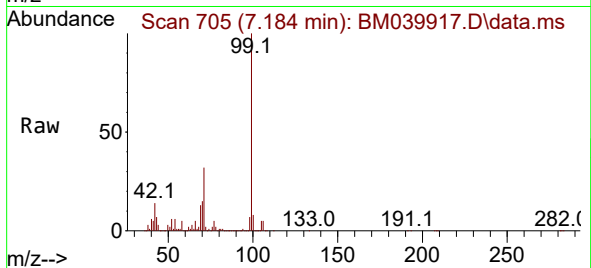




#7
Phenol-d6
Concen: 80.189 ng
RT: 7.184 min Scan# 705
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

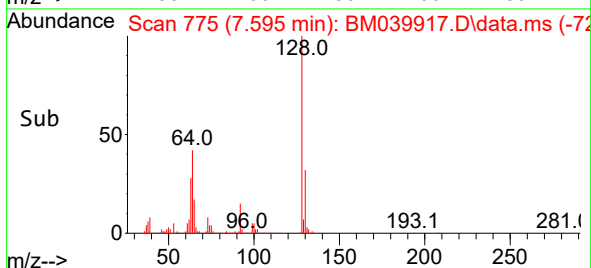
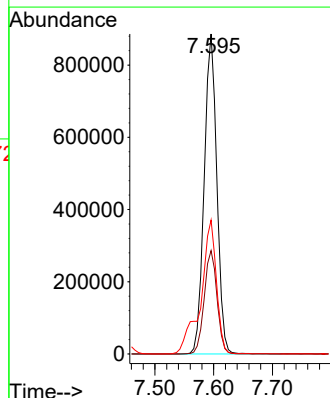
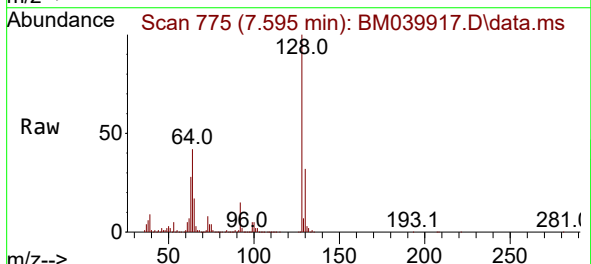
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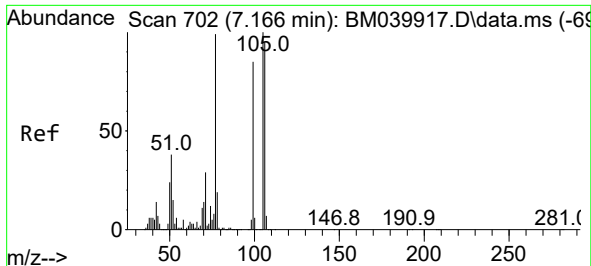
Tgt Ion: 99 Resp: 3101299
Ion Ratio Lower Upper
99 100
42 14.4 11.5 17.3
71 32.1 25.7 38.5



#8
2-Chlorophenol
Concen: 40.652 ng
RT: 7.595 min Scan# 775
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion:128 Resp: 1320170
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 41.8 21.8 61.8

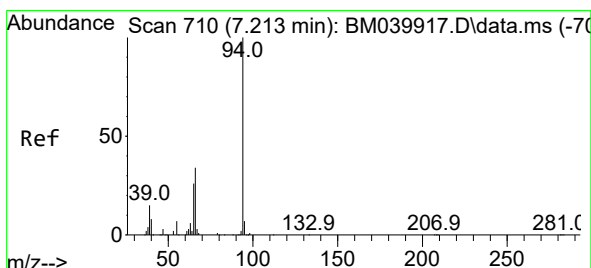
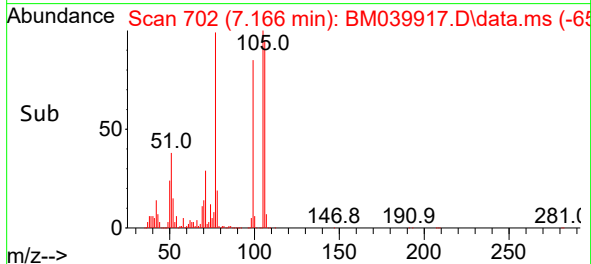
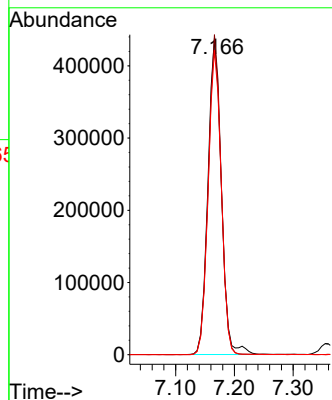
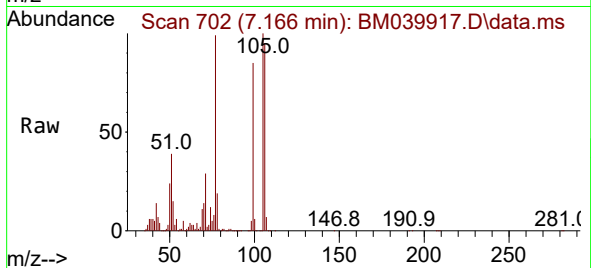




#9
Benzaldehyde
Concen: 40.628 ng
RT: 7.166 min Scan# 702
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

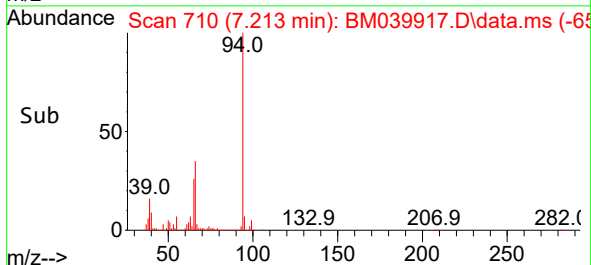
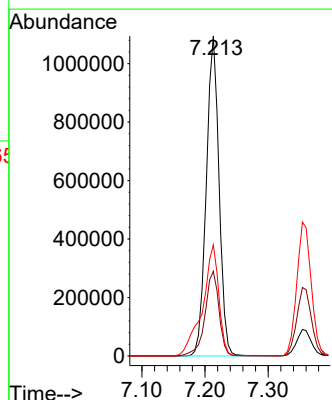
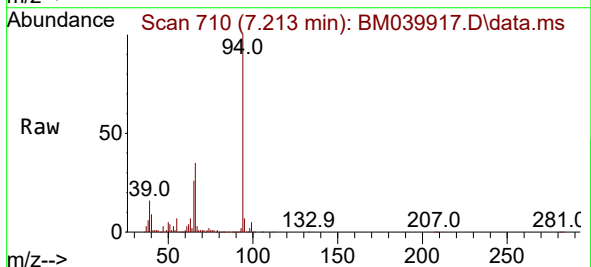
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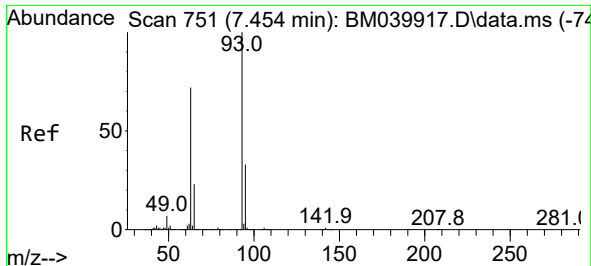
Tgt Ion: 77 Resp: 689173
Ion Ratio Lower Upper
77 100
105 101.2 81.2 121.2
106 96.2 76.2 116.2



#10
Phenol
Concen: 39.619 ng
RT: 7.213 min Scan# 710
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion: 94 Resp: 1539739
Ion Ratio Lower Upper
94 100
65 26.4 6.4 46.4
66 34.7 14.7 54.7



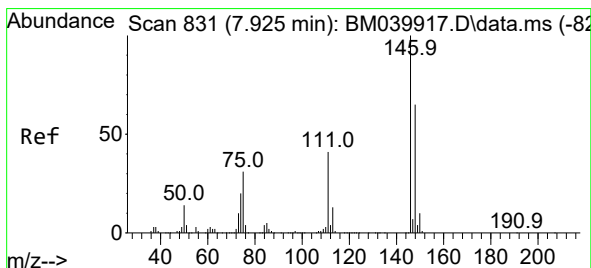
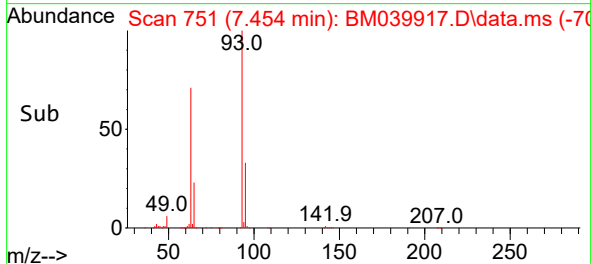
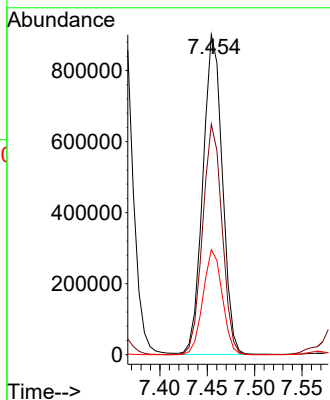
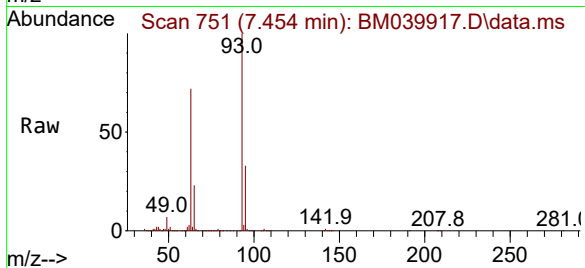


#11
bis(2-Chloroethyl)ether
Concen: 39.487 ng
RT: 7.454 min Scan# 751
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 1285103

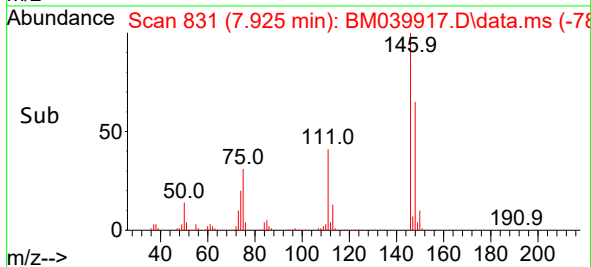
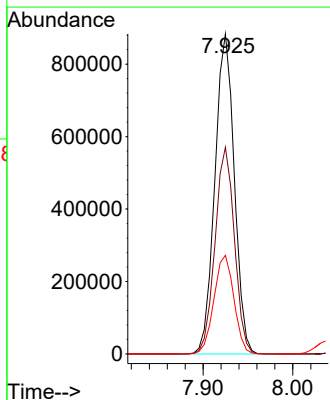
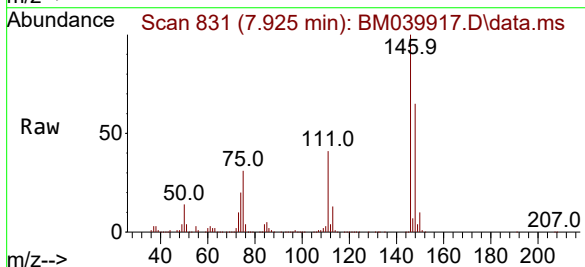
Ion	Ratio	Lower	Upper
93	100		
63	72.0	52.0	92.0
95	32.8	12.8	52.8

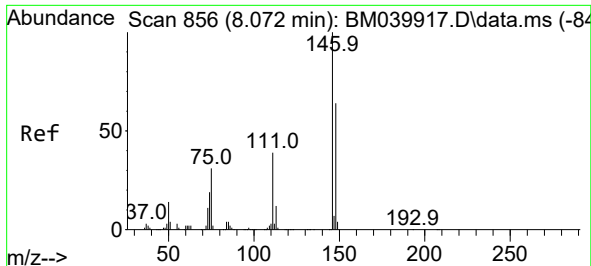


#12
1,3-Dichlorobenzene
Concen: 39.527 ng
RT: 7.925 min Scan# 831
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion: 146 Resp: 1328392

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
75	30.9	24.7	37.1

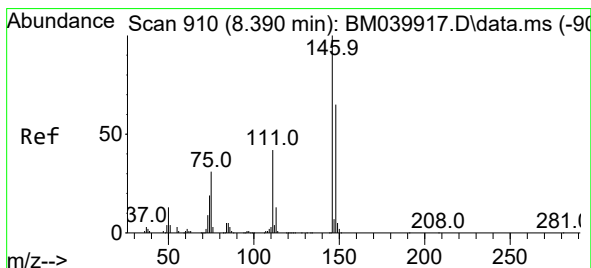
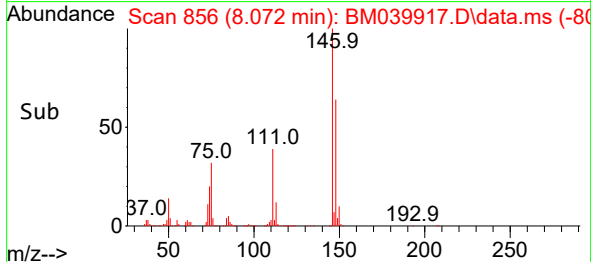
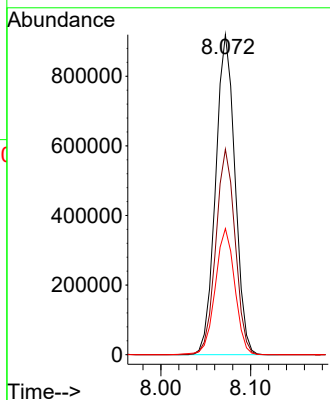
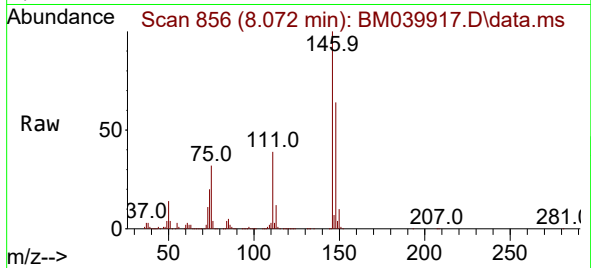




#13
1,4-Dichlorobenzene
Concen: 39.953 ng
RT: 8.072 min Scan# 856
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

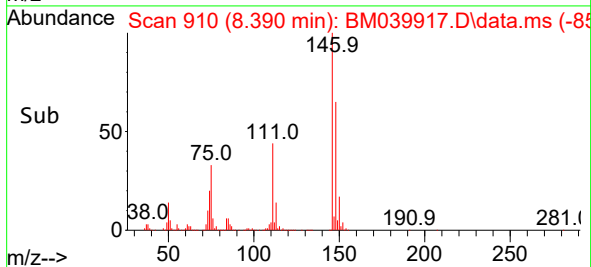
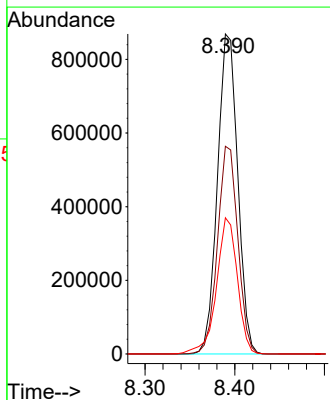
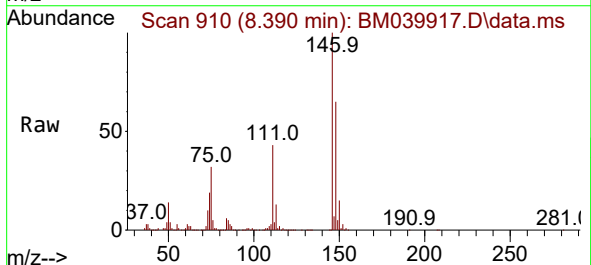
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

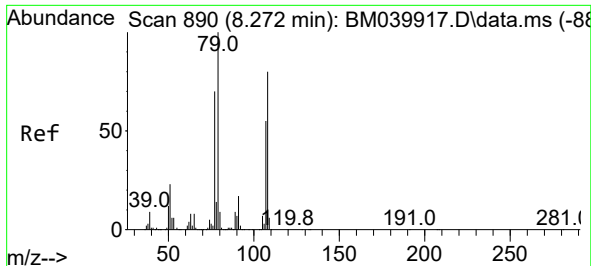
Tgt Ion:146 Resp: 1377203
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
111 39.4 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 40.036 ng
RT: 8.390 min Scan# 910
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion:146 Resp: 1364614
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
111 42.5 34.0 51.0

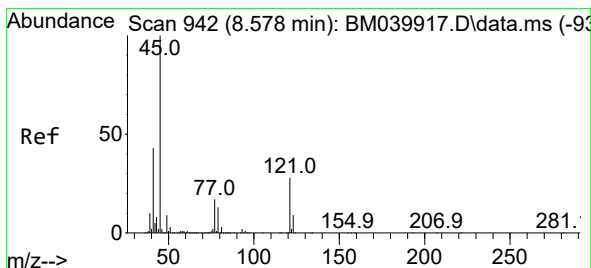
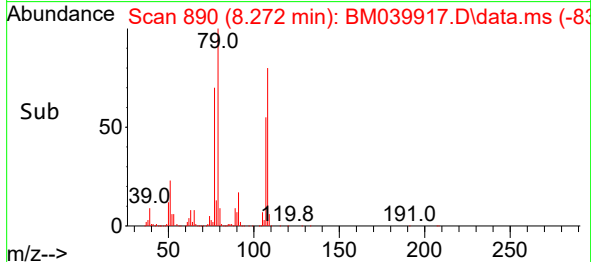
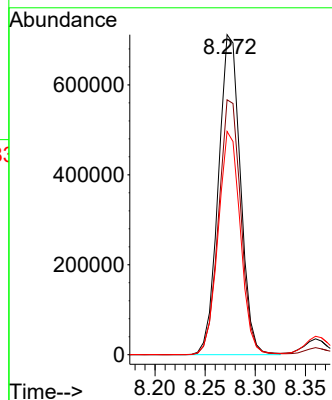
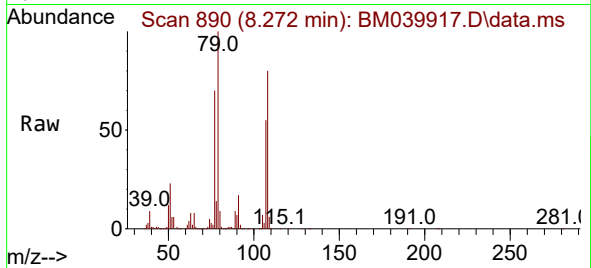




#15
Benzyl Alcohol
Concen: 42.242 ng
RT: 8.272 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

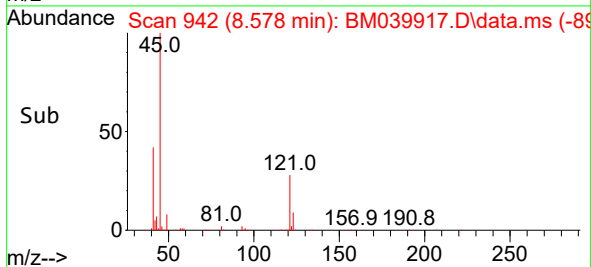
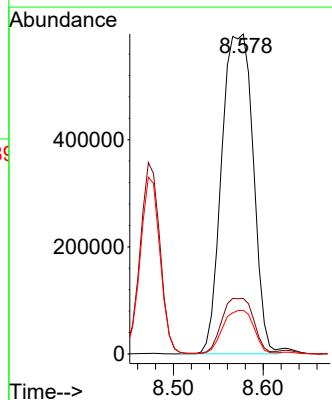
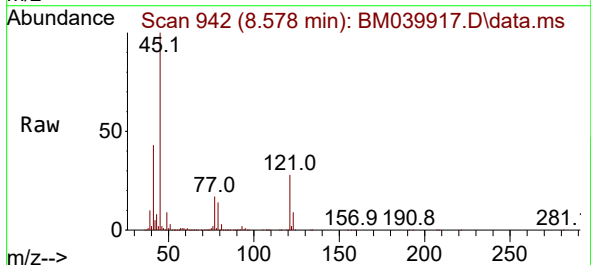
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

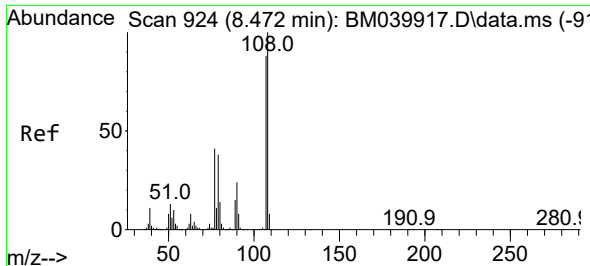
Tgt Ion: 79 Resp: 1088182
Ion Ratio Lower Upper
79 100
108 79.6 63.7 95.5
77 69.7 55.8 83.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.240 ng
RT: 8.578 min Scan# 942
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion: 45 Resp: 1454076
Ion Ratio Lower Upper
45 100
77 17.3 0.0 37.3
79 13.6 0.0 33.6





#17

2-Methylphenol

Concen: 41.453 ng

RT: 8.472 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM039917.D

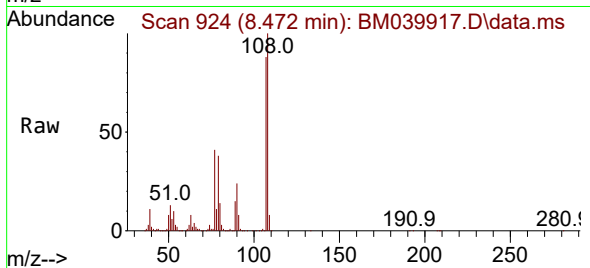
Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040



Tgt Ion:107 Resp: 1183641

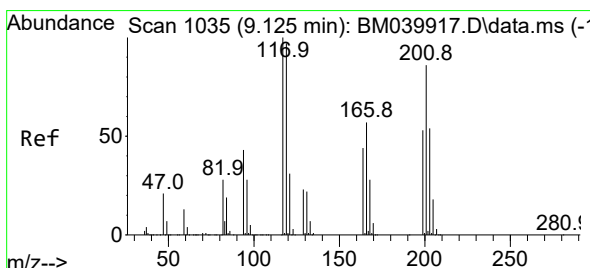
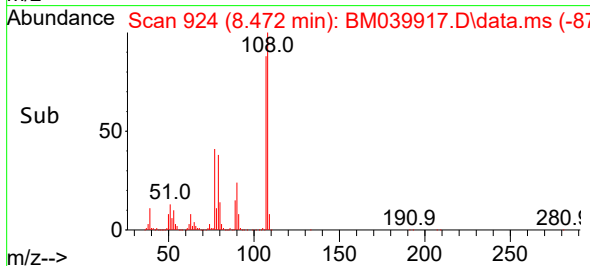
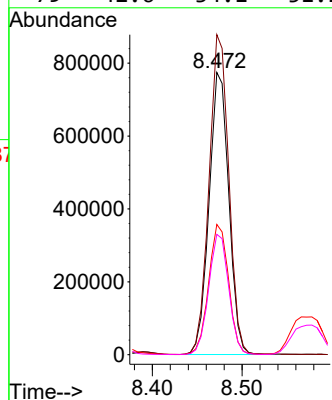
Ion Ratio Lower Upper

107 100

108 113.4 90.7 136.1

77 46.1 36.9 55.3

79 42.6 34.1 51.1



#18

Hexachloroethane

Concen: 40.633 ng

RT: 9.125 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

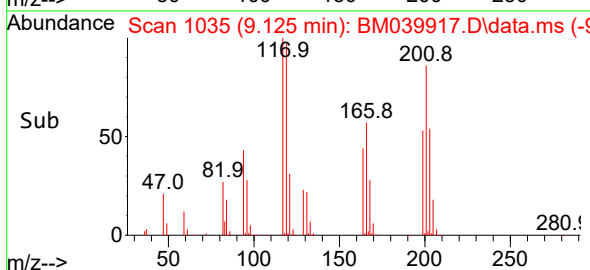
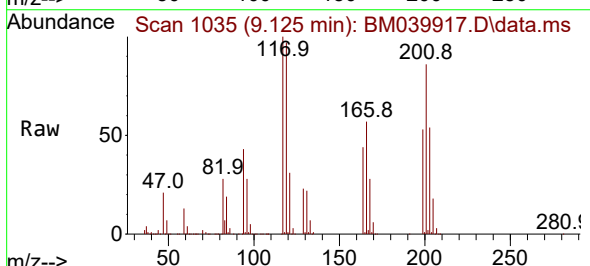
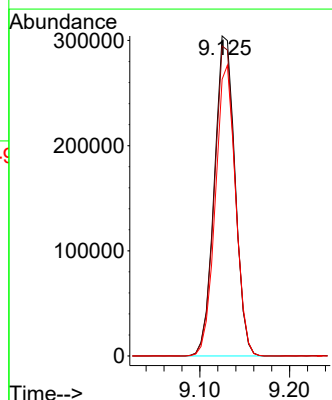
Tgt Ion:117 Resp: 487328

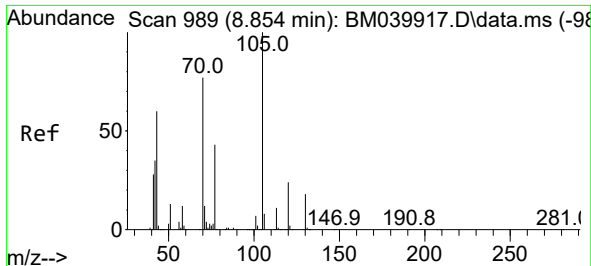
Ion Ratio Lower Upper

117 100

119 96.9 77.5 116.3

201 86.5 69.2 103.8



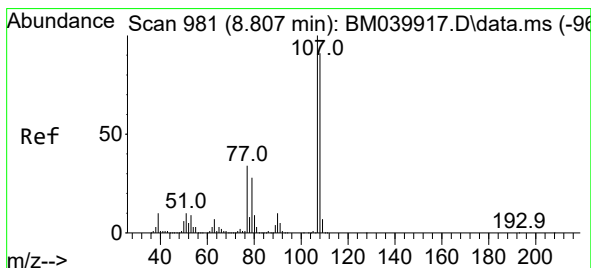
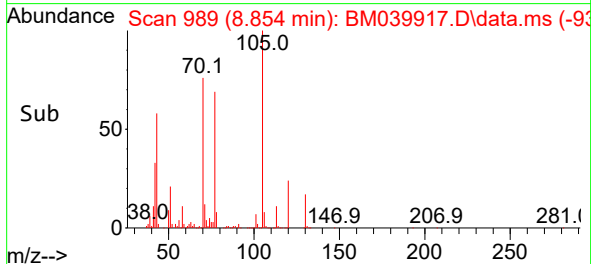
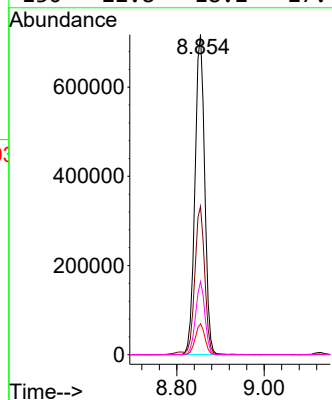
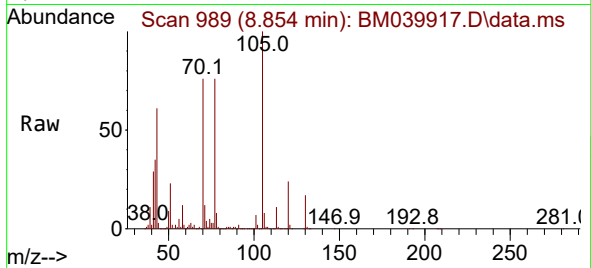


#19
n-Nitroso-di-n-propylamine
Concen: 43.242 ng
RT: 8.854 min Scan# 989
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 1109981

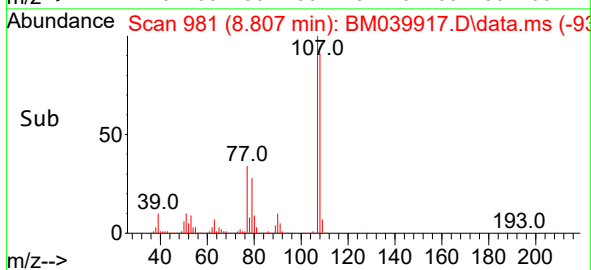
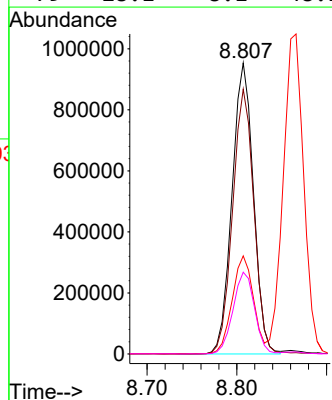
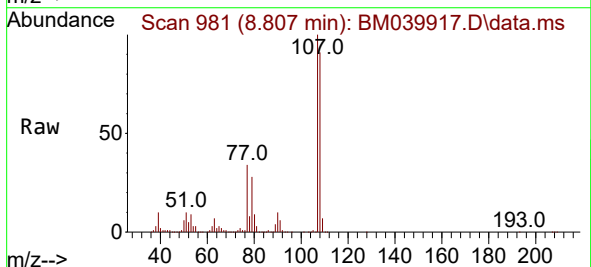
Ion	Ratio	Lower	Upper
70	100		
42	46.4	37.1	55.7
101	9.6	7.7	11.5
130	22.8	18.2	27.4

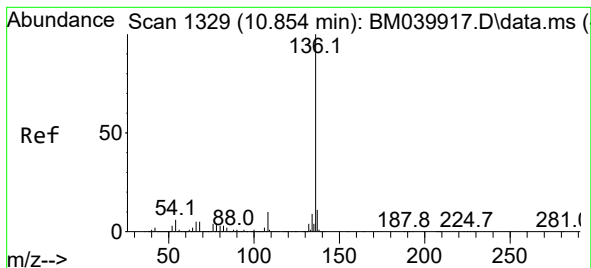


#20
3+4-Methylphenols
Concen: 41.515 ng
RT: 8.807 min Scan# 981
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion: 107 Resp: 1576023

Ion	Ratio	Lower	Upper
107	100		
108	91.0	71.0	111.0
77	33.7	13.7	53.7
79	28.1	8.1	48.1

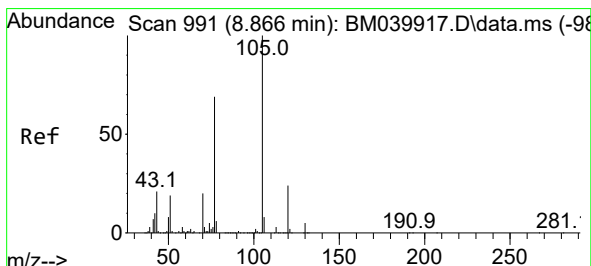
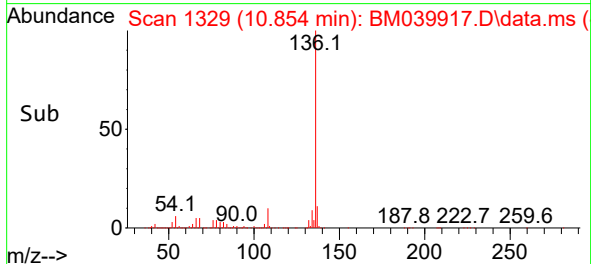
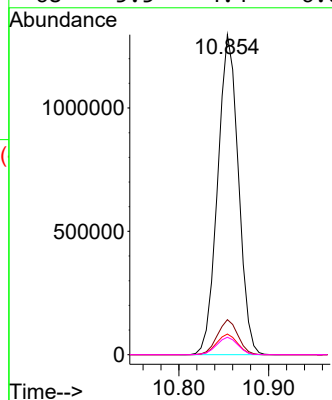
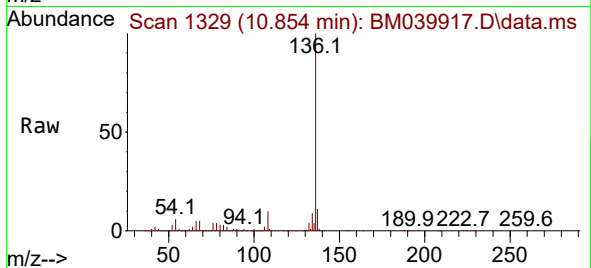




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.854 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

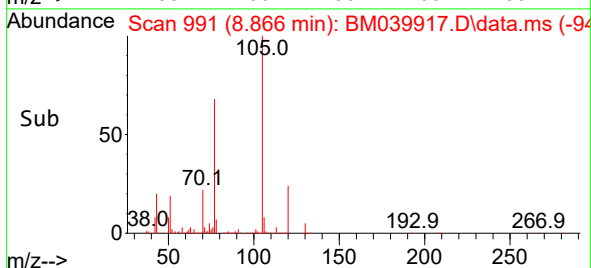
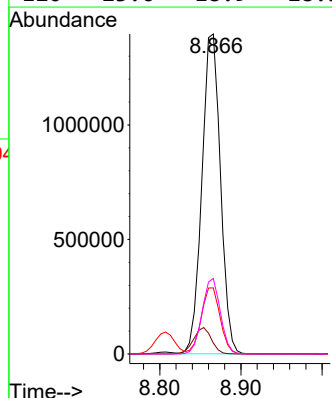
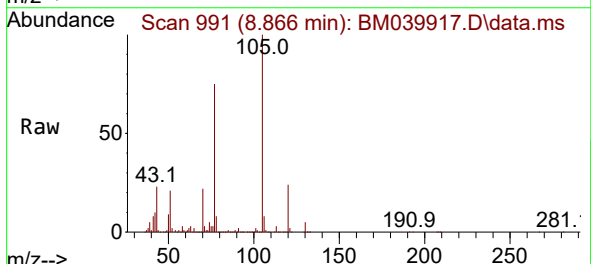
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

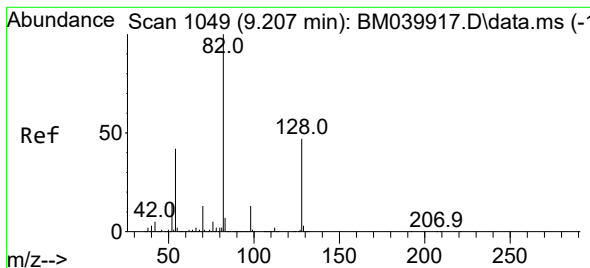
Tgt Ion:136 Resp: 2079591
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.2 7.8
68 5.5 4.4 6.6



#22
Acetophenone
Concen: 40.433 ng
RT: 8.866 min Scan# 991
Delta R.T. -0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion:105 Resp: 2217656
Ion Ratio Lower Upper
105 100
71 3.4 2.7 4.1
51 20.6 16.5 24.7
120 23.6 18.9 28.3





#23

Nitrobenzene-d5

Concen: 85.236 ng

RT: 9.207 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

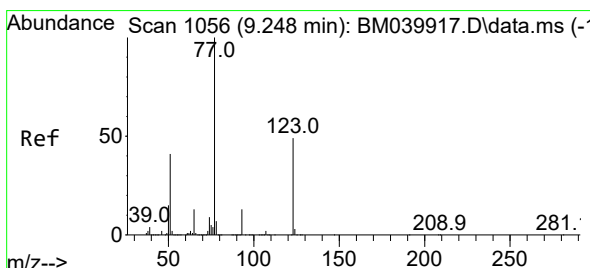
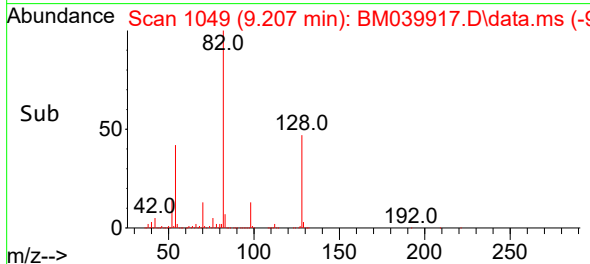
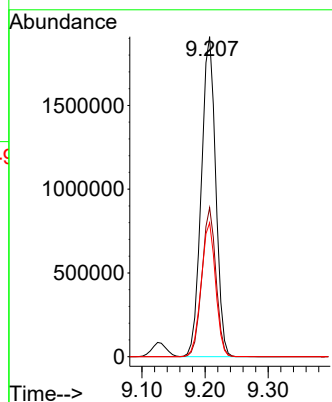
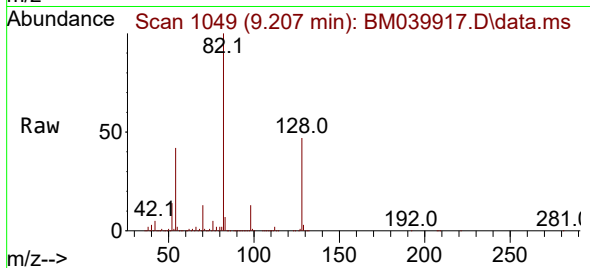
BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 3026555

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.2	55.8
54	41.9	33.5	50.3



#24

Nitrobenzene

Concen: 41.510 ng

RT: 9.248 min Scan# 1056

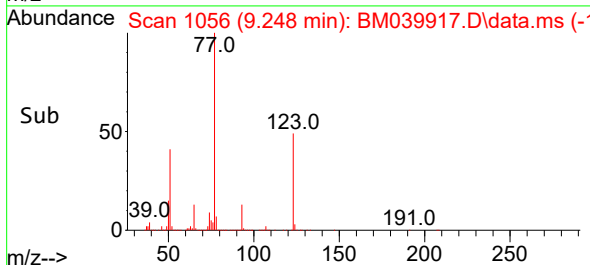
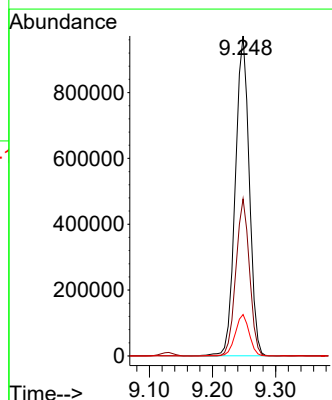
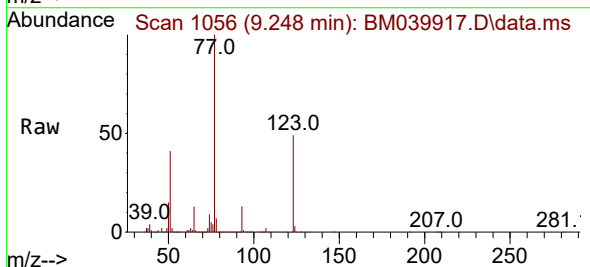
Delta R.T. 0.000 min

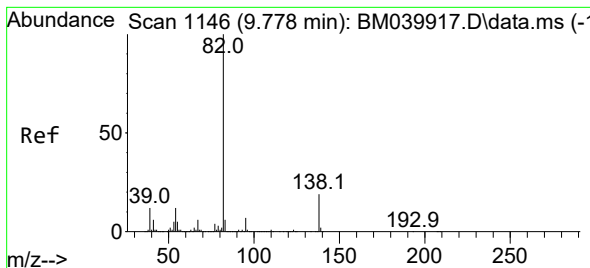
Lab File: BM039917.D

Acq: 12 May 2023 14:07

Tgt Ion: 77 Resp: 1490048

Ion	Ratio	Lower	Upper
77	100		
123	49.1	39.3	58.9
65	13.0	10.4	15.6





#25

Isophorone

Concen: 40.989 ng

RT: 9.778 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

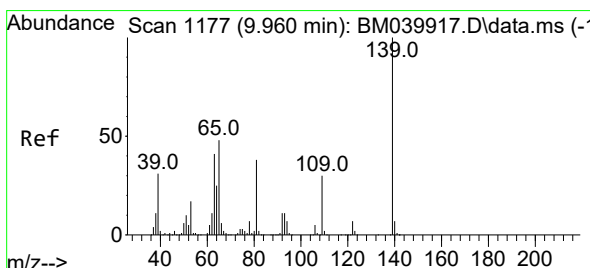
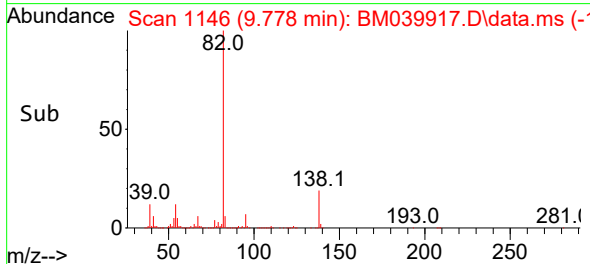
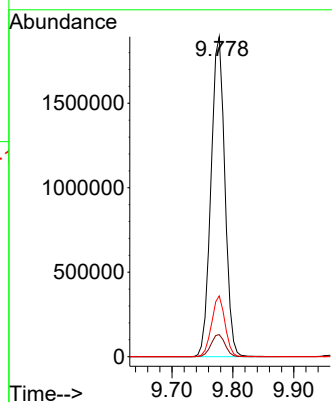
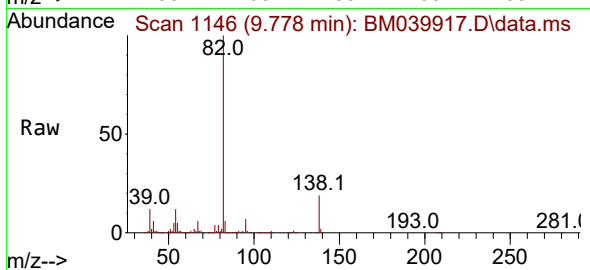
BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 2997414

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	19.0	15.2	22.8



#26

2-Nitrophenol

Concen: 38.726 ng

RT: 9.960 min Scan# 1177

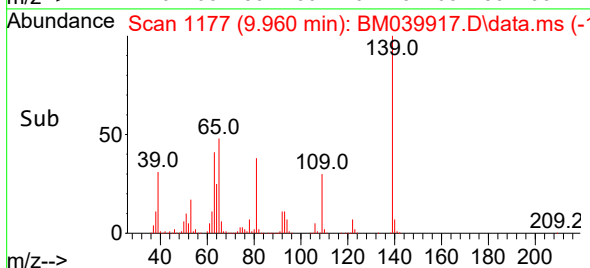
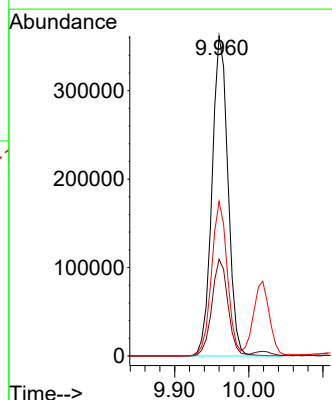
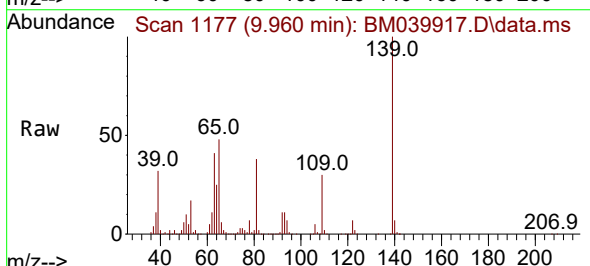
Delta R.T. -0.000 min

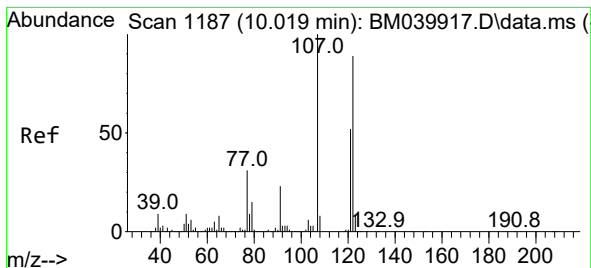
Lab File: BM039917.D

Acq: 12 May 2023 14:07

Tgt Ion: 139 Resp: 541111

Ion	Ratio	Lower	Upper
139	100		
109	30.2	24.2	36.2
65	48.3	38.6	58.0





#27

2,4-Dimethylphenol

Concen: 41.025 ng

RT: 10.019 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

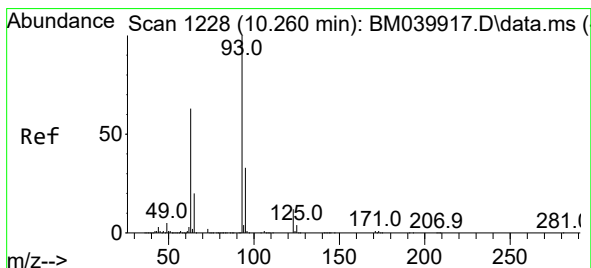
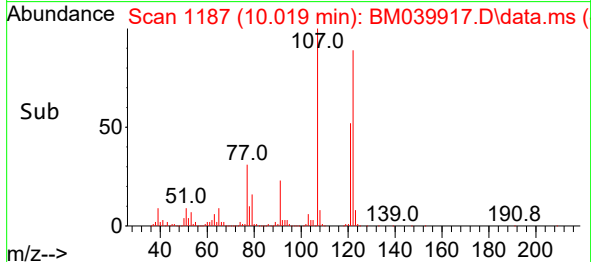
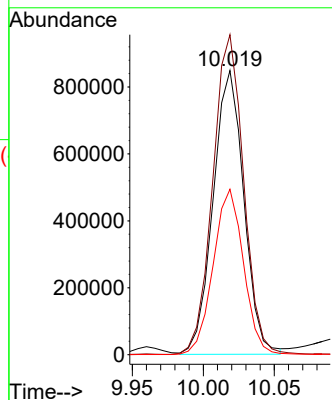
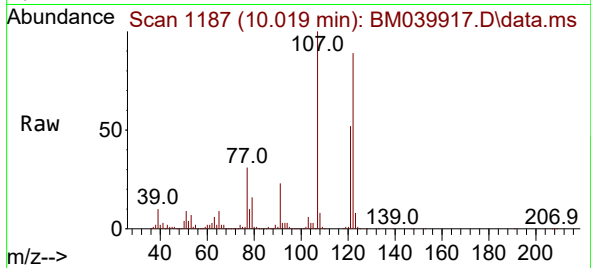
Tgt Ion:122 Resp: 1276079

Ion Ratio Lower Upper

122 100

107 112.6 90.1 135.1

121 58.2 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.385 ng

RT: 10.260 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

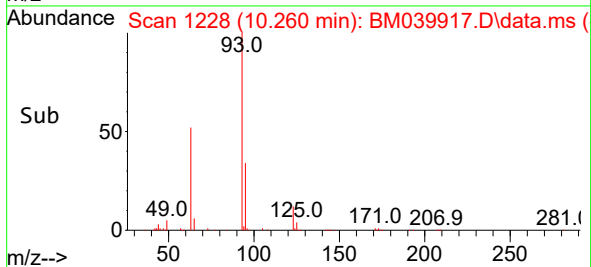
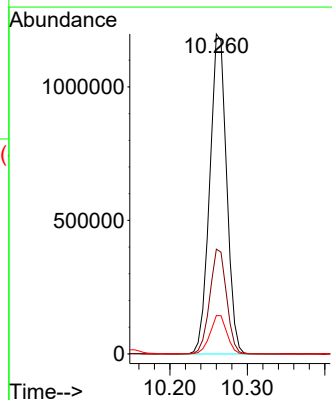
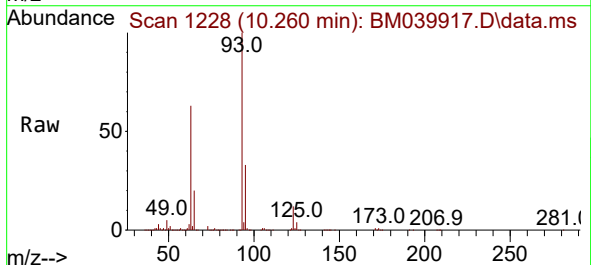
Tgt Ion: 93 Resp: 1809975

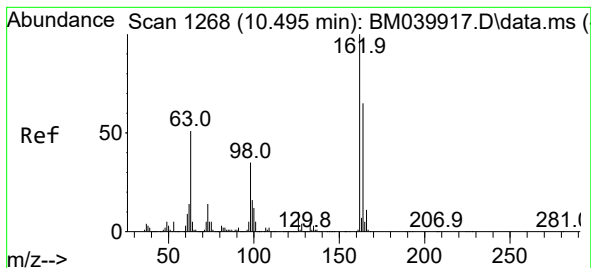
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 12.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 41.276 ng

RT: 10.495 min Scan# 1268

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

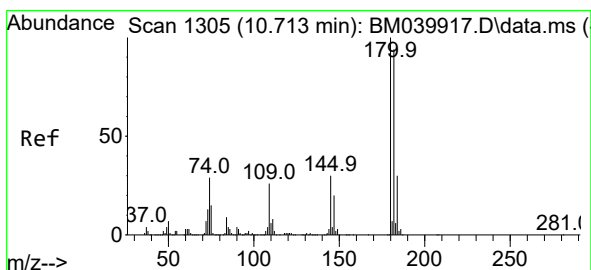
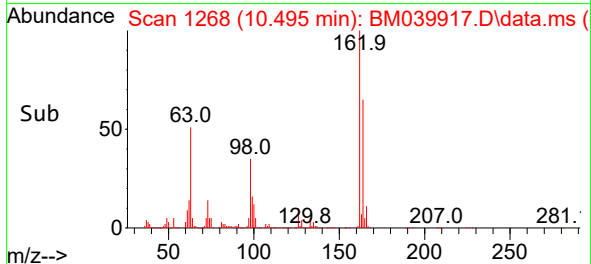
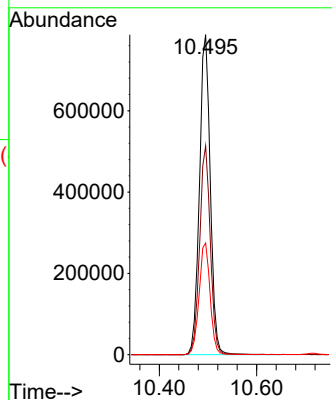
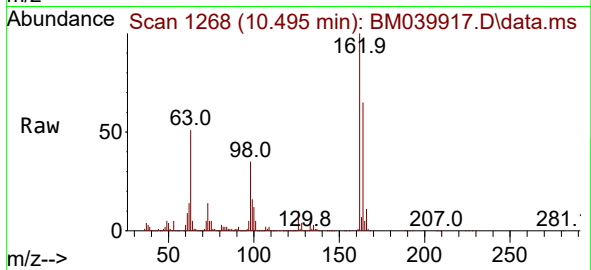
Tgt Ion:162 Resp: 1219564

Ion Ratio Lower Upper

162 100

164 65.3 45.3 85.3

98 34.9 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 39.611 ng

RT: 10.713 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

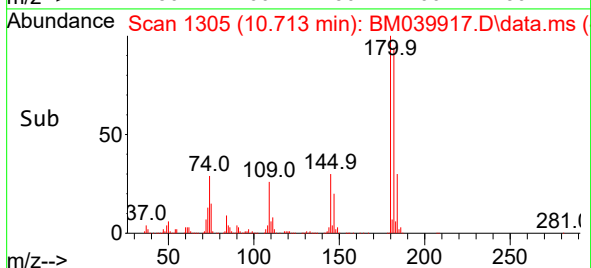
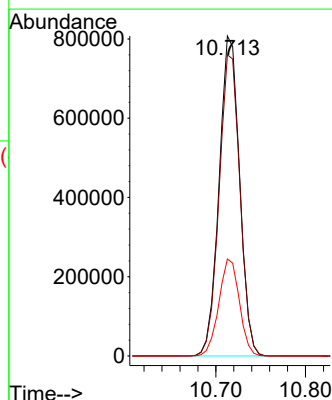
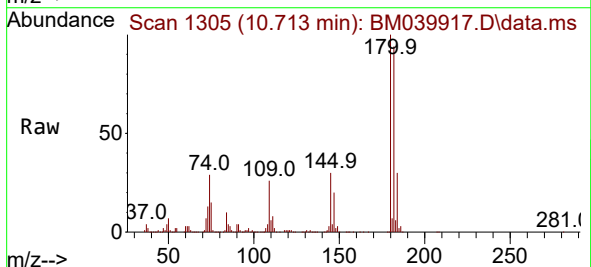
Tgt Ion:180 Resp: 1279584

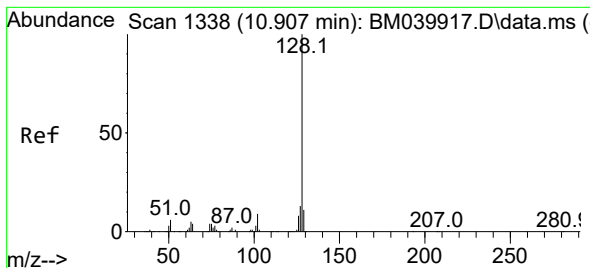
Ion Ratio Lower Upper

180 100

182 94.1 75.3 112.9

145 30.3 24.2 36.4





#31

Naphthalene

Concen: 39.807 ng

RT: 10.907 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

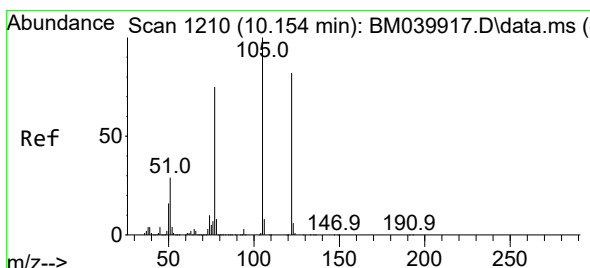
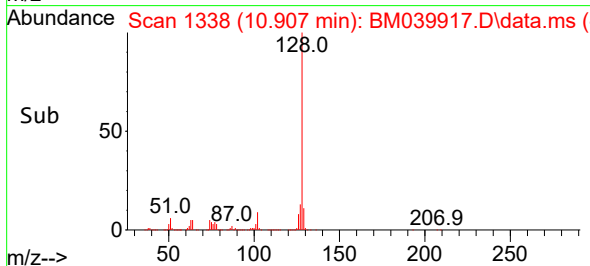
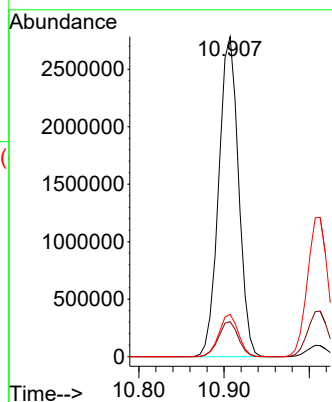
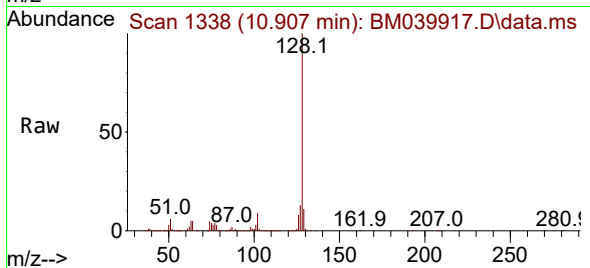
Tgt Ion:128 Resp: 4491460

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.2 10.6 15.8



#32

Benzoic acid

Concen: 37.666 ng

RT: 10.154 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

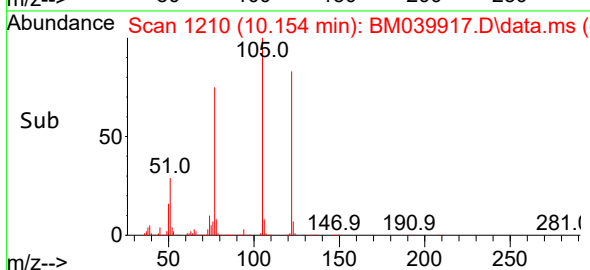
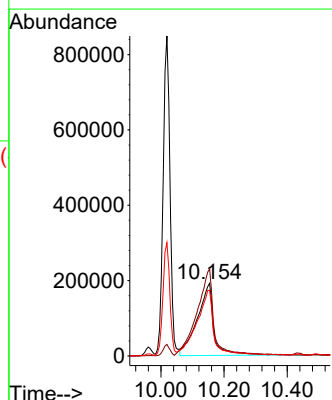
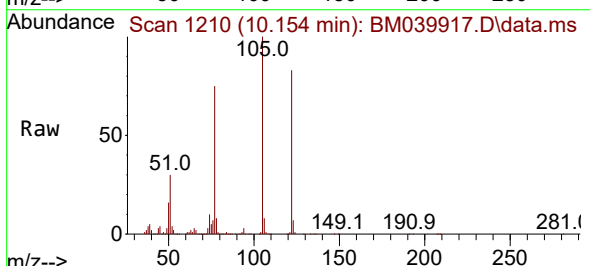
Tgt Ion:122 Resp: 702290

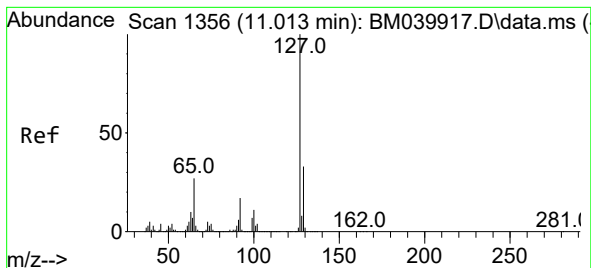
Ion Ratio Lower Upper

122 100

105 119.9 99.9 139.9

77 90.4 70.4 110.4



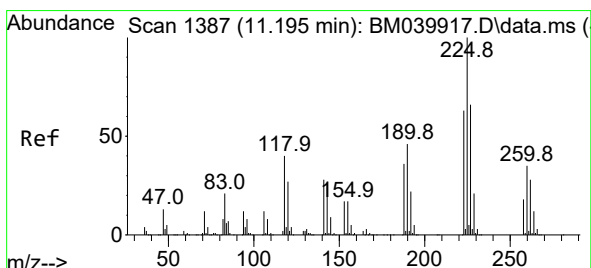
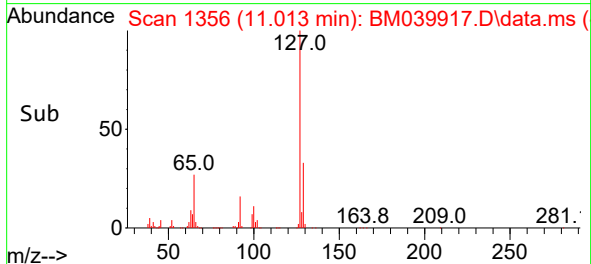
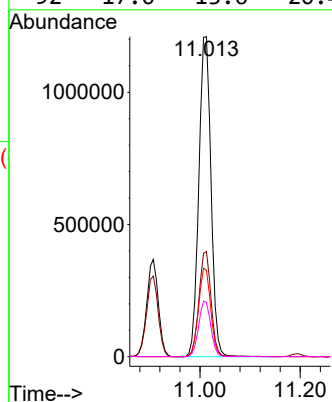
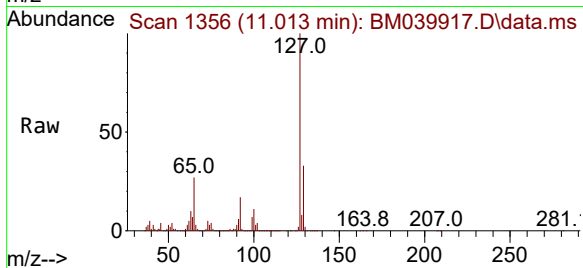


#33
4-Chloroaniline
Concen: 41.317 ng
RT: 11.013 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 2040431

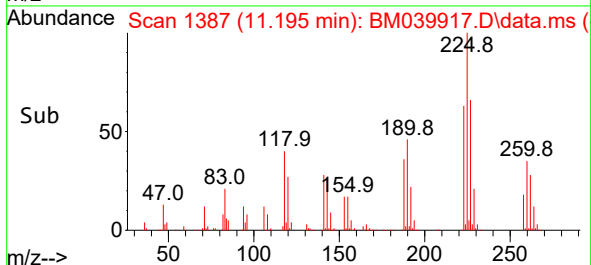
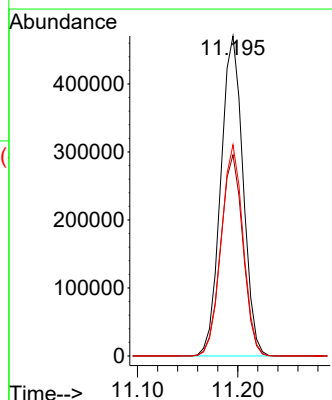
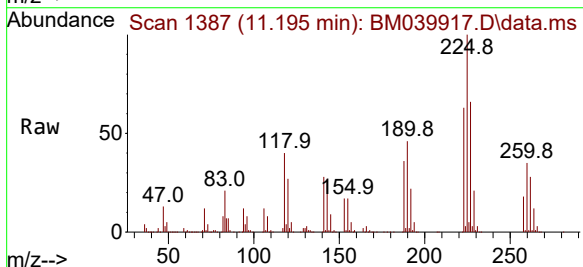
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	27.0	21.6	32.4
92	17.0	13.6	20.4

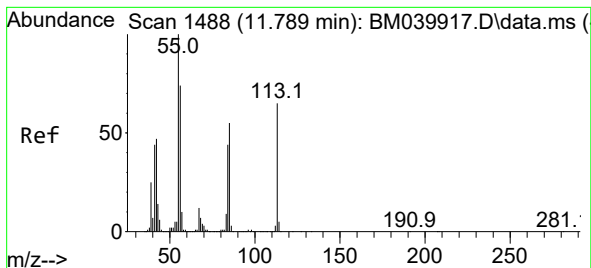


#34
Hexachlorobutadiene
Concen: 39.277 ng
RT: 11.195 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion:225 Resp: 723172

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.4
227	66.0	52.8	79.2





#35

Caprolactam

Concen: 44.531 ng

RT: 11.789 min Scan# 1488

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

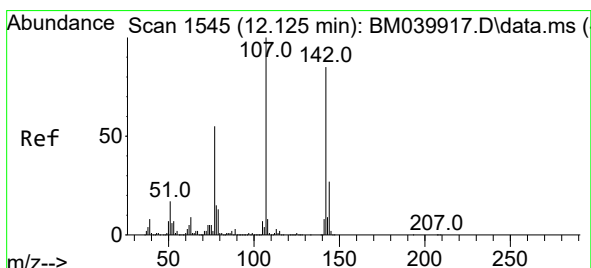
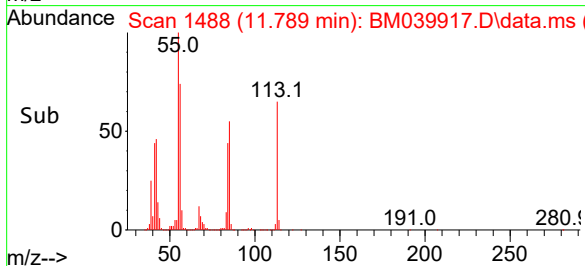
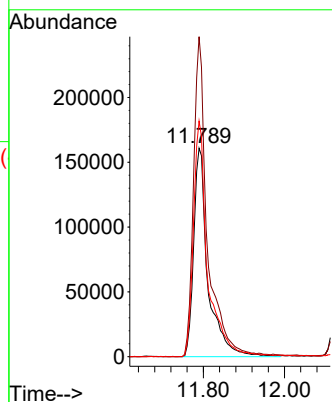
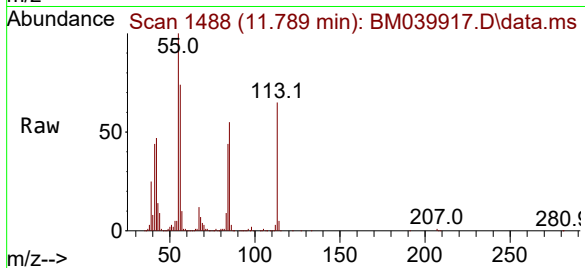
Tgt Ion:113 Resp: 395340

Ion Ratio Lower Upper

113 100

55 153.4 133.4 173.4

56 113.0 93.0 133.0



#36

4-Chloro-3-methylphenol

Concen: 41.616 ng

RT: 12.125 min Scan# 1545

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

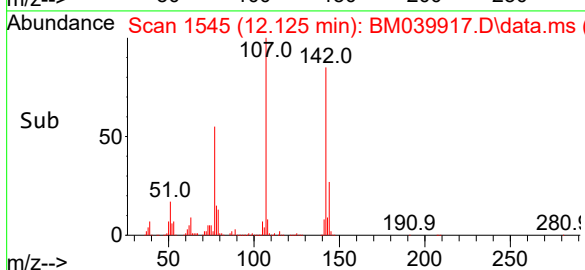
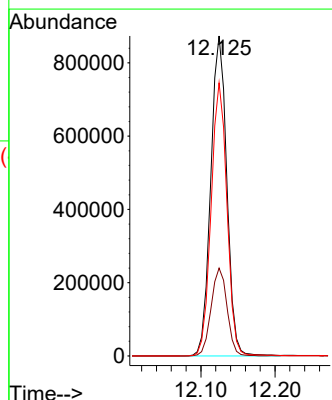
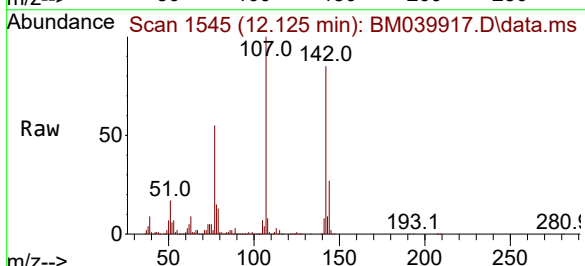
Tgt Ion:107 Resp: 1314415

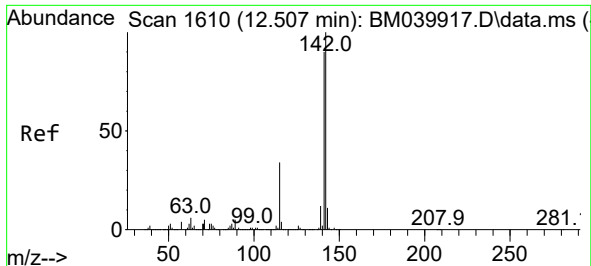
Ion Ratio Lower Upper

107 100

144 27.5 22.0 33.0

142 85.4 68.3 102.5

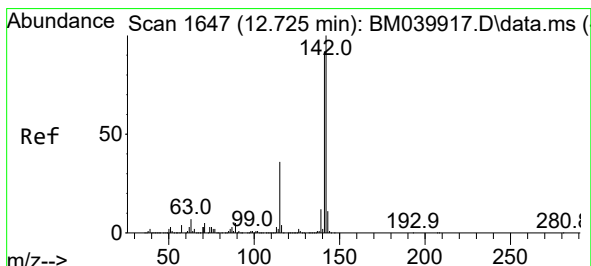
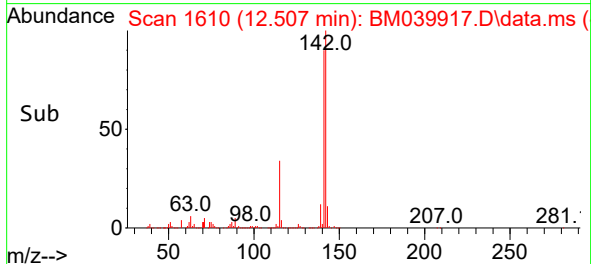
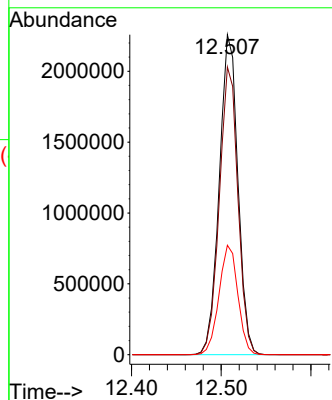
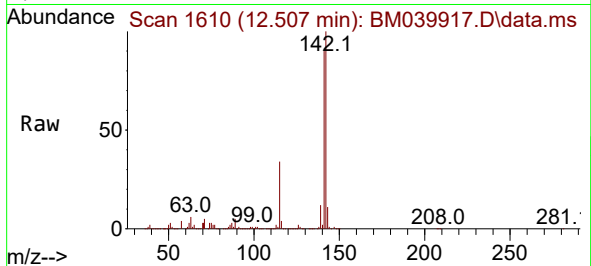




#37
2-Methylnaphthalene
Concen: 40.482 ng
RT: 12.507 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

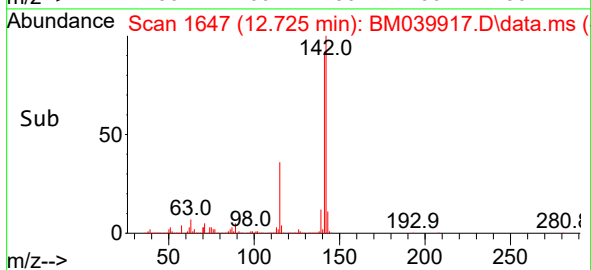
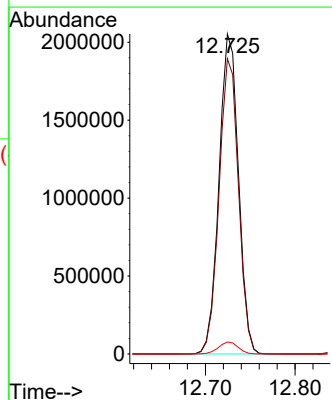
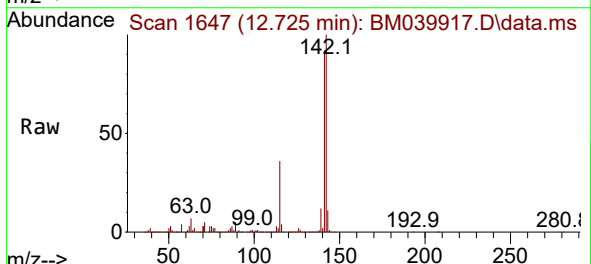
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

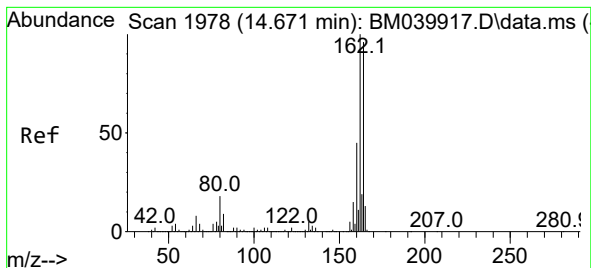
Tgt Ion:142 Resp: 3253852
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9
115 34.2 27.4 41.0



#38
1-Methylnaphthalene
Concen: 40.691 ng
RT: 12.725 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion:142 Resp: 3081004
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.8
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.671 min Scan# 1978

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

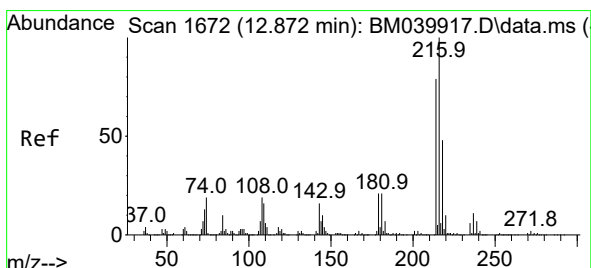
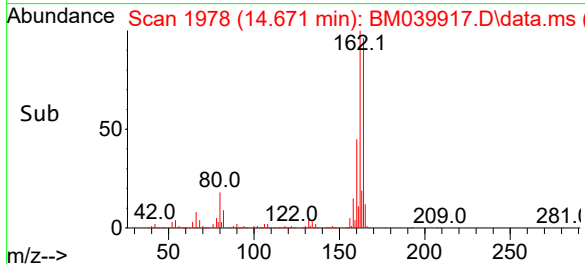
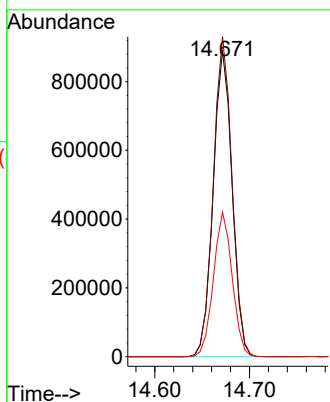
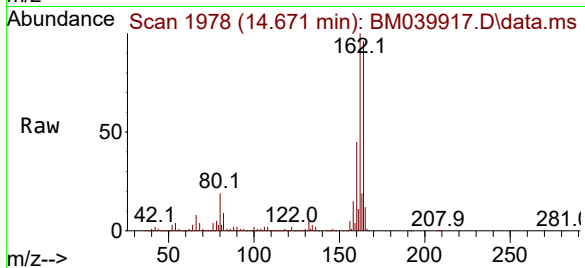
Tgt Ion:164 Resp: 1233682

Ion Ratio Lower Upper

164 100

162 104.5 83.6 125.4

160 47.2 37.8 56.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.241 ng

RT: 12.872 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Tgt Ion:216 Resp: 1497633

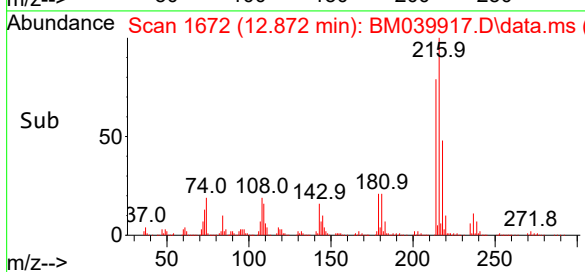
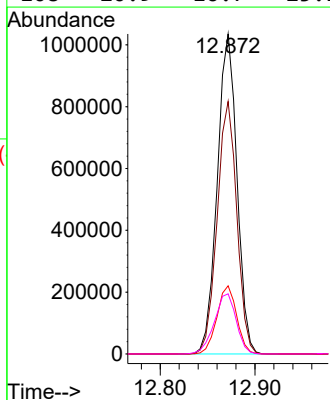
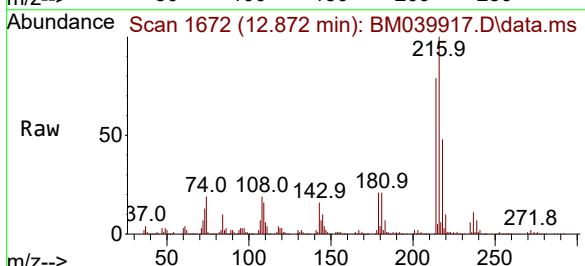
Ion Ratio Lower Upper

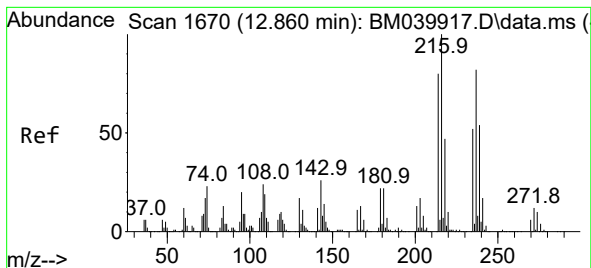
216 100

214 78.6 62.9 94.3

179 21.4 17.1 25.7

108 20.9 16.7 25.1

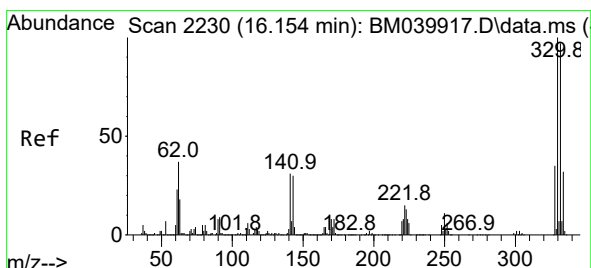
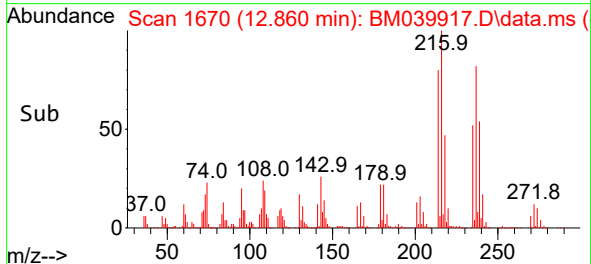
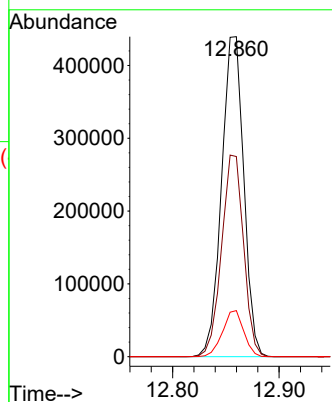
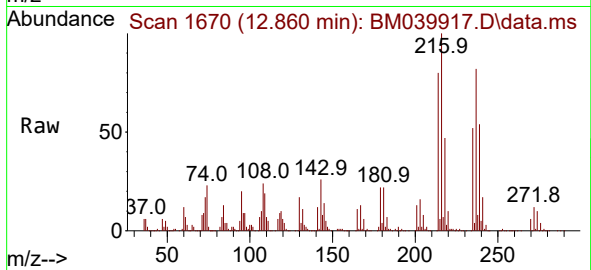




#41
Hexachlorocyclopentadiene
Concen: 38.496 ng
RT: 12.860 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

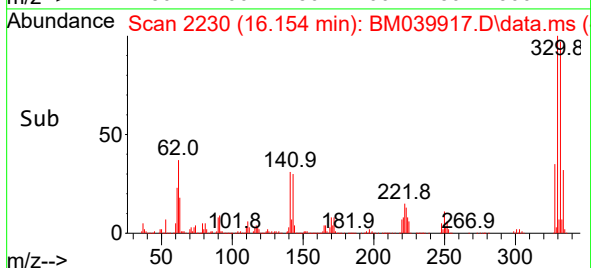
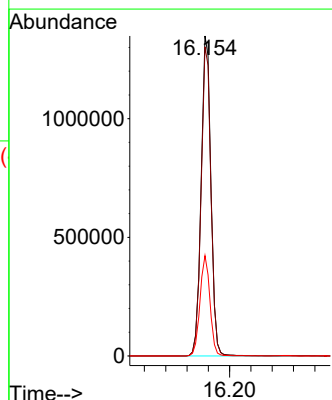
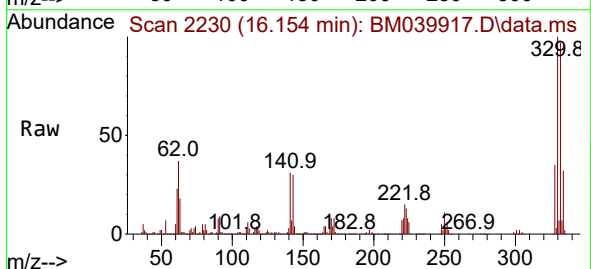
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

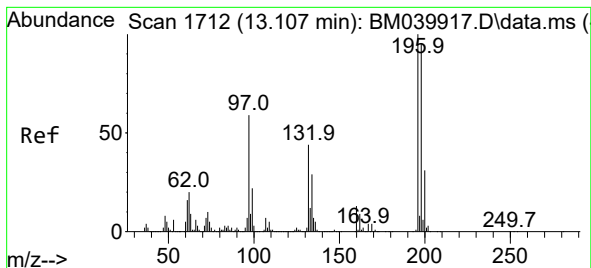
Tgt Ion:237 Resp: 635200
Ion Ratio Lower Upper
237 100
235 62.5 42.5 82.5
272 14.4 0.0 34.4



#42
2,4,6-Tribromophenol
Concen: 78.400 ng
RT: 16.154 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion:330 Resp: 1720609
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 32.0 25.6 38.4





#43

2,4,6-Trichlorophenol

Concen: 42.185 ng

RT: 13.107 min Scan# 1712

Delta R.T. -0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

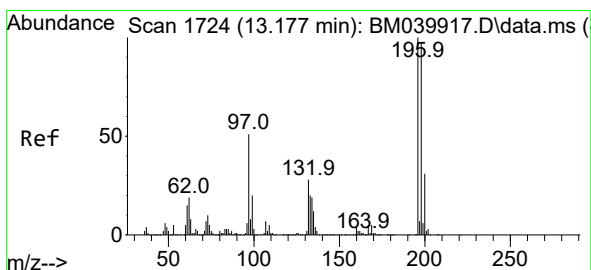
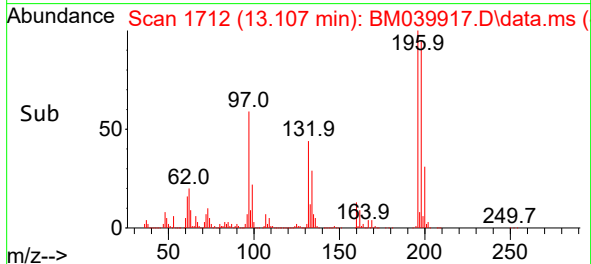
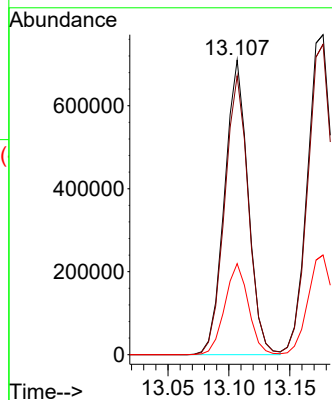
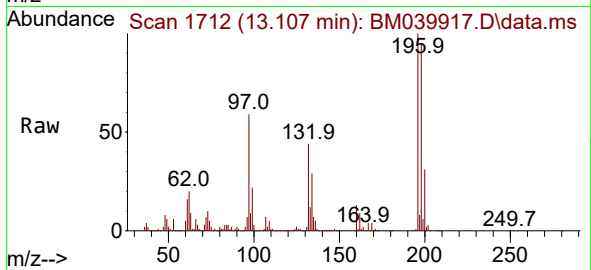
Tgt Ion:196 Resp: 959191

Ion Ratio Lower Upper

196 100

198 94.6 75.7 113.5

200 30.9 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 41.984 ng

RT: 13.177 min Scan# 1724

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Tgt Ion:196 Resp: 1126282

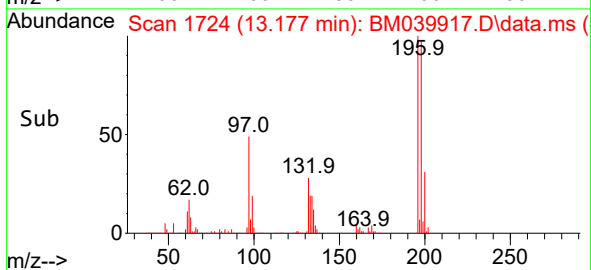
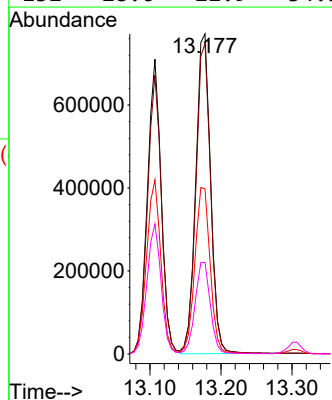
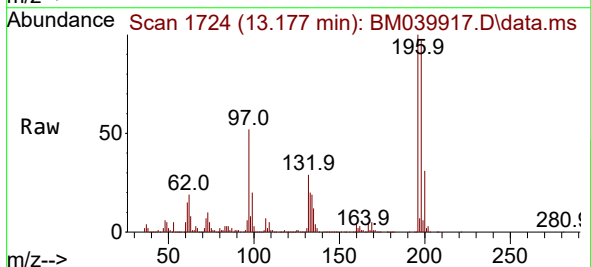
Ion Ratio Lower Upper

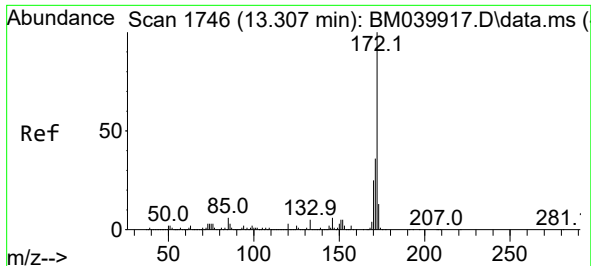
196 100

198 97.0 77.6 116.4

97 51.6 41.3 61.9

132 28.6 22.9 34.3

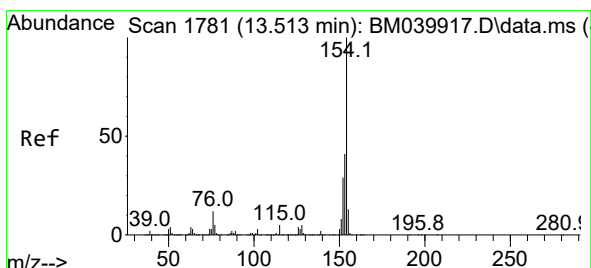
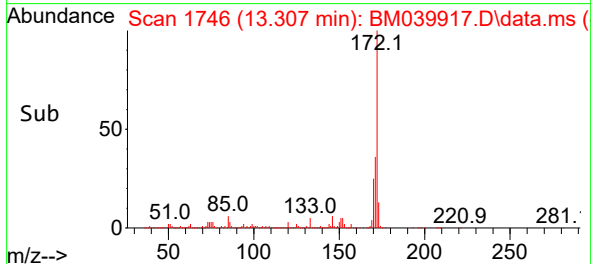
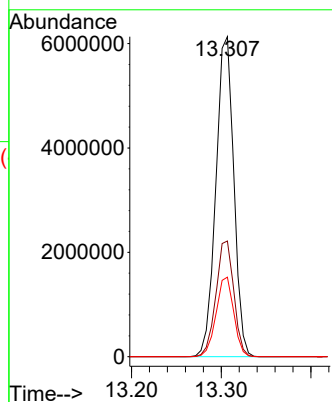
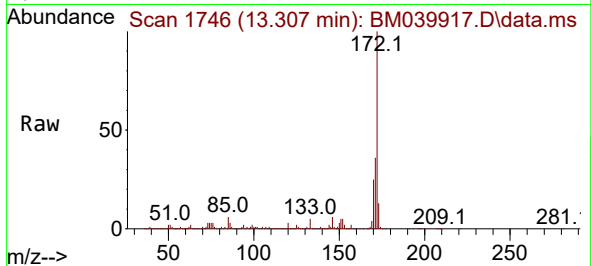




#45
2-Fluorobiphenyl
Concen: 88.078 ng
RT: 13.307 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

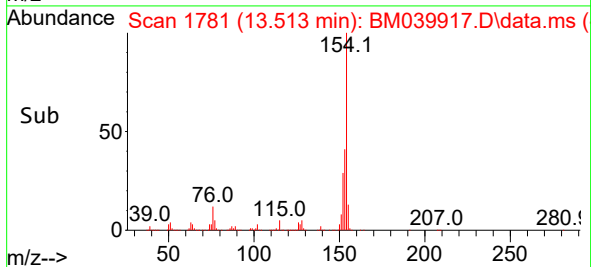
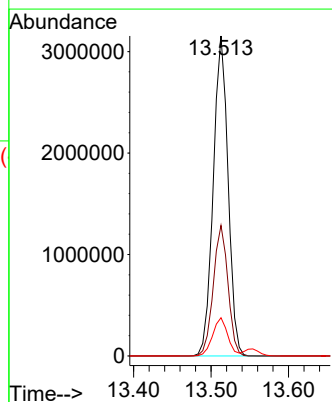
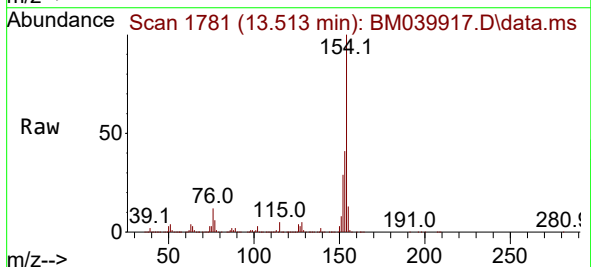
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

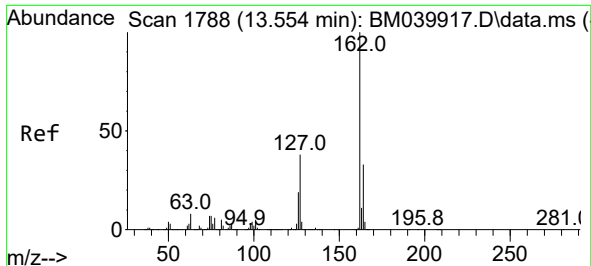
Tgt Ion:172 Resp: 8494617
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 24.9 19.9 29.9



#46
1,1'-Biphenyl
Concen: 40.910 ng
RT: 13.513 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion:154 Resp: 4180926
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 11.9 0.0 31.9

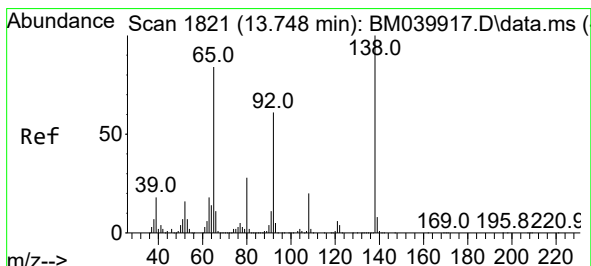
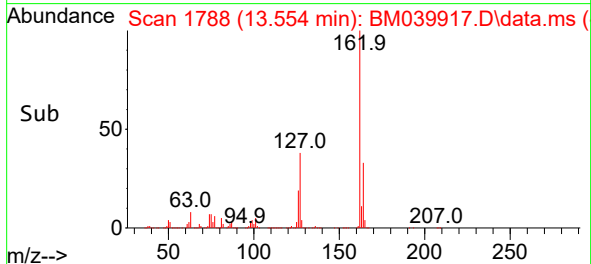
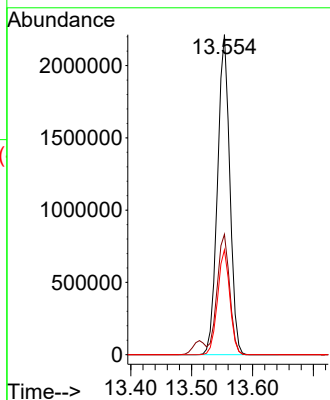
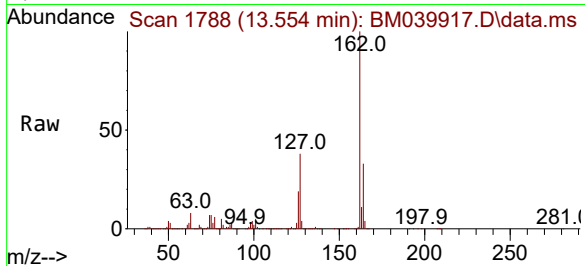




#47
2-Chloronaphthalene
Concen: 40.778 ng
RT: 13.554 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

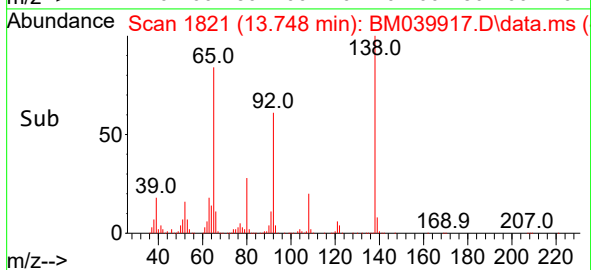
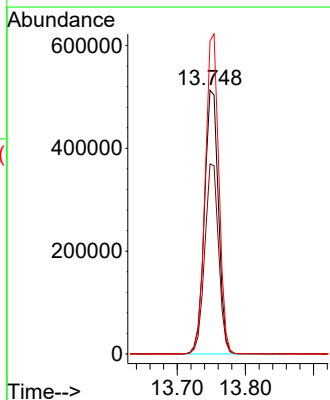
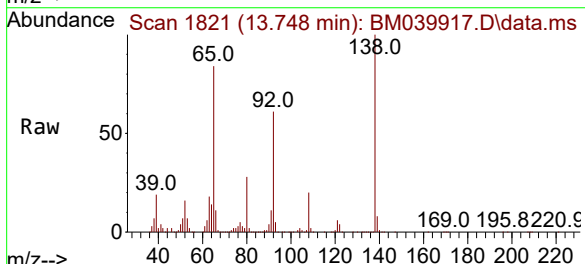
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

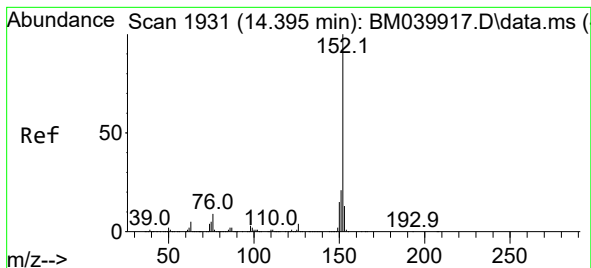
Tgt Ion:162 Resp: 3091183
Ion Ratio Lower Upper
162 100
127 37.6 30.1 45.1
164 32.8 26.2 39.4



#48
2-Nitroaniline
Concen: 39.422 ng
RT: 13.748 min Scan# 1821
Delta R.T. -0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion: 65 Resp: 734394
Ion Ratio Lower Upper
65 100
92 72.1 57.7 86.5
138 118.8 95.0 142.6





#49

Acenaphthylene

Concen: 41.748 ng

RT: 14.395 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

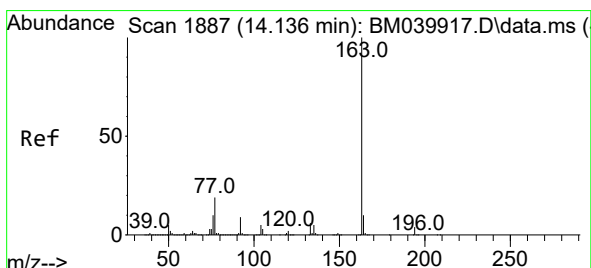
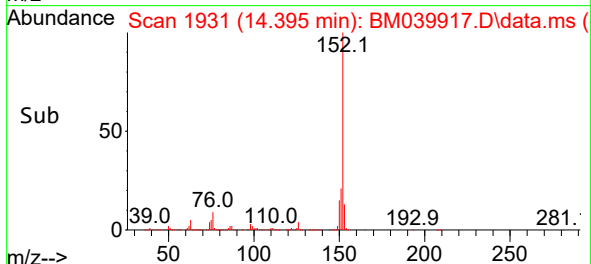
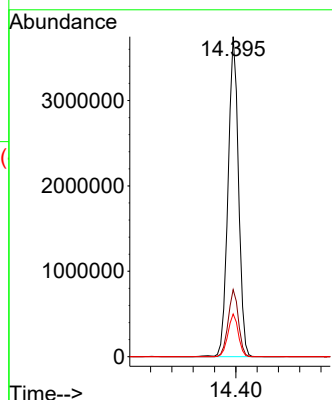
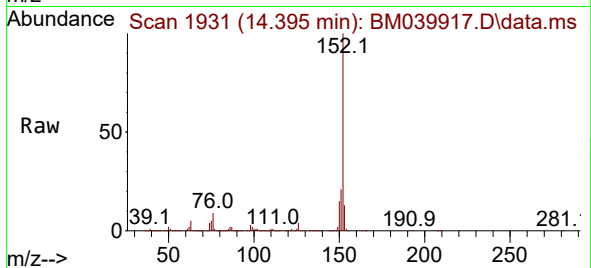
Tgt Ion:152 Resp: 5103455

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 41.269 ng

RT: 14.136 min Scan# 1887

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

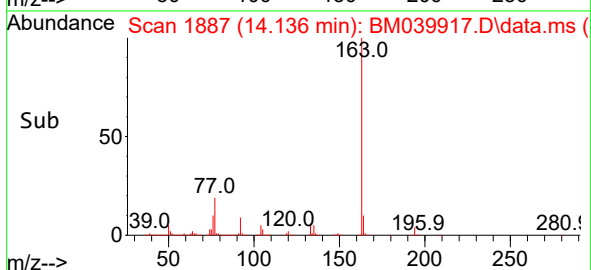
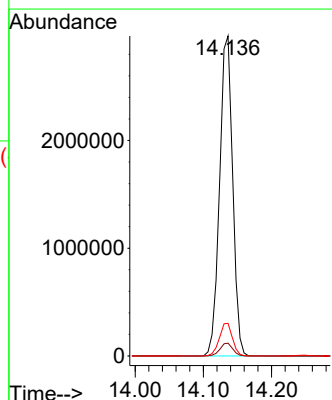
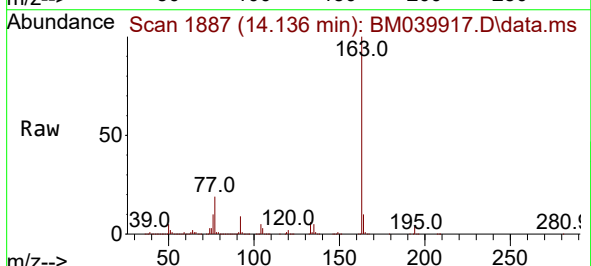
Tgt Ion:163 Resp: 3970311

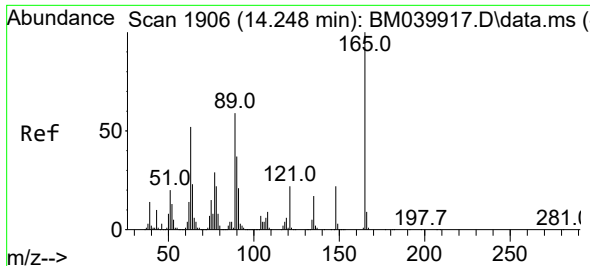
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.2 8.2 12.2

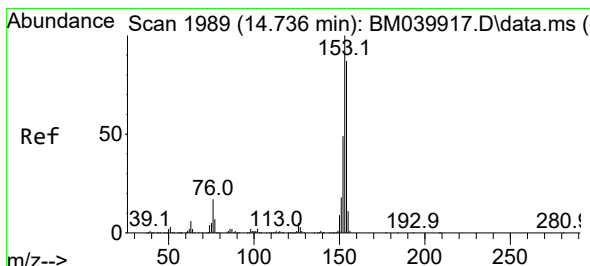
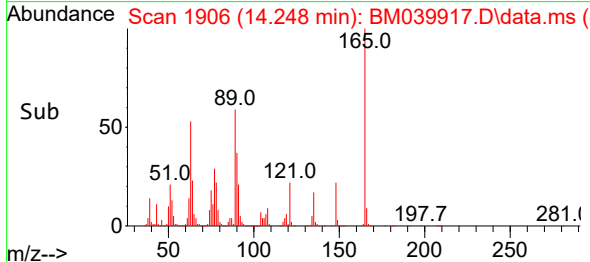
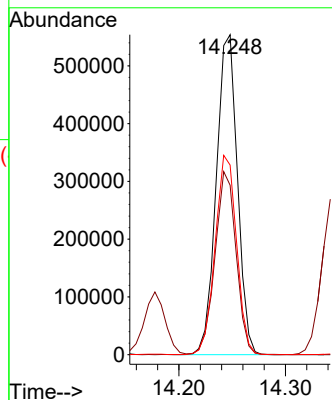
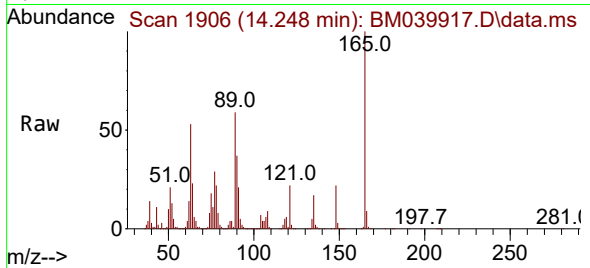




#51
2,6-Dinitrotoluene
Concen: 38.903 ng
RT: 14.248 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

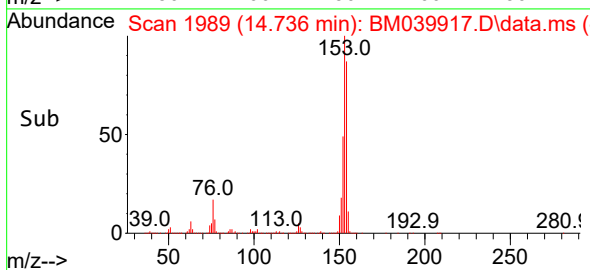
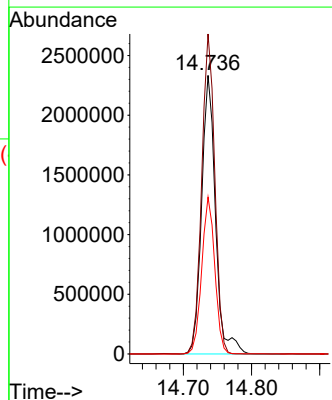
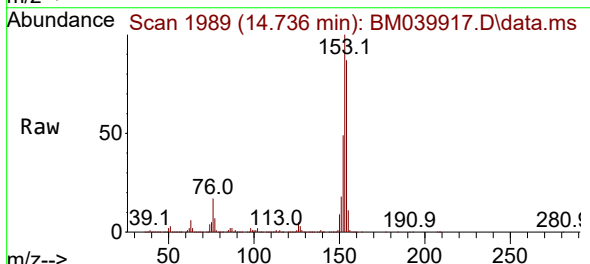
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

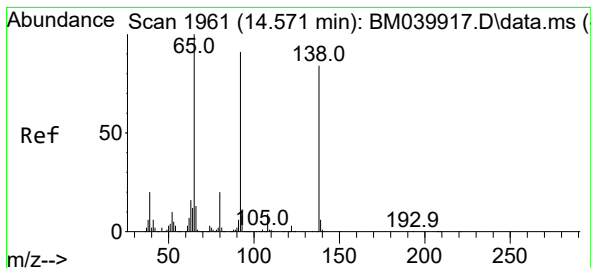
Tgt Ion:165 Resp: 761335
Ion Ratio Lower Upper
165 100
63 52.9 42.3 63.5
89 59.2 47.4 71.0



#52
Acenaphthene
Concen: 41.430 ng
RT: 14.736 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion:154 Resp: 3299561
Ion Ratio Lower Upper
154 100
153 114.9 91.9 137.9
152 56.3 45.0 67.6

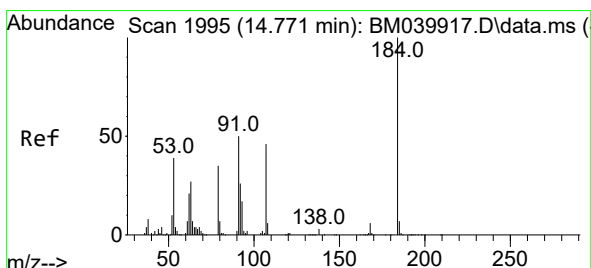
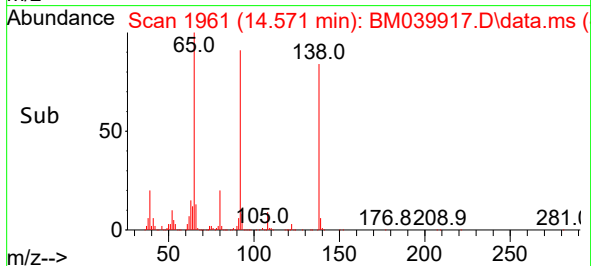
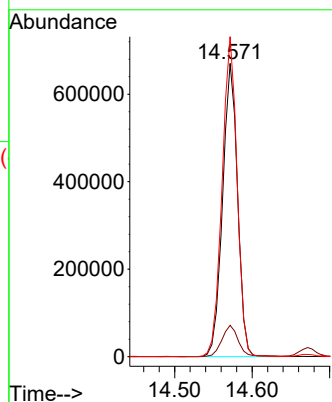
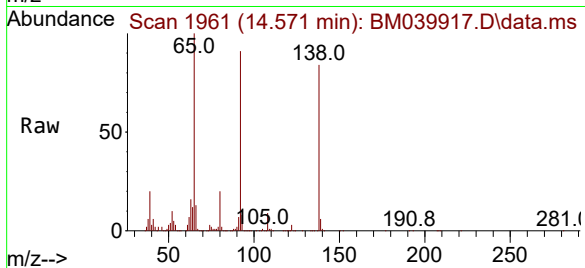




#53
3-Nitroaniline
Concen: 39.743 ng
RT: 14.571 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

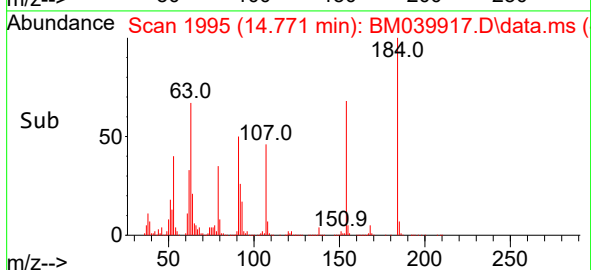
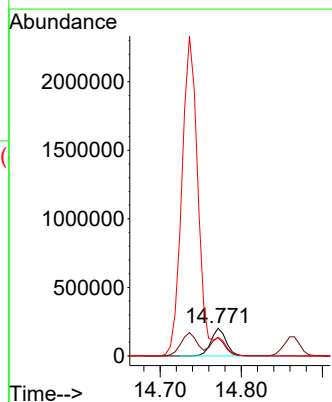
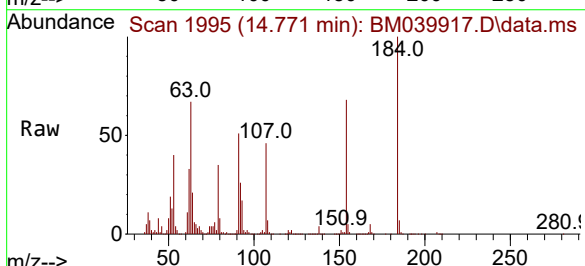
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

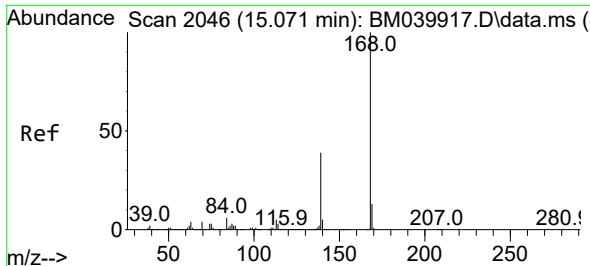
Tgt Ion:138 Resp: 898526
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 109.1 87.3 130.9



#54
2,4-Dinitrophenol
Concen: 39.349 ng
RT: 14.771 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion:184 Resp: 259037
Ion Ratio Lower Upper
184 100
63 66.7 53.4 80.0
154 67.7 54.2 81.2

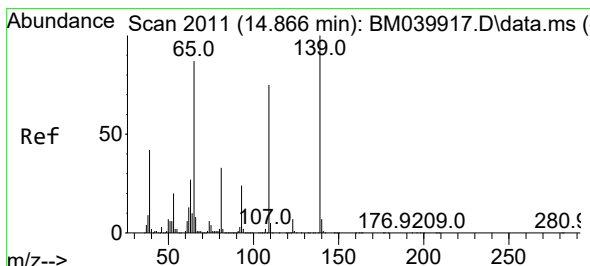
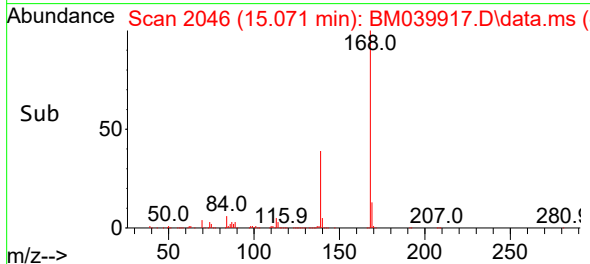
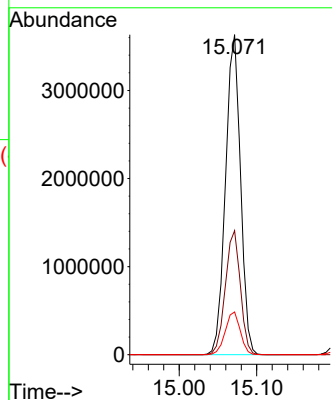
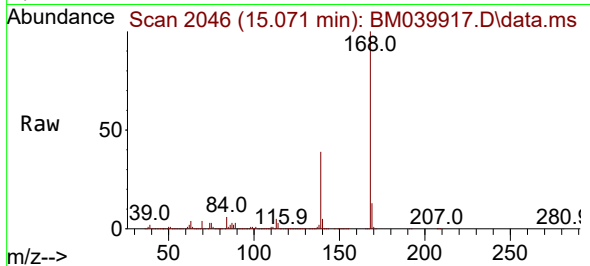




#55
Dibenzofuran
Concen: 41.102 ng
RT: 15.071 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

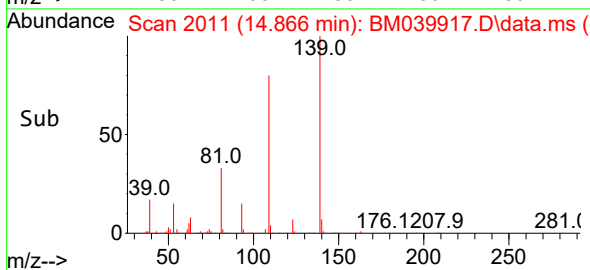
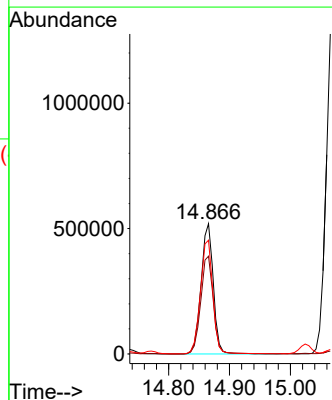
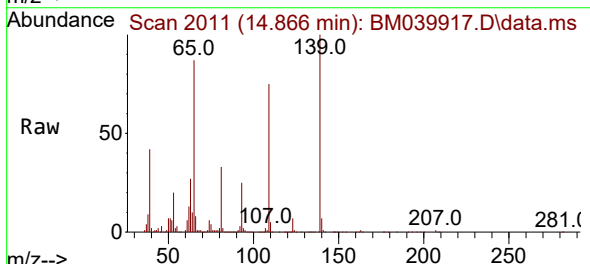
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

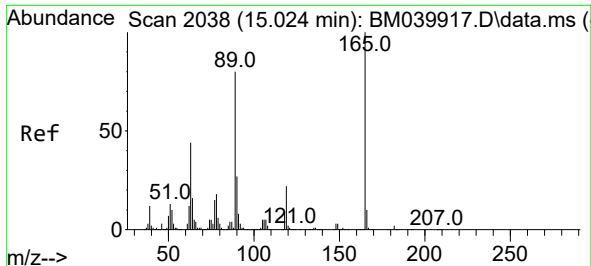
Tgt Ion:168 Resp: 4879138
Ion Ratio Lower Upper
168 100
139 38.8 31.0 46.6
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 43.196 ng
RT: 14.866 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion:139 Resp: 721118
Ion Ratio Lower Upper
139 100
109 75.1 55.1 95.1
65 87.4 67.4 107.4

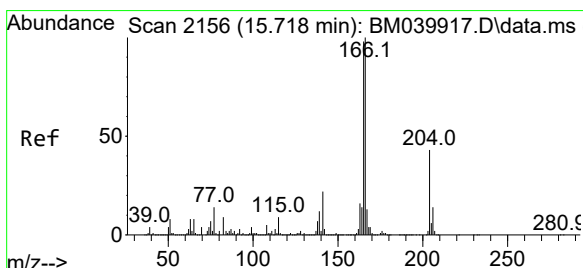
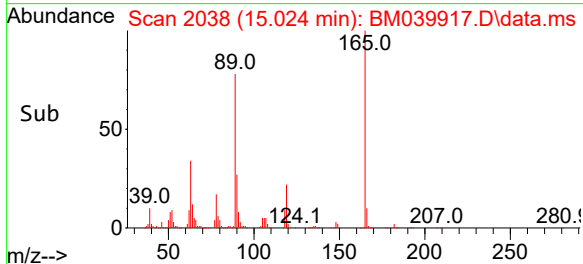
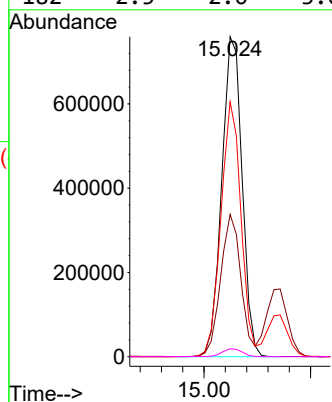
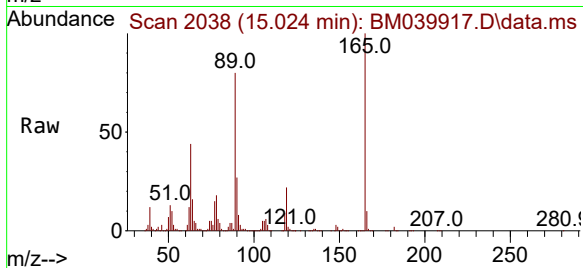




#57
2,4-Dinitrotoluene
Concen: 39.068 ng
RT: 15.024 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

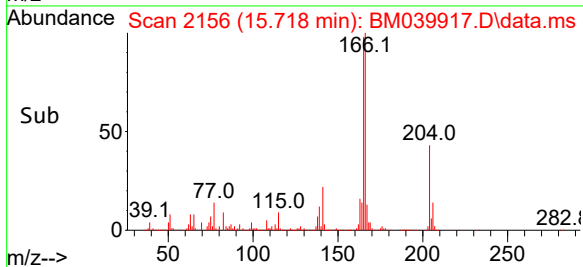
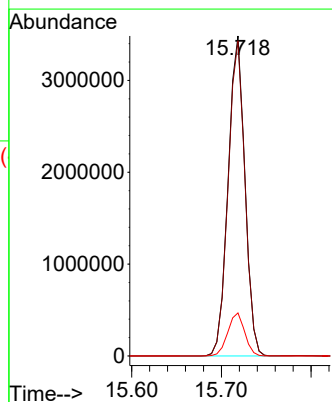
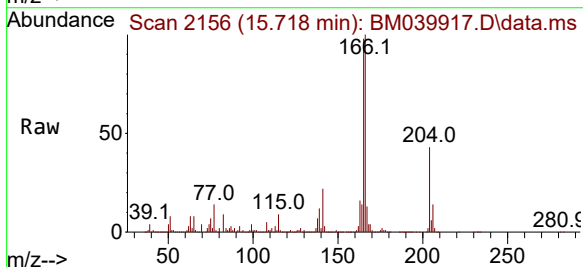
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

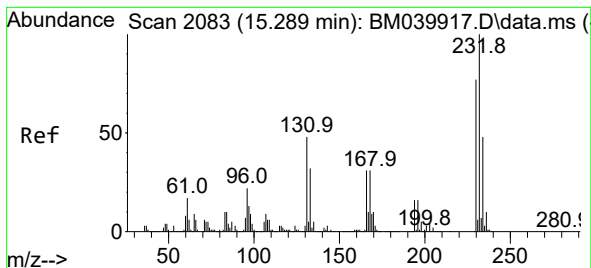
Tgt Ion:165 Resp: 1004900
Ion Ratio Lower Upper
165 100
63 44.4 35.5 53.3
89 79.7 63.8 95.6
182 2.5 2.0 3.0



#58
Fluorene
Concen: 43.417 ng
RT: 15.718 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion:166 Resp: 4528737
Ion Ratio Lower Upper
166 100
165 98.5 78.8 118.2
167 13.5 10.8 16.2

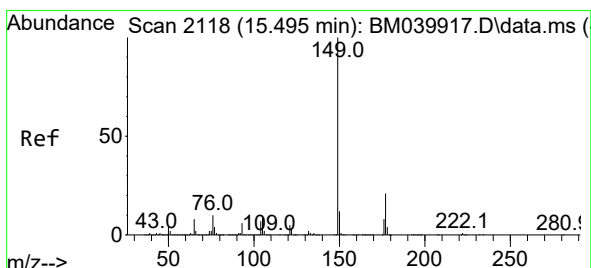
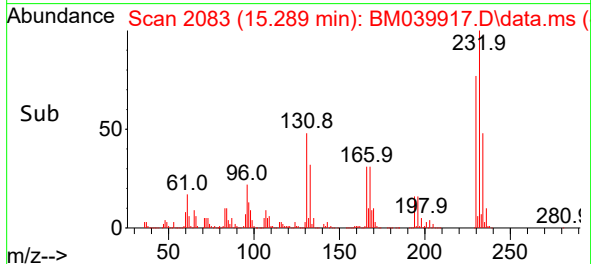
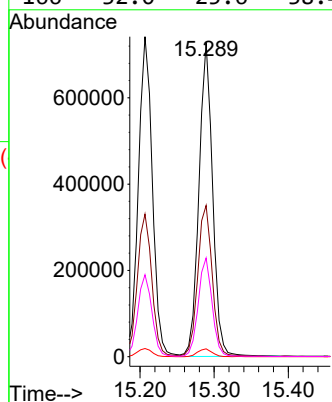
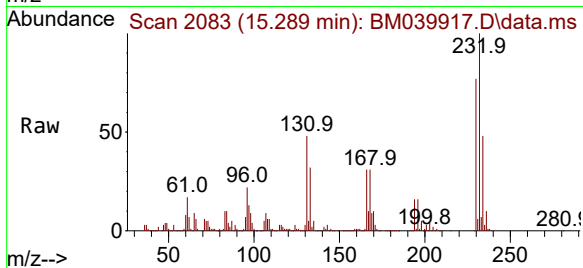




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.196 ng
RT: 15.289 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

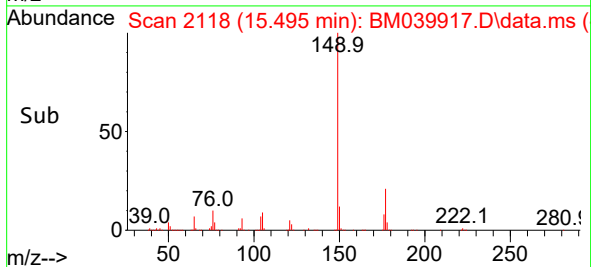
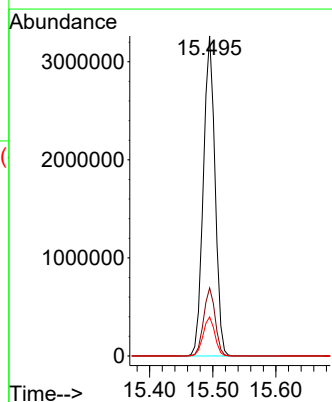
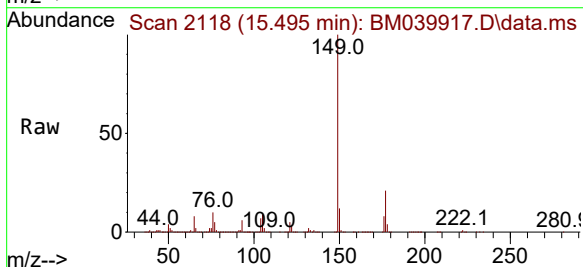
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

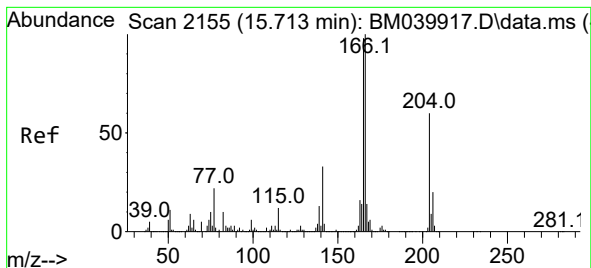
Tgt Ion:232 Resp: 930918
Ion Ratio Lower Upper
232 100
131 51.2 41.0 61.4
130 2.7 2.2 3.2
166 32.0 25.6 38.4



#60
Diethylphthalate
Concen: 42.184 ng
RT: 15.495 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion:149 Resp: 4184406
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.4
150 12.2 9.8 14.6

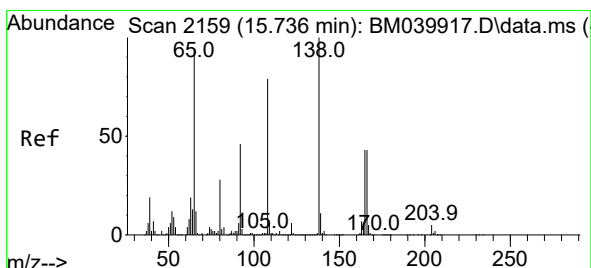
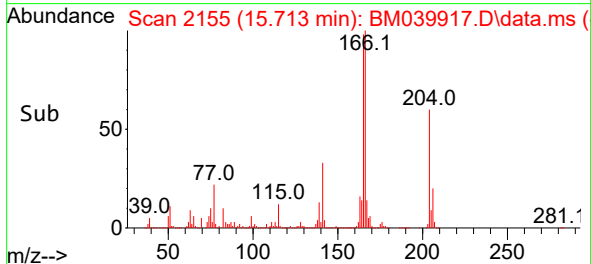
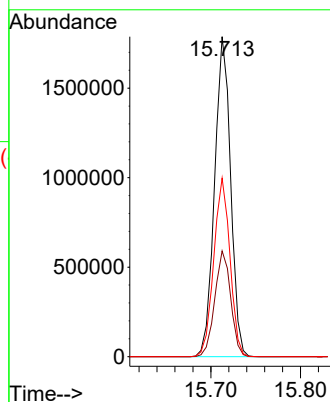
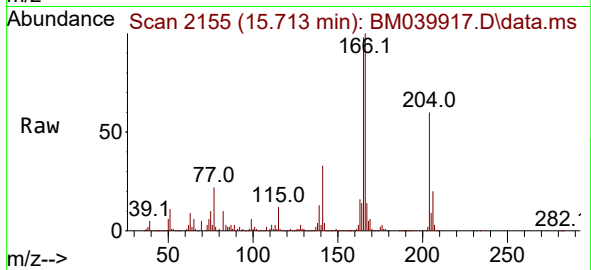




#61
4-Chlorophenyl-phenylether
Concen: 42.786 ng
RT: 15.713 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

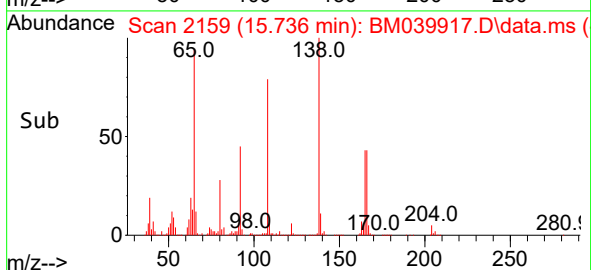
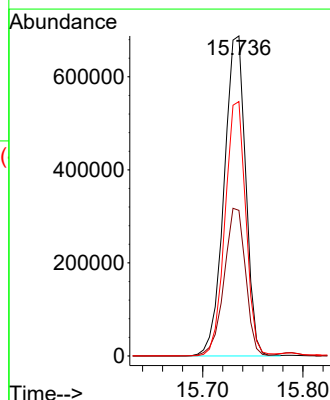
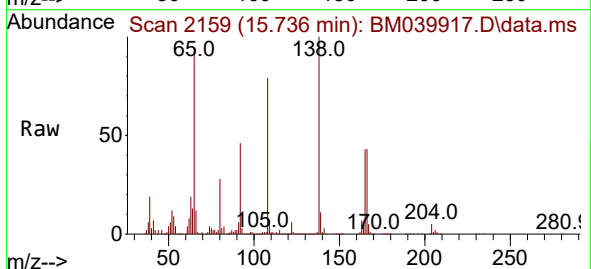
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

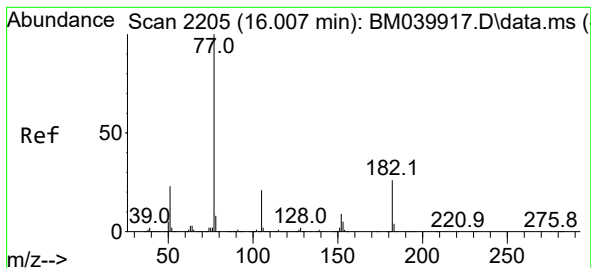
Tgt Ion:204 Resp: 2214702
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 55.8 44.6 67.0



#62
4-Nitroaniline
Concen: 41.985 ng
RT: 15.736 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion:138 Resp: 1028367
Ion Ratio Lower Upper
138 100
92 45.5 25.5 65.5
108 79.5 59.5 99.5



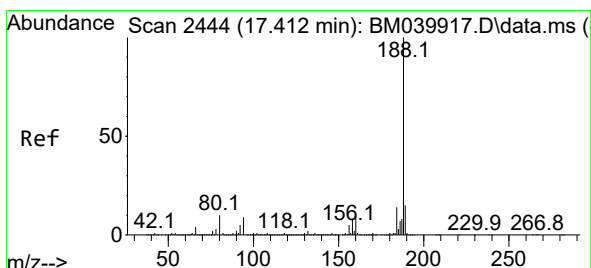
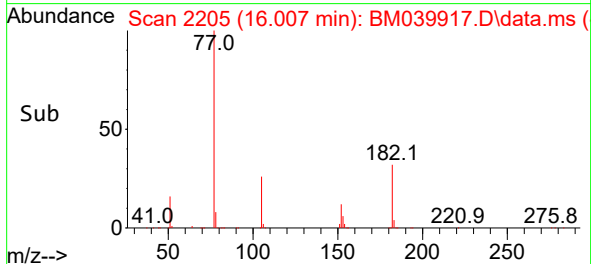
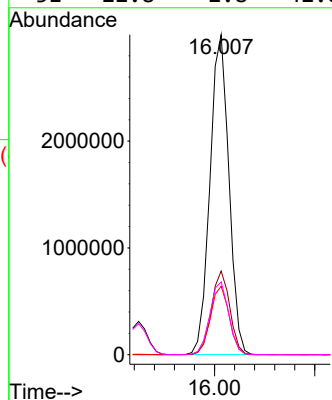
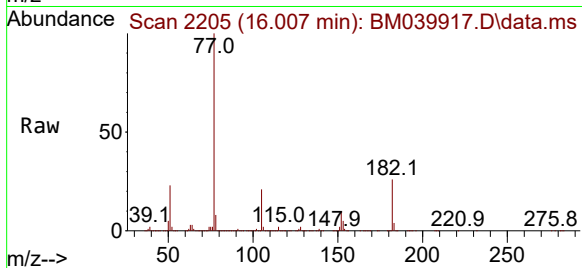


#63
Azobenzene
Concen: 41.444 ng
RT: 16.007 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 3932957

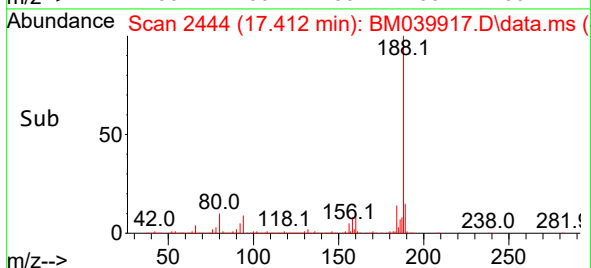
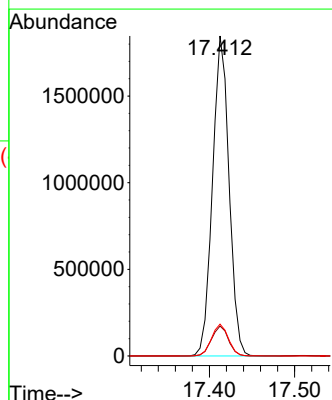
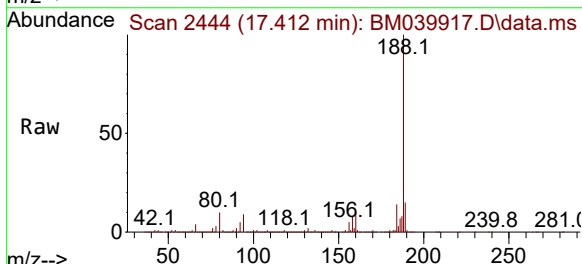
Ion	Ratio	Lower	Upper
77	100		
182	26.2	6.2	46.2
105	21.4	1.4	41.4
51	22.8	2.8	42.8

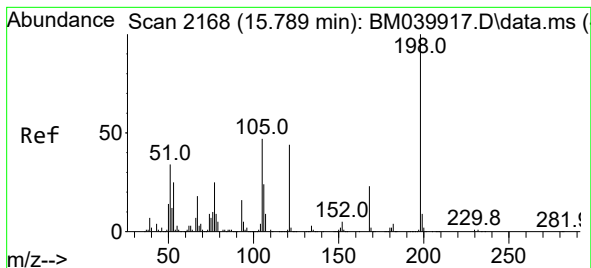


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.412 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion: 188 Resp: 2495575

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	10.0	8.0	12.0

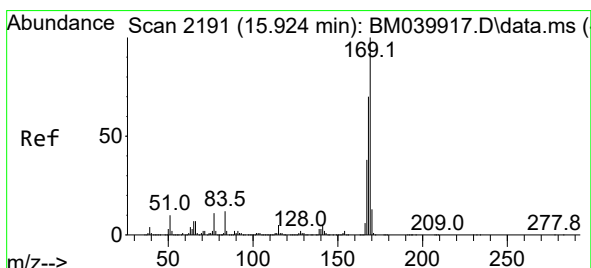
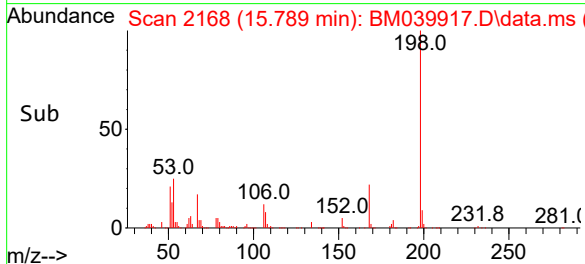
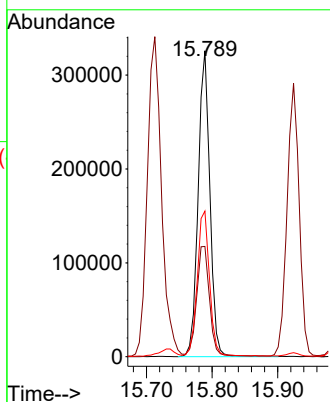
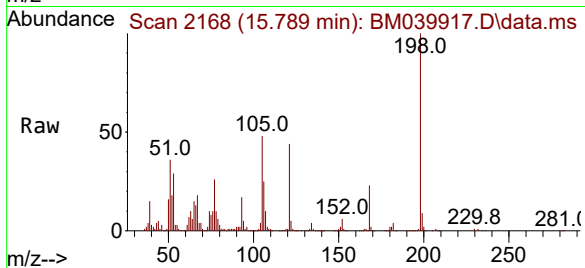




#65
4,6-Dinitro-2-methylphenol
Concen: 39.157 ng
RT: 15.789 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

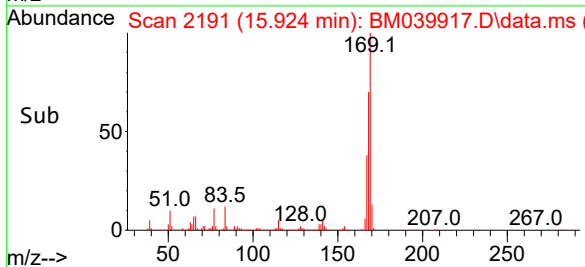
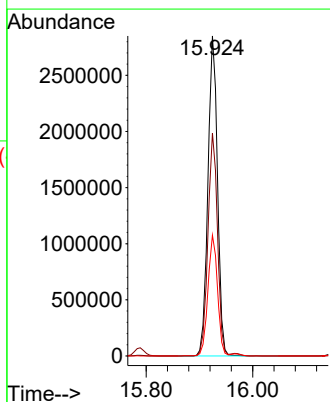
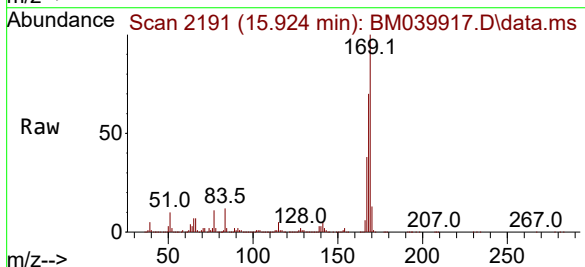
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

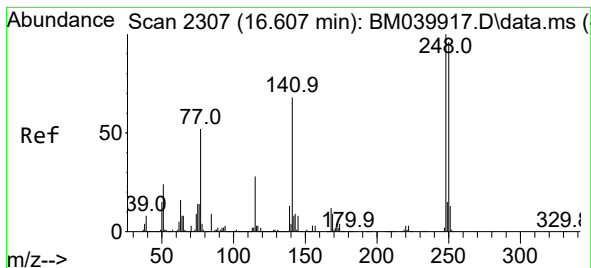
Tgt Ion:198 Resp: 406641
Ion Ratio Lower Upper
198 100
51 36.0 16.0 56.0
105 47.6 27.6 67.6



#66
n-Nitrosodiphenylamine
Concen: 41.385 ng
RT: 15.924 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion:169 Resp: 3559203
Ion Ratio Lower Upper
169 100
168 69.6 55.7 83.5
167 37.8 30.2 45.4

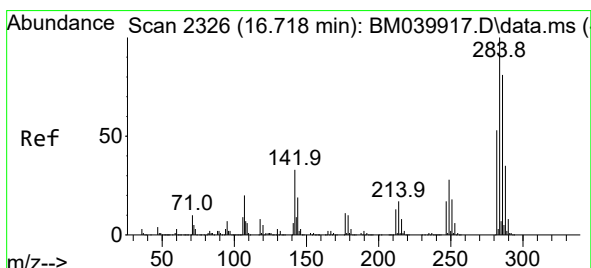
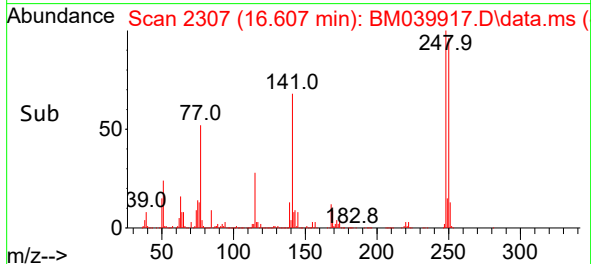
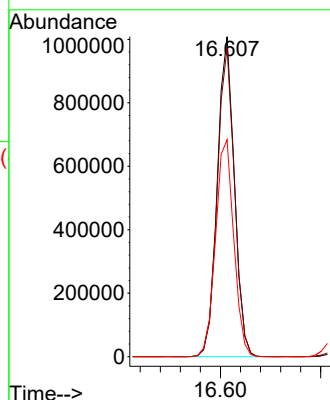
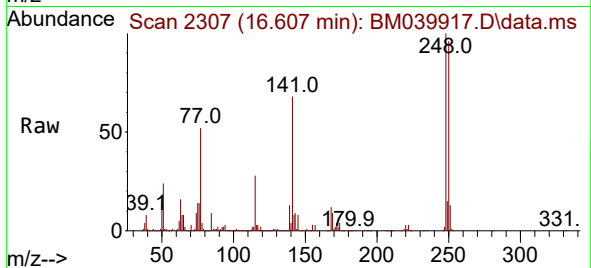




#67
4-Bromophenyl-phenylether
Concen: 41.008 ng
RT: 16.607 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

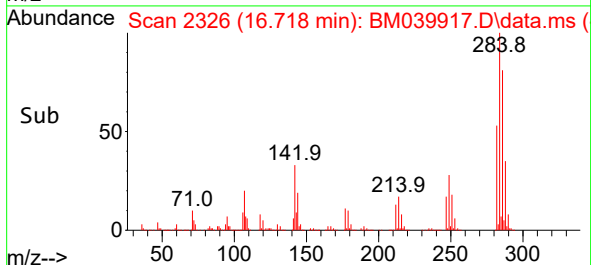
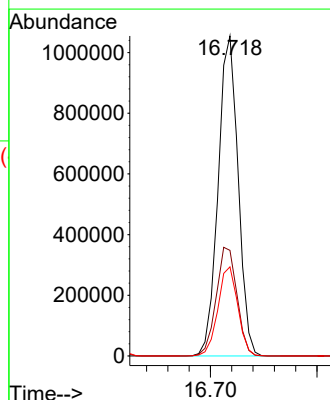
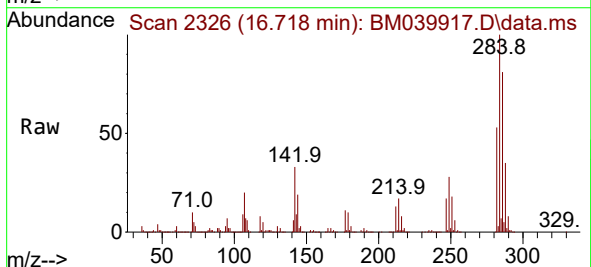
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

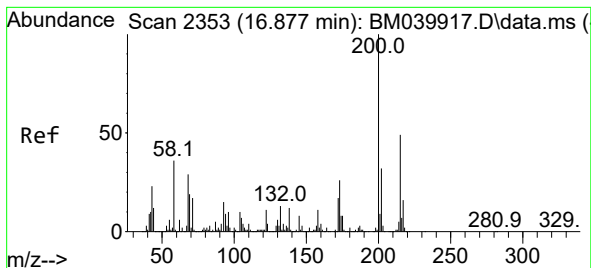
Tgt Ion:248 Resp: 1190761
Ion Ratio Lower Upper
248 100
250 96.5 77.2 115.8
141 67.8 54.2 81.4



#68
Hexachlorobenzene
Concen: 40.111 ng
RT: 16.718 min Scan# 2326
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion:284 Resp: 1371276
Ion Ratio Lower Upper
284 100
142 33.0 26.4 39.6
249 27.9 22.3 33.5





#69

Atrazine

Concen: 44.602 ng

RT: 16.877 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

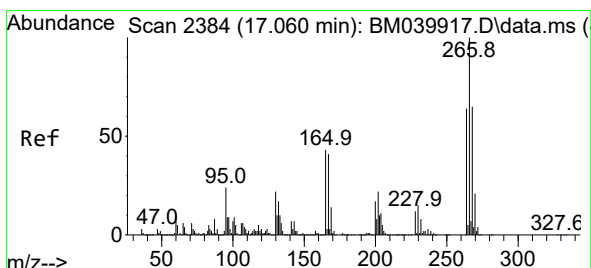
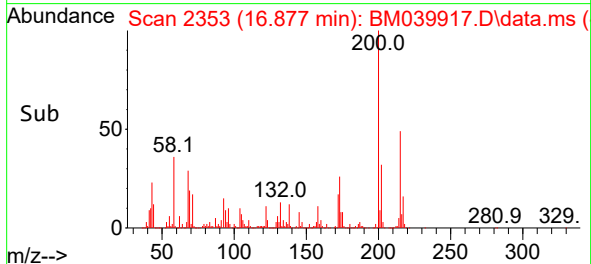
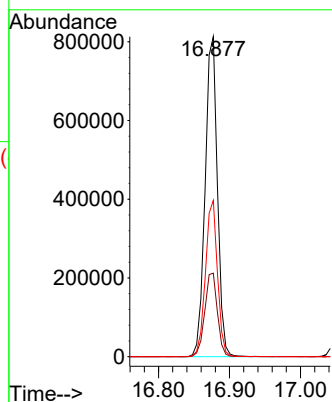
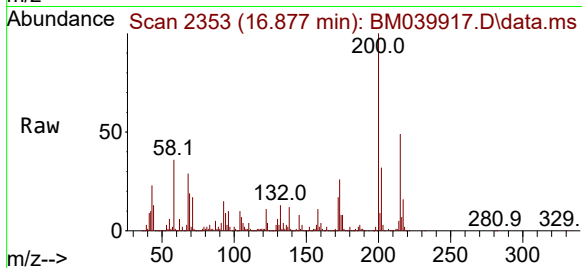
Tgt Ion:200 Resp: 980168

Ion Ratio Lower Upper

200 100

173 26.1 6.1 46.1

215 48.9 28.9 68.9



#70

Pentachlorophenol

Concen: 40.932 ng

RT: 17.060 min Scan# 2384

Delta R.T. -0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

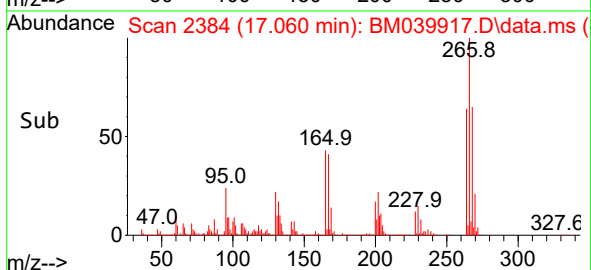
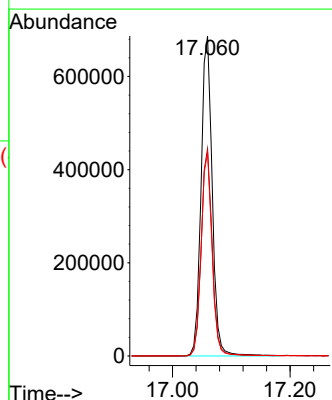
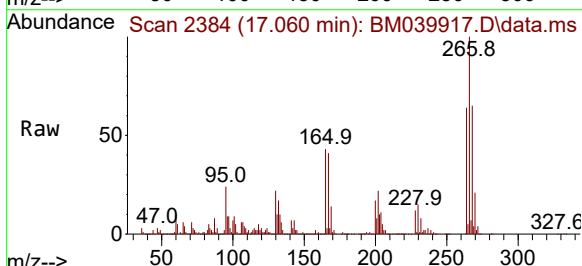
Tgt Ion:266 Resp: 904589

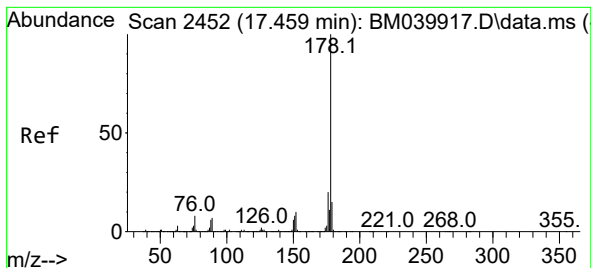
Ion Ratio Lower Upper

266 100

268 64.7 51.8 77.6

264 63.7 51.0 76.4





#71

Phenanthrene

Concen: 42.021 ng

RT: 17.459 min Scan# 2452

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

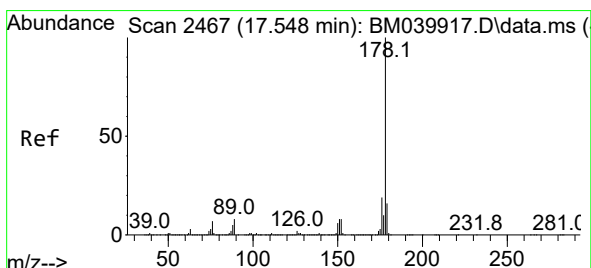
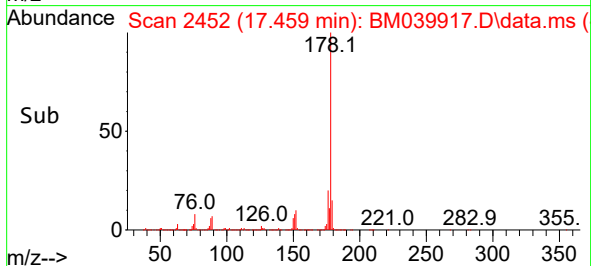
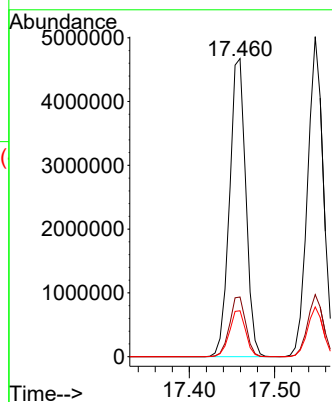
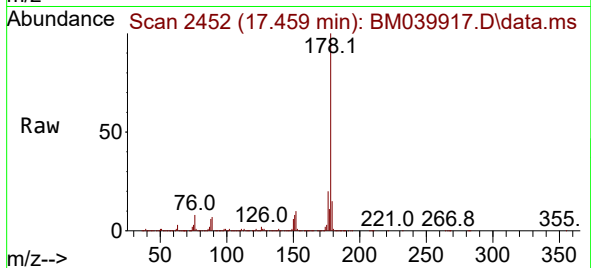
Tgt Ion:178 Resp: 6190864

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 15.4 12.3 18.5



#72

Anthracene

Concen: 43.437 ng

RT: 17.548 min Scan# 2467

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

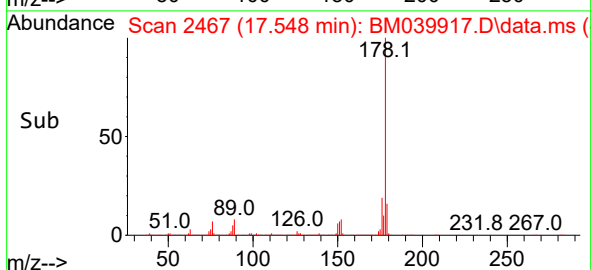
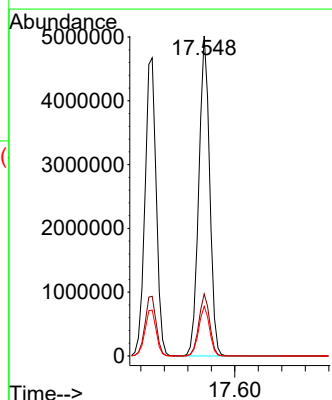
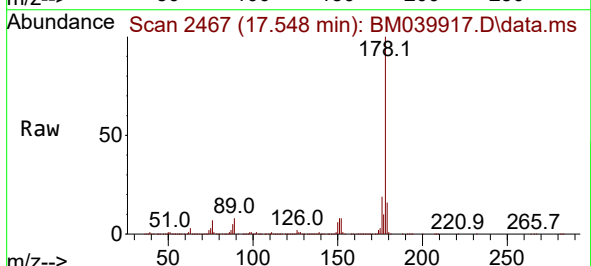
Tgt Ion:178 Resp: 6404238

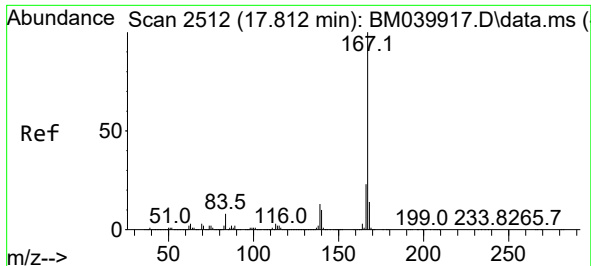
Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.5 12.4 18.6

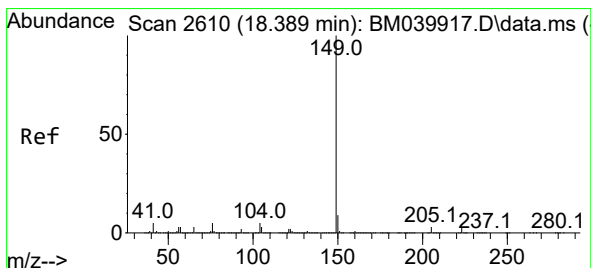
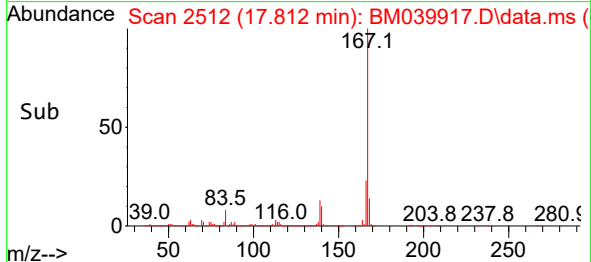
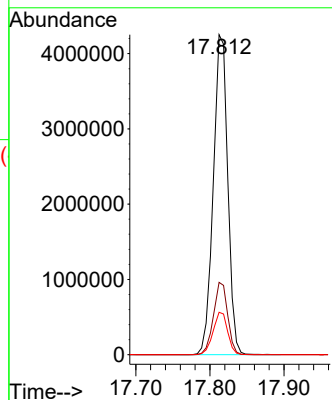
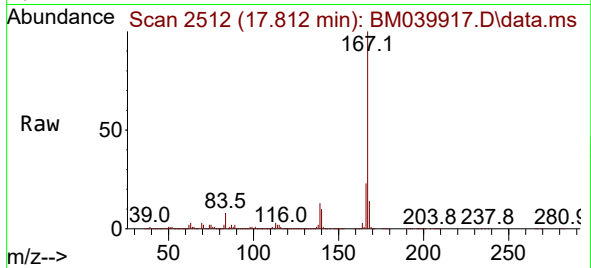




#73
 Carbazole
 Concen: 43.214 ng
 RT: 17.812 min Scan# 2512
 Delta R.T. 0.000 min
 Lab File: BM039917.D
 Acq: 12 May 2023 14:07

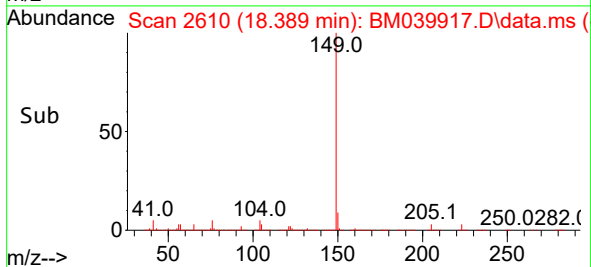
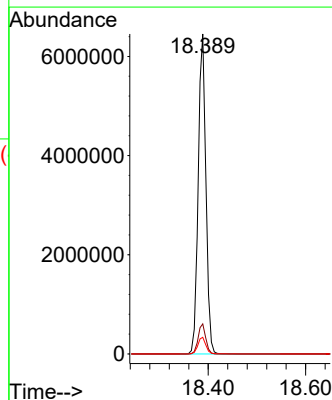
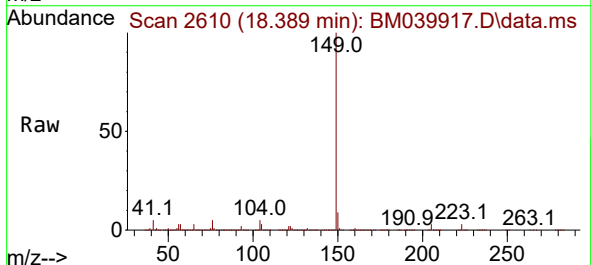
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

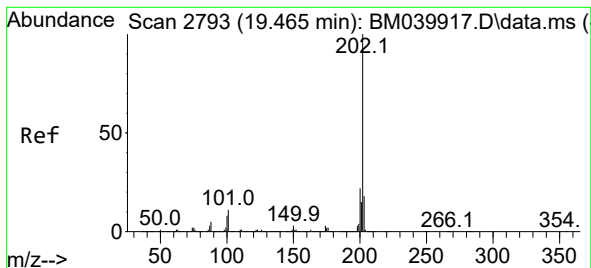
Tgt Ion:167 Resp: 5750493
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 47.430 ng
 RT: 18.389 min Scan# 2610
 Delta R.T. 0.000 min
 Lab File: BM039917.D
 Acq: 12 May 2023 14:07

Tgt Ion:149 Resp: 7114838
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 46.228 ng

RT: 19.465 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

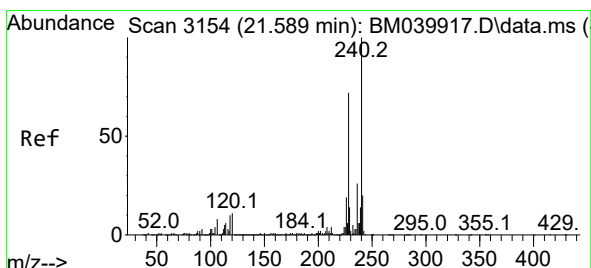
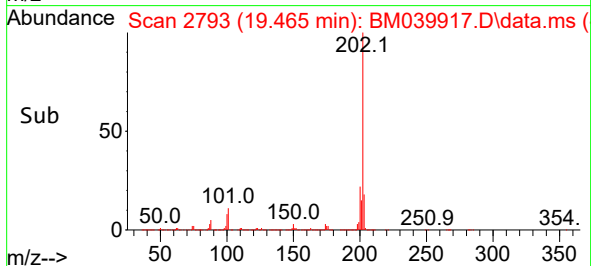
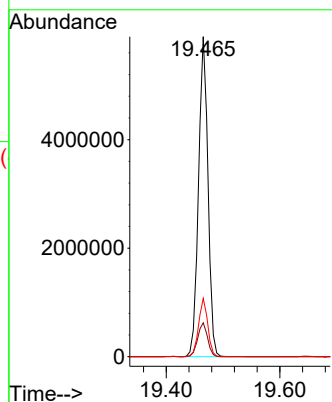
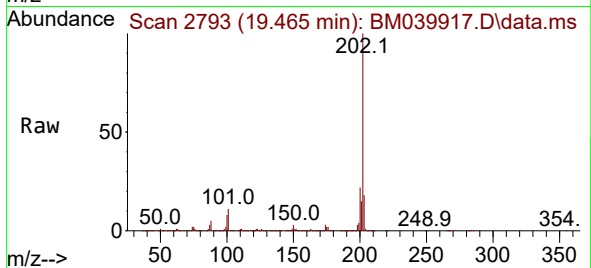
Tgt Ion:202 Resp: 6839212

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.6

203 18.2 0.0 38.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3154

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

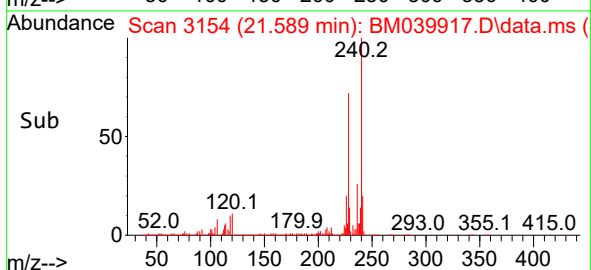
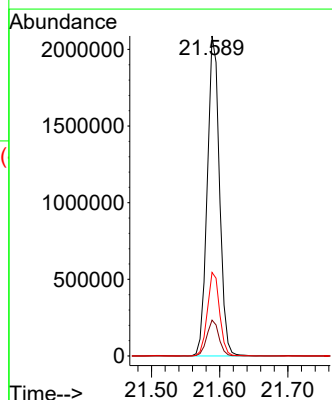
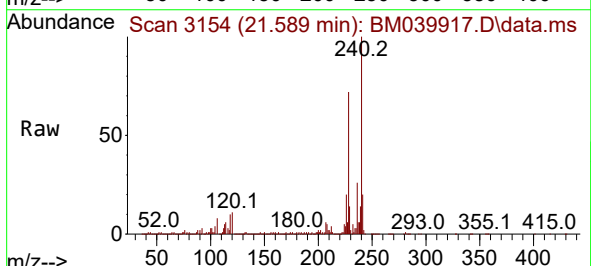
Tgt Ion:240 Resp: 2598371

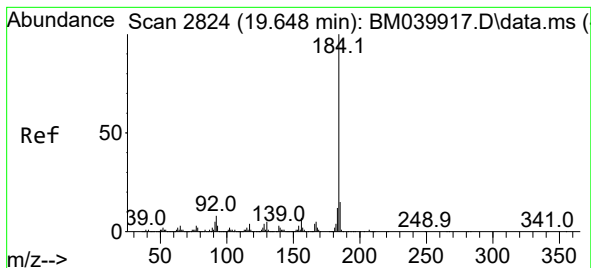
Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.4

236 26.1 20.9 31.3





#77

Benzidine

Concen: 41.898 ng

RT: 19.648 min Scan# 2824

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

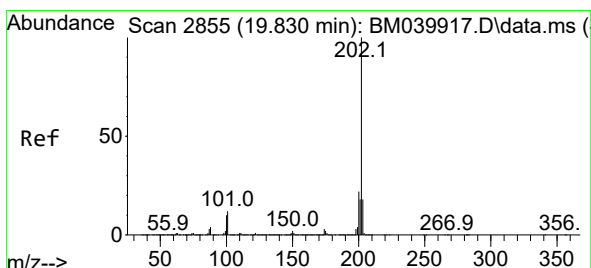
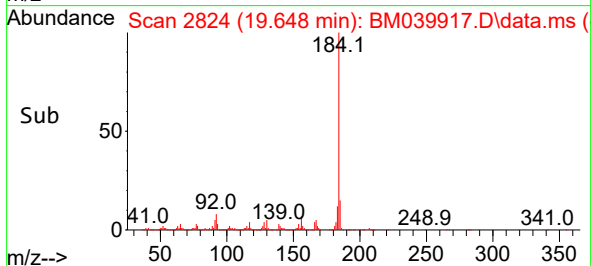
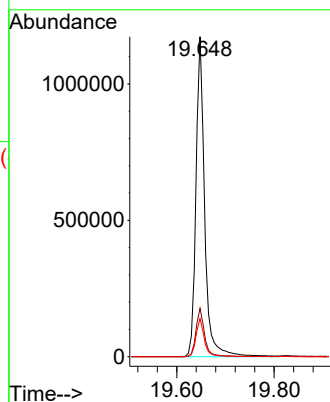
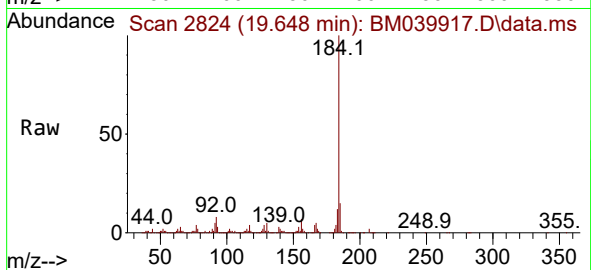
Tgt Ion:184 Resp: 1464095

Ion Ratio Lower Upper

184 100

185 15.1 12.1 18.1

183 11.9 9.5 14.3



#78

Pyrene

Concen: 39.306 ng

RT: 19.830 min Scan# 2855

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

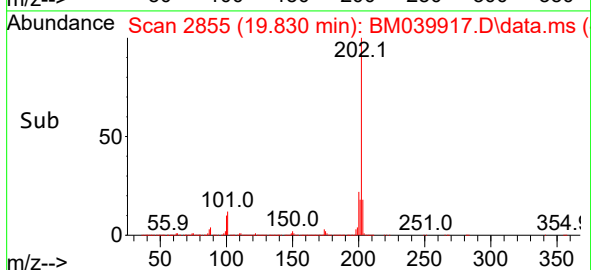
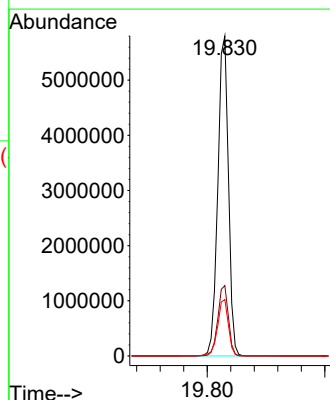
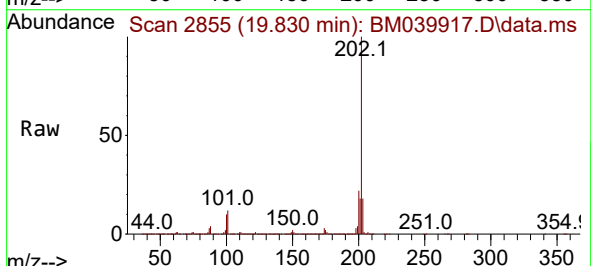
Tgt Ion:202 Resp: 7250509

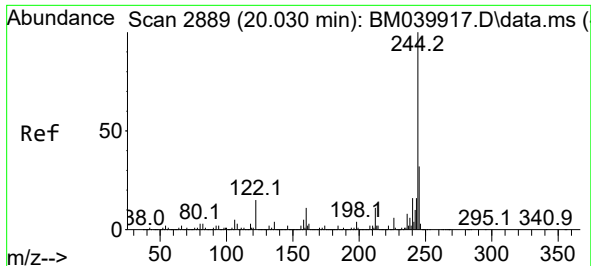
Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

203 17.7 14.2 21.2

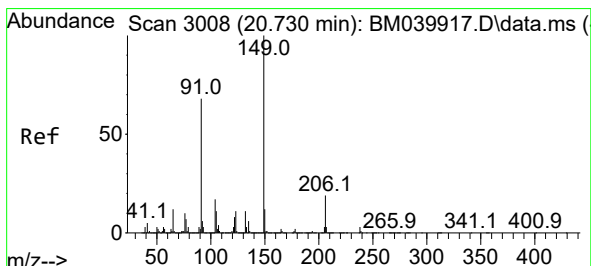
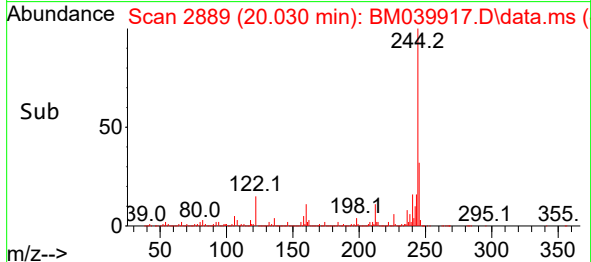
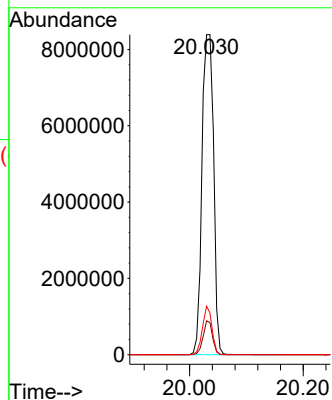
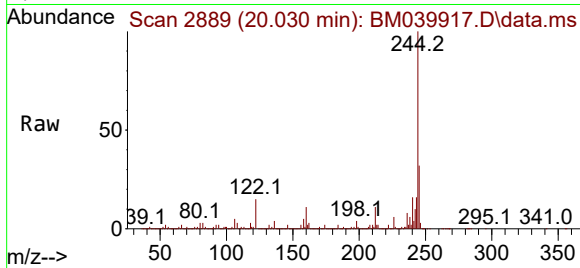




#79
 Terphenyl-d14
 Concen: 82.865 ng
 RT: 20.030 min Scan# 2889
 Delta R.T. 0.000 min
 Lab File: BM039917.D
 Acq: 12 May 2023 14:07

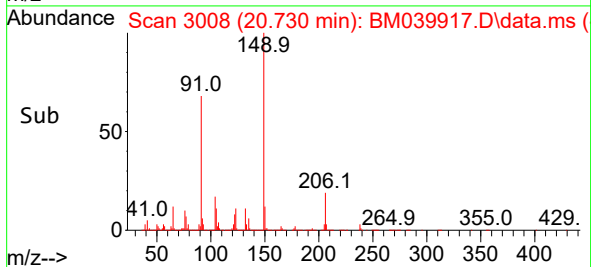
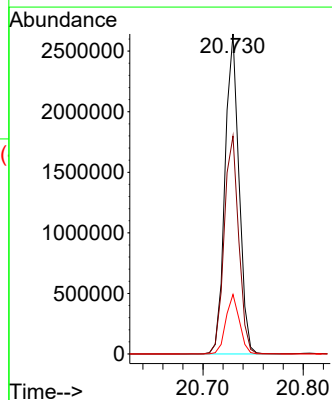
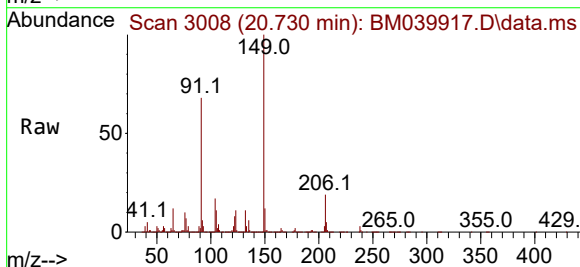
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

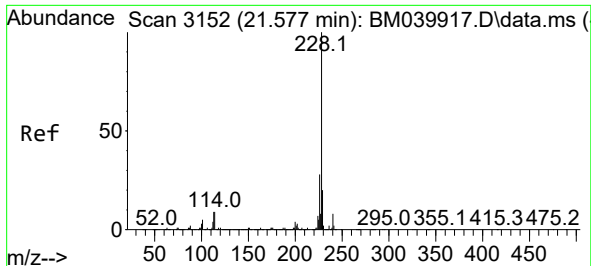
Tgt Ion:244 Resp:11896816
 Ion Ratio Lower Upper
 244 100
 212 10.6 8.5 12.7
 122 15.1 12.1 18.1



#80
 Butylbenzylphthalate
 Concen: 38.988 ng
 RT: 20.730 min Scan# 3008
 Delta R.T. -0.000 min
 Lab File: BM039917.D
 Acq: 12 May 2023 14:07

Tgt Ion:149 Resp: 2559890
 Ion Ratio Lower Upper
 149 100
 91 68.1 54.5 81.7
 206 18.6 14.9 22.3

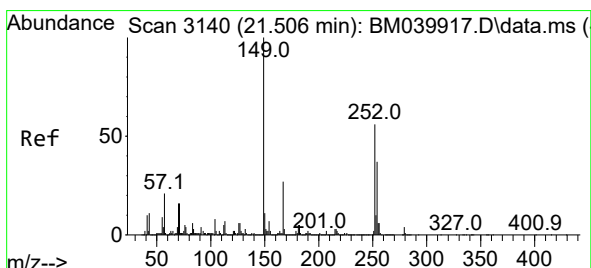
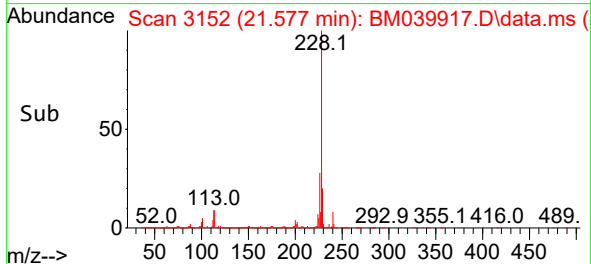
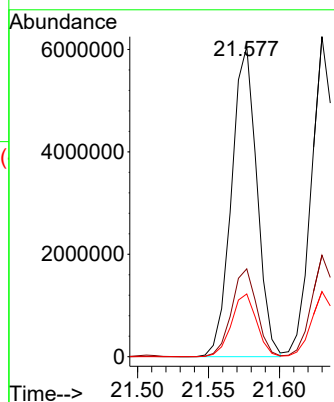
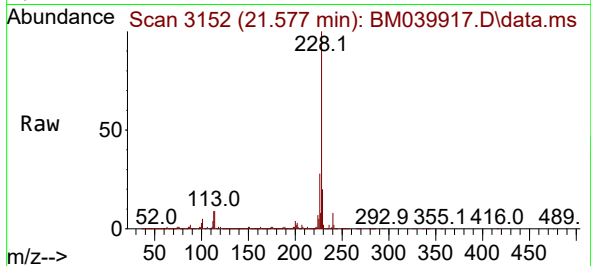




#81
Benzo(a)anthracene
Concen: 42.271 ng
RT: 21.577 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

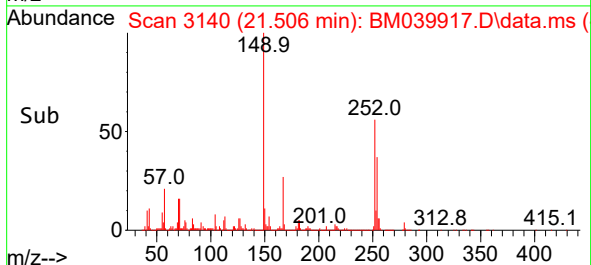
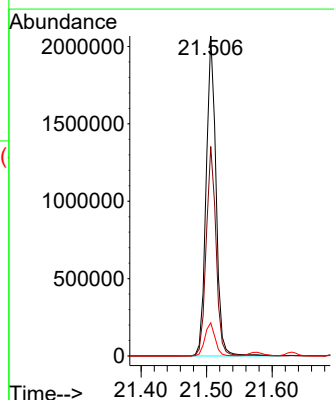
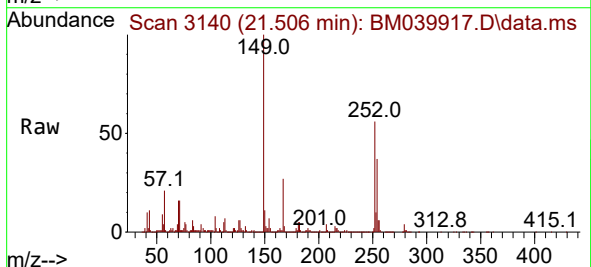
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

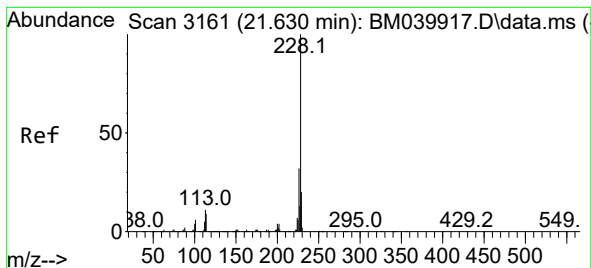
Tgt Ion:228 Resp: 7545394
Ion Ratio Lower Upper
228 100
226 28.3 22.6 34.0
229 20.2 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 39.237 ng
RT: 21.506 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM039917.D
Acq: 12 May 2023 14:07

Tgt Ion:252 Resp: 2167900
Ion Ratio Lower Upper
252 100
254 65.4 52.3 78.5
126 10.4 8.3 12.5





#83

Chrysene

Concen: 42.100 ng

RT: 21.630 min Scan# 3161

Delta R.T. -0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

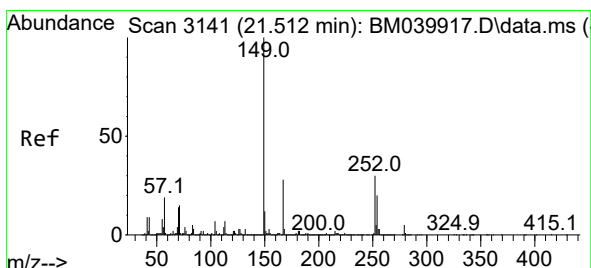
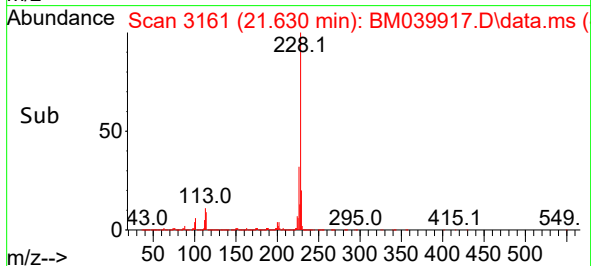
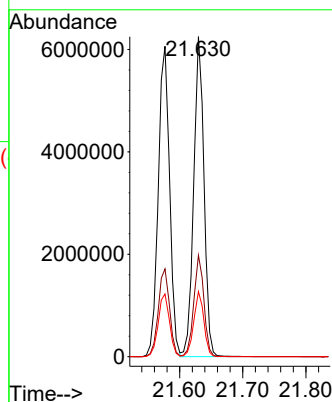
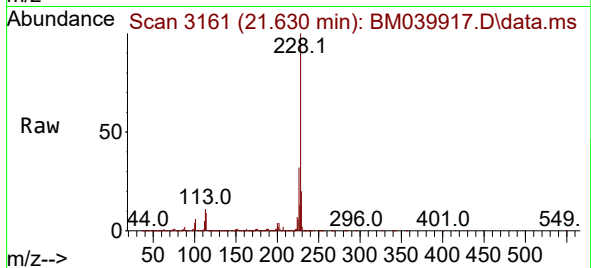
Tgt Ion:228 Resp: 7079015

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

229 20.3 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.566 ng

RT: 21.512 min Scan# 3141

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

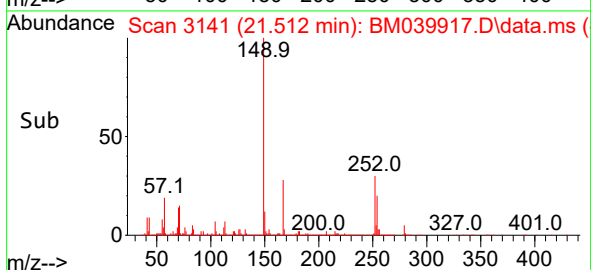
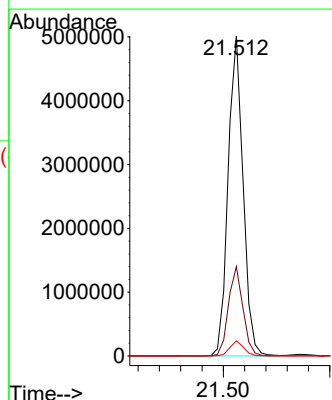
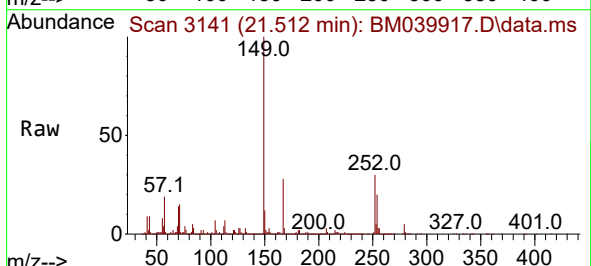
Tgt Ion:149 Resp: 4886042

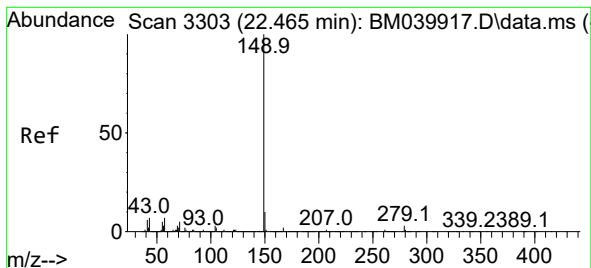
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 38.809 ng

RT: 22.465 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

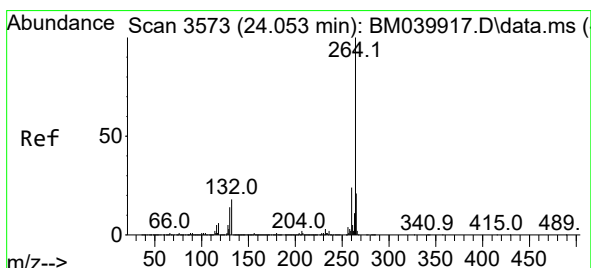
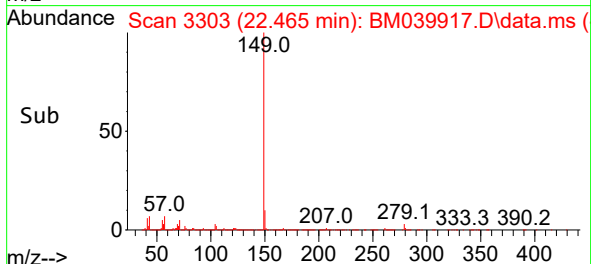
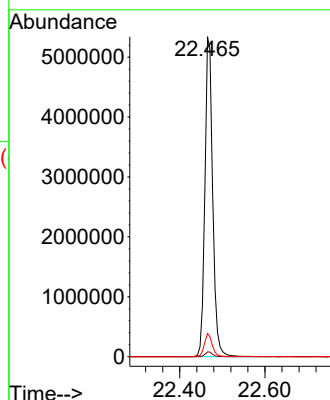
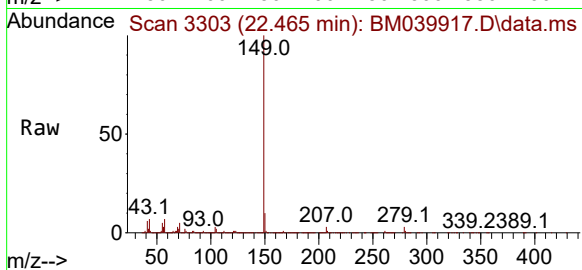
Tgt Ion:149 Resp: 6761490

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 7.4 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.053 min Scan# 3573

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

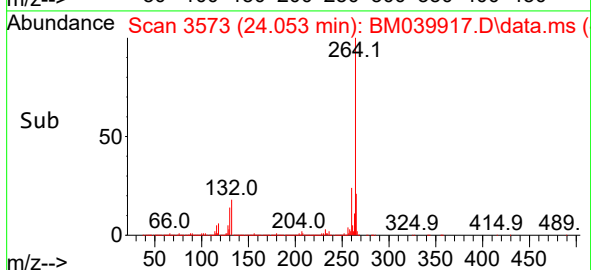
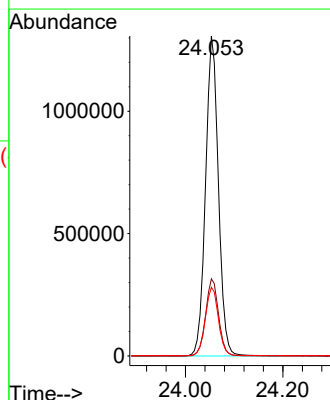
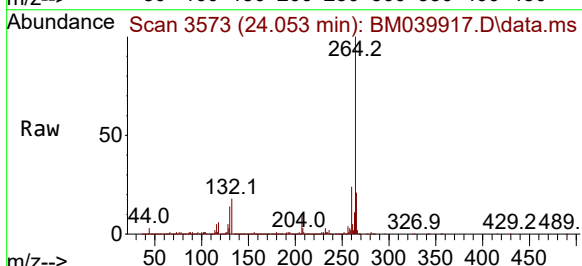
Tgt Ion:264 Resp: 2392564

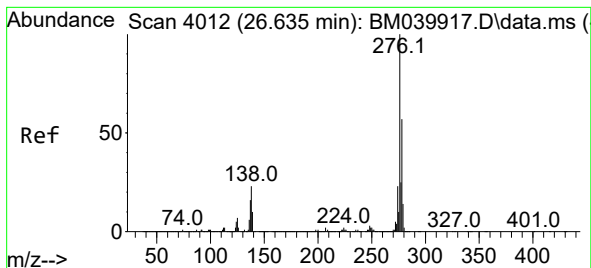
Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 21.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.022 ng

RT: 26.635 min Scan# 4012

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

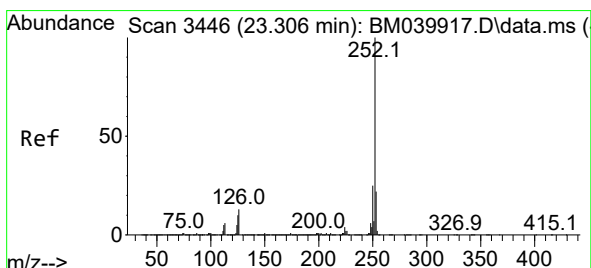
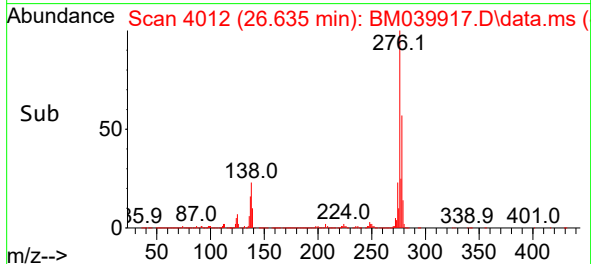
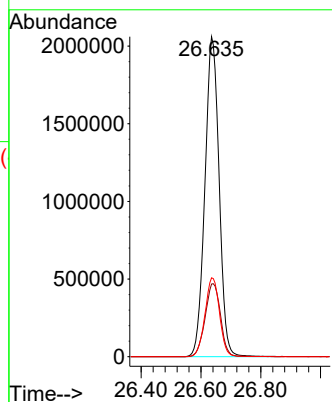
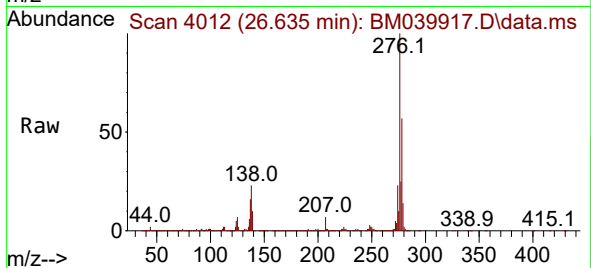
Tgt Ion:276 Resp: 6777732

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.8

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 41.011 ng

RT: 23.306 min Scan# 3446

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

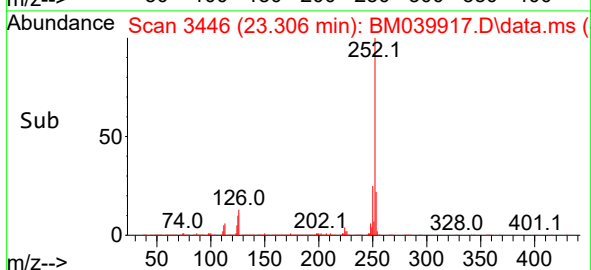
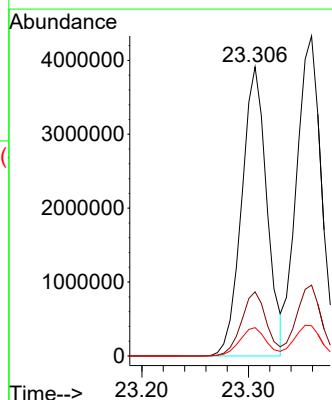
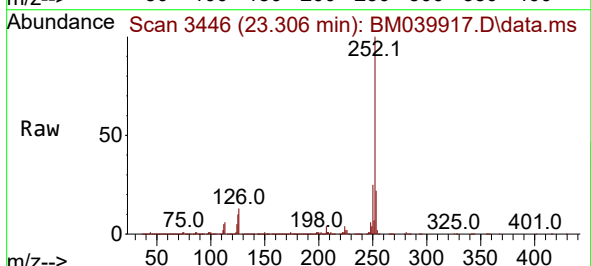
Tgt Ion:252 Resp: 6407132

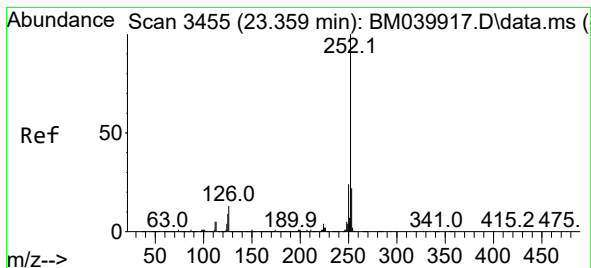
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 9.8 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 41.455 ng

RT: 23.359 min Scan# 3455

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

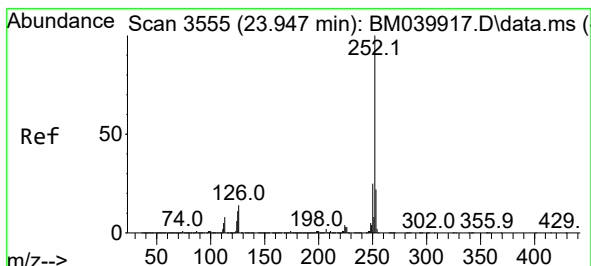
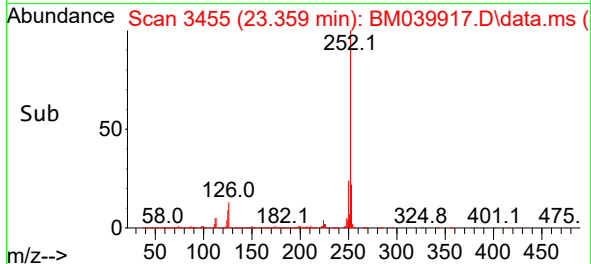
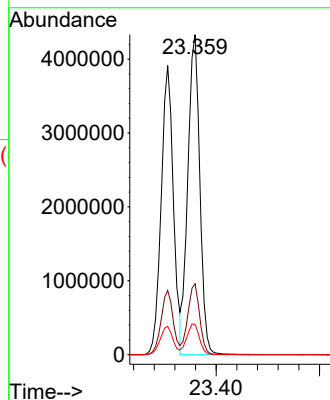
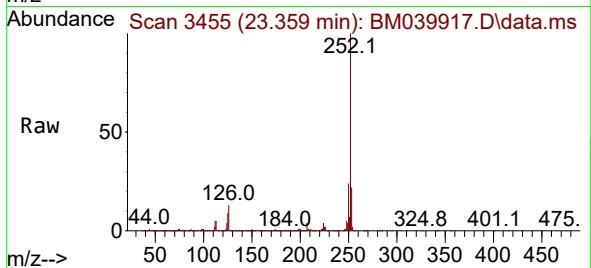
Tgt Ion:252 Resp: 6987061

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.4 7.5 11.3



#90

Benzo(a)pyrene

Concen: 41.525 ng

RT: 23.947 min Scan# 3555

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

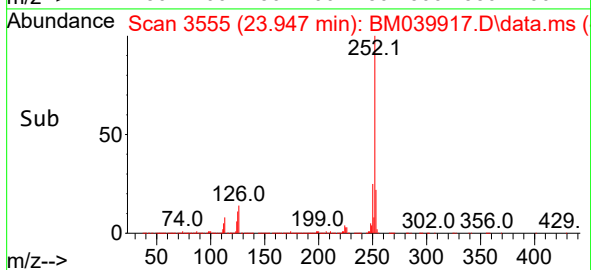
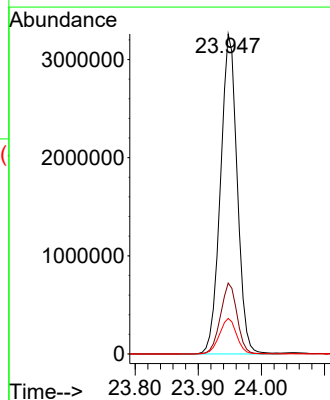
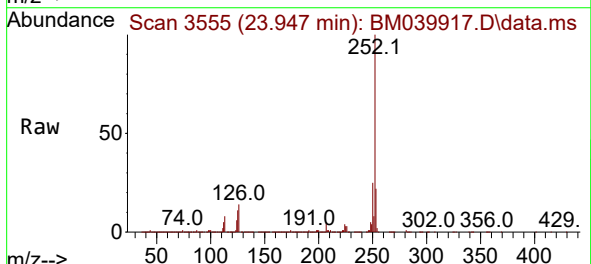
Tgt Ion:252 Resp: 5996269

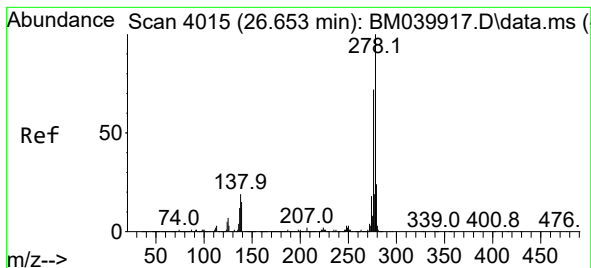
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.1 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 40.366 ng

RT: 26.653 min Scan# 4015

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

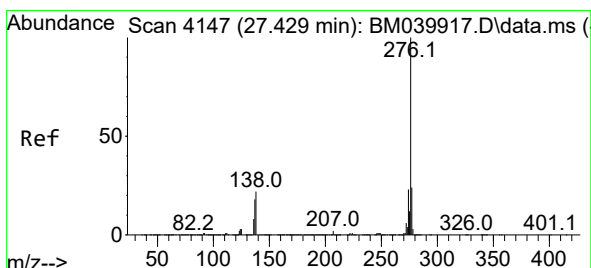
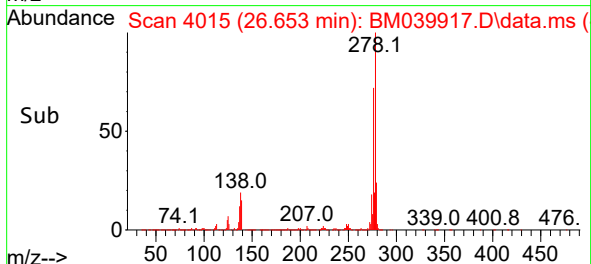
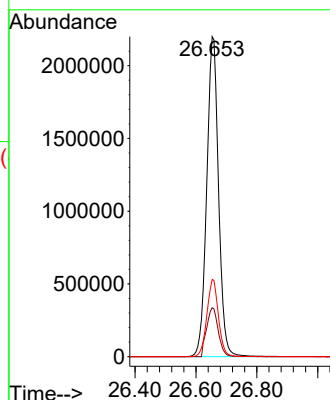
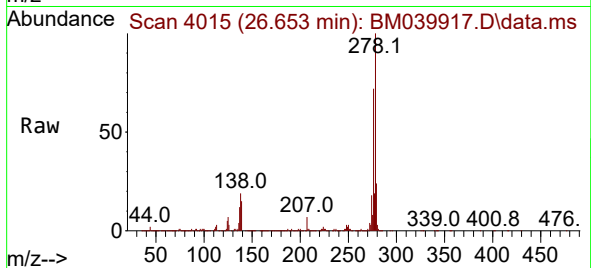
Tgt Ion:278 Resp: 5929582

Ion Ratio Lower Upper

278 100

139 15.3 12.2 18.4

279 24.1 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 38.070 ng

RT: 27.429 min Scan# 4147

Delta R.T. 0.000 min

Lab File: BM039917.D

Acq: 12 May 2023 14:07

Tgt Ion:276 Resp: 4816279

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 21.8 17.4 26.2

