

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
 Data File : BM038786.D
 Acq On : 20 Feb 2023 14:27
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 21 02:07:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 02:04:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	59223	20.000	ng	0.00
21) Naphthalene-d8	10.692	136	211149	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	131319	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	263021	20.000	ng	# 0.00
76) Chrysene-d12	21.468	240	257944	20.000	ng	0.00
86) Perylene-d12	23.850	264	304459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	271209	89.707	ng	0.00
7) Phenol-d6	7.057	99	327263	94.911	ng	0.00
23) Nitrobenzene-d5	9.057	82	311148	83.701	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	159824	89.542	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	871904	84.529	ng	0.00
79) Terphenyl-d14	19.909	244	1422914	97.346	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	49597	37.212	ng	94
3) Pyridine	3.693	79	136960	43.214	ng	92
4) n-Nitrosodimethylamine	3.604	42	51120	35.729	ng	# 75
6) Aniline	7.210	93	203995	47.428	ng	93
8) 2-Chlorophenol	7.445	128	153304	46.471	ng	95
9) Benzaldehyde	7.022	77	67033	44.107	ng	92
10) Phenol	7.086	94	162759	46.723	ng	89
11) bis(2-Chloroethyl)ether	7.310	93	128713	45.626	ng	98
12) 1,3-Dichlorobenzene	7.763	146	178094	42.253	ng	97
13) 1,4-Dichlorobenzene	7.916	146	177725	41.780	ng	97
14) 1,2-Dichlorobenzene	8.233	146	171961	42.197	ng	97
15) Benzyl Alcohol	8.133	79	110721	43.627	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.404	45	102883	38.502	ng	95
17) 2-Methylphenol	8.339	107	126191	47.228	ng	97
18) Hexachloroethane	8.957	117	61341	44.652	ng	95
19) n-Nitroso-di-n-propyla...	8.698	70	95581	45.987	ng	93
20) 3+4-Methylphenols	8.675	107	170353	47.819	ng	96
22) Acetophenone	8.716	105	213517	42.403	ng	# 97
24) Nitrobenzene	9.104	77	150504	39.888	ng	90
25) Isophorone	9.627	82	274922	42.217	ng	100
26) 2-Nitrophenol	9.810	139	92367	43.993	ng	96
27) 2,4-Dimethylphenol	9.875	122	132840	43.852	ng	97
28) bis(2-Chloroethoxy)met...	10.110	93	164776	41.404	ng	99
29) 2,4-Dichlorophenol	10.351	162	159509	37.063	ng	99
30) 1,2,4-Trichlorobenzene	10.557	180	158093	34.533	ng	96
31) Naphthalene	10.745	128	465016	42.917	ng	99
32) Benzoic acid	10.051	122	109362	44.598	ng	90
33) 4-Chloroaniline	10.869	127	208187	43.842	ng	96
34) Hexachlorobutadiene	11.010	225	90323	39.385	ng	96
35) Caprolactam	11.686	113	41404	44.671	ng	88
36) 4-Chloro-3-methylphenol	12.004	107	133510	41.953	ng	98
37) 2-Methylnaphthalene	12.357	142	348354	39.784	ng	96
38) 1-Methylnaphthalene	12.574	142	332018	40.241	ng	98
40) 1,2,4,5-Tetrachloroben...	12.727	216	148711	43.513	ng	99
41) Hexachlorocyclopentadiene	12.692	237	81457	38.410	ng	97
43) 2,4,6-Trichlorophenol	12.974	196	114029	42.470	ng	98

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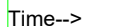
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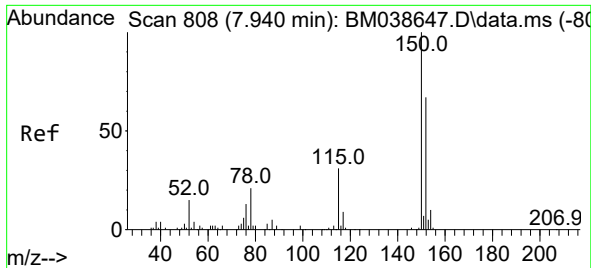
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	129816	41.087	ng	# 93
46) 1,1'-Biphenyl	13.368	154	457611	43.991	ng	99
47) 2-Chloronaphthalene	13.415	162	346481	42.329	ng	96
48) 2-Nitroaniline	13.633	65	80148	43.595	ng	93
49) Acenaphthylene	14.262	152	574012	44.522	ng	99
50) Dimethylphthalate	14.004	163	469028	43.768	ng	99
51) 2,6-Dinitrotoluene	14.133	165	98027	45.007	ng	96
52) Acenaphthene	14.604	154	333700	43.348	ng	99
53) 3-Nitroaniline	14.462	138	107183	47.052	ng	99
54) 2,4-Dinitrophenol	14.680	184	56755	40.033	ng	# 86
55) Dibenzofuran	14.939	168	550095	41.496	ng	96
56) 4-Nitrophenol	14.786	139	81643	46.737	ng	93
57) 2,4-Dinitrotoluene	14.921	165	137948	43.095	ng	96
58) Fluorene	15.586	166	444323	42.360	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.168	232	97515	44.345	ng	96
60) Diethylphthalate	15.357	149	477607	47.045	ng	96
61) 4-Chlorophenyl-phenyle...	15.580	204	202127	45.423	ng	98
62) 4-Nitroaniline	15.627	138	104618	44.834	ng	99
63) Azobenzene	15.874	77	356327	45.620	ng	95
65) 4,6-Dinitro-2-methylph...	15.686	198	73684	44.501	ng	95
66) n-Nitrosodiphenylamine	15.798	169	372147	43.333	ng	99
67) 4-Bromophenyl-phenylether	16.474	248	118038	46.478	ng	95
68) Hexachlorobenzene	16.586	284	137738	44.378	ng	93
69) Atrazine	16.756	200	116761	46.908	ng	95
70) Pentachlorophenol	16.939	266	94260	41.661	ng	99
71) Phenanthrene	17.327	178	660129	42.269	ng	99
72) Anthracene	17.421	178	678131	42.445	ng	99
73) Carbazole	17.698	167	638844	42.874	ng	97
74) Di-n-butylphthalate	18.250	149	844458	50.162	ng	99
75) Fluoranthene	19.345	202	737965	45.005	ng	100
77) Benzidine	19.539	184	203805	27.706	ng	98
78) Pyrene	19.709	202	779368	39.245	ng	100
80) Butylbenzylphthalate	20.603	149	402023	40.961	ng	98
81) Benzo(a)anthracene	21.456	228	812467	44.528	ng	99
82) 3,3'-Dichlorobenzidine	21.391	252	286452	45.633	ng	99
83) Chrysene	21.509	228	767302	43.646	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	619750	43.233	ng	98
85) Di-n-octyl phthalate	22.285	149	1059162	45.310	ng	99
87) Indeno(1,2,3-cd)pyrene	26.332	276	1135417	47.346	ng	98
88) Benzo(b)fluoranthene	23.127	252	842602	46.206	ng	98
89) Benzo(k)fluoranthene	23.174	252	831575	44.906	ng	99
90) Benzo(a)pyrene	23.744	252	812504	45.055	ng	98
91) Dibenzo(a,h)anthracene	26.344	278	965962	47.877	ng	99
92) Benzo(g,h,i)perylene	27.097	276	861356	42.234	ng	98

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

SSTDCCC040

Response via : Initial Calibration

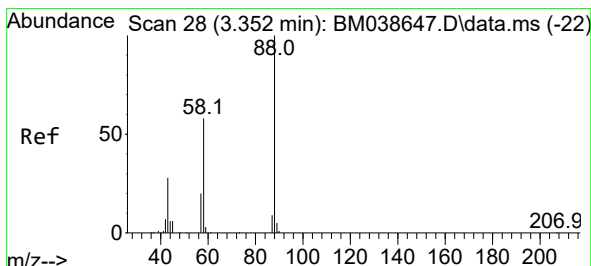
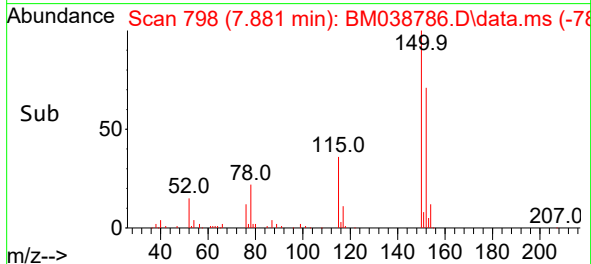
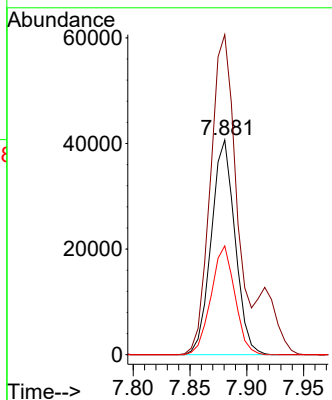
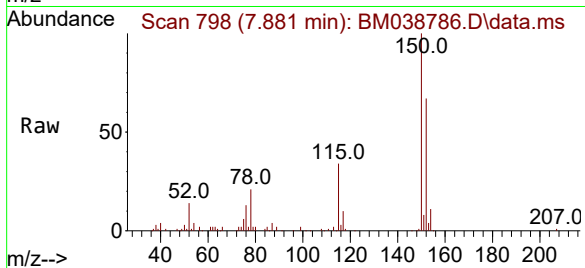




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM038786.D
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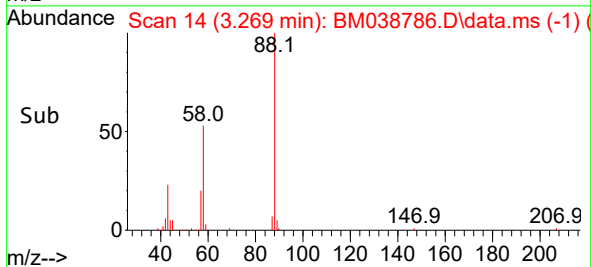
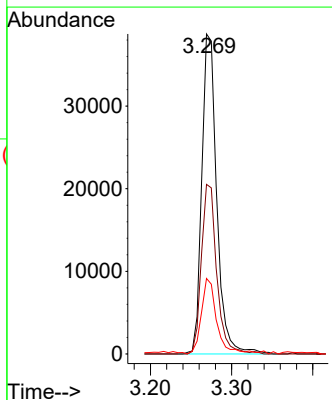
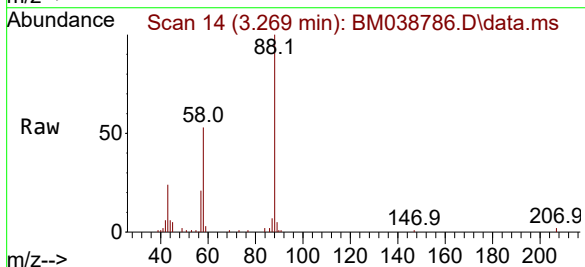
Instrument :
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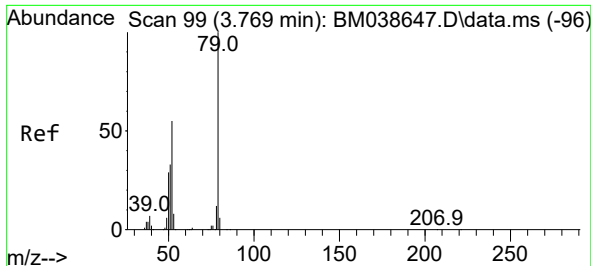
Tgt Ion:152 Resp: 59223
Ion Ratio Lower Upper
152 100
150 149.0 119.5 179.3
115 50.7 37.6 56.4



#2
1,4-Dioxane
Concen: 37.212 ng
RT: 3.269 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion: 88 Resp: 49597
Ion Ratio Lower Upper
88 100
58 54.4 47.0 70.4
43 24.2 22.6 33.8

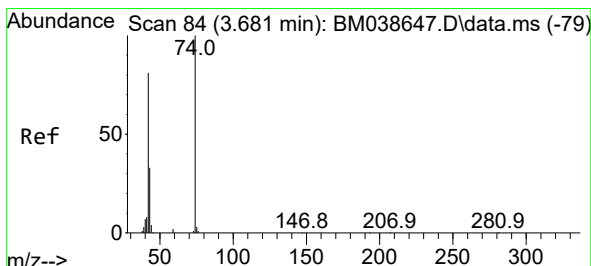
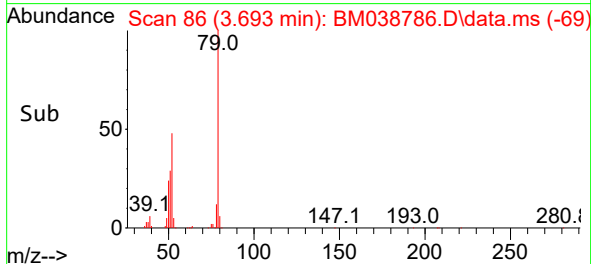
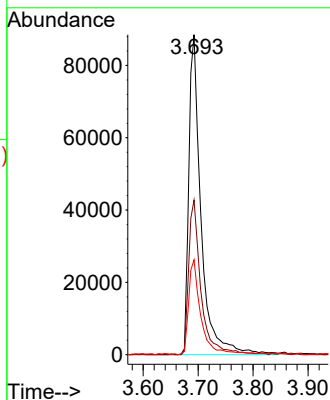
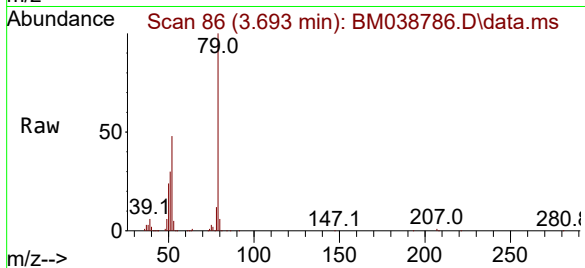




#3
 Pyridine
 Concen: 43.214 ng
 RT: 3.693 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BM038786.D
 Acq: 20 Feb 2023 14:27

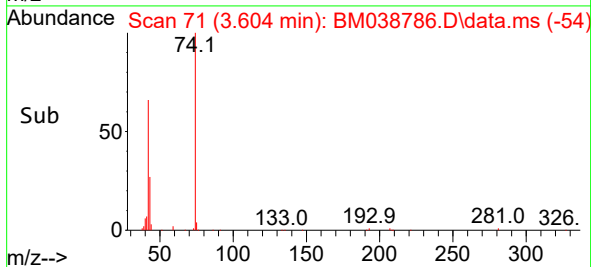
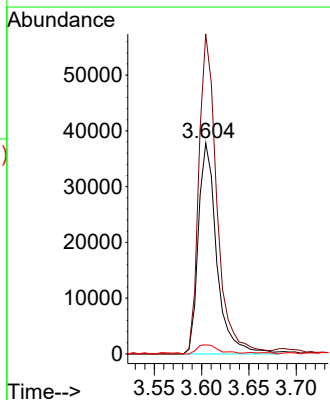
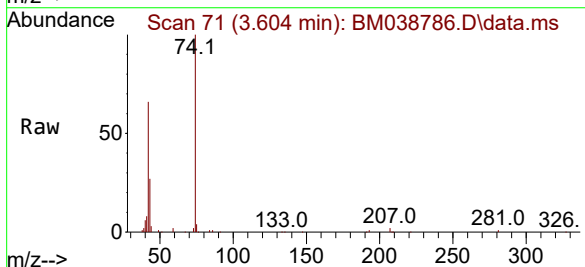
Instrument :
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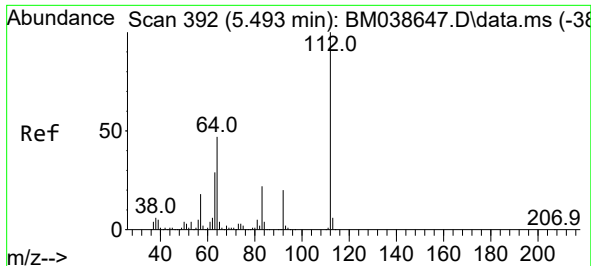
Tgt Ion: 79 Resp: 136960
 Ion Ratio Lower Upper
 79 100
 52 48.3 43.7 65.5
 51 29.6 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 35.729 ng
 RT: 3.604 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM038786.D
 Acq: 20 Feb 2023 14:27

Tgt Ion: 42 Resp: 51120
 Ion Ratio Lower Upper
 42 100
 74 151.7 98.4 147.6#
 44 4.3 3.5 5.3

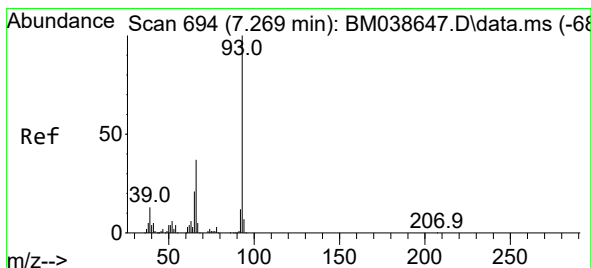
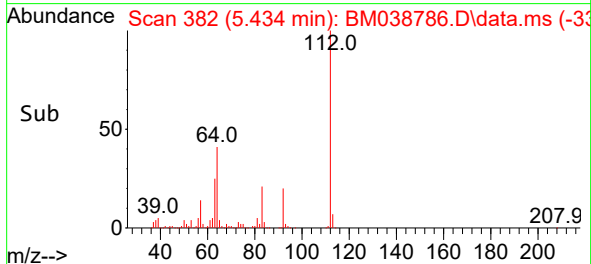
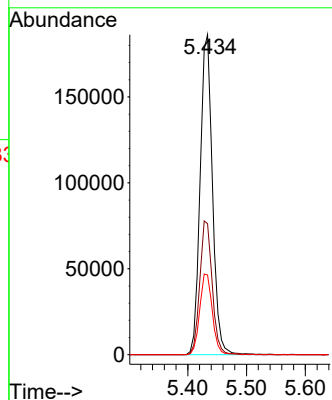
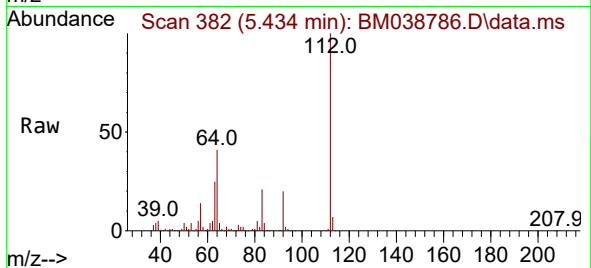




#5
2-Fluorophenol
Concen: 89.707 ng
RT: 5.434 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

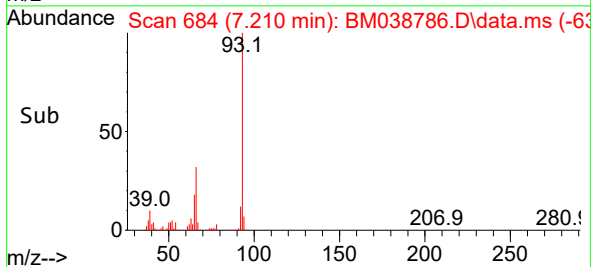
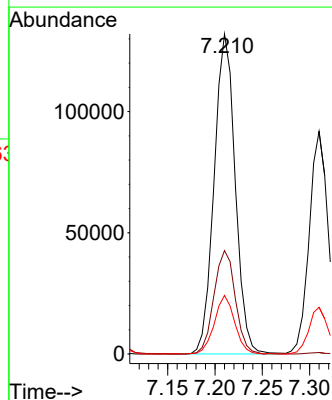
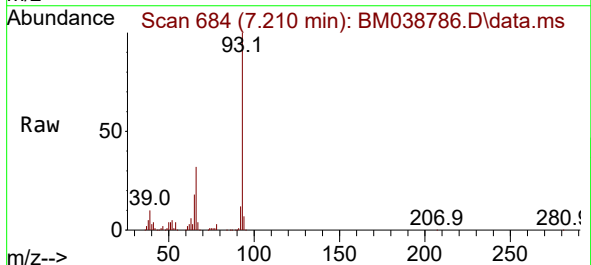
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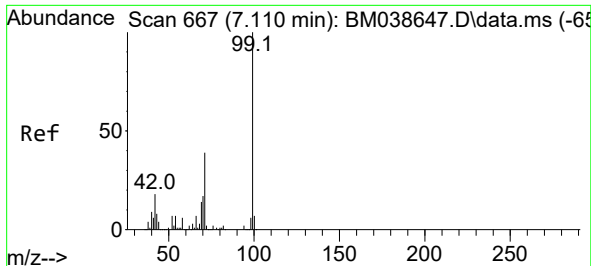
Tgt Ion:112 Resp: 271209
Ion Ratio Lower Upper
112 100
64 40.9 37.9 56.9
63 24.9 23.3 34.9



#6
Aniline
Concen: 47.428 ng
RT: 7.210 min Scan# 684
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion: 93 Resp: 203995
Ion Ratio Lower Upper
93 100
66 32.3 29.8 44.8
65 18.3 16.9 25.3

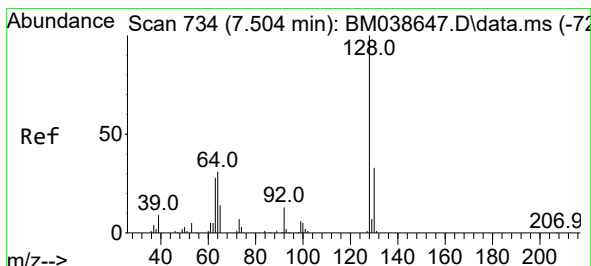
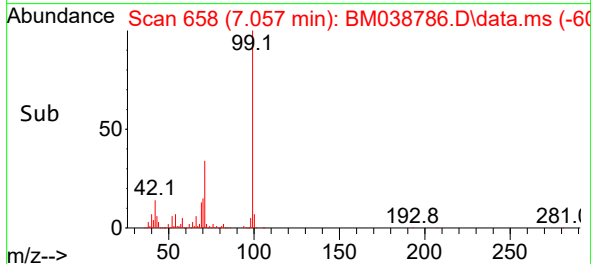
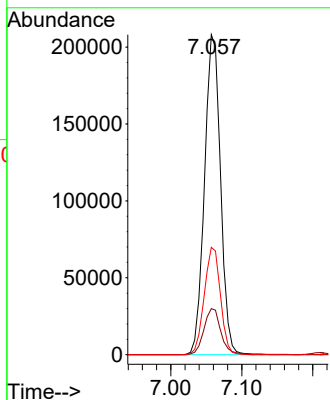
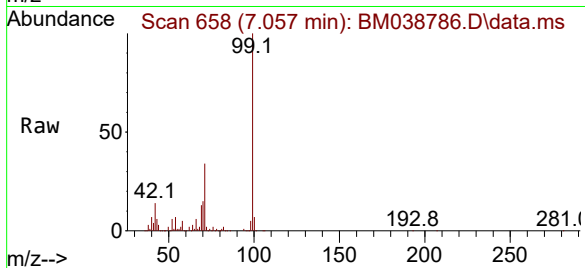




#7
Phenol-d6
Concen: 94.911 ng
RT: 7.057 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

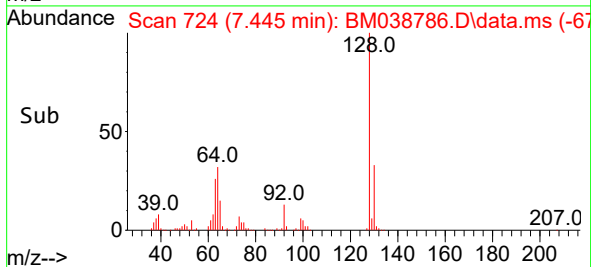
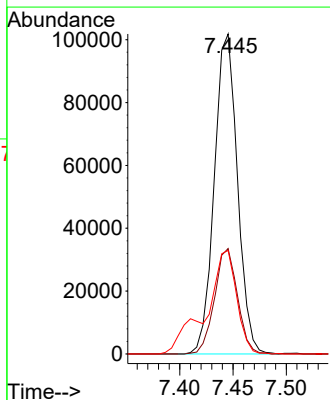
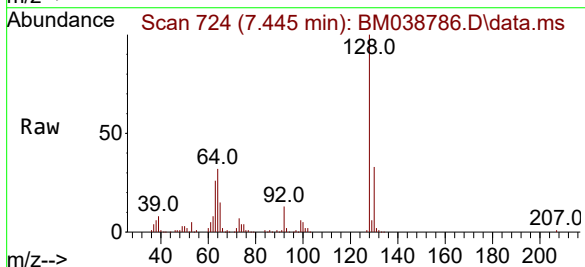
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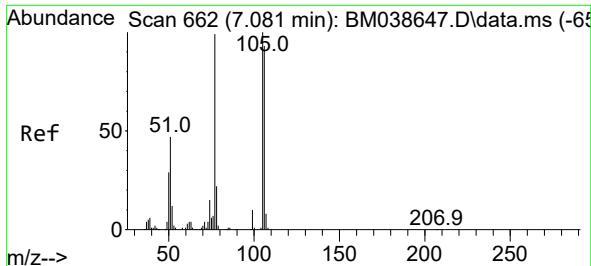
Tgt Ion: 99 Resp: 327263
Ion Ratio Lower Upper
99 100
42 14.4 14.6 22.0#
71 33.6 31.0 46.4



#8
2-Chlorophenol
Concen: 46.471 ng
RT: 7.445 min Scan# 724
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:128 Resp: 153304
Ion Ratio Lower Upper
128 100
130 33.0 13.2 53.2
64 32.4 17.3 57.3

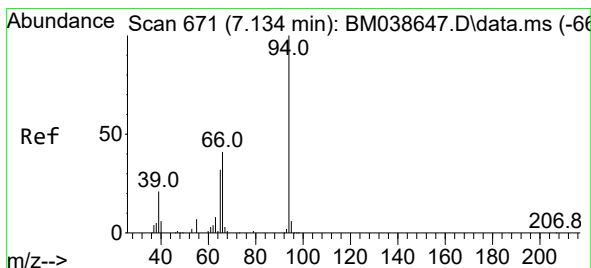
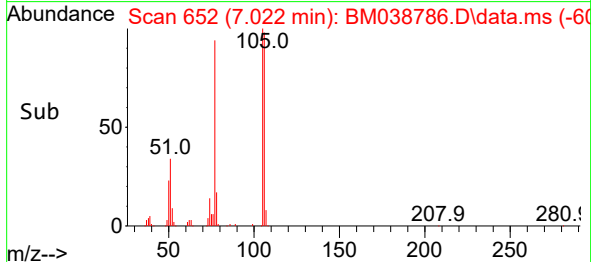
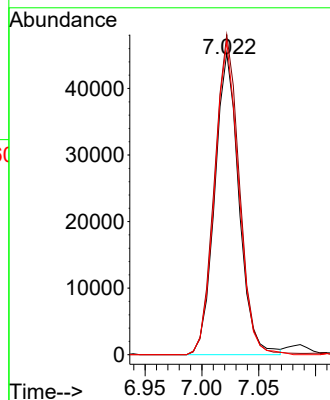
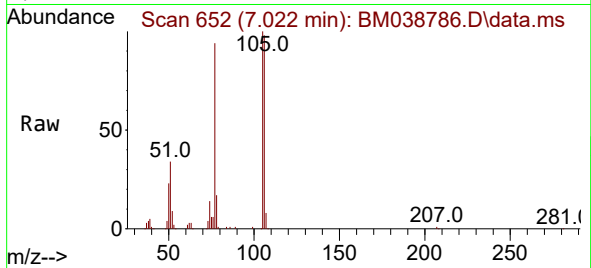




#9
Benzaldehyde
Concen: 44.107 ng
RT: 7.022 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

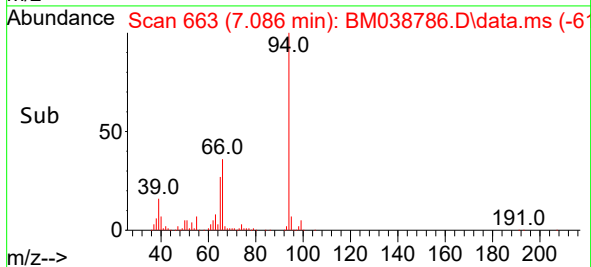
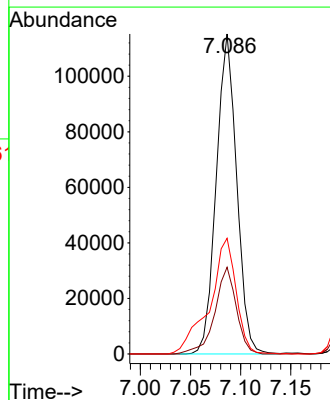
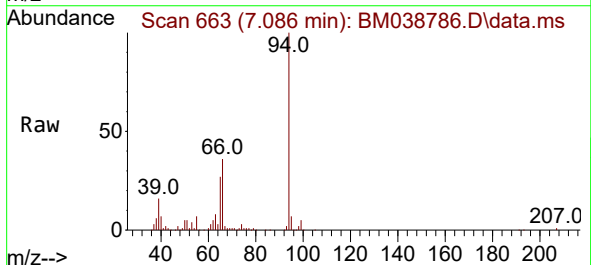
Instrument :
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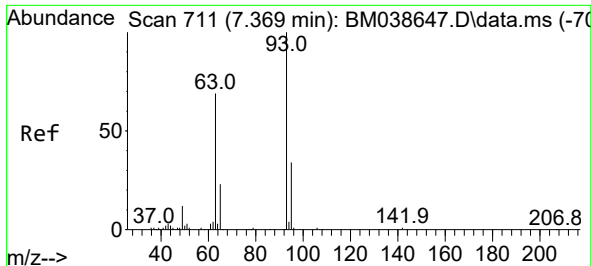
Tgt Ion: 77 Resp: 67033
Ion Ratio Lower Upper
77 100
105 106.1 80.8 120.8
106 103.8 73.8 113.8



#10
Phenol
Concen: 46.723 ng
RT: 7.086 min Scan# 663
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion: 94 Resp: 162759
Ion Ratio Lower Upper
94 100
65 27.1 12.3 52.3
66 36.1 24.2 64.2

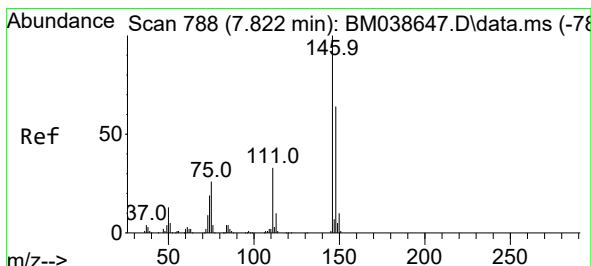
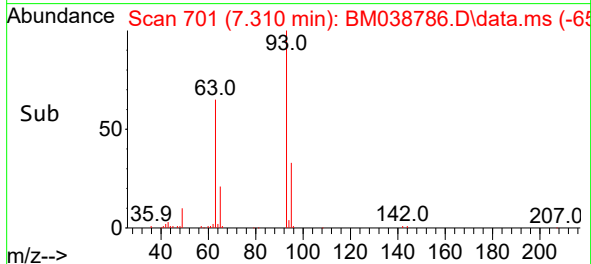
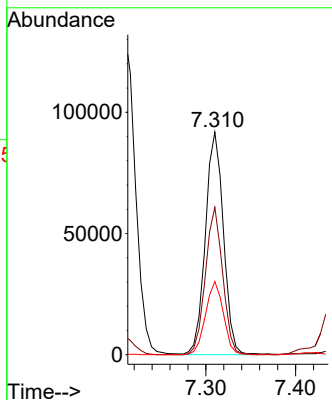
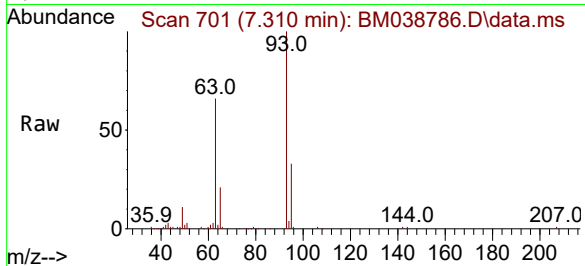




#11
bis(2-Chloroethyl)ether
Concen: 45.626 ng
RT: 7.310 min Scan# 711
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

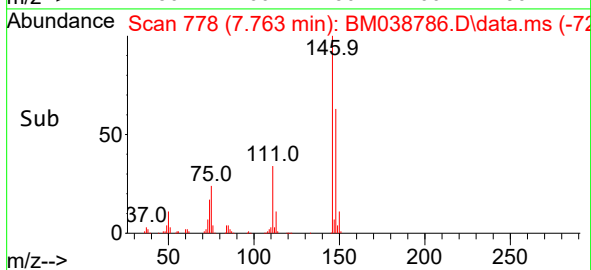
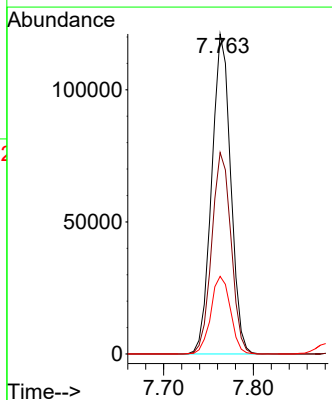
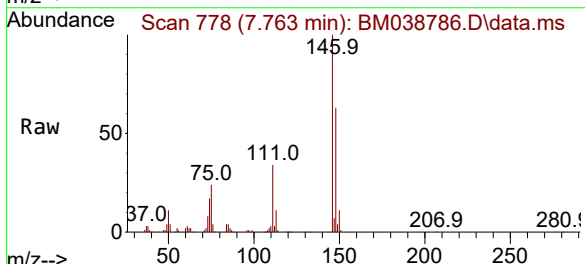
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

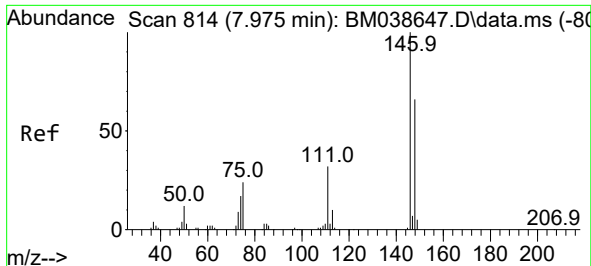
Tgt Ion: 93 Resp: 128713
Ion Ratio Lower Upper
93 100
63 66.2 48.5 88.5
95 32.9 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 42.253 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:146 Resp: 178094
Ion Ratio Lower Upper
146 100
148 62.9 51.5 77.3
75 24.3 21.1 31.7

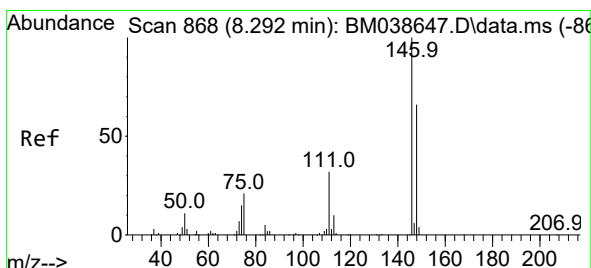
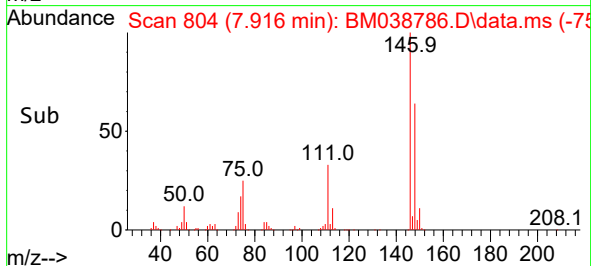
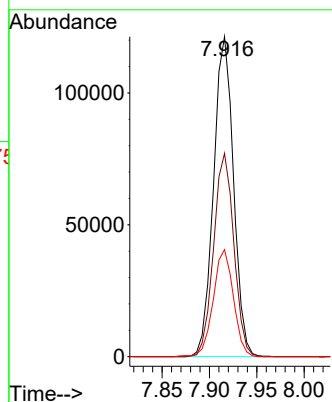
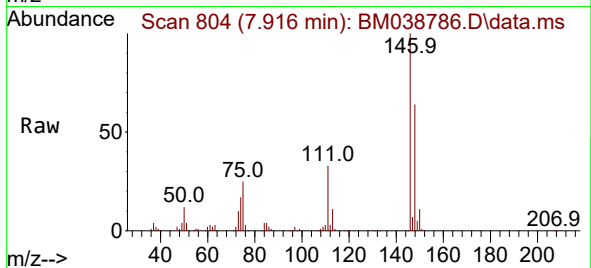




#13
1,4-Dichlorobenzene
Concen: 41.780 ng
RT: 7.916 min Scan# 804
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

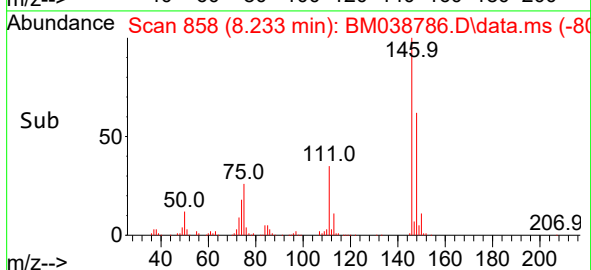
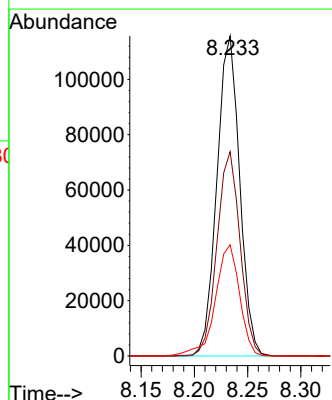
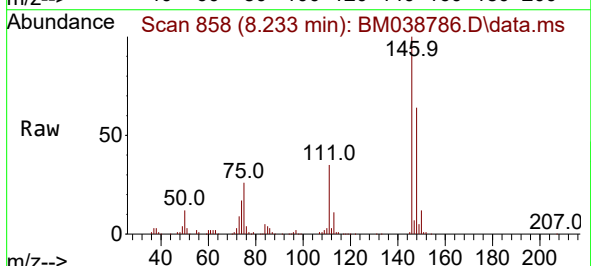
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

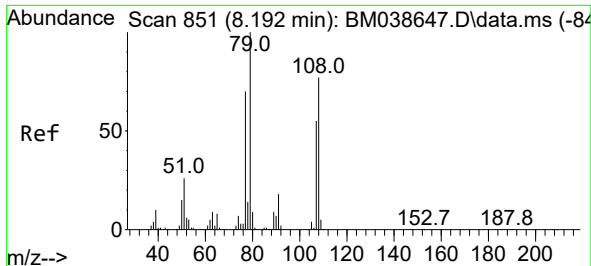
Tgt Ion:146 Resp: 177725
Ion Ratio Lower Upper
146 100
148 63.5 53.1 79.7
111 33.5 25.9 38.9



#14
1,2-Dichlorobenzene
Concen: 42.197 ng
RT: 8.233 min Scan# 858
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:146 Resp: 171961
Ion Ratio Lower Upper
146 100
148 63.9 52.9 79.3
111 34.8 26.2 39.2

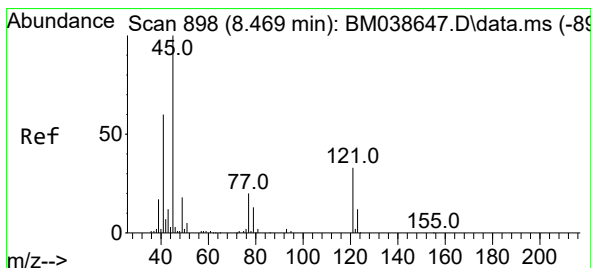
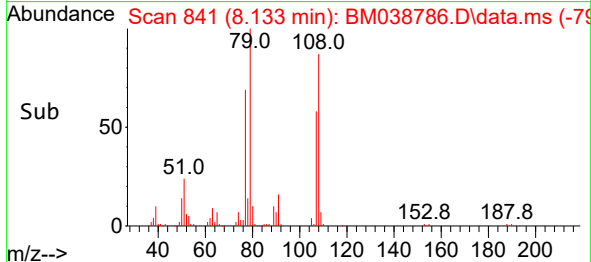
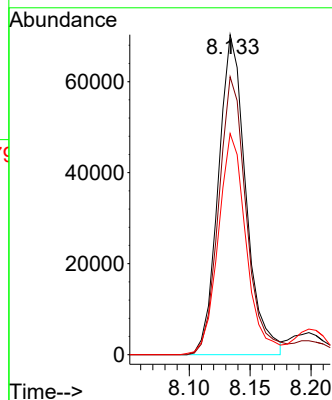
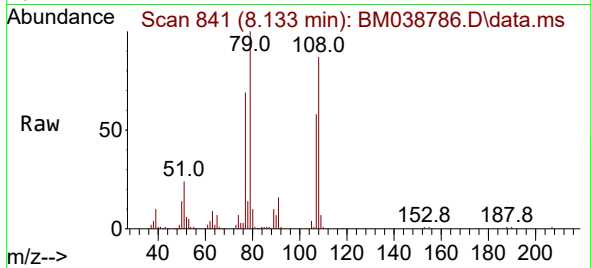




#15
Benzyl Alcohol
Concen: 43.627 ng
RT: 8.133 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

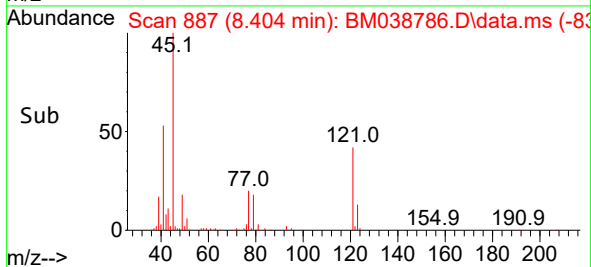
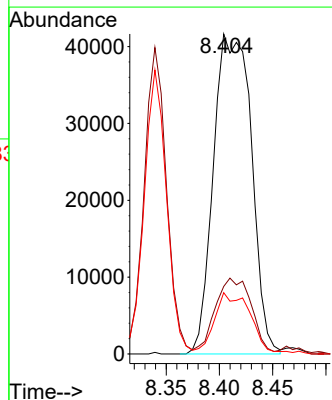
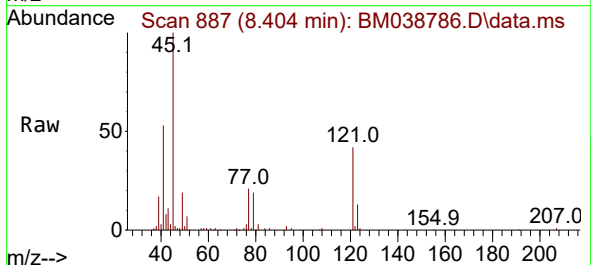
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

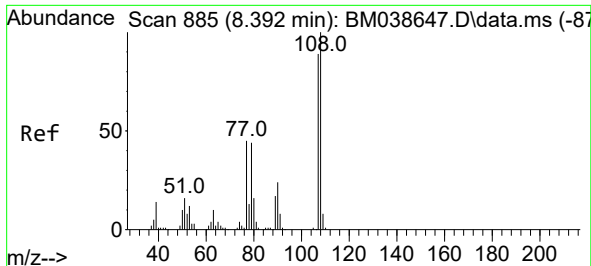
Tgt Ion: 79 Resp: 110721
Ion Ratio Lower Upper
79 100
108 86.9 61.9 92.9
77 69.1 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.502 ng
RT: 8.404 min Scan# 887
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion: 45 Resp: 102883
Ion Ratio Lower Upper
45 100
77 21.1 1.1 41.1
79 19.2 0.0 34.6

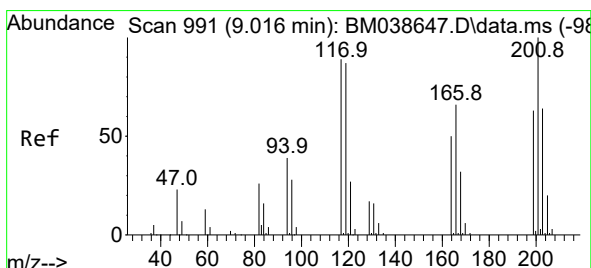
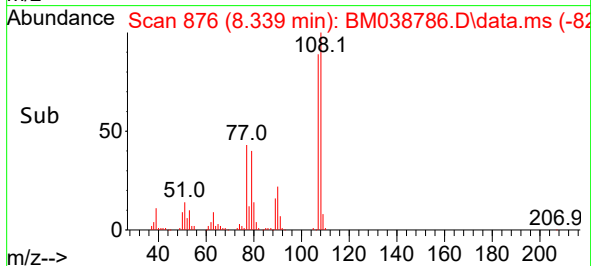
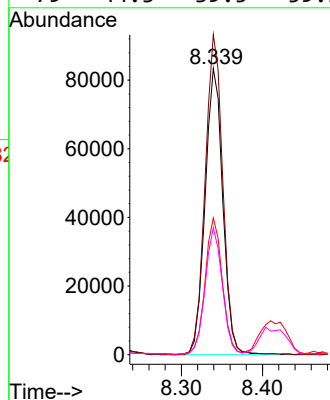
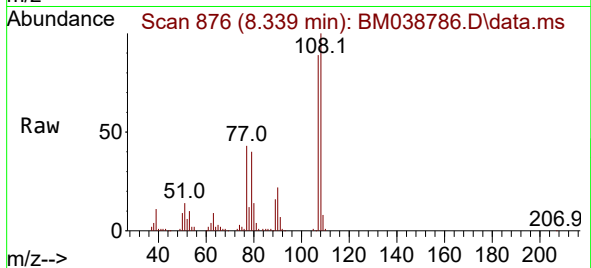




#17
2-Methylphenol
Concen: 47.228 ng
RT: 8.339 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

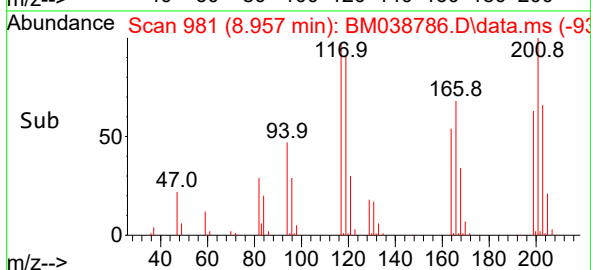
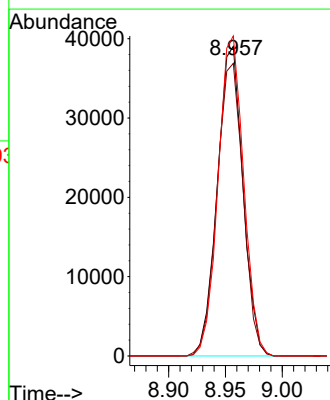
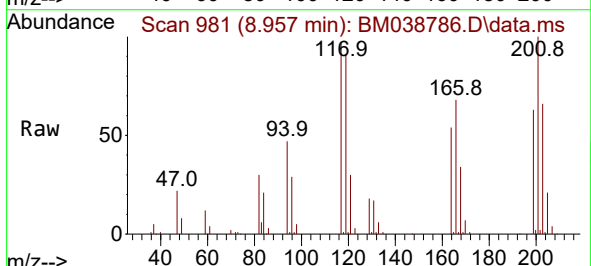
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

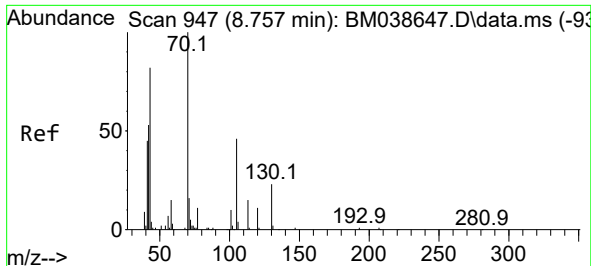
Tgt Ion:	107	Resp:	126191
Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.6	134.4
77	47.9	40.7	61.1
79	44.3	39.5	59.3



#18
Hexachloroethane
Concen: 44.652 ng
RT: 8.957 min Scan# 981
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:	117	Resp:	61341
Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.6	117.8
201	105.5	90.2	135.2





#19

n-Nitroso-di-n-propylamine

Concen: 45.987 ng

RT: 8.698 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 95581

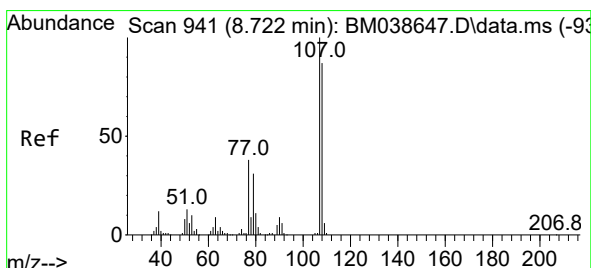
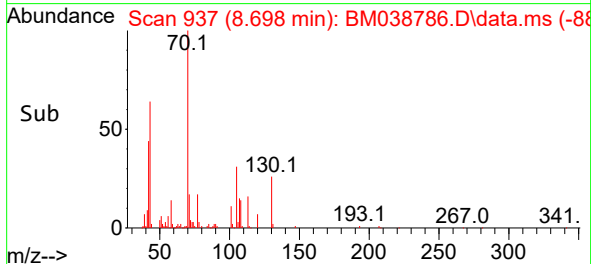
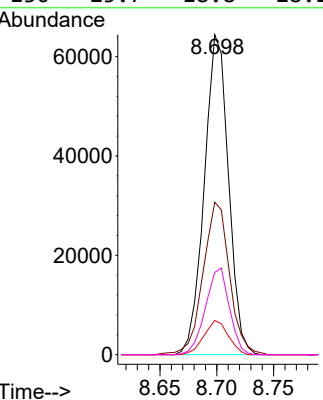
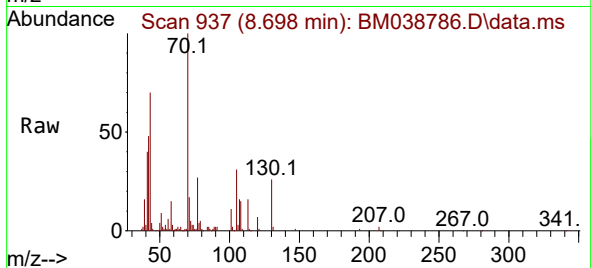
Ion Ratio Lower Upper

70 100

42 47.6 43.4 65.2

101 10.7 8.2 12.2

130 25.7 18.8 28.2



#20

3+4-Methylphenols

Concen: 47.819 ng

RT: 8.675 min Scan# 933

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Tgt Ion: 107 Resp: 170353

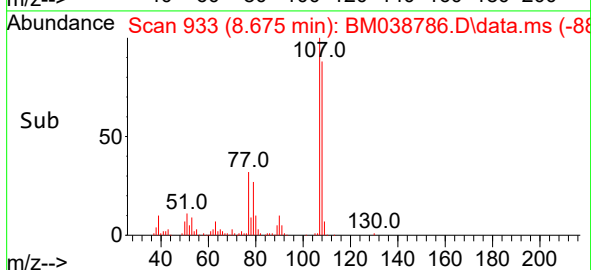
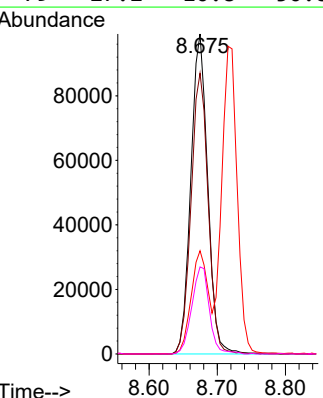
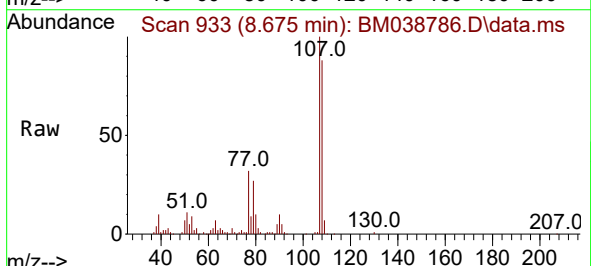
Ion Ratio Lower Upper

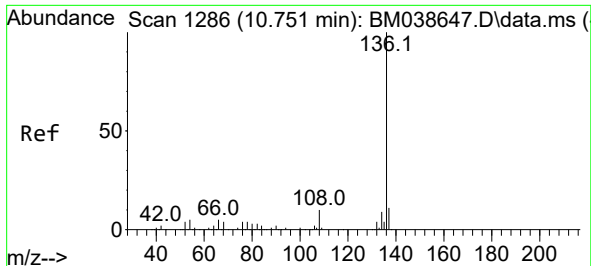
107 100

108 87.7 67.2 107.2

77 32.2 17.5 57.5

79 27.2 10.8 50.8

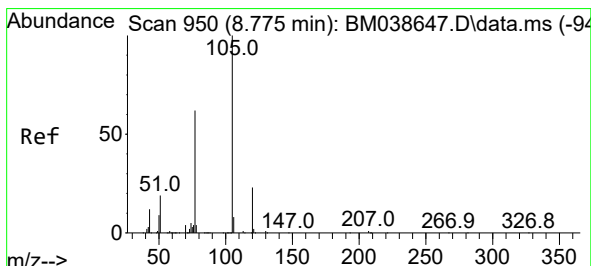
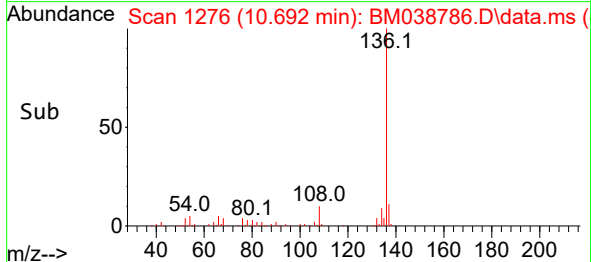
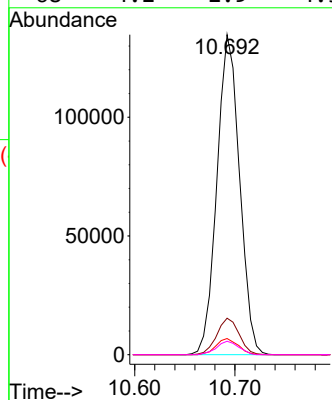
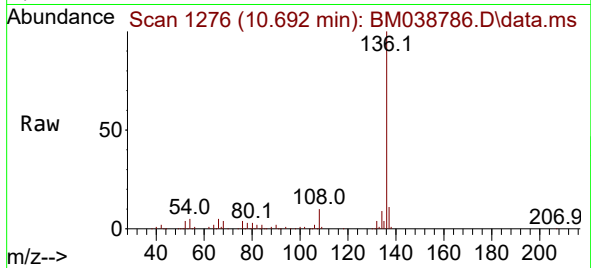




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

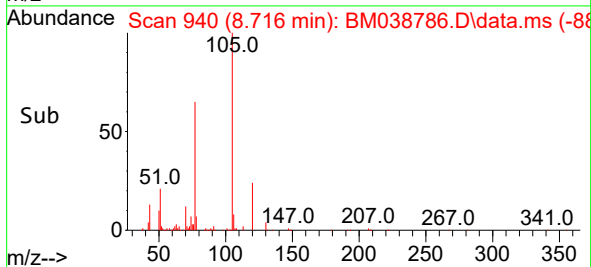
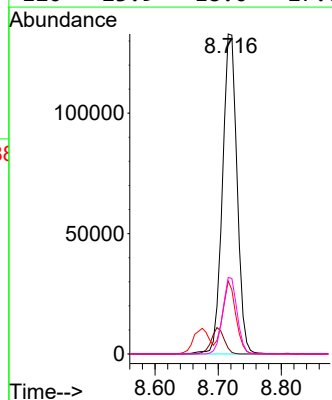
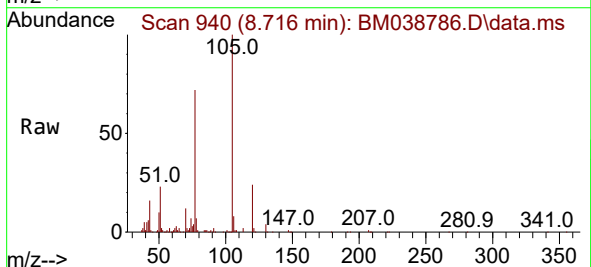
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

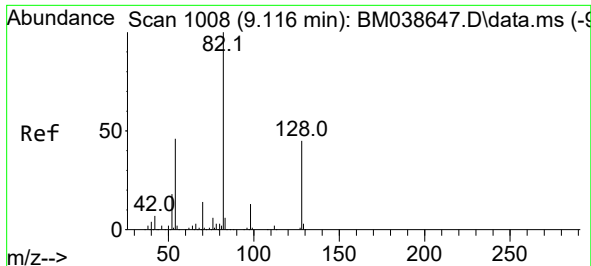
Tgt Ion:136 Resp: 211149
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 5.0 4.2 6.4
68 4.2 2.9 4.3



#22
Acetophenone
Concen: 42.403 ng
RT: 8.716 min Scan# 940
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:105 Resp: 213517
Ion Ratio Lower Upper
105 100
71 1.8 0.9 1.3#
51 22.8 19.3 28.9
120 23.9 18.0 27.0

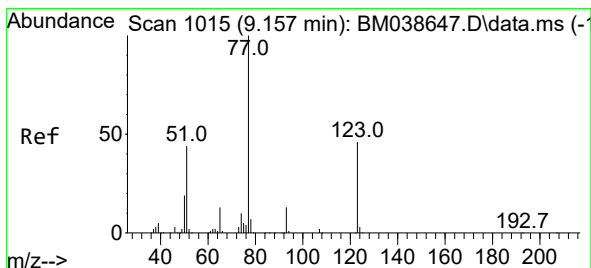
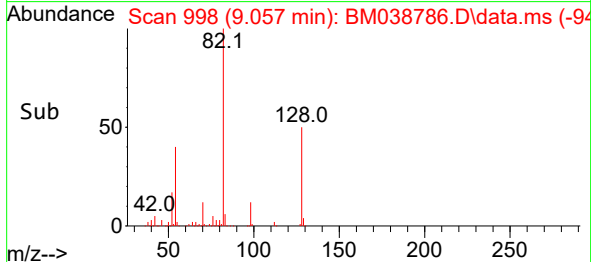
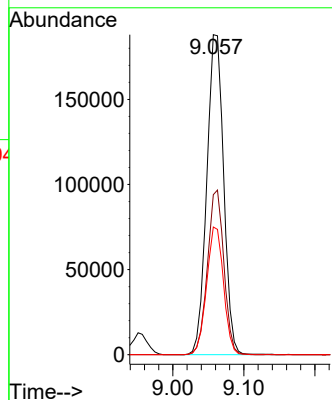
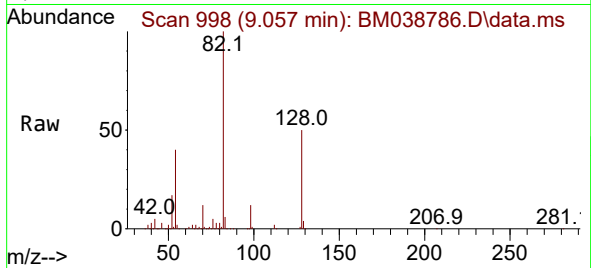




#23
Nitrobenzene-d5
Concen: 83.701 ng
RT: 9.057 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

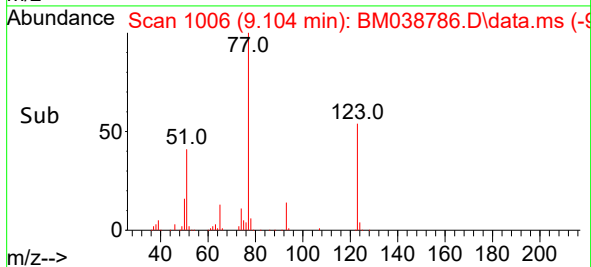
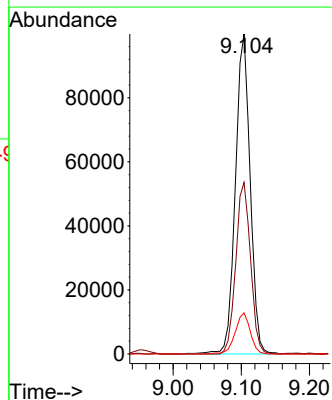
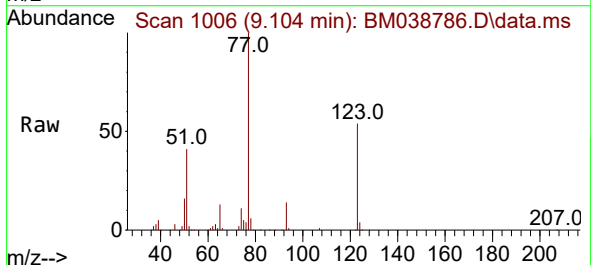
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

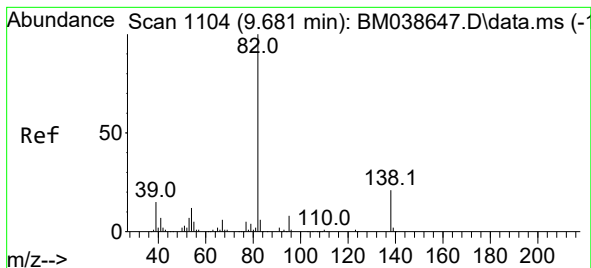
Tgt Ion: 82 Resp: 311148
Ion Ratio Lower Upper
82 100
128 50.0 36.0 54.0
54 39.9 36.8 55.2



#24
Nitrobenzene
Concen: 39.888 ng
RT: 9.104 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion: 77 Resp: 150504
Ion Ratio Lower Upper
77 100
123 53.6 36.5 54.7
65 12.9 10.7 16.1





#25

Isophorone

Concen: 42.217 ng

RT: 9.627 min Scan# 1104

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

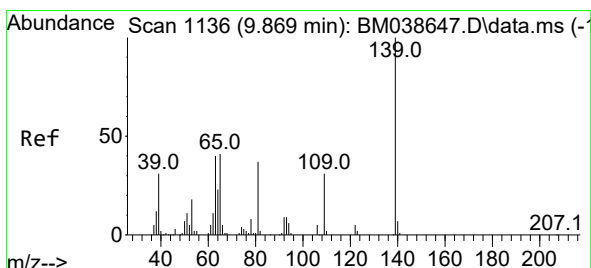
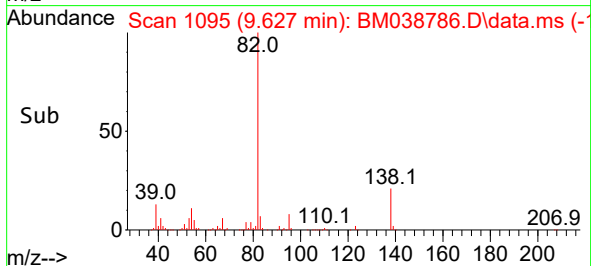
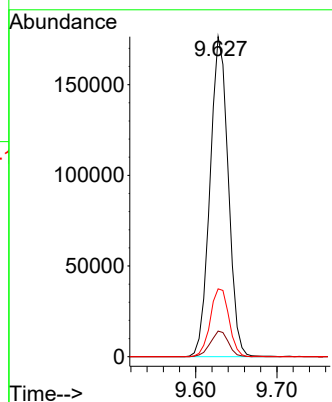
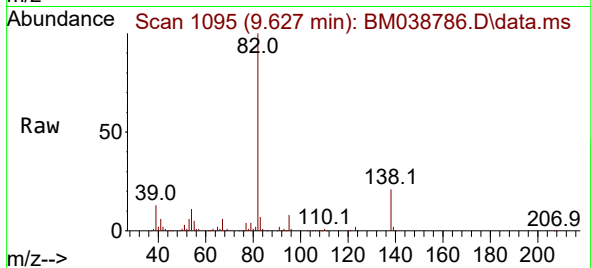
Tgt Ion: 82 Resp: 274922

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

138 21.2 17.0 25.6



#26

2-Nitrophenol

Concen: 43.993 ng

RT: 9.810 min Scan# 1126

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

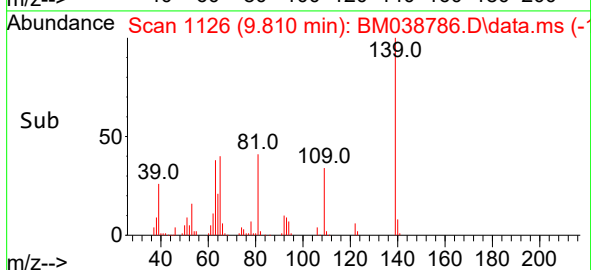
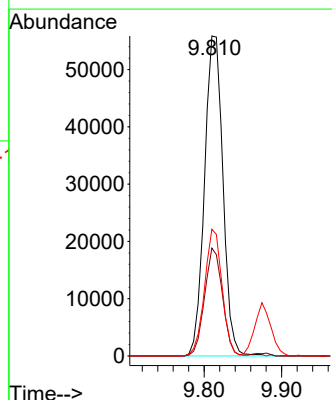
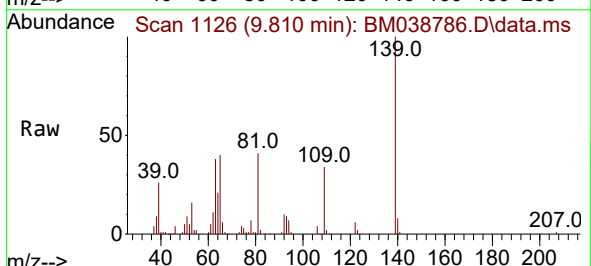
Tgt Ion: 139 Resp: 92367

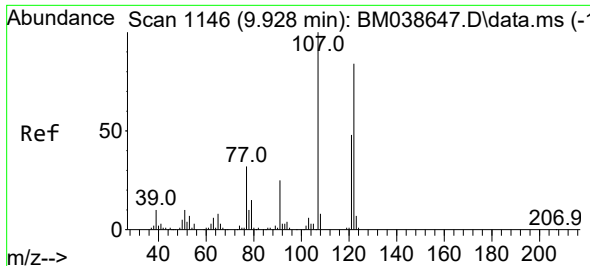
Ion Ratio Lower Upper

139 100

109 33.7 24.5 36.7

65 39.6 32.6 49.0

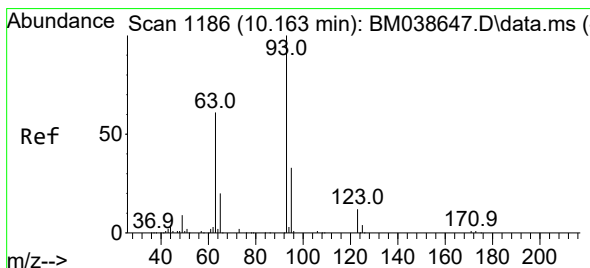
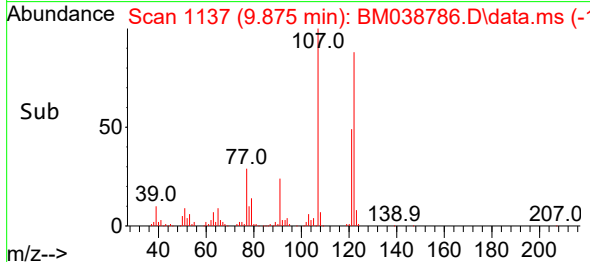
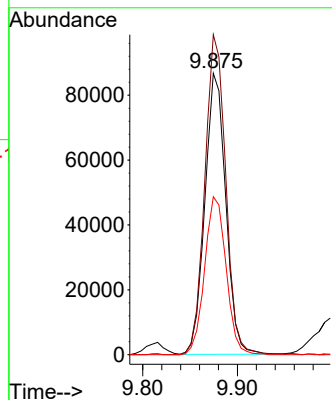
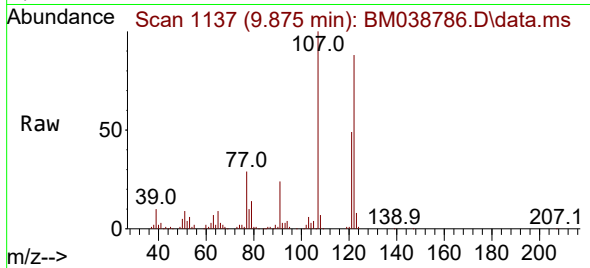




#27
2,4-Dimethylphenol
Concen: 43.852 ng
RT: 9.875 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

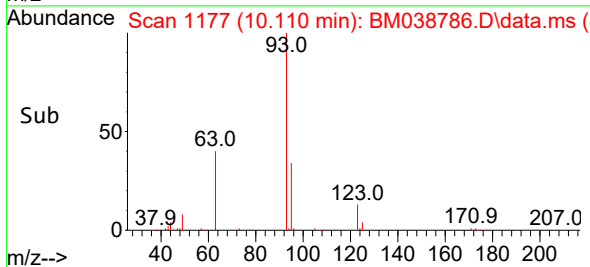
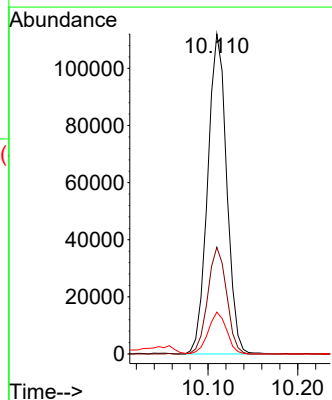
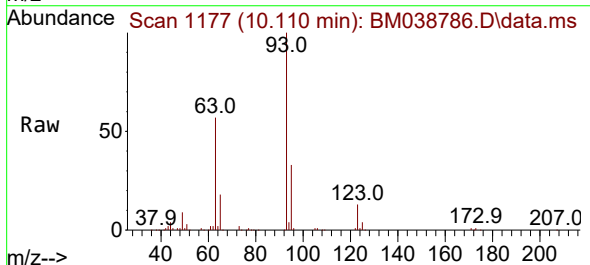
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

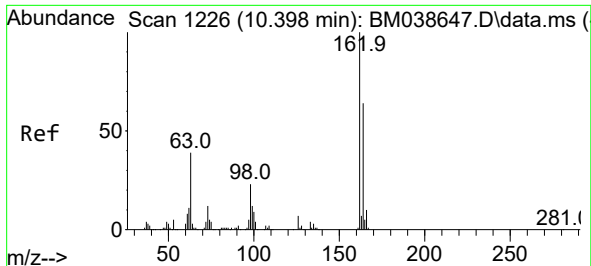
Tgt Ion:122 Resp: 132840
Ion Ratio Lower Upper
122 100
107 113.7 94.9 142.3
121 56.1 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.404 ng
RT: 10.110 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion: 93 Resp: 164776
Ion Ratio Lower Upper
93 100
95 33.4 26.6 40.0
123 13.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 37.063 ng

RT: 10.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

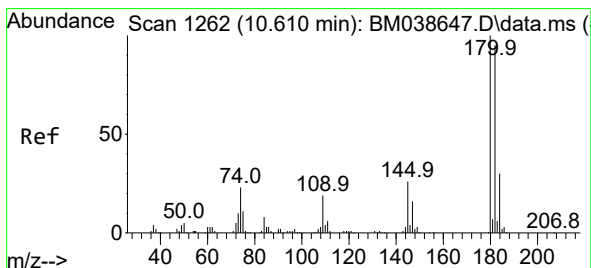
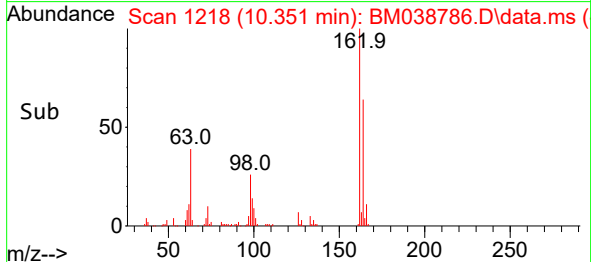
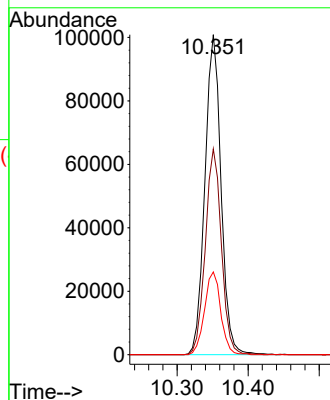
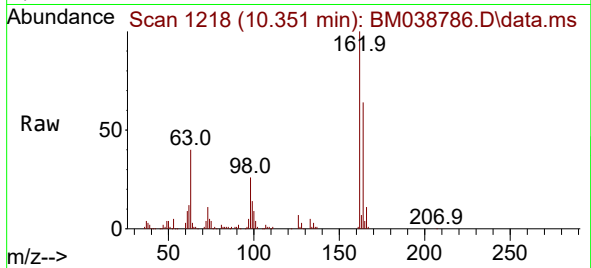
Tgt Ion:162 Resp: 159509

Ion Ratio Lower Upper

162 100

164 64.3 44.3 84.3

98 25.8 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 34.533 ng

RT: 10.557 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

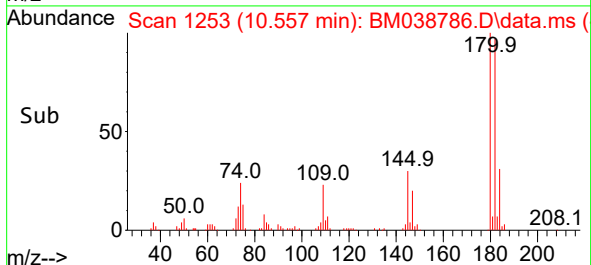
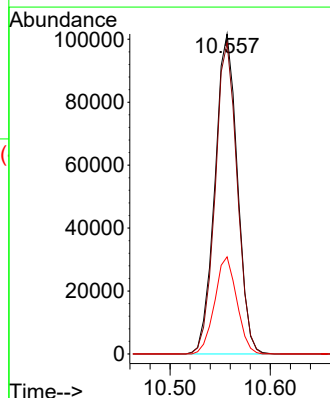
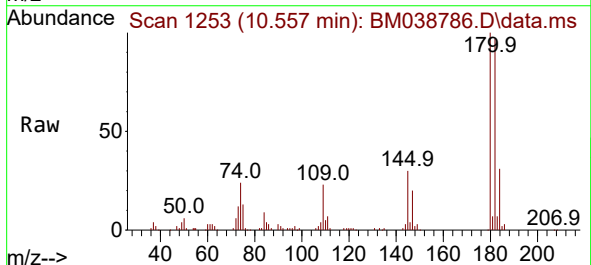
Tgt Ion:180 Resp: 158093

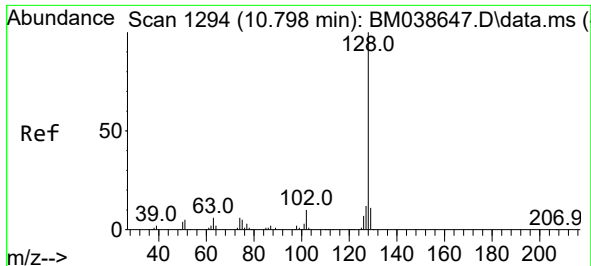
Ion Ratio Lower Upper

180 100

182 97.3 76.2 114.2

145 30.4 20.8 31.2

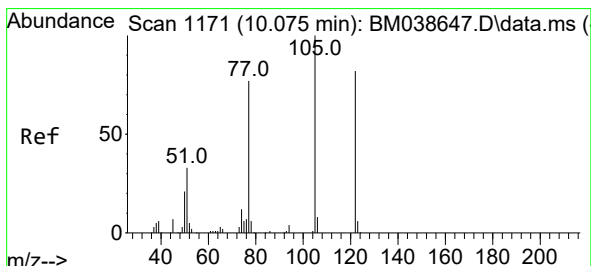
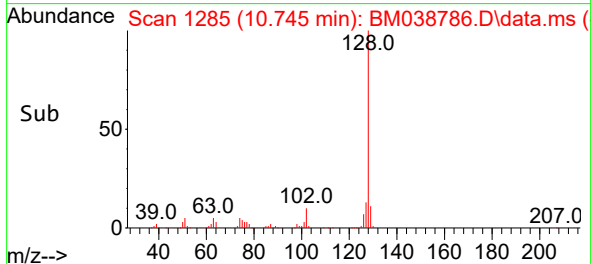
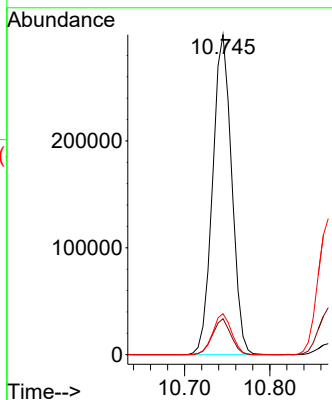
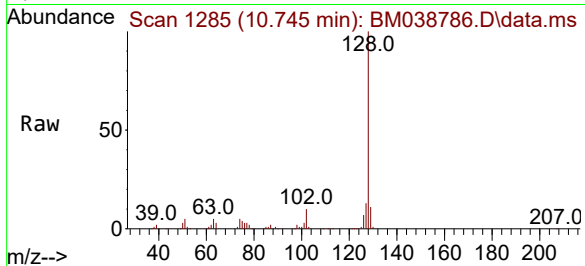




#31
Naphthalene
Concen: 42.917 ng
RT: 10.745 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

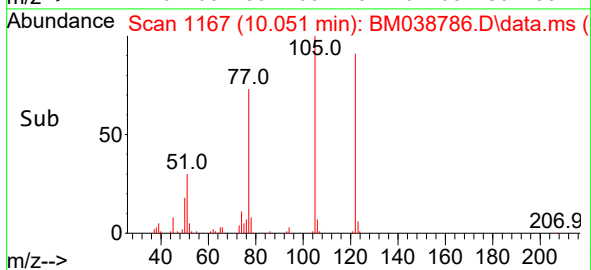
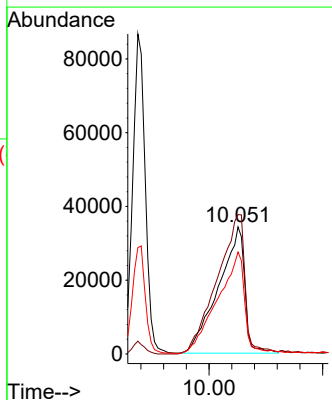
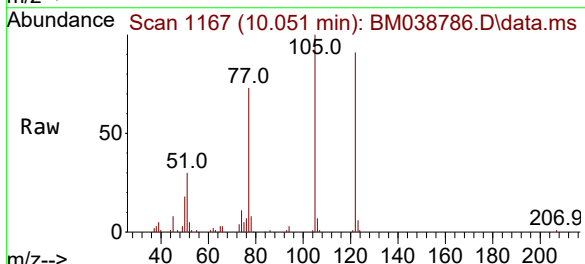
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

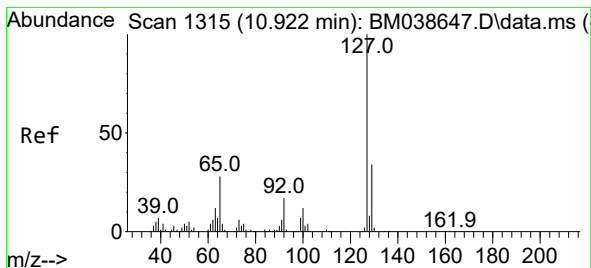
Tgt Ion:128 Resp: 465016
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 12.8 9.9 14.9



#32
Benzoic acid
Concen: 44.598 ng
RT: 10.051 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:122 Resp: 109362
Ion Ratio Lower Upper
122 100
105 109.7 99.2 139.2
77 80.2 72.3 112.3





#33

4-Chloroaniline

Concen: 43.842 ng

RT: 10.869 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 208187

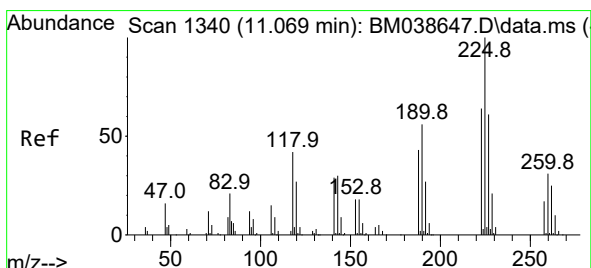
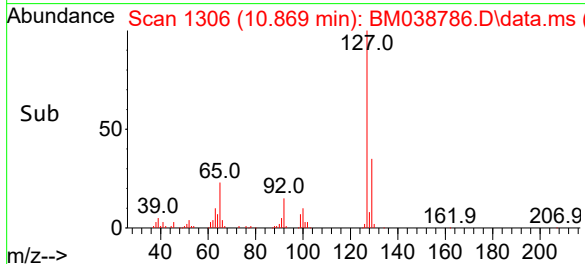
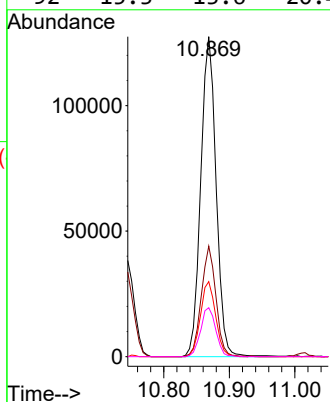
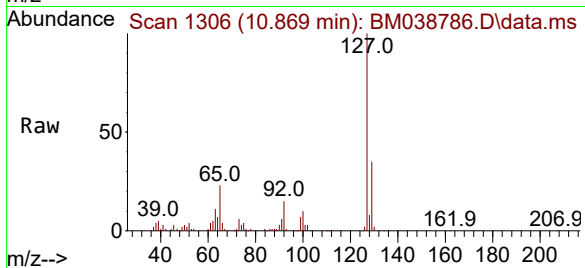
Ion Ratio Lower Upper

127 100

129 34.5 27.1 40.7

65 23.4 22.2 33.4

92 15.3 13.6 20.4



#34

Hexachlorobutadiene

Concen: 39.385 ng

RT: 11.010 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

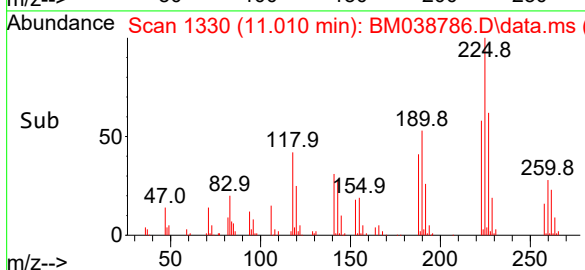
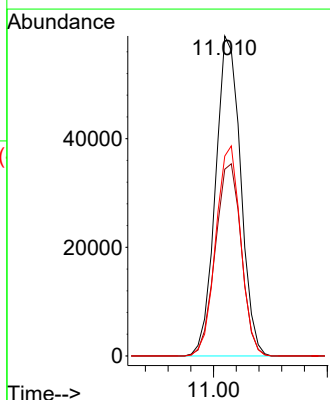
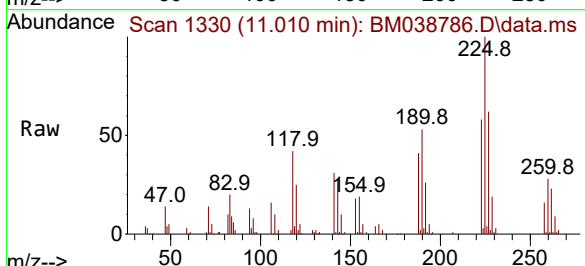
Tgt Ion:225 Resp: 90323

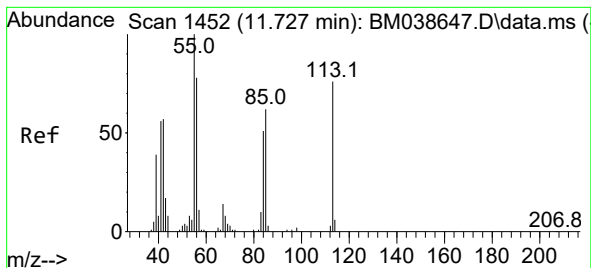
Ion Ratio Lower Upper

225 100

223 58.4 51.0 76.4

227 62.5 49.2 73.8





#35

Caprolactam

Concen: 44.671 ng

RT: 11.686 min Scan# 1445

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

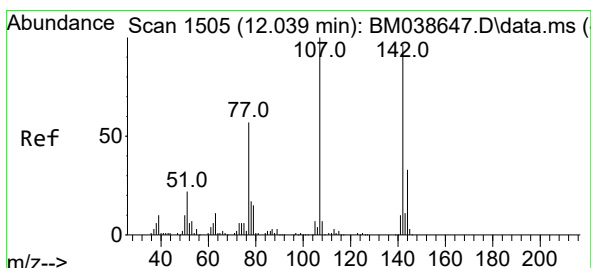
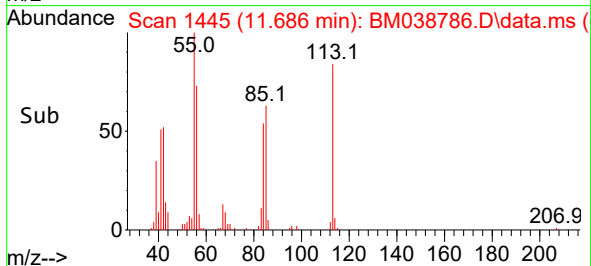
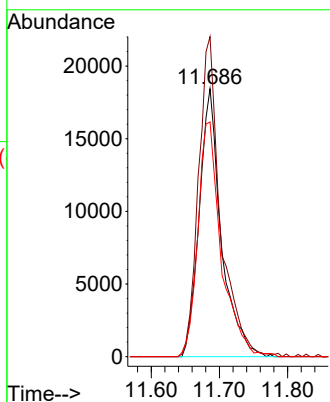
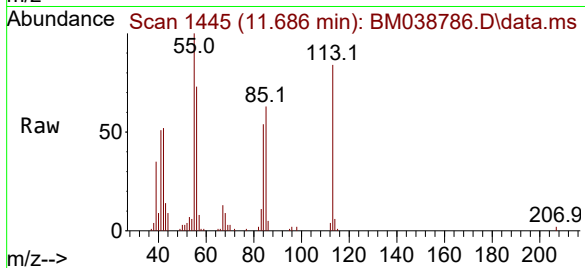
Tgt Ion:113 Resp: 41404

Ion Ratio Lower Upper

113 100

55 119.4 111.2 151.2

56 87.6 82.0 122.0



#36

4-Chloro-3-methylphenol

Concen: 41.953 ng

RT: 12.004 min Scan# 1499

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

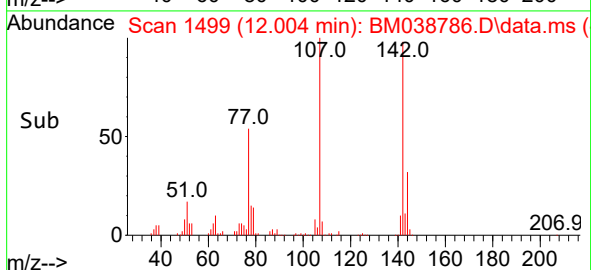
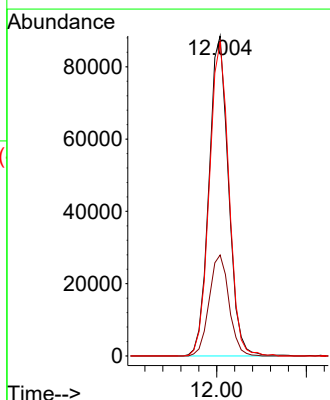
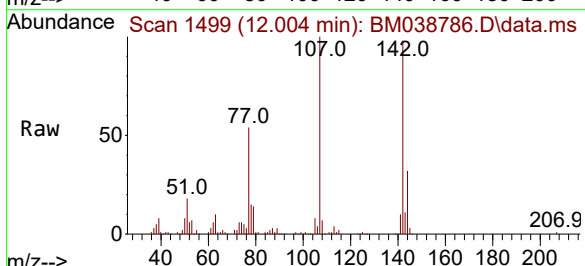
Tgt Ion:107 Resp: 133510

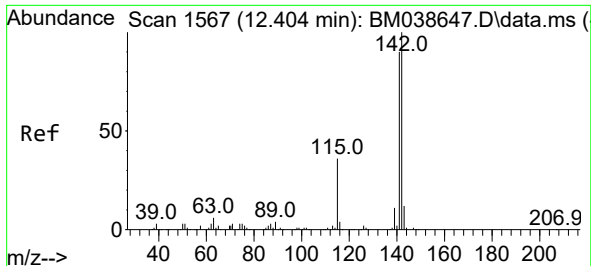
Ion Ratio Lower Upper

107 100

144 31.6 26.5 39.7

142 98.1 77.0 115.6





#37

2-Methylnaphthalene

Concen: 39.784 ng

RT: 12.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

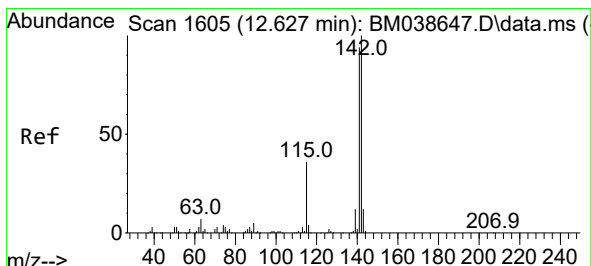
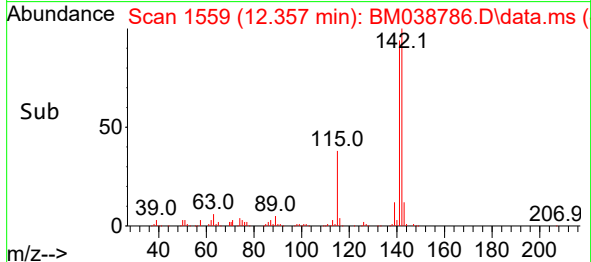
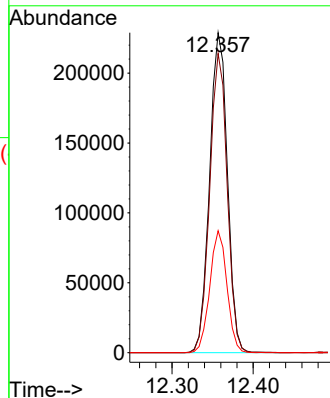
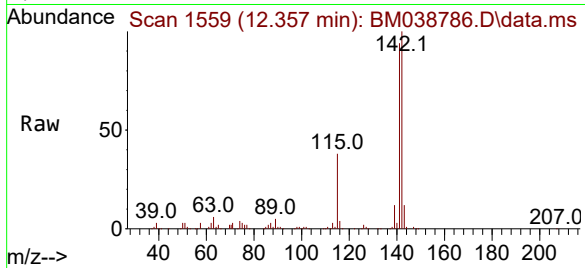
Tgt Ion:142 Resp: 348354

Ion Ratio Lower Upper

142 100

141 93.5 71.8 107.8

115 38.1 28.7 43.1



#38

1-Methylnaphthalene

Concen: 40.241 ng

RT: 12.574 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

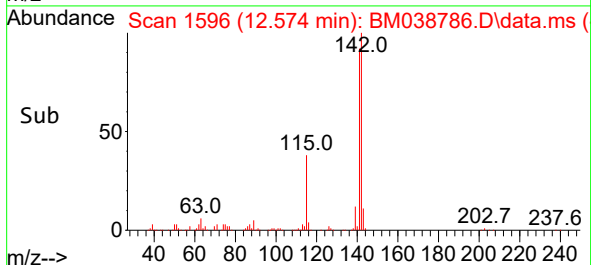
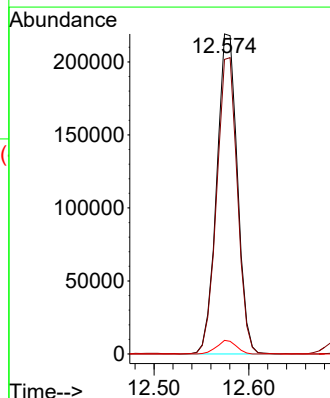
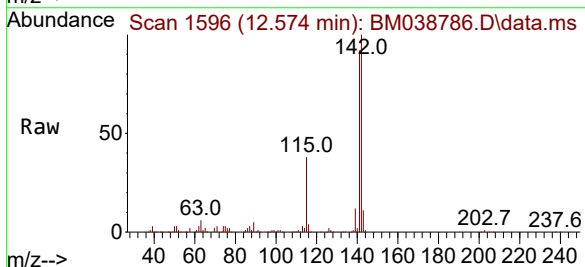
Tgt Ion:142 Resp: 332018

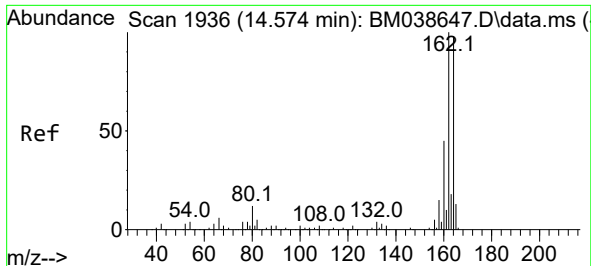
Ion Ratio Lower Upper

142 100

141 92.0 75.5 113.3

116 4.3 3.1 4.7

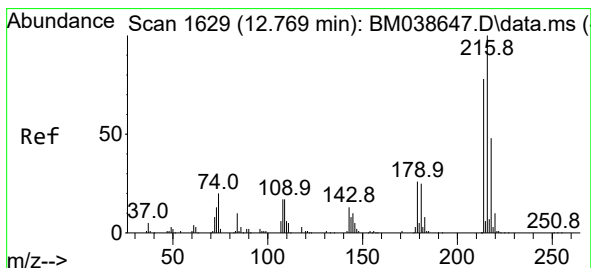
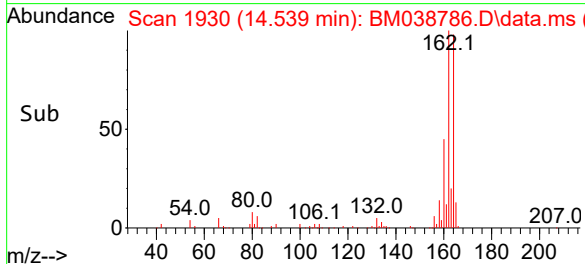
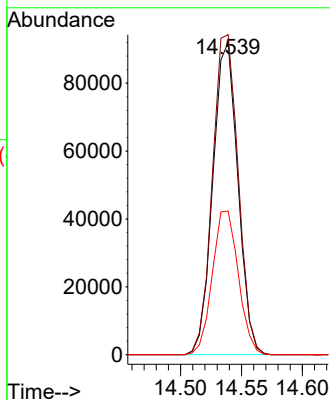
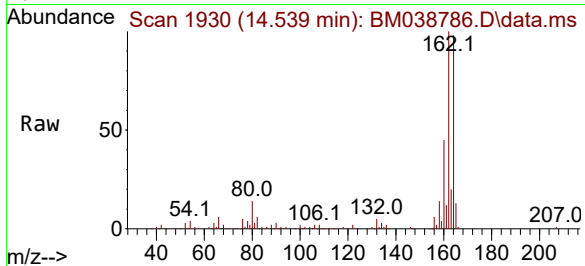




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

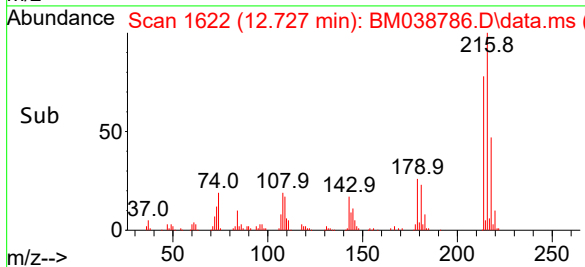
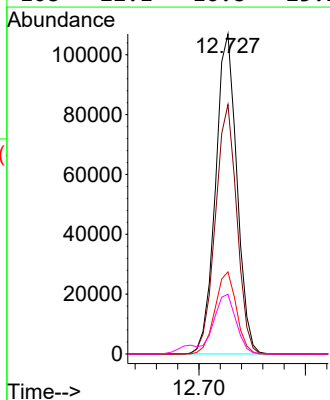
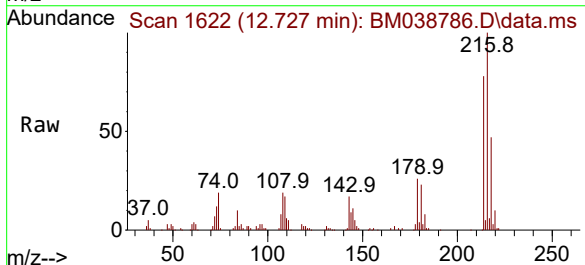
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

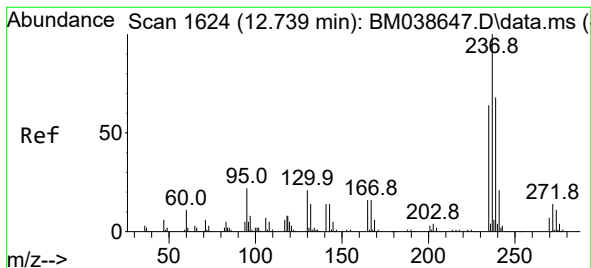
Tgt Ion:164 Resp: 131319
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 46.0 36.5 54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.513 ng
RT: 12.727 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:216 Resp: 148711
Ion Ratio Lower Upper
216 100
214 78.3 63.4 95.0
179 25.7 21.0 31.4
108 22.1 16.8 25.2

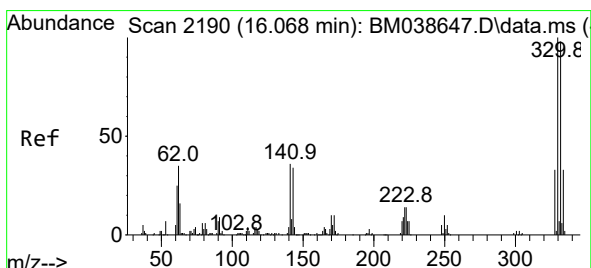
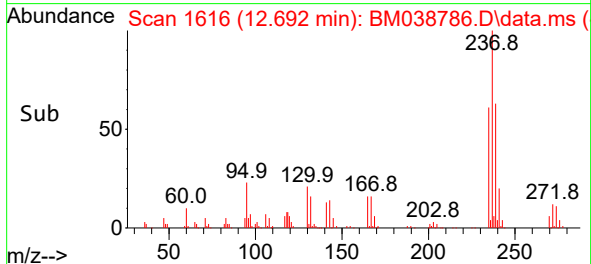
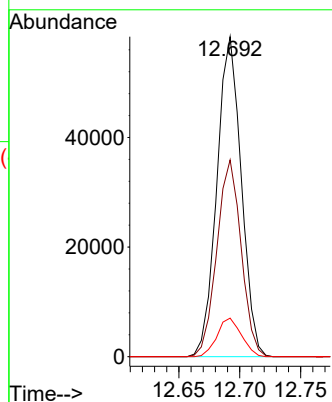
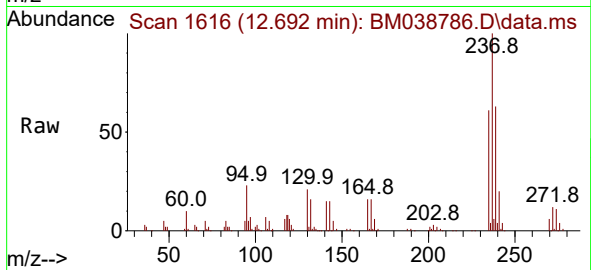




#41
Hexachlorocyclopentadiene
Concen: 38.410 ng
RT: 12.692 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

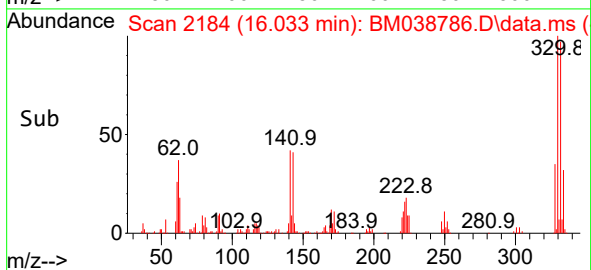
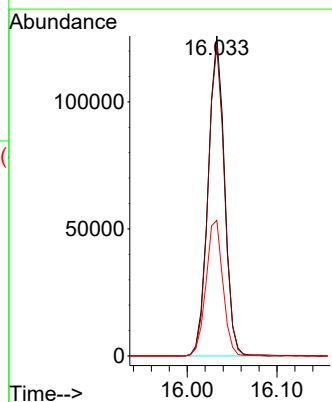
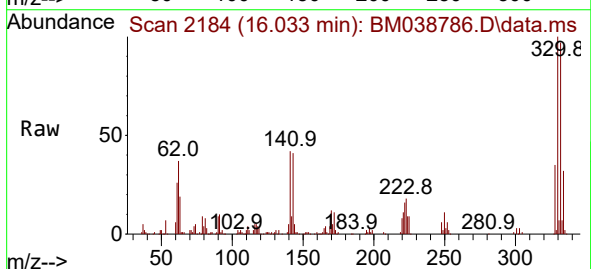
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

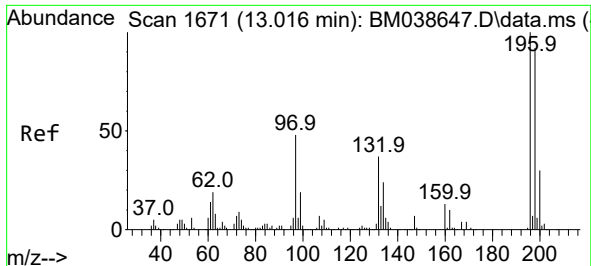
Tgt Ion:237 Resp: 81457
Ion Ratio Lower Upper
237 100
235 61.5 43.8 83.8
272 12.0 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 89.542 ng
RT: 16.033 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:330 Resp: 159824
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 43.7 31.0 46.6

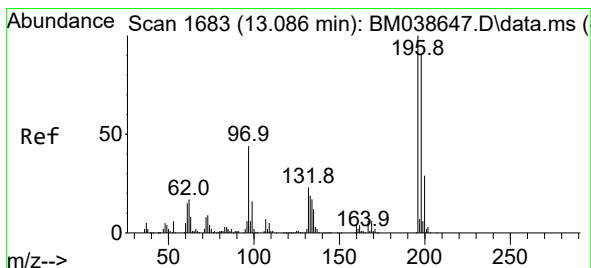
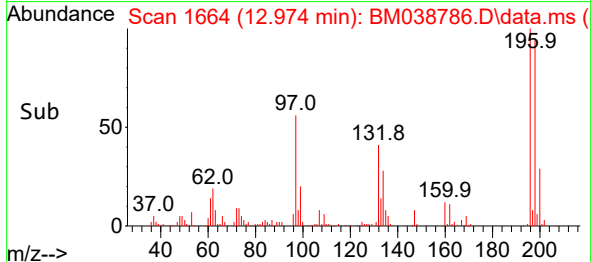
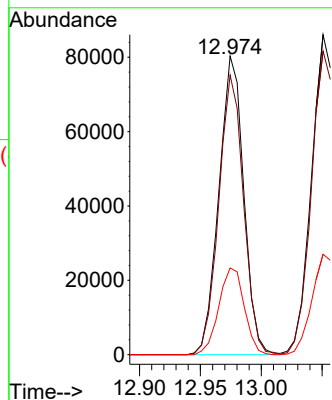
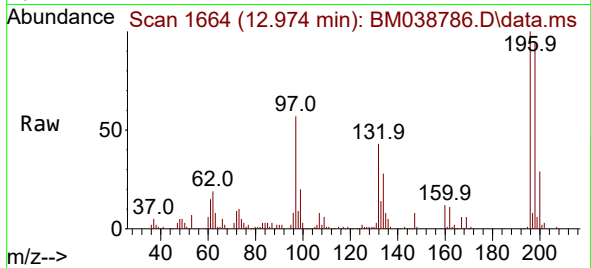




#43
2,4,6-Trichlorophenol
Concen: 42.470 ng
RT: 12.974 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

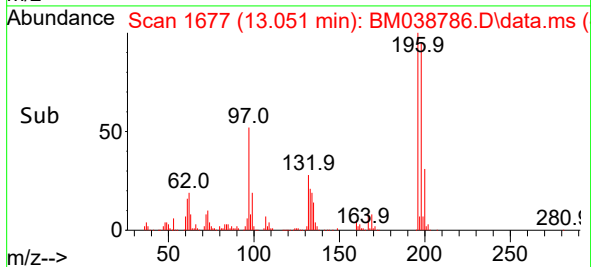
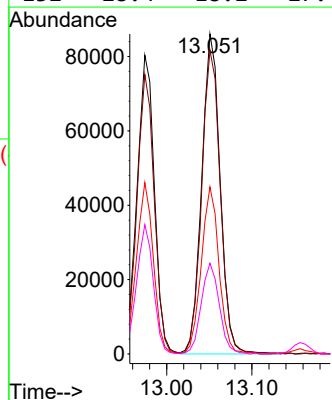
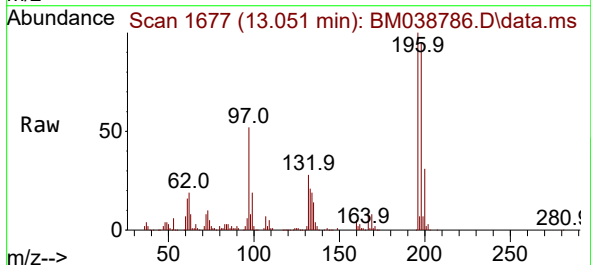
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

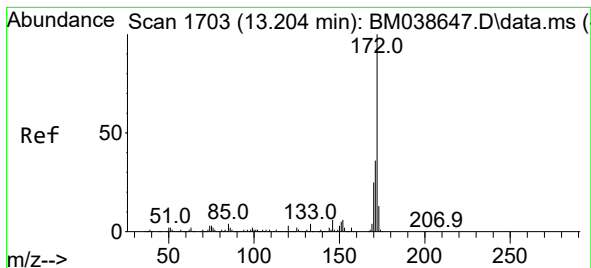
Tgt Ion:196 Resp: 114029
Ion Ratio Lower Upper
196 100
198 93.6 73.7 110.5
200 29.0 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 41.087 ng
RT: 13.051 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:196 Resp: 129816
Ion Ratio Lower Upper
196 100
198 94.9 73.1 109.7
97 52.2 35.5 53.3
132 28.4 18.2 27.4#





#45

2-Fluorobiphenyl

Concen: 84.529 ng

RT: 13.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

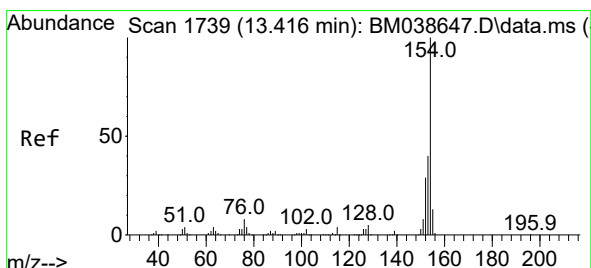
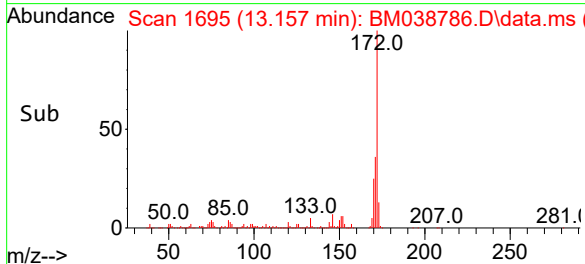
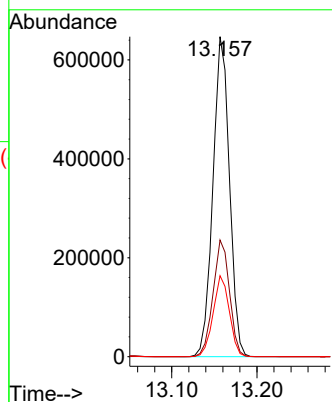
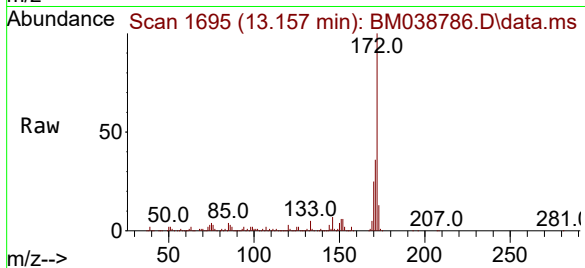
Tgt Ion:172 Resp: 871904

Ion Ratio Lower Upper

172 100

171 36.4 28.7 43.1

170 25.3 20.0 30.0



#46

1,1'-Biphenyl

Concen: 43.991 ng

RT: 13.368 min Scan# 1731

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

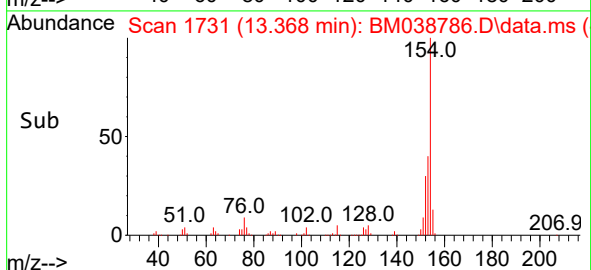
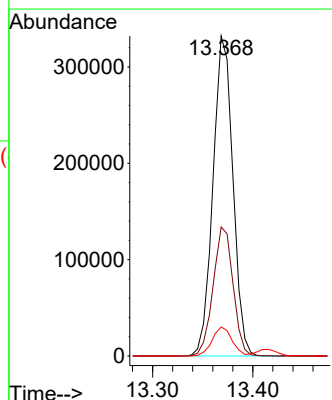
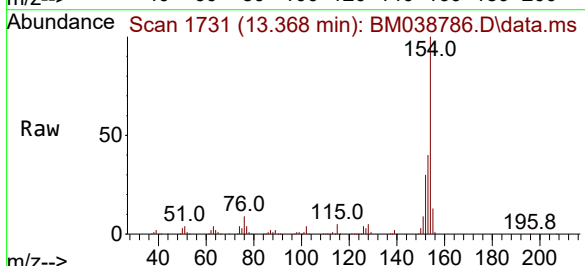
Tgt Ion:154 Resp: 457611

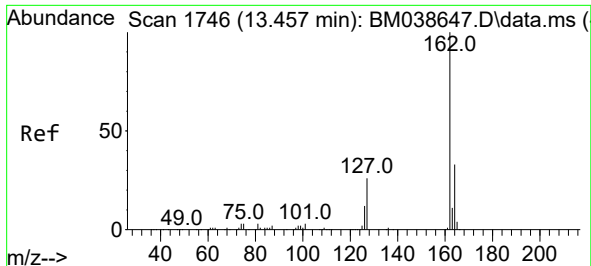
Ion Ratio Lower Upper

154 100

153 40.3 19.9 59.9

76 9.1 0.0 27.9

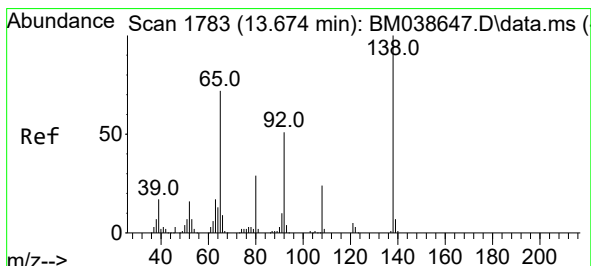
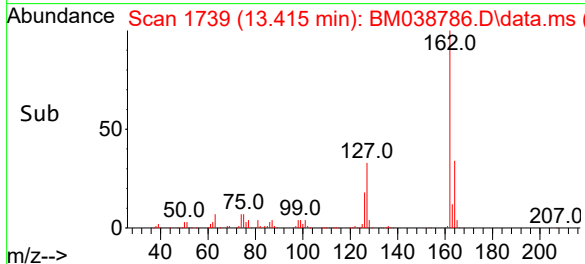
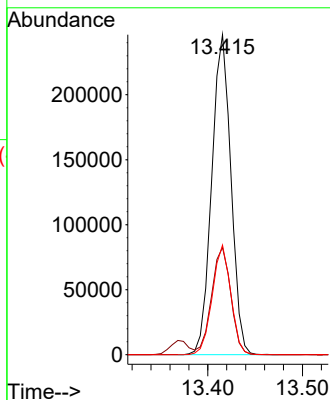
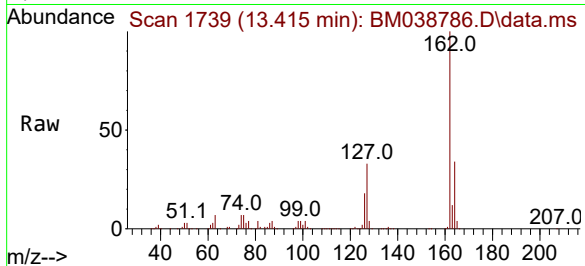




#47
2-Chloronaphthalene
Concen: 42.329 ng
RT: 13.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

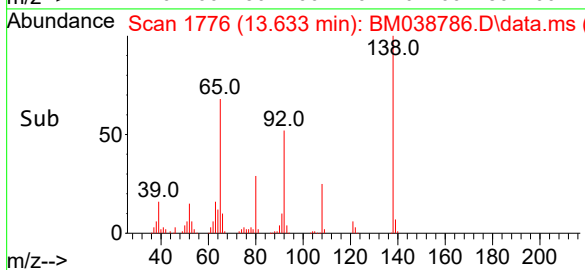
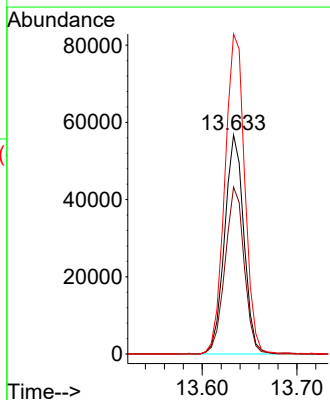
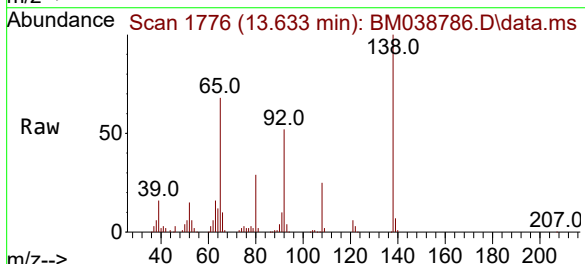
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

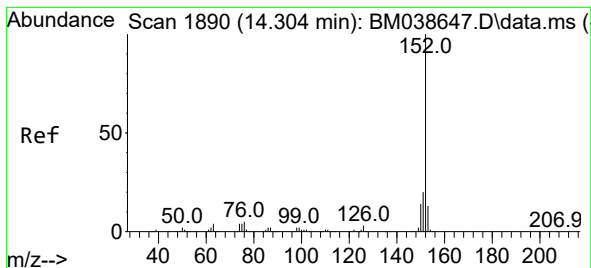
Tgt Ion:162 Resp: 346481
Ion Ratio Lower Upper
162 100
127 33.5 23.6 35.4
164 34.3 26.7 40.1



#48
2-Nitroaniline
Concen: 43.595 ng
RT: 13.633 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion: 65 Resp: 80148
Ion Ratio Lower Upper
65 100
92 76.2 55.9 83.9
138 146.1 110.6 166.0





#49

Acenaphthylene

Concen: 44.522 ng

RT: 14.262 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

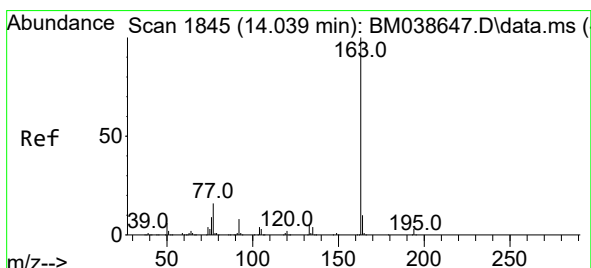
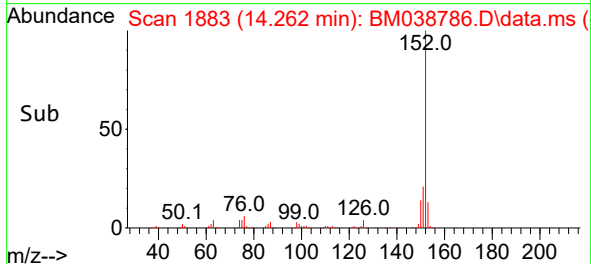
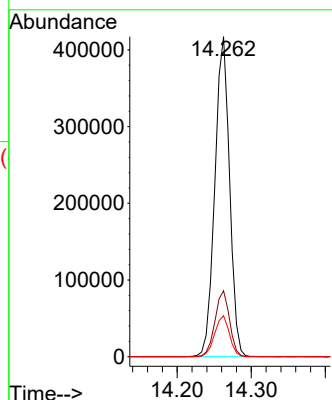
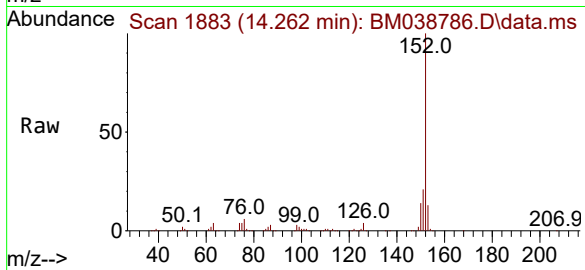
Tgt Ion:152 Resp: 574012

Ion Ratio Lower Upper

152 100

151 20.6 16.1 24.1

153 12.8 10.0 15.0



#50

Dimethylphthalate

Concen: 43.768 ng

RT: 14.004 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

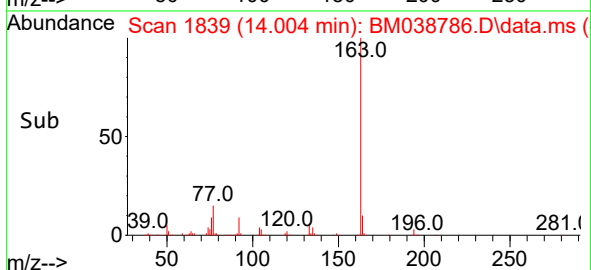
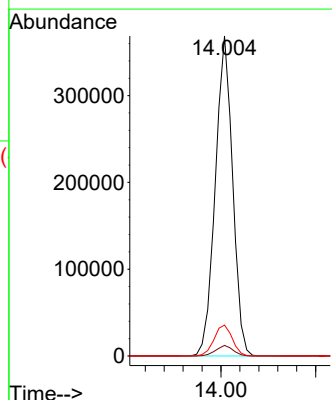
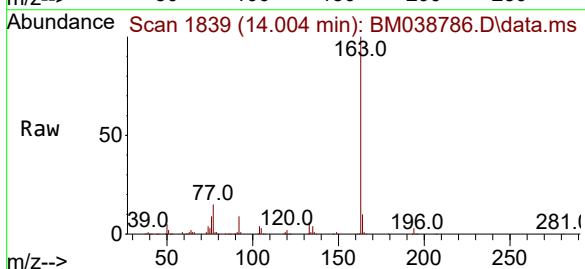
Tgt Ion:163 Resp: 469028

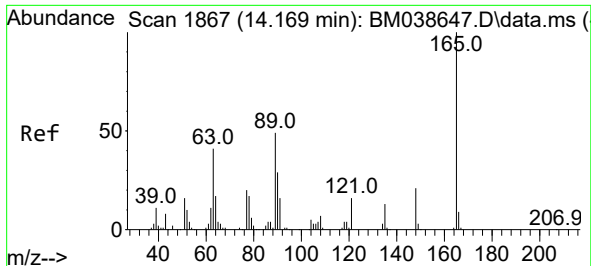
Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

164 9.7 8.2 12.4

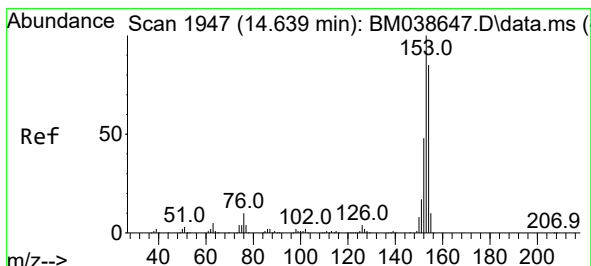
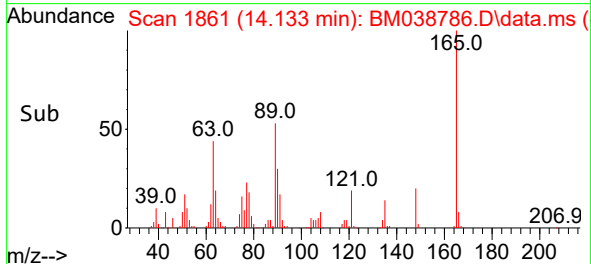
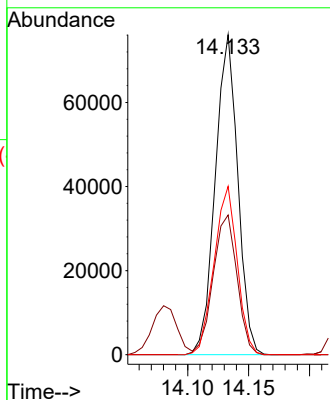
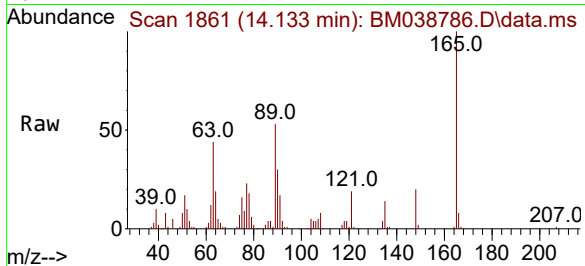




#51
2,6-Dinitrotoluene
Concen: 45.007 ng
RT: 14.133 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

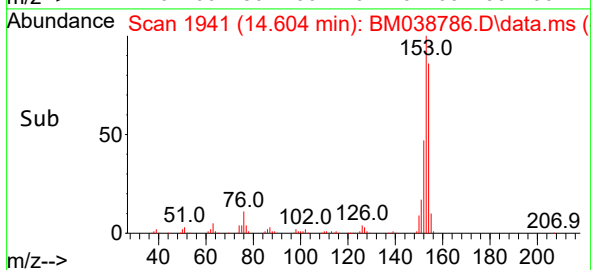
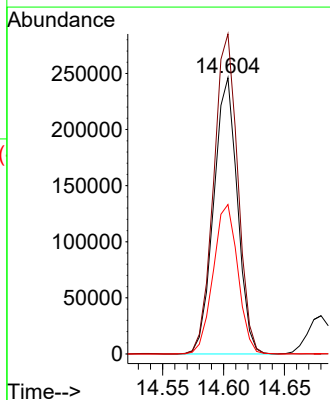
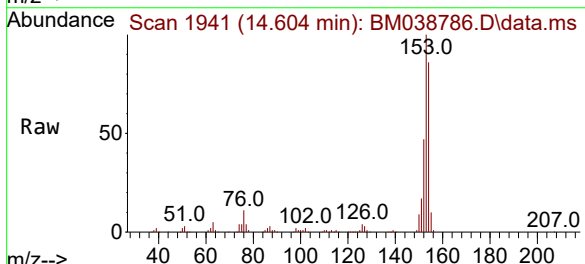
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

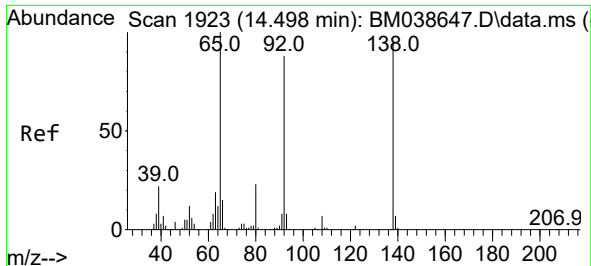
Tgt Ion:165 Resp: 98027
Ion Ratio Lower Upper
165 100
63 43.7 35.8 53.8
89 52.6 39.3 58.9



#52
Acenaphthene
Concen: 43.348 ng
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:154 Resp: 333700
Ion Ratio Lower Upper
154 100
153 115.9 93.7 140.5
152 54.1 44.6 67.0

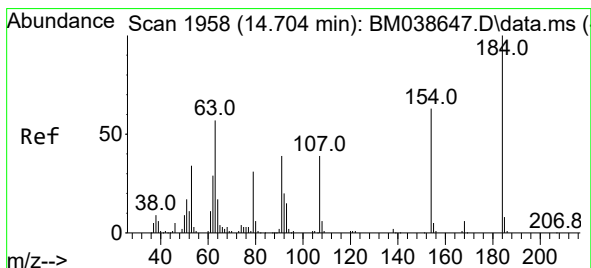
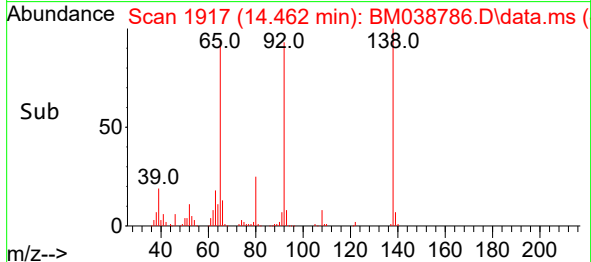
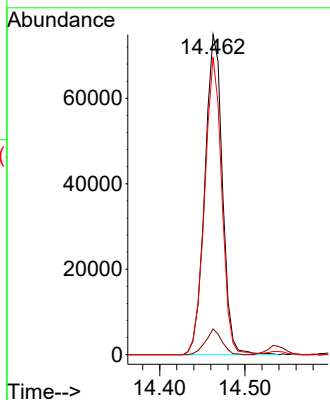
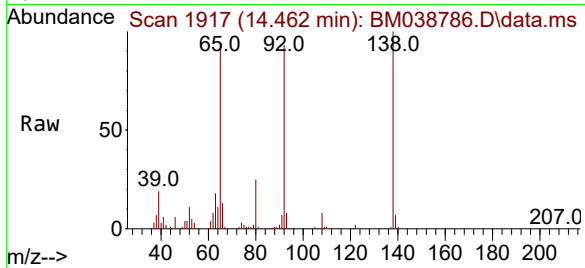




#53
3-Nitroaniline
Concen: 47.052 ng
RT: 14.462 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

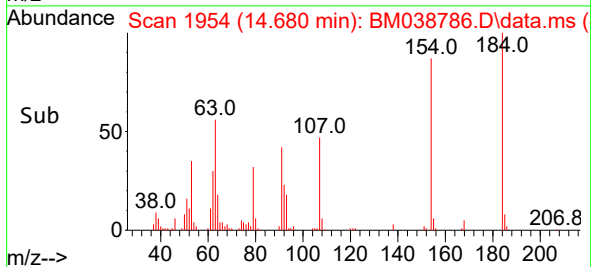
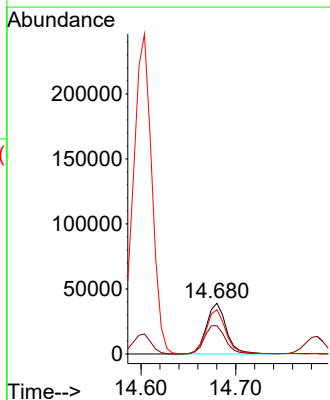
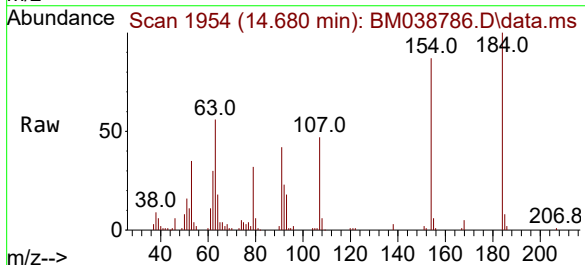
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

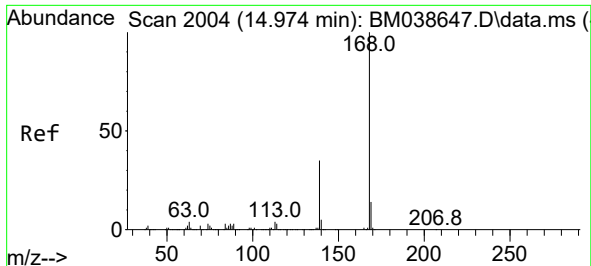
Tgt Ion:138 Resp: 107183
Ion Ratio Lower Upper
138 100
108 8.1 5.8 8.8
92 92.9 73.9 110.9



#54
2,4-Dinitrophenol
Concen: 40.033 ng
RT: 14.680 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:184 Resp: 56755
Ion Ratio Lower Upper
184 100
63 55.6 45.9 68.9
154 87.4 54.9 82.3#

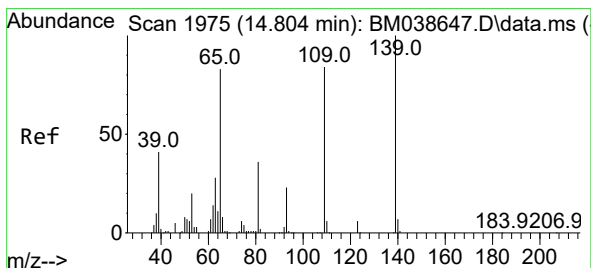
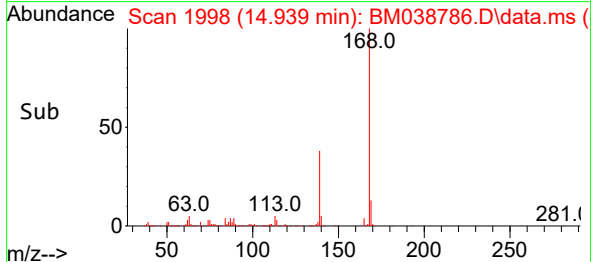
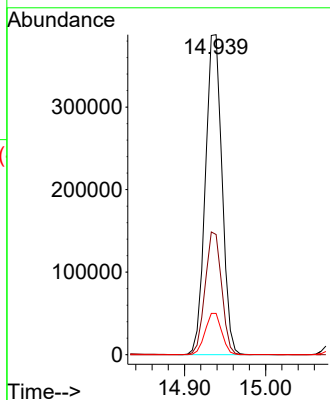
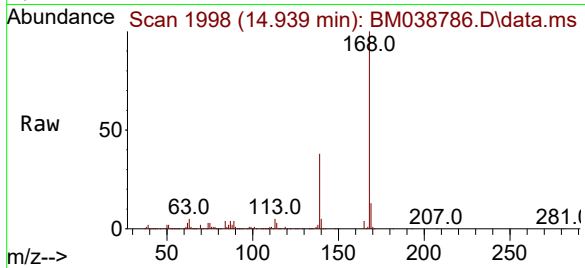




#55
Dibenzenofuran
Concen: 41.496 ng
RT: 14.939 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

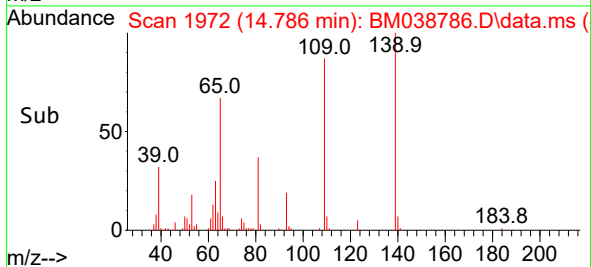
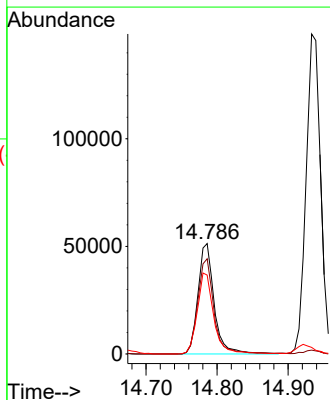
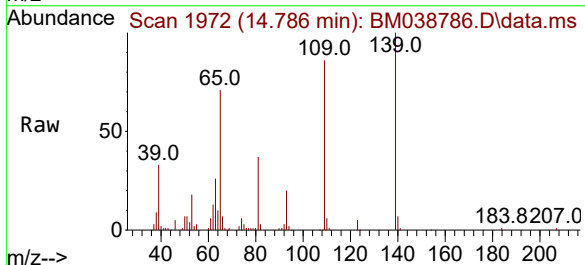
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

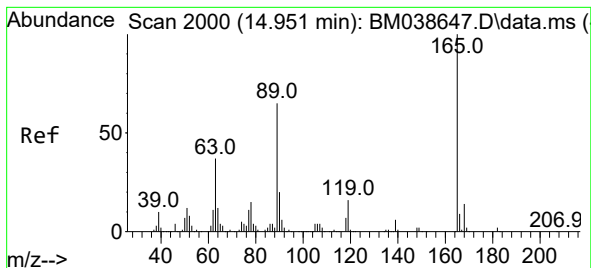
Tgt Ion:168 Resp: 550095
Ion Ratio Lower Upper
168 100
139 37.6 27.8 41.6
169 12.9 10.9 16.3



#56
4-Nitrophenol
Concen: 46.737 ng
RT: 14.786 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:139 Resp: 81643
Ion Ratio Lower Upper
139 100
109 86.2 63.8 103.8
65 71.4 62.5 102.5

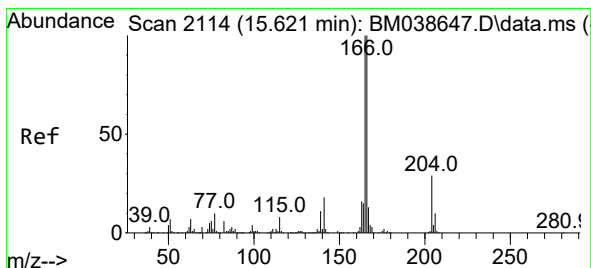
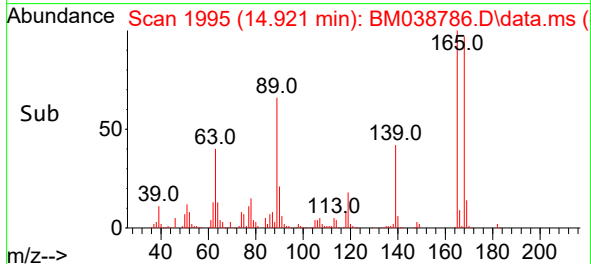
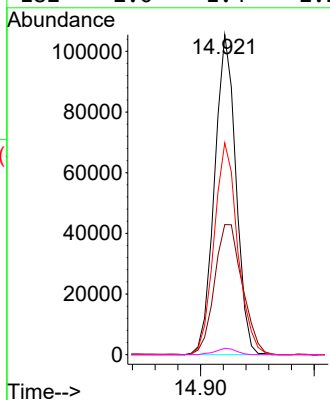
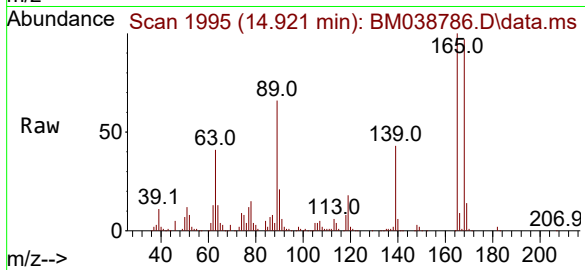




#57
2,4-Dinitrotoluene
Concen: 43.095 ng
RT: 14.921 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

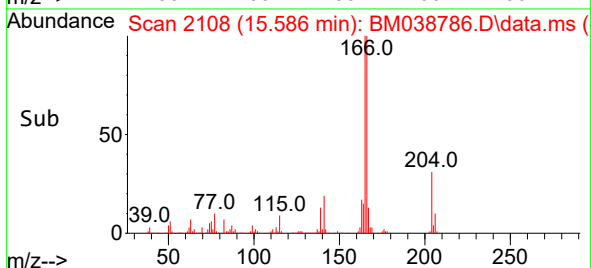
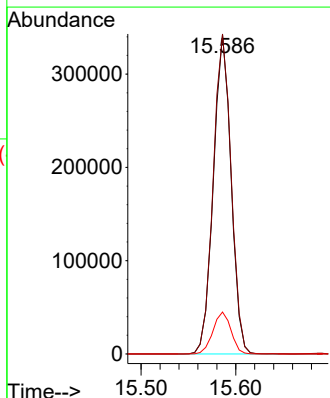
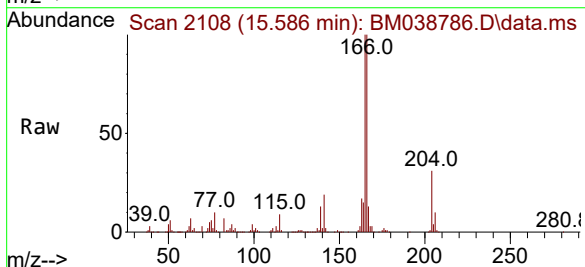
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

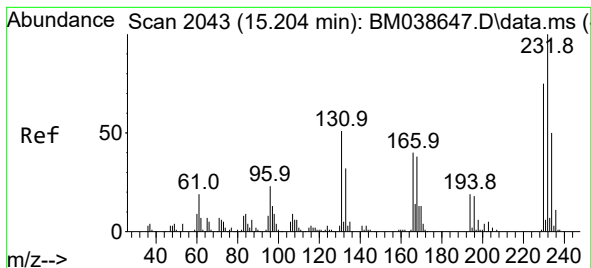
Tgt Ion:165 Resp: 137948
Ion Ratio Lower Upper
165 100
63 40.7 29.4 44.0
89 66.2 51.8 77.6
182 2.0 1.4 2.2



#58
Fluorene
Concen: 42.360 ng
RT: 15.586 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:166 Resp: 444323
Ion Ratio Lower Upper
166 100
165 99.9 80.2 120.4
167 13.1 10.7 16.1

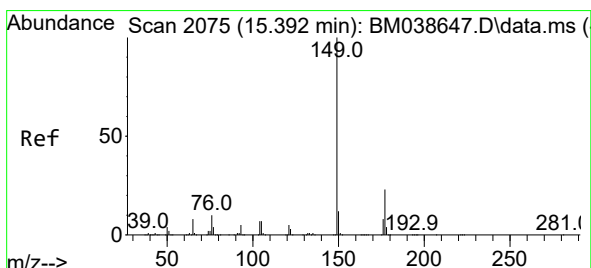
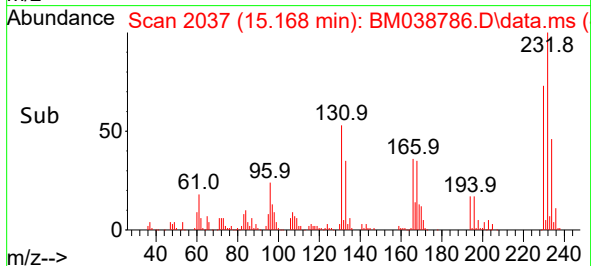
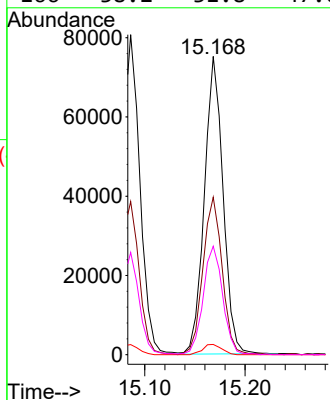
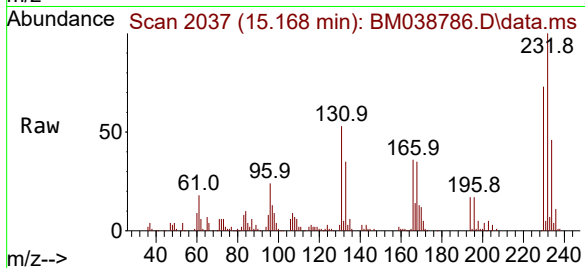




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.345 ng
RT: 15.168 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

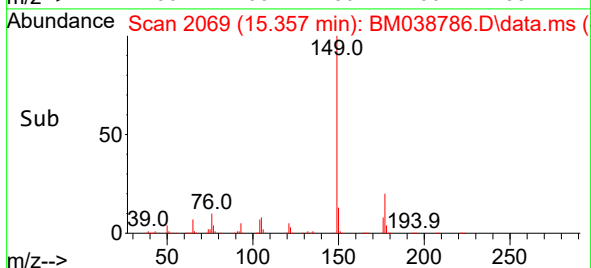
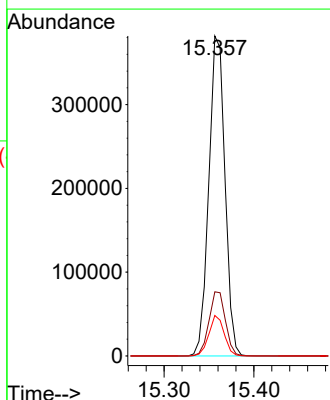
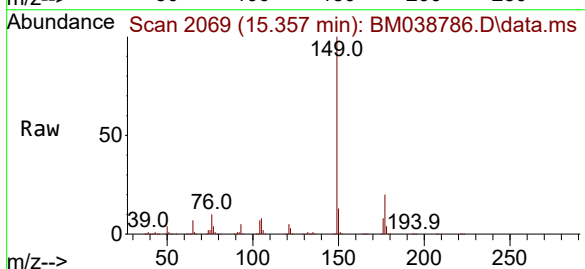
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

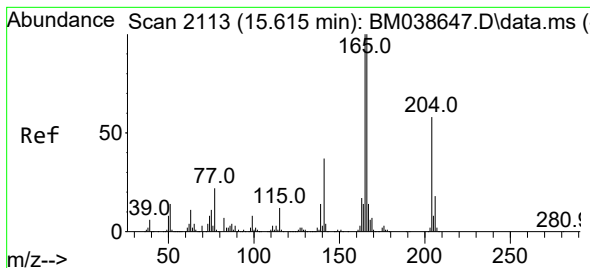
Tgt Ion:232 Resp: 97515
Ion Ratio Lower Upper
232 100
131 55.0 41.2 61.8
130 3.5 2.4 3.6
166 38.2 31.8 47.6



#60
Diethylphthalate
Concen: 47.045 ng
RT: 15.357 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:149 Resp: 477607
Ion Ratio Lower Upper
149 100
177 20.0 18.1 27.1
150 12.7 10.0 15.0

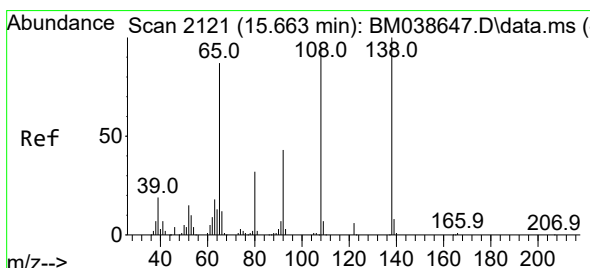
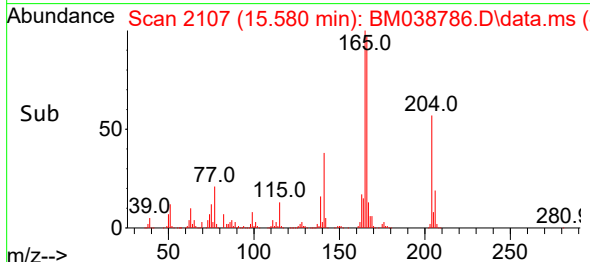
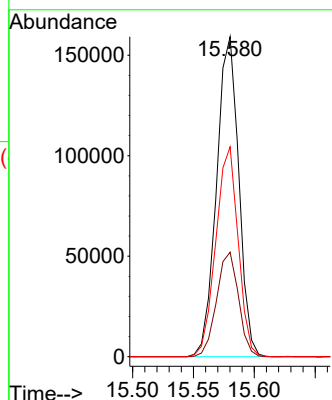
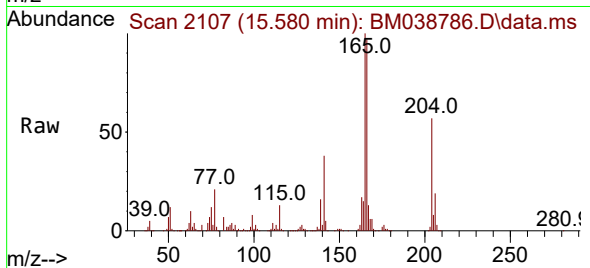




#61
4-Chlorophenyl-phenylether
Concen: 45.423 ng
RT: 15.580 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

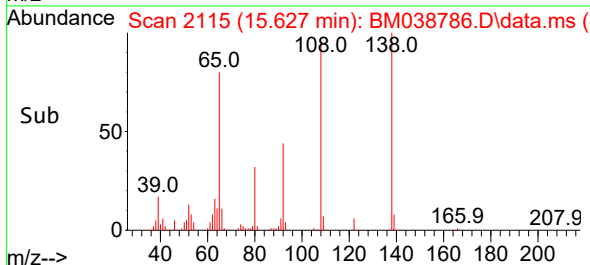
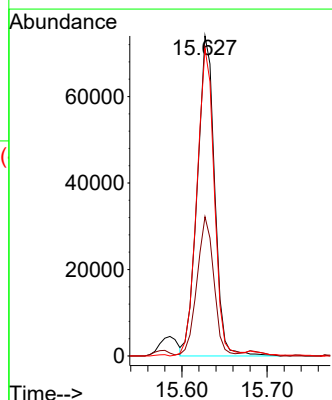
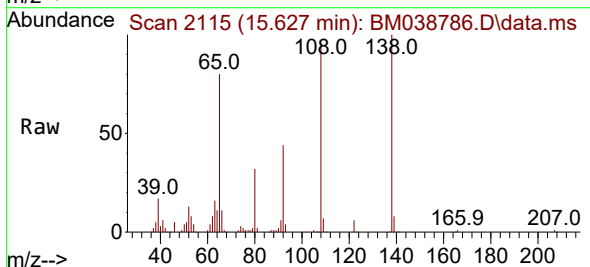
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

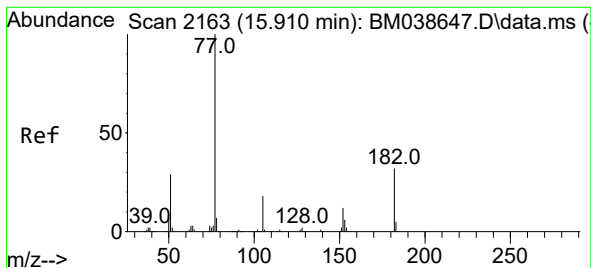
Tgt Ion:204 Resp: 202127
Ion Ratio Lower Upper
204 100
206 32.7 25.3 37.9
141 65.6 51.3 76.9



#62
4-Nitroaniline
Concen: 44.834 ng
RT: 15.627 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:138 Resp: 104618
Ion Ratio Lower Upper
138 100
92 43.5 23.4 63.4
108 96.1 75.1 115.1





#63

Azobenzene

Concen: 45.620 ng

RT: 15.874 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 356327

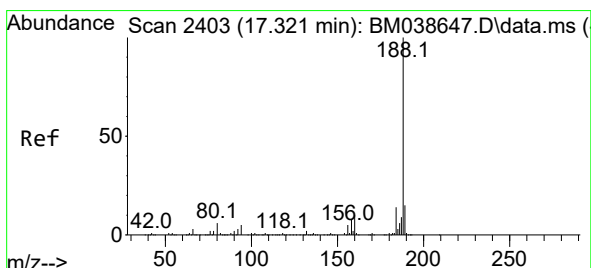
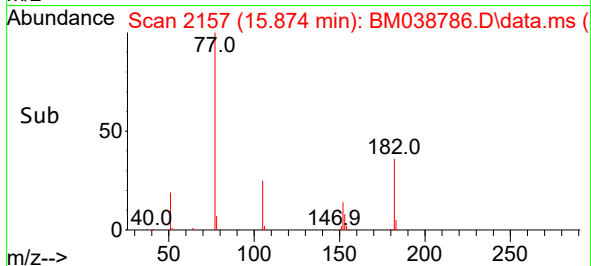
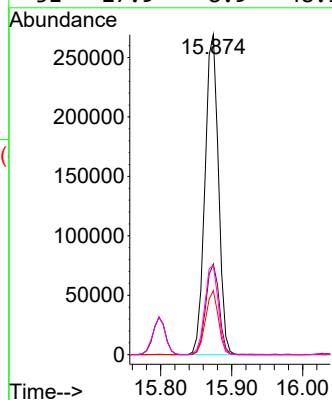
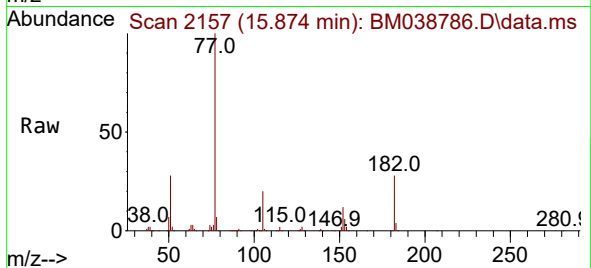
Ion Ratio Lower Upper

77 100

182 28.3 12.0 52.0

105 20.0 0.0 37.5

51 27.9 8.9 48.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 2397

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

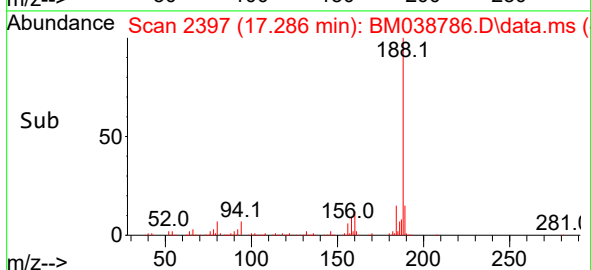
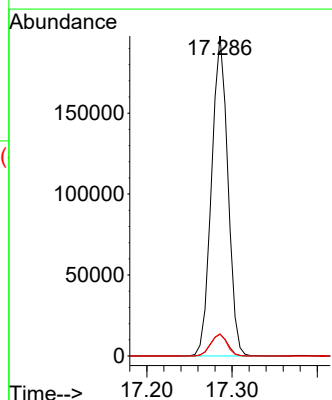
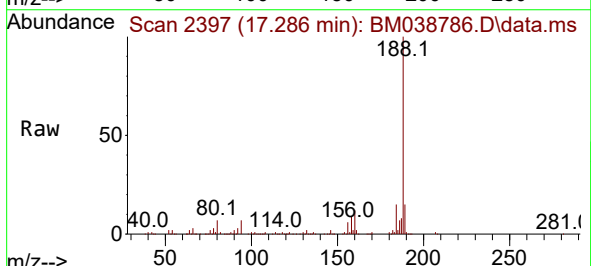
Tgt Ion:188 Resp: 263021

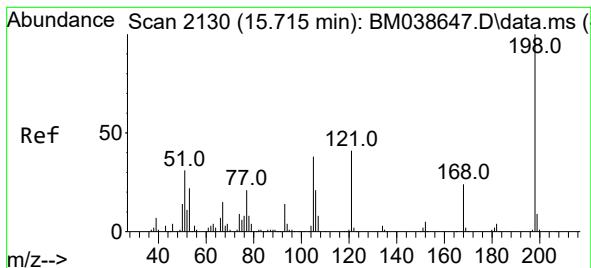
Ion Ratio Lower Upper

188 100

94 6.8 4.2 6.4#

80 6.9 4.6 7.0

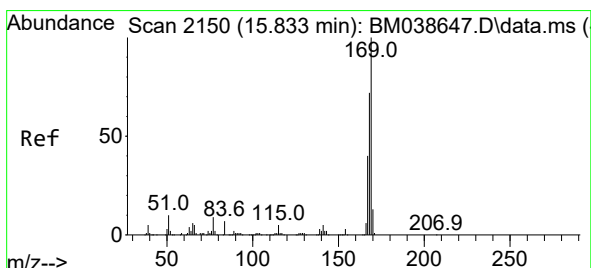
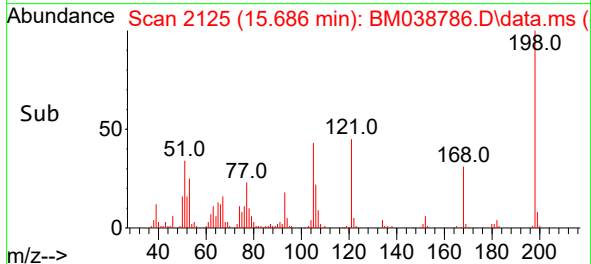
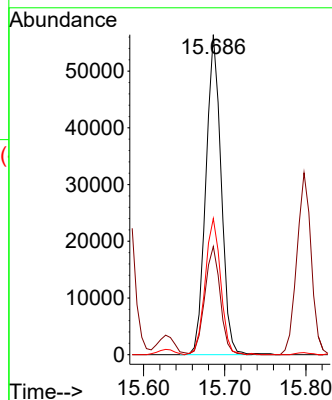
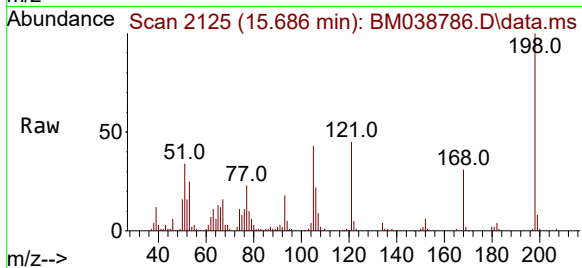




#65
4,6-Dinitro-2-methylphenol
Concen: 44.501 ng
RT: 15.686 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

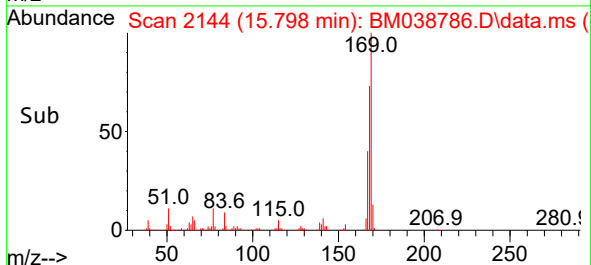
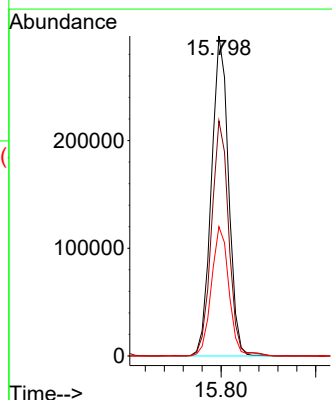
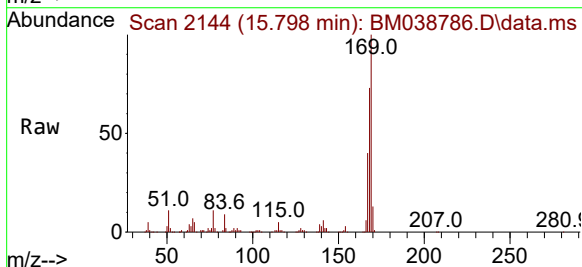
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

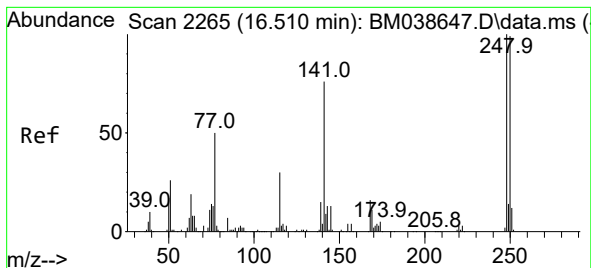
Tgt Ion:198 Resp: 73684
Ion Ratio Lower Upper
198 100
51 33.8 13.0 53.0
105 42.5 17.9 57.9



#66
n-Nitrosodiphenylamine
Concen: 43.333 ng
RT: 15.798 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:169 Resp: 372147
Ion Ratio Lower Upper
169 100
168 73.5 57.6 86.4
167 40.4 32.3 48.5

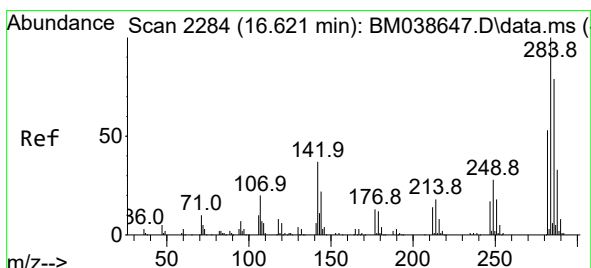
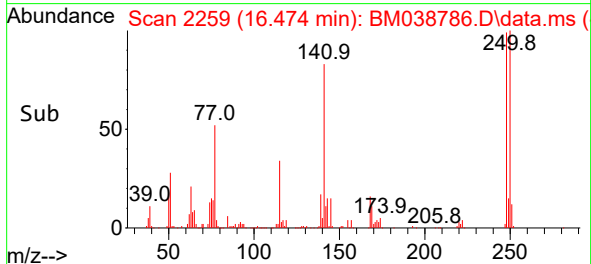
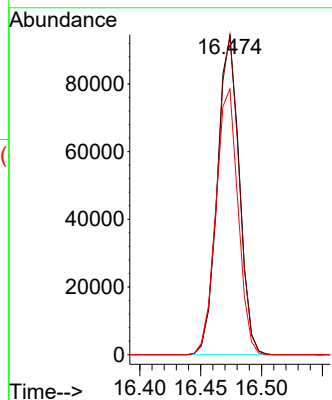
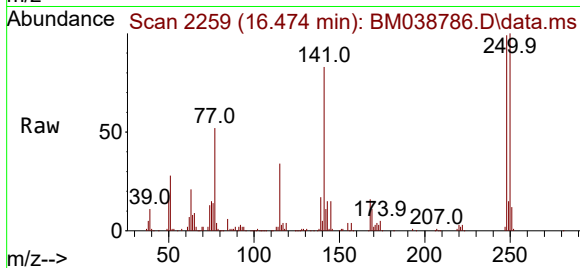




#67
4-Bromophenyl-phenylether
Concen: 46.478 ng
RT: 16.474 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

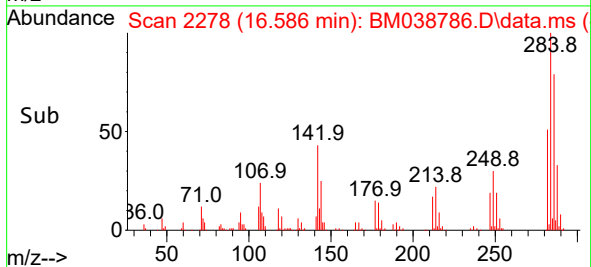
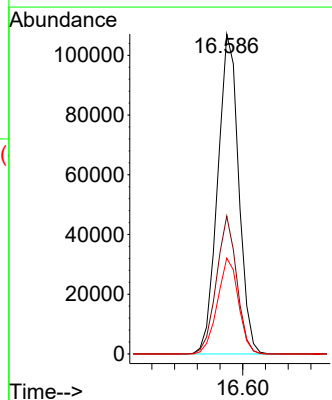
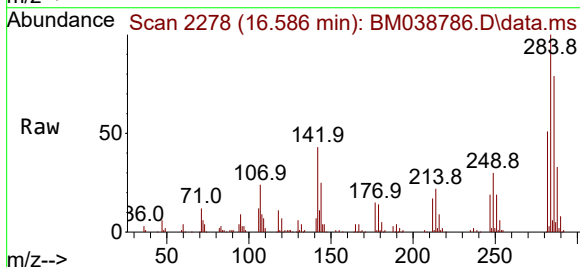
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

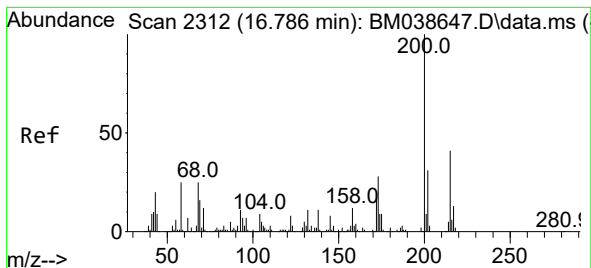
Tgt Ion:248 Resp: 118038
Ion Ratio Lower Upper
248 100
250 100.7 79.4 119.2
141 83.6 61.0 91.6



#68
Hexachlorobenzene
Concen: 44.378 ng
RT: 16.586 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:284 Resp: 137738
Ion Ratio Lower Upper
284 100
142 43.1 29.8 44.6
249 30.0 22.2 33.4





#69

Atrazine

Concen: 46.908 ng

RT: 16.756 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

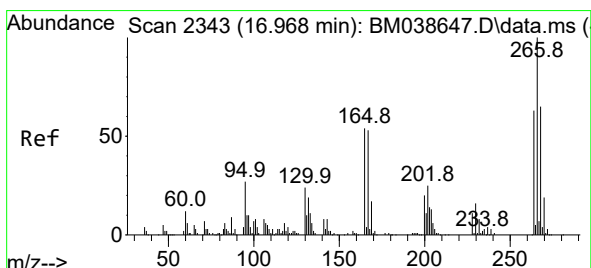
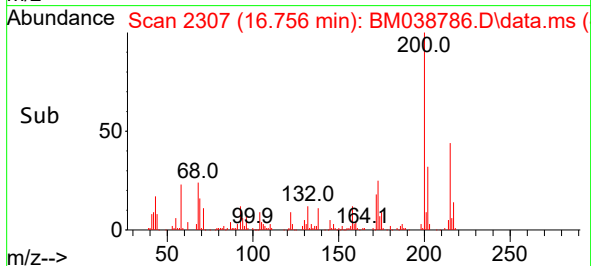
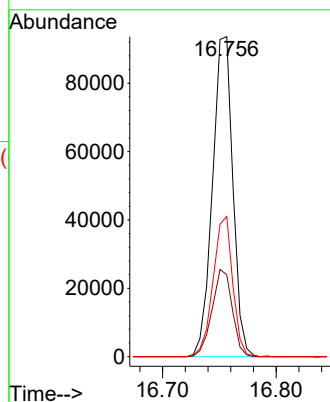
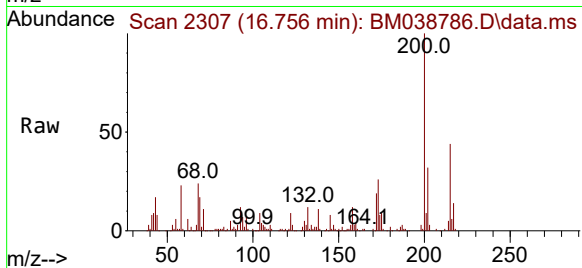
Tgt Ion:200 Resp: 116761

Ion Ratio Lower Upper

200 100

173 25.6 7.9 47.9

215 43.9 20.8 60.8



#70

Pentachlorophenol

Concen: 41.661 ng

RT: 16.939 min Scan# 2338

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

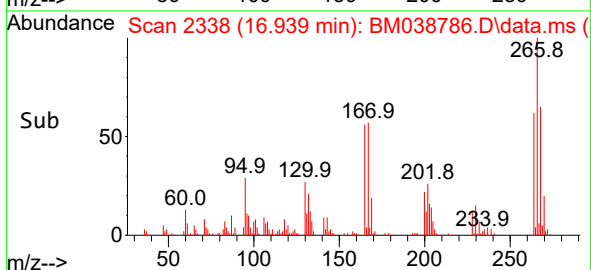
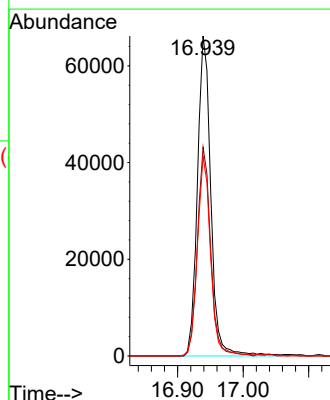
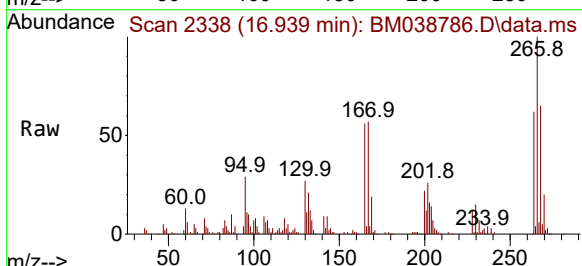
Tgt Ion:266 Resp: 94260

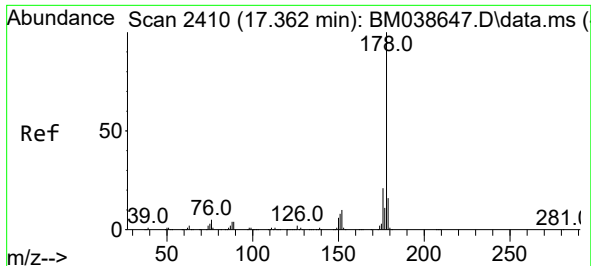
Ion Ratio Lower Upper

266 100

268 65.2 51.8 77.6

264 62.3 50.6 76.0

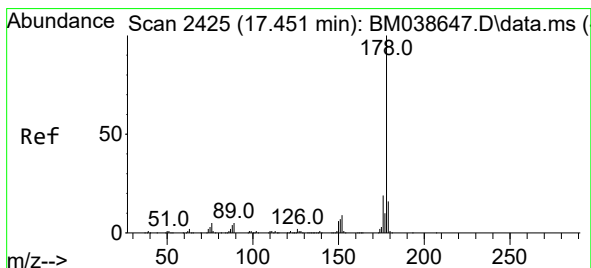
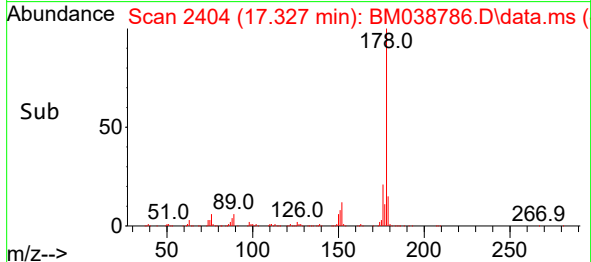
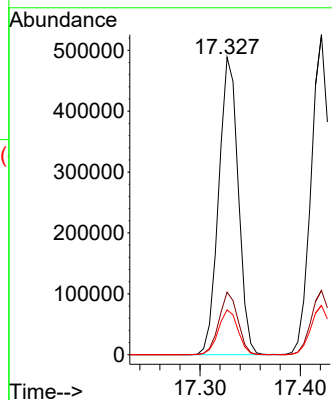
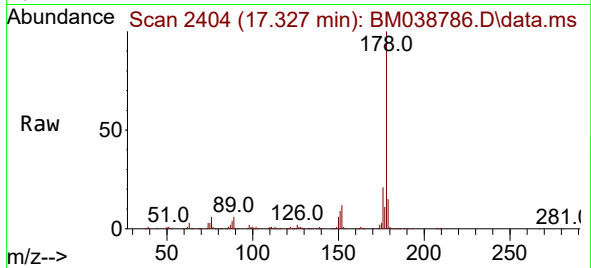




#71
Phenanthrene
Concen: 42.269 ng
RT: 17.327 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

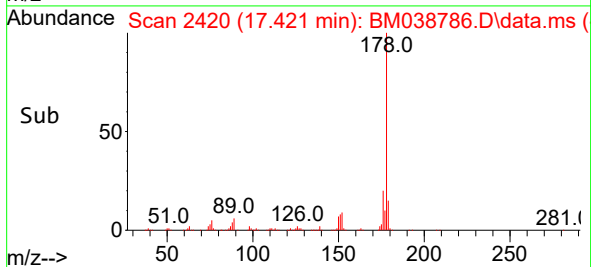
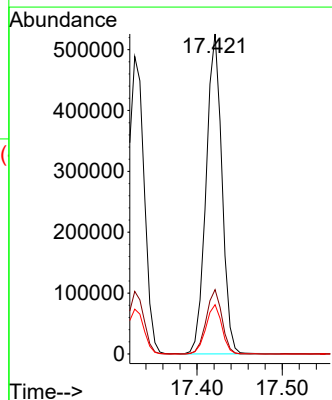
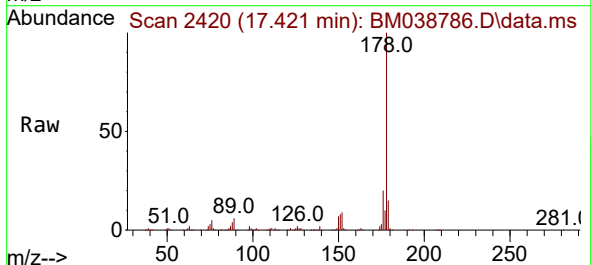
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

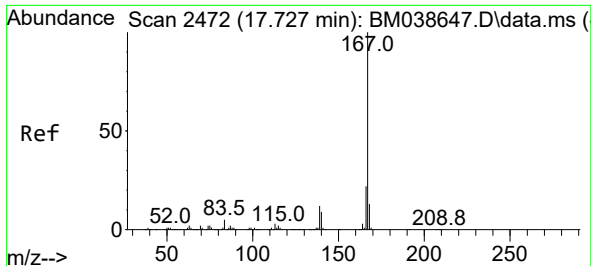
Tgt Ion:178 Resp: 660129
Ion Ratio Lower Upper
178 100
176 21.0 16.7 25.1
179 15.0 12.5 18.7



#72
Anthracene
Concen: 42.445 ng
RT: 17.421 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BM038786.D
Acq: 20 Feb 2023 14:27

Tgt Ion:178 Resp: 678131
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 15.4 12.4 18.6

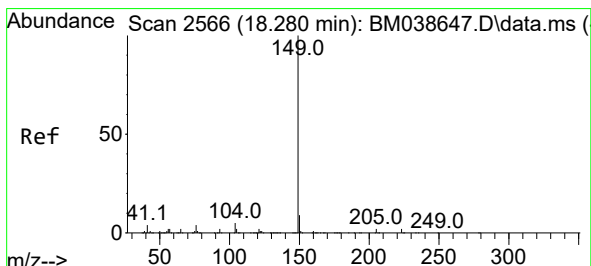
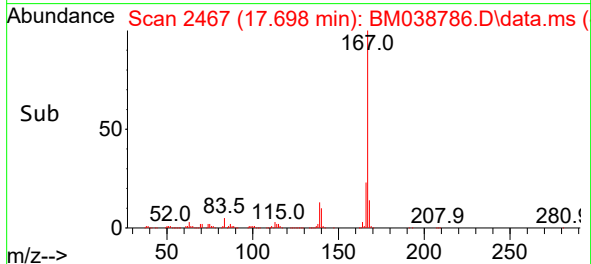
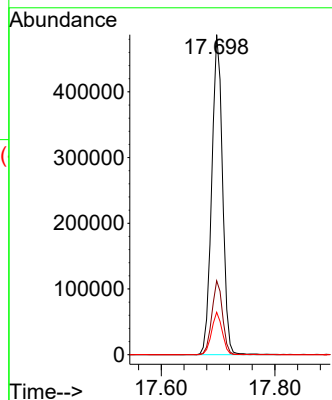
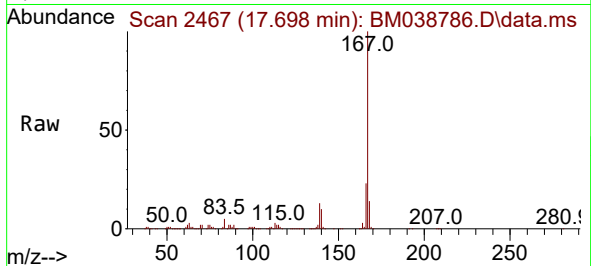




#73
 Carbazole
 Concen: 42.874 ng
 RT: 17.698 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BM038786.D
 Acq: 20 Feb 2023 14:27

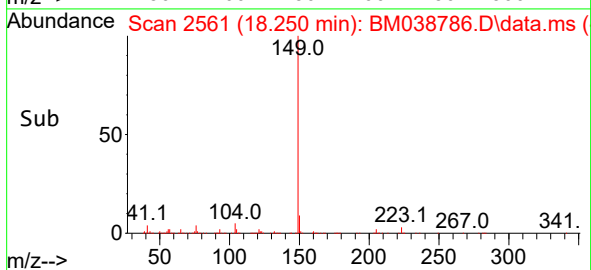
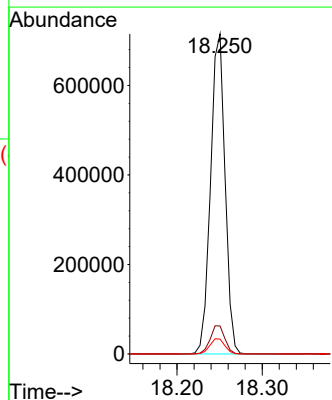
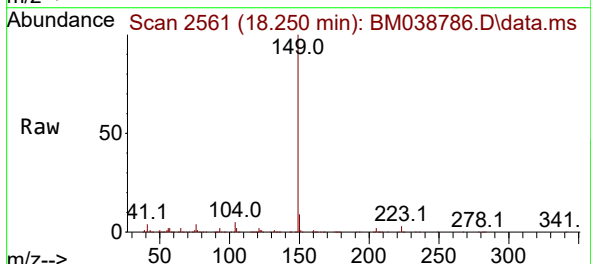
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

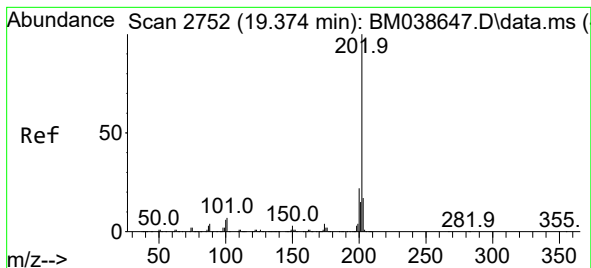
Tgt Ion:167 Resp: 638844
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.8 26.6
 139 13.3 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 50.162 ng
 RT: 18.250 min Scan# 2561
 Delta R.T. 0.000 min
 Lab File: BM038786.D
 Acq: 20 Feb 2023 14:27

Tgt Ion:149 Resp: 844458
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 45.005 ng

RT: 19.345 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

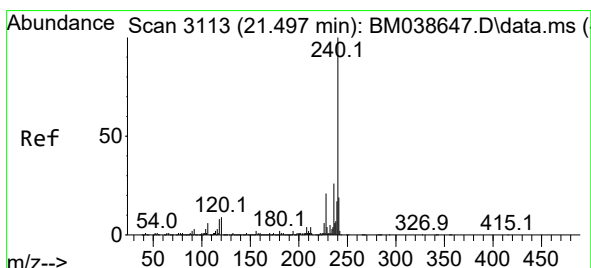
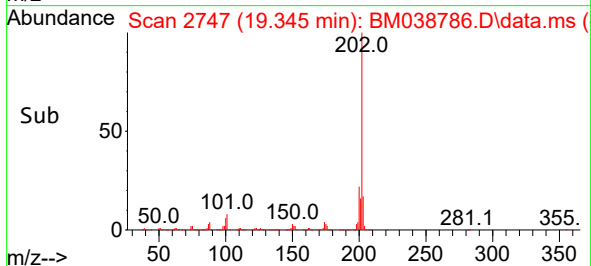
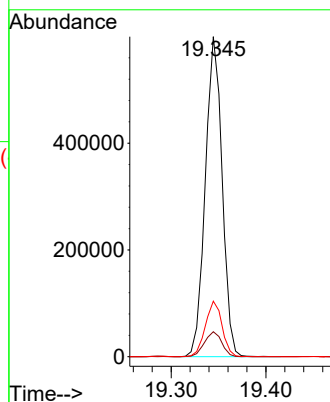
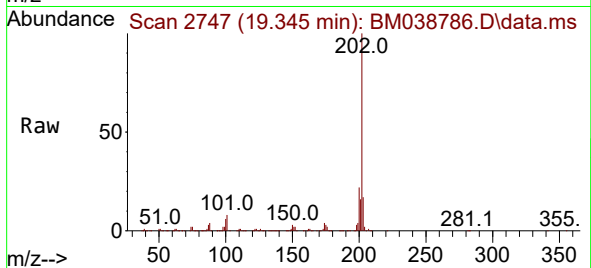
Tgt Ion:202 Resp: 737965

Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.4

203 17.3 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.468 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

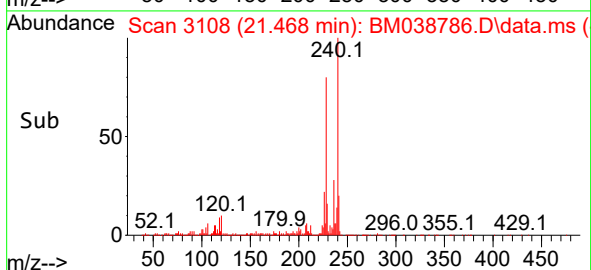
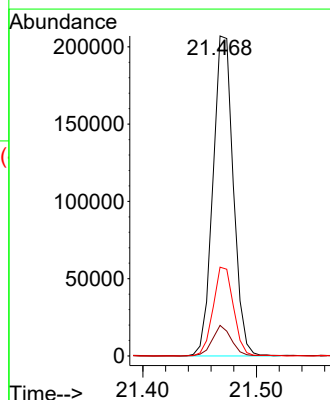
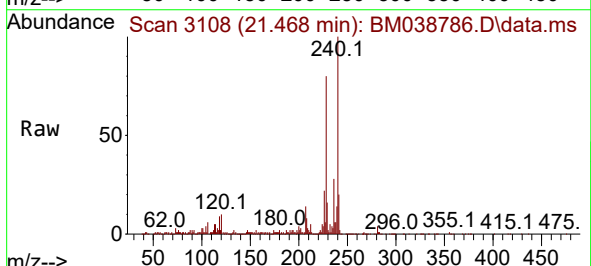
Tgt Ion:240 Resp: 257944

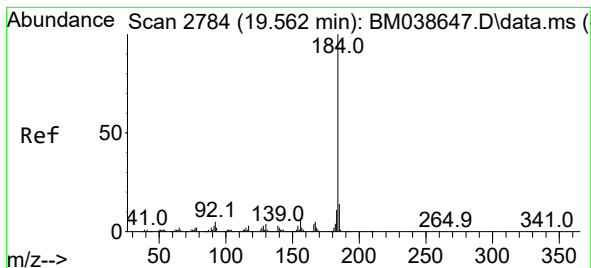
Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.4

236 27.7 20.9 31.3





#77

Benzidine

Concen: 27.706 ng

RT: 19.539 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

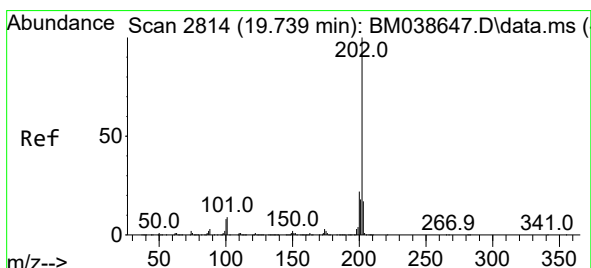
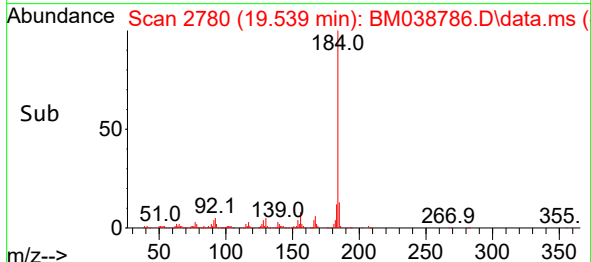
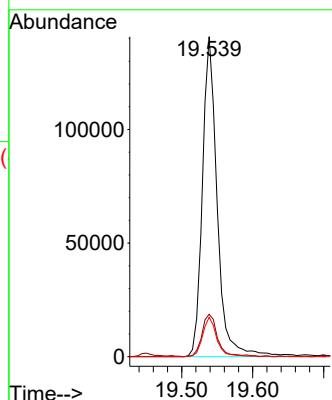
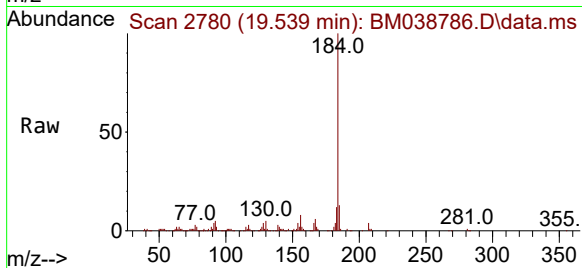
Tgt Ion:184 Resp: 203805

Ion Ratio Lower Upper

184 100

185 13.2 10.8 16.2

183 12.3 8.8 13.2



#78

Pyrene

Concen: 39.245 ng

RT: 19.709 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

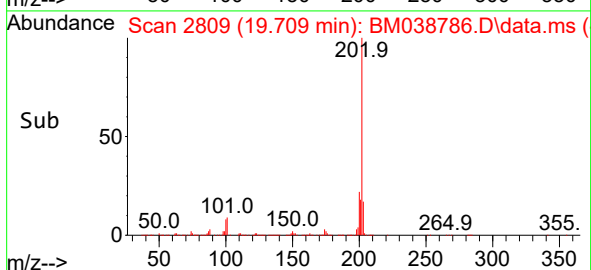
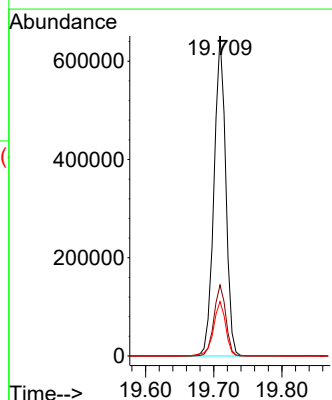
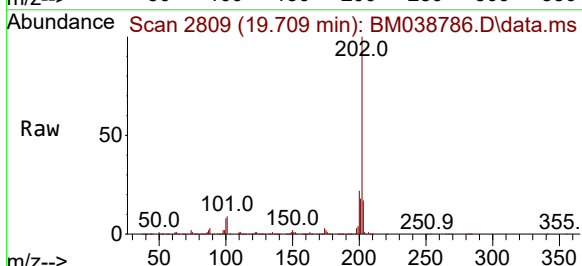
Tgt Ion:202 Resp: 779368

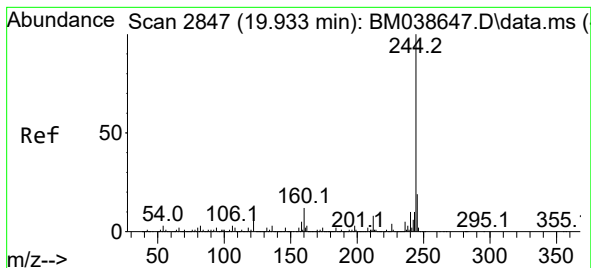
Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.6

203 17.0 13.5 20.3





#79

Terphenyl-d14

Concen: 97.346 ng

RT: 19.909 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

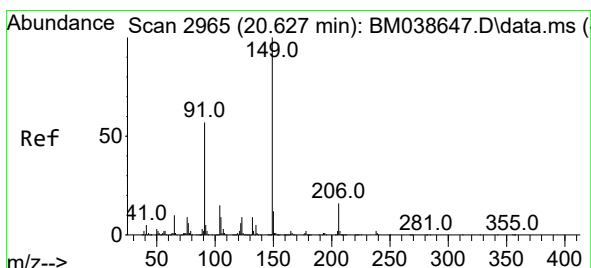
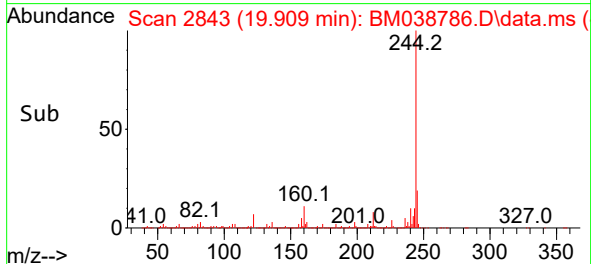
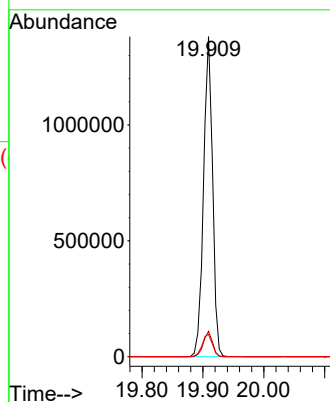
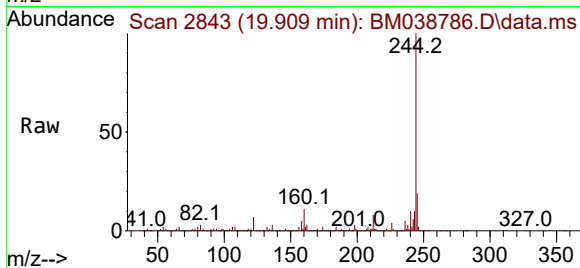
Tgt Ion:244 Resp: 1422914

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

122 6.9 7.8 11.8#



#80

Butylbenzylphthalate

Concen: 40.961 ng

RT: 20.603 min Scan# 2961

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

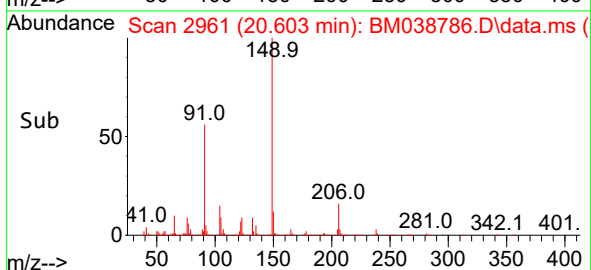
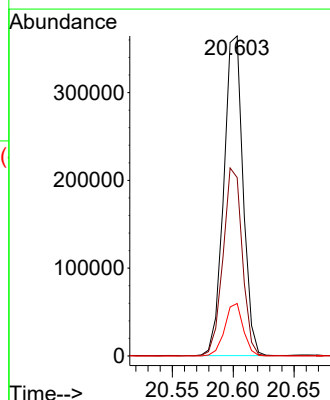
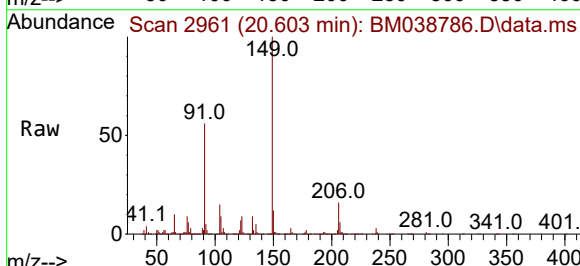
Tgt Ion:149 Resp: 402023

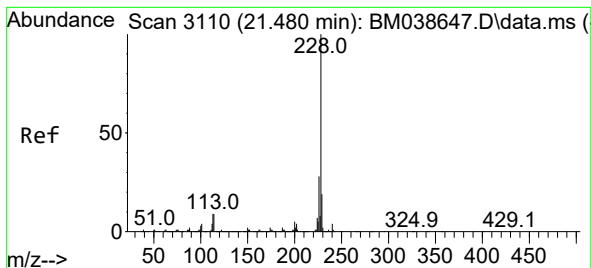
Ion Ratio Lower Upper

149 100

91 55.7 45.6 68.4

206 16.4 12.5 18.7





#81

Benzo(a)anthracene

Concen: 44.528 ng

RT: 21.456 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

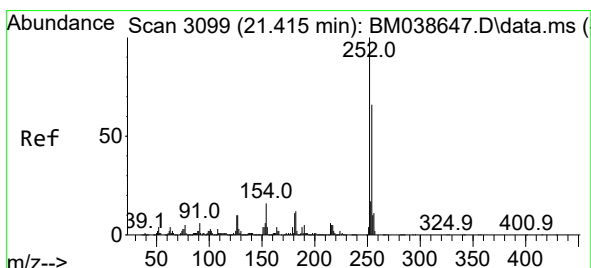
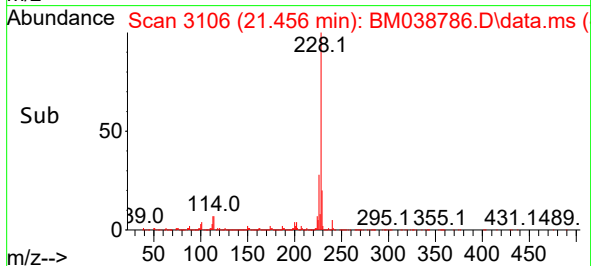
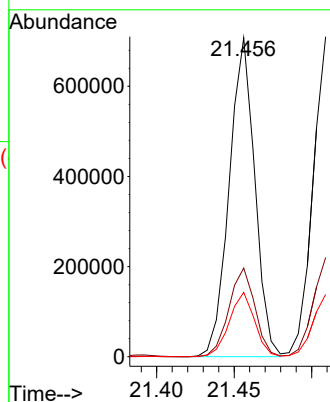
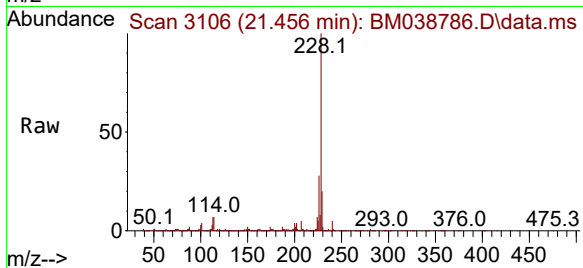
Tgt Ion:228 Resp: 812467

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.4

229 20.2 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 45.633 ng

RT: 21.391 min Scan# 3095

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

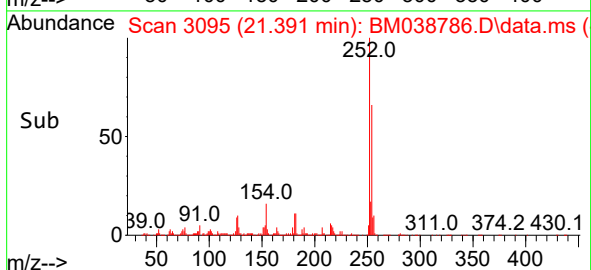
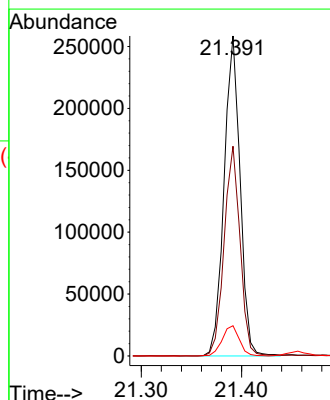
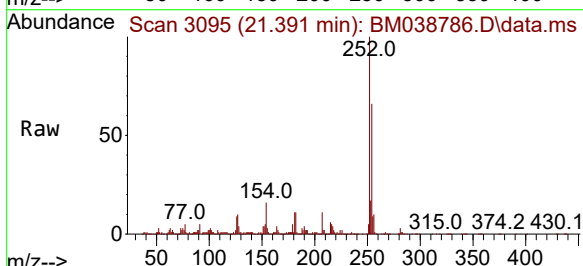
Tgt Ion:252 Resp: 286452

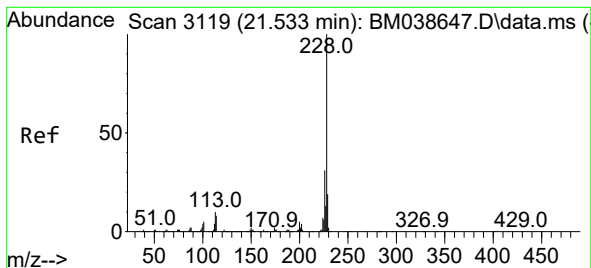
Ion Ratio Lower Upper

252 100

254 65.5 52.8 79.2

126 9.4 8.2 12.2





#83

Chrysene

Concen: 43.646 ng

RT: 21.509 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

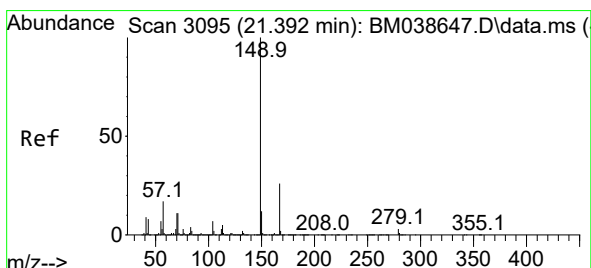
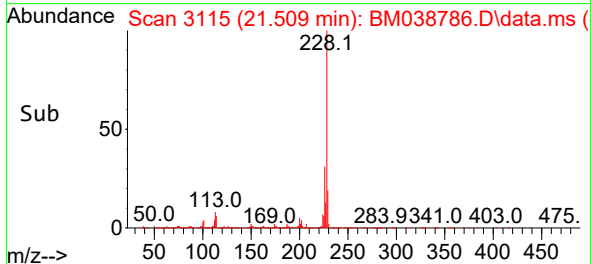
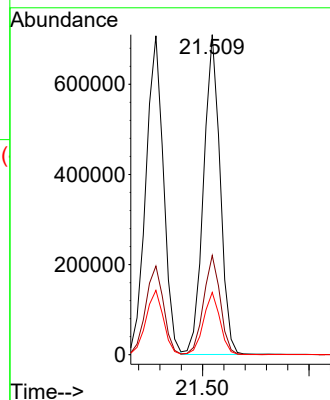
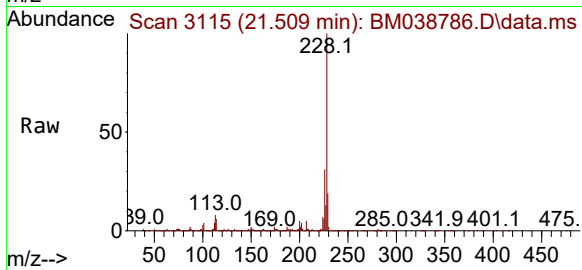
Tgt Ion:228 Resp: 767302

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

229 19.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.233 ng

RT: 21.368 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

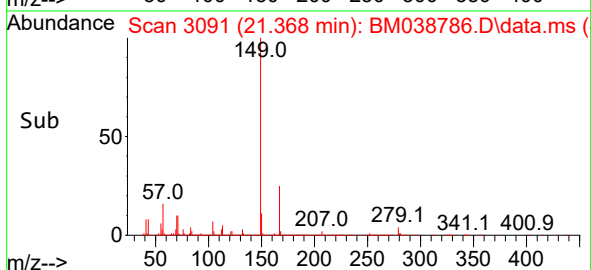
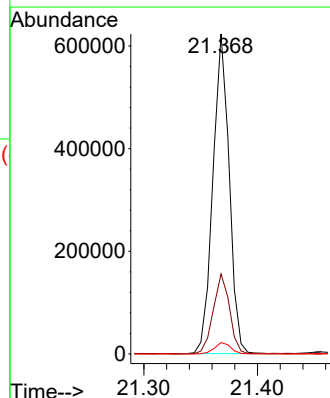
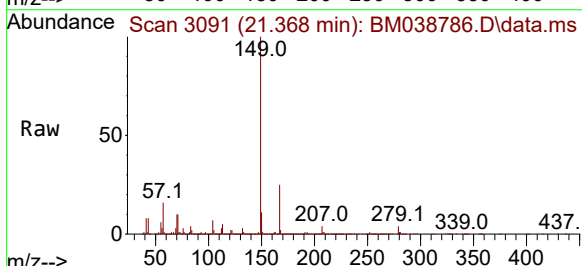
Tgt Ion:149 Resp: 619750

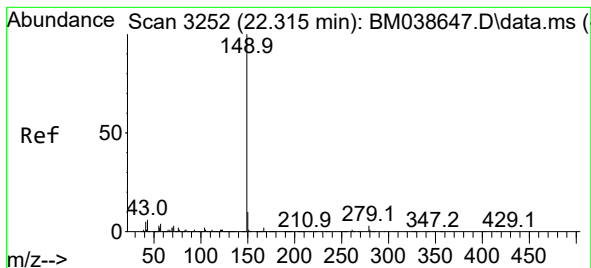
Ion Ratio Lower Upper

149 100

167 25.0 20.8 31.2

279 3.6 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 45.310 ng

RT: 22.285 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

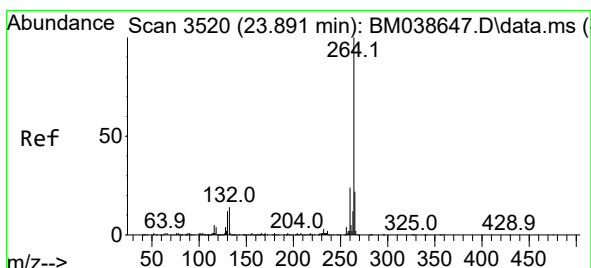
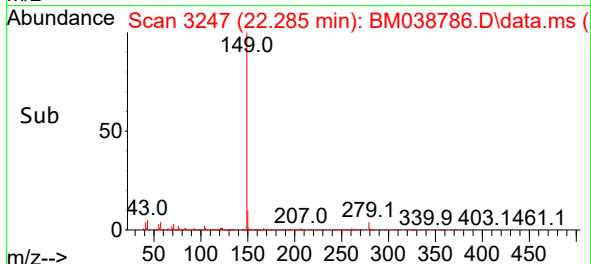
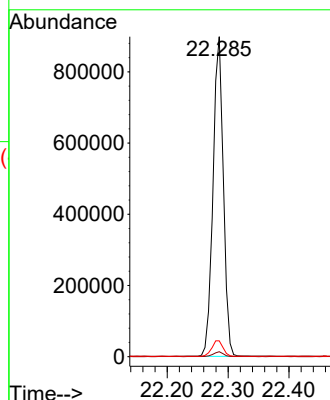
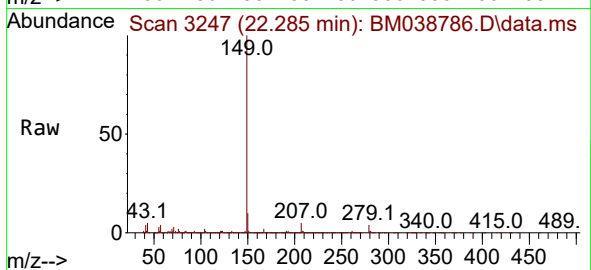
Tgt Ion:149 Resp: 1059162

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 5.2 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.850 min Scan# 3513

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

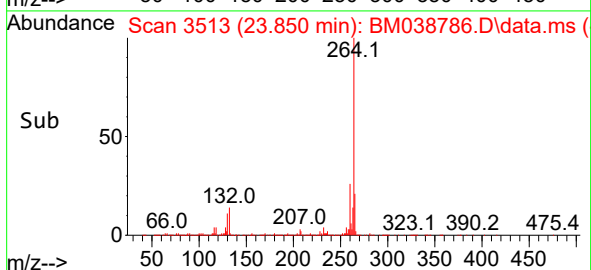
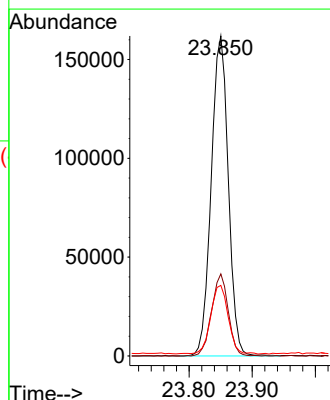
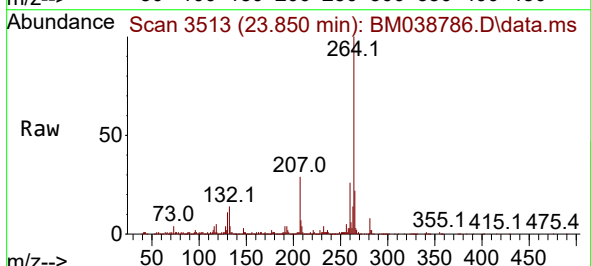
Tgt Ion:264 Resp: 304459

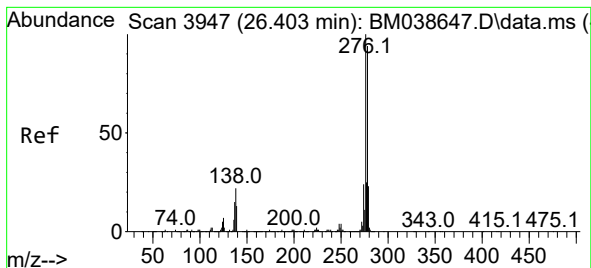
Ion Ratio Lower Upper

264 100

260 25.7 19.6 29.4

265 22.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.346 ng

RT: 26.332 min Scan# 3935

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

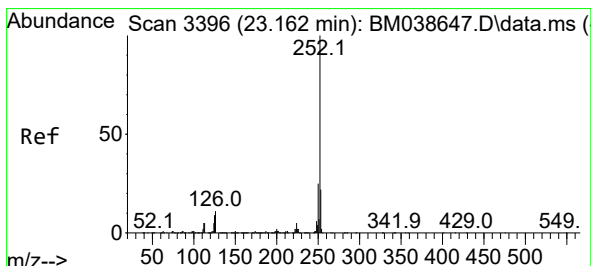
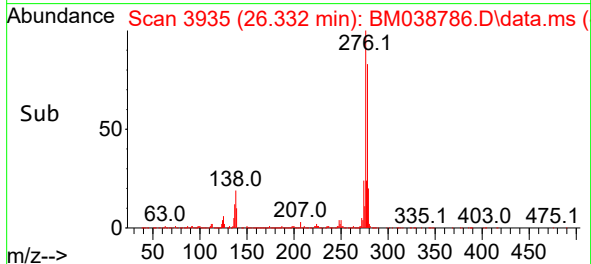
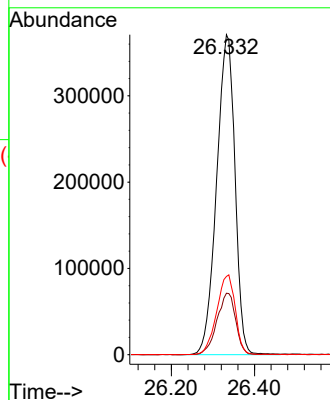
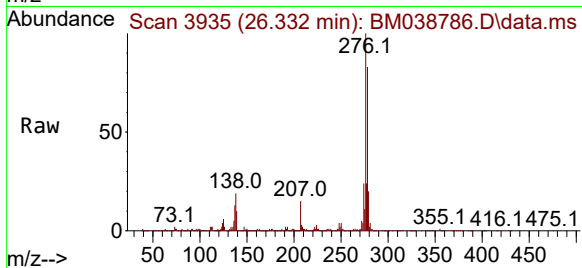
Tgt Ion:276 Resp: 1135417

Ion Ratio Lower Upper

276 100

138 19.6 17.2 25.8

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 46.206 ng

RT: 23.127 min Scan# 3390

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

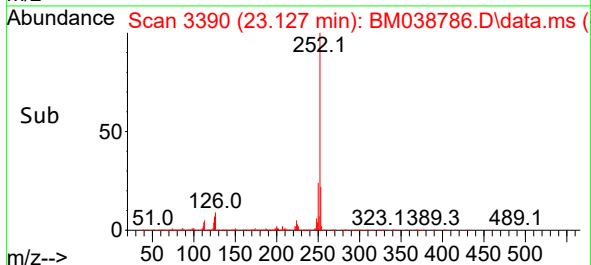
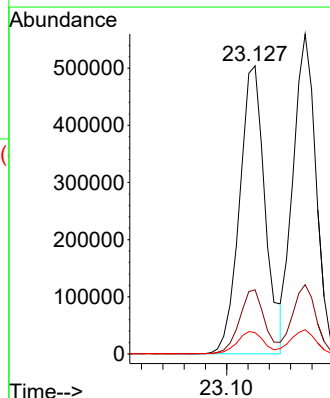
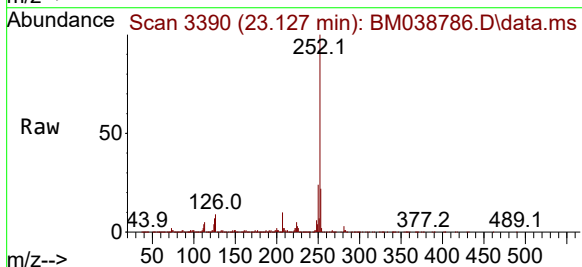
Tgt Ion:252 Resp: 842602

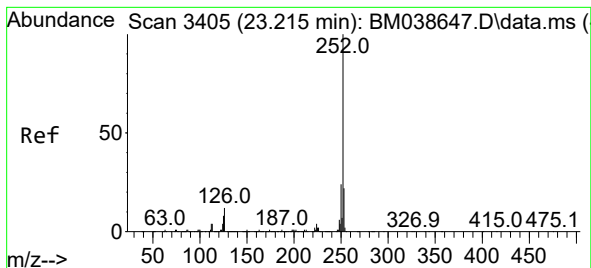
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 7.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 44.906 ng

RT: 23.174 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

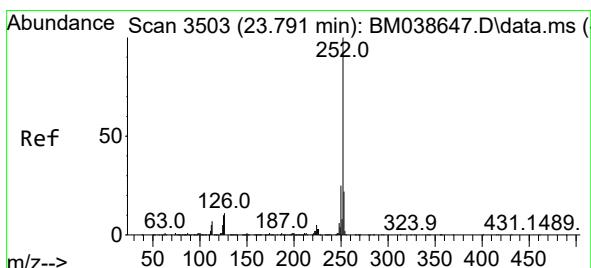
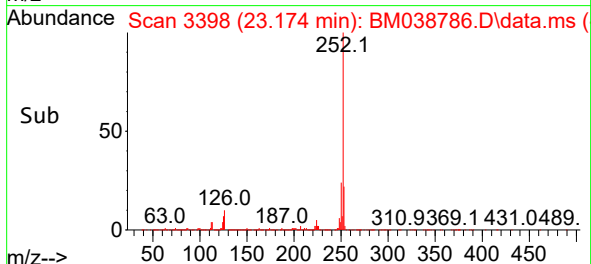
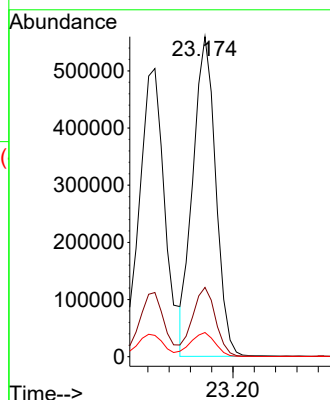
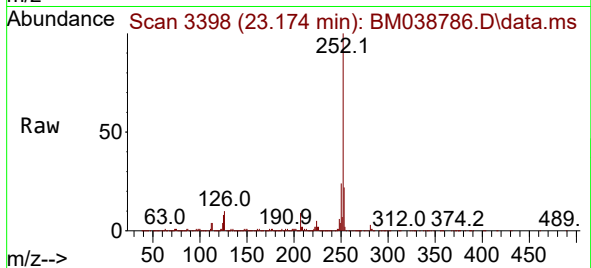
Tgt Ion:252 Resp: 831575

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 7.5 6.6 9.8



#90

Benzo(a)pyrene

Concen: 45.055 ng

RT: 23.744 min Scan# 3495

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

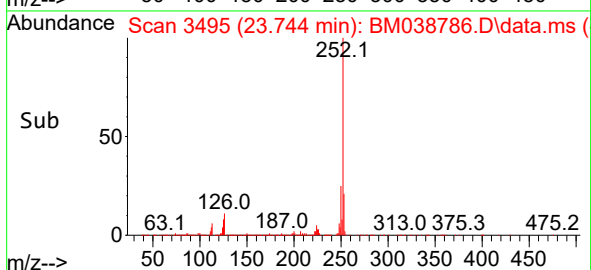
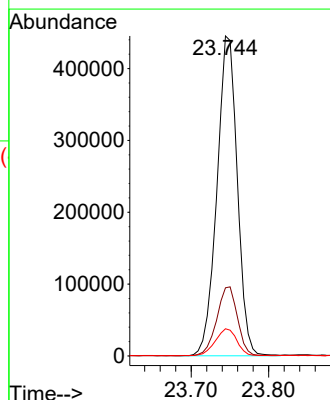
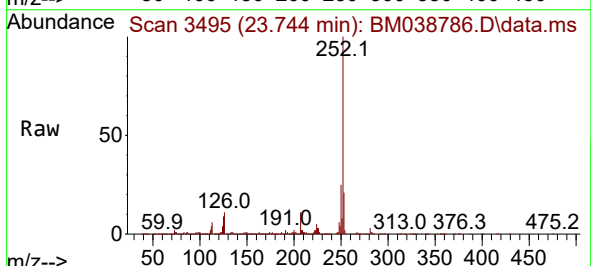
Tgt Ion:252 Resp: 812504

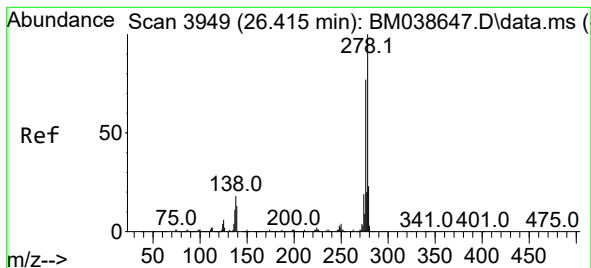
Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

125 8.5 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 47.877 ng

RT: 26.344 min Scan# 3949

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

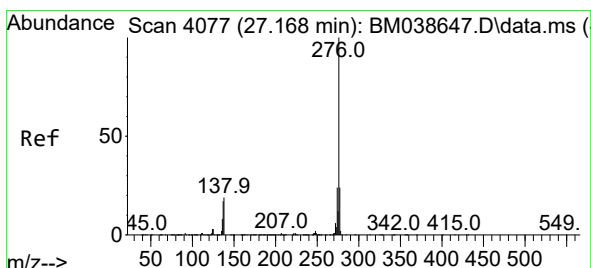
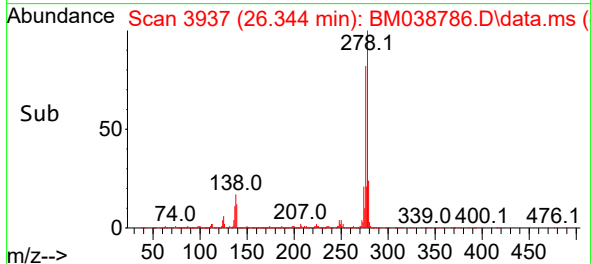
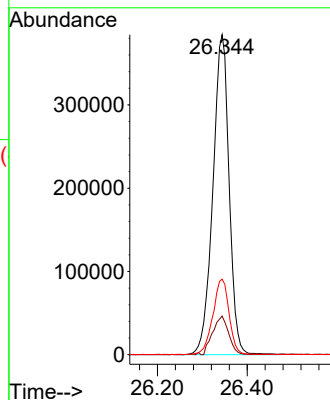
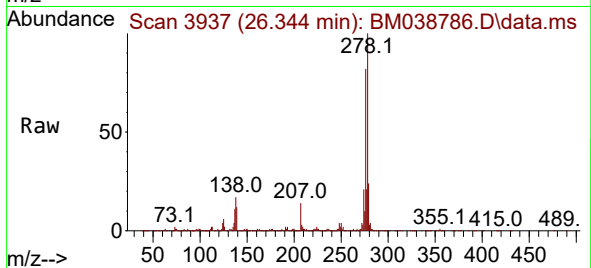
Tgt Ion:278 Resp: 965962

Ion Ratio Lower Upper

278 100

139 12.0 10.5 15.7

279 23.6 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 42.234 ng

RT: 27.097 min Scan# 4065

Delta R.T. 0.000 min

Lab File: BM038786.D

Acq: 20 Feb 2023 14:27

Tgt Ion:276 Resp: 861356

Ion Ratio Lower Upper

276 100

277 23.1 19.1 28.7

138 17.4 15.3 22.9

