

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039137.D
 Acq On : 24 Mar 2023 12:01
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 24 15:05:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 15:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	247101	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	1109848	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	726803	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	1622131	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1605208	20.000	ng	0.00
86) Perylene-d12	23.956	264	1856734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1192817	73.340	ng	0.00
7) Phenol-d6	7.116	99	1729517	81.868	ng	0.00
23) Nitrobenzene-d5	9.122	82	1716836	75.986	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	759426	90.322	ng	0.00
45) 2-Fluorobiphenyl	13.221	172	3857263	69.089	ng	0.00
79) Terphenyl-d14	19.962	244	6307260	71.840	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	250052	34.559	ng	100
3) Pyridine	3.781	79	772948	38.518	ng	99
4) n-Nitrosodimethylamine	3.693	42	288062	35.276	ng	94
6) Aniline	7.281	93	1135811	40.948	ng	99
8) 2-Chlorophenol	7.516	128	684788	39.548	ng	98
9) Benzaldehyde	7.087	77	375909	37.393	ng	97
10) Phenol	7.145	94	904556	40.320	ng	97
11) bis(2-Chloroethyl)ether	7.375	93	714801	39.189	ng	99
12) 1,3-Dichlorobenzene	7.839	146	686049	37.282	ng	98
13) 1,4-Dichlorobenzene	7.987	146	701388	37.478	ng	99
14) 1,2-Dichlorobenzene	8.310	146	688115	38.171	ng	99
15) Benzyl Alcohol	8.198	79	677814	44.764	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.492	45	929213	40.338	ng	99
17) 2-Methylphenol	8.404	107	662710	43.002	ng	99
18) Hexachloroethane	9.039	117	265321	38.425	ng	96
19) n-Nitroso-di-n-propyla...	8.769	70	633592	47.616	ng	99
20) 3+4-Methylphenols	8.734	107	929323	45.162	ng	99
22) Acetophenone	8.786	105	1173065	37.673	ng	# 98
24) Nitrobenzene	9.169	77	889144	37.441	ng	97
25) Isophorone	9.698	82	1804016	43.389	ng	100
26) 2-Nitrophenol	9.880	139	430053	41.448	ng	93
27) 2,4-Dimethylphenol	9.939	122	720618	39.777	ng	99
28) bis(2-Chloroethoxy)met...	10.175	93	1034572	38.726	ng	99
29) 2,4-Dichlorophenol	10.416	162	702272	40.887	ng	99
30) 1,2,4-Trichlorobenzene	10.628	180	681537	36.311	ng	99
31) Naphthalene	10.816	128	2345971	37.070	ng	100
32) Benzoic acid	10.092	122	635741	47.848	ng	99
33) 4-Chloroaniline	10.927	127	1124195	41.683	ng	100
34) Hexachlorobutadiene	11.098	225	392854	36.499	ng	99
35) Caprolactam	11.739	113	313026	59.880	ng	97
36) 4-Chloro-3-methylphenol	12.057	107	839793	45.916	ng	100
37) 2-Methylnaphthalene	12.427	142	1734587	40.894	ng	99
38) 1-Methylnaphthalene	12.645	142	1628476	40.967	ng	100
40) 1,2,4,5-Tetrachloroben...	12.792	216	795738	33.678	ng	100
41) Hexachlorocyclopentadiene	12.769	237	569969	43.946	ng	98
43) 2,4,6-Trichlorophenol	13.033	196	597882	39.076	ng	99

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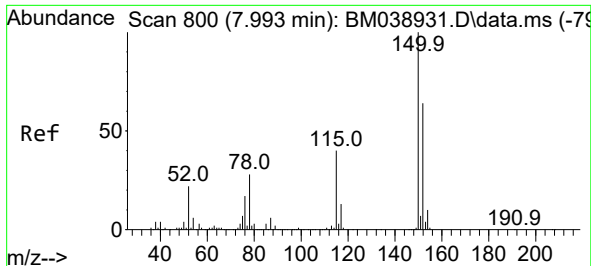
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	706052	39.424	ng	97
46) 1,1'-Biphenyl	13.433	154	2173339	35.297	ng	100
47) 2-Chloronaphthalene	13.474	162	1655522	35.656	ng	99
48) 2-Nitroaniline	13.680	65	618509	41.902	ng	97
49) Acenaphthylene	14.321	152	2814914	38.062	ng	100
50) Dimethylphthalate	14.063	163	2286383	40.882	ng	100
51) 2,6-Dinitrotoluene	14.180	165	507240	41.225	ng	96
52) Acenaphthene	14.663	154	1673461	36.819	ng	99
53) 3-Nitroaniline	14.510	138	611751	42.498	ng	96
54) 2,4-Dinitrophenol	14.715	184	364936	53.194	ng	90
55) Dibenzofuran	14.998	168	2680382	37.686	ng	99
56) 4-Nitrophenol	14.815	139	504703	45.439	ng	98
57) 2,4-Dinitrotoluene	14.963	165	716322	44.180	ng	98
58) Fluorene	15.645	166	2187626	39.265	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	591680	42.838	ng	97
60) Diethylphthalate	15.415	149	2355207	43.280	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	1067402	38.998	ng	98
62) 4-Nitroaniline	15.674	138	659178	44.907	ng	95
63) Azobenzene	15.933	77	2376742	41.278	ng	96
65) 4,6-Dinitro-2-methylph...	15.727	198	451048	42.914	ng	93
66) n-Nitrosodiphenylamine	15.857	169	1987585	36.346	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	658760	37.599	ng	99
68) Hexachlorobenzene	16.645	284	713389	36.423	ng	98
69) Atrazine	16.809	200	642768	43.032	ng	98
70) Pentachlorophenol	16.992	266	577901	40.116	ng	99
71) Phenanthrene	17.386	178	3490583	36.664	ng	100
72) Anthracene	17.474	178	3610943	38.033	ng	99
73) Carbazole	17.751	167	3453355	39.854	ng	100
74) Di-n-butylphthalate	18.309	149	4312954	41.078	ng	99
75) Fluoranthene	19.398	202	4173191	41.516	ng	98
77) Benzidine	19.586	184	1202099	34.392	ng	98
78) Pyrene	19.762	202	4377186	36.306	ng	100
80) Butylbenzylphthalate	20.656	149	2142391	42.220	ng	97
81) Benzo(a)anthracene	21.509	228	4497478	38.906	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	1540210	43.352	ng	100
83) Chrysene	21.562	228	4208438	37.432	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	3123382	42.442	ng	98
85) Di-n-octyl phthalate	22.368	149	5502101	44.990	ng	98
87) Indeno(1,2,3-cd)pyrene	26.491	276	4945567	35.004	ng	100
88) Benzo(b)fluoranthene	23.215	252	4407129	37.153	ng	99
89) Benzo(k)fluoranthene	23.268	252	4407151	35.700	ng	99
90) Benzo(a)pyrene	23.850	252	4310598	37.758	ng	99
91) Dibenzo(a,h)anthracene	26.509	278	4153828	34.716	ng	99
92) Benzo(g,h,i)perylene	27.273	276	3997726	34.151	ng	100

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

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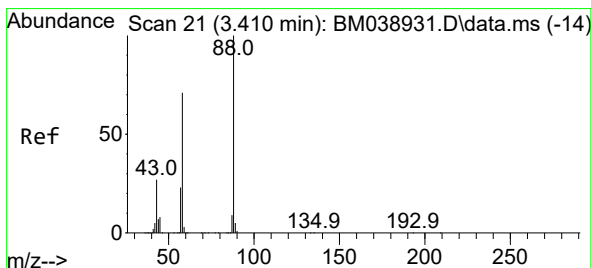
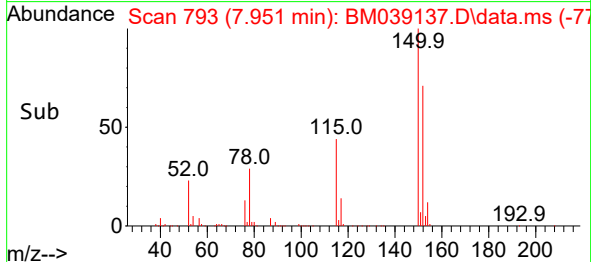
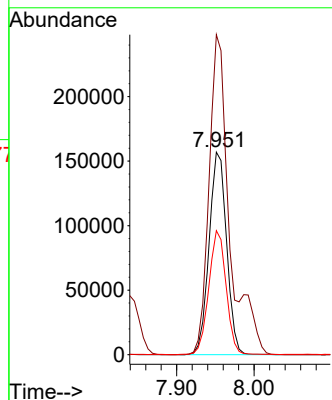
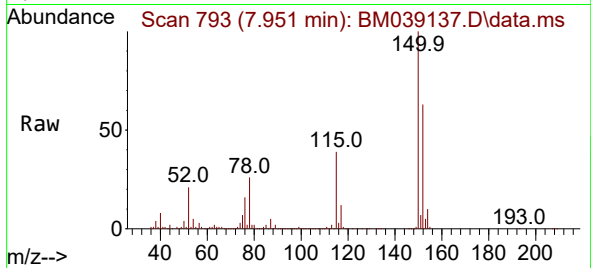




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

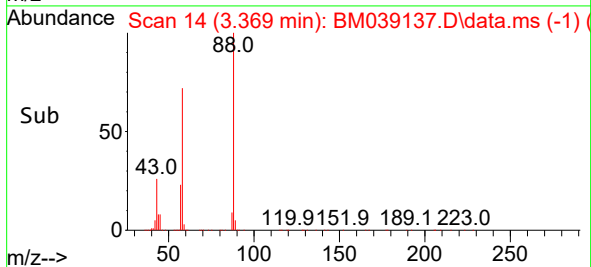
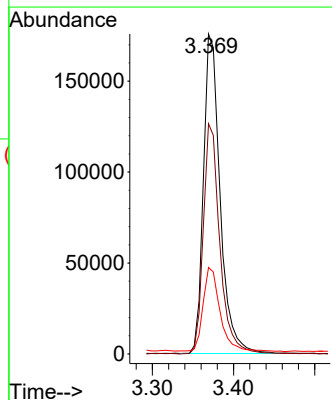
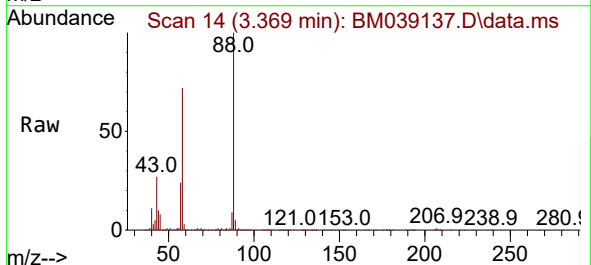
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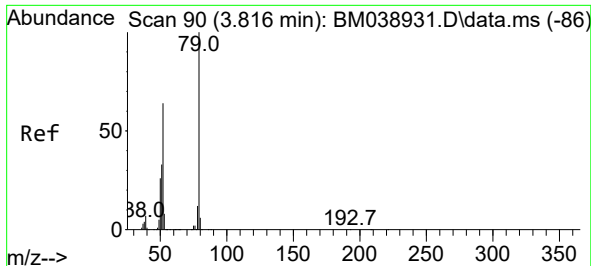
Tgt Ion:152 Resp: 247101
Ion Ratio Lower Upper
152 100
150 158.0 125.1 187.7
115 61.3 49.6 74.4



#2
1,4-Dioxane
Concen: 34.559 ng
RT: 3.369 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion: 88 Resp: 250052
Ion Ratio Lower Upper
88 100
58 71.8 57.2 85.8
43 27.1 22.0 33.0

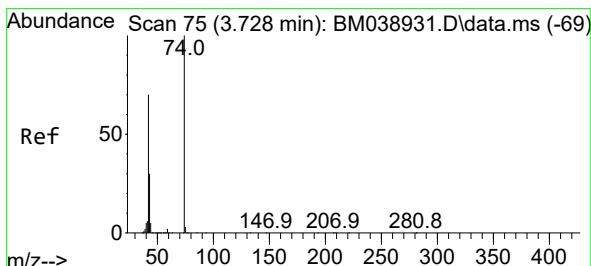
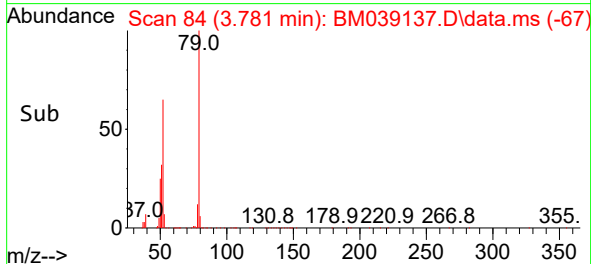
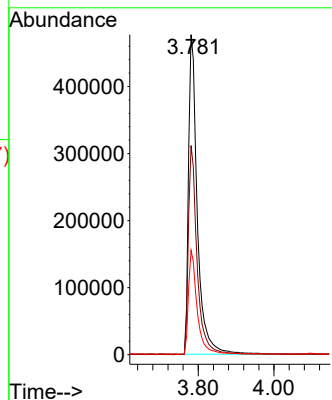
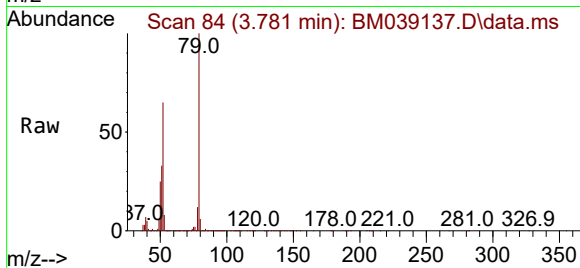




#3
Pyridine
Concen: 38.518 ng
RT: 3.781 min Scan# 84
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

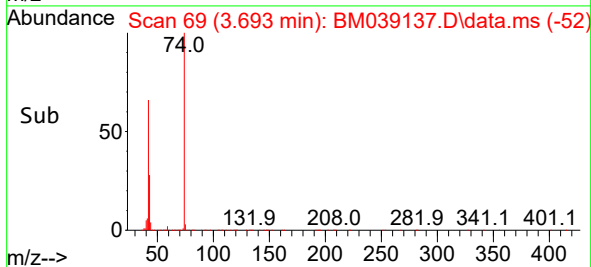
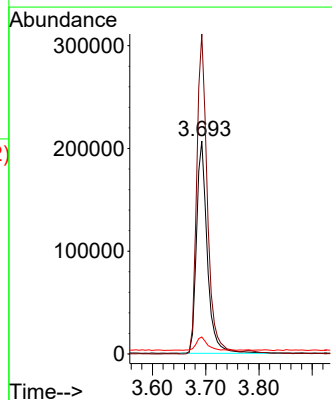
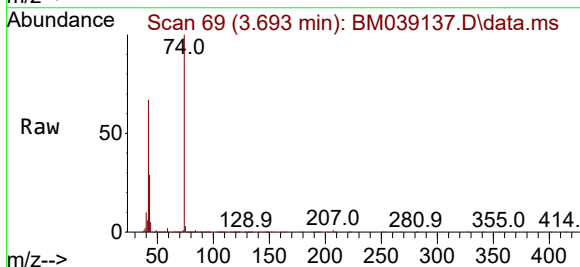
Instrument :
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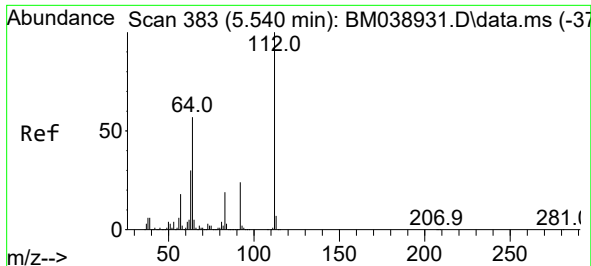
Tgt Ion: 79 Resp: 772948
Ion Ratio Lower Upper
79 100
52 65.4 51.4 77.2
51 32.6 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 35.276 ng
RT: 3.693 min Scan# 69
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion: 42 Resp: 288062
Ion Ratio Lower Upper
42 100
74 150.3 113.8 170.8
44 8.0 6.2 9.2

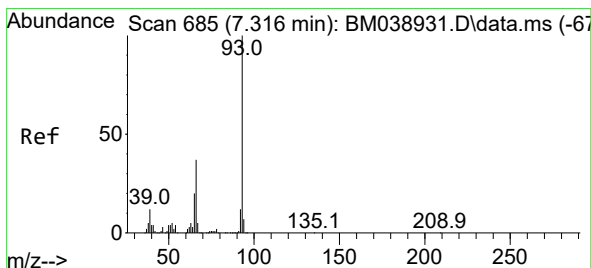
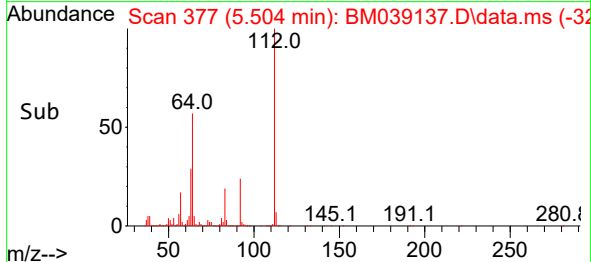
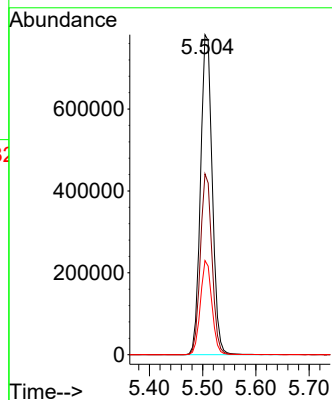
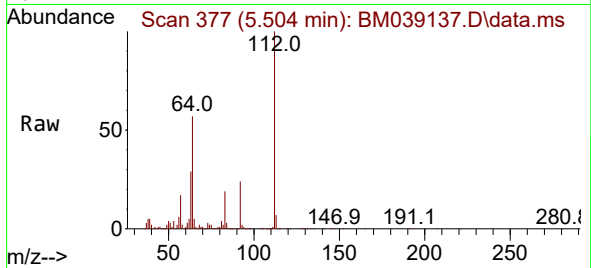




#5
2-Fluorophenol
Concen: 73.340 ng
RT: 5.504 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

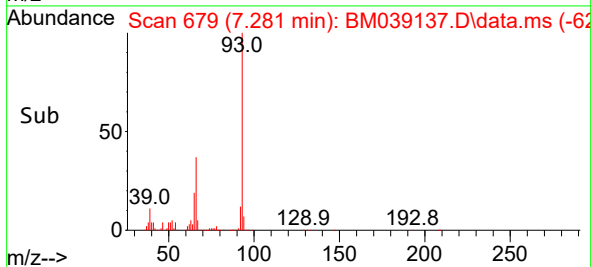
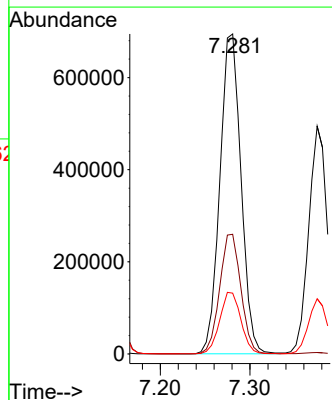
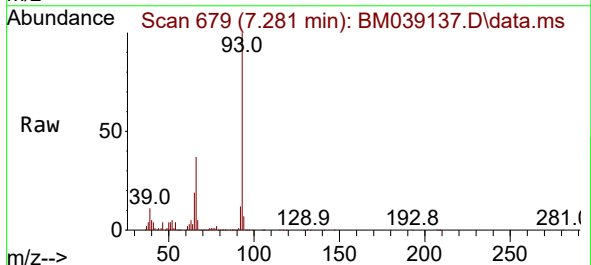
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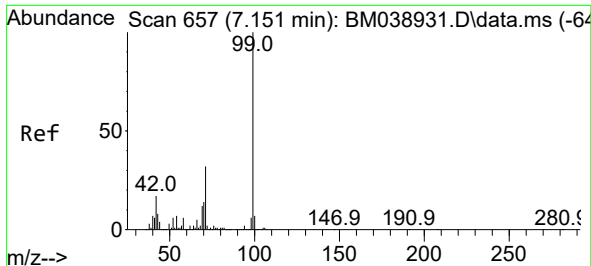
Tgt Ion:112 Resp: 1192817
Ion Ratio Lower Upper
112 100
64 56.5 45.9 68.9
63 29.4 23.8 35.8



#6
Aniline
Concen: 40.948 ng
RT: 7.281 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion: 93 Resp: 1135811
Ion Ratio Lower Upper
93 100
66 37.4 30.0 45.0
65 19.0 15.8 23.6

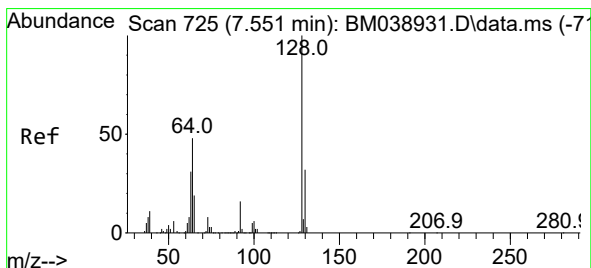
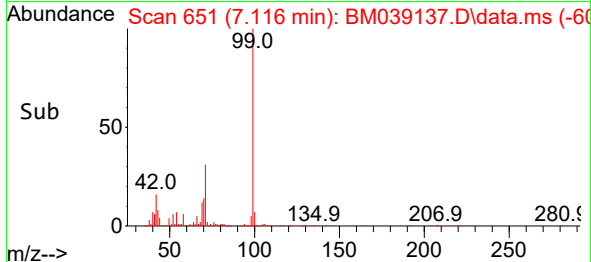
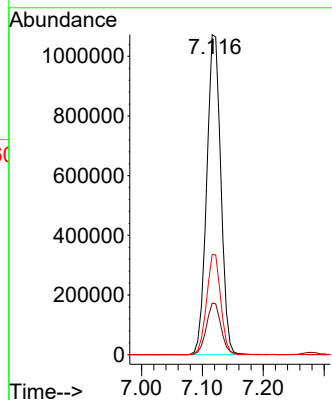
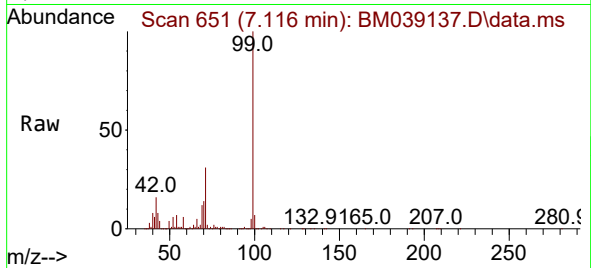




#7
Phenol-d6
Concen: 81.868 ng
RT: 7.116 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

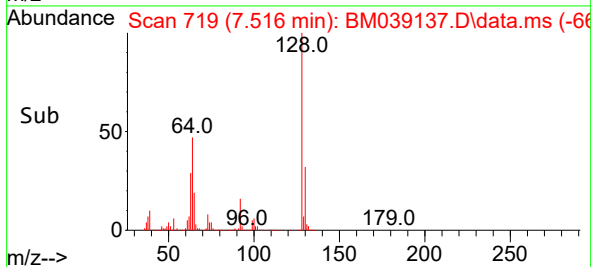
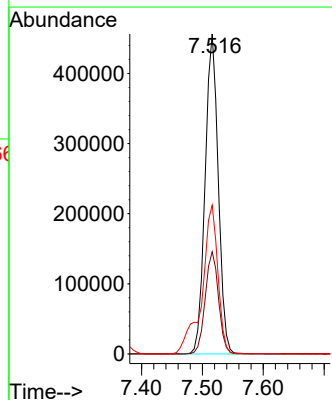
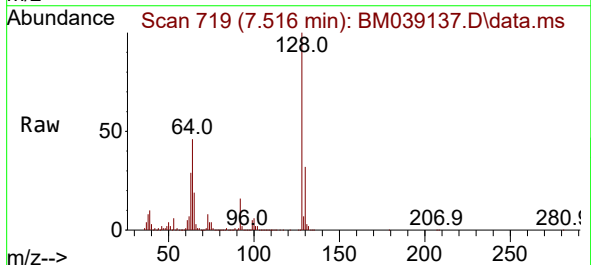
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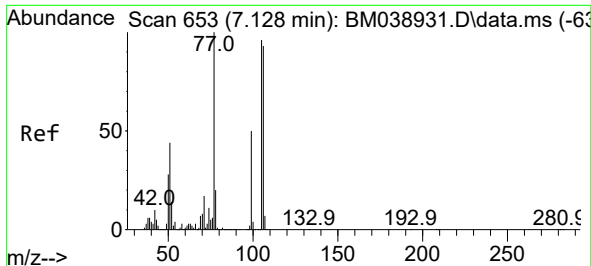
Tgt Ion: 99 Resp: 1729517
Ion Ratio Lower Upper
99 100
42 16.1 13.5 20.3
71 31.4 25.6 38.4



#8
2-Chlorophenol
Concen: 39.548 ng
RT: 7.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion: 128 Resp: 684788
Ion Ratio Lower Upper
128 100
130 32.0 11.9 51.9
64 46.5 28.6 68.6

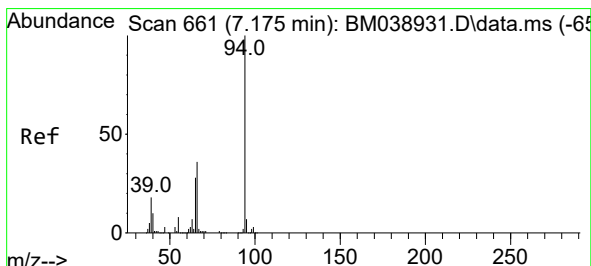
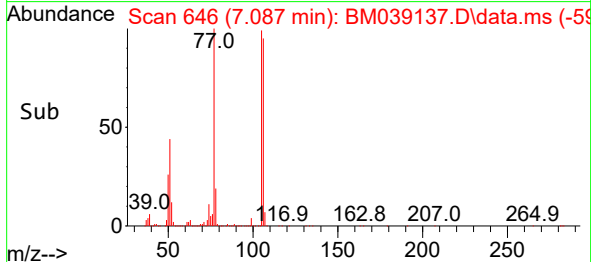
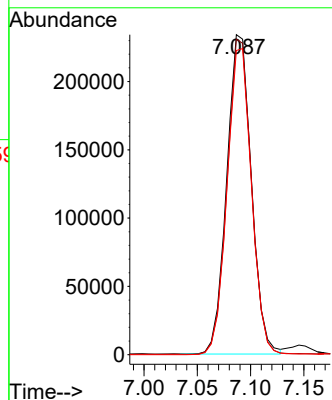
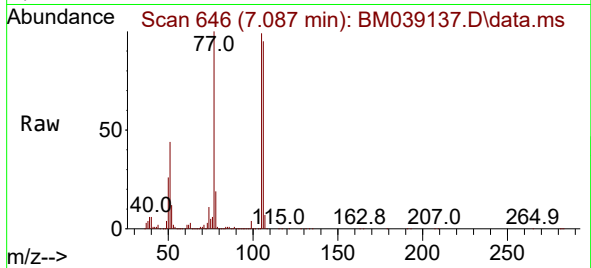




#9
Benzaldehyde
Concen: 37.393 ng
RT: 7.087 min Scan# 64
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

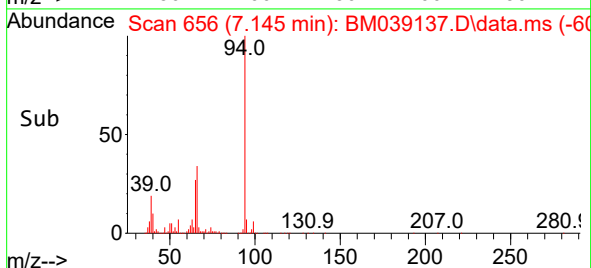
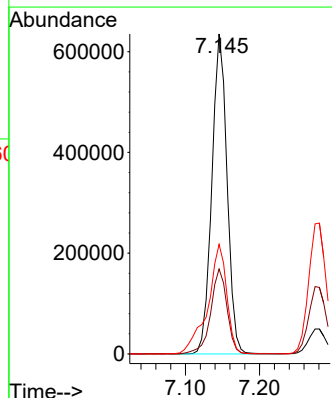
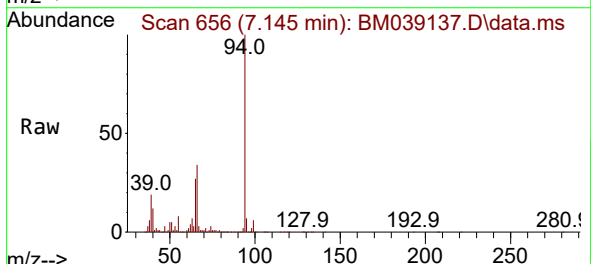
Instrument :
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Tgt Ion: 77 Resp: 375909
Ion Ratio Lower Upper
77 100
105 98.6 75.8 115.8
106 95.0 72.6 112.6



#10
Phenol
Concen: 40.320 ng
RT: 7.145 min Scan# 656
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion: 94 Resp: 904556
Ion Ratio Lower Upper
94 100
65 26.6 7.9 47.9
66 34.3 15.8 55.8

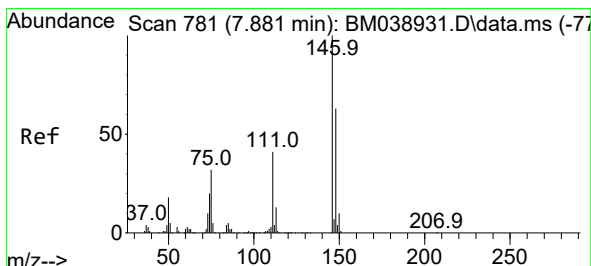
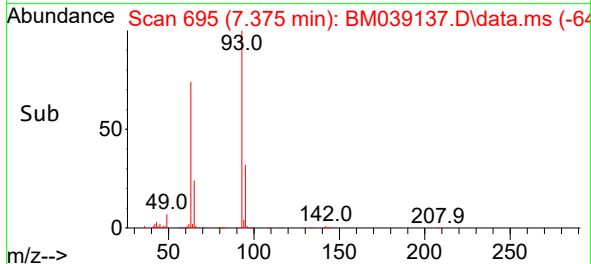
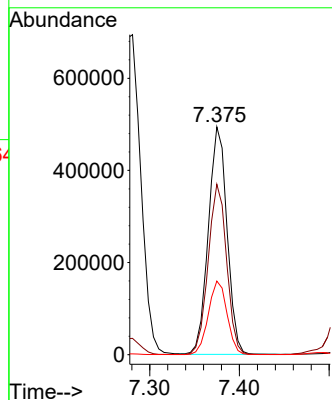
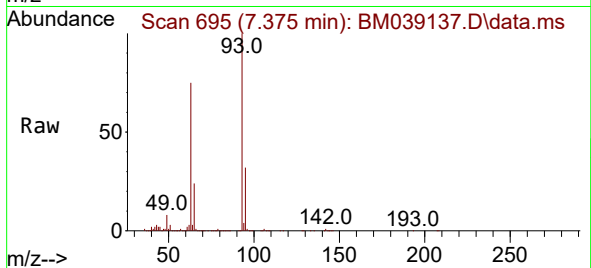




#11
bis(2-Chloroethyl)ether
Concen: 39.189 ng
RT: 7.375 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

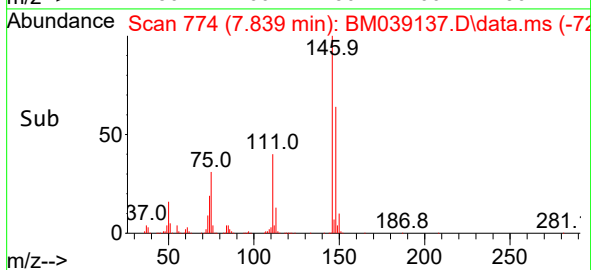
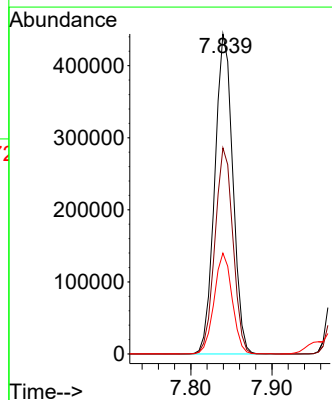
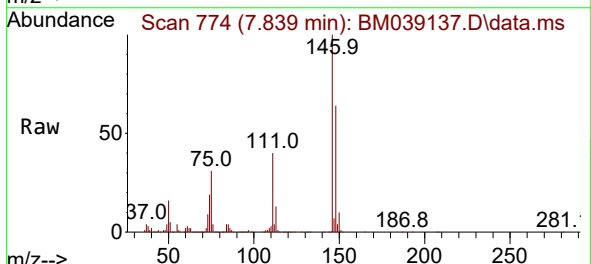
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

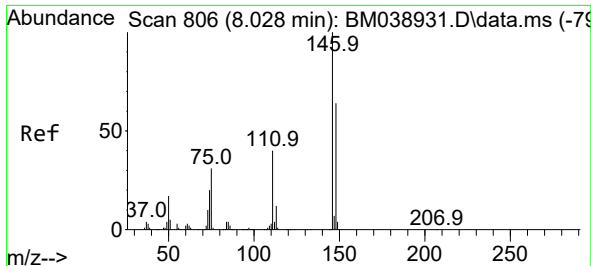
Tgt Ion: 93 Resp: 714801
Ion Ratio Lower Upper
93 100
63 74.8 55.8 95.8
95 32.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 37.282 ng
RT: 7.839 min Scan# 774
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion: 146 Resp: 686049
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
75 31.5 26.0 39.0

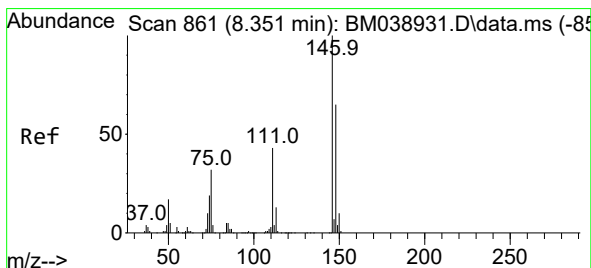
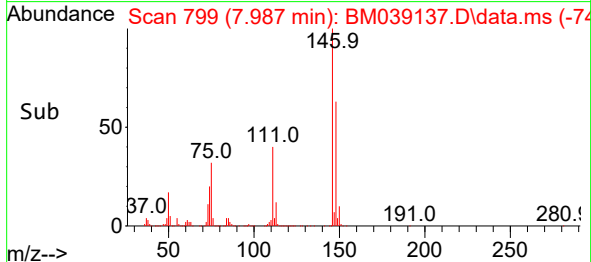
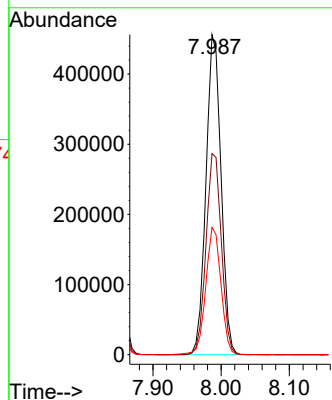
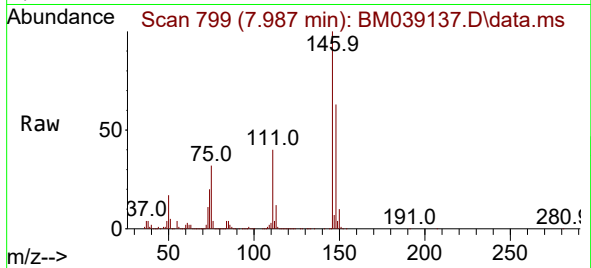




#13
1,4-Dichlorobenzene
Concen: 37.478 ng
RT: 7.987 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

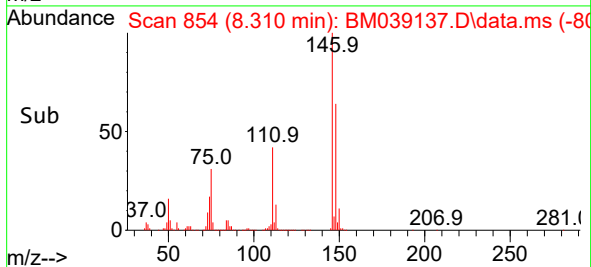
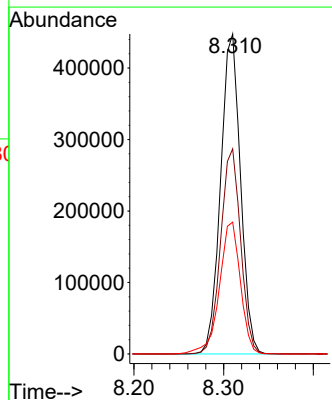
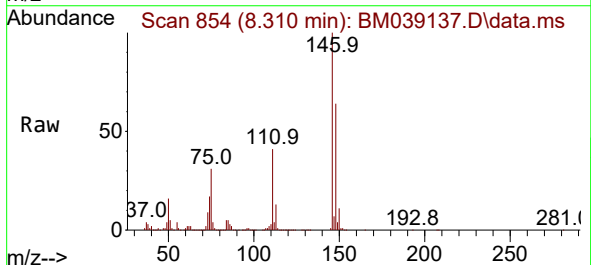
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

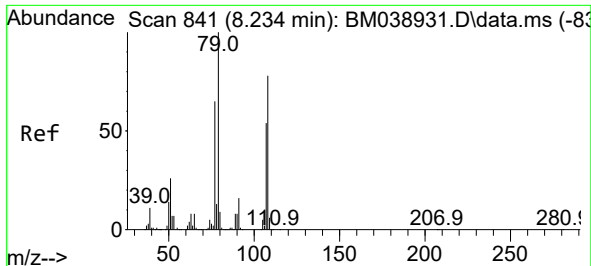
Tgt Ion:146 Resp: 701388
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.4
111 39.8 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 38.171 ng
RT: 8.310 min Scan# 854
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:146 Resp: 688115
Ion Ratio Lower Upper
146 100
148 64.1 51.7 77.5
111 41.2 34.2 51.4

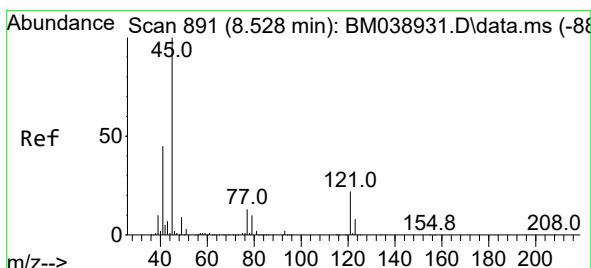
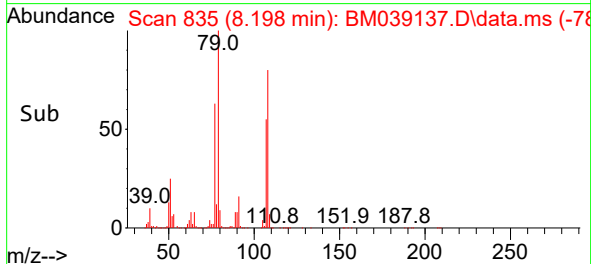
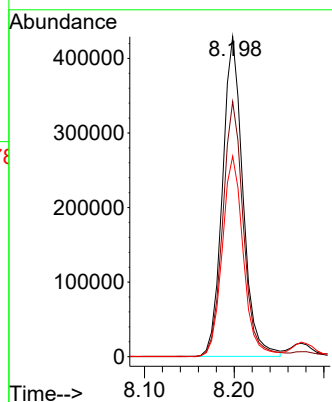
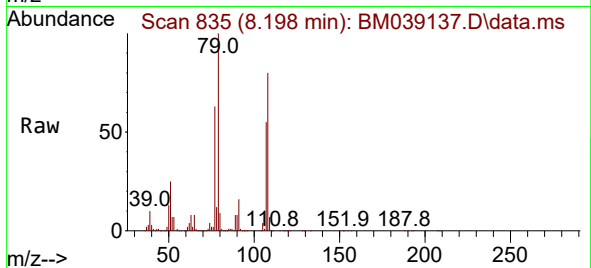




#15
Benzyl Alcohol
Concen: 44.764 ng
RT: 8.198 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

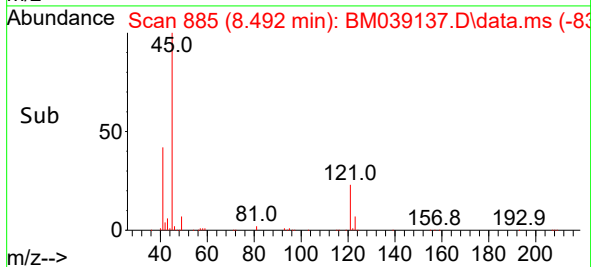
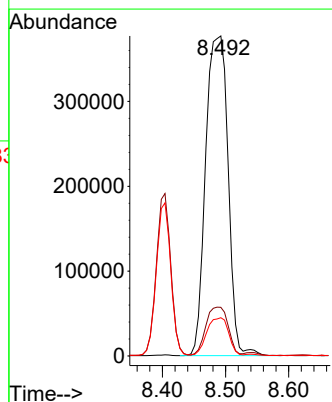
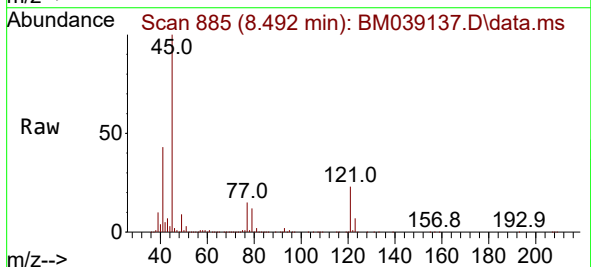
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

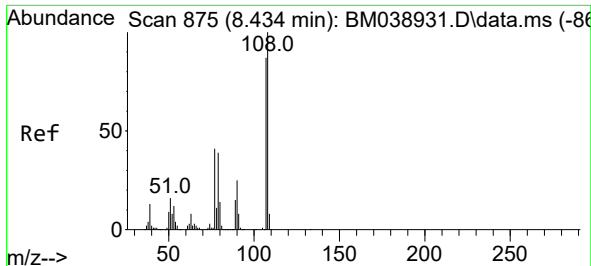
Tgt Ion: 79 Resp: 677814
Ion Ratio Lower Upper
79 100
108 79.7 62.4 93.6
77 62.6 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.338 ng
RT: 8.492 min Scan# 885
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion: 45 Resp: 929213
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.8
79 11.9 0.0 31.5

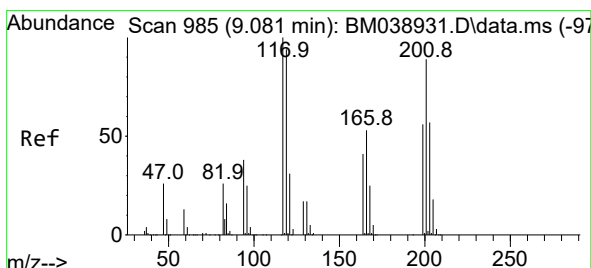
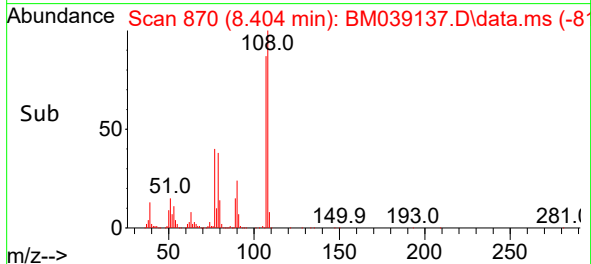
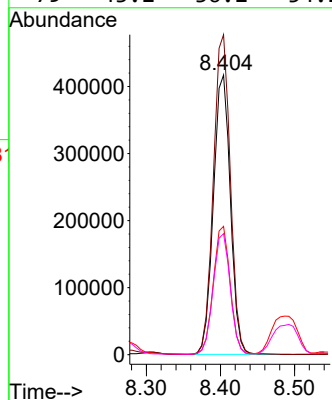
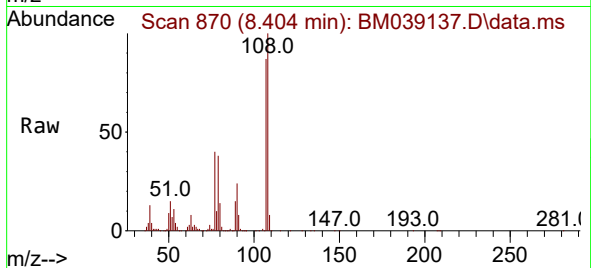




#17
2-Methylphenol
Concen: 43.002 ng
RT: 8.404 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

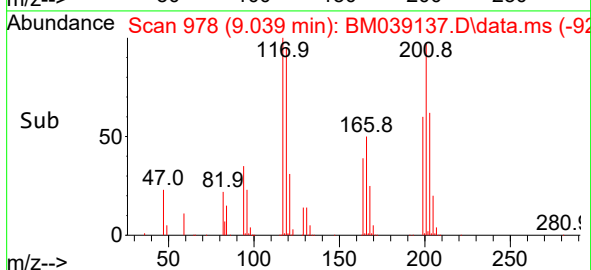
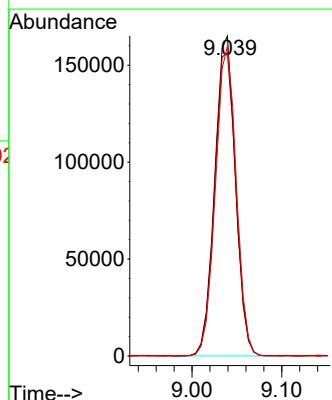
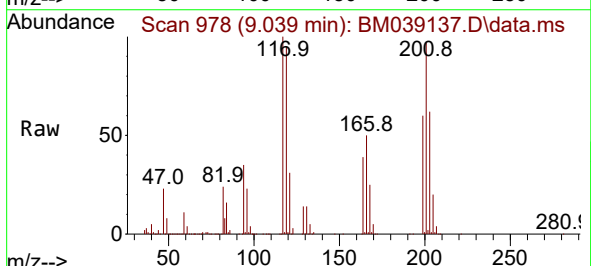
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

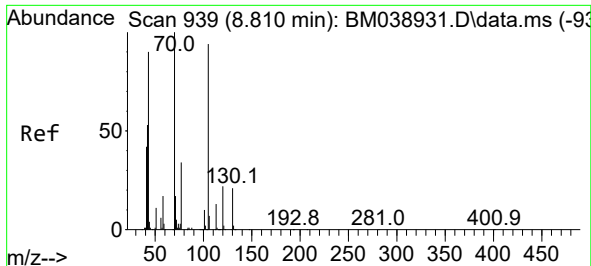
Tgt Ion:107 Resp: 662710
Ion Ratio Lower Upper
107 100
108 114.4 91.7 137.5
77 45.9 37.4 56.2
79 43.2 36.2 54.2



#18
Hexachloroethane
Concen: 38.425 ng
RT: 9.039 min Scan# 978
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:117 Resp: 265321
Ion Ratio Lower Upper
117 100
119 94.8 75.4 113.0
201 96.8 71.3 106.9





#19

n-Nitroso-di-n-propylamine

Concen: 47.616 ng

RT: 8.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 633592

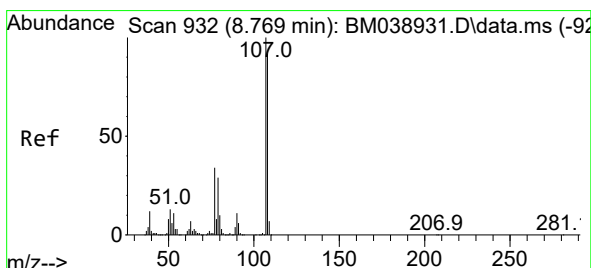
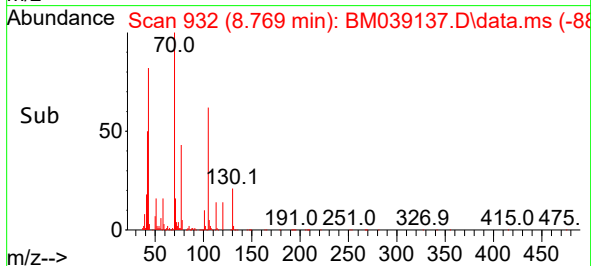
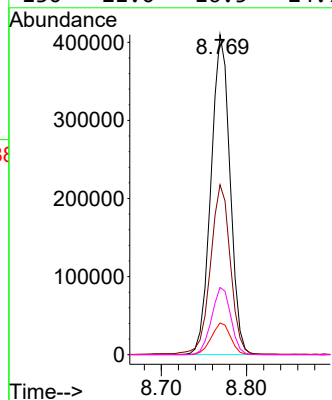
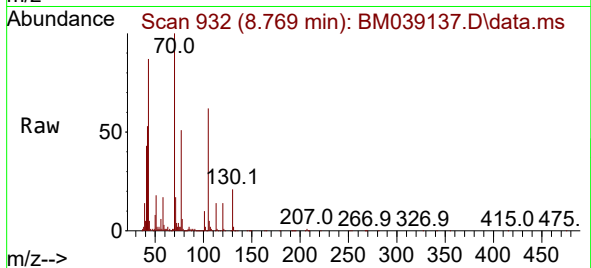
Ion Ratio Lower Upper

70 100

42 53.1 43.4 65.2

101 9.9 7.6 11.4

130 21.0 16.5 24.7



#20

3+4-Methylphenols

Concen: 45.162 ng

RT: 8.734 min Scan# 926

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Tgt Ion: 107 Resp: 929323

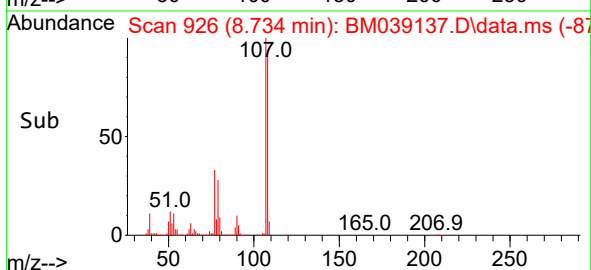
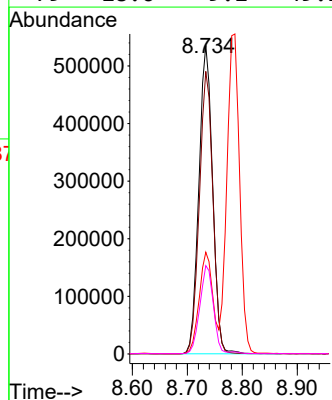
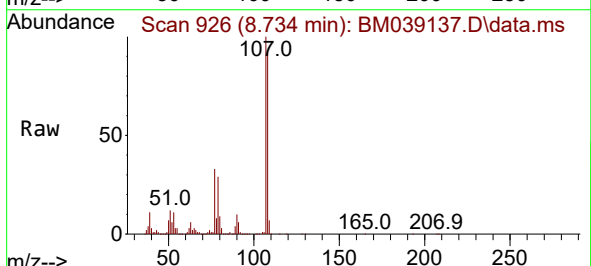
Ion Ratio Lower Upper

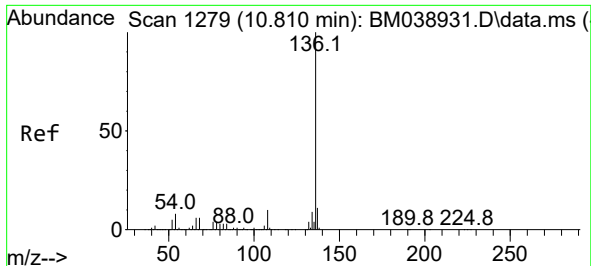
107 100

108 91.6 71.8 111.8

77 33.0 13.6 53.6

79 28.6 9.2 49.2

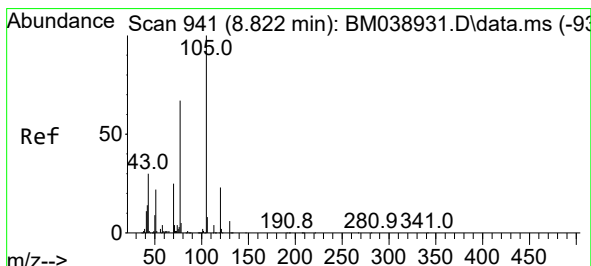
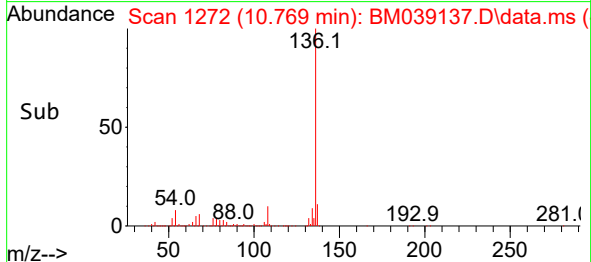
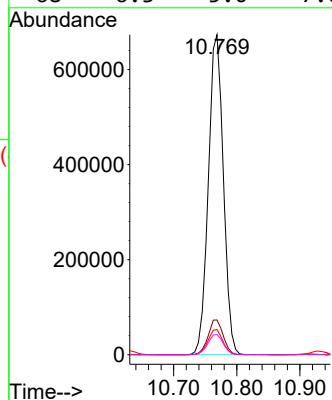
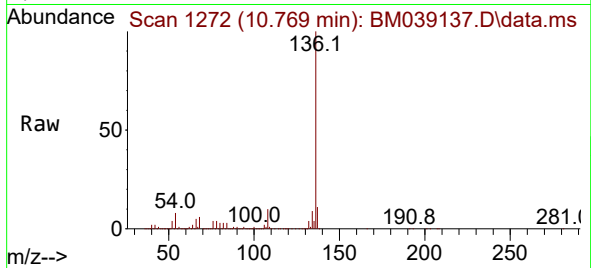




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

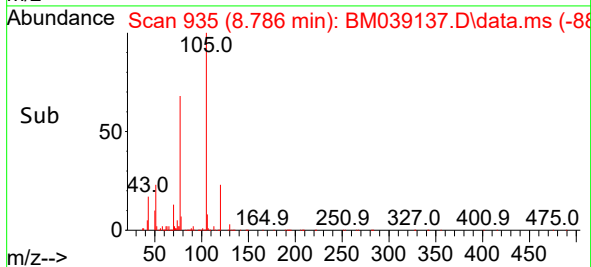
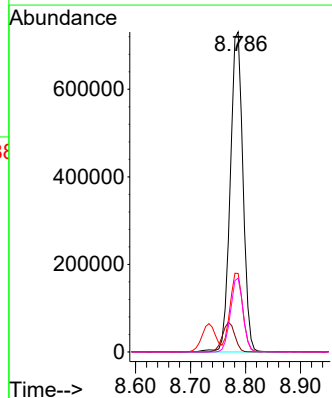
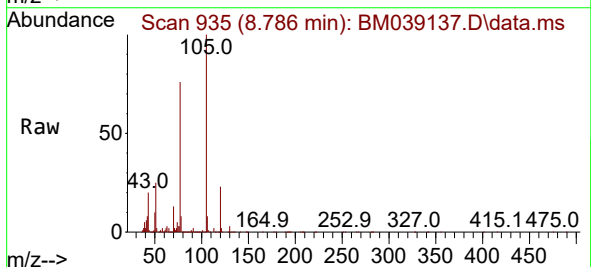
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

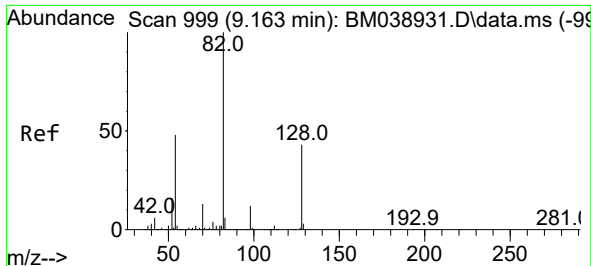
Tgt Ion:136 Resp: 1109848
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.9 6.3 9.5
68 6.3 5.0 7.6



#22
Acetophenone
Concen: 37.673 ng
RT: 8.786 min Scan# 935
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:105 Resp: 1173065
Ion Ratio Lower Upper
105 100
71 2.3 3.4 5.0#
51 24.6 21.0 31.4
120 23.1 18.1 27.1

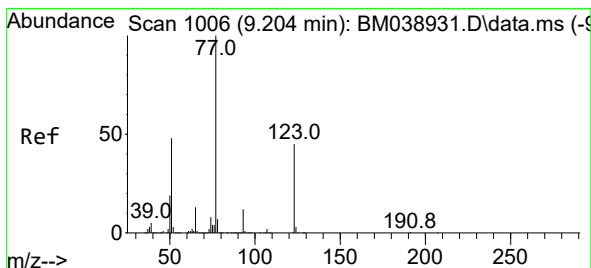
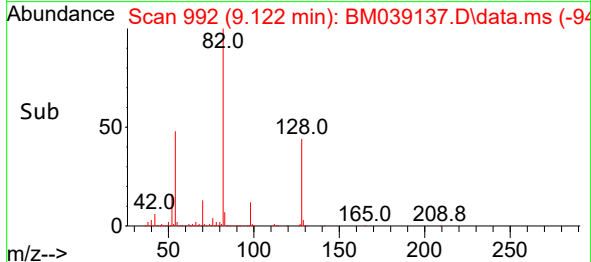
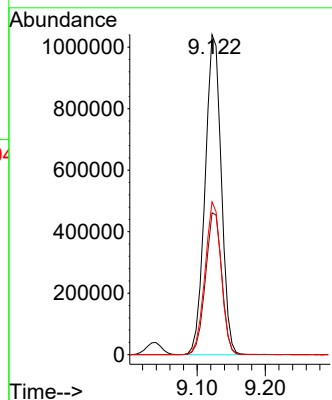
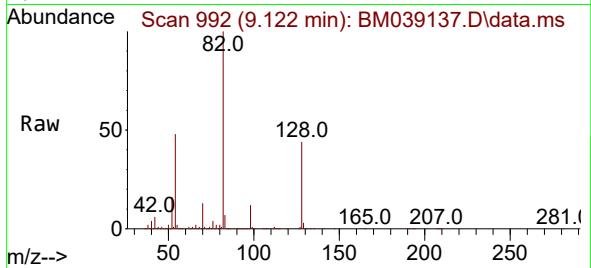




#23
Nitrobenzene-d5
Concen: 75.986 ng
RT: 9.122 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

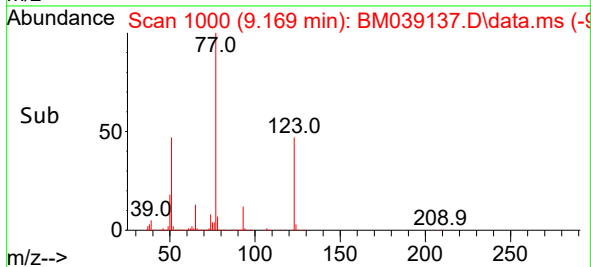
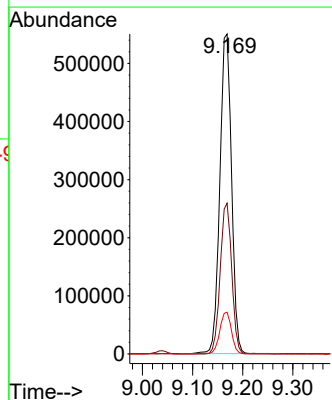
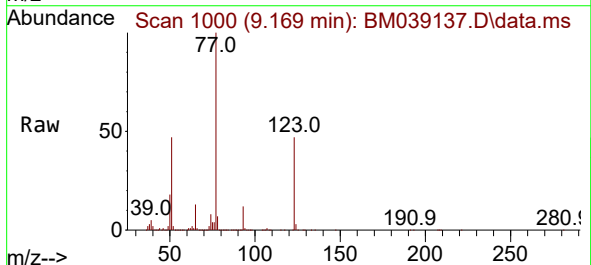
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

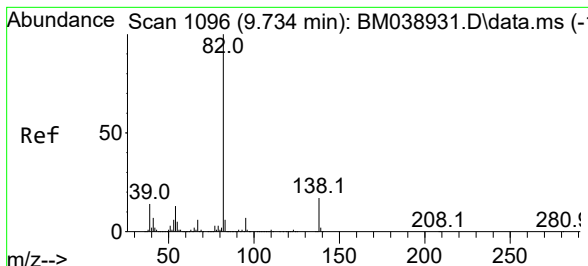
Tgt Ion: 82 Resp: 1716836
Ion Ratio Lower Upper
82 100
128 44.3 34.4 51.6
54 47.8 38.8 58.2



#24
Nitrobenzene
Concen: 37.441 ng
RT: 9.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion: 77 Resp: 889144
Ion Ratio Lower Upper
77 100
123 47.1 35.8 53.6
65 13.1 10.2 15.4





#25

Isophorone

Concen: 43.389 ng

RT: 9.698 min Scan# 1096

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

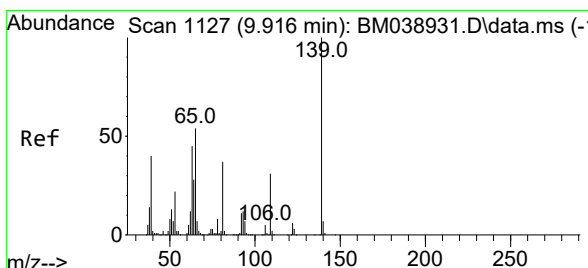
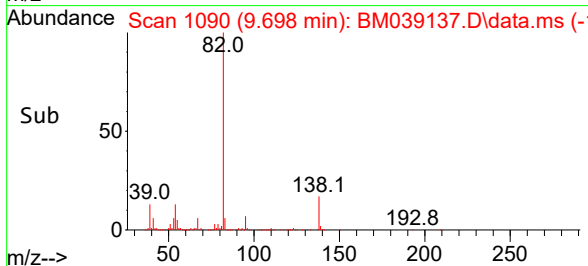
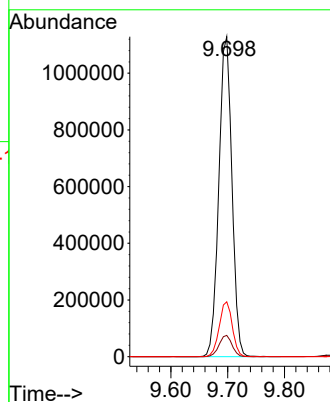
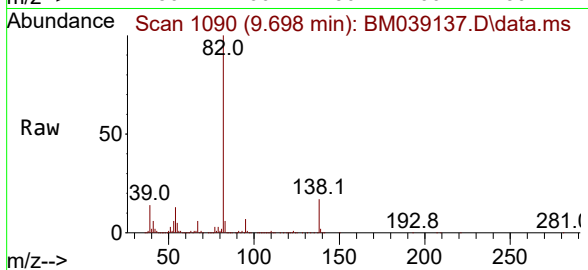
Tgt Ion: 82 Resp: 1804016

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.1 13.6 20.4



#26

2-Nitrophenol

Concen: 41.448 ng

RT: 9.880 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

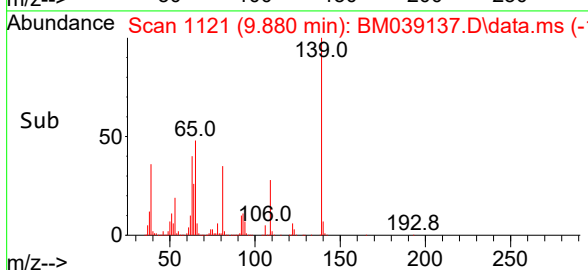
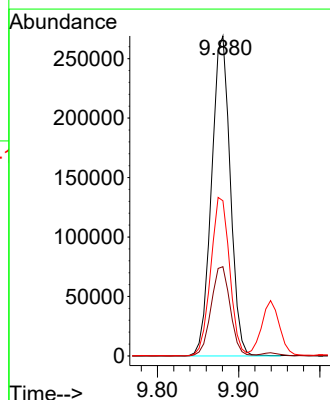
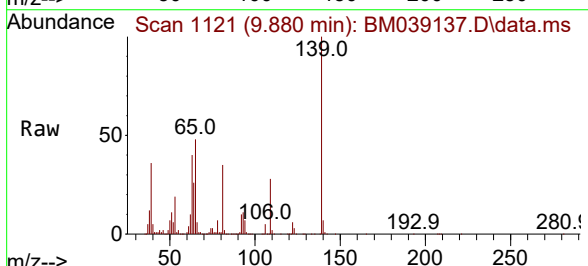
Tgt Ion: 139 Resp: 430053

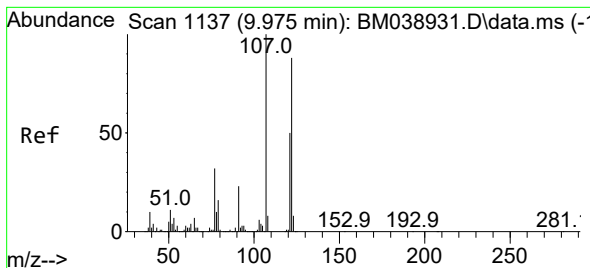
Ion Ratio Lower Upper

139 100

109 27.9 24.5 36.7

65 48.5 43.0 64.6

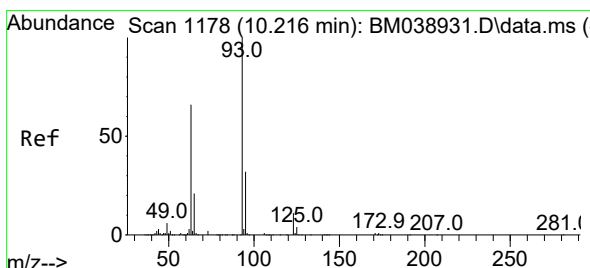
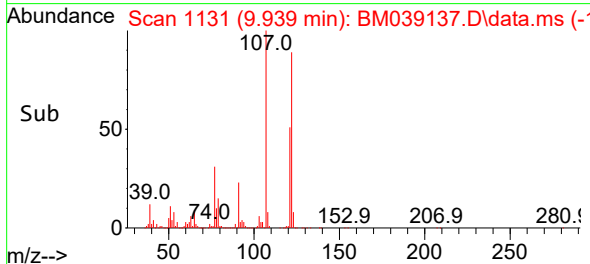
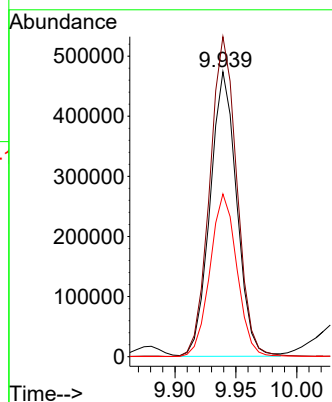
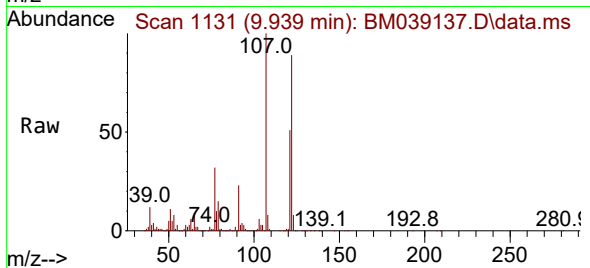




#27
2,4-Dimethylphenol
Concen: 39.777 ng
RT: 9.939 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

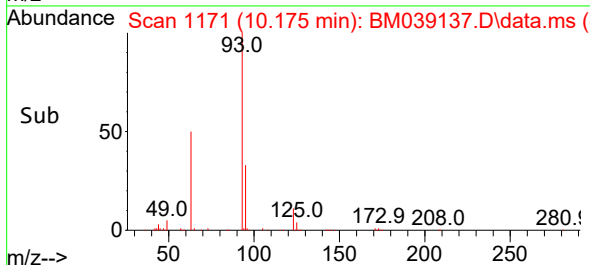
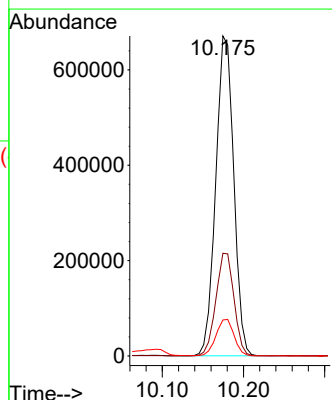
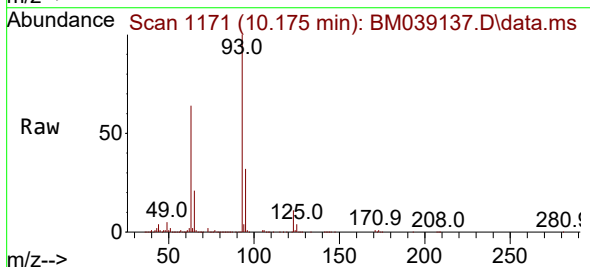
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

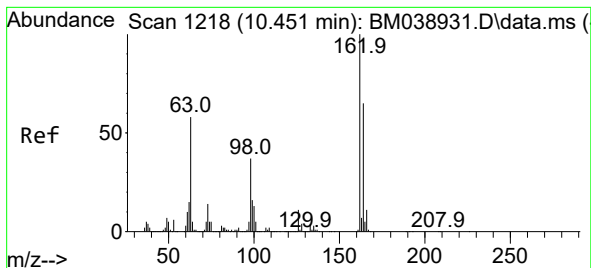
Tgt Ion:122 Resp: 720618
Ion Ratio Lower Upper
122 100
107 112.3 91.0 136.4
121 57.1 45.1 67.7



#28
bis(2-Chloroethoxy)methane
Concen: 38.726 ng
RT: 10.175 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion: 93 Resp: 1034572
Ion Ratio Lower Upper
93 100
95 32.1 25.9 38.9
123 11.3 8.8 13.2

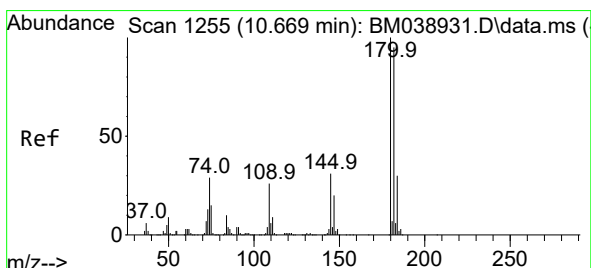
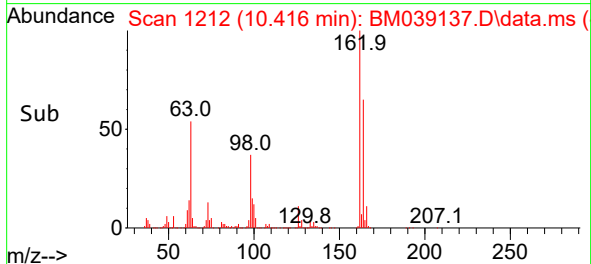
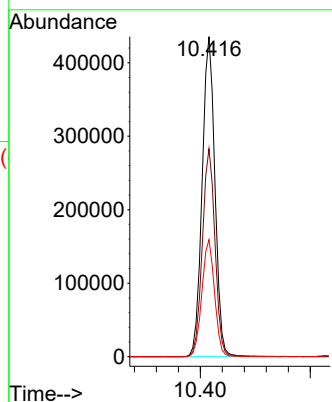
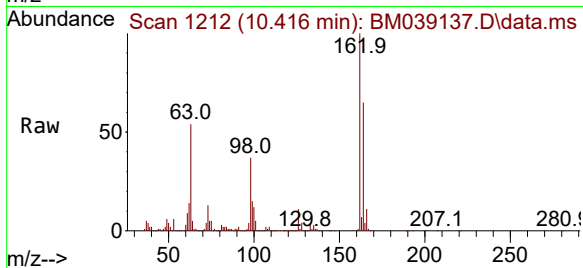




#29
2,4-Dichlorophenol
Concen: 40.887 ng
RT: 10.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

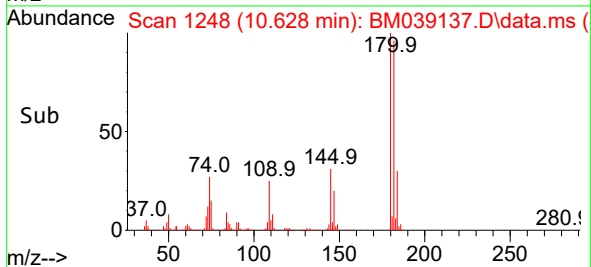
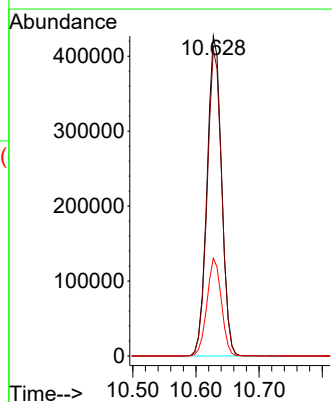
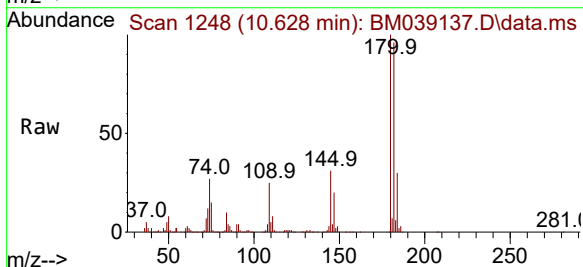
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

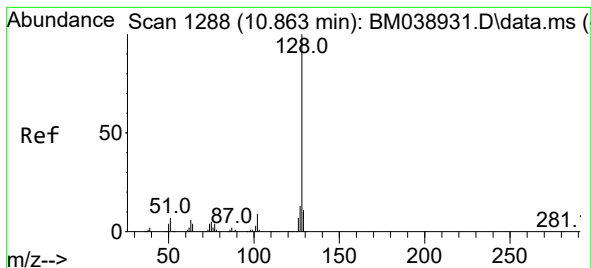
Tgt Ion:162 Resp: 702272
Ion Ratio Lower Upper
162 100
164 65.0 44.6 84.6
98 36.6 17.5 57.5



#30
1,2,4-Trichlorobenzene
Concen: 36.311 ng
RT: 10.628 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:180 Resp: 681537
Ion Ratio Lower Upper
180 100
182 95.7 76.3 114.5
145 30.6 25.0 37.4

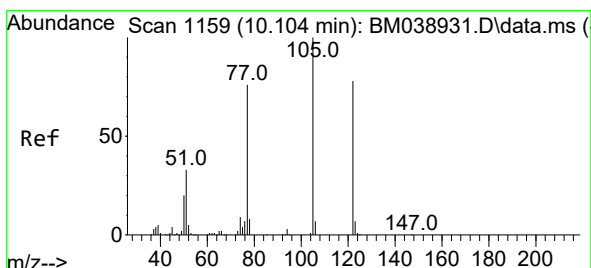
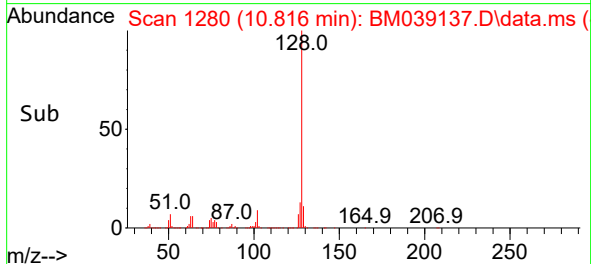
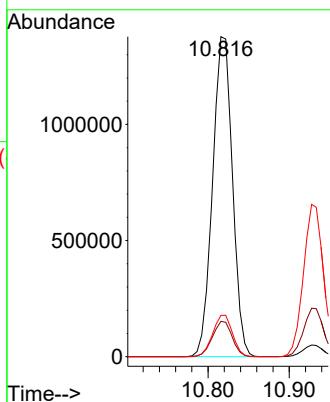
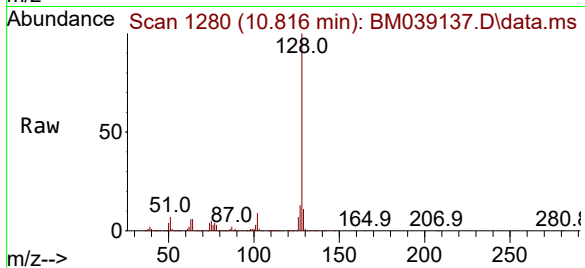




#31
Naphthalene
Concen: 37.070 ng
RT: 10.816 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

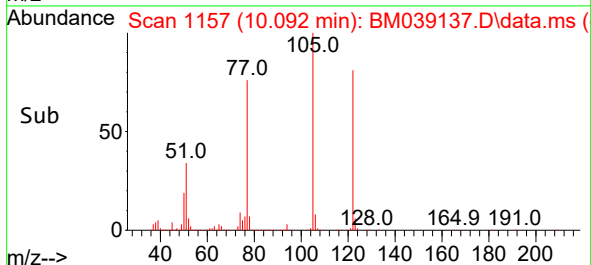
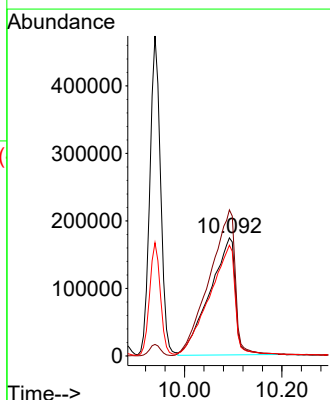
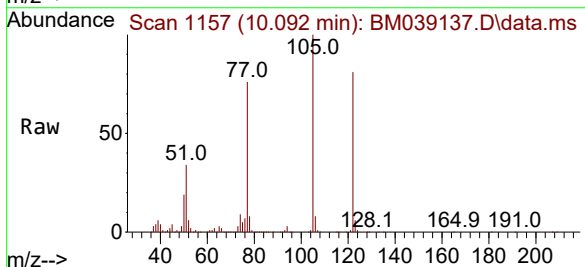
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

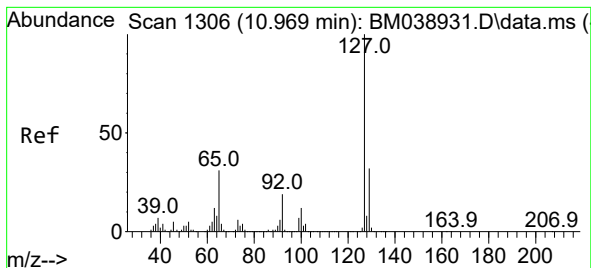
Tgt Ion:128 Resp: 2345971
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 47.848 ng
RT: 10.092 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:122 Resp: 635741
Ion Ratio Lower Upper
122 100
105 123.7 104.2 144.2
77 93.7 75.1 115.1



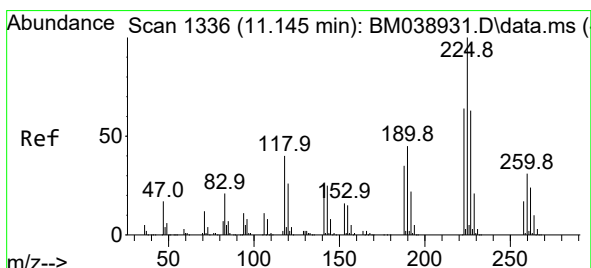
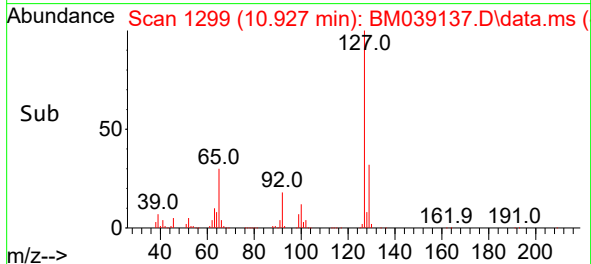
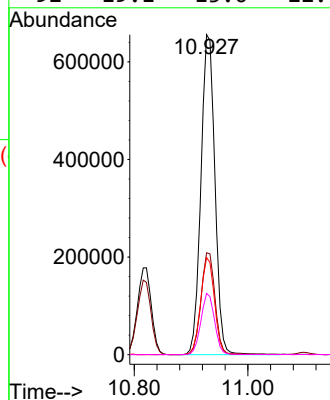
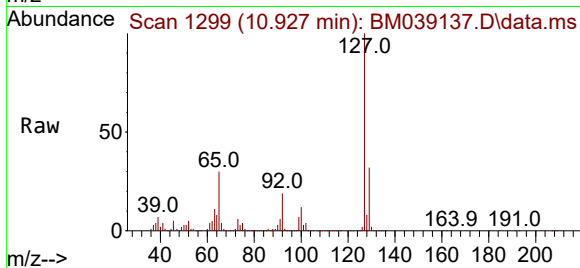


#33
4-Chloroaniline
Concen: 41.683 ng
RT: 10.927 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1124195

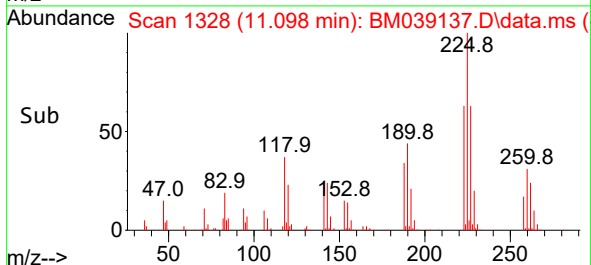
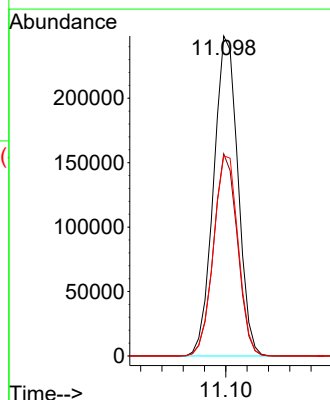
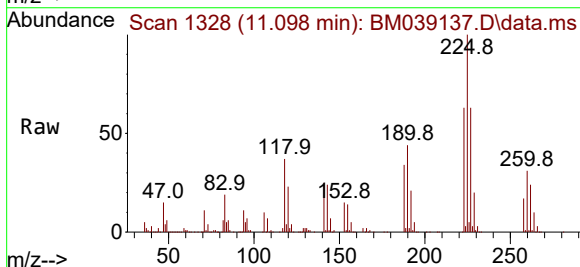
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	30.4	24.4	36.6
92	19.1	15.0	22.4

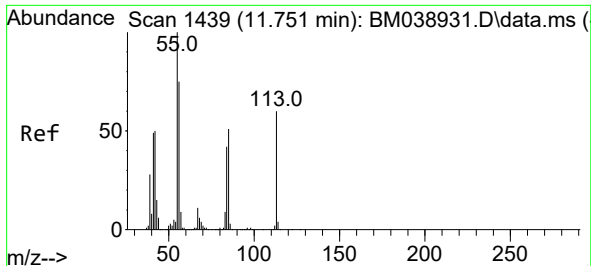


#34
Hexachlorobutadiene
Concen: 36.499 ng
RT: 11.098 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:225 Resp: 392854

Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.3	76.9
227	62.6	50.6	76.0

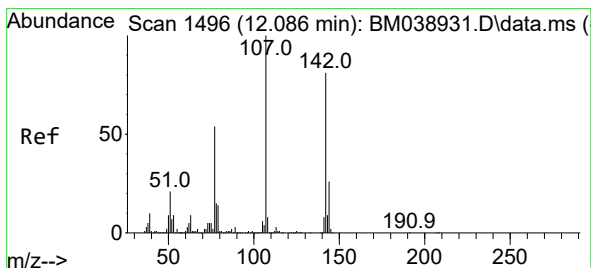
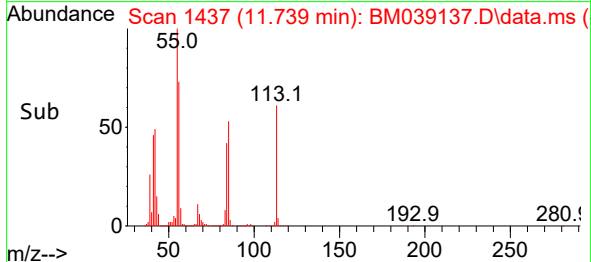
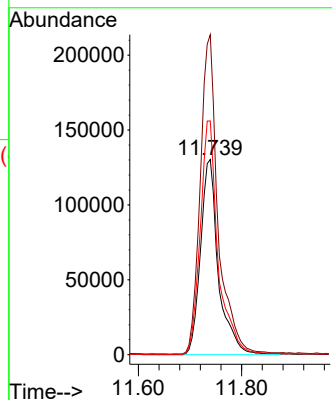
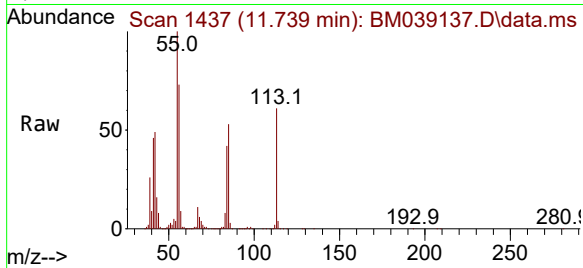




#35
Caprolactam
Concen: 59.880 ng
RT: 11.739 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

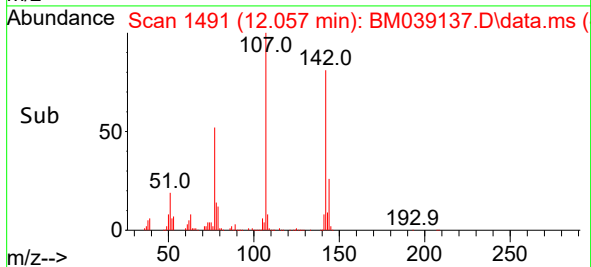
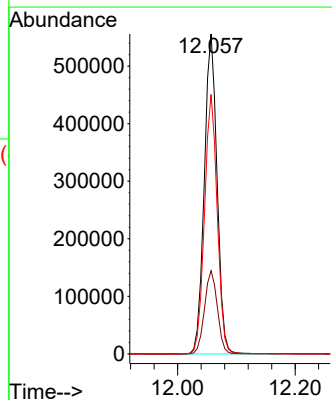
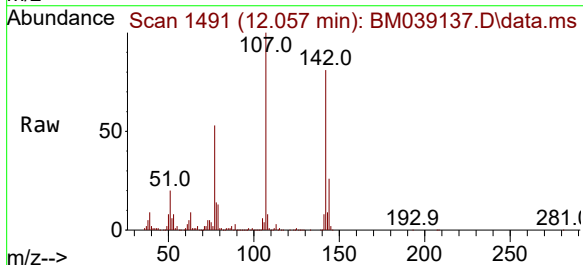
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

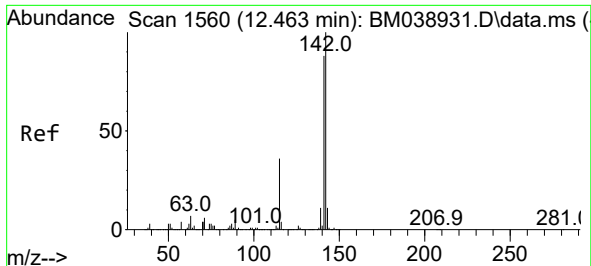
Tgt Ion:113 Resp: 313026
Ion Ratio Lower Upper
113 100
55 163.9 147.0 187.0
56 119.7 105.1 145.1



#36
4-Chloro-3-methylphenol
Concen: 45.916 ng
RT: 12.057 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:107 Resp: 839793
Ion Ratio Lower Upper
107 100
144 26.0 20.7 31.1
142 81.1 64.6 97.0





#37

2-Methylnaphthalene

Concen: 40.894 ng

RT: 12.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

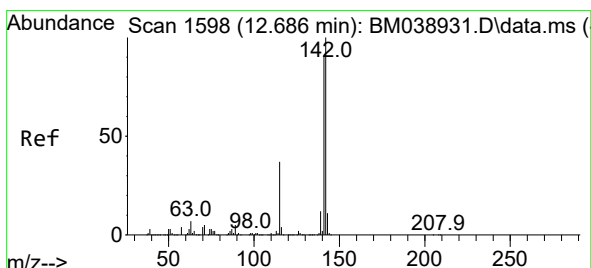
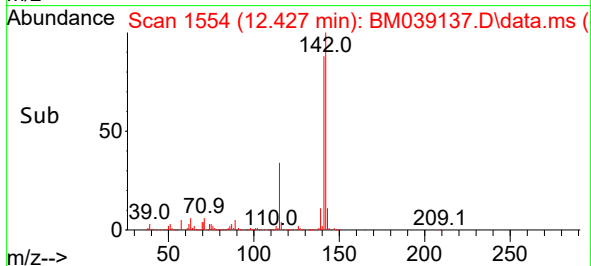
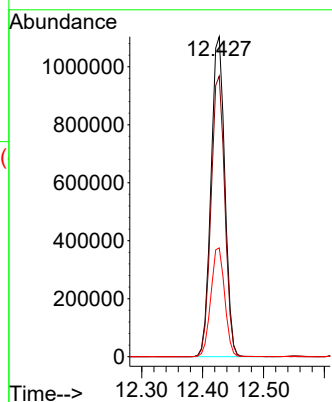
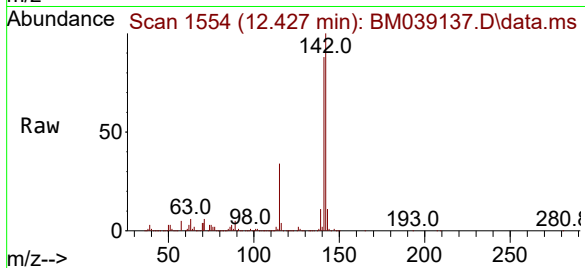
Tgt Ion:142 Resp: 1734587

Ion Ratio Lower Upper

142 100

141 87.7 70.6 106.0

115 34.0 28.5 42.7



#38

1-Methylnaphthalene

Concen: 40.967 ng

RT: 12.645 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

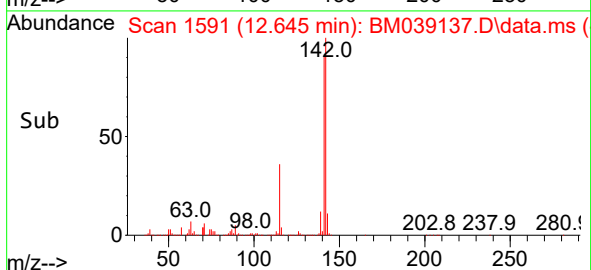
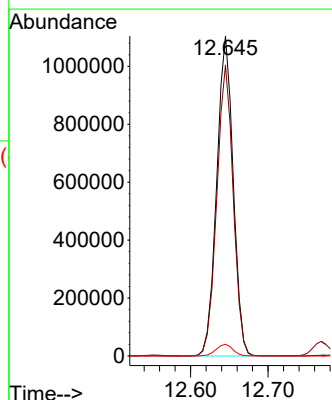
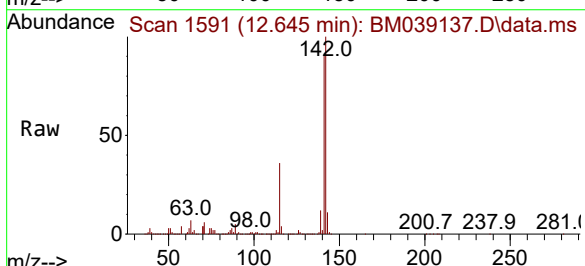
Tgt Ion:142 Resp: 1628476

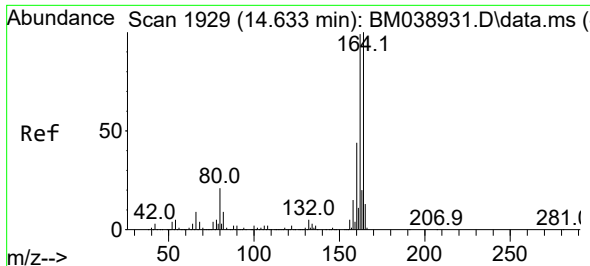
Ion Ratio Lower Upper

142 100

141 91.0 72.8 109.2

116 3.7 3.0 4.4

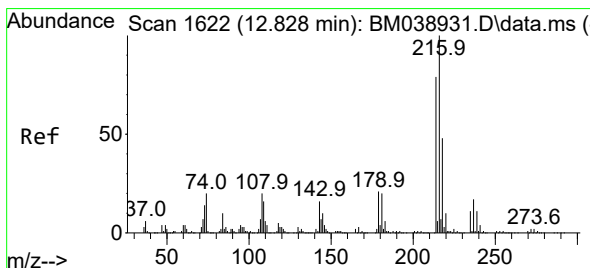
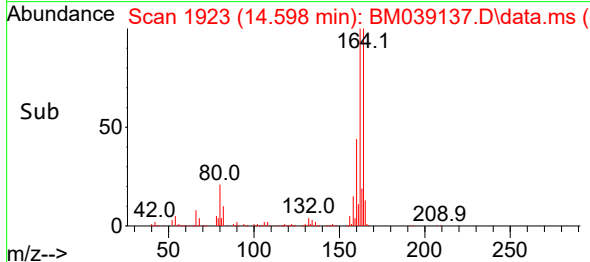
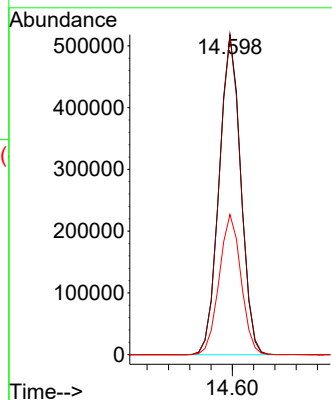
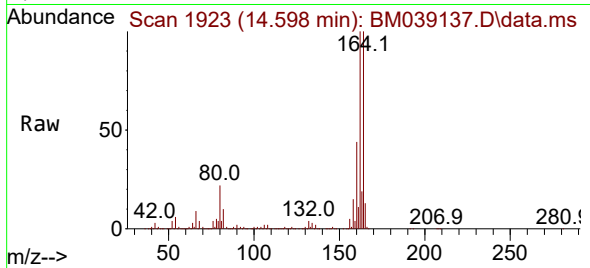




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

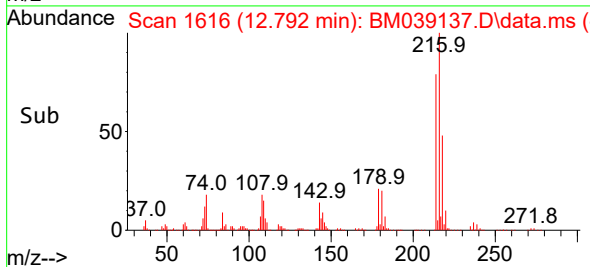
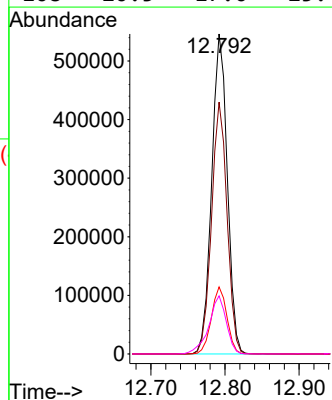
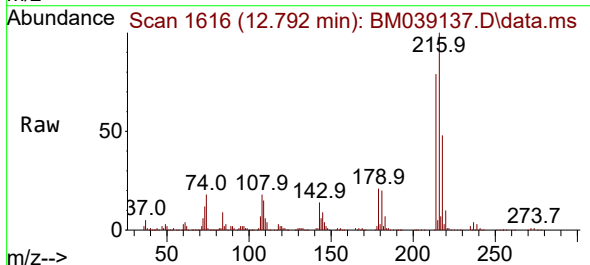
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

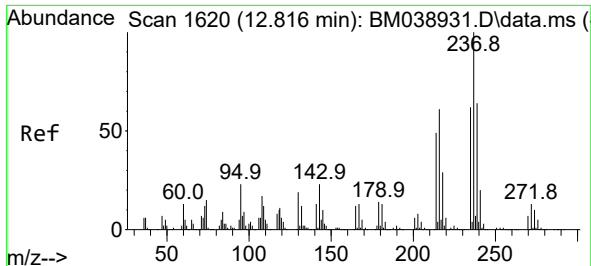
Tgt Ion:164 Resp: 726803
Ion Ratio Lower Upper
164 100
162 99.5 79.2 118.8
160 43.8 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.678 ng
RT: 12.792 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:216 Resp: 795738
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 20.9 16.8 25.2
108 20.5 17.0 25.4

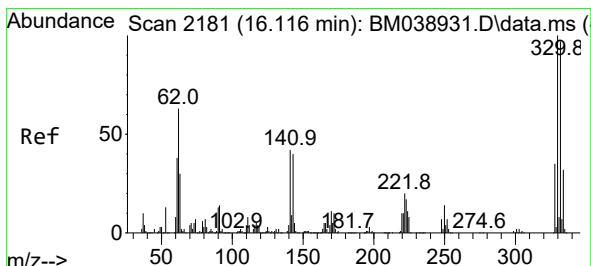
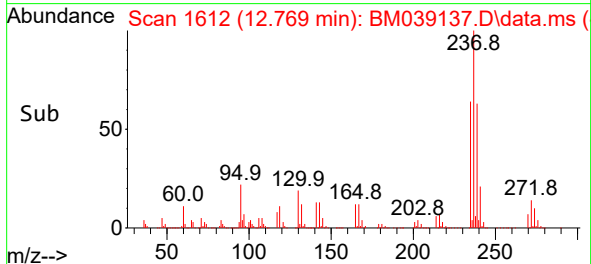
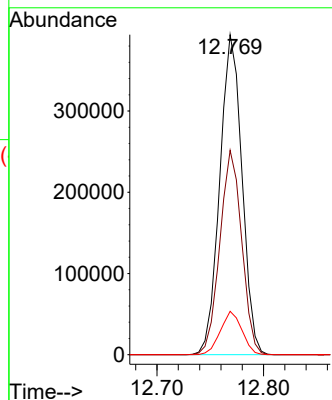
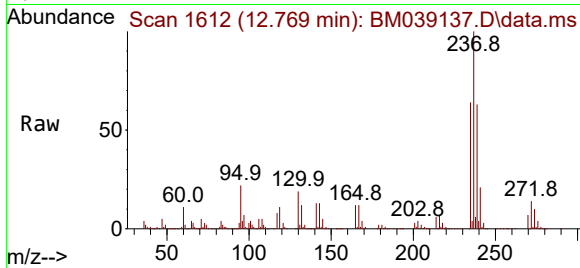




#41
Hexachlorocyclopentadiene
Concen: 43.946 ng
RT: 12.769 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

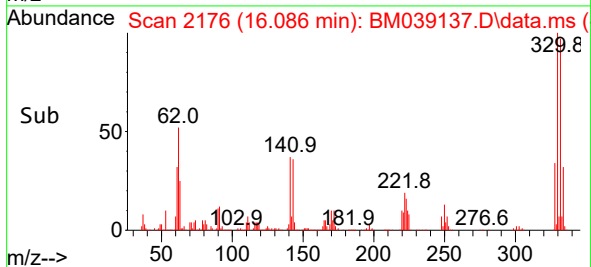
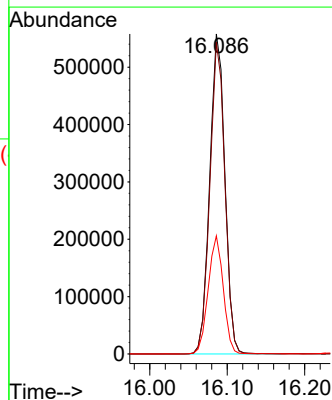
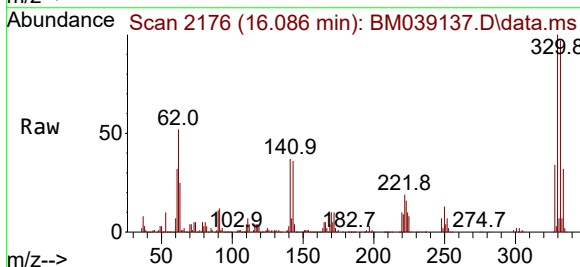
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

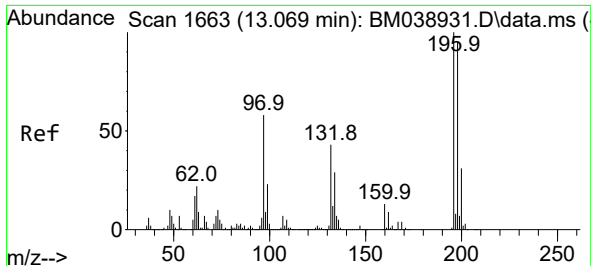
Tgt Ion:237 Resp: 569969
Ion Ratio Lower Upper
237 100
235 63.8 41.7 81.7
272 13.6 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 90.322 ng
RT: 16.086 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:330 Resp: 759426
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 36.8 32.2 48.4

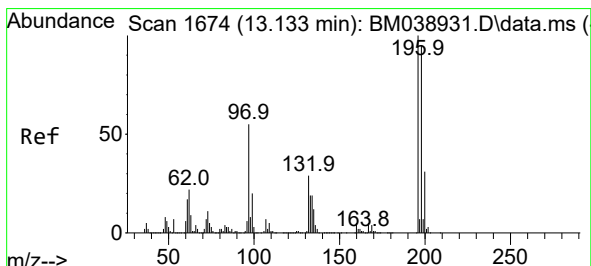
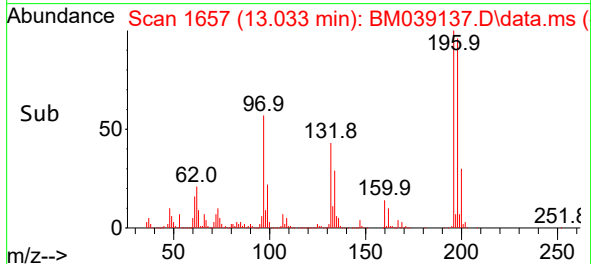
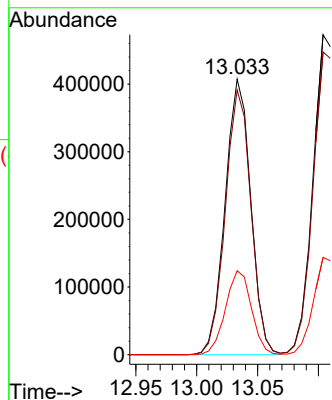
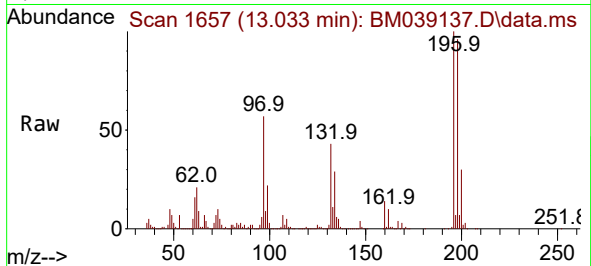




#43
2,4,6-Trichlorophenol
Concen: 39.076 ng
RT: 13.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

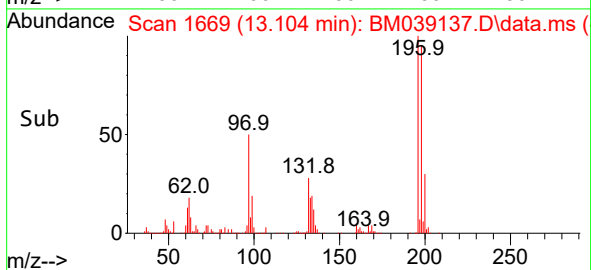
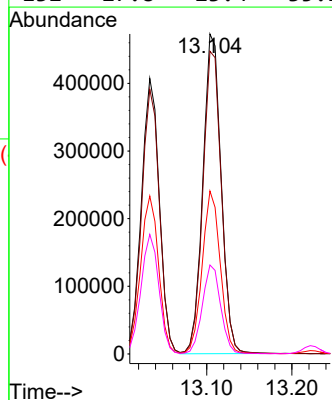
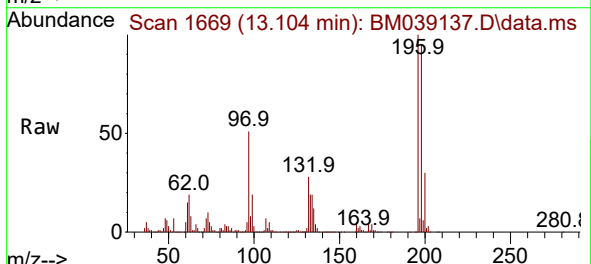
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

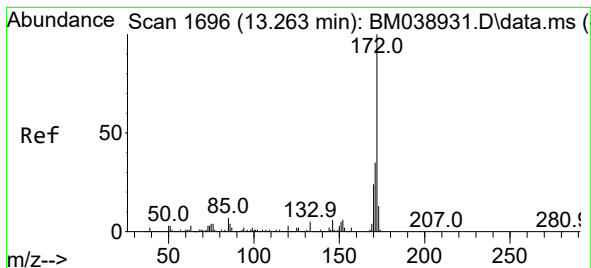
Tgt Ion:196 Resp: 597882
Ion Ratio Lower Upper
196 100
198 96.0 75.8 113.8
200 30.5 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 39.424 ng
RT: 13.104 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:196 Resp: 706052
Ion Ratio Lower Upper
196 100
198 94.6 76.3 114.5
97 50.9 44.2 66.4
132 27.8 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 69.089 ng

RT: 13.221 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

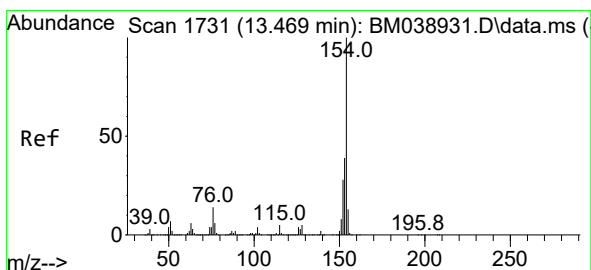
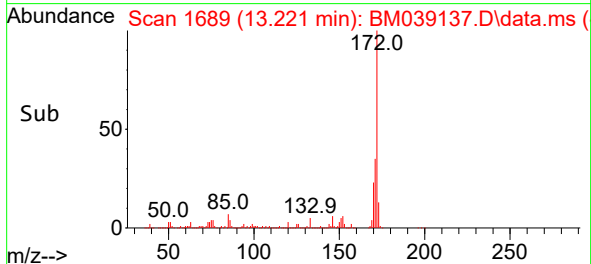
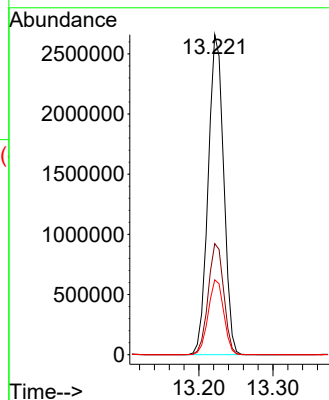
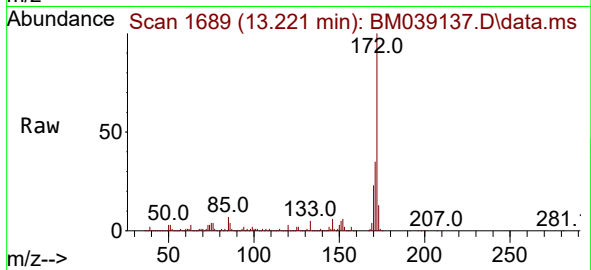
Tgt Ion:172 Resp: 3857263

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 23.4 19.1 28.7



#46

1,1'-Biphenyl

Concen: 35.297 ng

RT: 13.433 min Scan# 1725

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

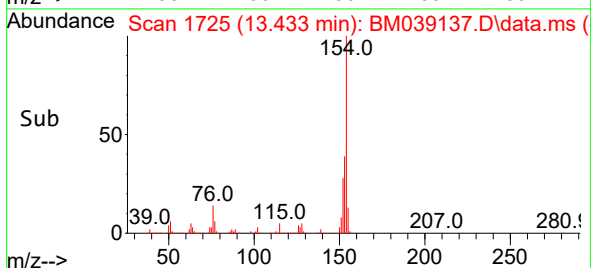
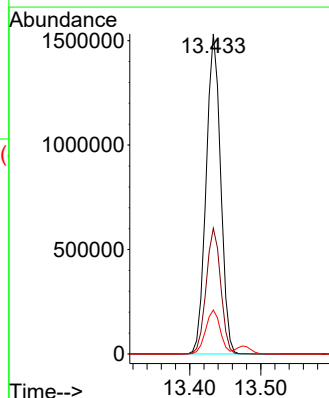
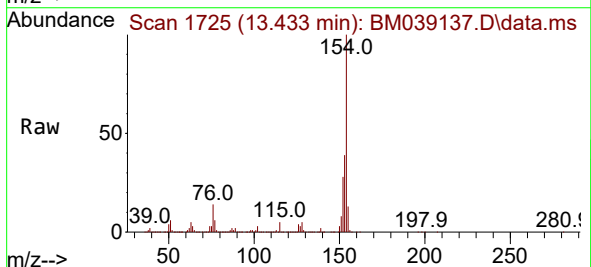
Tgt Ion:154 Resp: 2173339

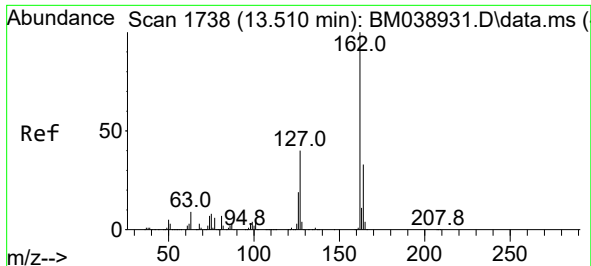
Ion Ratio Lower Upper

154 100

153 39.3 19.3 59.3

76 13.7 0.0 34.0

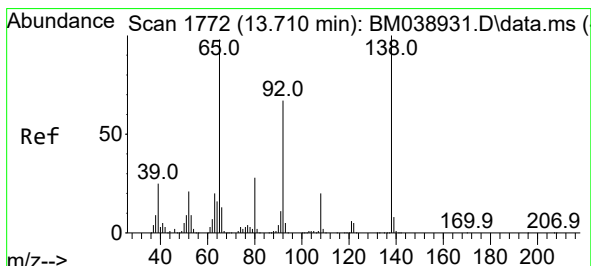
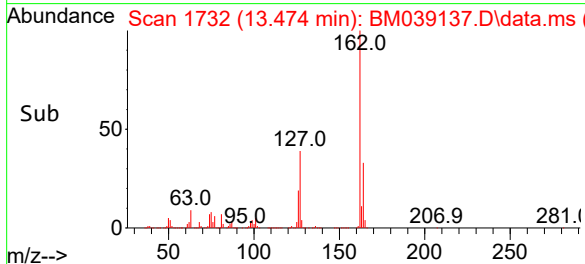
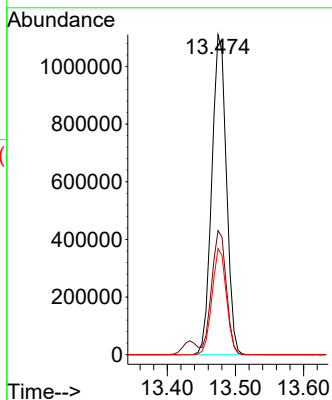
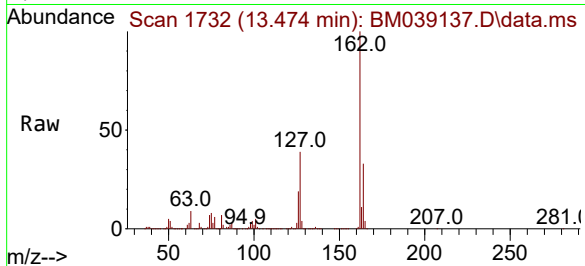




#47
2-Chloronaphthalene
Concen: 35.656 ng
RT: 13.474 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

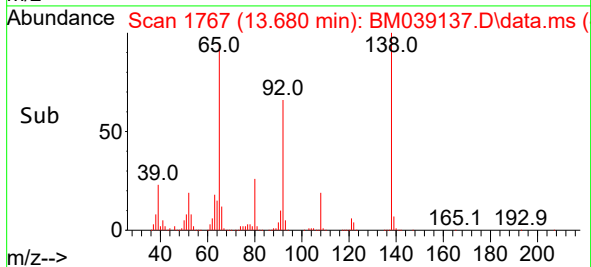
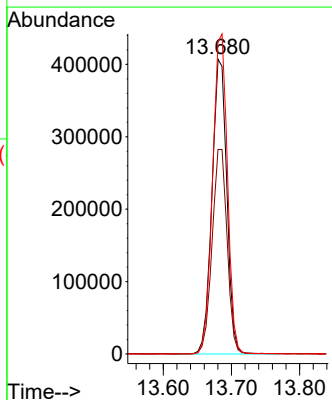
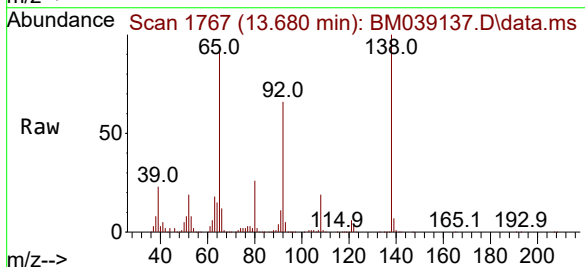
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

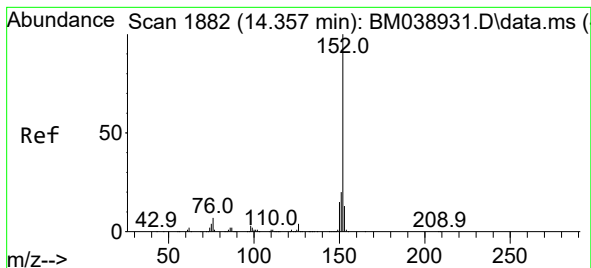
Tgt Ion:162 Resp: 1655522
Ion Ratio Lower Upper
162 100
127 38.8 32.1 48.1
164 33.1 26.2 39.4



#48
2-Nitroaniline
Concen: 41.902 ng
RT: 13.680 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion: 65 Resp: 618509
Ion Ratio Lower Upper
65 100
92 69.4 54.9 82.3
138 105.9 81.6 122.4





#49

Acenaphthylene

Concen: 38.062 ng

RT: 14.321 min Scan# 1876

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

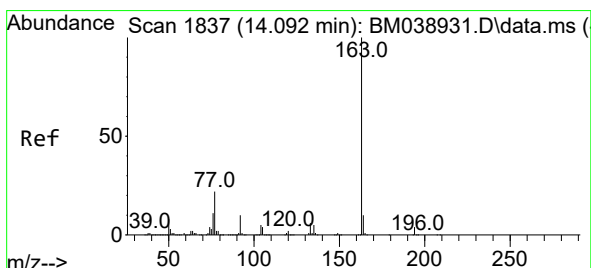
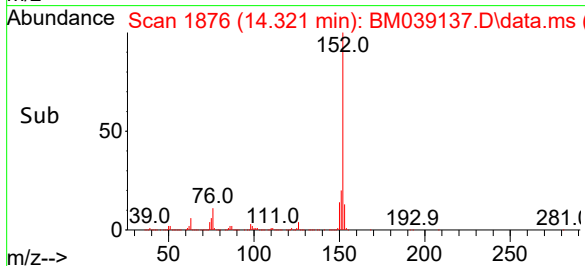
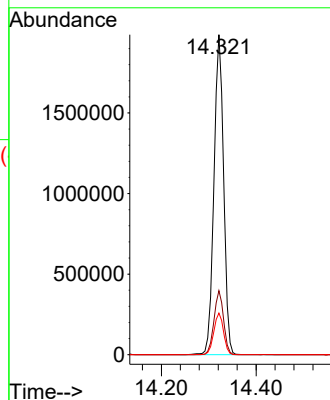
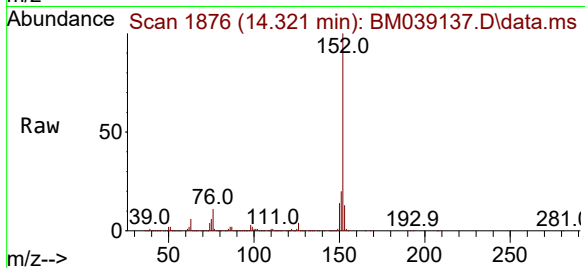
Tgt Ion:152 Resp: 2814914

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 40.882 ng

RT: 14.063 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

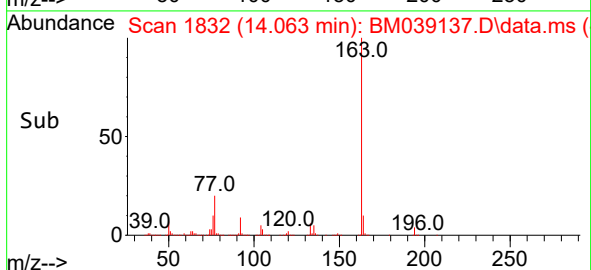
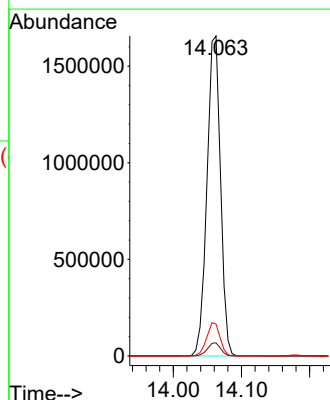
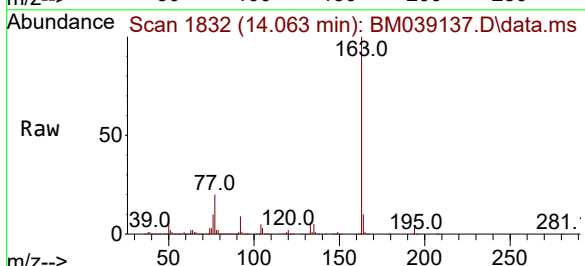
Tgt Ion:163 Resp: 2286383

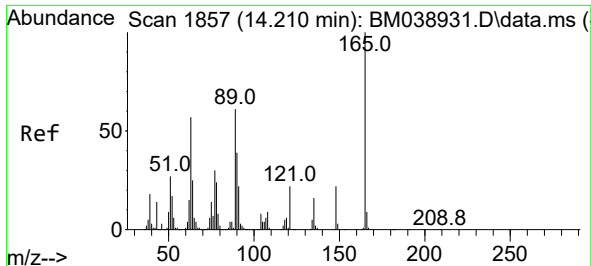
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.9 8.1 12.1

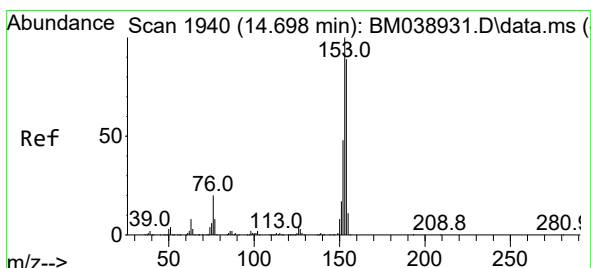
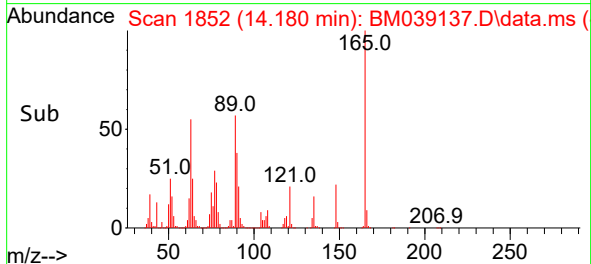
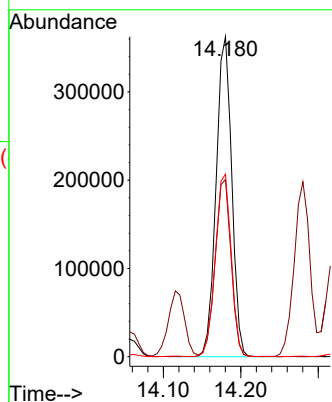
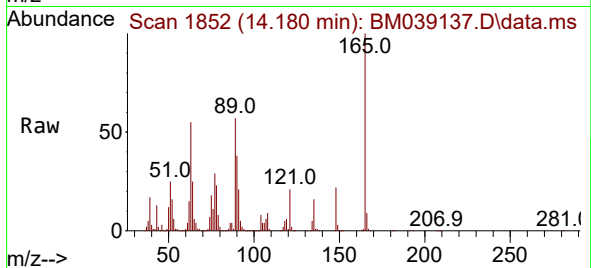




#51
2,6-Dinitrotoluene
Concen: 41.225 ng
RT: 14.180 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

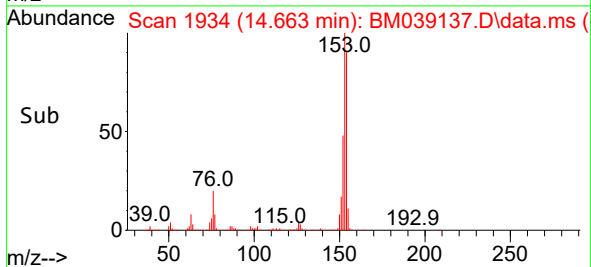
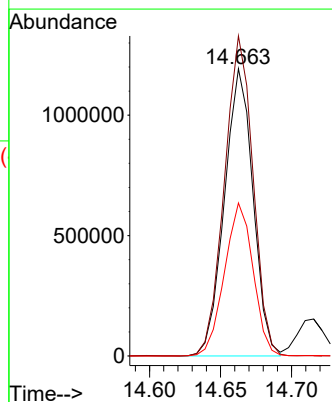
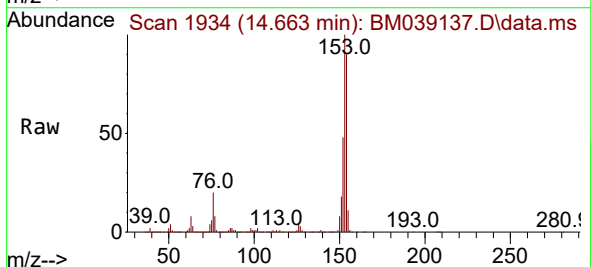
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

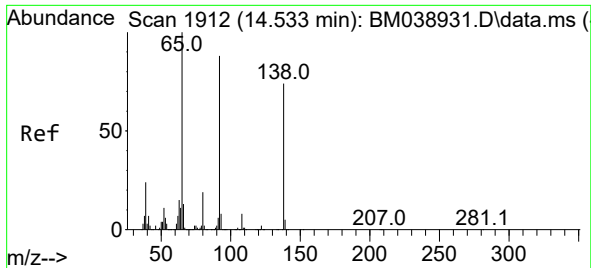
Tgt Ion:165 Resp: 507240
Ion Ratio Lower Upper
165 100
63 55.3 46.6 70.0
89 57.1 48.6 73.0



#52
Acenaphthene
Concen: 36.819 ng
RT: 14.663 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:154 Resp: 1673461
Ion Ratio Lower Upper
154 100
153 111.4 90.2 135.2
152 53.3 43.4 65.2

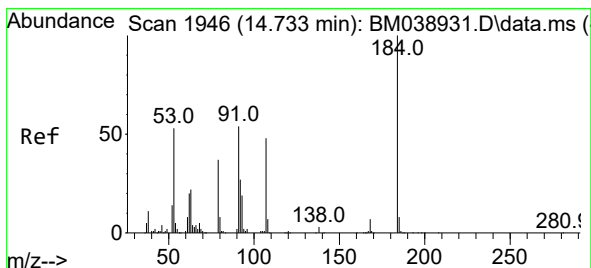
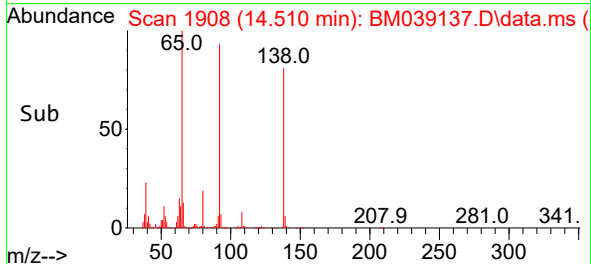
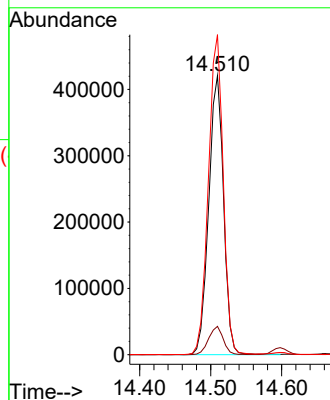
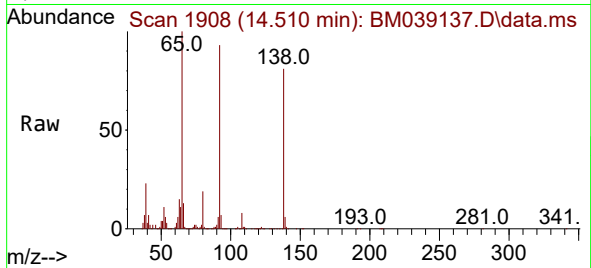




#53
3-Nitroaniline
Concen: 42.498 ng
RT: 14.510 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

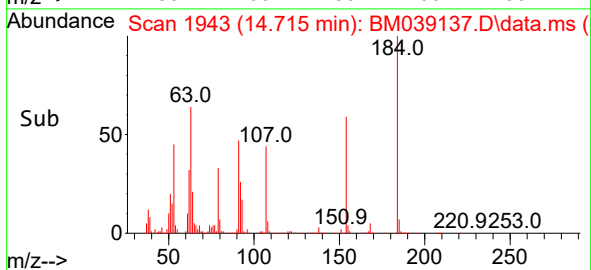
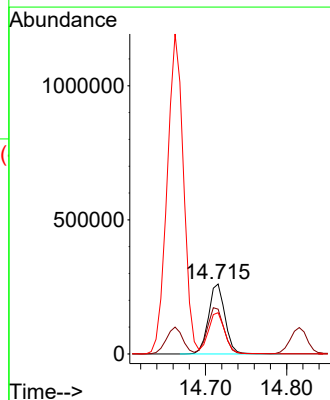
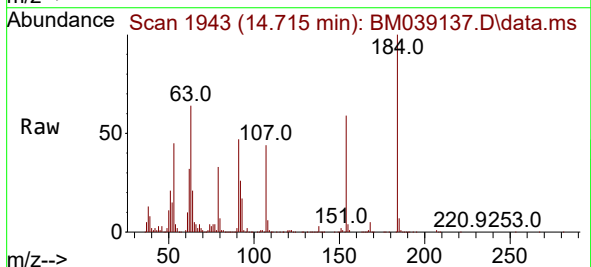
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

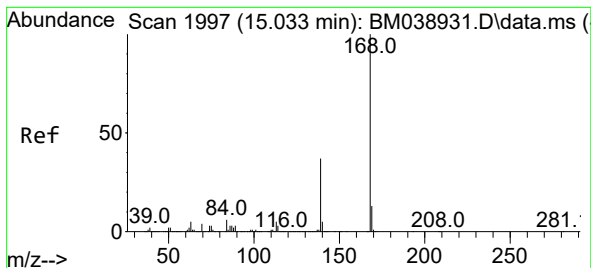
Tgt Ion:138 Resp: 611751
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 114.7 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 53.194 ng
RT: 14.715 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:184 Resp: 364936
Ion Ratio Lower Upper
184 100
63 64.0 60.6 90.8
154 59.0 51.4 77.2





#55

Dibenzenofuran

Concen: 37.686 ng

RT: 14.998 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

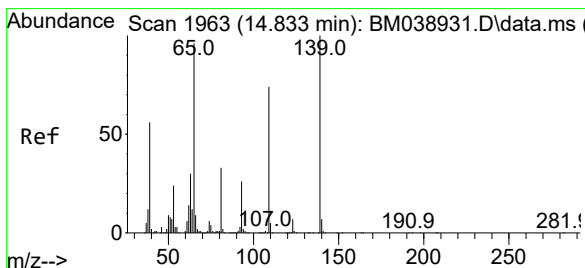
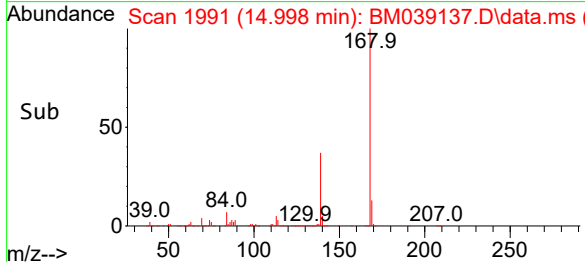
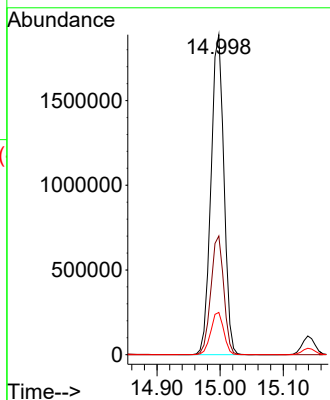
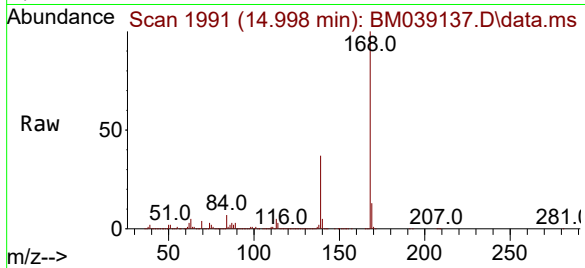
Tgt Ion:168 Resp: 2680382

Ion Ratio Lower Upper

168 100

139 37.1 29.9 44.9

169 13.2 10.7 16.1



#56

4-Nitrophenol

Concen: 45.439 ng

RT: 14.815 min Scan# 1960

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

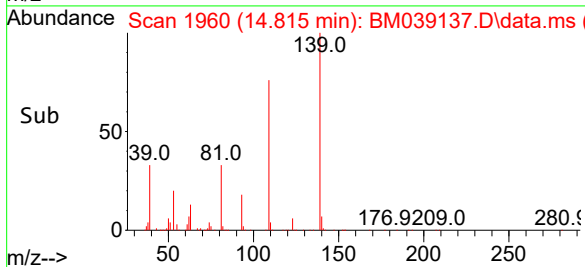
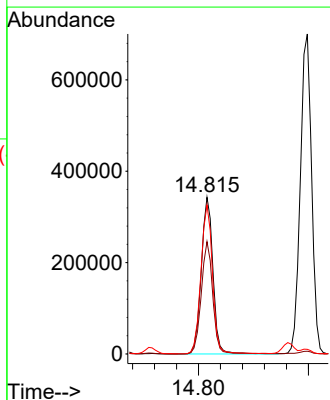
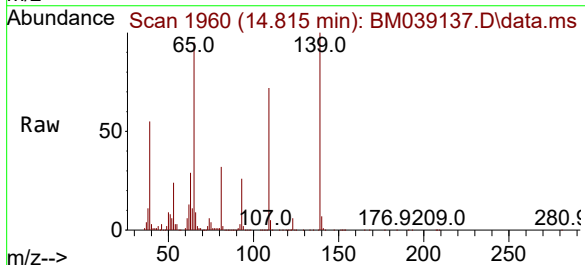
Tgt Ion:139 Resp: 504703

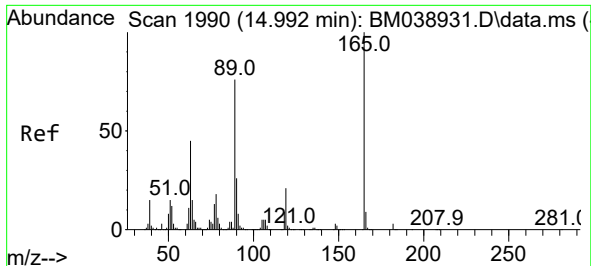
Ion Ratio Lower Upper

139 100

109 71.7 53.5 93.5

65 95.1 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 44.180 ng

RT: 14.963 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 716322

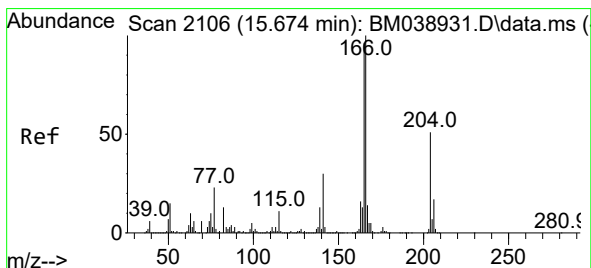
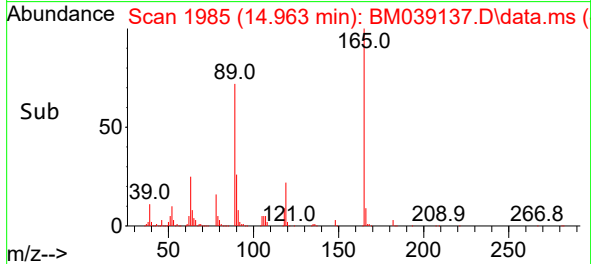
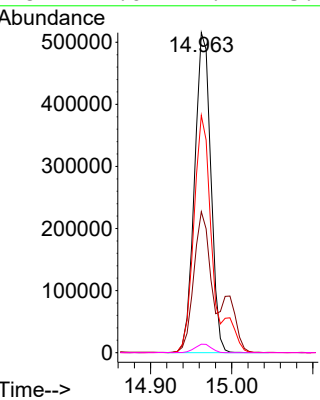
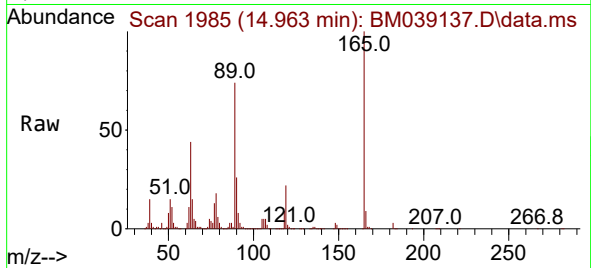
Ion Ratio Lower Upper

165 100

63 44.1 35.9 53.9

89 74.1 61.0 91.6

182 2.6 2.1 3.1



#58

Fluorene

Concen: 39.265 ng

RT: 15.645 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

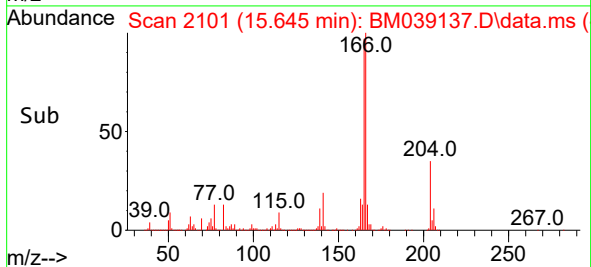
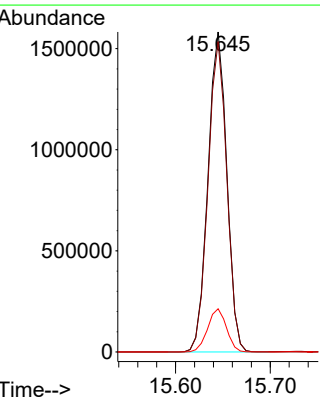
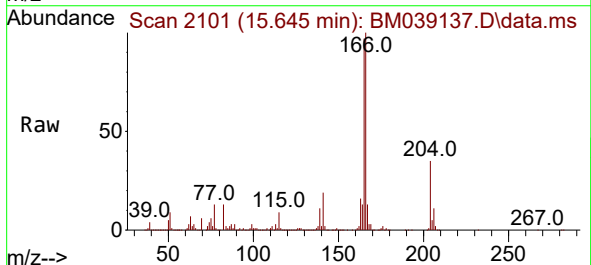
Tgt Ion:166 Resp: 2187626

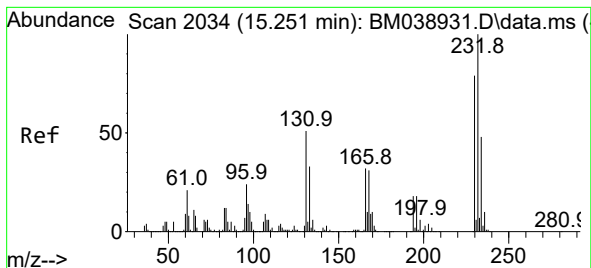
Ion Ratio Lower Upper

166 100

165 97.0 77.1 115.7

167 13.5 10.9 16.3

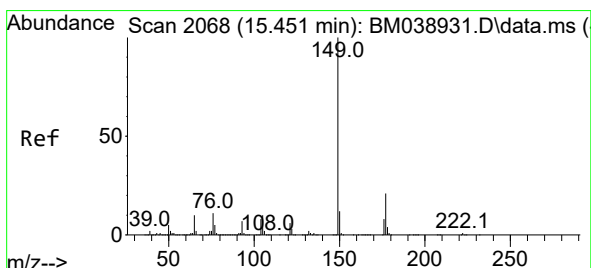
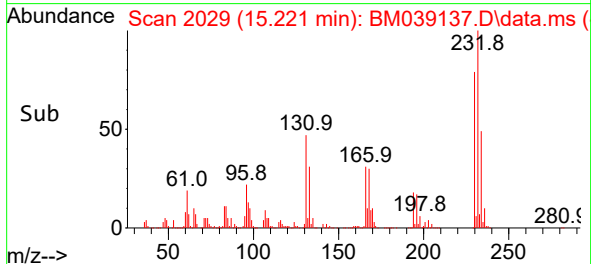
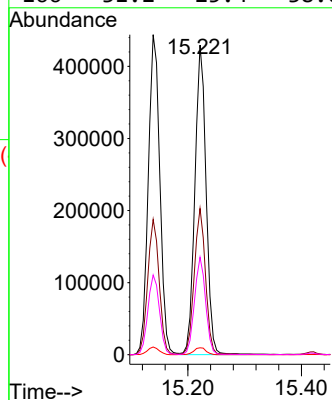
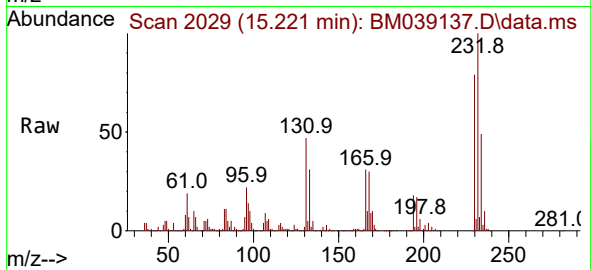




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.838 ng
RT: 15.221 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

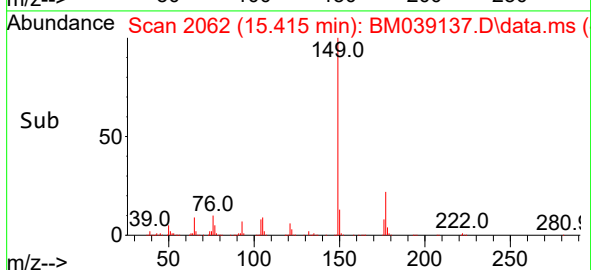
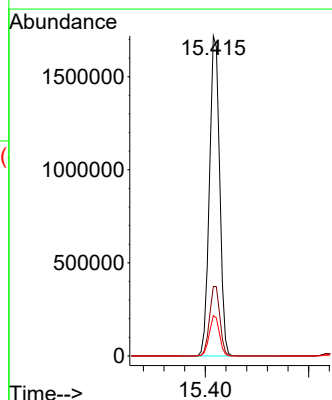
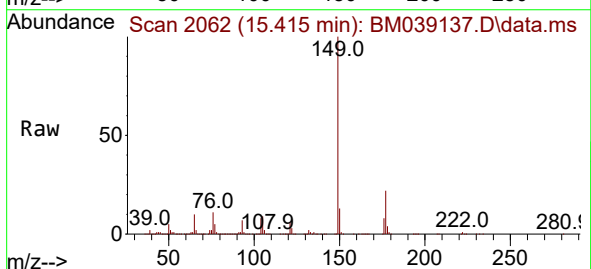
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

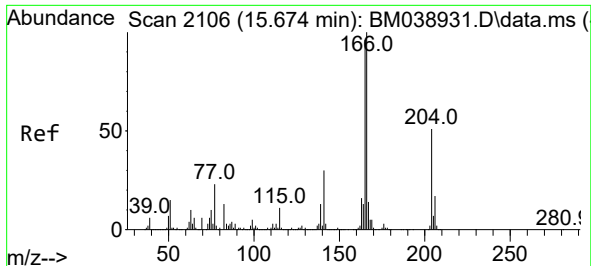
Tgt Ion:232 Resp: 591680
Ion Ratio Lower Upper
232 100
131 47.2 40.0 60.0
130 2.4 2.0 3.0
166 31.2 25.4 38.0



#60
Diethylphthalate
Concen: 43.280 ng
RT: 15.415 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:149 Resp: 2355207
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.6 9.7 14.5

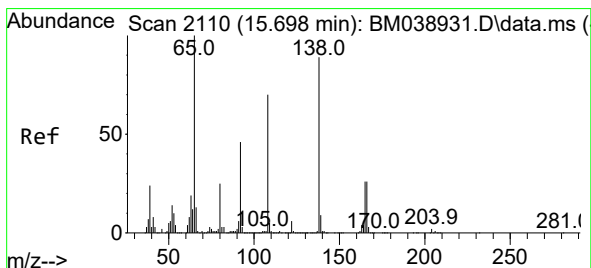
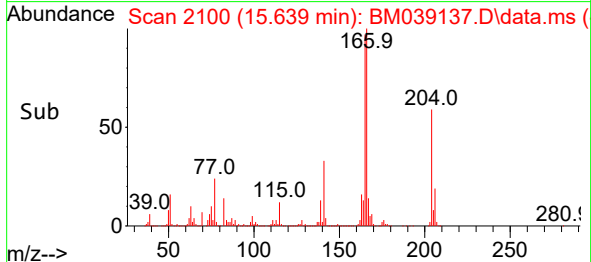
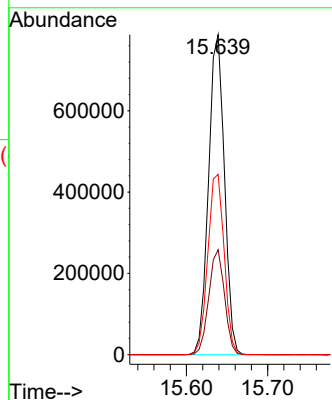
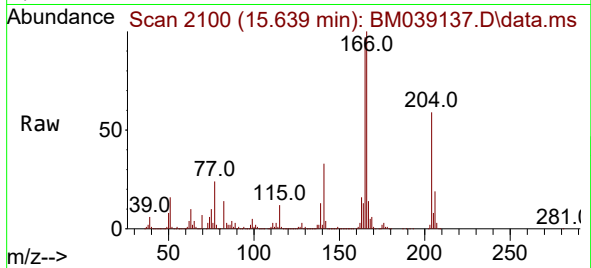




#61
4-Chlorophenyl-phenylether
Concen: 38.998 ng
RT: 15.639 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

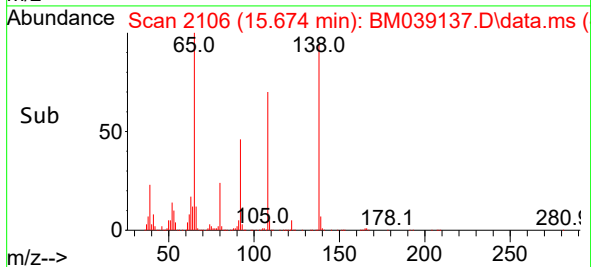
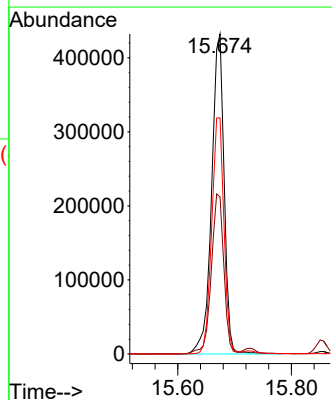
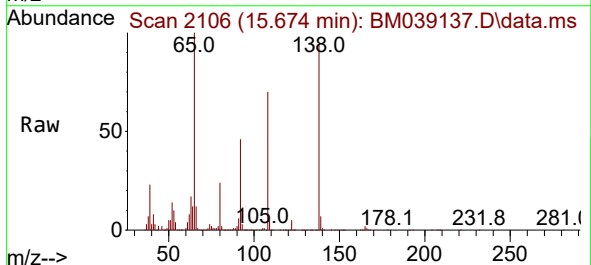
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

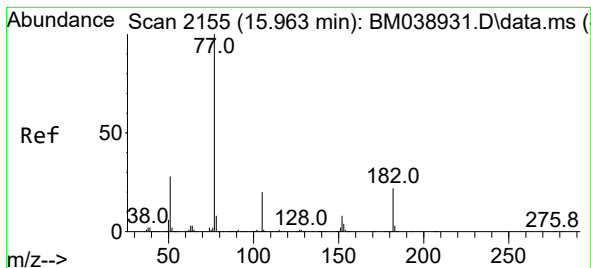
Tgt Ion:204 Resp: 1067402
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 56.4 46.4 69.6



#62
4-Nitroaniline
Concen: 44.907 ng
RT: 15.674 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:138 Resp: 659178
Ion Ratio Lower Upper
138 100
92 49.1 31.6 71.6
108 73.7 58.6 98.6





#63

Azobenzene

Concen: 41.278 ng

RT: 15.933 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 2376742

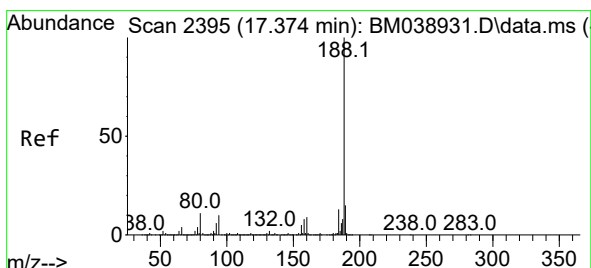
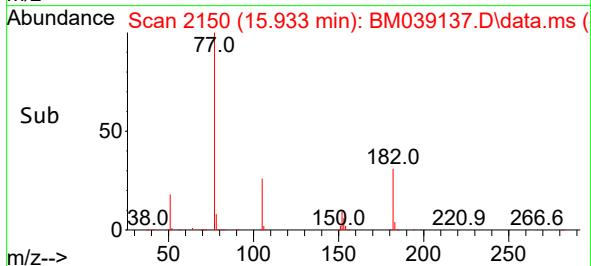
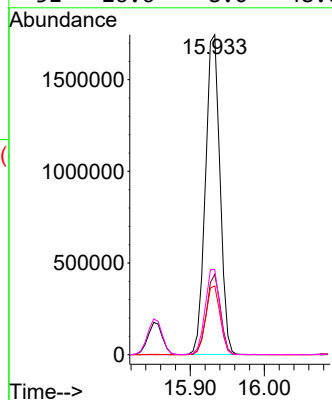
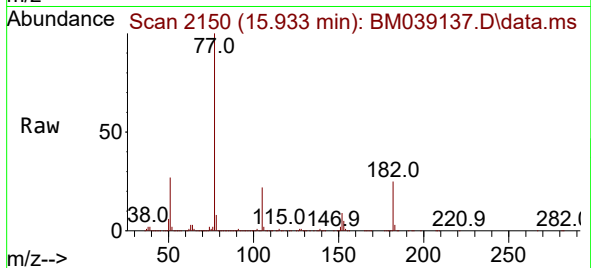
Ion Ratio Lower Upper

77 100

182 25.0 2.0 42.0

105 21.5 0.4 40.4

51 26.6 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.345 min Scan# 2390

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

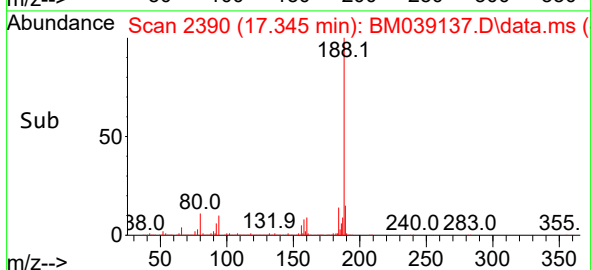
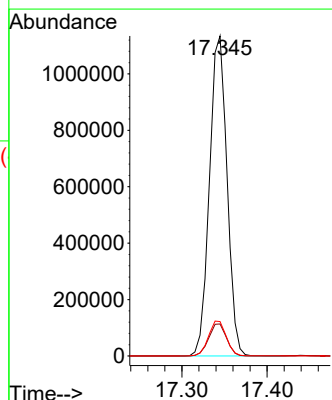
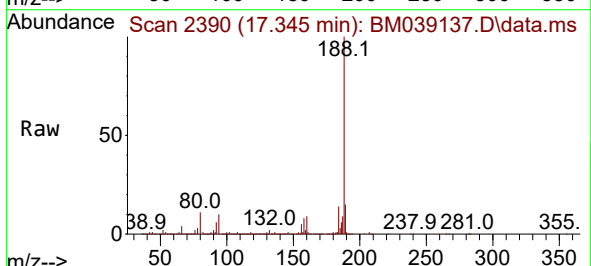
Tgt Ion:188 Resp: 1622131

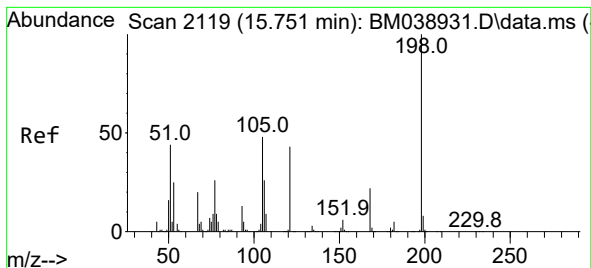
Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 10.8 8.5 12.7

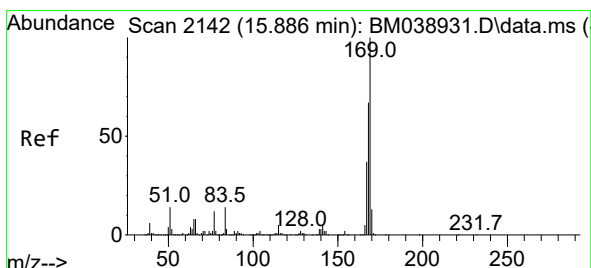
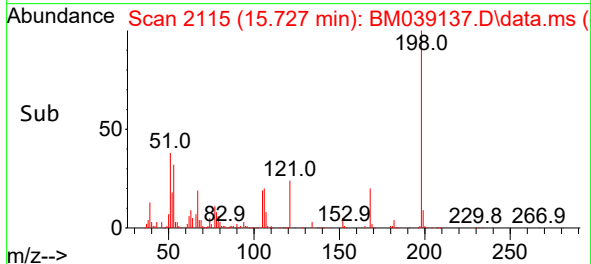
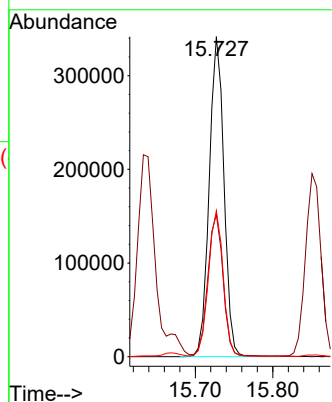
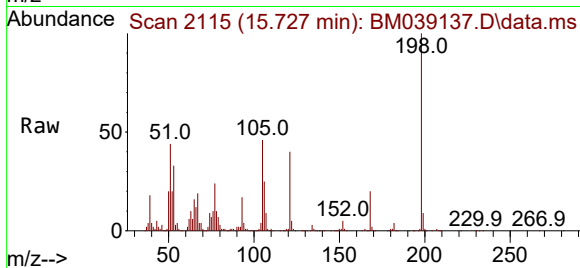




#65
4,6-Dinitro-2-methylphenol
Concen: 42.914 ng
RT: 15.727 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

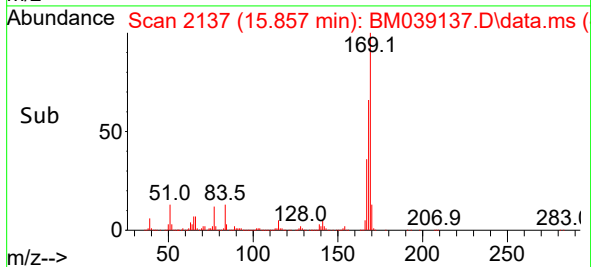
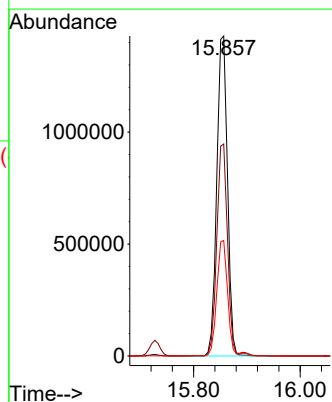
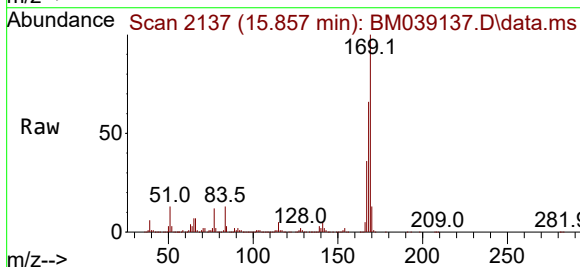
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

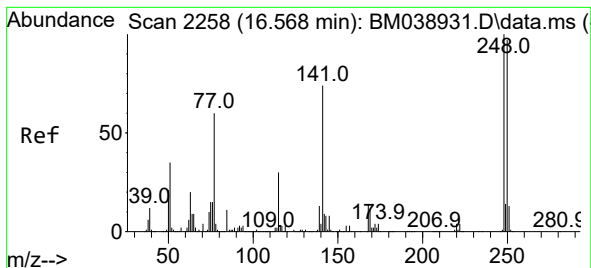
Tgt Ion:198 Resp: 451048
Ion Ratio Lower Upper
198 100
51 44.4 30.1 70.1
105 45.6 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 36.346 ng
RT: 15.857 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:169 Resp: 1987585
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 36.1 29.4 44.0

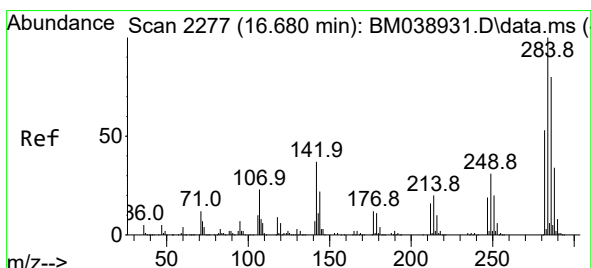
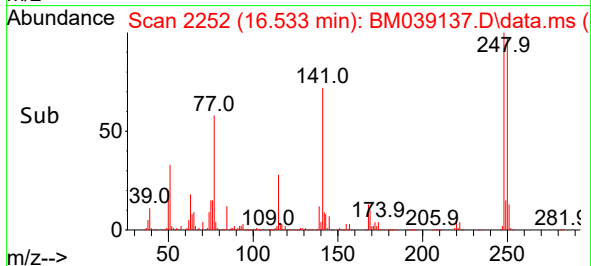
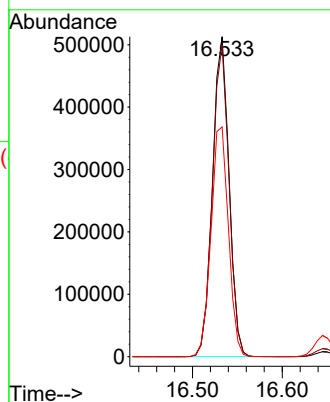
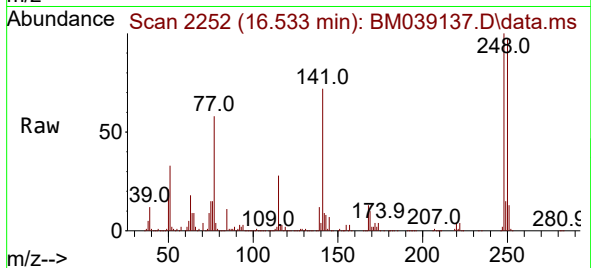




#67
4-Bromophenyl-phenylether
Concen: 37.599 ng
RT: 16.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

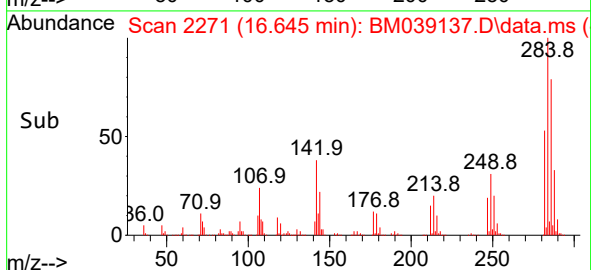
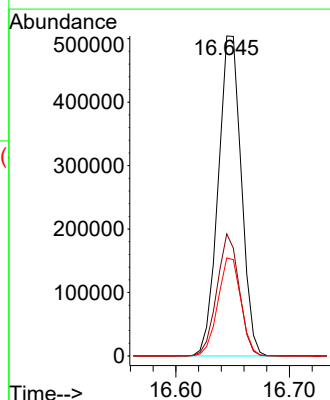
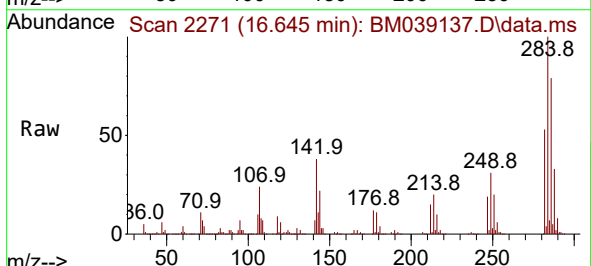
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

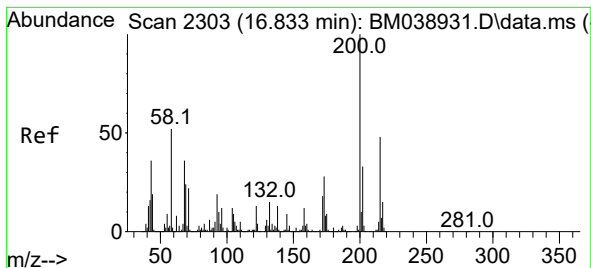
Tgt Ion:248 Resp: 658760
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.8
141 71.8 59.0 88.4



#68
Hexachlorobenzene
Concen: 36.423 ng
RT: 16.645 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:284 Resp: 713389
Ion Ratio Lower Upper
284 100
142 38.1 29.5 44.3
249 30.6 25.0 37.4





#69

Atrazine

Concen: 43.032 ng

RT: 16.809 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

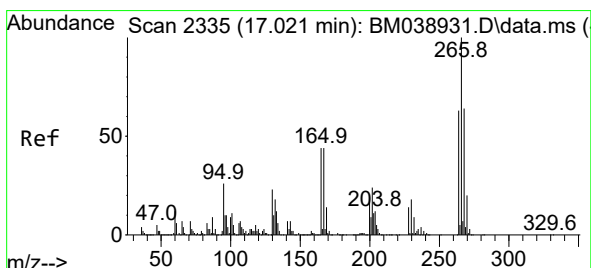
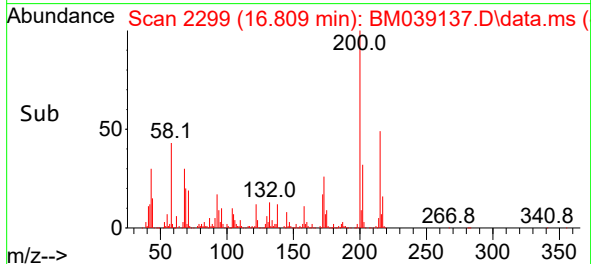
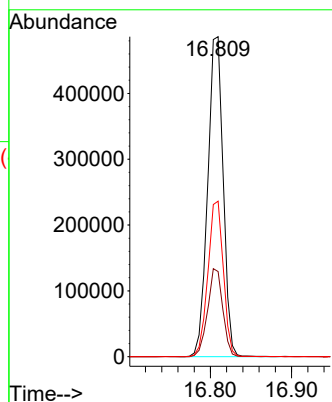
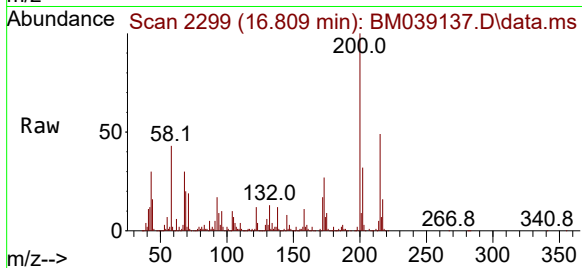
Tgt Ion:200 Resp: 642768

Ion Ratio Lower Upper

200 100

173 26.6 8.2 48.2

215 48.6 27.8 67.8



#70

Pentachlorophenol

Concen: 40.116 ng

RT: 16.992 min Scan# 2330

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

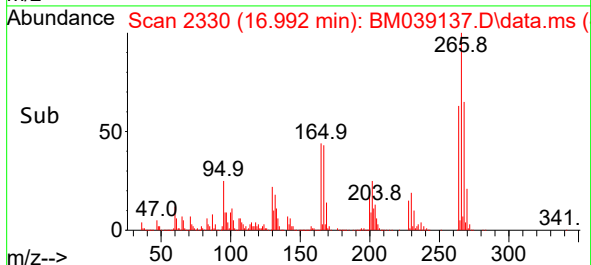
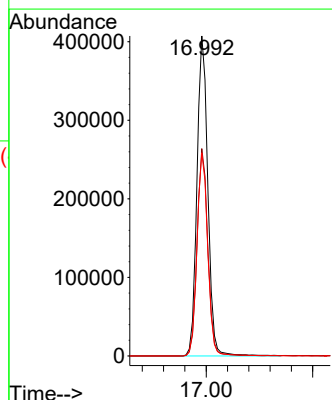
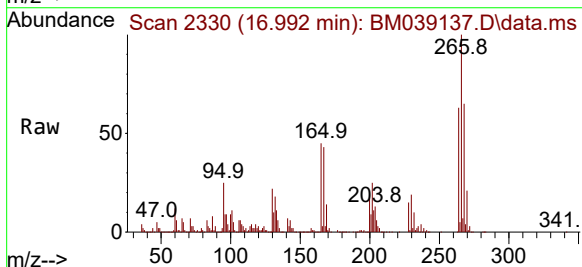
Tgt Ion:266 Resp: 577901

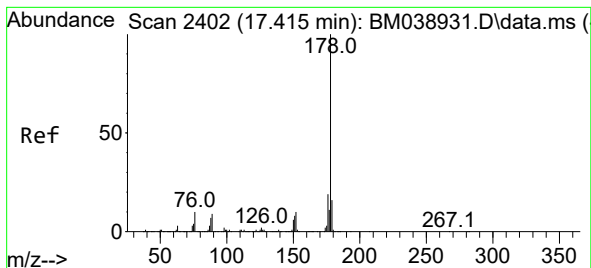
Ion Ratio Lower Upper

266 100

268 64.8 51.0 76.4

264 63.5 50.3 75.5





#71

Phenanthrene

Concen: 36.664 ng

RT: 17.386 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

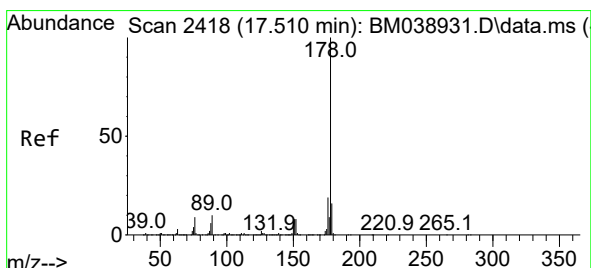
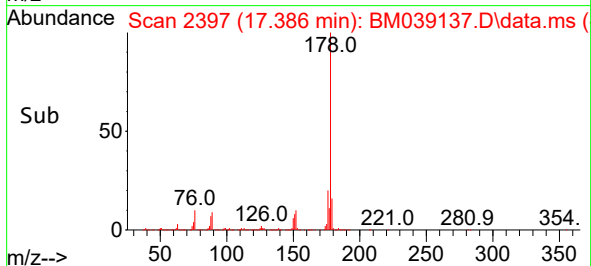
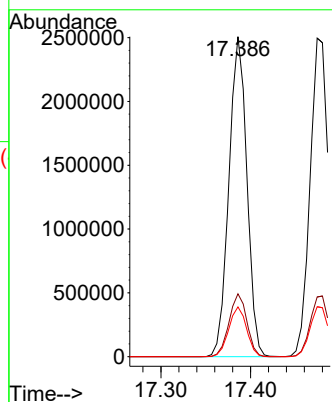
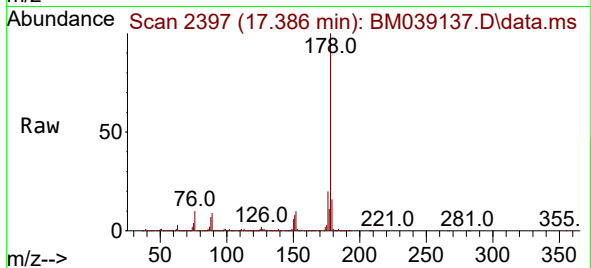
Tgt Ion:178 Resp: 3490583

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.6 12.5 18.7



#72

Anthracene

Concen: 38.033 ng

RT: 17.474 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

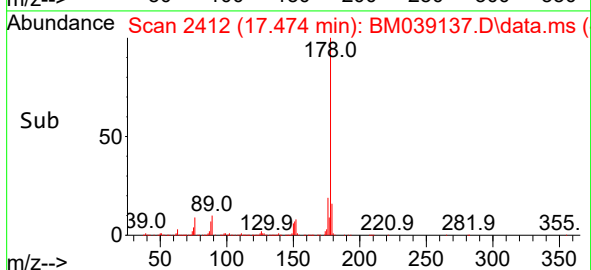
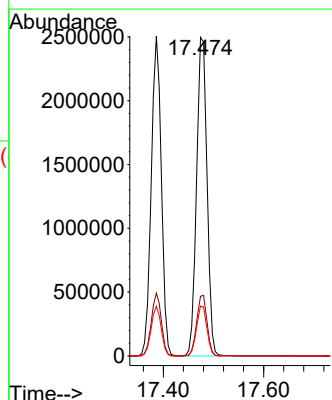
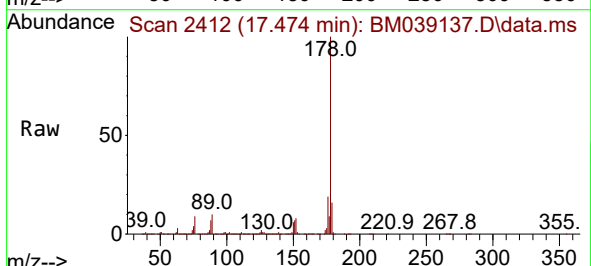
Tgt Ion:178 Resp: 3610943

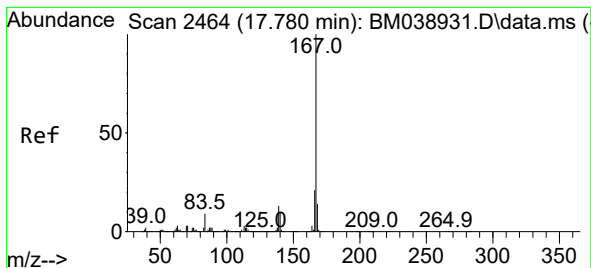
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.7 12.5 18.7





#73

Carbazole

Concen: 39.854 ng

RT: 17.751 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

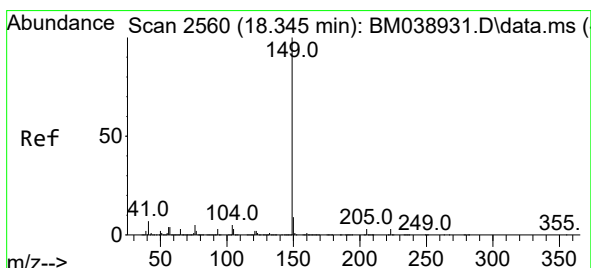
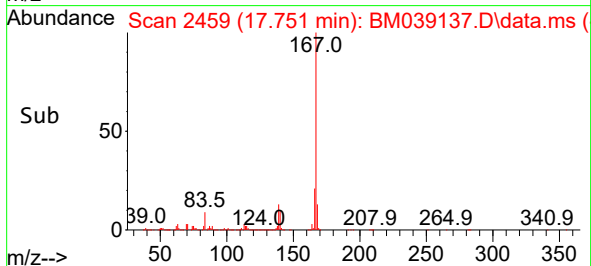
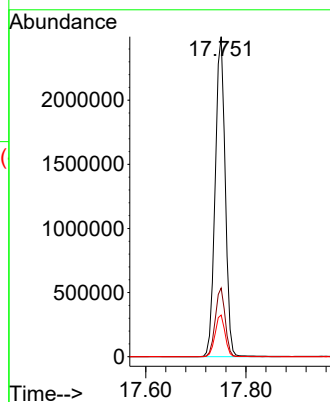
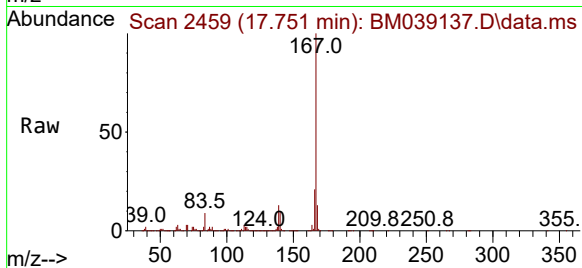
Tgt Ion:167 Resp: 3453355

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 41.078 ng

RT: 18.309 min Scan# 2554

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

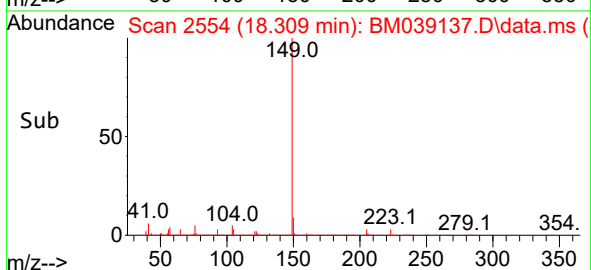
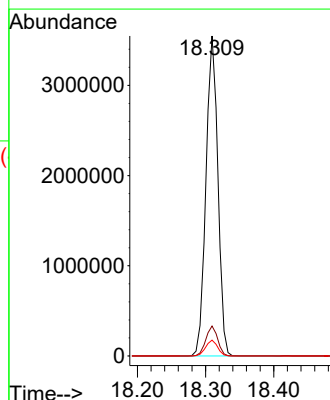
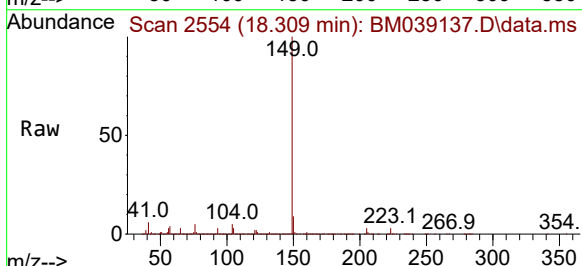
Tgt Ion:149 Resp: 4312954

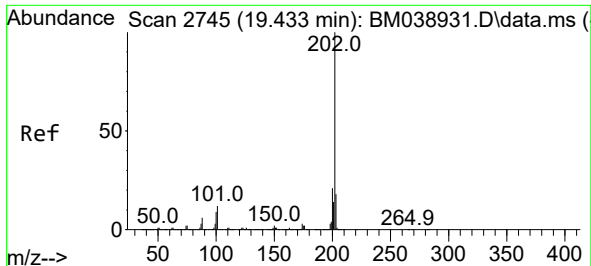
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.0 4.3 6.5

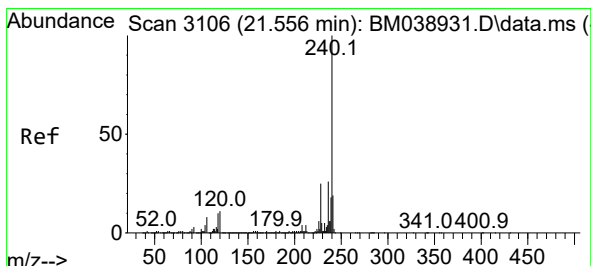
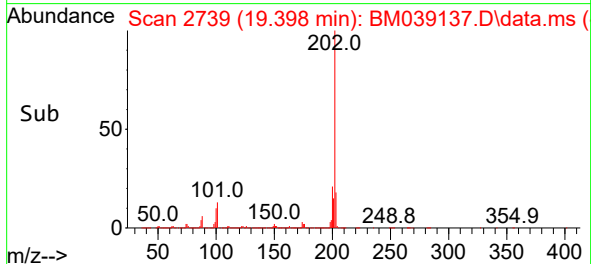
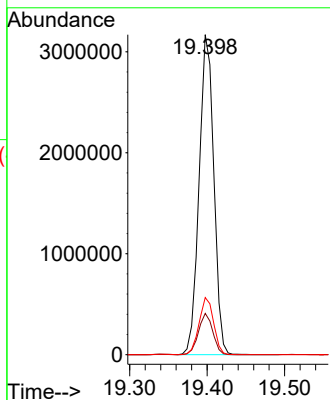
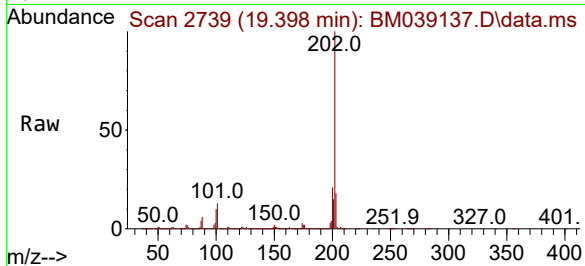




#75
Fluoranthene
Concen: 41.516 ng
RT: 19.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

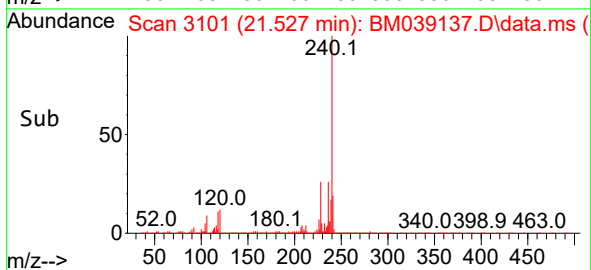
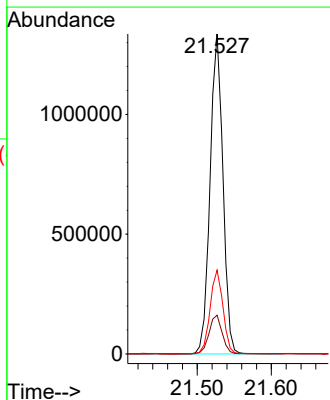
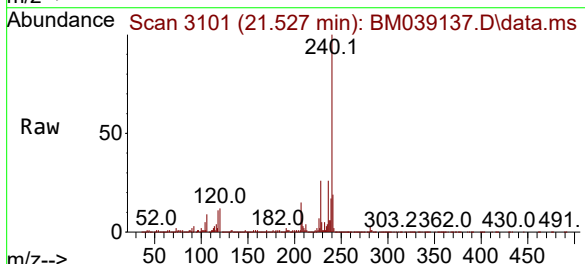
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

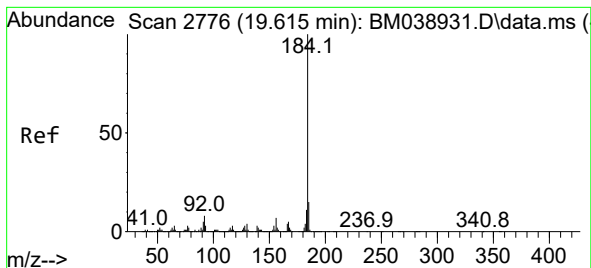
Tgt Ion:202 Resp: 4173191
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.7
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:240 Resp: 1605208
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 26.2 20.8 31.2





#77

Benzidine

Concen: 34.392 ng

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

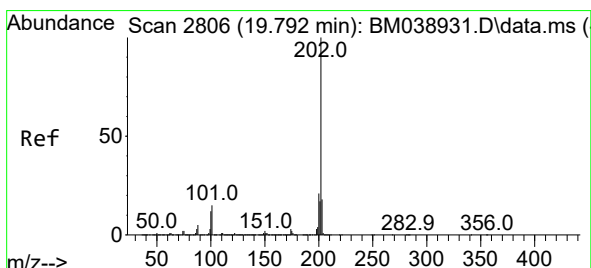
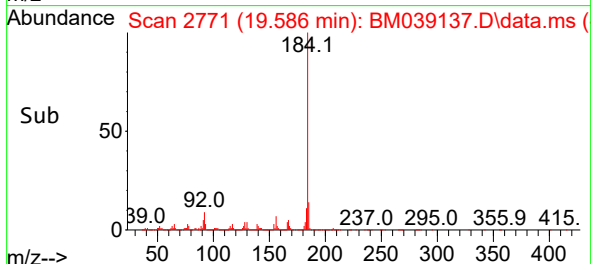
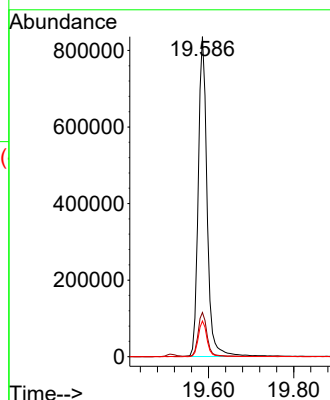
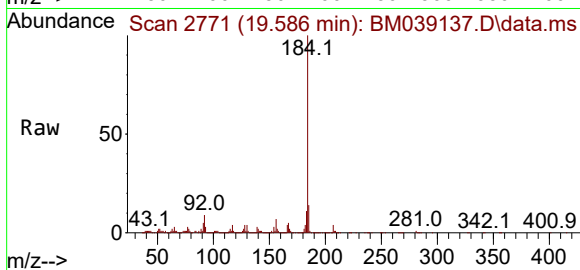
Tgt Ion:184 Resp: 1202099

Ion Ratio Lower Upper

184 100

185 13.8 12.2 18.4

183 11.2 8.8 13.2



#78

Pyrene

Concen: 36.306 ng

RT: 19.762 min Scan# 2801

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

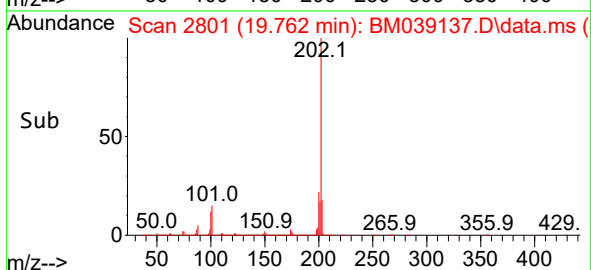
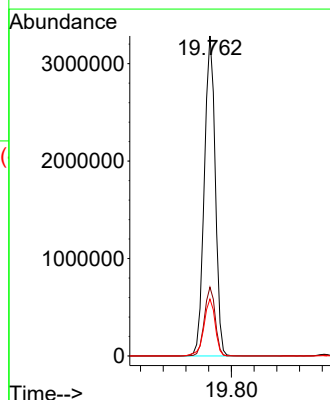
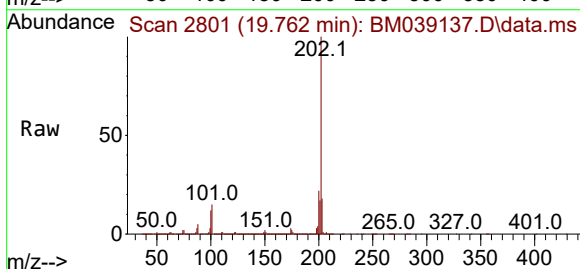
Tgt Ion:202 Resp: 4377186

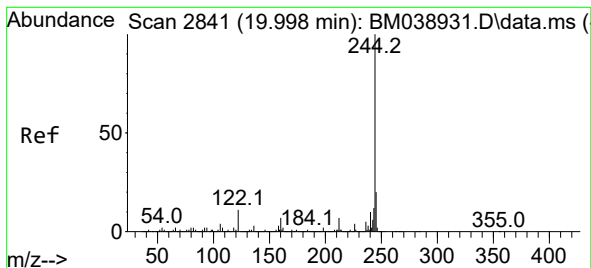
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 71.840 ng

RT: 19.962 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

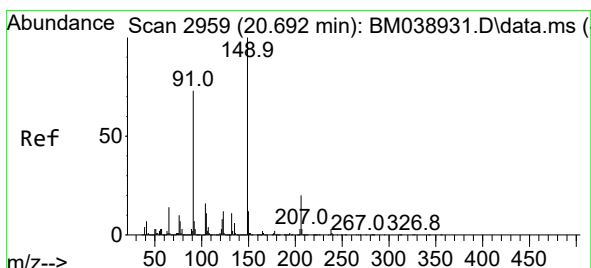
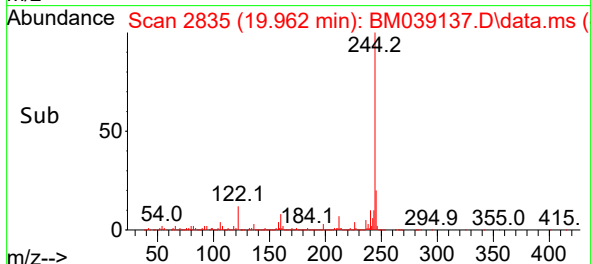
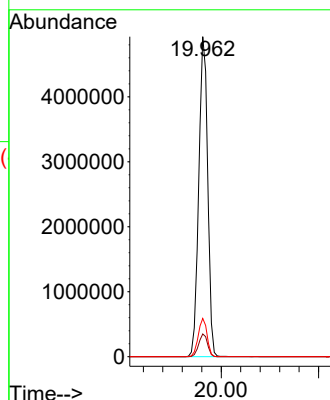
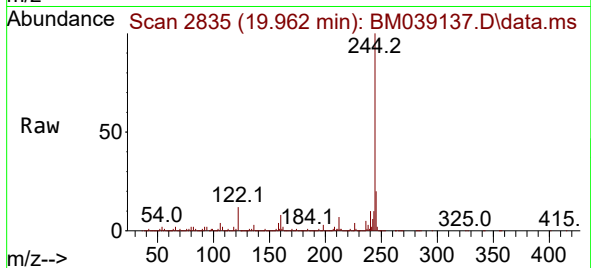
Tgt Ion:244 Resp: 6307260

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 12.0 9.0 13.4



#80

Butylbenzylphthalate

Concen: 42.220 ng

RT: 20.656 min Scan# 2953

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

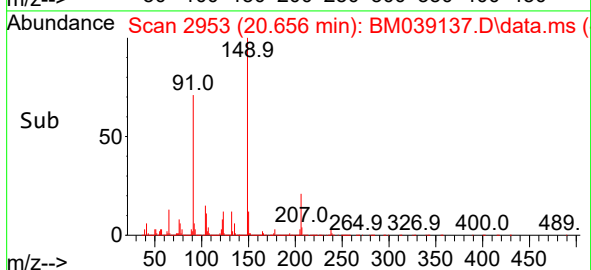
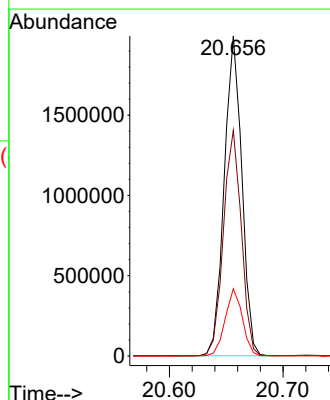
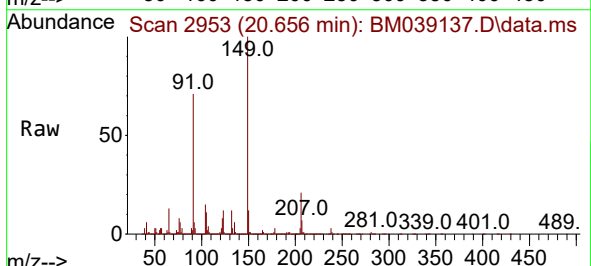
Tgt Ion:149 Resp: 2142391

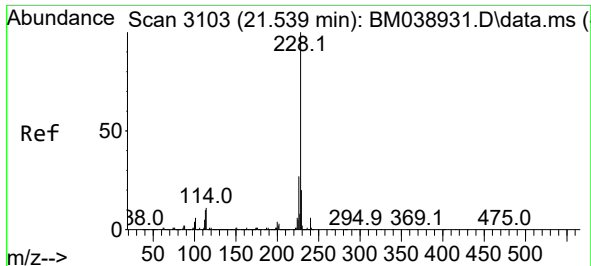
Ion Ratio Lower Upper

149 100

91 70.6 58.4 87.6

206 21.0 16.1 24.1

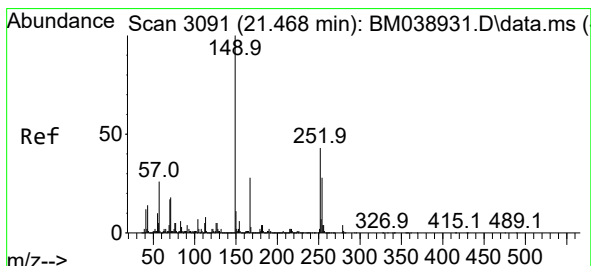
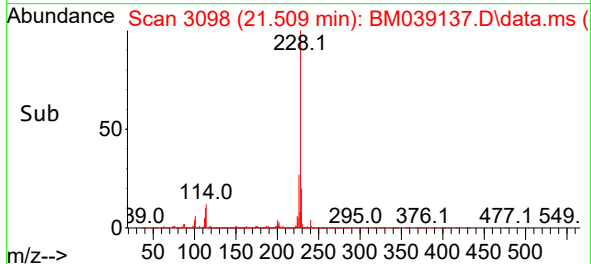
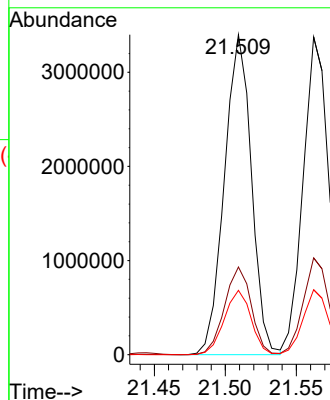
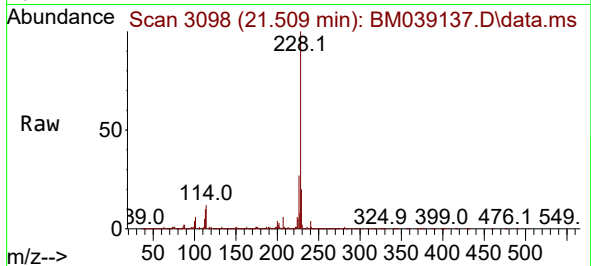




#81
Benzo(a)anthracene
Concen: 38.906 ng
RT: 21.509 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

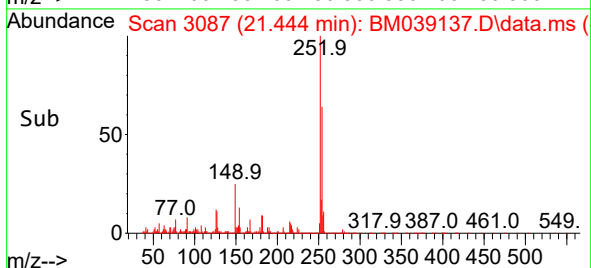
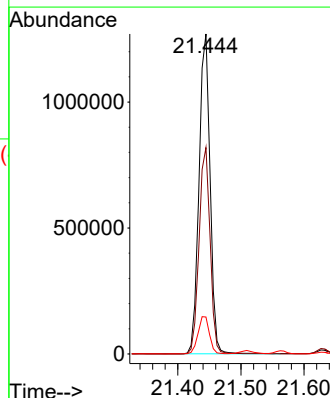
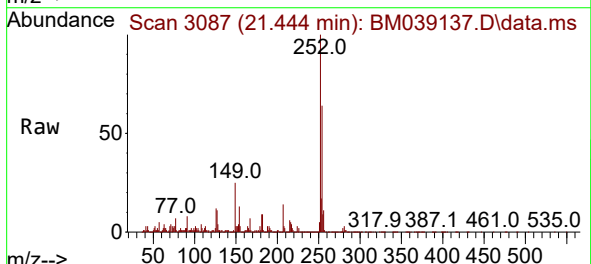
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

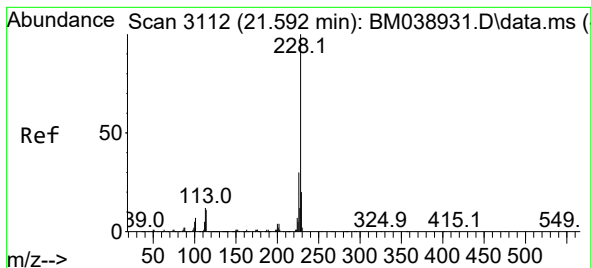
Tgt Ion:228 Resp: 4497478
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.2
229 20.1 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 43.352 ng
RT: 21.444 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:252 Resp: 1540210
Ion Ratio Lower Upper
252 100
254 64.5 51.5 77.3
126 11.6 9.9 14.9





#83

Chrysene

Concen: 37.432 ng

RT: 21.562 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

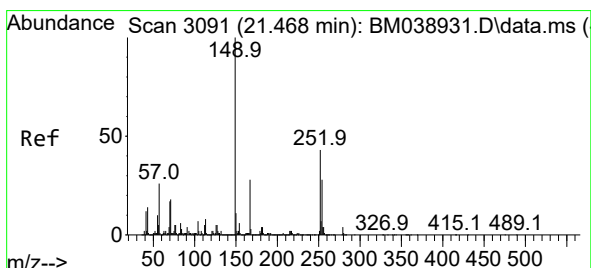
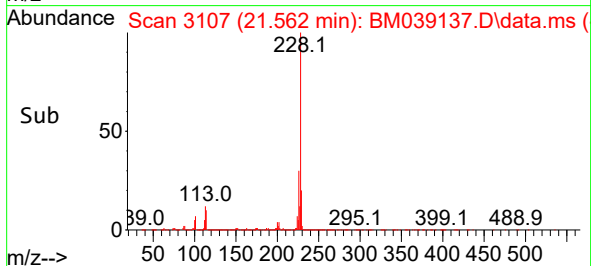
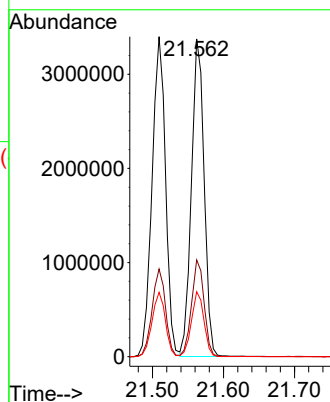
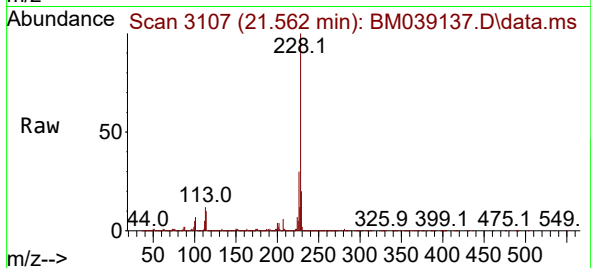
Tgt Ion:228 Resp: 4208438

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

229 20.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.442 ng

RT: 21.433 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

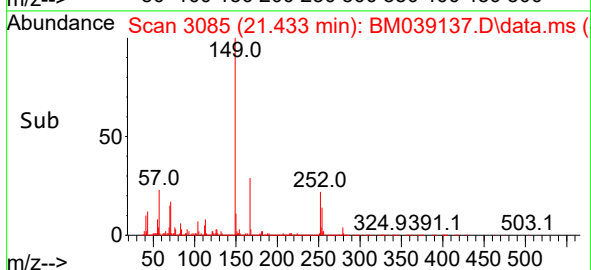
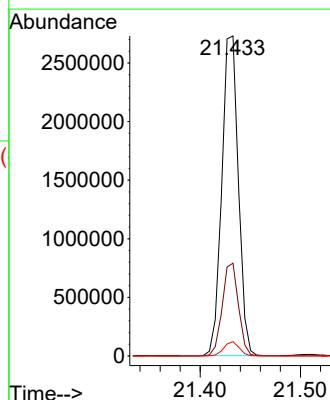
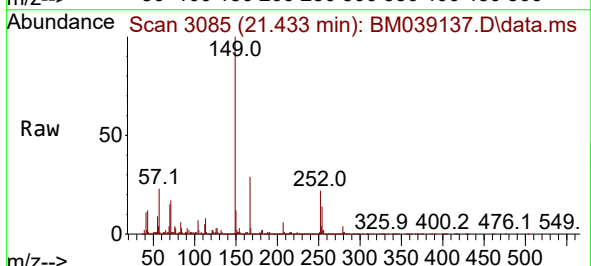
Tgt Ion:149 Resp: 3123382

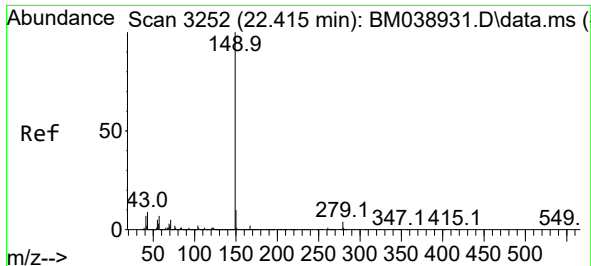
Ion Ratio Lower Upper

149 100

167 29.0 22.3 33.5

279 4.4 3.2 4.8

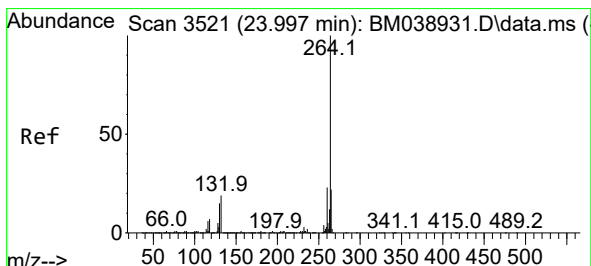
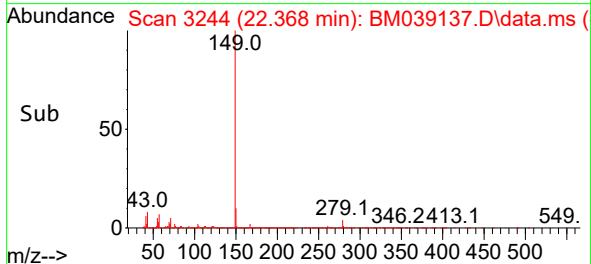
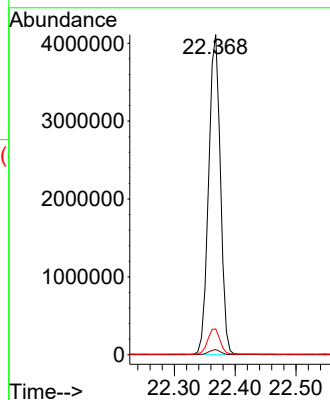
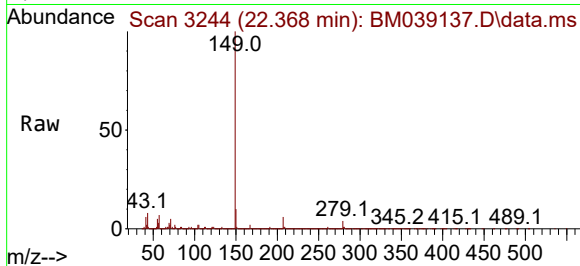




#85
Di-n-octyl phthalate
Concen: 44.990 ng
RT: 22.368 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

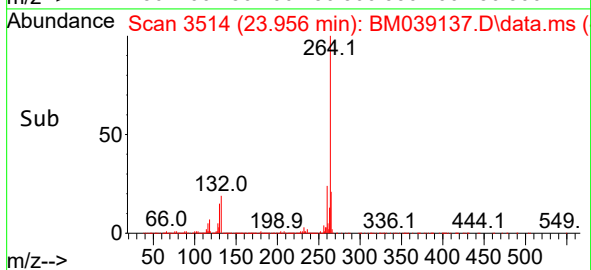
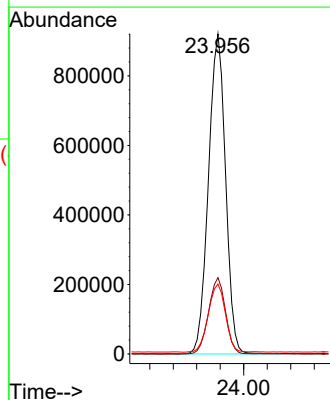
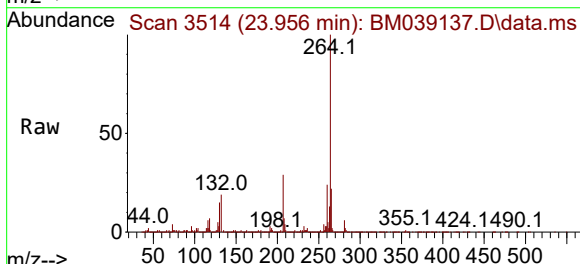
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

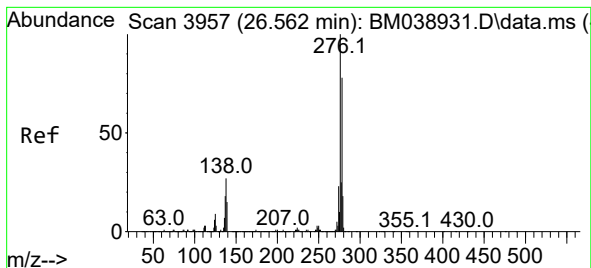
Tgt Ion:149 Resp: 5502101
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.3 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.956 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BM039137.D
Acq: 24 Mar 2023 12:01

Tgt Ion:264 Resp: 1856734
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.9 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.004 ng

RT: 26.491 min Scan# 3945

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

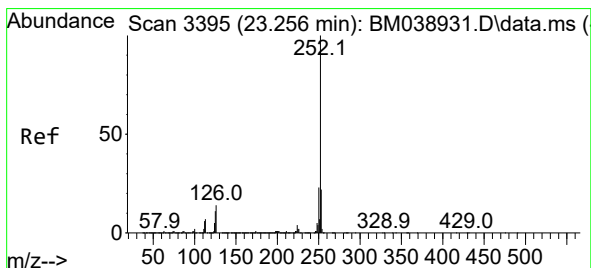
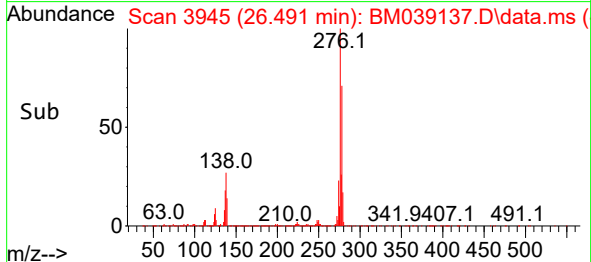
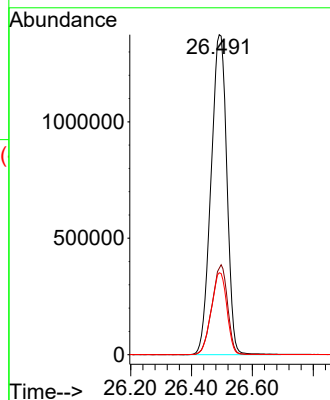
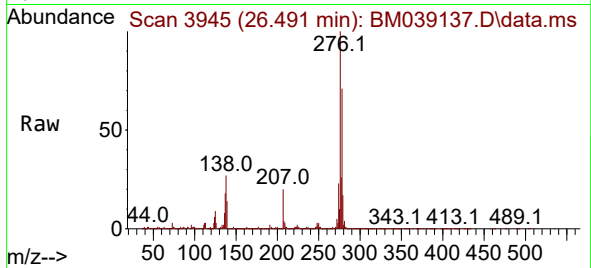
Tgt Ion:276 Resp: 4945567

Ion Ratio Lower Upper

276 100

138 27.7 22.1 33.1

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 37.153 ng

RT: 23.215 min Scan# 3388

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

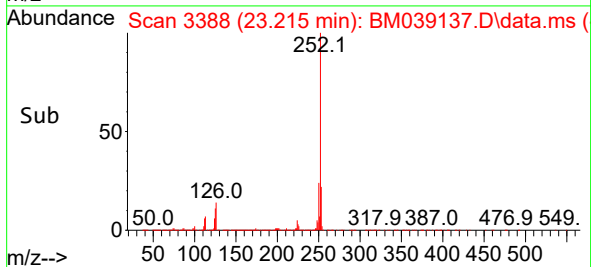
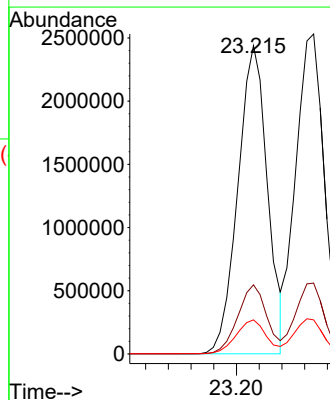
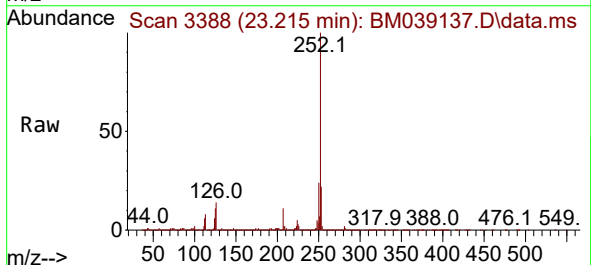
Tgt Ion:252 Resp: 4407129

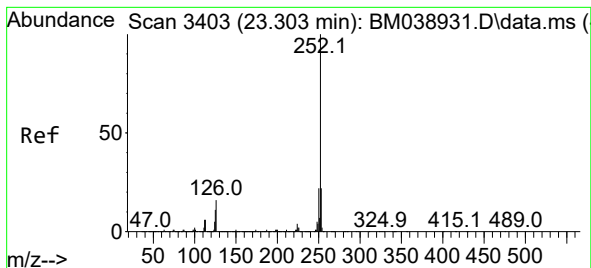
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 11.1 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 35.700 ng

RT: 23.268 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

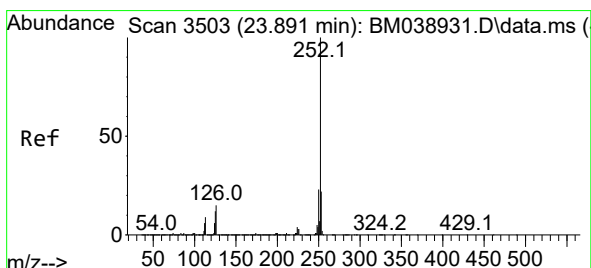
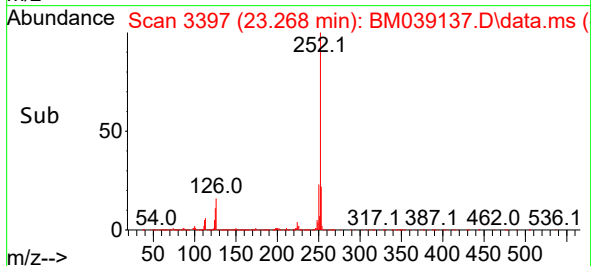
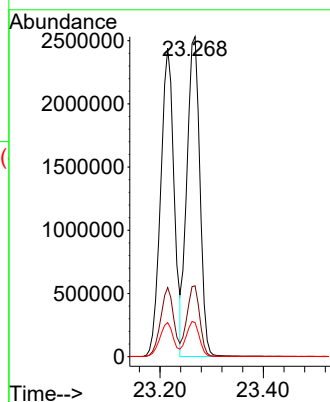
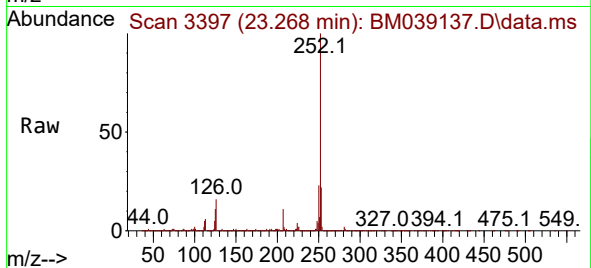
Tgt Ion:252 Resp: 4407151

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.7 8.9 13.3



#90

Benzo(a)pyrene

Concen: 37.758 ng

RT: 23.850 min Scan# 3496

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

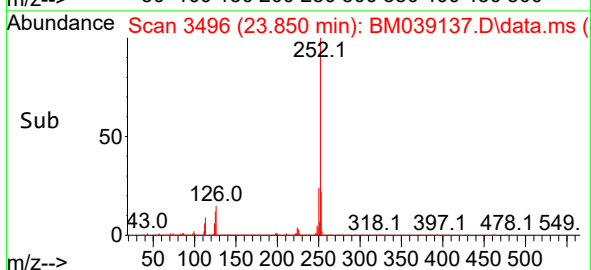
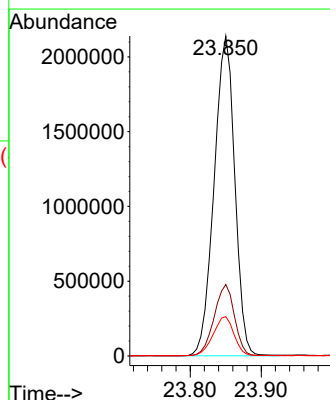
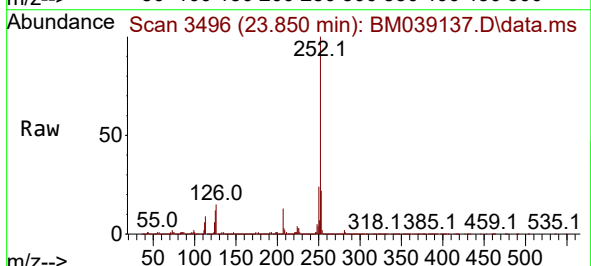
Tgt Ion:252 Resp: 4310598

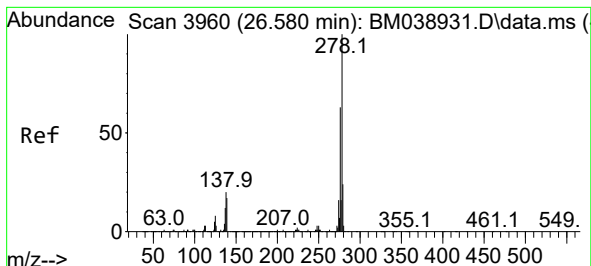
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 12.3 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 34.716 ng

RT: 26.509 min Scan# 3948

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

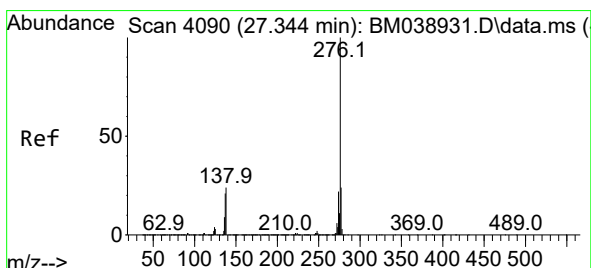
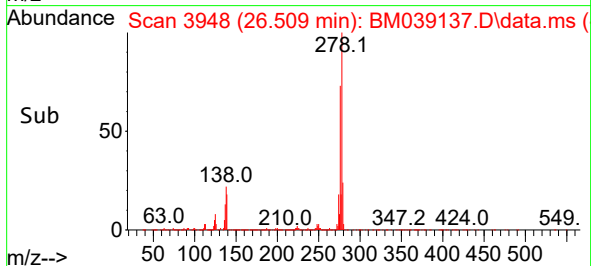
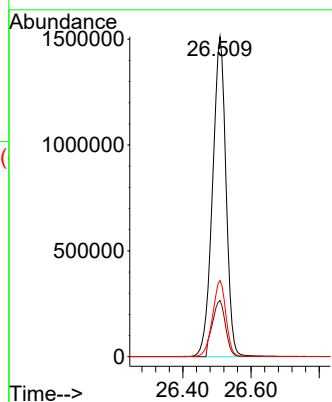
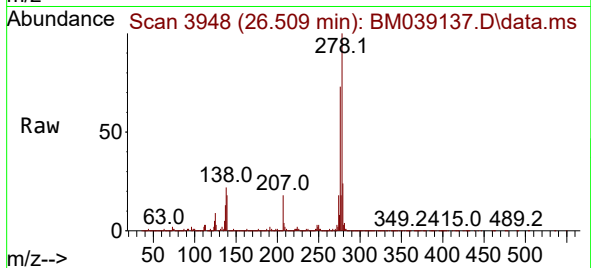
Tgt Ion:278 Resp: 4153828

Ion Ratio Lower Upper

278 100

139 17.5 13.7 20.5

279 23.8 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 34.151 ng

RT: 27.273 min Scan# 4078

Delta R.T. 0.000 min

Lab File: BM039137.D

Acq: 24 Mar 2023 12:01

Tgt Ion:276 Resp: 3997726

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 23.8 19.0 28.6

