

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
 Data File : BM038474.D
 Acq On : 18 Jan 2023 11:12
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 19 06:10:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 06:09:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	60397	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	225425	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	143444	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	322857	20.000	ng	0.00
76) Chrysene-d12	21.527	240	344652	20.000	ng	0.00
86) Perylene-d12	23.938	264	370000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	315286	79.629	ng	0.00
7) Phenol-d6	7.139	99	398117	78.494	ng	0.00
23) Nitrobenzene-d5	9.151	82	455281	82.291	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	182141	75.112	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	919672	79.956	ng	0.00
79) Terphenyl-d14	19.962	244	1592675	86.509	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	74206	41.011	ng	100
3) Pyridine	3.793	79	211943	40.492	ng	97
4) n-Nitrosodimethylamine	3.704	42	127798	41.265	ng	97
6) Aniline	7.304	93	252061	39.345	ng	99
8) 2-Chlorophenol	7.534	128	156609	39.950	ng	95
9) Benzaldehyde	7.116	77	134376	39.620	ng	96
10) Phenol	7.163	94	205293	38.841	ng	95
11) bis(2-Chloroethyl)ether	7.398	93	172930	40.373	ng	98
12) 1,3-Dichlorobenzene	7.863	146	170454	40.589	ng	99
13) 1,4-Dichlorobenzene	8.010	146	169989	40.234	ng	97
14) 1,2-Dichlorobenzene	8.328	146	169198	40.958	ng	98
15) Benzyl Alcohol	8.222	79	172223	42.396	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.510	45	257694	43.152	ng	100
17) 2-Methylphenol	8.422	107	148528	41.606	ng	98
18) Hexachloroethane	9.057	117	74952	43.311	ng	96
19) n-Nitroso-di-n-propyla...	8.792	70	157512	42.783	ng	99
20) 3+4-Methylphenols	8.751	107	192888	40.243	ng	99
22) Acetophenone	8.810	105	263212	39.502	ng	97
24) Nitrobenzene	9.192	77	238826	40.856	ng	98
25) Isophorone	9.716	82	394538	40.260	ng	98
26) 2-Nitrophenol	9.904	139	84429	41.139	ng	97
27) 2,4-Dimethylphenol	9.957	122	138045	39.502	ng	96
28) bis(2-Chloroethoxy)met...	10.198	93	224077	40.657	ng	97
29) 2,4-Dichlorophenol	10.433	162	155877	40.376	ng	97
30) 1,2,4-Trichlorobenzene	10.651	180	175084	39.218	ng	99
31) Naphthalene	10.839	128	474417	39.710	ng	100
32) Benzoic acid	10.098	122	99796	35.893	ng	98
33) 4-Chloroaniline	10.957	127	204736	39.044	ng	98
34) Hexachlorobutadiene	11.110	225	123070	39.309	ng	97
35) Caprolactam	11.751	113	40666	37.268	ng	# 89
36) 4-Chloro-3-methylphenol	12.074	107	169772	40.332	ng	94
37) 2-Methylnaphthalene	12.445	142	332305	38.040	ng	98
38) 1-Methylnaphthalene	12.663	142	317343	38.696	ng	100
40) 1,2,4,5-Tetrachloroben...	12.810	216	218274	40.657	ng	99
41) Hexachlorocyclopentadiene	12.780	237	130434	42.729	ng	98
43) 2,4,6-Trichlorophenol	13.051	196	129487	38.154	ng	99

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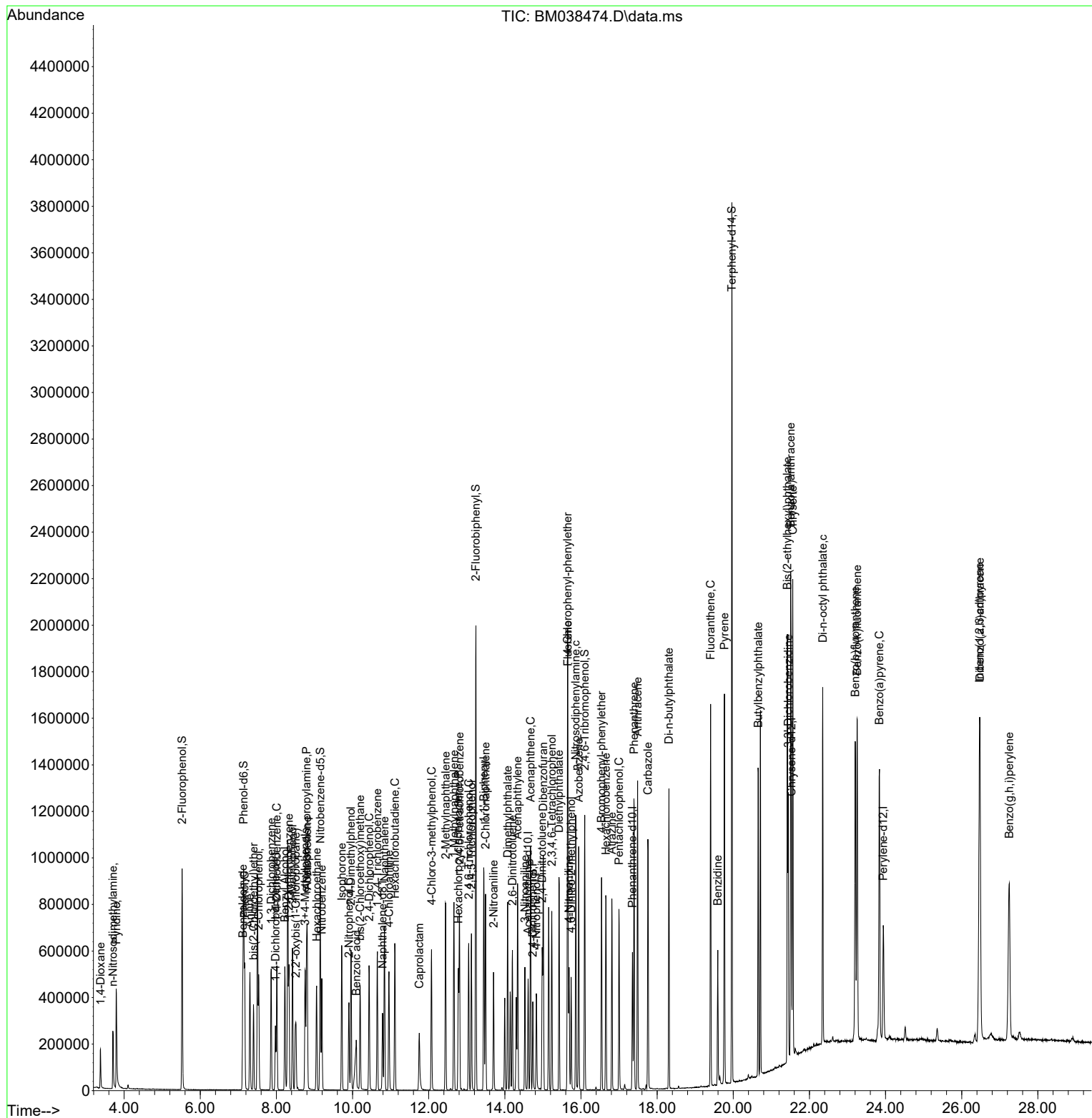
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.121	196	157298	39.311	ng	99
46) 1,1'-Biphenyl	13.445	154	442182	39.734	ng	99
47) 2-Chloronaphthalene	13.492	162	345208	39.411	ng	99
48) 2-Nitroaniline	13.704	65	134028	39.589	ng	94
49) Acenaphthylene	14.333	152	538145	38.969	ng	99
50) Dimethylphthalate	14.074	163	449629	38.677	ng	99
51) 2,6-Dinitrotoluene	14.198	165	92052	38.923	ng	96
52) Acenaphthene	14.674	154	326369	38.889	ng	97
53) 3-Nitroaniline	14.527	138	92941	36.373	ng	98
54) 2,4-Dinitrophenol	14.733	184	63177	36.378	ng	96
55) Dibenzofuran	15.009	168	550912	38.556	ng	100
56) 4-Nitrophenol	14.827	139	75285	36.768	ng	94
57) 2,4-Dinitrotoluene	14.980	165	128662	39.135	ng	98
58) Fluorene	15.657	166	462187	38.715	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	135455	38.180	ng	98
60) Diethylphthalate	15.421	149	462180	38.755	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	255359	38.967	ng	99
62) 4-Nitroaniline	15.686	138	97985	36.239	ng	99
63) Azobenzene	15.939	77	539047	41.079	ng	98
65) 4,6-Dinitro-2-methylph...	15.739	198	86230	39.359	ng	90
66) n-Nitrosodiphenylamine	15.862	169	385264	40.669	ng	99
67) 4-Bromophenyl-phenylether	16.539	248	150975	40.426	ng	98
68) Hexachlorobenzene	16.656	284	165597	39.598	ng	99
69) Atrazine	16.809	200	134914	40.273	ng	100
70) Pentachlorophenol	16.998	266	122109	39.998	ng	97
71) Phenanthrene	17.392	178	705114	39.476	ng	100
72) Anthracene	17.486	178	726444	39.572	ng	100
73) Carbazole	17.756	167	622275	38.763	ng	99
74) Di-n-butylphthalate	18.309	149	785521	41.200	ng	99
75) Fluoranthene	19.403	202	890512	39.658	ng	99
77) Benzidine	19.592	184	316390	41.896	ng	99
78) Pyrene	19.768	202	941073	41.030	ng	99
80) Butylbenzylphthalate	20.656	149	354400	42.272	ng	98
81) Benzo(a)anthracene	21.509	228	1002499	40.443	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	323047	40.473	ng	100
83) Chrysene	21.562	228	964680	40.047	ng	99
84) Bis(2-ethylhexyl)phtha...	21.421	149	534875	44.380	ng	98
85) Di-n-octyl phthalate	22.350	149	913686	43.087	ng	98
87) Indeno(1,2,3-cd)pyrene	26.468	276	1105896	40.387	ng	99
88) Benzo(b)fluoranthene	23.203	252	933055	40.669	ng	99
89) Benzo(k)fluoranthene	23.256	252	989606	41.711	ng	99
90) Benzo(a)pyrene	23.838	252	925551	41.109	ng	99
91) Dibenzo(a,h)anthracene	26.479	278	927958	40.385	ng	100
92) Benzo(g,h,i)perylene	27.250	276	911846	39.999	ng	99

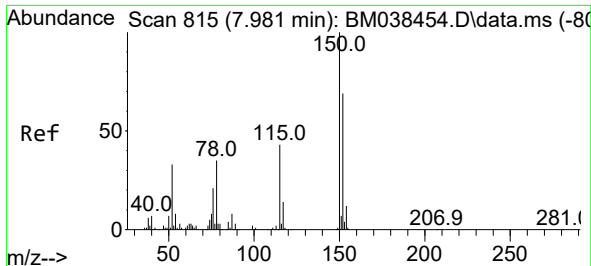
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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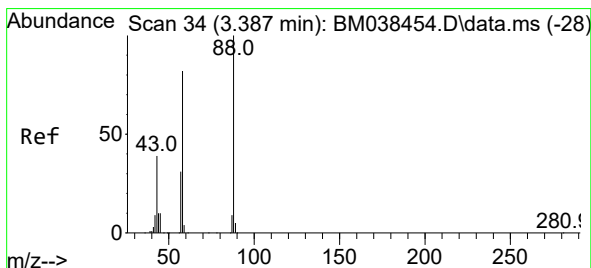
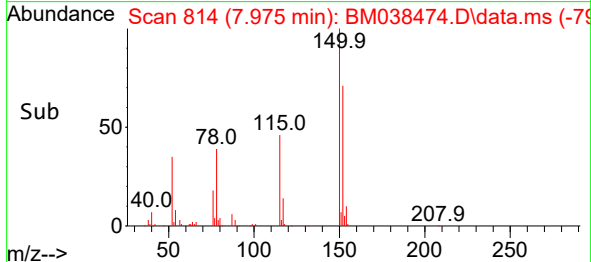
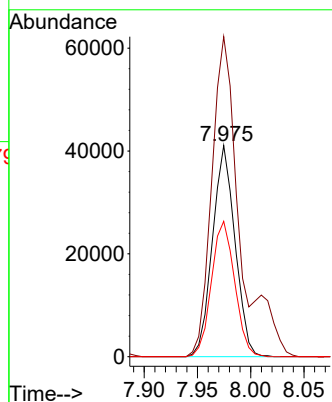
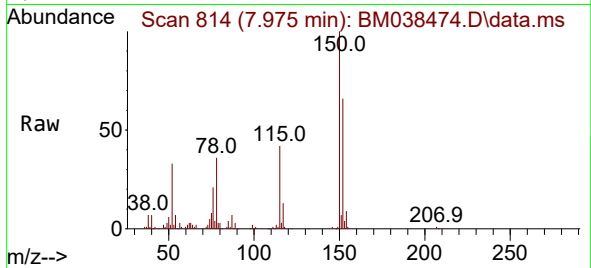




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

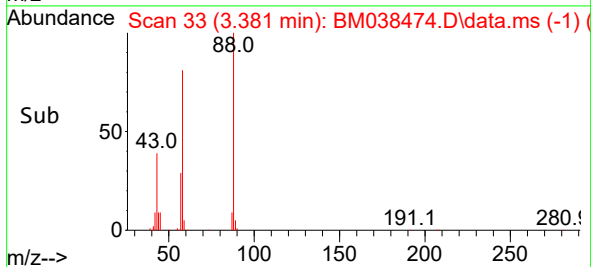
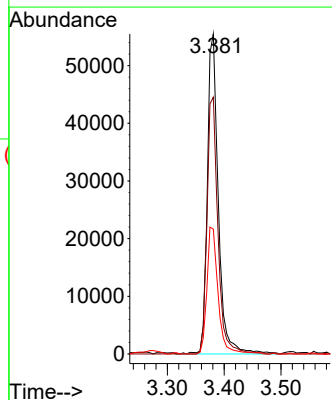
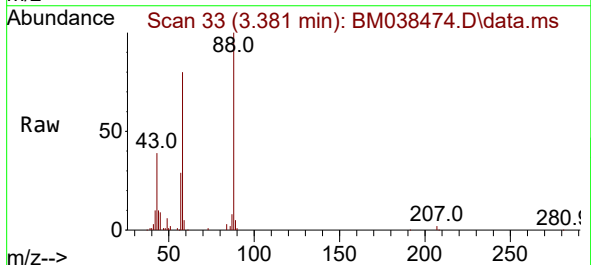
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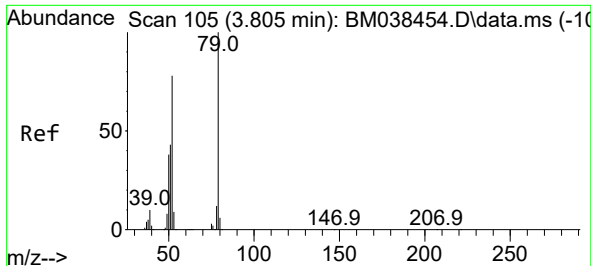
Tgt Ion:152 Resp: 60397
Ion Ratio Lower Upper
152 100
150 151.5 116.0 174.0
115 64.1 49.4 74.2



#2
1,4-Dioxane
Concen: 41.011 ng
RT: 3.381 min Scan# 33
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion: 88 Resp: 74206
Ion Ratio Lower Upper
88 100
58 79.8 64.3 96.5
43 40.4 32.3 48.5

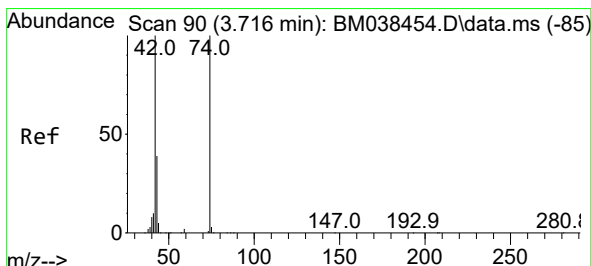
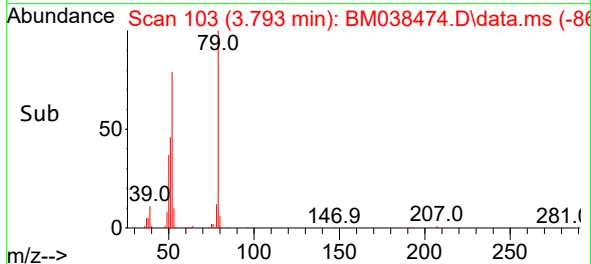
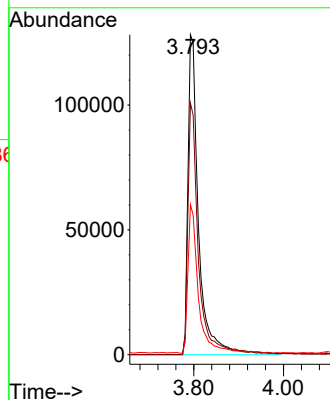
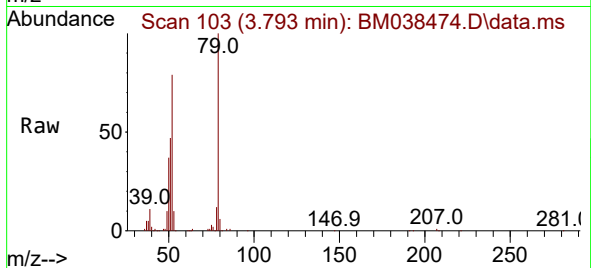




#3
Pyridine
Concen: 40.492 ng
RT: 3.793 min Scan# 105
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

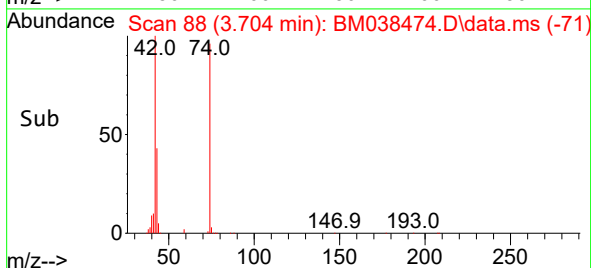
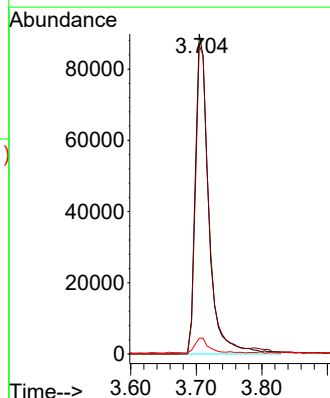
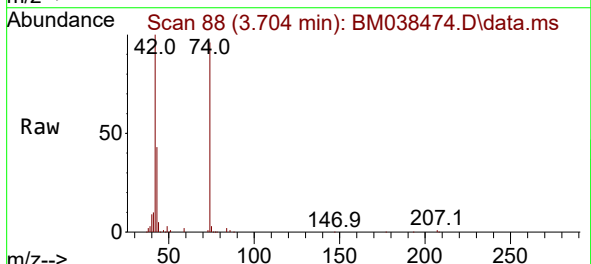
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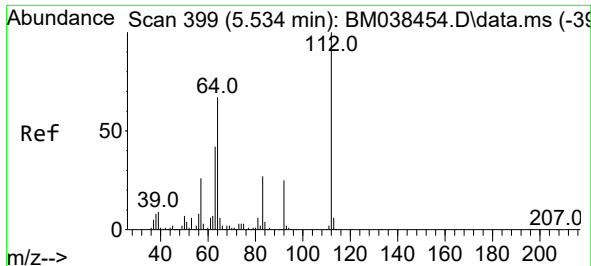
Tgt Ion: 79 Resp: 211943
Ion Ratio Lower Upper
79 100
52 78.6 62.2 93.2
51 46.9 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 41.265 ng
RT: 3.704 min Scan# 88
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion: 42 Resp: 127798
Ion Ratio Lower Upper
42 100
74 96.4 79.7 119.5
44 4.9 4.7 7.1

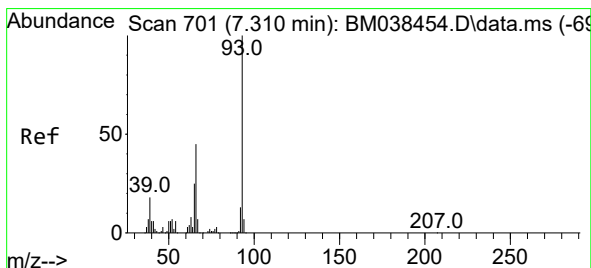
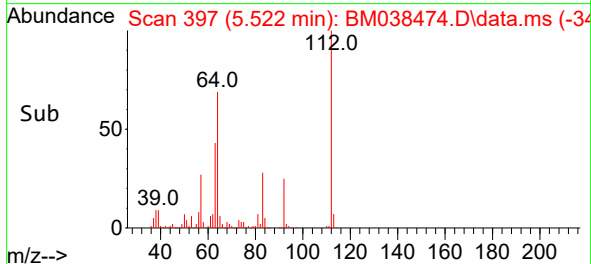
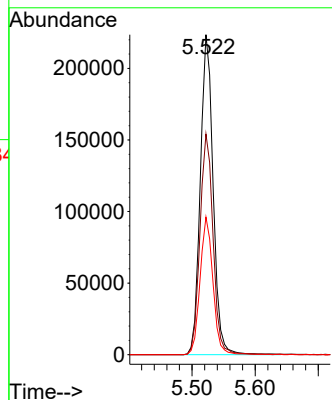
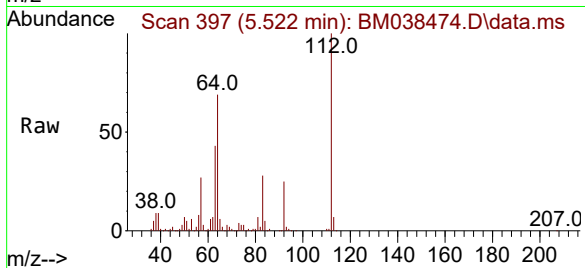




#5
2-Fluorophenol
Concen: 79.629 ng
RT: 5.522 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

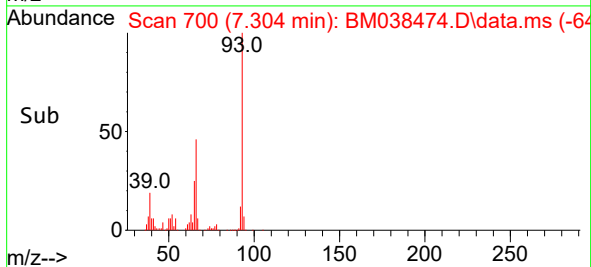
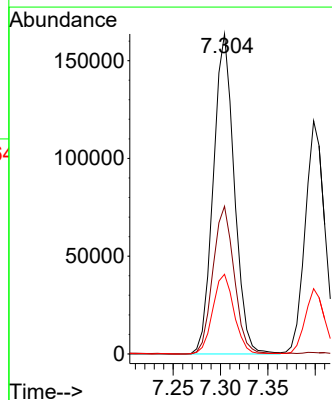
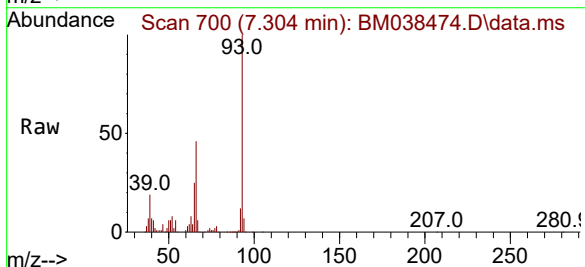
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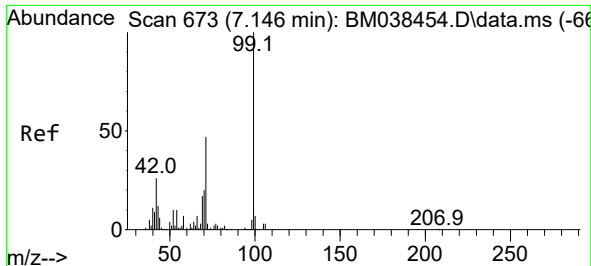
Tgt Ion:112 Resp: 315286
Ion Ratio Lower Upper
112 100
64 69.0 53.7 80.5
63 43.0 33.7 50.5



#6
Aniline
Concen: 39.345 ng
RT: 7.304 min Scan# 700
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion: 93 Resp: 252061
Ion Ratio Lower Upper
93 100
66 46.1 36.2 54.2
65 24.9 19.8 29.8

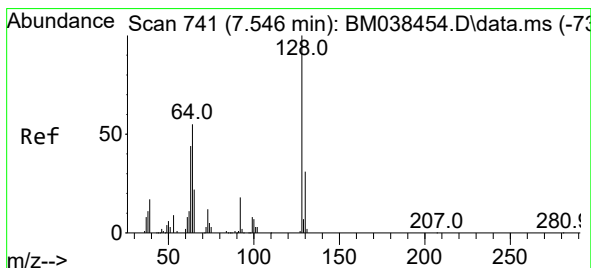
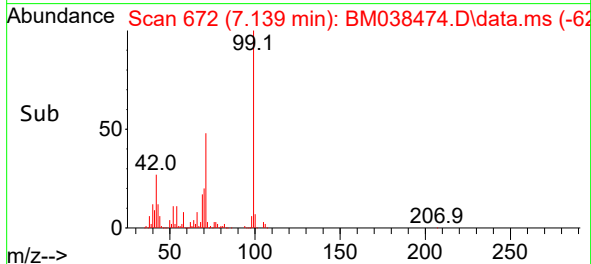
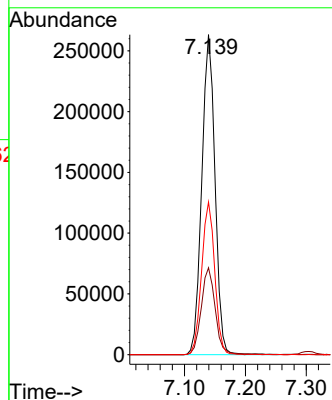
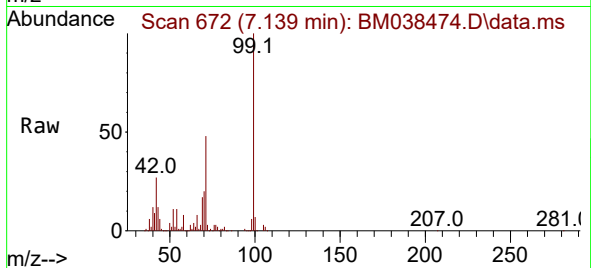




#7
Phenol-d6
Concen: 78.494 ng
RT: 7.139 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

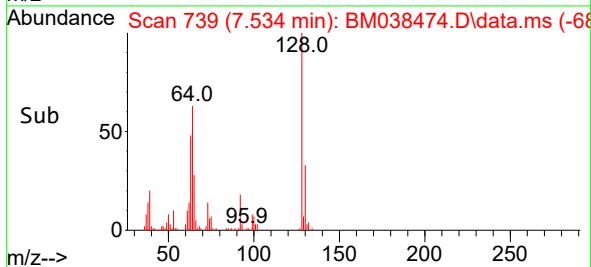
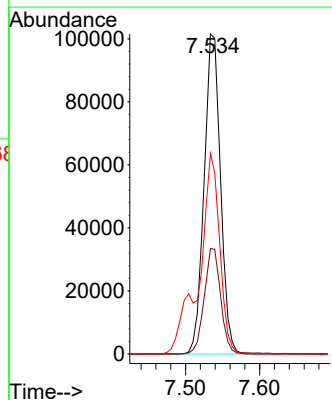
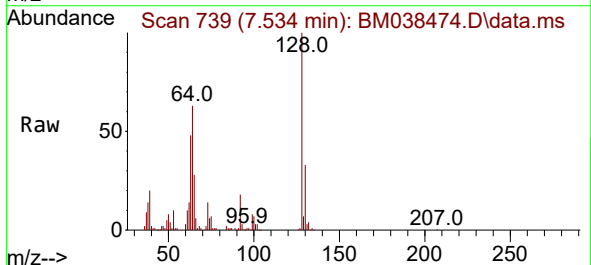
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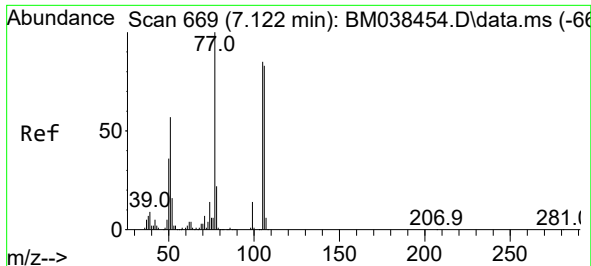
Tgt Ion: 99 Resp: 398117
Ion Ratio Lower Upper
99 100
42 27.2 20.8 31.2
71 47.7 37.8 56.8



#8
2-Chlorophenol
Concen: 39.950 ng
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
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Tgt Ion: 128 Resp: 156609
Ion Ratio Lower Upper
128 100
130 32.9 11.5 51.5
64 62.7 38.0 78.0

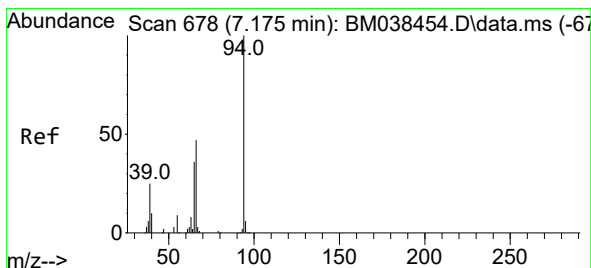
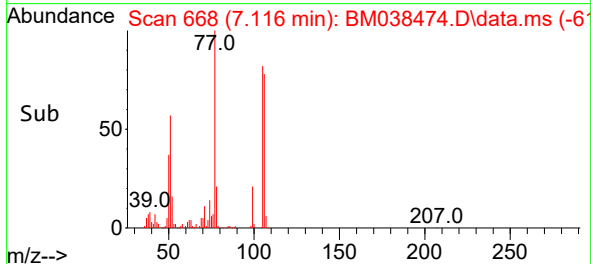
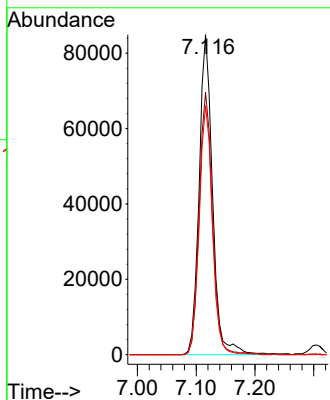
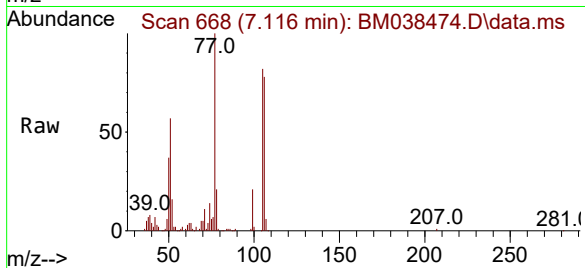




#9
Benzaldehyde
Concen: 39.620 ng
RT: 7.116 min Scan# 60
Delta R.T. 0.000 min
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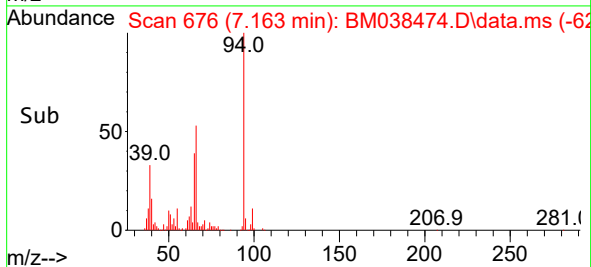
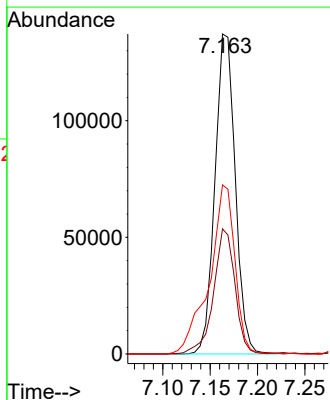
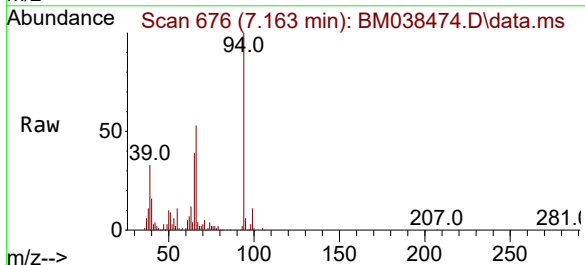
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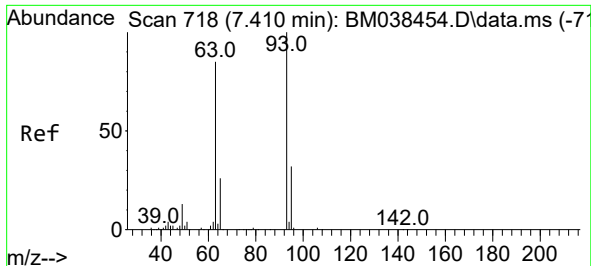
Tgt Ion: 77 Resp: 134376
Ion Ratio Lower Upper
77 100
105 82.0 65.3 105.3
106 77.8 62.5 102.5



#10
Phenol
Concen: 38.841 ng
RT: 7.163 min Scan# 676
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 205293
Ion Ratio Lower Upper
94 100
65 39.1 16.3 56.3
66 52.9 29.2 69.2

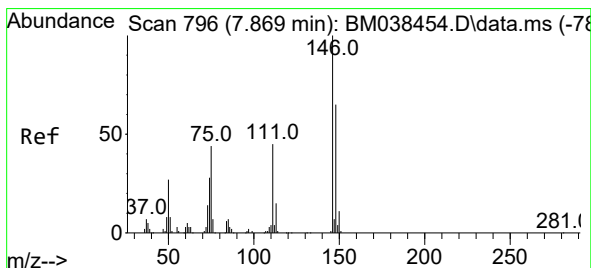
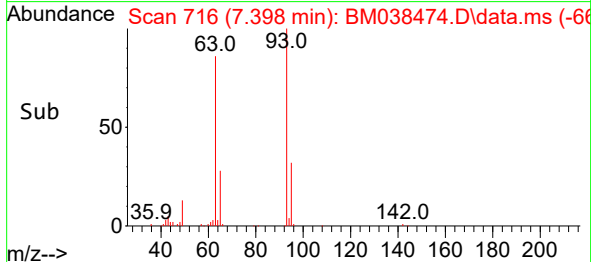
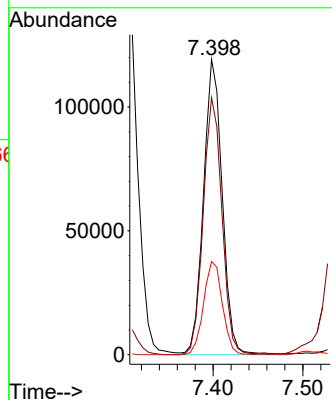
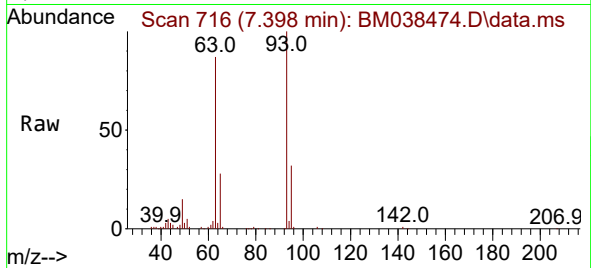




#11
bis(2-Chloroethyl)ether
Concen: 40.373 ng
RT: 7.398 min Scan# 716
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

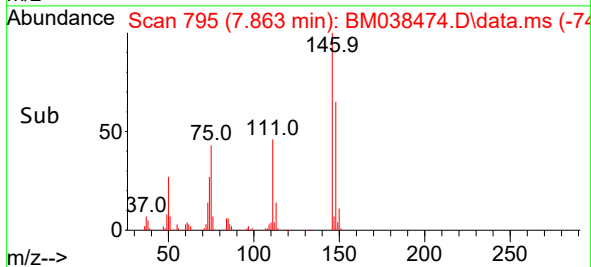
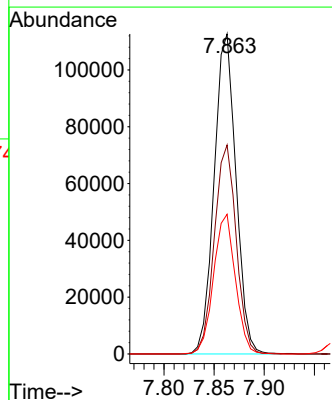
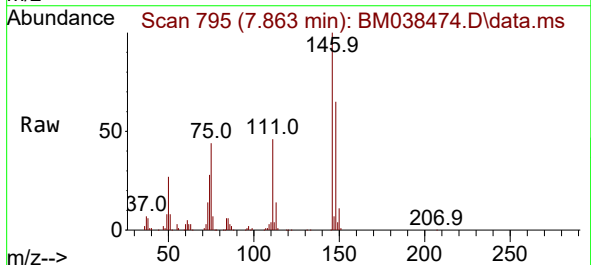
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

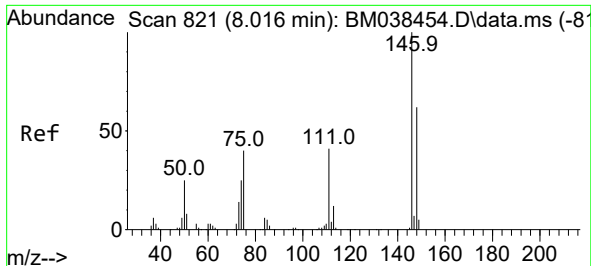
Tgt Ion: 93 Resp: 172930
Ion Ratio Lower Upper
93 100
63 87.1 64.6 104.6
95 31.5 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 40.589 ng
RT: 7.863 min Scan# 795
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:146 Resp: 170454
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 43.7 35.1 52.7

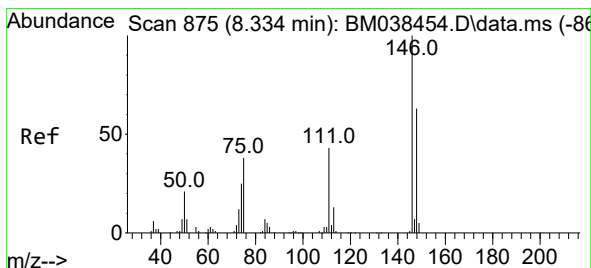
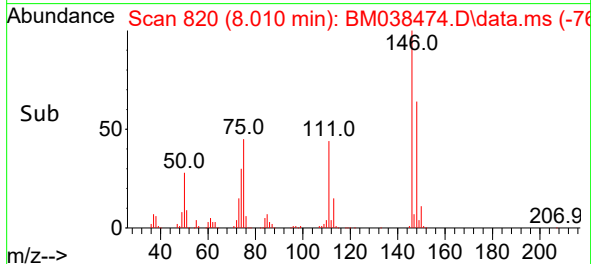
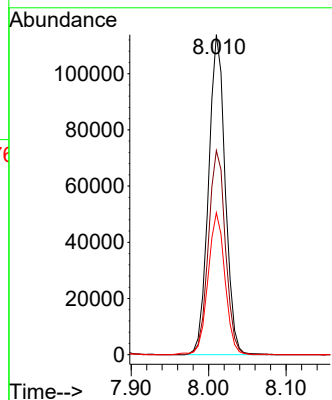
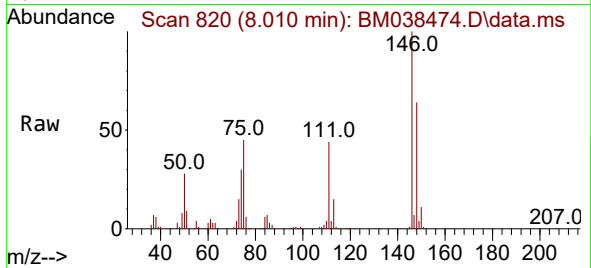




#13
1,4-Dichlorobenzene
Concen: 40.234 ng
RT: 8.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

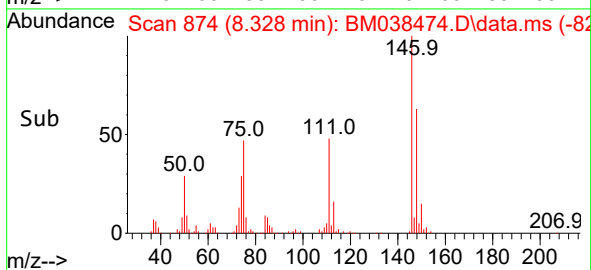
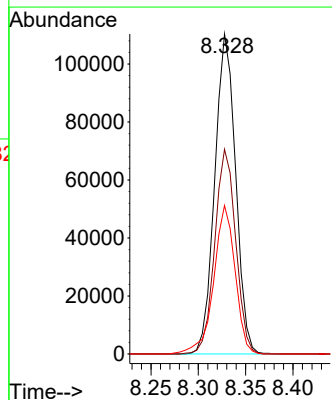
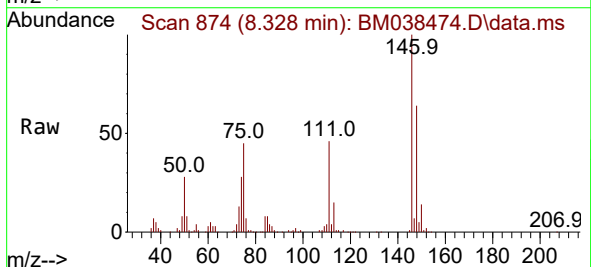
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

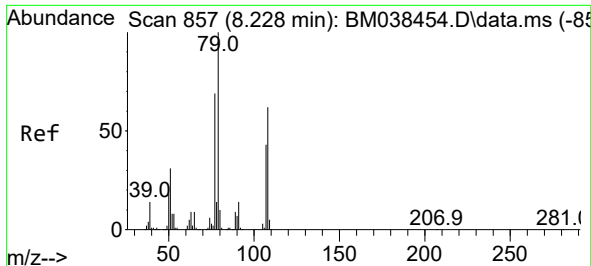
Tgt Ion:146 Resp: 169989
Ion Ratio Lower Upper
146 100
148 63.8 50.1 75.1
111 44.4 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 40.958 ng
RT: 8.328 min Scan# 874
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:146 Resp: 169198
Ion Ratio Lower Upper
146 100
148 63.9 50.7 76.1
111 46.4 35.2 52.8

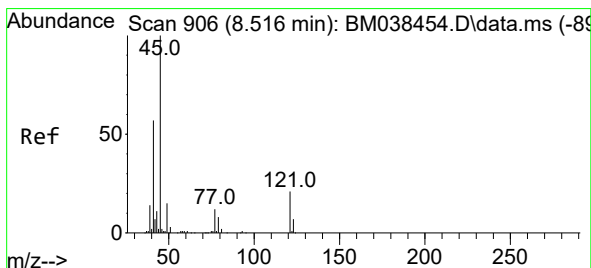
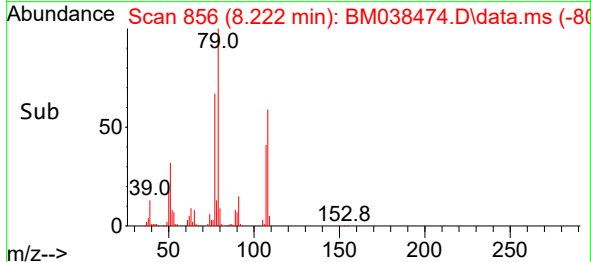
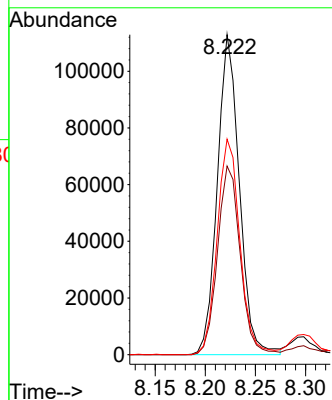
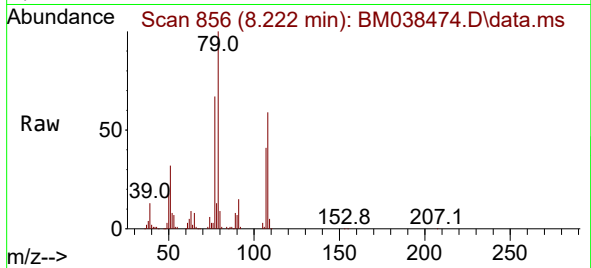




#15
Benzyl Alcohol
Concen: 42.396 ng
RT: 8.222 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

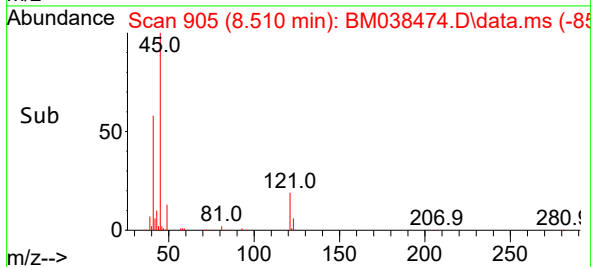
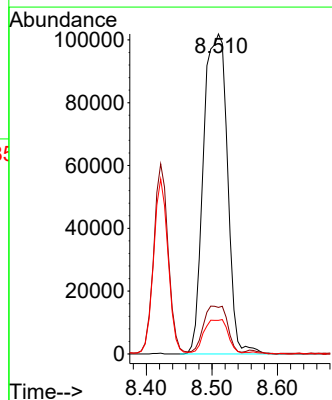
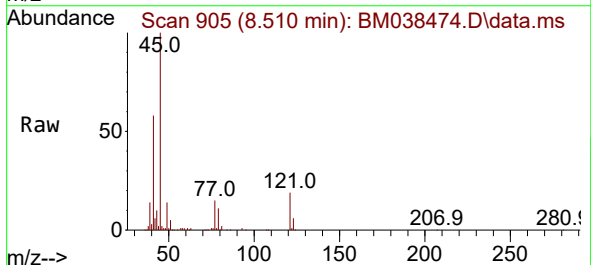
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

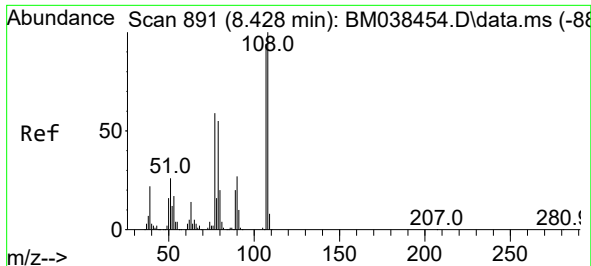
Tgt Ion: 79 Resp: 172223
Ion Ratio Lower Upper
79 100
108 58.9 49.3 73.9
77 67.3 55.1 82.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.152 ng
RT: 8.510 min Scan# 905
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion: 45 Resp: 257694
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.7
79 10.5 0.0 30.4

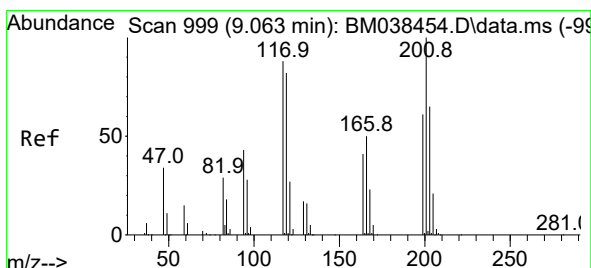
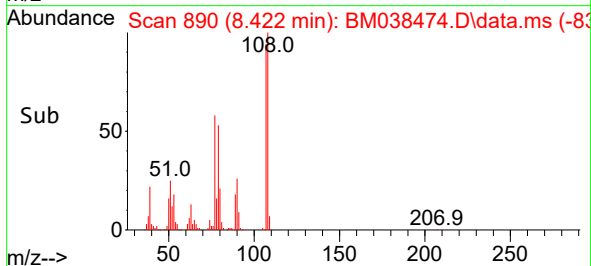
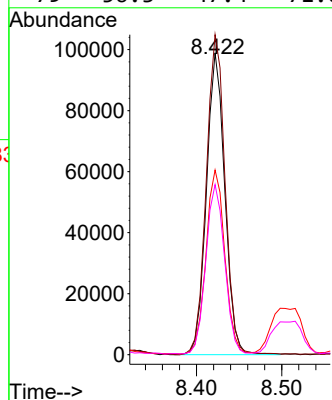
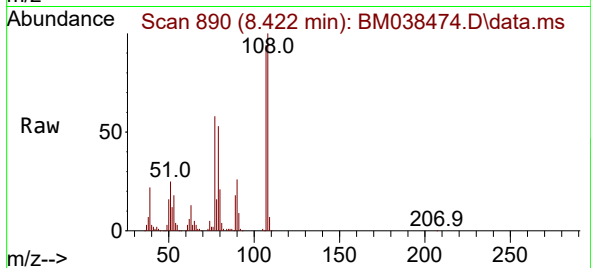




#17
2-Methylphenol
Concen: 41.606 ng
RT: 8.422 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

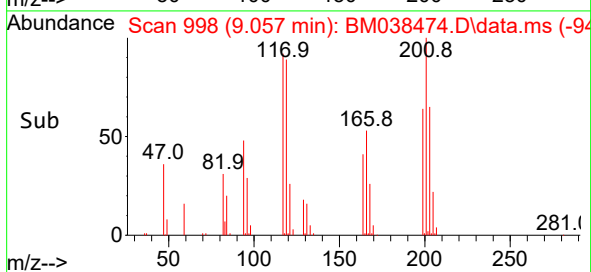
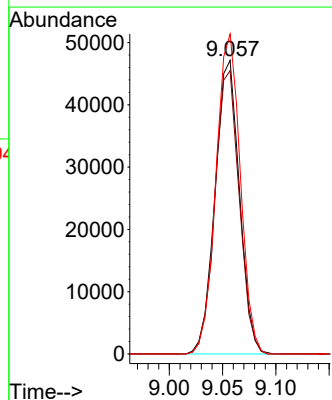
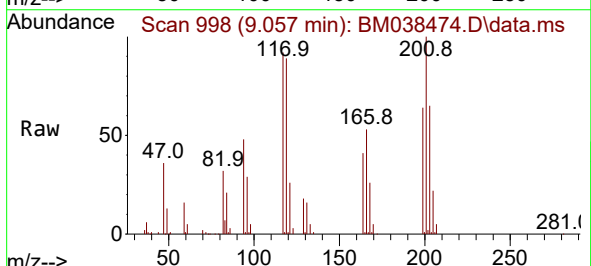
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

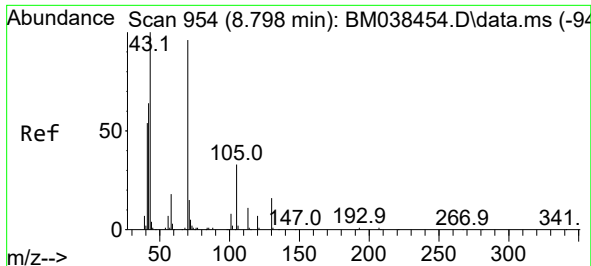
Tgt Ion:	107	Resp:	148528
Ion	Ratio	Lower	Upper
107	100		
108	106.0	85.7	128.5
77	61.1	50.5	75.7
79	56.3	47.4	71.0



#18
Hexachloroethane
Concen: 43.311 ng
RT: 9.057 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:	117	Resp:	74952
Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.5	111.7
201	109.0	91.3	136.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.783 ng

RT: 8.792 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 157512

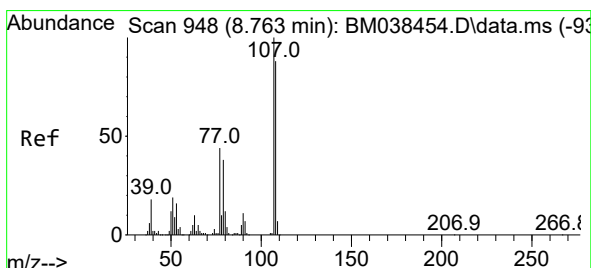
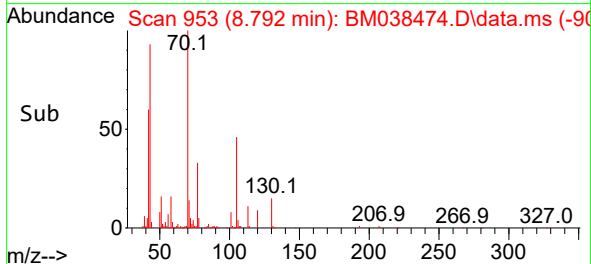
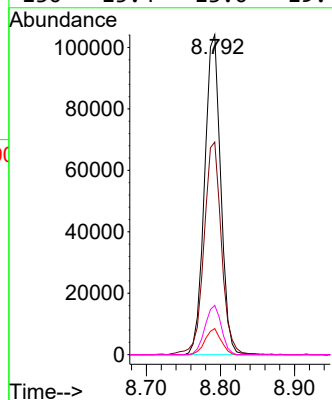
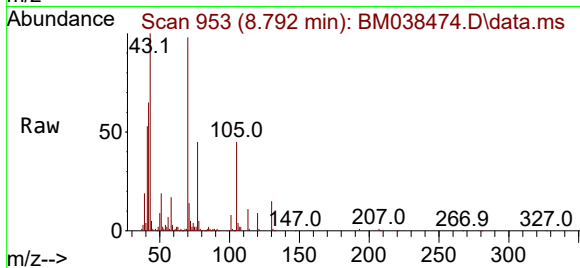
Ion Ratio Lower Upper

70 100

42 66.5 54.2 81.2

101 8.2 6.6 10.0

130 15.4 13.0 19.4



#20

3+4-Methylphenols

Concen: 40.243 ng

RT: 8.751 min Scan# 946

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Tgt Ion: 107 Resp: 192888

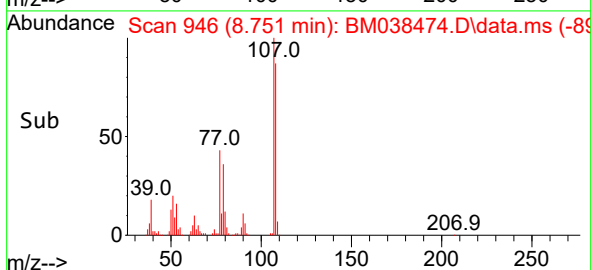
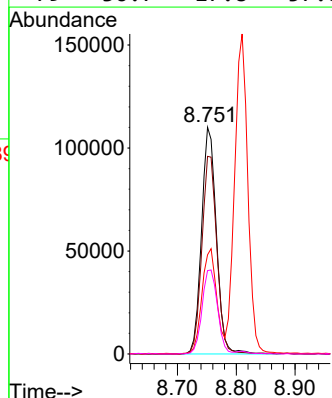
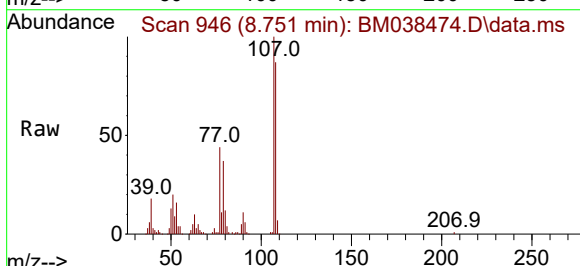
Ion Ratio Lower Upper

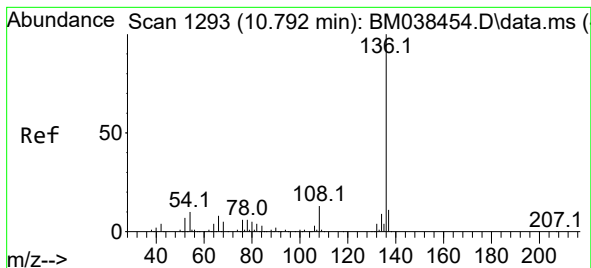
107 100

108 87.2 67.6 107.6

77 43.7 24.1 64.1

79 36.7 17.8 57.8

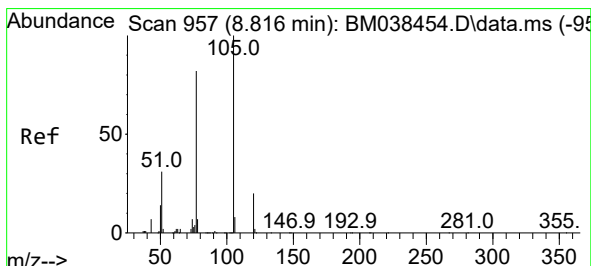
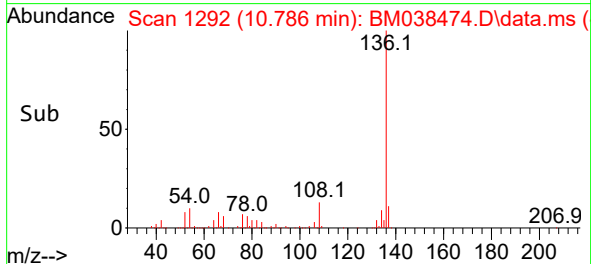
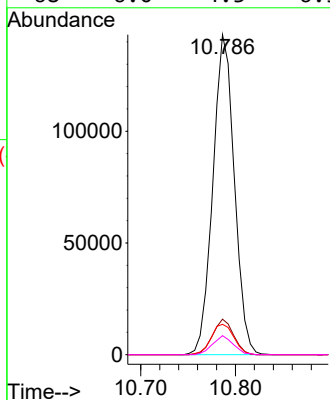
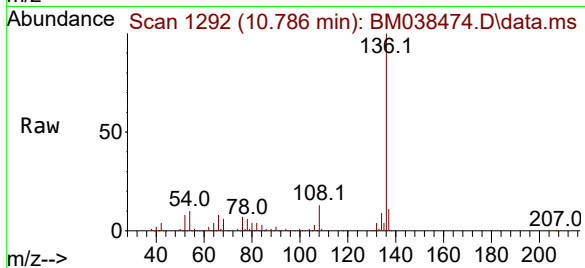




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

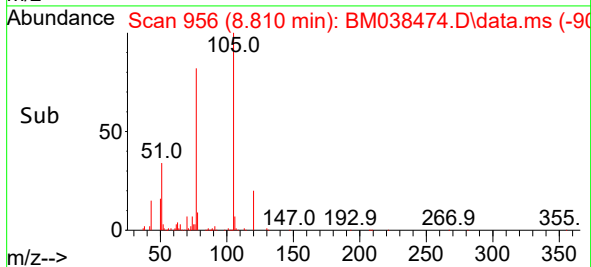
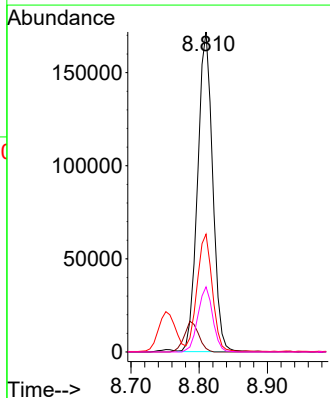
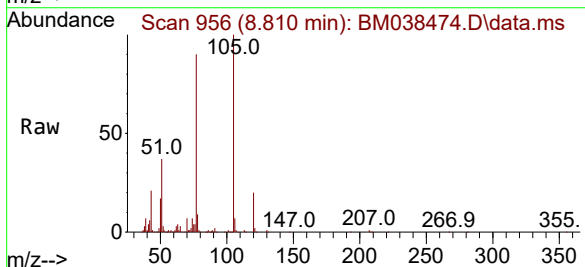
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

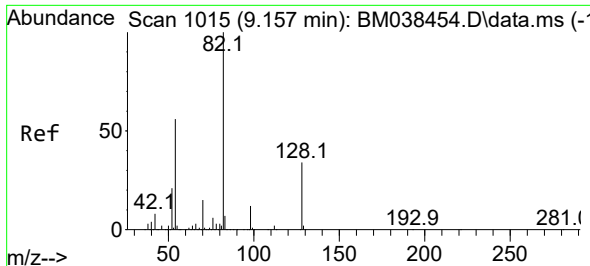
Tgt Ion:	136	Resp:	225425
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	9.5	7.6	11.4
68	6.0	4.3	6.5



#22
Acetophenone
Concen: 39.502 ng
RT: 8.810 min Scan# 956
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:	105	Resp:	263212
Ion Ratio	Lower	Upper	
105	100		
71	1.1	1.0	1.6
51	36.8	27.4	41.2
120	20.4	15.6	23.4





#23

Nitrobenzene-d5

Concen: 82.291 ng

RT: 9.151 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

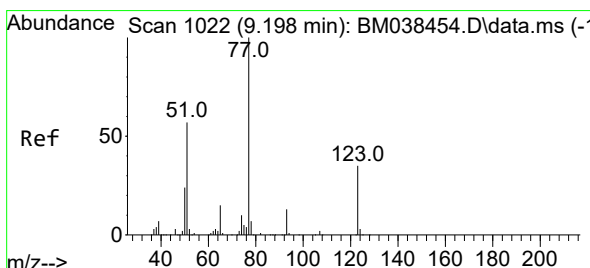
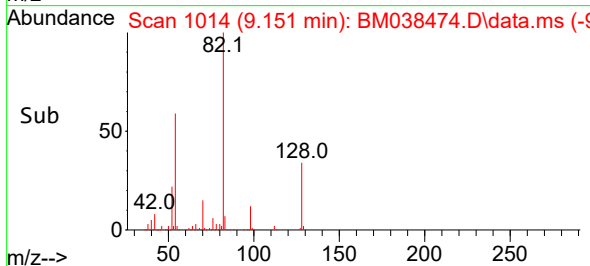
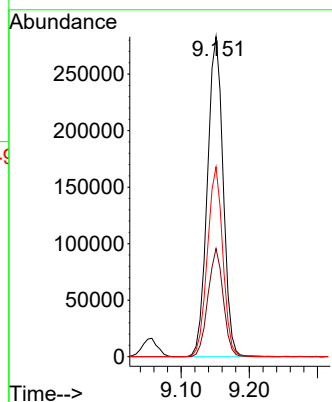
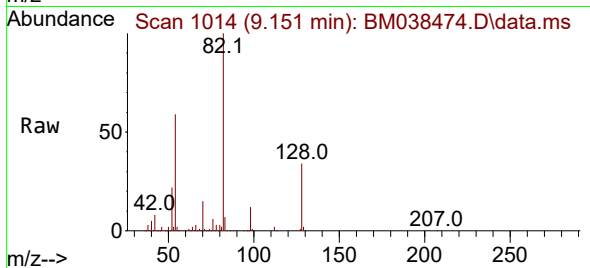
Tgt Ion: 82 Resp: 455281

Ion Ratio Lower Upper

82 100

128 33.8 27.0 40.6

54 59.3 45.0 67.6



#24

Nitrobenzene

Concen: 40.856 ng

RT: 9.192 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

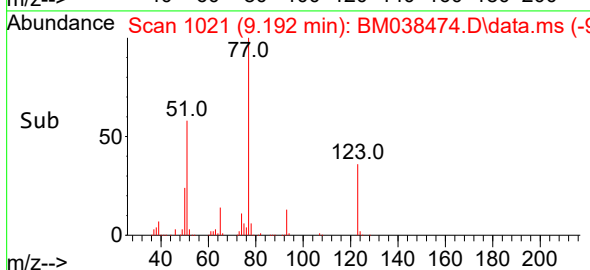
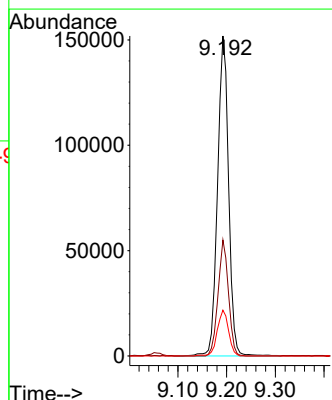
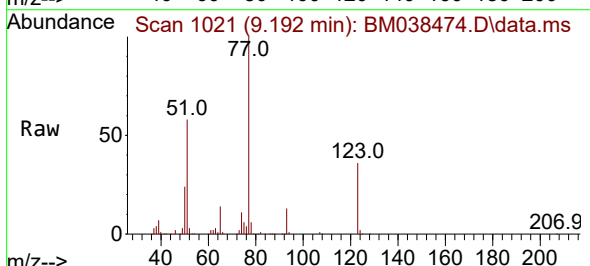
Tgt Ion: 77 Resp: 238826

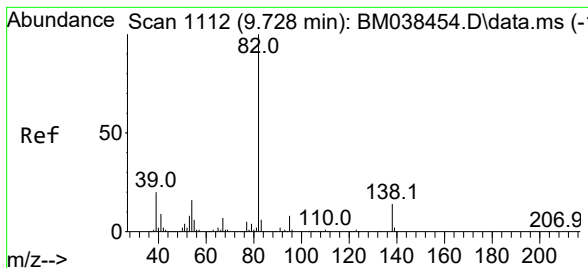
Ion Ratio Lower Upper

77 100

123 36.3 28.2 42.4

65 14.3 12.1 18.1





#25

Isophorone

Concen: 40.260 ng

RT: 9.716 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

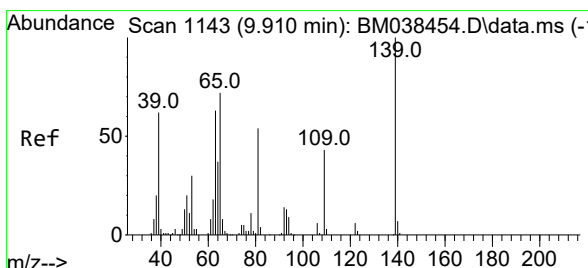
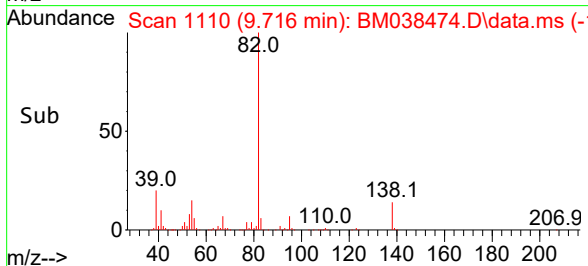
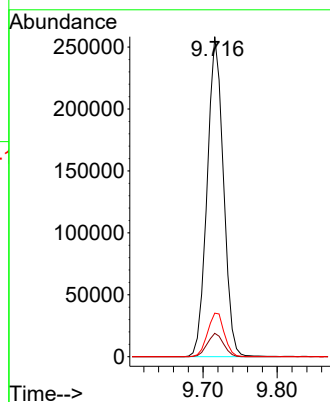
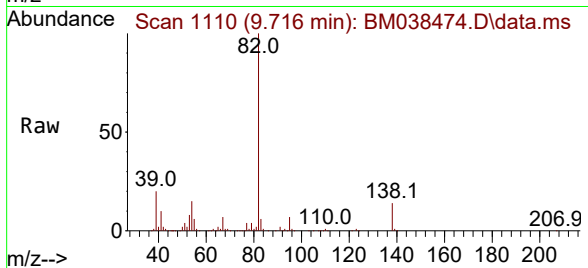
Tgt Ion: 82 Resp: 394538

Ion Ratio Lower Upper

82 100

95 7.3 6.1 9.1

138 13.6 11.5 17.3



#26

2-Nitrophenol

Concen: 41.139 ng

RT: 9.904 min Scan# 1142

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

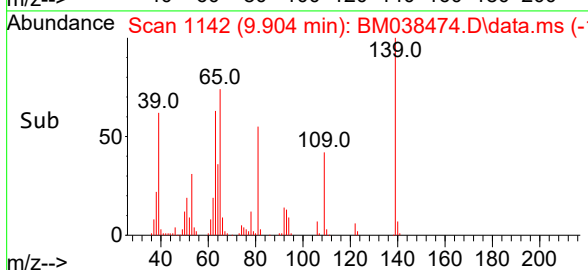
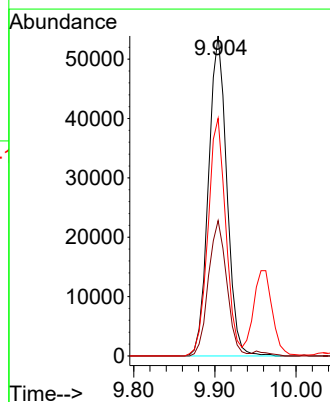
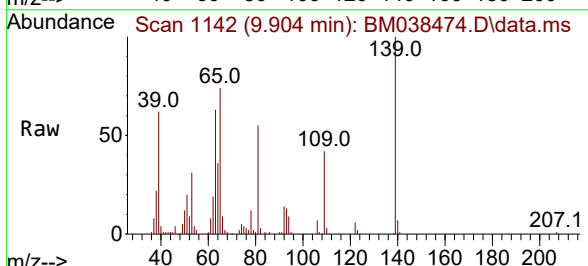
Tgt Ion: 139 Resp: 84429

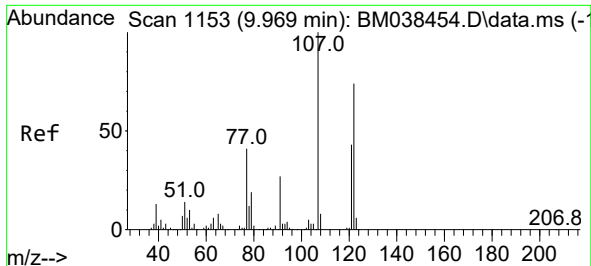
Ion Ratio Lower Upper

139 100

109 42.3 34.7 52.1

65 74.3 57.4 86.0

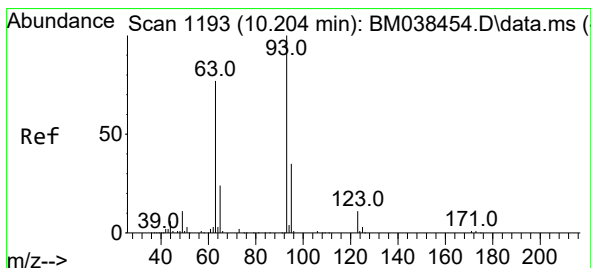
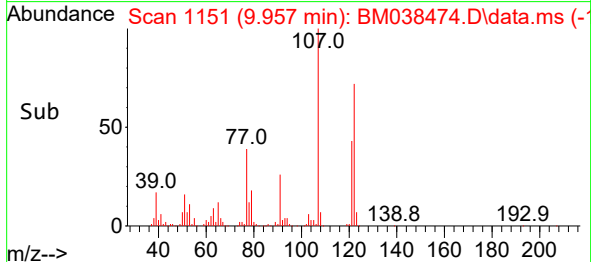
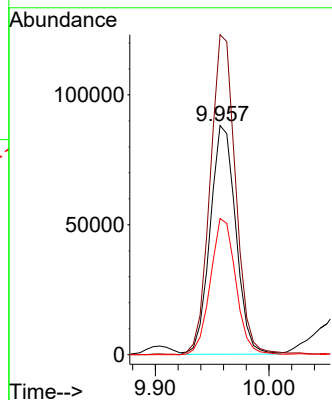
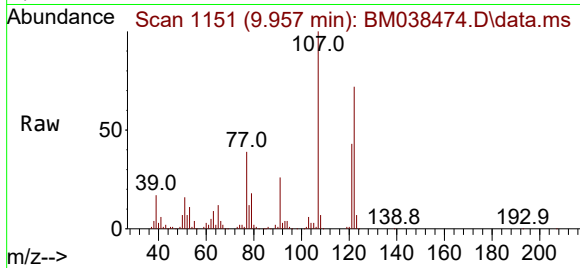




#27
2,4-Dimethylphenol
Concen: 39.502 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

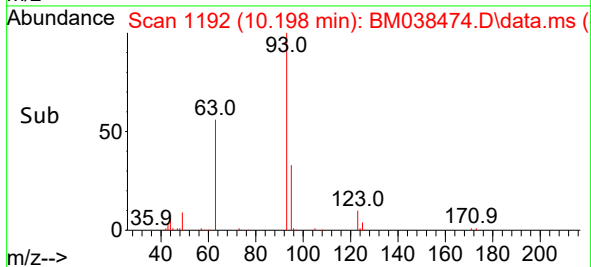
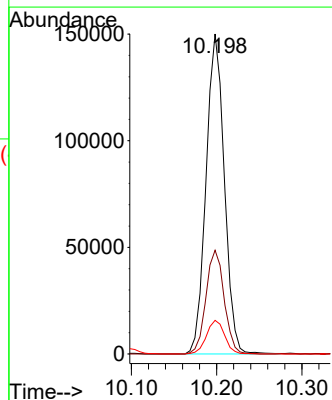
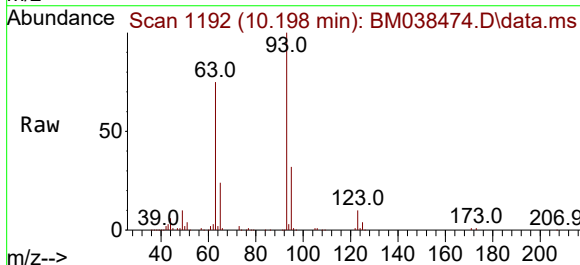
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

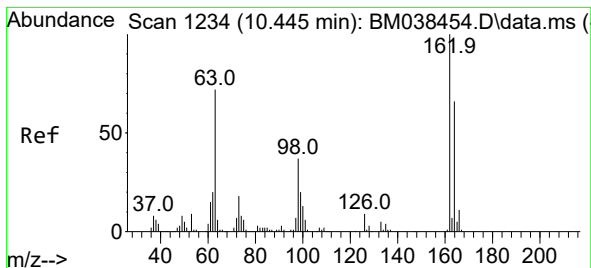
Tgt Ion:122 Resp: 138045
Ion Ratio Lower Upper
122 100
107 139.6 107.4 161.0
121 59.4 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.657 ng
RT: 10.198 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion: 93 Resp: 224077
Ion Ratio Lower Upper
93 100
95 32.4 27.7 41.5
123 10.5 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 40.376 ng

RT: 10.433 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

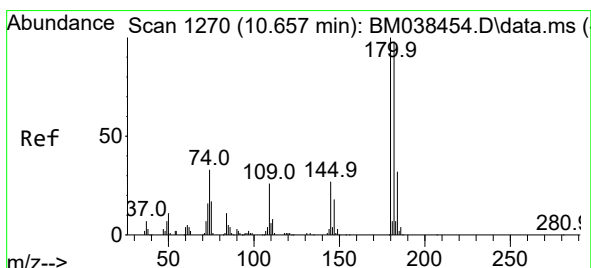
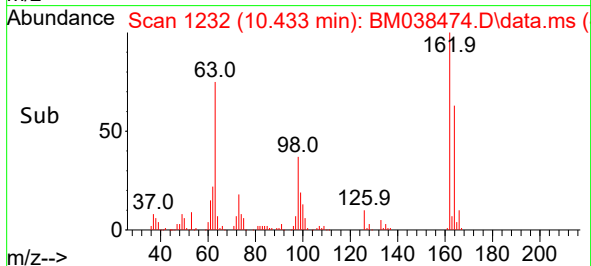
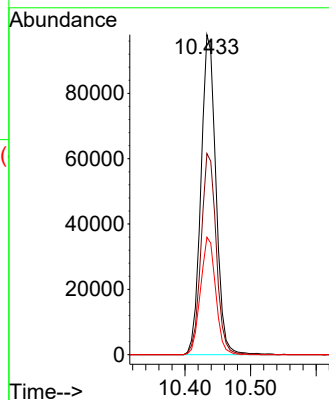
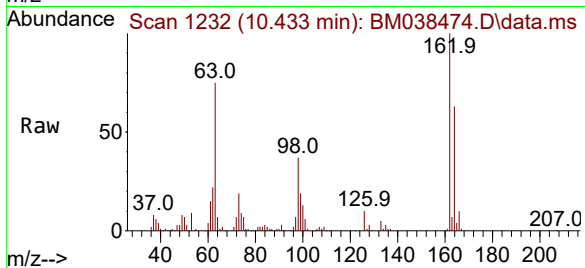
Tgt Ion:162 Resp: 155877

Ion Ratio Lower Upper

162 100

164 62.9 46.5 86.5

98 36.7 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 39.218 ng

RT: 10.651 min Scan# 1269

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

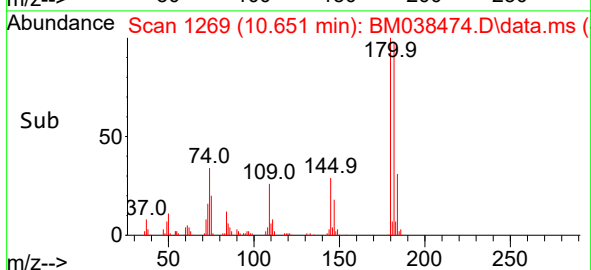
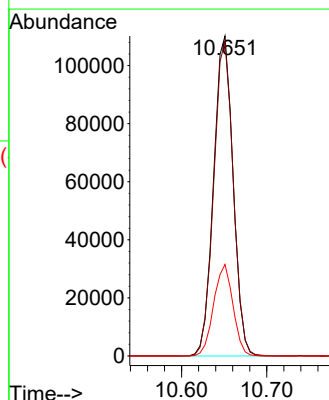
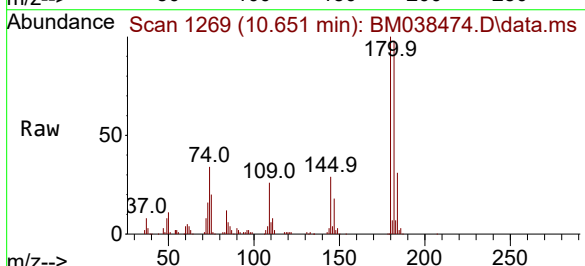
Tgt Ion:180 Resp: 175084

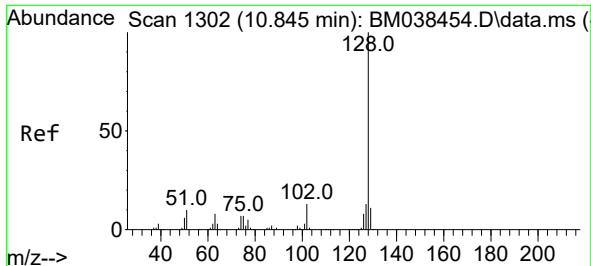
Ion Ratio Lower Upper

180 100

182 98.3 78.1 117.1

145 28.6 21.9 32.9

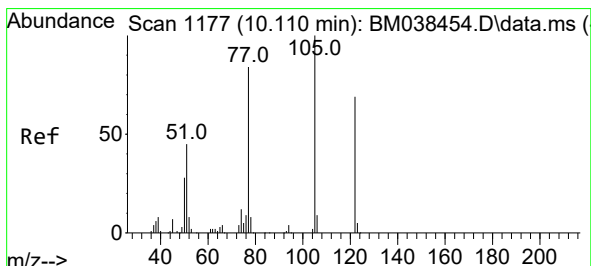
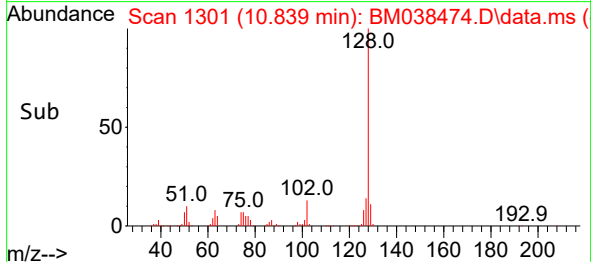
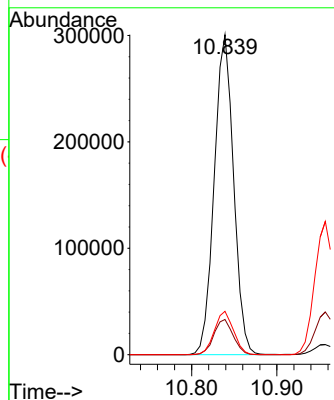
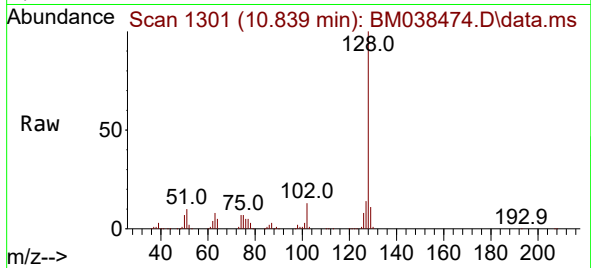




#31
Naphthalene
Concen: 39.710 ng
RT: 10.839 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

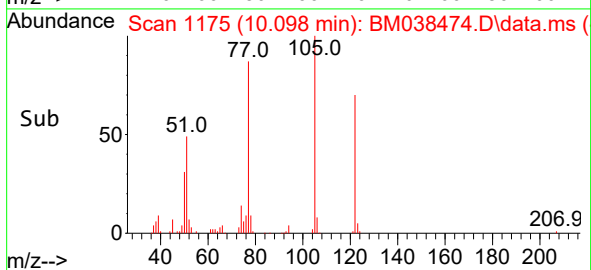
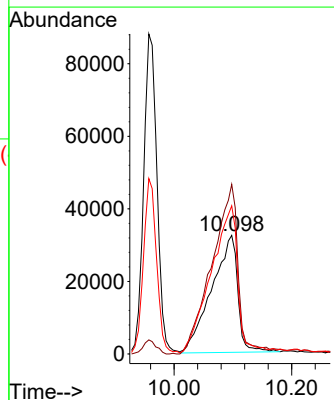
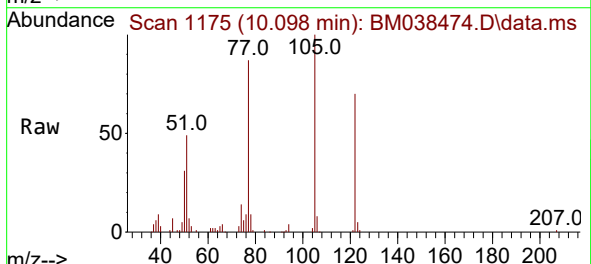
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

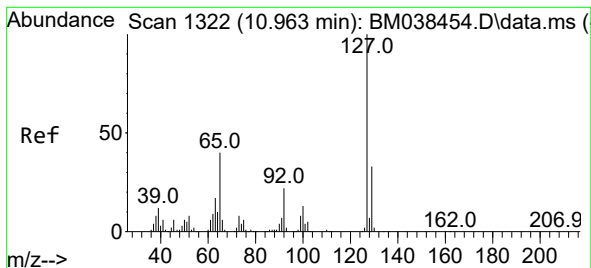
Tgt Ion:128 Resp: 474417
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 35.893 ng
RT: 10.098 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:122 Resp: 99796
Ion Ratio Lower Upper
122 100
105 143.1 122.6 162.6
77 125.0 101.5 141.5





#33

4-Chloroaniline

Concen: 39.044 ng

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 204736

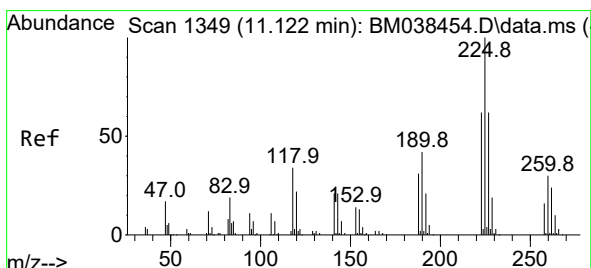
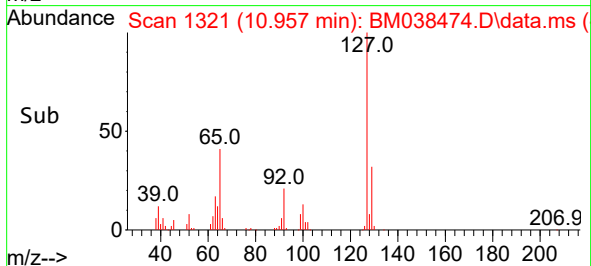
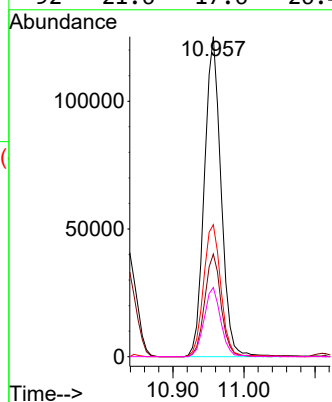
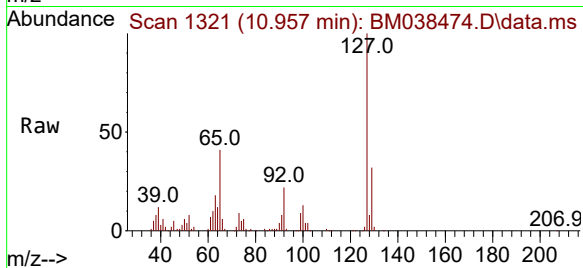
Ion Ratio Lower Upper

127 100

129 32.0 26.4 39.6

65 41.3 32.1 48.1

92 21.6 17.6 26.4



#34

Hexachlorobutadiene

Concen: 39.309 ng

RT: 11.110 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

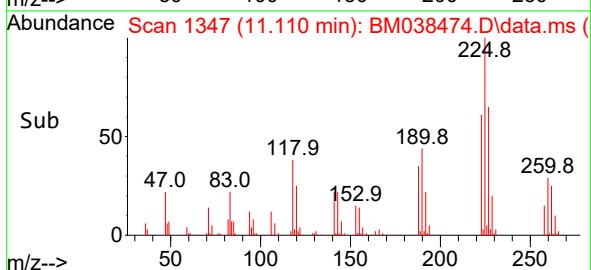
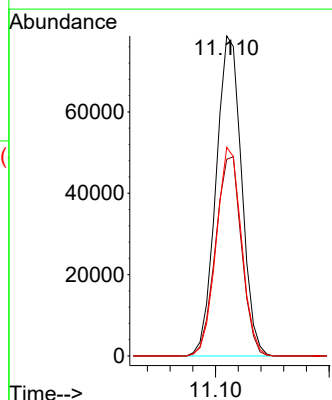
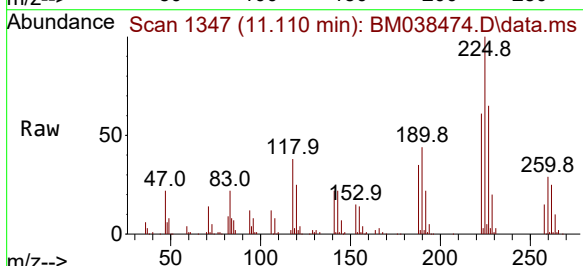
Tgt Ion:225 Resp: 123070

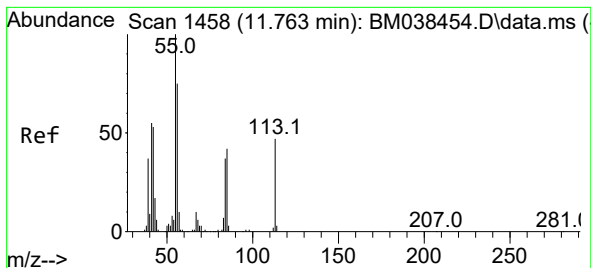
Ion Ratio Lower Upper

225 100

223 61.5 49.8 74.8

227 65.2 49.6 74.4

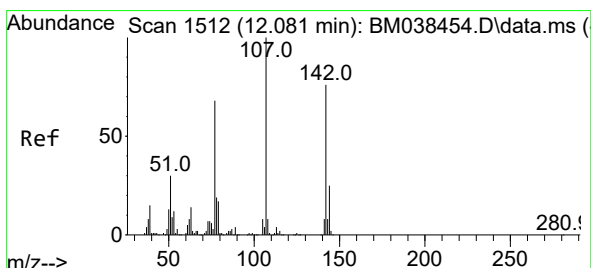
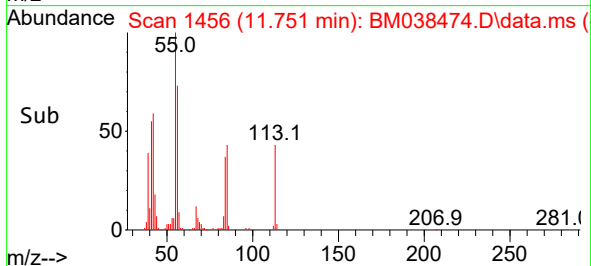
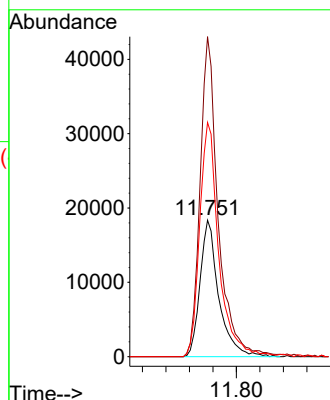
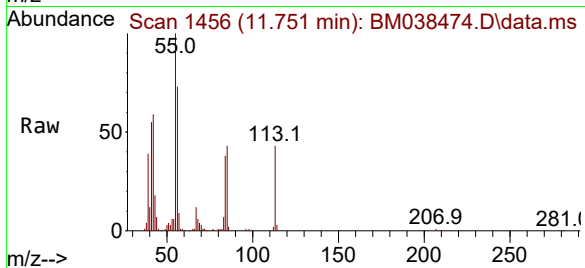




#35
Caprolactam
Concen: 37.268 ng
RT: 11.751 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

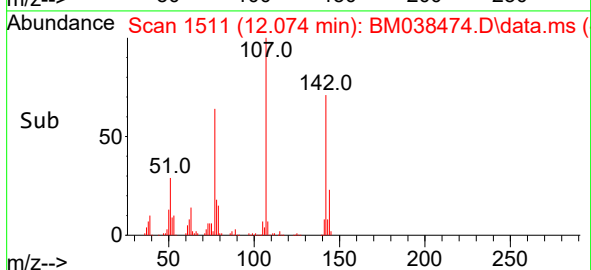
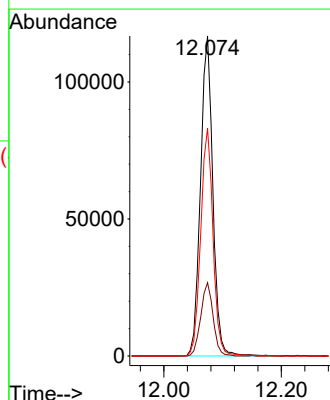
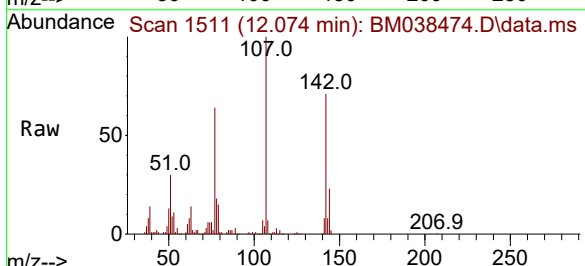
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

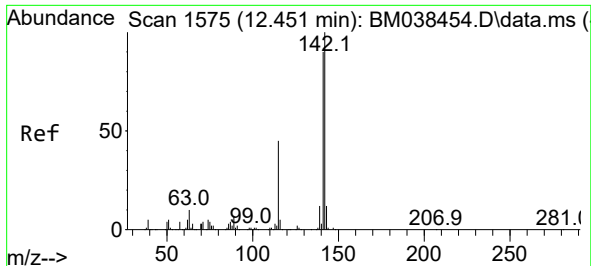
Tgt Ion:113 Resp: 40666
Ion Ratio Lower Upper
113 100
55 234.5 194.2 234.2#
56 171.6 141.6 181.6



#36
4-Chloro-3-methylphenol
Concen: 40.332 ng
RT: 12.074 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:107 Resp: 169772
Ion Ratio Lower Upper
107 100
144 22.9 20.3 30.5
142 71.1 61.2 91.8

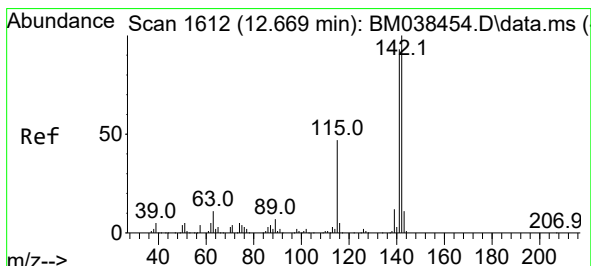
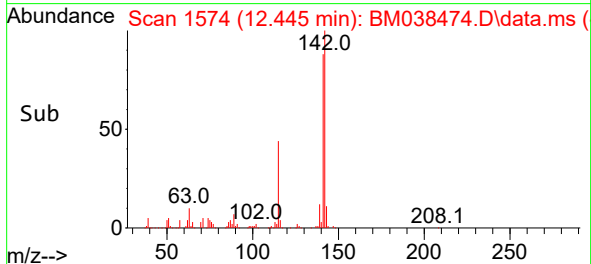
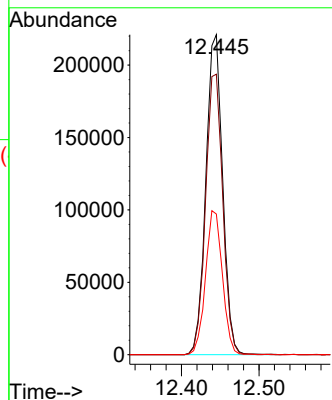
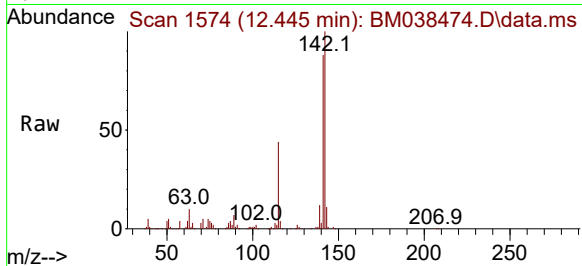




#37
2-Methylnaphthalene
Concen: 38.040 ng
RT: 12.445 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

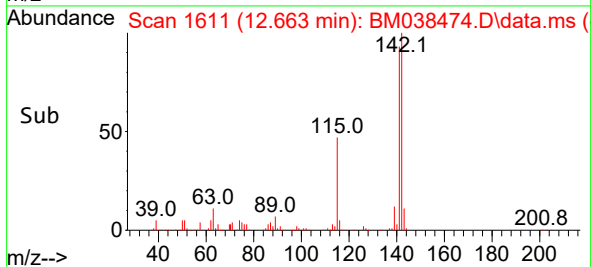
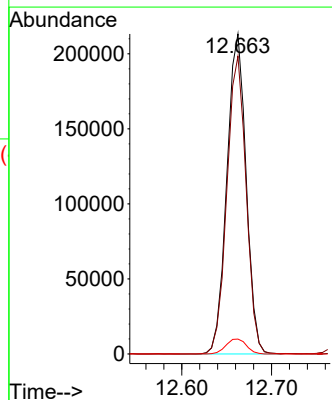
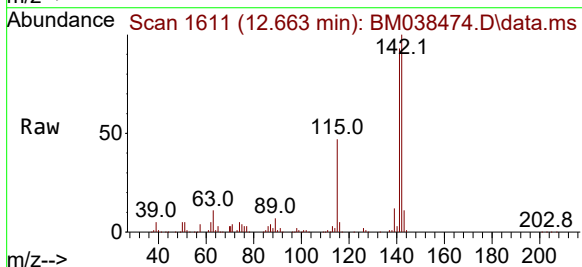
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

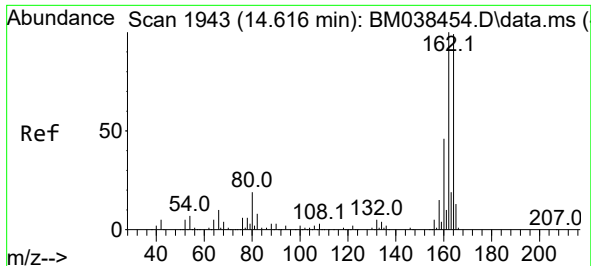
Tgt Ion:142 Resp: 332305
Ion Ratio Lower Upper
142 100
141 87.7 72.0 108.0
115 43.9 35.9 53.9



#38
1-Methylnaphthalene
Concen: 38.696 ng
RT: 12.663 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:142 Resp: 317343
Ion Ratio Lower Upper
142 100
141 93.1 74.4 111.6
116 4.6 3.8 5.8

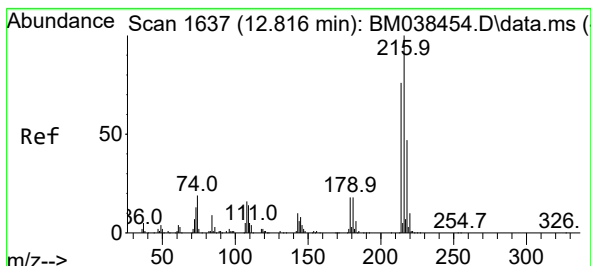
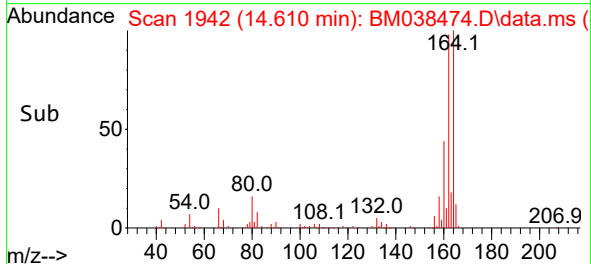
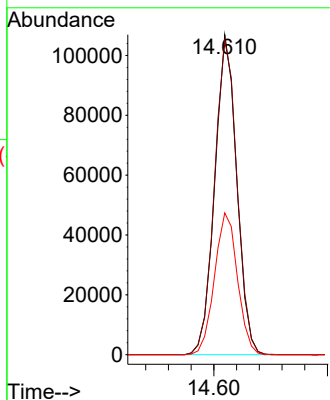
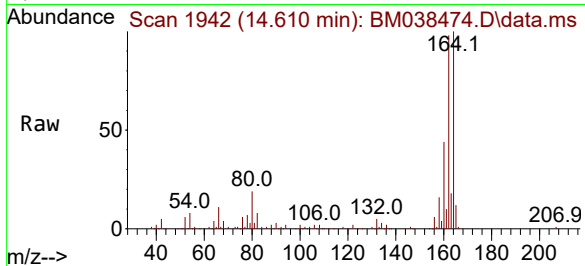




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

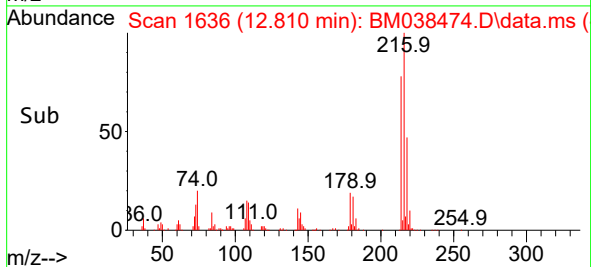
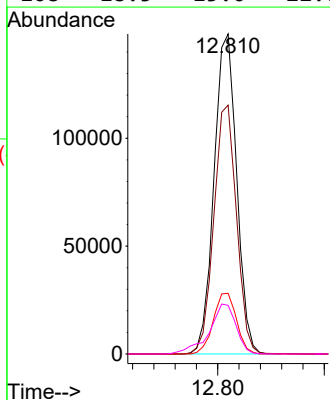
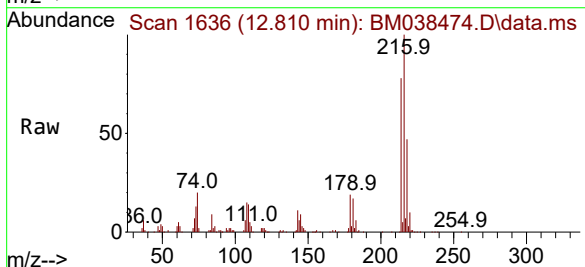
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

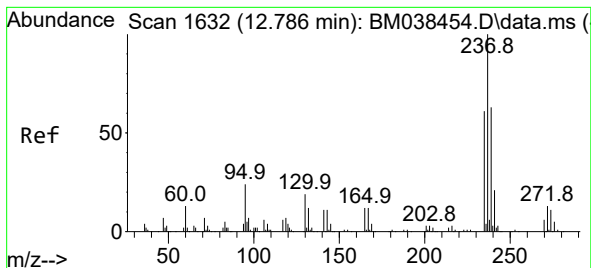
Tgt Ion:164 Resp: 143444
Ion Ratio Lower Upper
164 100
162 98.4 80.9 121.3
160 44.3 37.4 56.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.657 ng
RT: 12.810 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:216 Resp: 218274
Ion Ratio Lower Upper
216 100
214 77.9 61.4 92.0
179 19.4 15.3 22.9
108 18.5 15.0 22.6

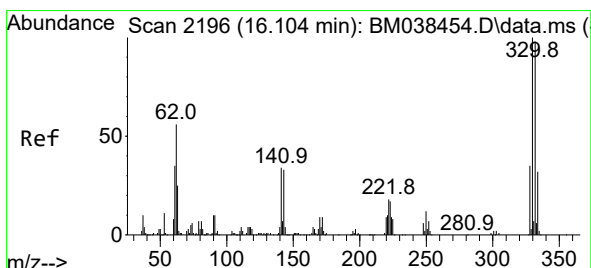
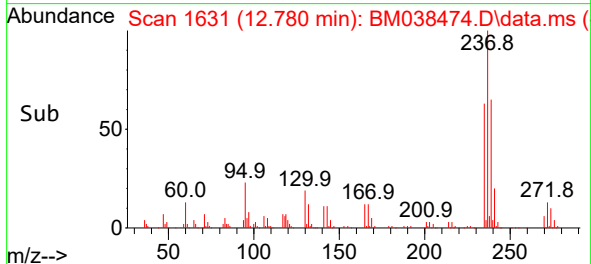
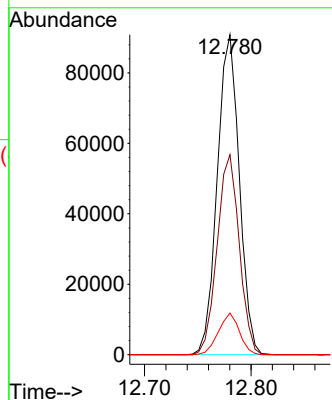
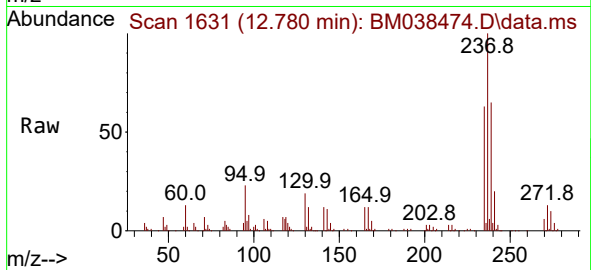




#41
Hexachlorocyclopentadiene
Concen: 42.729 ng
RT: 12.780 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

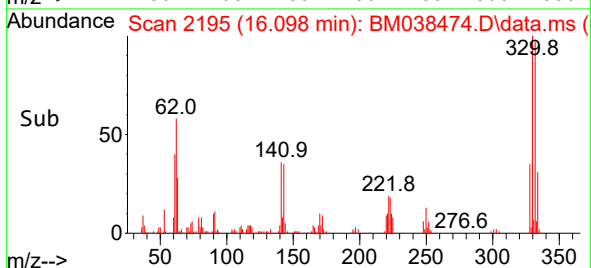
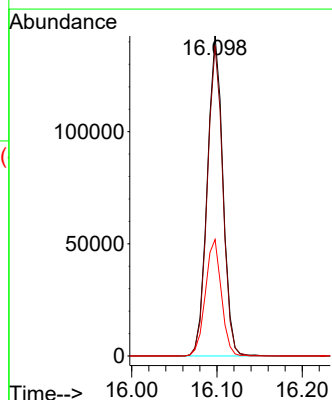
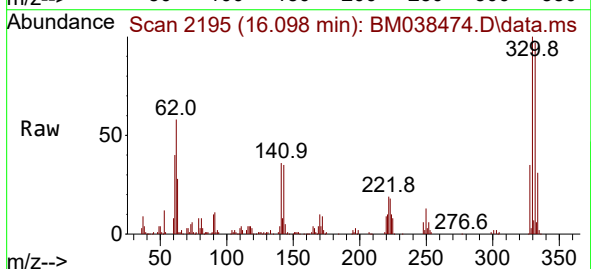
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

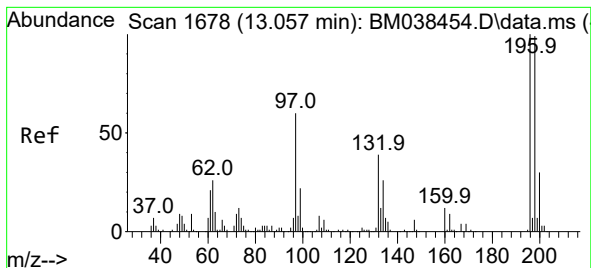
Tgt Ion:237 Resp: 130434
Ion Ratio Lower Upper
237 100
235 62.5 40.9 80.9
272 13.0 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 75.112 ng
RT: 16.098 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:330 Resp: 182141
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 36.9 28.1 42.1





#43

2,4,6-Trichlorophenol

Concen: 38.154 ng

RT: 13.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

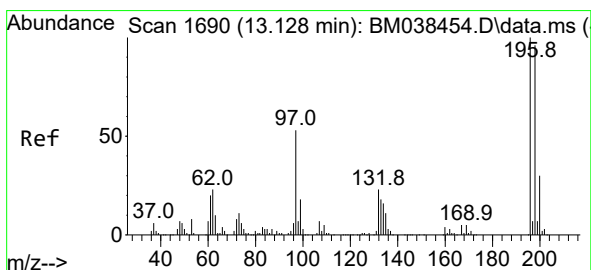
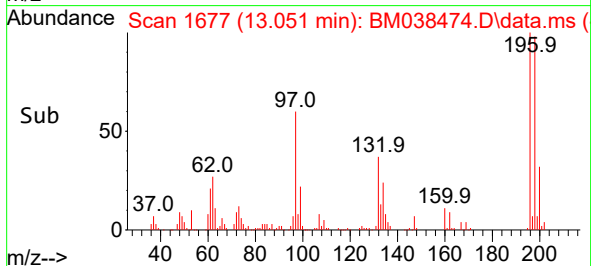
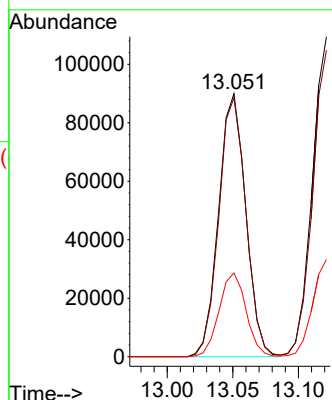
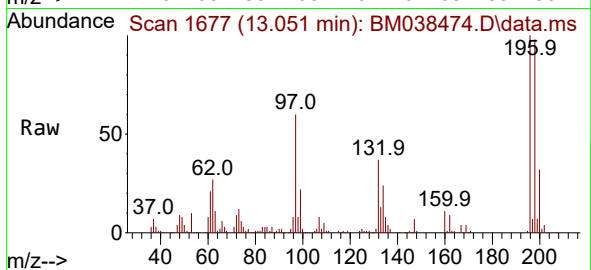
Tgt Ion:196 Resp: 129487

Ion Ratio Lower Upper

196 100

198 98.4 78.8 118.2

200 31.8 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 39.311 ng

RT: 13.121 min Scan# 1689

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Tgt Ion:196 Resp: 157298

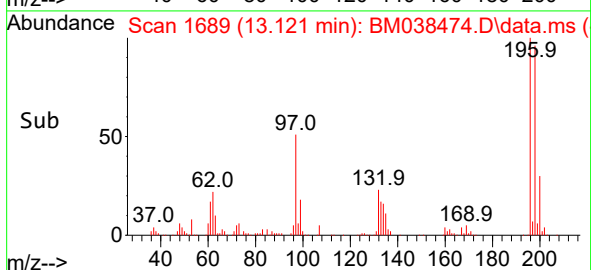
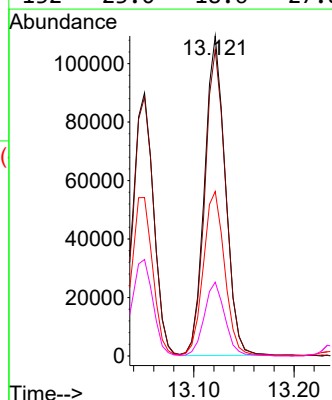
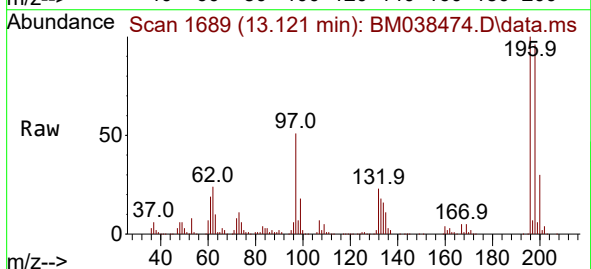
Ion Ratio Lower Upper

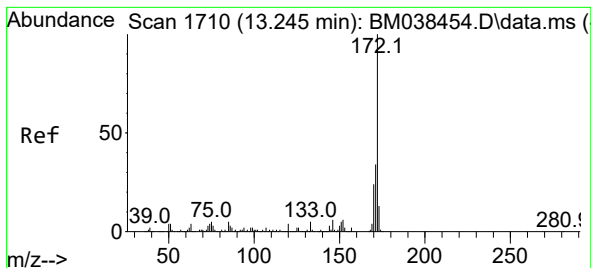
196 100

198 95.8 77.4 116.2

97 51.4 42.4 63.6

132 23.0 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 79.956 ng

RT: 13.239 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

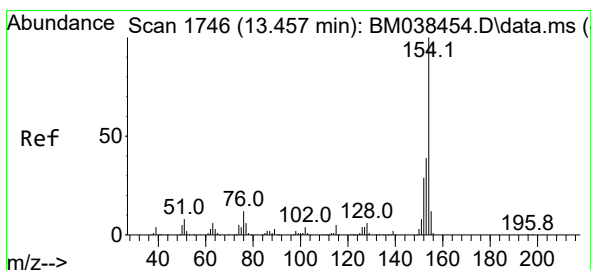
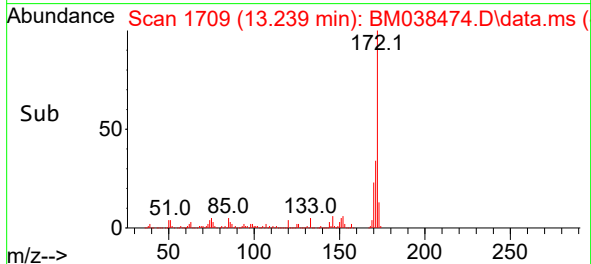
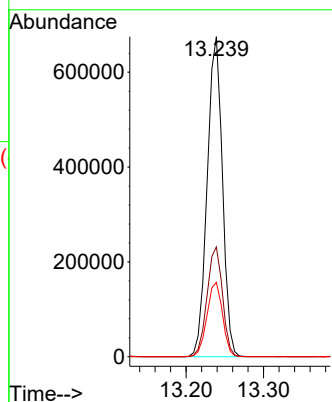
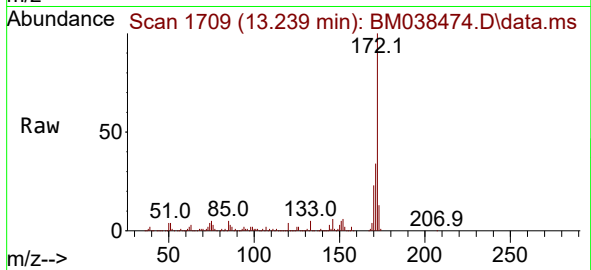
Tgt Ion:172 Resp: 919672

Ion Ratio Lower Upper

172 100

171 34.3 27.5 41.3

170 23.3 19.0 28.6



#46

1,1'-Biphenyl

Concen: 39.734 ng

RT: 13.445 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

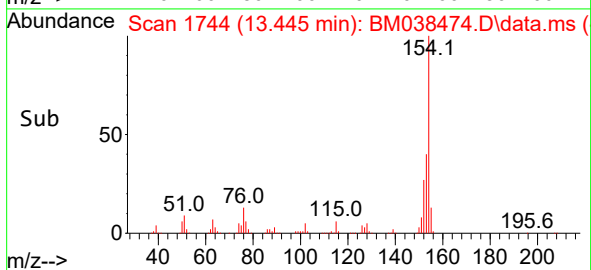
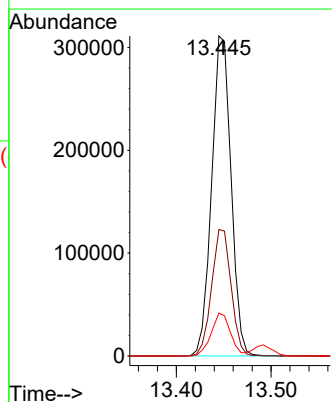
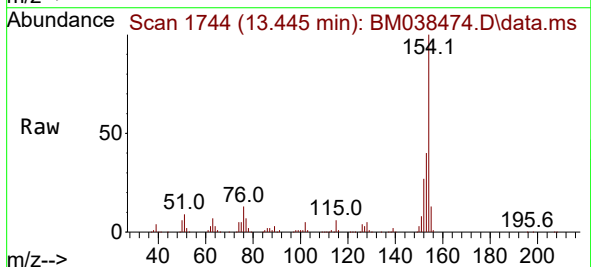
Tgt Ion:154 Resp: 442182

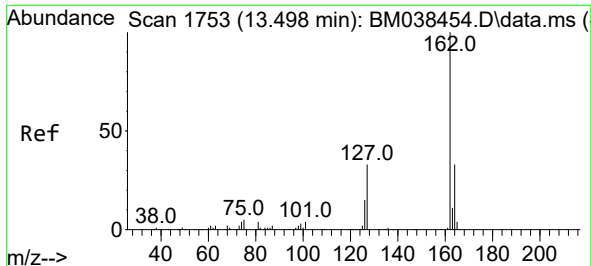
Ion Ratio Lower Upper

154 100

153 39.5 19.3 59.3

76 13.4 0.0 32.2

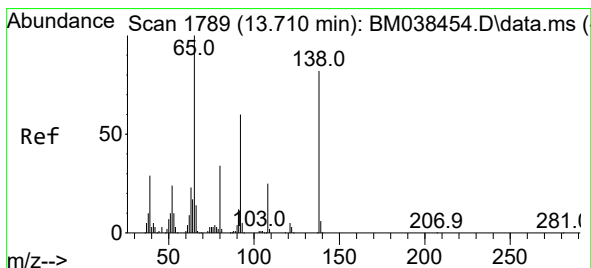
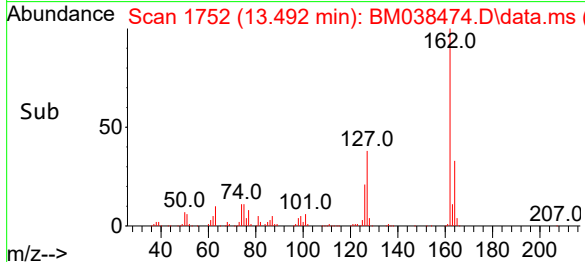
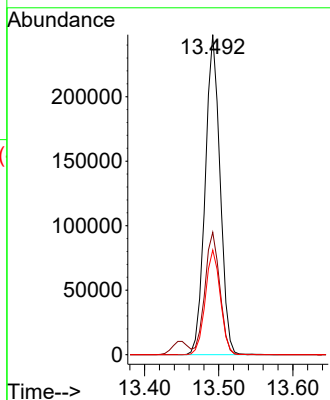
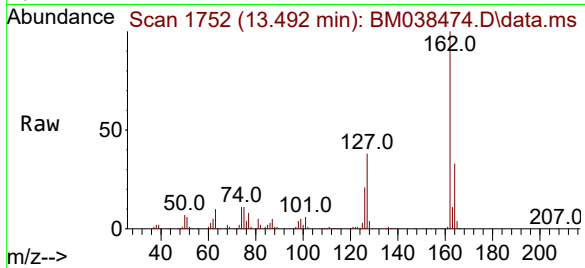




#47
2-Chloronaphthalene
Concen: 39.411 ng
RT: 13.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

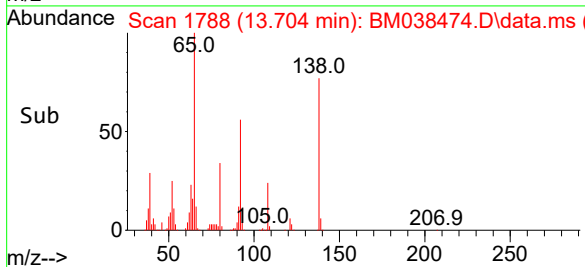
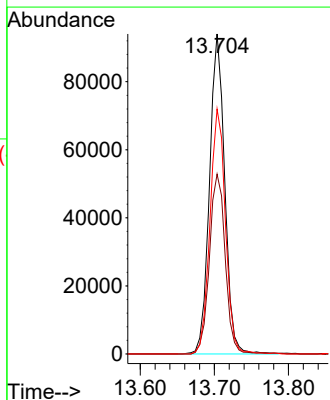
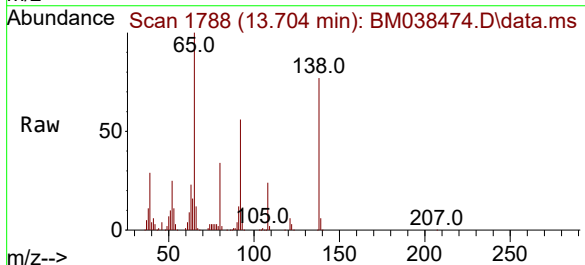
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

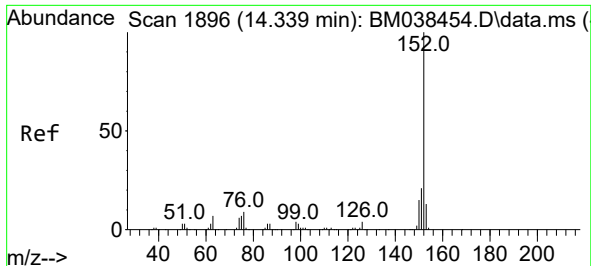
Tgt Ion:162 Resp: 345208
Ion Ratio Lower Upper
162 100
127 38.2 29.5 44.3
164 32.7 26.2 39.4



#48
2-Nitroaniline
Concen: 39.589 ng
RT: 13.704 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion: 65 Resp: 134028
Ion Ratio Lower Upper
65 100
92 56.2 47.6 71.4
138 76.6 65.8 98.8

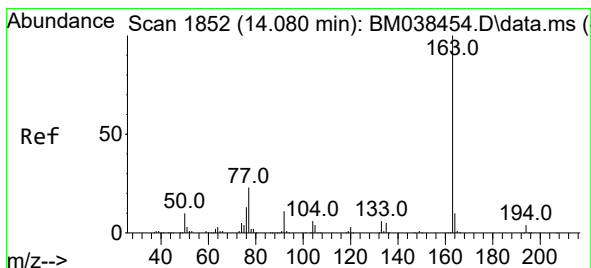
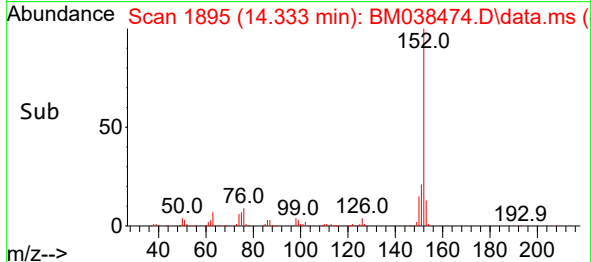
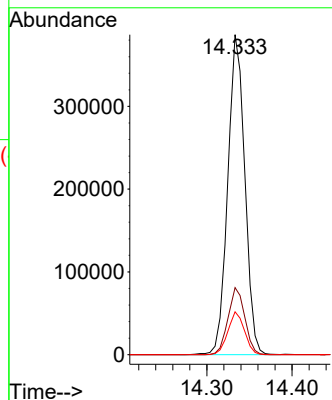
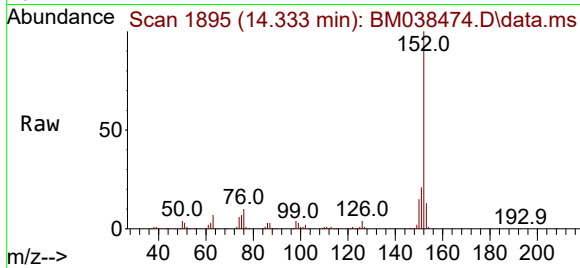




#49
Acenaphthylene
Concen: 38.969 ng
RT: 14.333 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

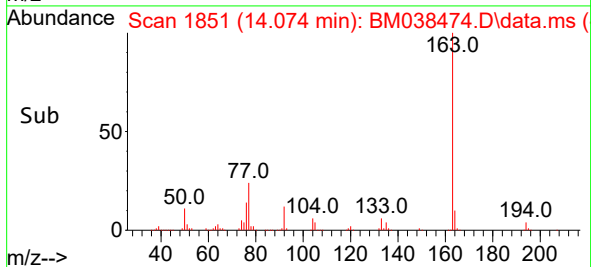
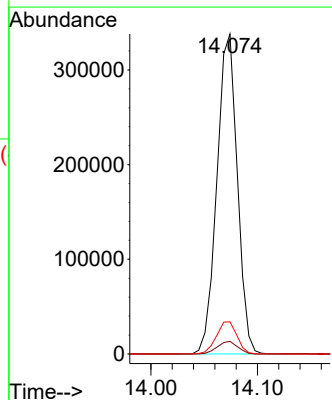
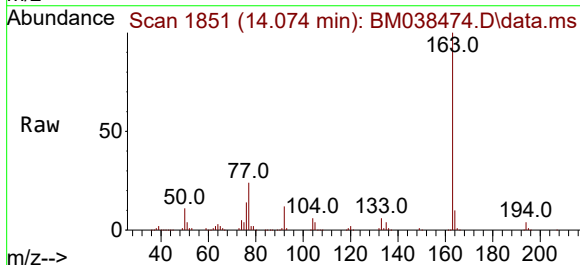
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

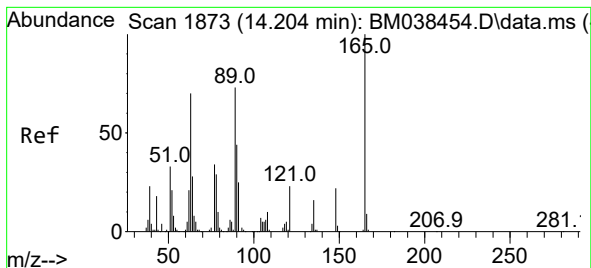
Tgt Ion:152 Resp: 538145
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 38.677 ng
RT: 14.074 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:163 Resp: 449629
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 10.0 7.8 11.8

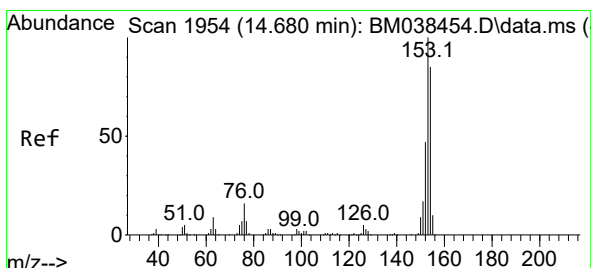
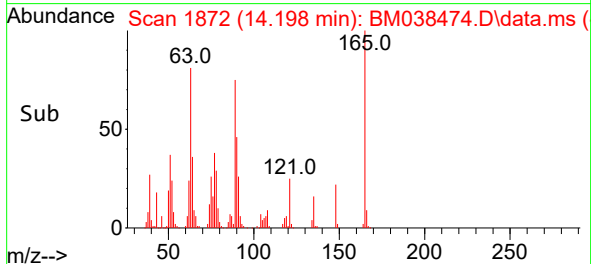
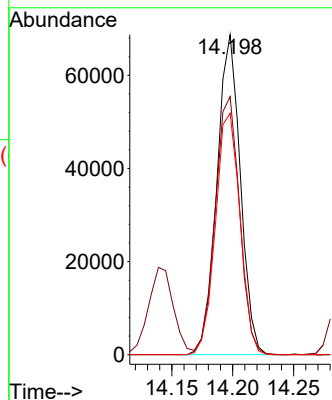
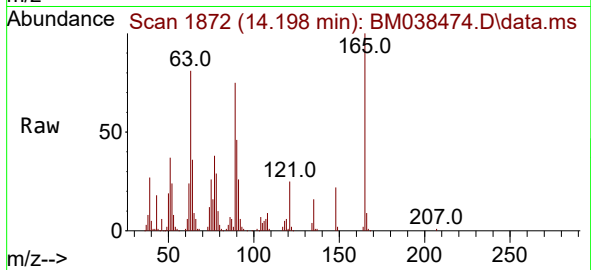




#51
2,6-Dinitrotoluene
Concen: 38.923 ng
RT: 14.198 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

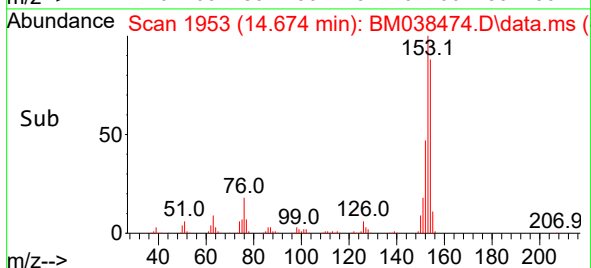
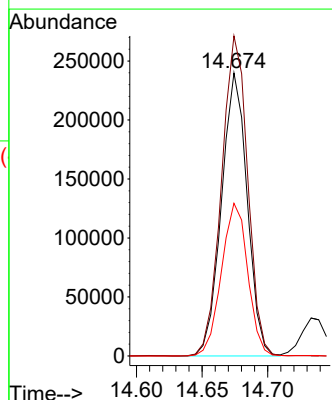
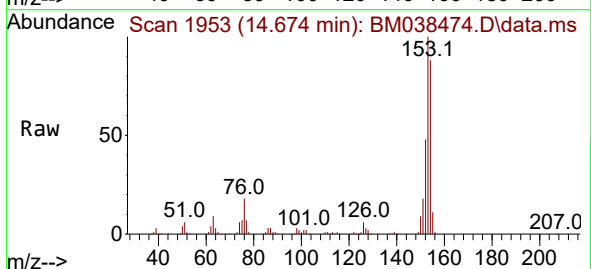
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

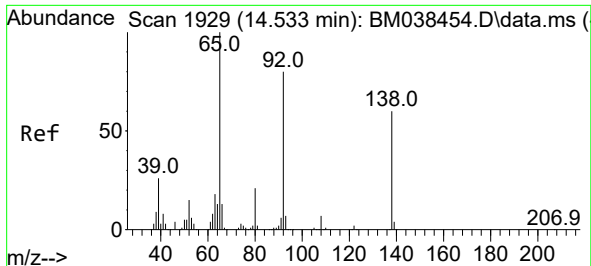
Tgt Ion:165 Resp: 92052
Ion Ratio Lower Upper
165 100
63 80.6 60.9 91.3
89 75.5 58.6 87.8



#52
Acenaphthene
Concen: 38.889 ng
RT: 14.674 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:154 Resp: 326369
Ion Ratio Lower Upper
154 100
153 113.0 93.8 140.6
152 53.9 44.2 66.4

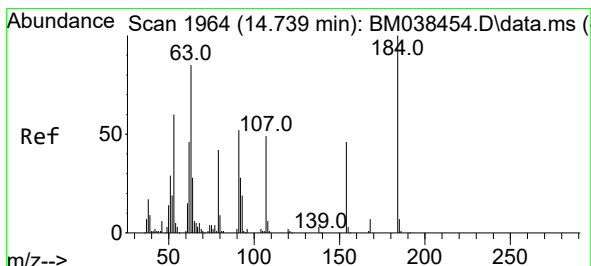
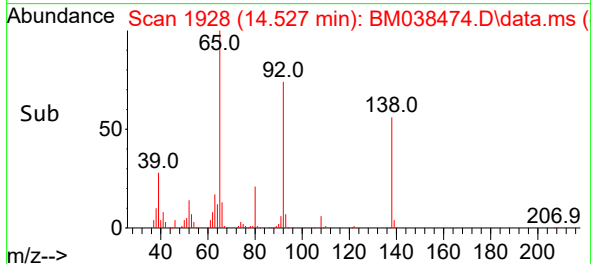
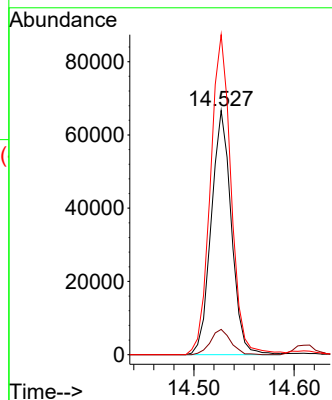
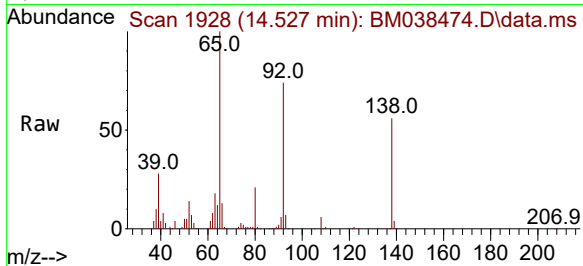




#53
3-Nitroaniline
Concen: 36.373 ng
RT: 14.527 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

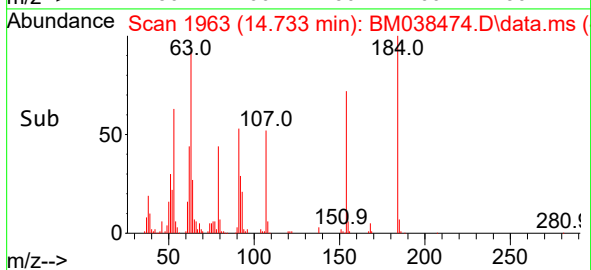
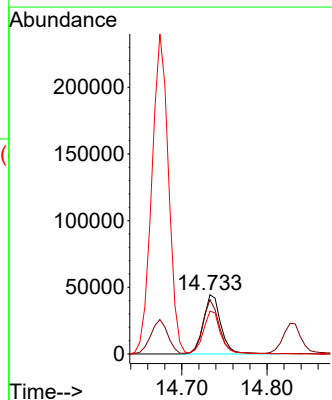
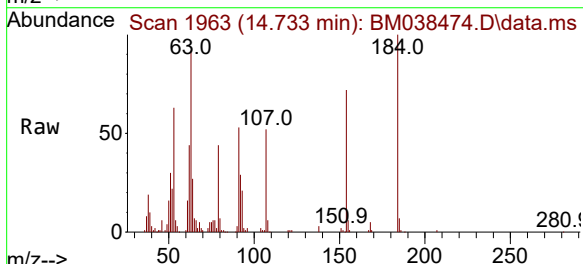
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

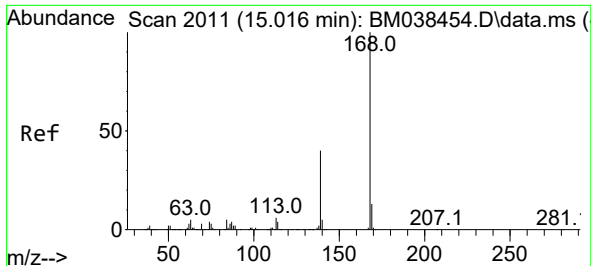
Tgt Ion:138 Resp: 92941
Ion Ratio Lower Upper
138 100
108 10.4 8.9 13.3
92 131.0 106.4 159.6



#54
2,4-Dinitrophenol
Concen: 36.378 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:184 Resp: 63177
Ion Ratio Lower Upper
184 100
63 91.6 70.0 105.0
154 72.5 55.6 83.4

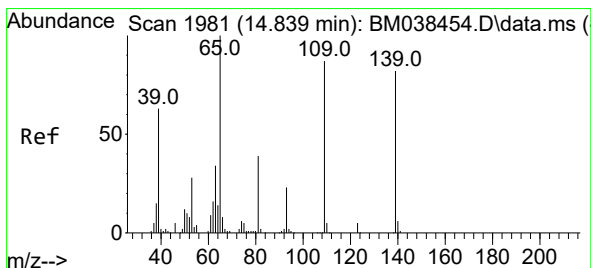
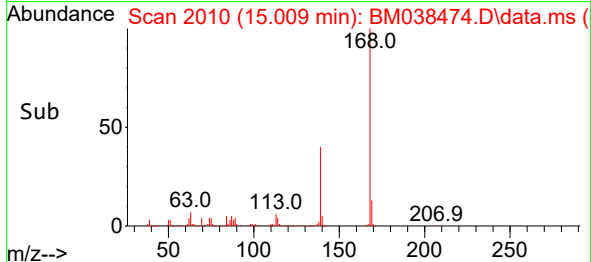
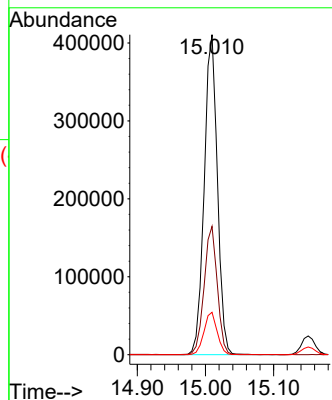
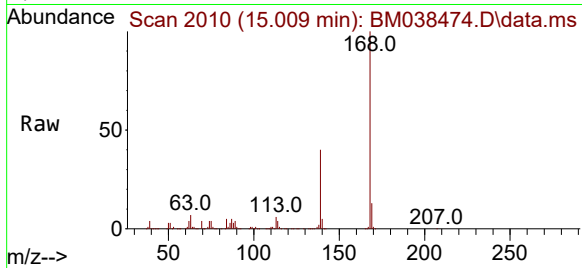




#55
Dibenzofuran
Concen: 38.556 ng
RT: 15.009 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

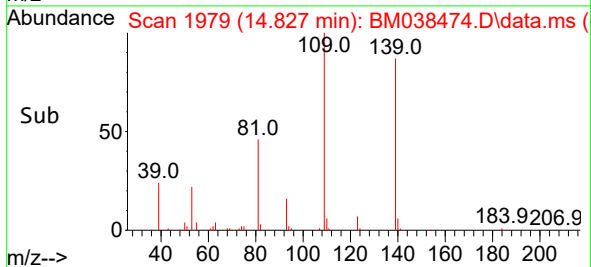
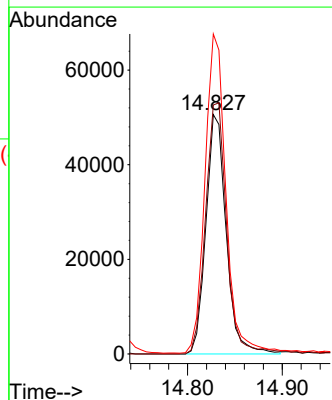
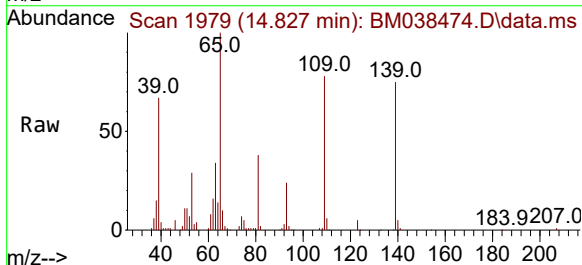
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

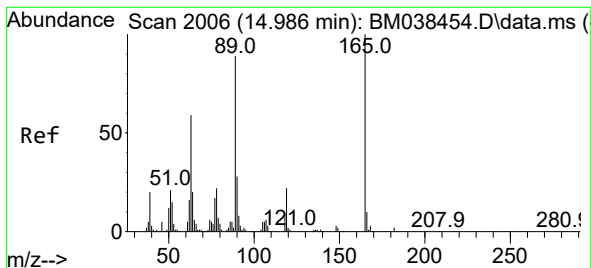
Tgt Ion:168 Resp: 550912
Ion Ratio Lower Upper
168 100
139 40.1 31.9 47.9
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 36.768 ng
RT: 14.827 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:139 Resp: 75285
Ion Ratio Lower Upper
139 100
109 104.0 86.0 126.0
65 133.7 102.7 142.7

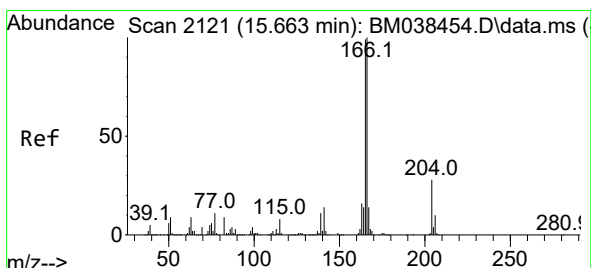
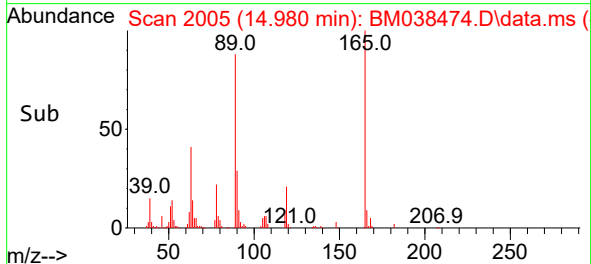
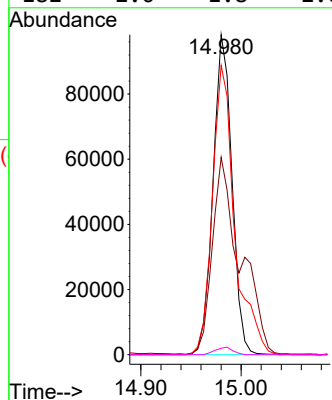
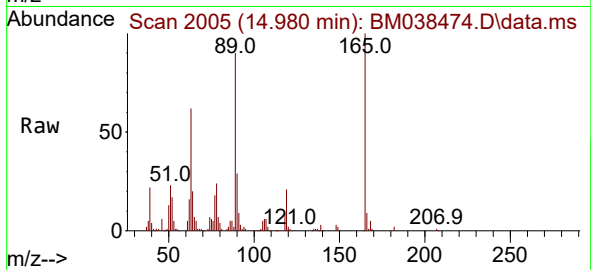




#57
2,4-Dinitrotoluene
Concen: 39.135 ng
RT: 14.980 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

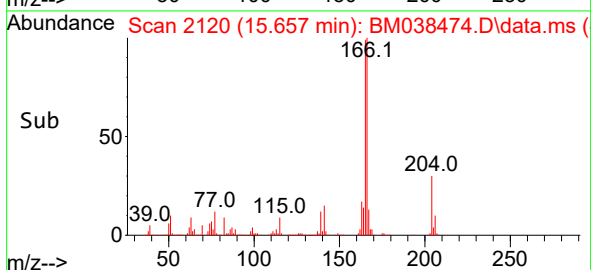
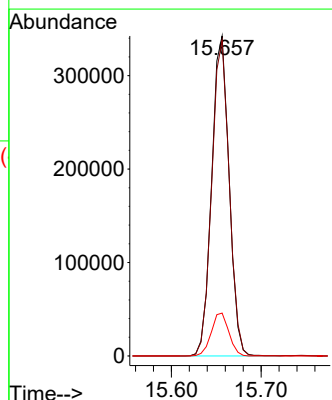
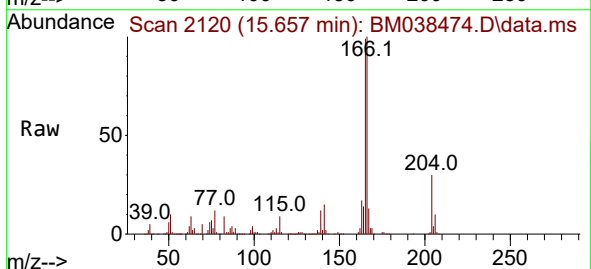
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

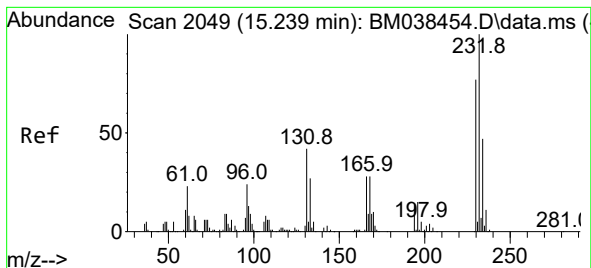
Tgt Ion:165 Resp: 128662
Ion Ratio Lower Upper
165 100
63 61.7 47.7 71.5
89 90.4 71.5 107.3
182 2.0 1.8 2.6



#58
Fluorene
Concen: 38.715 ng
RT: 15.657 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:166 Resp: 462187
Ion Ratio Lower Upper
166 100
165 98.7 79.2 118.8
167 13.4 11.0 16.4

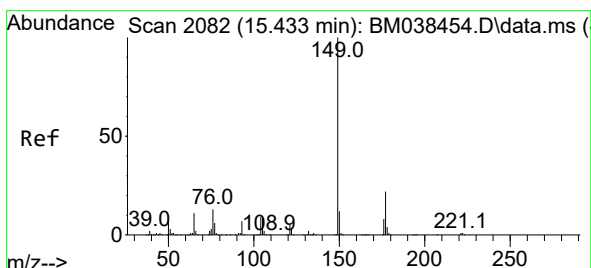
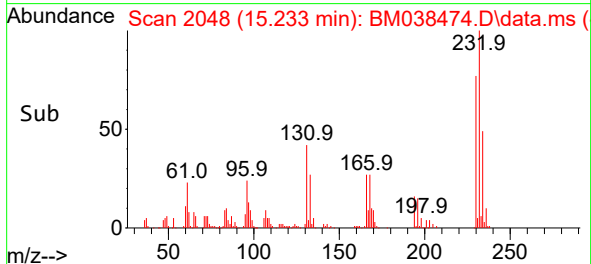
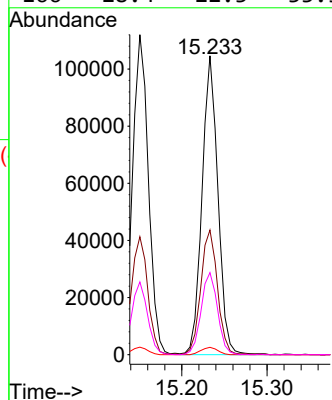
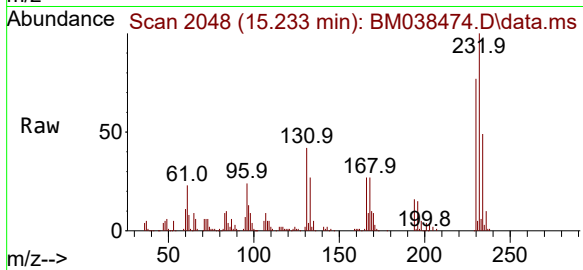




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.180 ng
RT: 15.233 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

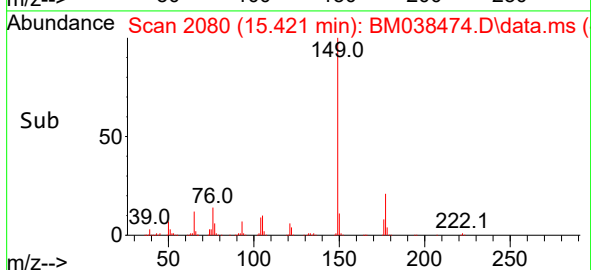
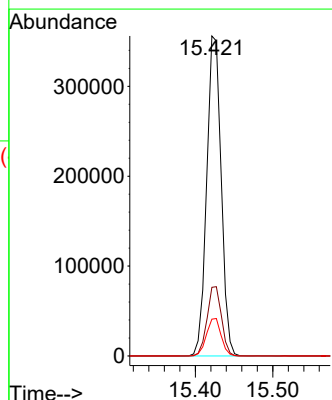
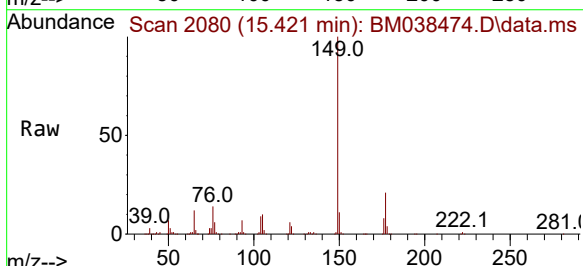
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

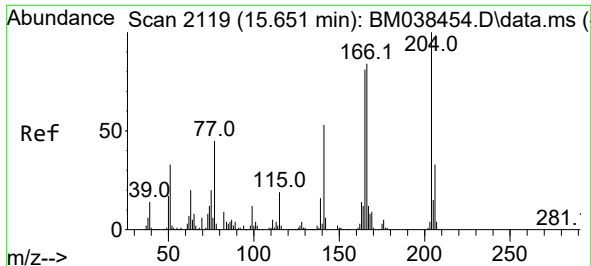
Tgt Ion:232 Resp: 135455
Ion Ratio Lower Upper
232 100
131 44.0 33.8 50.6
130 2.6 1.9 2.9
166 28.4 22.3 33.5



#60
Diethylphthalate
Concen: 38.755 ng
RT: 15.421 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:149 Resp: 462180
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 11.5 9.5 14.3

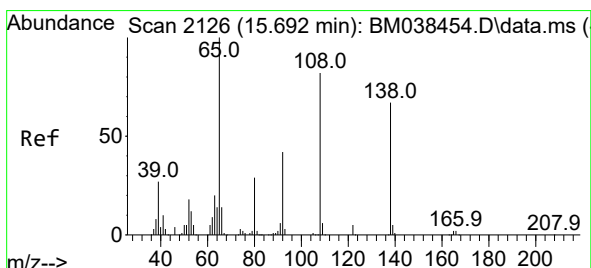
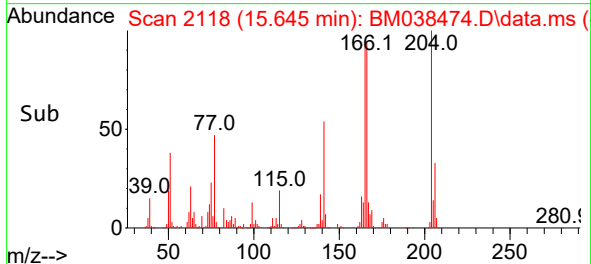
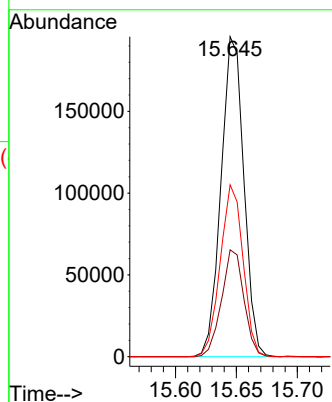
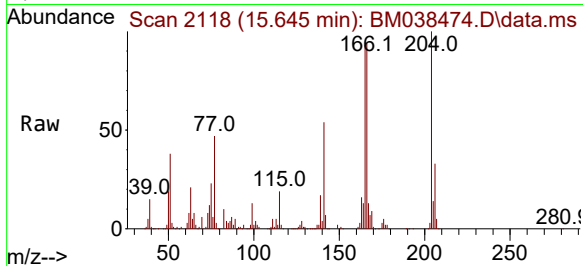




#61
4-Chlorophenyl-phenylether
Concen: 38.967 ng
RT: 15.645 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

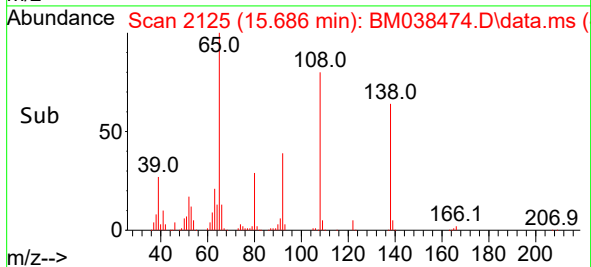
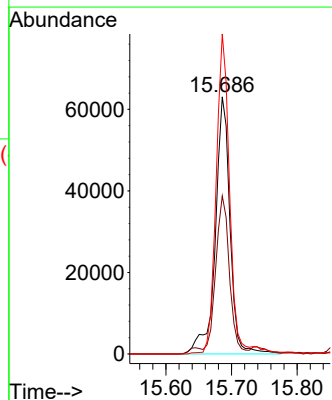
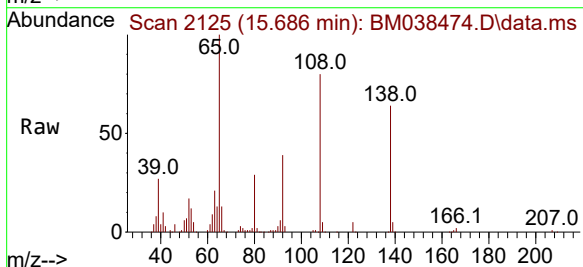
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

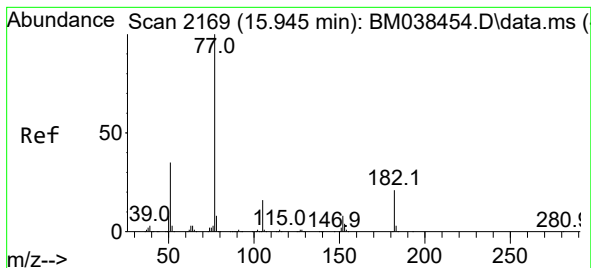
Tgt Ion:204 Resp: 255359
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.4
141 53.7 42.5 63.7



#62
4-Nitroaniline
Concen: 36.239 ng
RT: 15.686 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:138 Resp: 97985
Ion Ratio Lower Upper
138 100
92 61.5 42.1 82.1
108 124.5 102.5 142.5





#63

Azobenzene

Concen: 41.079 ng

RT: 15.939 min Scan# 2169

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 539047

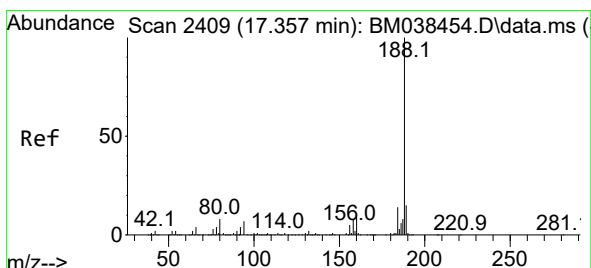
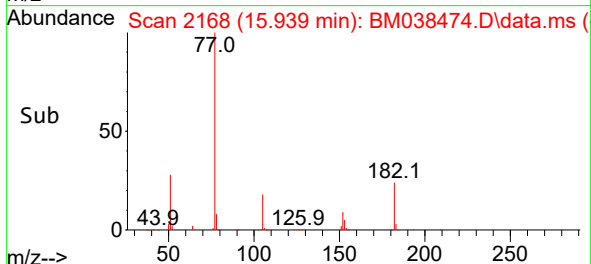
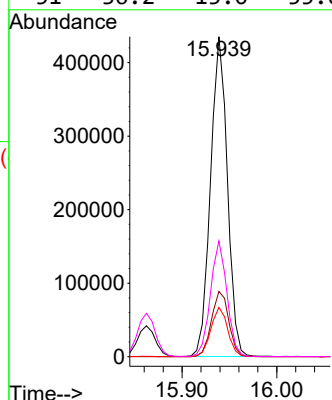
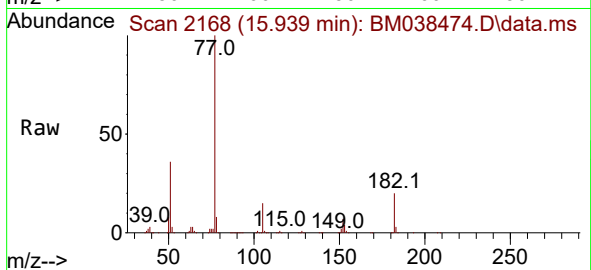
Ion Ratio Lower Upper

77 100

182 20.4 1.1 41.1

105 15.4 0.0 36.4

51 36.2 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

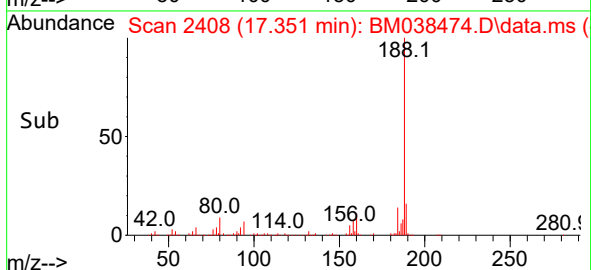
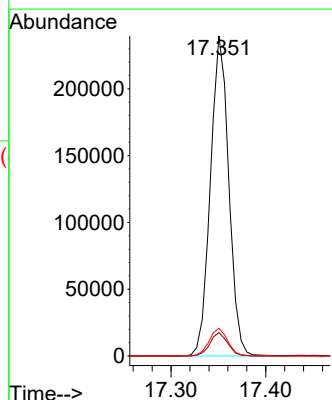
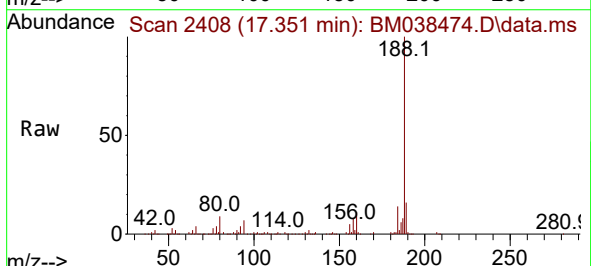
Tgt Ion:188 Resp: 322857

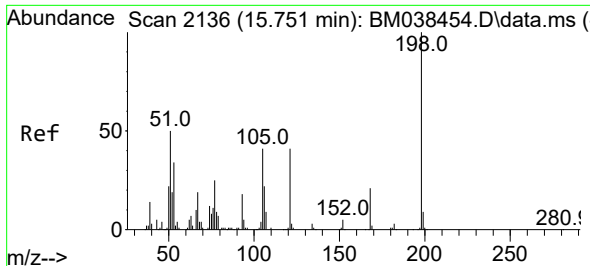
Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.0

80 8.6 6.5 9.7

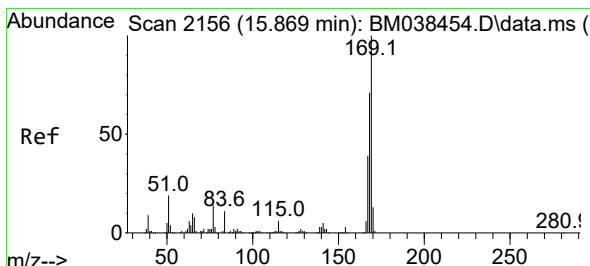
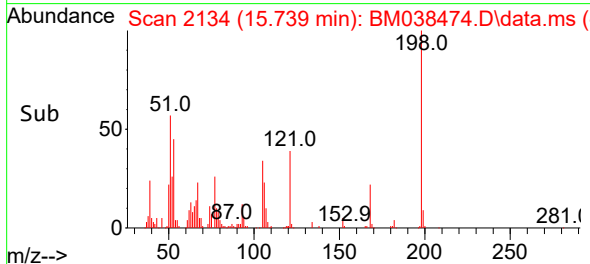
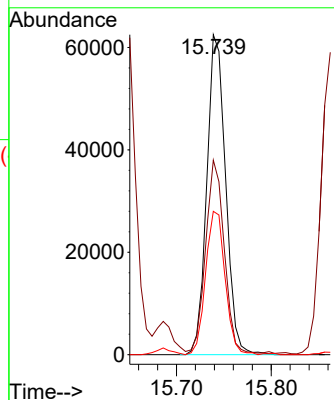
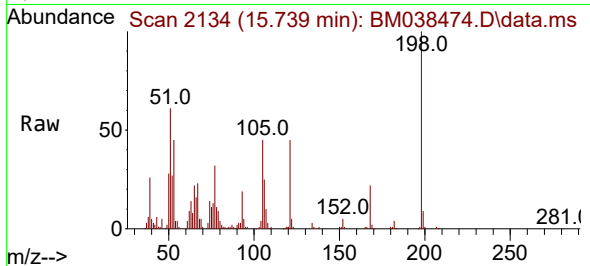




#65
4,6-Dinitro-2-methylphenol
Concen: 39.359 ng
RT: 15.739 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

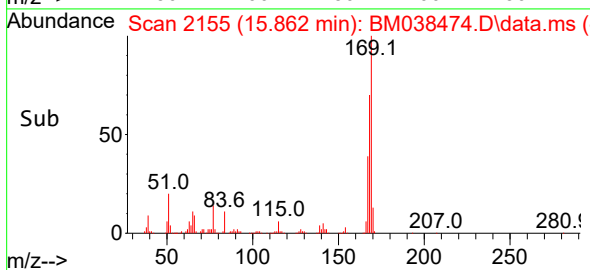
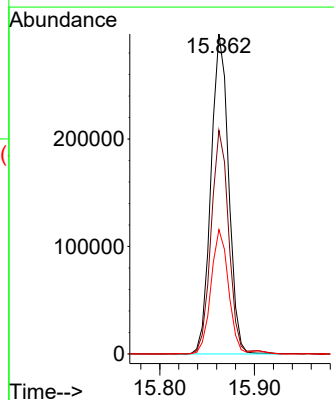
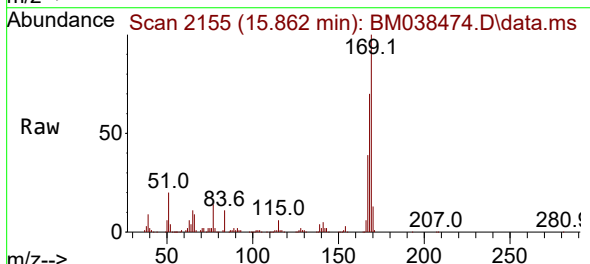
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

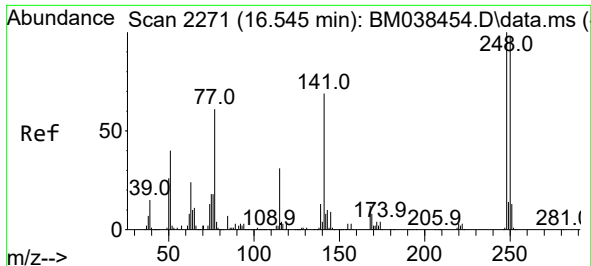
Tgt Ion:198 Resp: 86230
Ion Ratio Lower Upper
198 100
51 60.8 31.6 71.6
105 44.8 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 40.669 ng
RT: 15.862 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:169 Resp: 385264
Ion Ratio Lower Upper
169 100
168 69.9 56.6 85.0
167 38.9 31.1 46.7

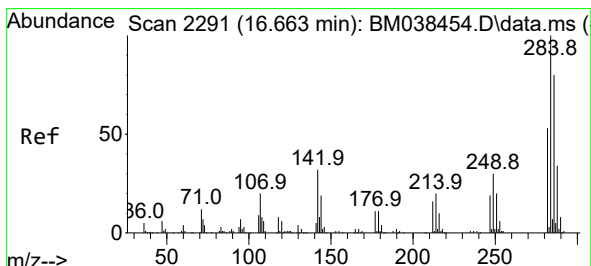
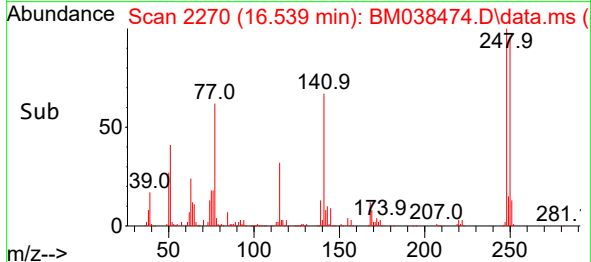
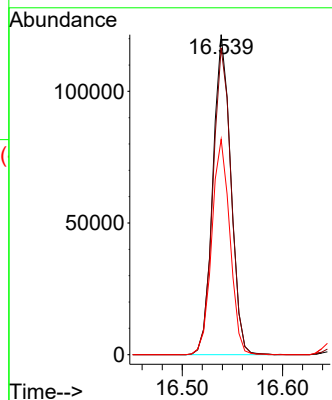
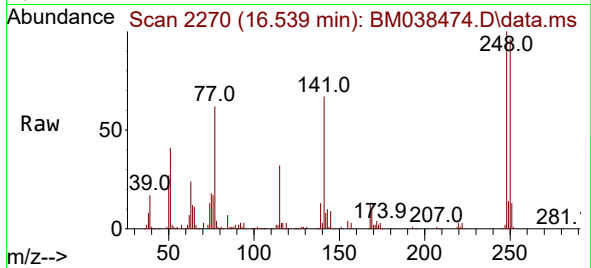




#67
4-Bromophenyl-phenylether
Concen: 40.426 ng
RT: 16.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

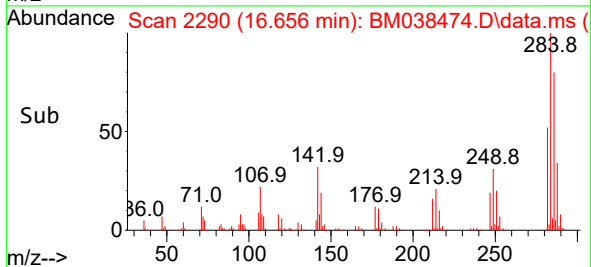
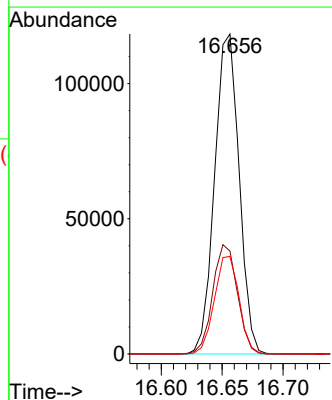
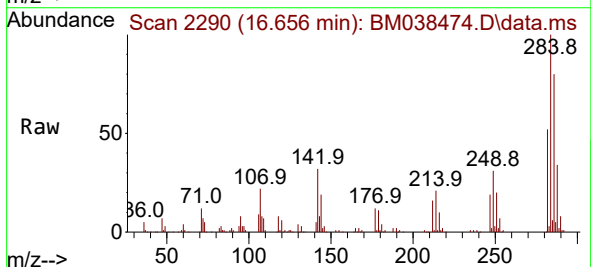
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

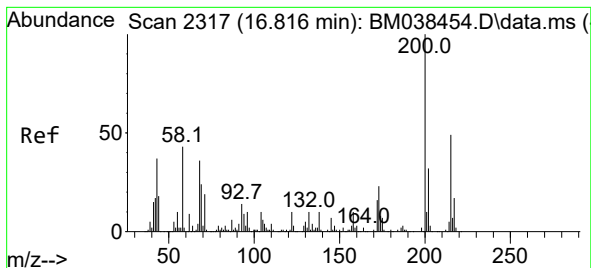
Tgt Ion:248 Resp: 150975
Ion Ratio Lower Upper
248 100
250 95.9 78.3 117.5
141 67.3 55.1 82.7



#68
Hexachlorobenzene
Concen: 39.598 ng
RT: 16.656 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BM038474.D
Acq: 18 Jan 2023 11:12

Tgt Ion:284 Resp: 165597
Ion Ratio Lower Upper
284 100
142 32.1 26.0 39.0
249 30.5 23.8 35.8





#69

Atrazine

Concen: 40.273 ng

RT: 16.809 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

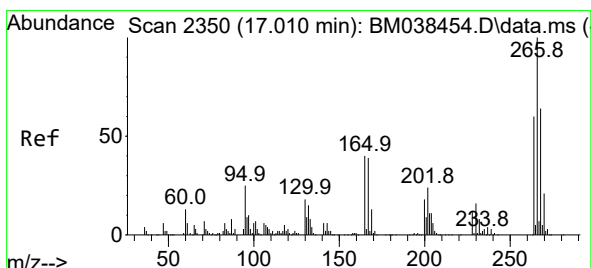
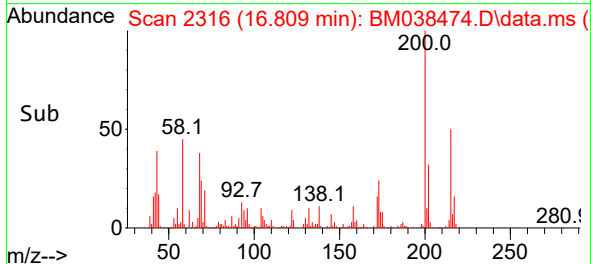
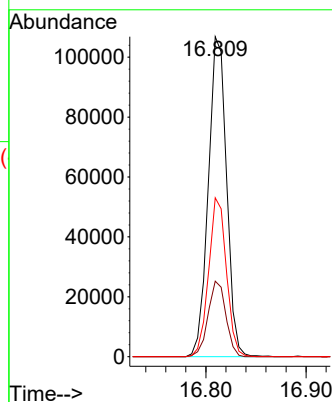
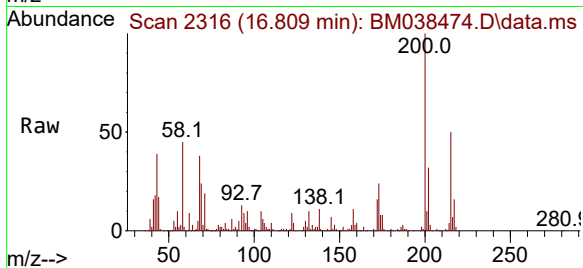
Tgt Ion:200 Resp: 134914

Ion Ratio Lower Upper

200 100

173 23.6 3.4 43.4

215 49.6 29.3 69.3



#70

Pentachlorophenol

Concen: 39.998 ng

RT: 16.998 min Scan# 2348

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

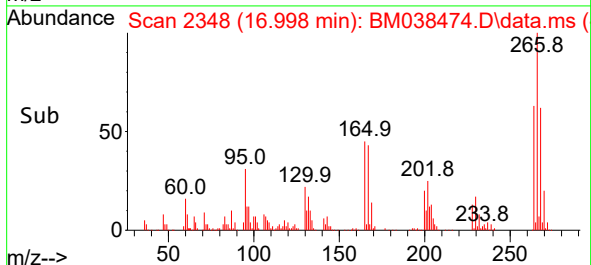
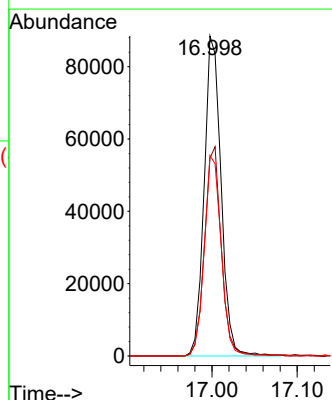
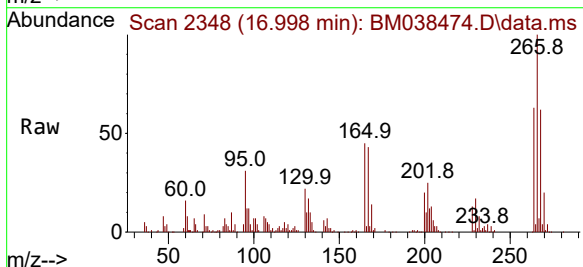
Tgt Ion:266 Resp: 122109

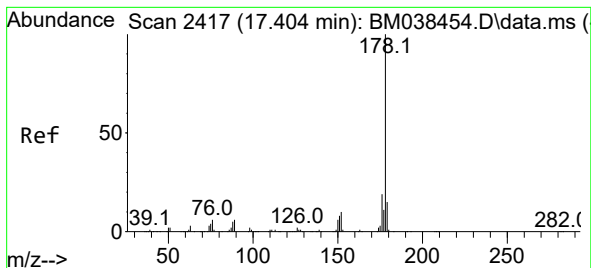
Ion Ratio Lower Upper

266 100

268 61.8 51.4 77.0

264 62.7 48.2 72.2





#71

Phenanthrene

Concen: 39.476 ng

RT: 17.392 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

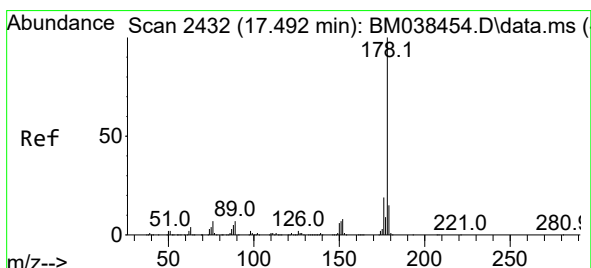
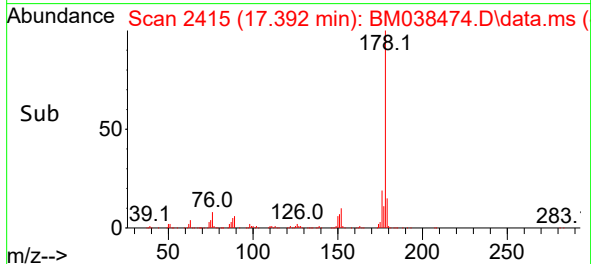
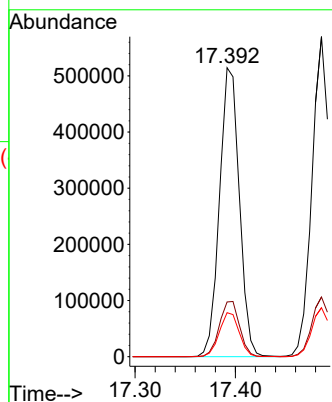
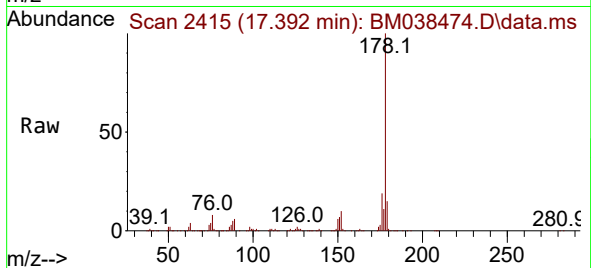
Tgt Ion:178 Resp: 705114

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.2 12.1 18.1



#72

Anthracene

Concen: 39.572 ng

RT: 17.486 min Scan# 2431

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

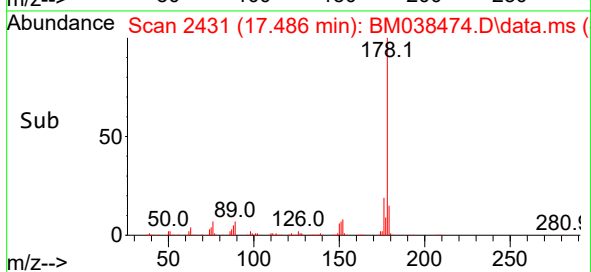
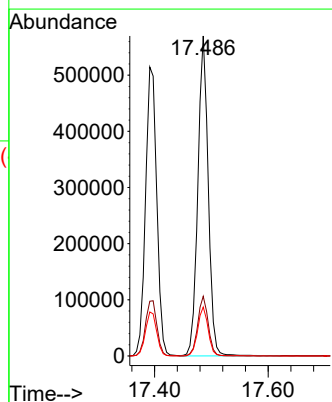
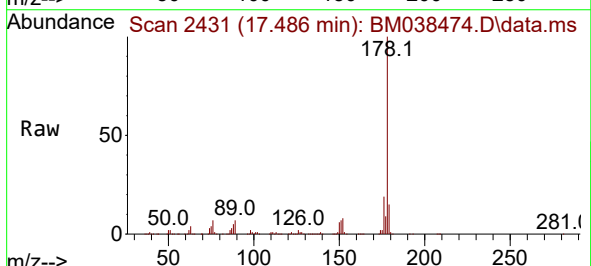
Tgt Ion:178 Resp: 726444

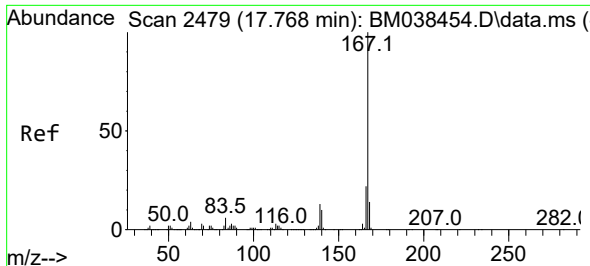
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

179 15.3 12.2 18.2

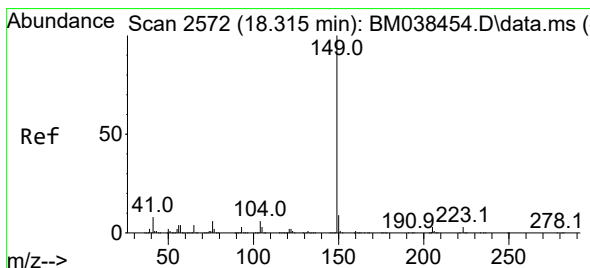
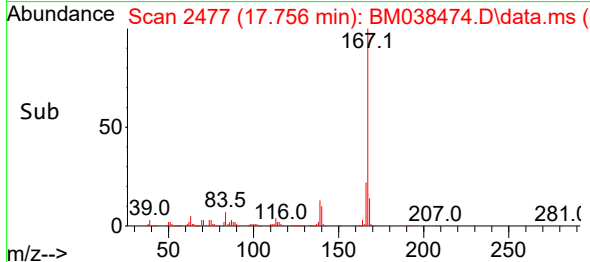
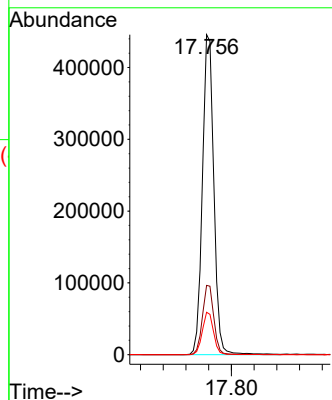
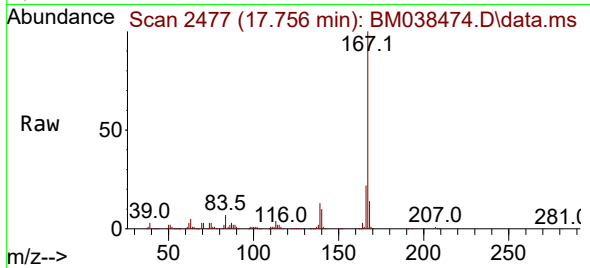




#73
 Carbazole
 Concen: 38.763 ng
 RT: 17.756 min Scan# 2477
 Delta R.T. 0.000 min
 Lab File: BM038474.D
 Acq: 18 Jan 2023 11:12

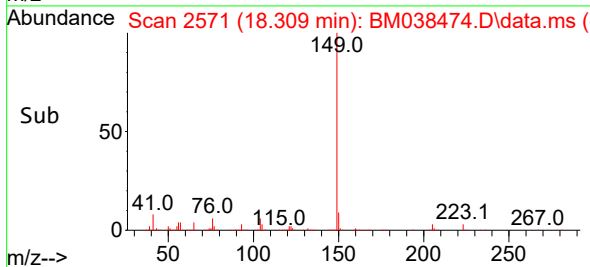
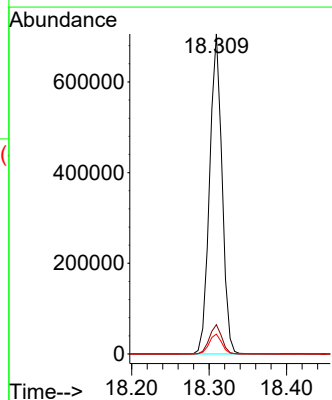
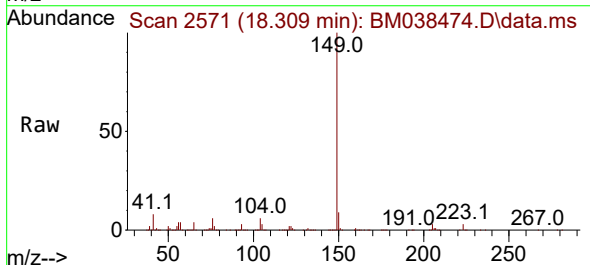
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

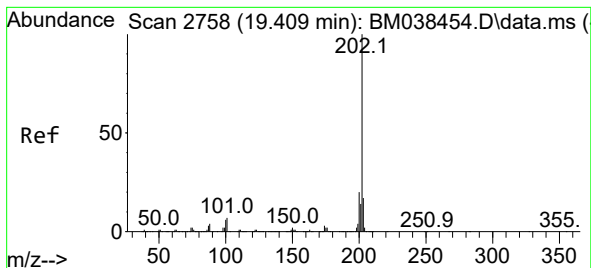
Tgt Ion:167 Resp: 622275
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.3 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 41.200 ng
 RT: 18.309 min Scan# 2571
 Delta R.T. 0.000 min
 Lab File: BM038474.D
 Acq: 18 Jan 2023 11:12

Tgt Ion:149 Resp: 785521
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 6.2 4.7 7.1





#75

Fluoranthene

Concen: 39.658 ng

RT: 19.403 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

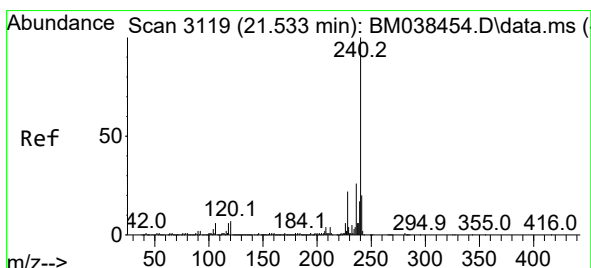
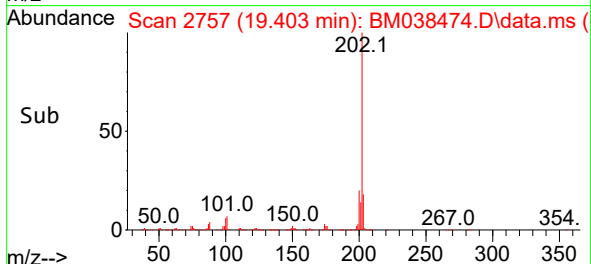
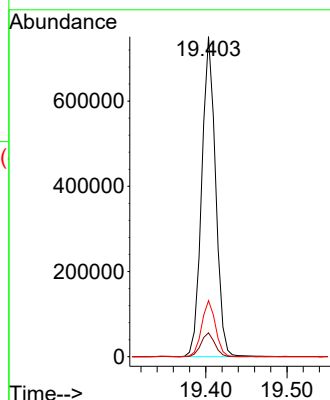
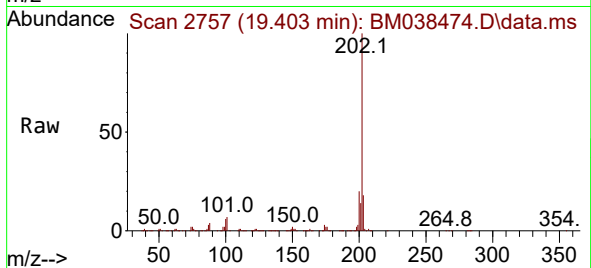
Tgt Ion:202 Resp: 890512

Ion Ratio Lower Upper

202 100

101 7.5 0.0 27.4

203 17.5 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

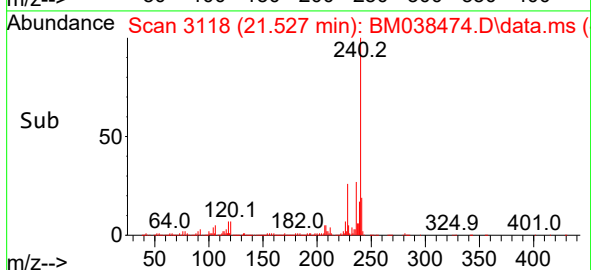
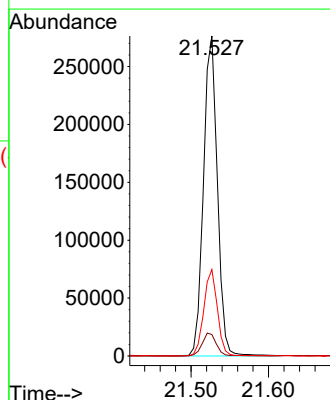
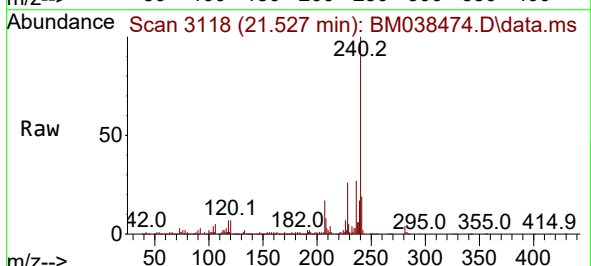
Tgt Ion:240 Resp: 344652

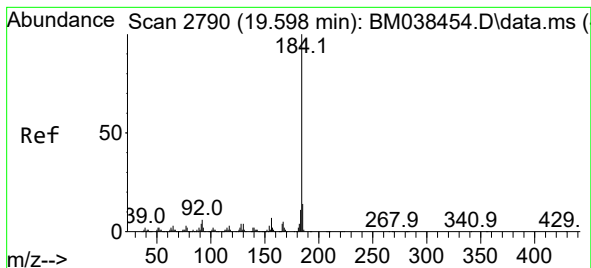
Ion Ratio Lower Upper

240 100

120 6.7 5.6 8.4

236 27.0 21.0 31.4





#77

Benzidine

Concen: 41.896 ng

RT: 19.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

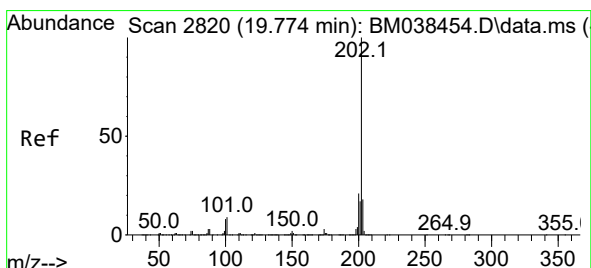
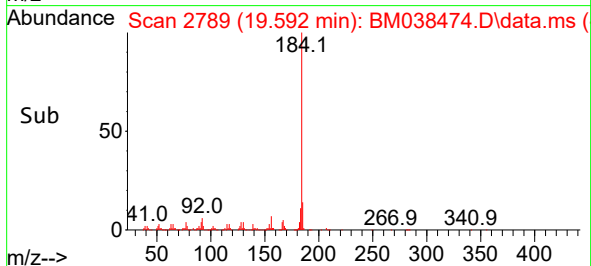
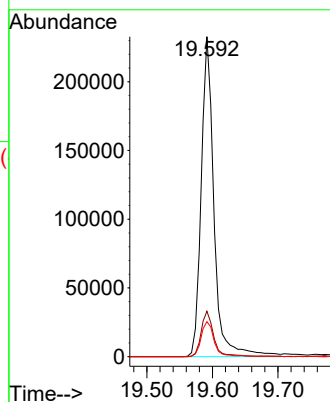
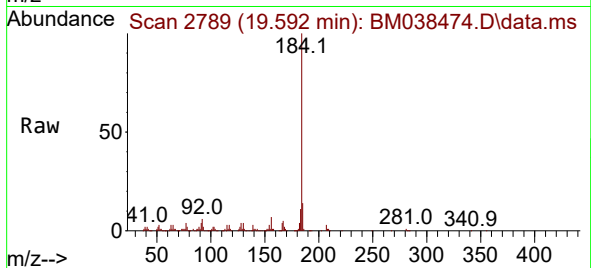
Tgt Ion:184 Resp: 316390

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

183 10.9 8.6 13.0



#78

Pyrene

Concen: 41.030 ng

RT: 19.768 min Scan# 2819

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

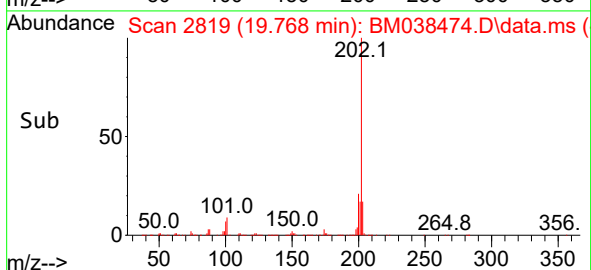
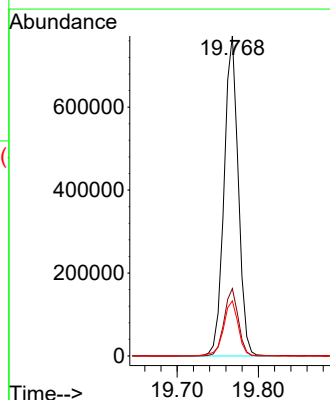
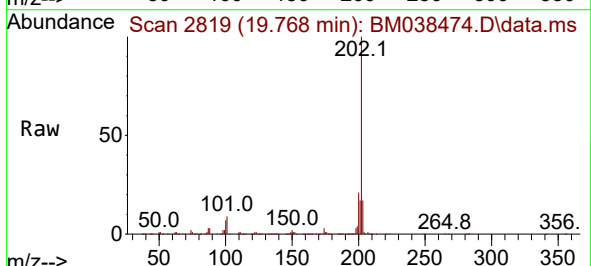
Tgt Ion:202 Resp: 941073

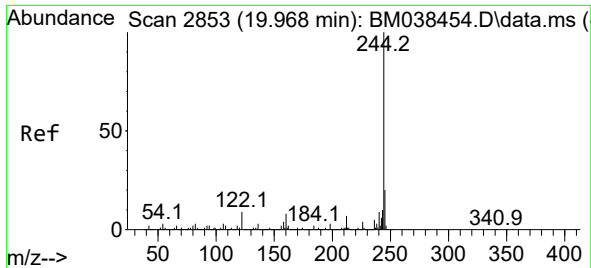
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.2 14.2 21.2

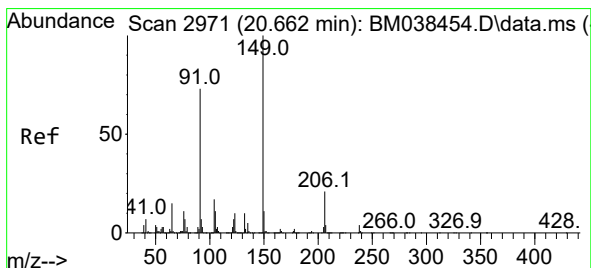
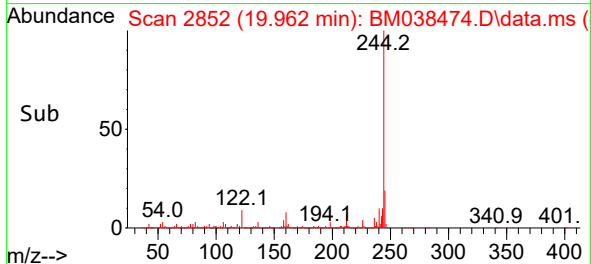
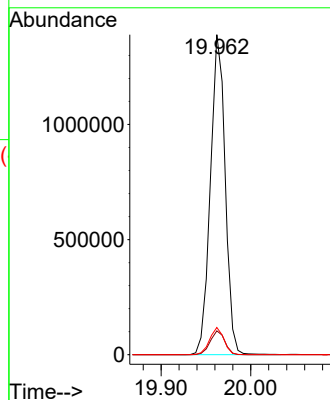
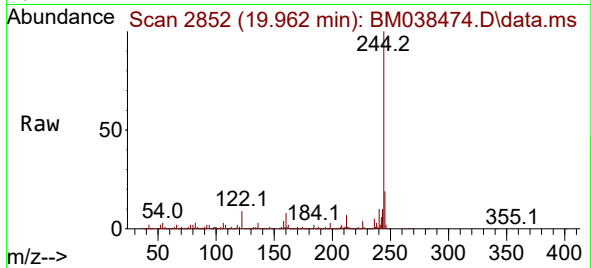




#79
 Terphenyl-d14
 Concen: 86.509 ng
 RT: 19.962 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038474.D
 Acq: 18 Jan 2023 11:12

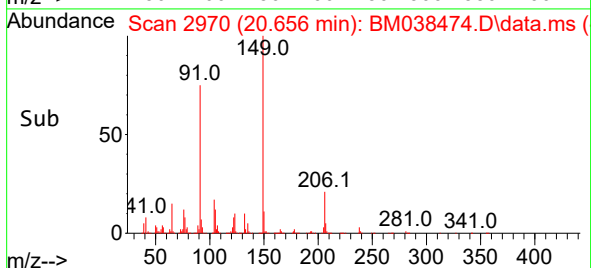
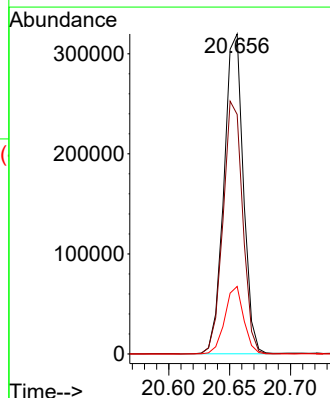
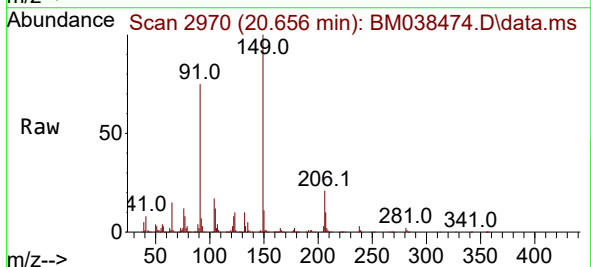
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

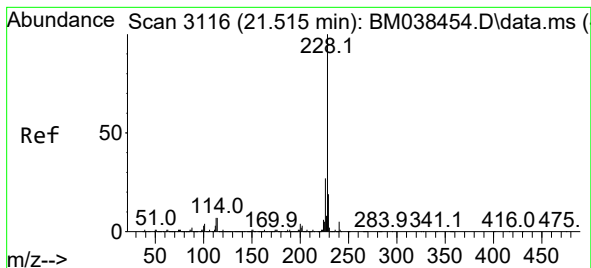
Tgt Ion:244 Resp: 1592675
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 8.5 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 42.272 ng
 RT: 20.656 min Scan# 2970
 Delta R.T. 0.000 min
 Lab File: BM038474.D
 Acq: 18 Jan 2023 11:12

Tgt Ion:149 Resp: 354400
 Ion Ratio Lower Upper
 149 100
 91 74.9 58.3 87.5
 206 21.1 16.7 25.1





#81

Benzo(a)anthracene

Concen: 40.443 ng

RT: 21.509 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

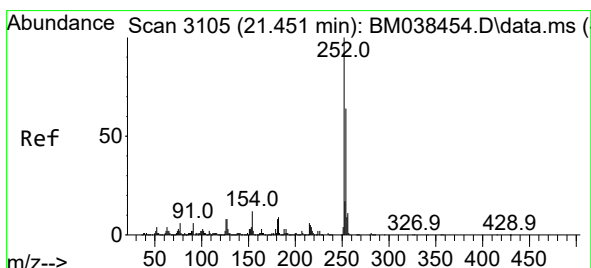
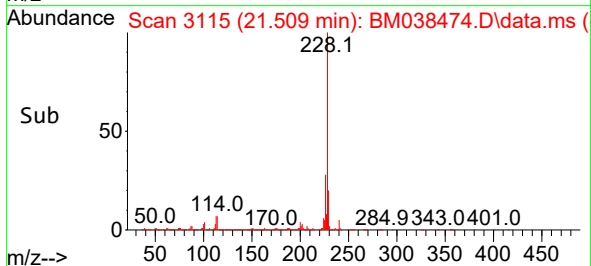
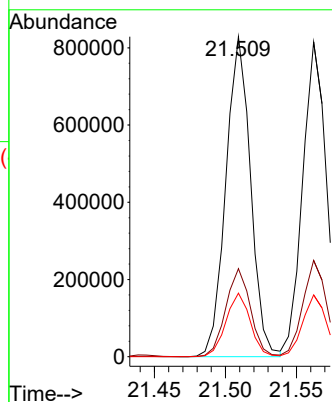
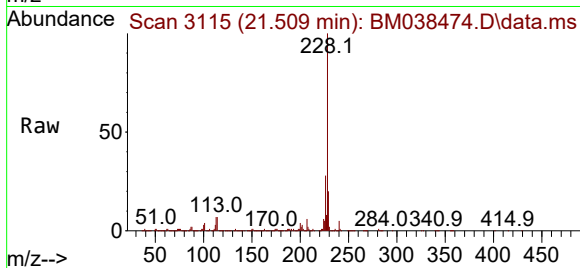
Tgt Ion:228 Resp: 1002499

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

229 19.9 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 40.473 ng

RT: 21.444 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

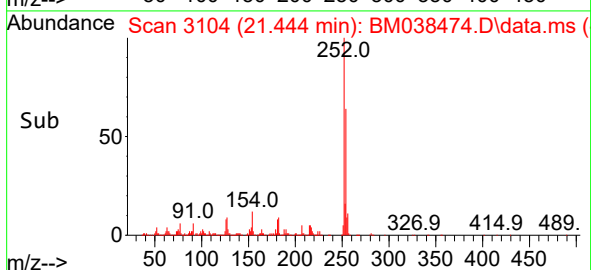
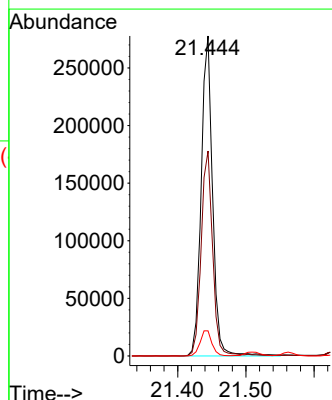
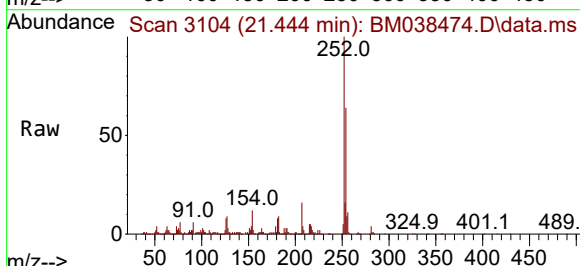
Tgt Ion:252 Resp: 323047

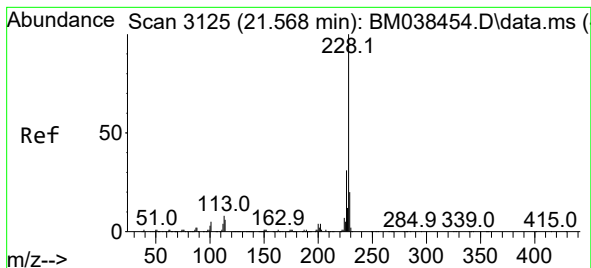
Ion Ratio Lower Upper

252 100

254 64.1 51.2 76.8

126 7.9 6.3 9.5





#83

Chrysene

Concen: 40.047 ng

RT: 21.562 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

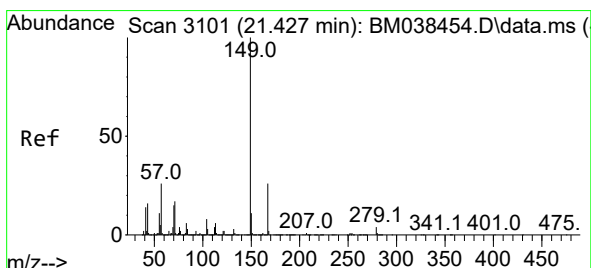
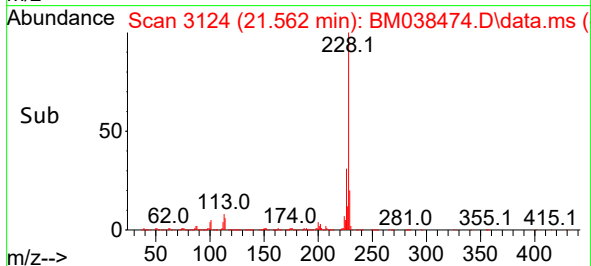
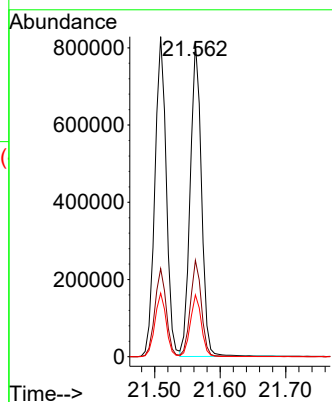
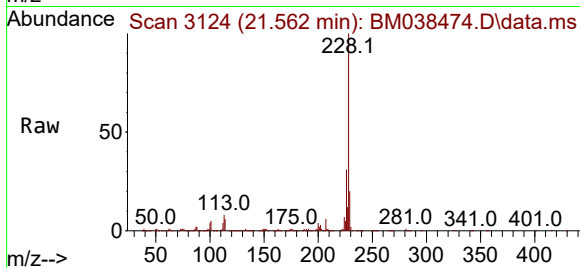
Tgt Ion:228 Resp: 964680

Ion Ratio Lower Upper

228 100

226 30.6 24.6 36.8

229 19.6 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.380 ng

RT: 21.421 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

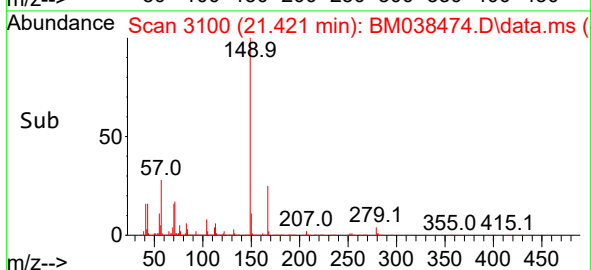
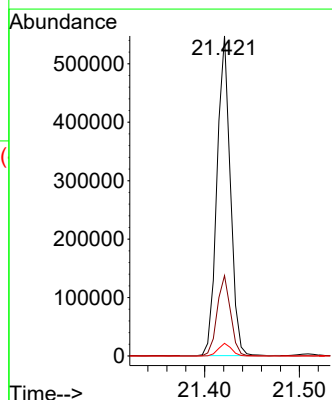
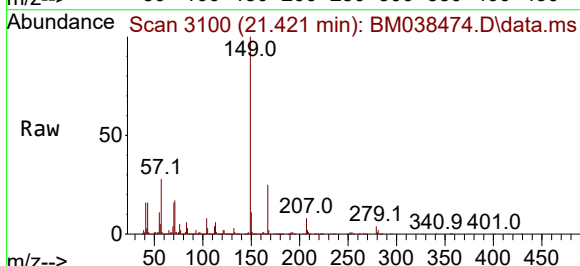
Tgt Ion:149 Resp: 534875

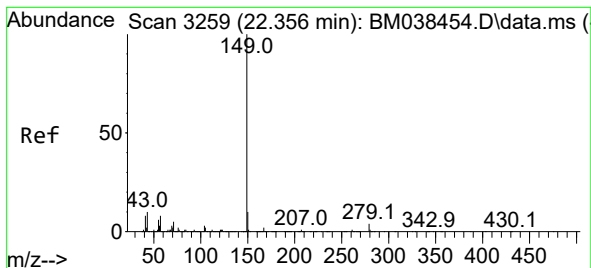
Ion Ratio Lower Upper

149 100

167 25.1 21.0 31.4

279 4.0 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 43.087 ng

RT: 22.350 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

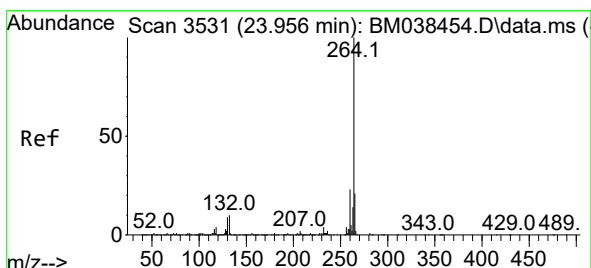
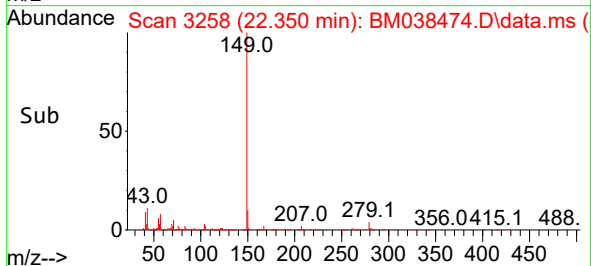
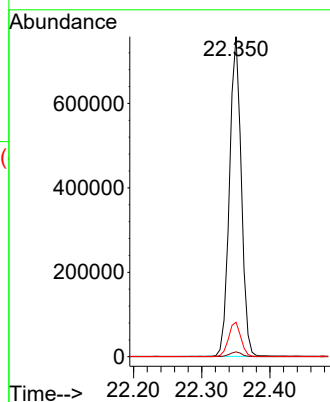
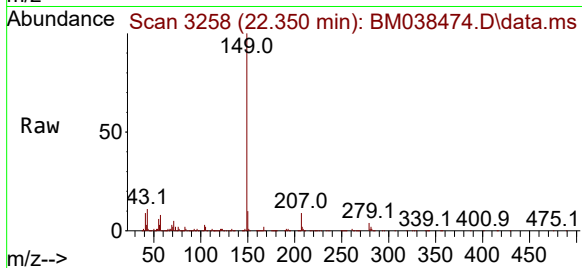
Tgt Ion:149 Resp: 913686

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.3 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.938 min Scan# 3528

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

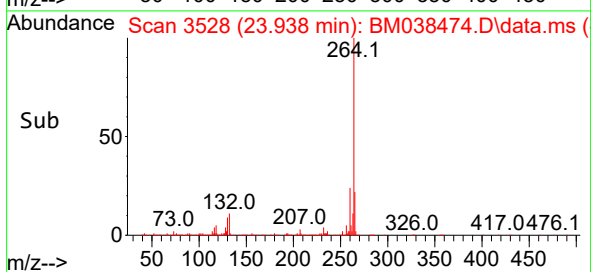
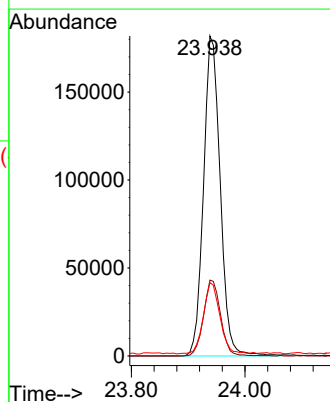
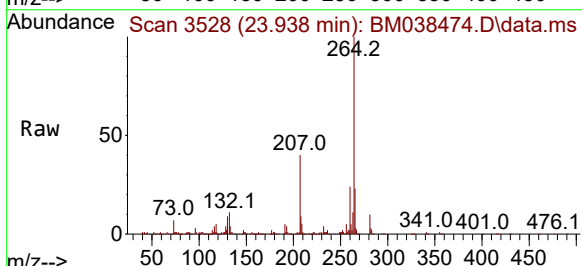
Tgt Ion:264 Resp: 370000

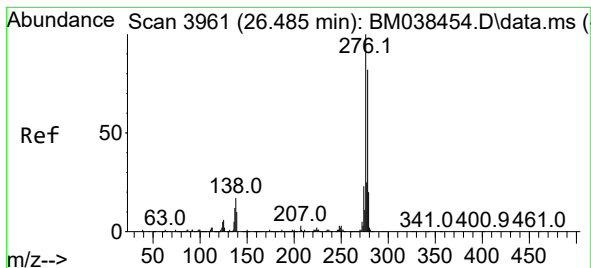
Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 22.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.387 ng

RT: 26.468 min Scan# 3958

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

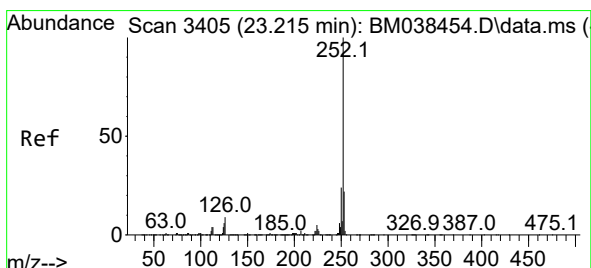
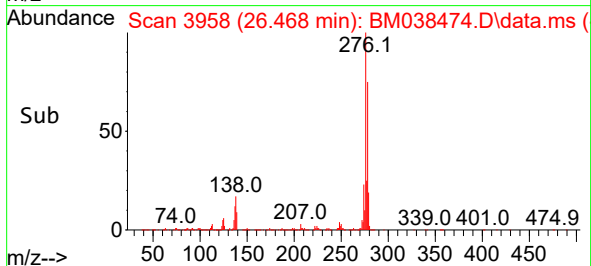
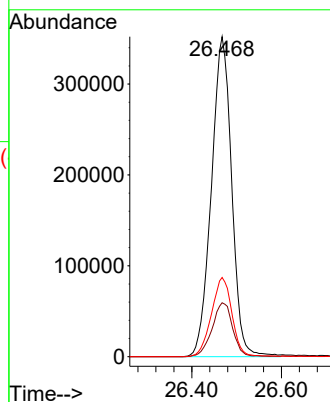
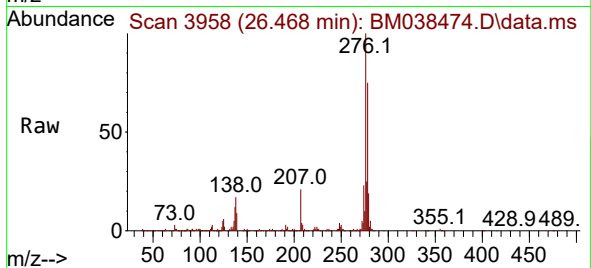
Tgt Ion:276 Resp: 1105896

Ion Ratio Lower Upper

276 100

138 17.2 13.4 20.2

277 25.0 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 40.669 ng

RT: 23.203 min Scan# 3403

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

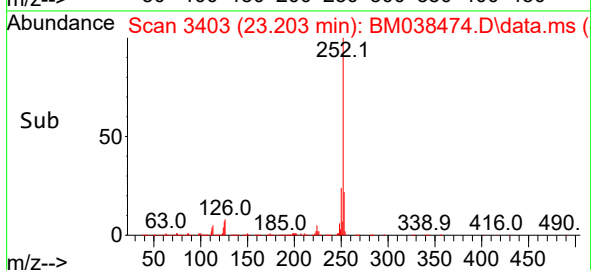
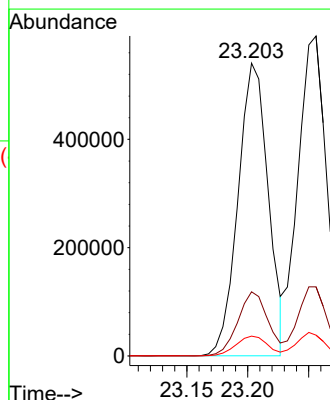
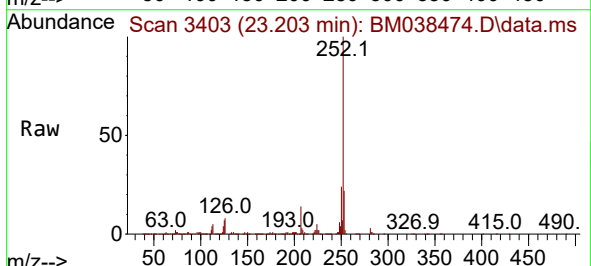
Tgt Ion:252 Resp: 933055

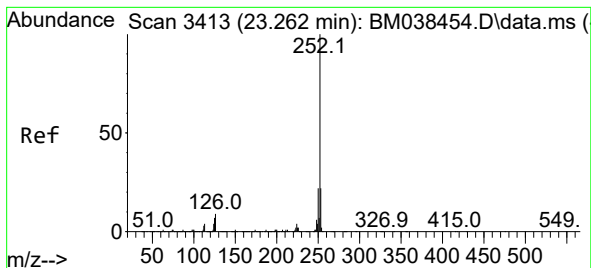
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 6.8 5.1 7.7





#89

Benzo(k)fluoranthene

Concen: 41.711 ng

RT: 23.256 min Scan# 3413

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

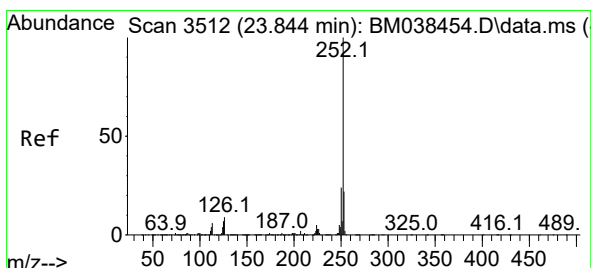
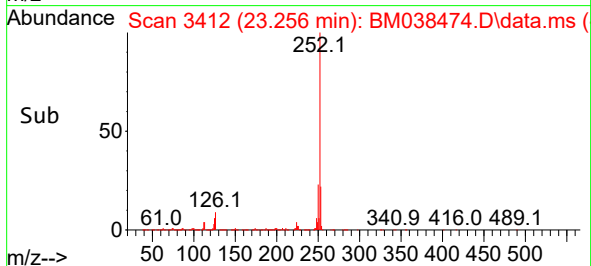
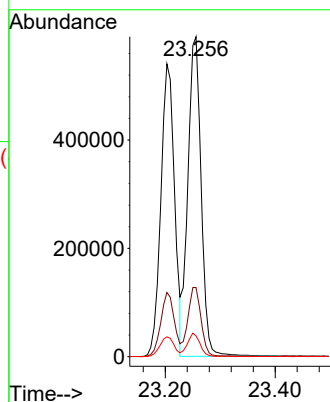
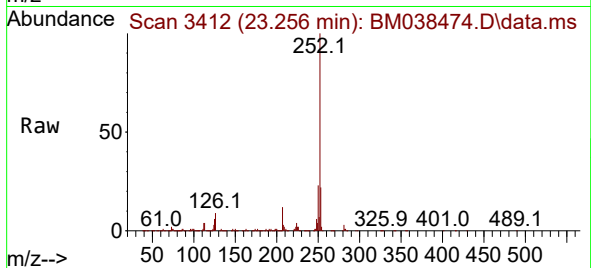
Tgt Ion:252 Resp: 989606

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 6.5 5.5 8.3



#90

Benzo(a)pyrene

Concen: 41.109 ng

RT: 23.838 min Scan# 3511

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

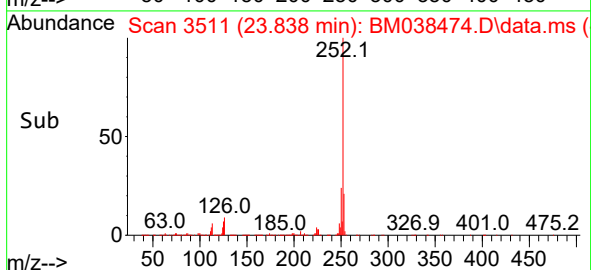
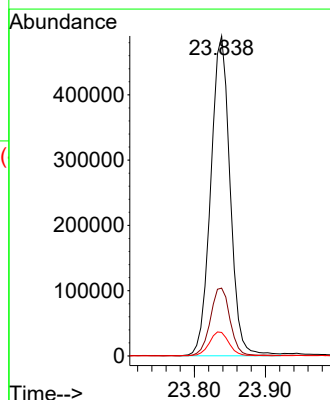
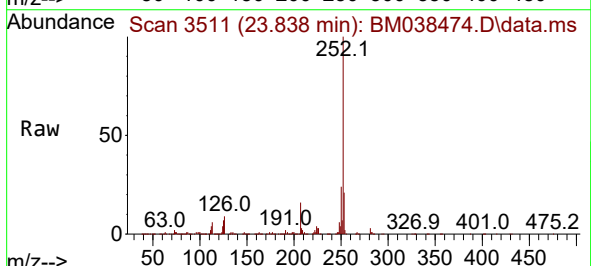
Tgt Ion:252 Resp: 925551

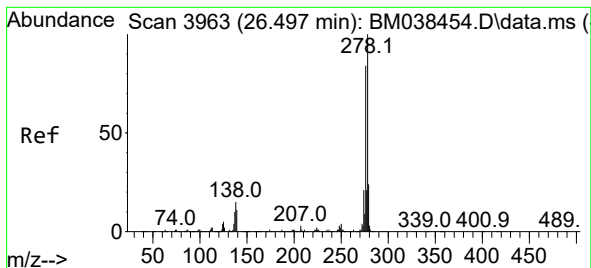
Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

125 7.4 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 40.385 ng

RT: 26.479 min Scan# 3963

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

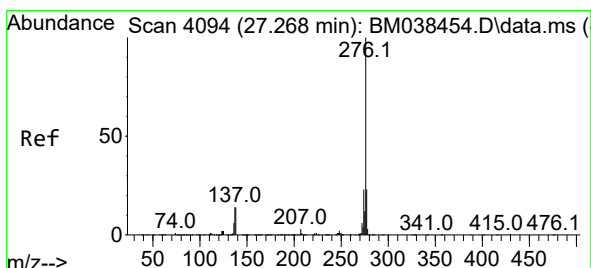
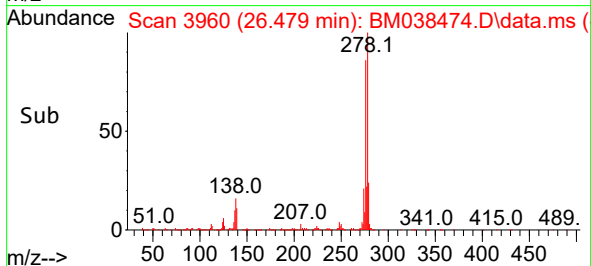
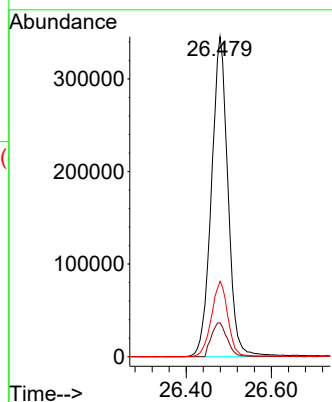
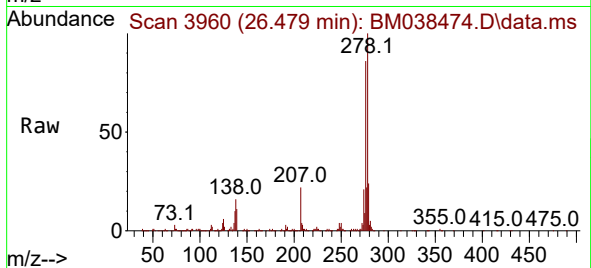
Tgt Ion:278 Resp: 927958

Ion Ratio Lower Upper

278 100

139 10.6 8.4 12.6

279 23.6 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 39.999 ng

RT: 27.250 min Scan# 4091

Delta R.T. 0.000 min

Lab File: BM038474.D

Acq: 18 Jan 2023 11:12

Tgt Ion:276 Resp: 911846

Ion Ratio Lower Upper

276 100

277 23.8 18.6 27.8

138 14.5 11.3 16.9

