

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
 Data File : BM038743.D
 Acq On : 15 Feb 2023 11:33
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 15 12:31:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 02:07:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	44981	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	157278	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	108746	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	222113	20.000	ng	# 0.00
76) Chrysene-d12	21.463	240	200123	20.000	ng	0.00
86) Perylene-d12	23.833	264	248605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	192941	84.025	ng	0.00
7) Phenol-d6	7.069	99	229448	87.612	ng	-0.01
23) Nitrobenzene-d5	9.069	82	219959	79.437	ng	-0.01
42) 2,4,6-Tribromophenol	16.028	330	128007	86.603	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	693022	81.133	ng	0.00
79) Terphenyl-d14	19.898	244	1043735	92.036	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	39232	38.755	ng	93
3) Pyridine	3.723	79	99658	41.401	ng	93
4) n-Nitrosodimethylamine	3.634	42	41246	37.956	ng	94
6) Aniline	7.222	93	137042	41.950	ng	95
8) 2-Chlorophenol	7.458	128	108062	43.128	ng	95
9) Benzaldehyde	7.034	77	44672	38.701	ng	98
10) Phenol	7.093	94	112997	42.709	ng	92
11) bis(2-Chloroethyl)ether	7.322	93	88139	41.136	ng	97
12) 1,3-Dichlorobenzene	7.781	146	133686	41.759	ng	98
13) 1,4-Dichlorobenzene	7.928	146	132859	41.122	ng	99
14) 1,2-Dichlorobenzene	8.246	146	129989	41.998	ng	98
15) Benzyl Alcohol	8.146	79	77165	40.032	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.422	45	74029	36.476	ng	97
17) 2-Methylphenol	8.352	107	86743	42.743	ng	97
18) Hexachloroethane	8.969	117	43916	42.089	ng	99
19) n-Nitroso-di-n-propyla...	8.710	70	67152	42.539	ng	95
20) 3+4-Methylphenols	8.681	107	117004	43.243	ng	96
22) Acetophenone	8.728	105	148951	39.712	ng	97
24) Nitrobenzene	9.110	77	106233	37.799	ng	# 88
25) Isophorone	9.634	82	191907	39.563	ng	99
26) 2-Nitrophenol	9.822	139	67024	42.857	ng	97
27) 2,4-Dimethylphenol	9.881	122	94016	41.666	ng	96
28) bis(2-Chloroethoxy)met...	10.116	93	116053	39.149	ng	99
29) 2,4-Dichlorophenol	10.357	162	124838	38.942	ng	98
30) 1,2,4-Trichlorobenzene	10.563	180	126342	37.050	ng	97
31) Naphthalene	10.751	128	335550	41.576	ng	99
32) Benzoic acid	10.034	122	76731	42.009	ng	93
33) 4-Chloroaniline	10.875	127	148895	42.096	ng	96
34) Hexachlorobutadiene	11.022	225	66833	39.125	ng	98
35) Caprolactam	11.675	113	28806	41.724	ng	86
36) 4-Chloro-3-methylphenol	12.004	107	96467	40.696	ng	98
37) 2-Methylnaphthalene	12.363	142	263993	40.477	ng	99
38) 1-Methylnaphthalene	12.581	142	249883	40.660	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	110728	39.124	ng	99
41) Hexachlorocyclopentadiene	12.698	237	67703	38.551	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	88301	39.714	ng	96

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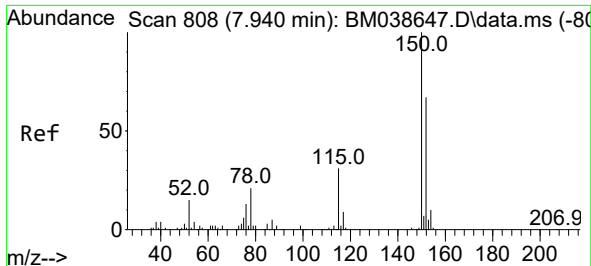
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	101197	38.677	ng	97
46) 1,1'-Biphenyl	13.375	154	356755	41.415	ng	97
47) 2-Chloronaphthalene	13.416	162	278330	41.061	ng	98
48) 2-Nitroaniline	13.634	65	59856	39.529	ng	95
49) Acenaphthylene	14.263	152	460879	43.168	ng	98
50) Dimethylphthalate	14.004	163	364747	41.102	ng	100
51) 2,6-Dinitrotoluene	14.128	165	76805	42.583	ng	96
52) Acenaphthene	14.598	154	270007	42.355	ng	99
53) 3-Nitroaniline	14.457	138	81028	43.096	ng	92
54) 2,4-Dinitrophenol	14.669	184	47630	40.571	ng	91
55) Dibenzofuran	14.934	168	447557	40.769	ng	98
56) 4-Nitrophenol	14.775	139	63581	43.953	ng	94
57) 2,4-Dinitrotoluene	14.916	165	109341	41.318	ng	99
58) Fluorene	15.581	166	364400	41.952	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	75414	41.413	ng	97
60) Diethylphthalate	15.357	149	373589	44.438	ng	97
61) 4-Chlorophenyl-phenyle...	15.575	204	154792	42.006	ng	98
62) 4-Nitroaniline	15.622	138	80022	41.553	ng	98
63) Azobenzene	15.869	77	278546	43.064	ng	97
65) 4,6-Dinitro-2-methylph...	15.675	198	61122	43.713	ng	99
66) n-Nitrosodiphenylamine	15.798	169	306838	42.309	ng	99
67) 4-Bromophenyl-phenylether	16.469	248	93227	43.470	ng	95
68) Hexachlorobenzene	16.581	284	109440	41.754	ng	95
69) Atrazine	16.745	200	91751	43.650	ng	100
70) Pentachlorophenol	16.933	266	79080	41.389	ng	98
71) Phenanthrene	17.322	178	560280	42.483	ng	99
72) Anthracene	17.416	178	570724	42.301	ng	99
73) Carbazole	17.692	167	540579	42.961	ng	99
74) Di-n-butylphthalate	18.239	149	686515	48.291	ng	100
75) Fluoranthene	19.339	202	600766	43.385	ng	99
77) Benzidine	19.527	184	207311	35.357	ng	100
78) Pyrene	19.698	202	637725	41.390	ng	100
80) Butylbenzylphthalate	20.592	149	321717	42.188	ng	99
81) Benzo(a)anthracene	21.445	228	607925	42.944	ng	99
82) 3,3'-Dichlorobenzidine	21.380	252	214351	44.013	ng	99
83) Chrysene	21.498	228	578413	42.408	ng	99
84) Bis(2-ethylhexyl)phtha...	21.357	149	487940	43.851	ng	100
85) Di-n-octyl phthalate	22.274	149	839599	46.294	ng	100
87) Indeno(1,2,3-cd)pyrene	26.309	276	833606	42.571	ng	99
88) Benzo(b)fluoranthene	23.110	252	641657	43.092	ng	99
89) Benzo(k)fluoranthene	23.157	252	665213	43.993	ng	99
90) Benzo(a)pyrene	23.733	252	628965	42.713	ng	99
91) Dibenzo(a,h)anthracene	26.315	278	703392	42.695	ng	98
92) Benzo(g,h,i)perylene	27.068	276	669796	40.220	ng	98

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

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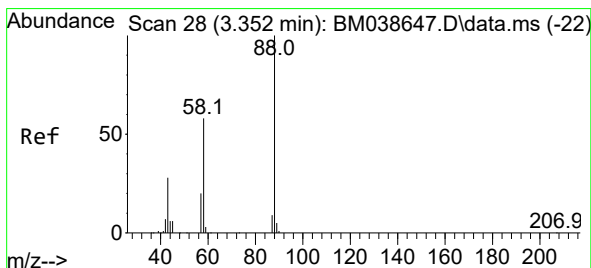
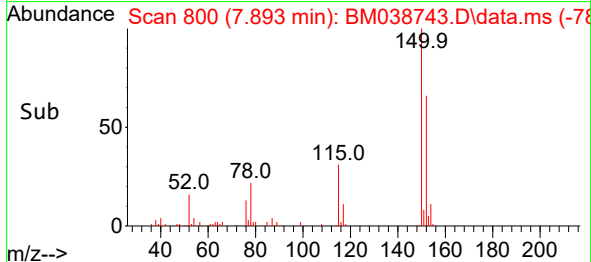
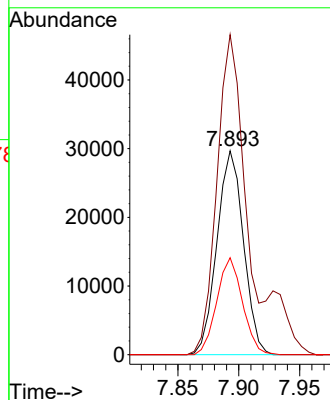
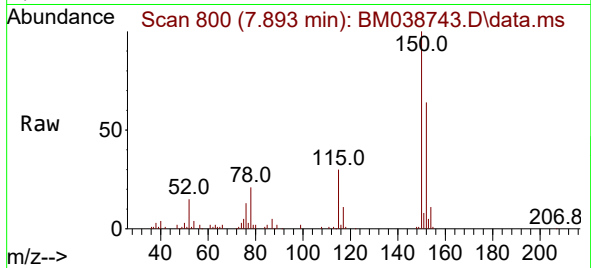




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.893 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BM038743.D
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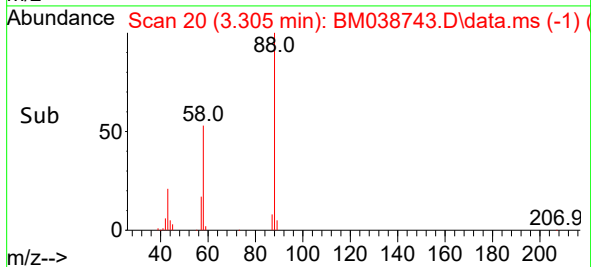
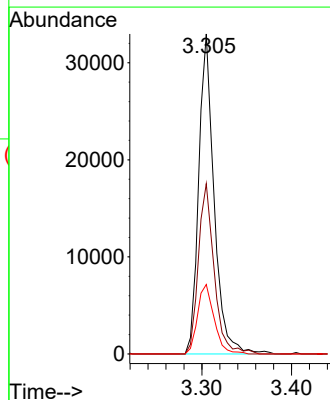
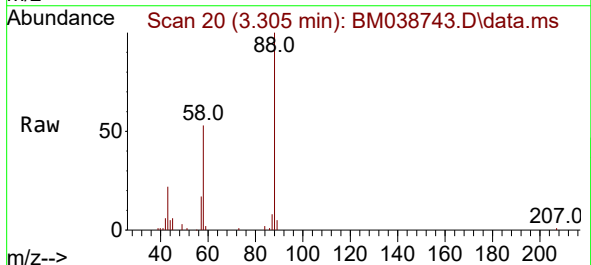
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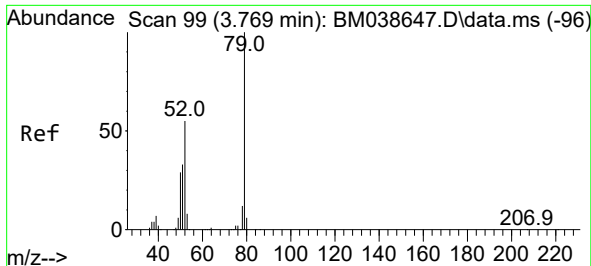
Tgt Ion:152 Resp: 44981
 Ion Ratio Lower Upper
 152 100
 150 157.0 119.5 179.3
 115 47.5 37.6 56.4



#2
 1,4-Dioxane
 Concen: 38.755 ng
 RT: 3.305 min Scan# 20
 Delta R.T. -0.005 min
 Lab File: BM038743.D
 Acq: 15 Feb 2023 11:33

Tgt Ion: 88 Resp: 39232
 Ion Ratio Lower Upper
 88 100
 58 54.6 47.0 70.4
 43 23.4 22.6 33.8

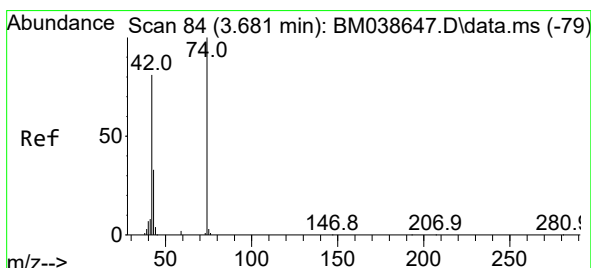
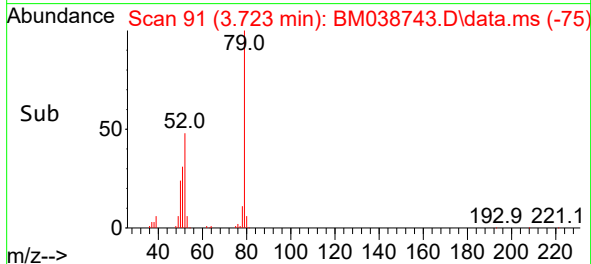
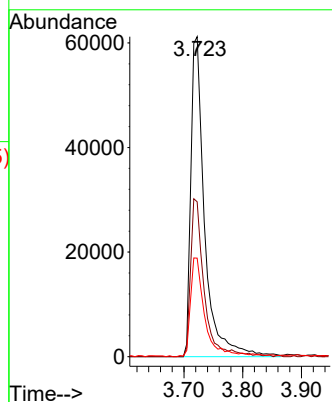
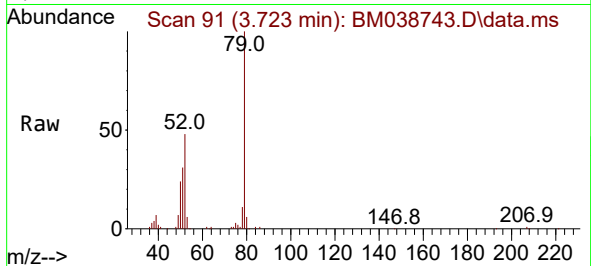




#3
 Pyridine
 Concen: 41.401 ng
 RT: 3.723 min Scan# 91
 Delta R.T. -0.005 min
 Lab File: BM038743.D
 Acq: 15 Feb 2023 11:33

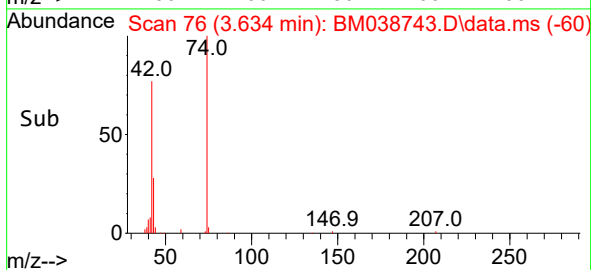
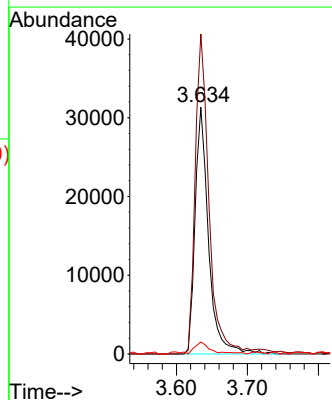
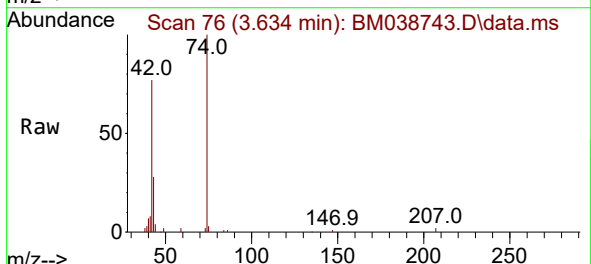
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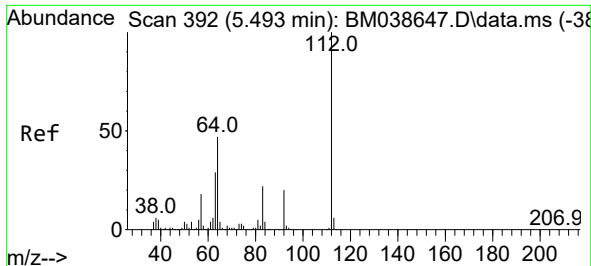
Tgt Ion: 79 Resp: 99658
 Ion Ratio Lower Upper
 79 100
 52 48.4 43.7 65.5
 51 30.8 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 37.956 ng
 RT: 3.634 min Scan# 76
 Delta R.T. -0.005 min
 Lab File: BM038743.D
 Acq: 15 Feb 2023 11:33

Tgt Ion: 42 Resp: 41246
 Ion Ratio Lower Upper
 42 100
 74 129.7 98.4 147.6
 44 4.8 3.5 5.3

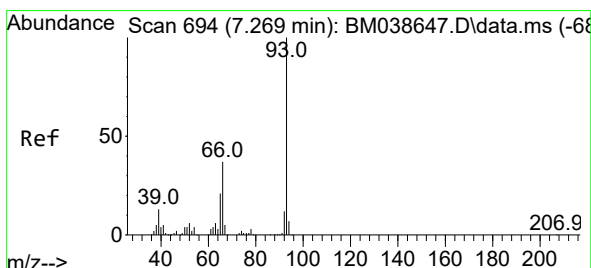
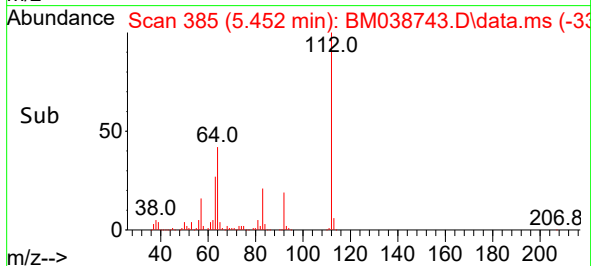
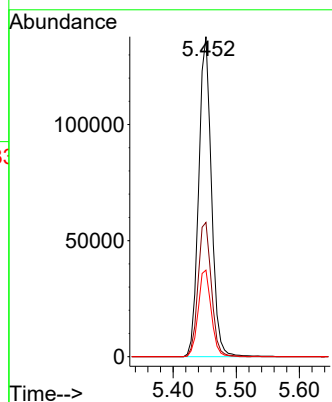
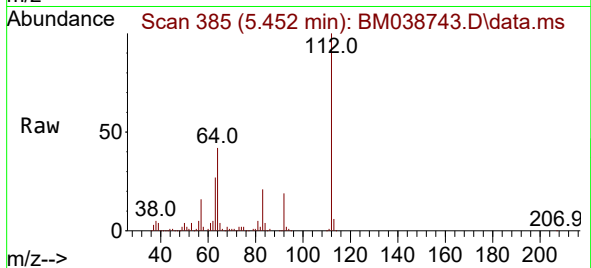




#5
2-Fluorophenol
Concen: 84.025 ng
RT: 5.452 min Scan# 385
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

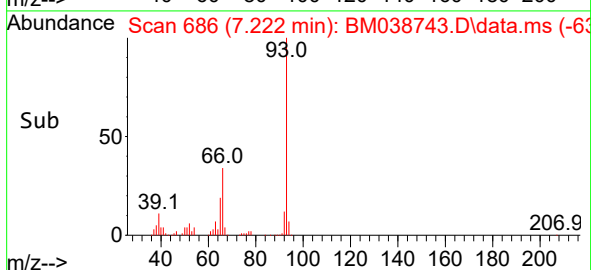
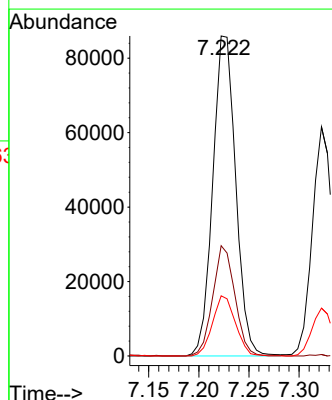
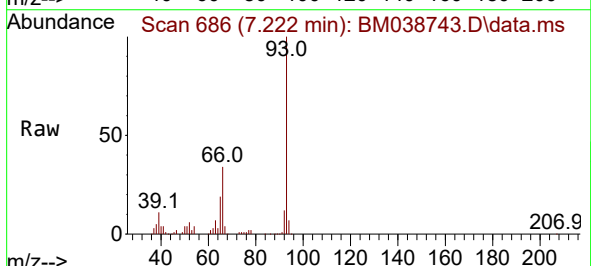
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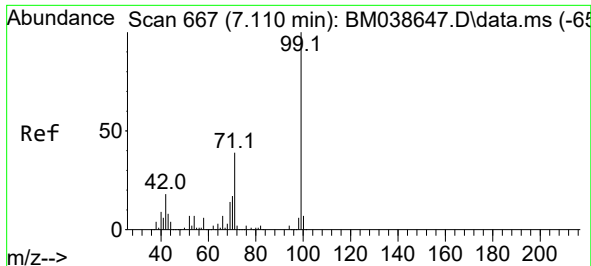
Tgt Ion:112 Resp: 192941
Ion Ratio Lower Upper
112 100
64 41.9 37.9 56.9
63 27.1 23.3 34.9



#6
Aniline
Concen: 41.950 ng
RT: 7.222 min Scan# 686
Delta R.T. -0.011 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion: 93 Resp: 137042
Ion Ratio Lower Upper
93 100
66 34.5 29.8 44.8
65 18.8 16.9 25.3

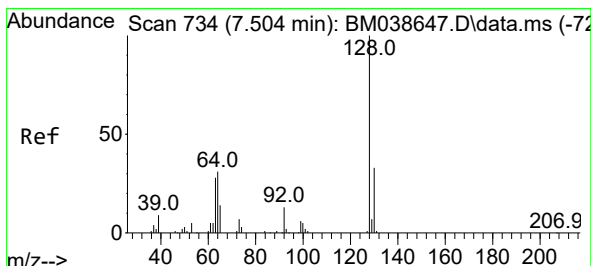
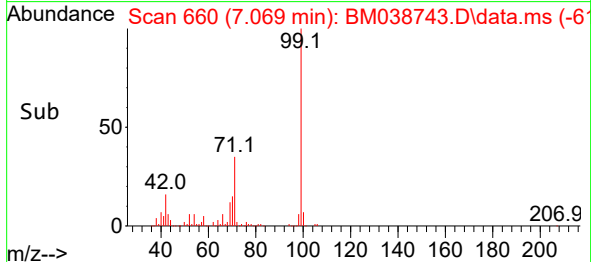
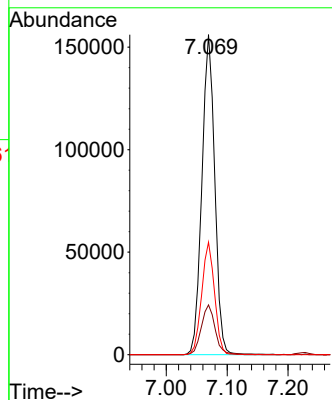
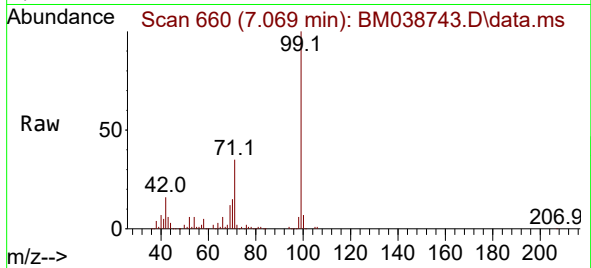




#7
Phenol-d6
Concen: 87.612 ng
RT: 7.069 min Scan# 60
Delta R.T. -0.011 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

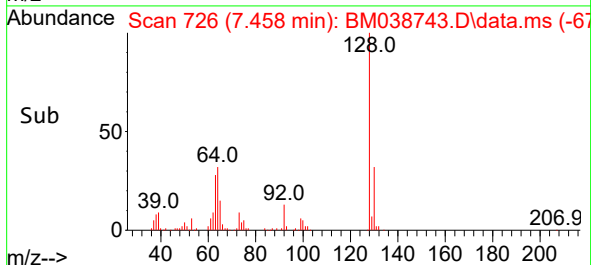
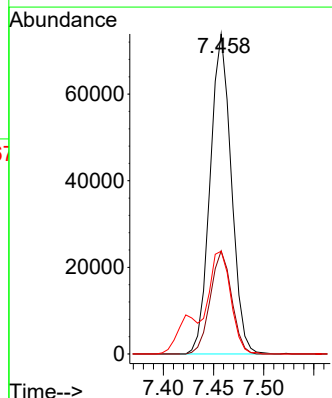
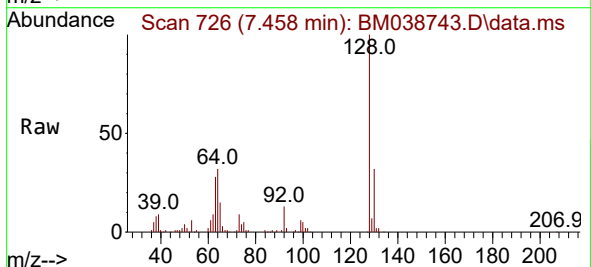
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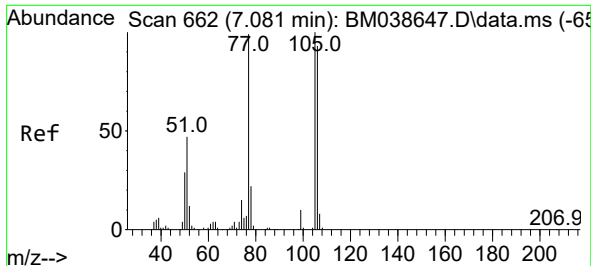
Tgt Ion: 99 Resp: 229448
Ion Ratio Lower Upper
99 100
42 15.5 14.6 22.0
71 35.1 31.0 46.4



#8
2-Chlorophenol
Concen: 43.128 ng
RT: 7.458 min Scan# 726
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion: 128 Resp: 108062
Ion Ratio Lower Upper
128 100
130 32.2 13.2 53.2
64 32.1 17.3 57.3

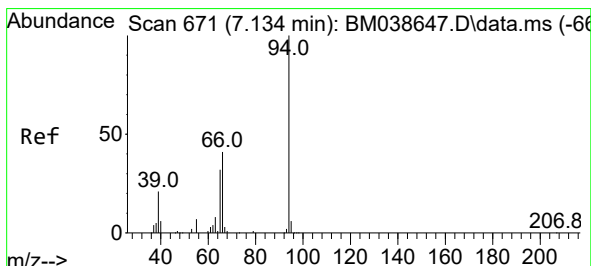
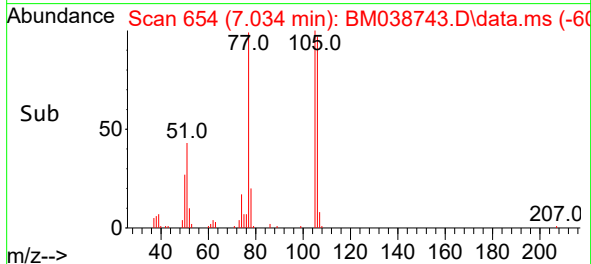
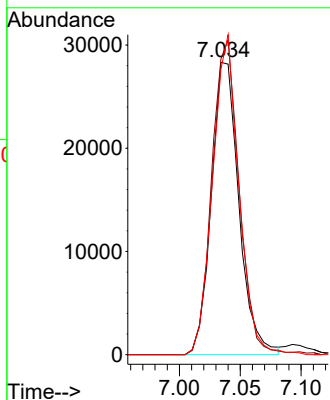
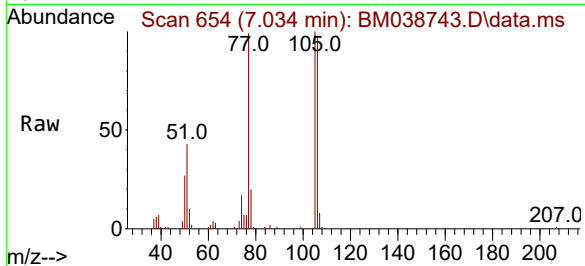




#9
Benzaldehyde
Concen: 38.701 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.011 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

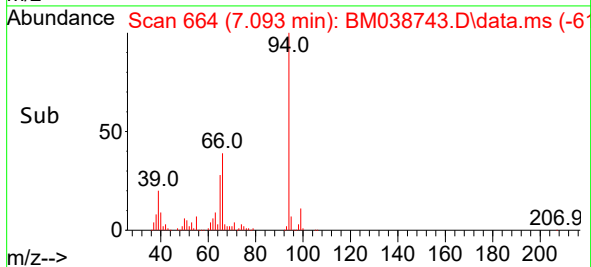
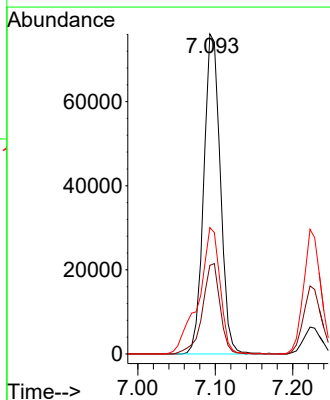
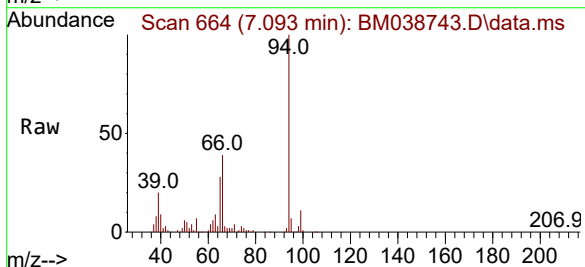
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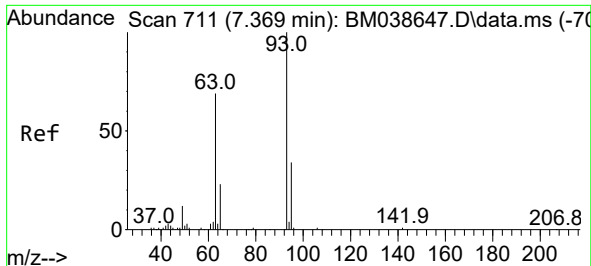
Tgt Ion: 77 Resp: 44672
Ion Ratio Lower Upper
77 100
105 101.1 80.8 120.8
106 97.7 73.8 113.8



#10
Phenol
Concen: 42.709 ng
RT: 7.093 min Scan# 664
Delta R.T. -0.011 min
Lab File: BM038743.D
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Tgt Ion: 94 Resp: 112997
Ion Ratio Lower Upper
94 100
65 27.7 12.3 52.3
66 39.5 24.2 64.2

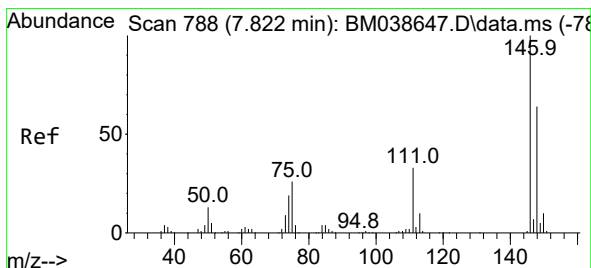
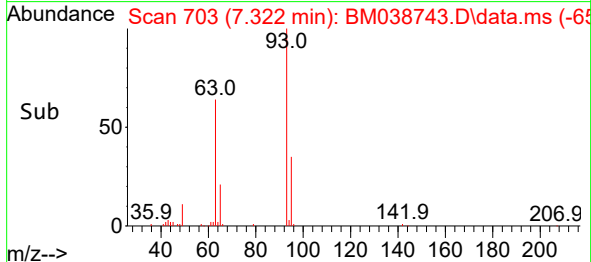
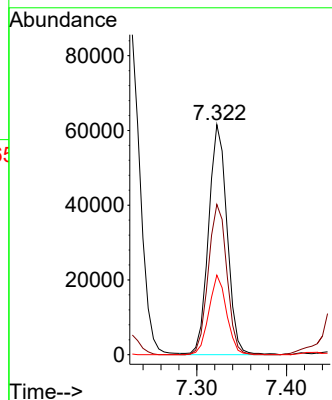
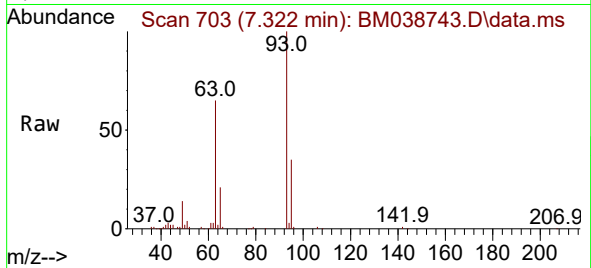




#11
bis(2-Chloroethyl)ether
Concen: 41.136 ng
RT: 7.322 min Scan# 703
Delta R.T. -0.011 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

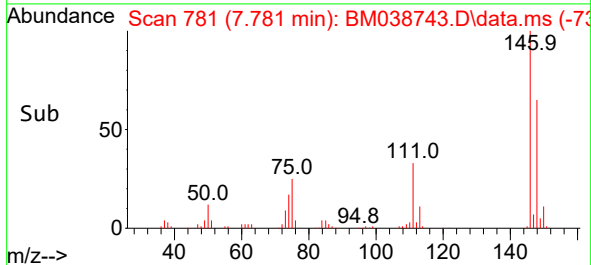
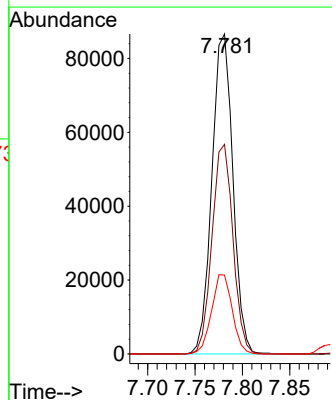
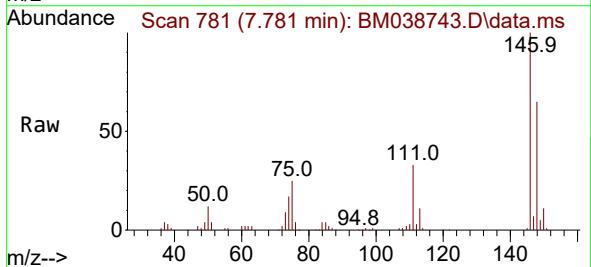
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

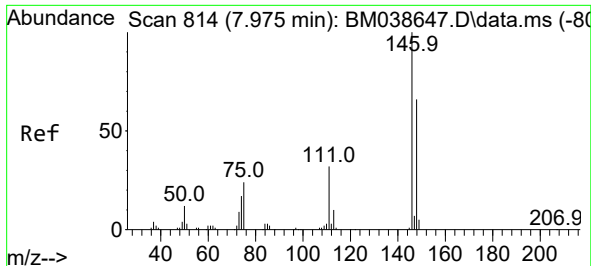
Tgt Ion: 93 Resp: 88139
Ion Ratio Lower Upper
93 100
63 65.3 48.5 88.5
95 34.6 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 41.759 ng
RT: 7.781 min Scan# 781
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:146 Resp: 133686
Ion Ratio Lower Upper
146 100
148 65.5 51.5 77.3
75 24.7 21.1 31.7

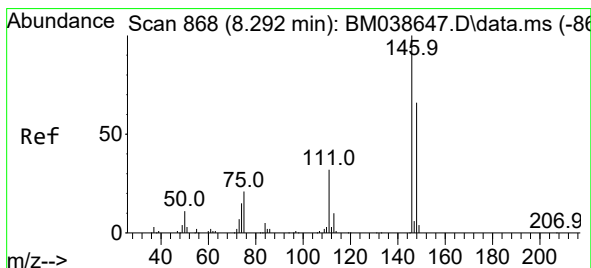
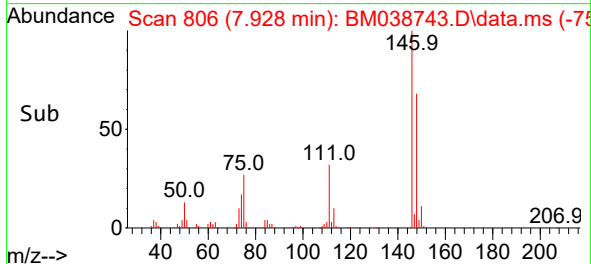
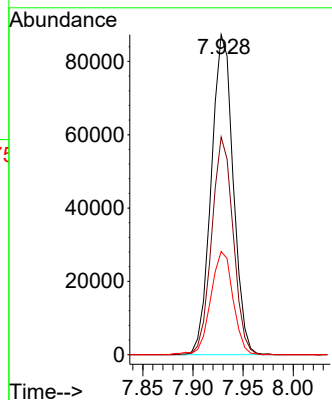
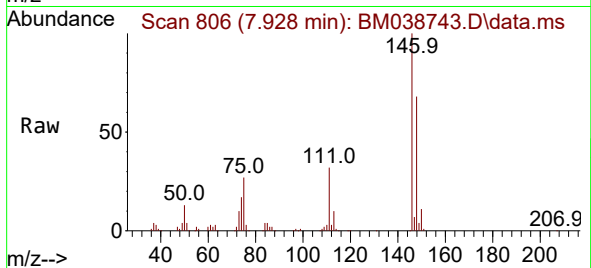




#13
1,4-Dichlorobenzene
Concen: 41.122 ng
RT: 7.928 min Scan# 80
Delta R.T. -0.011 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

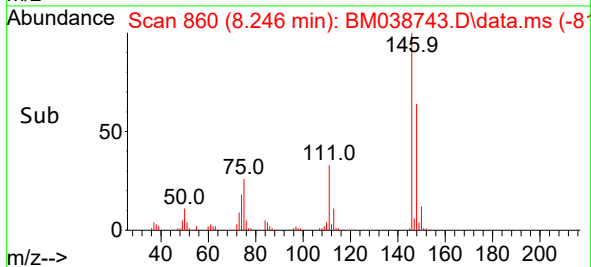
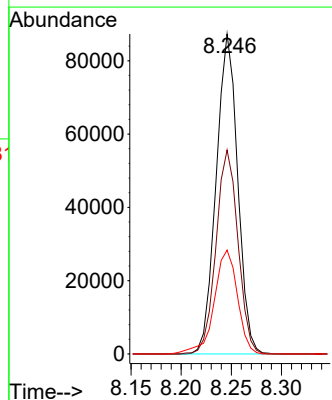
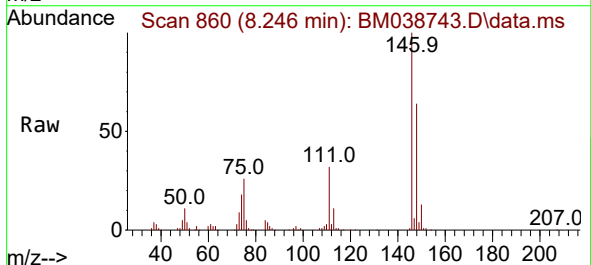
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

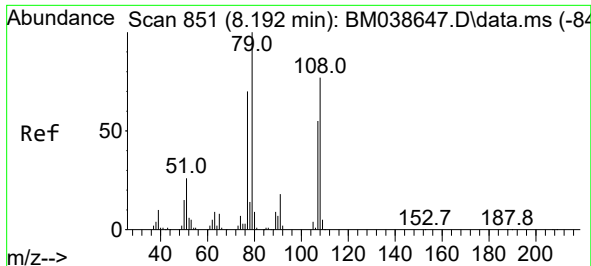
Tgt Ion:146 Resp: 132859
Ion Ratio Lower Upper
146 100
148 68.1 53.1 79.7
111 32.3 25.9 38.9



#14
1,2-Dichlorobenzene
Concen: 41.998 ng
RT: 8.246 min Scan# 860
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:146 Resp: 129989
Ion Ratio Lower Upper
146 100
148 63.8 52.9 79.3
111 32.5 26.2 39.2

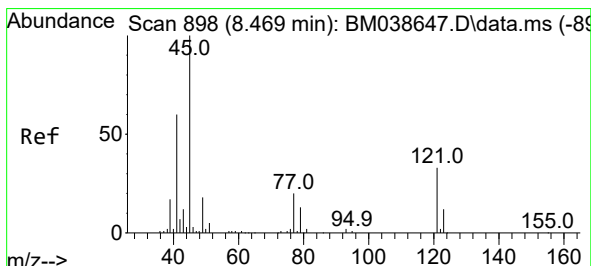
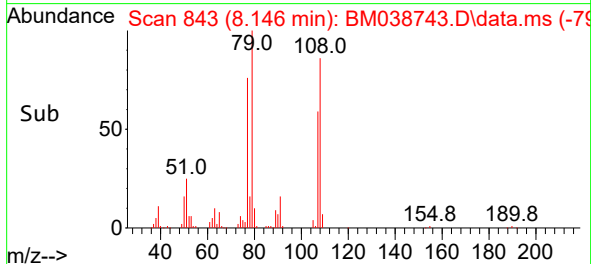
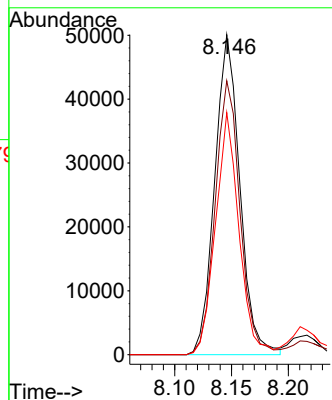
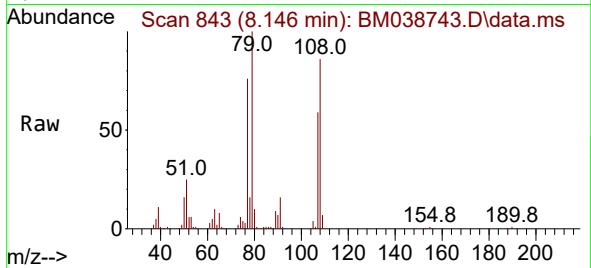




#15
Benzyl Alcohol
Concen: 40.032 ng
RT: 8.146 min Scan# 84
Delta R.T. -0.011 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

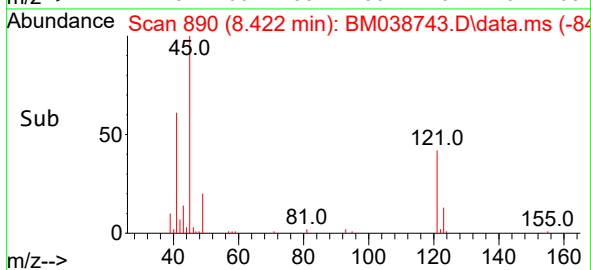
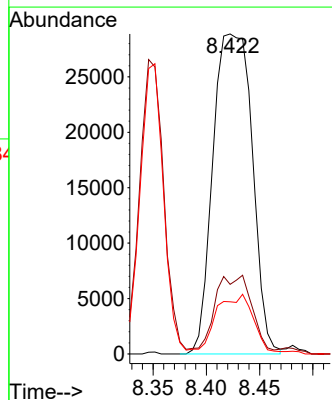
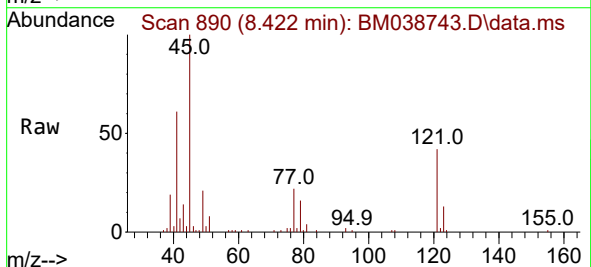
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

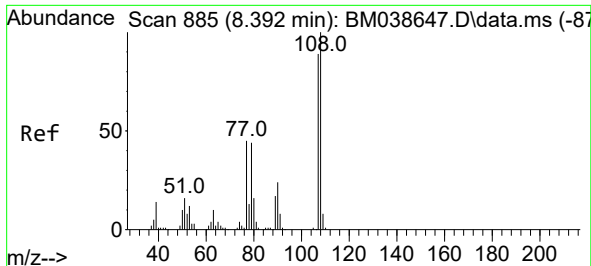
Tgt Ion: 79 Resp: 77165
Ion Ratio Lower Upper
79 100
108 85.6 61.9 92.9
77 75.6 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.476 ng
RT: 8.422 min Scan# 890
Delta R.T. -0.011 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion: 45 Resp: 74029
Ion Ratio Lower Upper
45 100
77 21.8 1.1 41.1
79 16.3 0.0 34.6

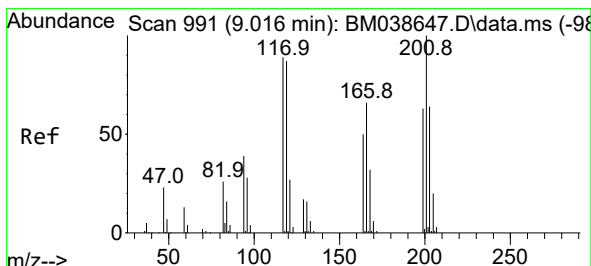
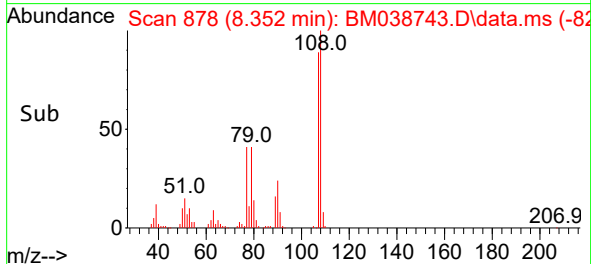
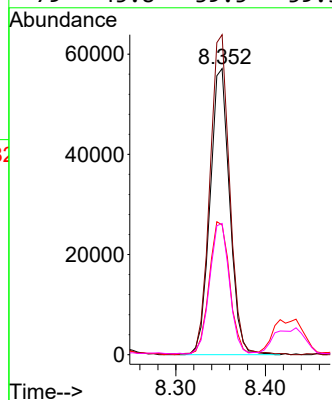
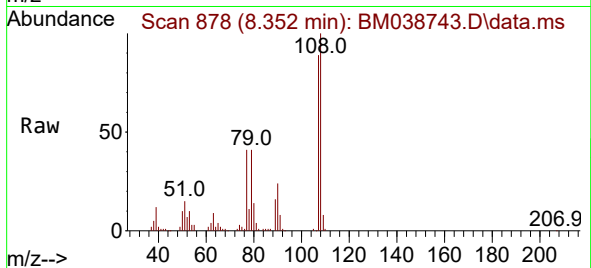




#17
2-Methylphenol
Concen: 42.743 ng
RT: 8.352 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

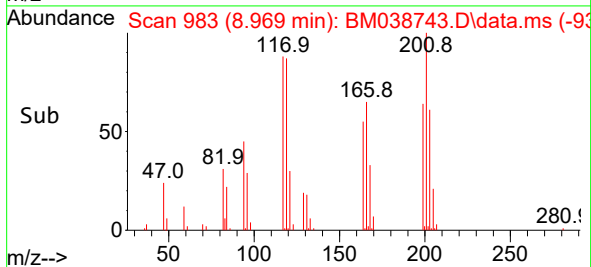
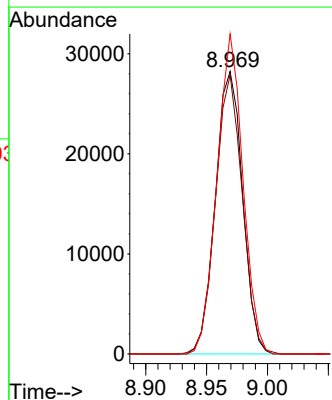
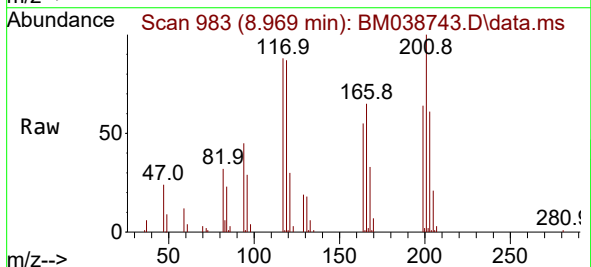
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

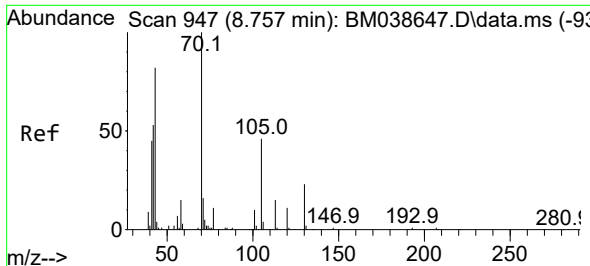
Tgt Ion:	107	Resp:	86743
Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.6	134.4
77	45.3	40.7	61.1
79	45.8	39.5	59.3



#18
Hexachloroethane
Concen: 42.089 ng
RT: 8.969 min Scan# 983
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:	117	Resp:	43916
Ion	Ratio	Lower	Upper
117	100		
119	98.8	78.6	117.8
201	113.3	90.2	135.2



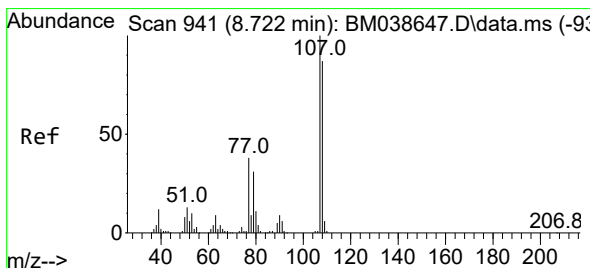
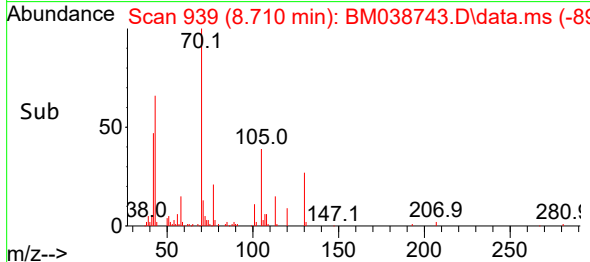
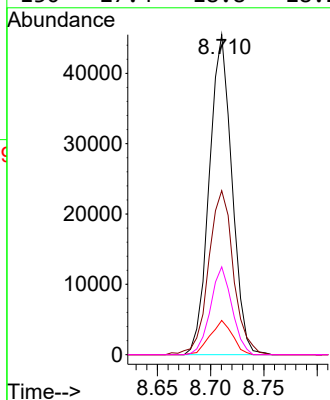
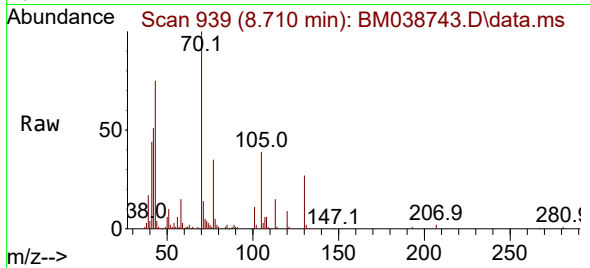


#19
n-Nitroso-di-n-propylamine
Concen: 42.539 ng
RT: 8.710 min Scan# 91
Delta R.T. -0.011 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 67152

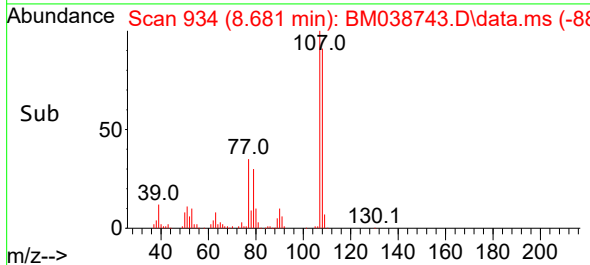
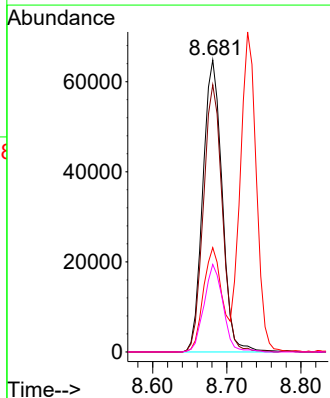
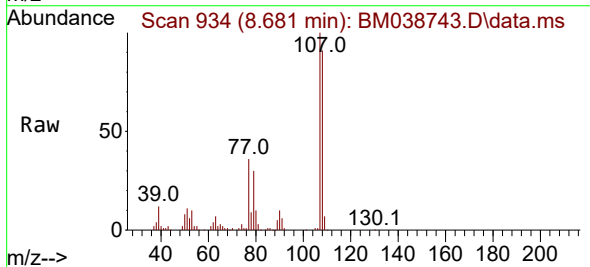
Ion	Ratio	Lower	Upper
70	100		
42	51.3	43.4	65.2
101	10.7	8.2	12.2
130	27.4	18.8	28.2

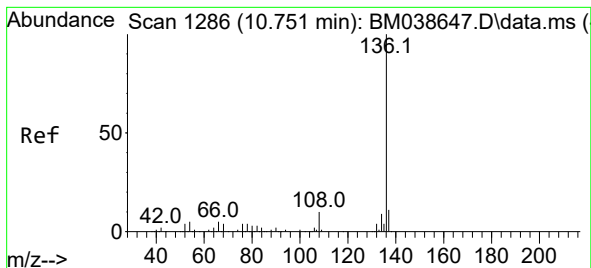


#20
3+4-Methylphenols
Concen: 43.243 ng
RT: 8.681 min Scan# 934
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion: 107 Resp: 117004

Ion	Ratio	Lower	Upper
107	100		
108	91.5	67.2	107.2
77	35.8	17.5	57.5
79	30.0	10.8	50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.704 min Scan# 11

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 157278

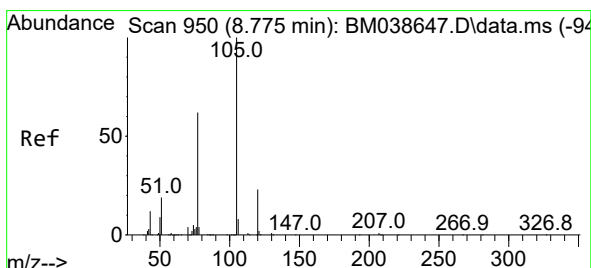
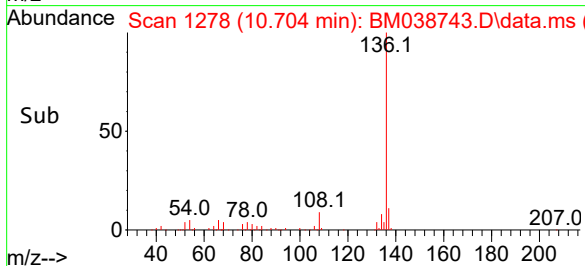
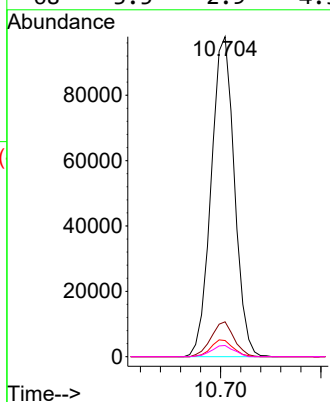
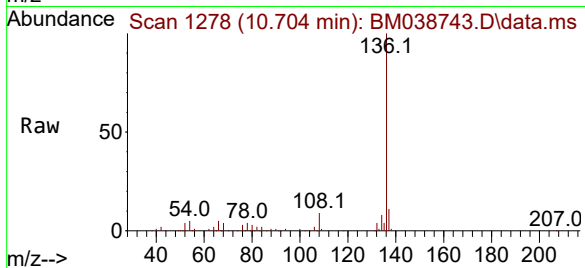
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.1 4.2 6.4

68 3.5 2.9 4.3



#22

Acetophenone

Concen: 39.712 ng

RT: 8.728 min Scan# 942

Delta R.T. -0.011 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Tgt Ion:105 Resp: 148951

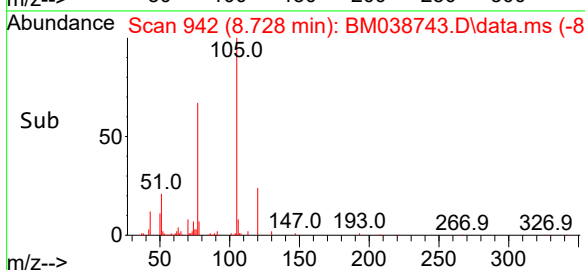
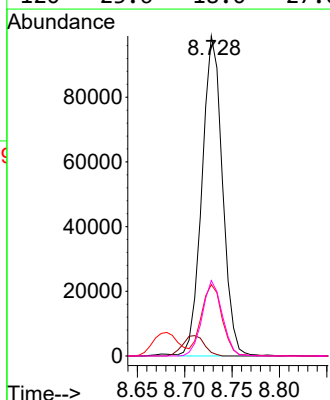
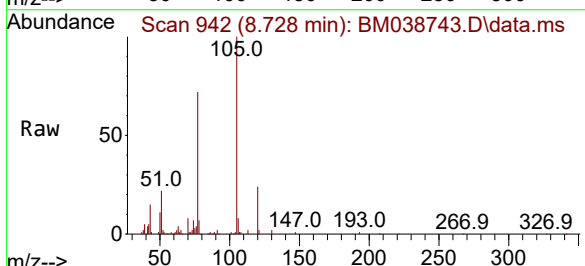
Ion Ratio Lower Upper

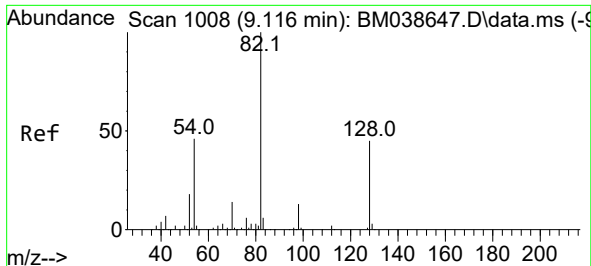
105 100

71 1.1 0.9 1.3

51 22.3 19.3 28.9

120 23.6 18.0 27.0





#23

Nitrobenzene-d5

Concen: 79.437 ng

RT: 9.069 min Scan# 1000

Delta R.T. -0.011 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

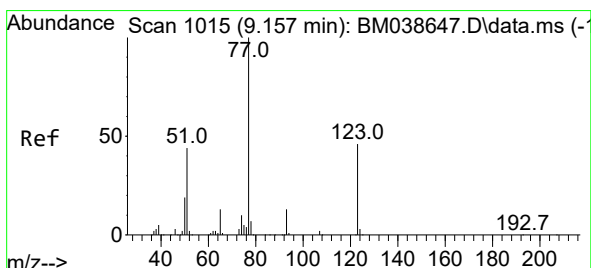
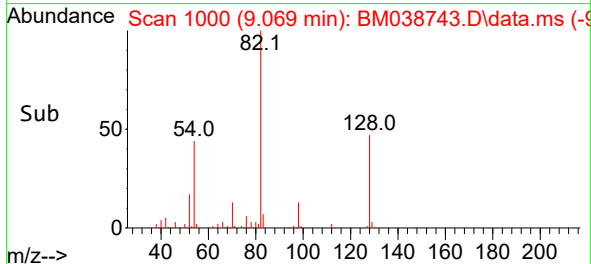
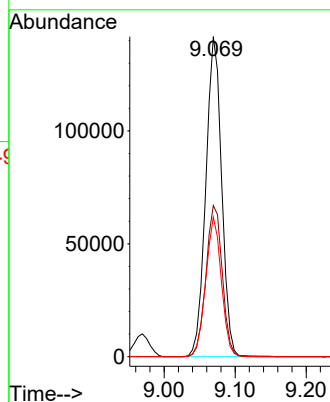
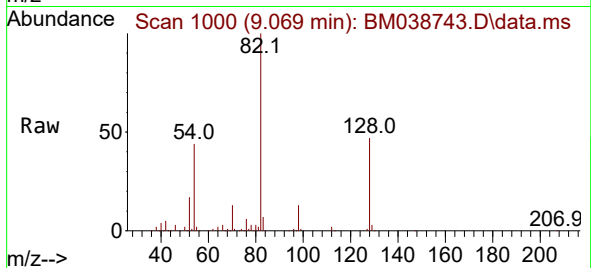
Tgt Ion: 82 Resp: 219959

Ion Ratio Lower Upper

82 100

128 47.2 36.0 54.0

54 43.6 36.8 55.2



#24

Nitrobenzene

Concen: 37.799 ng

RT: 9.110 min Scan# 1007

Delta R.T. -0.011 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

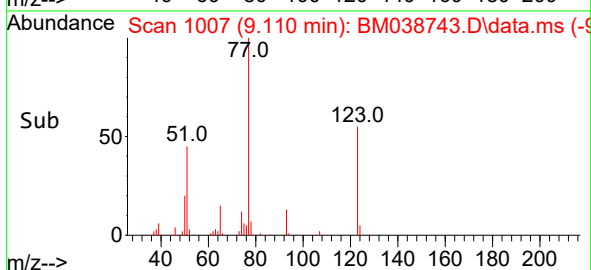
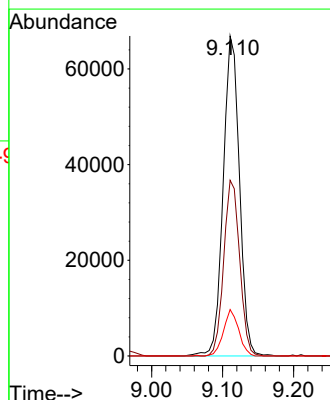
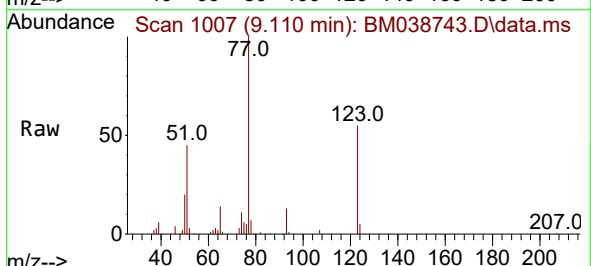
Tgt Ion: 77 Resp: 106233

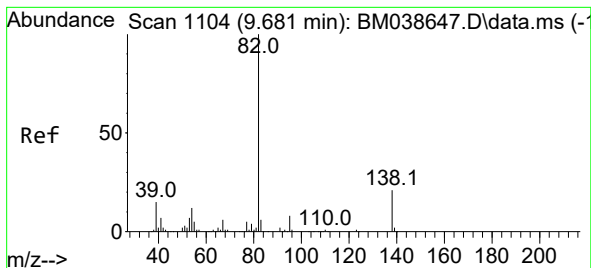
Ion Ratio Lower Upper

77 100

123 54.9 36.5 54.7#

65 14.5 10.7 16.1





#25

Isophorone

Concen: 39.563 ng

RT: 9.634 min Scan# 1104

Delta R.T. -0.011 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

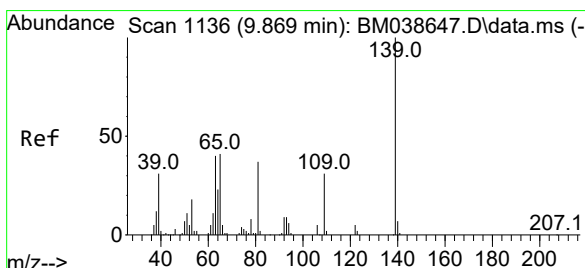
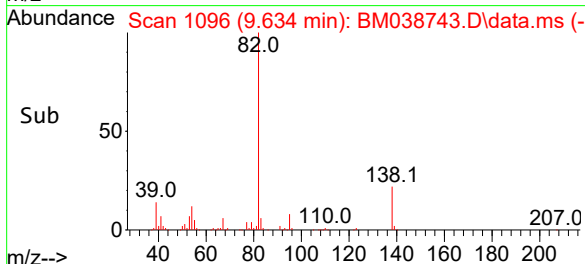
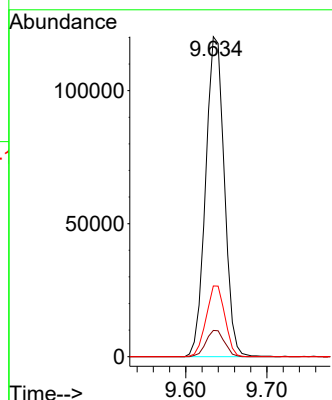
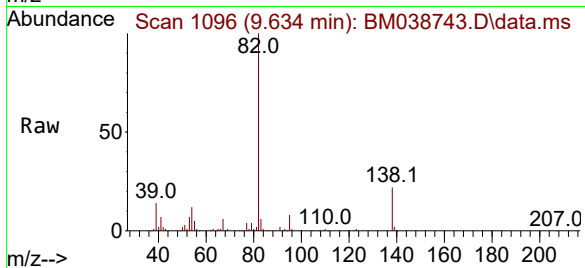
Tgt Ion: 82 Resp: 191907

Ion Ratio Lower Upper

82 100

95 8.2 6.4 9.6

138 22.1 17.0 25.6



#26

2-Nitrophenol

Concen: 42.857 ng

RT: 9.822 min Scan# 1128

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

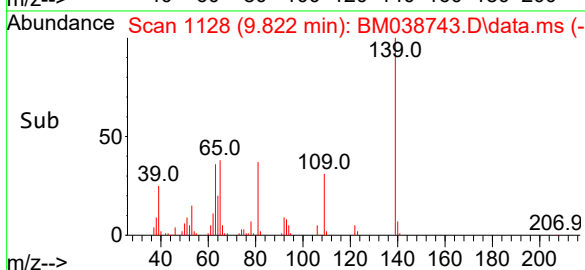
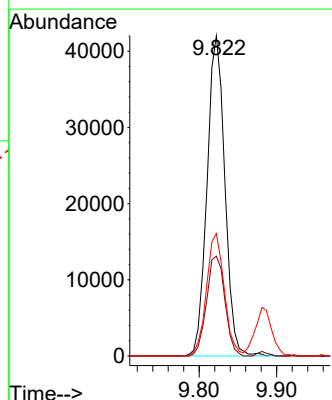
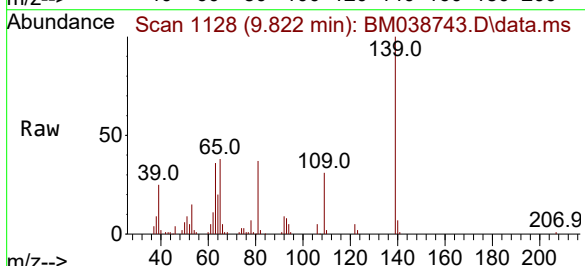
Tgt Ion: 139 Resp: 67024

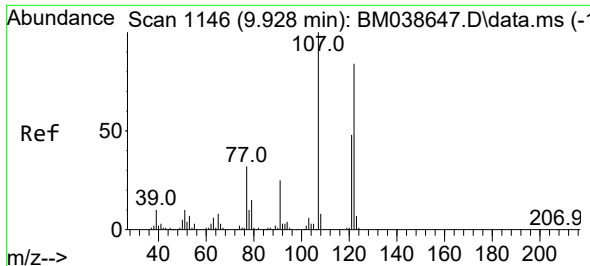
Ion Ratio Lower Upper

139 100

109 31.2 24.5 36.7

65 38.2 32.6 49.0

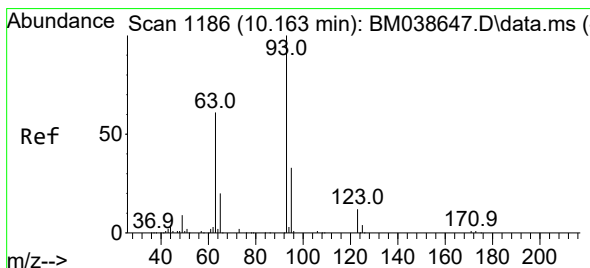
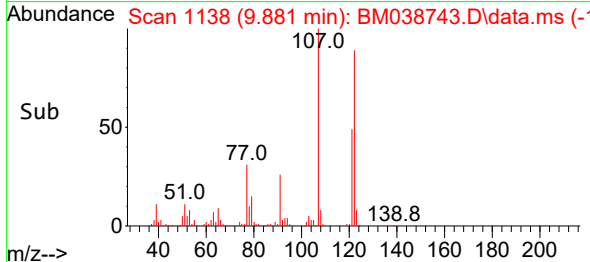
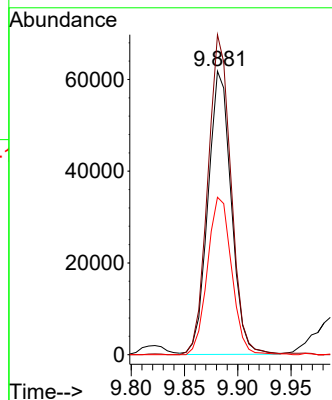
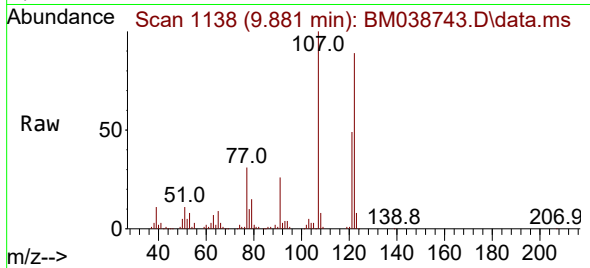




#27
2,4-Dimethylphenol
Concen: 41.666 ng
RT: 9.881 min Scan# 1138
Delta R.T. -0.011 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

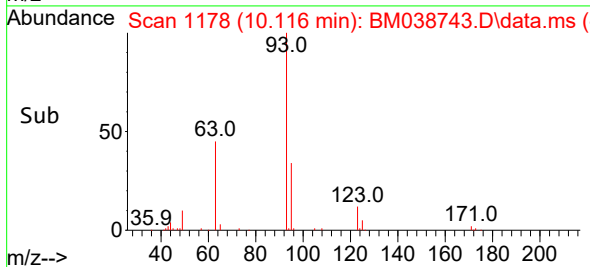
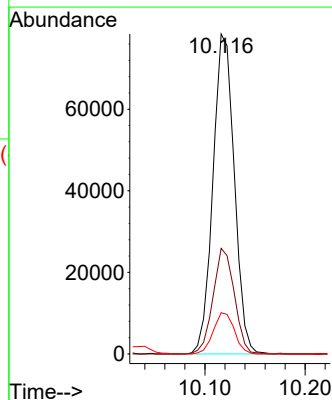
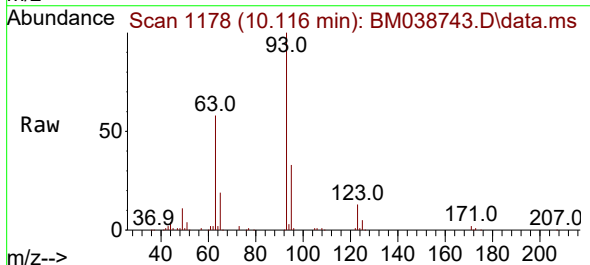
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

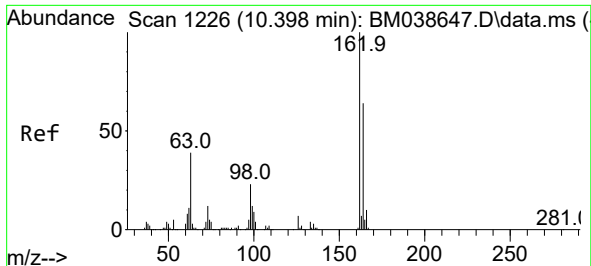
Tgt Ion:122 Resp: 94016
Ion Ratio Lower Upper
122 100
107 112.8 94.9 142.3
121 55.5 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.149 ng
RT: 10.116 min Scan# 1178
Delta R.T. -0.011 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion: 93 Resp: 116053
Ion Ratio Lower Upper
93 100
95 33.0 26.6 40.0
123 12.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 38.942 ng

RT: 10.357 min Scan# 11

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

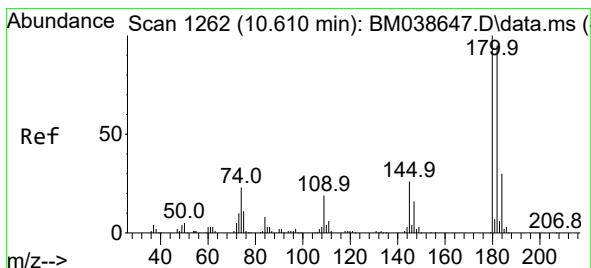
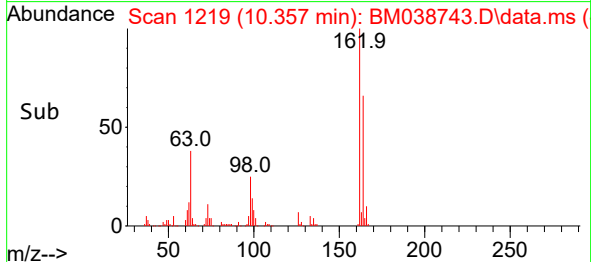
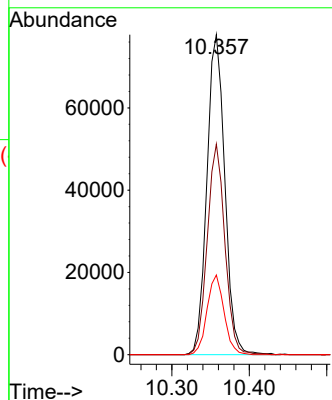
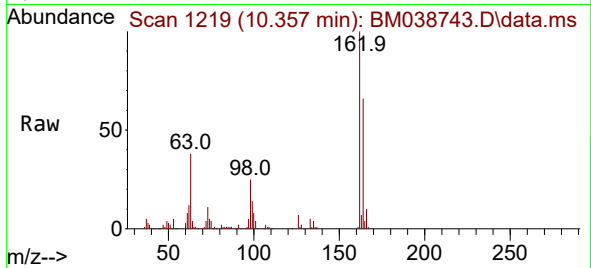
Tgt Ion:162 Resp: 124838

Ion Ratio Lower Upper

162 100

164 65.8 44.3 84.3

98 24.9 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 37.050 ng

RT: 10.563 min Scan# 1254

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

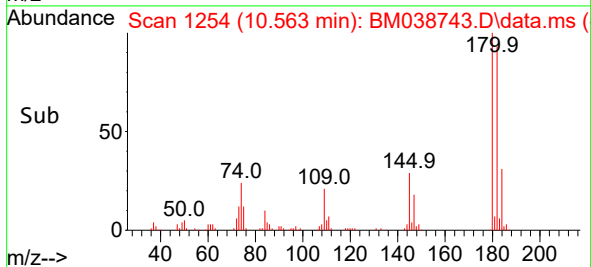
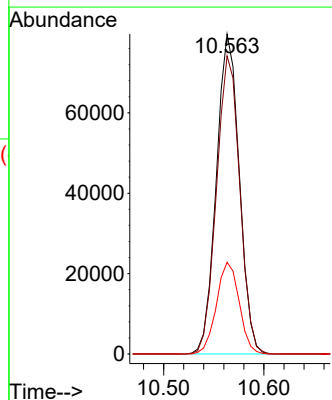
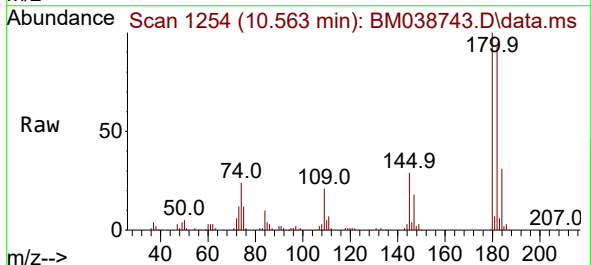
Tgt Ion:180 Resp: 126342

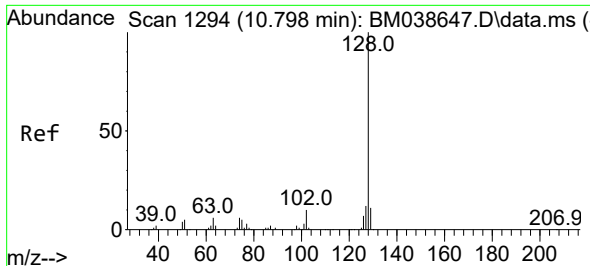
Ion Ratio Lower Upper

180 100

182 93.2 76.2 114.2

145 28.6 20.8 31.2

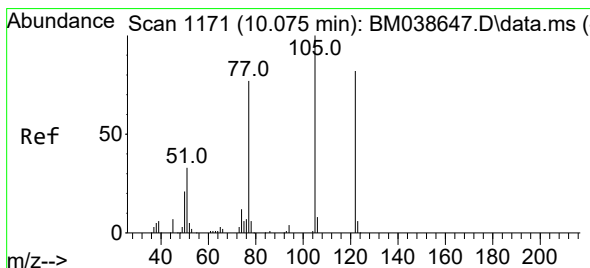
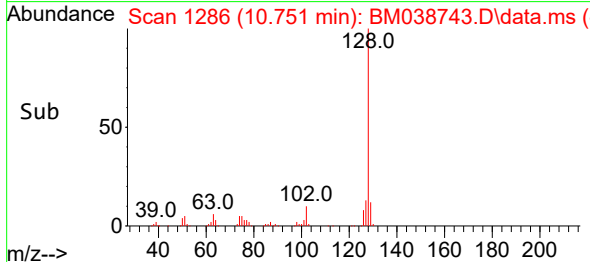
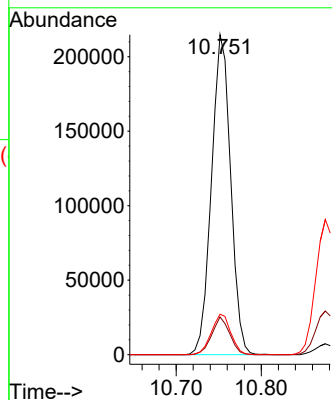
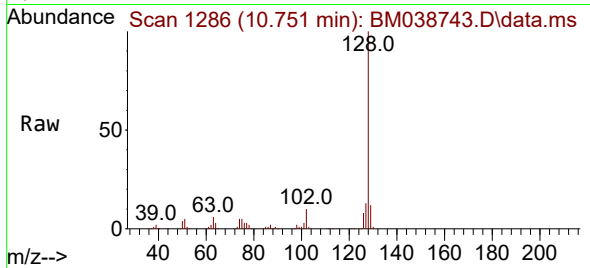




#31
Naphthalene
Concen: 41.576 ng
RT: 10.751 min Scan# 1164
Delta R.T. -0.011 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

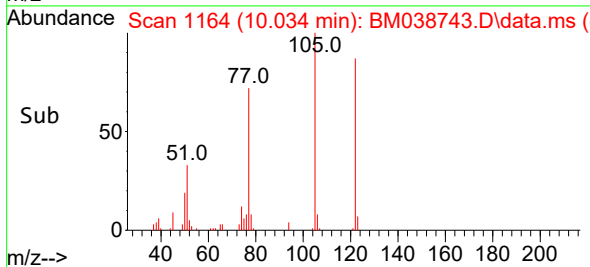
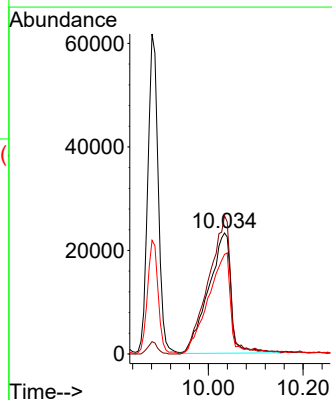
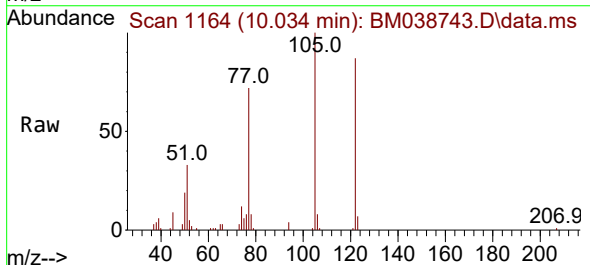
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

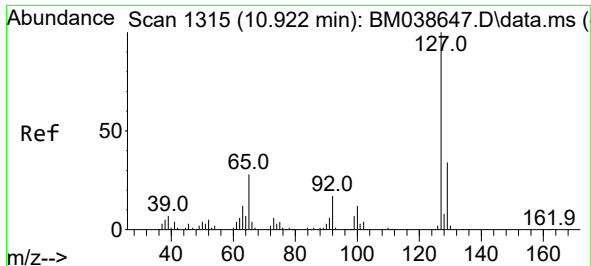
Tgt Ion:128 Resp: 335550
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 12.6 9.9 14.9



#32
Benzoic acid
Concen: 42.009 ng
RT: 10.034 min Scan# 1164
Delta R.T. -0.017 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:122 Resp: 76731
Ion Ratio Lower Upper
122 100
105 114.3 99.2 139.2
77 82.2 72.3 112.3

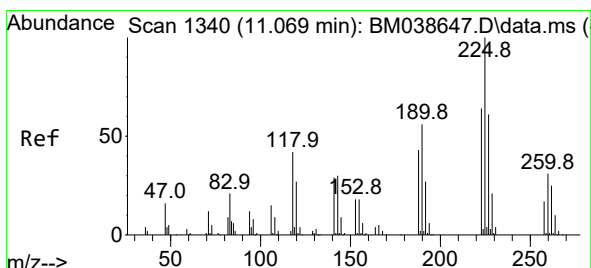
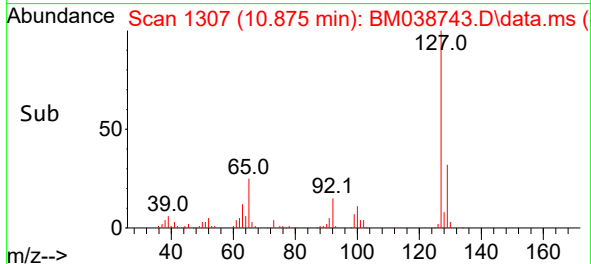
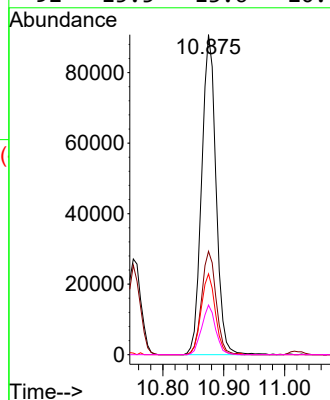
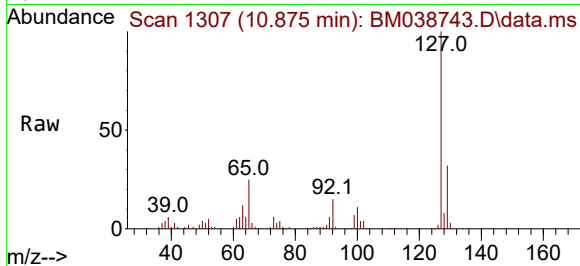




#33
4-Chloroaniline
Concen: 42.096 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

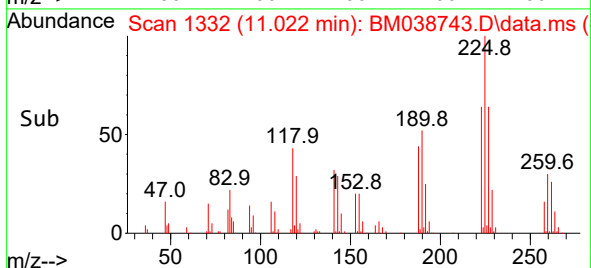
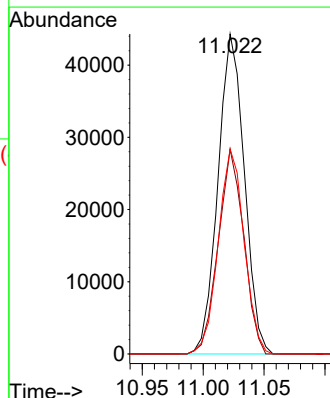
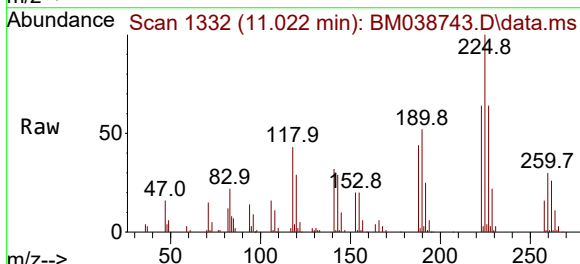
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

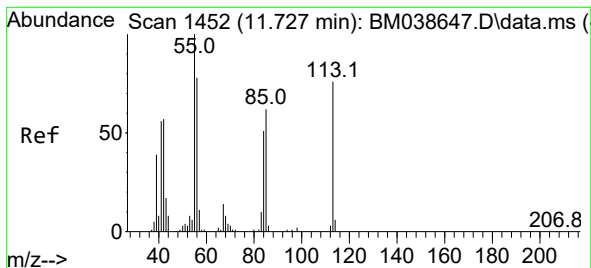
Tgt Ion:	127	Resp:	148895
Ion Ratio	Lower	Upper	
127	100		
129	32.3	27.1	40.7
65	25.2	22.2	33.4
92	15.5	13.6	20.4



#34
Hexachlorobutadiene
Concen: 39.125 ng
RT: 11.022 min Scan# 1332
Delta R.T. -0.011 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:	225	Resp:	66833
Ion Ratio	Lower	Upper	
225	100		
223	64.0	51.0	76.4
227	64.1	49.2	73.8

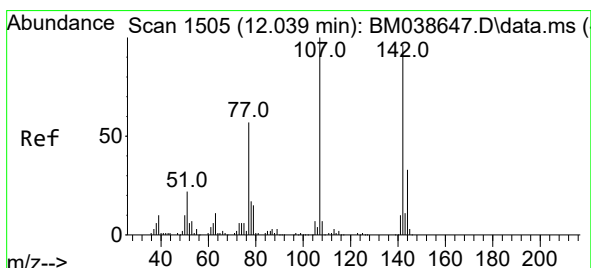
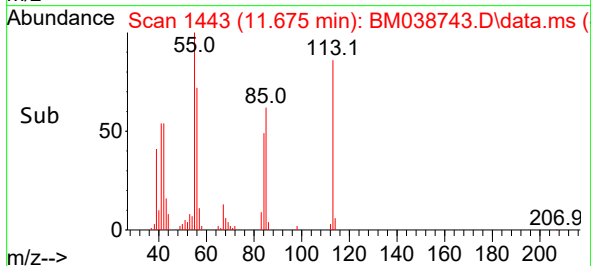
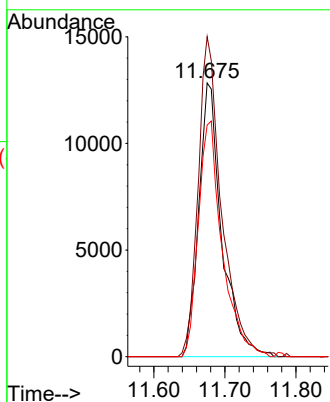
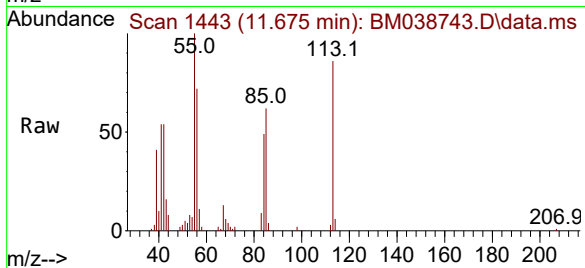




#35
Caprolactam
Concen: 41.724 ng
RT: 11.675 min Scan# 14
Delta R.T. -0.011 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

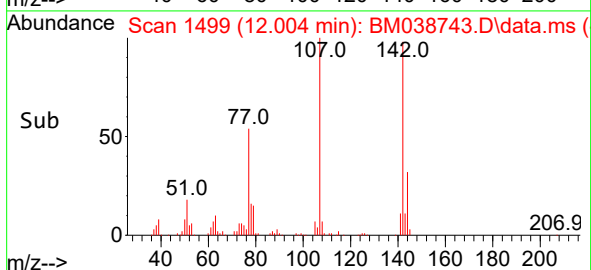
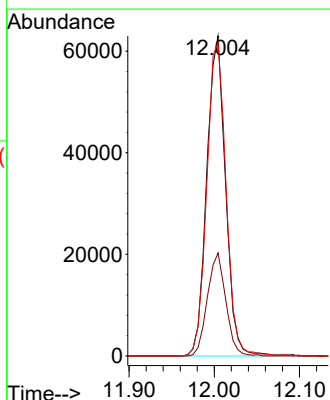
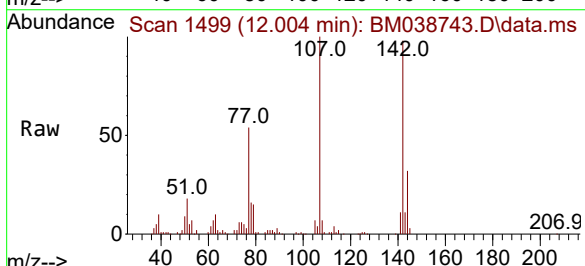
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

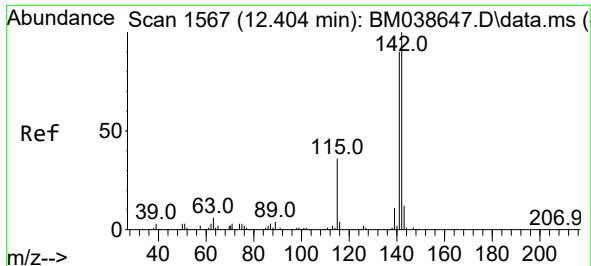
Tgt Ion:113 Resp: 28806
Ion Ratio Lower Upper
113 100
55 116.9 111.2 151.2
56 84.7 82.0 122.0



#36
4-Chloro-3-methylphenol
Concen: 40.696 ng
RT: 12.004 min Scan# 1499
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:107 Resp: 96467
Ion Ratio Lower Upper
107 100
144 32.2 26.5 39.7
142 97.9 77.0 115.6

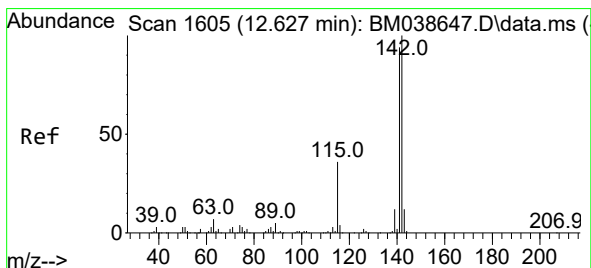
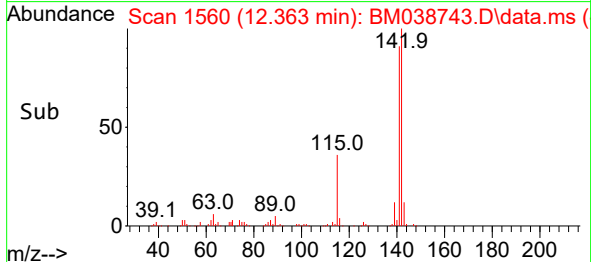
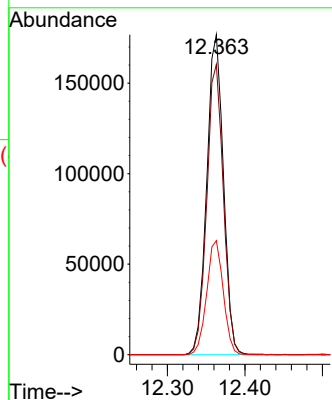
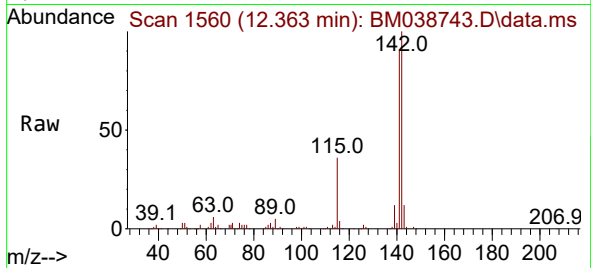




#37
2-Methylnaphthalene
Concen: 40.477 ng
RT: 12.363 min Scan# 1560
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

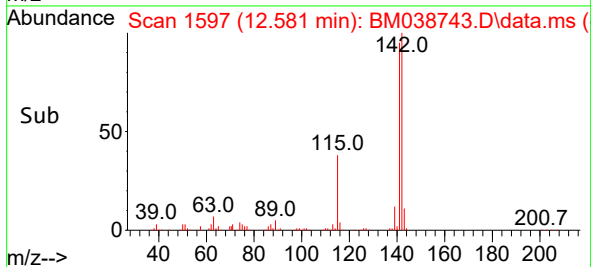
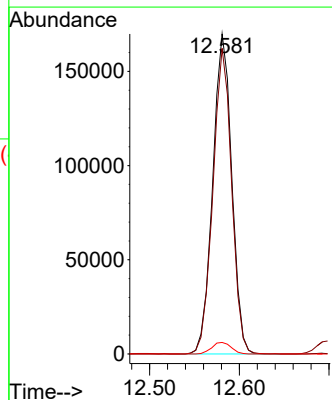
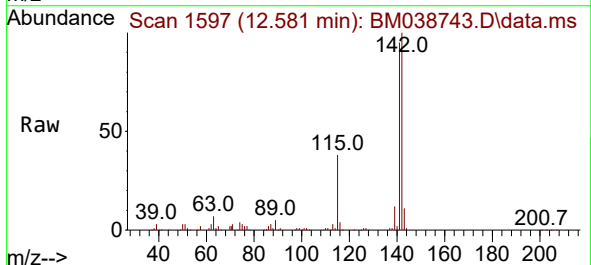
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

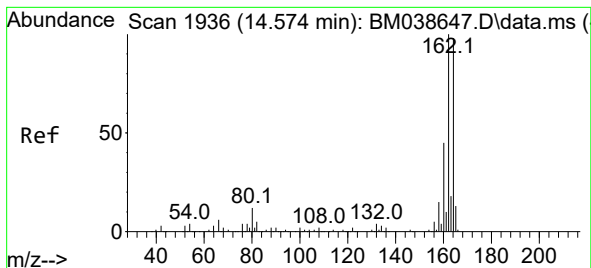
Tgt Ion:142 Resp: 263993
Ion Ratio Lower Upper
142 100
141 90.7 71.8 107.8
115 35.7 28.7 43.1



#38
1-Methylnaphthalene
Concen: 40.660 ng
RT: 12.581 min Scan# 1597
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:142 Resp: 249883
Ion Ratio Lower Upper
142 100
141 95.5 75.5 113.3
116 3.6 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1930

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

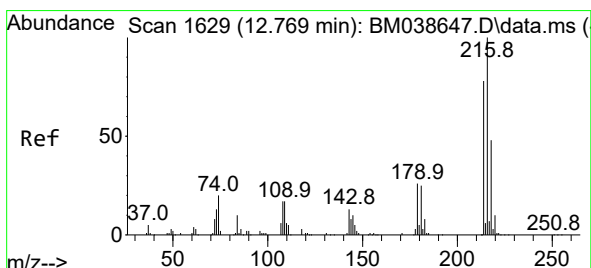
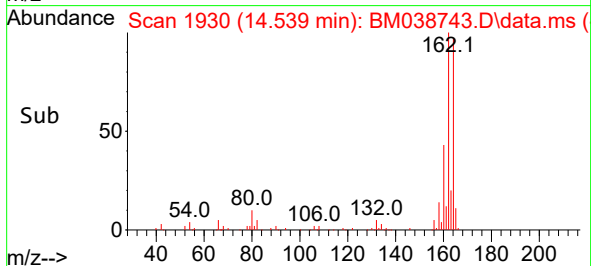
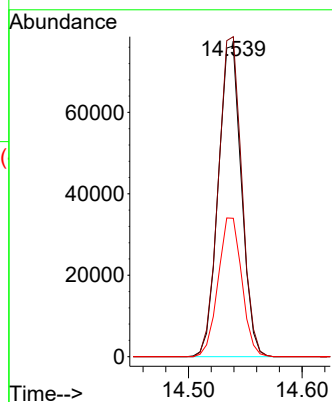
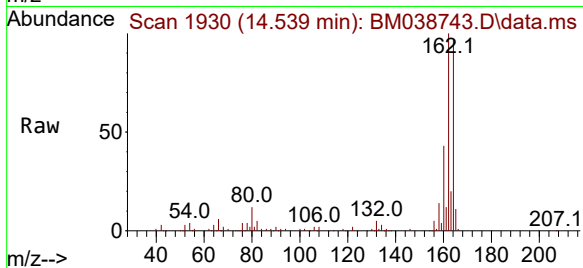
Tgt Ion:164 Resp: 108746

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.0

160 44.5 36.5 54.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.124 ng

RT: 12.728 min Scan# 1622

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Tgt Ion:216 Resp: 110728

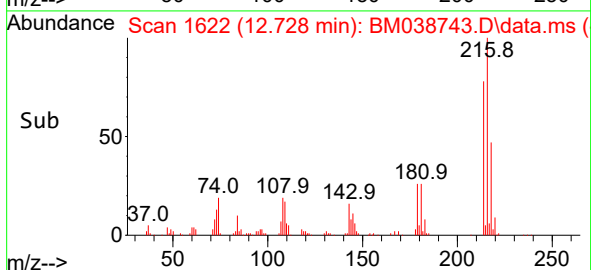
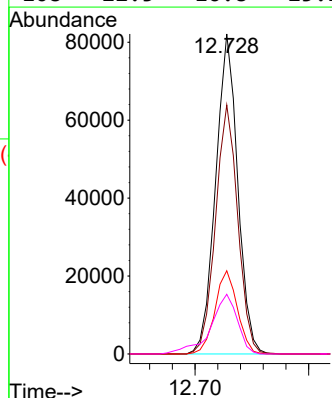
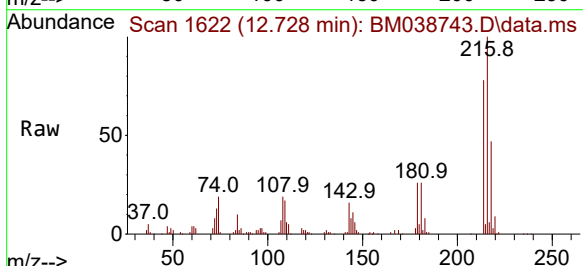
Ion Ratio Lower Upper

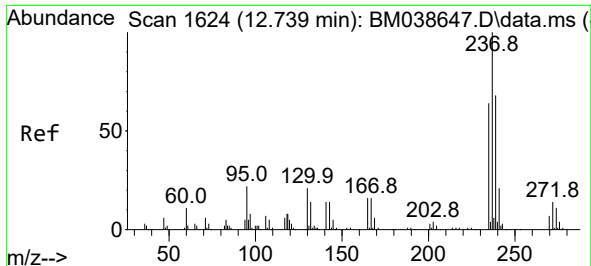
216 100

214 78.5 63.4 95.0

179 26.4 21.0 31.4

108 22.5 16.8 25.2

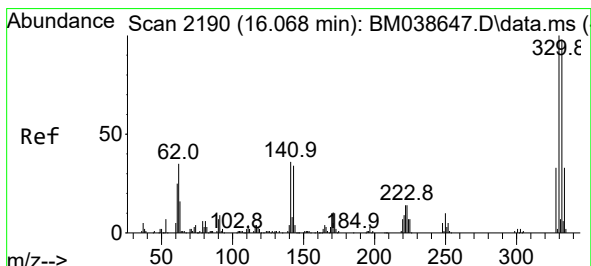
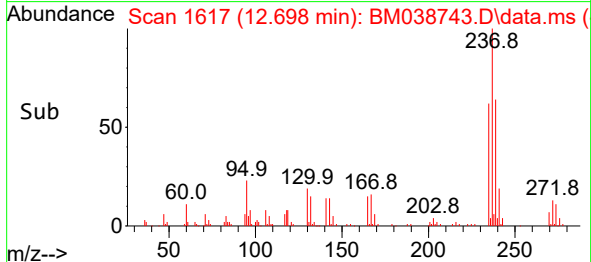
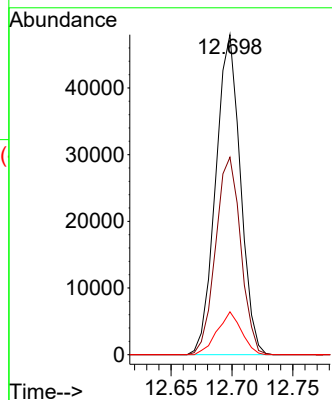
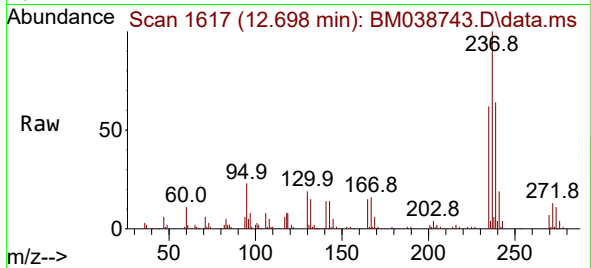




#41
Hexachlorocyclopentadiene
Concen: 38.551 ng
RT: 12.698 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

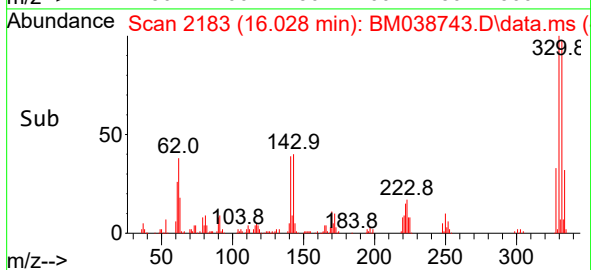
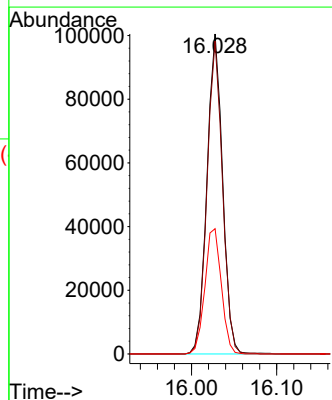
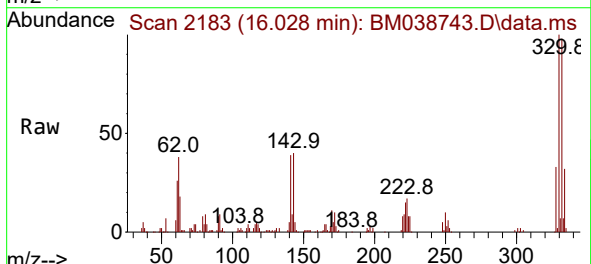
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

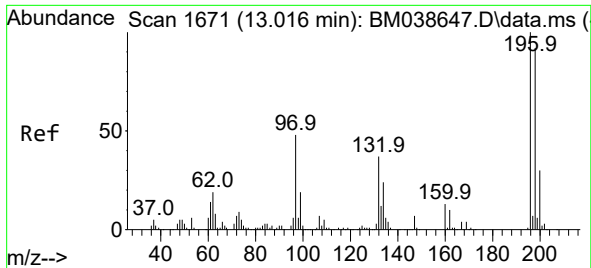
Tgt Ion:237 Resp: 67703
Ion Ratio Lower Upper
237 100
235 61.7 43.8 83.8
272 13.4 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 86.603 ng
RT: 16.028 min Scan# 2183
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:330 Resp: 128007
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.6
141 41.2 31.0 46.6

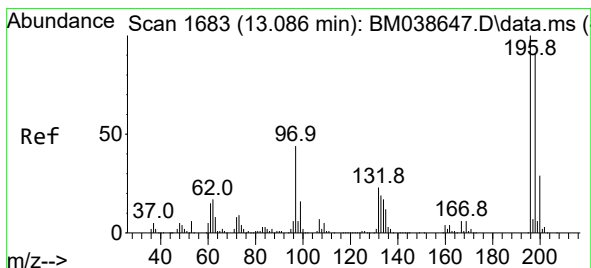
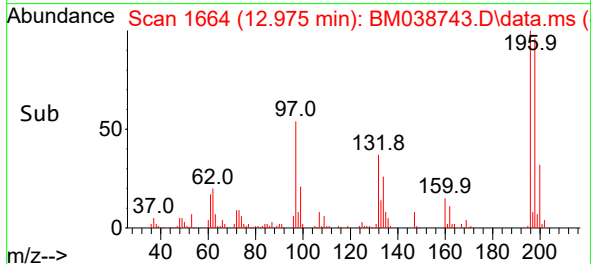
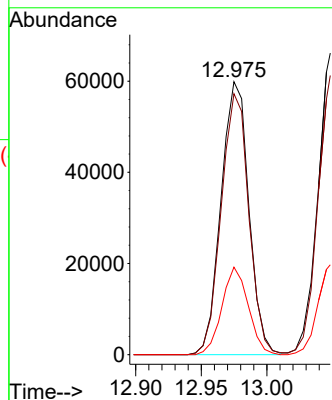
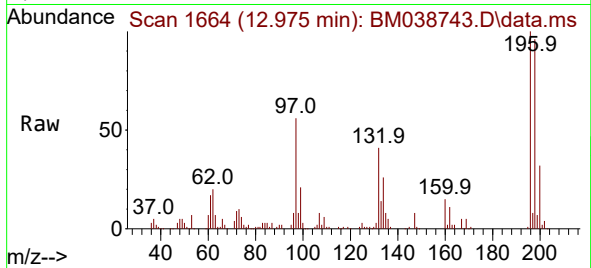




#43
2,4,6-Trichlorophenol
Concen: 39.714 ng
RT: 12.975 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

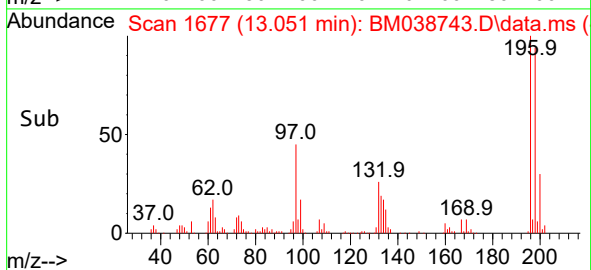
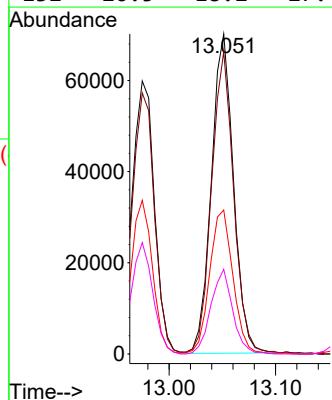
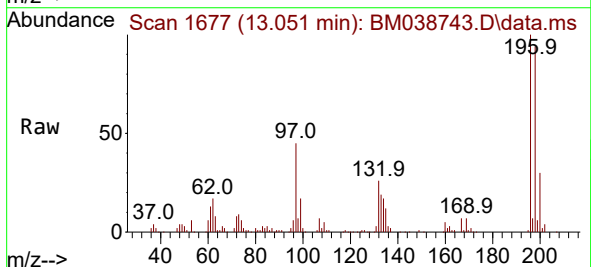
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

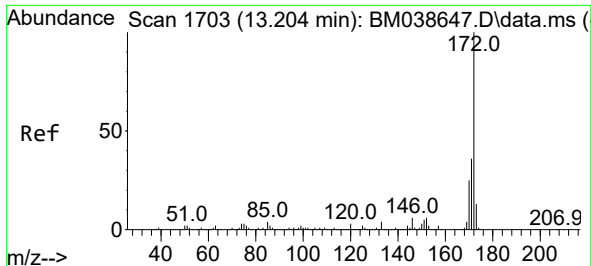
Tgt Ion:196 Resp: 88301
Ion Ratio Lower Upper
196 100
198 95.6 73.7 110.5
200 32.1 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 38.677 ng
RT: 13.051 min Scan# 1677
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:196 Resp: 101197
Ion Ratio Lower Upper
196 100
198 94.5 73.1 109.7
97 45.0 35.5 53.3
132 26.5 18.2 27.4

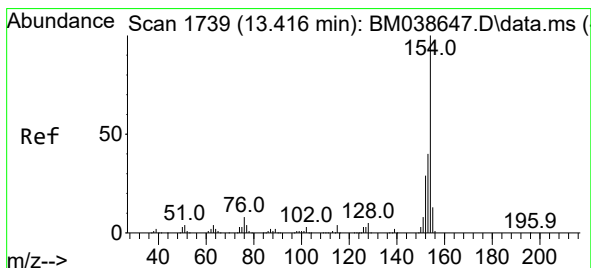
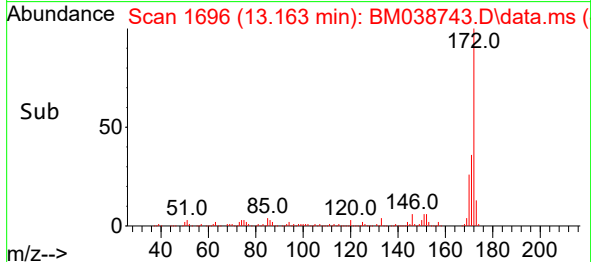
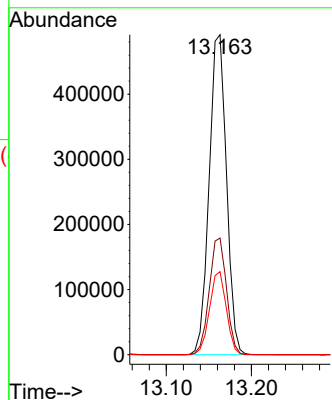
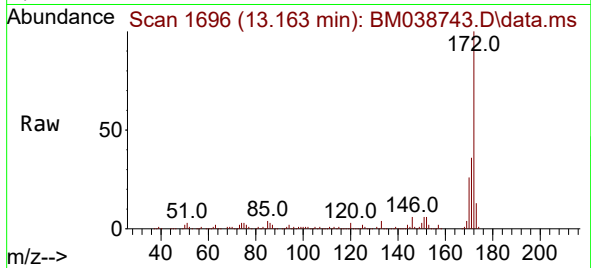




#45
2-Fluorobiphenyl
Concen: 81.133 ng
RT: 13.163 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

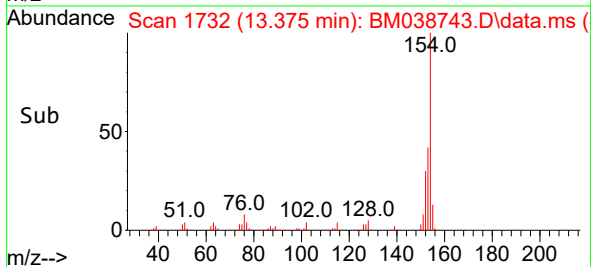
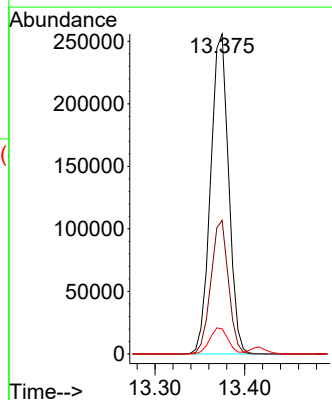
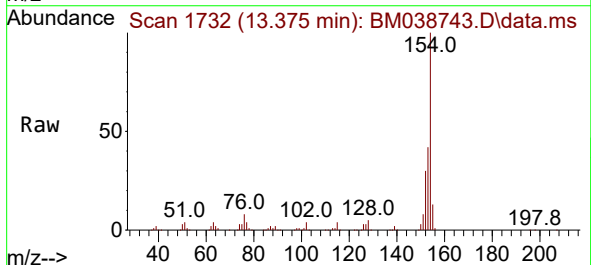
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

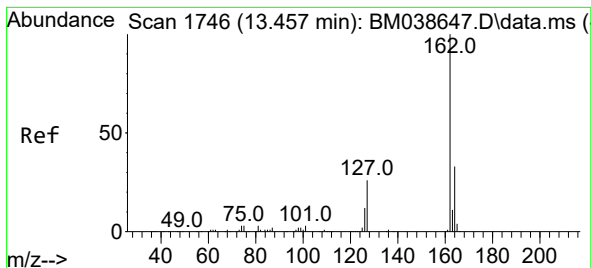
Tgt Ion:172 Resp: 693022
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 26.0 20.0 30.0



#46
1,1'-Biphenyl
Concen: 41.415 ng
RT: 13.375 min Scan# 1732
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:154 Resp: 356755
Ion Ratio Lower Upper
154 100
153 41.8 19.9 59.9
76 7.9 0.0 27.9





#47

2-Chloronaphthalene

Concen: 41.061 ng

RT: 13.416 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

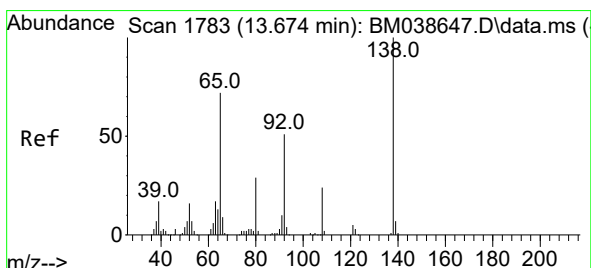
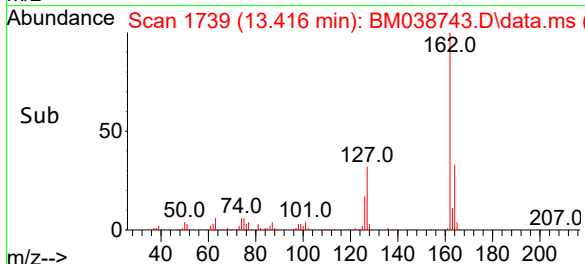
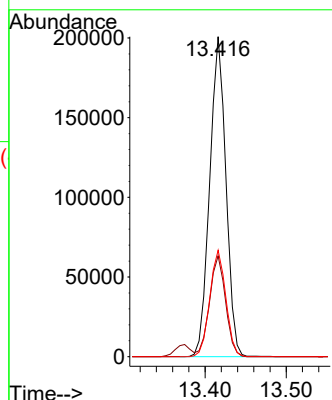
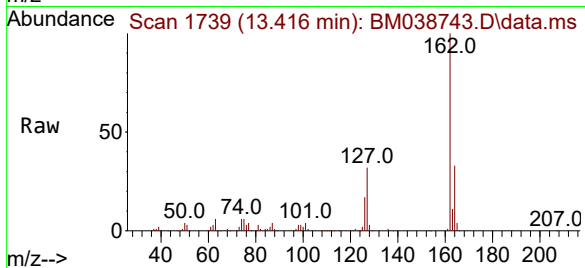
Tgt Ion:162 Resp: 278330

Ion Ratio Lower Upper

162 100

127 31.5 23.6 35.4

164 33.2 26.7 40.1



#48

2-Nitroaniline

Concen: 39.529 ng

RT: 13.634 min Scan# 1776

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

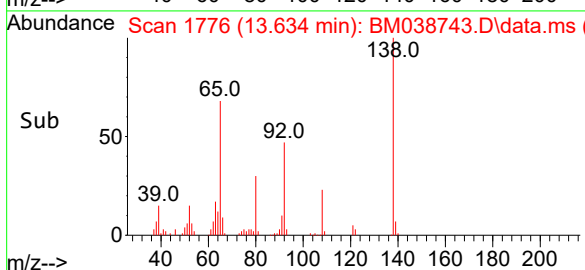
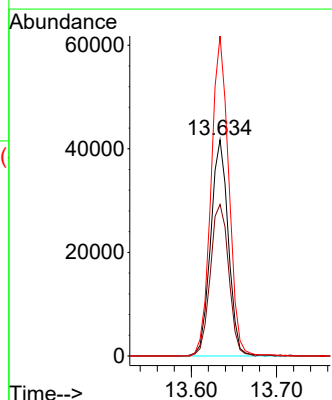
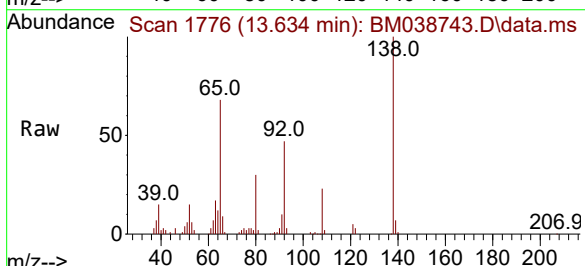
Tgt Ion: 65 Resp: 59856

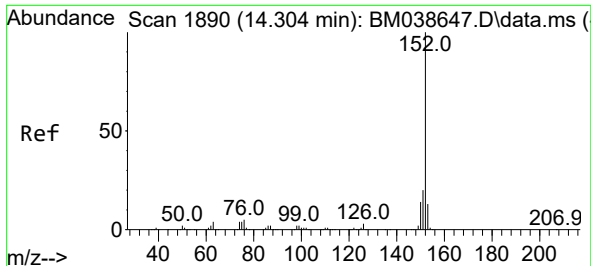
Ion Ratio Lower Upper

65 100

92 70.1 55.9 83.9

138 148.0 110.6 166.0

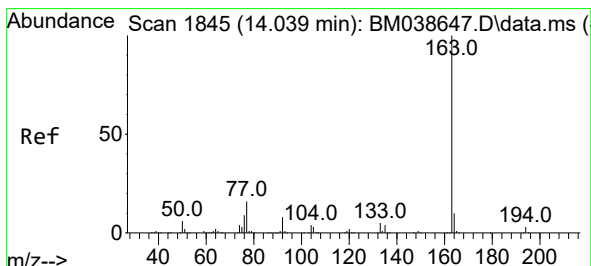
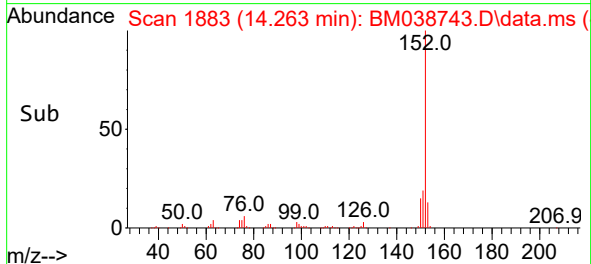
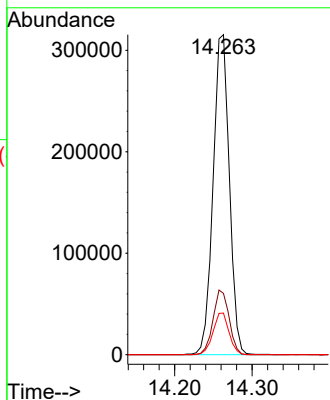
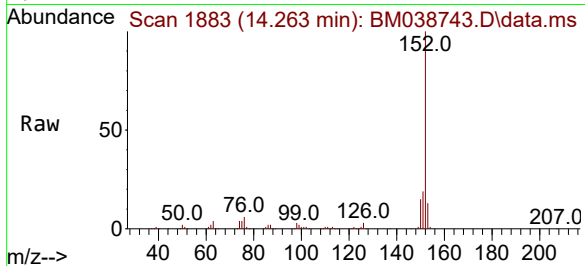




#49
Acenaphthylene
Concen: 43.168 ng
RT: 14.263 min Scan# 1883
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

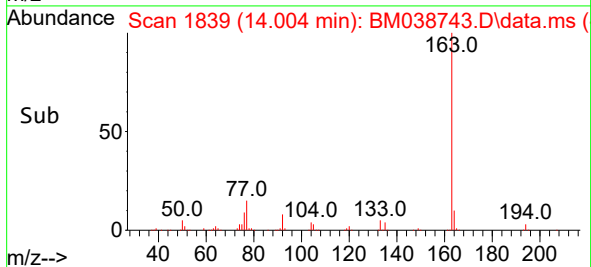
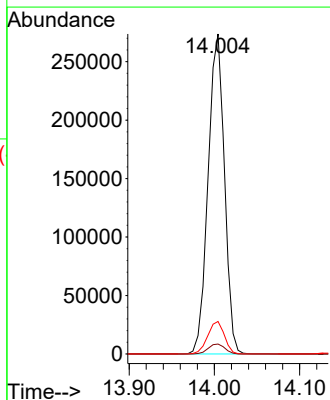
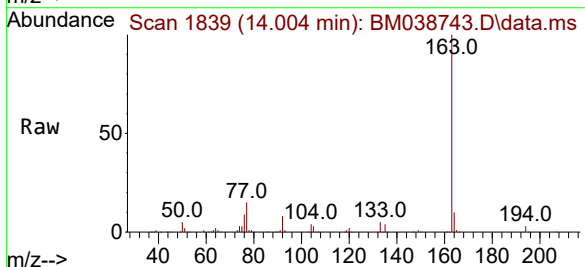
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

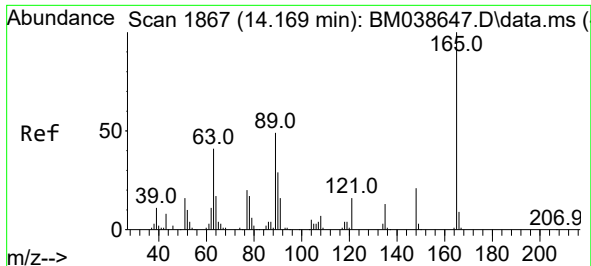
Tgt Ion:152 Resp: 460879
Ion Ratio Lower Upper
152 100
151 19.2 16.1 24.1
153 13.0 10.0 15.0



#50
Dimethylphthalate
Concen: 41.102 ng
RT: 14.004 min Scan# 1839
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:163 Resp: 364747
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.1 8.2 12.4

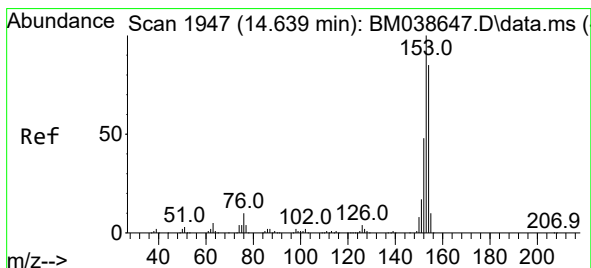
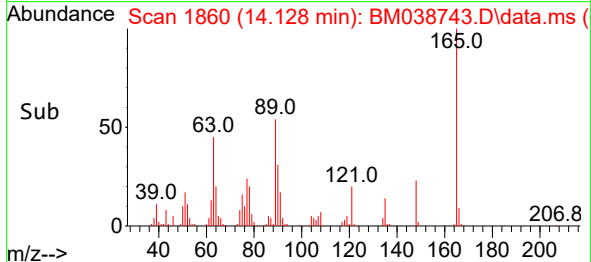
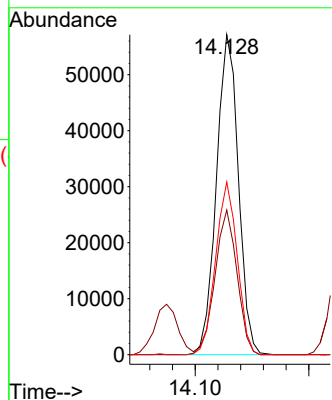
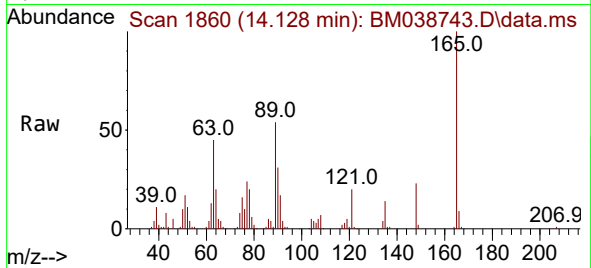




#51
2,6-Dinitrotoluene
Concen: 42.583 ng
RT: 14.128 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

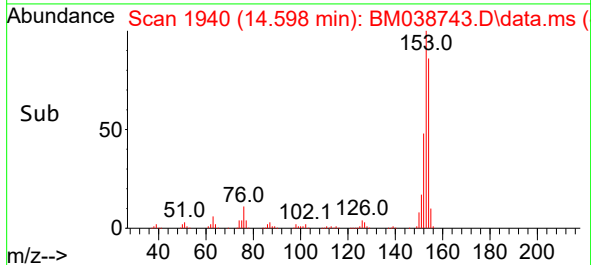
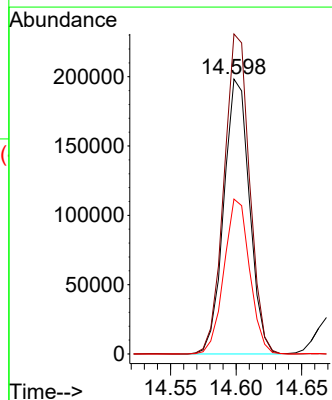
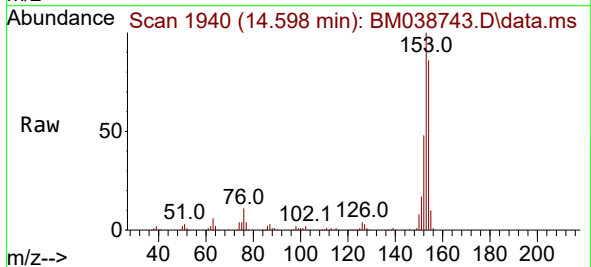
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

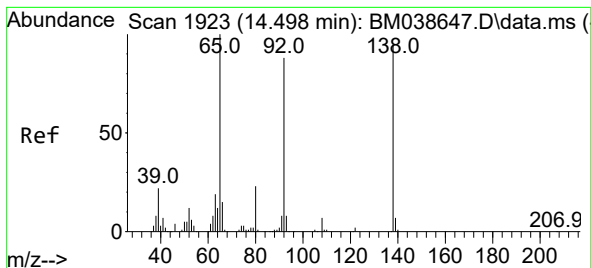
Tgt Ion:165 Resp: 76805
Ion Ratio Lower Upper
165 100
63 45.2 35.8 53.8
89 53.9 39.3 58.9



#52
Acenaphthene
Concen: 42.355 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.011 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:154 Resp: 270007
Ion Ratio Lower Upper
154 100
153 116.4 93.7 140.5
152 56.4 44.6 67.0

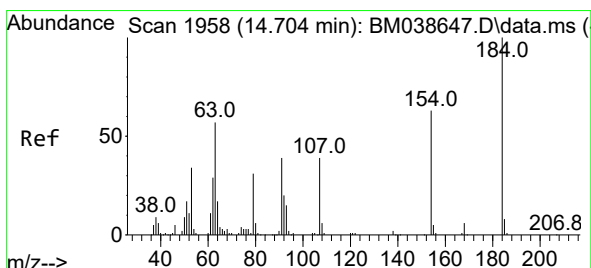
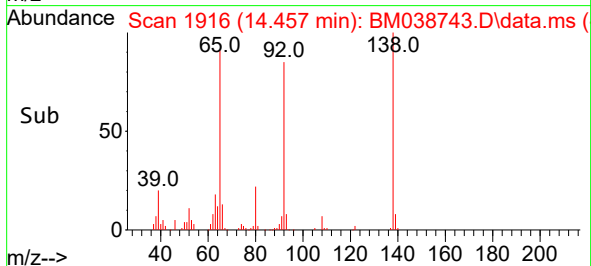
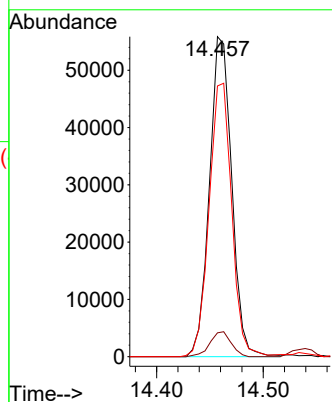
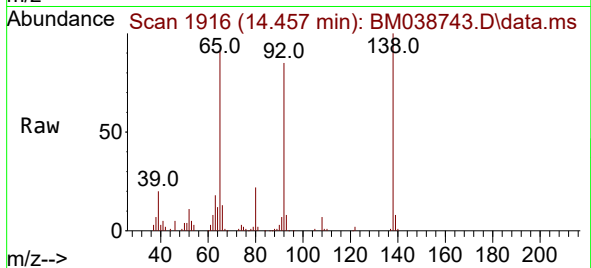




#53
3-Nitroaniline
Concen: 43.096 ng
RT: 14.457 min Scan# 1916
Delta R.T. -0.011 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

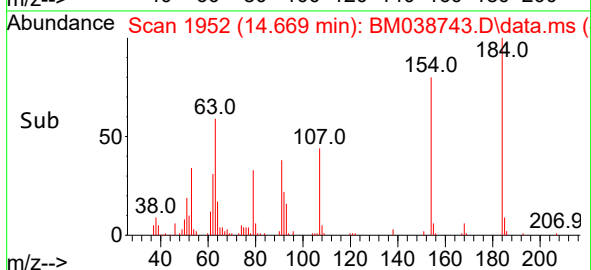
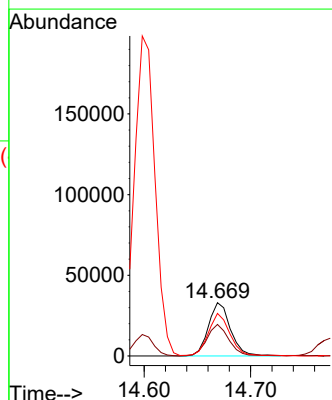
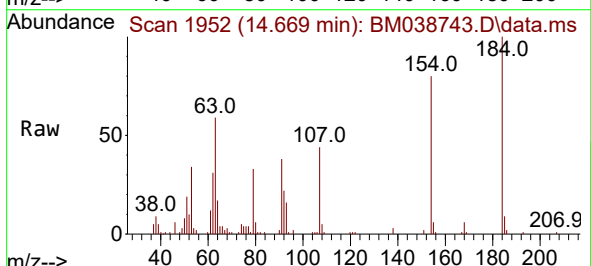
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

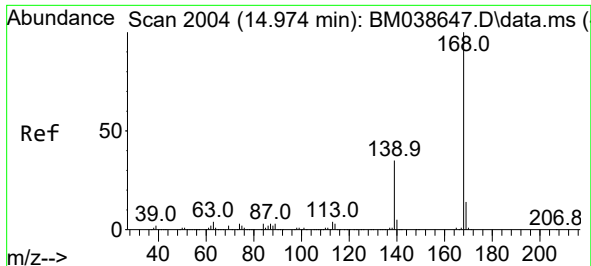
Tgt Ion:138 Resp: 81028
Ion Ratio Lower Upper
138 100
108 7.4 5.8 8.8
92 84.6 73.9 110.9



#54
2,4-Dinitrophenol
Concen: 40.571 ng
RT: 14.669 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:184 Resp: 47630
Ion Ratio Lower Upper
184 100
63 59.2 45.9 68.9
154 79.7 54.9 82.3

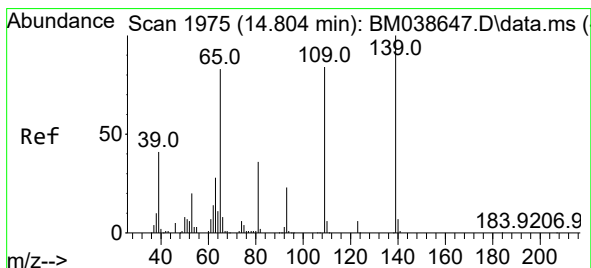
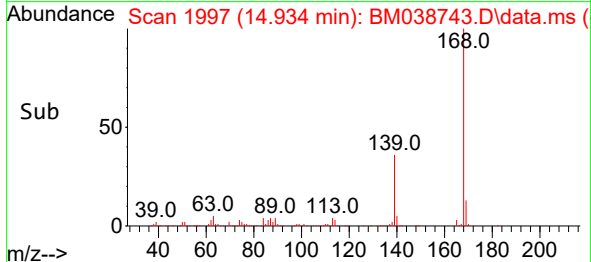
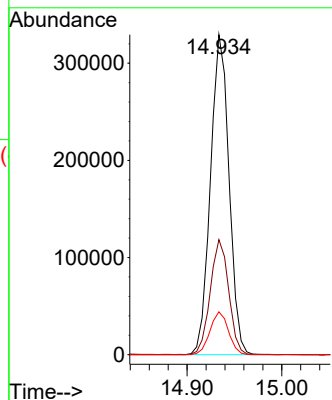
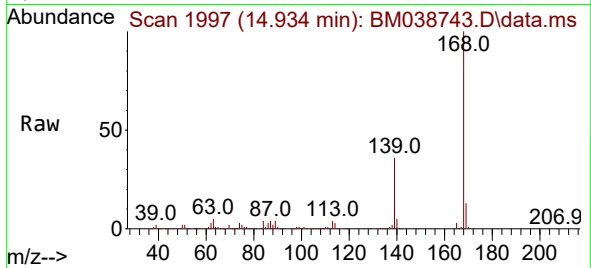




#55
Dibenzenofuran
Concen: 40.769 ng
RT: 14.934 min Scan# 1997
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

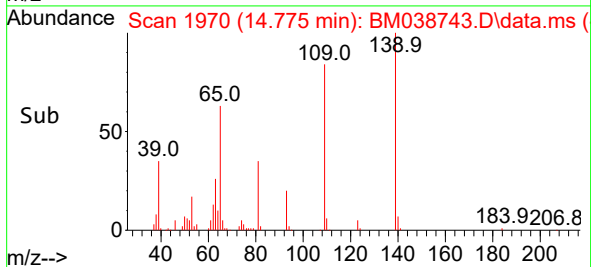
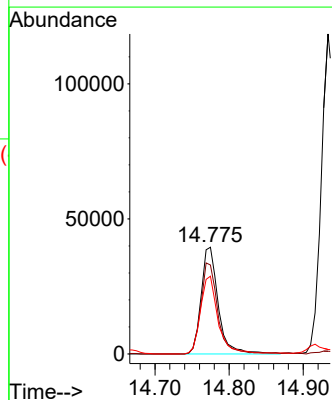
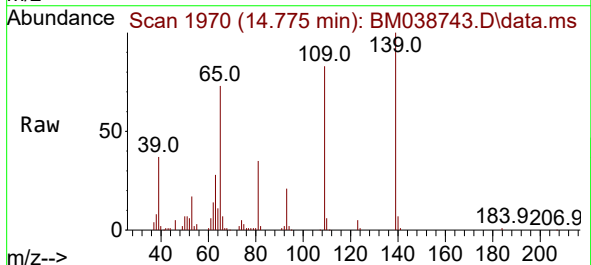
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

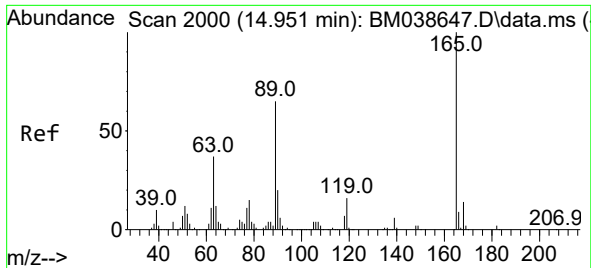
Tgt Ion:168 Resp: 447557
Ion Ratio Lower Upper
168 100
139 36.0 27.8 41.6
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 43.953 ng
RT: 14.775 min Scan# 1970
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:139 Resp: 63581
Ion Ratio Lower Upper
139 100
109 83.3 63.8 103.8
65 72.9 62.5 102.5

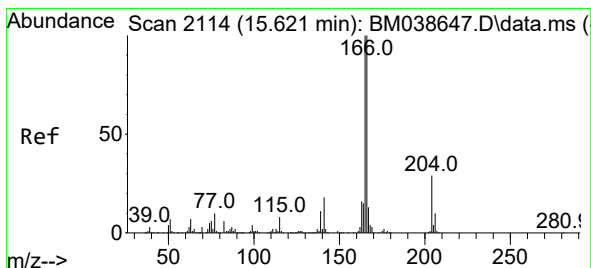
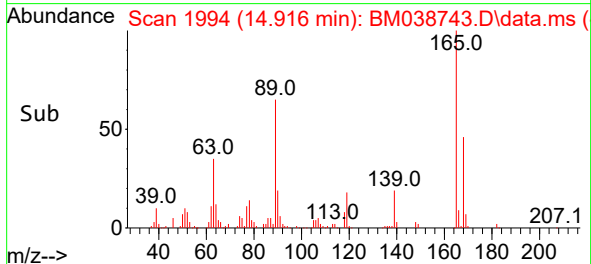
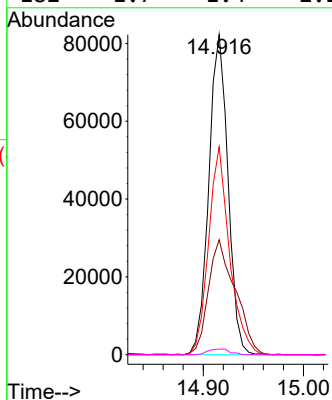
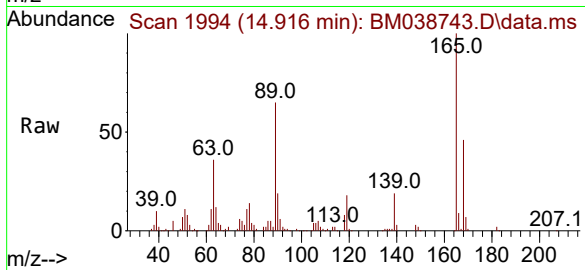




#57
2,4-Dinitrotoluene
Concen: 41.318 ng
RT: 14.916 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

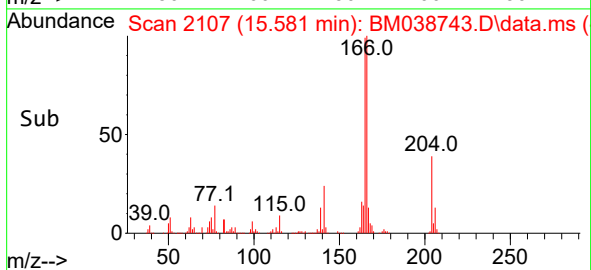
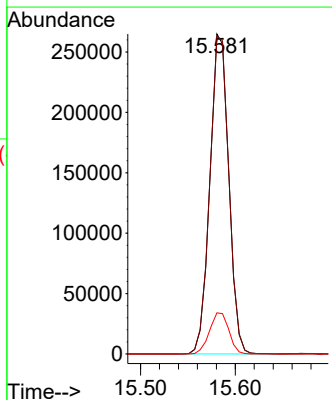
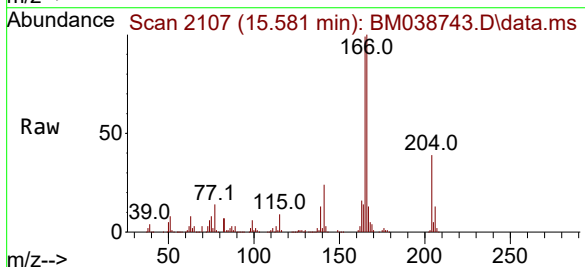
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

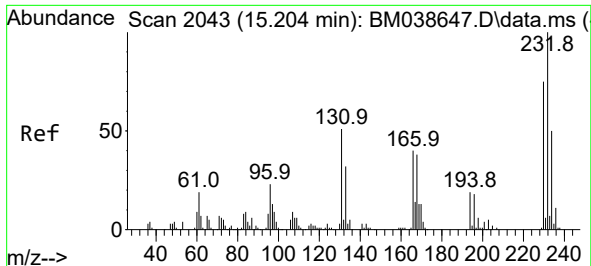
Tgt Ion:165 Resp: 109341
Ion Ratio Lower Upper
165 100
63 35.9 29.4 44.0
89 64.9 51.8 77.6
182 1.7 1.4 2.2



#58
Fluorene
Concen: 41.952 ng
RT: 15.581 min Scan# 2107
Delta R.T. -0.011 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:166 Resp: 364400
Ion Ratio Lower Upper
166 100
165 99.3 80.2 120.4
167 12.8 10.7 16.1

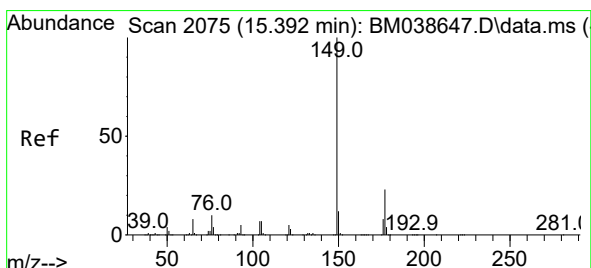
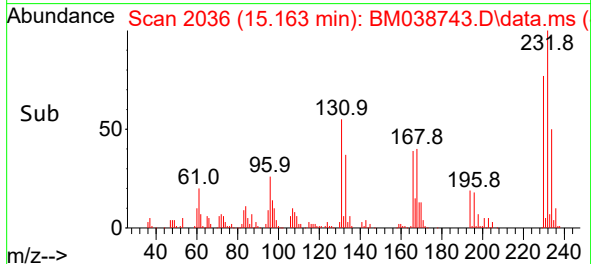
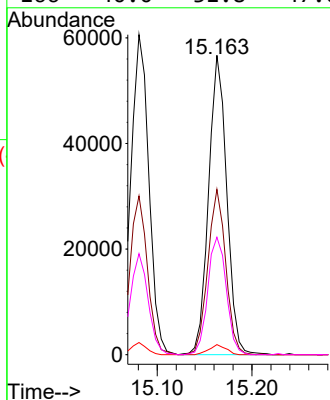
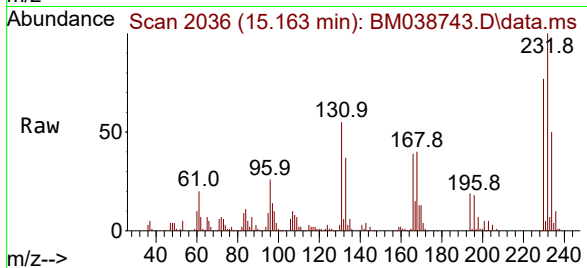




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.413 ng
RT: 15.163 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

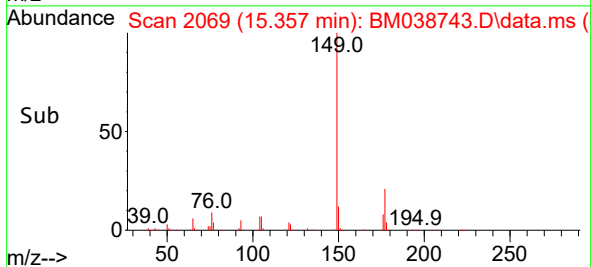
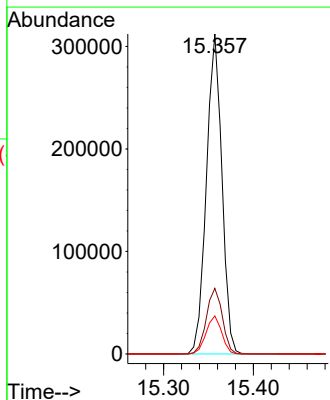
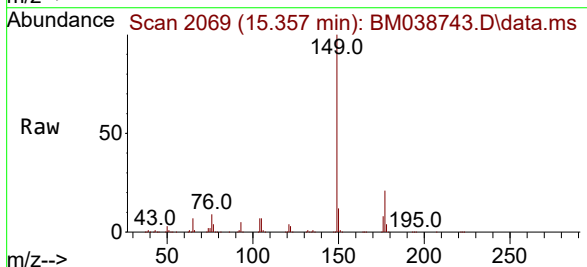
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

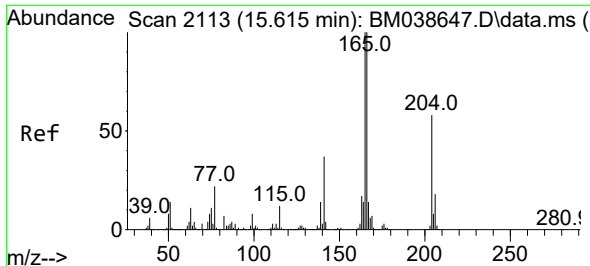
Tgt Ion:232 Resp: 75414
Ion Ratio Lower Upper
232 100
131 54.5 41.2 61.8
130 3.1 2.4 3.6
166 40.0 31.8 47.6



#60
Diethylphthalate
Concen: 44.438 ng
RT: 15.357 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:149 Resp: 373589
Ion Ratio Lower Upper
149 100
177 20.5 18.1 27.1
150 11.9 10.0 15.0

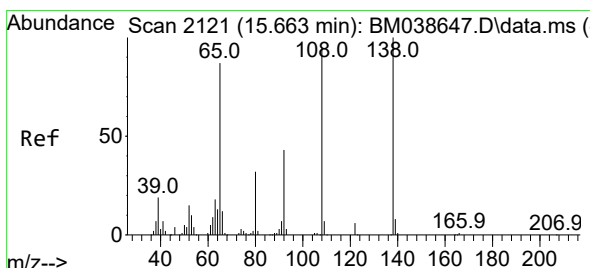
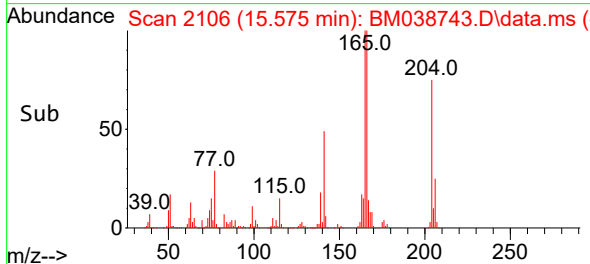
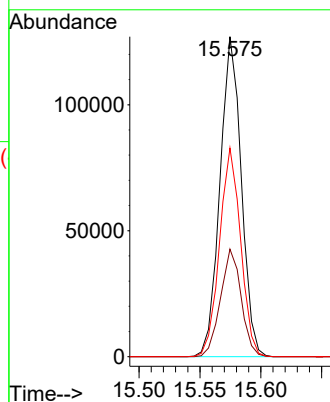
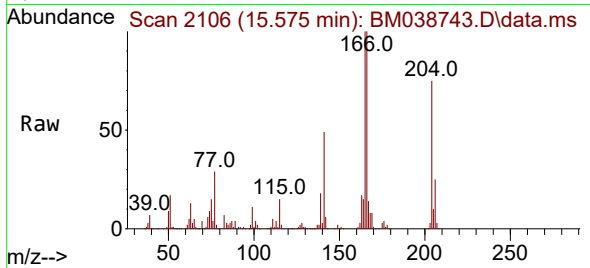




#61
4-Chlorophenyl-phenylether
Concen: 42.006 ng
RT: 15.575 min Scan# 2106
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

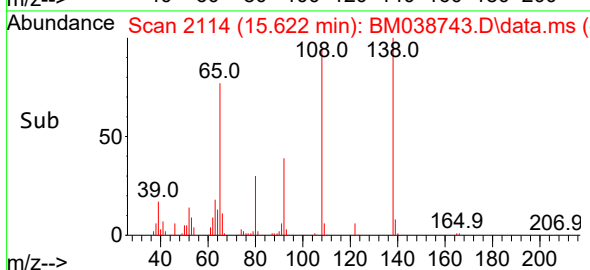
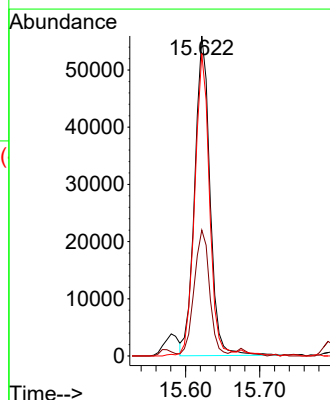
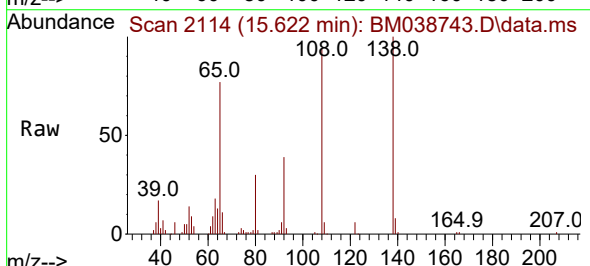
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

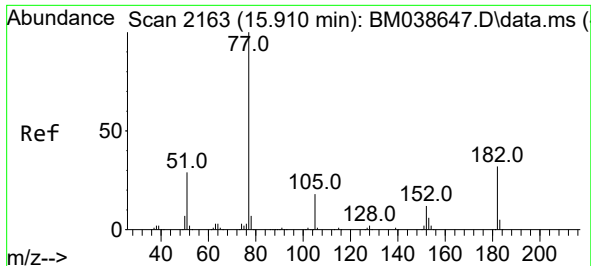
Tgt Ion:204 Resp: 154792
Ion Ratio Lower Upper
204 100
206 33.6 25.3 37.9
141 65.2 51.3 76.9



#62
4-Nitroaniline
Concen: 41.553 ng
RT: 15.622 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:138 Resp: 80022
Ion Ratio Lower Upper
138 100
92 39.3 23.4 63.4
108 94.5 75.1 115.1

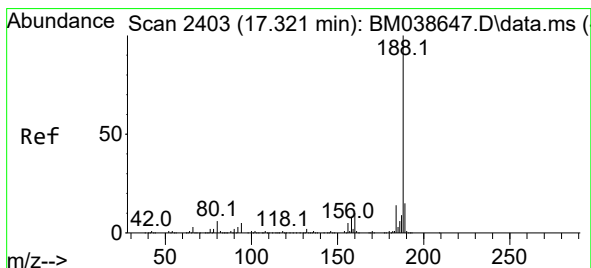
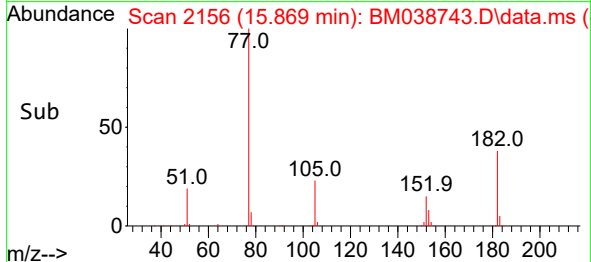
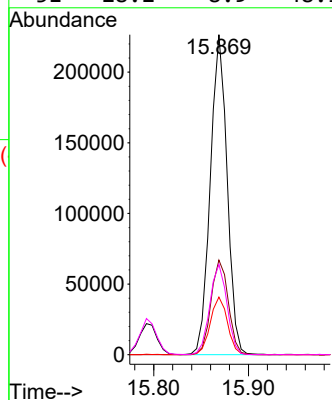
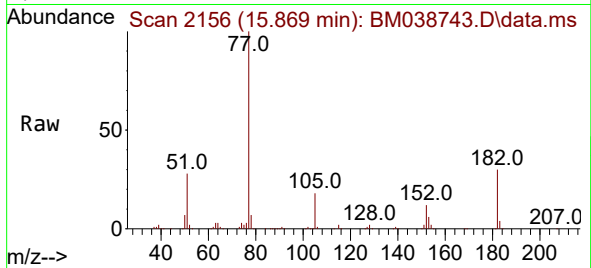




#63
Azobenzene
Concen: 43.064 ng
RT: 15.869 min Scan# 2163
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

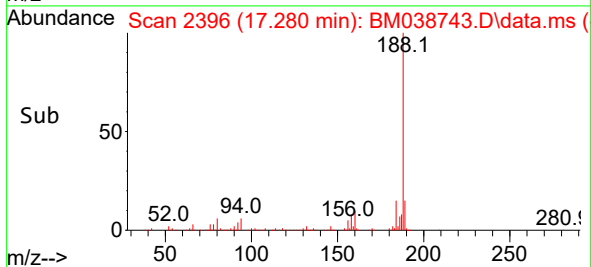
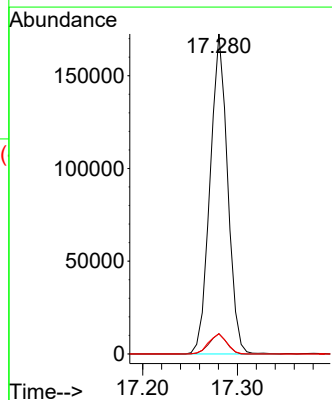
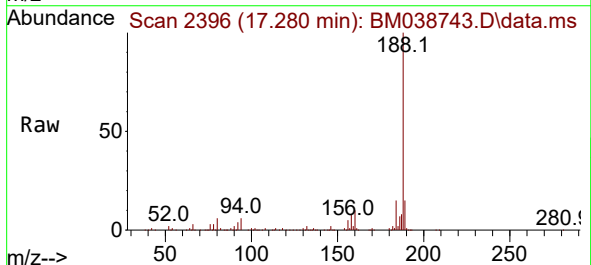
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

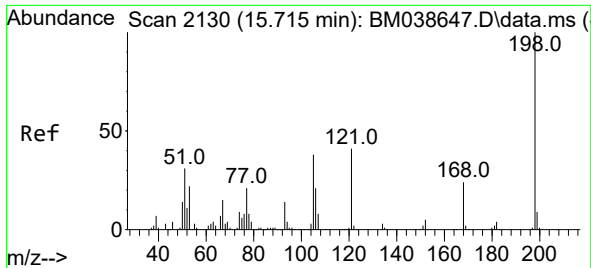
Tgt Ion: 77 Resp: 278546
Ion Ratio Lower Upper
77 100
182 29.6 12.0 52.0
105 18.0 0.0 37.5
51 28.2 8.9 48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2396
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:188 Resp: 222113
Ion Ratio Lower Upper
188 100
94 6.4 4.2 6.4#
80 6.3 4.6 7.0

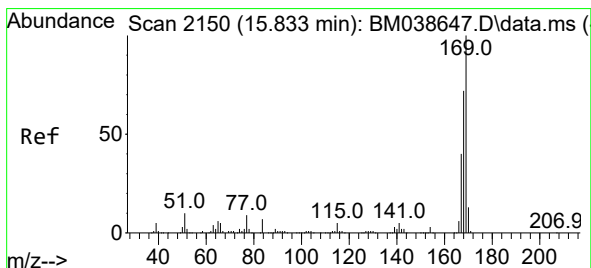
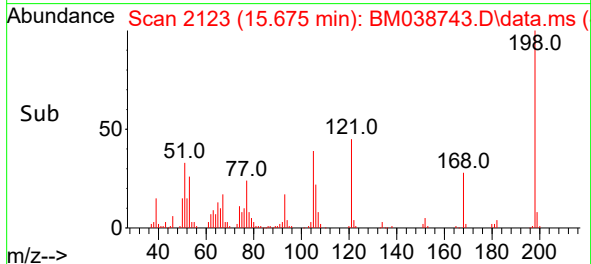
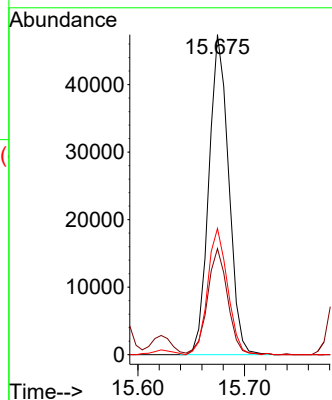
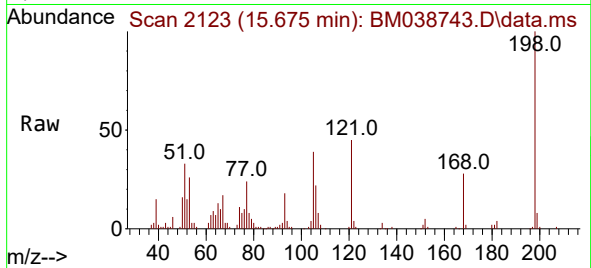




#65
4,6-Dinitro-2-methylphenol
Concen: 43.713 ng
RT: 15.675 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

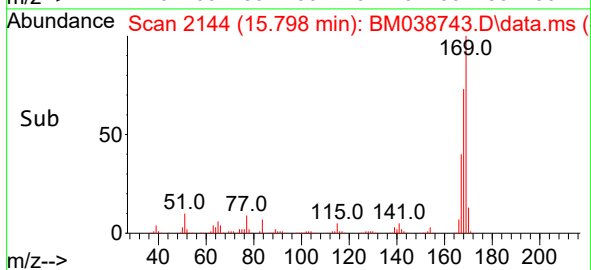
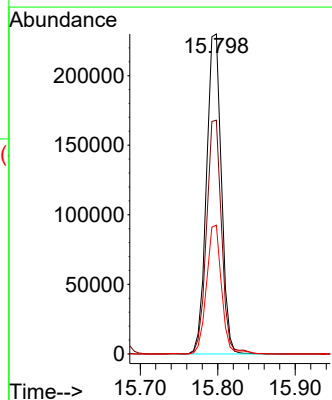
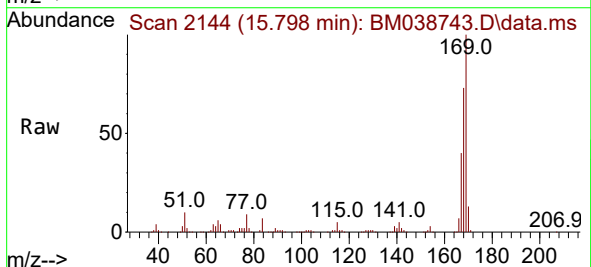
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

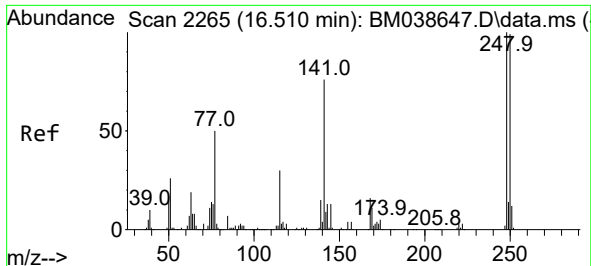
Tgt Ion:198 Resp: 61122
Ion Ratio Lower Upper
198 100
51 33.2 13.0 53.0
105 39.4 17.9 57.9



#66
n-Nitrosodiphenylamine
Concen: 42.309 ng
RT: 15.798 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:169 Resp: 306838
Ion Ratio Lower Upper
169 100
168 73.0 57.6 86.4
167 40.3 32.3 48.5

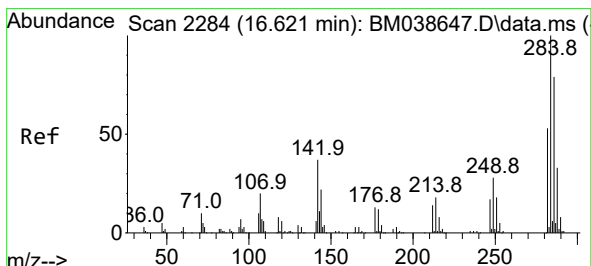
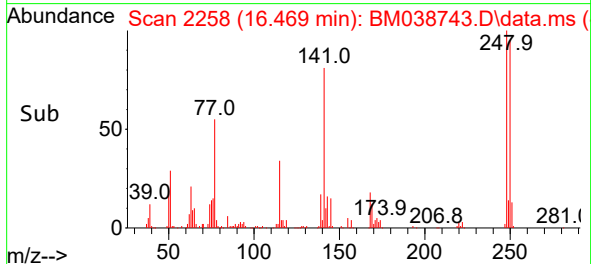
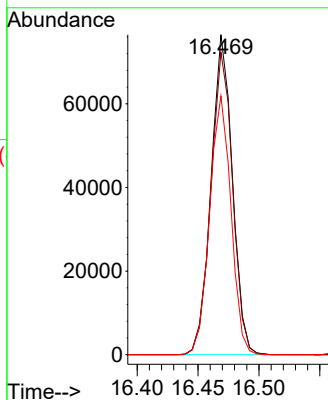
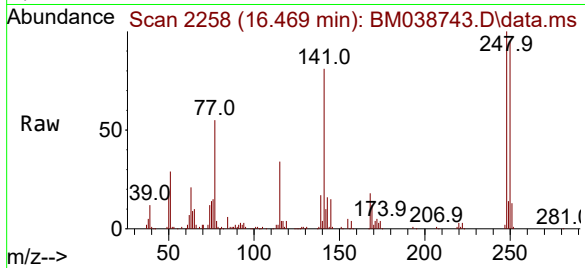




#67
4-Bromophenyl-phenylether
Concen: 43.470 ng
RT: 16.469 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

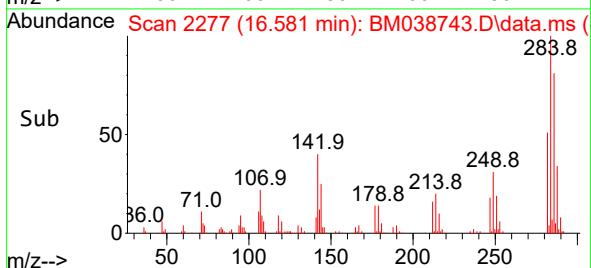
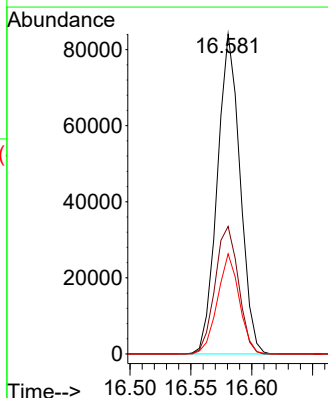
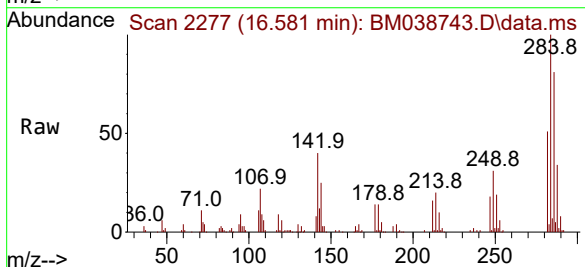
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

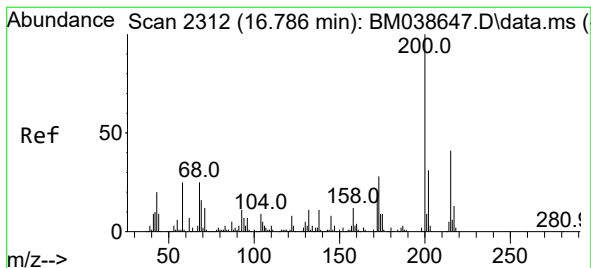
Tgt Ion:248 Resp: 93227
Ion Ratio Lower Upper
248 100
250 94.5 79.4 119.2
141 80.9 61.0 91.6



#68
Hexachlorobenzene
Concen: 41.754 ng
RT: 16.581 min Scan# 2277
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:284 Resp: 109440
Ion Ratio Lower Upper
284 100
142 39.8 29.8 44.6
249 31.3 22.2 33.4





#69

Atrazine

Concen: 43.650 ng

RT: 16.745 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

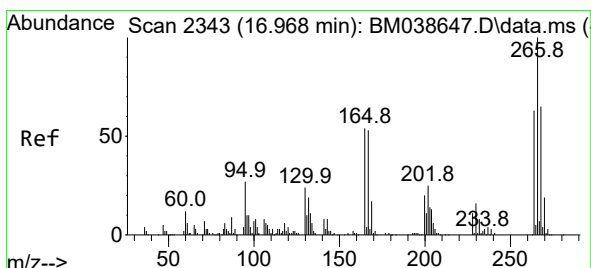
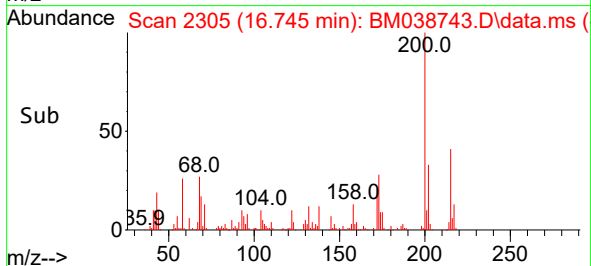
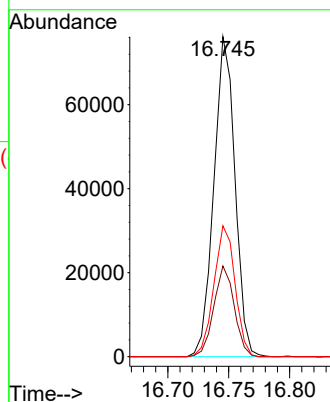
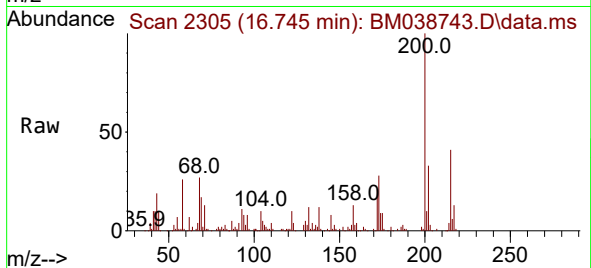
Tgt Ion:200 Resp: 91751

Ion Ratio Lower Upper

200 100

173 28.4 7.9 47.9

215 40.9 20.8 60.8



#70

Pentachlorophenol

Concen: 41.389 ng

RT: 16.933 min Scan# 2337

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

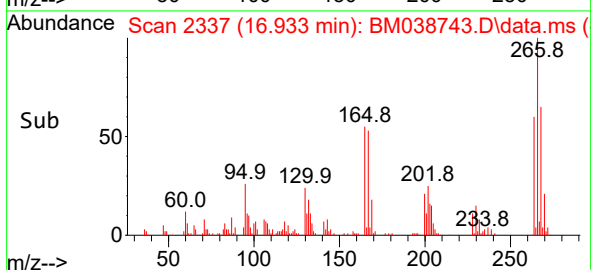
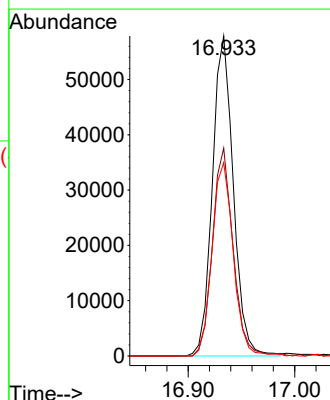
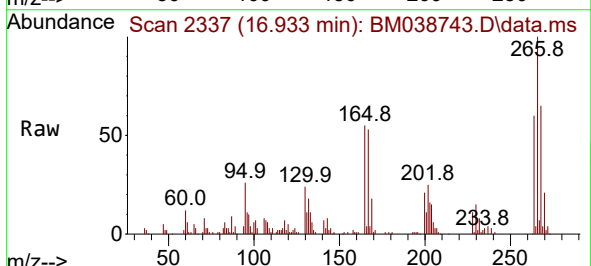
Tgt Ion:266 Resp: 79080

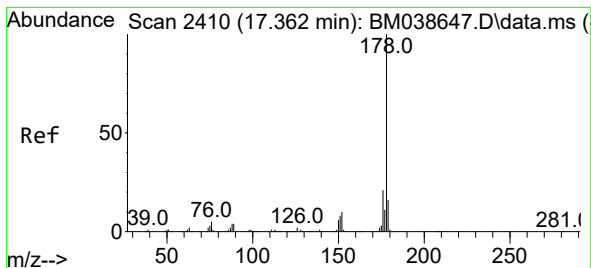
Ion Ratio Lower Upper

266 100

268 65.0 51.8 77.6

264 60.4 50.6 76.0





#71

Phenanthrene

Concen: 42.483 ng

RT: 17.322 min Scan# 2410

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

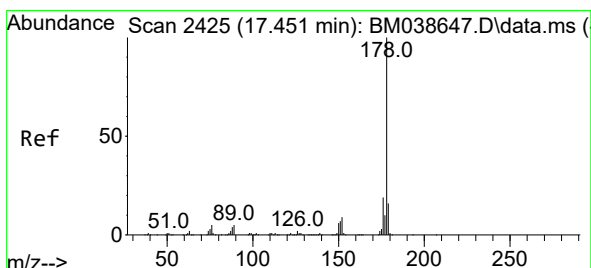
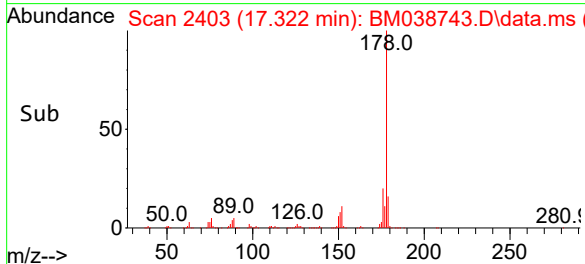
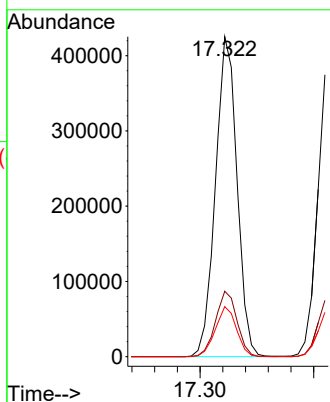
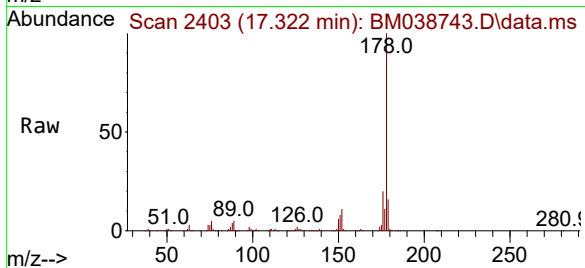
Tgt Ion:178 Resp: 560280

Ion Ratio Lower Upper

178 100

176 20.5 16.7 25.1

179 15.7 12.5 18.7



#72

Anthracene

Concen: 42.301 ng

RT: 17.416 min Scan# 2419

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

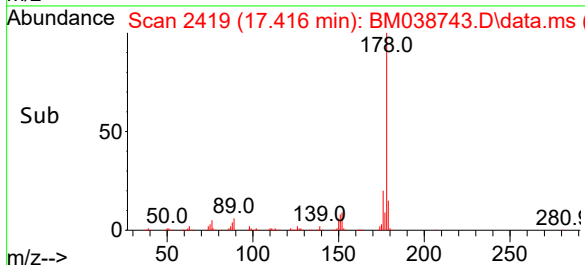
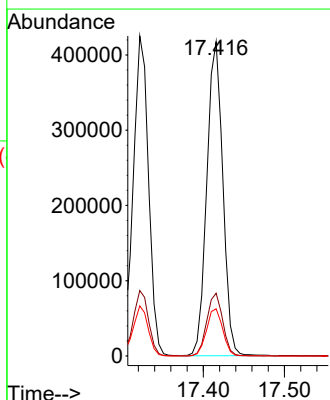
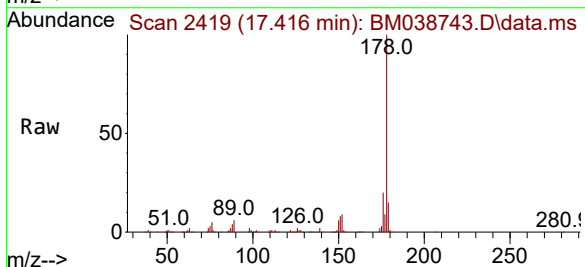
Tgt Ion:178 Resp: 570724

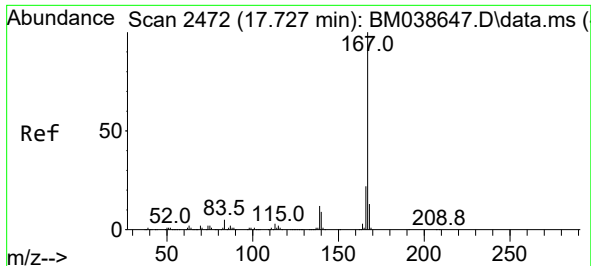
Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

179 15.0 12.4 18.6

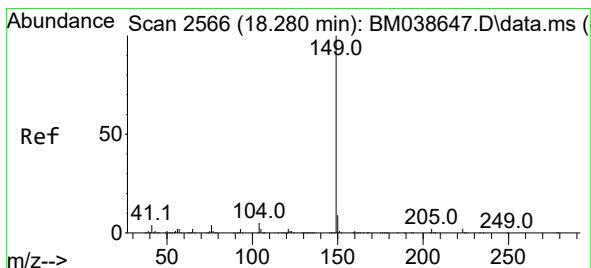
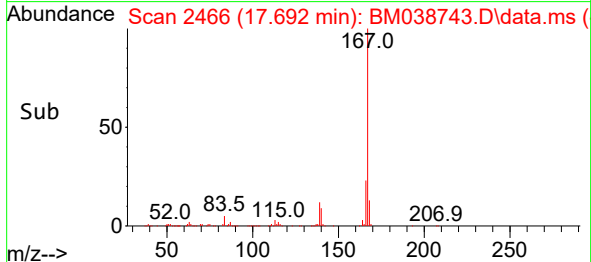
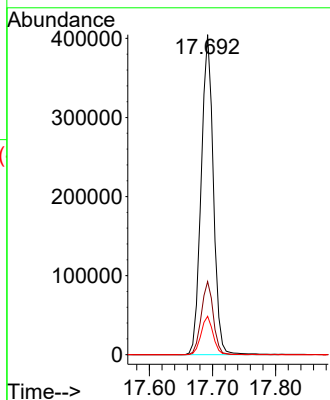
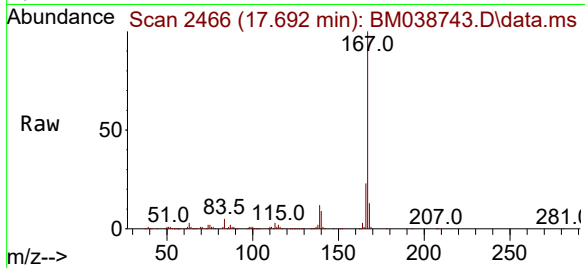




#73
 Carbazole
 Concen: 42.961 ng
 RT: 17.692 min Scan# 2472
 Delta R.T. -0.005 min
 Lab File: BM038743.D
 Acq: 15 Feb 2023 11:33

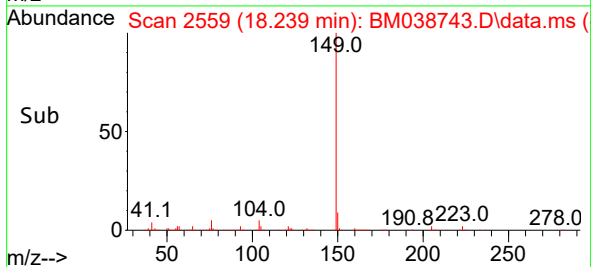
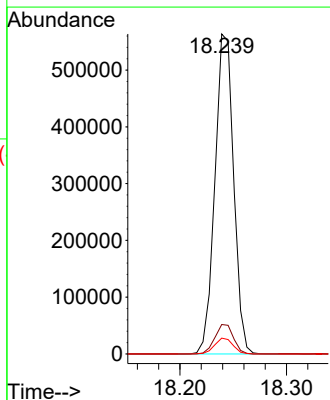
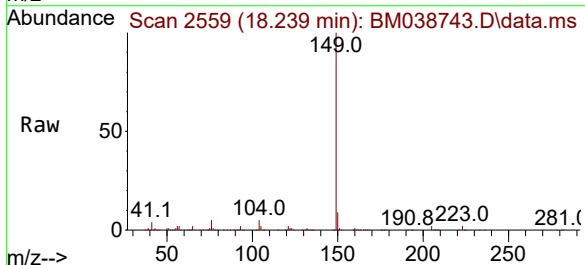
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

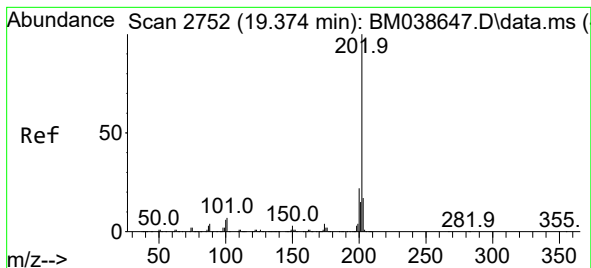
Tgt Ion:167 Resp: 540579
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.8 26.6
 139 12.0 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 48.291 ng
 RT: 18.239 min Scan# 2559
 Delta R.T. -0.005 min
 Lab File: BM038743.D
 Acq: 15 Feb 2023 11:33

Tgt Ion:149 Resp: 686515
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 43.385 ng

RT: 19.339 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

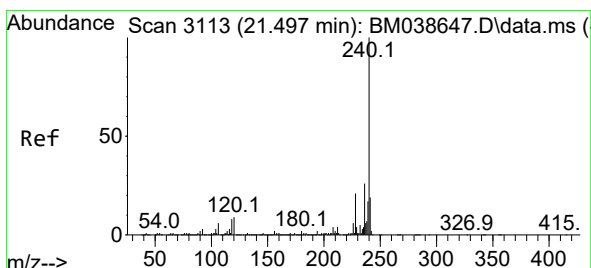
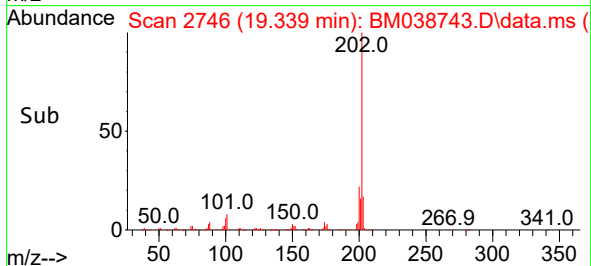
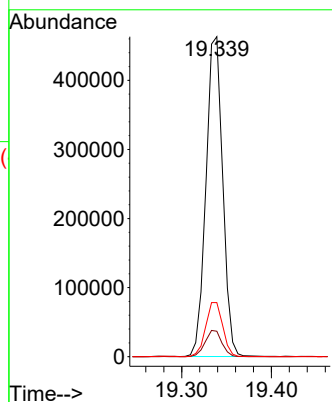
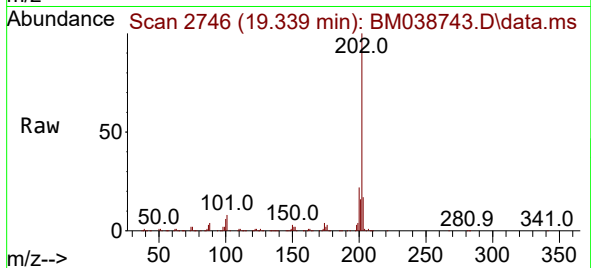
Tgt Ion:202 Resp: 600766

Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.4

203 16.9 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.463 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

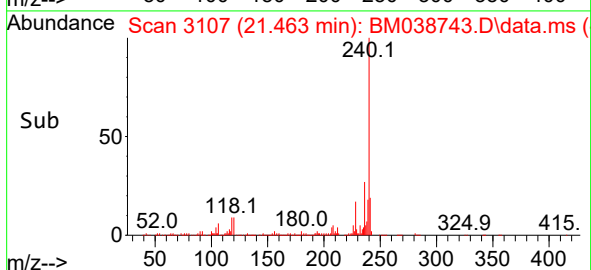
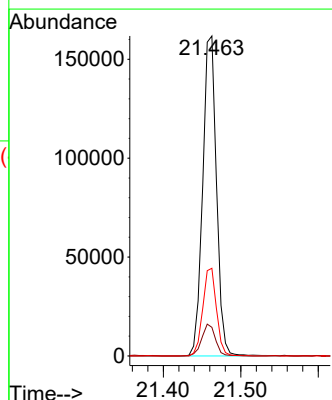
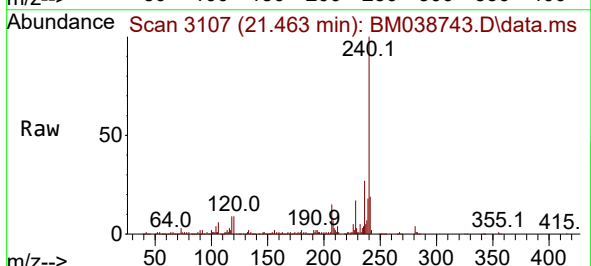
Tgt Ion:240 Resp: 200123

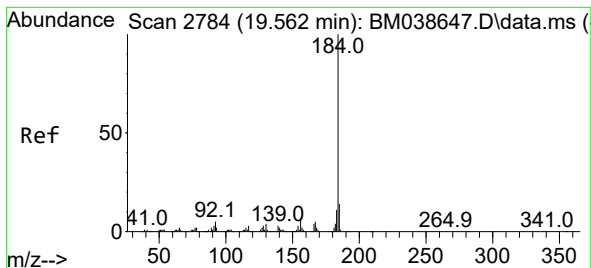
Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.4

236 27.4 20.9 31.3





#77

Benzidine

Concen: 35.357 ng

RT: 19.527 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

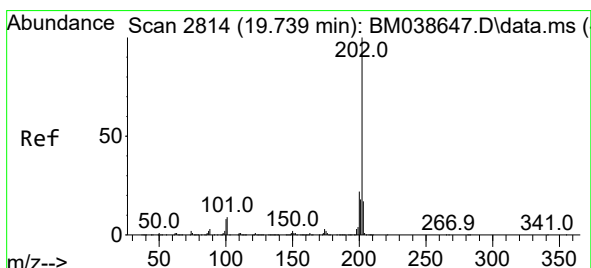
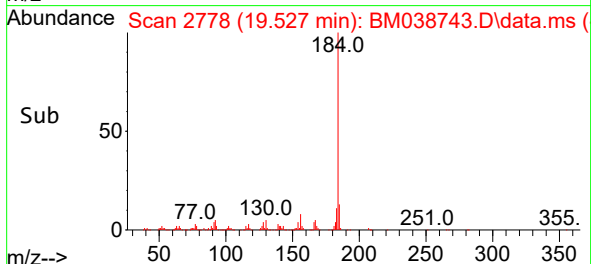
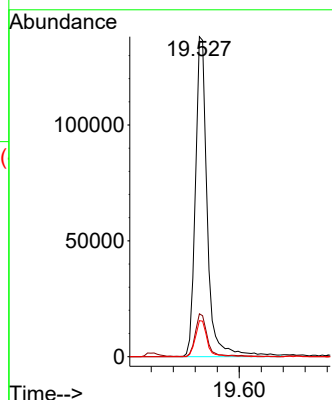
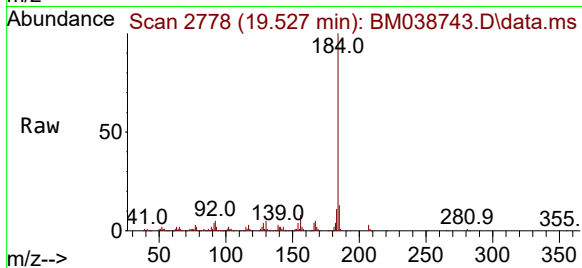
Tgt Ion:184 Resp: 207311

Ion Ratio Lower Upper

184 100

185 13.4 10.8 16.2

183 11.2 8.8 13.2



#78

Pyrene

Concen: 41.390 ng

RT: 19.698 min Scan# 2807

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

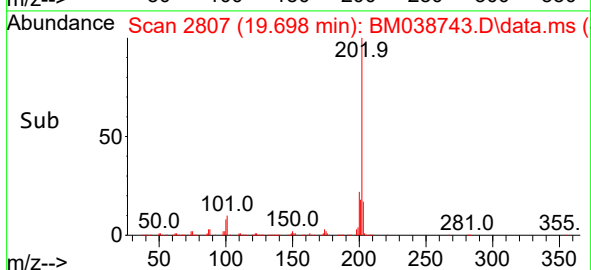
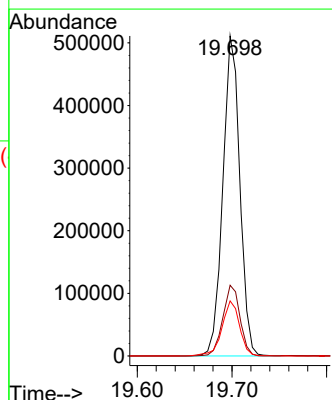
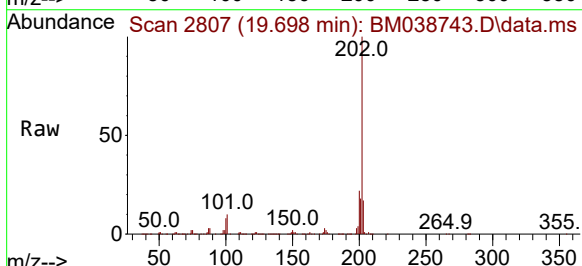
Tgt Ion:202 Resp: 637725

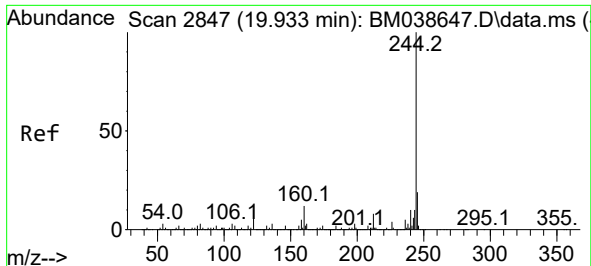
Ion Ratio Lower Upper

202 100

200 22.1 17.8 26.6

203 17.2 13.5 20.3

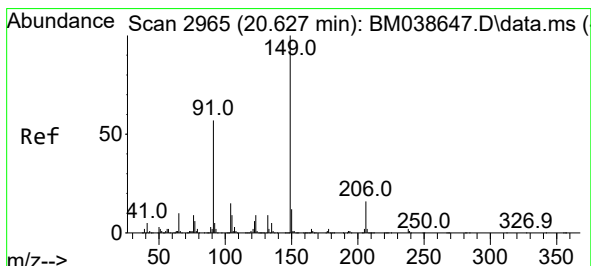
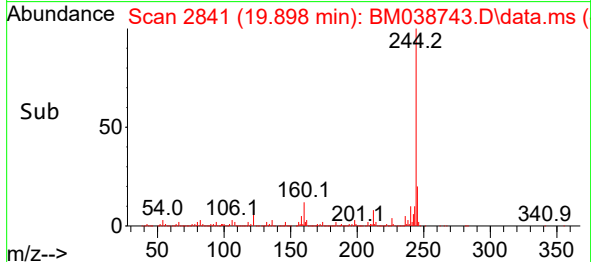
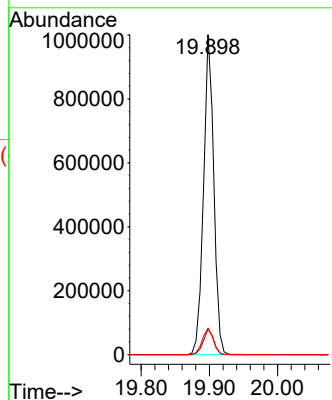
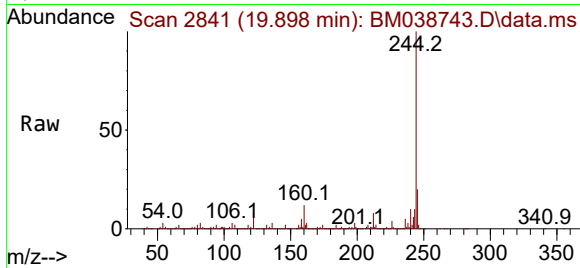




#79
 Terphenyl-d14
 Concen: 92.036 ng
 RT: 19.898 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM038743.D
 Acq: 15 Feb 2023 11:33

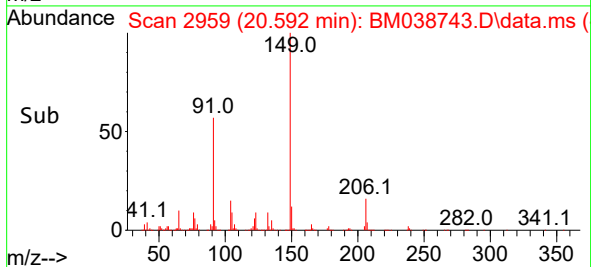
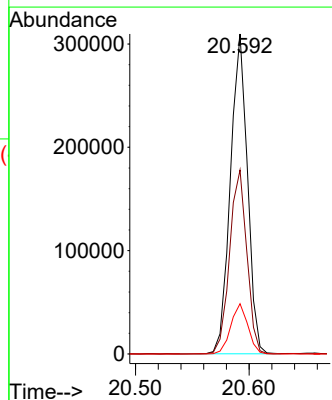
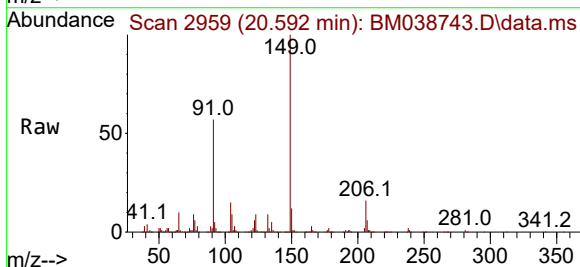
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

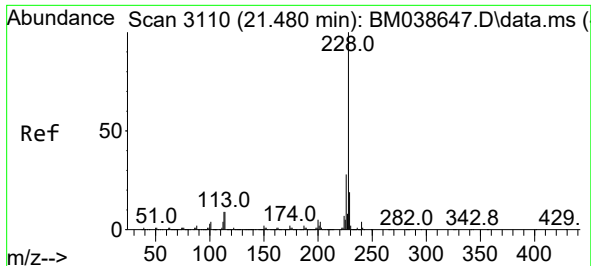
Tgt Ion:244 Resp: 1043735
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 8.3 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 42.188 ng
 RT: 20.592 min Scan# 2959
 Delta R.T. 0.000 min
 Lab File: BM038743.D
 Acq: 15 Feb 2023 11:33

Tgt Ion:149 Resp: 321717
 Ion Ratio Lower Upper
 149 100
 91 57.5 45.6 68.4
 206 15.7 12.5 18.7

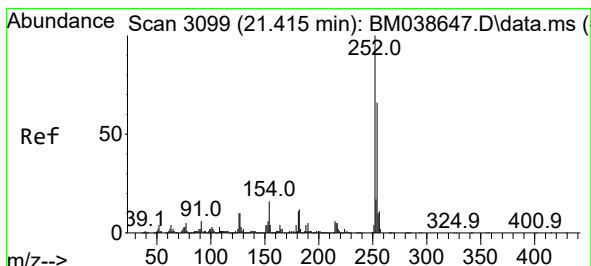
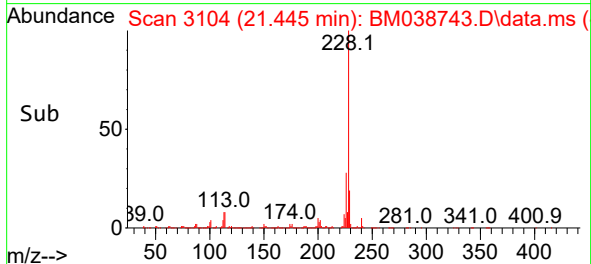
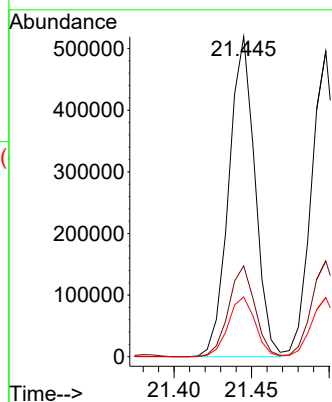
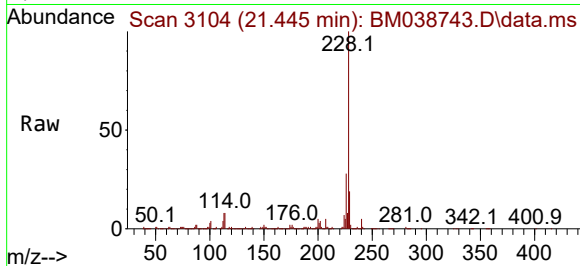




#81
Benzo(a)anthracene
Concen: 42.944 ng
RT: 21.445 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

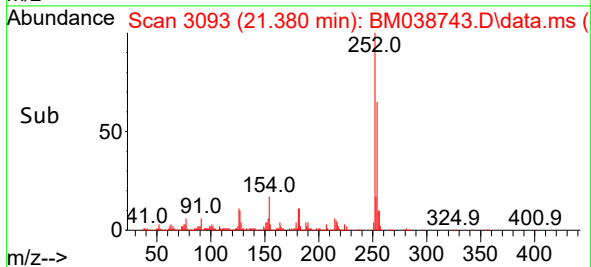
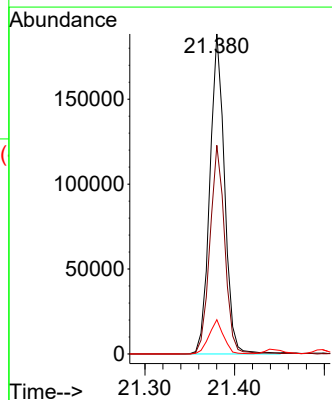
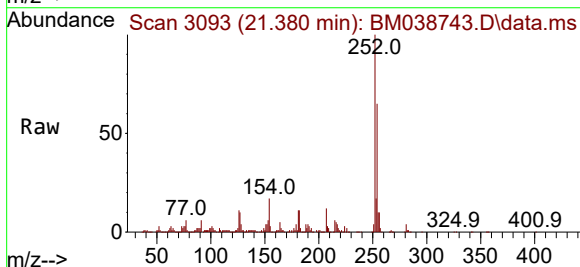
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

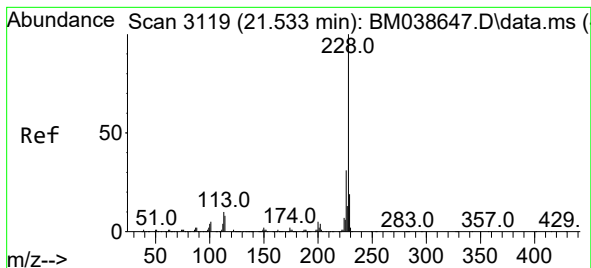
Tgt Ion:228 Resp: 607925
Ion Ratio Lower Upper
228 100
226 28.4 22.2 33.4
229 18.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 44.013 ng
RT: 21.380 min Scan# 3093
Delta R.T. -0.005 min
Lab File: BM038743.D
Acq: 15 Feb 2023 11:33

Tgt Ion:252 Resp: 214351
Ion Ratio Lower Upper
252 100
254 65.2 52.8 79.2
126 10.7 8.2 12.2





#83

Chrysene

Concen: 42.408 ng

RT: 21.498 min Scan# 3119

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

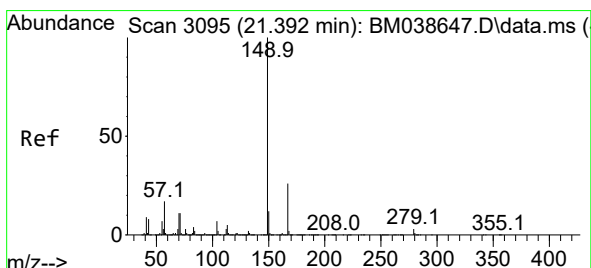
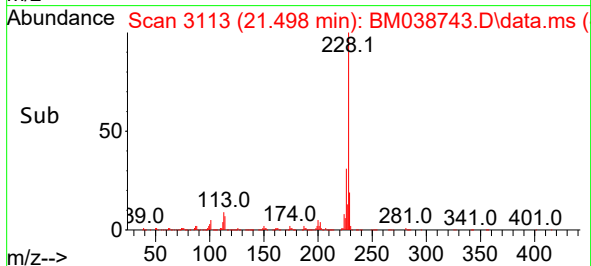
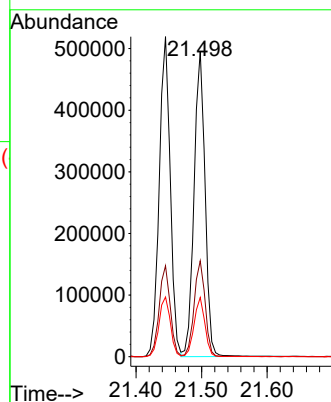
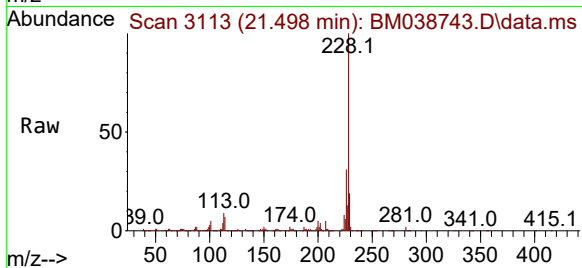
Tgt Ion:228 Resp: 578413

Ion Ratio Lower Upper

228 100

226 31.4 24.7 37.1

229 19.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.851 ng

RT: 21.357 min Scan# 3089

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

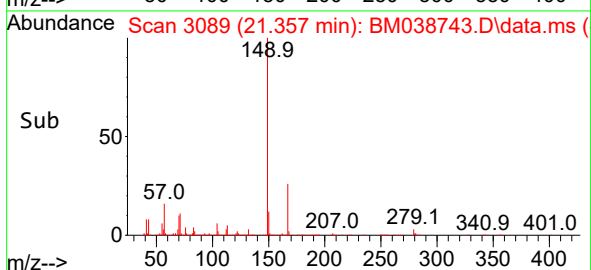
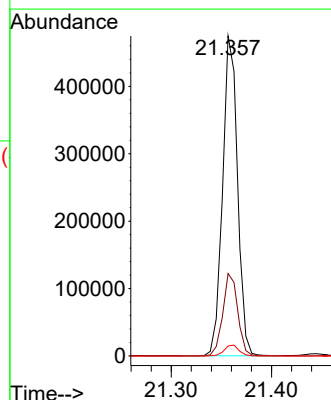
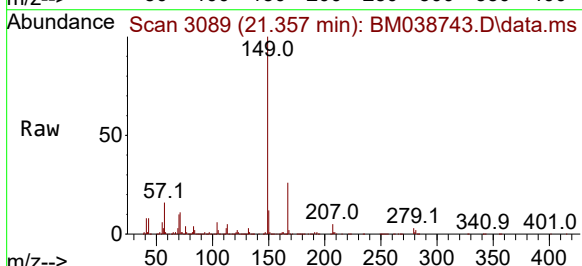
Tgt Ion:149 Resp: 487940

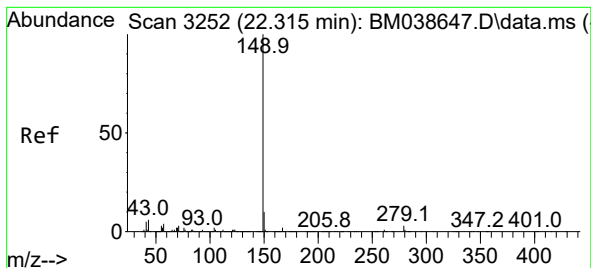
Ion Ratio Lower Upper

149 100

167 25.7 20.8 31.2

279 3.1 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 46.294 ng

RT: 22.274 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

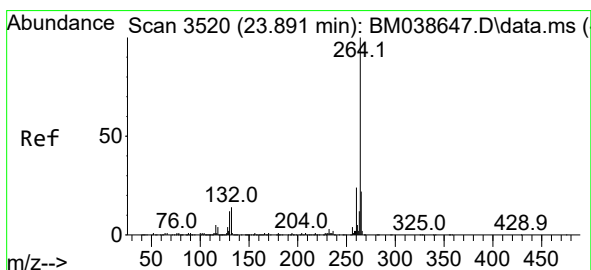
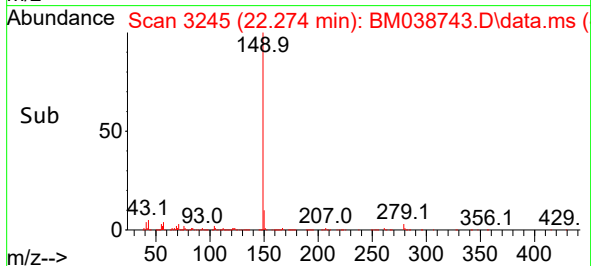
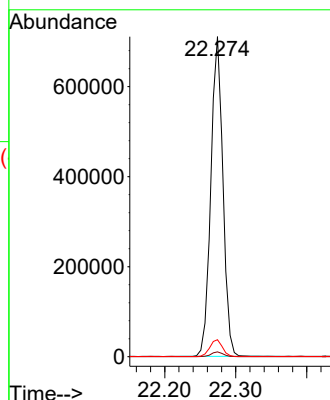
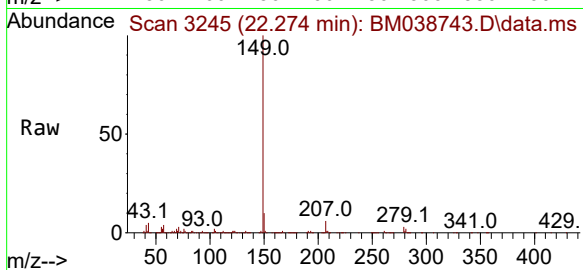
Tgt Ion:149 Resp: 839599

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 5.6 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3510

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

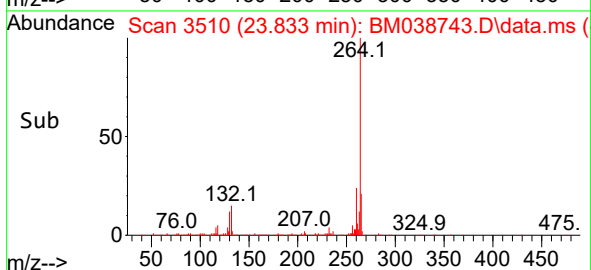
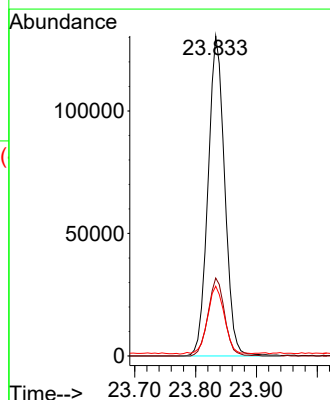
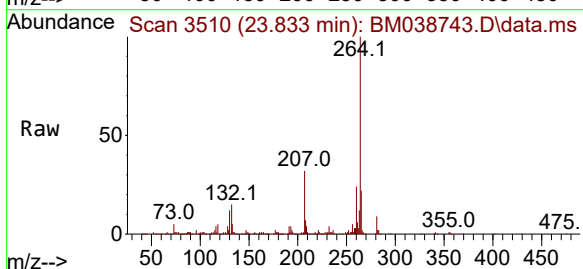
Tgt Ion:264 Resp: 248605

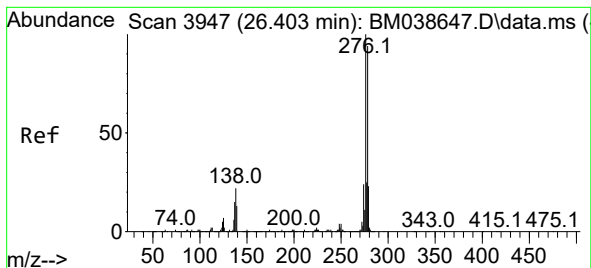
Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 21.8 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.571 ng

RT: 26.309 min Scan# 3931

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

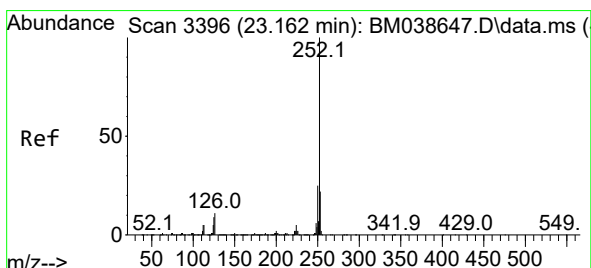
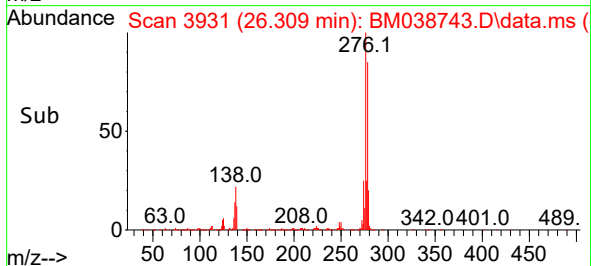
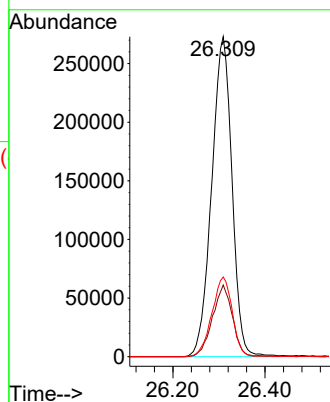
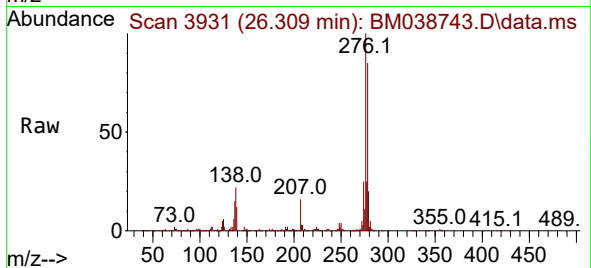
Tgt Ion:276 Resp: 833606

Ion Ratio Lower Upper

276 100

138 22.0 17.2 25.8

277 25.0 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 43.092 ng

RT: 23.110 min Scan# 3387

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

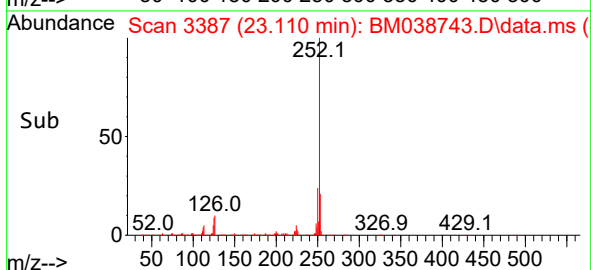
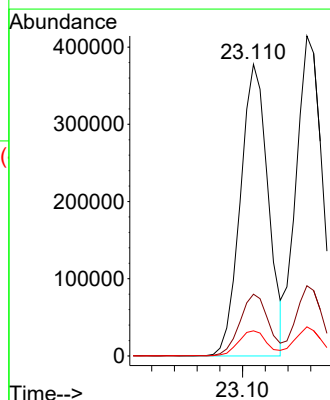
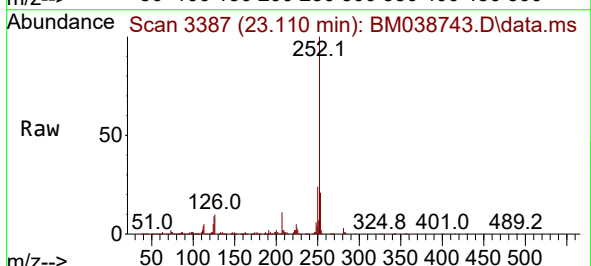
Tgt Ion:252 Resp: 641657

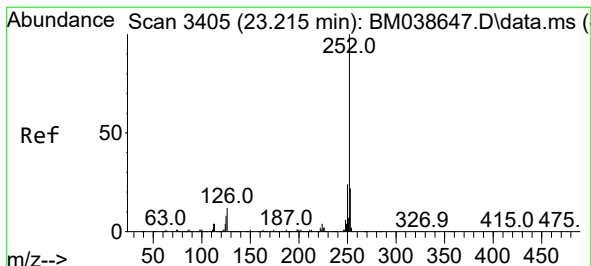
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 8.6 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 43.993 ng

RT: 23.157 min Scan# 31

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

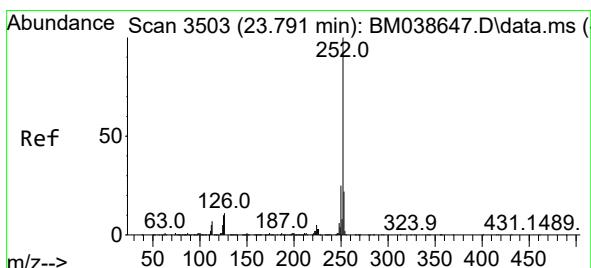
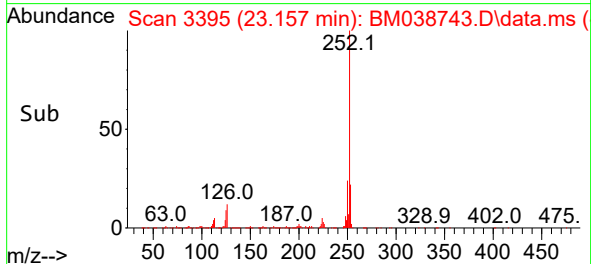
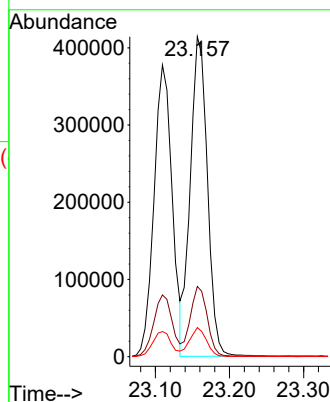
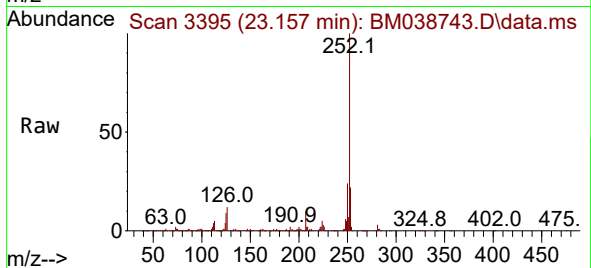
Tgt Ion:252 Resp: 665213

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.1 6.6 9.8



#90

Benzo(a)pyrene

Concen: 42.713 ng

RT: 23.733 min Scan# 3493

Delta R.T. -0.005 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

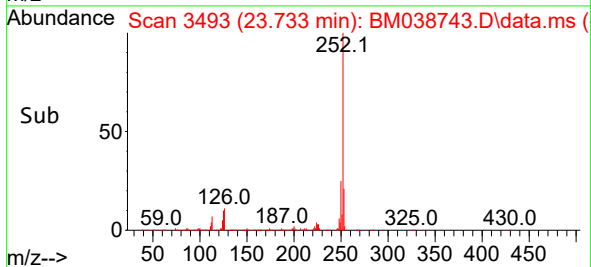
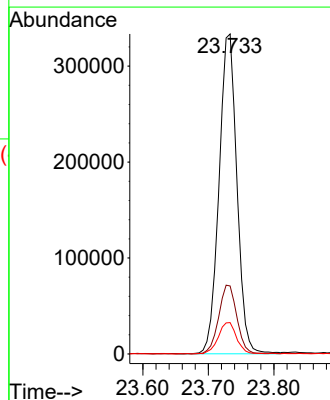
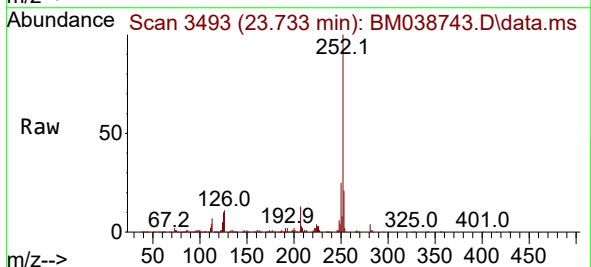
Tgt Ion:252 Resp: 628965

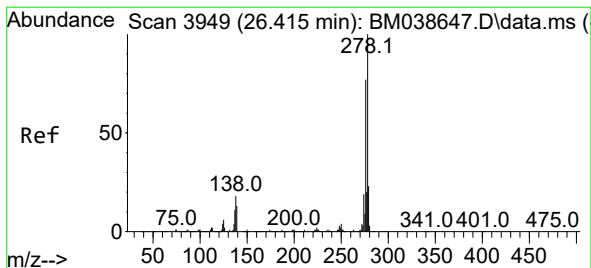
Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

125 9.8 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 42.695 ng

RT: 26.315 min Scan# 3949

Delta R.T. -0.011 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

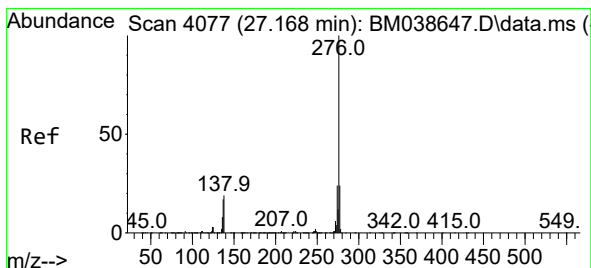
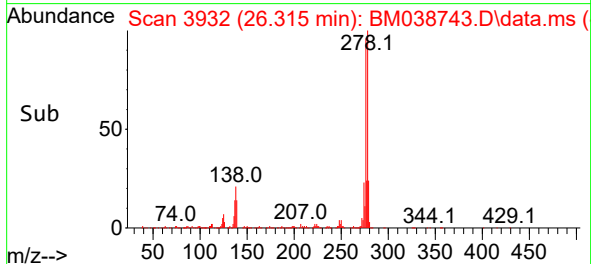
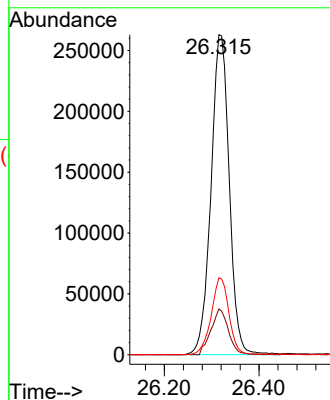
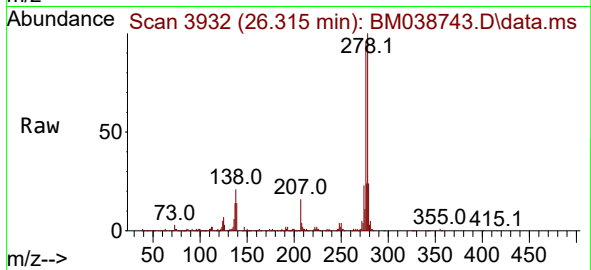
Tgt Ion:278 Resp: 703392

Ion Ratio Lower Upper

278 100

139 14.3 10.5 15.7

279 24.0 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 40.220 ng

RT: 27.068 min Scan# 4060

Delta R.T. -0.011 min

Lab File: BM038743.D

Acq: 15 Feb 2023 11:33

Tgt Ion:276 Resp: 669796

Ion Ratio Lower Upper

276 100

277 24.7 19.1 28.7

138 20.5 15.3 22.9

