

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
 Data File : BM038754.D
 Acq On : 16 Feb 2023 12:38
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 16 13:59:11 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	7.916	152	44626	20.000	ng	0.02
21) Naphthalene-d8	10.728	136	164143	20.000	ng	0.02
39) Acenaphthene-d10	14.563	164	112182	20.000	ng	0.02
64) Phenanthrene-d10	17.304	188	227659	20.000	ng	# 0.02
76) Chrysene-d12	21.486	240	205784	20.000	ng	0.02
86) Perylene-d12	23.868	264	254372	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	191858	84.218	ng	0.00
7) Phenol-d6	7.087	99	232743	89.577	ng	0.00
23) Nitrobenzene-d5	9.092	82	224872	77.815	ng	0.01
42) 2,4,6-Tribromophenol	16.051	330	127132	83.376	ng	0.02
45) 2-Fluorobiphenyl	13.186	172	696494	79.042	ng	0.02
79) Terphenyl-d14	19.921	244	1055888	90.546	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	37442	37.281	ng	96
3) Pyridine	3.722	79	103092	43.168	ng	95
4) n-Nitrosodimethylamine	3.640	42	40950	37.983	ng	85
6) Aniline	7.246	93	145233	44.811	ng	95
8) 2-Chlorophenol	7.475	128	108207	43.530	ng	96
9) Benzaldehyde	7.057	77	45899	40.080	ng	91
10) Phenol	7.116	94	115801	44.117	ng	89
11) bis(2-Chloroethyl)ether	7.346	93	92722	43.619	ng	95
12) 1,3-Dichlorobenzene	7.798	146	131762	41.486	ng	97
13) 1,4-Dichlorobenzene	7.951	146	135404	42.243	ng	99
14) 1,2-Dichlorobenzene	8.263	146	128931	41.987	ng	98
15) Benzyl Alcohol	8.169	79	80895	42.301	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.451	45	78673	39.073	ng	97
17) 2-Methylphenol	8.369	107	91717	45.554	ng	95
18) Hexachloroethane	8.992	117	44783	43.262	ng	96
19) n-Nitroso-di-n-propyla...	8.734	70	70289	44.880	ng	# 92
20) 3+4-Methylphenols	8.704	107	123625	46.053	ng	97
22) Acetophenone	8.751	105	152975	39.079	ng	# 98
24) Nitrobenzene	9.134	77	112882	38.485	ng	94
25) Isophorone	9.657	82	200135	39.534	ng	97
26) 2-Nitrophenol	9.845	139	70411	43.139	ng	97
27) 2,4-Dimethylphenol	9.904	122	98240	41.717	ng	96
28) bis(2-Chloroethoxy)met...	10.145	93	123565	39.940	ng	97
29) 2,4-Dichlorophenol	10.381	162	127191	38.017	ng	98
30) 1,2,4-Trichlorobenzene	10.587	180	123749	34.772	ng	94
31) Naphthalene	10.775	128	348536	41.379	ng	98
32) Benzoic acid	10.063	122	79034	41.460	ng	93
33) 4-Chloroaniline	10.898	127	158032	42.810	ng	94
34) Hexachlorobutadiene	11.045	225	65104	36.518	ng	97
35) Caprolactam	11.704	113	31522	43.748	ng	85
36) 4-Chloro-3-methylphenol	12.028	107	98919	39.985	ng	93
37) 2-Methylnaphthalene	12.386	142	276109	40.564	ng	99
38) 1-Methylnaphthalene	12.604	142	260034	40.542	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	109316	37.443	ng	97
41) Hexachlorocyclopentadiene	12.722	237	64359	35.524	ng	99
43) 2,4,6-Trichlorophenol	12.998	196	90234	39.341	ng	97

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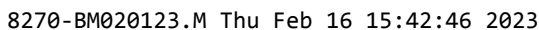
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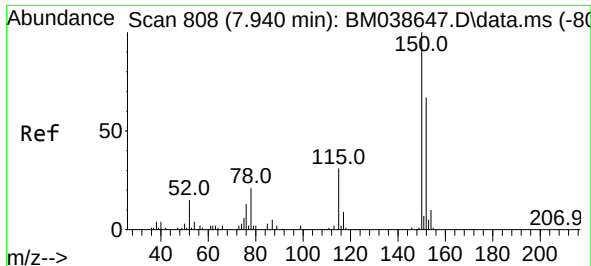
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	103804	38.458	ng	94
46) 1,1'-Biphenyl	13.398	154	366176	41.206	ng	99
47) 2-Chloronaphthalene	13.439	162	279812	40.015	ng	97
48) 2-Nitroaniline	13.657	65	62310	39.869	ng	93
49) Acenaphthylene	14.286	152	473340	42.977	ng	100
50) Dimethylphthalate	14.027	163	379080	41.408	ng	99
51) 2,6-Dinitrotoluene	14.157	165	79966	42.977	ng	96
52) Acenaphthene	14.627	154	273963	41.659	ng	97
53) 3-Nitroaniline	14.486	138	84553	43.574	ng	99
54) 2,4-Dinitrophenol	14.698	184	50600	41.780	ng	93
55) Dibenzofuran	14.957	168	457025	40.357	ng	97
56) 4-Nitrophenol	14.798	139	68133	45.657	ng	93
57) 2,4-Dinitrotoluene	14.939	165	111371	40.817	ng	99
58) Fluorene	15.610	166	368165	41.087	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.186	232	75422	40.149	ng	96
60) Diethylphthalate	15.380	149	384167	44.296	ng	96
61) 4-Chlorophenyl-phenyle...	15.604	204	153241	40.312	ng	98
62) 4-Nitroaniline	15.645	138	81979	41.278	ng	97
63) Azobenzene	15.892	77	295393	44.270	ng	97
65) 4,6-Dinitro-2-methylph...	15.704	198	59968	41.843	ng	95
66) n-Nitrosodiphenylamine	15.821	169	312027	41.976	ng	98
67) 4-Bromophenyl-phenylether	16.492	248	92905	42.264	ng	93
68) Hexachlorobenzene	16.604	284	110698	41.205	ng	# 91
69) Atrazine	16.774	200	93548	43.420	ng	98
70) Pentachlorophenol	16.957	266	79157	40.420	ng	98
71) Phenanthrene	17.345	178	565970	41.869	ng	99
72) Anthracene	17.439	178	585582	42.345	ng	99
73) Carbazole	17.715	167	558842	43.331	ng	99
74) Di-n-butylphthalate	18.268	149	709490	48.691	ng	100
75) Fluoranthene	19.362	202	615883	43.394	ng	98
77) Benzidine	19.551	184	218327	36.136	ng	99
78) Pyrene	19.721	202	653611	41.254	ng	100
80) Butylbenzylphthalate	20.615	149	338703	43.147	ng	100
81) Benzo(a)anthracene	21.468	228	617540	42.424	ng	98
82) 3,3'-Dichlorobenzidine	21.403	252	214963	42.924	ng	99
83) Chrysene	21.521	228	586156	41.793	ng	99
84) Bis(2-ethylhexyl)phtha...	21.380	149	510615	44.600	ng	97
85) Di-n-octyl phthalate	22.298	149	874528	46.894	ng	100
87) Indeno(1,2,3-cd)pyrene	26.362	276	856779	42.762	ng	98
88) Benzo(b)fluoranthene	23.139	252	652286	42.813	ng	99
89) Benzo(k)fluoranthene	23.186	252	675167	43.639	ng	98
90) Benzo(a)pyrene	23.762	252	644780	42.794	ng	98
91) Dibenzo(a,h)anthracene	26.368	278	717131	42.542	ng	99
92) Benzo(g,h,i)perylene	27.127	276	693636	40.707	ng	99

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

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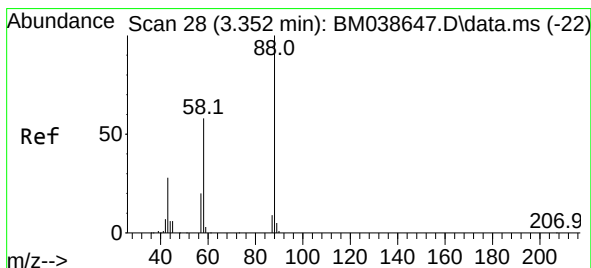
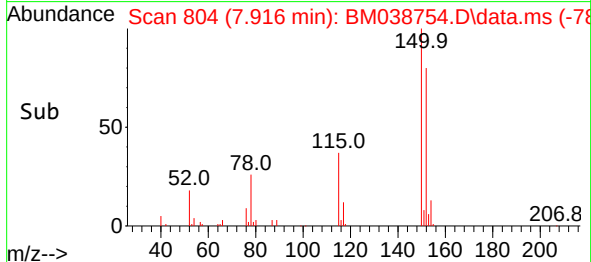
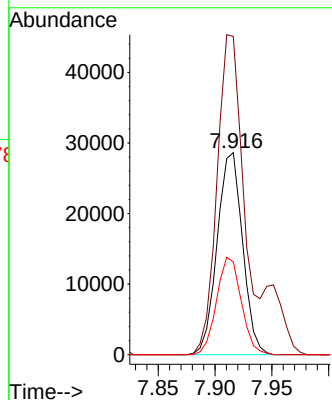
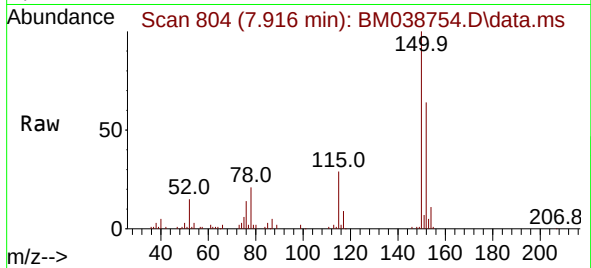




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 80
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

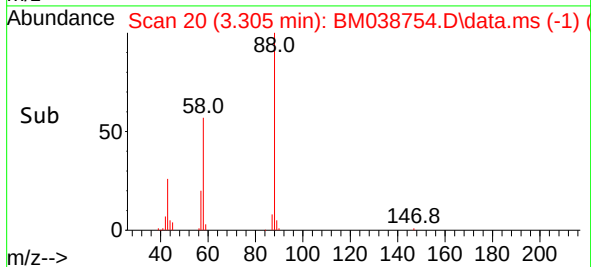
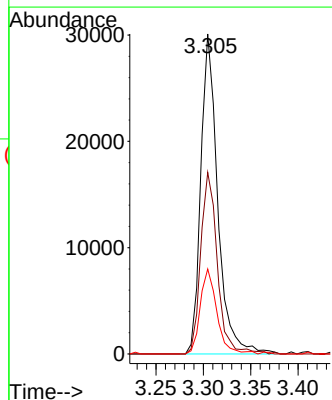
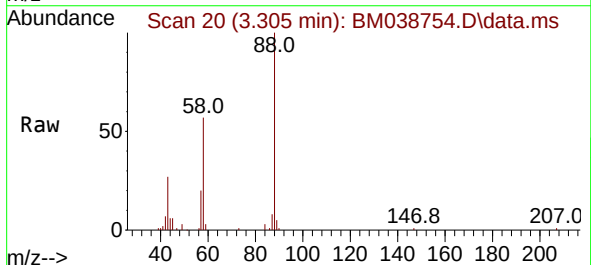
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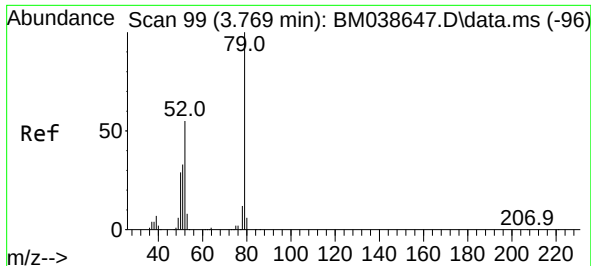
Tgt Ion:152 Resp: 44626
Ion Ratio Lower Upper
152 100
150 157.5 119.5 179.3
115 45.9 37.6 56.4



#2
1,4-Dioxane
Concen: 37.281 ng
RT: 3.305 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion: 88 Resp: 37442
Ion Ratio Lower Upper
88 100
58 55.9 47.0 70.4
43 26.0 22.6 33.8

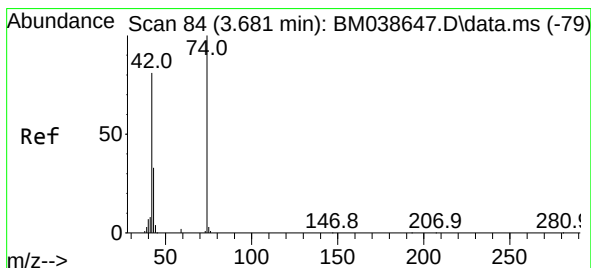
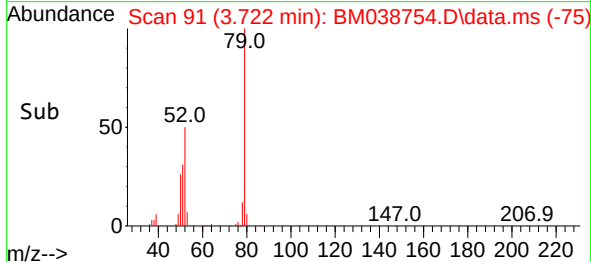
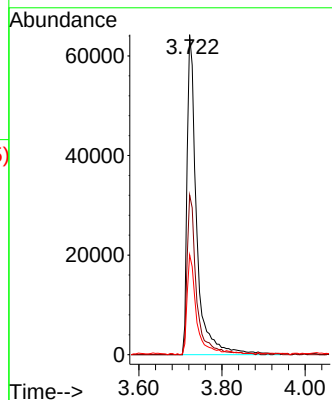
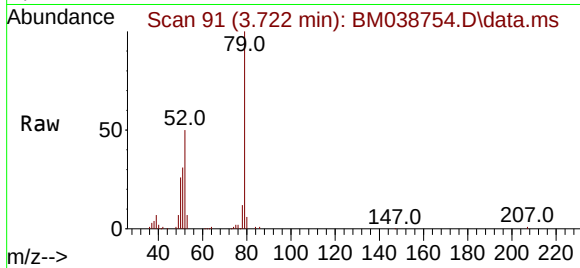




#3
 Pyridine
 Concen: 43.168 ng
 RT: 3.722 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BM038754.D
 Acq: 16 Feb 2023 12:38

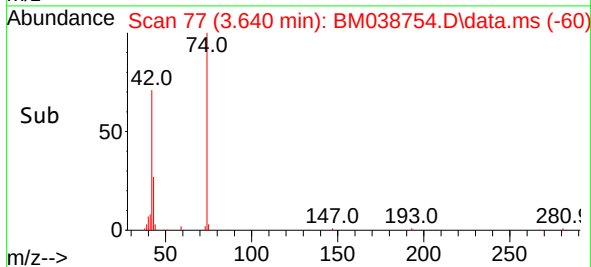
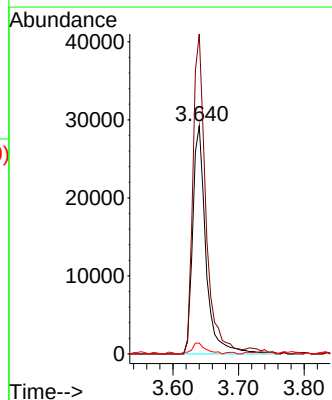
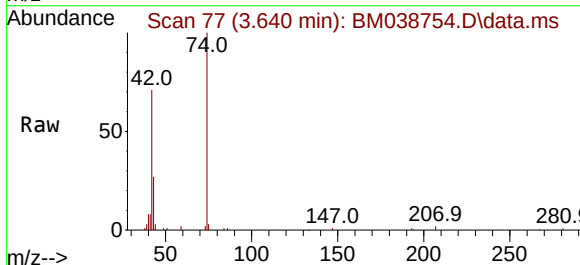
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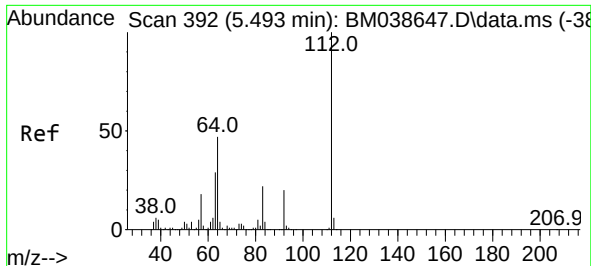
Tgt Ion: 79 Resp: 103092
 Ion Ratio Lower Upper
 79 100
 52 49.9 43.7 65.5
 51 31.2 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 37.983 ng
 RT: 3.640 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: BM038754.D
 Acq: 16 Feb 2023 12:38

Tgt Ion: 42 Resp: 40950
 Ion Ratio Lower Upper
 42 100
 74 140.2 98.4 147.6
 44 4.8 3.5 5.3

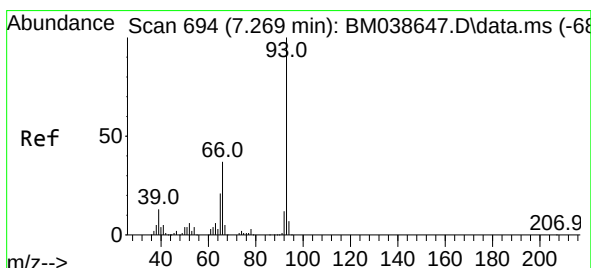
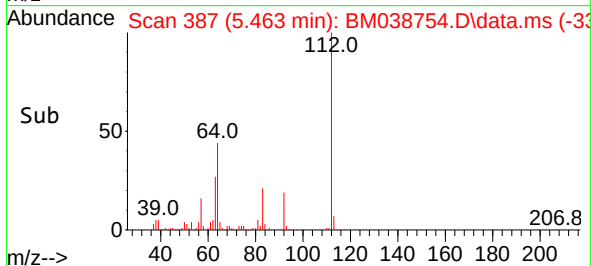
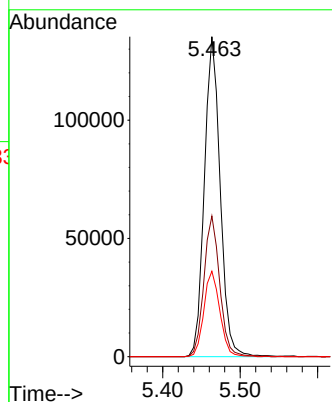
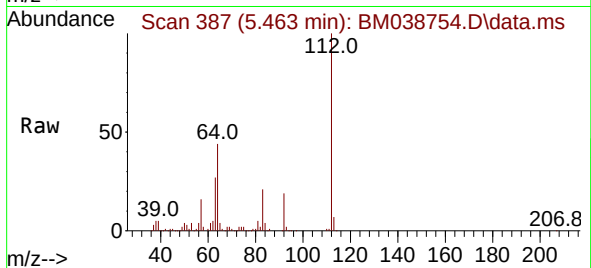




#5
2-Fluorophenol
Concen: 84.218 ng
RT: 5.463 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

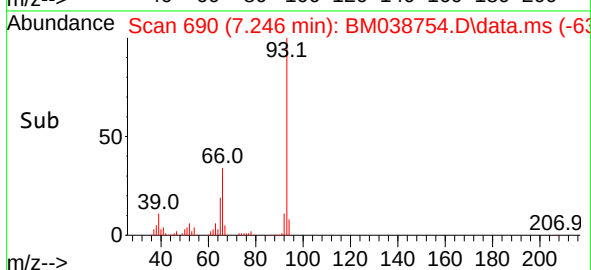
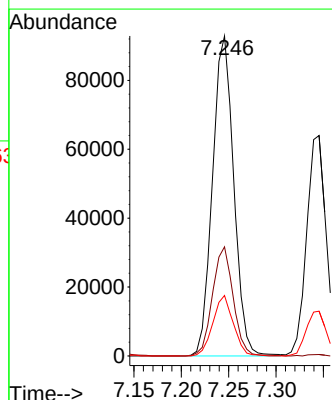
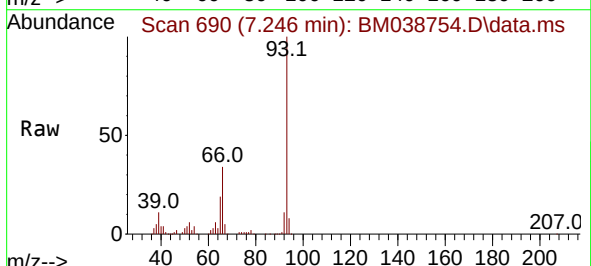
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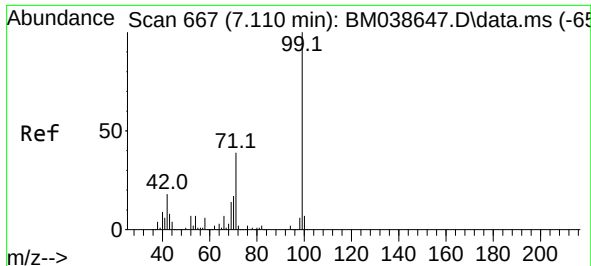
Tgt Ion:112 Resp: 191858
Ion Ratio Lower Upper
112 100
64 44.0 37.9 56.9
63 26.7 23.3 34.9



#6
Aniline
Concen: 44.811 ng
RT: 7.246 min Scan# 690
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion: 93 Resp: 145233
Ion Ratio Lower Upper
93 100
66 34.1 29.8 44.8
65 18.9 16.9 25.3

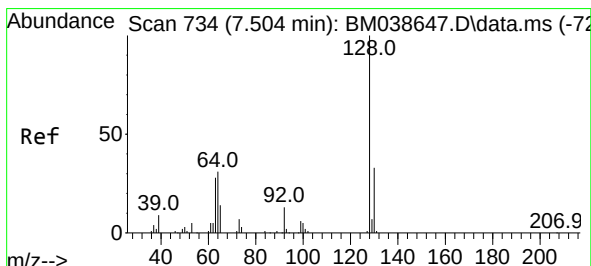
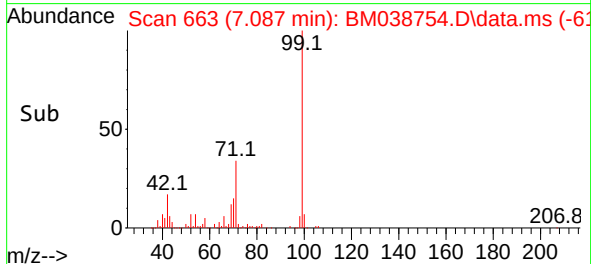
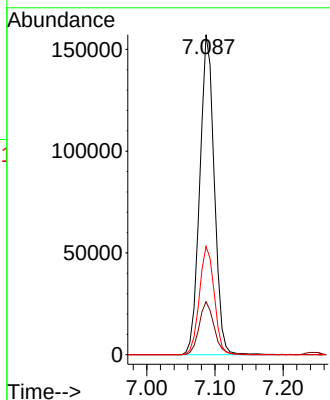
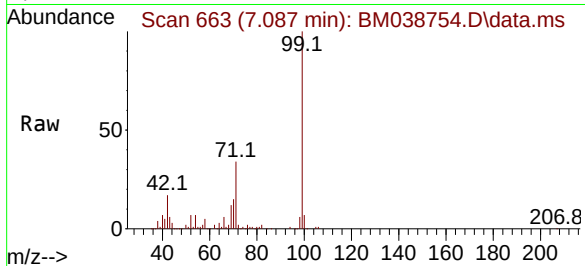




#7
Phenol-d6
Concen: 89.577 ng
RT: 7.087 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

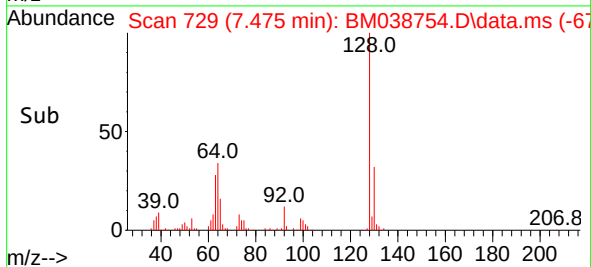
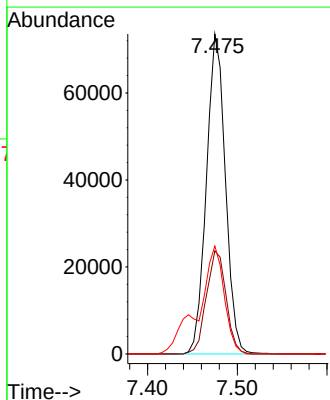
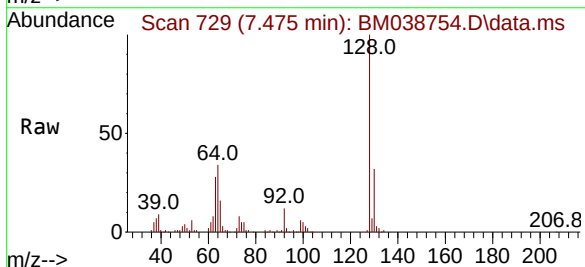
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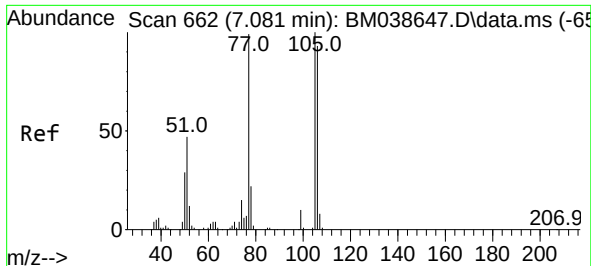
Tgt Ion: 99 Resp: 232743
Ion Ratio Lower Upper
99 100
42 16.6 14.6 22.0
71 33.8 31.0 46.4



#8
2-Chlorophenol
Concen: 43.530 ng
RT: 7.475 min Scan# 729
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion: 128 Resp: 108207
Ion Ratio Lower Upper
128 100
130 32.2 13.2 53.2
64 33.8 17.3 57.3

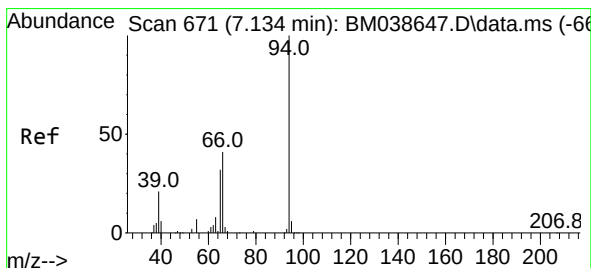
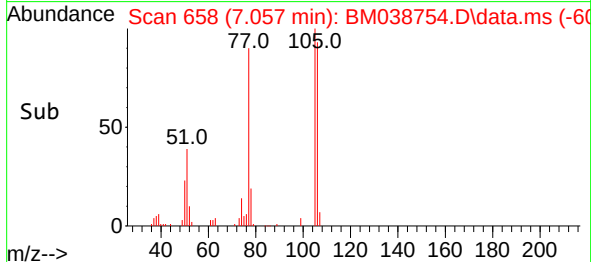
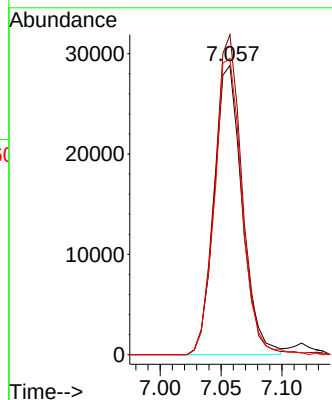
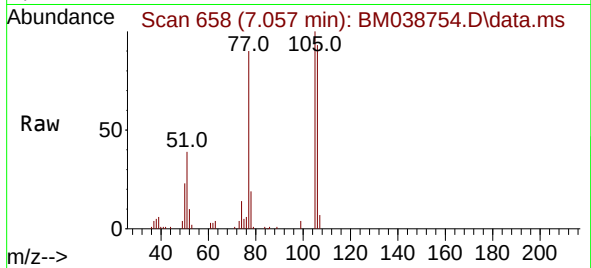




#9
Benzaldehyde
Concen: 40.080 ng
RT: 7.057 min Scan# 662
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

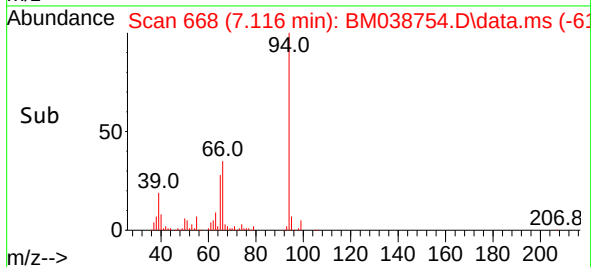
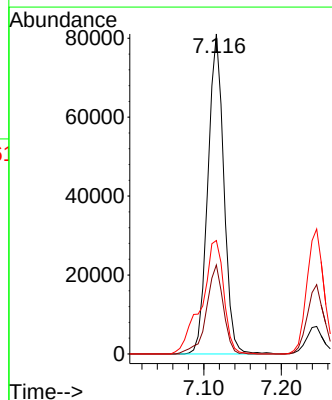
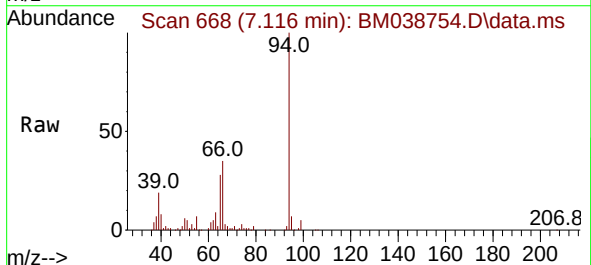
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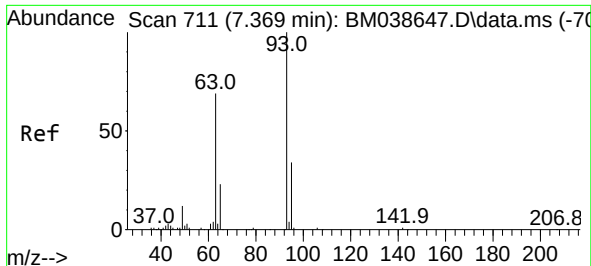
Tgt Ion: 77 Resp: 45899
Ion Ratio Lower Upper
77 100
105 110.7 80.8 120.8
106 102.5 73.8 113.8



#10
Phenol
Concen: 44.117 ng
RT: 7.116 min Scan# 668
Delta R.T. 0.012 min
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Tgt Ion: 94 Resp: 115801
Ion Ratio Lower Upper
94 100
65 27.8 12.3 52.3
66 35.5 24.2 64.2

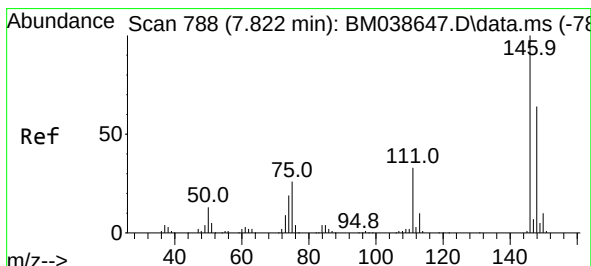
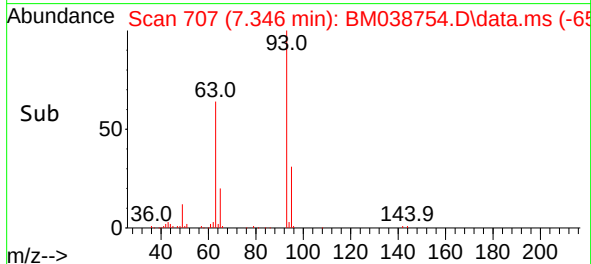
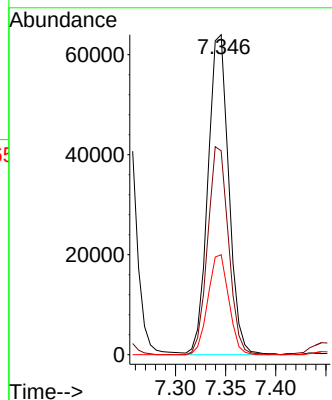
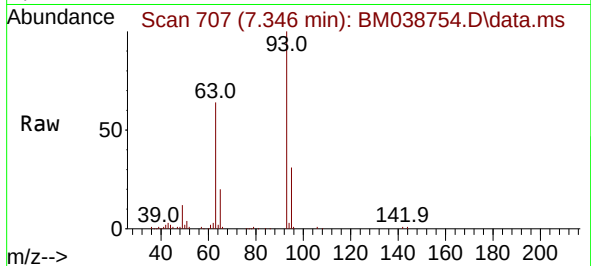




#11
bis(2-Chloroethyl)ether
Concen: 43.619 ng
RT: 7.346 min Scan# 707
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

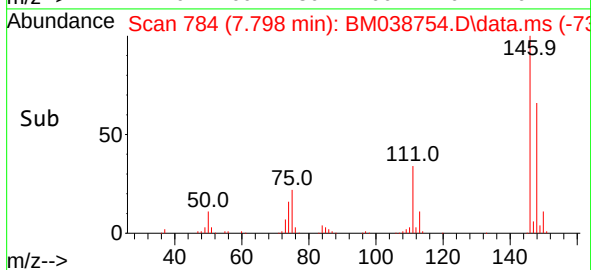
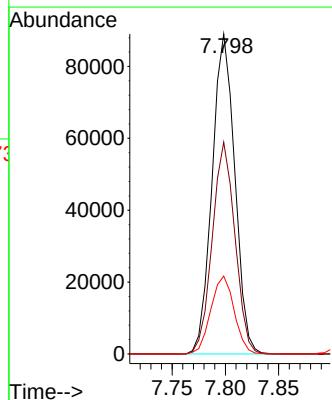
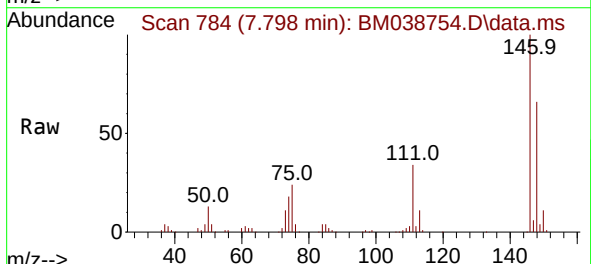
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

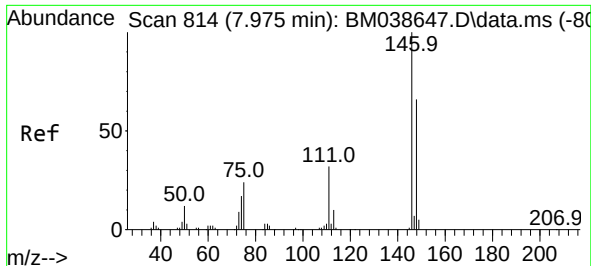
Tgt Ion: 93 Resp: 92722
Ion Ratio Lower Upper
93 100
63 63.7 48.5 88.5
95 31.3 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 41.486 ng
RT: 7.798 min Scan# 784
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:146 Resp: 131762
Ion Ratio Lower Upper
146 100
148 66.2 51.5 77.3
75 24.4 21.1 31.7

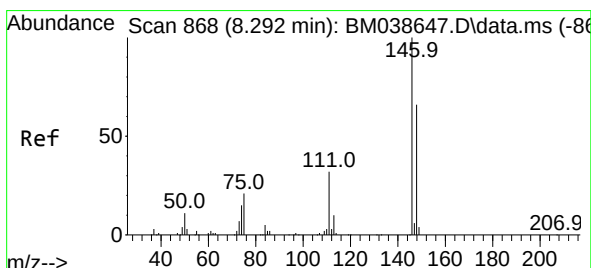
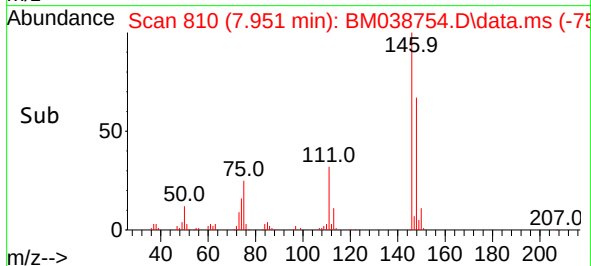
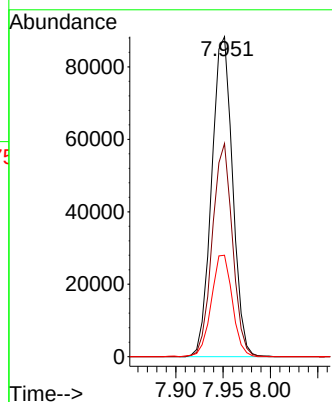
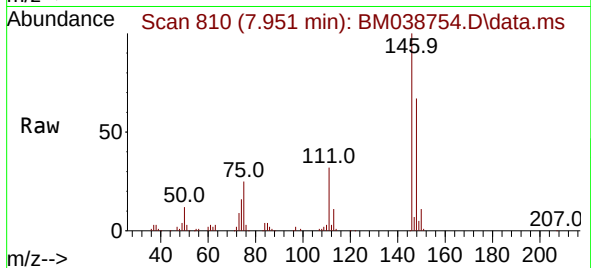




#13
1,4-Dichlorobenzene
Concen: 42.243 ng
RT: 7.951 min Scan# 814
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

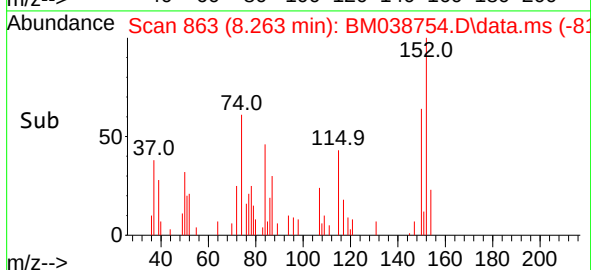
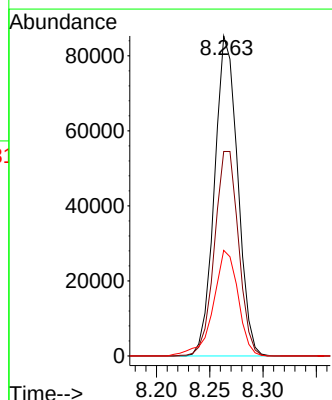
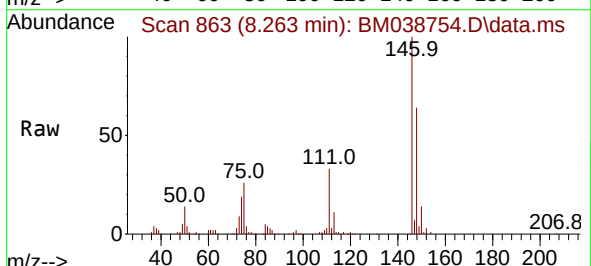
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

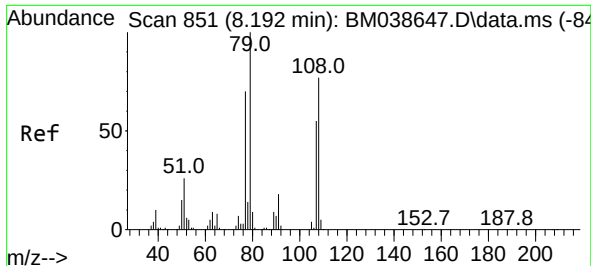
Tgt Ion:146 Resp: 135404
Ion Ratio Lower Upper
146 100
148 66.6 53.1 79.7
111 31.7 25.9 38.9



#14
1,2-Dichlorobenzene
Concen: 41.987 ng
RT: 8.263 min Scan# 863
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:146 Resp: 128931
Ion Ratio Lower Upper
146 100
148 63.9 52.9 79.3
111 33.0 26.2 39.2

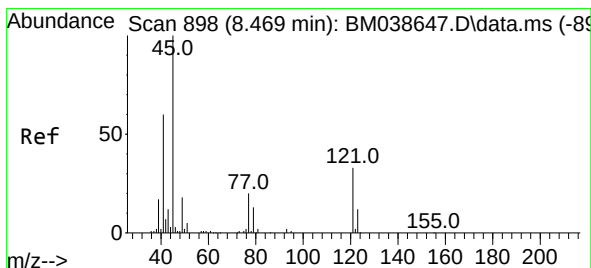
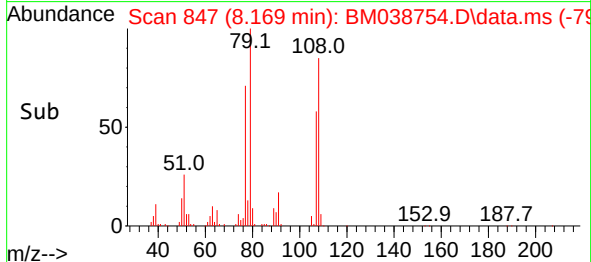
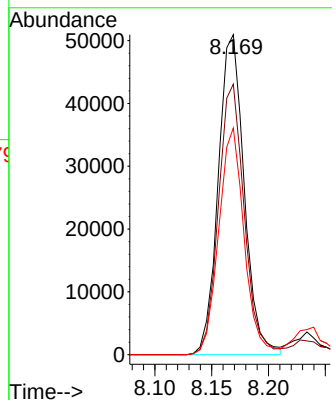
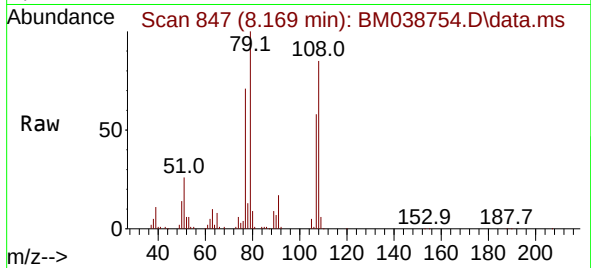




#15
Benzyl Alcohol
Concen: 42.301 ng
RT: 8.169 min Scan# 84
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

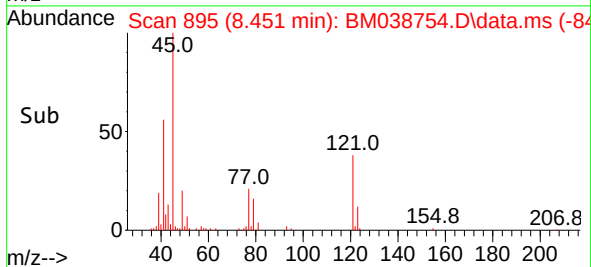
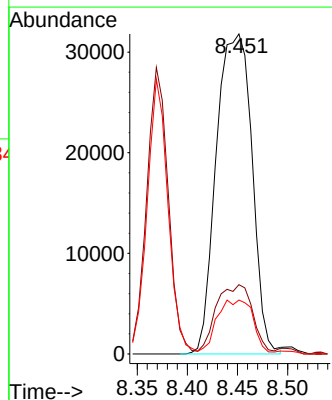
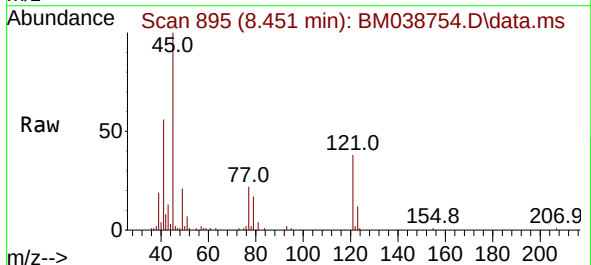
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

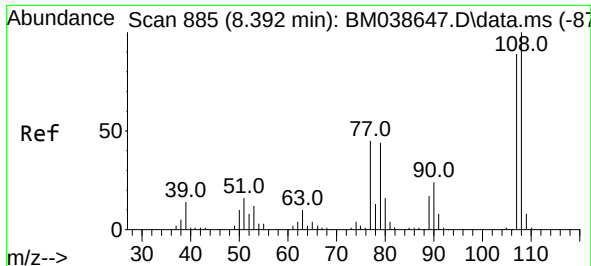
Tgt Ion: 79 Resp: 80895
Ion Ratio Lower Upper
79 100
108 84.5 61.9 92.9
77 70.8 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.073 ng
RT: 8.451 min Scan# 895
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion: 45 Resp: 78673
Ion Ratio Lower Upper
45 100
77 21.7 1.1 41.1
79 16.9 0.0 34.6

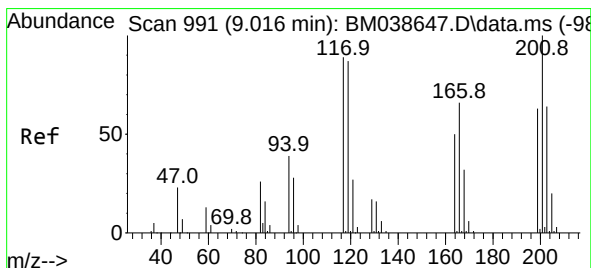
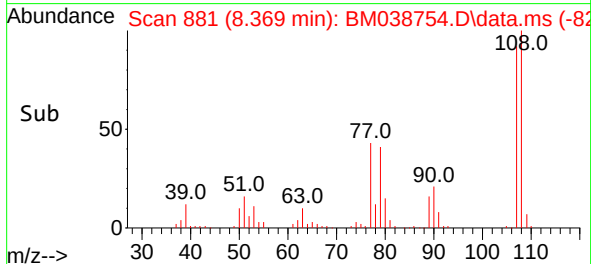
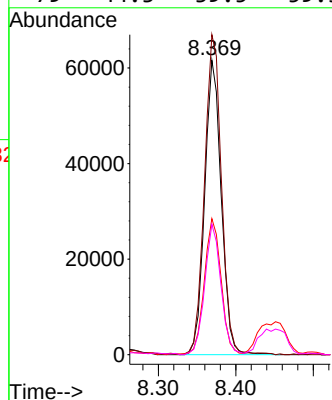
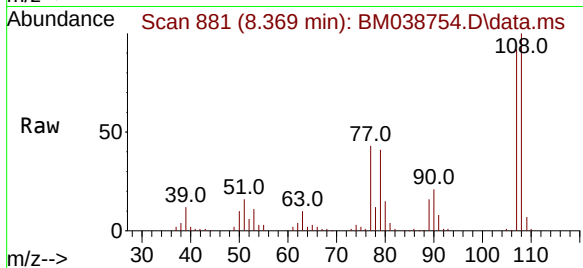




#17
2-Methylphenol
Concen: 45.554 ng
RT: 8.369 min Scan# 81
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

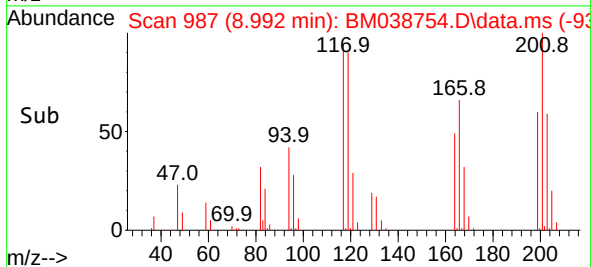
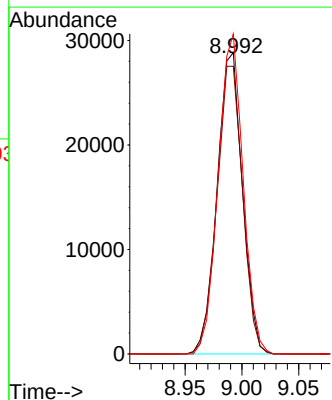
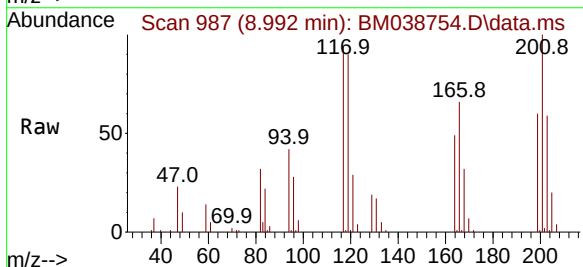
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

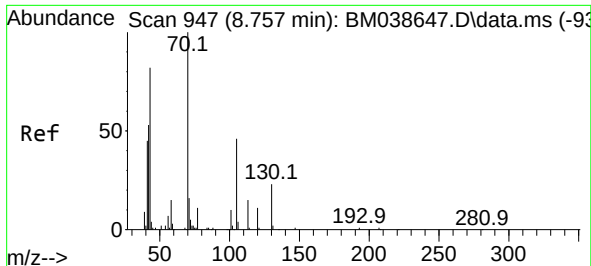
Tgt Ion:	107	Resp:	91717
Ion	Ratio	Lower	Upper
107	100		
108	108.7	89.6	134.4
77	46.2	40.7	61.1
79	44.3	39.5	59.3



#18
Hexachloroethane
Concen: 43.262 ng
RT: 8.992 min Scan# 987
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:	117	Resp:	44783
Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.6	117.8
201	108.1	90.2	135.2

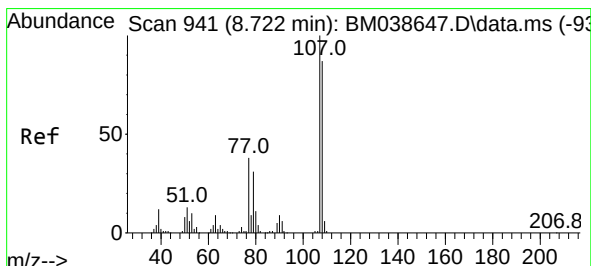
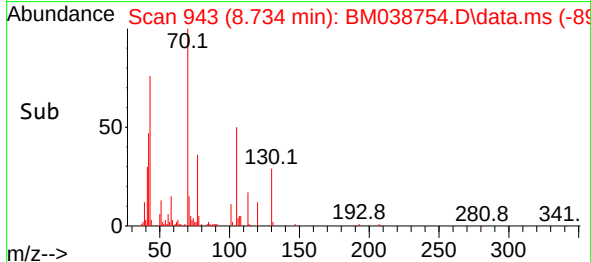
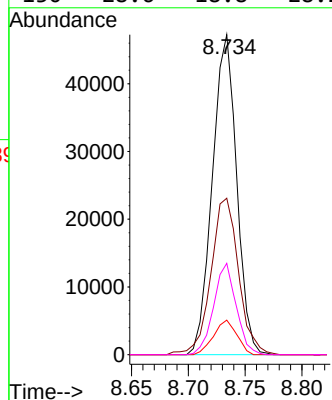
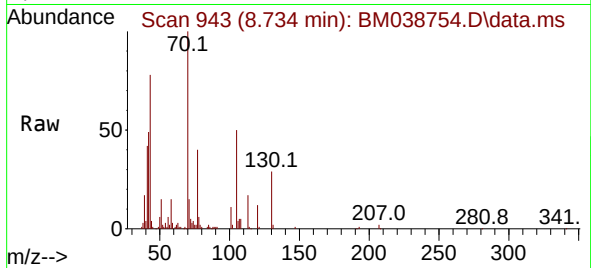




#19
n-Nitroso-di-n-propylamine
Concen: 44.880 ng
RT: 8.734 min Scan# 947
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

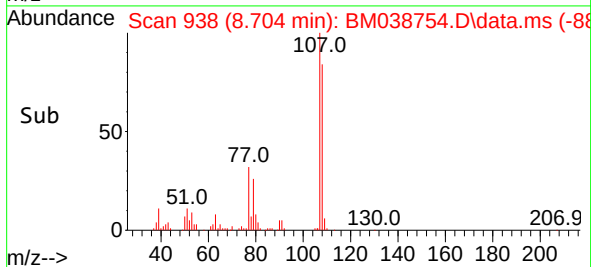
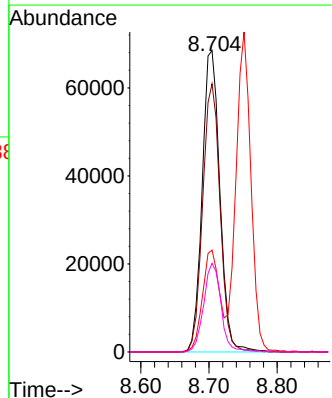
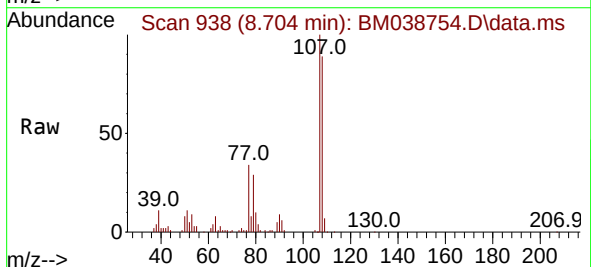
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

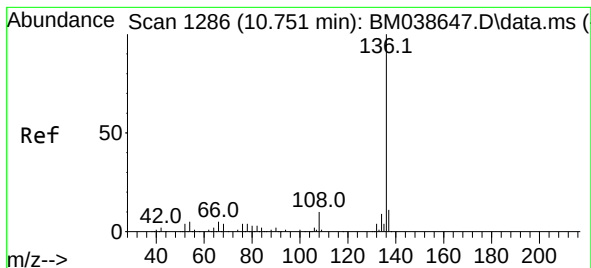
Tgt Ion: 70 Resp: 70289
Ion Ratio Lower Upper
70 100
42 48.9 43.4 65.2
101 10.8 8.2 12.2
130 28.6 18.8 28.2#



#20
3+4-Methylphenols
Concen: 46.053 ng
RT: 8.704 min Scan# 938
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion: 107 Resp: 123625
Ion Ratio Lower Upper
107 100
108 89.0 67.2 107.2
77 33.8 17.5 57.5
79 29.4 10.8 50.8

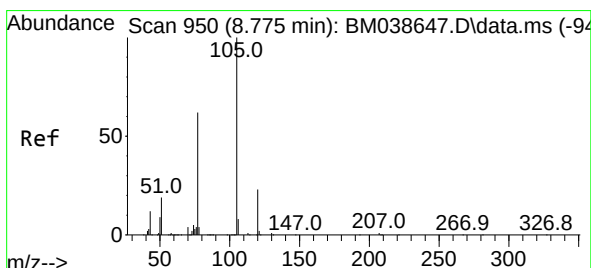
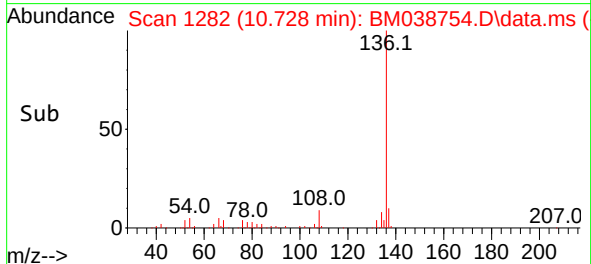
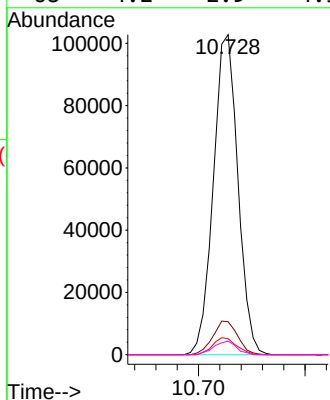
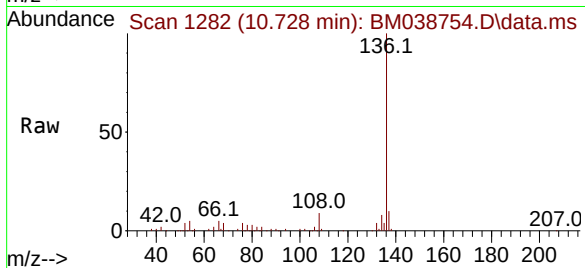




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

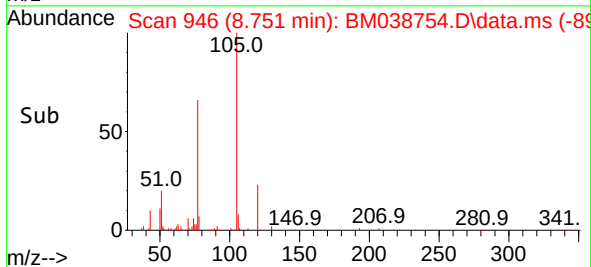
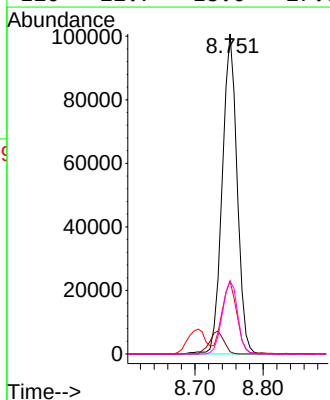
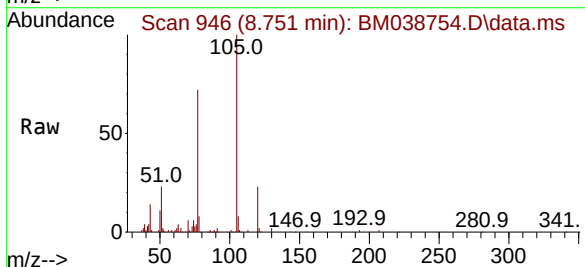
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

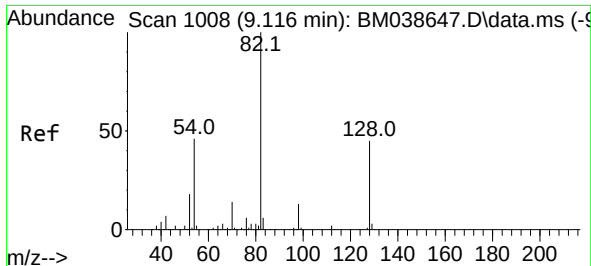
Tgt Ion:136 Resp: 164143
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 5.0 4.2 6.4
68 4.2 2.9 4.3



#22
Acetophenone
Concen: 39.079 ng
RT: 8.751 min Scan# 946
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:105 Resp: 152975
Ion Ratio Lower Upper
105 100
71 0.7 0.9 1.3#
51 22.8 19.3 28.9
120 22.7 18.0 27.0

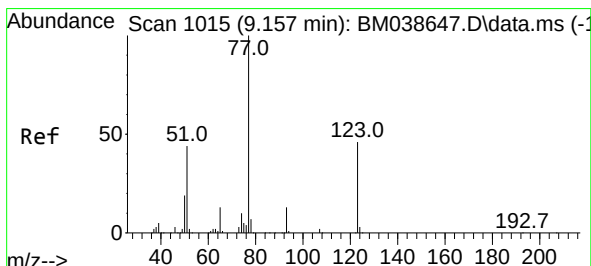
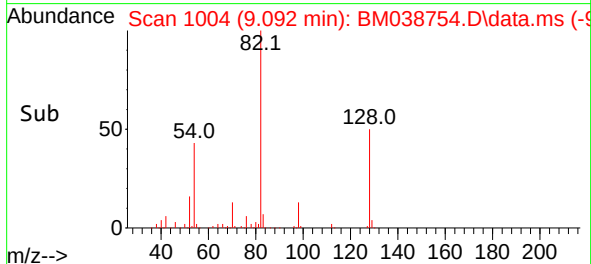
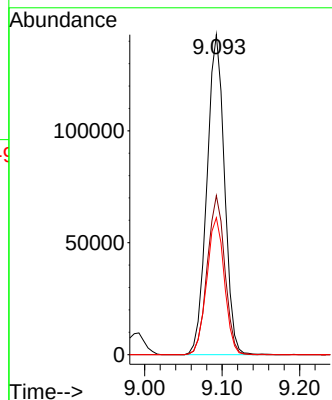
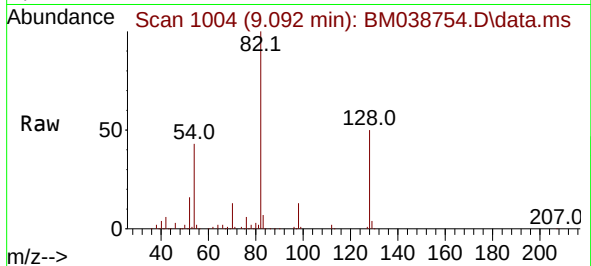




#23
Nitrobenzene-d5
Concen: 77.815 ng
RT: 9.092 min Scan# 1008
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

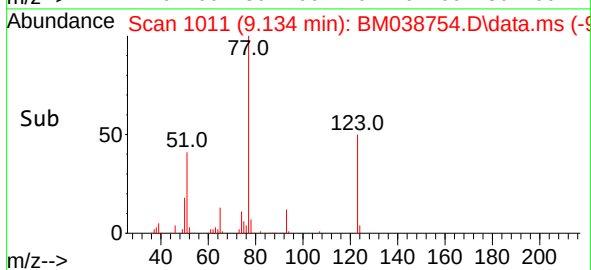
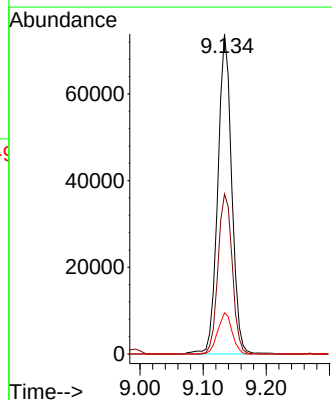
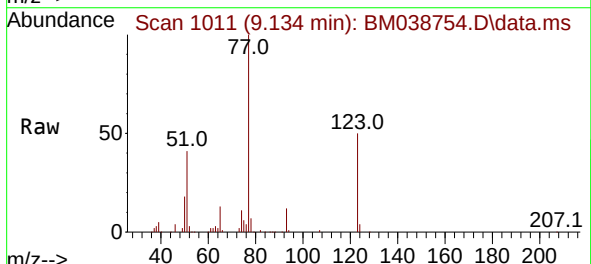
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

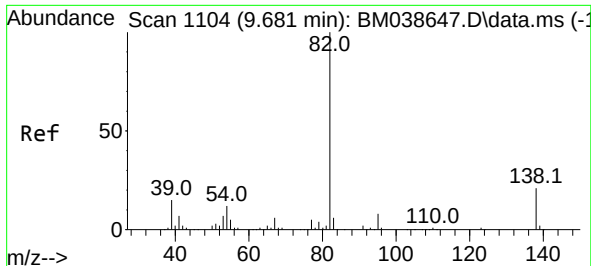
Tgt Ion: 82 Resp: 224872
Ion Ratio Lower Upper
82 100
128 49.7 36.0 54.0
54 42.8 36.8 55.2



#24
Nitrobenzene
Concen: 38.485 ng
RT: 9.134 min Scan# 1011
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion: 77 Resp: 112882
Ion Ratio Lower Upper
77 100
123 50.0 36.5 54.7
65 12.8 10.7 16.1

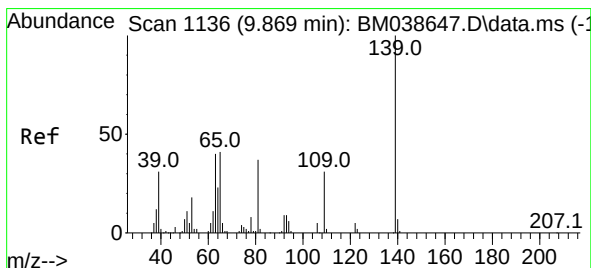
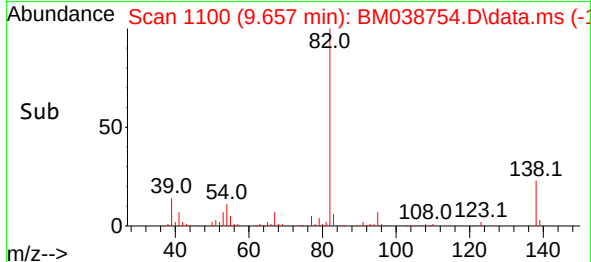
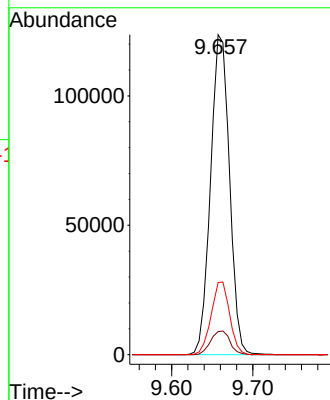
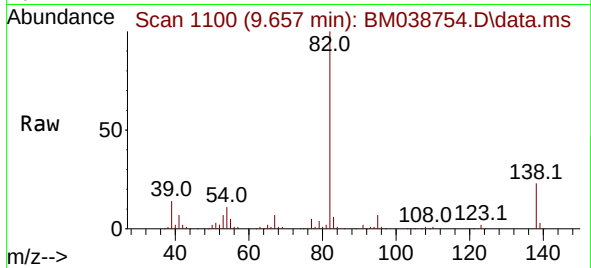




#25
Isophorone
Concen: 39.534 ng
RT: 9.657 min Scan# 1100
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

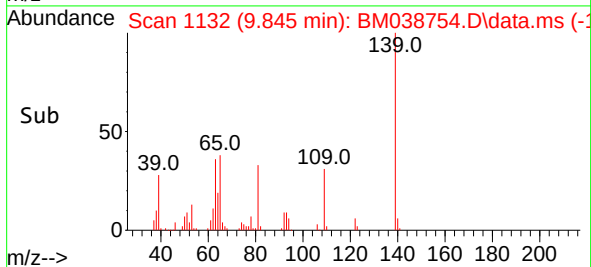
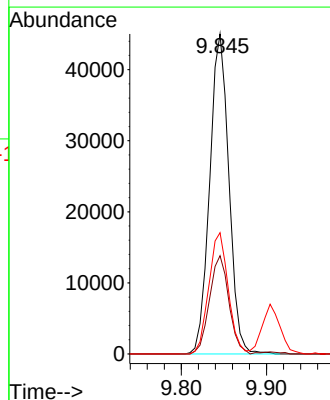
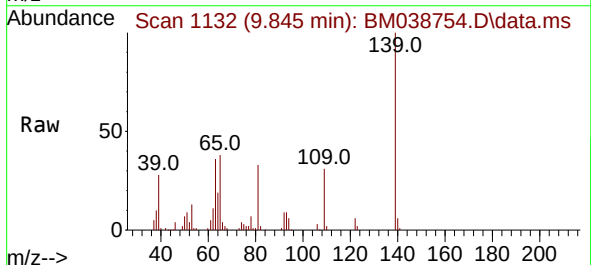
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

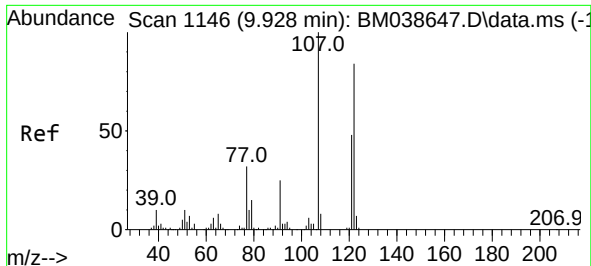
Tgt Ion: 82 Resp: 200135
Ion Ratio Lower Upper
82 100
95 7.2 6.4 9.6
138 22.6 17.0 25.6



#26
2-Nitrophenol
Concen: 43.139 ng
RT: 9.845 min Scan# 1132
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:139 Resp: 70411
Ion Ratio Lower Upper
139 100
109 30.7 24.5 36.7
65 37.9 32.6 49.0





#27

2,4-Dimethylphenol

Concen: 41.717 ng

RT: 9.904 min Scan# 1142

Delta R.T. 0.012 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

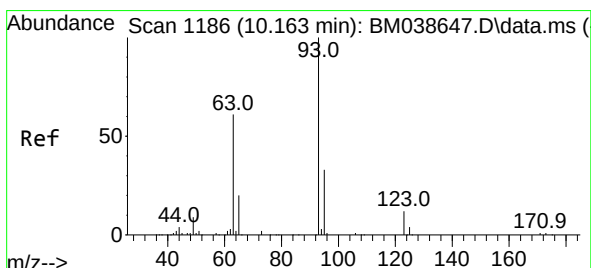
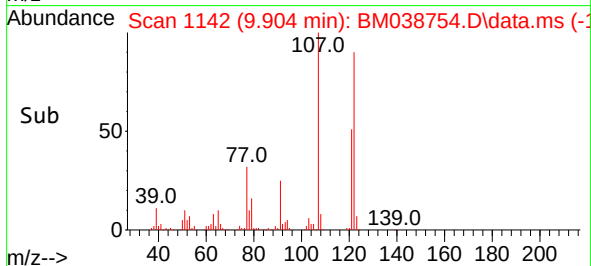
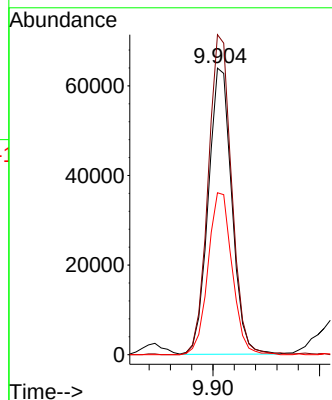
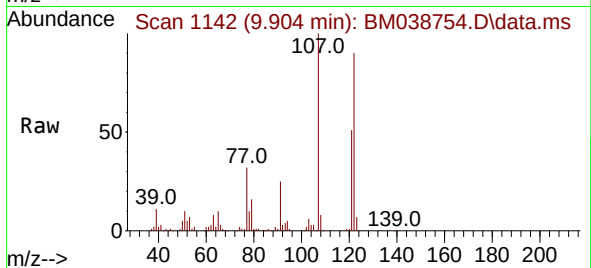
Tgt Ion:122 Resp: 98240

Ion Ratio Lower Upper

122 100

107 111.7 94.9 142.3

121 56.5 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.940 ng

RT: 10.145 min Scan# 1183

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

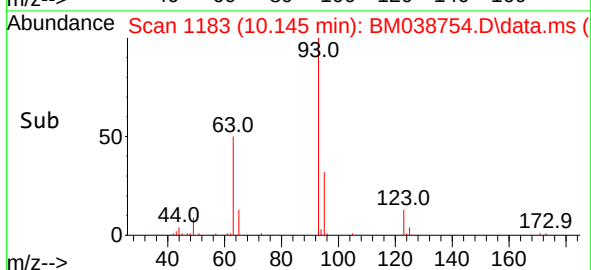
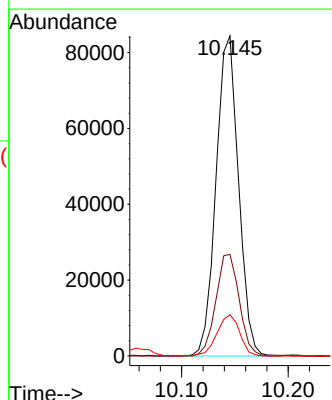
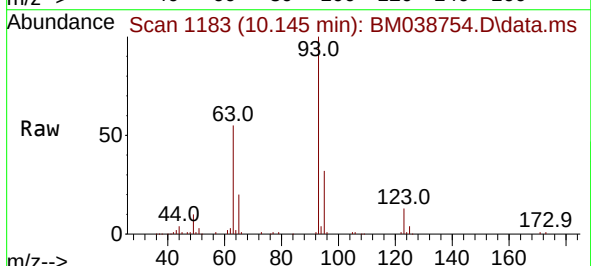
Tgt Ion: 93 Resp: 123565

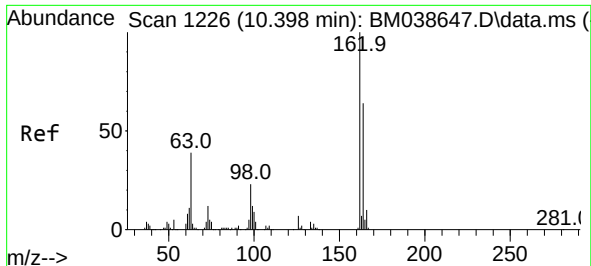
Ion Ratio Lower Upper

93 100

95 31.7 26.6 40.0

123 12.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 38.017 ng

RT: 10.381 min Scan# 11

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

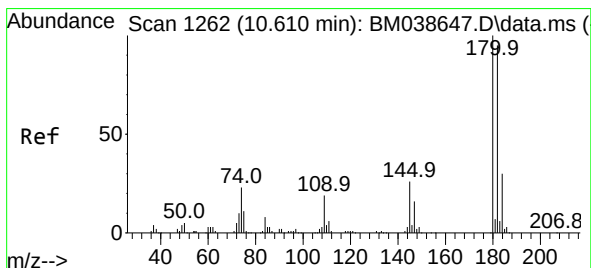
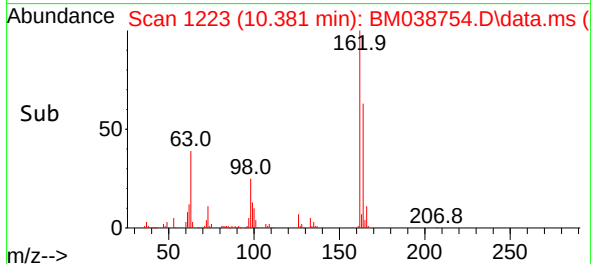
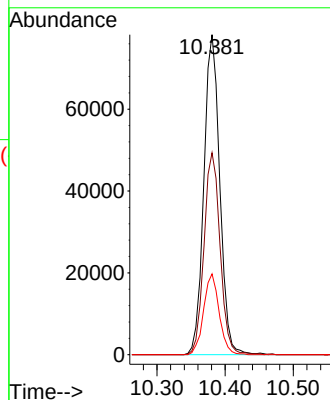
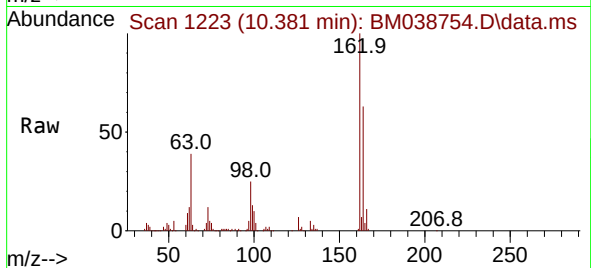
Tgt Ion:162 Resp: 127191

Ion Ratio Lower Upper

162 100

164 63.1 44.3 84.3

98 25.3 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 34.772 ng

RT: 10.587 min Scan# 1258

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

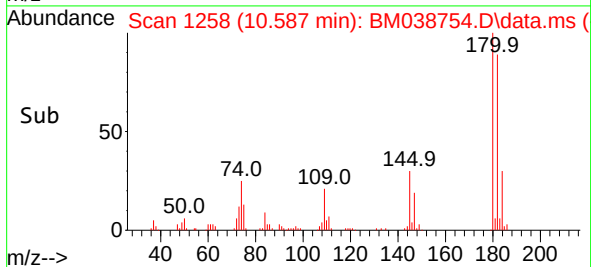
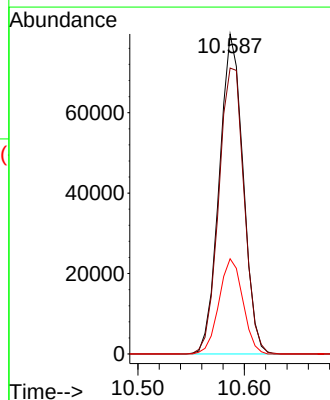
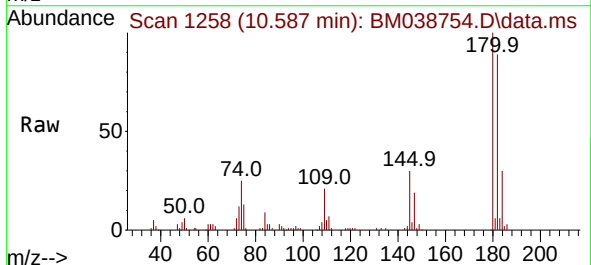
Tgt Ion:180 Resp: 123749

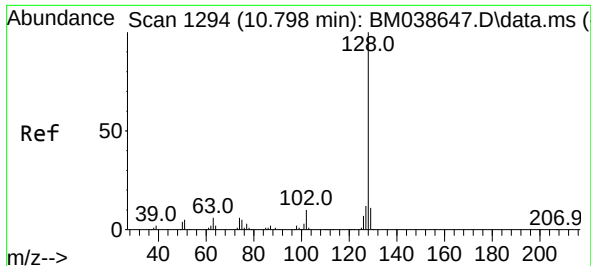
Ion Ratio Lower Upper

180 100

182 89.4 76.2 114.2

145 29.8 20.8 31.2

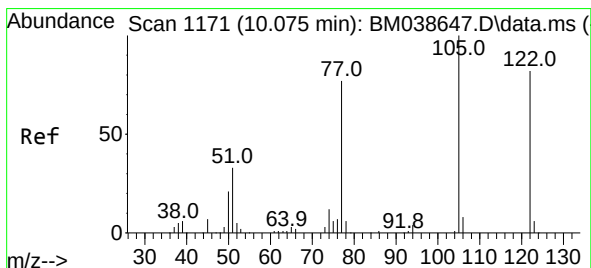
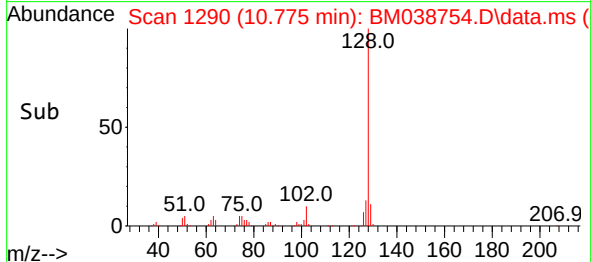
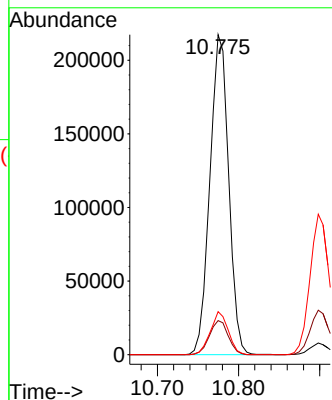
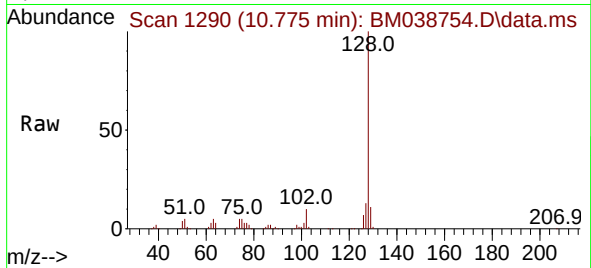




#31
Naphthalene
Concen: 41.379 ng
RT: 10.775 min Scan# 1169
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

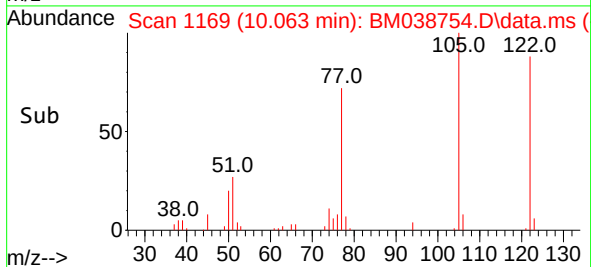
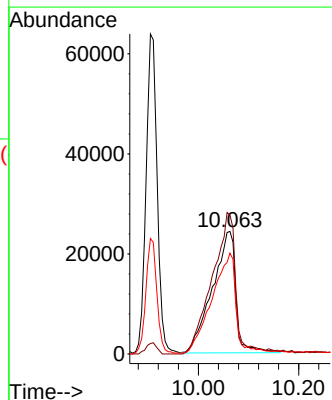
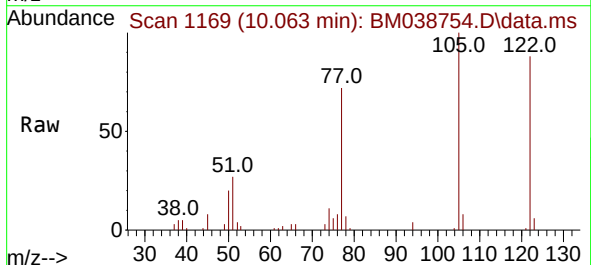
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

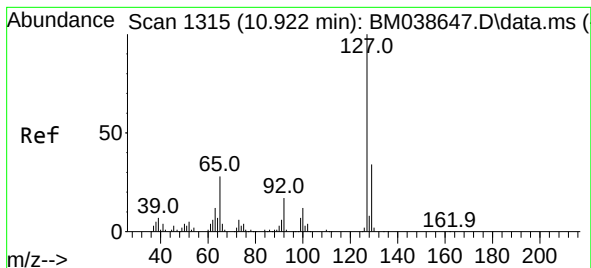
Tgt Ion:128 Resp: 348536
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.4 9.9 14.9



#32
Benzoic acid
Concen: 41.460 ng
RT: 10.063 min Scan# 1169
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:122 Resp: 79034
Ion Ratio Lower Upper
122 100
105 113.5 99.2 139.2
77 82.2 72.3 112.3

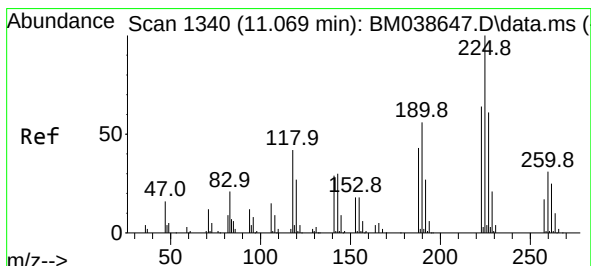
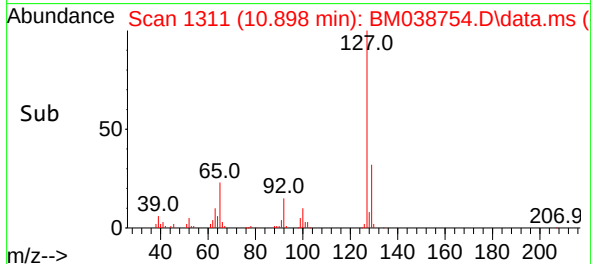
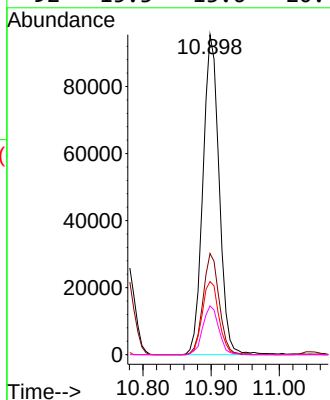
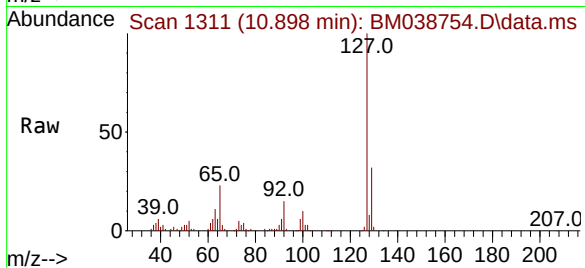




#33
4-Chloroaniline
Concen: 42.810 ng
RT: 10.898 min Scan# 11
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

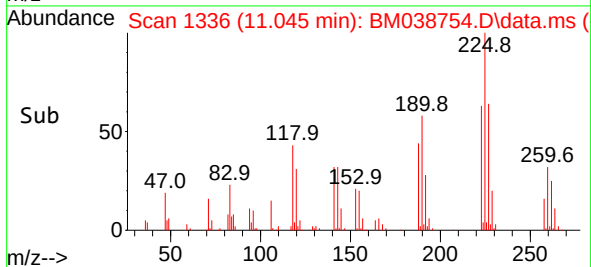
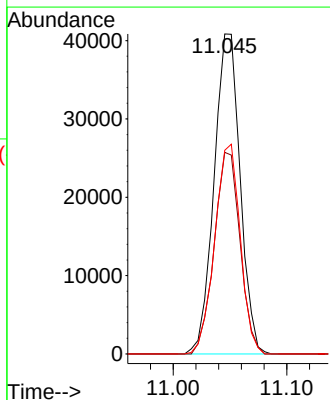
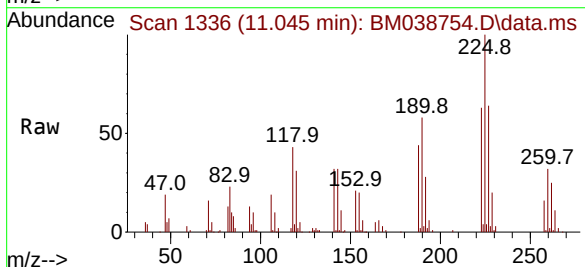
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

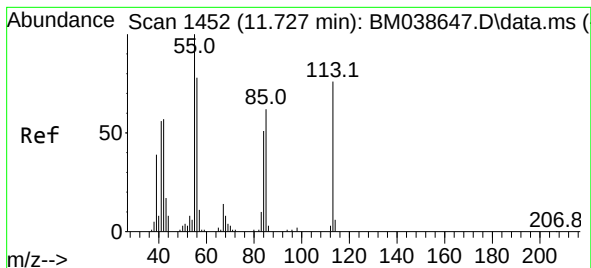
Tgt Ion:	127	Resp:	158032
Ion Ratio	Lower	Upper	
127	100		
129	31.6	27.1	40.7
65	22.9	22.2	33.4
92	15.3	13.6	20.4



#34
Hexachlorobutadiene
Concen: 36.518 ng
RT: 11.045 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:	225	Resp:	65104
Ion Ratio	Lower	Upper	
225	100		
223	60.4	51.0	76.4
227	61.0	49.2	73.8





#35

Caprolactam

Concen: 43.748 ng

RT: 11.704 min Scan# 14

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

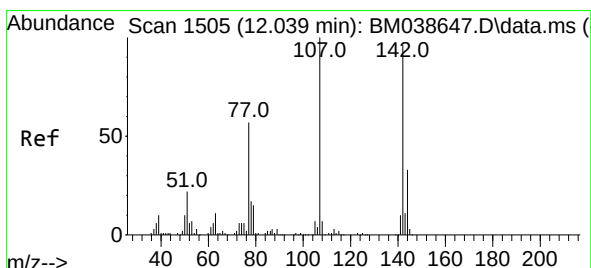
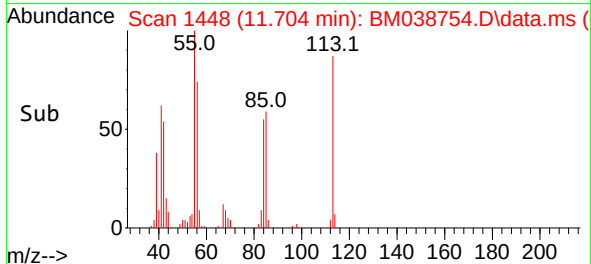
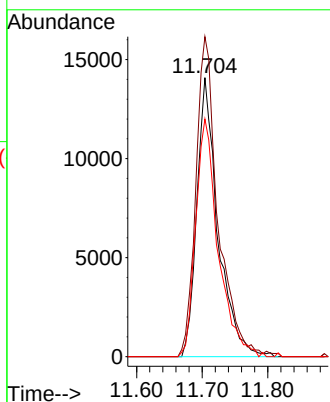
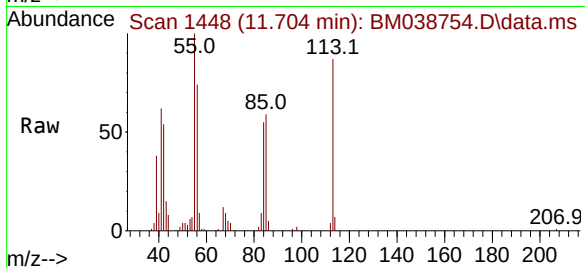
Tgt Ion:113 Resp: 31522

Ion Ratio Lower Upper

113 100

55 114.7 111.2 151.2

56 85.1 82.0 122.0



#36

4-Chloro-3-methylphenol

Concen: 39.985 ng

RT: 12.028 min Scan# 1503

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

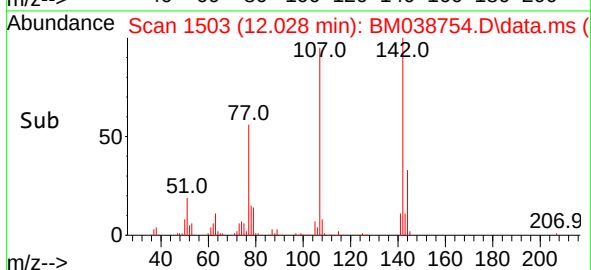
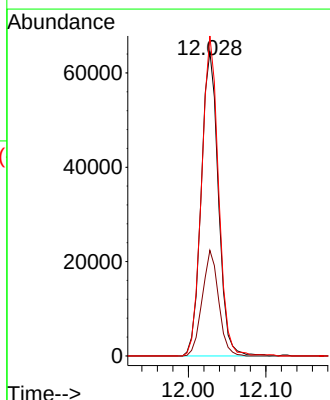
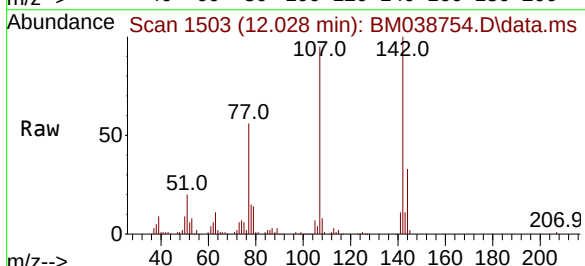
Tgt Ion:107 Resp: 98919

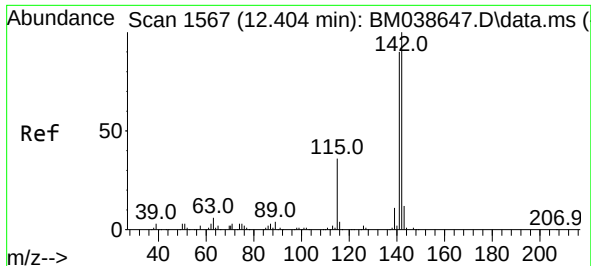
Ion Ratio Lower Upper

107 100

144 34.7 26.5 39.7

142 105.1 77.0 115.6





#37

2-Methylnaphthalene

Concen: 40.564 ng

RT: 12.386 min Scan# 1

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

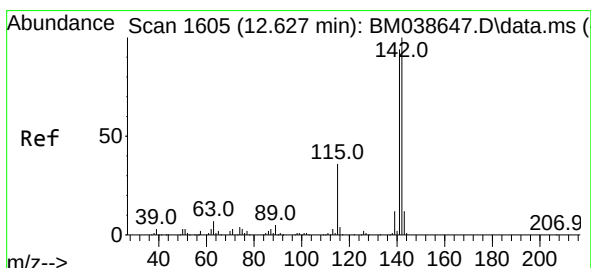
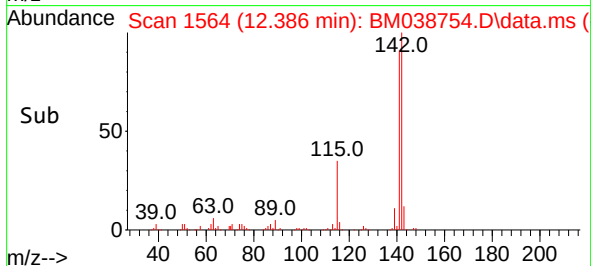
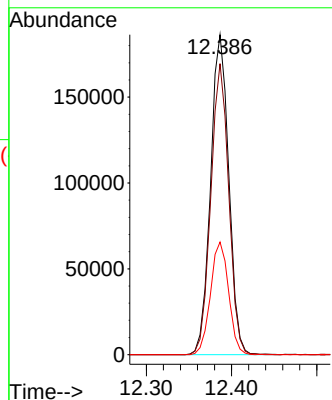
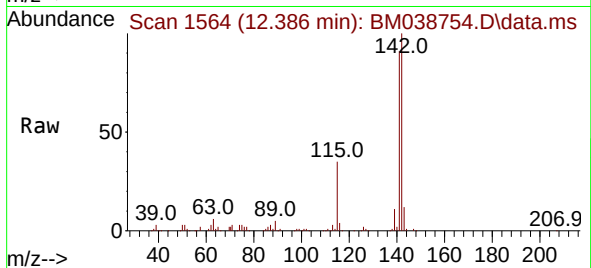
Tgt Ion:142 Resp: 276109

Ion Ratio Lower Upper

142 100

141 91.0 71.8 107.8

115 35.2 28.7 43.1



#38

1-Methylnaphthalene

Concen: 40.542 ng

RT: 12.604 min Scan# 1601

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

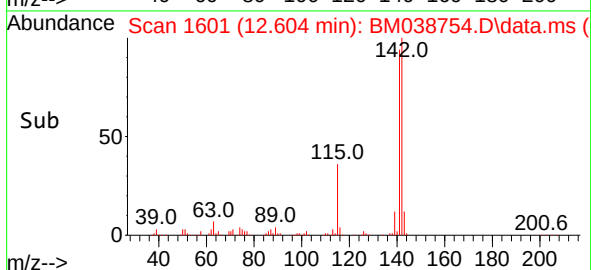
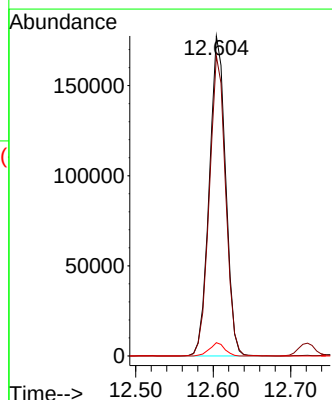
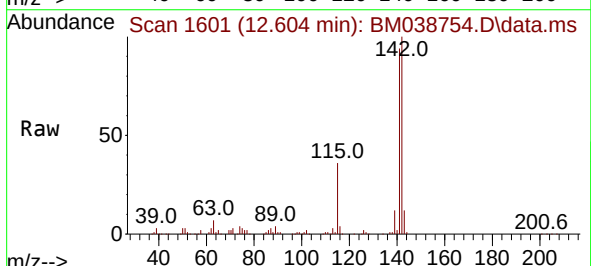
Tgt Ion:142 Resp: 260034

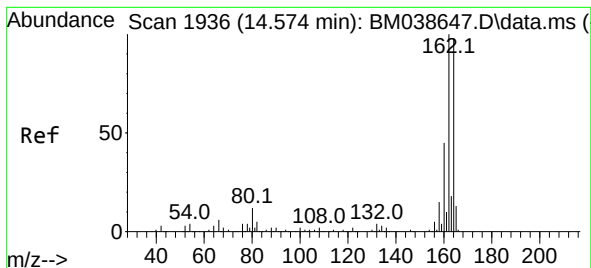
Ion Ratio Lower Upper

142 100

141 93.7 75.5 113.3

116 4.2 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1934

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

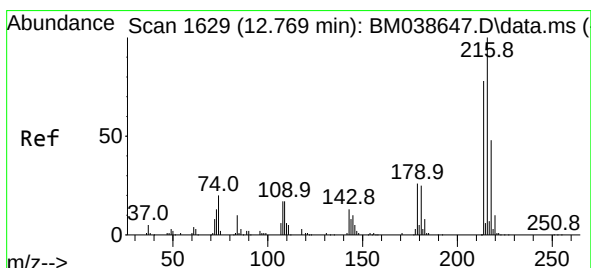
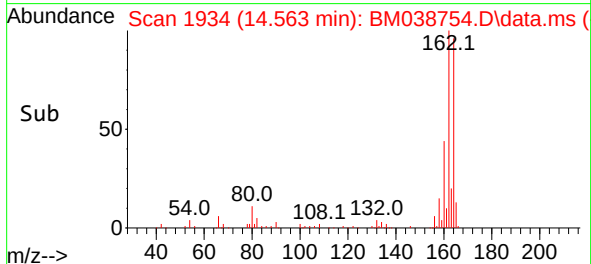
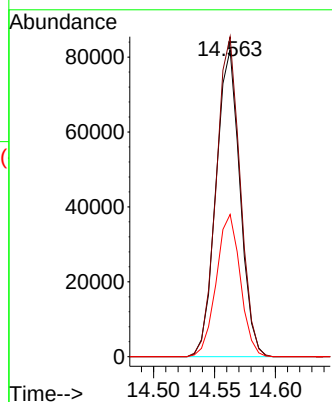
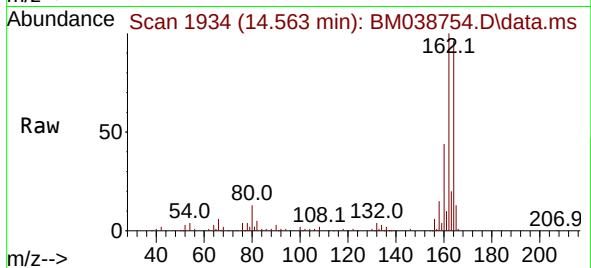
Tgt Ion:164 Resp: 112182

Ion Ratio Lower Upper

164 100

162 104.2 81.4 122.0

160 46.3 36.5 54.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.443 ng

RT: 12.751 min Scan# 1626

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

Tgt Ion:216 Resp: 109316

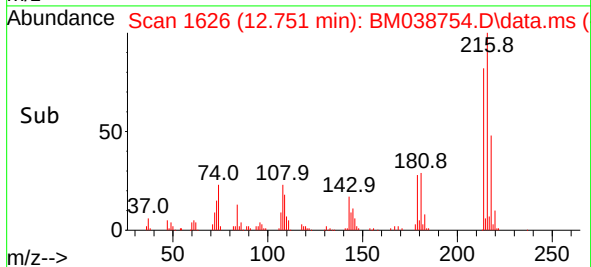
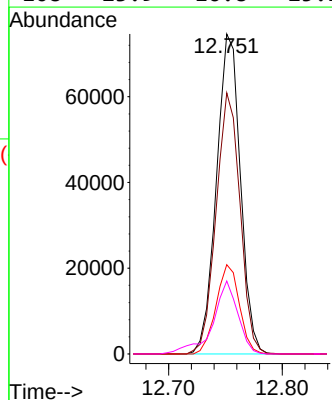
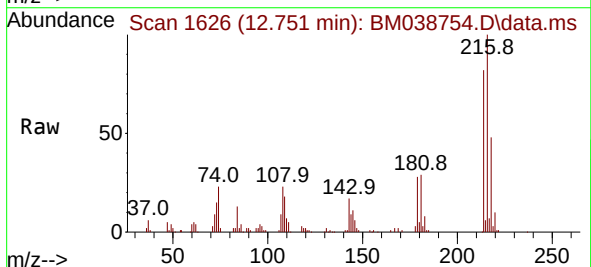
Ion Ratio Lower Upper

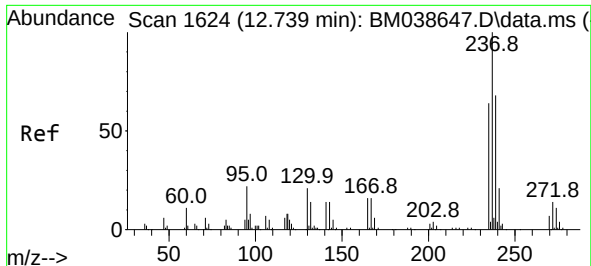
216 100

214 81.5 63.4 95.0

179 27.2 21.0 31.4

108 23.9 16.8 25.2

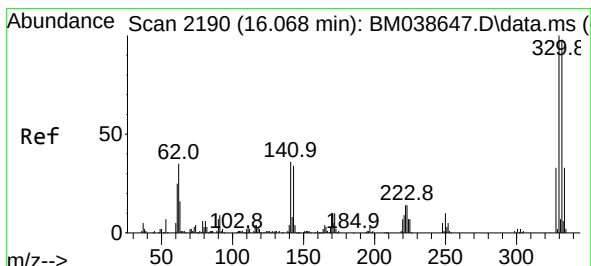
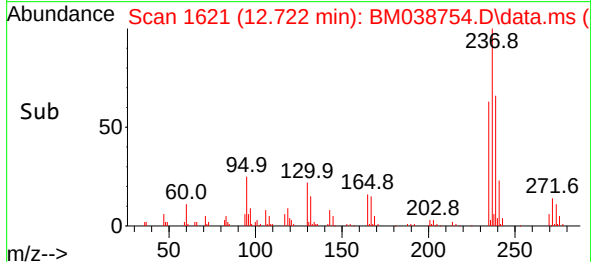
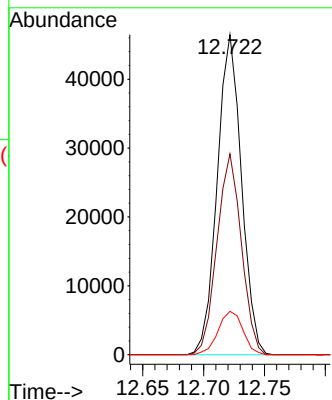
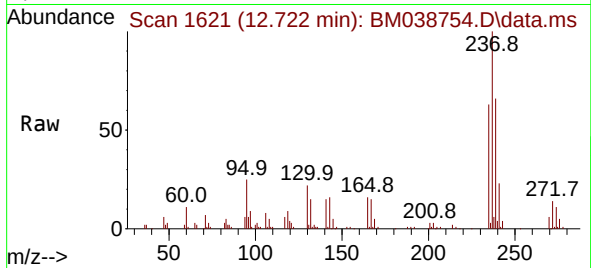




#41
Hexachlorocyclopentadiene
Concen: 35.524 ng
RT: 12.722 min Scan# 1
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

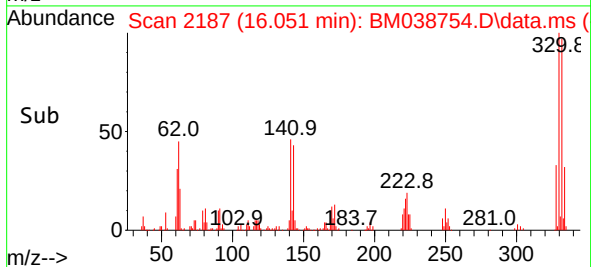
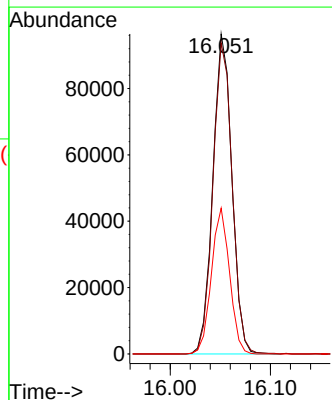
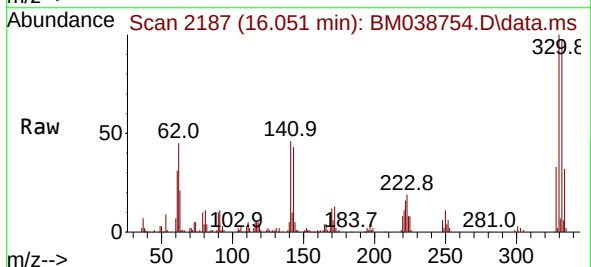
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

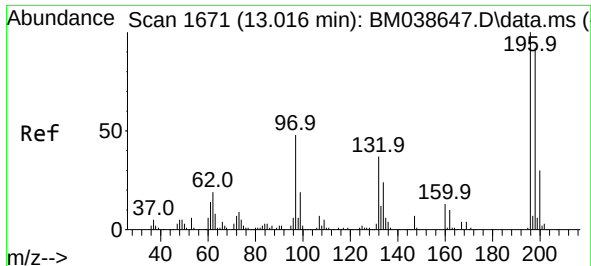
Tgt Ion:237 Resp: 64359
Ion Ratio Lower Upper
237 100
235 62.7 43.8 83.8
272 13.6 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 83.376 ng
RT: 16.051 min Scan# 2187
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:330 Resp: 127132
Ion Ratio Lower Upper
330 100
332 98.2 77.8 116.6
141 43.5 31.0 46.6

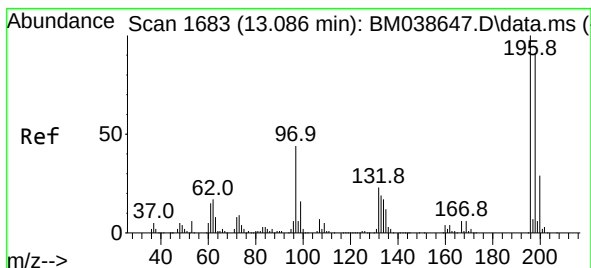
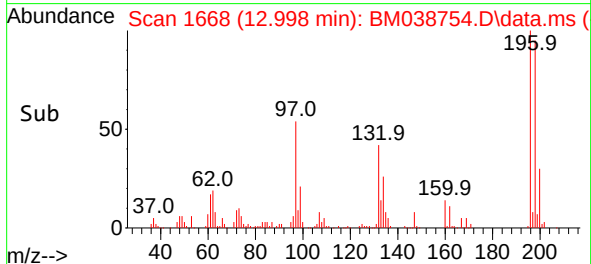
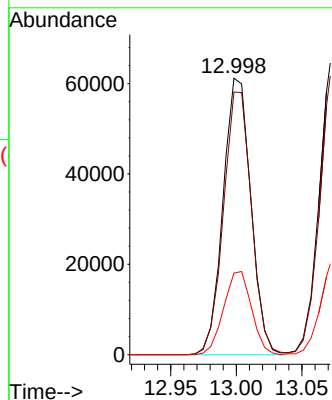
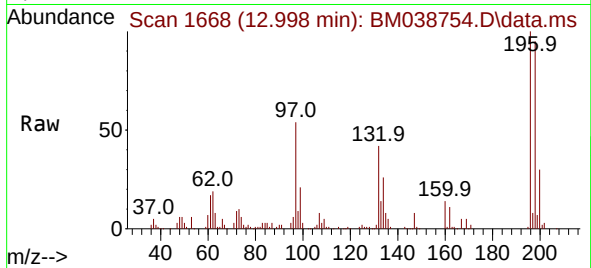




#43
2,4,6-Trichlorophenol
Concen: 39.341 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

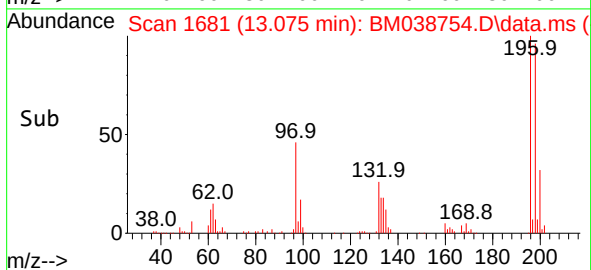
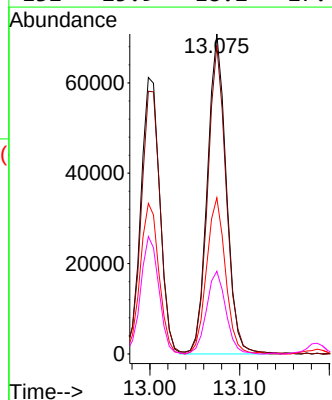
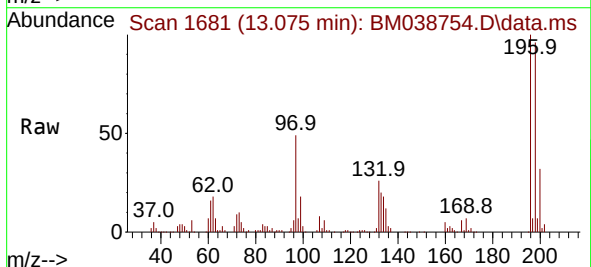
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

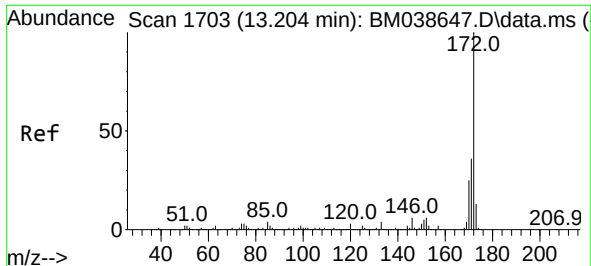
Tgt Ion:196 Resp: 90234
Ion Ratio Lower Upper
196 100
198 95.0 73.7 110.5
200 29.5 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 38.458 ng
RT: 13.075 min Scan# 1681
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:196 Resp: 103804
Ion Ratio Lower Upper
196 100
198 96.5 73.1 109.7
97 48.8 35.5 53.3
132 25.9 18.2 27.4

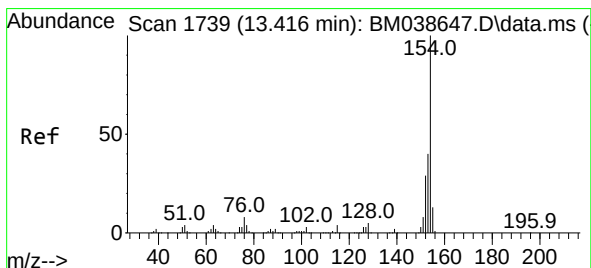
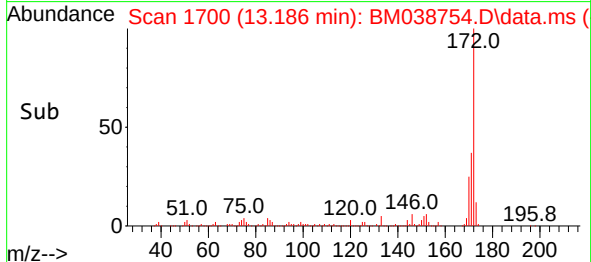
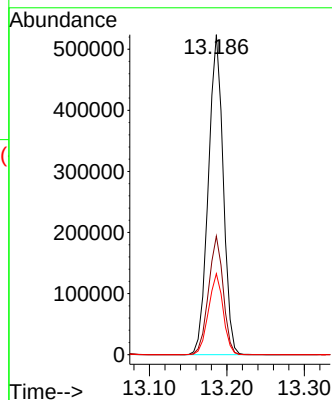
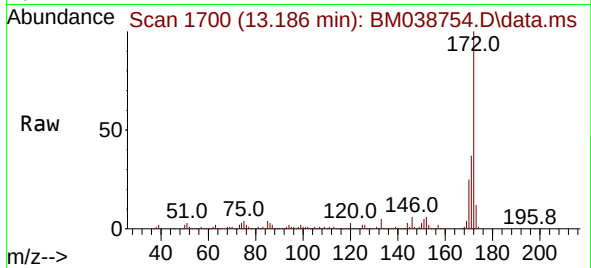




#45
2-Fluorobiphenyl
Concen: 79.042 ng
RT: 13.186 min Scan# 1700
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

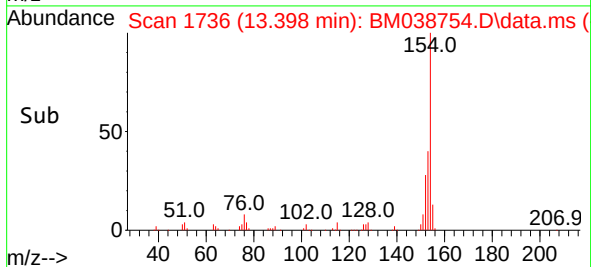
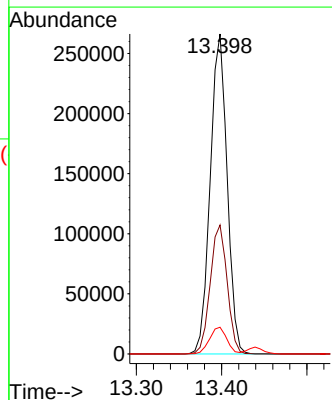
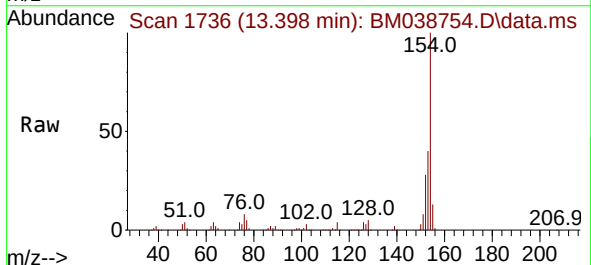
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

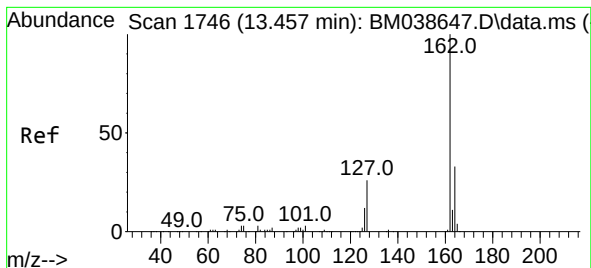
Tgt Ion:172 Resp: 696494
Ion Ratio Lower Upper
172 100
171 37.0 28.7 43.1
170 25.3 20.0 30.0



#46
1,1'-Biphenyl
Concen: 41.206 ng
RT: 13.398 min Scan# 1736
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:154 Resp: 366176
Ion Ratio Lower Upper
154 100
153 40.3 19.9 59.9
76 8.4 0.0 27.9





#47

2-Chloronaphthalene

Concen: 40.015 ng

RT: 13.439 min Scan# 1

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

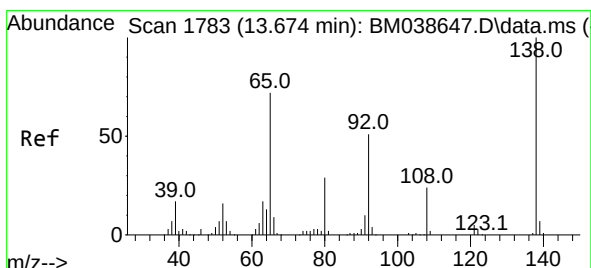
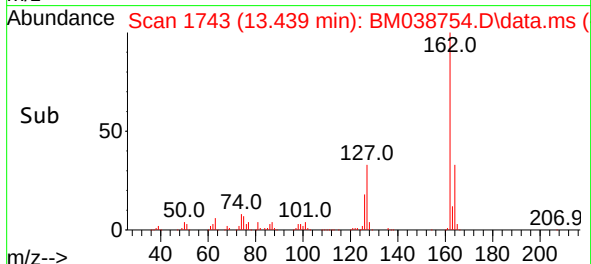
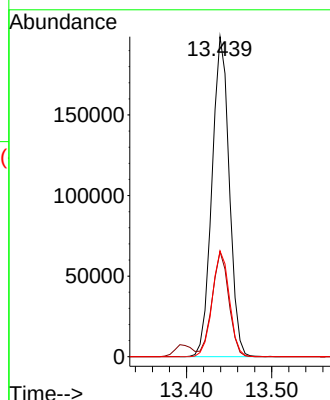
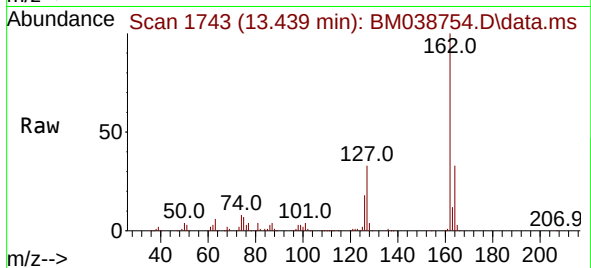
Tgt Ion:162 Resp: 279812

Ion Ratio Lower Upper

162 100

127 32.8 23.6 35.4

164 33.0 26.7 40.1



#48

2-Nitroaniline

Concen: 39.869 ng

RT: 13.657 min Scan# 1780

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

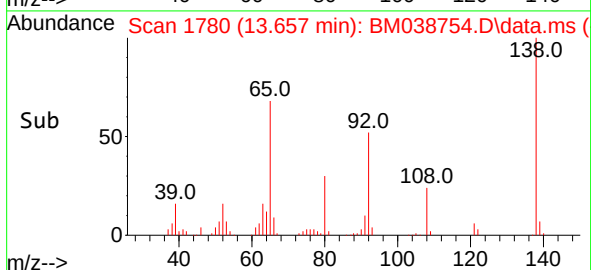
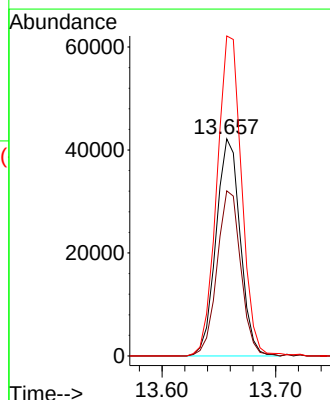
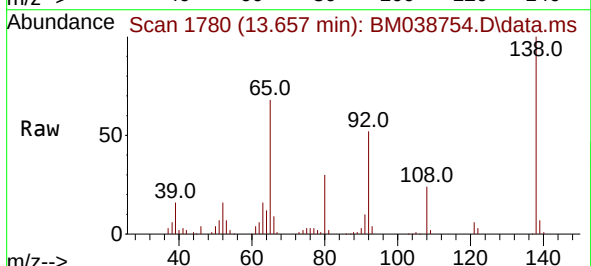
Tgt Ion: 65 Resp: 62310

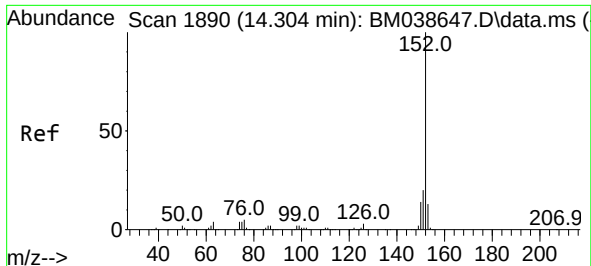
Ion Ratio Lower Upper

65 100

92 76.1 55.9 83.9

138 147.3 110.6 166.0

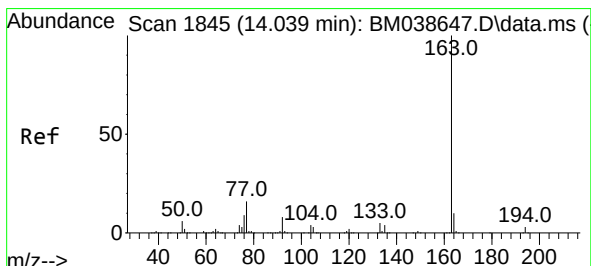
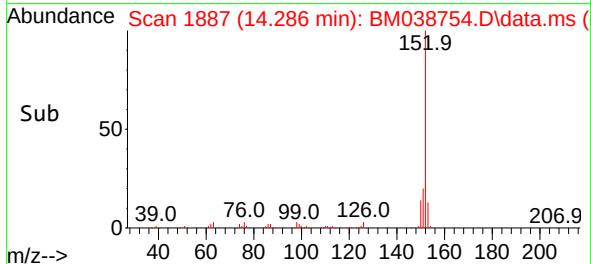
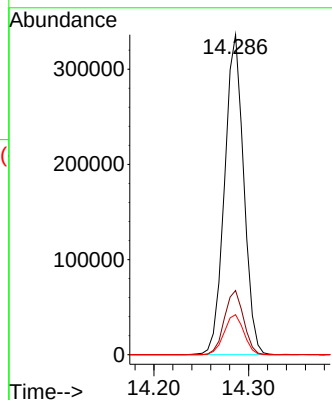
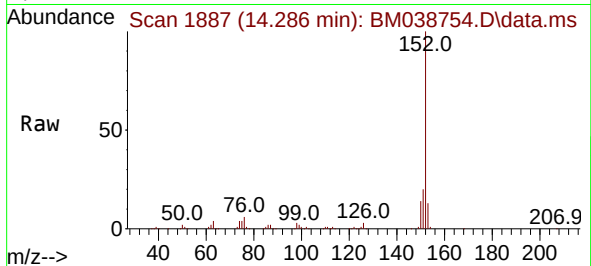




#49
Acenaphthylene
Concen: 42.977 ng
RT: 14.286 min Scan# 1887
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

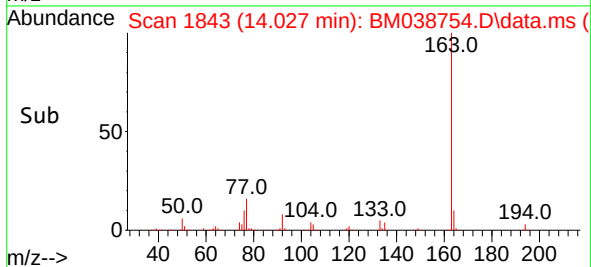
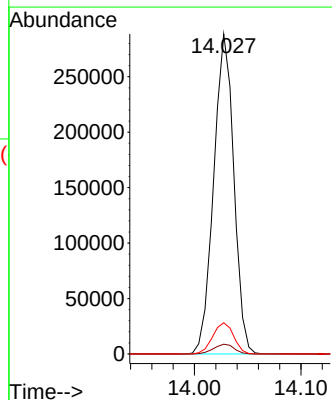
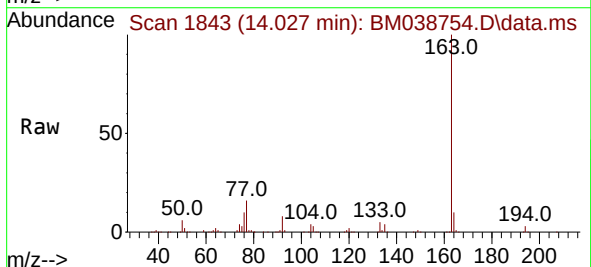
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

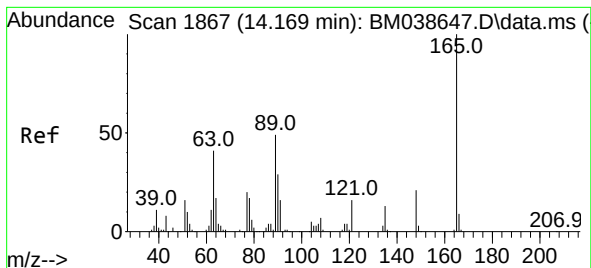
Tgt Ion:152 Resp: 473340
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 12.5 10.0 15.0



#50
Dimethylphthalate
Concen: 41.408 ng
RT: 14.027 min Scan# 1843
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:163 Resp: 379080
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.8 8.2 12.4

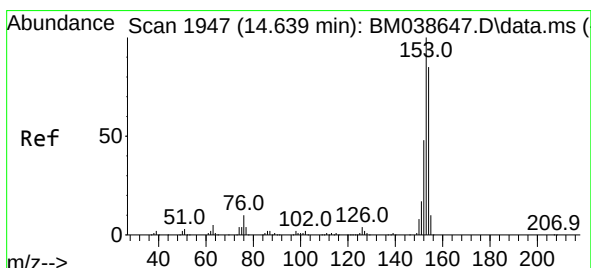
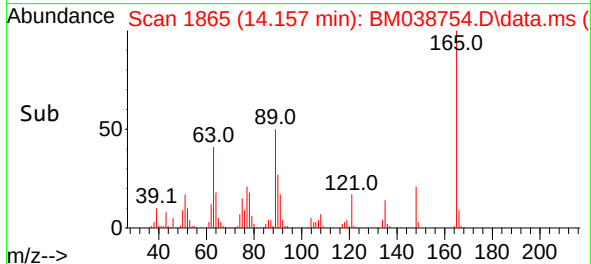
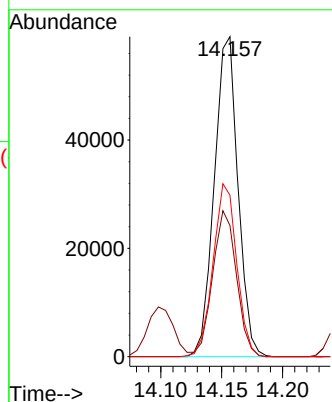
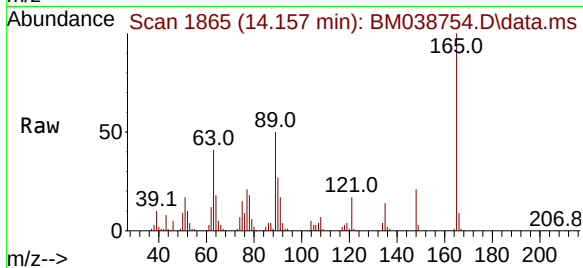




#51
2,6-Dinitrotoluene
Concen: 42.977 ng
RT: 14.157 min Scan# 1865
Delta R.T. 0.024 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

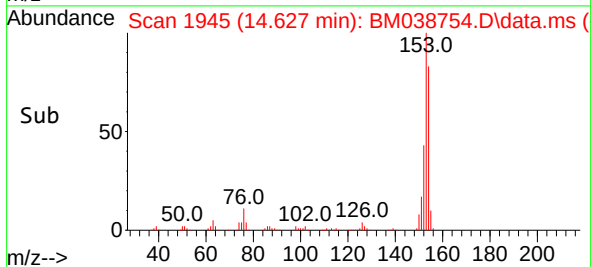
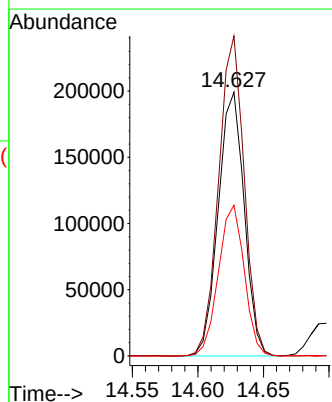
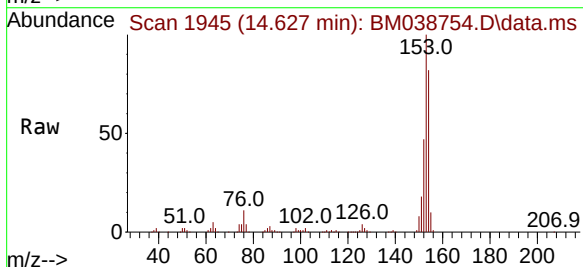
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

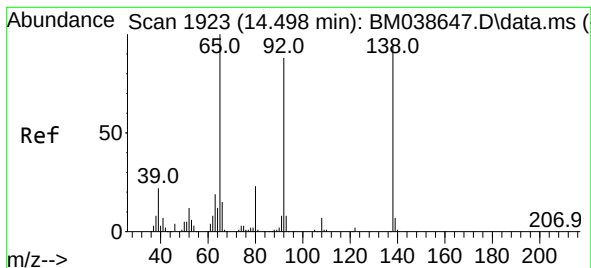
Tgt Ion:165 Resp: 79966
Ion Ratio Lower Upper
165 100
63 41.0 35.8 53.8
89 50.4 39.3 58.9



#52
Acenaphthene
Concen: 41.659 ng
RT: 14.627 min Scan# 1945
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:154 Resp: 273963
Ion Ratio Lower Upper
154 100
153 121.4 93.7 140.5
152 57.2 44.6 67.0

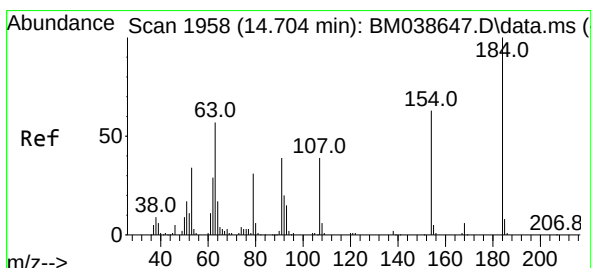
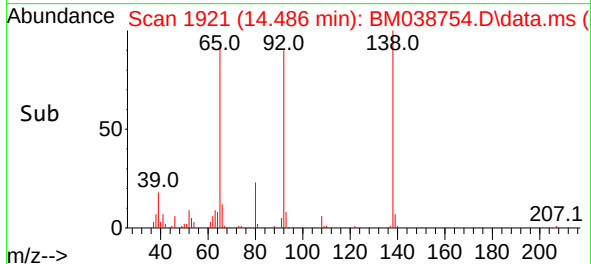
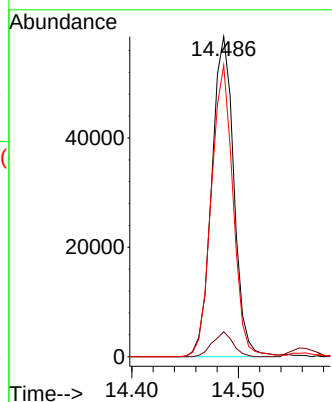
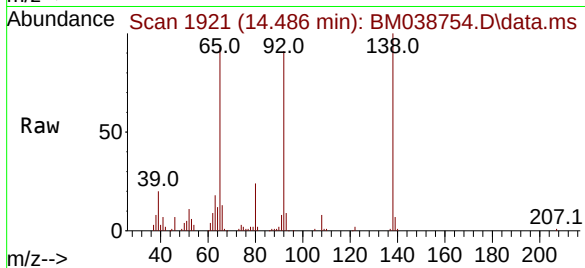




#53
3-Nitroaniline
Concen: 43.574 ng
RT: 14.486 min Scan# 1921
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

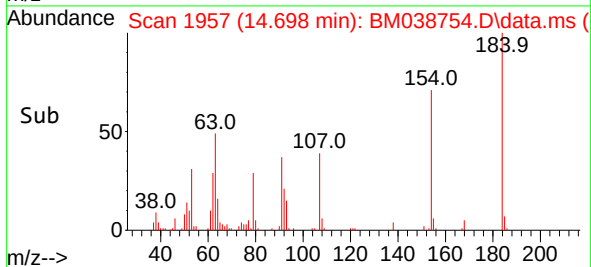
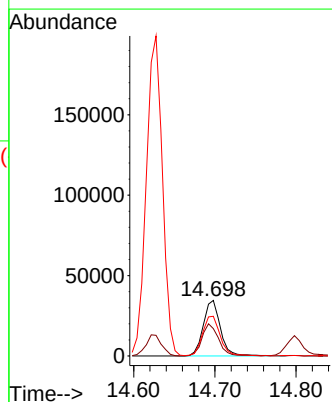
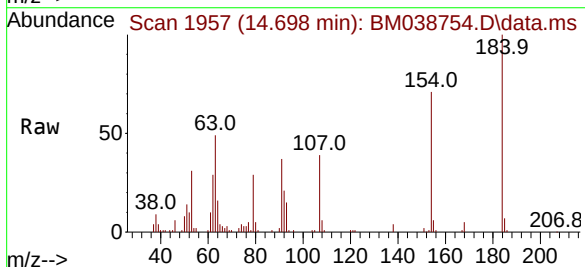
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

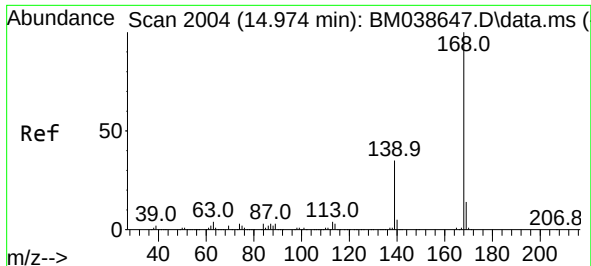
Tgt Ion:138 Resp: 84553
Ion Ratio Lower Upper
138 100
108 7.8 5.8 8.8
92 91.1 73.9 110.9



#54
2,4-Dinitrophenol
Concen: 41.780 ng
RT: 14.698 min Scan# 1957
Delta R.T. 0.024 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:184 Resp: 50600
Ion Ratio Lower Upper
184 100
63 49.3 45.9 68.9
154 71.4 54.9 82.3

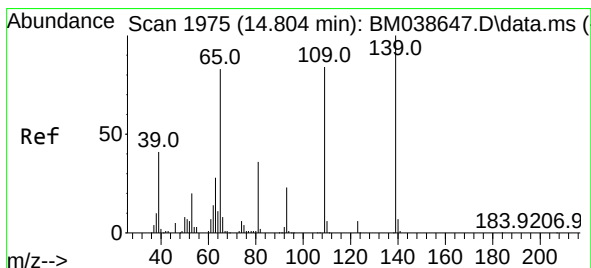
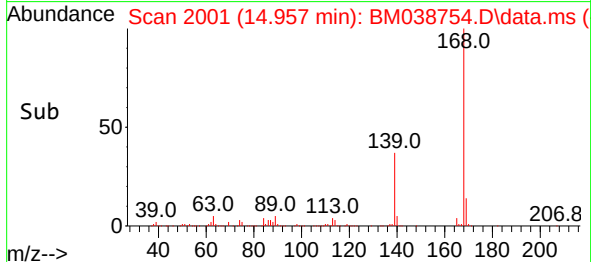
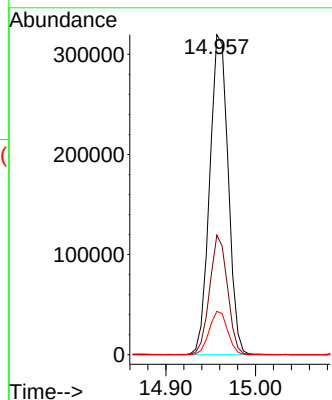
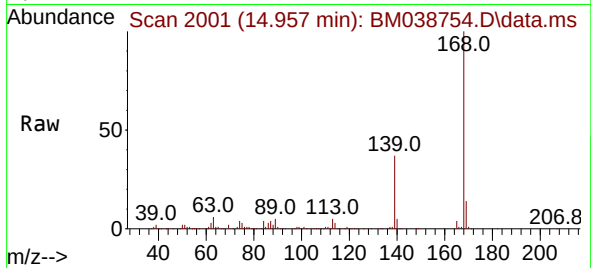




#55
Dibenzofuran
Concen: 40.357 ng
RT: 14.957 min Scan# 20
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

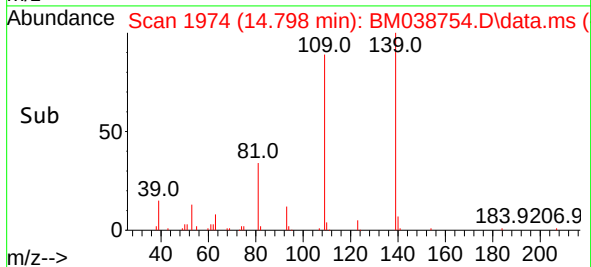
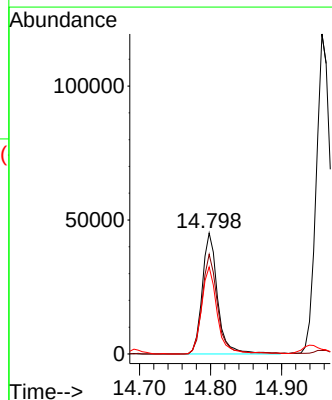
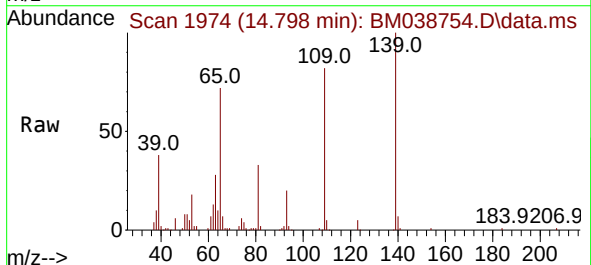
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

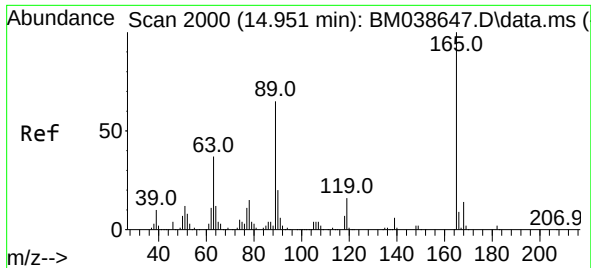
Tgt Ion:168 Resp: 457025
Ion Ratio Lower Upper
168 100
139 37.4 27.8 41.6
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 45.657 ng
RT: 14.798 min Scan# 1974
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:139 Resp: 68133
Ion Ratio Lower Upper
139 100
109 82.4 63.8 103.8
65 72.0 62.5 102.5

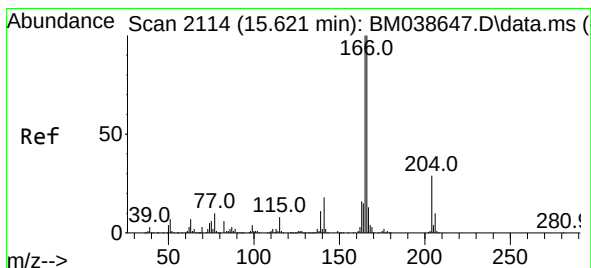
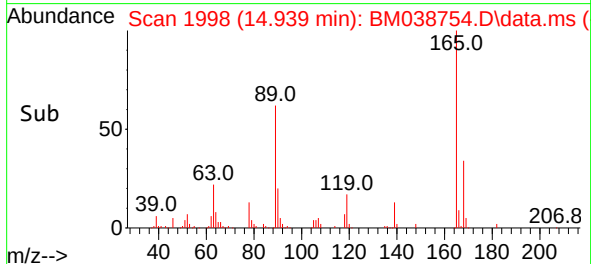
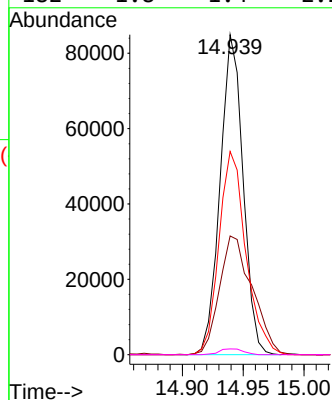
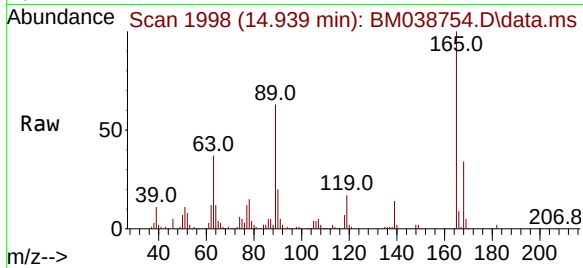




#57
2,4-Dinitrotoluene
Concen: 40.817 ng
RT: 14.939 min Scan# 1998
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

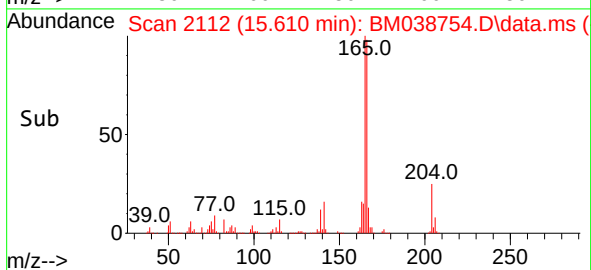
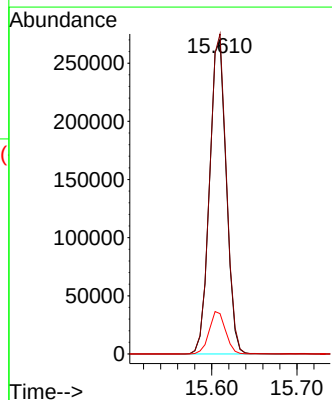
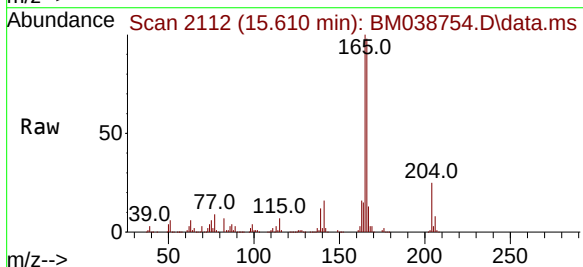
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ClientSampleId :
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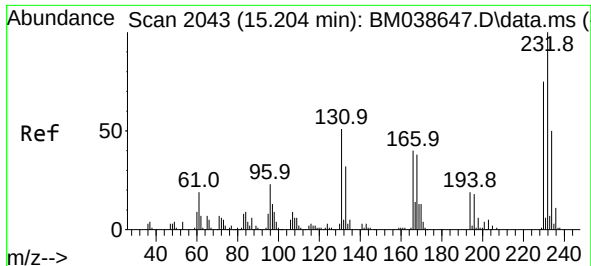
Tgt Ion:165	Resp:	111371
Ion	Ratio	Lower Upper
165	100	
63	37.1	29.4 44.0
89	63.5	51.8 77.6
182	1.8	1.4 2.2



#58
Fluorene
Concen: 41.087 ng
RT: 15.610 min Scan# 2112
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:166	Resp:	368165
Ion	Ratio	Lower Upper
166	100	
165	101.9	80.2 120.4
167	12.9	10.7 16.1

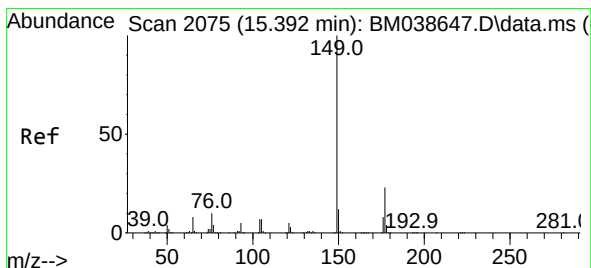
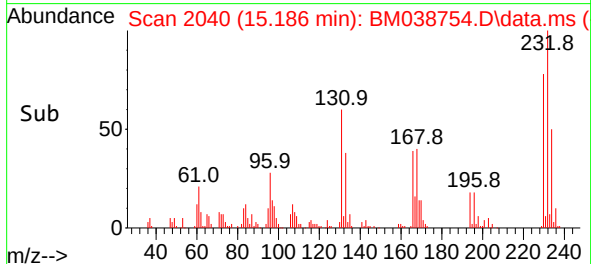
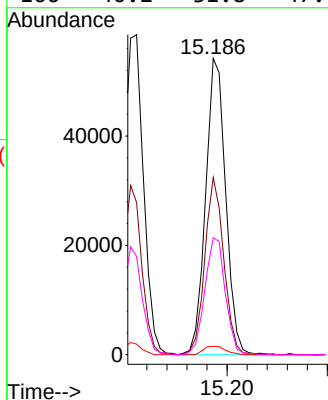
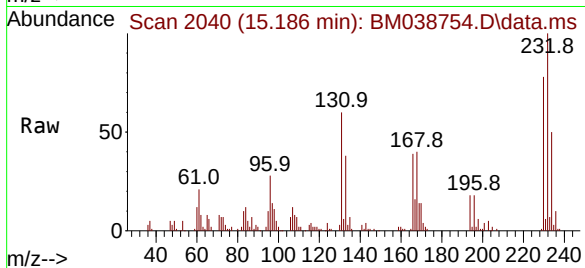




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.149 ng
RT: 15.186 min Scan# 2043
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

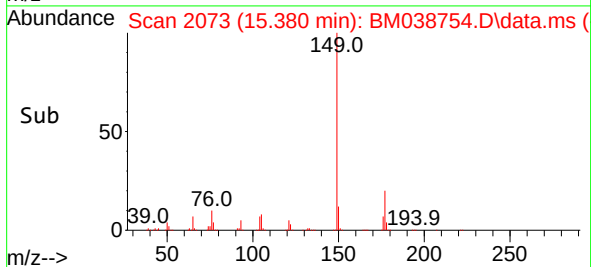
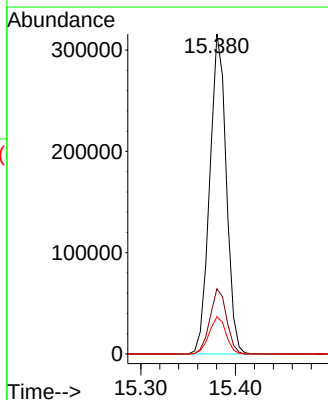
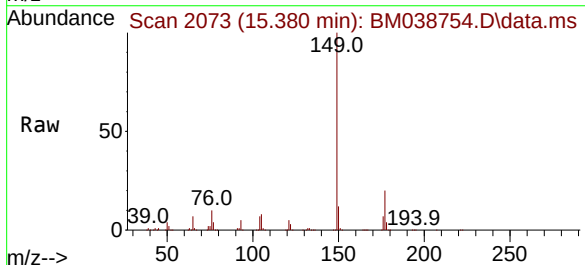
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

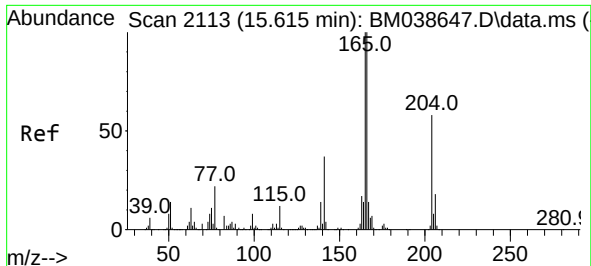
Tgt Ion:232 Resp: 75422
Ion Ratio Lower Upper
232 100
131 56.5 41.2 61.8
130 3.1 2.4 3.6
166 40.2 31.8 47.6



#60
Diethylphthalate
Concen: 44.296 ng
RT: 15.380 min Scan# 2073
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:149 Resp: 384167
Ion Ratio Lower Upper
149 100
177 20.4 18.1 27.1
150 11.6 10.0 15.0

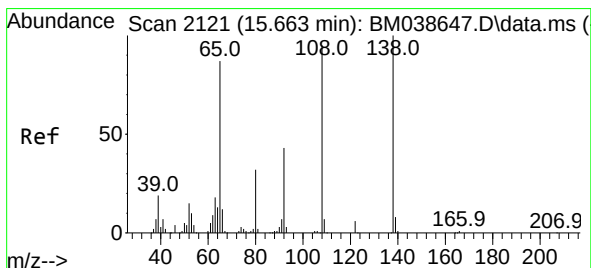
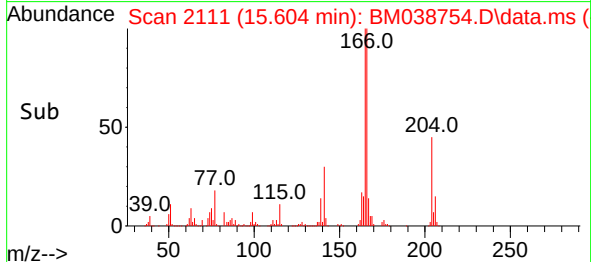
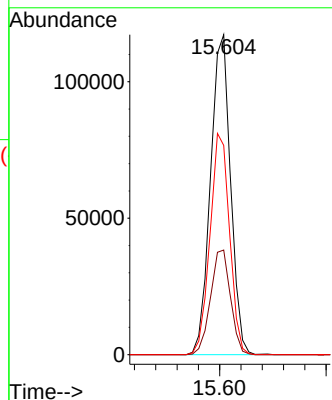
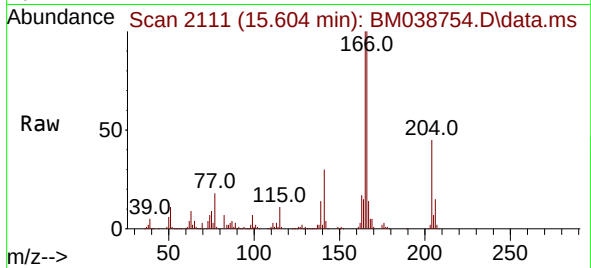




#61
4-Chlorophenyl-phenylether
Concen: 40.312 ng
RT: 15.604 min Scan# 2111
Delta R.T. 0.024 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

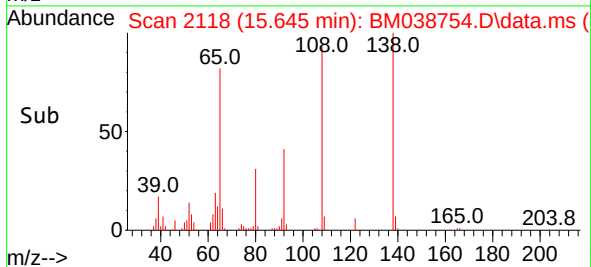
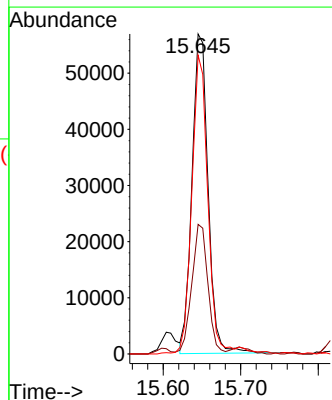
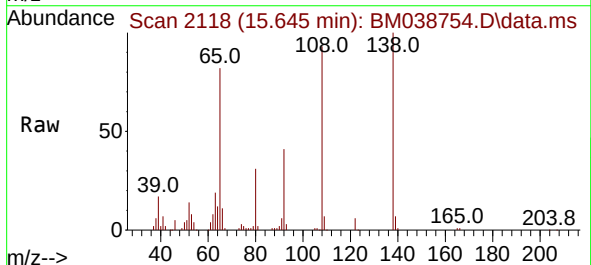
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

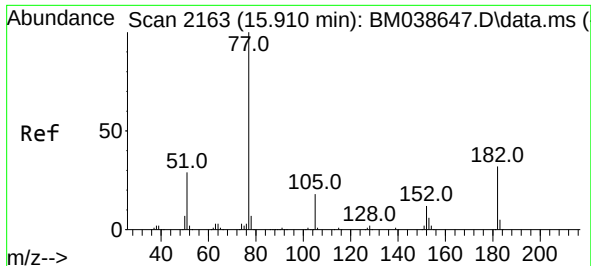
Tgt Ion:204 Resp: 153241
Ion Ratio Lower Upper
204 100
206 32.7 25.3 37.9
141 65.4 51.3 76.9



#62
4-Nitroaniline
Concen: 41.278 ng
RT: 15.645 min Scan# 2118
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:138 Resp: 81979
Ion Ratio Lower Upper
138 100
92 40.5 23.4 63.4
108 93.4 75.1 115.1

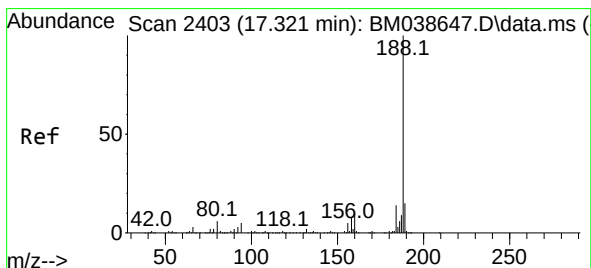
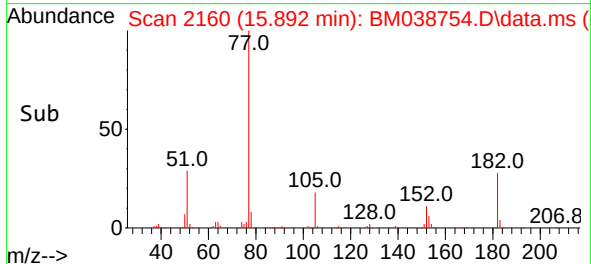
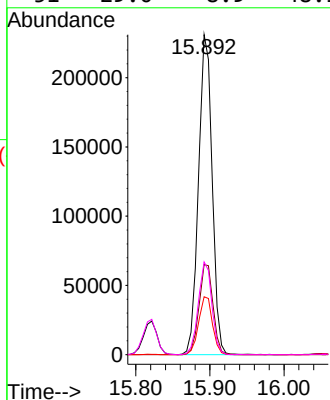
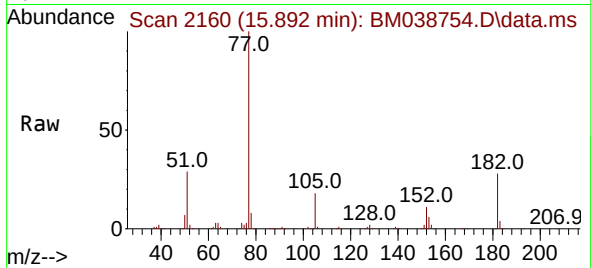




#63
Azobenzene
Concen: 44.270 ng
RT: 15.892 min Scan# 2163
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

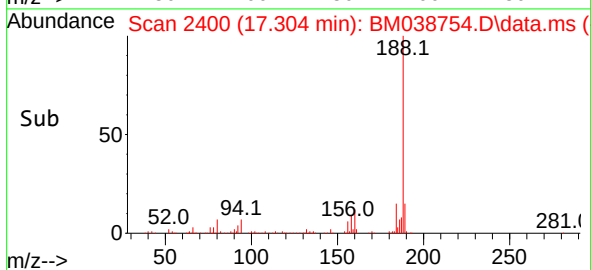
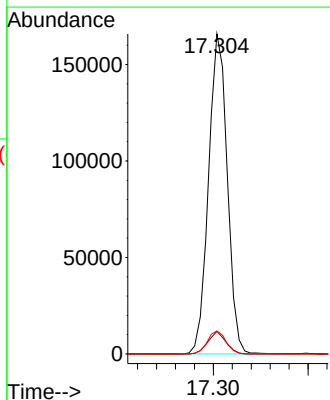
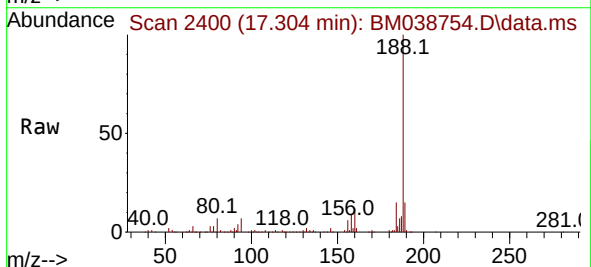
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

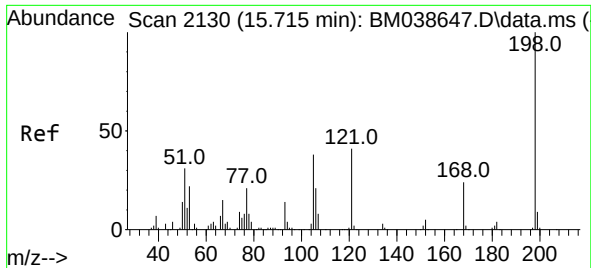
Tgt Ion:	77	Resp:	295393
Ion Ratio	Lower	Upper	
77	100		
182	28.2	12.0	52.0
105	18.1	0.0	37.5
51	29.0	8.9	48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2400
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:	188	Resp:	227659
Ion Ratio	Lower	Upper	
188	100		
94	7.1	4.2	6.4#
80	7.2	4.6	7.0#

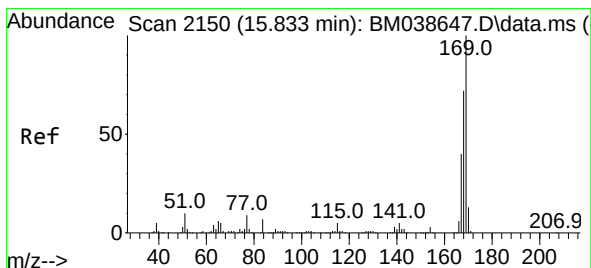
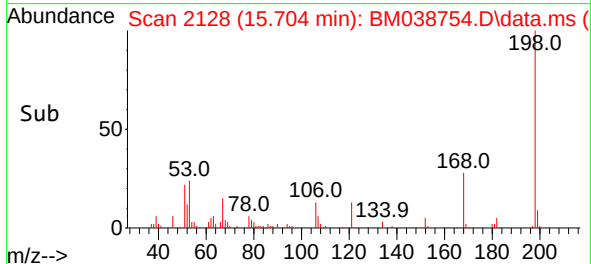
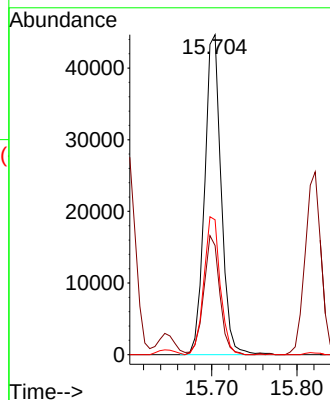
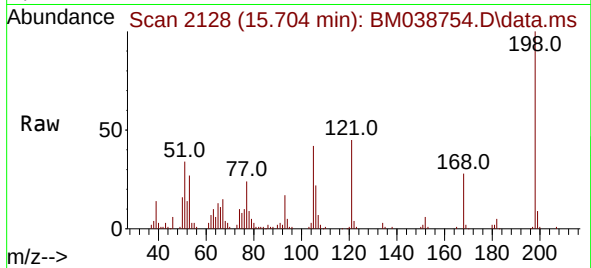




#65
4,6-Dinitro-2-methylphenol
Concen: 41.843 ng
RT: 15.704 min Scan# 2128
Delta R.T. 0.024 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

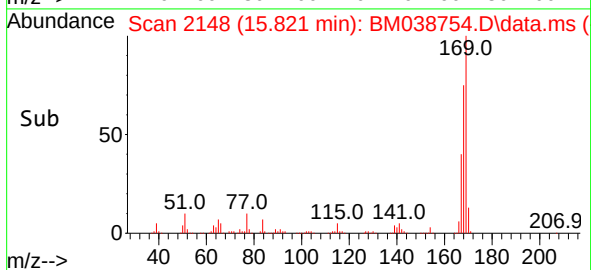
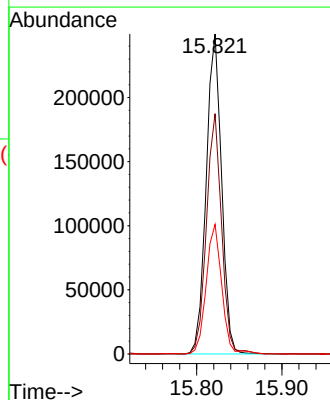
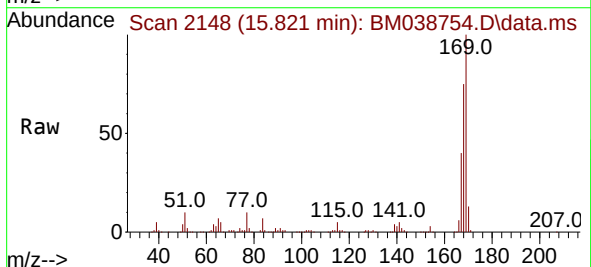
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

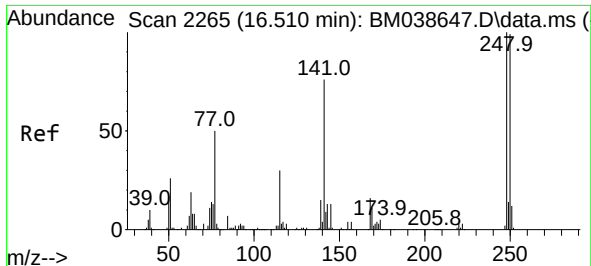
Tgt Ion:198 Resp: 59968
Ion Ratio Lower Upper
198 100
51 34.1 13.0 53.0
105 42.1 17.9 57.9



#66
n-Nitrosodiphenylamine
Concen: 41.976 ng
RT: 15.821 min Scan# 2148
Delta R.T. 0.024 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:169 Resp: 312027
Ion Ratio Lower Upper
169 100
168 75.1 57.6 86.4
167 40.5 32.3 48.5

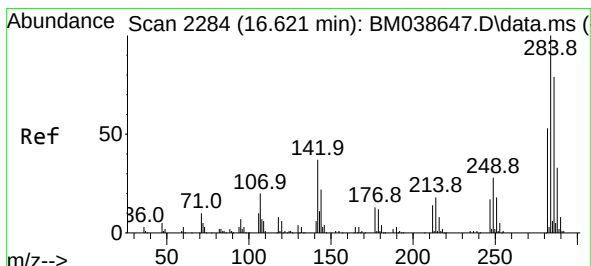
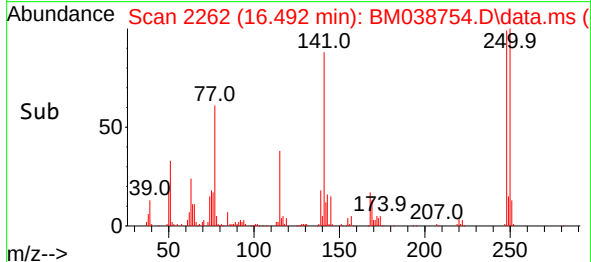
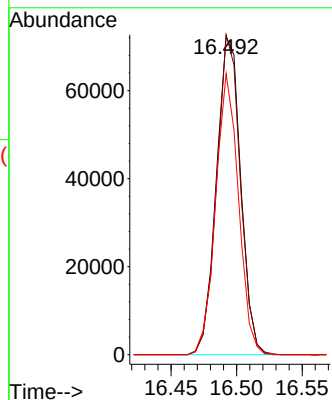
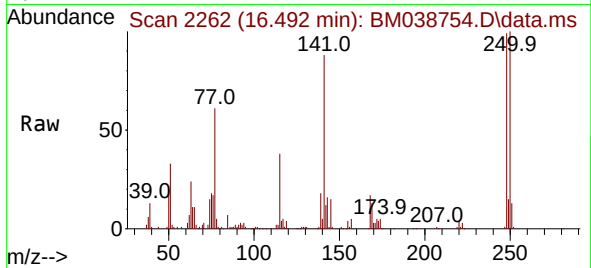




#67
4-Bromophenyl-phenylether
Concen: 42.264 ng
RT: 16.492 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

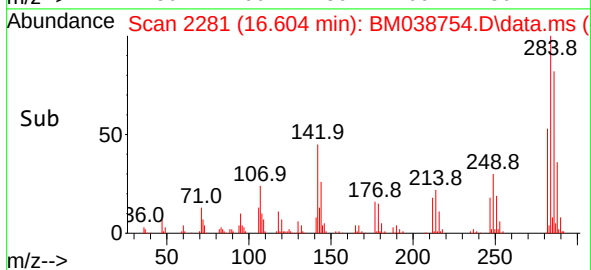
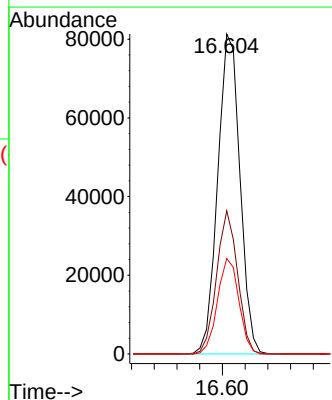
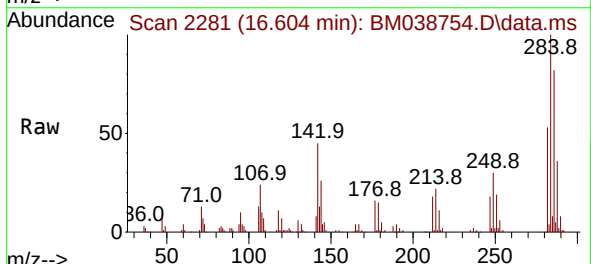
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

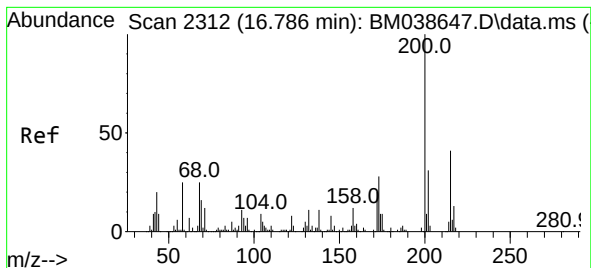
Tgt Ion:248 Resp: 92905
Ion Ratio Lower Upper
248 100
250 100.6 79.4 119.2
141 88.3 61.0 91.6



#68
Hexachlorobenzene
Concen: 41.205 ng
RT: 16.604 min Scan# 2281
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:284 Resp: 110698
Ion Ratio Lower Upper
284 100
142 44.8 29.8 44.6#
249 29.9 22.2 33.4





#69

Atrazine

Concen: 43.420 ng

RT: 16.774 min Scan# 21

Delta R.T. 0.024 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

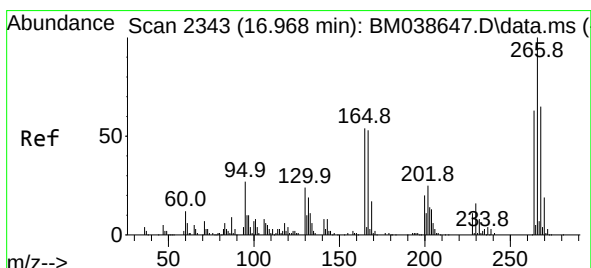
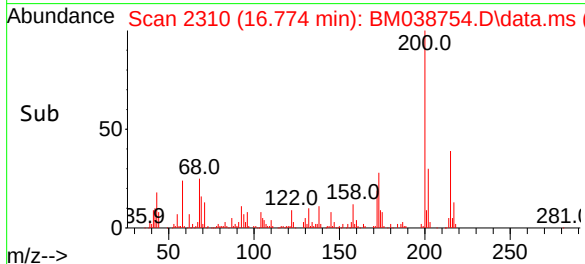
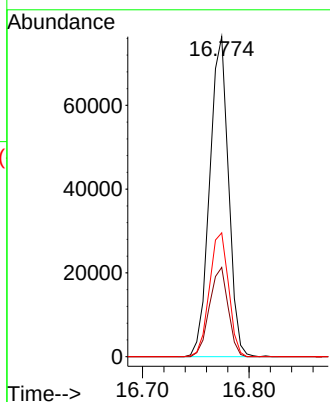
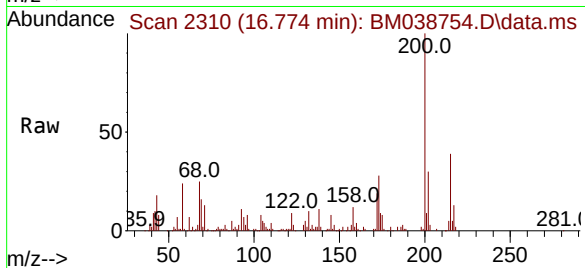
Tgt Ion:200 Resp: 93548

Ion Ratio Lower Upper

200 100

173 27.9 7.9 47.9

215 38.7 20.8 60.8



#70

Pentachlorophenol

Concen: 40.420 ng

RT: 16.957 min Scan# 2341

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

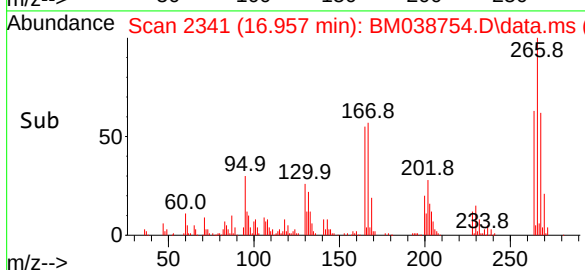
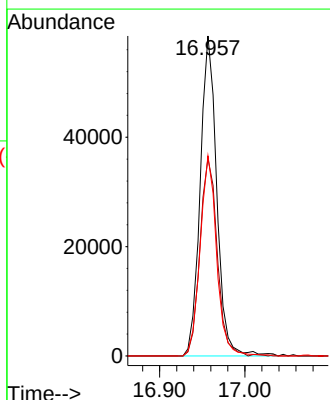
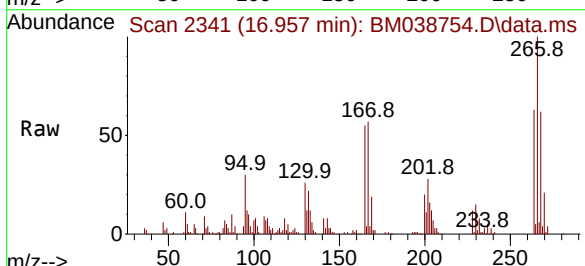
Tgt Ion:266 Resp: 79157

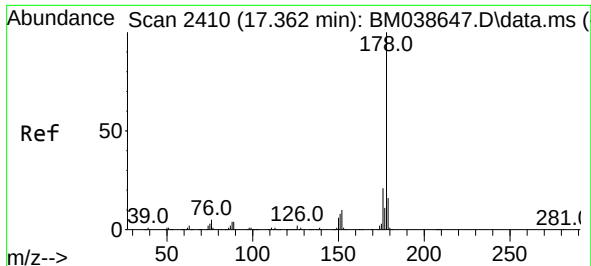
Ion Ratio Lower Upper

266 100

268 61.7 51.8 77.6

264 62.5 50.6 76.0

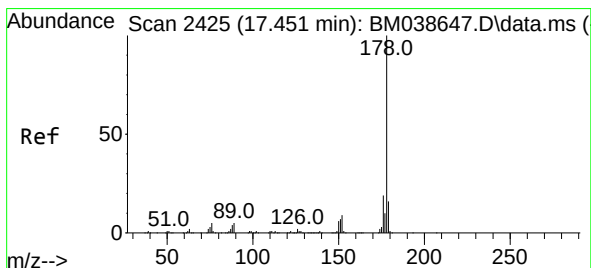
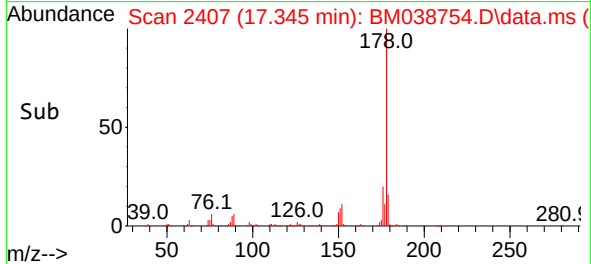
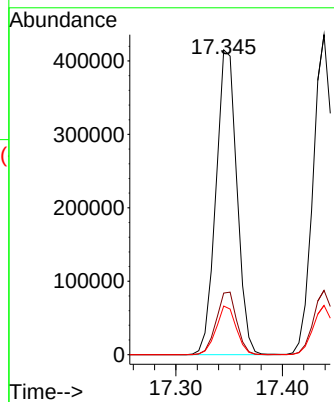
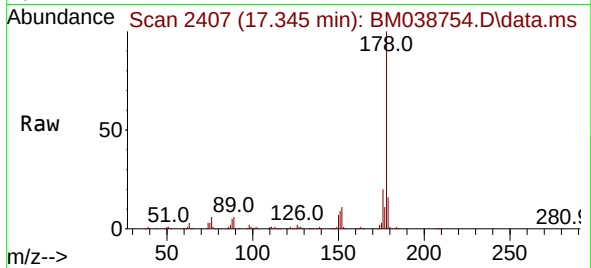




#71
Phenanthrene
Concen: 41.869 ng
RT: 17.345 min Scan# 2410
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

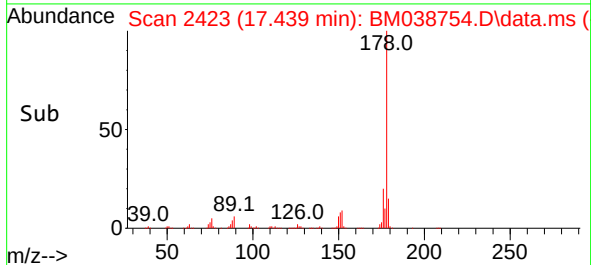
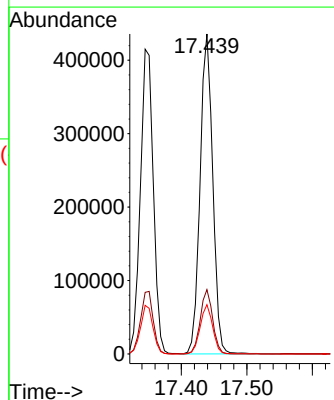
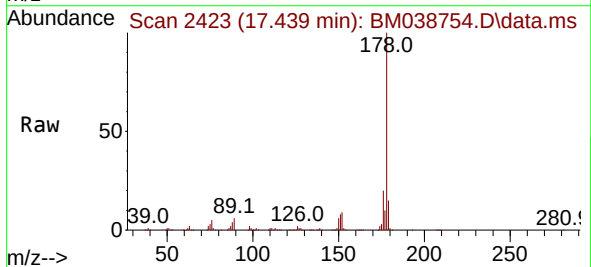
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

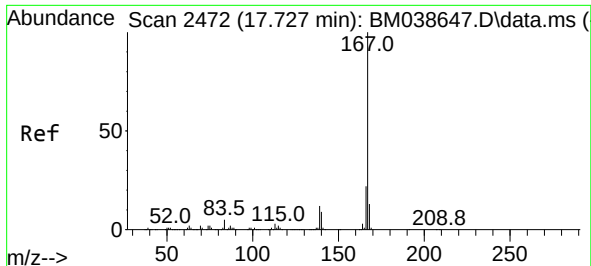
Tgt Ion:178 Resp: 565970
Ion Ratio Lower Upper
178 100
176 20.2 16.7 25.1
179 15.9 12.5 18.7



#72
Anthracene
Concen: 42.345 ng
RT: 17.439 min Scan# 2423
Delta R.T. 0.018 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:178 Resp: 585582
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 15.4 12.4 18.6

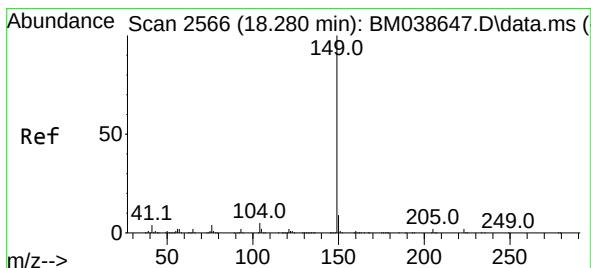
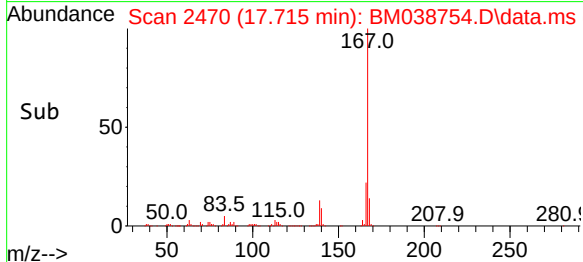
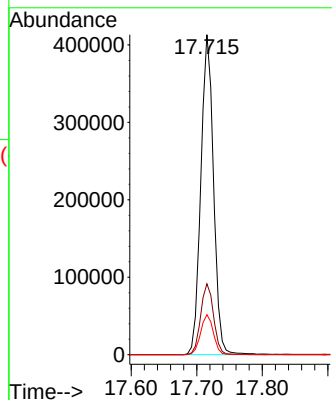
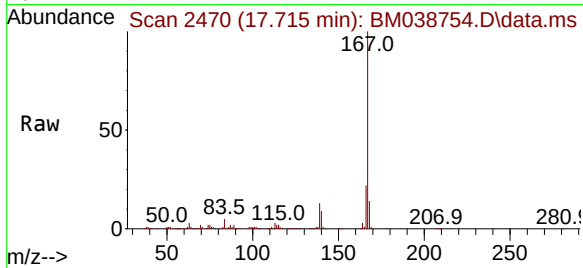




#73
 Carbazole
 Concen: 43.331 ng
 RT: 17.715 min Scan# 2472
 Delta R.T. 0.018 min
 Lab File: BM038754.D
 Acq: 16 Feb 2023 12:38

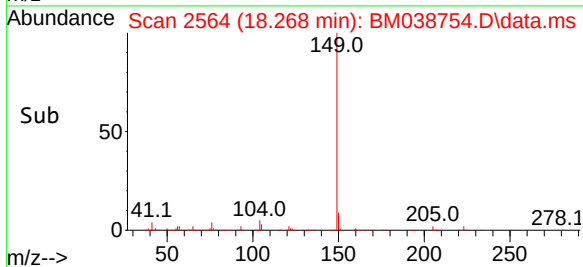
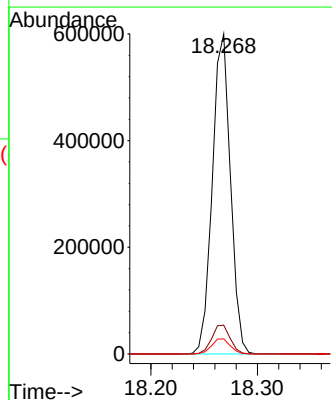
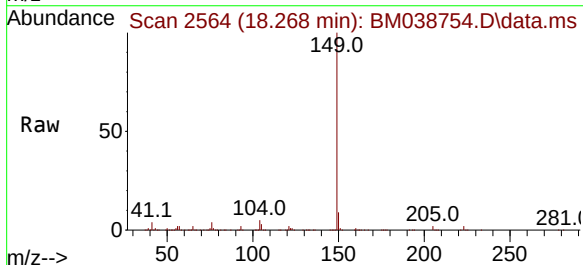
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

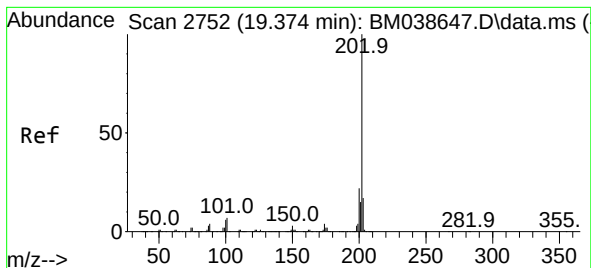
Tgt Ion:167 Resp: 558842
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 12.5 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 48.691 ng
 RT: 18.268 min Scan# 2564
 Delta R.T. 0.024 min
 Lab File: BM038754.D
 Acq: 16 Feb 2023 12:38

Tgt Ion:149 Resp: 709490
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 43.394 ng

RT: 19.362 min Scan# 21

Delta R.T. 0.024 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

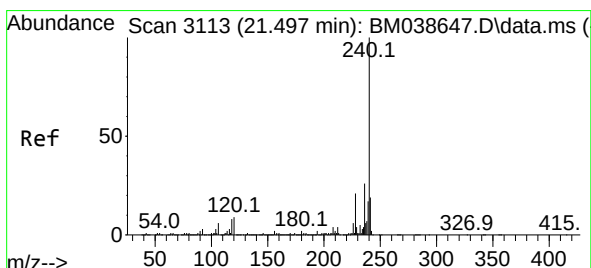
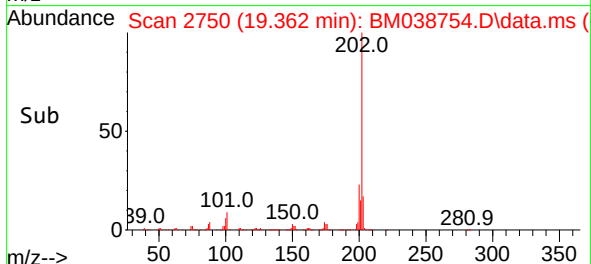
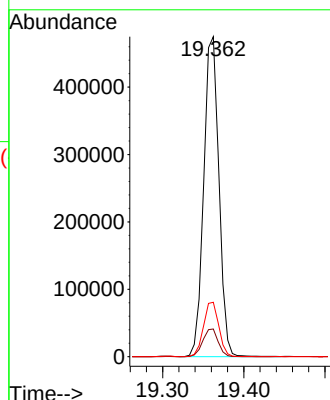
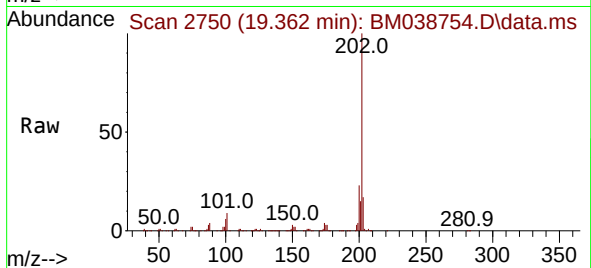
Tgt Ion:202 Resp: 615883

Ion Ratio Lower Upper

202 100

101 8.6 0.0 27.4

203 17.0 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.486 min Scan# 3111

Delta R.T. 0.024 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

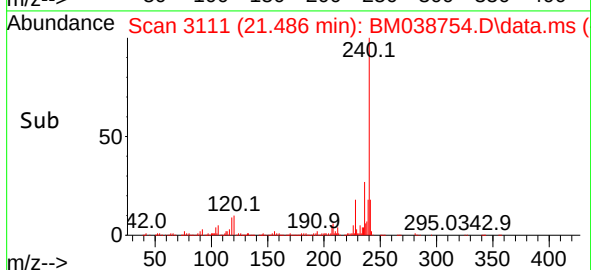
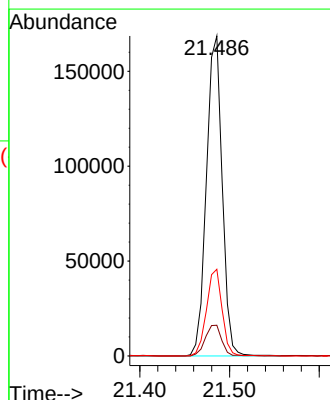
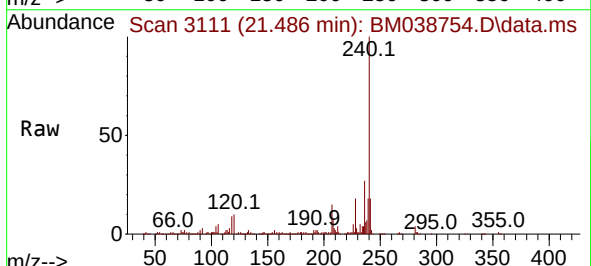
Tgt Ion:240 Resp: 205784

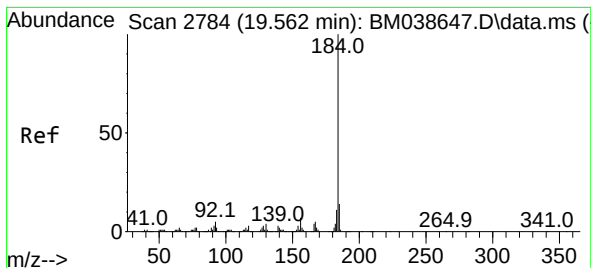
Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.4

236 27.1 20.9 31.3





#77

Benzidine

Concen: 36.136 ng

RT: 19.551 min Scan# 21

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

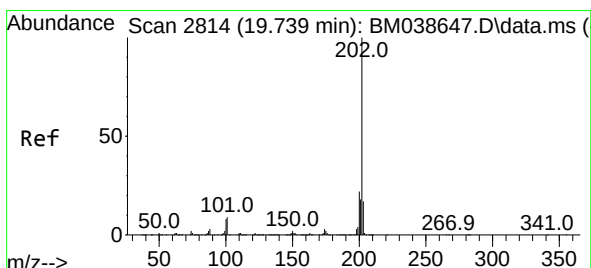
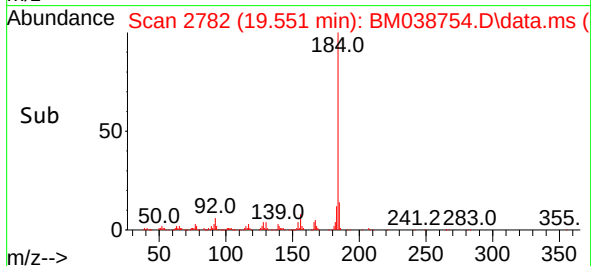
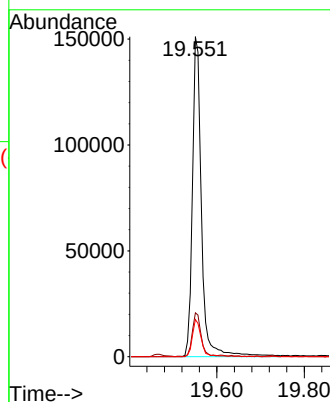
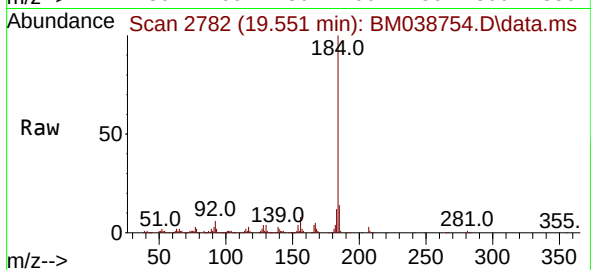
Tgt Ion:184 Resp: 218327

Ion Ratio Lower Upper

184 100

185 13.7 10.8 16.2

183 11.6 8.8 13.2



#78

Pyrene

Concen: 41.254 ng

RT: 19.721 min Scan# 2811

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

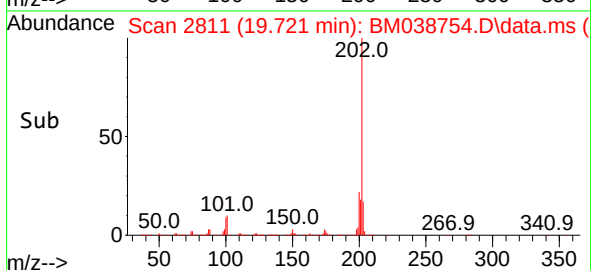
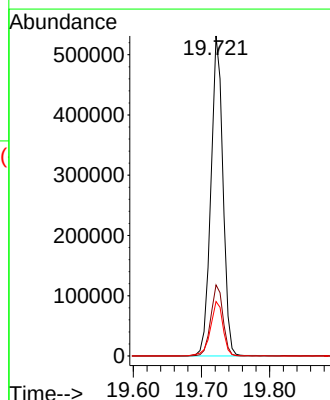
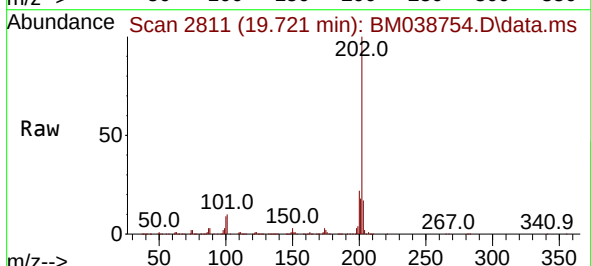
Tgt Ion:202 Resp: 653611

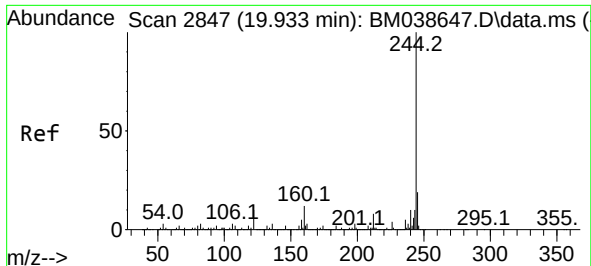
Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.6

203 17.0 13.5 20.3

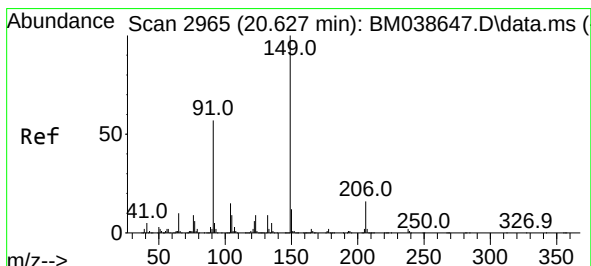
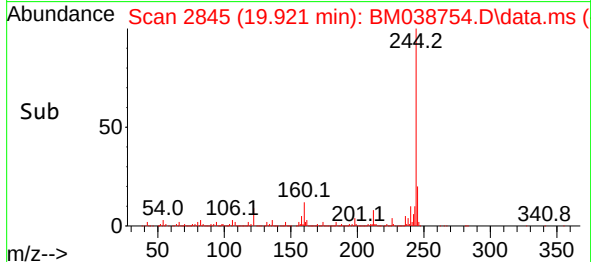
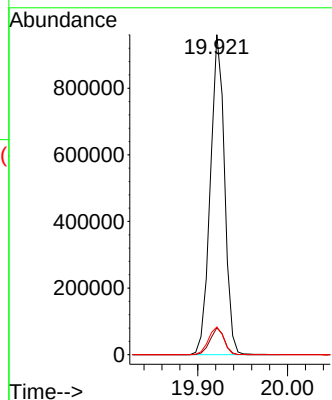
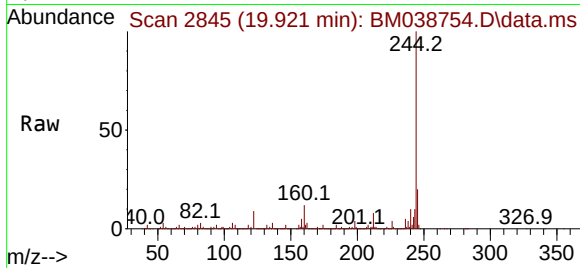




#79
 Terphenyl-d14
 Concen: 90.546 ng
 RT: 19.921 min Scan# 2845
 Delta R.T. 0.018 min
 Lab File: BM038754.D
 Acq: 16 Feb 2023 12:38

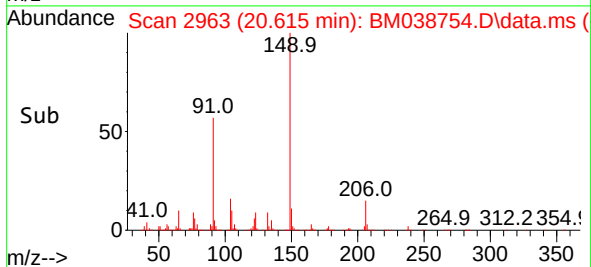
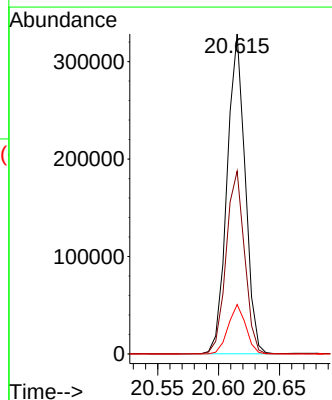
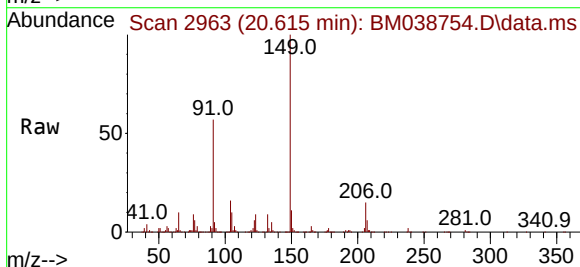
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

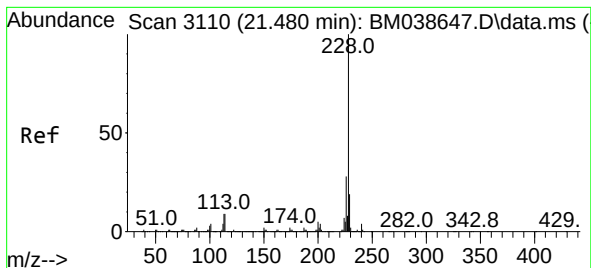
Tgt Ion:244 Resp: 1055888
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 9.8
 122 8.7 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 43.147 ng
 RT: 20.615 min Scan# 2963
 Delta R.T. 0.024 min
 Lab File: BM038754.D
 Acq: 16 Feb 2023 12:38

Tgt Ion:149 Resp: 338703
 Ion Ratio Lower Upper
 149 100
 91 57.1 45.6 68.4
 206 15.5 12.5 18.7





#81

Benzo(a)anthracene

Concen: 42.424 ng

RT: 21.468 min Scan# 3110

Delta R.T. 0.024 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

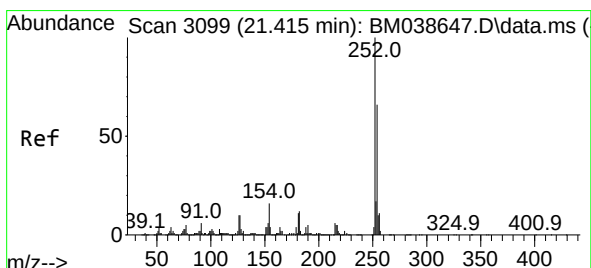
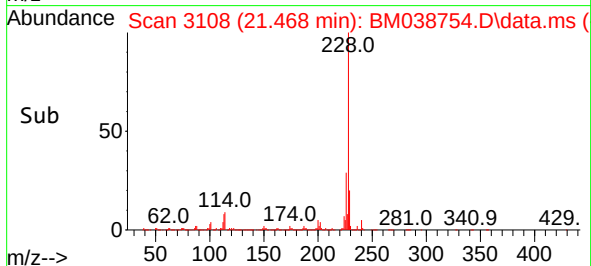
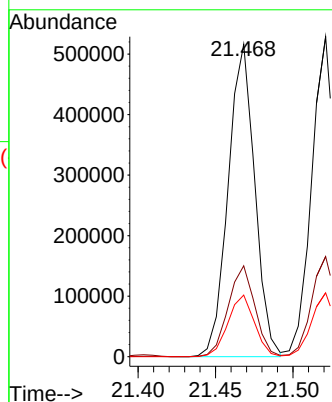
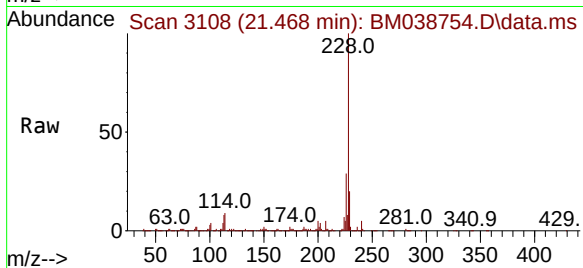
Tgt Ion:228 Resp: 617540

Ion Ratio Lower Upper

228 100

226 29.1 22.2 33.4

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 42.924 ng

RT: 21.403 min Scan# 3097

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

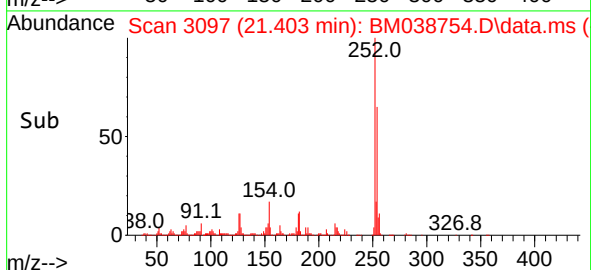
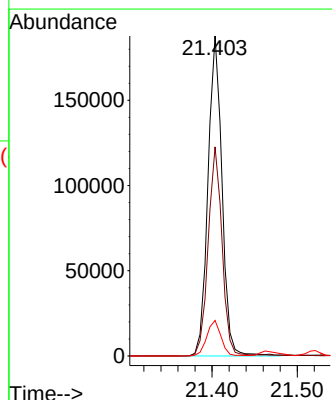
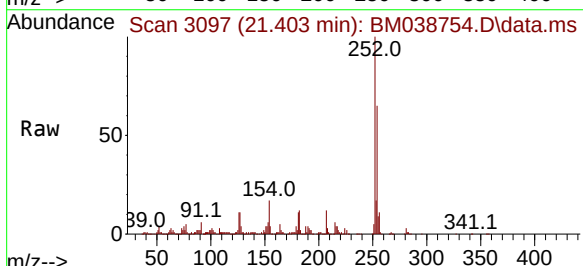
Tgt Ion:252 Resp: 214963

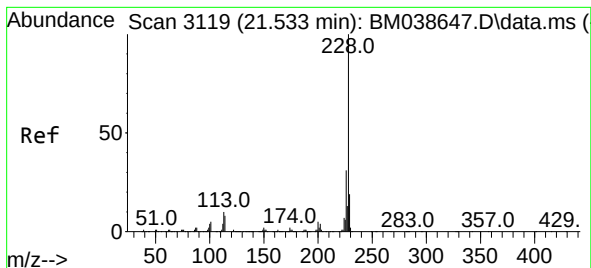
Ion Ratio Lower Upper

252 100

254 65.3 52.8 79.2

126 11.1 8.2 12.2





#83

Chrysene

Concen: 41.793 ng

RT: 21.521 min Scan# 3119

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

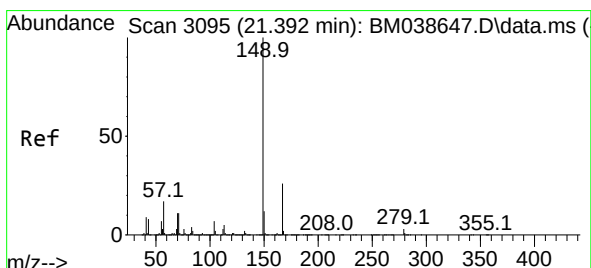
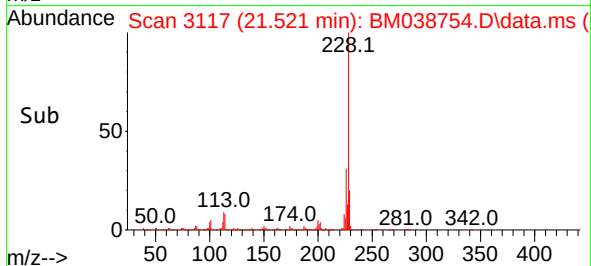
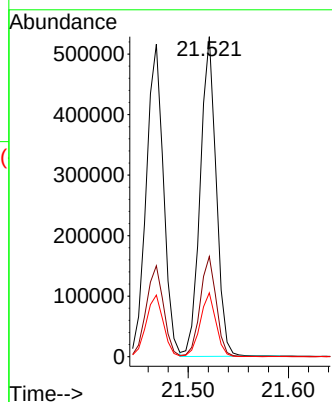
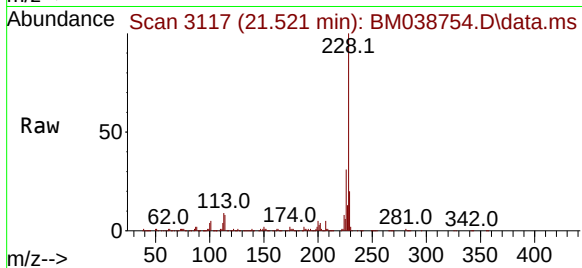
Tgt Ion:228 Resp: 586156

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

229 20.0 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.600 ng

RT: 21.380 min Scan# 3093

Delta R.T. 0.018 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

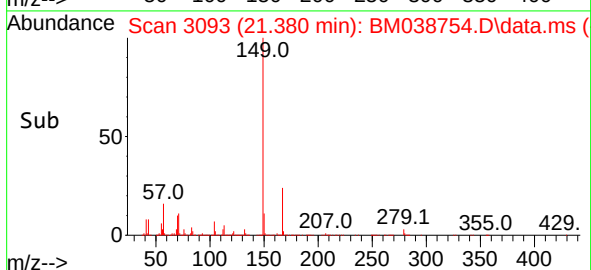
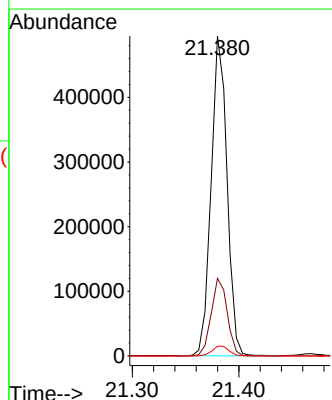
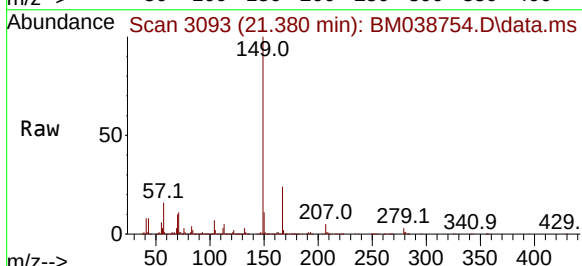
Tgt Ion:149 Resp: 510615

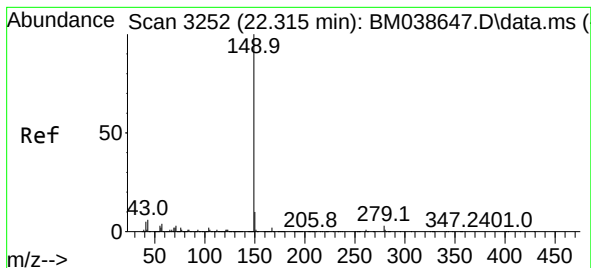
Ion Ratio Lower Upper

149 100

167 24.2 20.8 31.2

279 3.0 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 46.894 ng

RT: 22.298 min Scan# 31

Delta R.T. 0.024 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

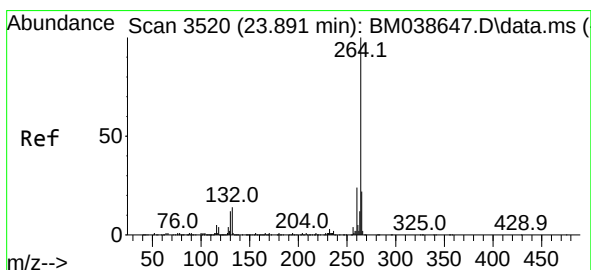
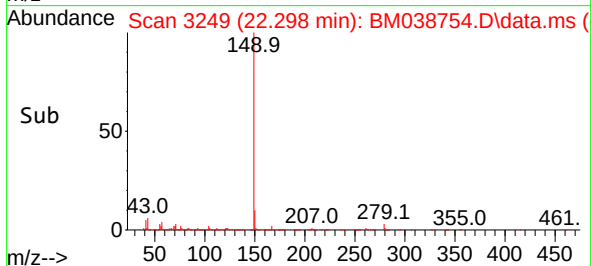
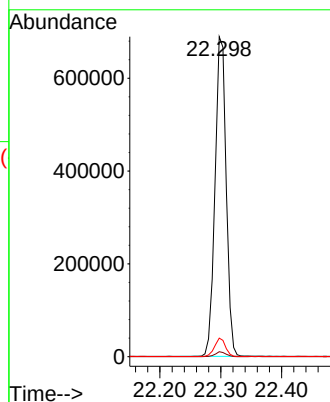
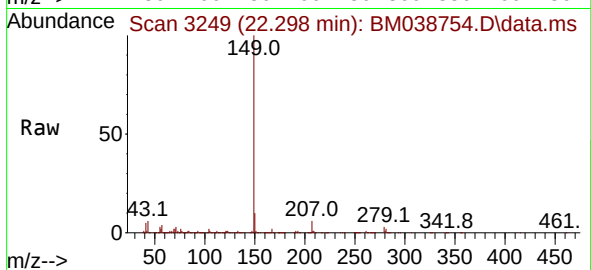
Tgt Ion:149 Resp: 874528

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 5.7 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.868 min Scan# 3516

Delta R.T. 0.030 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

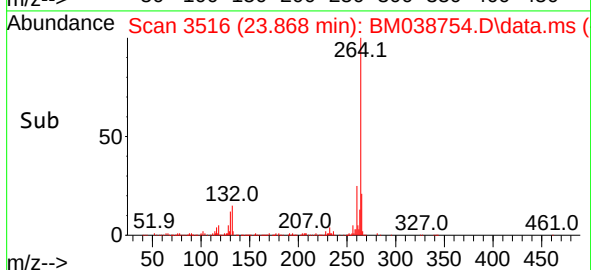
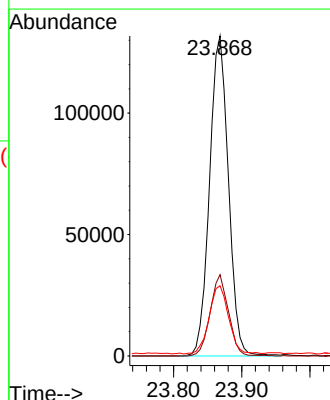
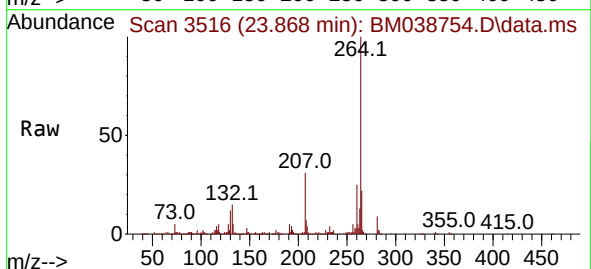
Tgt Ion:264 Resp: 254372

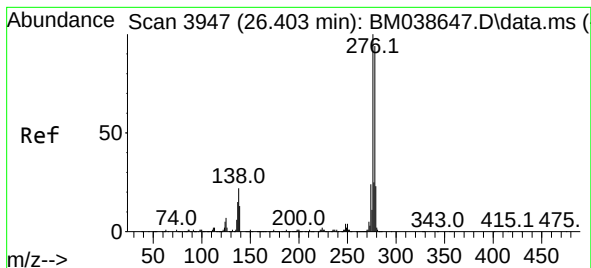
Ion Ratio Lower Upper

264 100

260 25.4 19.6 29.4

265 21.9 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.762 ng

RT: 26.362 min Scan# 3392

Delta R.T. 0.047 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

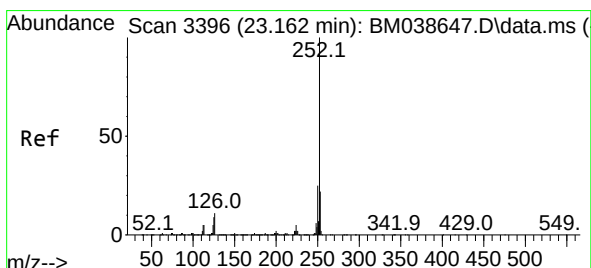
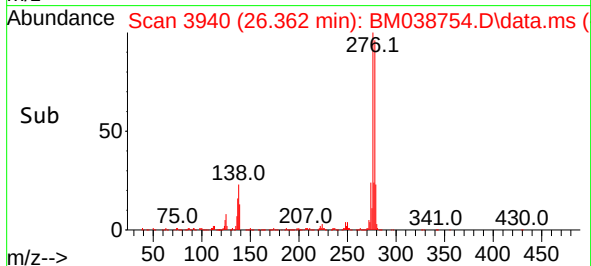
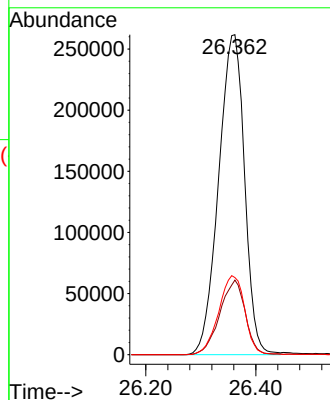
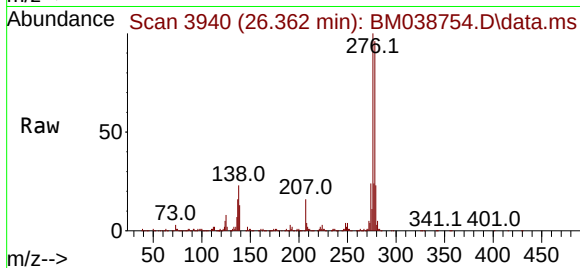
Tgt Ion:276 Resp: 856779

Ion Ratio Lower Upper

276 100

138 23.0 17.2 25.8

277 24.9 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 42.813 ng

RT: 23.139 min Scan# 3392

Delta R.T. 0.024 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

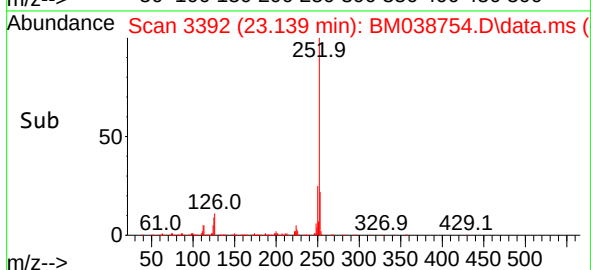
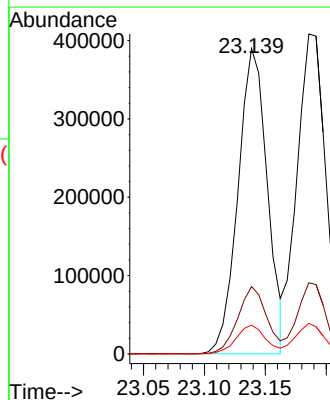
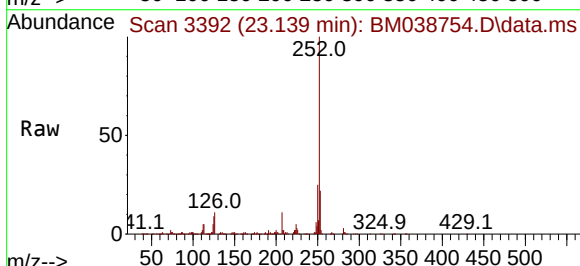
Tgt Ion:252 Resp: 652286

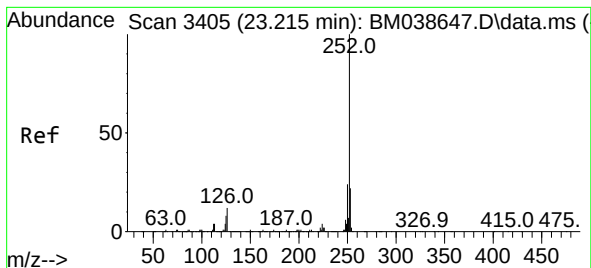
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 9.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 43.639 ng

RT: 23.186 min Scan# 34

Delta R.T. 0.024 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

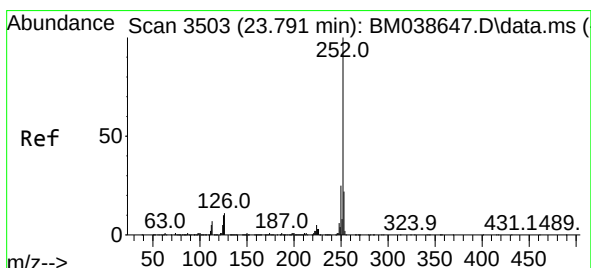
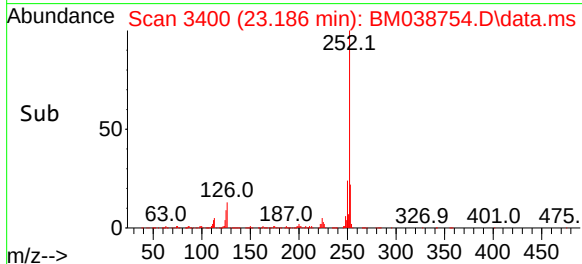
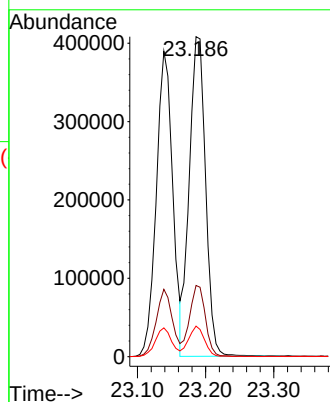
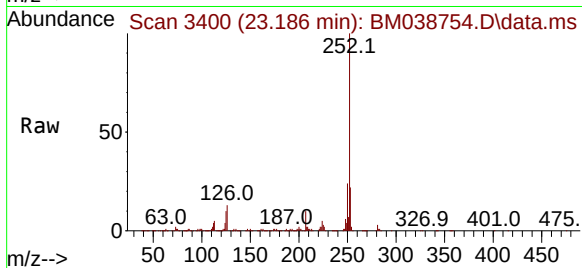
Tgt Ion:252 Resp: 675167

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.6 6.6 9.8



#90

Benzo(a)pyrene

Concen: 42.794 ng

RT: 23.762 min Scan# 3498

Delta R.T. 0.024 min

Lab File: BM038754.D

Acq: 16 Feb 2023 12:38

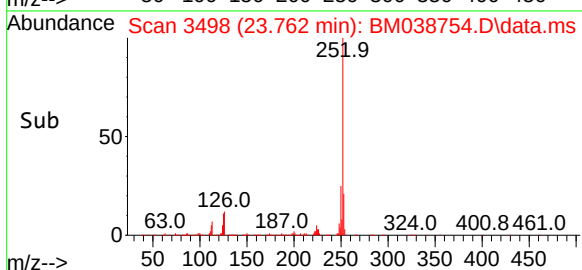
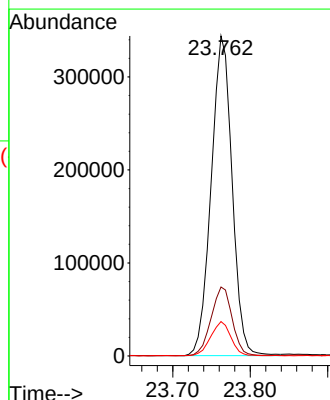
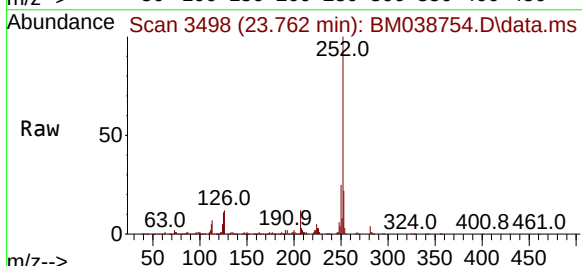
Tgt Ion:252 Resp: 644780

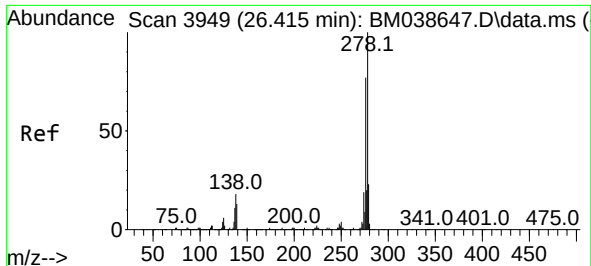
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 10.8 7.8 11.8

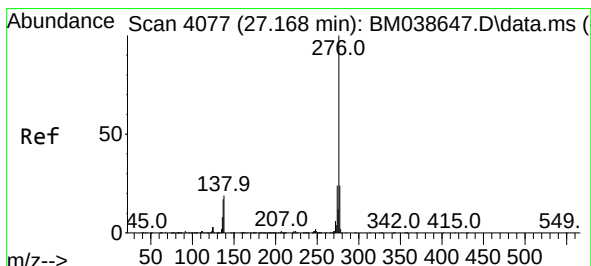
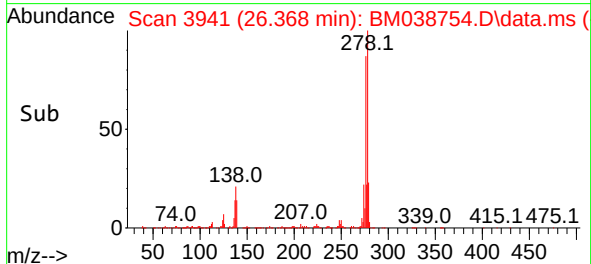
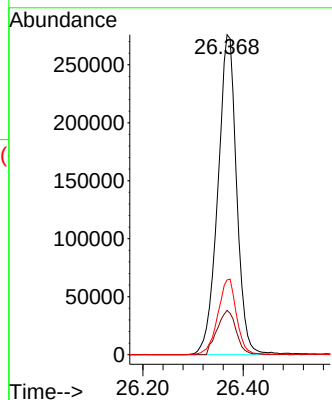
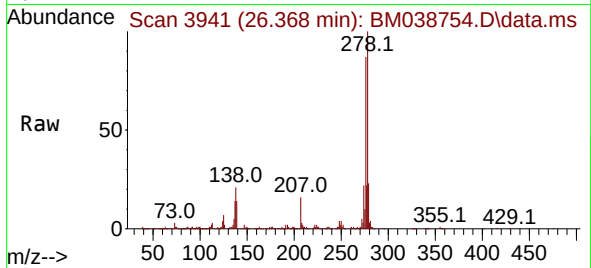




#91
Dibenzo(a,h)anthracene
Concen: 42.542 ng
RT: 26.368 min Scan# 3949
Delta R.T. 0.041 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 717131
Ion Ratio Lower Upper
278 100
139 13.8 10.5 15.7
279 23.3 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 40.707 ng
RT: 27.127 min Scan# 4070
Delta R.T. 0.047 min
Lab File: BM038754.D
Acq: 16 Feb 2023 12:38

Tgt Ion:276 Resp: 693636
Ion Ratio Lower Upper
276 100
277 24.5 19.1 28.7
138 19.8 15.3 22.9

