

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051823\
 Data File : BM039947.D
 Acq On : 18 May 2023 12:16
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: May 19 05:18:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 15:26:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	312946	20.000	ng	0.00
21) Naphthalene-d8	10.842	136	1466437	20.000	ng	0.00
39) Acenaphthene-d10	14.665	164	910935	20.000	ng	0.00
64) Phenanthrene-d10	17.406	188	1917462	20.000	ng	0.00
76) Chrysene-d12	21.583	240	2071289	20.000	ng	0.00
86) Perylene-d12	24.041	264	2182648	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	1512532	78.545	ng	0.00
7) Phenol-d6	7.178	99	2159892	84.177	ng	0.00
23) Nitrobenzene-d5	9.195	82	2189236	87.434	ng	0.00
42) 2,4,6-Tribromophenol	16.148	330	1144938	71.898	ng	0.00
45) 2-Fluorobiphenyl	13.295	172	5815524	81.664	ng	0.00
79) Terphenyl-d14	20.018	244	10199983	89.126	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.425	88	279716	38.444	ng	99
3) Pyridine	3.831	79	869251	42.228	ng	99
4) n-Nitrosodimethylamine	3.743	42	302554	40.808	ng	94
6) Aniline	7.348	93	1354802	42.456	ng	100
8) 2-Chlorophenol	7.584	128	873914	40.562	ng	98
9) Benzaldehyde	7.160	77	484102	43.733	ng	99
10) Phenol	7.201	94	1064022	41.266	ng	98
11) bis(2-Chloroethyl)ether	7.442	93	870590	40.320	ng	97
12) 1,3-Dichlorobenzene	7.913	146	851051	38.169	ng	98
13) 1,4-Dichlorobenzene	8.066	146	874747	38.249	ng	99
14) 1,2-Dichlorobenzene	8.383	146	880130	38.920	ng	98
15) Benzyl Alcohol	8.266	79	781936	45.752	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.566	45	984855	41.080	ng	100
17) 2-Methylphenol	8.466	107	808458	42.676	ng	98
18) Hexachloroethane	9.119	117	330219	41.500	ng	99
19) n-Nitroso-di-n-propyla...	8.842	70	785726	46.138	ng	98
20) 3+4-Methylphenols	8.795	107	1094960	43.474	ng	98
22) Acetophenone	8.854	105	1531442	39.596	ng	# 99
24) Nitrobenzene	9.236	77	1075569	42.491	ng	97
25) Isophorone	9.766	82	2134701	41.397	ng	99
26) 2-Nitrophenol	9.954	139	411942	41.067	ng	99
27) 2,4-Dimethylphenol	10.007	122	881603	40.194	ng	99
28) bis(2-Chloroethoxy)met...	10.248	93	1286010	40.692	ng	99
29) 2,4-Dichlorophenol	10.483	162	822216	39.463	ng	99
30) 1,2,4-Trichlorobenzene	10.707	180	845245	37.106	ng	98
31) Naphthalene	10.895	128	3057162	38.424	ng	100
32) Benzoic acid	10.125	122	508059	38.399	ng	98
33) 4-Chloroaniline	11.001	127	1444956	41.493	ng	99
34) Hexachlorobutadiene	11.183	225	457520	35.239	ng	99
35) Caprolactam	11.772	113	303605	48.496	ng	98
36) 4-Chloro-3-methylphenol	12.113	107	970914	43.594	ng	97
37) 2-Methylnaphthalene	12.501	142	2218113	39.135	ng	98
38) 1-Methylnaphthalene	12.719	142	2104321	39.413	ng	100
40) 1,2,4,5-Tetrachloroben...	12.860	216	1002018	36.463	ng	99
41) Hexachlorocyclopentadiene	12.848	237	471803	38.660	ng	100
43) 2,4,6-Trichlorophenol	13.095	196	664719	39.592	ng	99

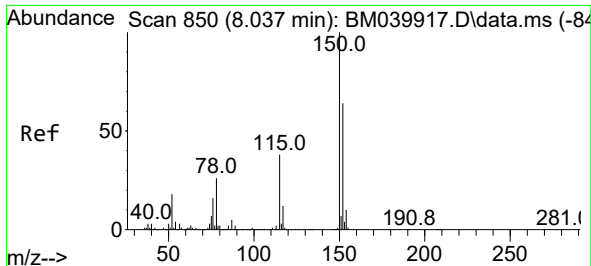
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051823\
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Quant Time: May 19 05:18:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 15:26:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.166	196	804358	40.607	ng	98
46) 1,1'-Biphenyl	13.501	154	2901403	38.448	ng	99
47) 2-Chloronaphthalene	13.542	162	2132273	38.094	ng	98
48) 2-Nitroaniline	13.742	65	625202	44.683	ng	95
49) Acenaphthylene	14.389	152	3570965	39.562	ng	99
50) Dimethylphthalate	14.118	163	2889380	40.674	ng	99
51) 2,6-Dinitrotoluene	14.236	165	569444	39.354	ng	94
52) Acenaphthene	14.730	154	2349830	39.960	ng	99
53) 3-Nitroaniline	14.565	138	694368	41.411	ng	99
54) 2,4-Dinitrophenol	14.765	184	227002	44.181	ng	98
55) Dibenzofuran	15.060	168	3468733	39.574	ng	100
56) 4-Nitrophenol	14.854	139	561208	45.528	ng	95
57) 2,4-Dinitrotoluene	15.018	165	766223	40.178	ng	98
58) Fluorene	15.707	166	3201374	41.566	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.283	232	659832	40.505	ng	97
60) Diethylphthalate	15.483	149	3014100	41.151	ng	99
61) 4-Chlorophenyl-phenyle...	15.701	204	1501288	39.280	ng	96
62) 4-Nitroaniline	15.724	138	803212	44.247	ng	99
63) Azobenzene	15.995	77	2942689	41.995	ng	97
65) 4,6-Dinitro-2-methylph...	15.777	198	334486	41.075	ng	94
66) n-Nitrosodiphenylamine	15.912	169	2530306	38.292	ng	100
67) 4-Bromophenyl-phenylether	16.595	248	808497	36.238	ng	96
68) Hexachlorobenzene	16.706	284	959979	36.546	ng	95
69) Atrazine	16.865	200	691065	40.928	ng	100
70) Pentachlorophenol	17.048	266	637754	37.558	ng	99
71) Phenanthrene	17.448	178	4505172	39.799	ng	100
72) Anthracene	17.536	178	4597978	40.588	ng	100
73) Carbazole	17.806	167	4273764	41.800	ng	100
74) Di-n-butylphthalate	18.371	149	5248818	45.540	ng	100
75) Fluoranthene	19.459	202	4980146	43.811	ng	99
77) Benzidine	19.636	184	1225569	43.997	ng	100
78) Pyrene	19.818	202	5388496	36.646	ng	99
80) Butylbenzylphthalate	20.718	149	2167452	40.747	ng	98
81) Benzo(a)anthracene	21.565	228	5730496	40.273	ng	99
82) 3,3'-Dichlorobenzidine	21.494	252	1856498	41.656	ng	98
83) Chrysene	21.618	228	5432226	40.527	ng	99
84) Bis(2-ethylhexyl)phtha...	21.494	149	3897799	39.592	ng	98
85) Di-n-octyl phthalate	22.447	149	5564384	39.925	ng	99
87) Indeno(1,2,3-cd)pyrene	26.612	276	7329761	47.444	ng	99
88) Benzo(b)fluoranthene	23.288	252	5477326	38.431	ng	99
89) Benzo(k)fluoranthene	23.341	252	5734605	37.296	ng	100
90) Benzo(a)pyrene	23.935	252	5243136	39.802	ng	100
91) Dibenzo(a,h)anthracene	26.629	278	6310109	47.088	ng	100
92) Benzo(g,h,i)perylene	27.400	276	5403103	46.816	ng	100

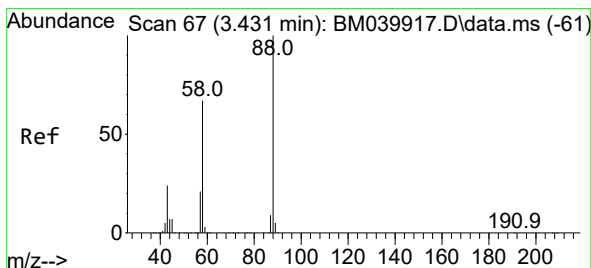
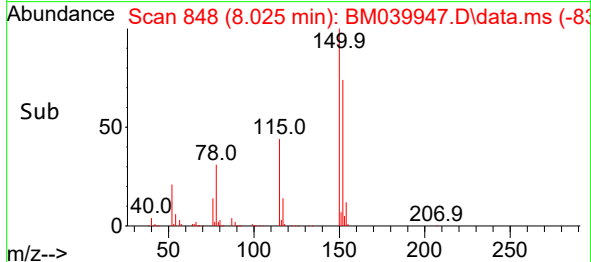
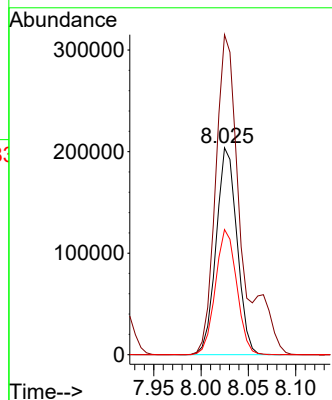
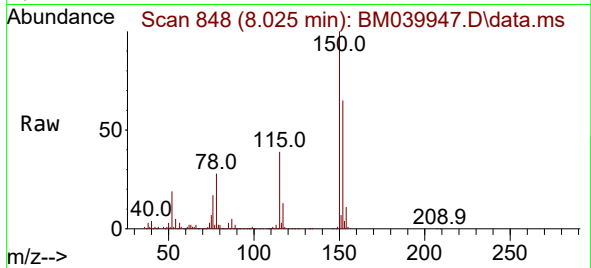
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.025 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BM039947.D
 Acq: 18 May 2023 12:16

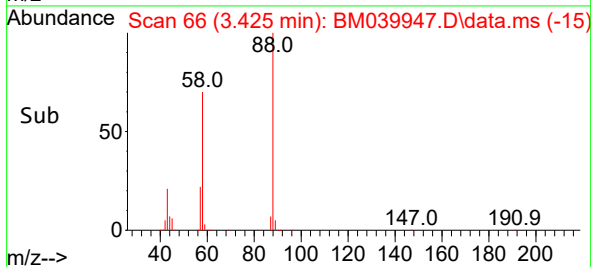
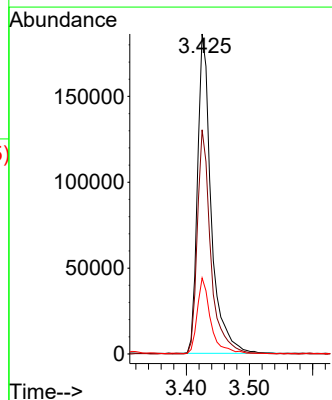
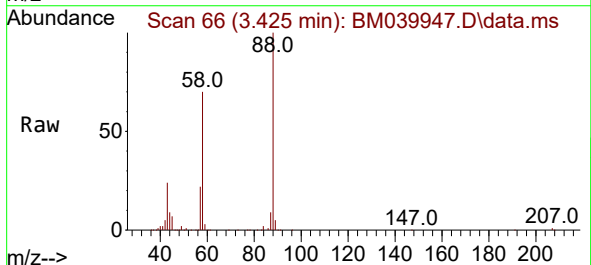
Instrument :
 BNA_M
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 SSTDCCC040

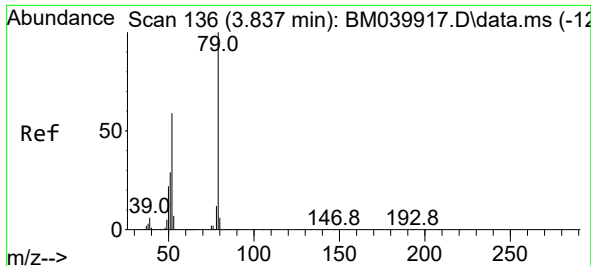
Tgt Ion:152 Resp: 312946
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.0 187.4
 115 60.5 47.0 70.6



#2
 1,4-Dioxane
 Concen: 38.444 ng
 RT: 3.425 min Scan# 66
 Delta R.T. 0.000 min
 Lab File: BM039947.D
 Acq: 18 May 2023 12:16

Tgt Ion: 88 Resp: 279716
 Ion Ratio Lower Upper
 88 100
 58 69.1 54.4 81.6
 43 23.3 19.1 28.7

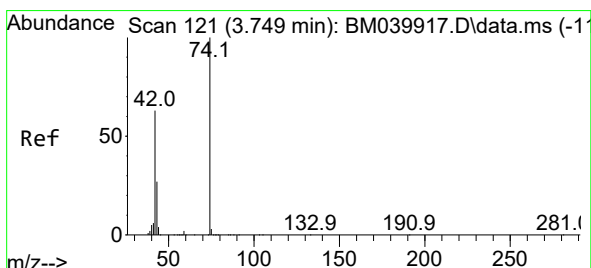
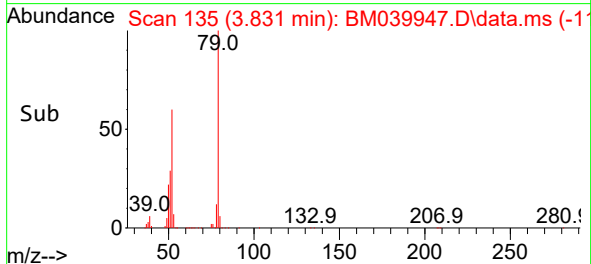
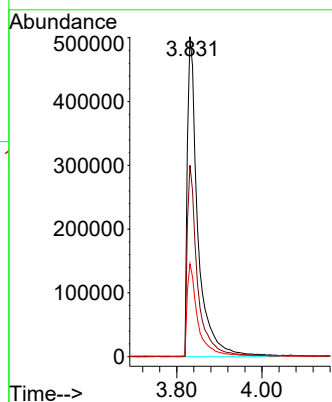
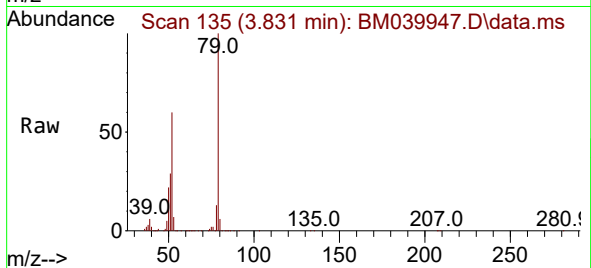




#3
Pyridine
Concen: 42.228 ng
RT: 3.831 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

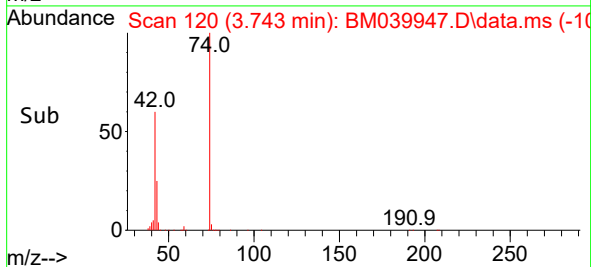
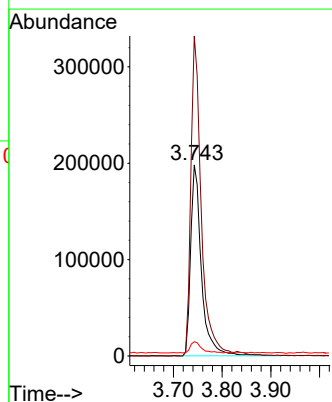
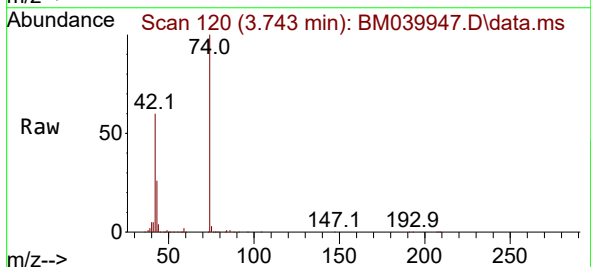
Instrument :
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ClientSampleId :
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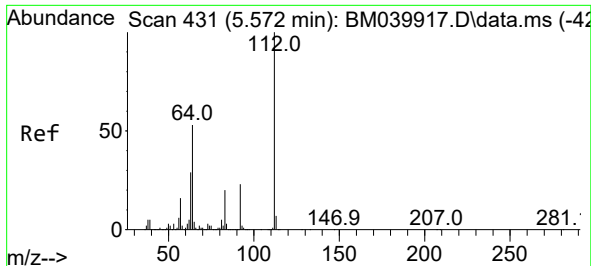
Tgt Ion: 79 Resp: 869251
Ion Ratio Lower Upper
79 100
52 59.8 46.8 70.2
51 29.0 23.6 35.4



#4
n-Nitrosodimethylamine
Concen: 40.808 ng
RT: 3.743 min Scan# 120
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion: 42 Resp: 302554
Ion Ratio Lower Upper
42 100
74 167.5 127.8 191.6
44 7.5 5.8 8.8

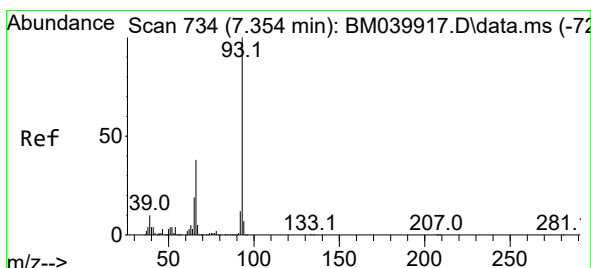
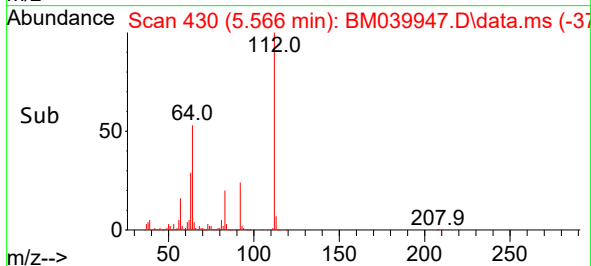
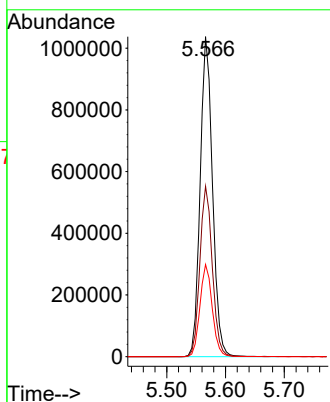
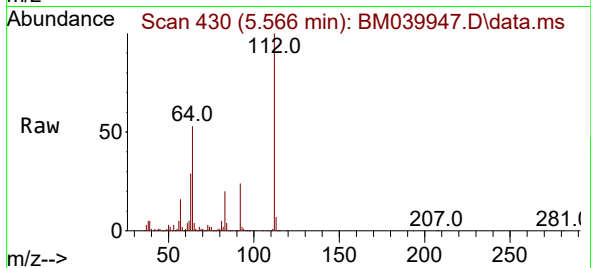




#5
2-Fluorophenol
Concen: 78.545 ng
RT: 5.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

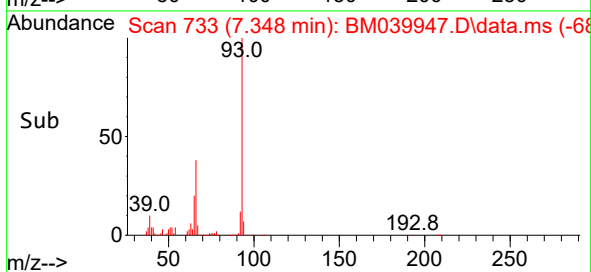
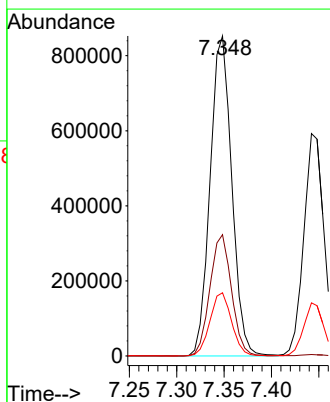
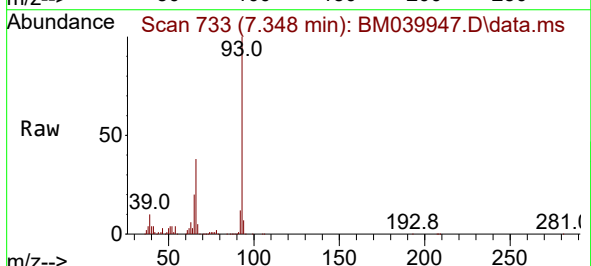
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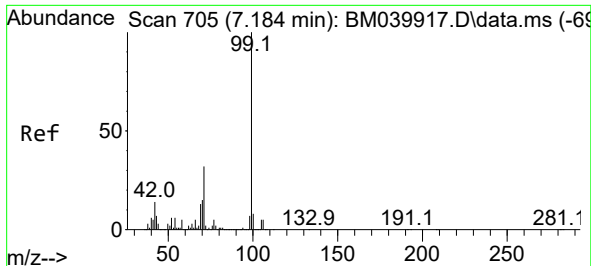
Tgt Ion:112 Resp: 1512532
Ion Ratio Lower Upper
112 100
64 53.3 42.6 64.0
63 28.8 23.3 34.9



#6
Aniline
Concen: 42.456 ng
RT: 7.348 min Scan# 733
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion: 93 Resp: 1354802
Ion Ratio Lower Upper
93 100
66 37.9 30.4 45.6
65 19.8 15.5 23.3

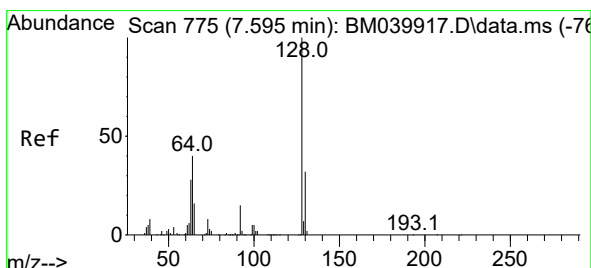
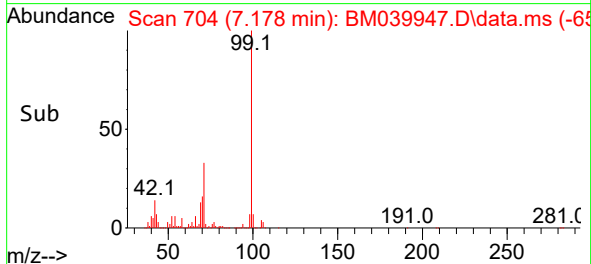
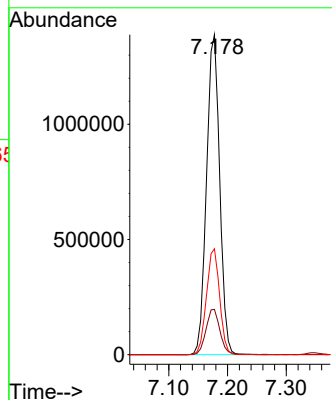
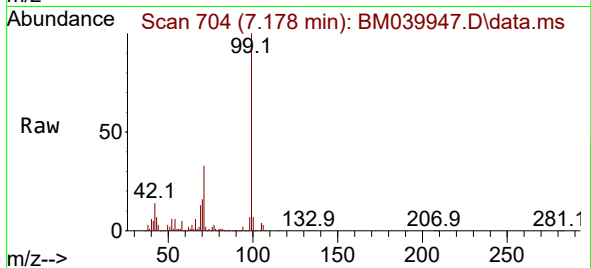




#7
Phenol-d6
Concen: 84.177 ng
RT: 7.178 min Scan# 704
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

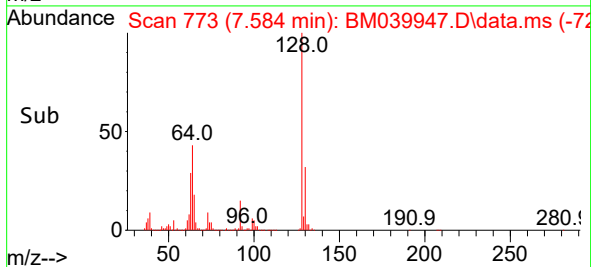
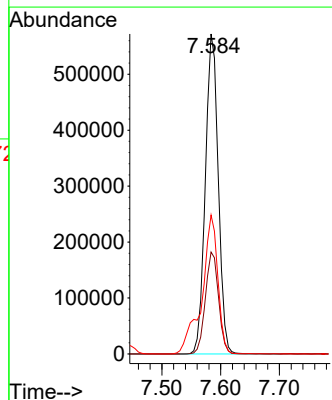
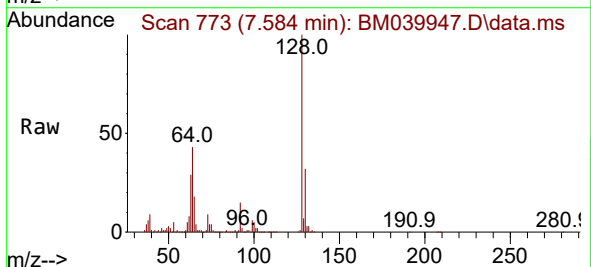
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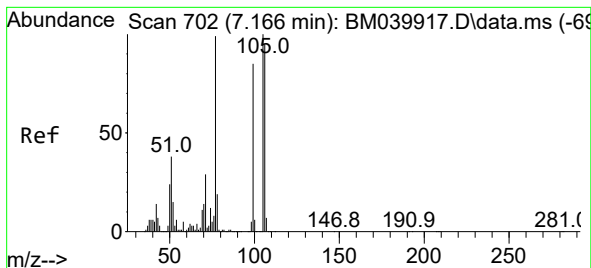
Tgt Ion: 99 Resp: 2159892
Ion Ratio Lower Upper
99 100
42 14.1 11.5 17.3
71 33.1 25.7 38.5



#8
2-Chlorophenol
Concen: 40.562 ng
RT: 7.584 min Scan# 773
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion: 128 Resp: 873914
Ion Ratio Lower Upper
128 100
130 31.9 12.3 52.3
64 43.4 21.8 61.8





#9

Benzaldehyde

Concen: 43.733 ng

RT: 7.160 min Scan# 702

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

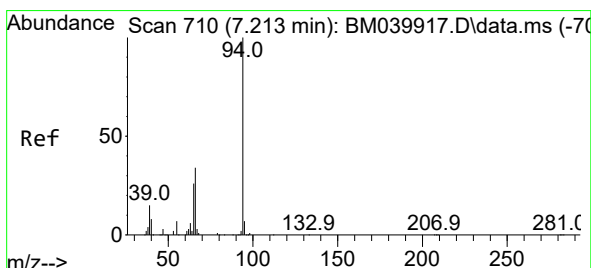
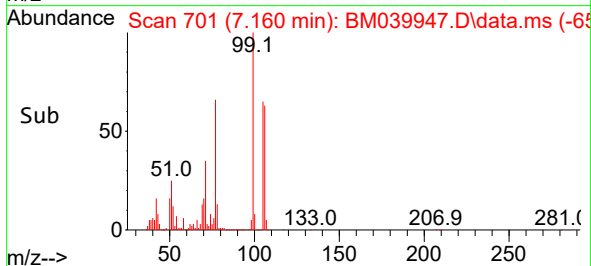
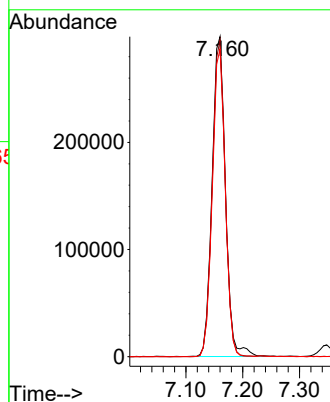
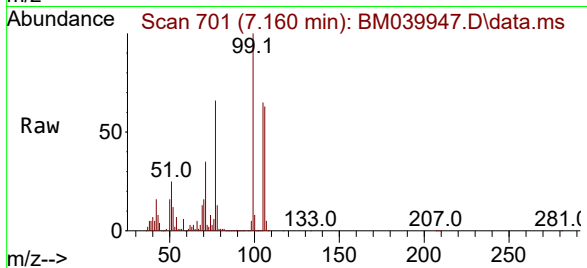
Tgt Ion: 77 Resp: 484102

Ion Ratio Lower Upper

77 100

105 99.0 81.2 121.2

106 96.1 76.2 116.2



#10

Phenol

Concen: 41.266 ng

RT: 7.201 min Scan# 708

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

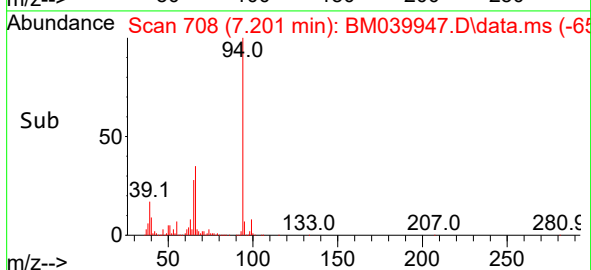
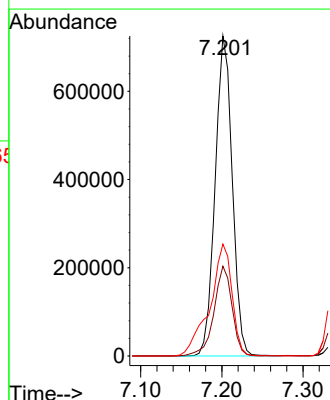
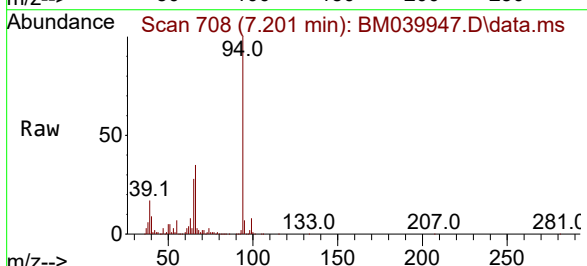
Tgt Ion: 94 Resp: 1064022

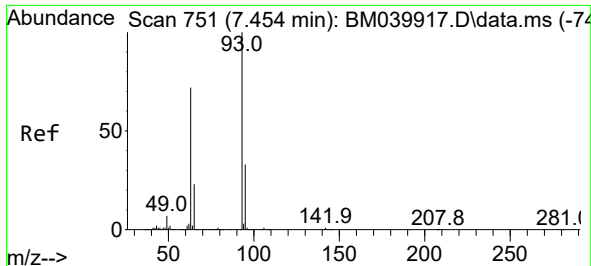
Ion Ratio Lower Upper

94 100

65 28.1 6.4 46.4

66 34.9 14.7 54.7

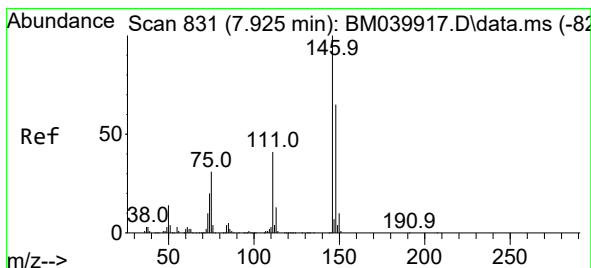
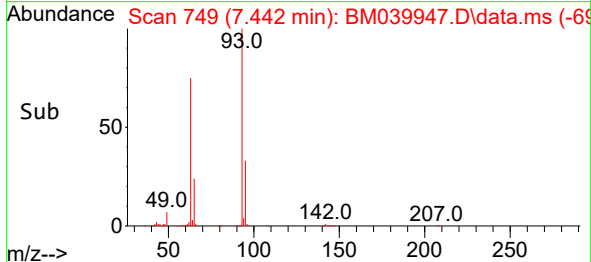
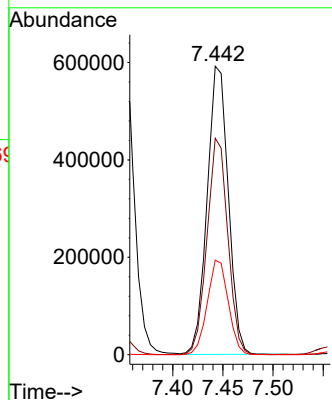
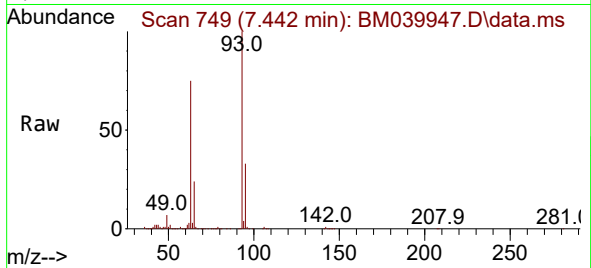




#11
bis(2-Chloroethyl)ether
Concen: 40.320 ng
RT: 7.442 min Scan# 749
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

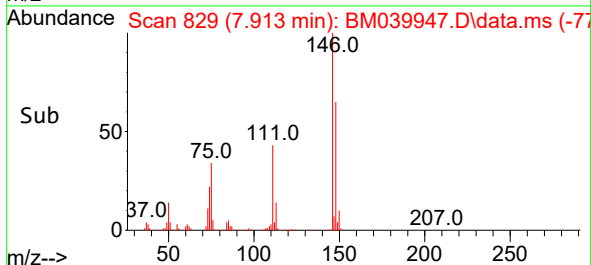
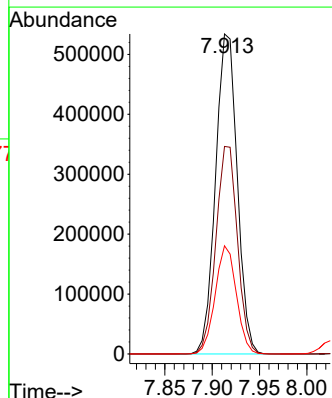
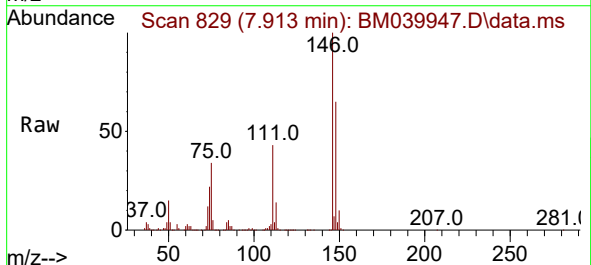
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

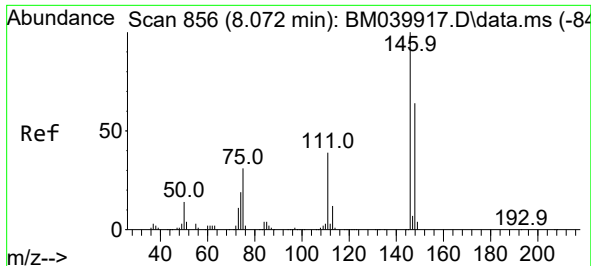
Tgt Ion: 93 Resp: 870590
Ion Ratio Lower Upper
93 100
63 75.1 52.0 92.0
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.169 ng
RT: 7.913 min Scan# 829
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion:146 Resp: 851051
Ion Ratio Lower Upper
146 100
148 64.9 51.7 77.5
75 33.8 24.7 37.1

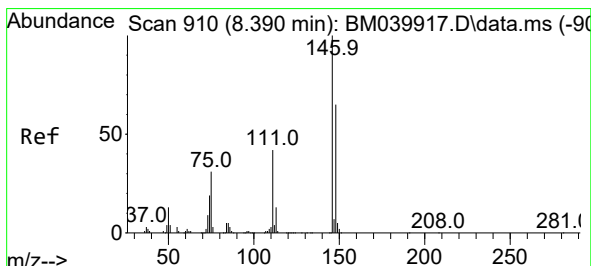
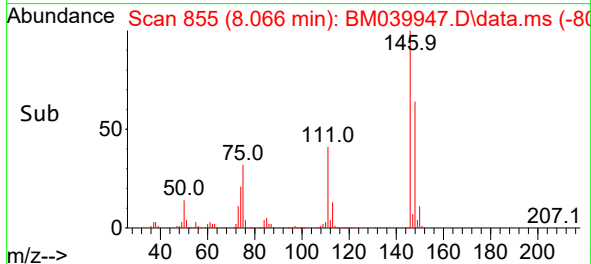
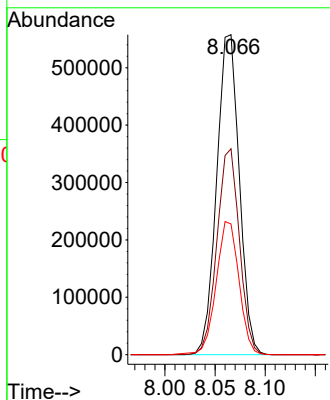
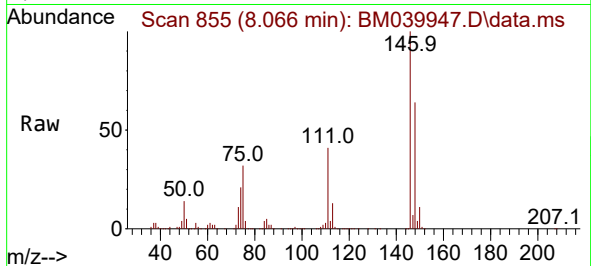




#13
1,4-Dichlorobenzene
Concen: 38.249 ng
RT: 8.066 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

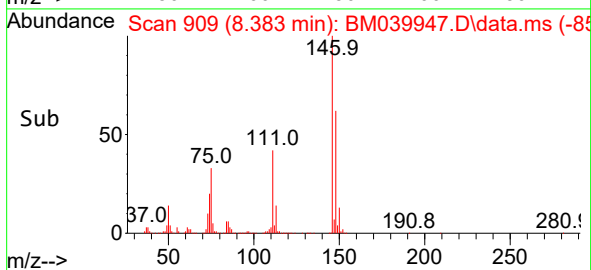
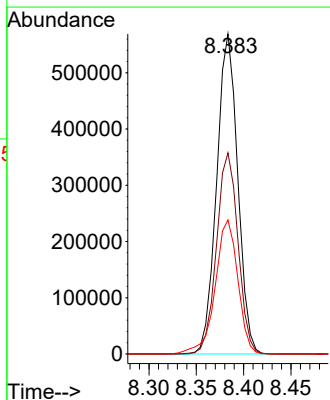
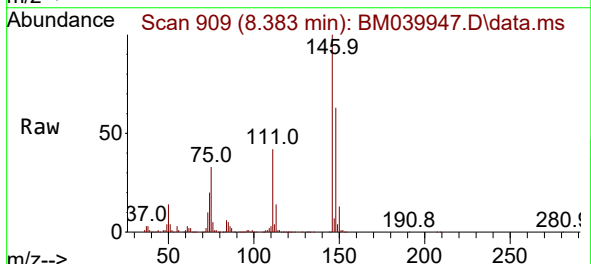
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

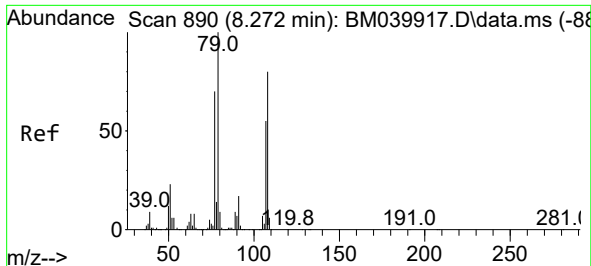
Tgt Ion:146 Resp: 874747
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
111 40.9 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 38.920 ng
RT: 8.383 min Scan# 909
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion:146 Resp: 880130
Ion Ratio Lower Upper
146 100
148 62.8 51.9 77.9
111 41.9 34.0 51.0

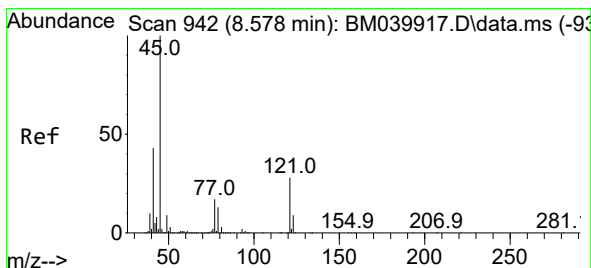
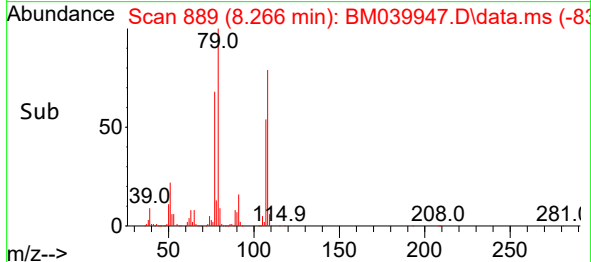
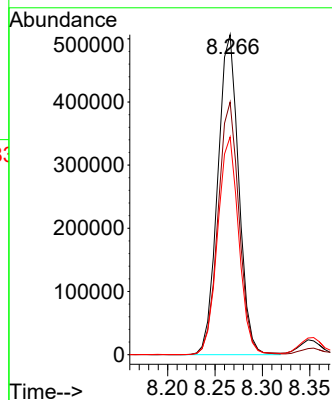
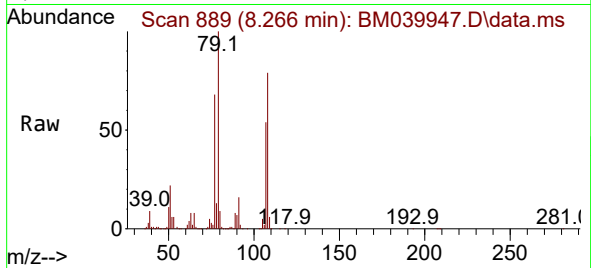




#15
Benzyl Alcohol
Concen: 45.752 ng
RT: 8.266 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

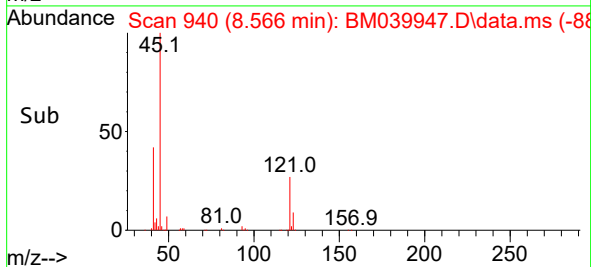
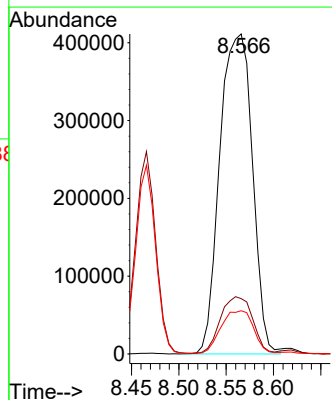
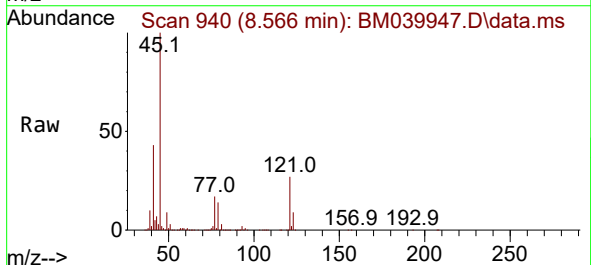
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

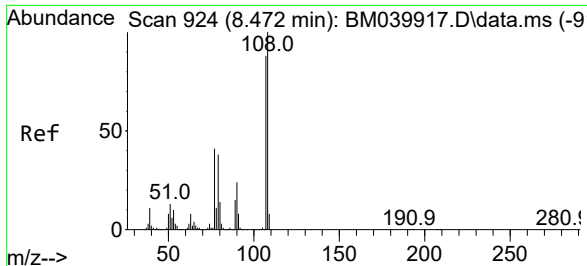
Tgt Ion: 79 Resp: 781936
Ion Ratio Lower Upper
79 100
108 79.0 63.7 95.5
77 68.1 55.8 83.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.080 ng
RT: 8.566 min Scan# 940
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion: 45 Resp: 984855
Ion Ratio Lower Upper
45 100
77 17.3 0.0 37.3
79 13.5 0.0 33.6

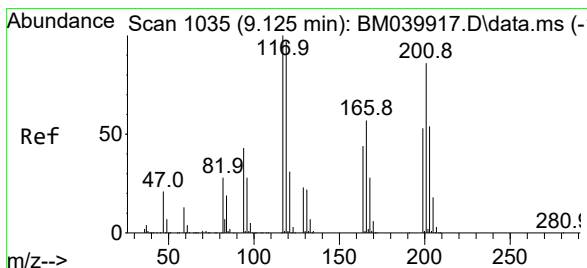
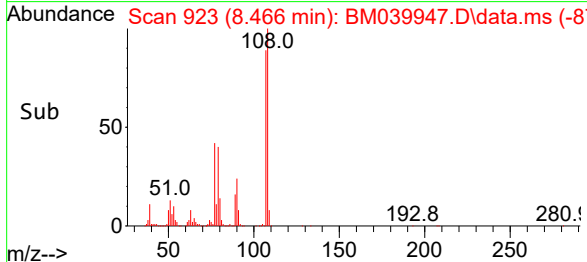
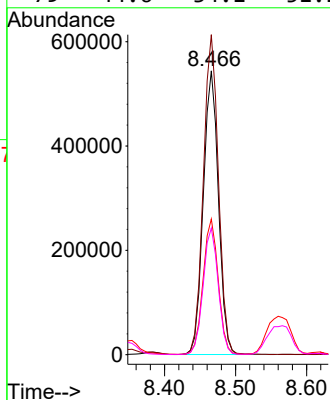
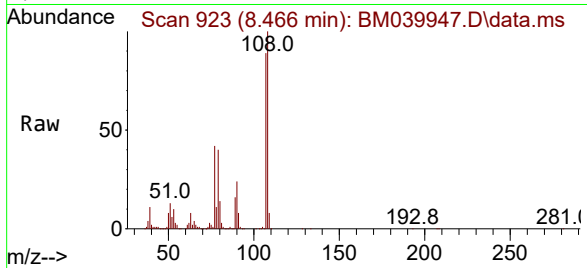




#17
2-Methylphenol
Concen: 42.676 ng
RT: 8.466 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

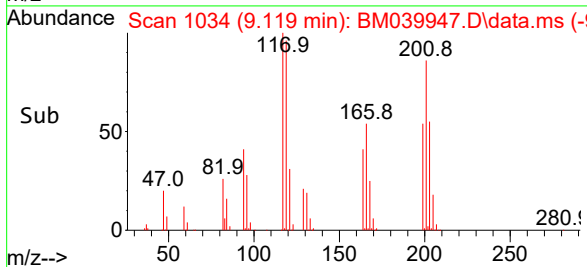
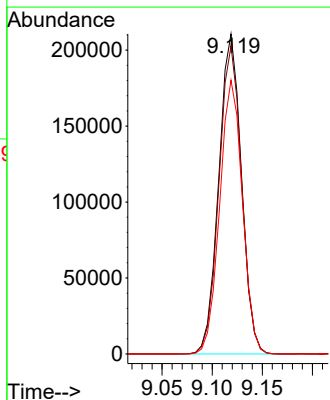
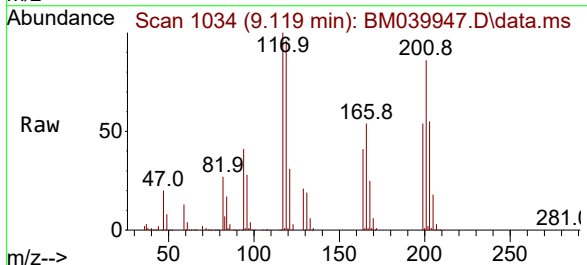
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

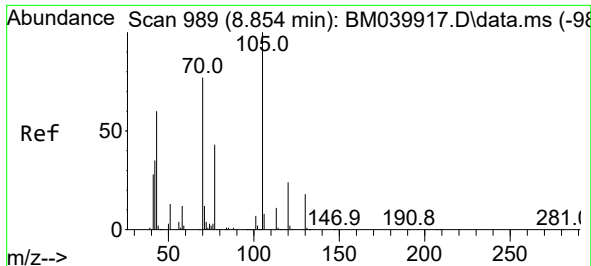
Tgt	Ion:107	Resp:	808458
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.7	136.1
77	47.8	36.9	55.3
79	44.6	34.1	51.1



#18
Hexachloroethane
Concen: 41.500 ng
RT: 9.119 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt	Ion:117	Resp:	330219
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.5	116.3
201	85.6	69.2	103.8



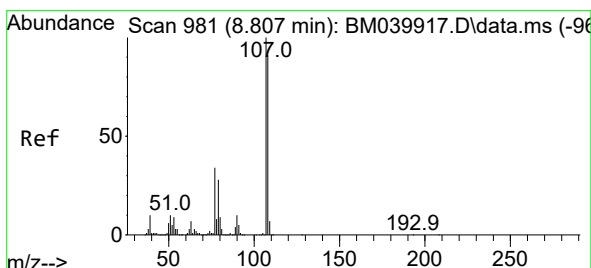
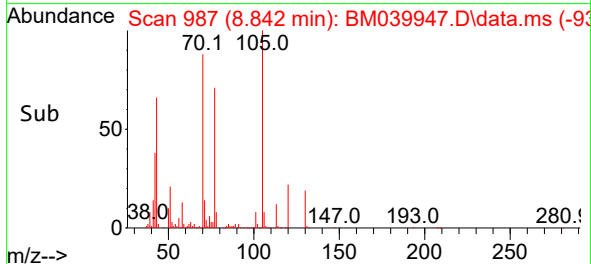
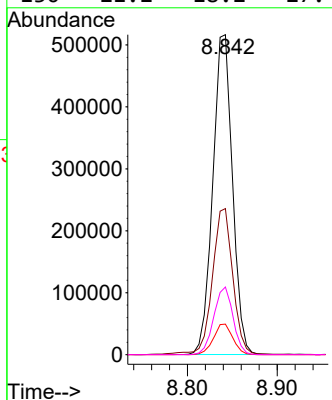
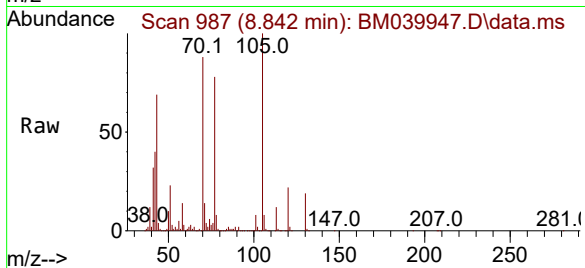


#19
n-Nitroso-di-n-propylamine
Concen: 46.138 ng
RT: 8.842 min Scan# 987
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 785726

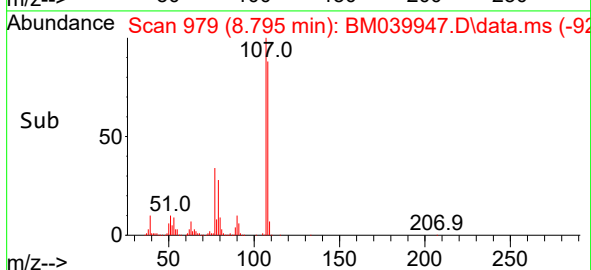
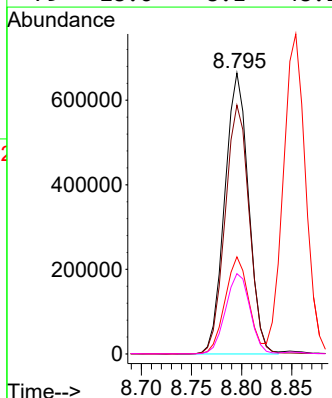
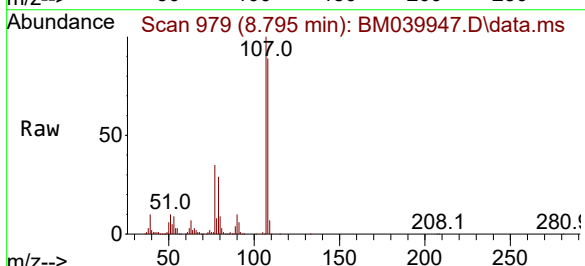
Ion	Ratio	Lower	Upper
70	100		
42	45.7	37.1	55.7
101	9.5	7.7	11.5
130	21.2	18.2	27.4

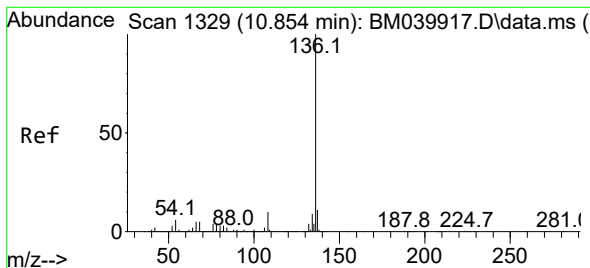


#20
3+4-Methylphenols
Concen: 43.474 ng
RT: 8.795 min Scan# 979
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion: 107 Resp: 1094960

Ion	Ratio	Lower	Upper
107	100		
108	88.6	71.0	111.0
77	34.6	13.7	53.7
79	28.6	8.1	48.1

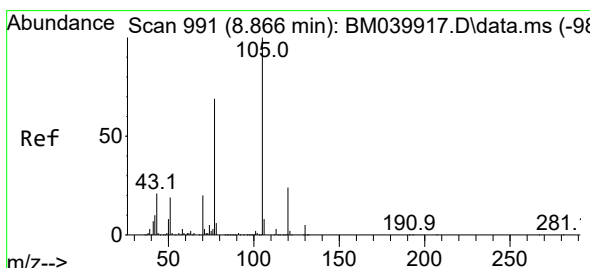
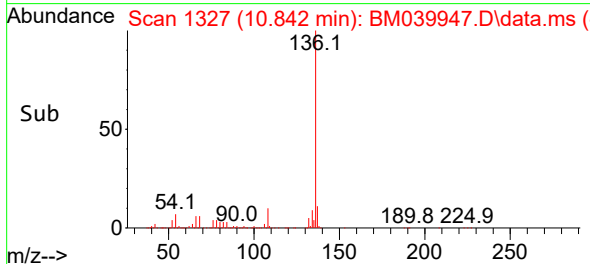
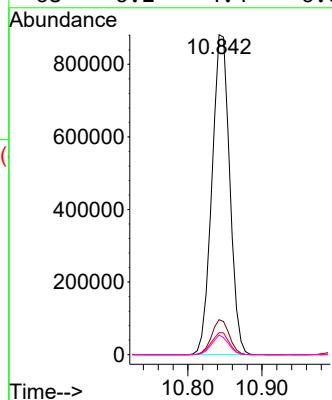
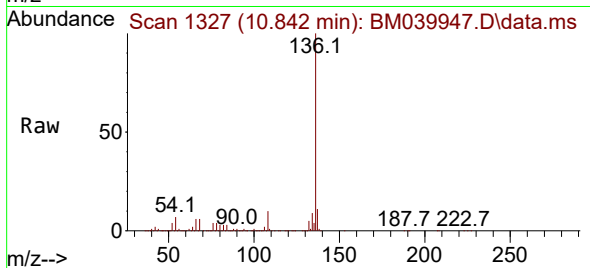




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.842 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

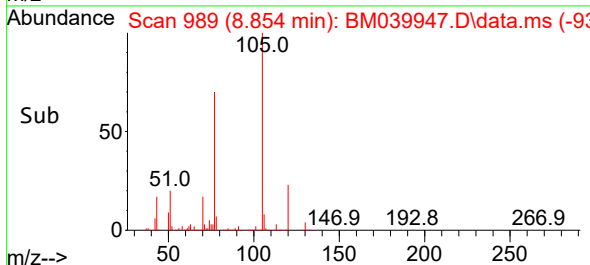
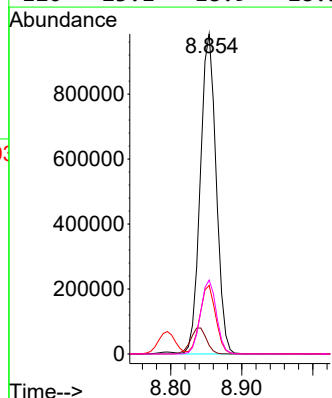
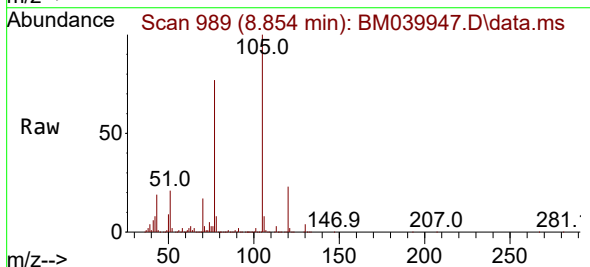
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

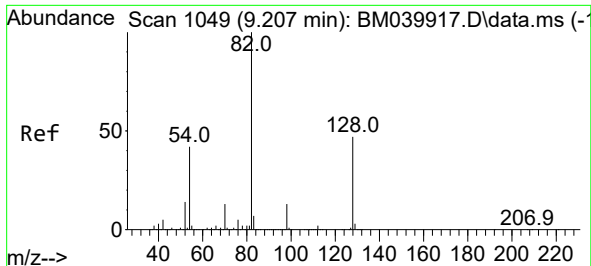
Tgt Ion:136 Resp: 1466437
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.9 5.2 7.8
68 6.2 4.4 6.6



#22
Acetophenone
Concen: 39.596 ng
RT: 8.854 min Scan# 989
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion:105 Resp: 1531442
Ion Ratio Lower Upper
105 100
71 2.7 2.7 4.1#
51 21.4 16.5 24.7
120 23.1 18.9 28.3

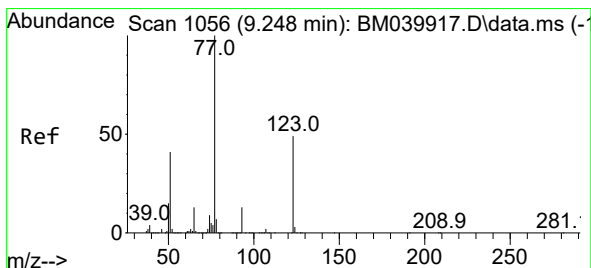
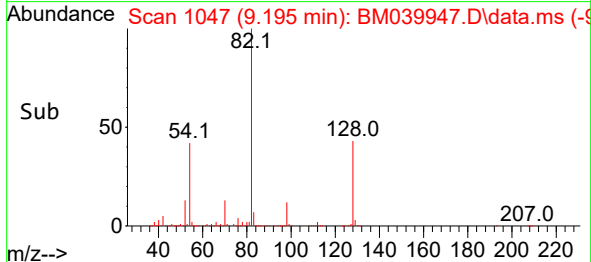
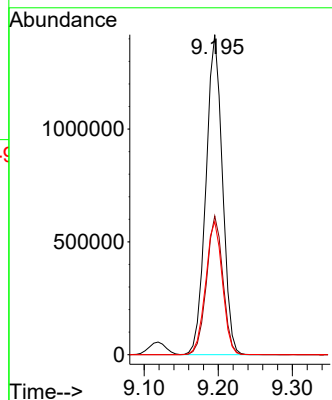
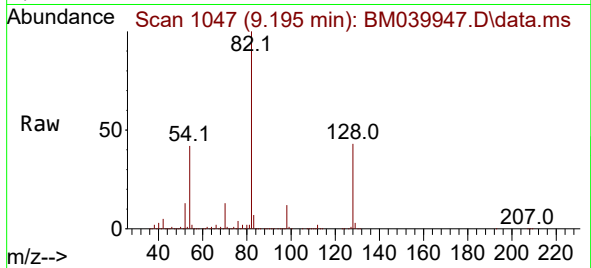




#23
Nitrobenzene-d5
Concen: 87.434 ng
RT: 9.195 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

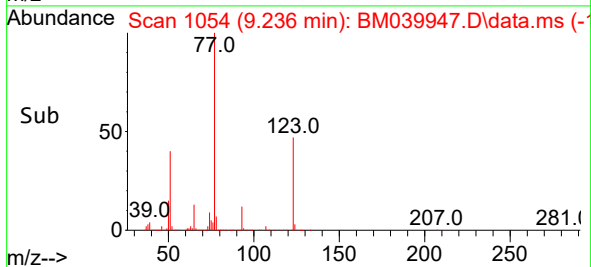
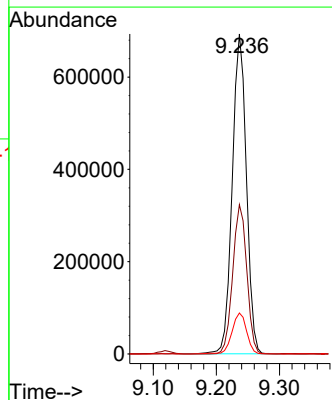
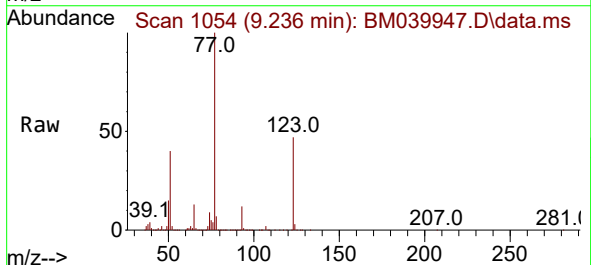
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

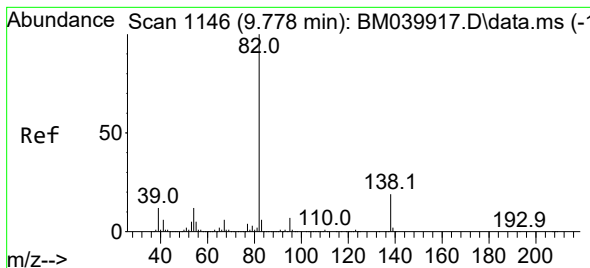
Tgt Ion: 82 Resp: 2189236
Ion Ratio Lower Upper
82 100
128 43.3 37.2 55.8
54 41.6 33.5 50.3



#24
Nitrobenzene
Concen: 42.491 ng
RT: 9.236 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion: 77 Resp: 1075569
Ion Ratio Lower Upper
77 100
123 46.7 39.3 58.9
65 12.8 10.4 15.6





#25

Isophorone

Concen: 41.397 ng

RT: 9.766 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

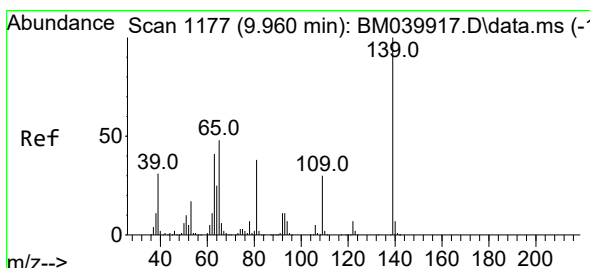
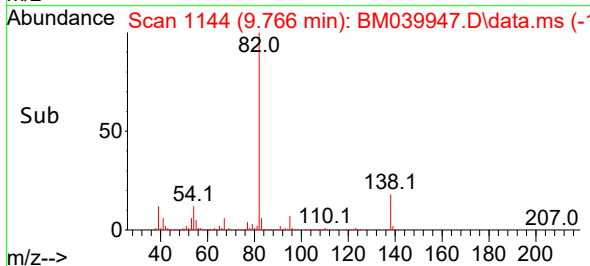
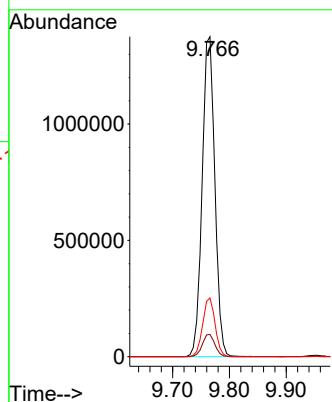
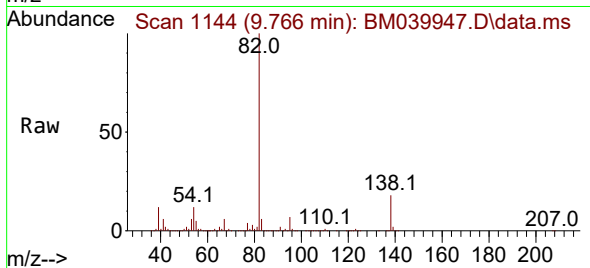
Tgt Ion: 82 Resp: 2134701

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 18.3 15.2 22.8



#26

2-Nitrophenol

Concen: 41.067 ng

RT: 9.954 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

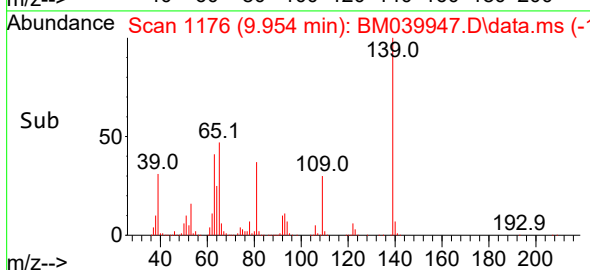
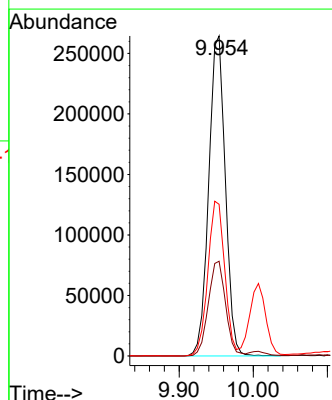
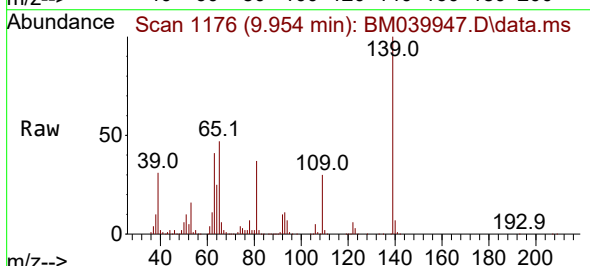
Tgt Ion: 139 Resp: 411942

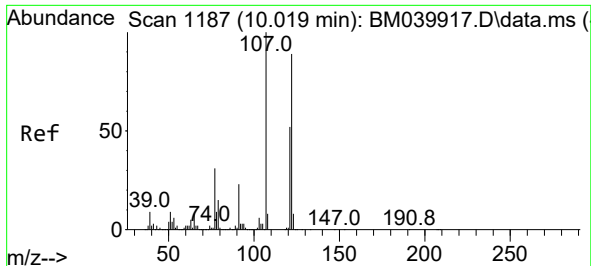
Ion Ratio Lower Upper

139 100

109 29.6 24.2 36.2

65 47.4 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 40.194 ng

RT: 10.007 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

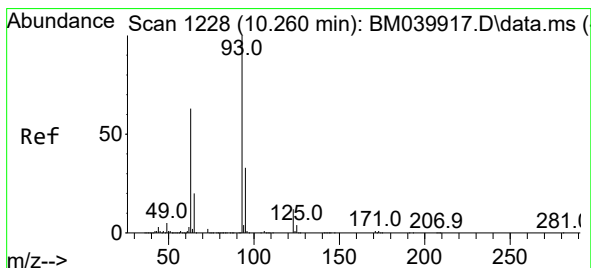
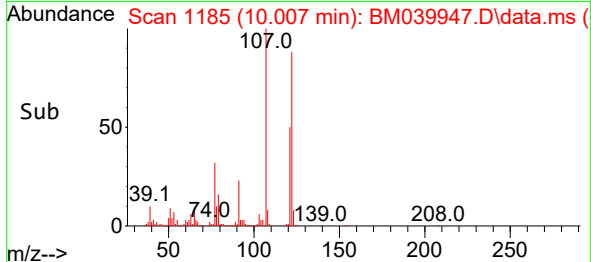
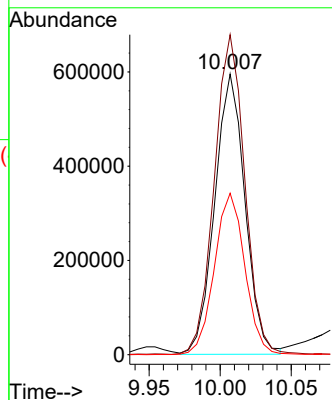
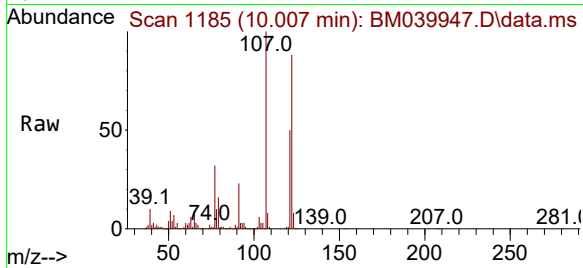
Tgt Ion:122 Resp: 881603

Ion Ratio Lower Upper

122 100

107 114.0 90.1 135.1

121 57.6 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.692 ng

RT: 10.248 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

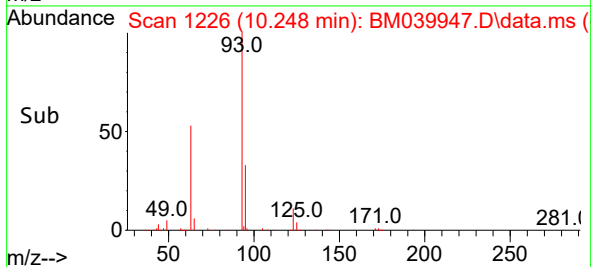
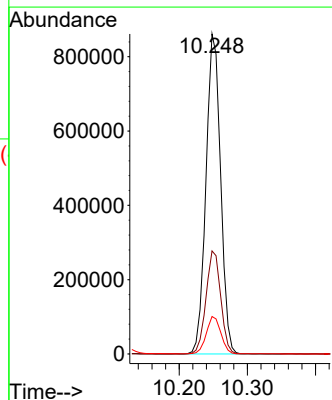
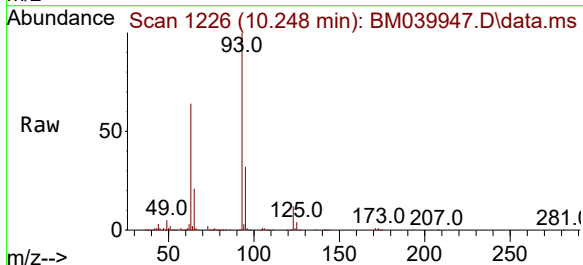
Tgt Ion: 93 Resp: 1286010

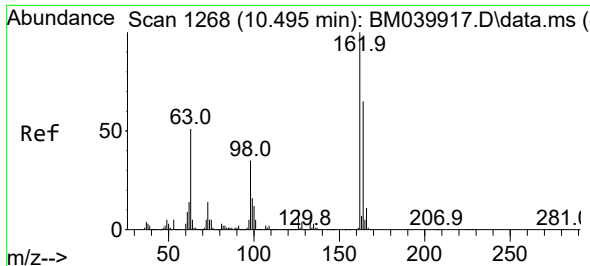
Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.4

123 11.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 39.463 ng

RT: 10.483 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

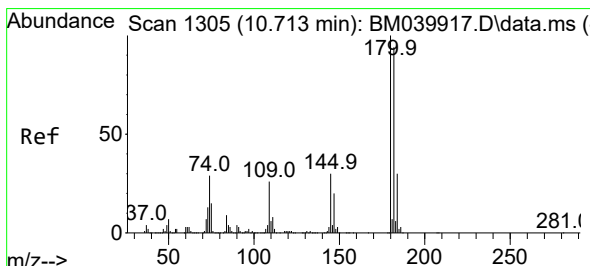
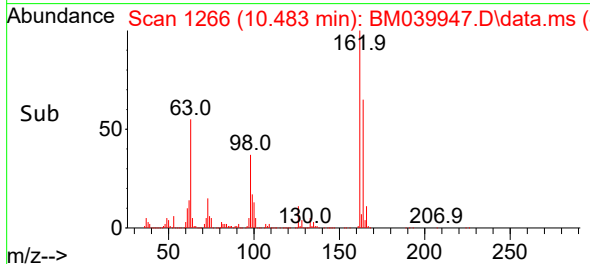
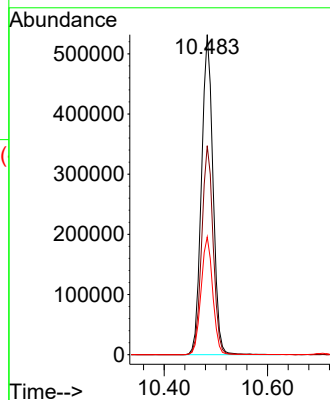
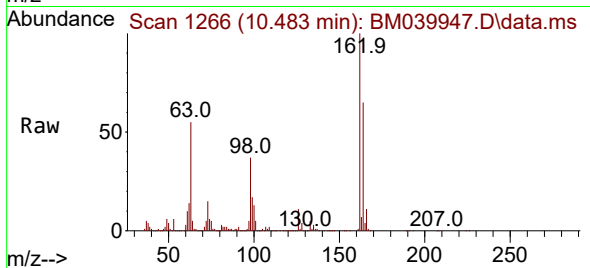
Tgt Ion:162 Resp: 822216

Ion Ratio Lower Upper

162 100

164 65.3 45.3 85.3

98 36.8 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 37.106 ng

RT: 10.707 min Scan# 1304

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

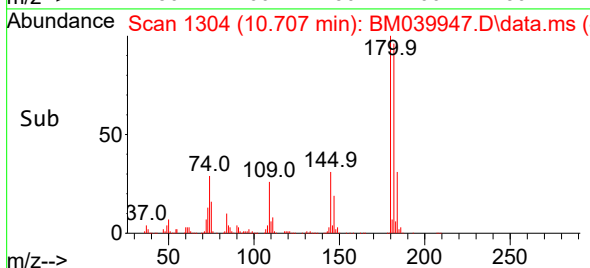
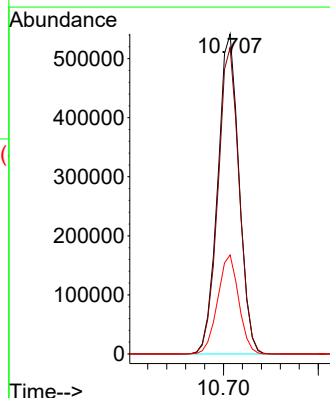
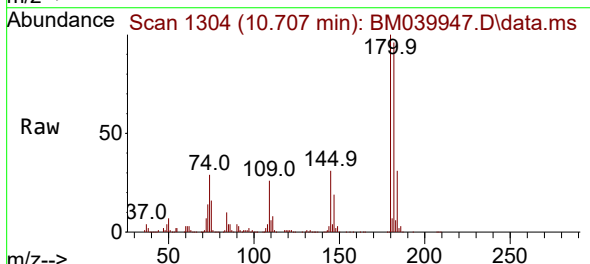
Tgt Ion:180 Resp: 845245

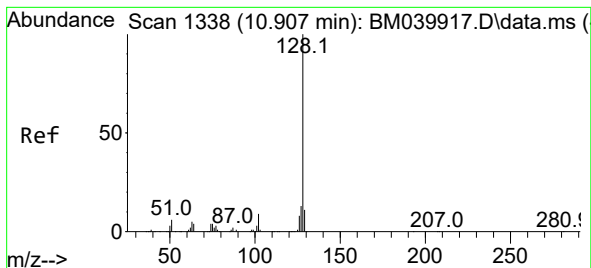
Ion Ratio Lower Upper

180 100

182 95.8 75.3 112.9

145 31.0 24.2 36.4





#31

Naphthalene

Concen: 38.424 ng

RT: 10.895 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

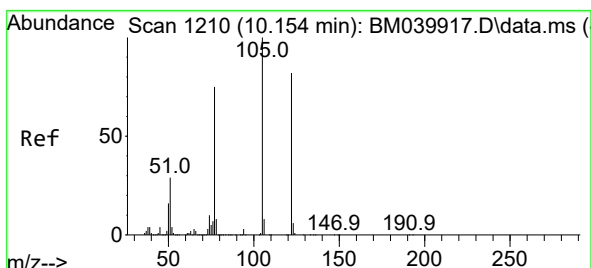
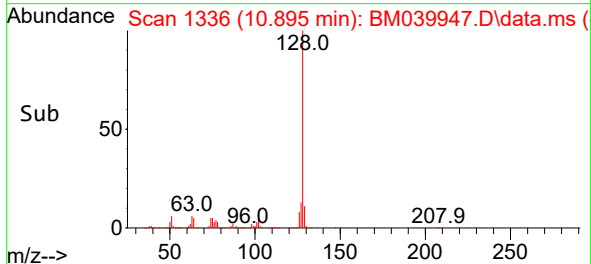
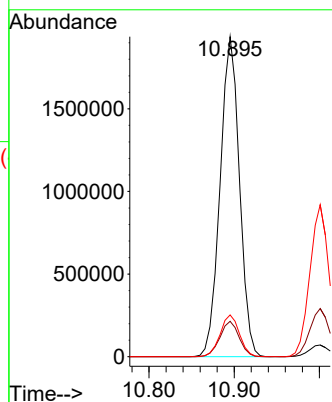
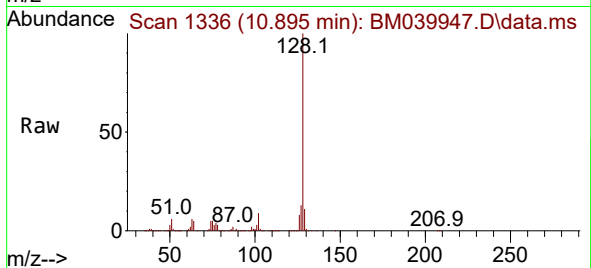
Tgt Ion:128 Resp: 3057162

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.1 10.6 15.8



#32

Benzoic acid

Concen: 38.399 ng

RT: 10.125 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

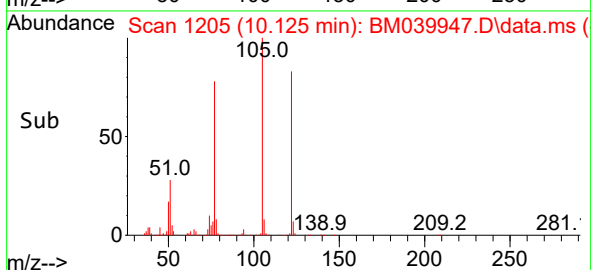
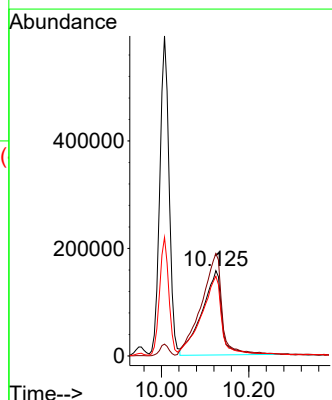
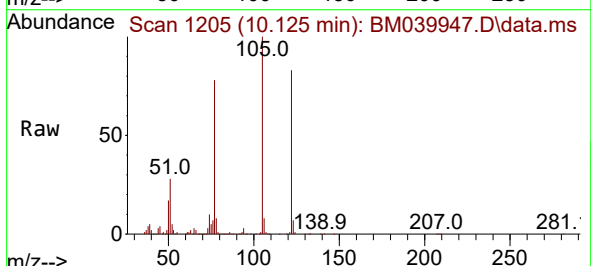
Tgt Ion:122 Resp: 508059

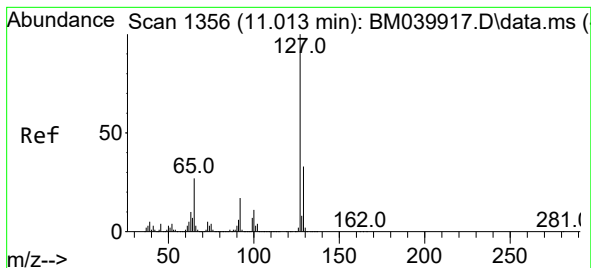
Ion Ratio Lower Upper

122 100

105 120.1 99.9 139.9

77 93.5 70.4 110.4

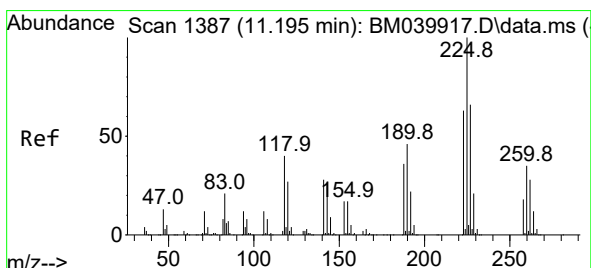
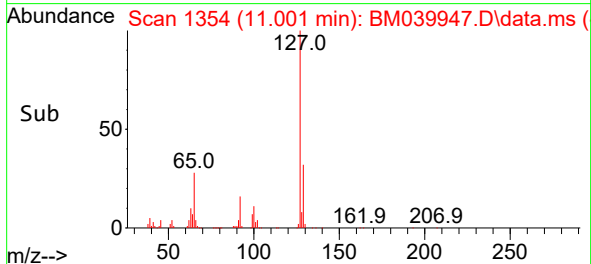
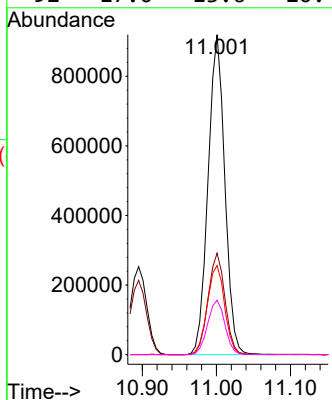
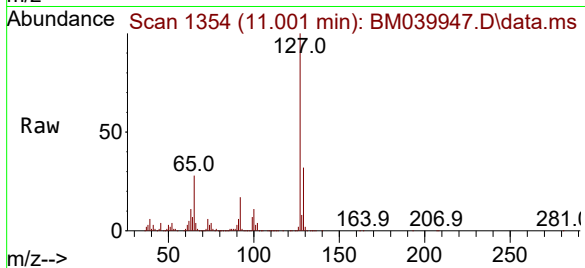




#33
4-Chloroaniline
Concen: 41.493 ng
RT: 11.001 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

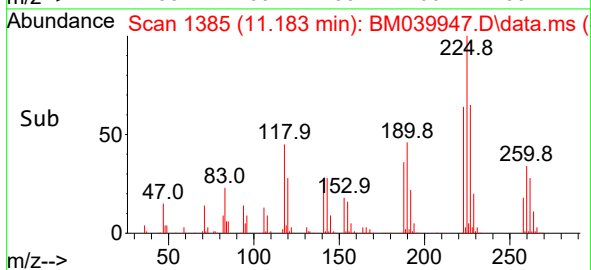
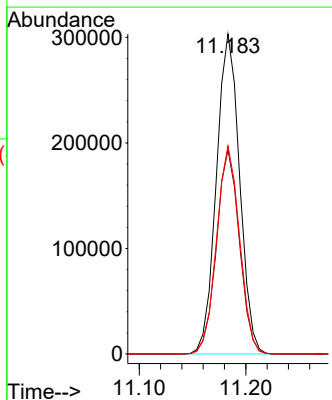
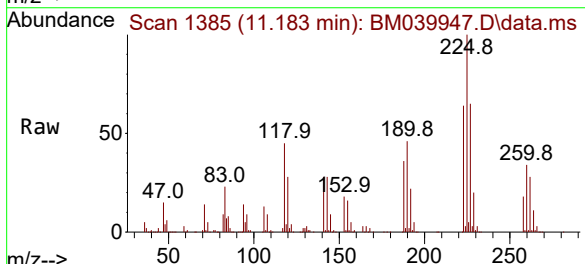
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

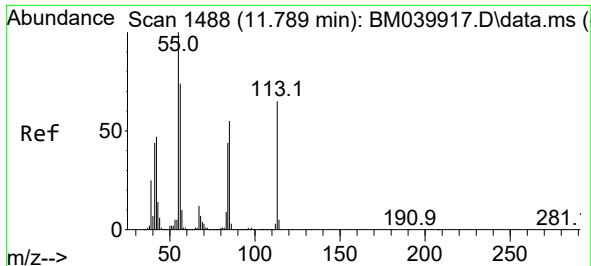
Tgt Ion:127 Resp: 1444956
Ion Ratio Lower Upper
127 100
129 31.7 26.2 39.4
65 27.8 21.6 32.4
92 17.0 13.6 20.4



#34
Hexachlorobutadiene
Concen: 35.239 ng
RT: 11.183 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion:225 Resp: 457520
Ion Ratio Lower Upper
225 100
223 63.7 50.2 75.4
227 65.1 52.8 79.2

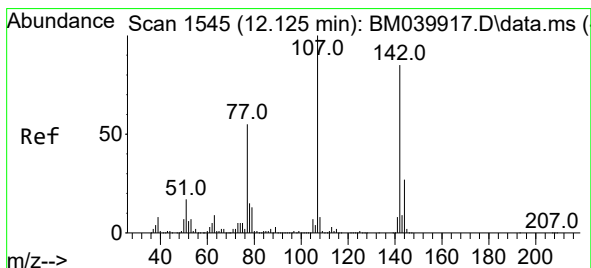
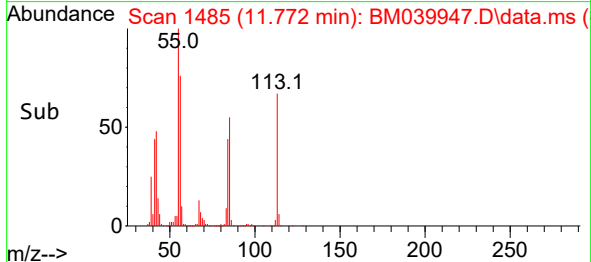
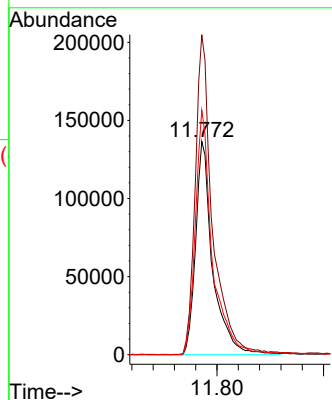
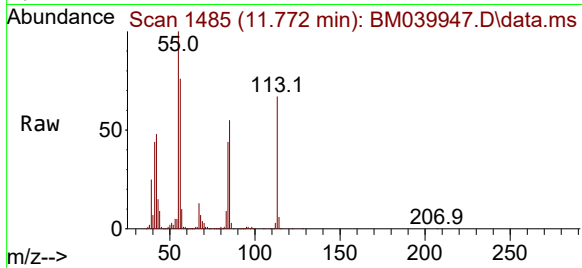




#35
Caprolactam
Concen: 48.496 ng
RT: 11.772 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

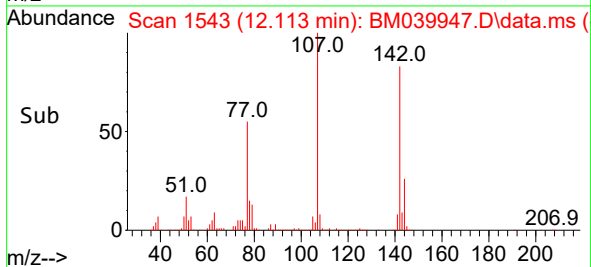
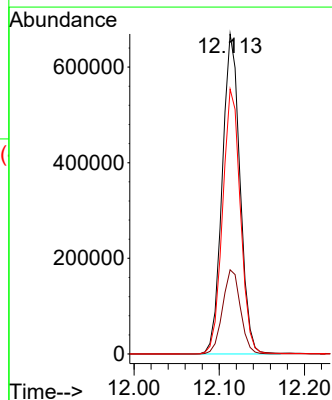
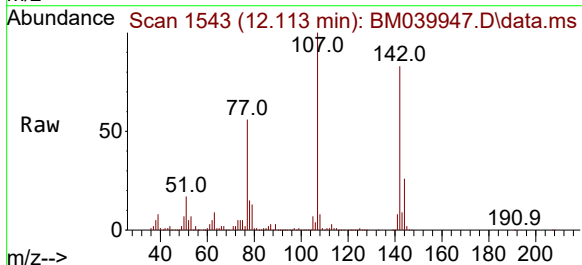
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

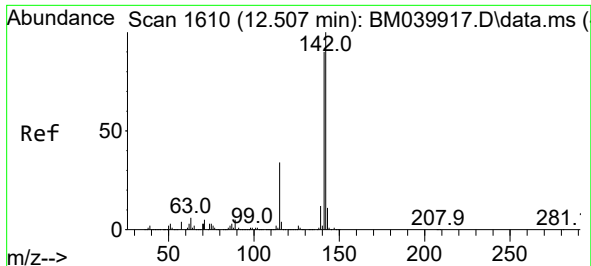
Tgt Ion:113 Resp: 303605
Ion Ratio Lower Upper
113 100
55 150.1 133.4 173.4
56 114.7 93.0 133.0



#36
4-Chloro-3-methylphenol
Concen: 43.594 ng
RT: 12.113 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion:107 Resp: 970914
Ion Ratio Lower Upper
107 100
144 26.3 22.0 33.0
142 82.7 68.3 102.5





#37

2-Methylnaphthalene

Concen: 39.135 ng

RT: 12.501 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

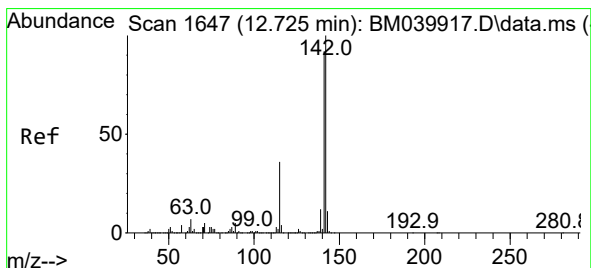
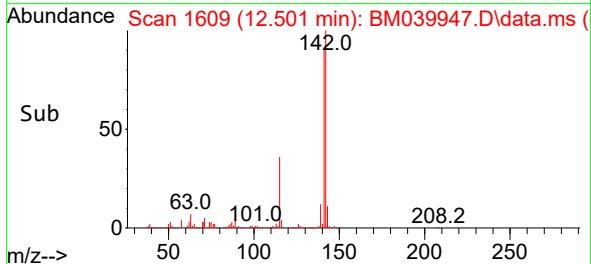
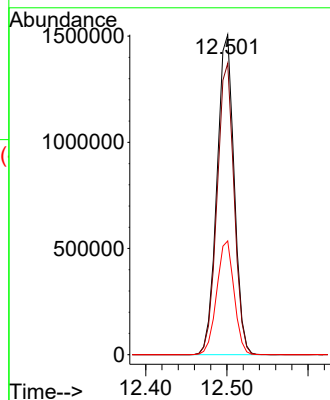
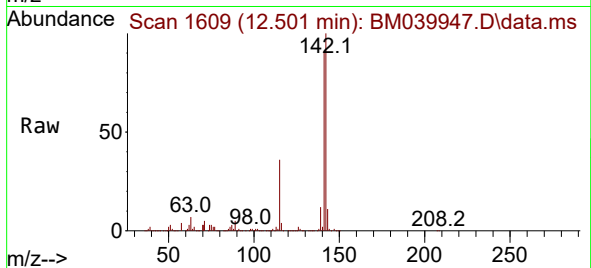
Tgt Ion:142 Resp: 2218113

Ion Ratio Lower Upper

142 100

141 91.1 71.9 107.9

115 35.5 27.4 41.0



#38

1-Methylnaphthalene

Concen: 39.413 ng

RT: 12.719 min Scan# 1646

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

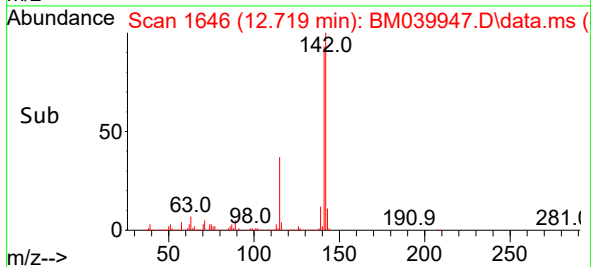
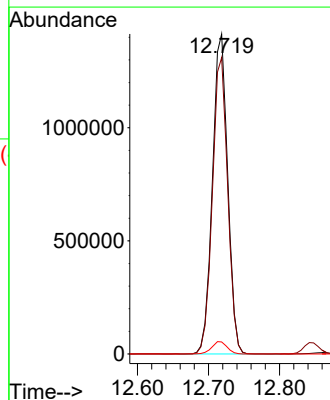
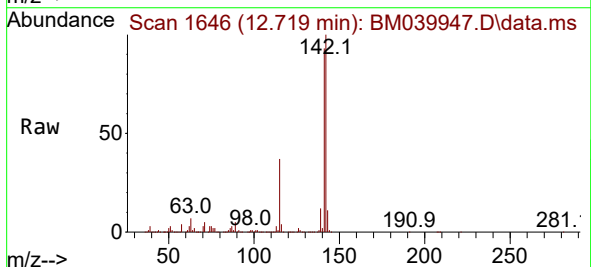
Tgt Ion:142 Resp: 2104321

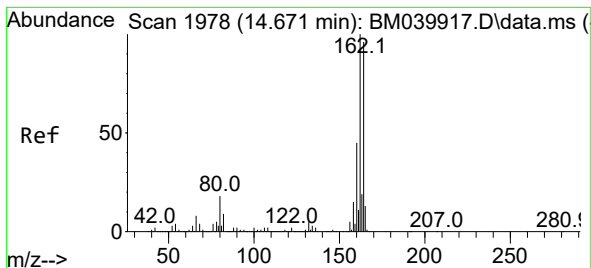
Ion Ratio Lower Upper

142 100

141 92.6 73.8 110.8

116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.665 min Scan# 1978

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

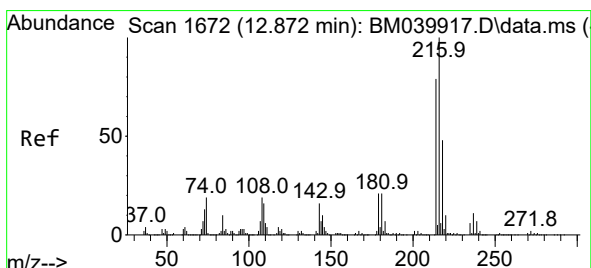
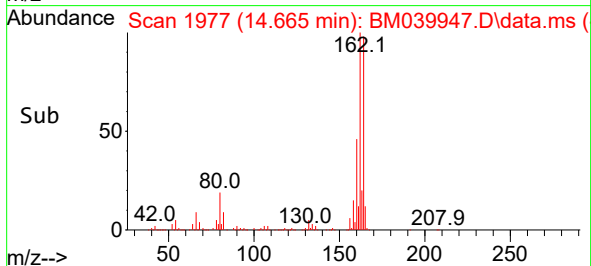
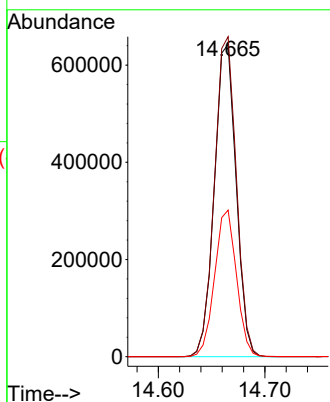
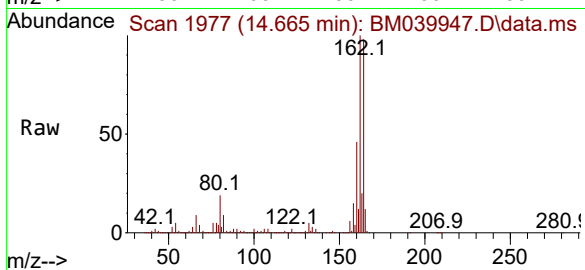
Tgt Ion:164 Resp: 910935

Ion Ratio Lower Upper

164 100

162 102.4 83.6 125.4

160 46.9 37.8 56.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.463 ng

RT: 12.860 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Tgt Ion:216 Resp: 1002018

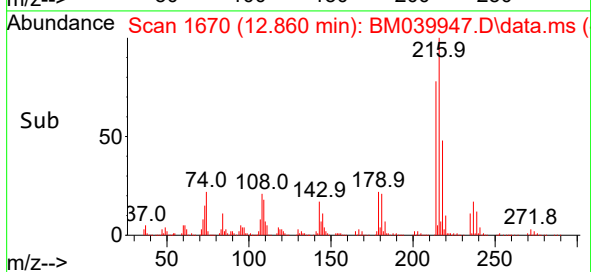
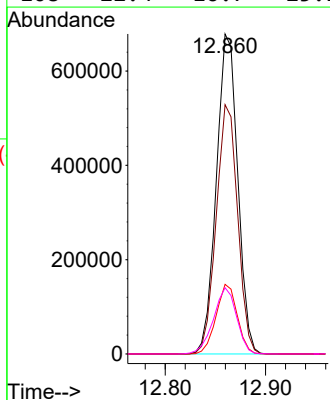
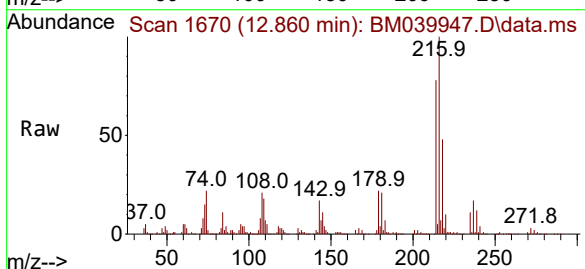
Ion Ratio Lower Upper

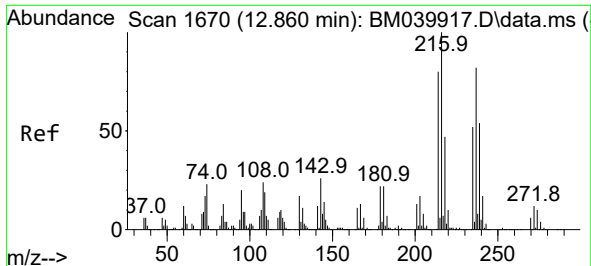
216 100

214 78.0 62.9 94.3

179 21.5 17.1 25.7

108 22.4 16.7 25.1

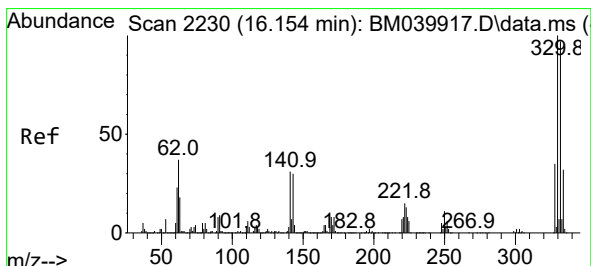
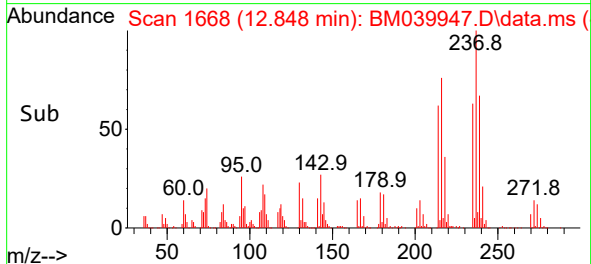
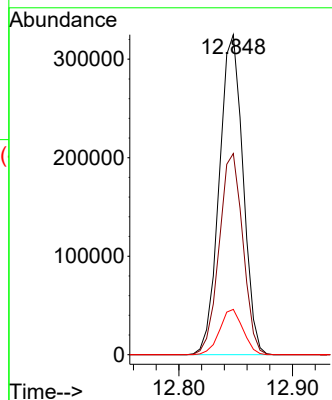
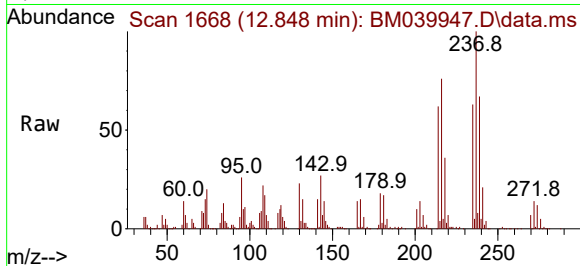




#41
Hexachlorocyclopentadiene
Concen: 38.660 ng
RT: 12.848 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

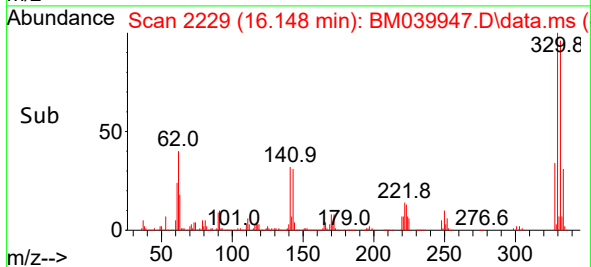
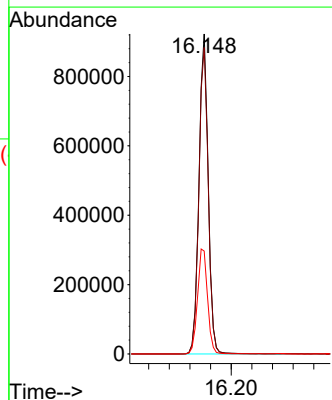
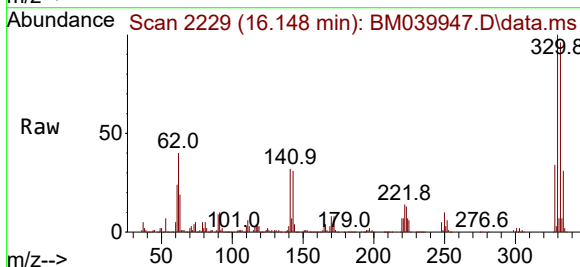
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

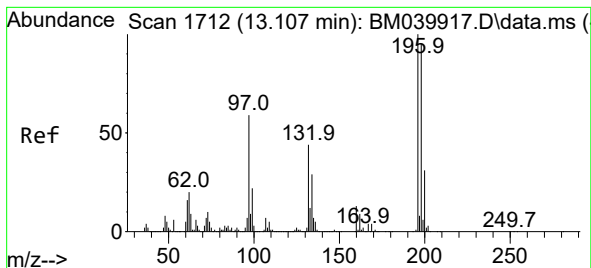
Tgt Ion:237 Resp: 471803
Ion Ratio Lower Upper
237 100
235 62.8 42.5 82.5
272 14.1 0.0 34.4



#42
2,4,6-Tribromophenol
Concen: 71.898 ng
RT: 16.148 min Scan# 2229
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion:330 Resp: 1144938
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 35.5 25.6 38.4





#43

2,4,6-Trichlorophenol

Concen: 39.592 ng

RT: 13.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

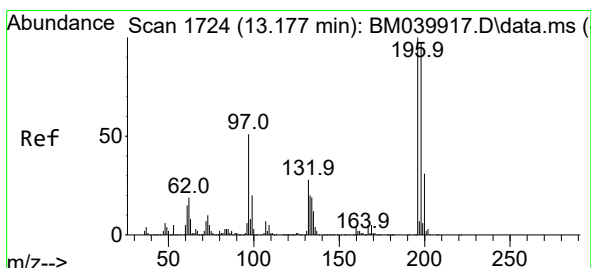
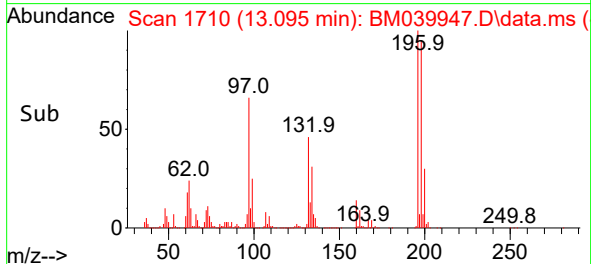
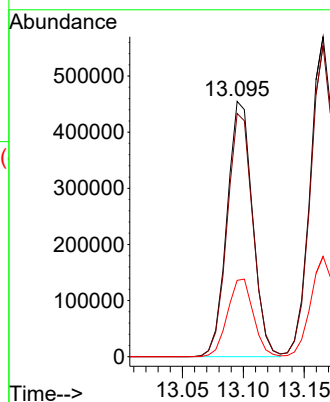
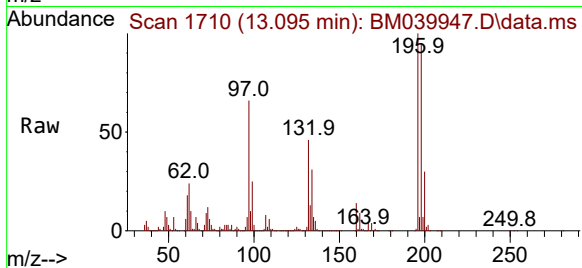
Tgt Ion:196 Resp: 664719

Ion Ratio Lower Upper

196 100

198 95.2 75.7 113.5

200 29.9 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 40.607 ng

RT: 13.166 min Scan# 1722

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Tgt Ion:196 Resp: 804358

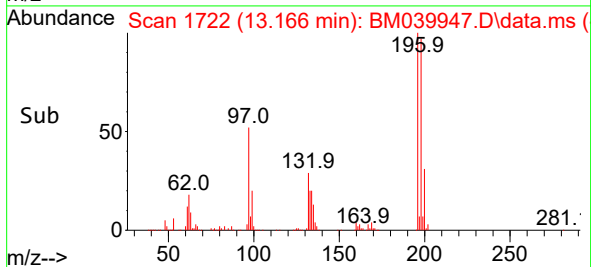
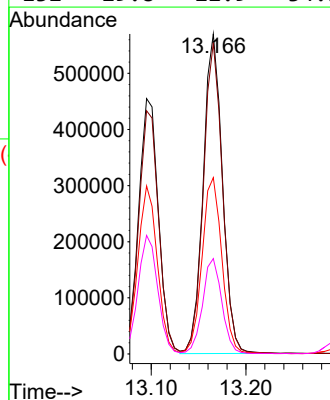
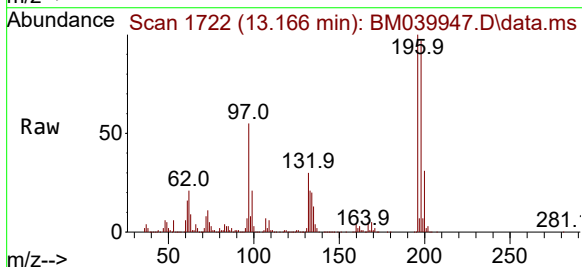
Ion Ratio Lower Upper

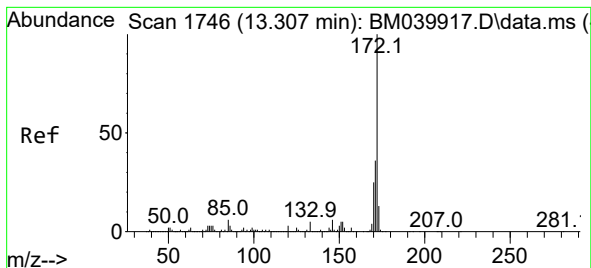
196 100

198 97.3 77.6 116.4

97 55.1 41.3 61.9

132 29.8 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 81.664 ng

RT: 13.295 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

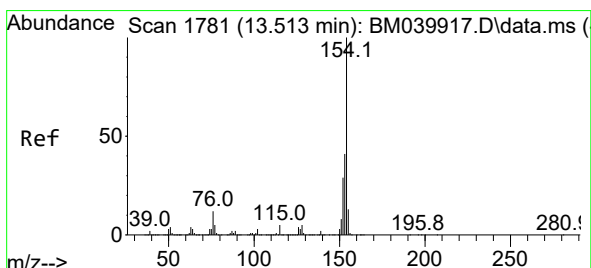
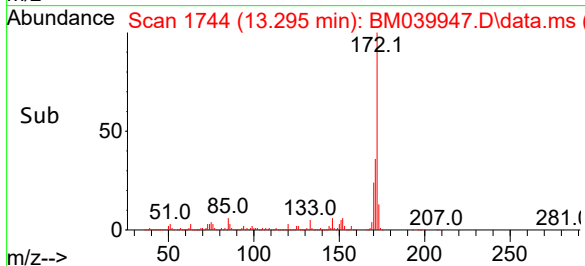
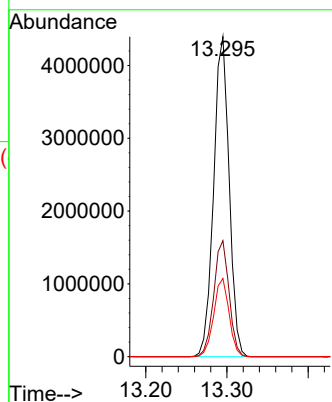
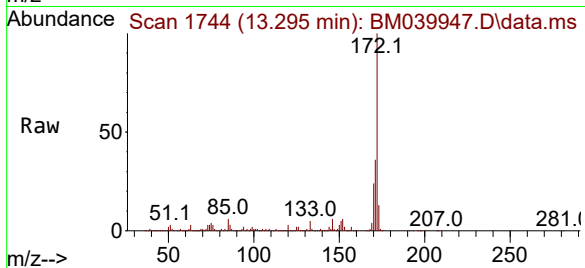
Tgt Ion:172 Resp: 5815524

Ion Ratio Lower Upper

172 100

171 36.3 28.9 43.3

170 24.4 19.9 29.9



#46

1,1'-Biphenyl

Concen: 38.448 ng

RT: 13.501 min Scan# 1779

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

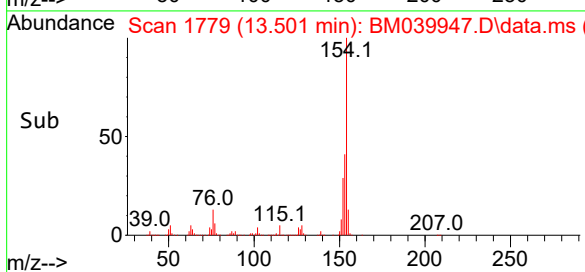
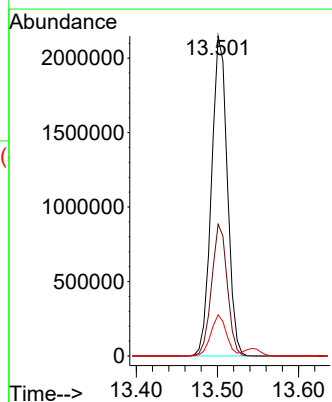
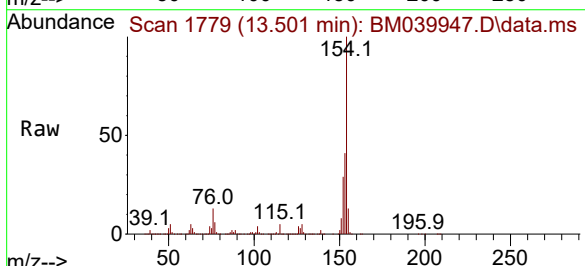
Tgt Ion:154 Resp: 2901403

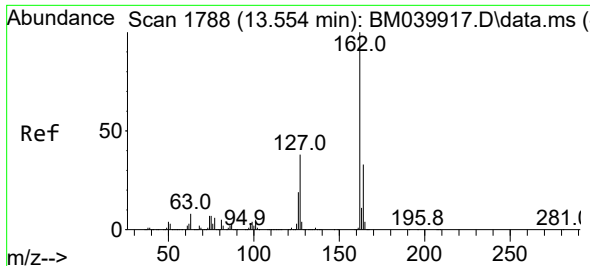
Ion Ratio Lower Upper

154 100

153 41.1 20.8 60.8

76 12.9 0.0 31.9

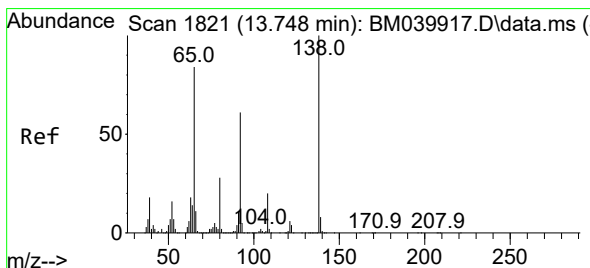
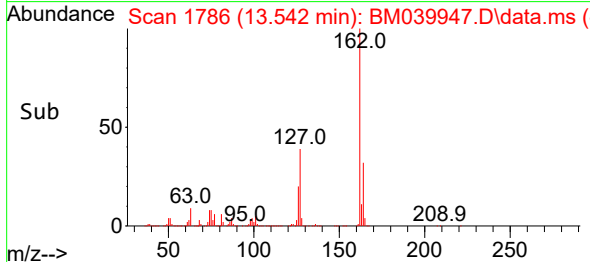
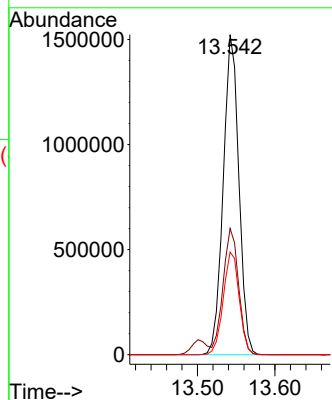
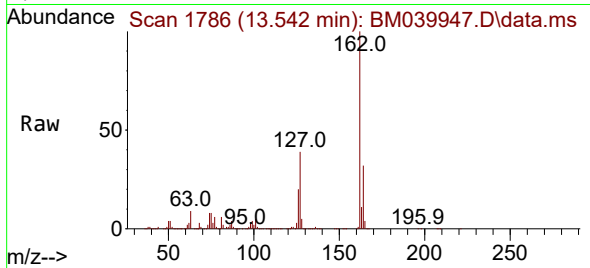




#47
2-Chloronaphthalene
Concen: 38.094 ng
RT: 13.542 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

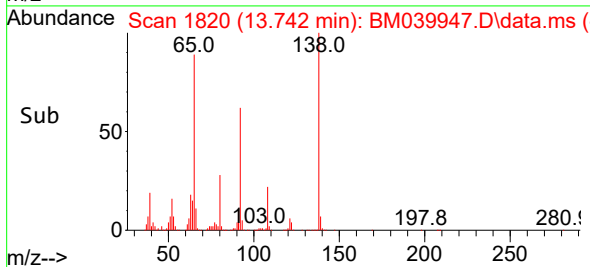
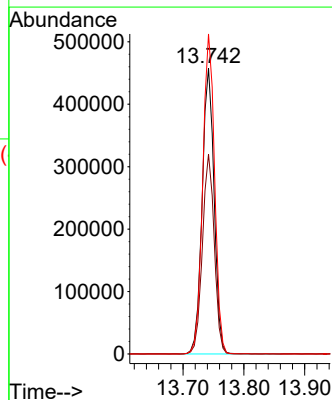
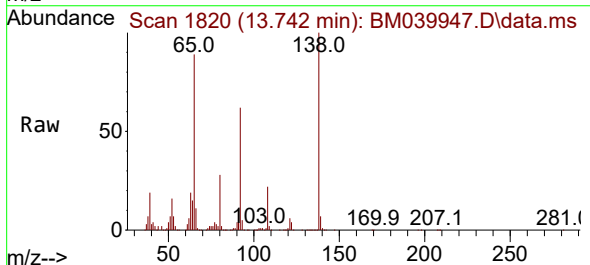
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

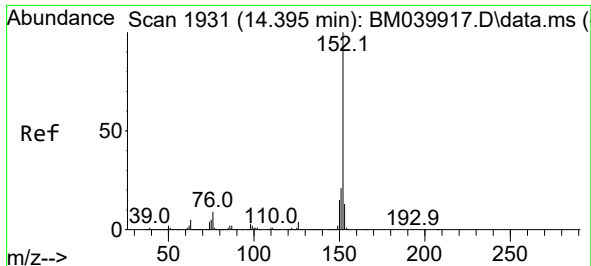
Tgt Ion:162 Resp: 2132273
Ion Ratio Lower Upper
162 100
127 39.5 30.1 45.1
164 32.0 26.2 39.4



#48
2-Nitroaniline
Concen: 44.683 ng
RT: 13.742 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion: 65 Resp: 625202
Ion Ratio Lower Upper
65 100
92 69.9 57.7 86.5
138 111.9 95.0 142.6

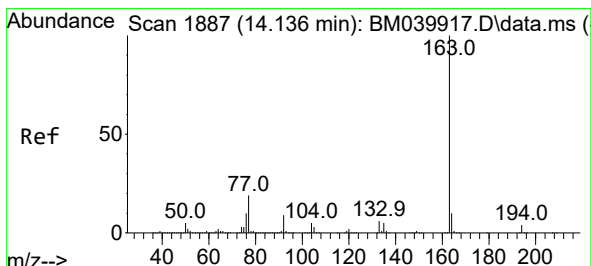
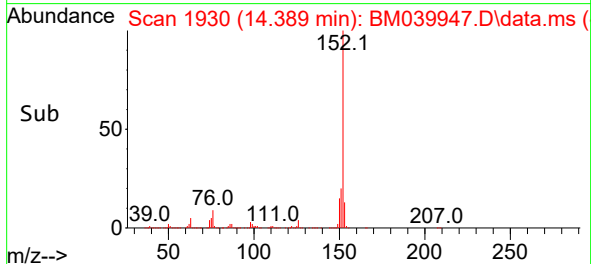
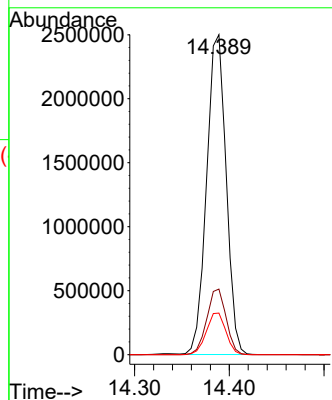
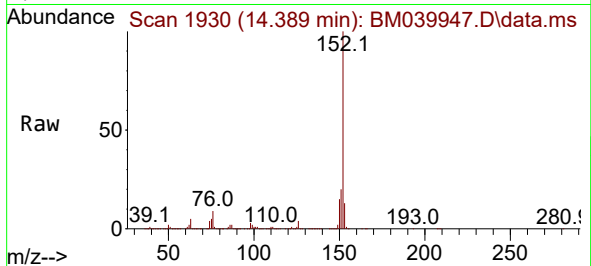




#49
Acenaphthylene
Concen: 39.562 ng
RT: 14.389 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

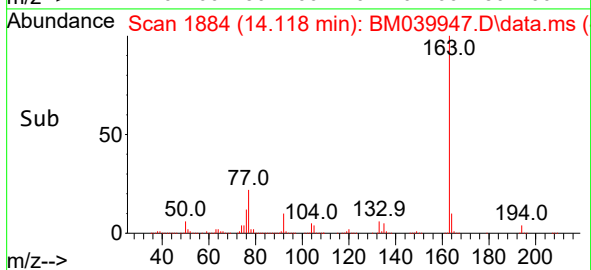
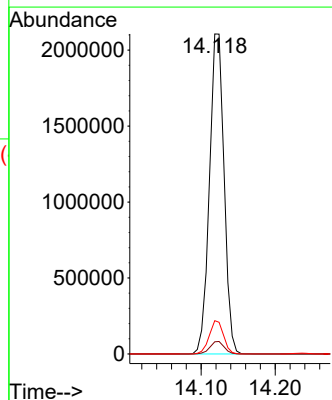
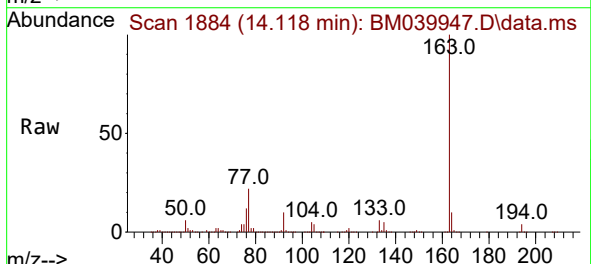
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

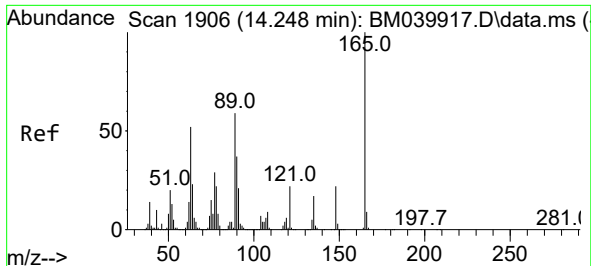
Tgt Ion:152 Resp: 3570965
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.0 10.7 16.1



#50
Dimethylphthalate
Concen: 40.674 ng
RT: 14.118 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion:163 Resp: 2889380
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 39.354 ng

RT: 14.236 min Scan# 1906

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

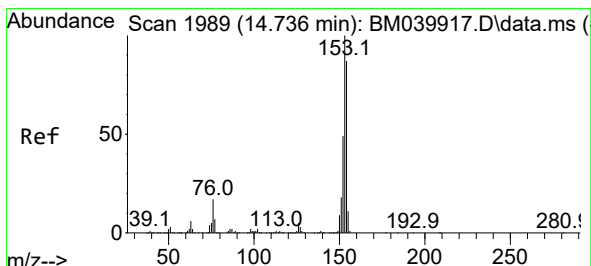
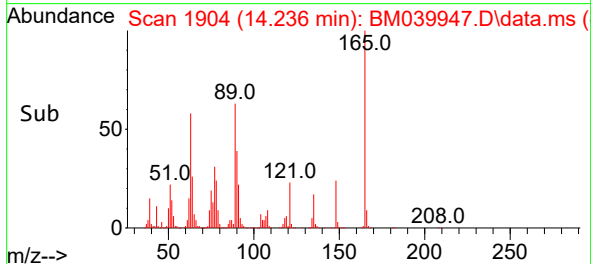
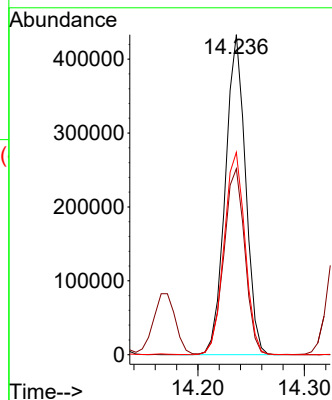
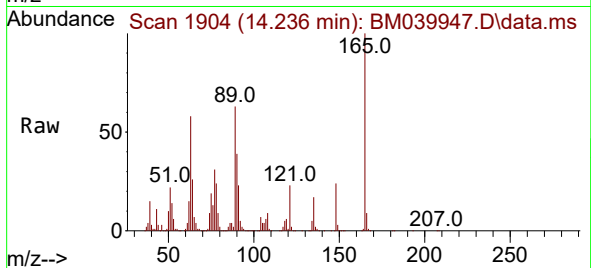
Tgt Ion:165 Resp: 569444

Ion Ratio Lower Upper

165 100

63 58.1 42.3 63.5

89 63.3 47.4 71.0



#52

Acenaphthene

Concen: 39.960 ng

RT: 14.730 min Scan# 1988

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

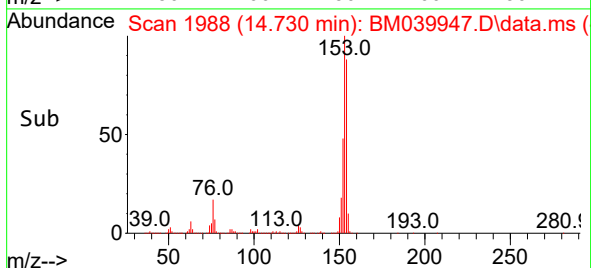
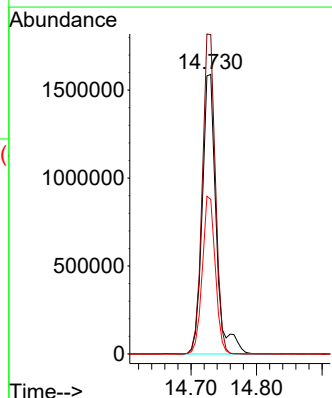
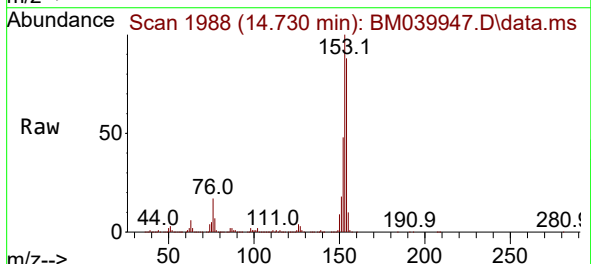
Tgt Ion:154 Resp: 2349830

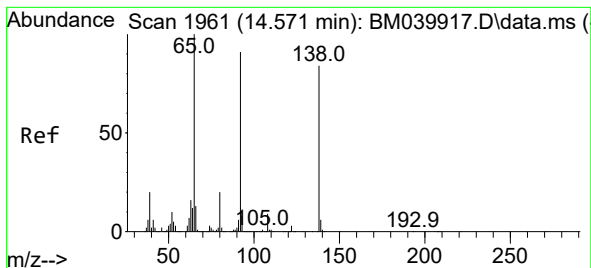
Ion Ratio Lower Upper

154 100

153 114.2 91.9 137.9

152 55.3 45.0 67.6

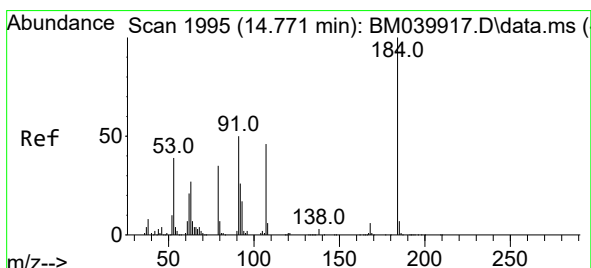
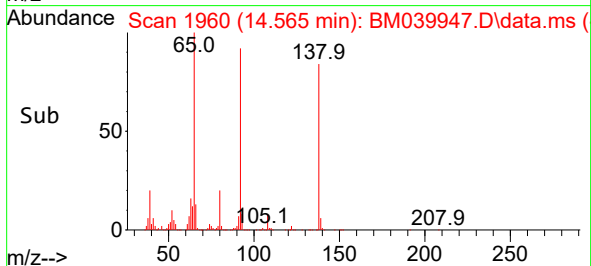
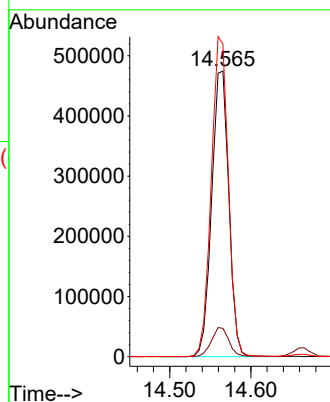
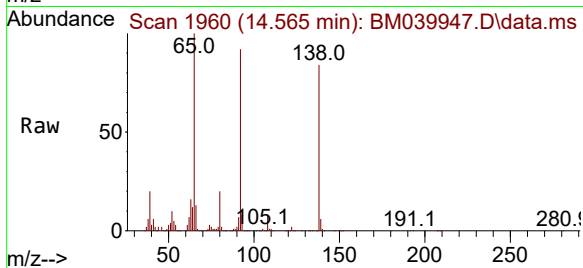




#53
3-Nitroaniline
Concen: 41.411 ng
RT: 14.565 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

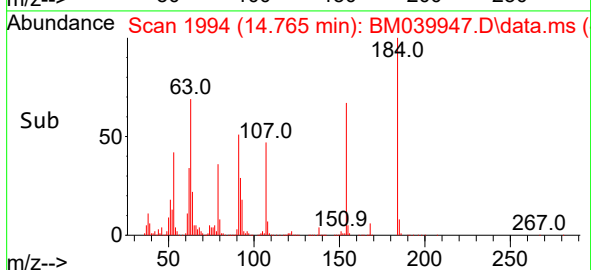
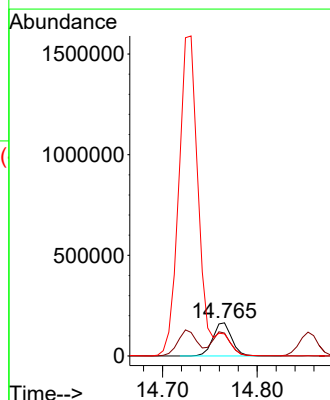
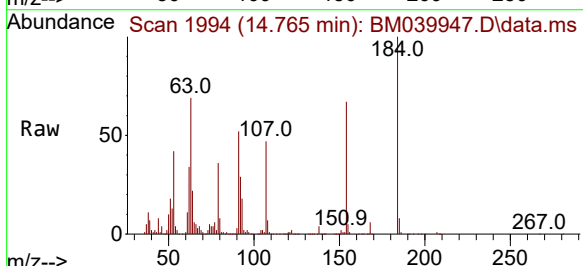
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

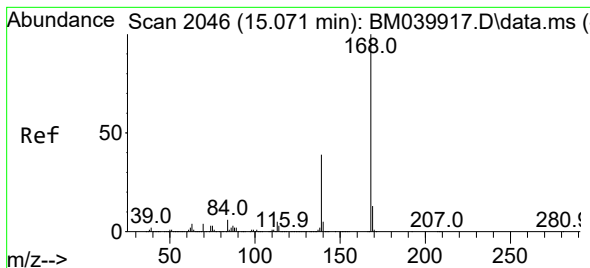
Tgt Ion:138 Resp: 694368
Ion Ratio Lower Upper
138 100
108 9.9 8.6 12.8
92 109.5 87.3 130.9



#54
2,4-Dinitrophenol
Concen: 44.181 ng
RT: 14.765 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion:184 Resp: 227002
Ion Ratio Lower Upper
184 100
63 69.2 53.4 80.0
154 66.7 54.2 81.2





#55

Dibenzenofuran

Concen: 39.574 ng

RT: 15.060 min Scan# 2044

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

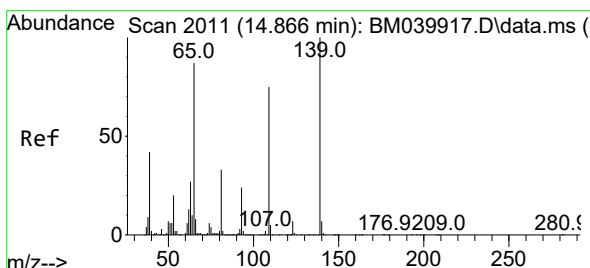
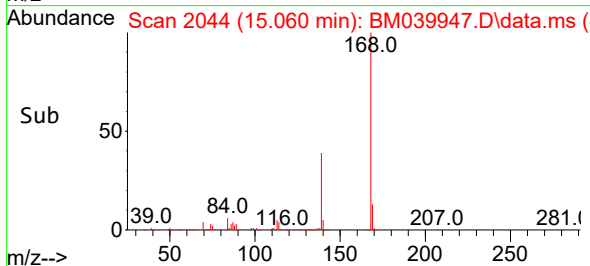
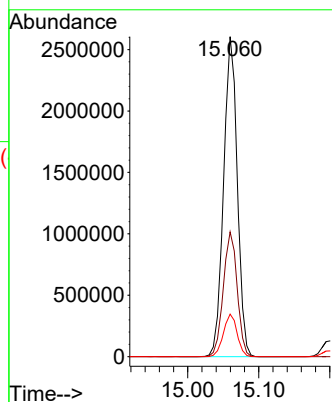
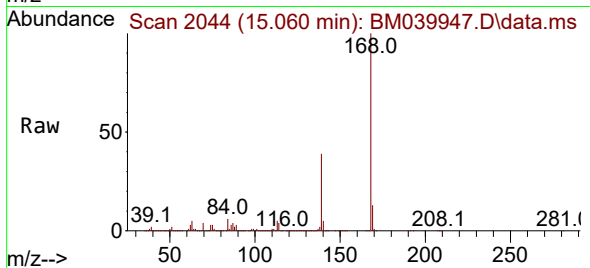
Tgt Ion:168 Resp: 3468733

Ion Ratio Lower Upper

168 100

139 39.0 31.0 46.6

169 13.3 10.7 16.1



#56

4-Nitrophenol

Concen: 45.528 ng

RT: 14.854 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

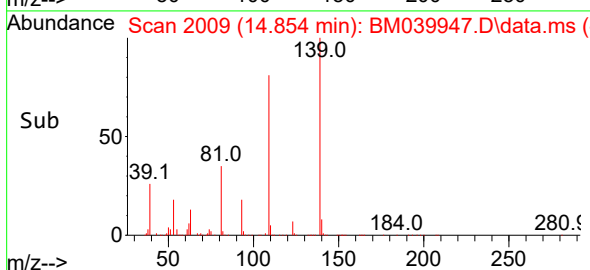
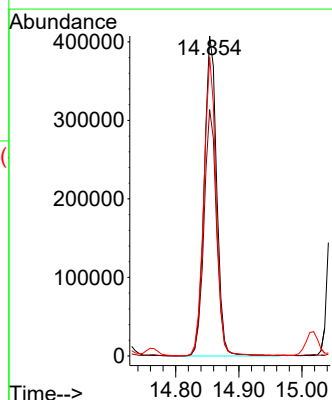
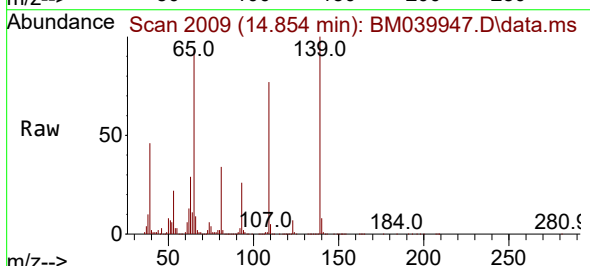
Tgt Ion:139 Resp: 561208

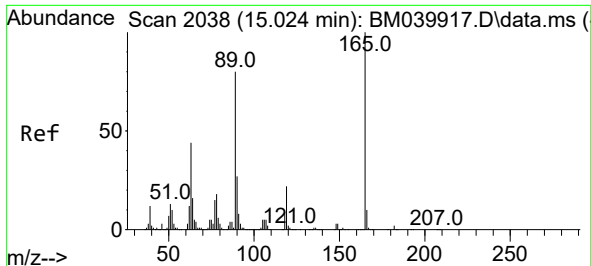
Ion Ratio Lower Upper

139 100

109 77.0 55.1 95.1

65 93.5 67.4 107.4





#57

2,4-Dinitrotoluene

Concen: 40.178 ng

RT: 15.018 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 766223

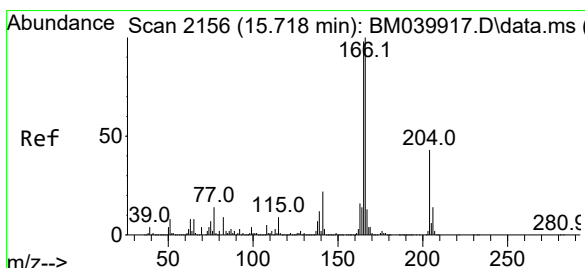
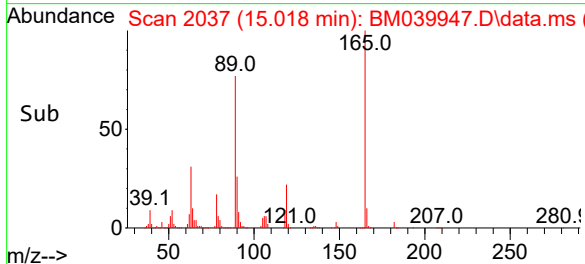
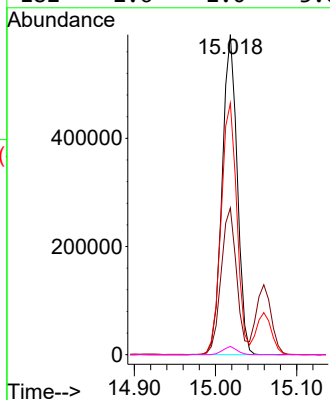
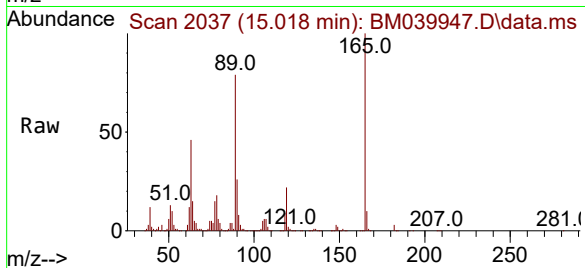
Ion Ratio Lower Upper

165 100

63 45.9 35.5 53.3

89 78.6 63.8 95.6

182 2.6 2.0 3.0



#58

Fluorene

Concen: 41.566 ng

RT: 15.707 min Scan# 2154

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

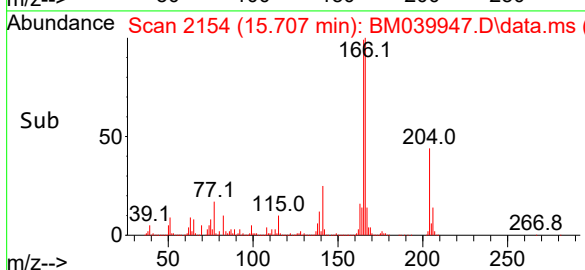
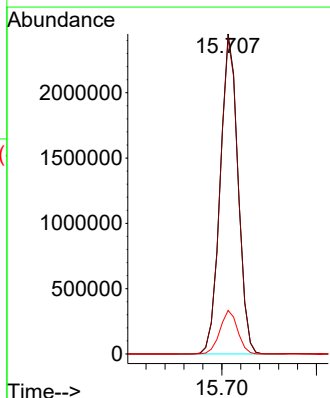
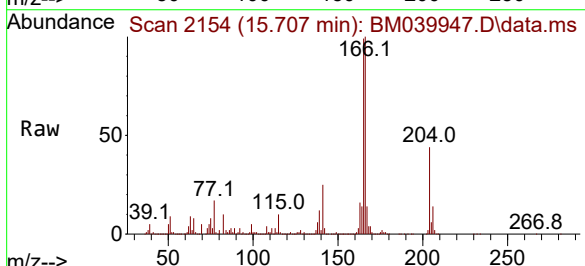
Tgt Ion:166 Resp: 3201374

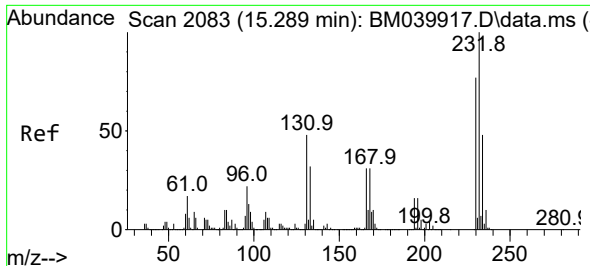
Ion Ratio Lower Upper

166 100

165 98.7 78.8 118.2

167 13.6 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.505 ng

RT: 15.283 min Scan# 2083

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 659832

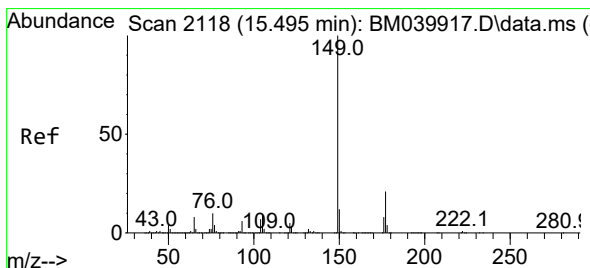
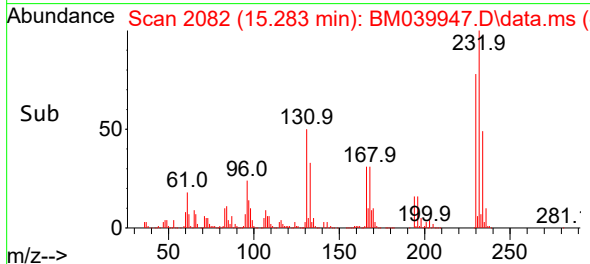
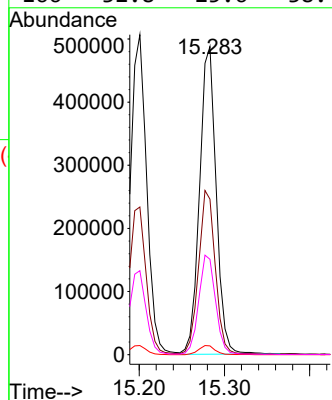
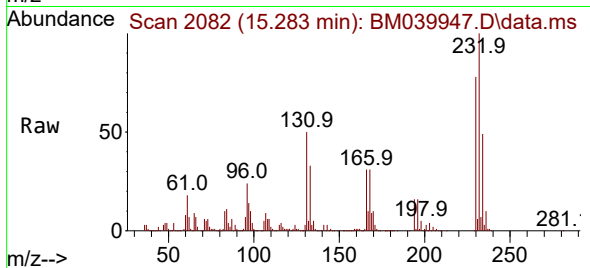
Ion Ratio Lower Upper

232 100

131 53.6 41.0 61.4

130 3.0 2.2 3.2

166 32.8 25.6 38.4



#60

Diethylphthalate

Concen: 41.151 ng

RT: 15.483 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

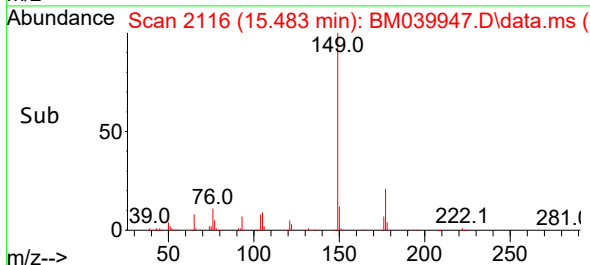
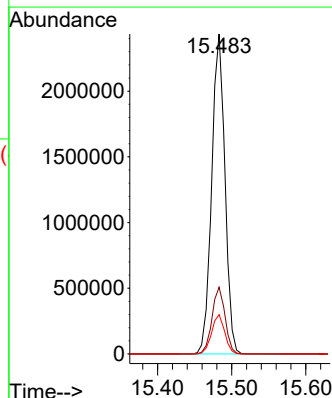
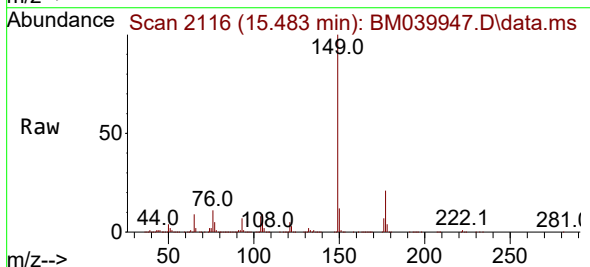
Tgt Ion:149 Resp: 3014100

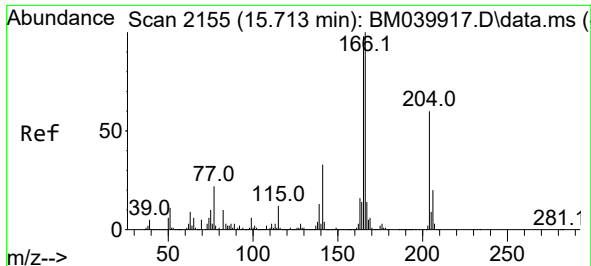
Ion Ratio Lower Upper

149 100

177 20.8 17.0 25.4

150 12.3 9.8 14.6

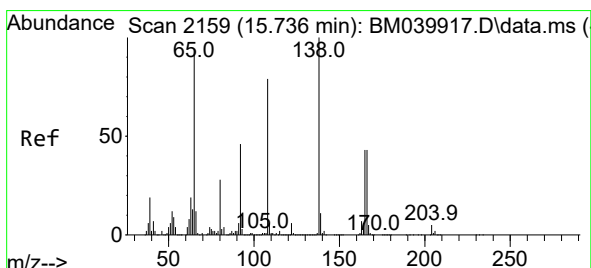
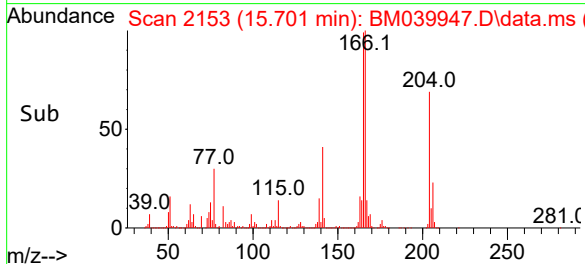
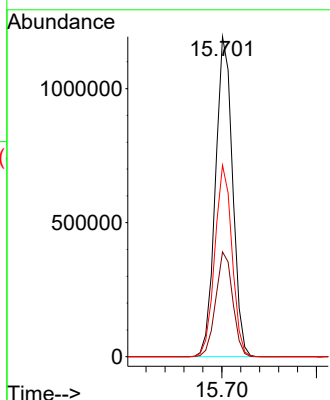
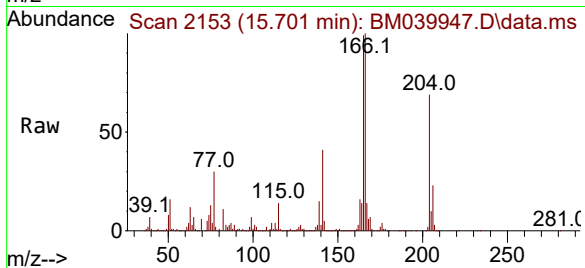




#61
4-Chlorophenyl-phenylether
Concen: 39.280 ng
RT: 15.701 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

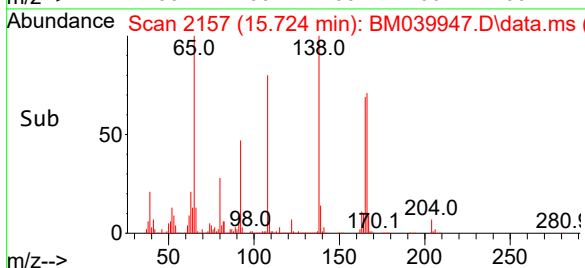
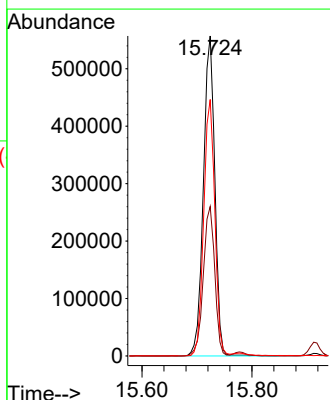
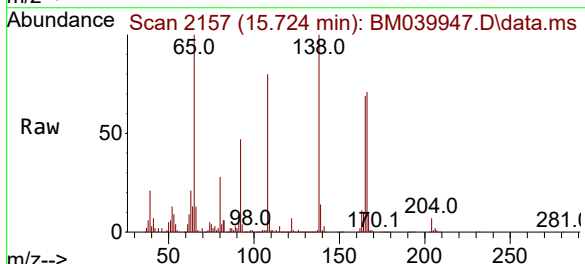
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

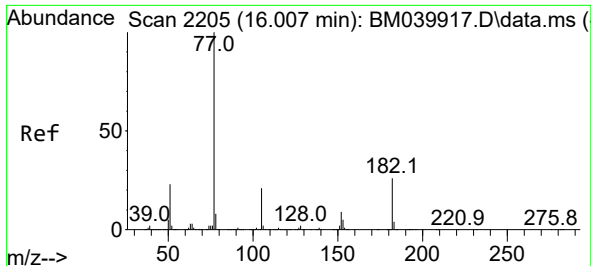
Tgt Ion:204 Resp: 1501288
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 59.9 44.6 67.0



#62
4-Nitroaniline
Concen: 44.247 ng
RT: 15.724 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion:138 Resp: 803212
Ion Ratio Lower Upper
138 100
92 46.7 25.5 65.5
108 80.1 59.5 99.5



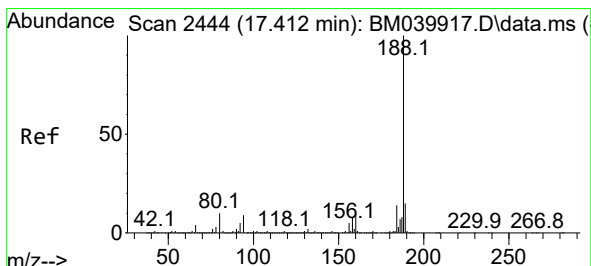
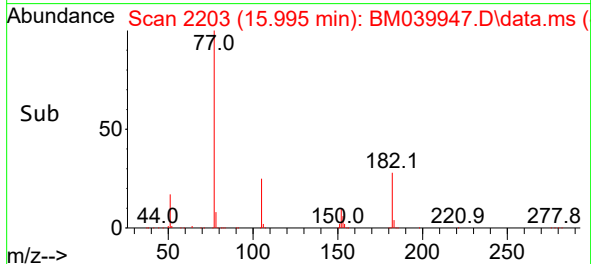
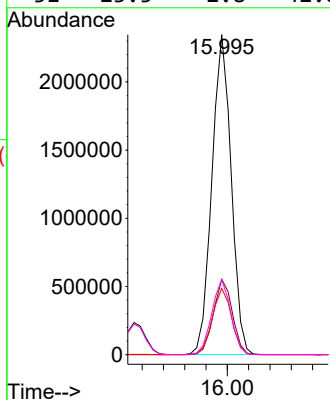
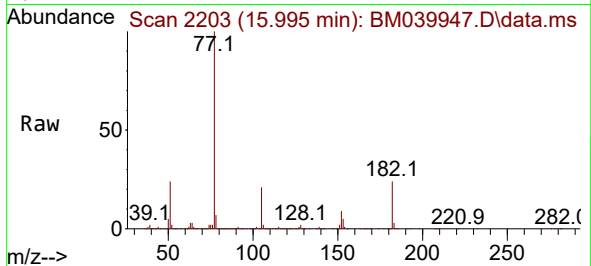


#63
Azobenzene
Concen: 41.995 ng
RT: 15.995 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2942689

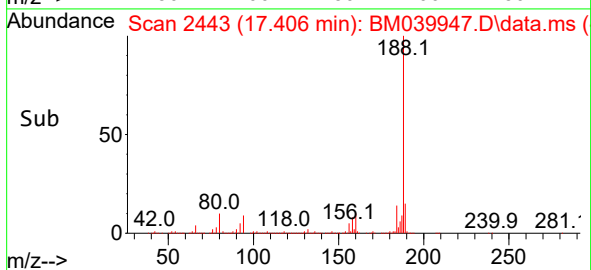
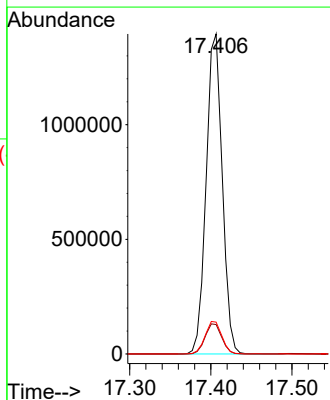
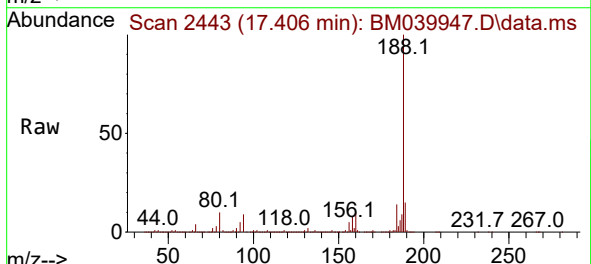
Ion	Ratio	Lower	Upper
77	100		
182	23.5	6.2	46.2
105	20.7	1.4	41.4
51	23.5	2.8	42.8

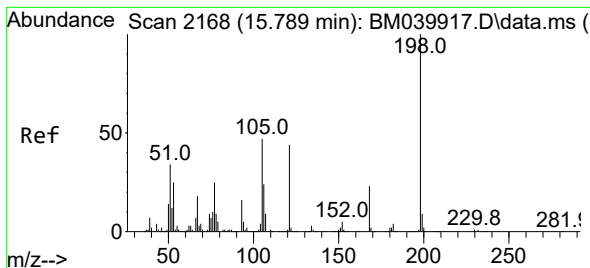


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.406 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion: 188 Resp: 1917462

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.5	11.3
80	10.0	8.0	12.0

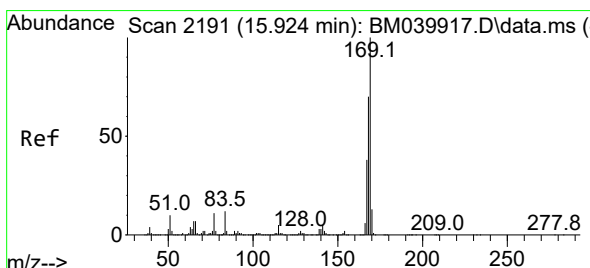
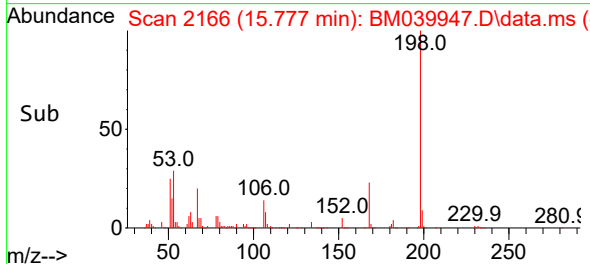
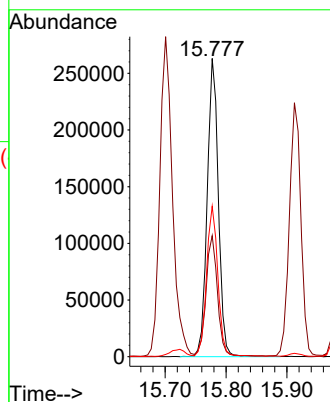
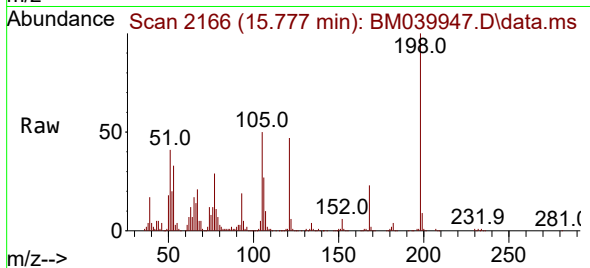




#65
4,6-Dinitro-2-methylphenol
Concen: 41.075 ng
RT: 15.777 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

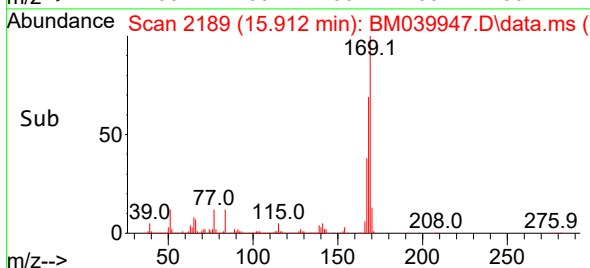
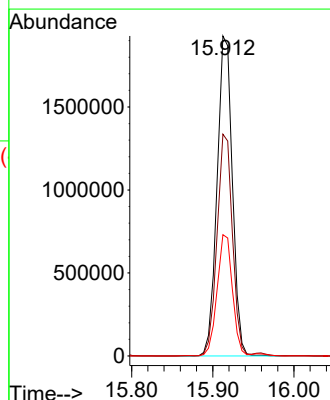
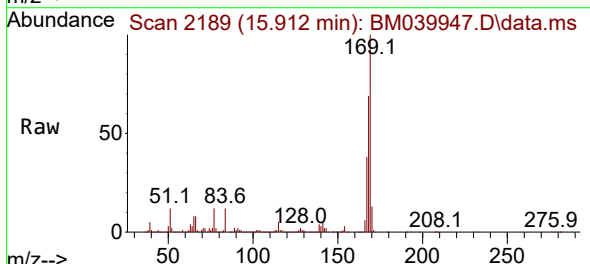
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

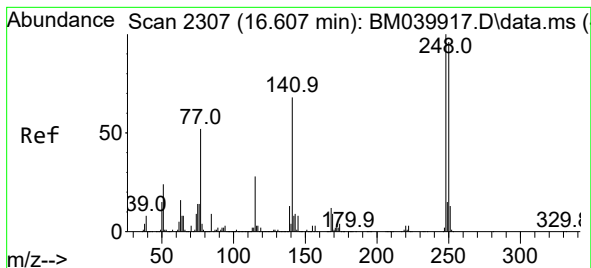
Tgt Ion:198 Resp: 334486
Ion Ratio Lower Upper
198 100
51 40.6 16.0 56.0
105 50.4 27.6 67.6



#66
n-Nitrosodiphenylamine
Concen: 38.292 ng
RT: 15.912 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion:169 Resp: 2530306
Ion Ratio Lower Upper
169 100
168 69.3 55.7 83.5
167 37.9 30.2 45.4

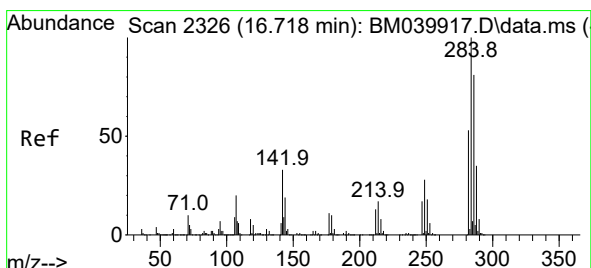
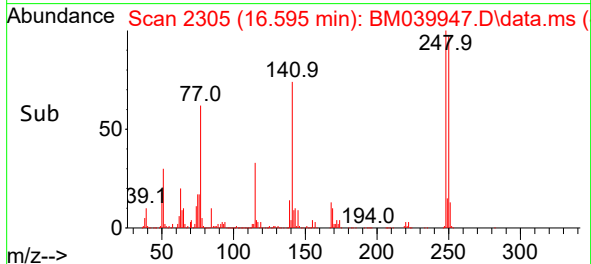
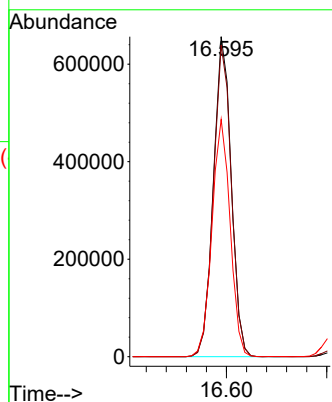
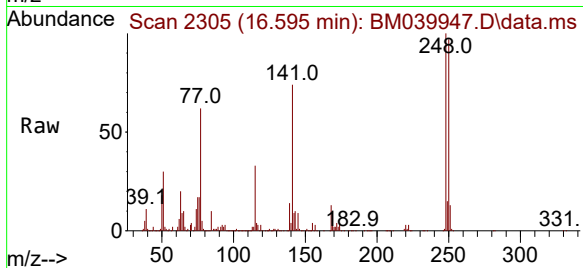




#67
4-Bromophenyl-phenylether
Concen: 36.238 ng
RT: 16.595 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

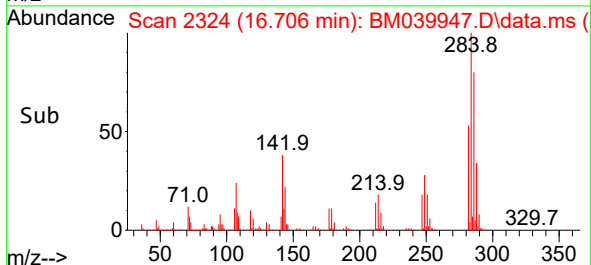
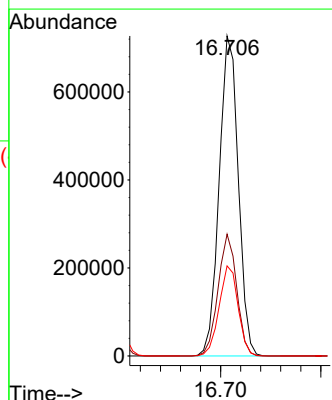
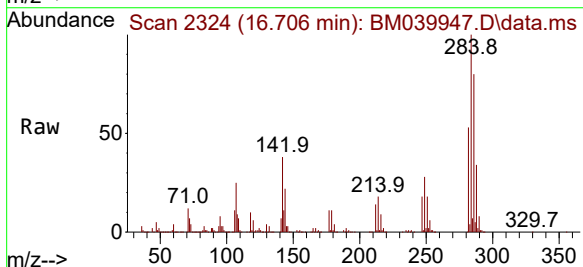
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

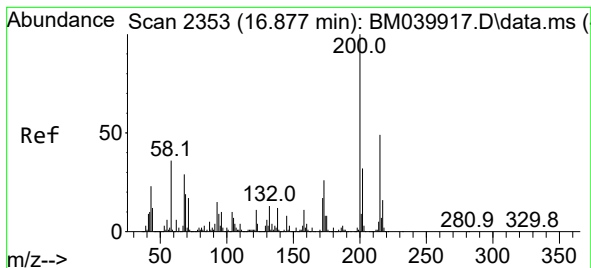
Tgt Ion:248 Resp: 808497
Ion Ratio Lower Upper
248 100
250 97.4 77.2 115.8
141 74.2 54.2 81.4



#68
Hexachlorobenzene
Concen: 36.546 ng
RT: 16.706 min Scan# 2324
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion:284 Resp: 959979
Ion Ratio Lower Upper
284 100
142 38.0 26.4 39.6
249 28.1 22.3 33.5





#69

Atrazine

Concen: 40.928 ng

RT: 16.865 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

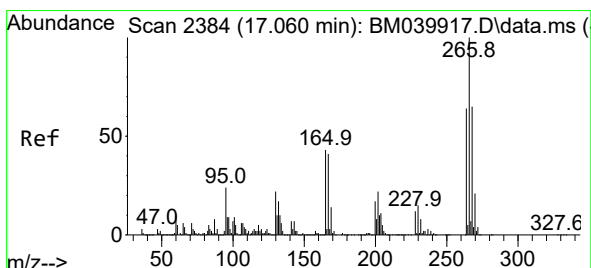
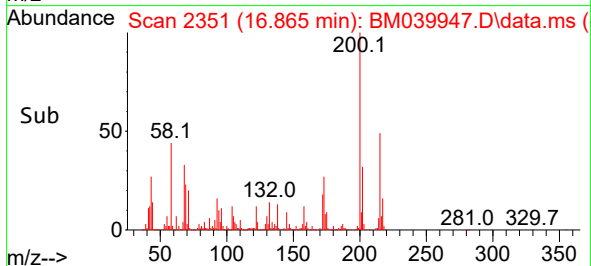
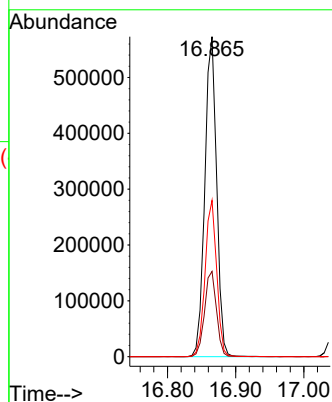
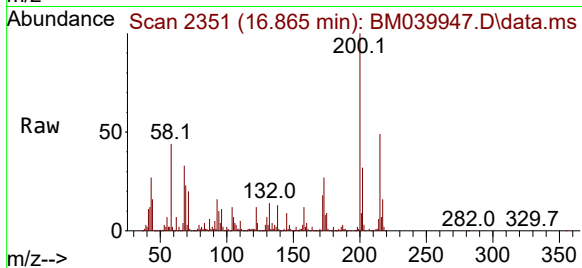
Tgt Ion:200 Resp: 691065

Ion Ratio Lower Upper

200 100

173 26.7 6.1 46.1

215 48.8 28.9 68.9



#70

Pentachlorophenol

Concen: 37.558 ng

RT: 17.048 min Scan# 2382

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

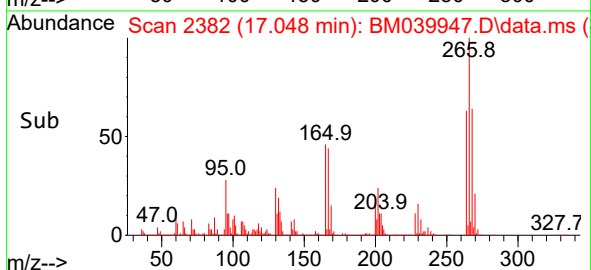
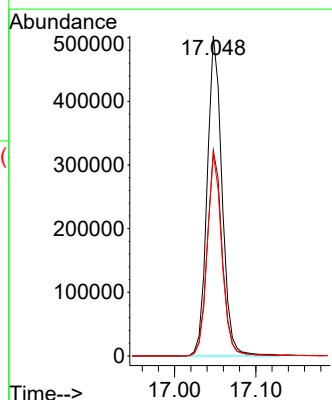
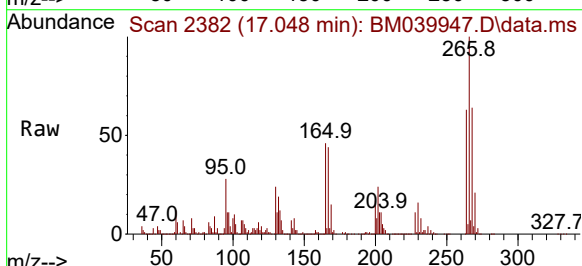
Tgt Ion:266 Resp: 637754

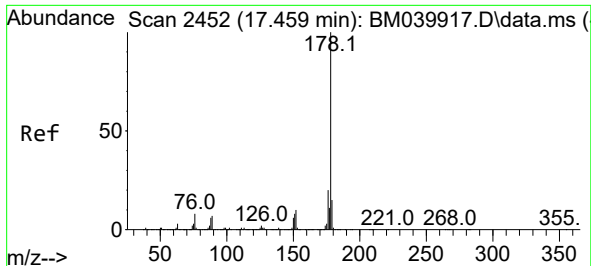
Ion Ratio Lower Upper

266 100

268 64.3 51.8 77.6

264 63.1 51.0 76.4

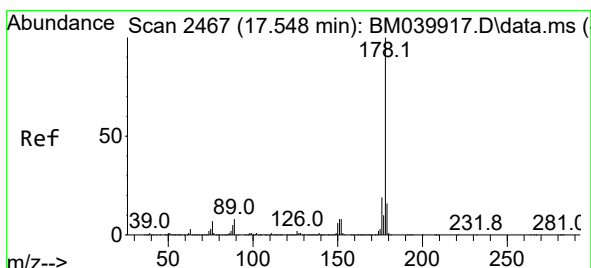
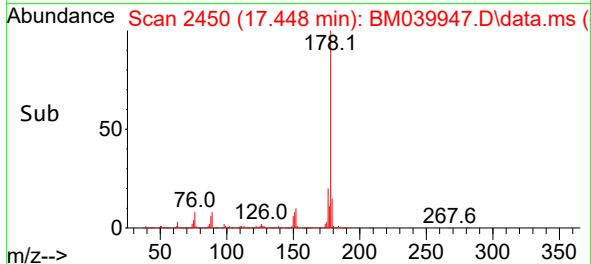
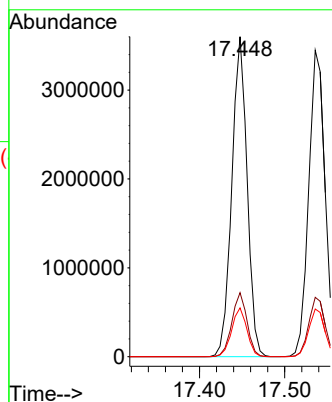
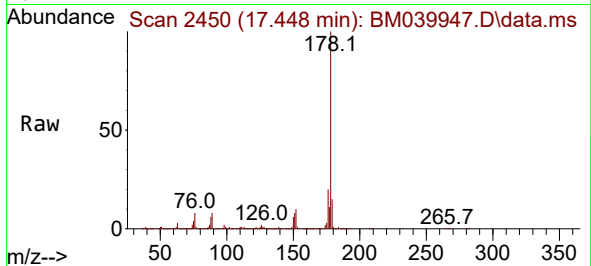




#71
Phenanthrene
Concen: 39.799 ng
RT: 17.448 min Scan# 2452
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

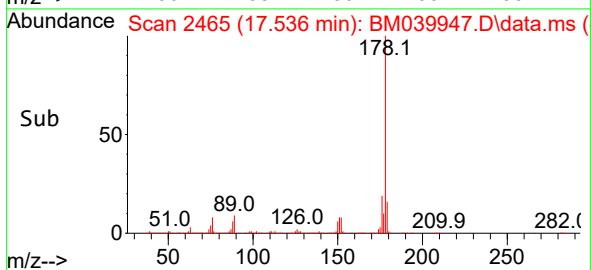
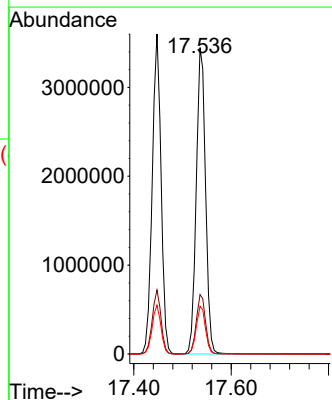
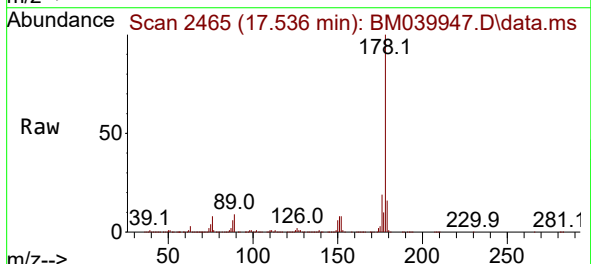
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

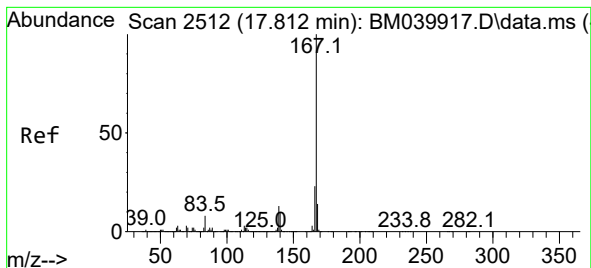
Tgt Ion:178 Resp: 4505172
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.2 12.3 18.5



#72
Anthracene
Concen: 40.588 ng
RT: 17.536 min Scan# 2465
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion:178 Resp: 4597978
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.4 18.6





#73

Carbazole

Concen: 41.800 ng

RT: 17.806 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

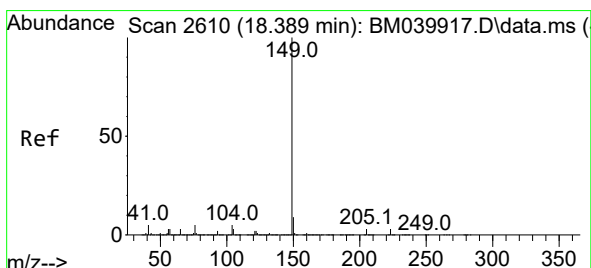
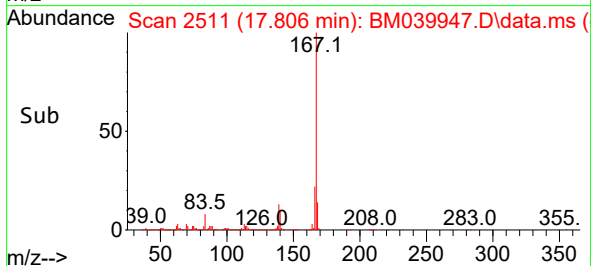
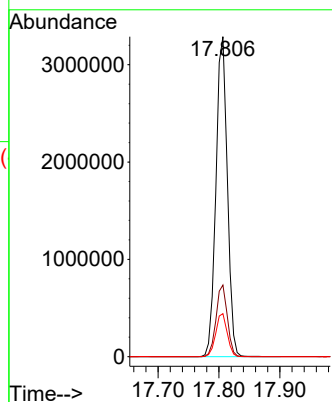
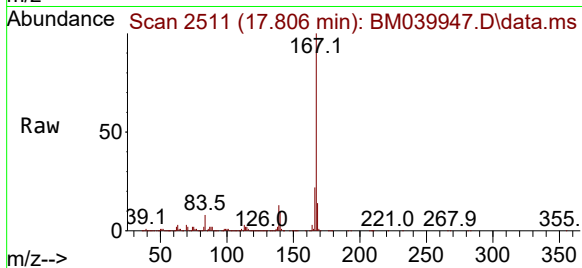
Tgt Ion:167 Resp: 4273764

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

139 13.4 10.6 16.0



#74

Di-n-butylphthalate

Concen: 45.540 ng

RT: 18.371 min Scan# 2607

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

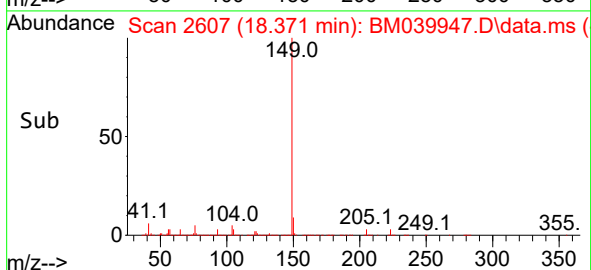
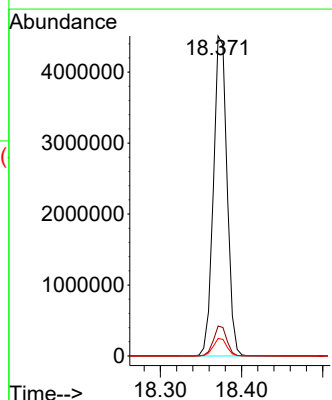
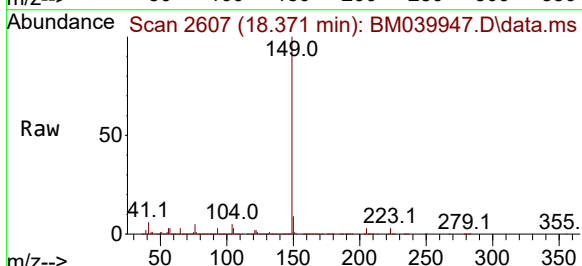
Tgt Ion:149 Resp: 5248818

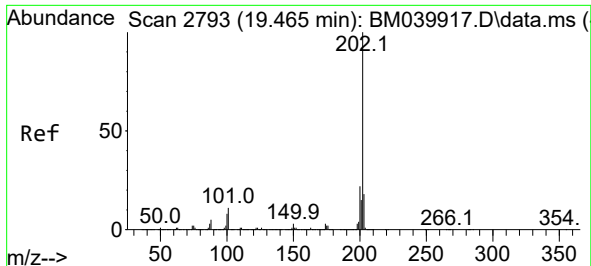
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.4 4.2 6.2

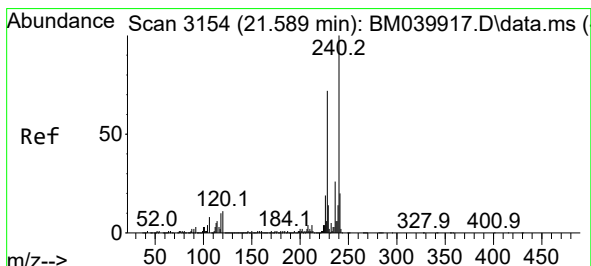
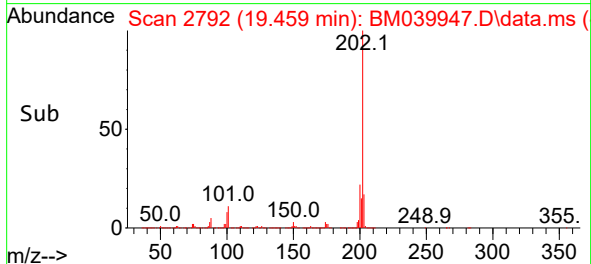
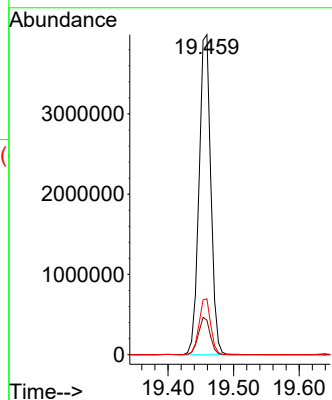
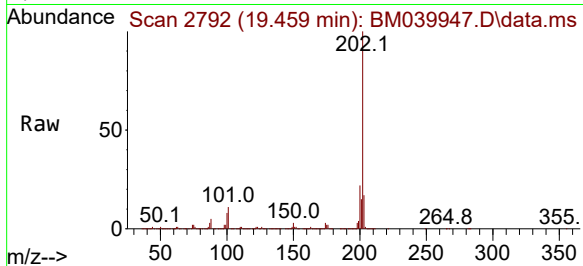




#75
Fluoranthene
Concen: 43.811 ng
RT: 19.459 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

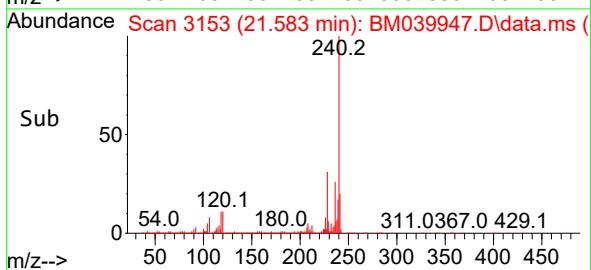
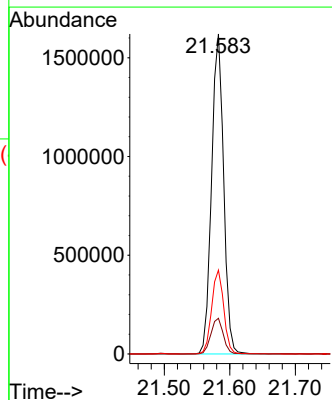
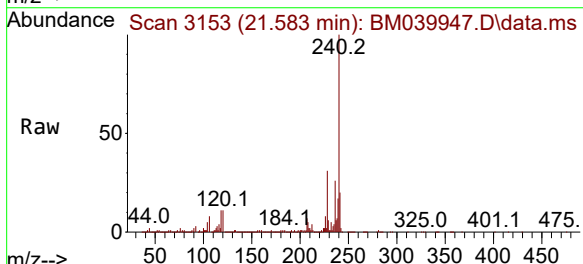
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

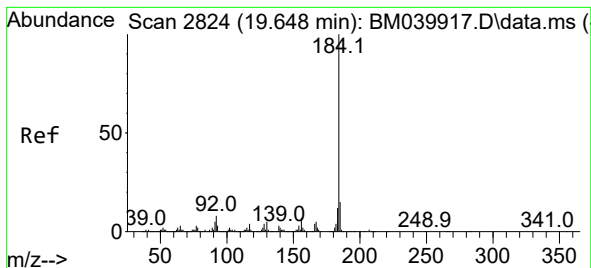
Tgt Ion:202 Resp: 4980146
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.6
203 17.5 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BM039947.D
Acq: 18 May 2023 12:16

Tgt Ion:240 Resp: 2071289
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.4
236 26.2 20.9 31.3





#77

Benzidine

Concen: 43.997 ng

RT: 19.636 min Scan# 2822

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

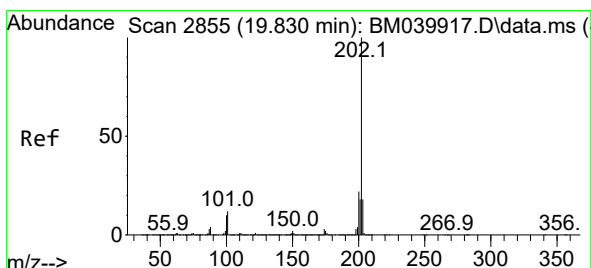
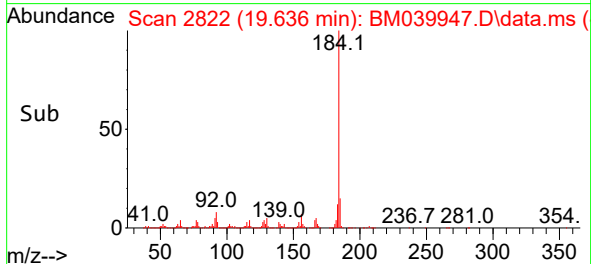
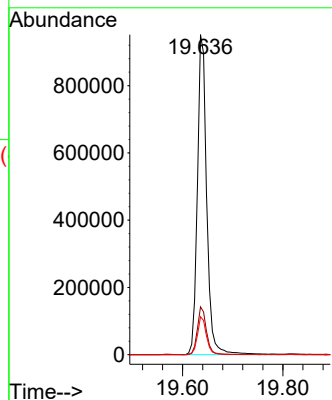
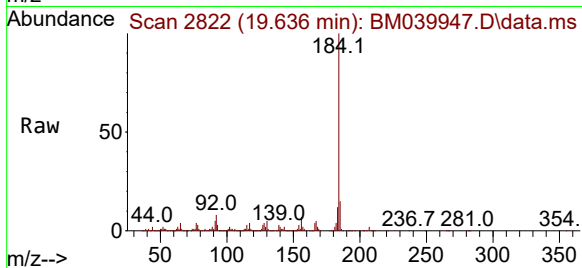
Tgt Ion:184 Resp: 1225569

Ion Ratio Lower Upper

184 100

185 15.0 12.1 18.1

183 11.8 9.5 14.3



#78

Pyrene

Concen: 36.646 ng

RT: 19.818 min Scan# 2853

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

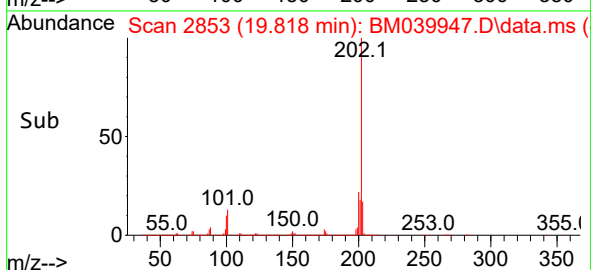
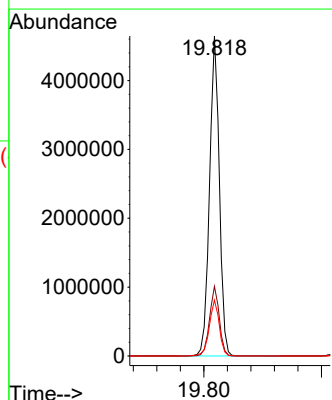
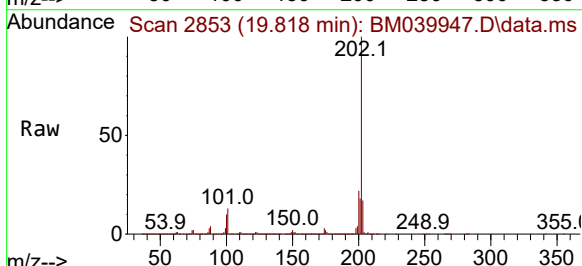
Tgt Ion:202 Resp: 5388496

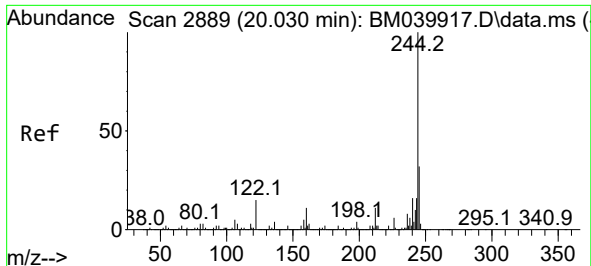
Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

203 17.5 14.2 21.2

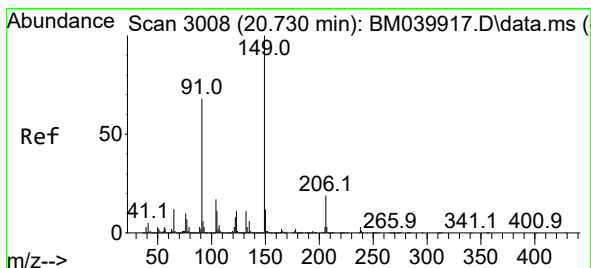
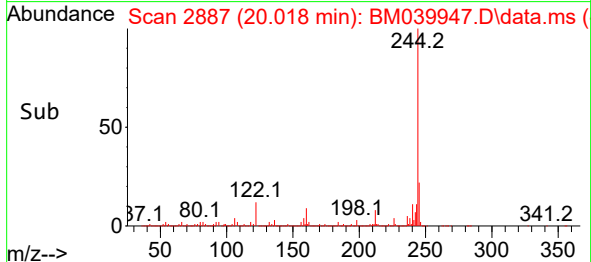
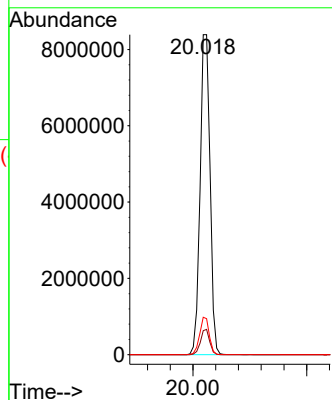
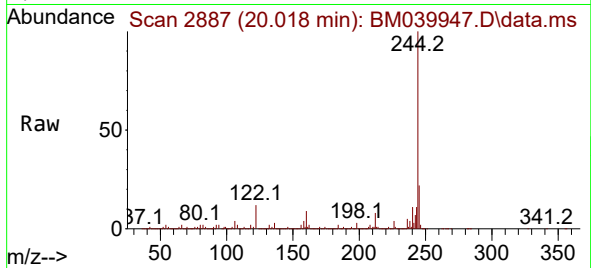




#79
 Terphenyl-d14
 Concen: 89.126 ng
 RT: 20.018 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039947.D
 Acq: 18 May 2023 12:16

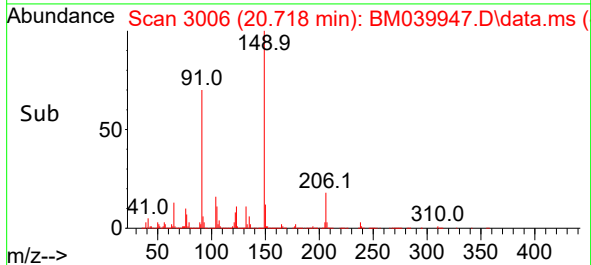
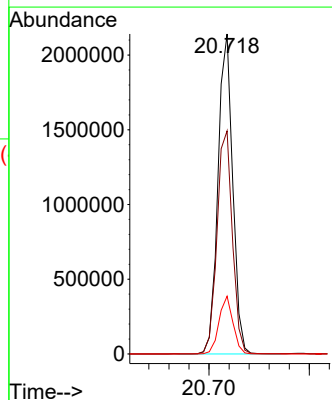
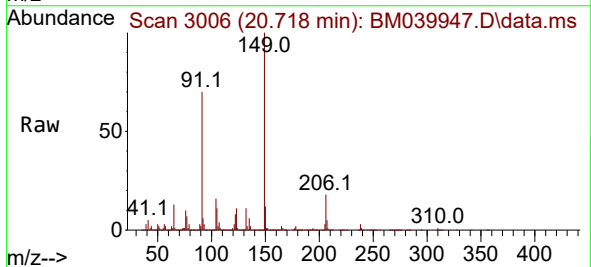
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

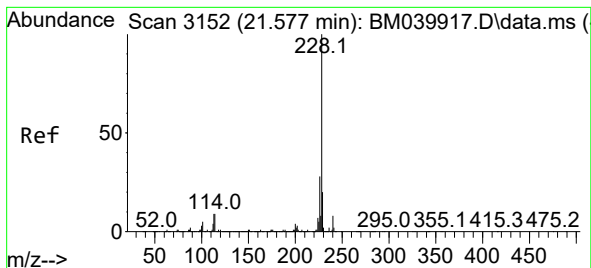
Tgt Ion:244 Resp:10199983
 Ion Ratio Lower Upper
 244 100
 212 7.5 8.5 12.7#
 122 11.7 12.1 18.1#



#80
 Butylbenzylphthalate
 Concen: 40.747 ng
 RT: 20.718 min Scan# 3006
 Delta R.T. 0.000 min
 Lab File: BM039947.D
 Acq: 18 May 2023 12:16

Tgt Ion:149 Resp: 2167452
 Ion Ratio Lower Upper
 149 100
 91 69.7 54.5 81.7
 206 18.0 14.9 22.3





#81

Benzo(a)anthracene

Concen: 40.273 ng

RT: 21.565 min Scan# 3150

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

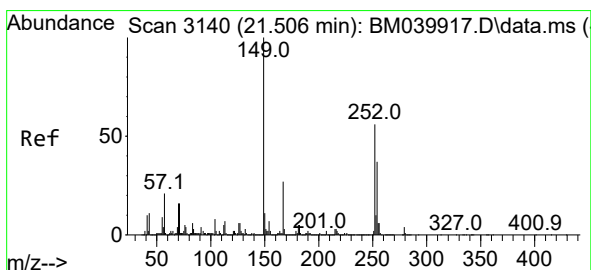
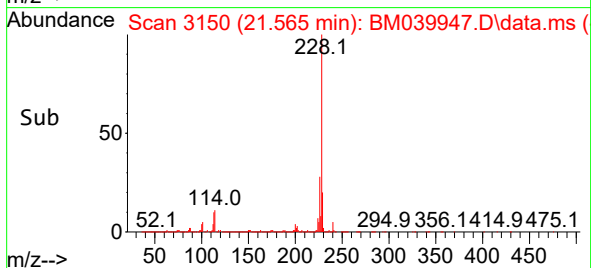
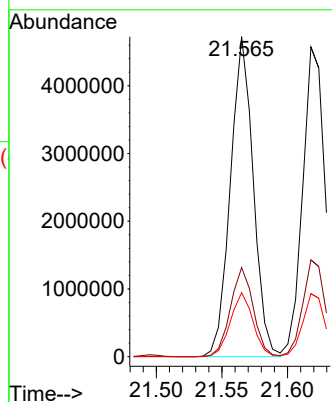
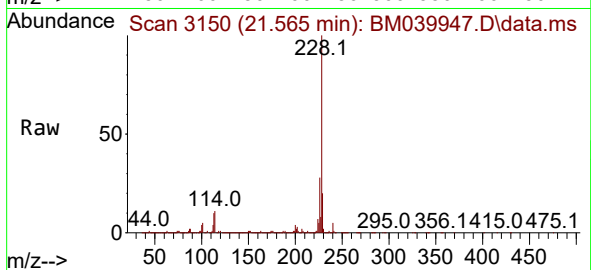
Tgt Ion:228 Resp: 5730496

Ion Ratio Lower Upper

228 100

226 27.9 22.6 34.0

229 20.0 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 41.656 ng

RT: 21.494 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

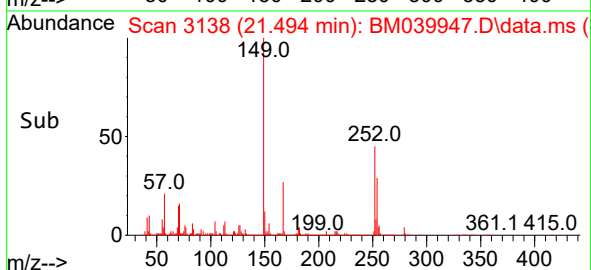
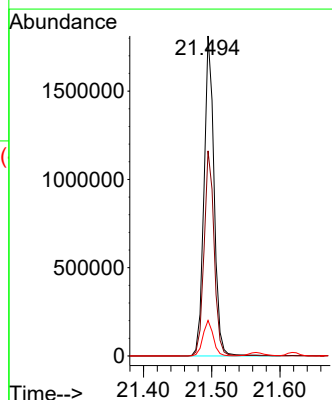
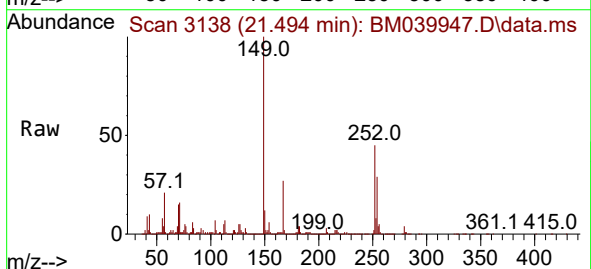
Tgt Ion:252 Resp: 1856498

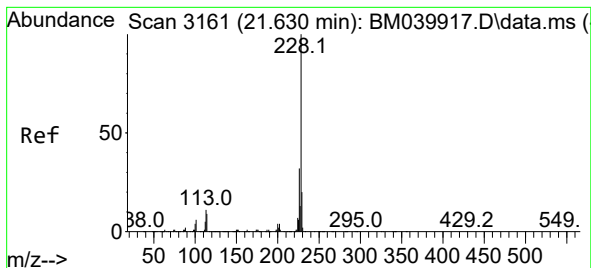
Ion Ratio Lower Upper

252 100

254 64.1 52.3 78.5

126 11.1 8.3 12.5





#83

Chrysene

Concen: 40.527 ng

RT: 21.618 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

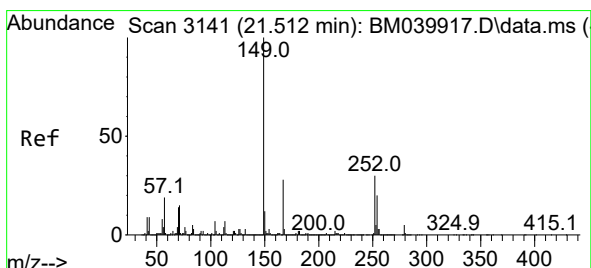
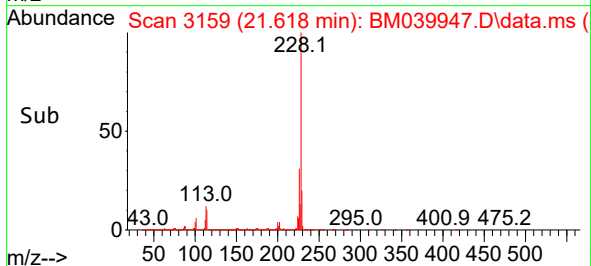
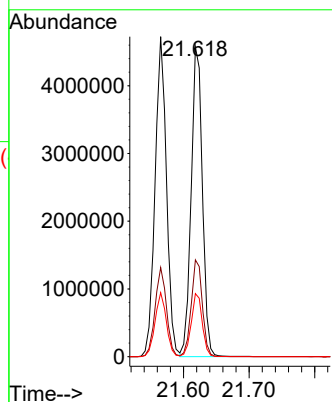
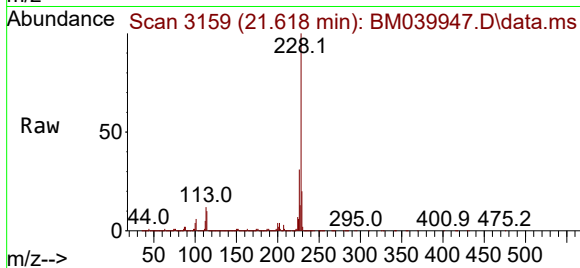
Tgt Ion:228 Resp: 5432226

Ion Ratio Lower Upper

228 100

226 31.2 25.4 38.0

229 20.3 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.592 ng

RT: 21.494 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

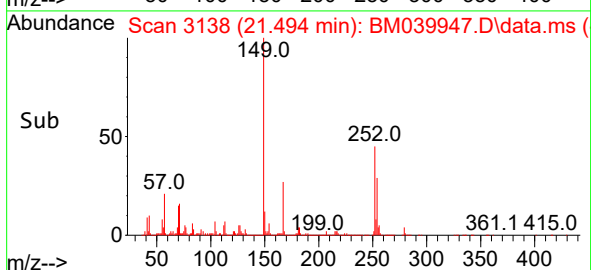
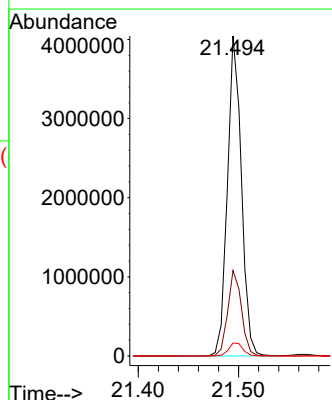
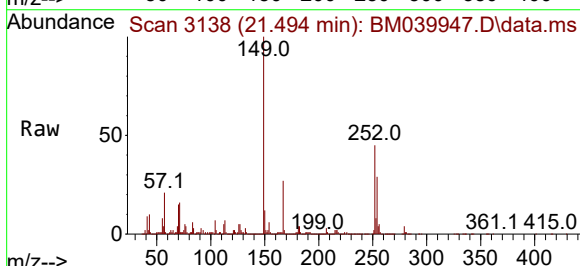
Tgt Ion:149 Resp: 3897799

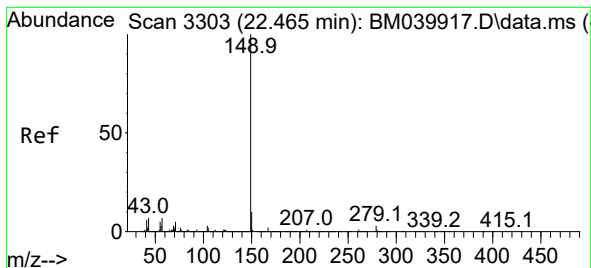
Ion Ratio Lower Upper

149 100

167 26.7 22.3 33.5

279 4.0 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 39.925 ng

RT: 22.447 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

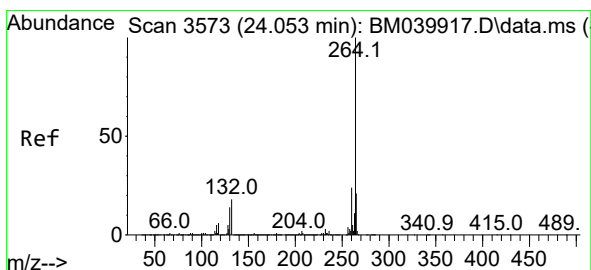
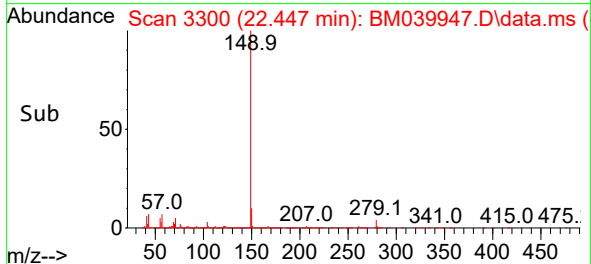
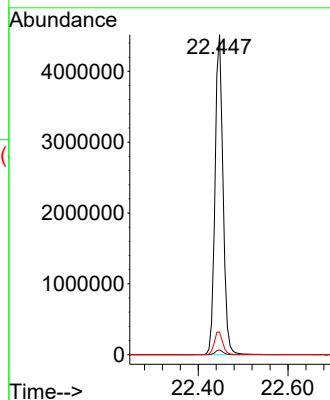
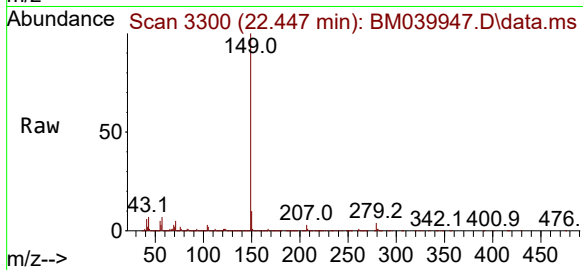
Tgt Ion:149 Resp: 5564384

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 7.6 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.041 min Scan# 3571

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

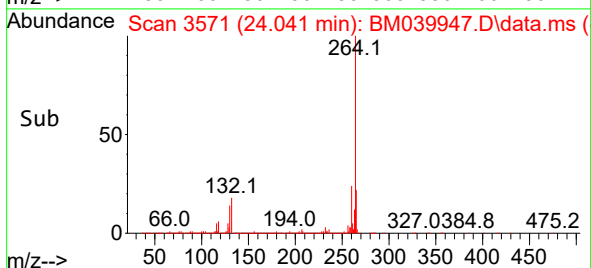
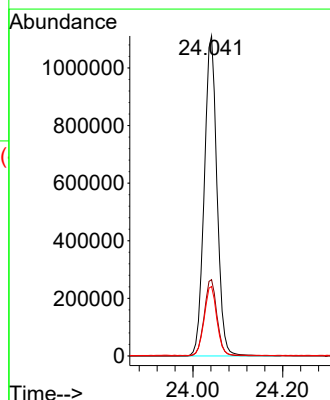
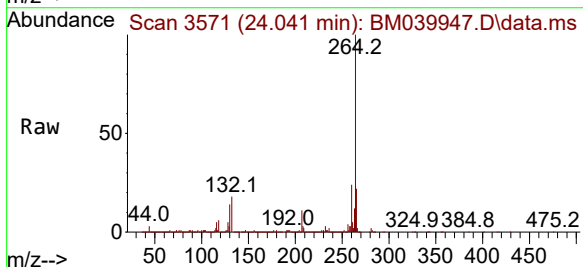
Tgt Ion:264 Resp: 2182648

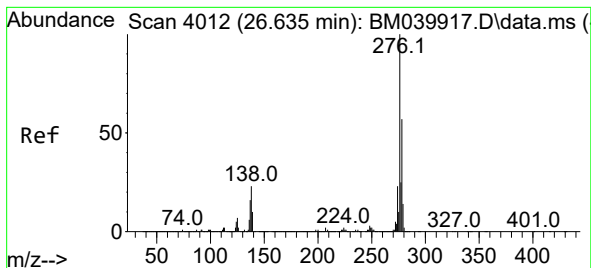
Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.7 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.444 ng

RT: 26.612 min Scan# 4012

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

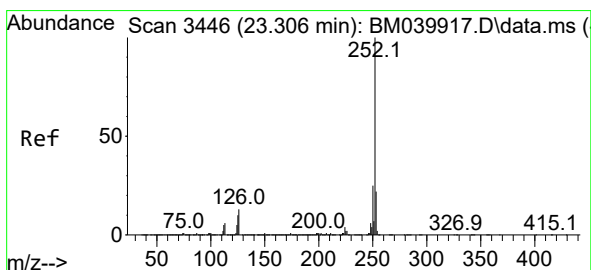
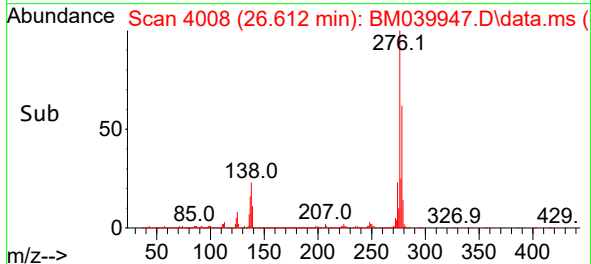
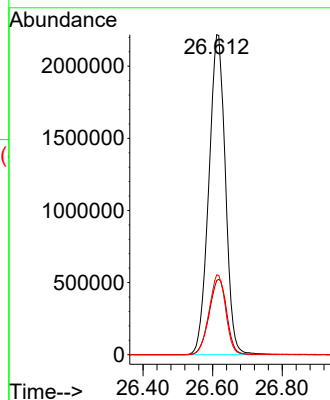
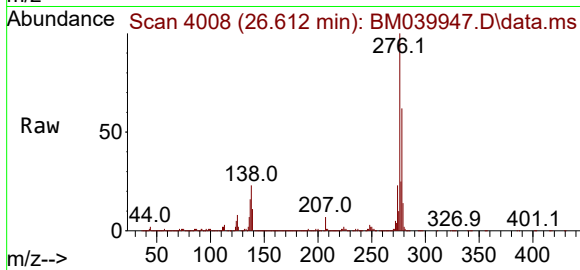
Tgt Ion:276 Resp: 7329761

Ion Ratio Lower Upper

276 100

138 25.2 19.8 29.8

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 38.431 ng

RT: 23.288 min Scan# 3443

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

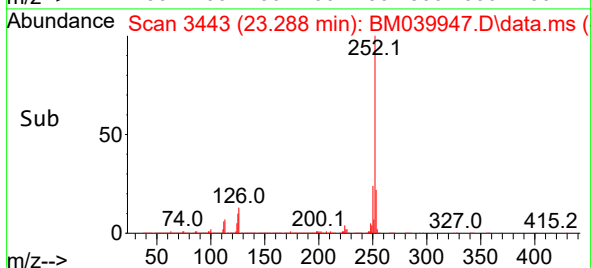
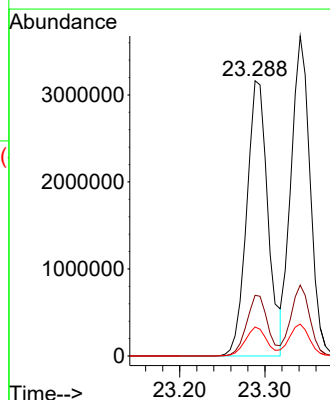
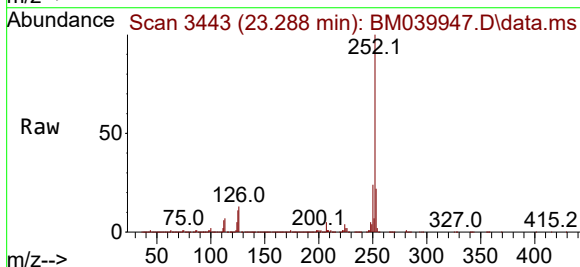
Tgt Ion:252 Resp: 5477326

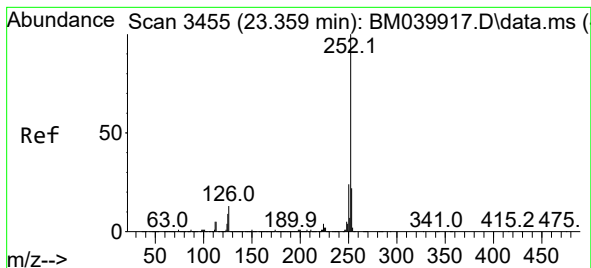
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.5 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 37.296 ng

RT: 23.341 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

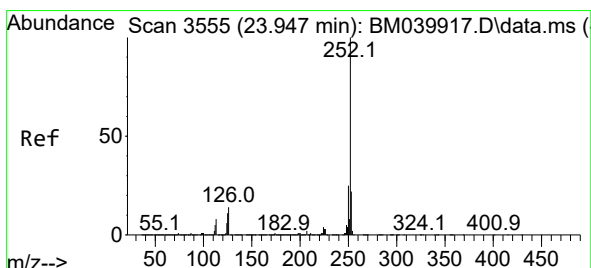
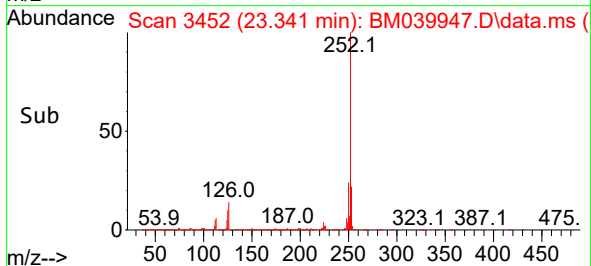
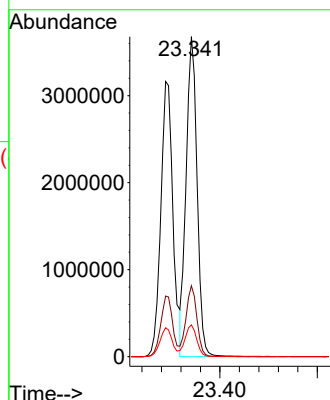
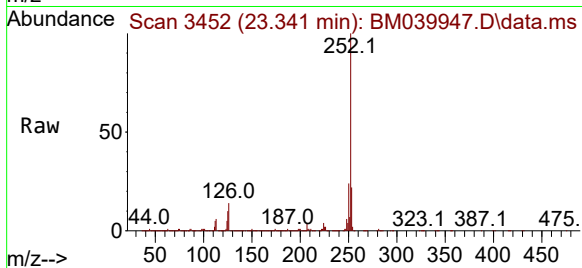
Tgt Ion:252 Resp: 5734605

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.9 7.5 11.3



#90

Benzo(a)pyrene

Concen: 39.802 ng

RT: 23.935 min Scan# 3553

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

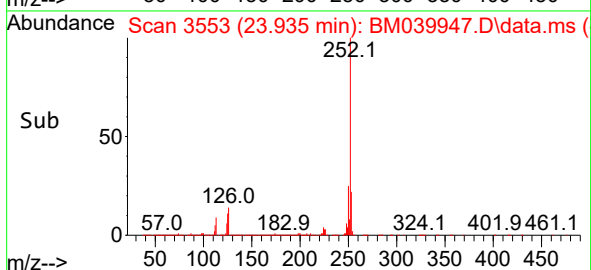
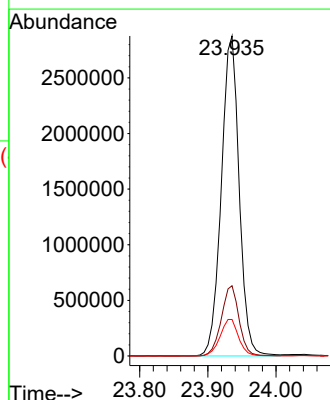
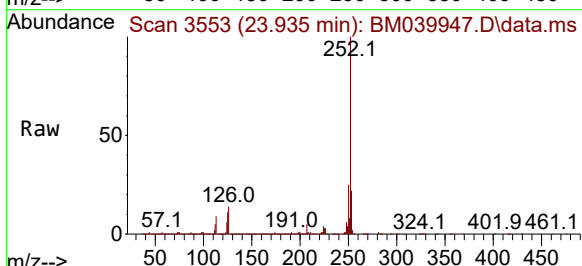
Tgt Ion:252 Resp: 5243136

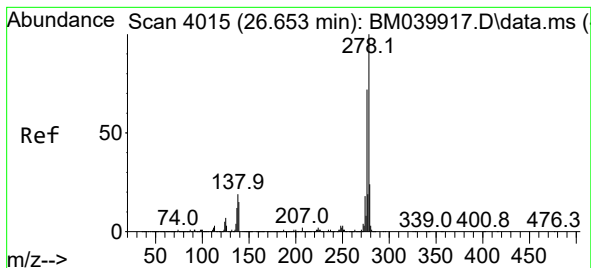
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 11.4 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 47.088 ng

RT: 26.629 min Scan# 4015

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

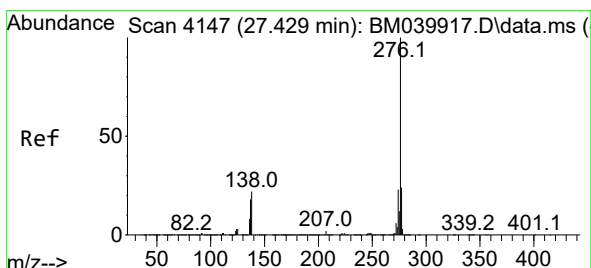
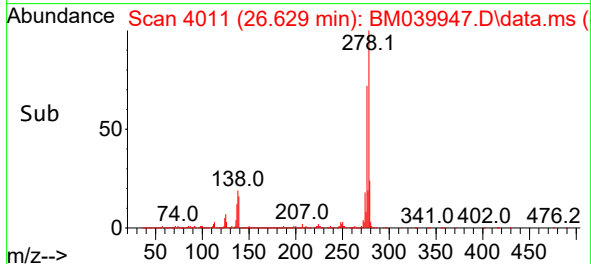
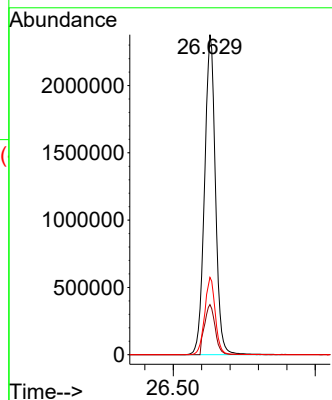
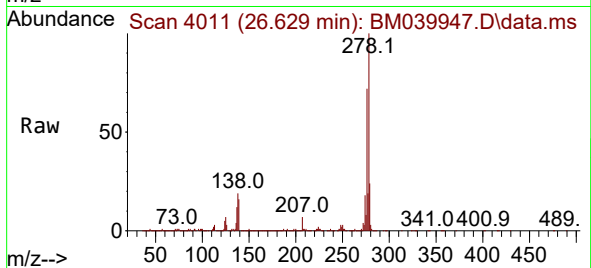
Tgt Ion:278 Resp: 6310109

Ion Ratio Lower Upper

278 100

139 15.7 12.2 18.4

279 24.2 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 46.816 ng

RT: 27.400 min Scan# 4142

Delta R.T. 0.000 min

Lab File: BM039947.D

Acq: 18 May 2023 12:16

Tgt Ion:276 Resp: 5403103

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 21.9 17.4 26.2

