

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
 Data File : BM039913.D
 Acq On : 12 May 2023 11:35
 Operator : CG/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Quant Time: May 13 01:01:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 13 01:00:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	309344	20.000	ng	0.00
21) Naphthalene-d8	10.848	136	1377887	20.000	ng	0.00
39) Acenaphthene-d10	14.672	164	805906	20.000	ng	0.00
64) Phenanthrene-d10	17.413	188	1668196	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1453311	20.000	ng	0.00
86) Perylene-d12	24.047	264	1564474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.572	112	97178	5.105	ng	0.00
7) Phenol-d6	7.178	99	121982	4.809	ng	0.00
23) Nitrobenzene-d5	9.195	82	78297	3.328	ng	-0.01
42) 2,4,6-Tribromophenol	16.148	330	32284	2.558	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	282361	4.482	ng	0.00
79) Terphenyl-d14	20.024	244	343635	4.279	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.431	88	23101	3.212	ng	98
3) Pyridine	3.860	79	32197	1.601	ng	94
4) n-Nitrosodimethylamine	3.755	42	20473	2.794	ng	# 91
6) Aniline	7.354	93	76859	2.437	ng	95
8) 2-Chlorophenol	7.590	128	50408	2.367	ng	97
9) Benzaldehyde	7.166	77	47106	3.910	ng	94
10) Phenol	7.201	94	63715	2.500	ng	96
11) bis(2-Chloroethyl)ether	7.448	93	57055	2.673	ng	95
12) 1,3-Dichlorobenzene	7.919	146	57441	2.606	ng	98
13) 1,4-Dichlorobenzene	8.072	146	59954	2.652	ng	97
14) 1,2-Dichlorobenzene	8.390	146	56852	2.543	ng	99
15) Benzyl Alcohol	8.272	79	34987	2.071	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.560	45	65789	2.776	ng	97
17) 2-Methylphenol	8.472	107	41717	2.228	ng	98
18) Hexachloroethane	9.125	117	18406	2.340	ng	93
19) n-Nitroso-di-n-propyla...	8.842	70	37709	2.240	ng	# 95
20) 3+4-Methylphenols	8.795	107	54869	2.204	ng	97
22) Acetophenone	8.860	105	87722	2.414	ng	# 97
24) Nitrobenzene	9.242	77	46098	1.938	ng	91
25) Isophorone	9.766	82	104855	2.164	ng	96
26) 2-Nitrophenol	9.954	139	9269	1.111	ng	96
27) 2,4-Dimethylphenol	10.013	122	41690	2.023	ng	99
28) bis(2-Chloroethoxy)met...	10.254	93	69089	2.327	ng	95
29) 2,4-Dichlorophenol	10.489	162	34461	1.760	ng	98
30) 1,2,4-Trichlorobenzene	10.713	180	49171	2.297	ng	99
31) Naphthalene	10.901	128	181794	2.432	ng	99
32) Benzoic acid	10.060	122	4521	0.413	ng	# 82
33) 4-Chloroaniline	11.007	127	68854	2.104	ng	# 95
34) Hexachlorobutadiene	11.189	225	26694	2.188	ng	94
35) Caprolactam	11.748	113	6460	1.104	ng	# 88
36) 4-Chloro-3-methylphenol	12.119	107	39455	1.885	ng	97
37) 2-Methylnaphthalene	12.507	142	115643	2.171	ng	98
38) 1-Methylnaphthalene	12.725	142	110617	2.205	ng	96
40) 1,2,4,5-Tetrachloroben...	12.866	216	51638	2.124	ng	98
41) Hexachlorocyclopentadiene	12.848	237	12514	1.149	ng	99
43) 2,4,6-Trichlorophenol	13.101	196	23620	1.590	ng	93

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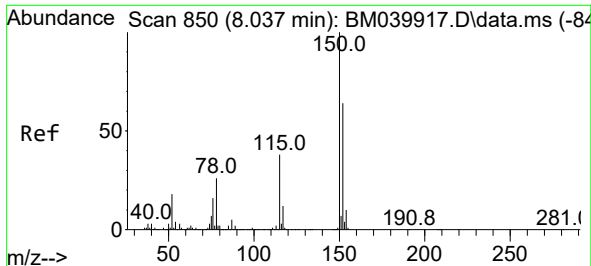
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.172	196	27896	1.592	ng	93
46) 1,1'-Biphenyl	13.507	154	151364	2.267	ng	98
47) 2-Chloronaphthalene	13.548	162	110699	2.235	ng	96
48) 2-Nitroaniline	13.742	65	10195	1.050	ng	93
49) Acenaphthylene	14.389	152	165705	2.075	ng	98
50) Dimethylphthalate	14.124	163	136339	2.169	ng	100
51) 2,6-Dinitrotoluene	14.236	165	10955	0.974	ng	# 58
52) Acenaphthene	14.730	154	113804	2.240	ng	98
53) 3-Nitroaniline	14.566	138	13166	1.018	ng	# 86
54) 2,4-Dinitrophenol	14.760	184	2658	0.635	ng	# 51
55) Dibenzofuran	15.066	168	176390	2.275	ng	98
56) 4-Nitrophenol	14.854	139	10427	0.956	ng	# 79
57) 2,4-Dinitrotoluene	15.019	165	11928	0.836	ng	# 90
58) Fluorene	15.713	166	136062	1.997	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.207	232	20787	1.444	ng	97
60) Diethylphthalate	15.483	149	130579	2.015	ng	96
61) 4-Chlorophenyl-phenyle...	15.707	204	63702	1.884	ng	# 89
62) 4-Nitroaniline	15.718	138	14658	1.034	ng	89
63) Azobenzene	16.001	77	144215	2.326	ng	95
65) 4,6-Dinitro-2-methylph...	15.777	198	4541	0.678	ng	74
66) n-Nitrosodiphenylamine	15.918	169	109382	1.903	ng	99
67) 4-Bromophenyl-phenylether	16.601	248	34915	1.799	ng	# 93
68) Hexachlorobenzene	16.713	284	45452	1.989	ng	# 90
69) Atrazine	16.865	200	19826	1.350	ng	89
70) Pentachlorophenol	17.054	266	16560	1.121	ng	96
71) Phenanthrene	17.454	178	216135	2.195	ng	99
72) Anthracene	17.542	178	194118	1.970	ng	99
73) Carbazole	17.807	167	174050	1.957	ng	99
74) Di-n-butylphthalate	18.383	149	135775	1.354	ng	# 97
75) Fluoranthene	19.459	202	186525	1.886	ng	96
77) Benzidine	19.642	184	27479	1.406	ng	96
78) Pyrene	19.818	202	197958	1.919	ng	99
80) Butylbenzylphthalate	20.724	149	22865	0.711	ng	# 75
81) Benzo(a)anthracene	21.565	228	206407	2.067	ng	98
82) 3,3'-Dichlorobenzidine	21.500	252	24233	0.852	ng	97
83) Chrysene	21.618	228	203167	2.160	ng	97
84) Bis(2-ethylhexyl)phtha...	21.506	149	43635	0.753	ng	# 92
85) Di-n-octyl phthalate	22.459	149	64250	0.755	ng	# 81
87) Indeno(1,2,3-cd)pyrene	26.612	276	192252	1.736	ng	96
88) Benzo(b)fluoranthene	23.289	252	175695	1.720	ng	# 96
89) Benzo(k)fluoranthene	23.342	252	191857	1.741	ng	# 96
90) Benzo(a)pyrene	23.936	252	154765	1.639	ng	# 95
91) Dibenzo(a,h)anthracene	26.630	278	161260	1.679	ng	# 95
92) Benzo(g,h,i)perylene	27.394	276	157439	1.903	ng	94

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

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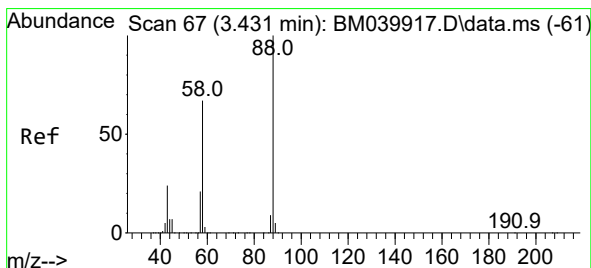
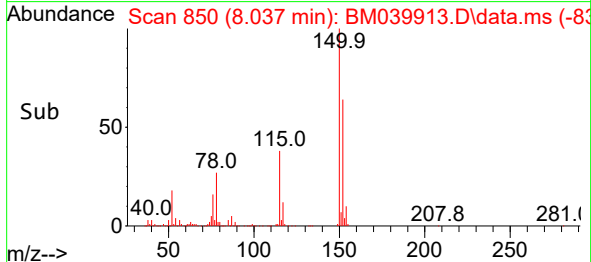
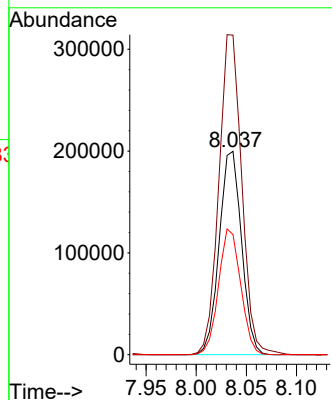
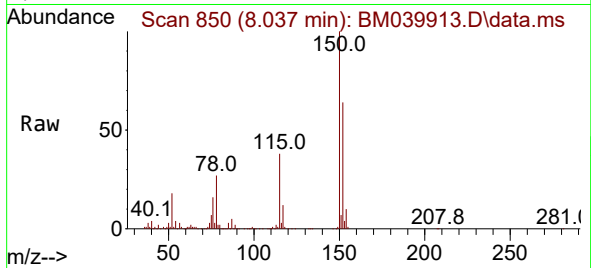




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.037 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM039913.D
 Acq: 12 May 2023 11:35

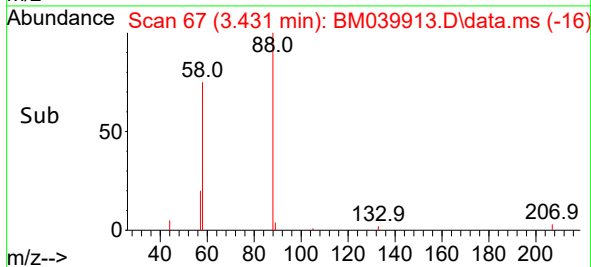
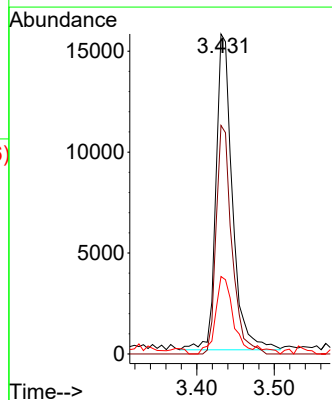
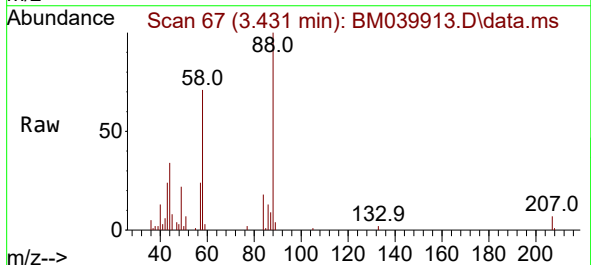
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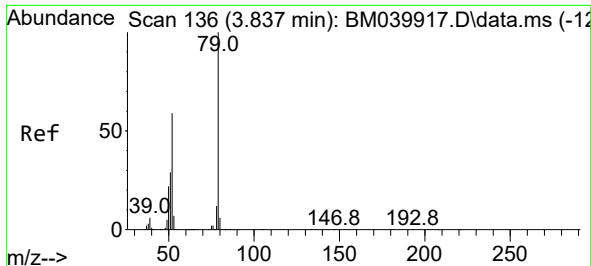
Tgt Ion:152 Resp: 309344
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.0 187.4
 115 59.1 47.0 70.6



#2
 1,4-Dioxane
 Concen: 3.212 ng
 RT: 3.431 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: BM039913.D
 Acq: 12 May 2023 11:35

Tgt Ion: 88 Resp: 23101
 Ion Ratio Lower Upper
 88 100
 58 68.9 54.4 81.6
 43 26.1 19.1 28.7

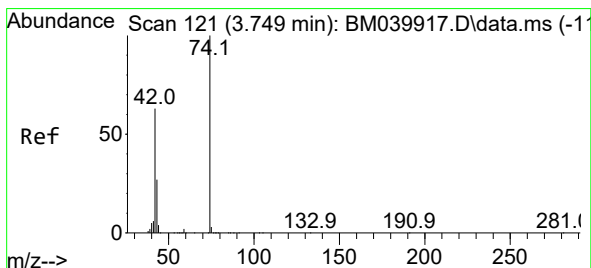
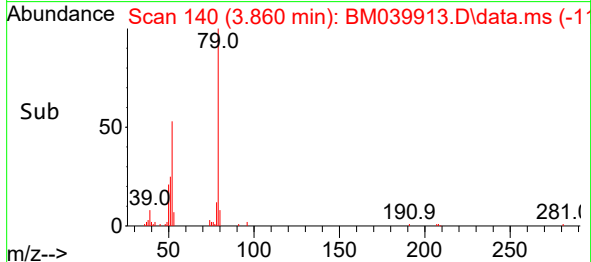
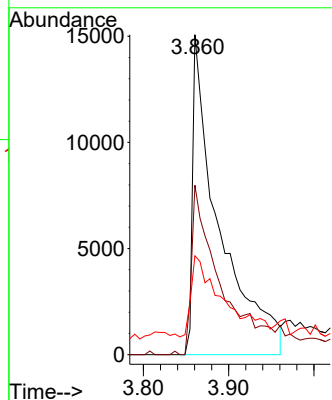
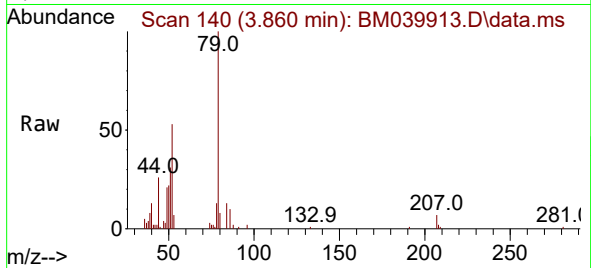




#3
Pyridine
Concen: 1.601 ng
RT: 3.860 min Scan# 14
Delta R.T. 0.024 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

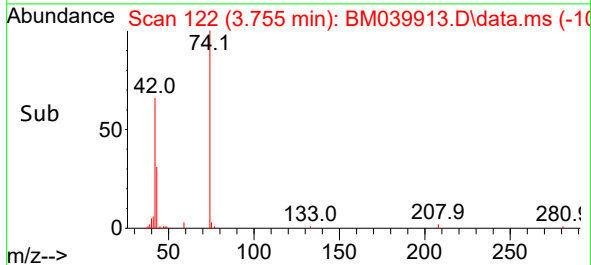
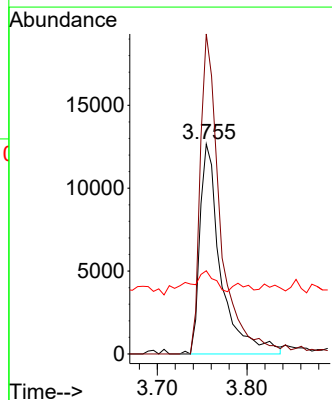
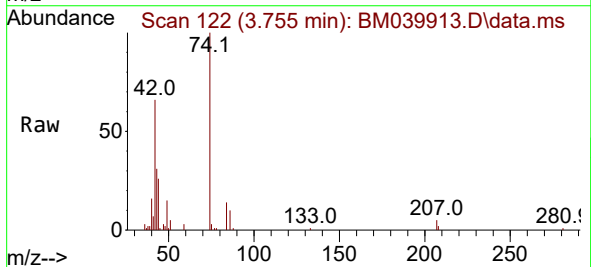
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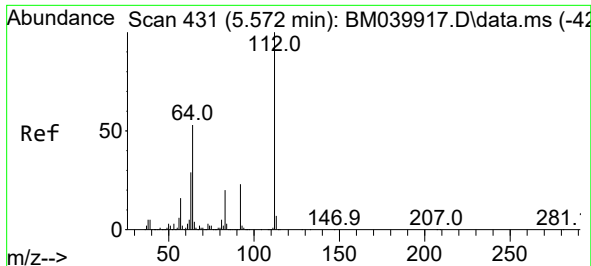
Tgt Ion: 79 Resp: 32197
Ion Ratio Lower Upper
79 100
52 52.9 46.8 70.2
51 30.9 23.6 35.4



#4
n-Nitrosodimethylamine
Concen: 2.794 ng
RT: 3.755 min Scan# 122
Delta R.T. 0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion: 42 Resp: 20473
Ion Ratio Lower Upper
42 100
74 152.5 127.8 191.6
44 39.6 5.8 8.8

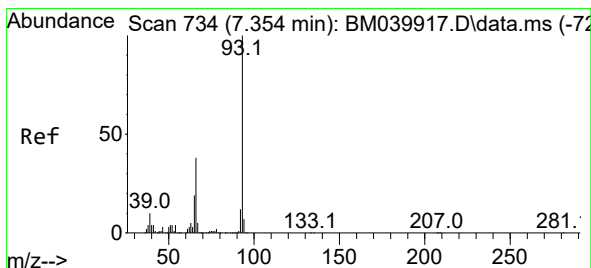
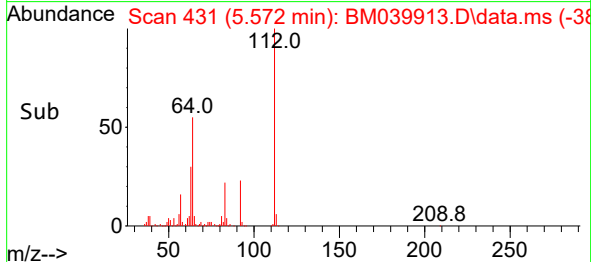
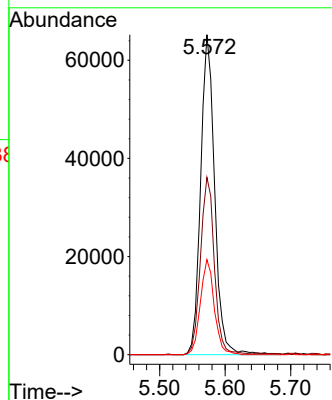
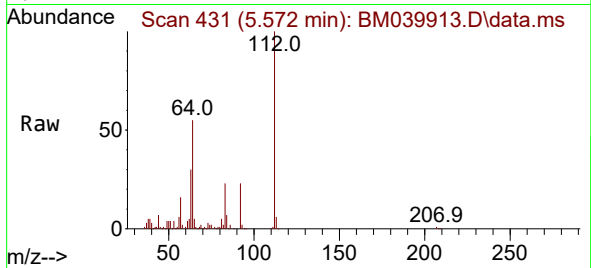




#5
2-Fluorophenol
Concen: 5.105 ng
RT: 5.572 min Scan# 431
Delta R.T. 0.000 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

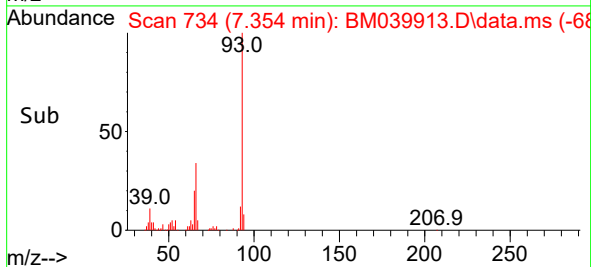
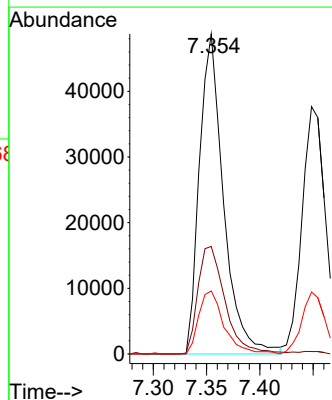
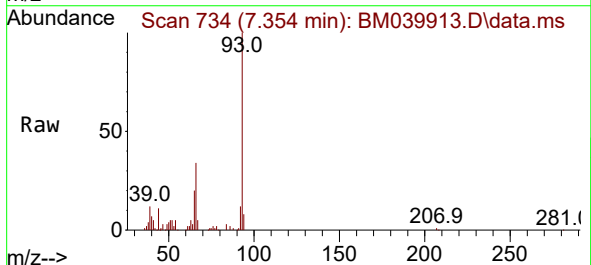
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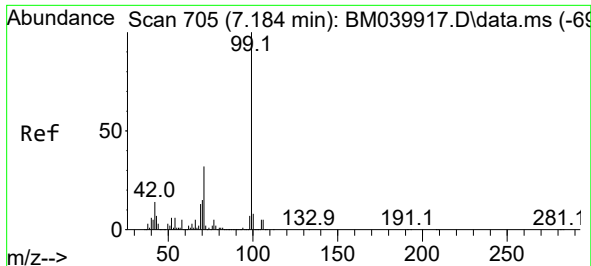
Tgt Ion:112 Resp: 97178
Ion Ratio Lower Upper
112 100
64 55.4 42.6 64.0
63 29.7 23.3 34.9



#6
Aniline
Concen: 2.437 ng
RT: 7.354 min Scan# 734
Delta R.T. 0.000 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion: 93 Resp: 76859
Ion Ratio Lower Upper
93 100
66 33.6 30.4 45.6
65 19.7 15.5 23.3

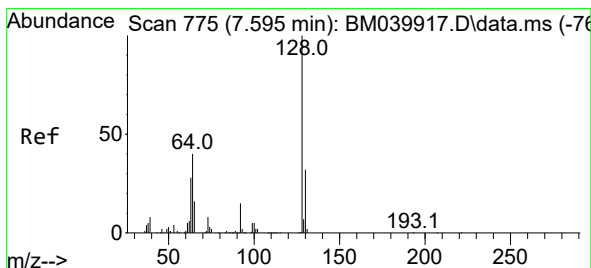
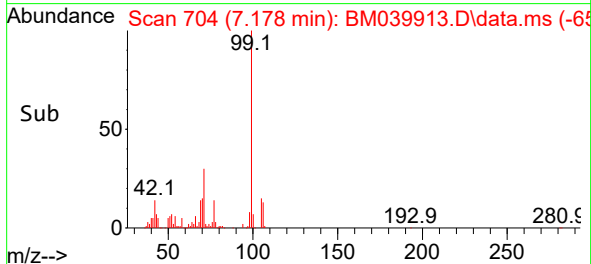
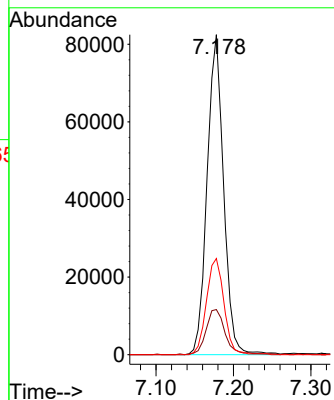
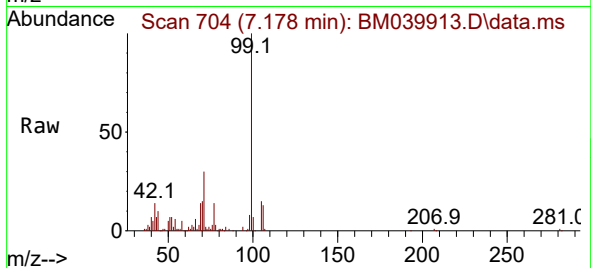




#7
Phenol-d6
Concen: 4.809 ng
RT: 7.178 min Scan# 704
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

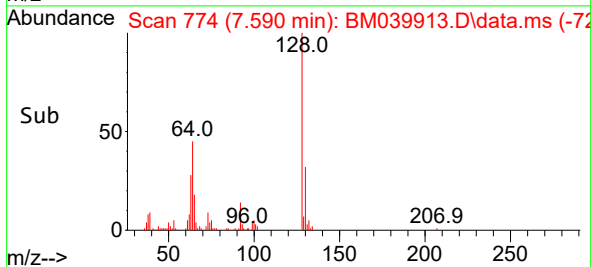
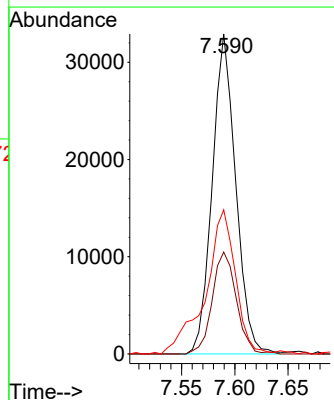
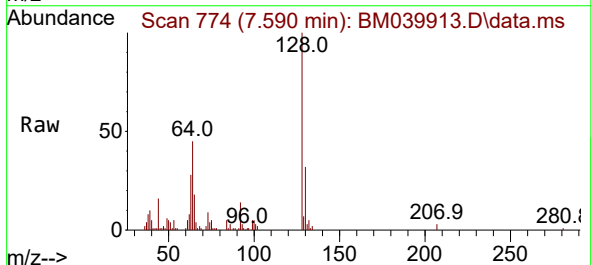
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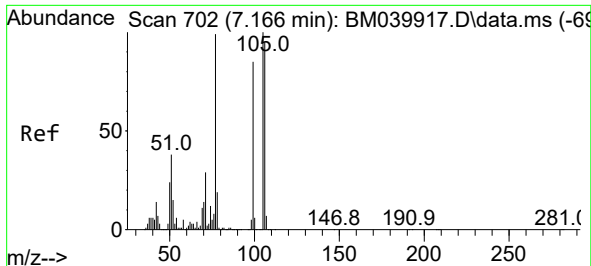
Tgt Ion: 99 Resp: 121982
Ion Ratio Lower Upper
99 100
42 14.1 11.5 17.3
71 30.0 25.7 38.5



#8
2-Chlorophenol
Concen: 2.367 ng
RT: 7.590 min Scan# 774
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion: 128 Resp: 50408
Ion Ratio Lower Upper
128 100
130 31.8 12.3 52.3
64 45.0 21.8 61.8

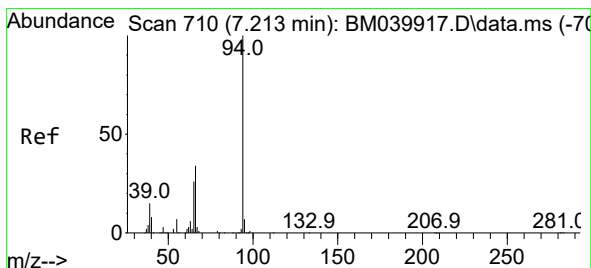
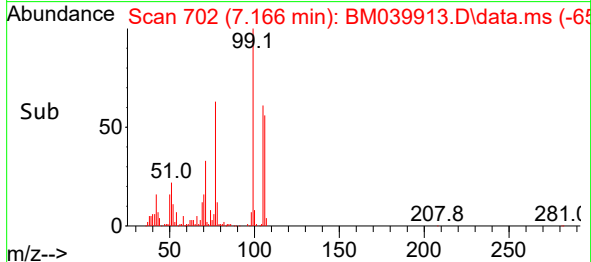
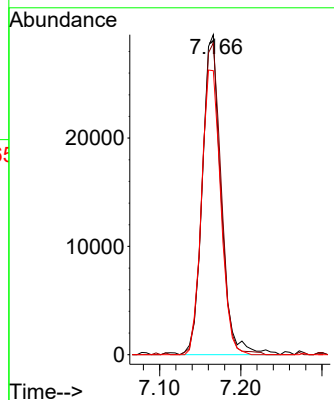
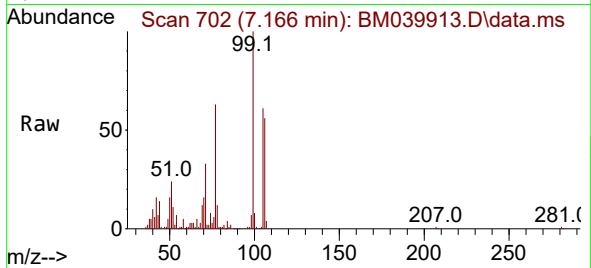




#9
Benzaldehyde
Concen: 3.910 ng
RT: 7.166 min Scan# 702
Delta R.T. 0.000 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

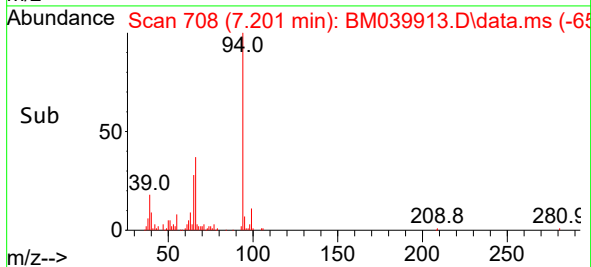
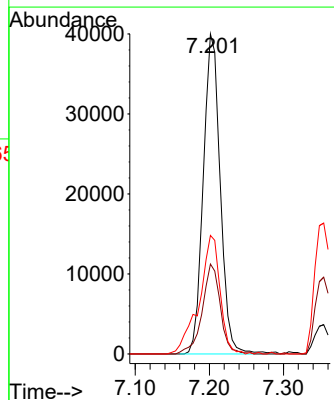
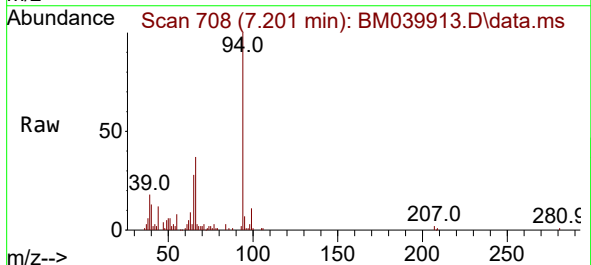
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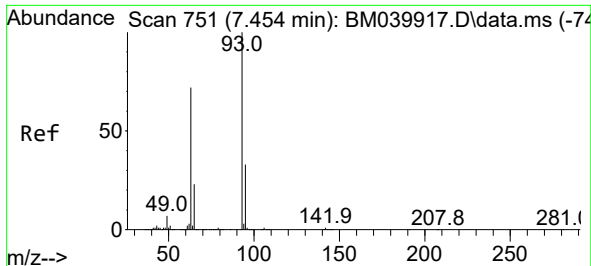
Tgt Ion: 77 Resp: 47106
Ion Ratio Lower Upper
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105 97.4 81.2 121.2
106 88.7 76.2 116.2



#10
Phenol
Concen: 2.500 ng
RT: 7.201 min Scan# 708
Delta R.T. -0.012 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion: 94 Resp: 63715
Ion Ratio Lower Upper
94 100
65 28.1 6.4 46.4
66 37.0 14.7 54.7

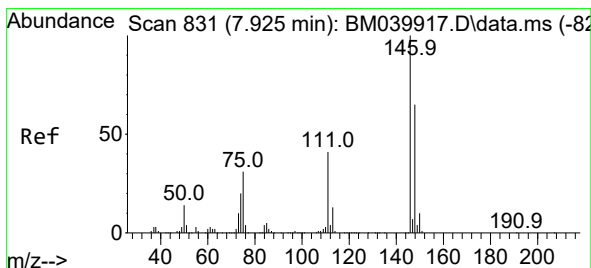
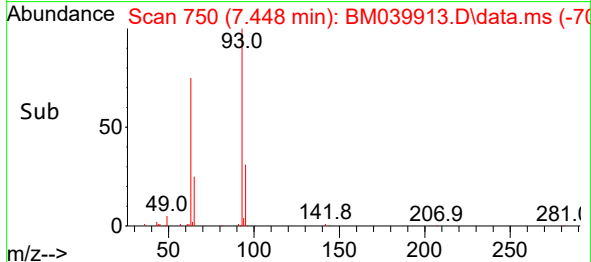
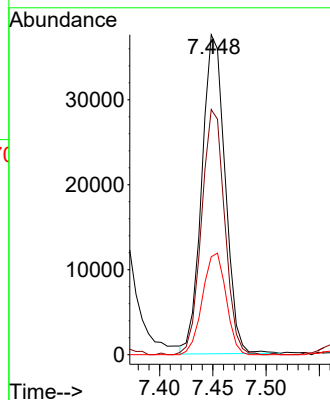
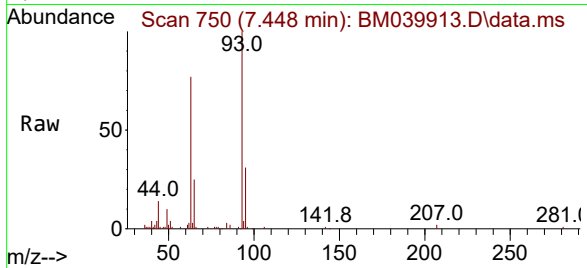




#11
bis(2-Chloroethyl)ether
Concen: 2.673 ng
RT: 7.448 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

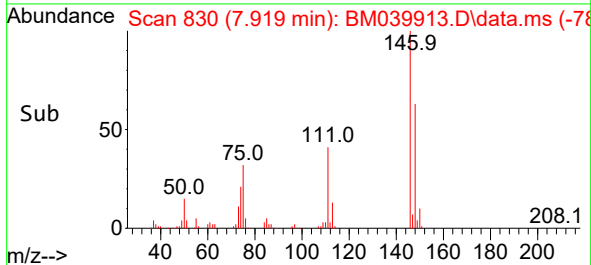
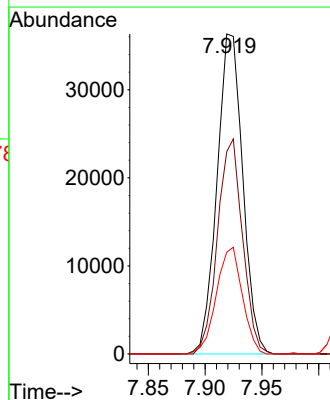
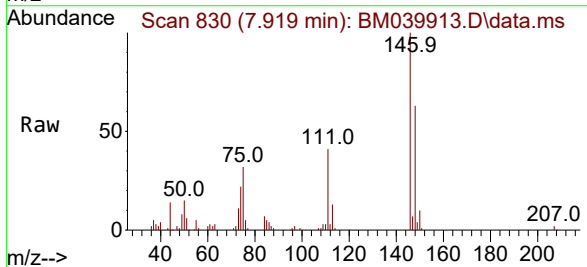
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

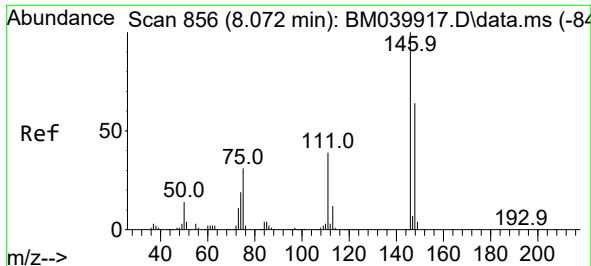
Tgt Ion: 93 Resp: 57055
Ion Ratio Lower Upper
93 100
63 76.6 52.0 92.0
95 30.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 2.606 ng
RT: 7.919 min Scan# 830
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion: 146 Resp: 57441
Ion Ratio Lower Upper
146 100
148 63.2 51.7 77.5
75 31.8 24.7 37.1

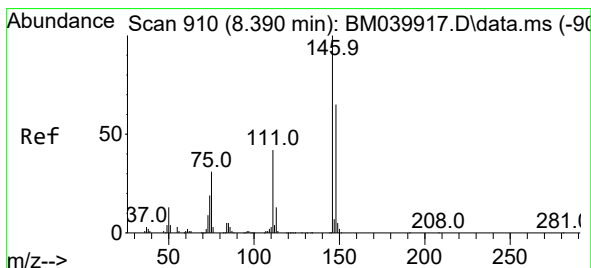
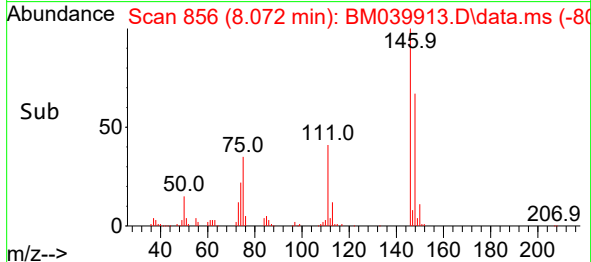
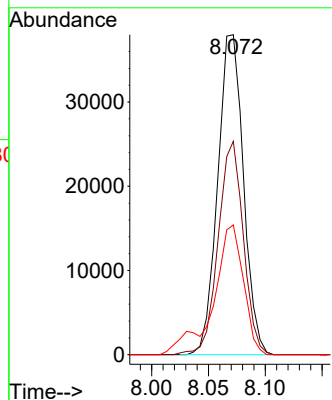
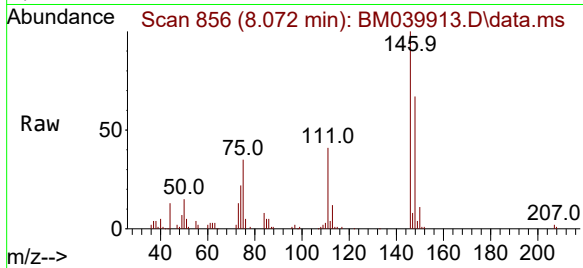




#13
1,4-Dichlorobenzene
Concen: 2.652 ng
RT: 8.072 min Scan# 856
Delta R.T. 0.000 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

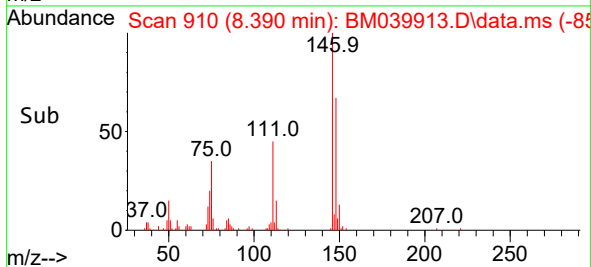
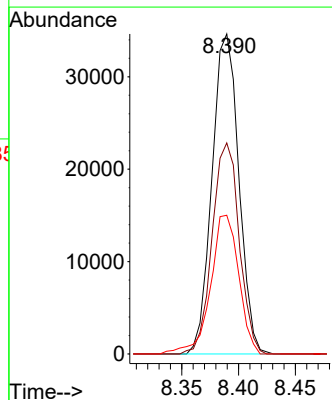
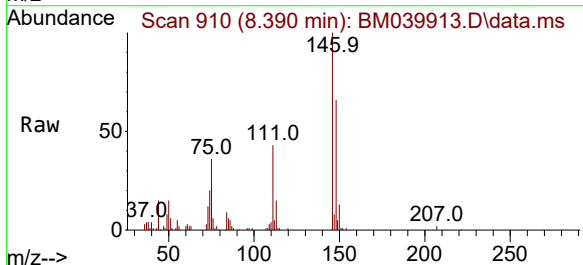
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

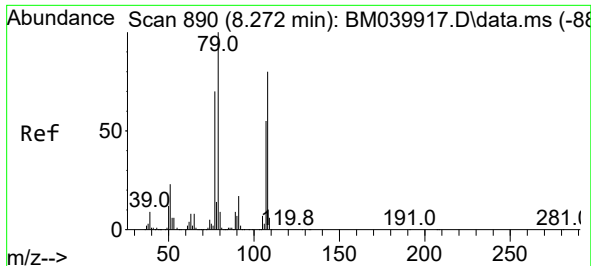
Tgt Ion:146 Resp: 59954
Ion Ratio Lower Upper
146 100
148 66.7 51.4 77.0
111 40.6 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 2.543 ng
RT: 8.390 min Scan# 910
Delta R.T. 0.000 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion:146 Resp: 56852
Ion Ratio Lower Upper
146 100
148 65.9 51.9 77.9
111 43.4 34.0 51.0

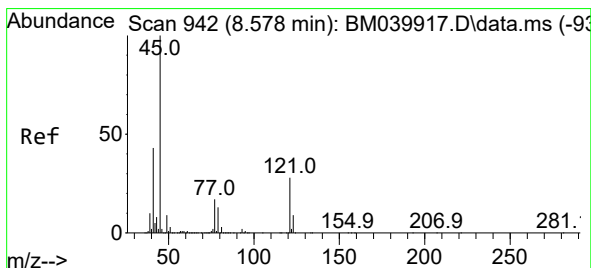
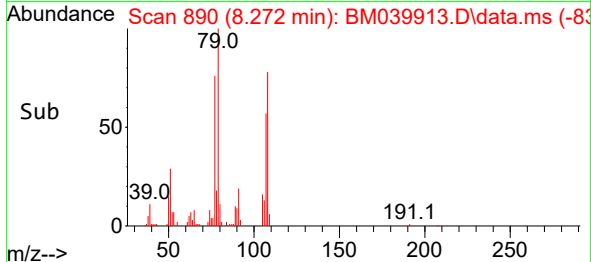
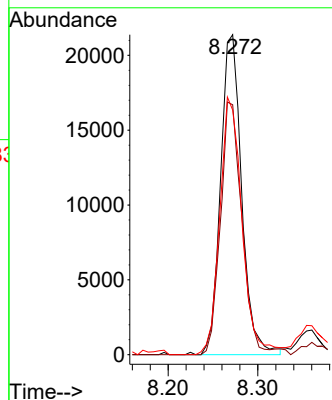
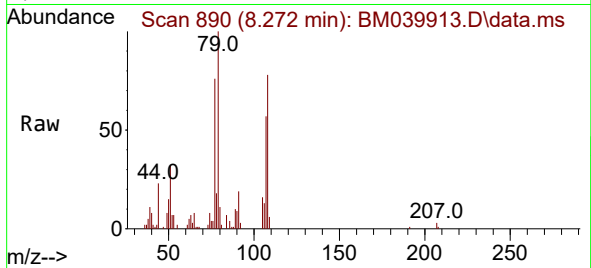




#15
Benzyl Alcohol
Concen: 2.071 ng
RT: 8.272 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

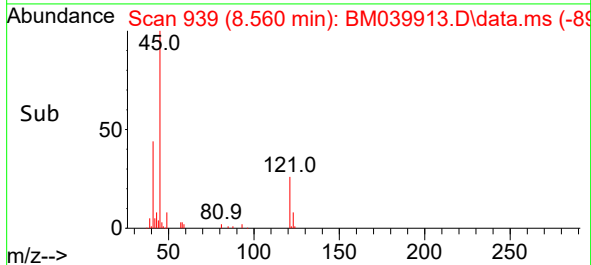
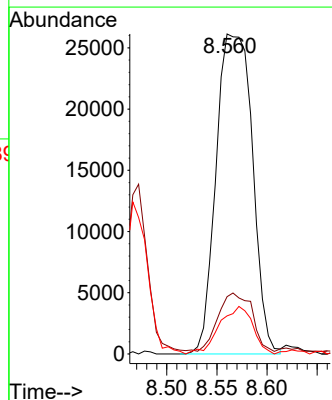
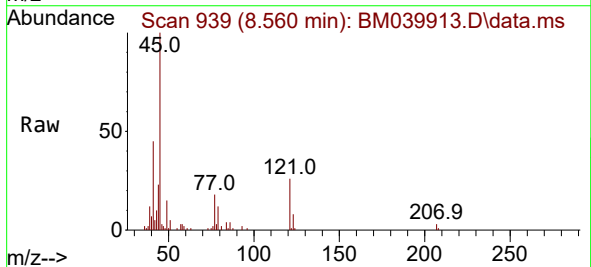
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

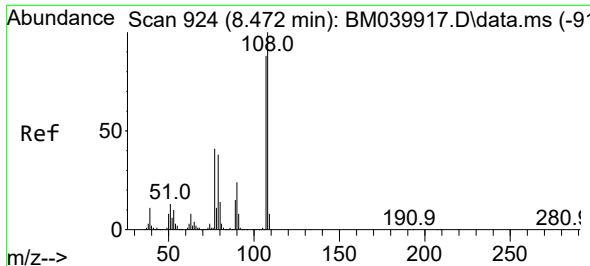
Tgt Ion: 79 Resp: 34987
Ion Ratio Lower Upper
79 100
108 78.1 63.7 95.5
77 76.5 55.8 83.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 2.776 ng
RT: 8.560 min Scan# 939
Delta R.T. -0.018 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion: 45 Resp: 65789
Ion Ratio Lower Upper
45 100
77 17.9 0.0 37.3
79 11.9 0.0 33.6

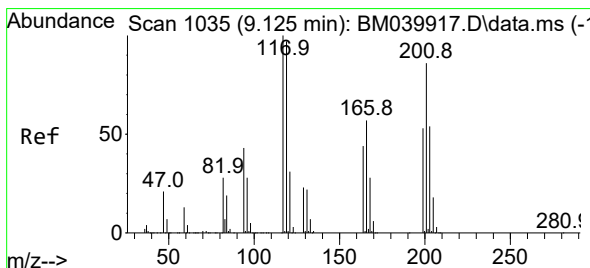
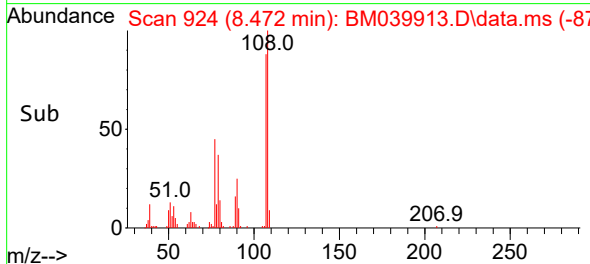
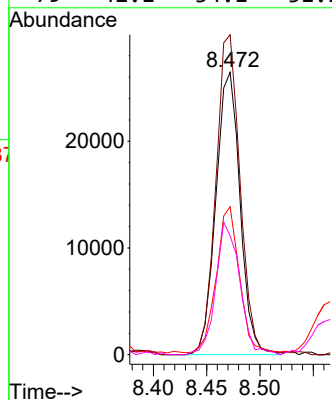
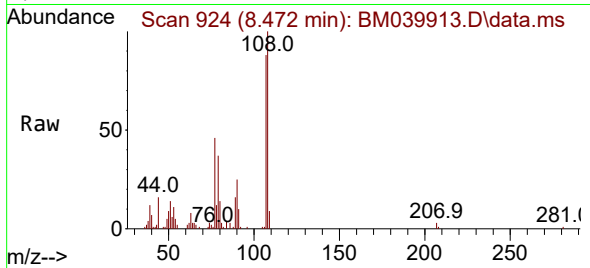




#17
2-Methylphenol
Concen: 2.228 ng
RT: 8.472 min Scan# 917
Delta R.T. 0.000 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

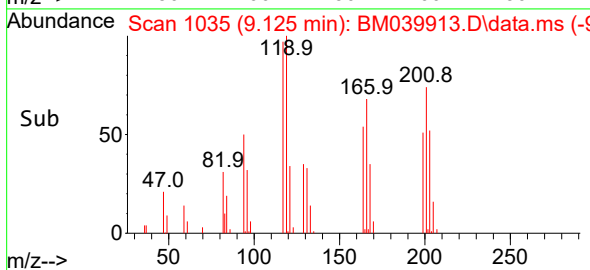
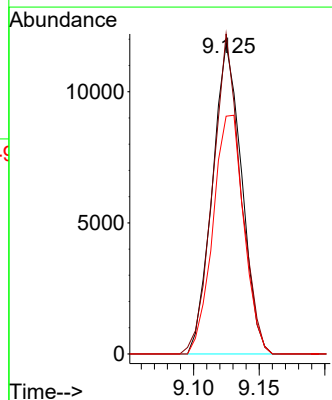
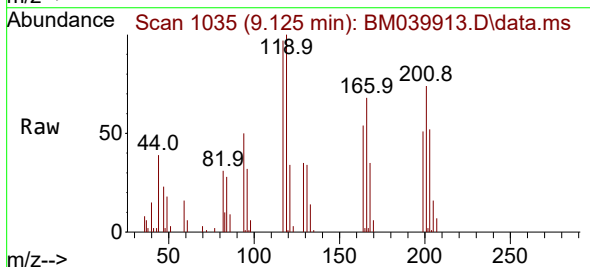
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

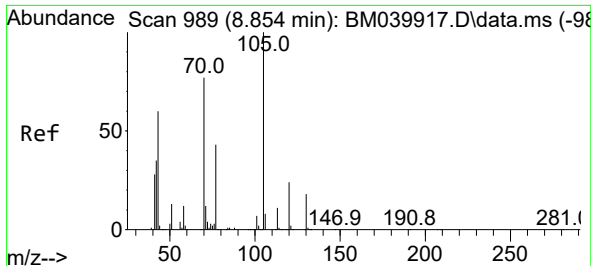
Tgt Ion:107 Resp: 41717
Ion Ratio Lower Upper
107 100
108 113.3 90.7 136.1
77 52.4 36.9 55.3
79 42.1 34.1 51.1



#18
Hexachloroethane
Concen: 2.340 ng
RT: 9.125 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion:117 Resp: 18406
Ion Ratio Lower Upper
117 100
119 103.0 77.5 116.3
201 79.0 69.2 103.8

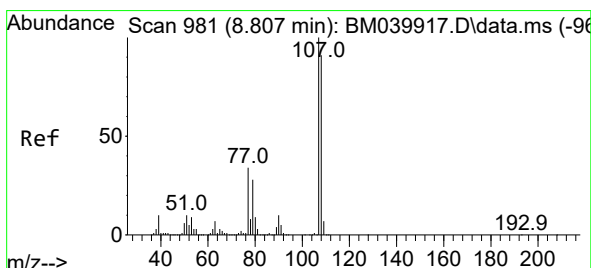
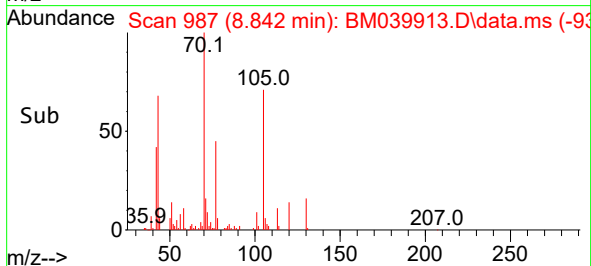
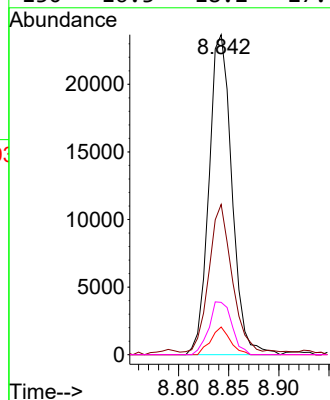
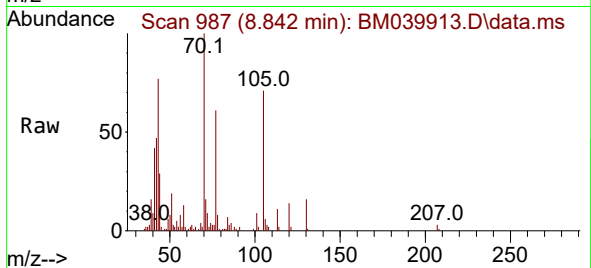




#19
n-Nitroso-di-n-propylamine
Concen: 2.240 ng
RT: 8.842 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

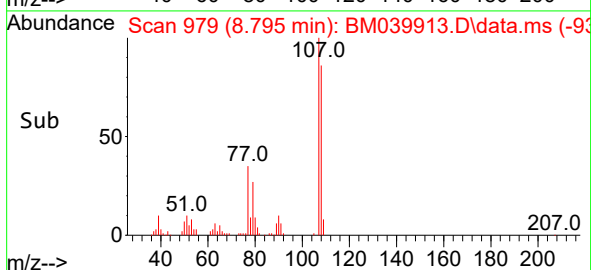
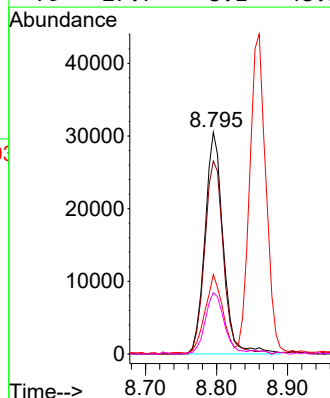
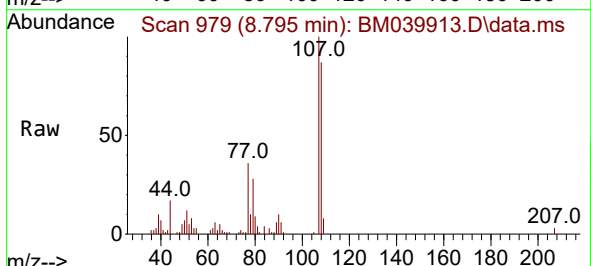
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

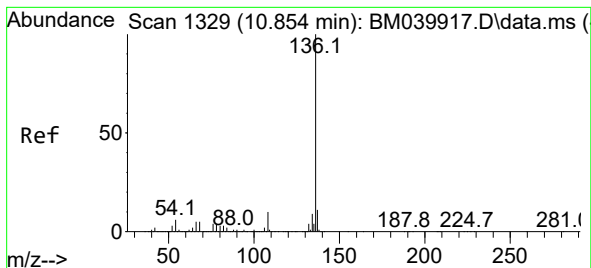
Tgt Ion:	70	Resp:	37709
Ion	Ratio	Lower	Upper
70	100		
42	46.9	37.1	55.7
101	8.6	7.7	11.5
130	16.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 2.204 ng
RT: 8.795 min Scan# 979
Delta R.T. -0.012 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion:	107	Resp:	54869
Ion	Ratio	Lower	Upper
107	100		
108	87.0	71.0	111.0
77	35.8	13.7	53.7
79	27.7	8.1	48.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.848 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 1377887

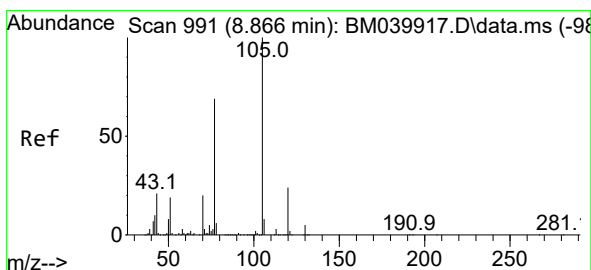
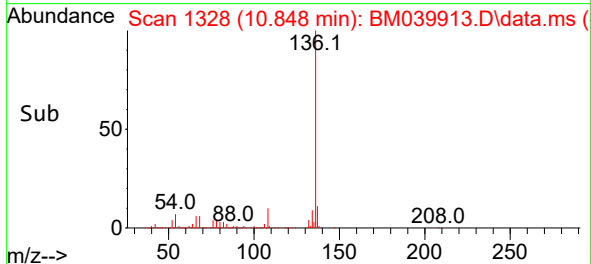
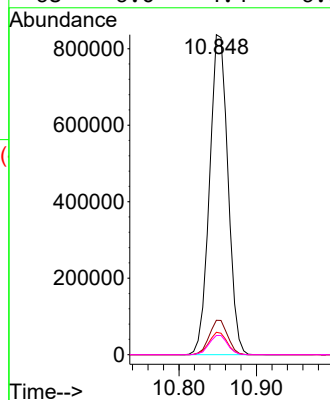
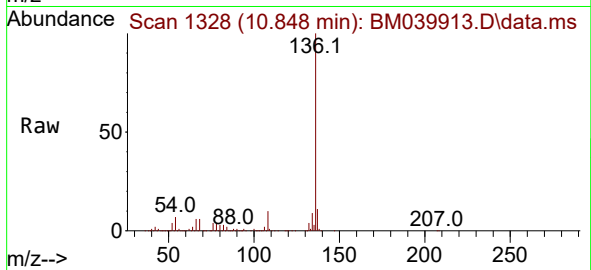
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.0 5.2 7.8

68 6.0 4.4 6.6



#22

Acetophenone

Concen: 2.414 ng

RT: 8.860 min Scan# 990

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Tgt Ion:105 Resp: 87722

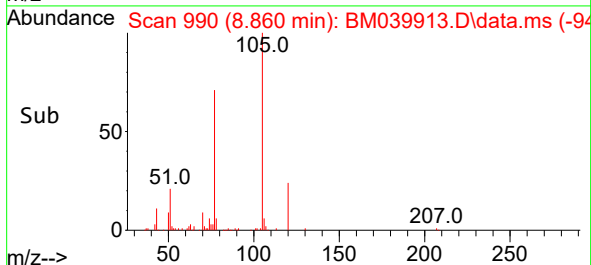
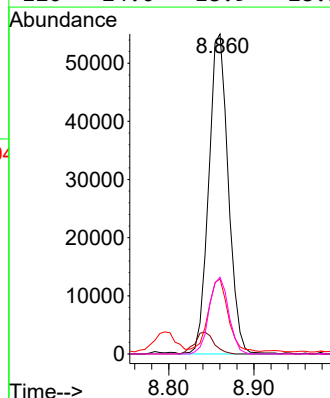
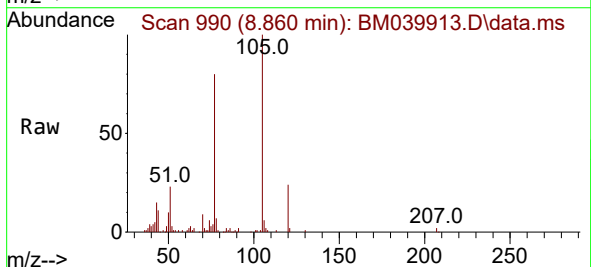
Ion Ratio Lower Upper

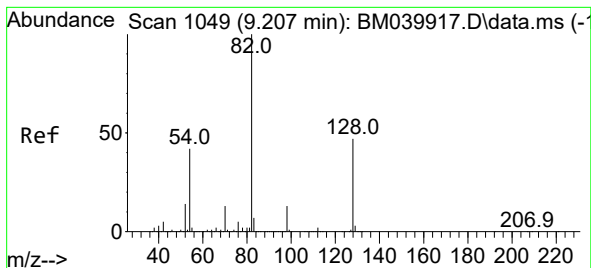
105 100

71 1.6 2.7 4.1#

51 23.5 16.5 24.7

120 24.0 18.9 28.3





#23

Nitrobenzene-d5

Concen: 3.328 ng

RT: 9.195 min Scan# 1047

Delta R.T. -0.012 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

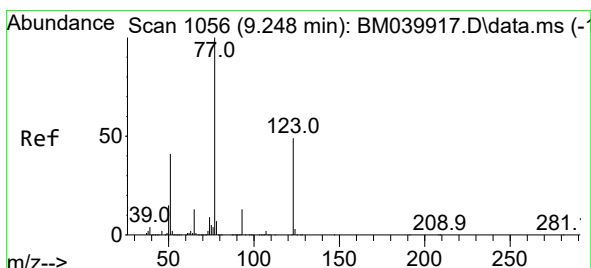
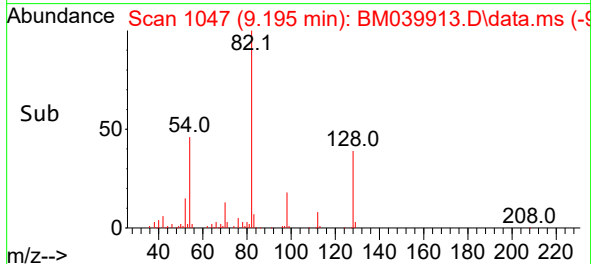
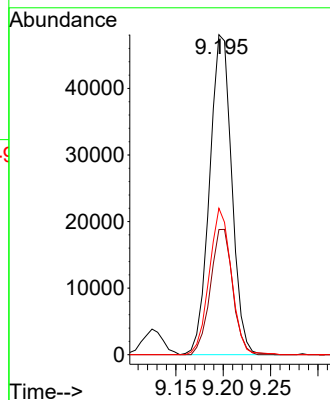
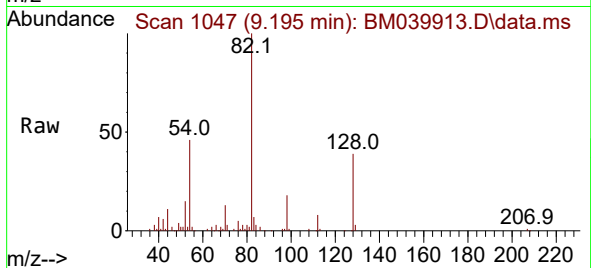
Tgt Ion: 82 Resp: 78297

Ion Ratio Lower Upper

82 100

128 39.1 37.2 55.8

54 45.8 33.5 50.3



#24

Nitrobenzene

Concen: 1.938 ng

RT: 9.242 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

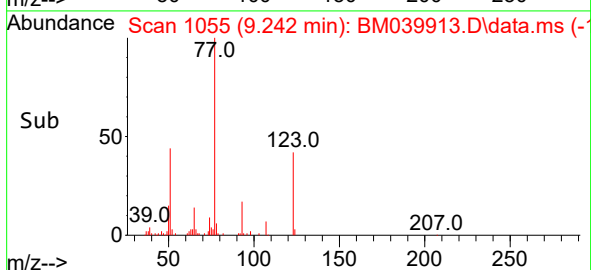
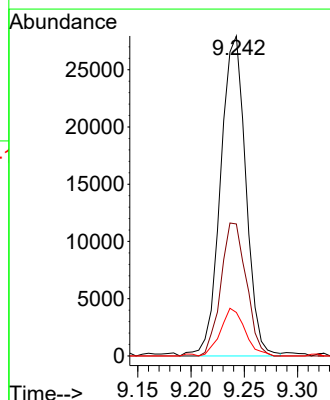
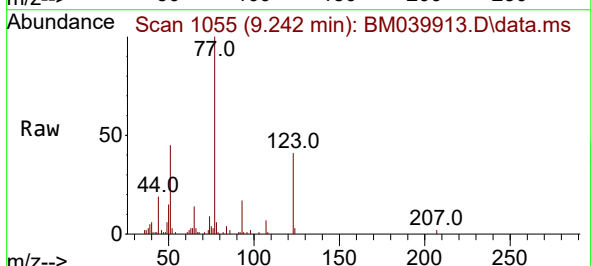
Tgt Ion: 77 Resp: 46098

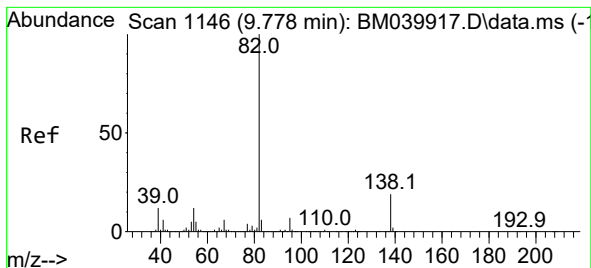
Ion Ratio Lower Upper

77 100

123 41.3 39.3 58.9

65 13.6 10.4 15.6





#25

Isophorone

Concen: 2.164 ng

RT: 9.766 min Scan# 1144

Delta R.T. -0.012 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

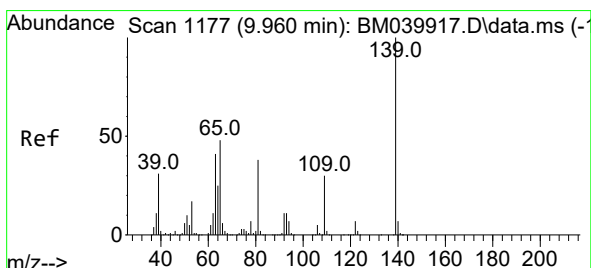
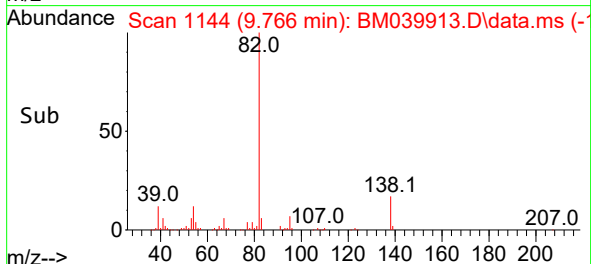
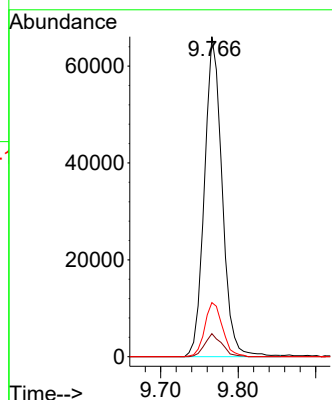
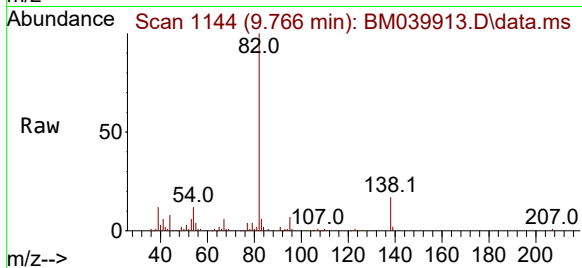
Tgt Ion: 82 Resp: 104855

Ion Ratio Lower Upper

82 100

95 7.2 5.5 8.3

138 16.9 15.2 22.8



#26

2-Nitrophenol

Concen: 1.111 ng

RT: 9.954 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

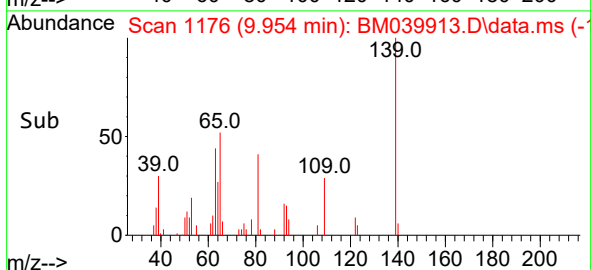
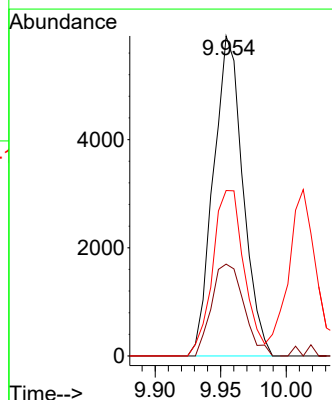
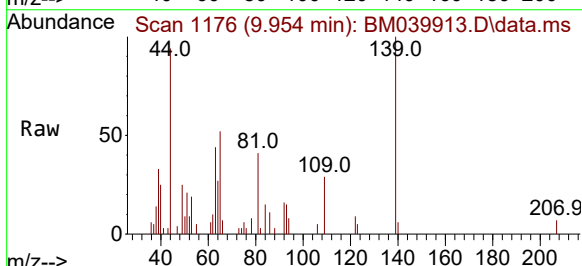
Tgt Ion: 139 Resp: 9269

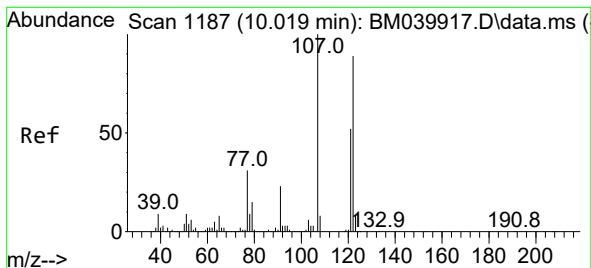
Ion Ratio Lower Upper

139 100

109 28.7 24.2 36.2

65 51.7 38.6 58.0

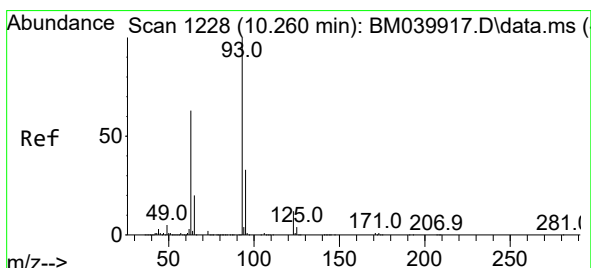
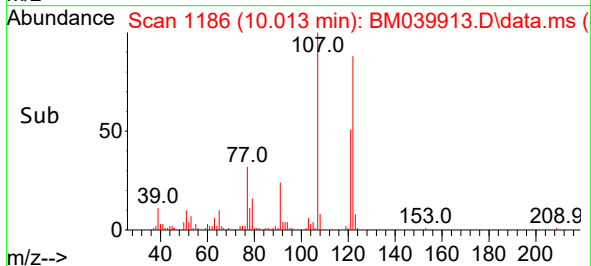
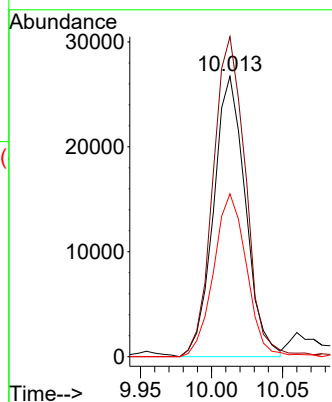
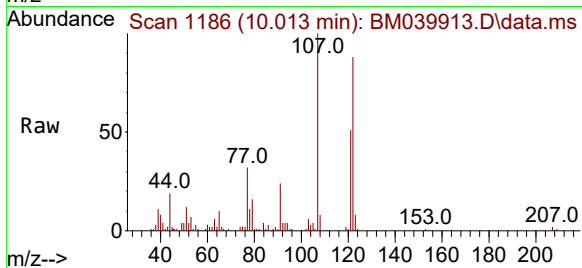




#27
2,4-Dimethylphenol
Concen: 2.023 ng
RT: 10.013 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

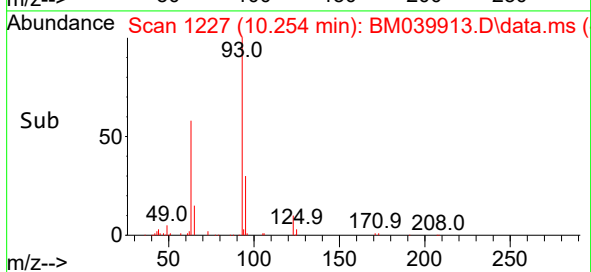
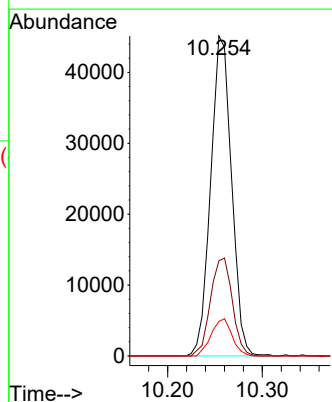
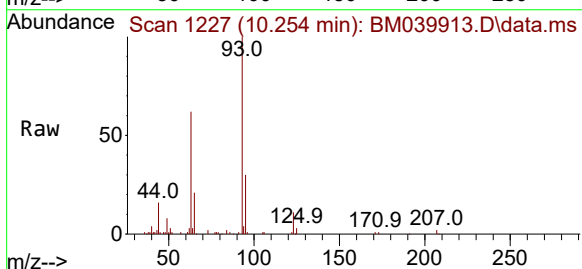
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

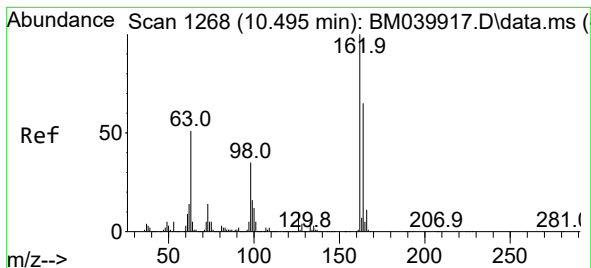
Tgt Ion:122 Resp: 41690
Ion Ratio Lower Upper
122 100
107 114.1 90.1 135.1
121 58.1 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 2.327 ng
RT: 10.254 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion: 93 Resp: 69089
Ion Ratio Lower Upper
93 100
95 29.8 26.2 39.4
123 10.8 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 1.760 ng

RT: 10.489 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

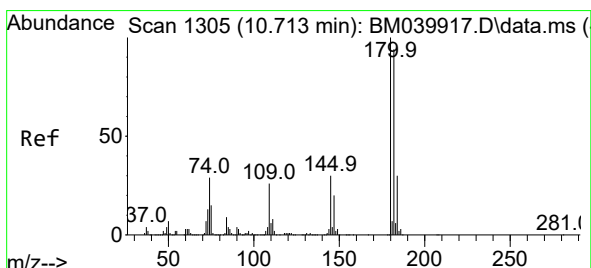
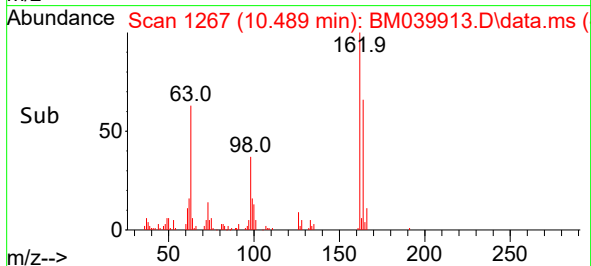
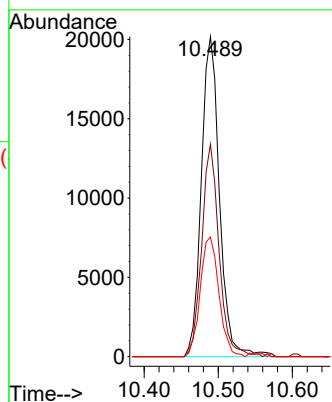
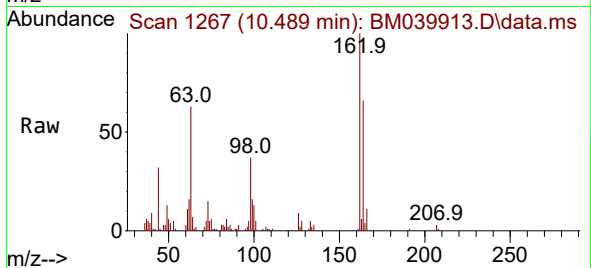
Tgt Ion:162 Resp: 34461

Ion Ratio Lower Upper

162 100

164 66.4 45.3 85.3

98 37.4 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 2.297 ng

RT: 10.713 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

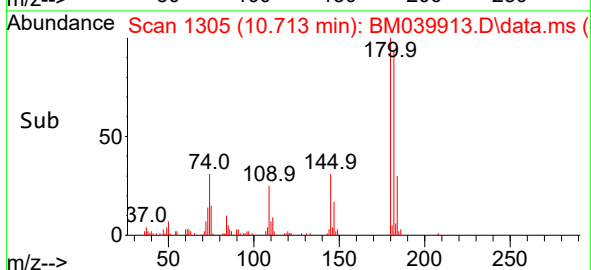
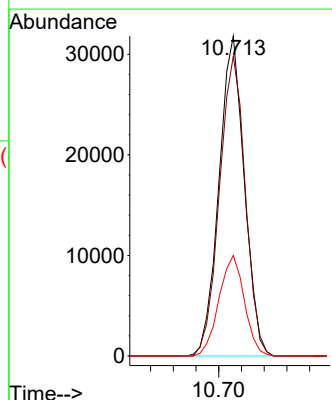
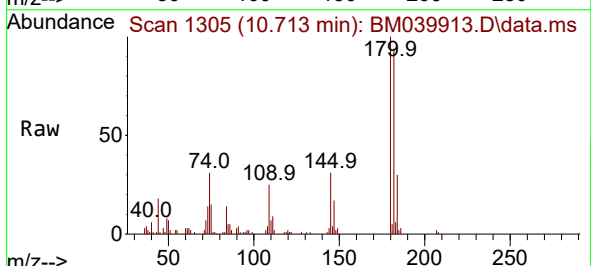
Tgt Ion:180 Resp: 49171

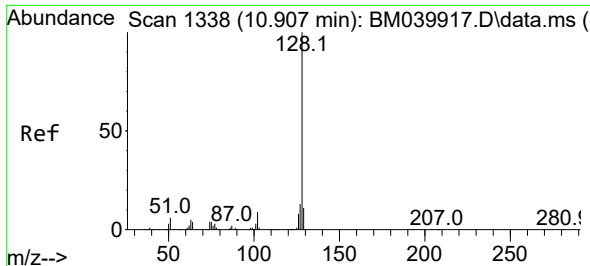
Ion Ratio Lower Upper

180 100

182 93.7 75.3 112.9

145 31.4 24.2 36.4

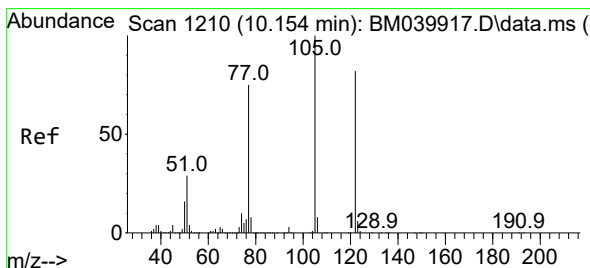
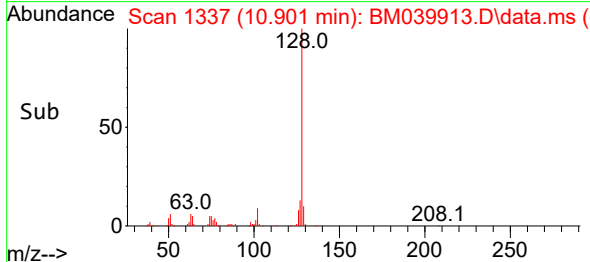
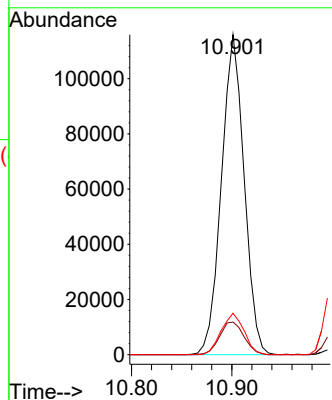
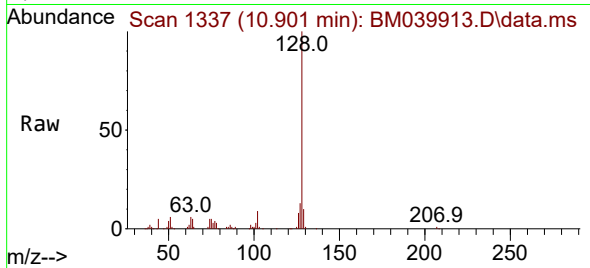




#31
Naphthalene
Concen: 2.432 ng
RT: 10.901 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

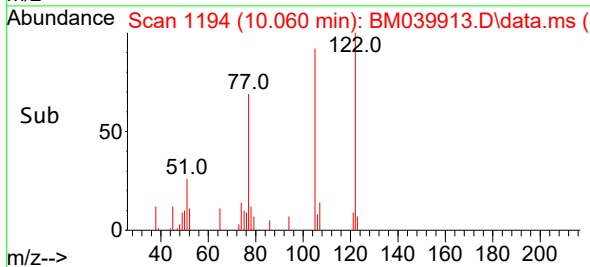
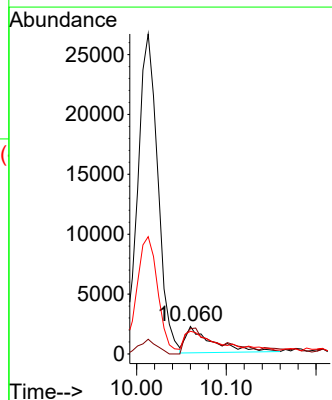
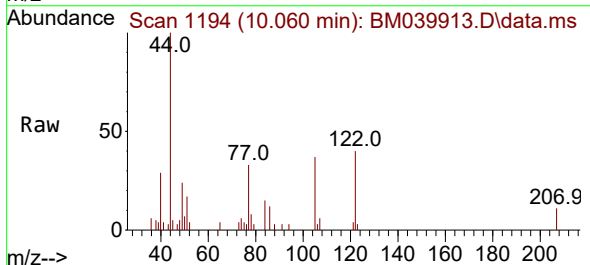
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

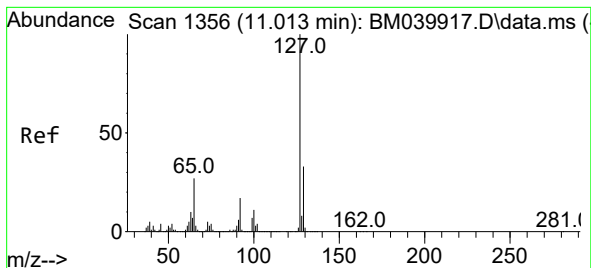
Tgt Ion:128 Resp: 181794
Ion Ratio Lower Upper
128 100
129 10.2 8.8 13.2
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 0.413 ng
RT: 10.060 min Scan# 1194
Delta R.T. -0.094 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion:122 Resp: 4521
Ion Ratio Lower Upper
122 100
105 91.7 99.9 139.9#
77 82.5 70.4 110.4





#33

4-Chloroaniline

Concen: 2.104 ng

RT: 11.007 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

Tgt Ion:127 Resp: 68854

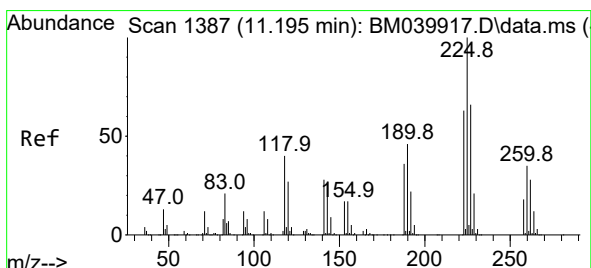
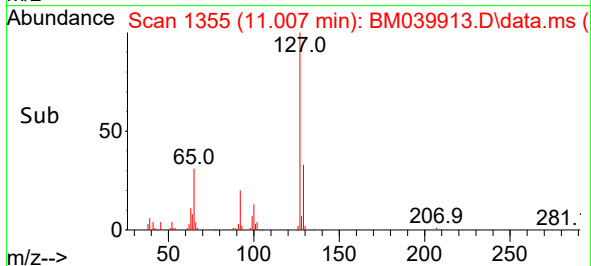
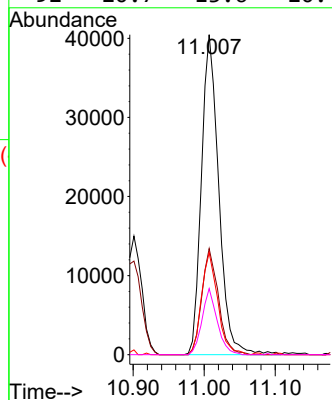
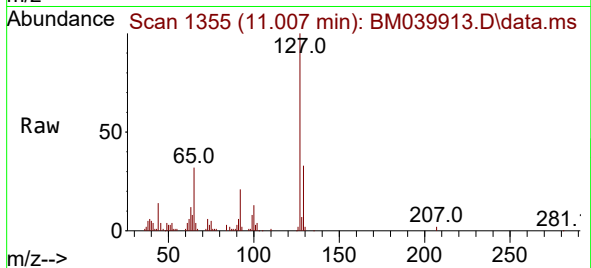
Ion Ratio Lower Upper

127 100

129 33.2 26.2 39.4

65 31.9 21.6 32.4

92 20.7 13.6 20.4#



#34

Hexachlorobutadiene

Concen: 2.188 ng

RT: 11.189 min Scan# 1386

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

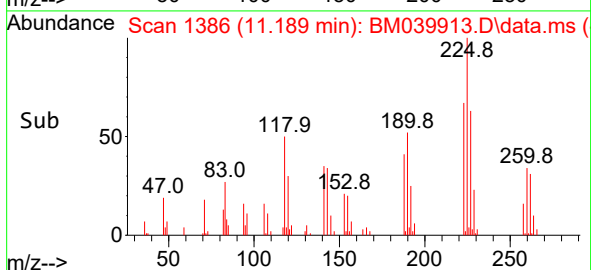
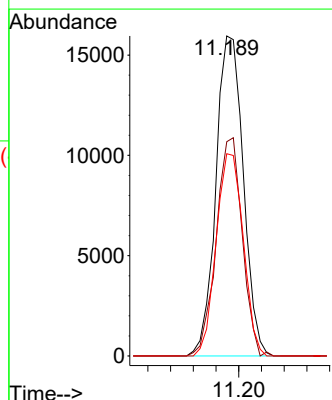
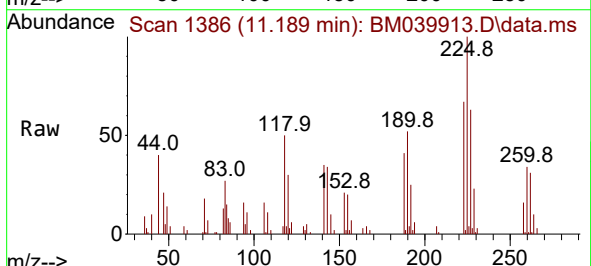
Tgt Ion:225 Resp: 26694

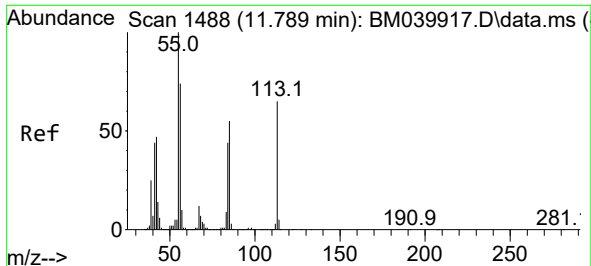
Ion Ratio Lower Upper

225 100

223 69.0 50.2 75.4

227 63.2 52.8 79.2

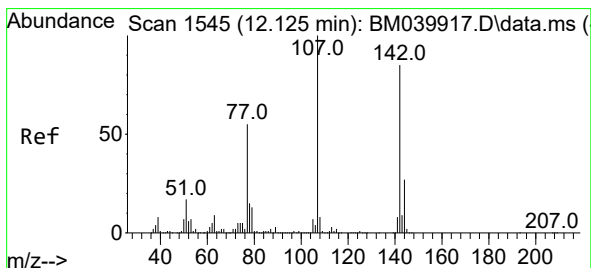
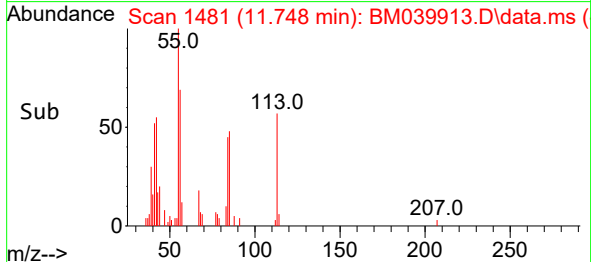
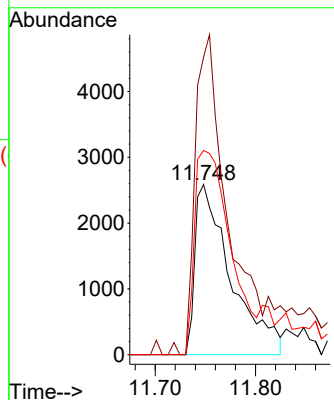
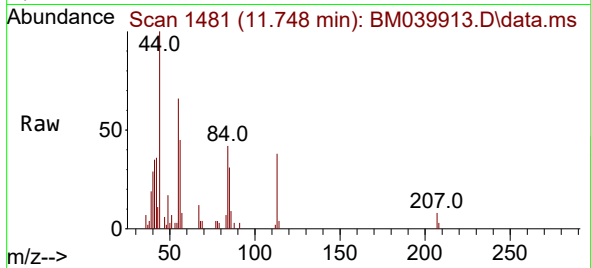




#35
Caprolactam
Concen: 1.104 ng
RT: 11.748 min Scan# 1481
Delta R.T. -0.041 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

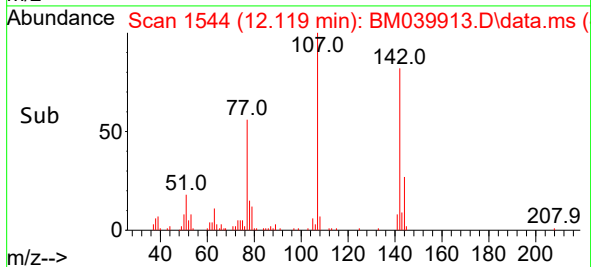
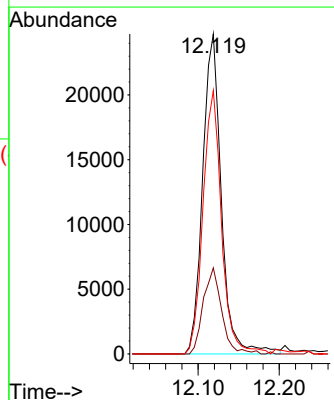
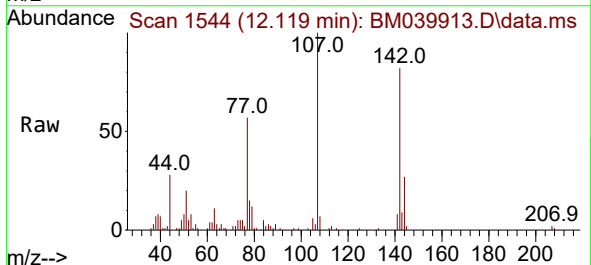
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

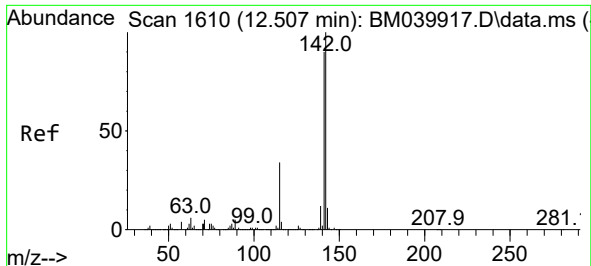
Tgt Ion:113 Resp: 6460
Ion Ratio Lower Upper
113 100
55 174.8 133.4 173.4#
56 120.0 93.0 133.0



#36
4-Chloro-3-methylphenol
Concen: 1.885 ng
RT: 12.119 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion:107 Resp: 39455
Ion Ratio Lower Upper
107 100
144 26.9 22.0 33.0
142 82.3 68.3 102.5

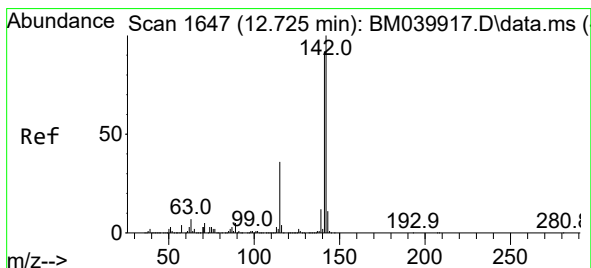
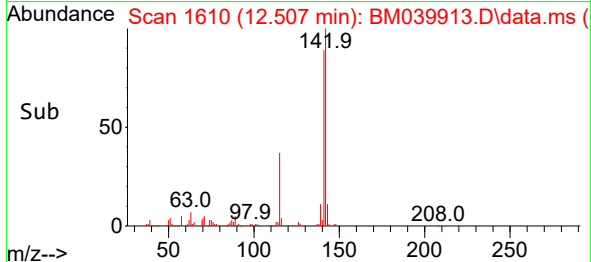
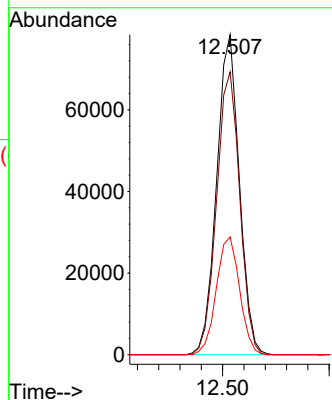
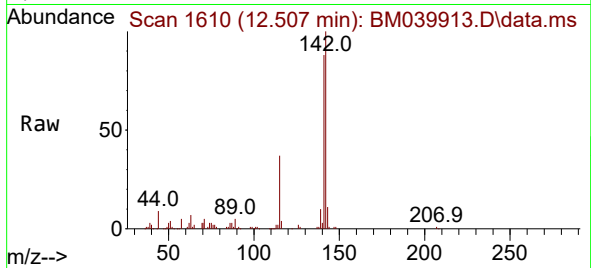




#37
2-Methylnaphthalene
Concen: 2.171 ng
RT: 12.507 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

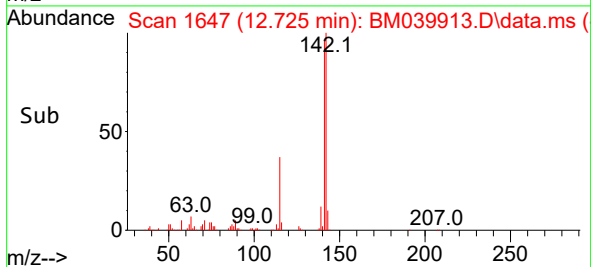
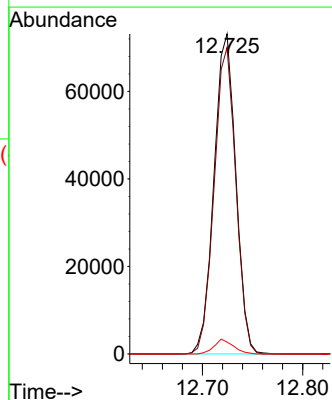
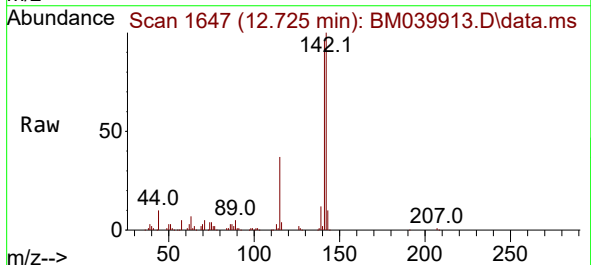
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

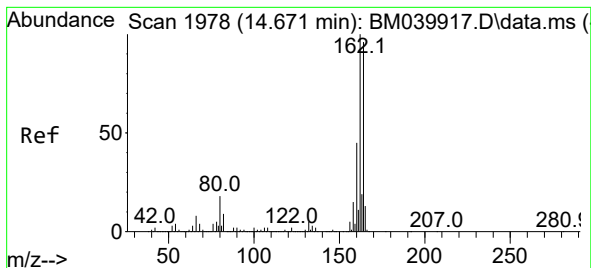
Tgt Ion:142 Resp: 115643
Ion Ratio Lower Upper
142 100
141 88.4 71.9 107.9
115 36.8 27.4 41.0



#38
1-Methylnaphthalene
Concen: 2.205 ng
RT: 12.725 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion:142 Resp: 110617
Ion Ratio Lower Upper
142 100
141 95.8 73.8 110.8
116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.672 min Scan# 1978

Delta R.T. 0.000 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

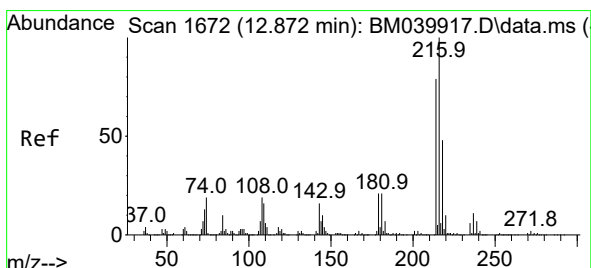
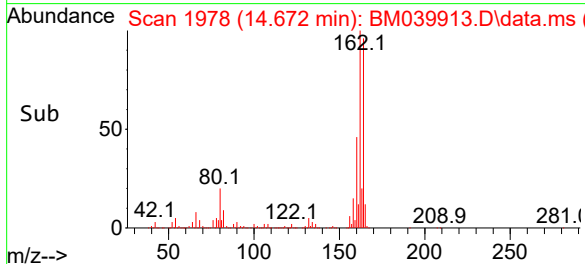
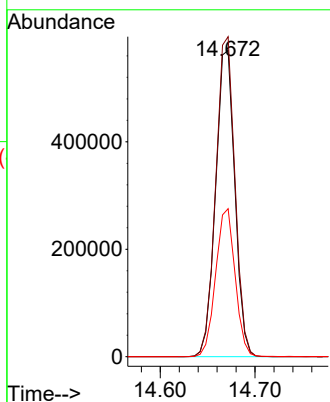
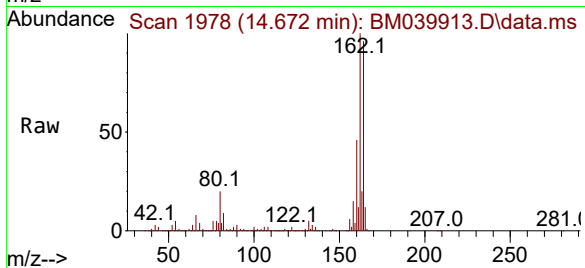
Tgt Ion:164 Resp: 805906

Ion Ratio Lower Upper

164 100

162 104.5 83.6 125.4

160 48.4 37.8 56.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.124 ng

RT: 12.866 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Tgt Ion:216 Resp: 51638

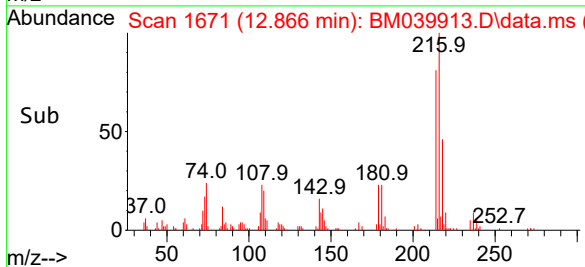
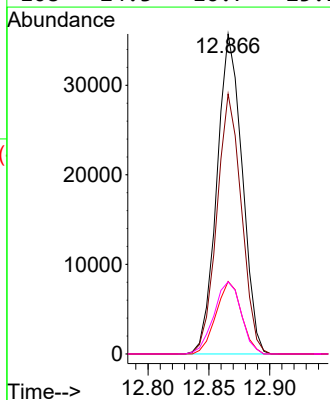
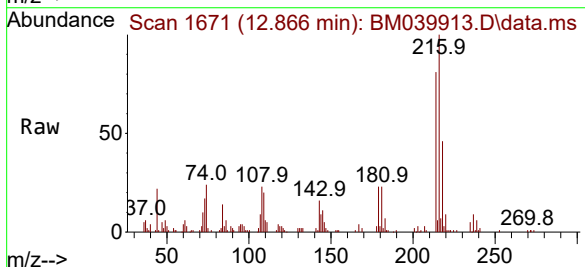
Ion Ratio Lower Upper

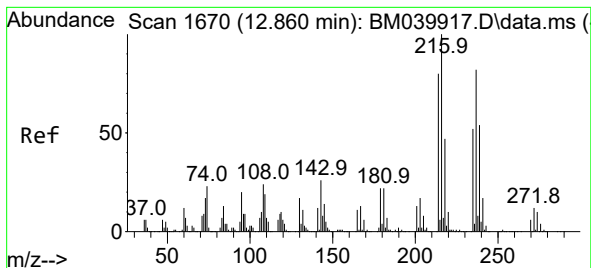
216 100

214 78.7 62.9 94.3

179 22.7 17.1 25.7

108 24.3 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 1.149 ng

RT: 12.848 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

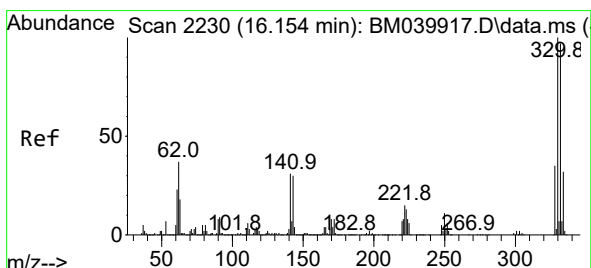
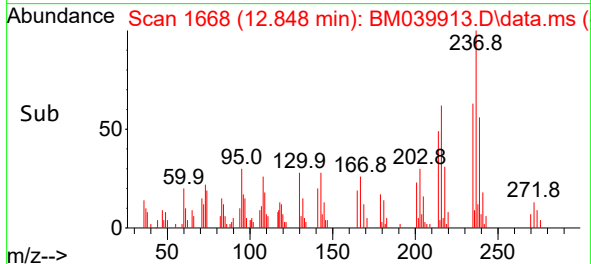
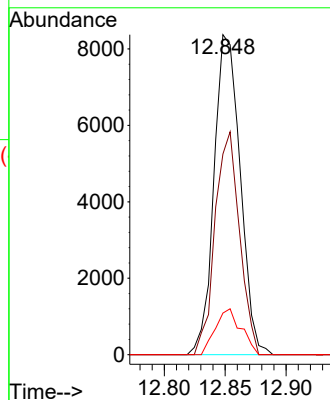
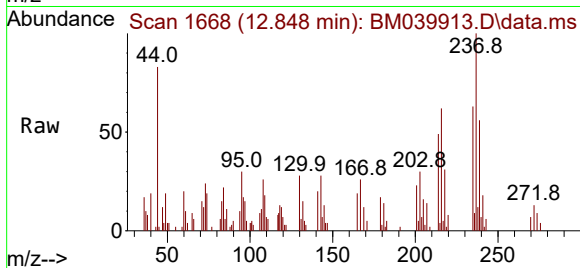
Tgt Ion:237 Resp: 12514

Ion Ratio Lower Upper

237 100

235 62.7 42.5 82.5

272 13.0 0.0 34.4



#42

2,4,6-Tribromophenol

Concen: 2.558 ng

RT: 16.148 min Scan# 2229

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

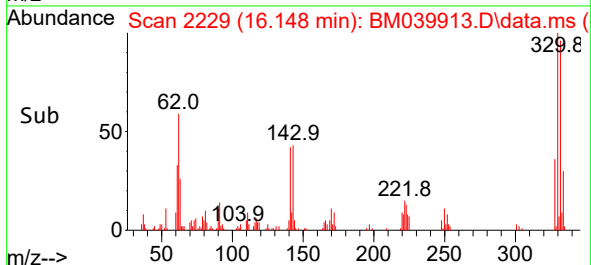
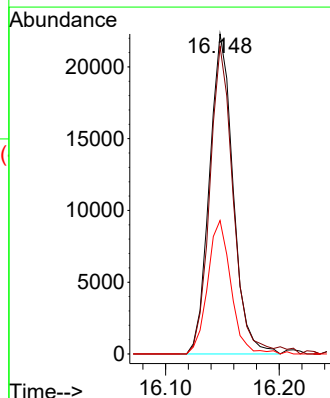
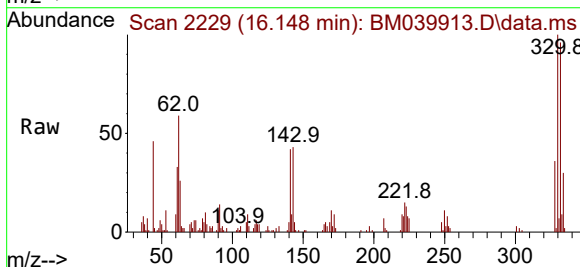
Tgt Ion:330 Resp: 32284

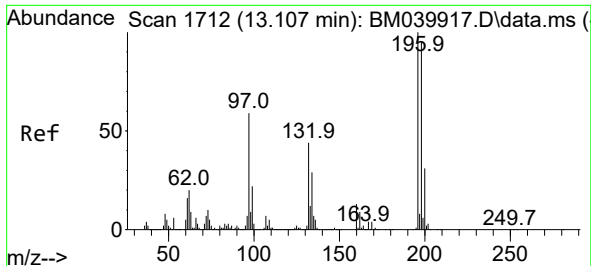
Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 41.0 25.6 38.4#





#43

2,4,6-Trichlorophenol

Concen: 1.590 ng

RT: 13.101 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

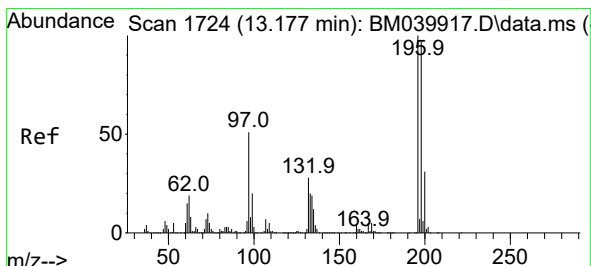
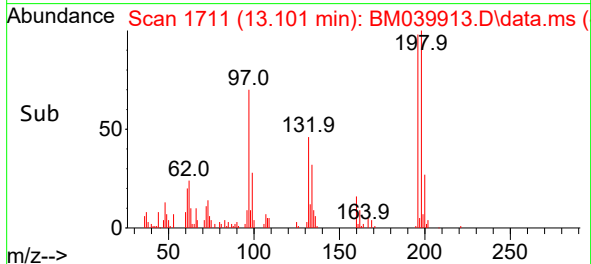
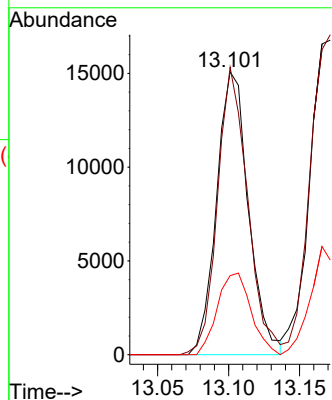
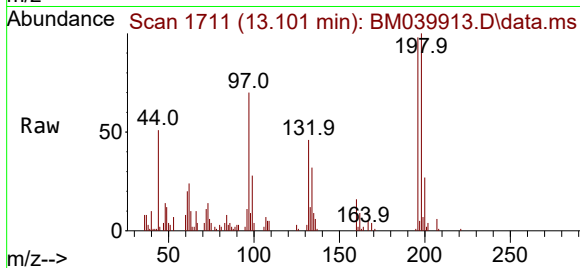
Tgt Ion:196 Resp: 23620

Ion Ratio Lower Upper

196 100

198 101.6 75.7 113.5

200 27.9 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 1.592 ng

RT: 13.172 min Scan# 1723

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Tgt Ion:196 Resp: 27896

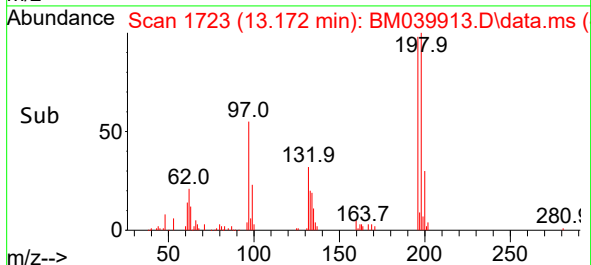
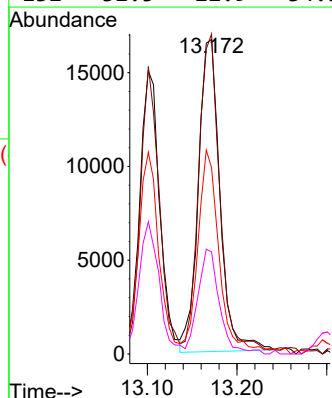
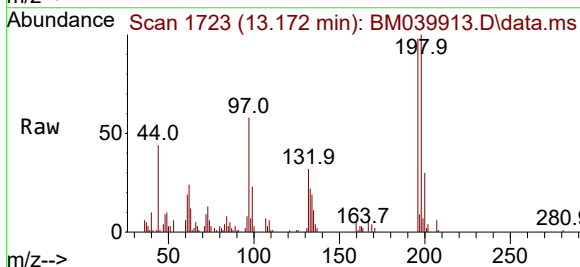
Ion Ratio Lower Upper

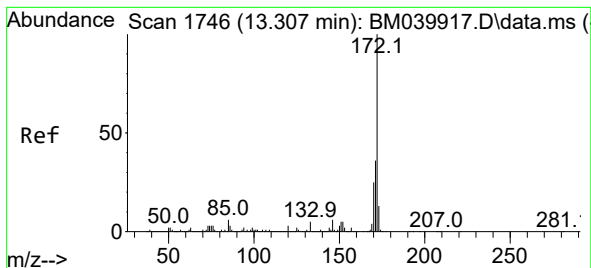
196 100

198 101.7 77.6 116.4

97 59.2 41.3 61.9

132 32.5 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 4.482 ng

RT: 13.301 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

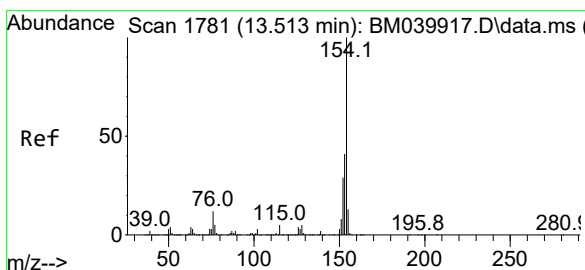
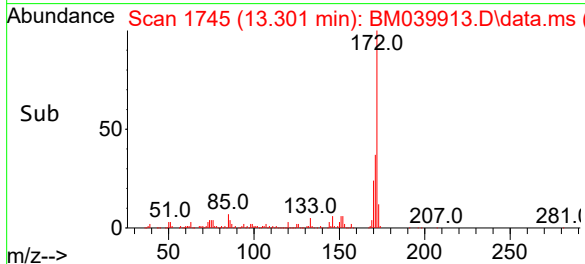
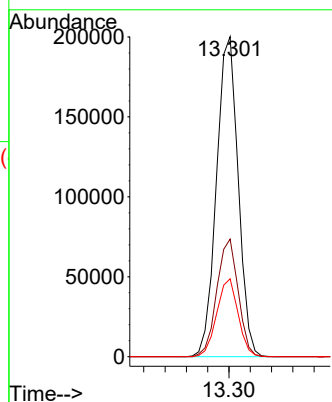
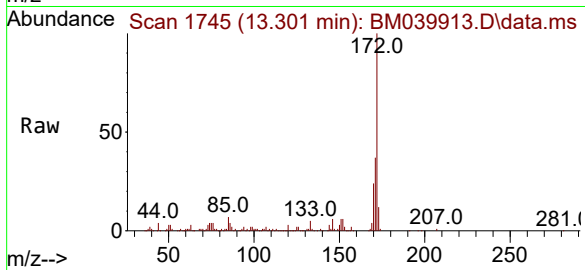
Tgt Ion:172 Resp: 282361

Ion Ratio Lower Upper

172 100

171 36.8 28.9 43.3

170 24.4 19.9 29.9



#46

1,1'-Biphenyl

Concen: 2.267 ng

RT: 13.507 min Scan# 1780

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

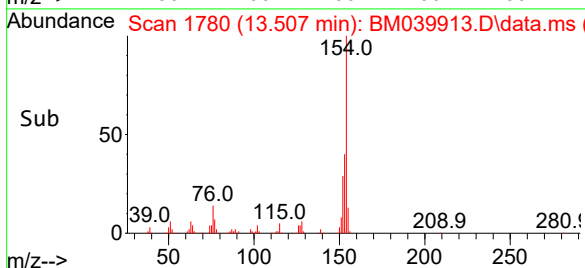
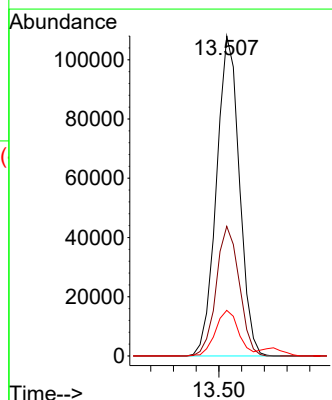
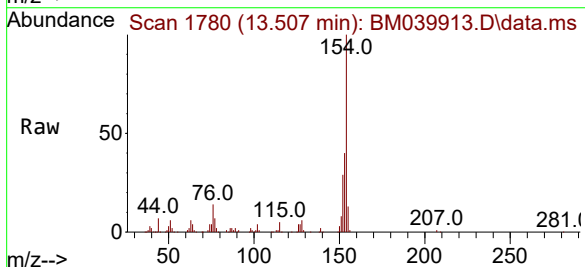
Tgt Ion:154 Resp: 151364

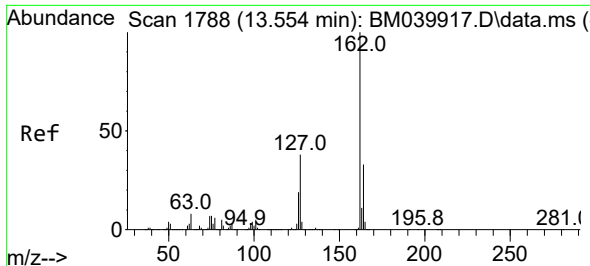
Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 14.2 0.0 31.9

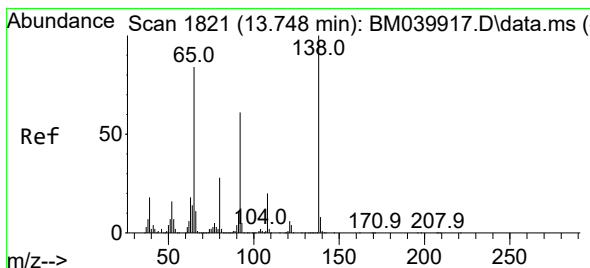
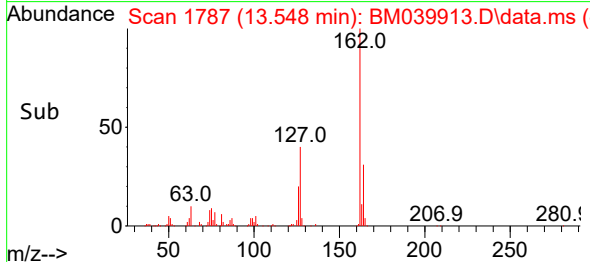
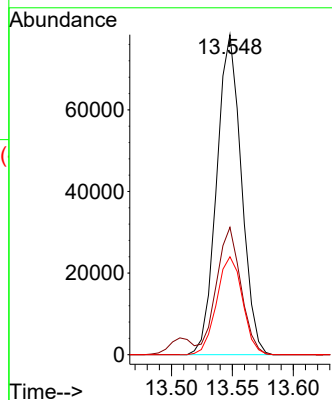
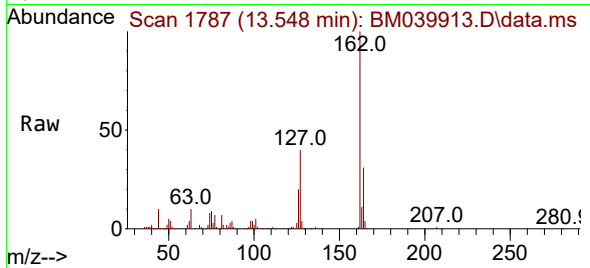




#47
2-Chloronaphthalene
Concen: 2.235 ng
RT: 13.548 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

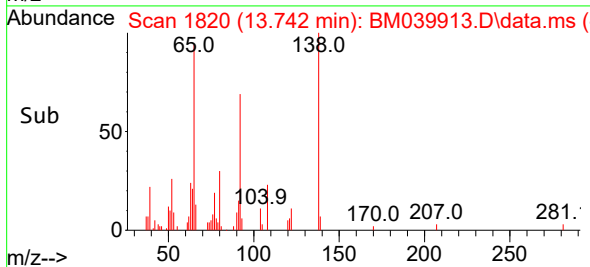
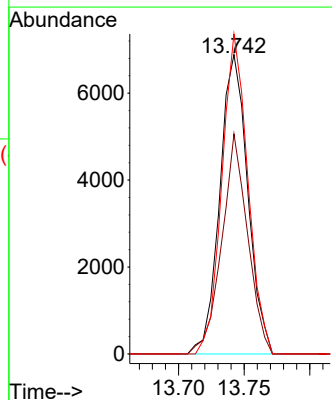
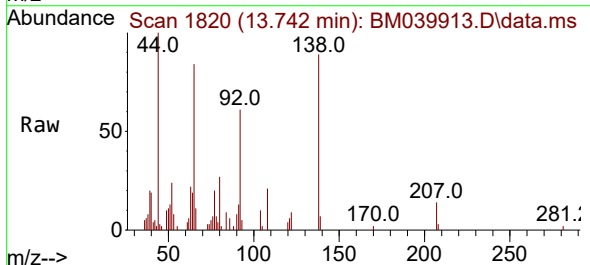
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

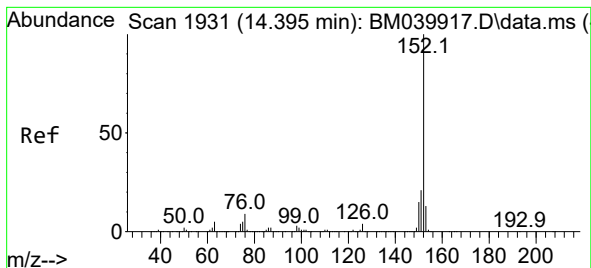
Tgt Ion:162 Resp: 110699
Ion Ratio Lower Upper
162 100
127 39.8 30.1 45.1
164 30.6 26.2 39.4



#48
2-Nitroaniline
Concen: 1.050 ng
RT: 13.742 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion: 65 Resp: 10195
Ion Ratio Lower Upper
65 100
92 73.5 57.7 86.5
138 106.9 95.0 142.6





#49

Acenaphthylene

Concen: 2.075 ng

RT: 14.389 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

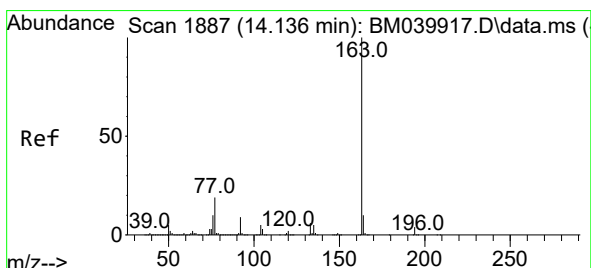
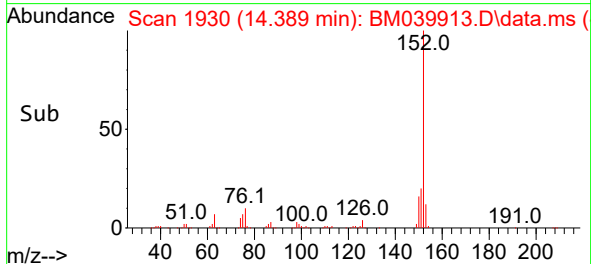
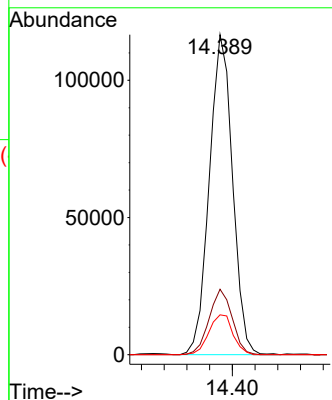
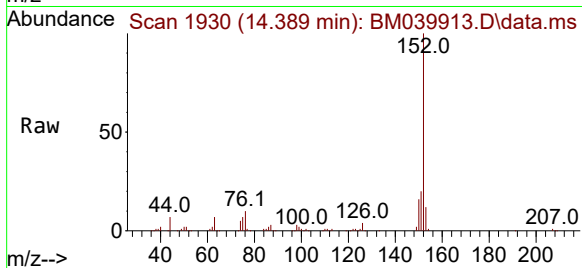
Tgt Ion:152 Resp: 165705

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

153 12.4 10.7 16.1



#50

Dimethylphthalate

Concen: 2.169 ng

RT: 14.124 min Scan# 1885

Delta R.T. -0.012 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

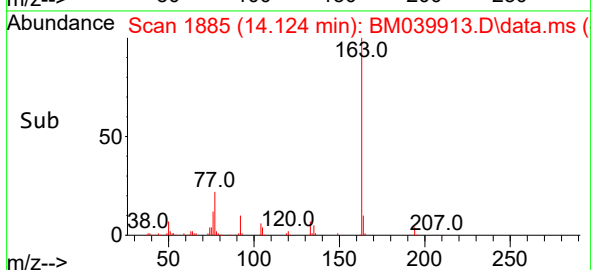
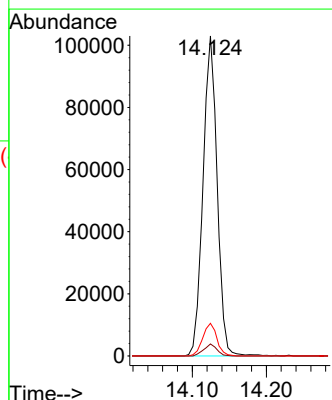
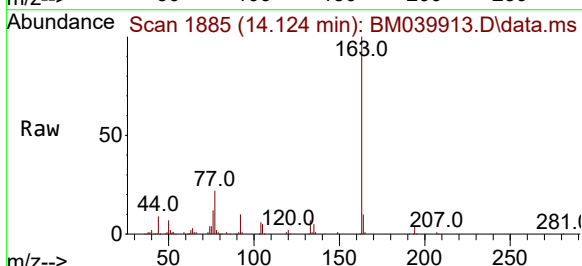
Tgt Ion:163 Resp: 136339

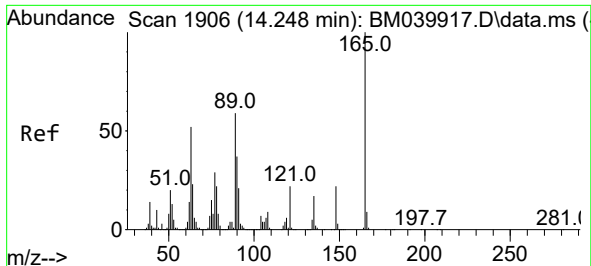
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.2 8.2 12.2

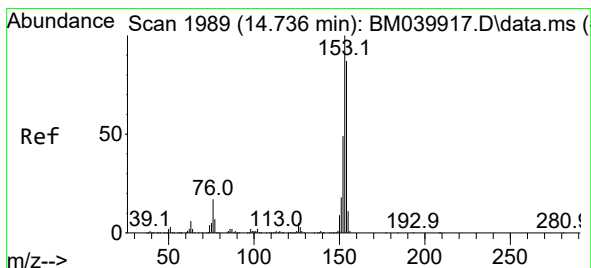
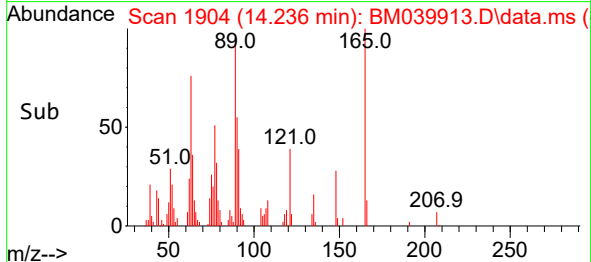
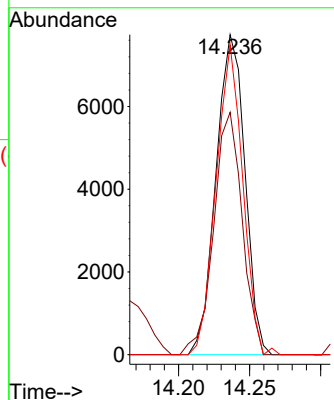
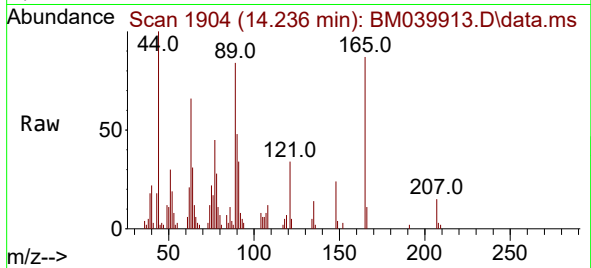




#51
2,6-Dinitrotoluene
Concen: 0.974 ng
RT: 14.236 min Scan# 1904
Delta R.T. -0.012 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

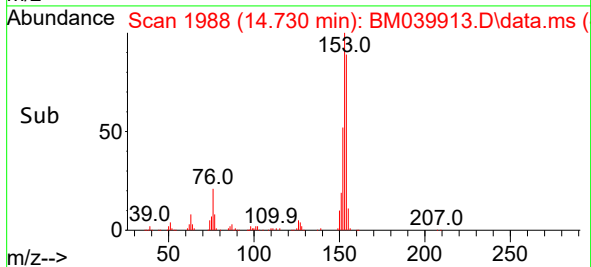
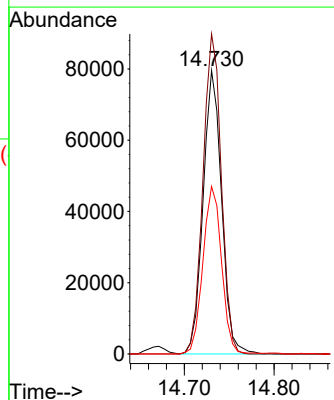
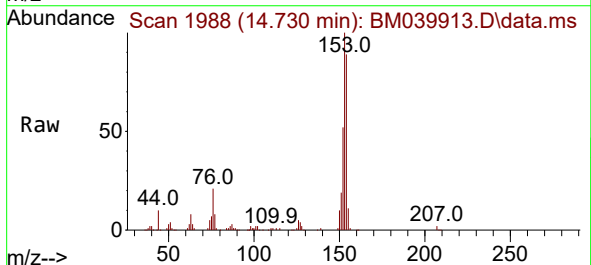
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

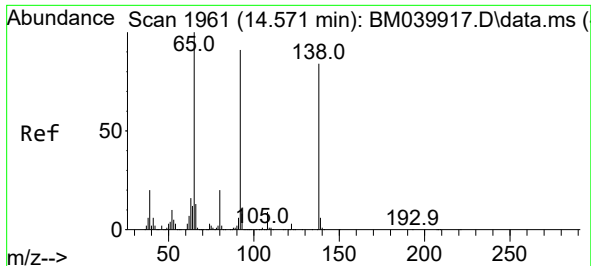
Tgt Ion:165 Resp: 10955
Ion Ratio Lower Upper
165 100
63 75.8 42.3 63.5#
89 96.8 47.4 71.0#



#52
Acenaphthene
Concen: 2.240 ng
RT: 14.730 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion:154 Resp: 113804
Ion Ratio Lower Upper
154 100
153 112.9 91.9 137.9
152 59.1 45.0 67.6

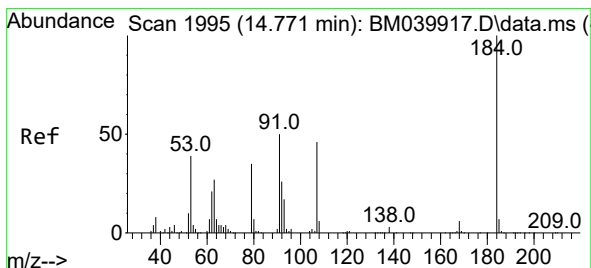
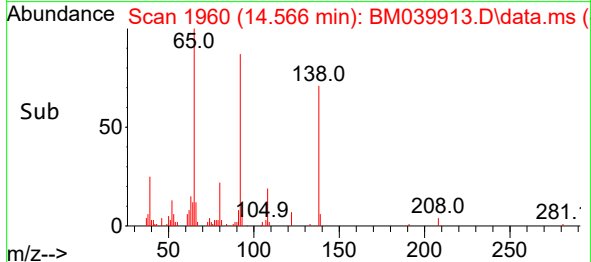
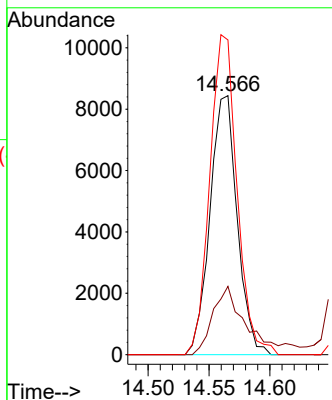
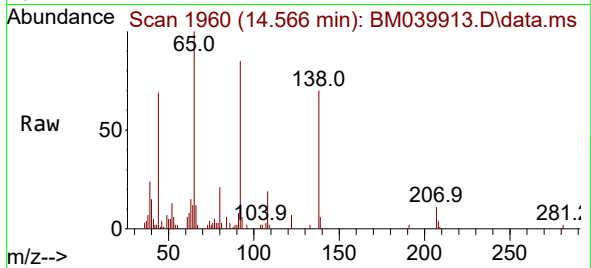




#53
3-Nitroaniline
Concen: 1.018 ng
RT: 14.566 min Scan# 1960
Delta R.T. -0.005 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

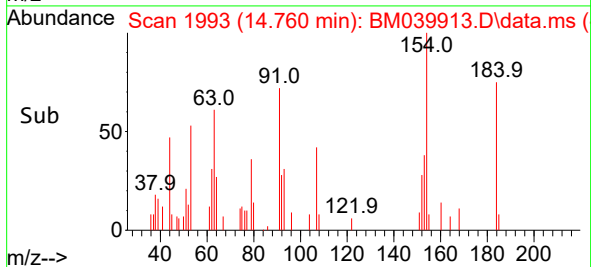
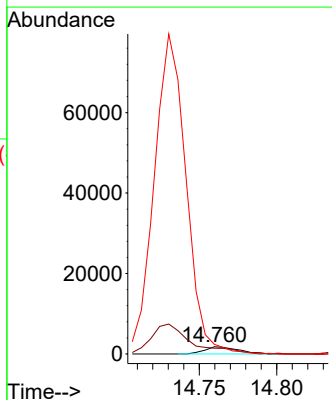
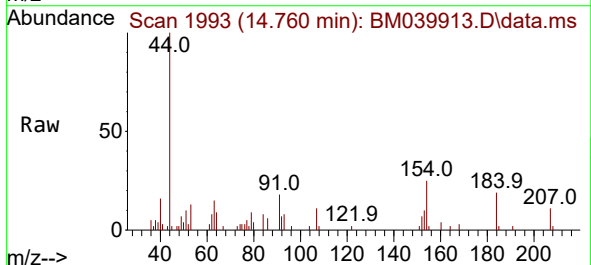
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

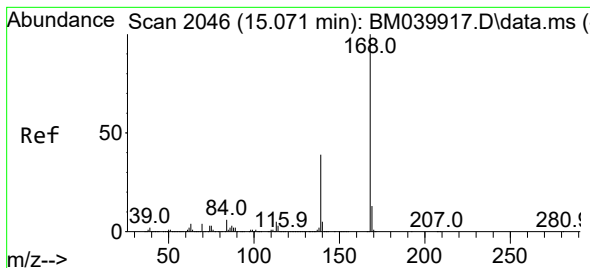
Tgt Ion:138 Resp: 13166
Ion Ratio Lower Upper
138 100
108 26.4 8.6 12.8#
92 121.5 87.3 130.9



#54
2,4-Dinitrophenol
Concen: 0.635 ng
RT: 14.760 min Scan# 1993
Delta R.T. -0.011 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion:184 Resp: 2658
Ion Ratio Lower Upper
184 100
63 80.4 53.4 80.0#
154 132.6 54.2 81.2#





#55

Dibenzenofuran

Concen: 2.275 ng

RT: 15.066 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

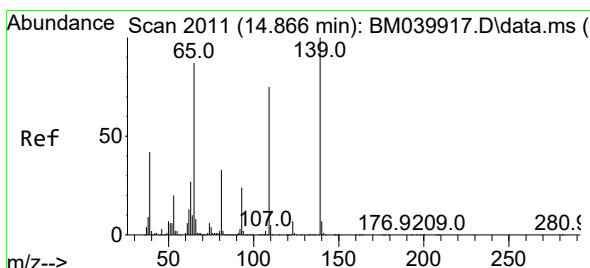
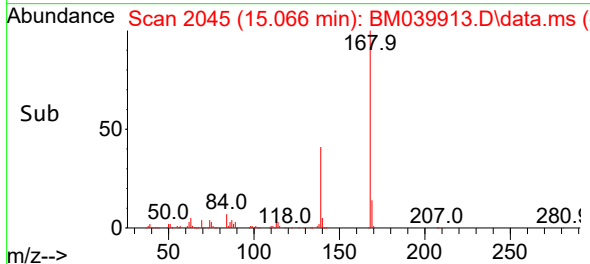
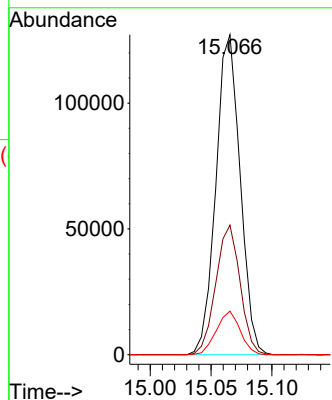
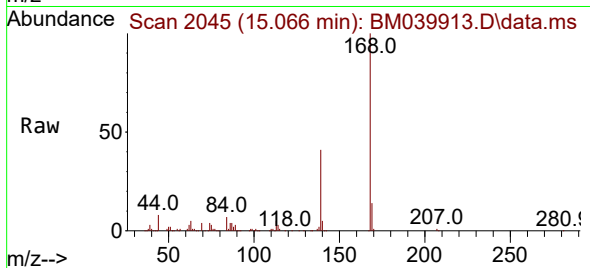
Tgt Ion:168 Resp: 176390

Ion Ratio Lower Upper

168 100

139 40.5 31.0 46.6

169 13.6 10.7 16.1



#56

4-Nitrophenol

Concen: 0.956 ng

RT: 14.854 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

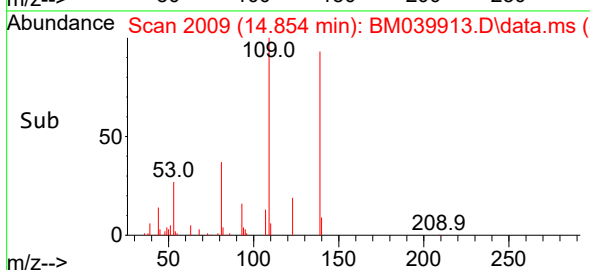
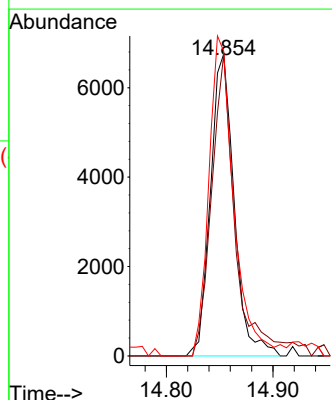
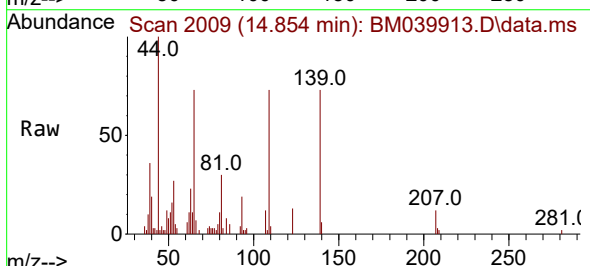
Tgt Ion:139 Resp: 10427

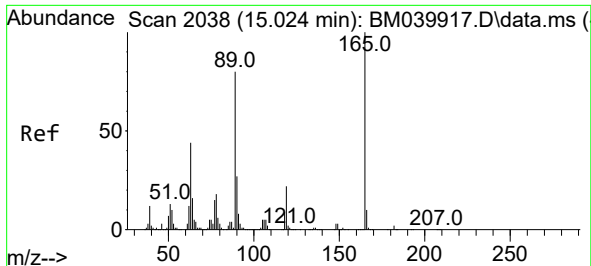
Ion Ratio Lower Upper

139 100

109 99.9 55.1 95.1#

65 100.8 67.4 107.4





#57

2,4-Dinitrotoluene

Concen: 0.836 ng

RT: 15.019 min Scan# 2037

Delta R.T. -0.005 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

Tgt Ion:165 Resp: 11928

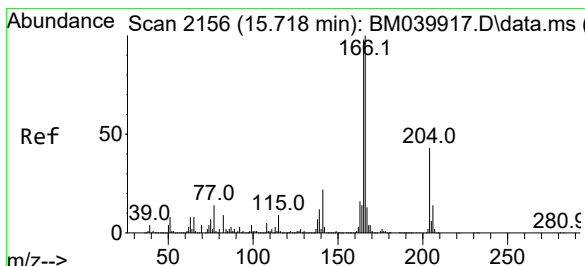
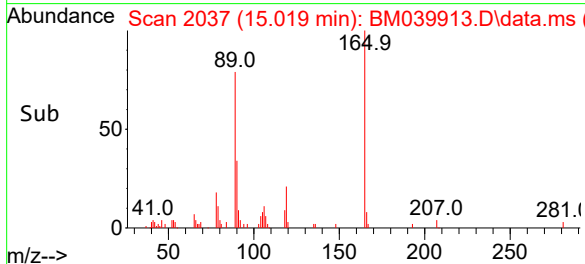
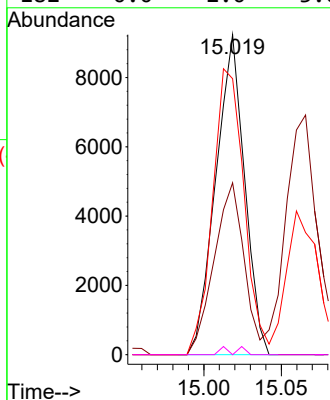
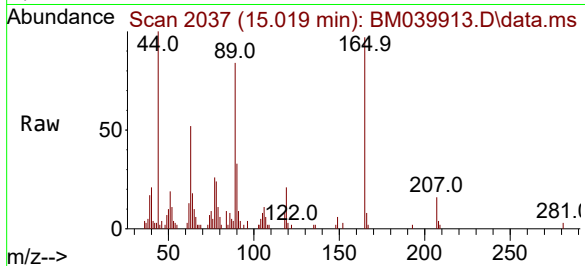
Ion Ratio Lower Upper

165 100

63 53.7 35.5 53.3#

89 86.3 63.8 95.6

182 0.0 2.0 3.0#



#58

Fluorene

Concen: 1.997 ng

RT: 15.713 min Scan# 2155

Delta R.T. -0.005 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

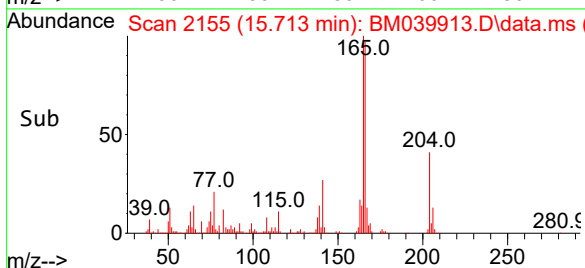
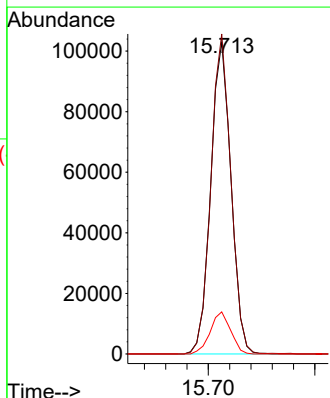
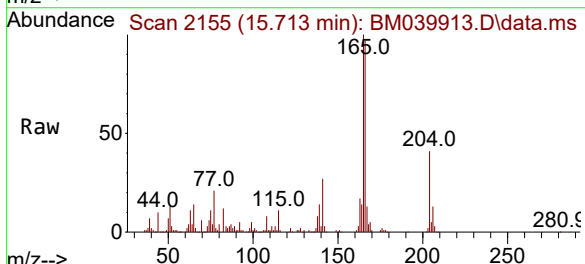
Tgt Ion:166 Resp: 136062

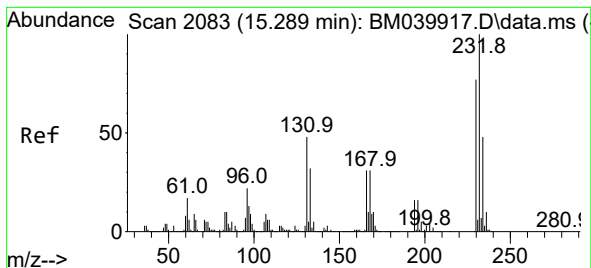
Ion Ratio Lower Upper

166 100

165 102.6 78.8 118.2

167 13.5 10.8 16.2

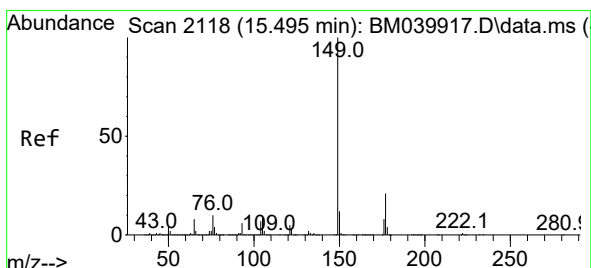
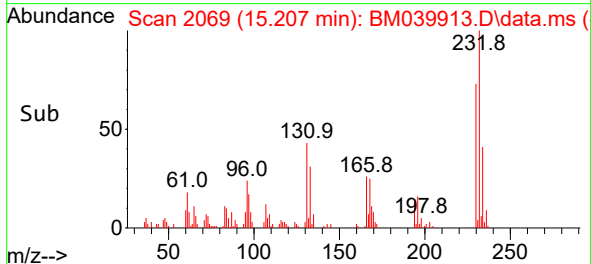
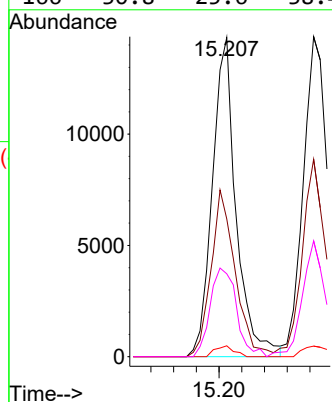
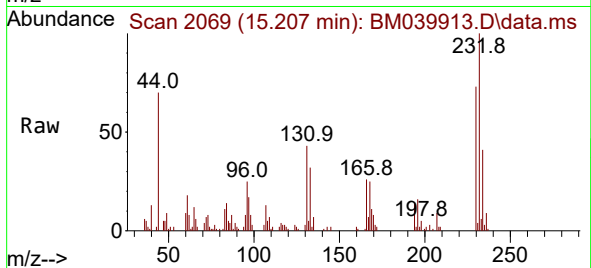




#59
2,3,4,6-Tetrachlorophenol
Concen: 1.444 ng
RT: 15.207 min Scan# 2083
Delta R.T. -0.082 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

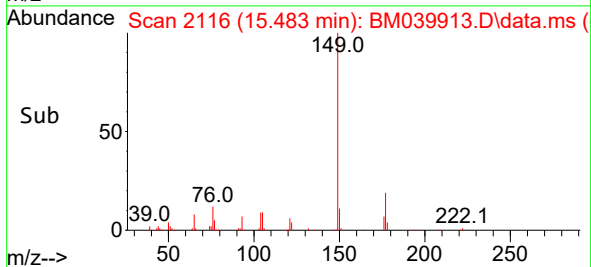
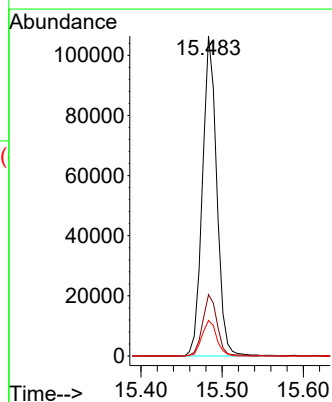
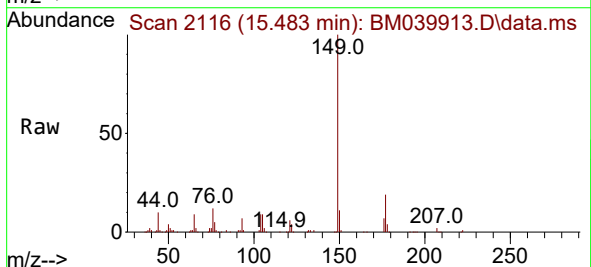
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

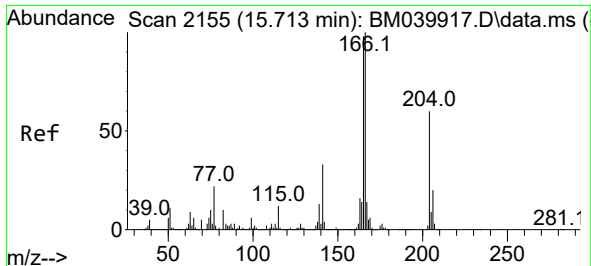
Tgt Ion:232 Resp: 20787
Ion Ratio Lower Upper
232 100
131 53.3 41.0 61.4
130 2.7 2.2 3.2
166 30.8 25.6 38.4



#60
Diethylphthalate
Concen: 2.015 ng
RT: 15.483 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion:149 Resp: 130579
Ion Ratio Lower Upper
149 100
177 19.1 17.0 25.4
150 11.1 9.8 14.6

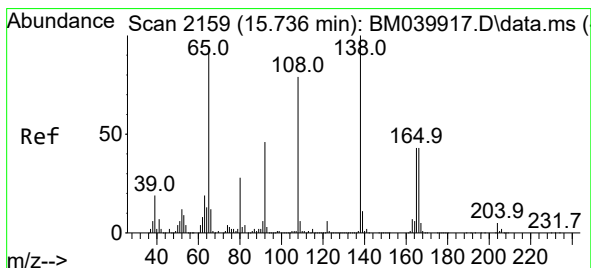
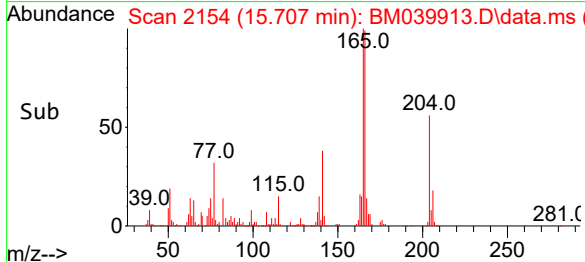
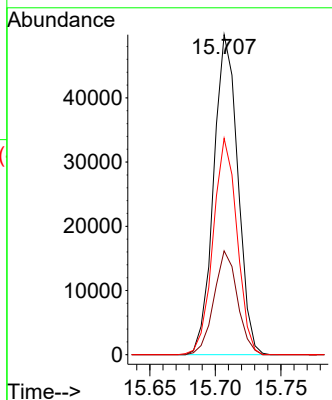
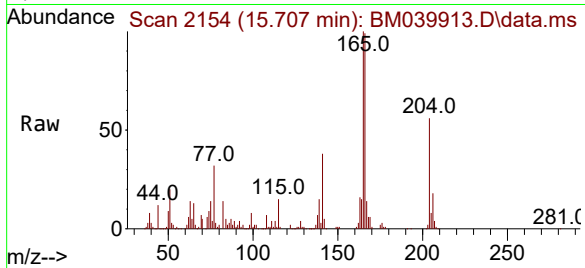




#61
4-Chlorophenyl-phenylether
Concen: 1.884 ng
RT: 15.707 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

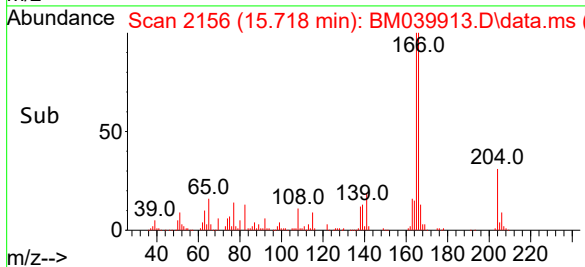
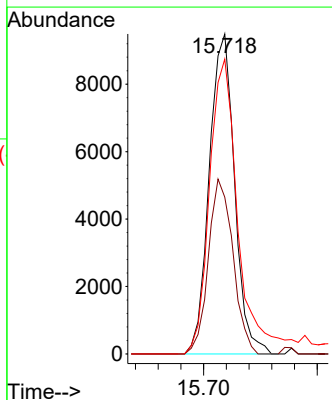
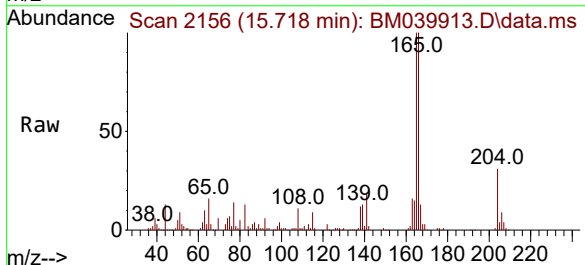
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

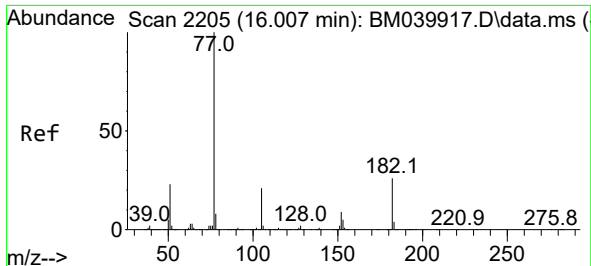
Tgt Ion:204 Resp: 63702
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 67.6 44.6 67.0#



#62
4-Nitroaniline
Concen: 1.034 ng
RT: 15.718 min Scan# 2156
Delta R.T. -0.018 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion:138 Resp: 14658
Ion Ratio Lower Upper
138 100
92 49.0 25.5 65.5
108 92.1 59.5 99.5

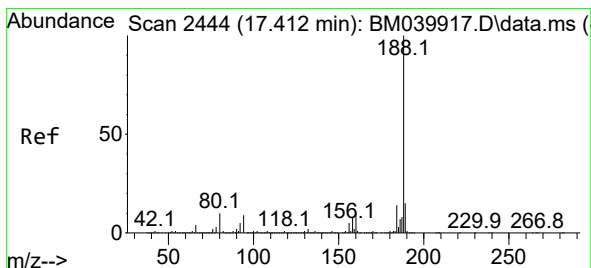
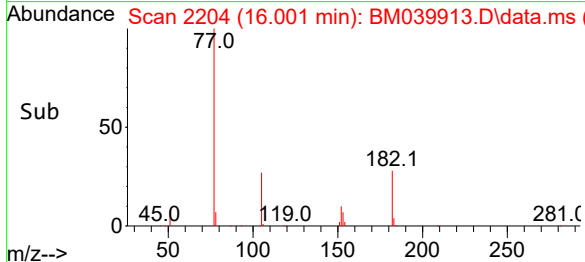
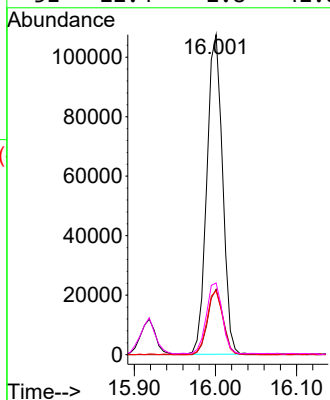
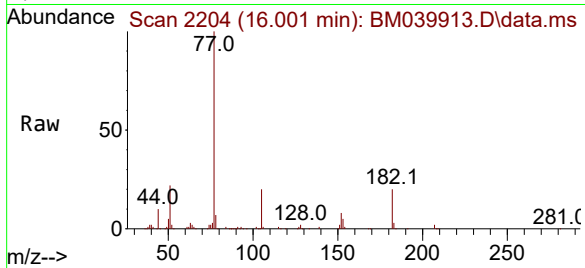




#63
Azobenzene
Concen: 2.326 ng
RT: 16.001 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

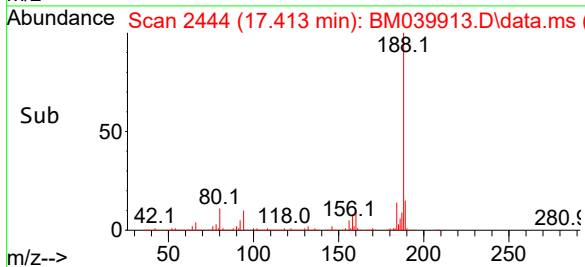
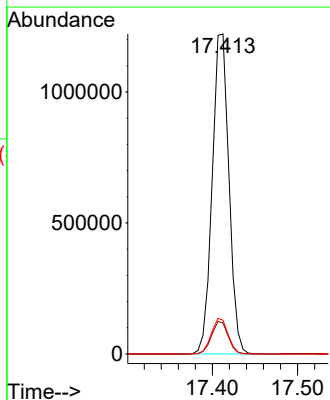
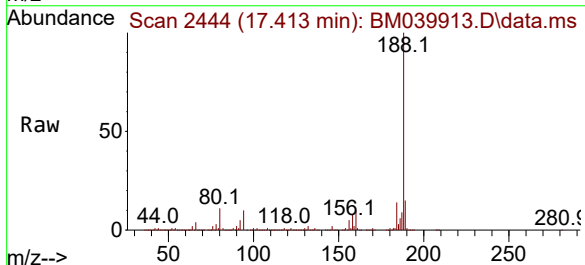
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

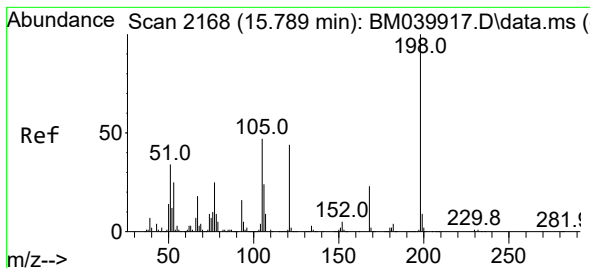
Tgt Ion: 77	Resp: 144215
Ion Ratio	Lower Upper
77 100	
182 20.5	6.2 46.2
105 20.0	1.4 41.4
51 22.4	2.8 42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.413 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion: 188	Resp: 1668196
Ion Ratio	Lower Upper
188 100	
94 9.7	7.5 11.3
80 10.6	8.0 12.0

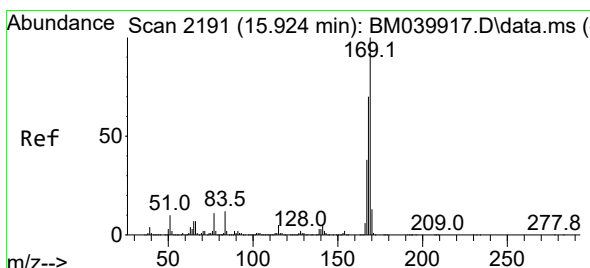
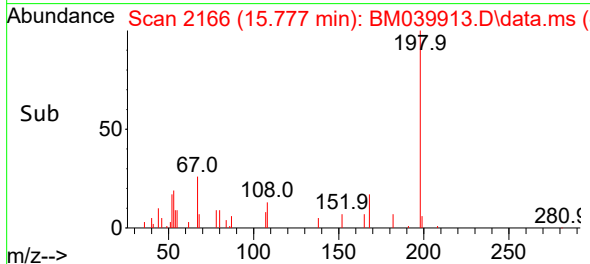
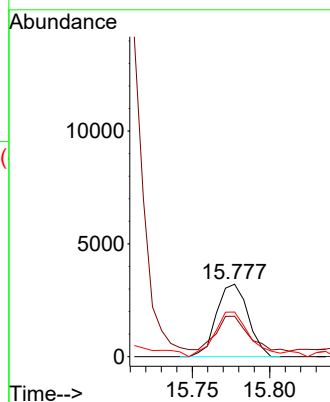
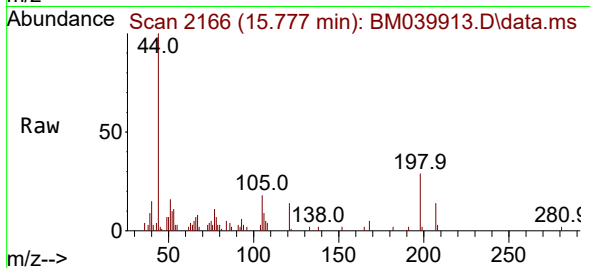




#65
4,6-Dinitro-2-methylphenol
Concen: 0.678 ng
RT: 15.777 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

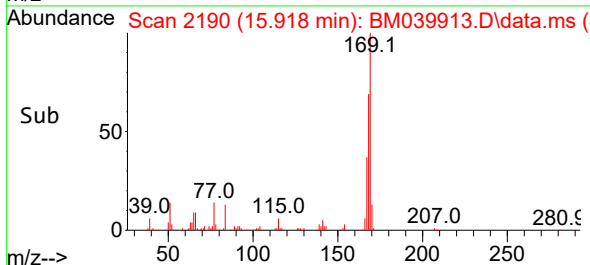
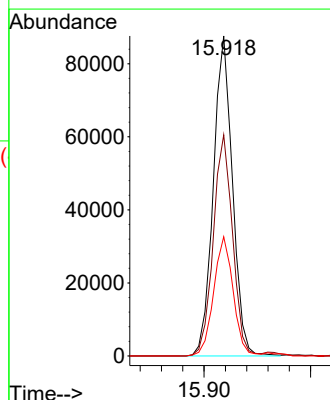
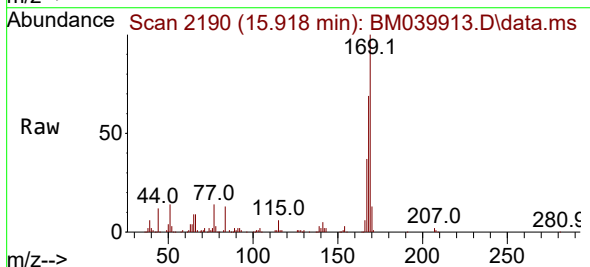
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

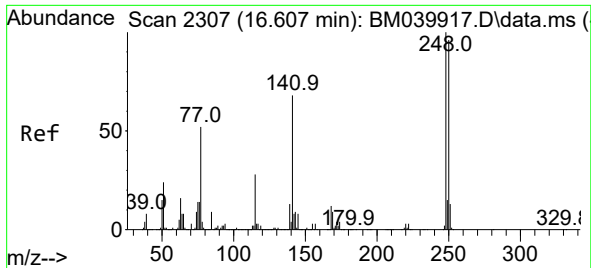
Tgt Ion:198 Resp: 4541
Ion Ratio Lower Upper
198 100
51 55.8 16.0 56.0
105 61.7 27.6 67.6



#66
n-Nitrosodiphenylamine
Concen: 1.903 ng
RT: 15.918 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion:169 Resp: 109382
Ion Ratio Lower Upper
169 100
168 69.1 55.7 83.5
167 37.3 30.2 45.4

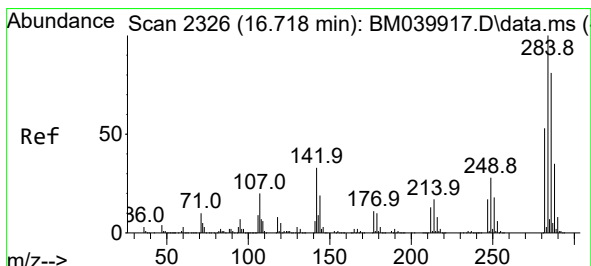
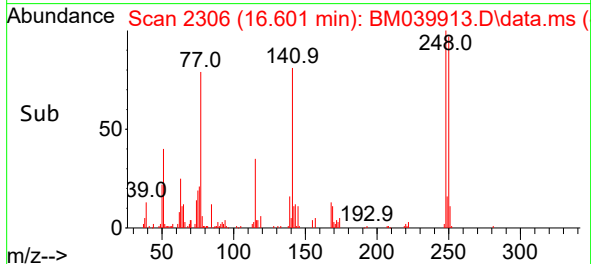
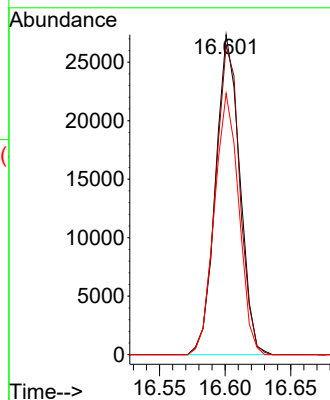
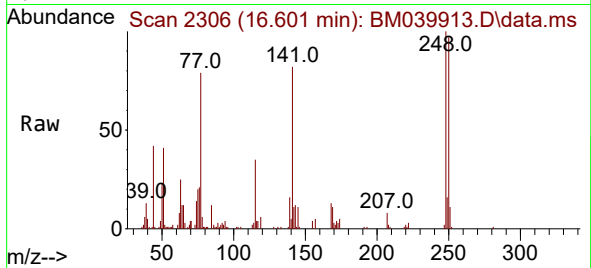




#67
4-Bromophenyl-phenylether
Concen: 1.799 ng
RT: 16.601 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

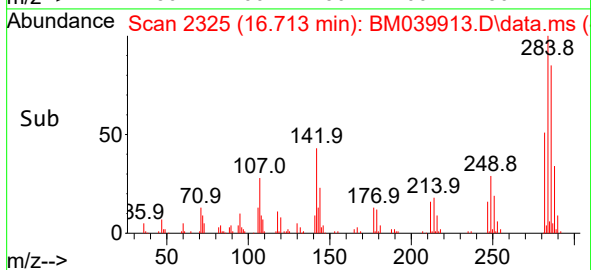
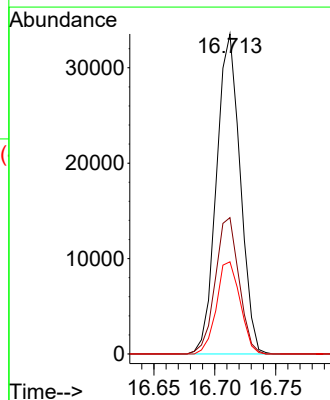
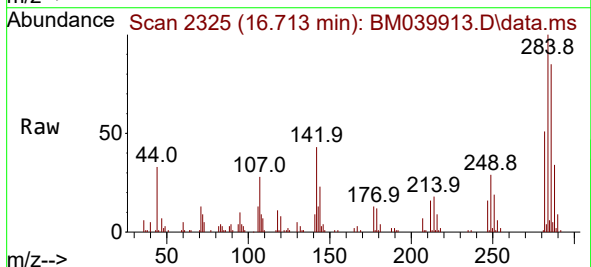
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

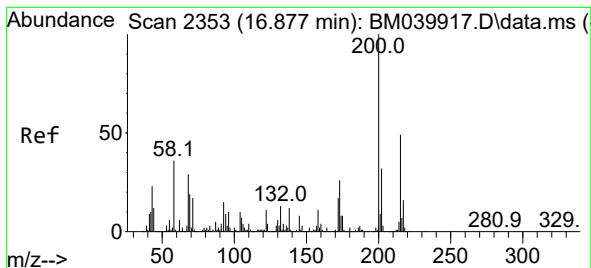
Tgt Ion:248 Resp: 34915
Ion Ratio Lower Upper
248 100
250 96.6 77.2 115.8
141 81.7 54.2 81.4#



#68
Hexachlorobenzene
Concen: 1.989 ng
RT: 16.713 min Scan# 2325
Delta R.T. -0.005 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion:284 Resp: 45452
Ion Ratio Lower Upper
284 100
142 42.6 26.4 39.6#
249 28.8 22.3 33.5





#69

Atrazine

Concen: 1.350 ng

RT: 16.865 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

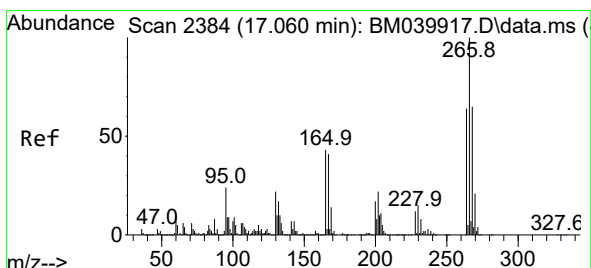
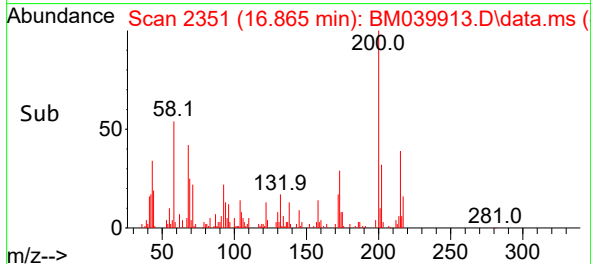
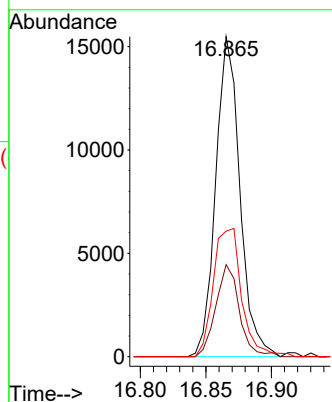
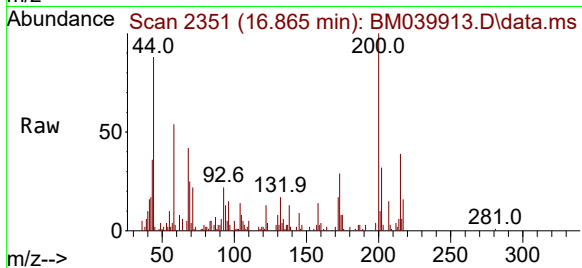
Tgt Ion:200 Resp: 19826

Ion Ratio Lower Upper

200 100

173 28.7 6.1 46.1

215 39.2 28.9 68.9



#70

Pentachlorophenol

Concen: 1.121 ng

RT: 17.054 min Scan# 2383

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

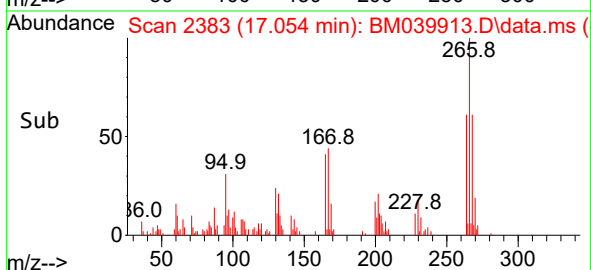
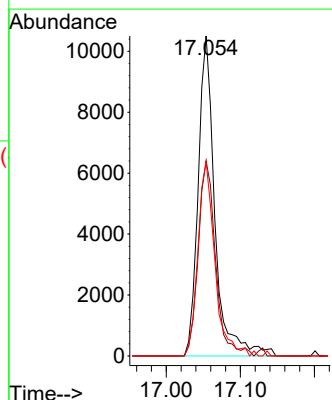
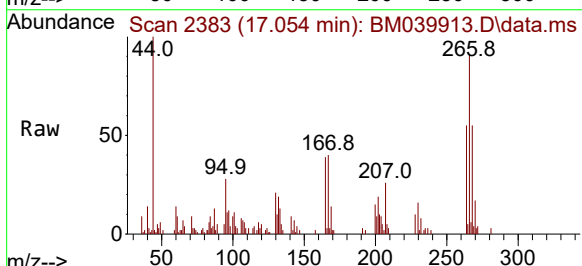
Tgt Ion:266 Resp: 16560

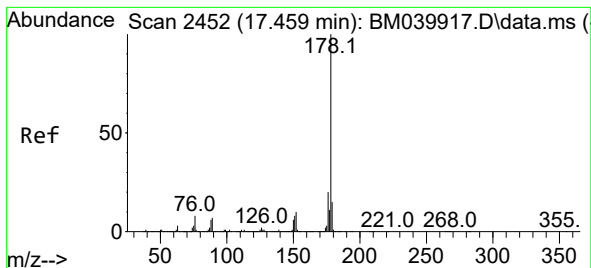
Ion Ratio Lower Upper

266 100

268 61.0 51.8 77.6

264 66.7 51.0 76.4





#71

Phenanthrene

Concen: 2.195 ng

RT: 17.454 min Scan# 2451

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

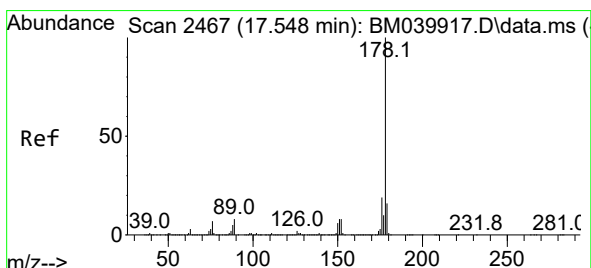
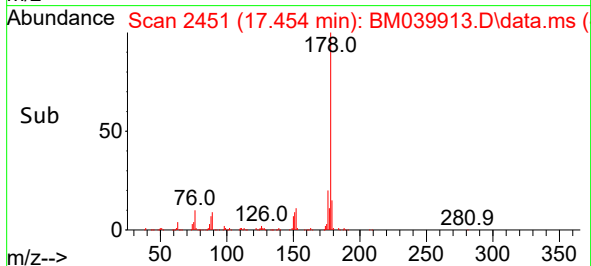
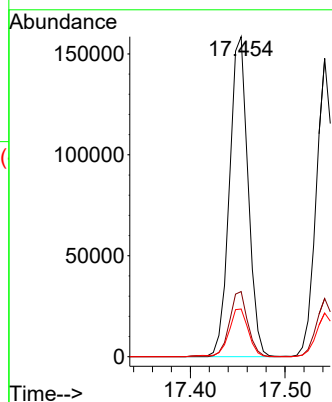
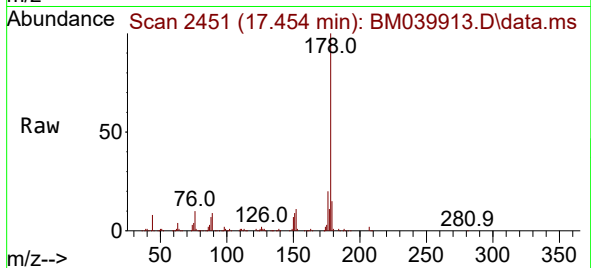
Tgt Ion:178 Resp: 216135

Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

179 14.9 12.3 18.5



#72

Anthracene

Concen: 1.970 ng

RT: 17.542 min Scan# 2466

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

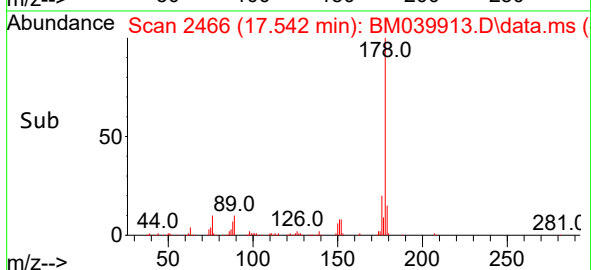
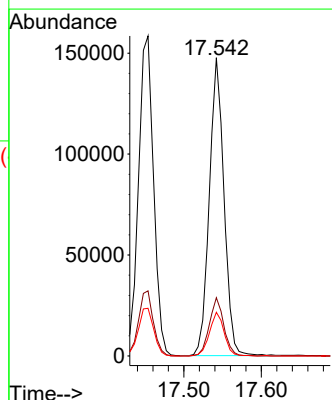
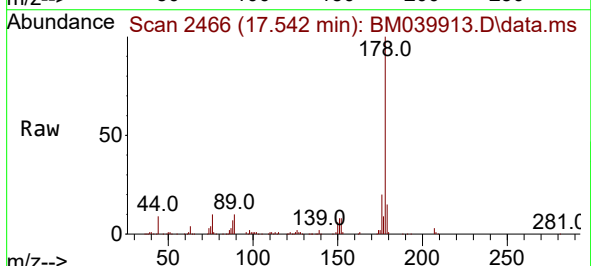
Tgt Ion:178 Resp: 194118

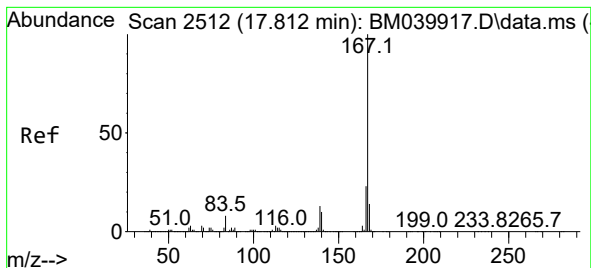
Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 14.6 12.4 18.6





#73

Carbazole

Concen: 1.957 ng

RT: 17.807 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

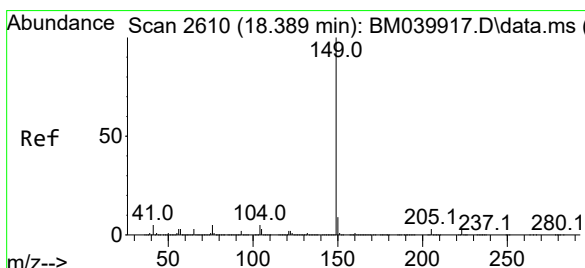
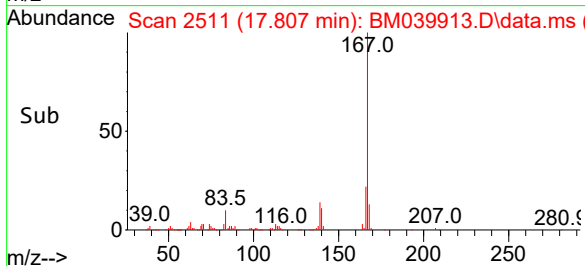
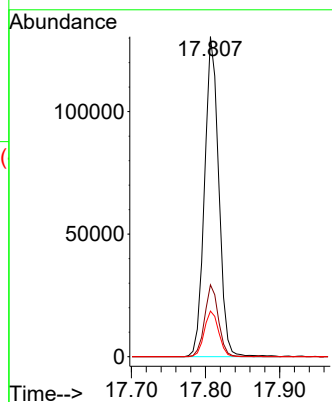
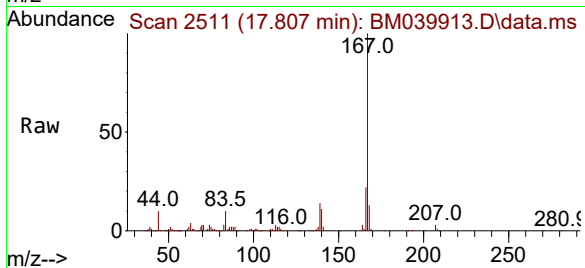
Tgt Ion:167 Resp: 174050

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

139 14.3 10.6 16.0



#74

Di-n-butylphthalate

Concen: 1.354 ng

RT: 18.383 min Scan# 2609

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

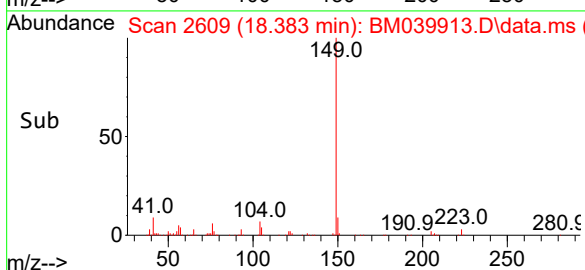
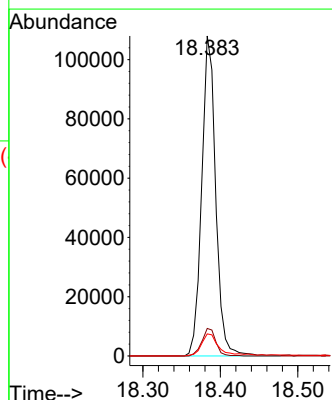
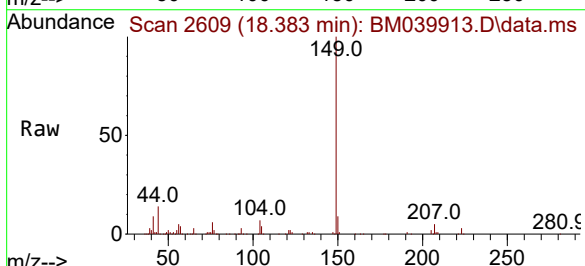
Tgt Ion:149 Resp: 135775

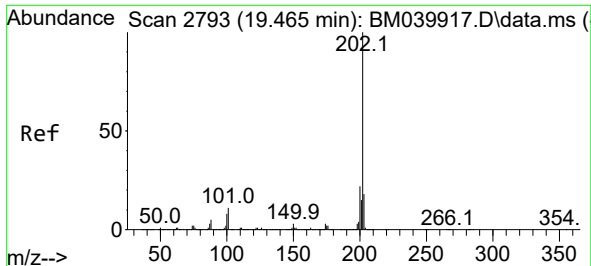
Ion Ratio Lower Upper

149 100

150 8.6 7.5 11.3

104 6.9 4.2 6.2#

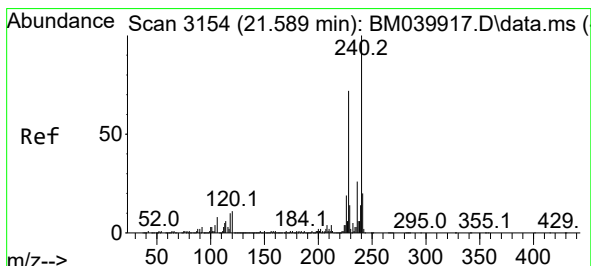
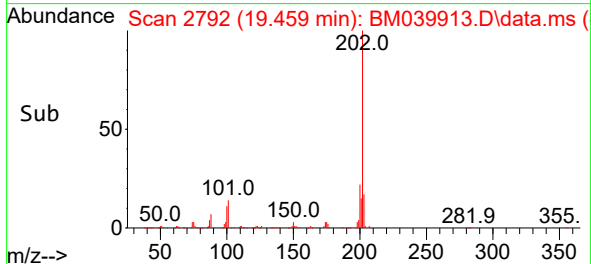
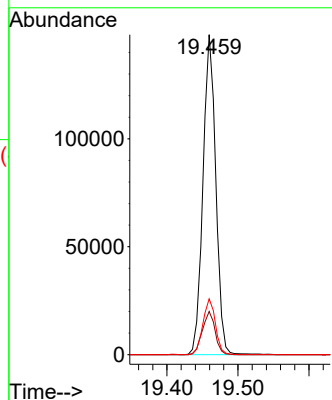
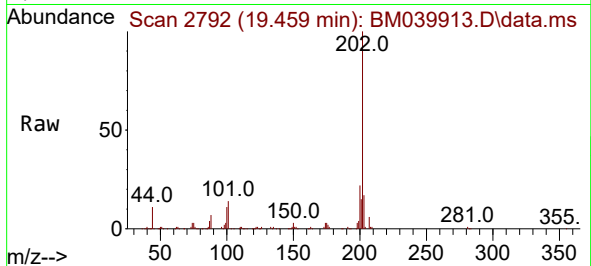




#75
Fluoranthene
Concen: 1.886 ng
RT: 19.459 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

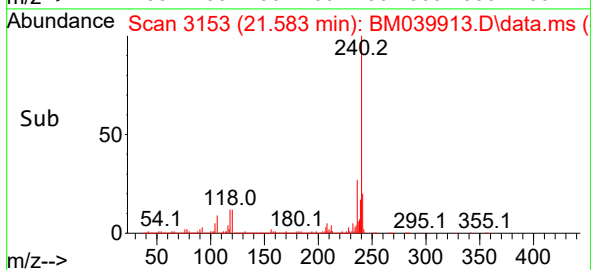
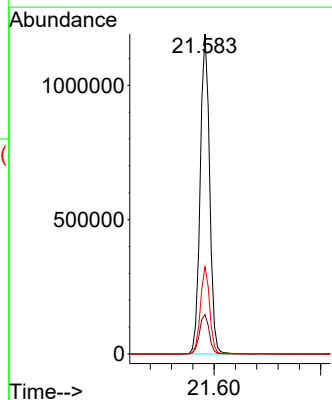
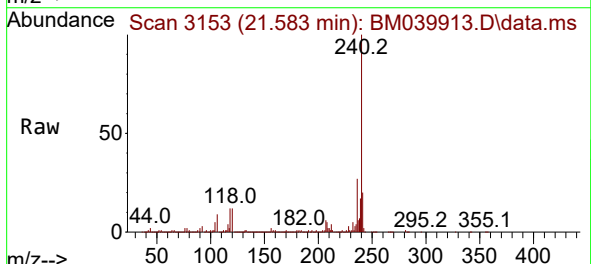
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

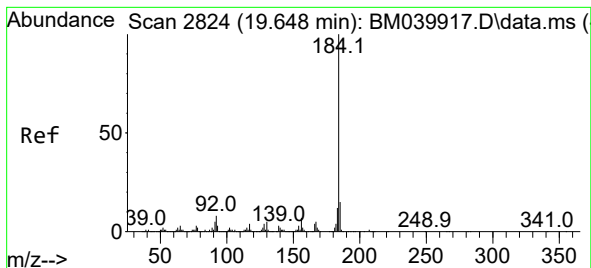
Tgt Ion:202 Resp: 186525
Ion Ratio Lower Upper
202 100
101 13.5 0.0 30.6
203 17.5 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BM039913.D
Acq: 12 May 2023 11:35

Tgt Ion:240 Resp: 1453311
Ion Ratio Lower Upper
240 100
120 12.3 9.0 13.4
236 27.2 20.9 31.3





#77

Benzidine

Concen: 1.406 ng

RT: 19.642 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

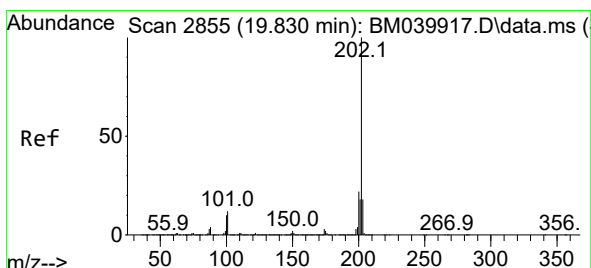
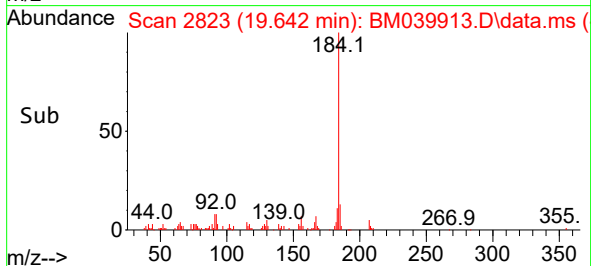
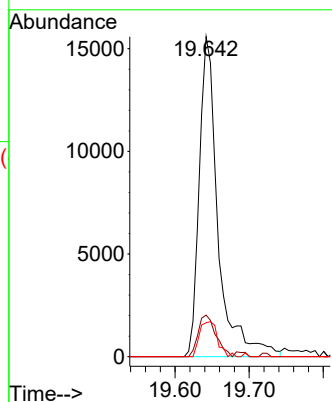
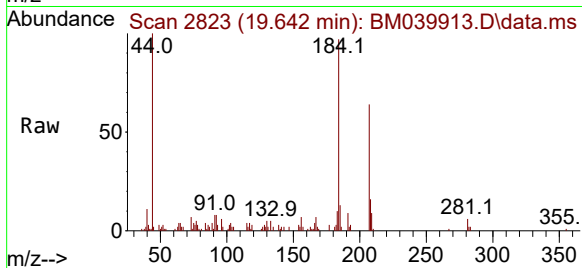
Tgt Ion:184 Resp: 27479

Ion Ratio Lower Upper

184 100

185 13.0 12.1 18.1

183 10.6 9.5 14.3



#78

Pyrene

Concen: 1.919 ng

RT: 19.818 min Scan# 2853

Delta R.T. -0.012 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

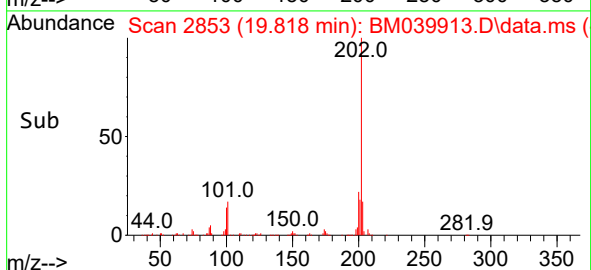
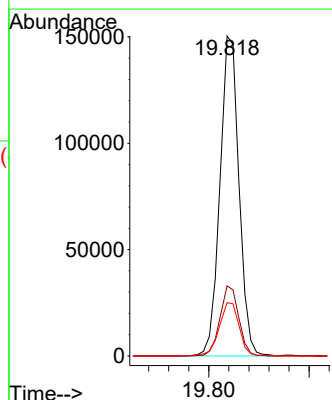
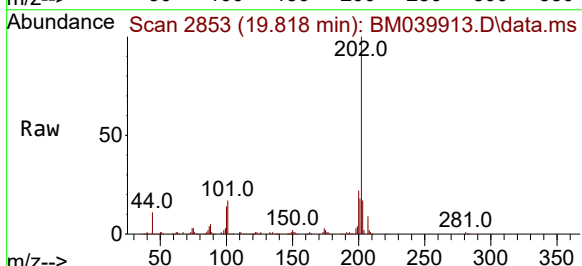
Tgt Ion:202 Resp: 197958

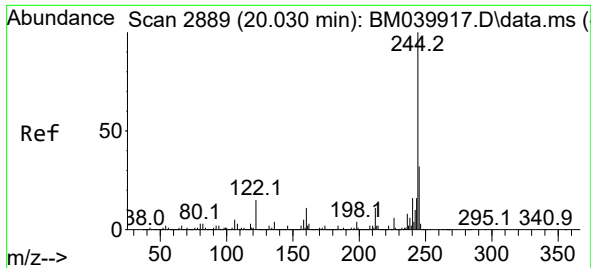
Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

203 16.7 14.2 21.2

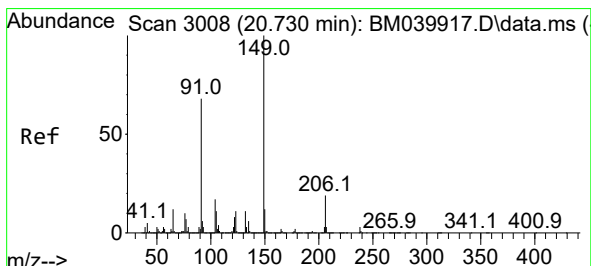
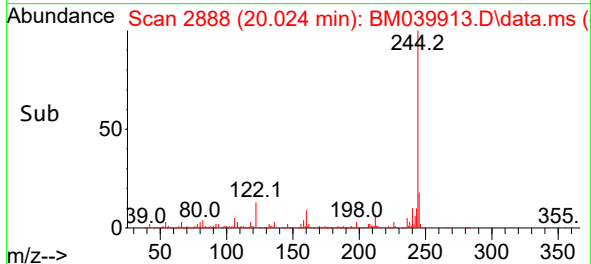
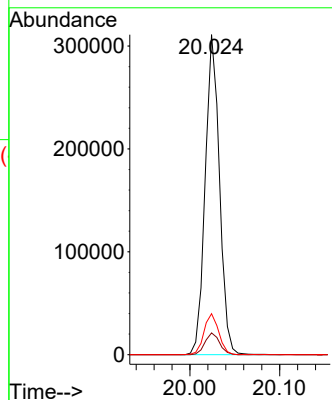
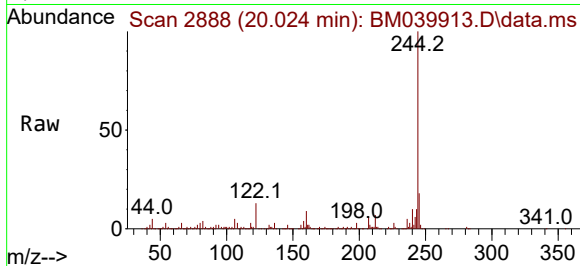




#79
 Terphenyl-d14
 Concen: 4.279 ng
 RT: 20.024 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039913.D
 Acq: 12 May 2023 11:35

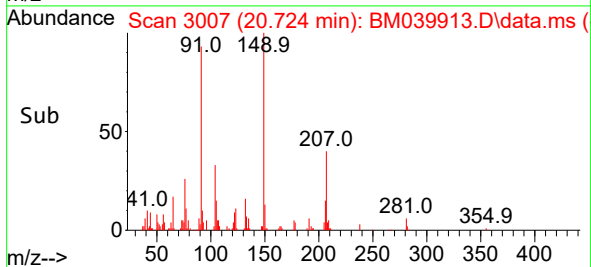
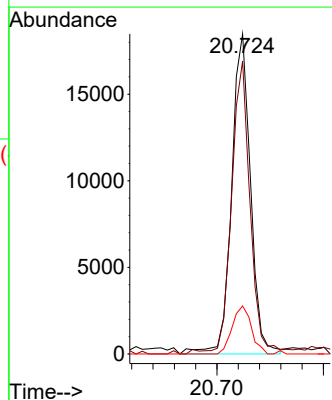
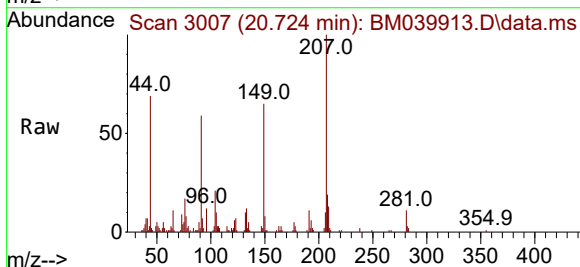
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

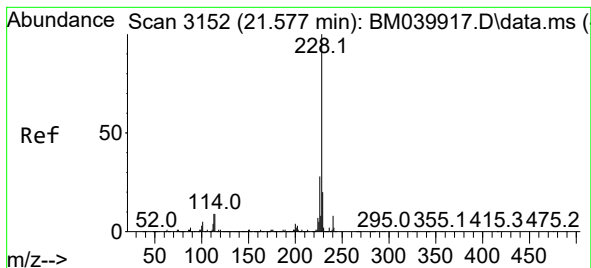
Tgt Ion:244 Resp: 343635
 Ion Ratio Lower Upper
 244 100
 212 6.8 8.5 12.7#
 122 12.8 12.1 18.1



#80
 Butylbenzylphthalate
 Concen: 0.711 ng
 RT: 20.724 min Scan# 3007
 Delta R.T. -0.006 min
 Lab File: BM039913.D
 Acq: 12 May 2023 11:35

Tgt Ion:149 Resp: 22865
 Ion Ratio Lower Upper
 149 100
 91 91.6 54.5 81.7#
 206 15.0 14.9 22.3





#81

Benzo(a)anthracene

Concen: 2.067 ng

RT: 21.565 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

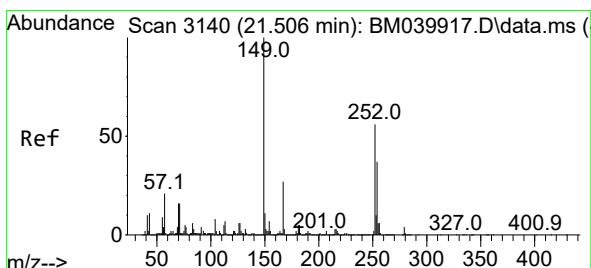
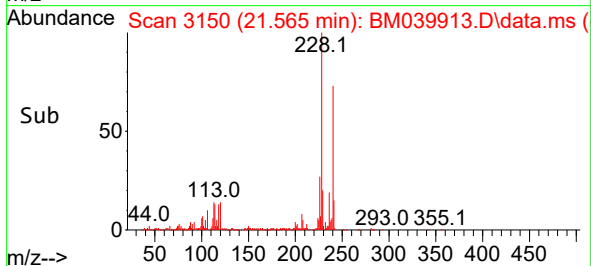
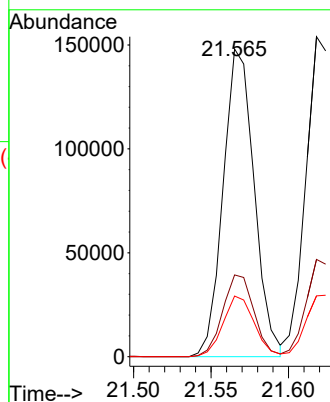
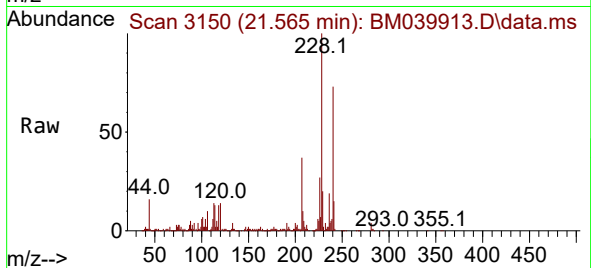
Tgt Ion:228 Resp: 206407

Ion Ratio Lower Upper

228 100

226 26.6 22.6 34.0

229 19.7 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 0.852 ng

RT: 21.500 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

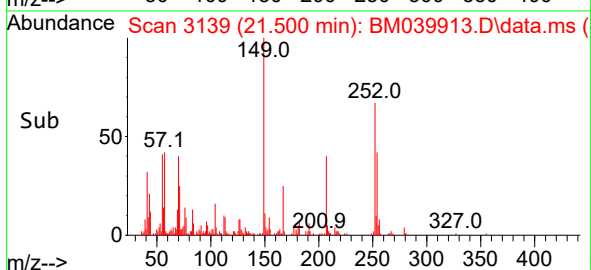
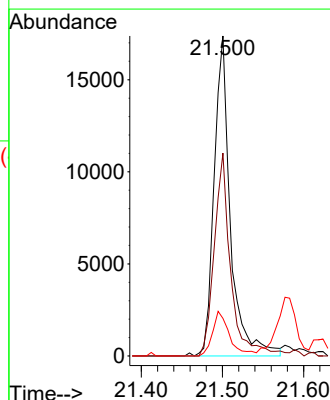
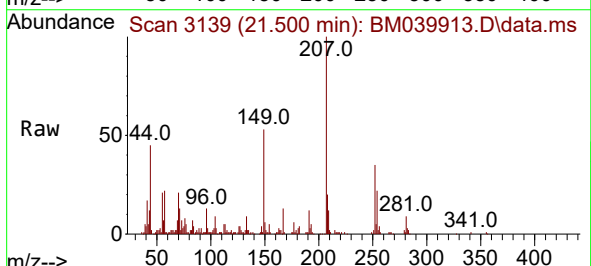
Tgt Ion:252 Resp: 24233

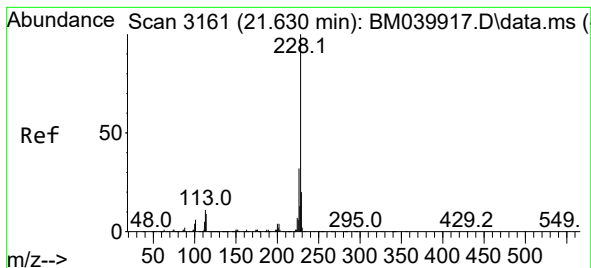
Ion Ratio Lower Upper

252 100

254 63.4 52.3 78.5

126 11.8 8.3 12.5





#83

Chrysene

Concen: 2.160 ng

RT: 21.618 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

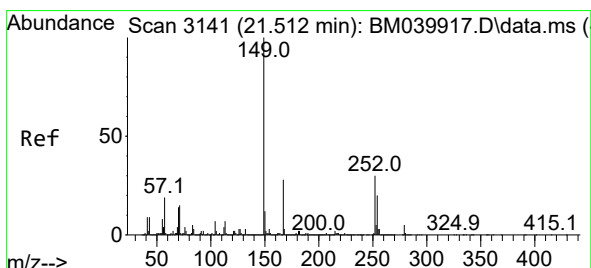
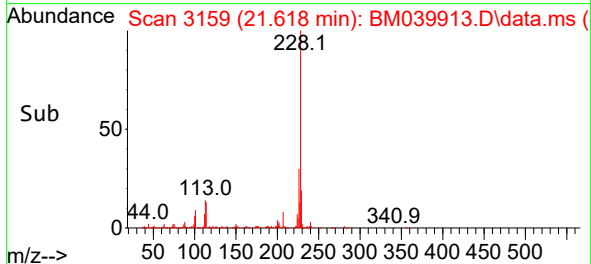
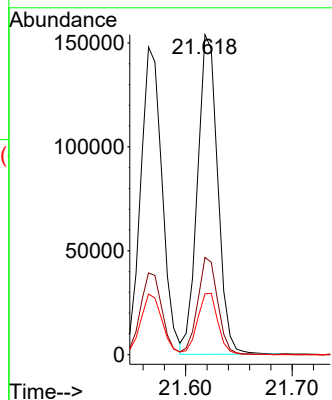
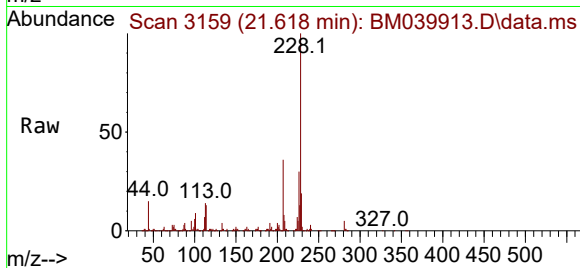
Tgt Ion:228 Resp: 203167

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.0

229 19.0 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.753 ng

RT: 21.506 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

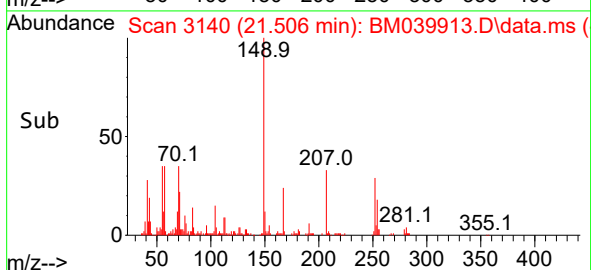
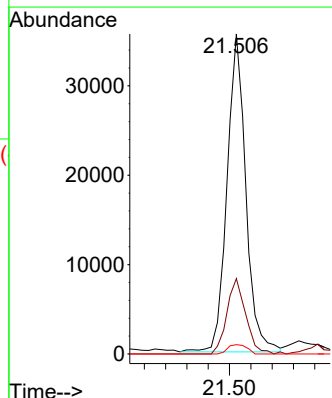
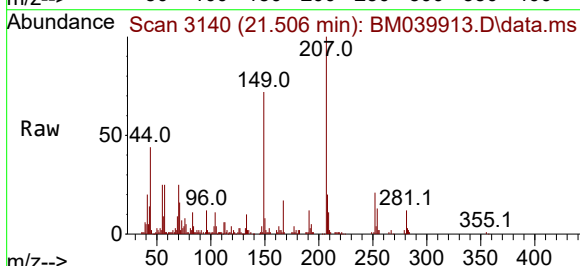
Tgt Ion:149 Resp: 43635

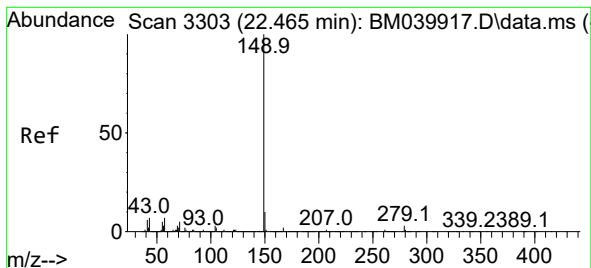
Ion Ratio Lower Upper

149 100

167 23.5 22.3 33.5

279 2.9 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 0.755 ng

RT: 22.459 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039913.D

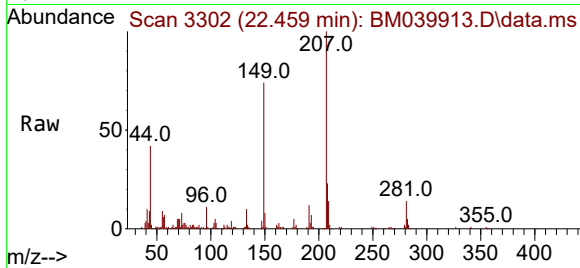
Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



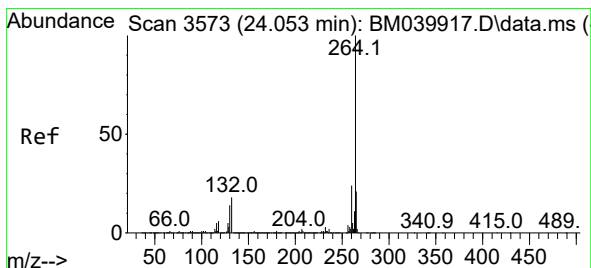
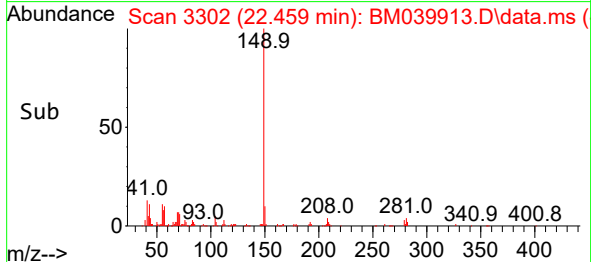
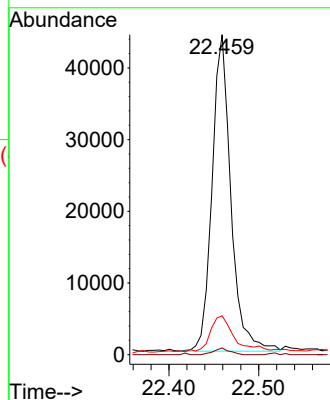
Tgt Ion:149 Resp: 64250

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

43 15.3 5.9 8.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.047 min Scan# 3572

Delta R.T. -0.006 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

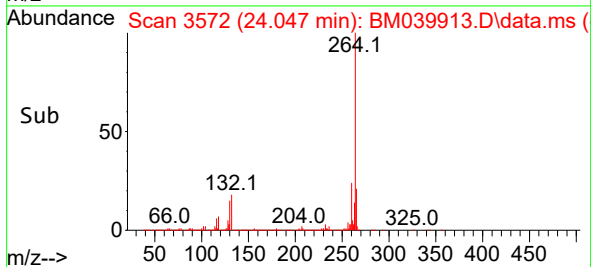
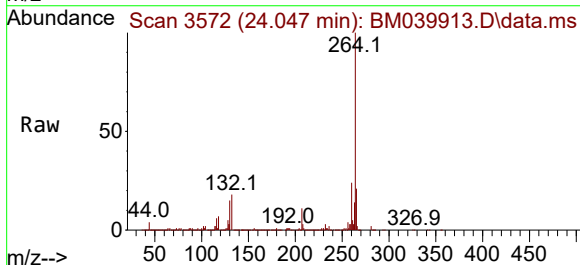
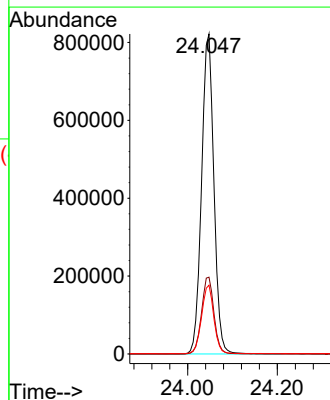
Tgt Ion:264 Resp: 1564474

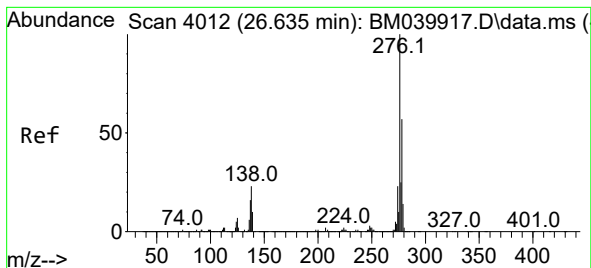
Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 21.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 1.736 ng

RT: 26.612 min Scan# 4012

Delta R.T. -0.023 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

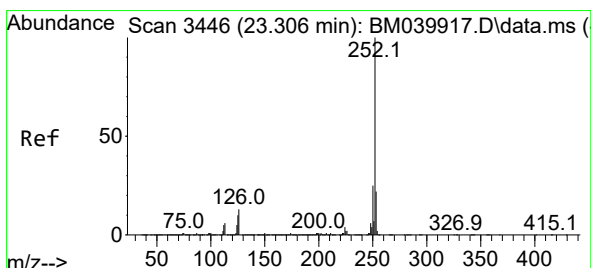
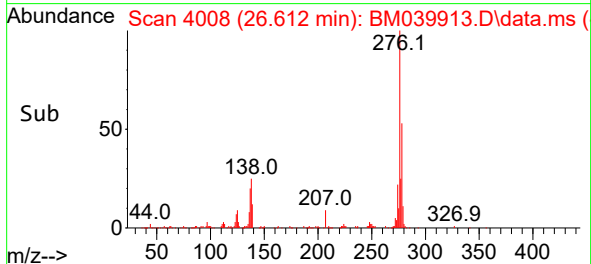
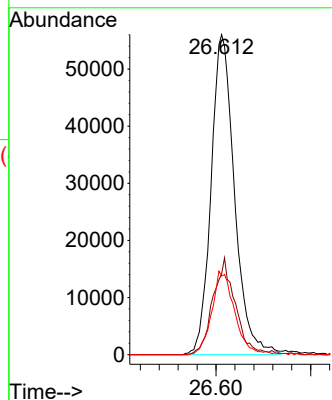
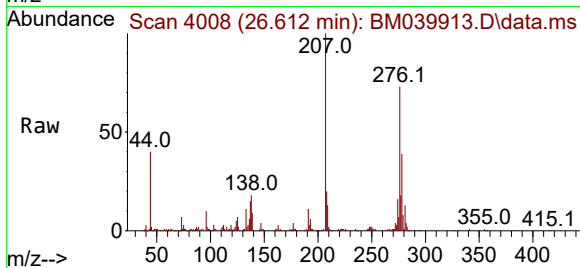
Tgt Ion:276 Resp: 192252

Ion Ratio Lower Upper

276 100

138 28.8 19.8 29.8

277 25.6 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 1.720 ng

RT: 23.289 min Scan# 3443

Delta R.T. -0.018 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

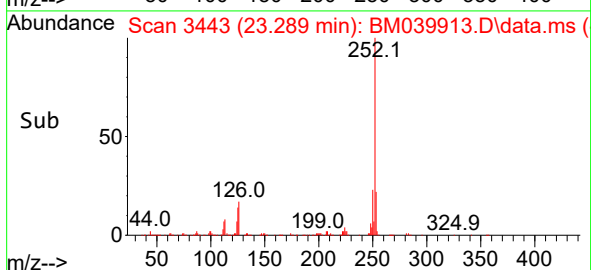
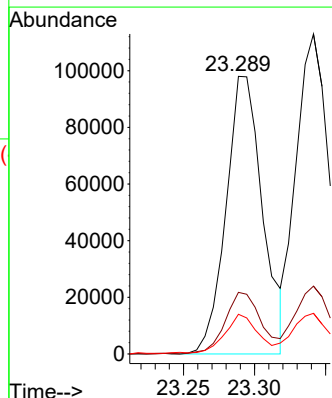
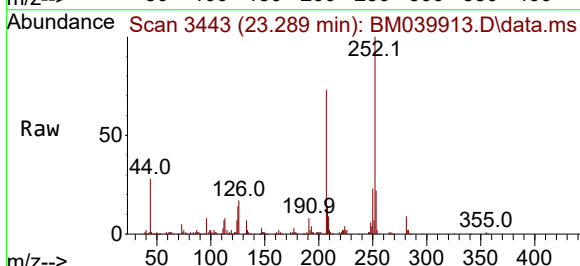
Tgt Ion:252 Resp: 175695

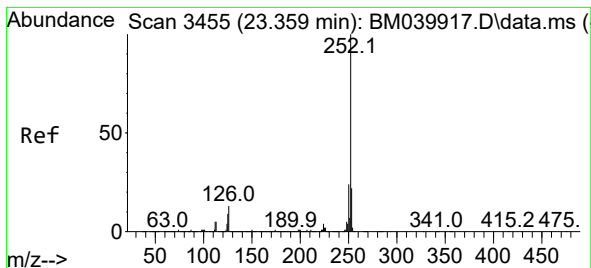
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 14.3 7.8 11.8#





#89

Benzo(k)fluoranthene

Concen: 1.741 ng

RT: 23.342 min Scan# 34

Delta R.T. -0.018 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

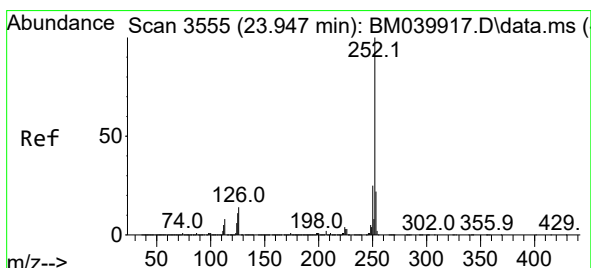
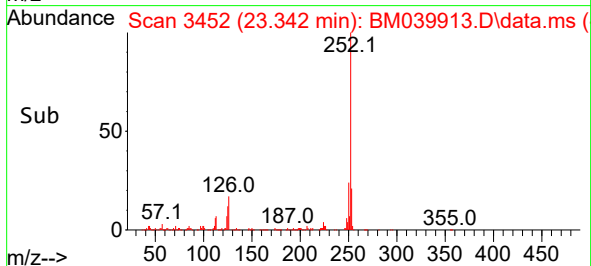
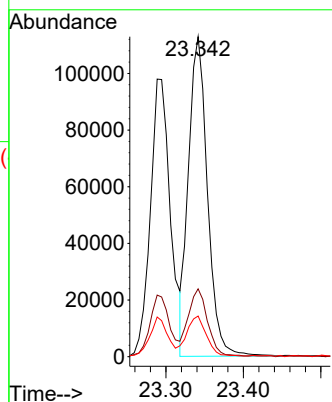
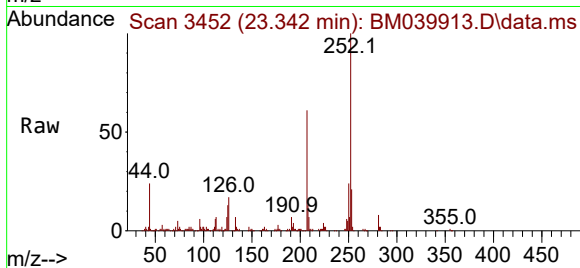
Tgt Ion:252 Resp: 191857

Ion Ratio Lower Upper

252 100

253 21.2 17.7 26.5

125 12.7 7.5 11.3#



#90

Benzo(a)pyrene

Concen: 1.639 ng

RT: 23.936 min Scan# 3553

Delta R.T. -0.012 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

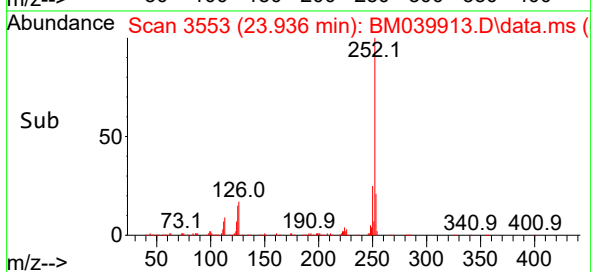
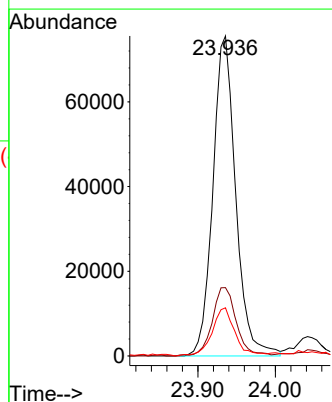
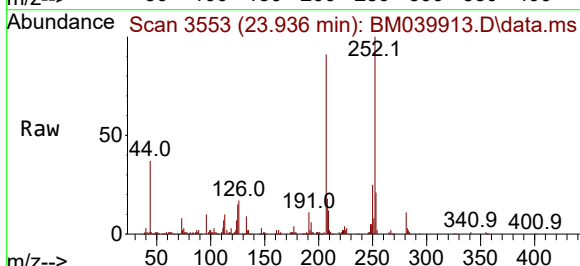
Tgt Ion:252 Resp: 154765

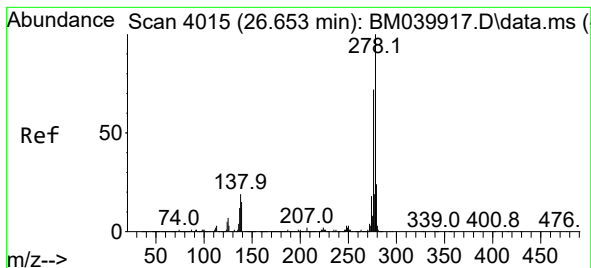
Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

125 15.0 8.9 13.3#





#91

Dibenzo(a,h)anthracene

Concen: 1.679 ng

RT: 26.630 min Scan# 4015

Delta R.T. -0.023 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

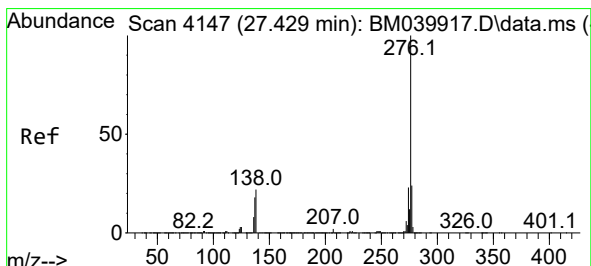
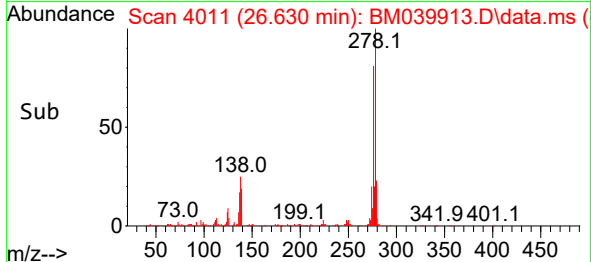
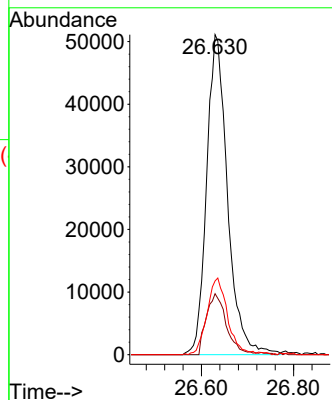
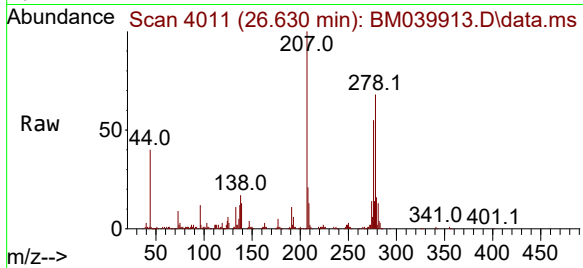
Tgt Ion:278 Resp: 161260

Ion Ratio Lower Upper

278 100

139 19.0 12.2 18.4#

279 23.1 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 1.903 ng

RT: 27.394 min Scan# 4141

Delta R.T. -0.035 min

Lab File: BM039913.D

Acq: 12 May 2023 11:35

Tgt Ion:276 Resp: 157439

Ion Ratio Lower Upper

276 100

277 22.0 19.1 28.7

138 25.8 17.4 26.2

