

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040110.D
 Acq On : 06 Jun 2023 18:58
 Operator : MA/JU
 Sample : PB153183BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153183BS

Quant Time: Jun 07 02:12:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	254517	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1199892	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	734132	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1549643	20.000	ng	0.00
76) Chrysene-d12	21.556	240	1598388	20.000	ng	0.00
86) Perylene-d12	23.991	264	1468043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	2573010	155.071	ng	0.00
7) Phenol-d6	7.157	99	3342279	154.418	ng	0.00
23) Nitrobenzene-d5	9.163	82	1827577	82.188	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1607136	168.667	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	4656233	74.809	ng	0.00
79) Terphenyl-d14	19.992	244	8754770	85.045	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	242468	36.185	ng	97
3) Pyridine	3.804	79	652759	35.481	ng	98
4) n-Nitrosodimethylamine	3.716	42	327112	41.853	ng	93
6) Aniline	7.316	93	1298983	48.502	ng	99
8) 2-Chlorophenol	7.557	128	986877	56.504	ng	96
9) Benzaldehyde	7.128	77	478369	45.719	ng	98
10) Phenol	7.181	94	1289254	59.424	ng	98
11) bis(2-Chloroethyl)ether	7.416	93	877392	49.099	ng	98
12) 1,3-Dichlorobenzene	7.881	146	902411	48.791	ng	99
13) 1,4-Dichlorobenzene	8.034	146	929649	49.402	ng	100
14) 1,2-Dichlorobenzene	8.351	146	913936	49.530	ng	99
15) Benzyl Alcohol	8.239	79	799011	57.268	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.533	45	1091880	47.632	ng	99
17) 2-Methylphenol	8.439	107	853391	54.978	ng	98
18) Hexachloroethane	9.086	117	334241	48.993	ng	97
19) n-Nitroso-di-n-propyla...	8.810	70	668297	53.309	ng	96
20) 3+4-Methylphenols	8.769	107	1167446	56.995	ng	98
22) Acetophenone	8.822	105	1446350	44.659	ng	# 98
24) Nitrobenzene	9.210	77	998322	44.260	ng	97
25) Isophorone	9.733	82	1920912	47.369	ng	99
26) 2-Nitrophenol	9.922	139	474020	59.390	ng	95
27) 2,4-Dimethylphenol	9.980	122	984070	54.132	ng	99
28) bis(2-Chloroethoxy)met...	10.216	93	1239303	46.613	ng	100
29) 2,4-Dichlorophenol	10.457	162	907575	52.694	ng	98
30) 1,2,4-Trichlorobenzene	10.675	180	816633	43.309	ng	98
31) Naphthalene	10.863	128	2943635	44.463	ng	100
32) Benzoic acid	10.122	122	615757	49.894	ng	92
33) 4-Chloroaniline	10.969	127	879378	31.521	ng	99
34) Hexachlorobutadiene	11.151	225	412175	38.944	ng	98
35) Caprolactam	11.757	113	152483	31.352	ng	88
36) 4-Chloro-3-methylphenol	12.092	107	1020141	57.303	ng	99
37) 2-Methylnaphthalene	12.469	142	2027121	45.937	ng	99
38) 1-Methylnaphthalene	12.686	142	1922939	46.551	ng	100
40) 1,2,4,5-Tetrachloroben...	12.833	216	906554	39.043	ng	98
41) Hexachlorocyclopentadiene	12.816	237	1189976	99.068	ng	99
43) 2,4,6-Trichlorophenol	13.068	196	663152	47.054	ng	100

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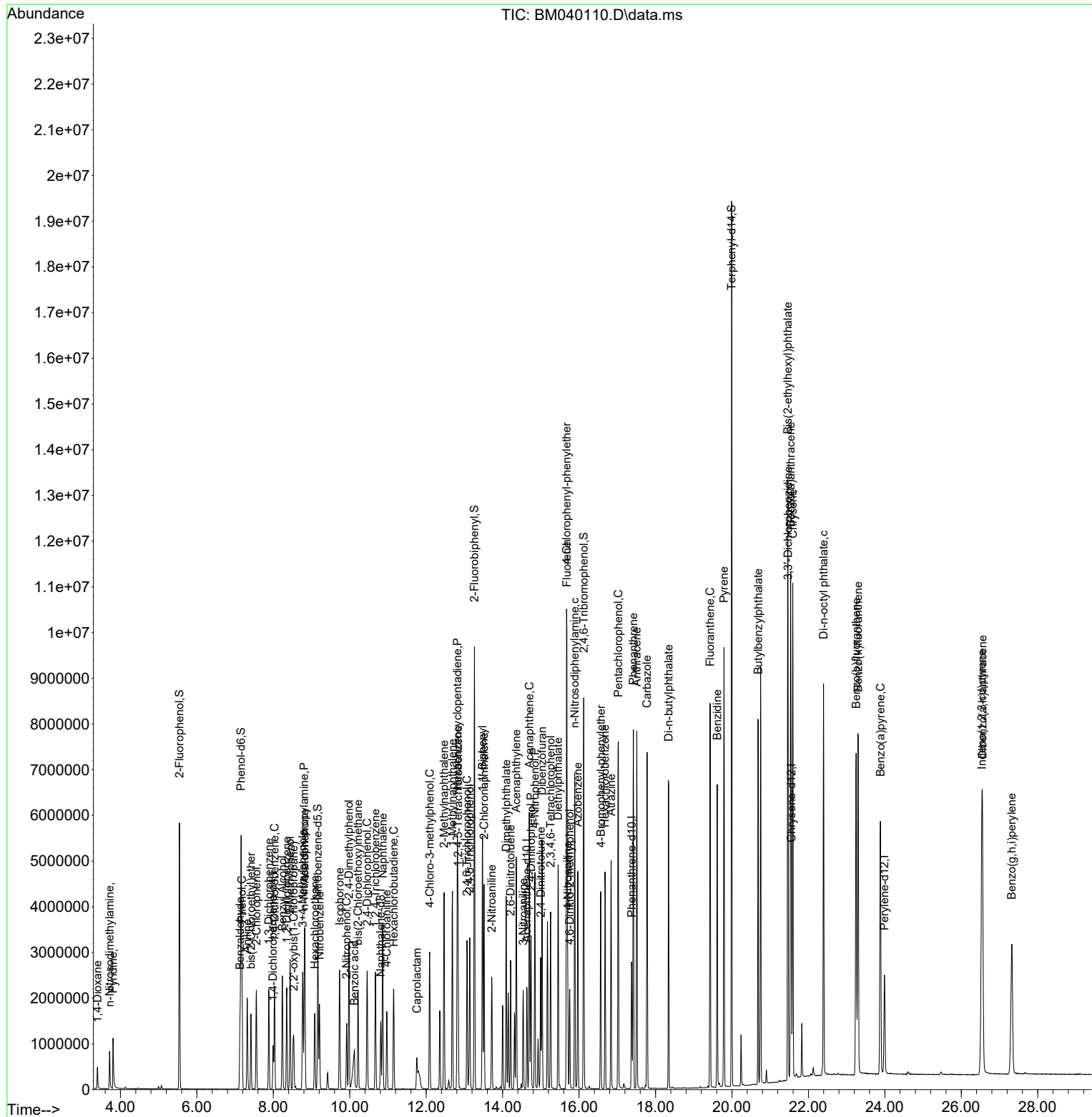
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	741367	44.195	ng	99
46) 1,1'-Biphenyl	13.474	154	2766467	44.015	ng	99
47) 2-Chloronaphthalene	13.515	162	2125686	45.308	ng	99
48) 2-Nitroaniline	13.716	65	620926	48.866	ng	96
49) Acenaphthylene	14.357	152	3453211	47.016	ng	100
50) Dimethylphthalate	14.092	163	2638347	47.674	ng	100
51) 2,6-Dinitrotoluene	14.210	165	554468	52.373	ng	97
52) Acenaphthene	14.698	154	2110680	43.982	ng	98
53) 3-Nitroaniline	14.539	138	537969	42.955	ng	99
54) 2,4-Dinitrophenol	14.745	184	658237	108.533	ng	94
55) Dibenzofuran	15.033	168	3349472	47.280	ng	99
56) 4-Nitrophenol	14.845	139	1281835	132.312	ng	93
57) 2,4-Dinitrotoluene	14.998	165	797516	51.982	ng	90
58) Fluorene	15.680	166	2863495	48.624	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.257	232	654760	52.486	ng	98
60) Diethylphthalate	15.451	149	2812021	51.407	ng	100
61) 4-Chlorophenyl-phenyle...	15.674	204	1337698	46.428	ng	96
62) 4-Nitroaniline	15.704	138	775129	59.428	ng	93
63) Azobenzene	15.968	77	2647378	48.542	ng	96
65) 4,6-Dinitro-2-methylph...	15.757	198	428962	49.859	ng	93
66) n-Nitrosodiphenylamine	15.886	169	2445734	45.894	ng	98
67) 4-Bromophenyl-phenylether	16.568	248	736693	43.024	ng	96
68) Hexachlorobenzene	16.680	284	893366	45.655	ng	99
69) Atrazine	16.839	200	803342	60.604	ng	99
70) Pentachlorophenol	17.027	266	1258897	98.004	ng	99
71) Phenanthrene	17.421	178	4307232	46.469	ng	100
72) Anthracene	17.509	178	4444757	48.398	ng	100
73) Carbazole	17.780	167	4322734	52.099	ng	100
74) Di-n-butylphthalate	18.345	149	4800662	45.466	ng	99
75) Fluoranthene	19.433	202	4677218	50.628	ng	99
77) Benzidine	19.615	184	3197353	128.815	ng	99
78) Pyrene	19.792	202	5136206	43.791	ng	100
80) Butylbenzylphthalate	20.686	149	2216556	46.161	ng	90
81) Benzo(a)anthracene	21.539	228	5300041	46.840	ng	100
82) 3,3'-Dichlorobenzidine	21.468	252	1537549	45.489	ng	100
83) Chrysene	21.591	228	4924749	45.361	ng	99
84) Bis(2-ethylhexyl)phtha...	21.462	149	3306337	43.393	ng	97
85) Di-n-octyl phthalate	22.397	149	5631785	47.760	ng	97
87) Indeno(1,2,3-cd)pyrene	26.538	276	4774081	40.894	ng	99
88) Benzo(b)fluoranthene	23.250	252	4850882	51.611	ng	99
89) Benzo(k)fluoranthene	23.303	252	4999605	48.646	ng	98
90) Benzo(a)pyrene	23.885	252	3995497	44.327	ng	99
91) Dibenzo(a,h)anthracene	26.556	278	4132022	40.996	ng	99
92) Benzo(g,h,i)perylene	27.320	276	3408354	38.262	ng	100

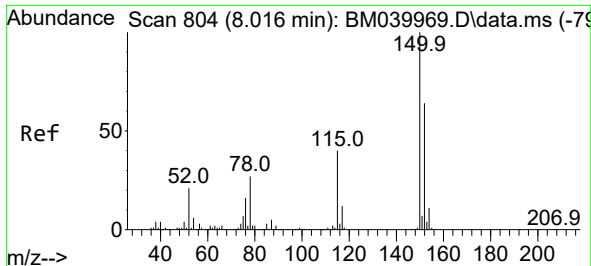
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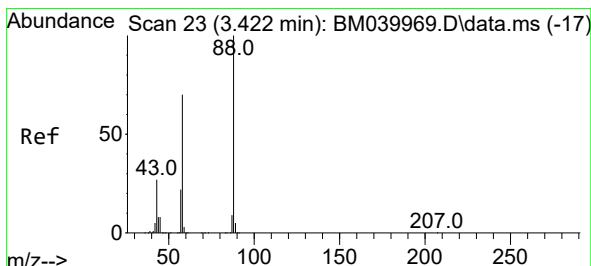
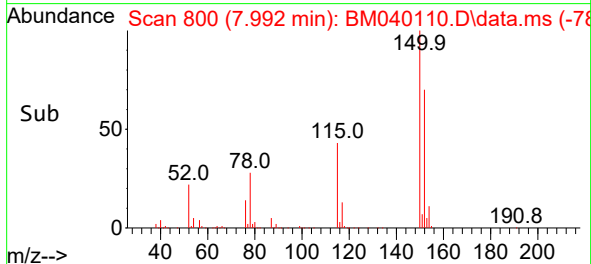
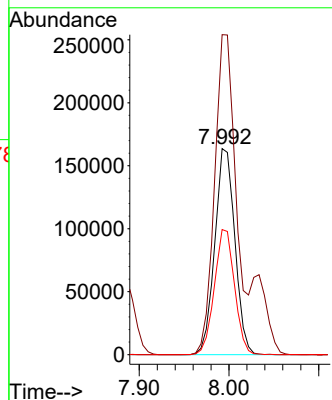
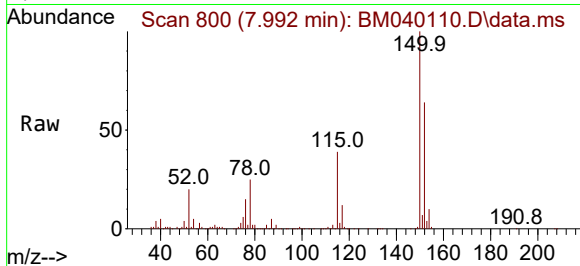




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 80
Delta R.T. -0.007 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

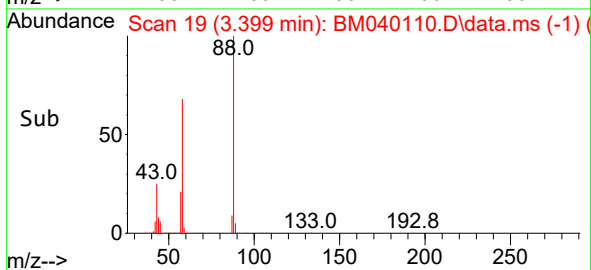
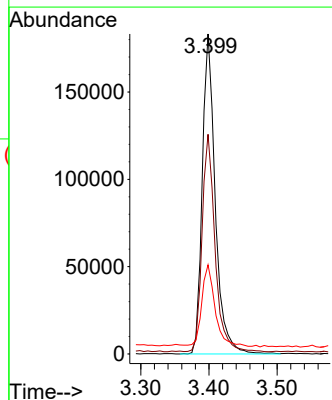
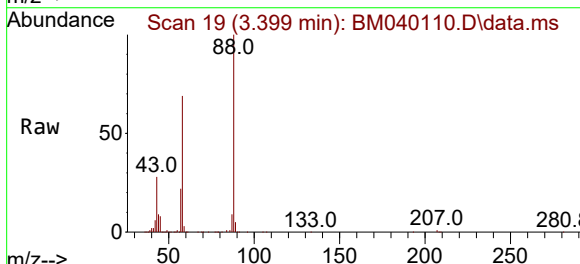
Instrument :
BNA_M
ClientSampleId :
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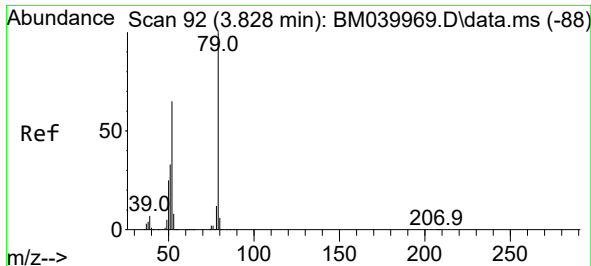
Tgt Ion:152 Resp: 254517
Ion Ratio Lower Upper
152 100
150 155.3 125.5 188.3
115 60.7 50.2 75.2



#2
1,4-Dioxane
Concen: 36.185 ng
RT: 3.399 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion: 88 Resp: 242468
Ion Ratio Lower Upper
88 100
58 67.9 56.1 84.1
43 25.9 22.0 33.0

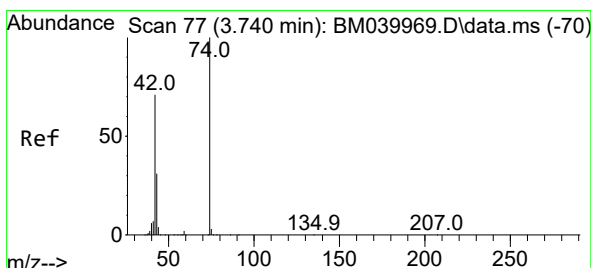
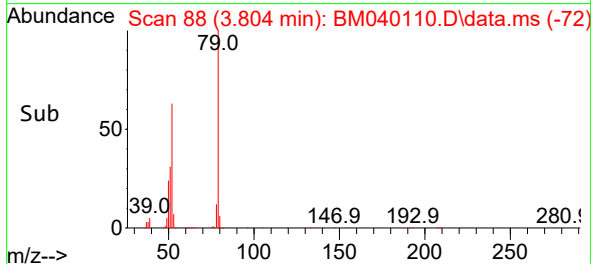
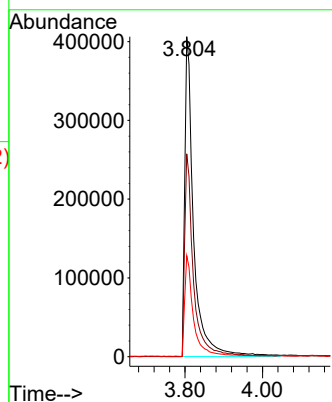
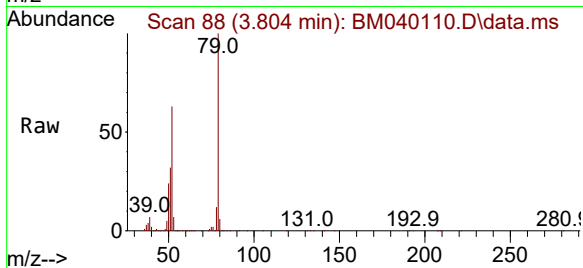




#3
 Pyridine
 Concen: 35.481 ng
 RT: 3.804 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM040110.D
 Acq: 06 Jun 2023 18:58

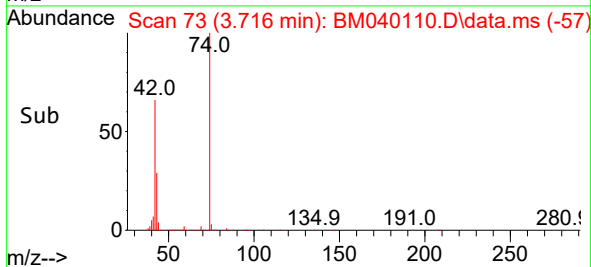
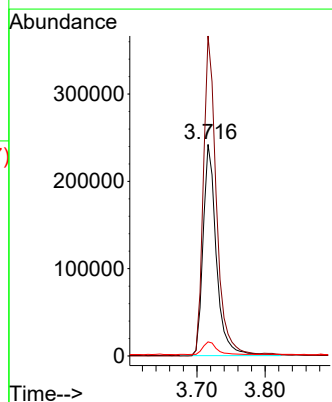
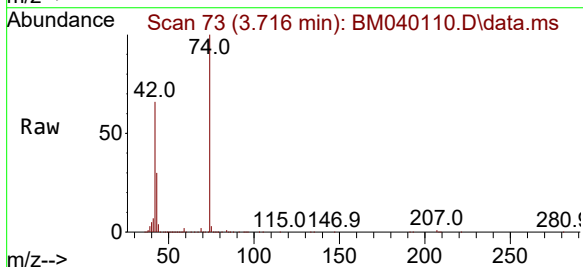
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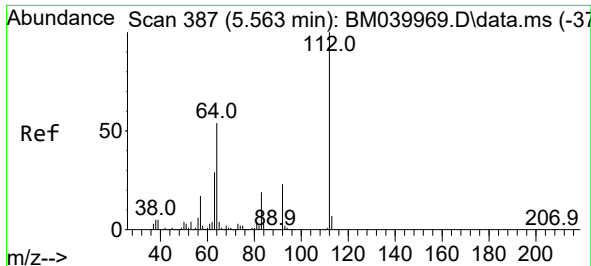
Tgt Ion: 79 Resp: 652759
 Ion Ratio Lower Upper
 79 100
 52 63.4 52.0 78.0
 51 31.6 26.5 39.7



#4
 n-Nitrosodimethylamine
 Concen: 41.853 ng
 RT: 3.716 min Scan# 73
 Delta R.T. -0.006 min
 Lab File: BM040110.D
 Acq: 06 Jun 2023 18:58

Tgt Ion: 42 Resp: 327112
 Ion Ratio Lower Upper
 42 100
 74 151.3 113.4 170.0
 44 6.6 5.4 8.2

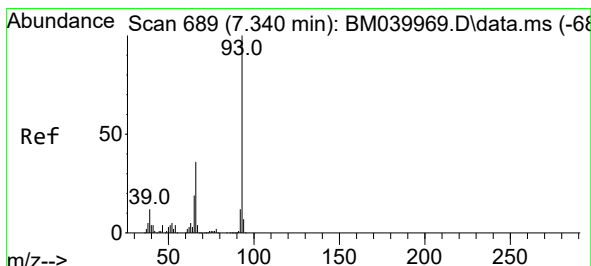
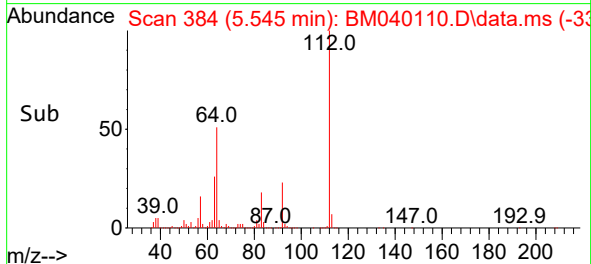
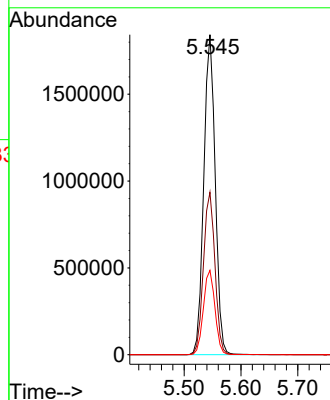
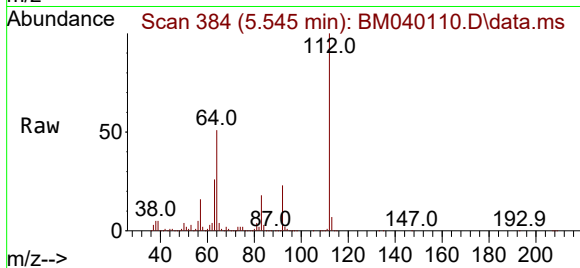




#5
2-Fluorophenol
Concen: 155.071 ng
RT: 5.545 min Scan# 387
Delta R.T. 0.005 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

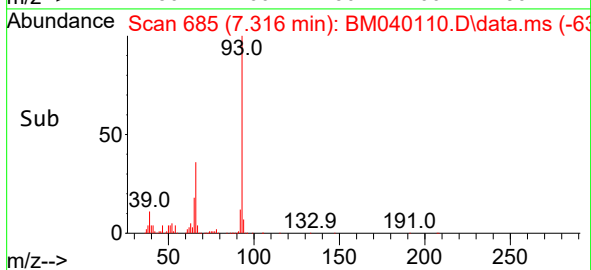
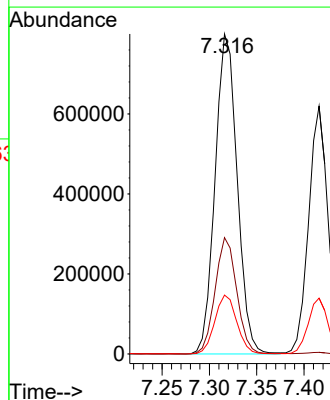
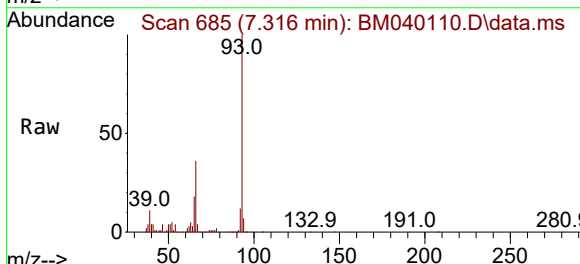
Instrument :
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ClientSampleId :
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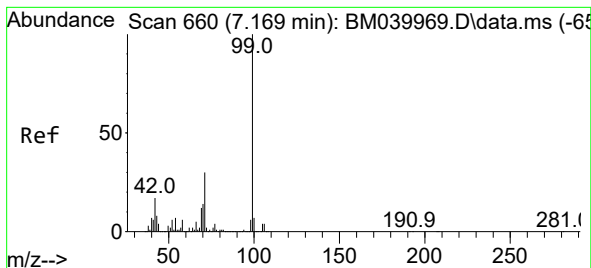
Tgt Ion:112 Resp: 2573010
Ion Ratio Lower Upper
112 100
64 50.7 43.0 64.4
63 26.4 22.9 34.3



#6
Aniline
Concen: 48.502 ng
RT: 7.316 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion: 93 Resp: 1298983
Ion Ratio Lower Upper
93 100
66 36.3 29.2 43.8
65 18.4 15.3 22.9





#7

Phenol-d6

Concen: 154.418 ng

RT: 7.157 min Scan# 61

Delta R.T. 0.005 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

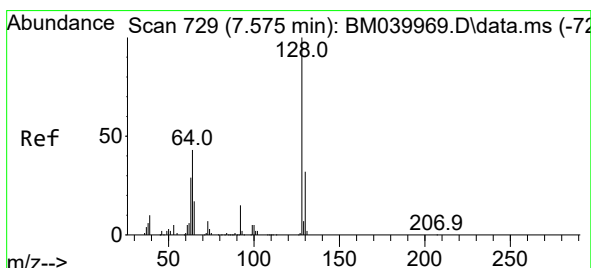
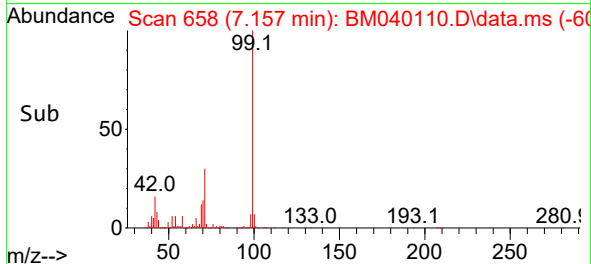
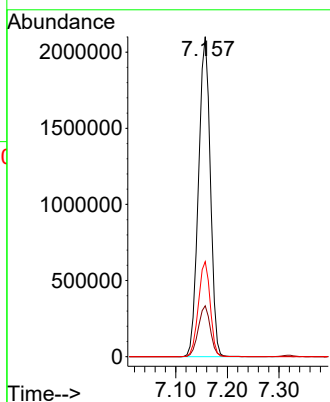
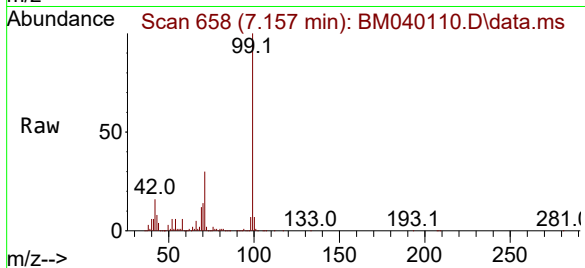
BNA_M

ClientSampleId :

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Tgt Ion: 99 Resp: 3342279

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.8	20.6
71	29.7	24.4	36.6



#8

2-Chlorophenol

Concen: 56.504 ng

RT: 7.557 min Scan# 726

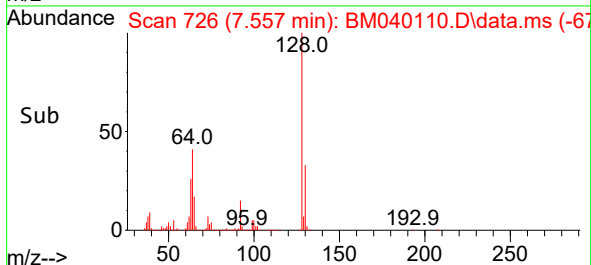
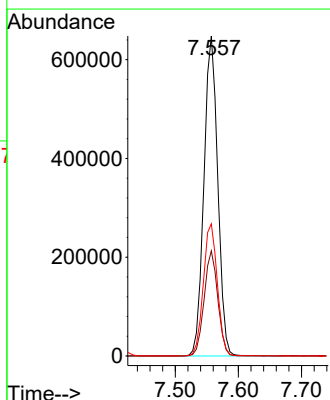
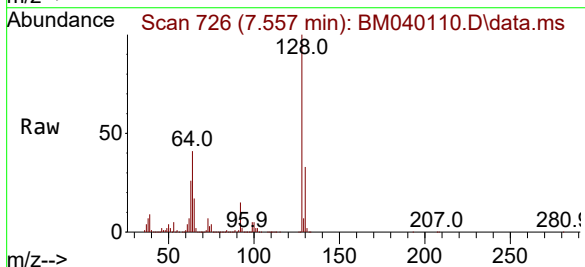
Delta R.T. -0.000 min

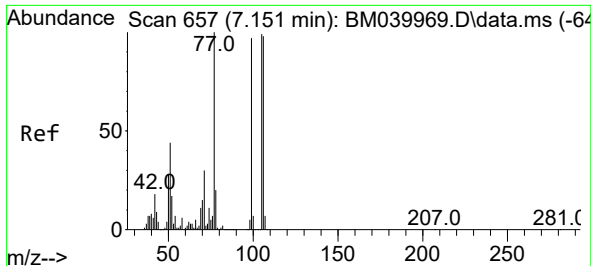
Lab File: BM040110.D

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Tgt Ion: 128 Resp: 986877

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.4	52.4
64	41.3	25.5	65.5

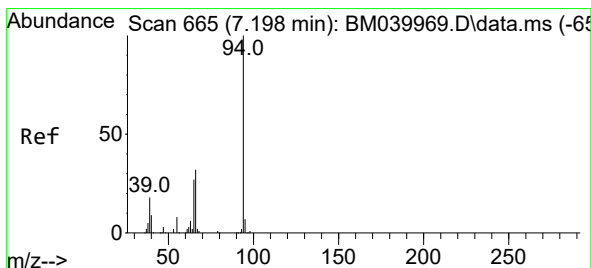
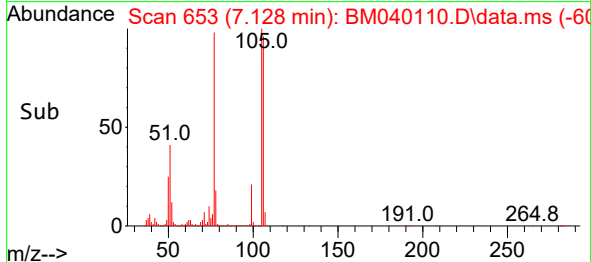
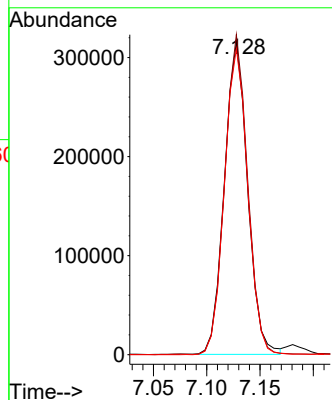
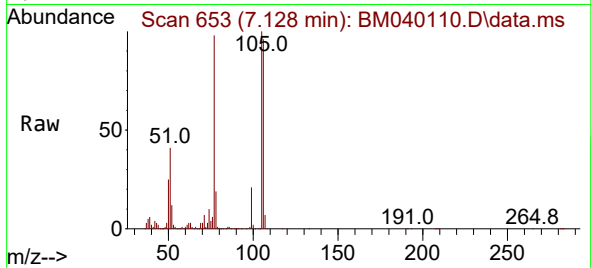




#9
Benzaldehyde
Concen: 45.719 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.000 min
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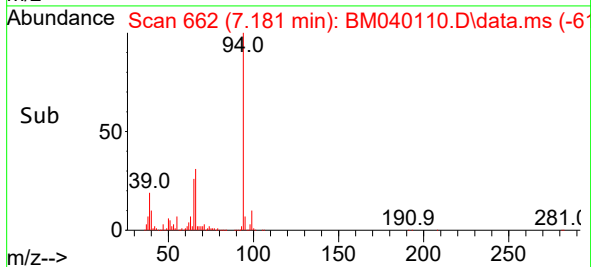
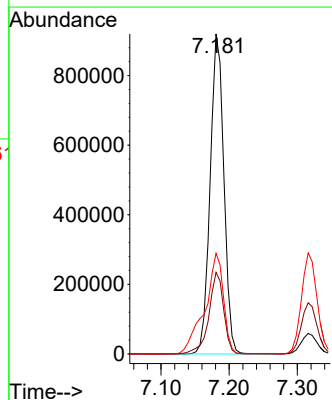
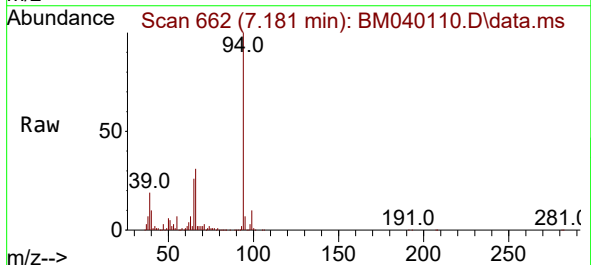
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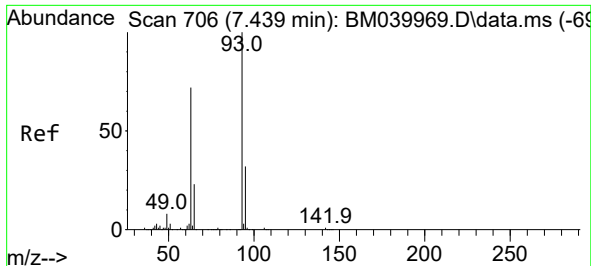
Tgt Ion: 77 Resp: 478369
Ion Ratio Lower Upper
77 100
105 102.3 79.2 119.2
106 97.8 77.6 117.6



#10
Phenol
Concen: 59.424 ng
RT: 7.181 min Scan# 662
Delta R.T. -0.000 min
Lab File: BM040110.D
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Tgt Ion: 94 Resp: 1289254
Ion Ratio Lower Upper
94 100
65 25.5 6.7 46.7
66 31.5 12.4 52.4

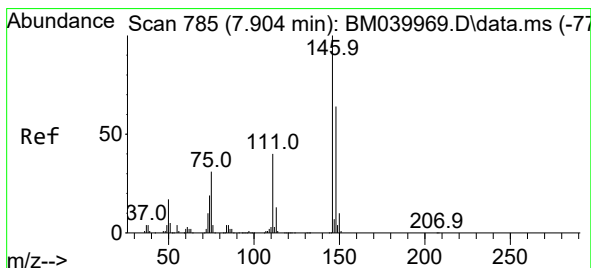
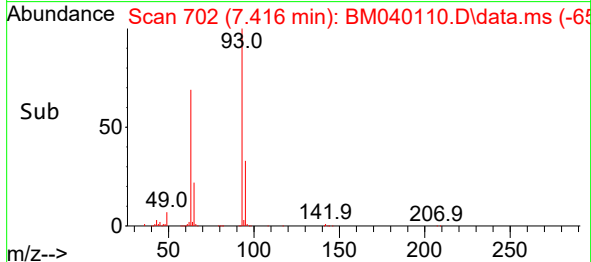
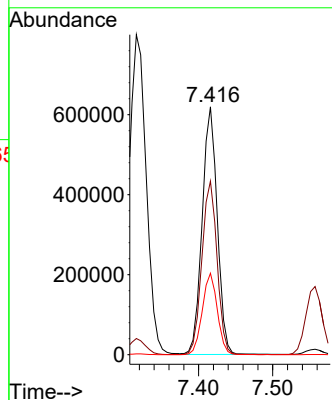
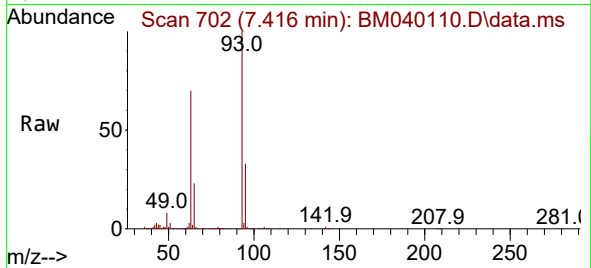




#11
bis(2-Chloroethyl)ether
Concen: 49.099 ng
RT: 7.416 min Scan# 706
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

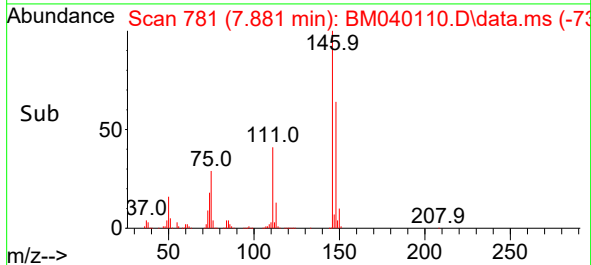
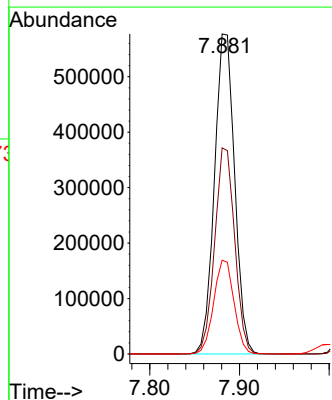
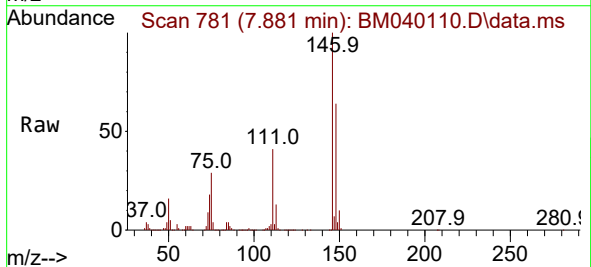
Instrument :
BNA_M
ClientSampleId :
PB153183BS

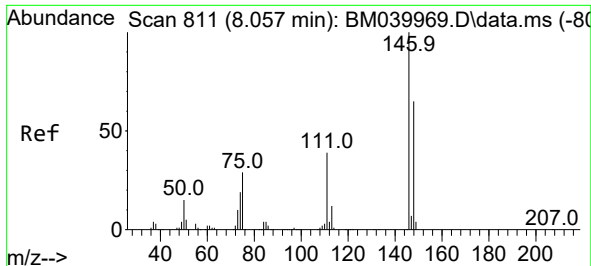
Tgt Ion: 93 Resp: 877392
Ion Ratio Lower Upper
93 100
63 70.0 52.0 92.0
95 32.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 48.791 ng
RT: 7.881 min Scan# 781
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion: 146 Resp: 902411
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
75 29.3 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 49.402 ng

RT: 8.034 min Scan# 80

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

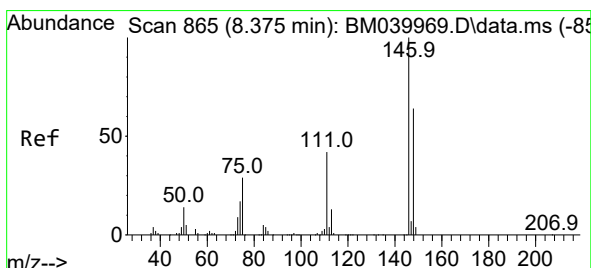
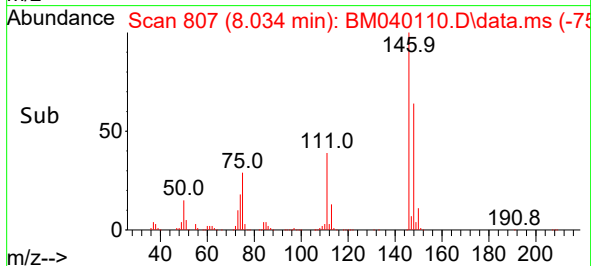
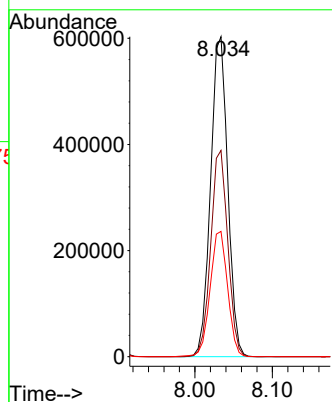
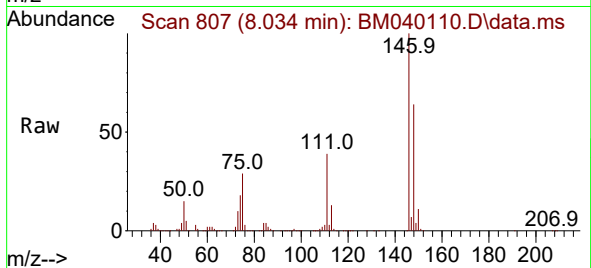
Tgt Ion:146 Resp: 929649

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

111 39.2 31.4 47.0



#14

1,2-Dichlorobenzene

Concen: 49.530 ng

RT: 8.351 min Scan# 861

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

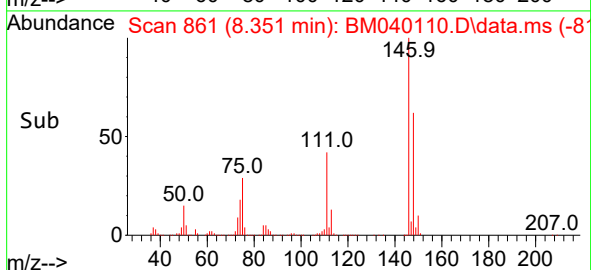
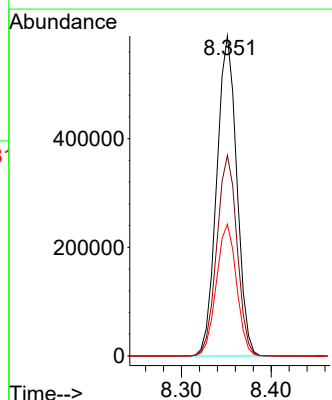
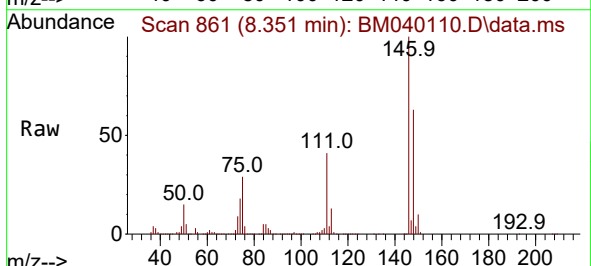
Tgt Ion:146 Resp: 913936

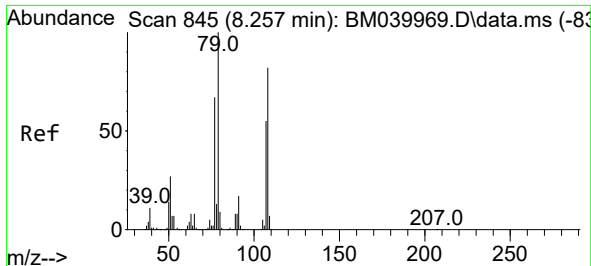
Ion Ratio Lower Upper

146 100

148 62.7 51.2 76.8

111 41.2 33.5 50.3

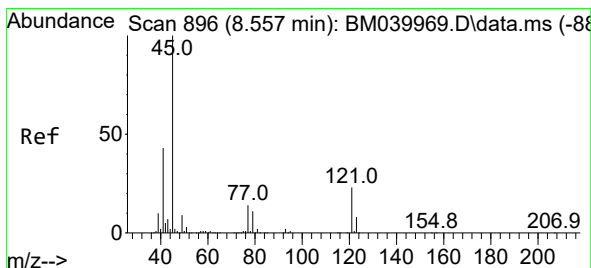
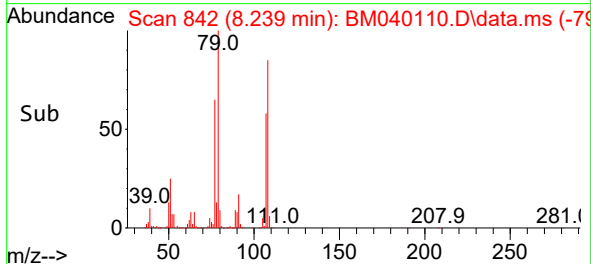
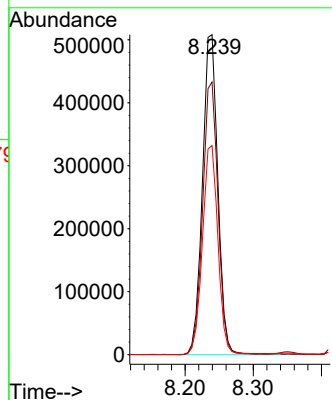
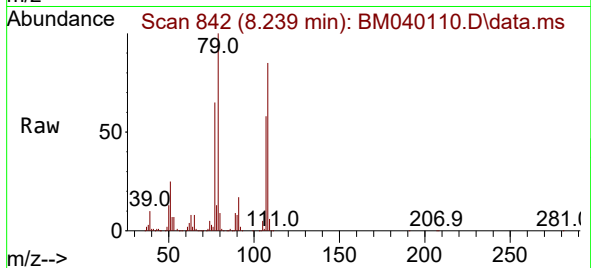




#15
Benzyl Alcohol
Concen: 57.268 ng
RT: 8.239 min Scan# 845
Delta R.T. 0.005 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

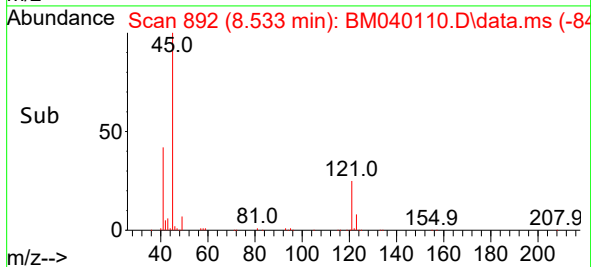
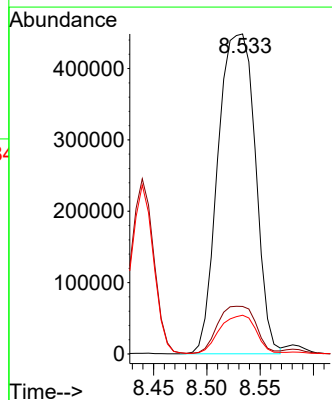
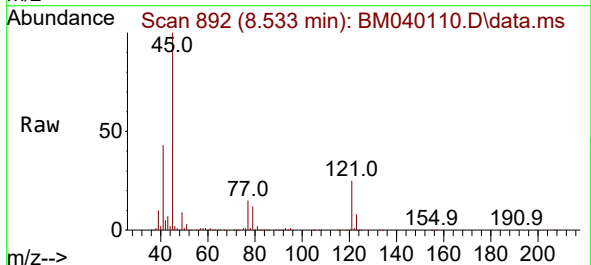
Instrument :
BNA_M
ClientSampleId :
PB153183BS

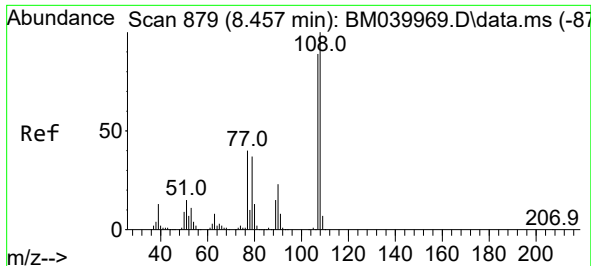
Tgt Ion: 79 Resp: 799011
Ion Ratio Lower Upper
79 100
108 85.2 65.4 98.2
77 65.4 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.632 ng
RT: 8.533 min Scan# 892
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion: 45 Resp: 1091880
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.7
79 12.1 0.0 31.3



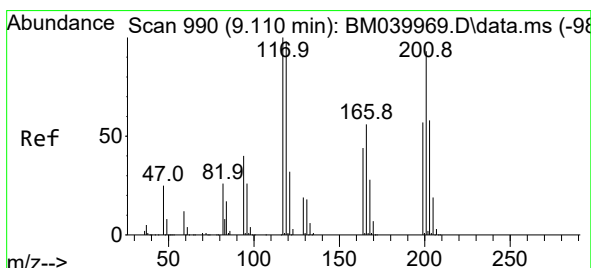
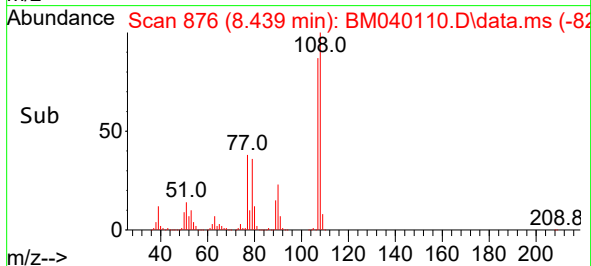
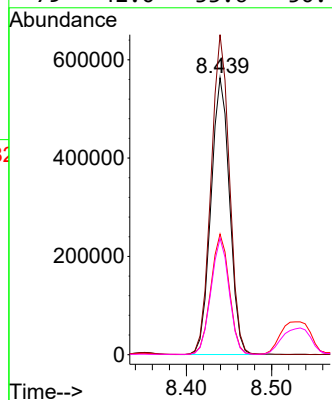
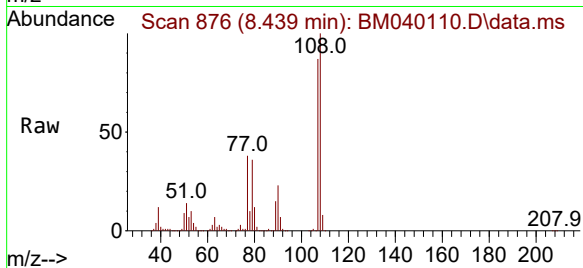


#17
2-Methylphenol
Concen: 54.978 ng
RT: 8.439 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Instrument :
BNA_M
ClientSampleId :
PB153183BS

Tgt Ion:107 Resp: 853391

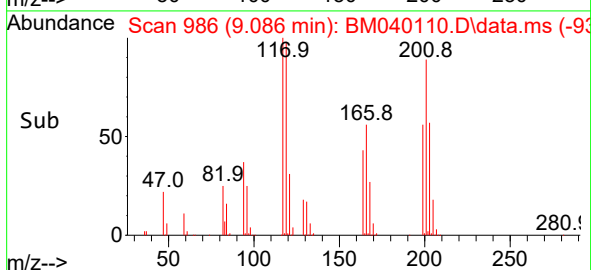
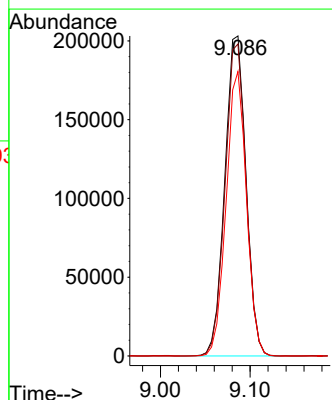
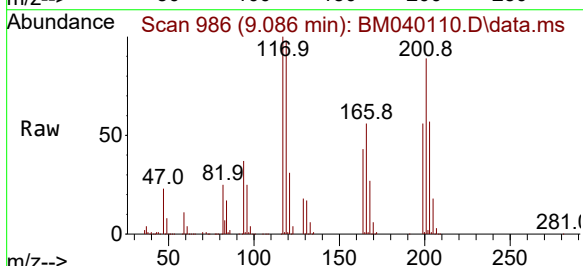
Ion	Ratio	Lower	Upper
107	100		
108	115.6	89.8	134.8
77	43.6	35.6	53.4
79	42.0	33.6	50.4

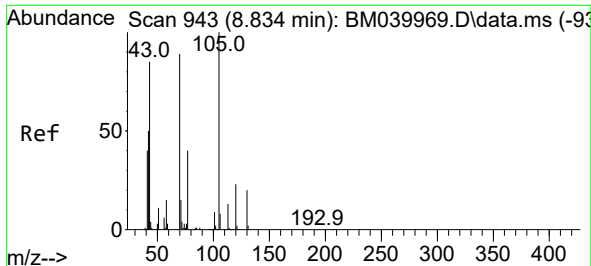


#18
Hexachloroethane
Concen: 48.993 ng
RT: 9.086 min Scan# 986
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion:117 Resp: 334241

Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.8	118.2
201	88.9	74.3	111.5

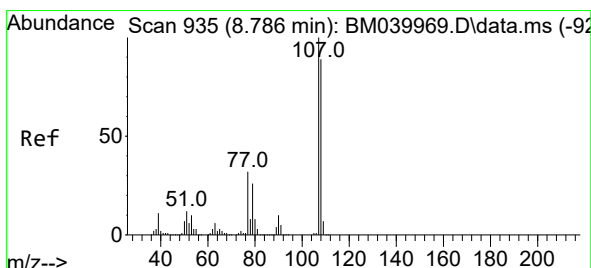
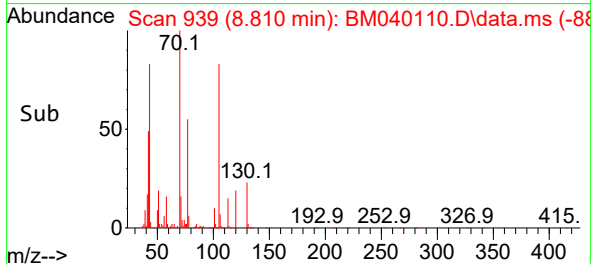
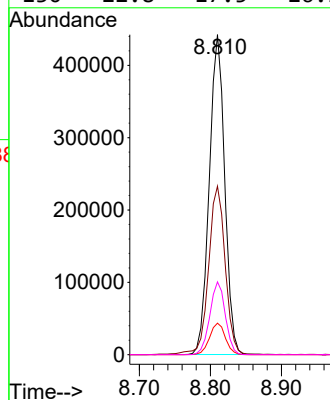
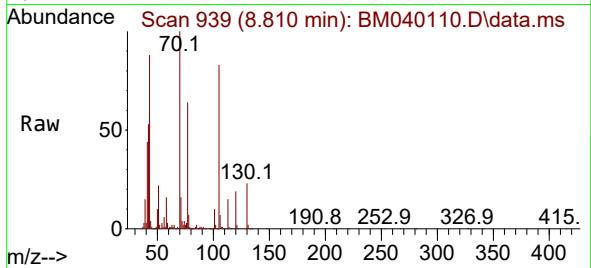




#19
n-Nitroso-di-n-propylamine
Concen: 53.309 ng
RT: 8.810 min Scan# 910
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

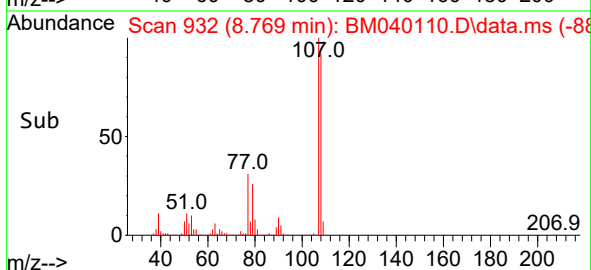
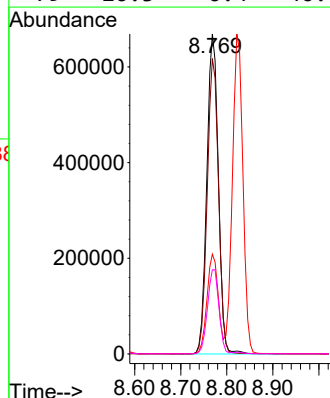
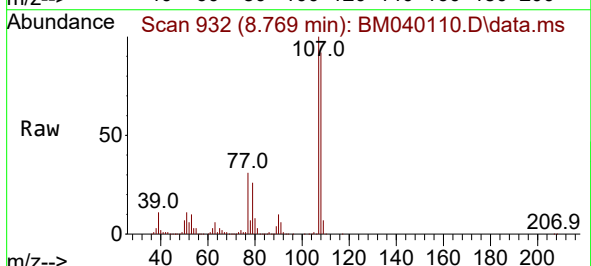
Instrument :
BNA_M
ClientSampleId :
PB153183BS

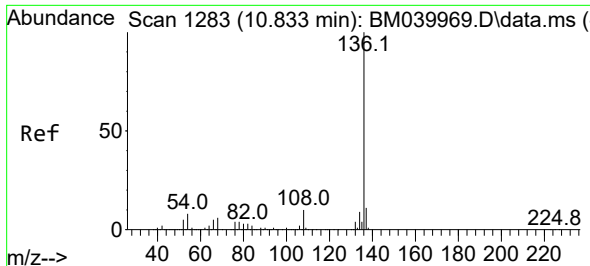
Tgt Ion: 70 Resp: 668297
Ion Ratio Lower Upper
70 100
42 52.7 45.6 68.4
101 9.8 7.7 11.5
130 22.8 17.5 26.3



#20
3+4-Methylphenols
Concen: 56.995 ng
RT: 8.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion: 107 Resp: 1167446
Ion Ratio Lower Upper
107 100
108 92.3 69.3 109.3
77 31.2 11.7 51.7
79 26.3 6.4 46.4

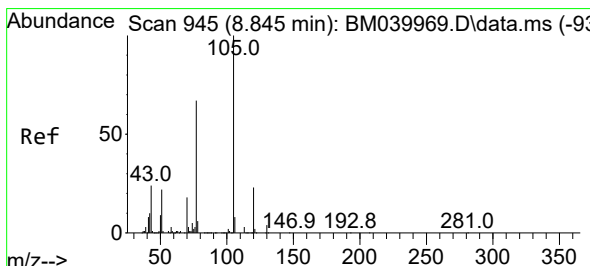
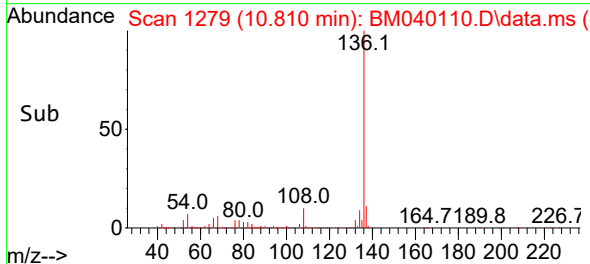
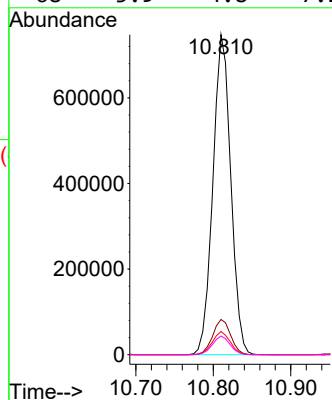
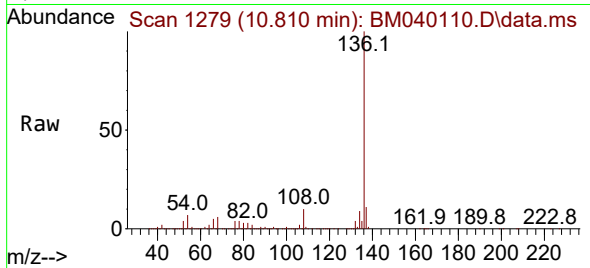




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1199892
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

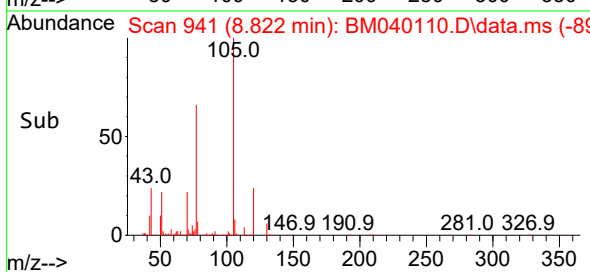
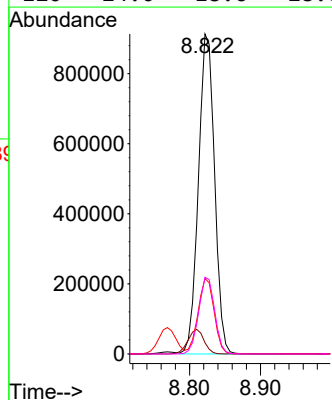
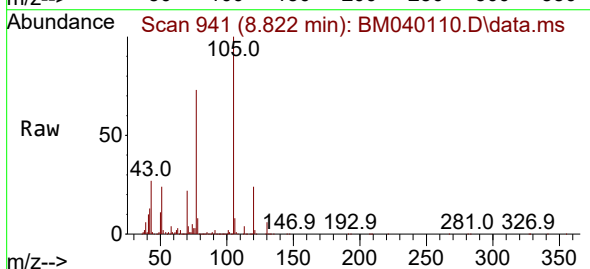
Instrument :
BNA_M
ClientSampleId :
PB153183BS

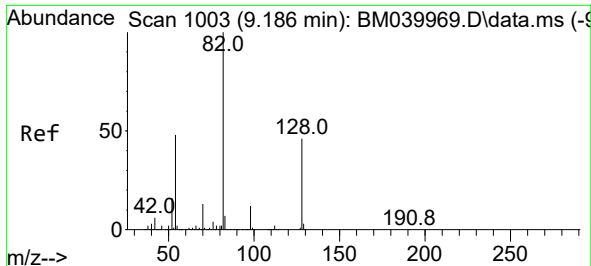
Tgt Ion:136 Resp: 1199892
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.3 6.1 9.1
68 5.9 4.8 7.2



#22
Acetophenone
Concen: 44.659 ng
RT: 8.822 min Scan# 941
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion:105 Resp: 1446350
Ion Ratio Lower Upper
105 100
71 3.5 2.2 3.4#
51 23.6 19.8 29.8
120 24.0 18.6 28.0

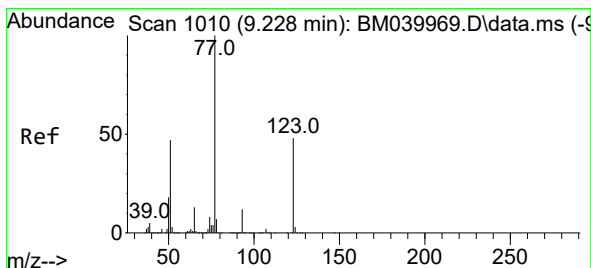
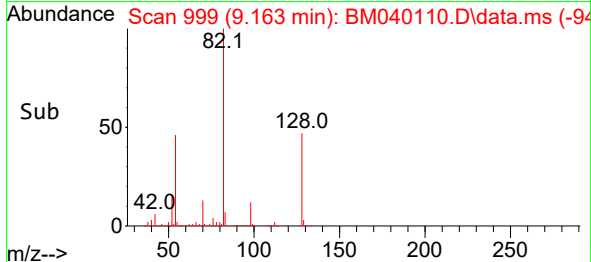
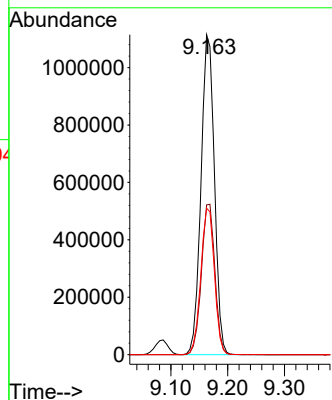
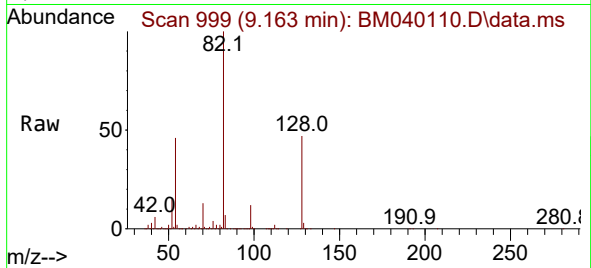




#23
Nitrobenzene-d5
Concen: 82.188 ng
RT: 9.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

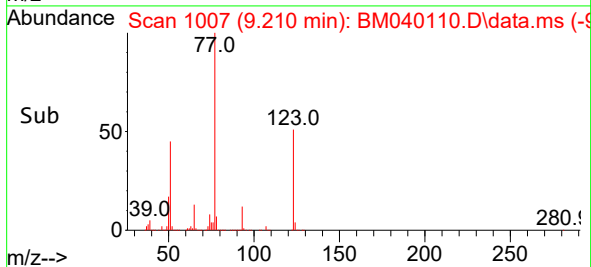
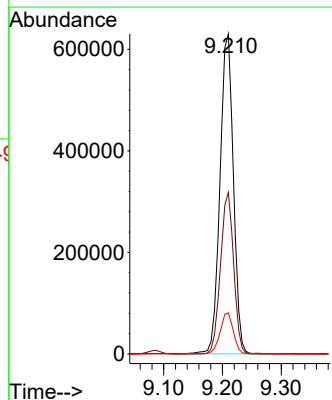
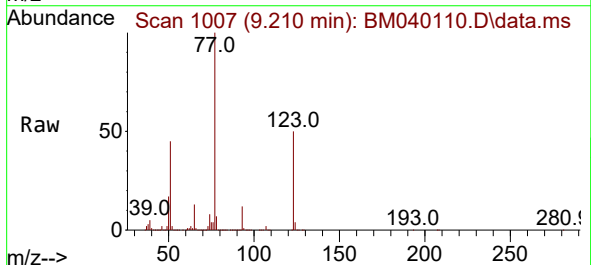
Instrument :
BNA_M
ClientSampleId :
PB153183BS

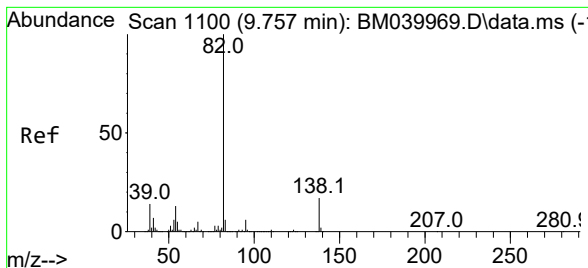
Tgt Ion: 82 Resp: 1827577
Ion Ratio Lower Upper
82 100
128 46.8 36.5 54.7
54 45.7 38.3 57.5



#24
Nitrobenzene
Concen: 44.260 ng
RT: 9.210 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion: 77 Resp: 998322
Ion Ratio Lower Upper
77 100
123 50.5 38.1 57.1
65 12.8 10.1 15.1





#25

Isophorone

Concen: 47.369 ng

RT: 9.733 min Scan# 1100

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

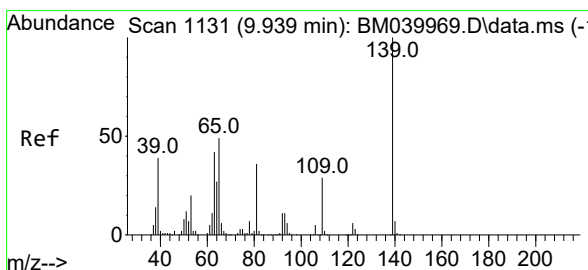
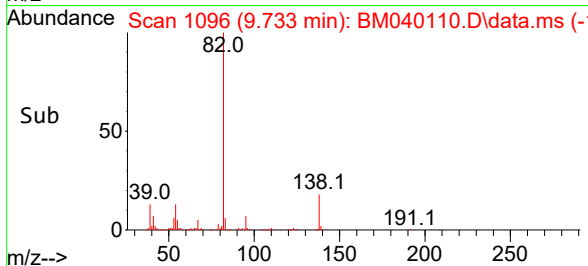
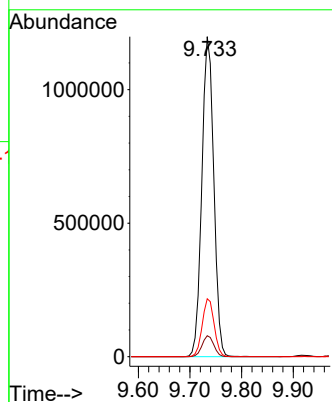
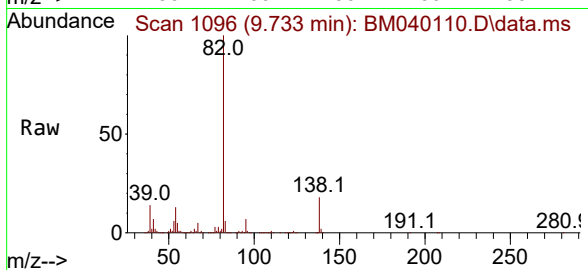
Tgt Ion: 82 Resp: 1920912

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 18.1 13.8 20.8



#26

2-Nitrophenol

Concen: 59.390 ng

RT: 9.922 min Scan# 1128

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

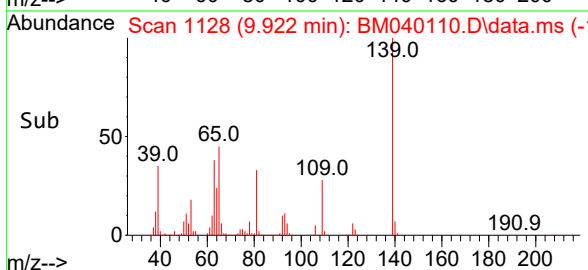
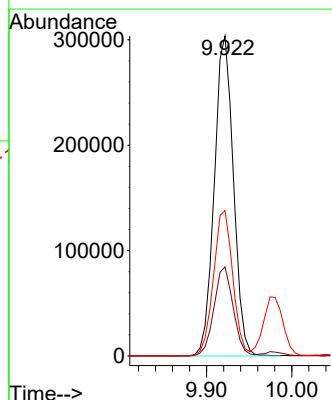
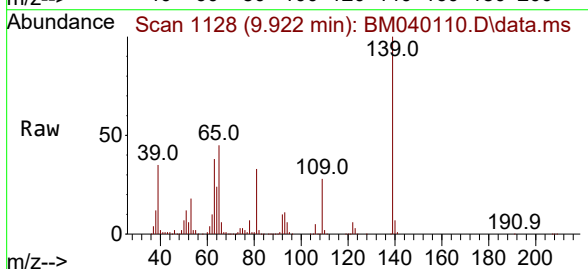
Tgt Ion: 139 Resp: 474020

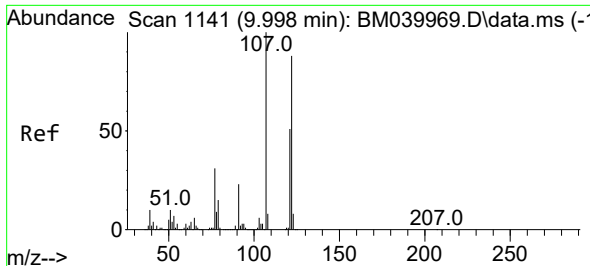
Ion Ratio Lower Upper

139 100

109 27.9 23.4 35.2

65 45.4 39.4 59.2

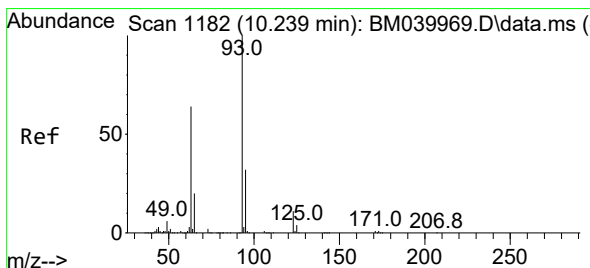
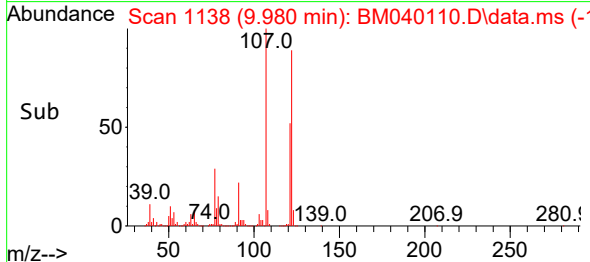
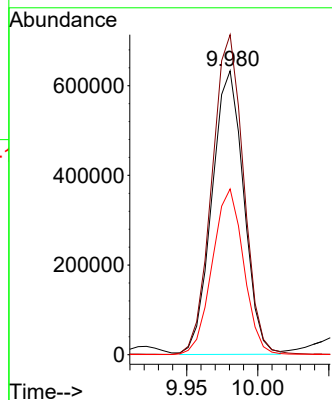
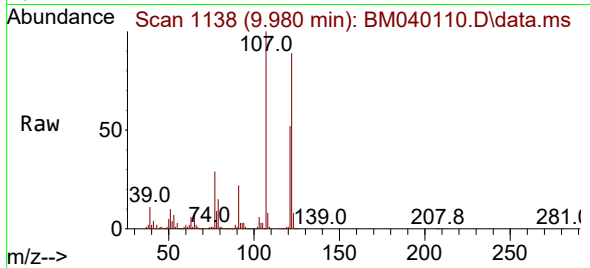




#27
2,4-Dimethylphenol
Concen: 54.132 ng
RT: 9.980 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

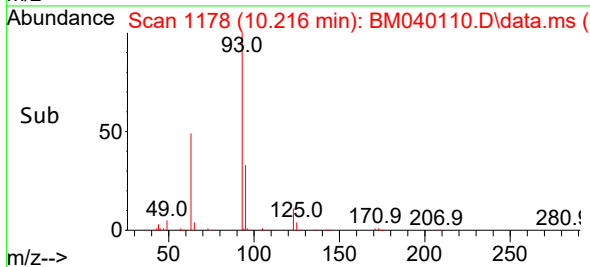
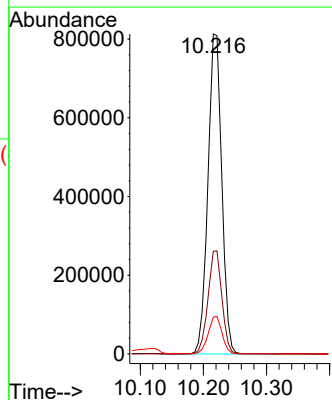
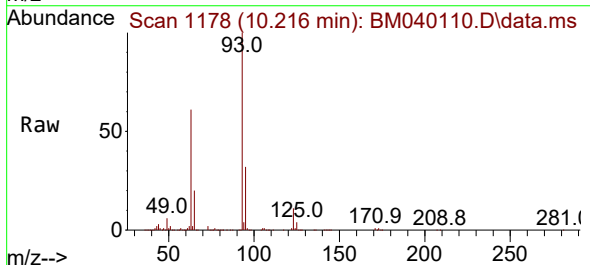
Instrument :
BNA_M
ClientSampleId :
PB153183BS

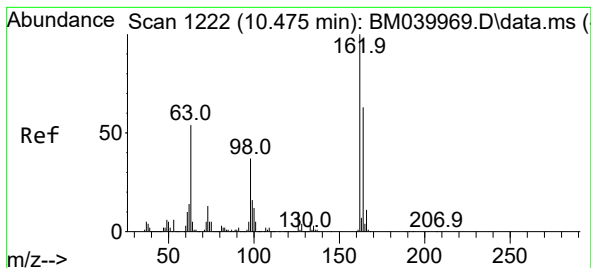
Tgt Ion:122 Resp: 984070
Ion Ratio Lower Upper
122 100
107 112.8 91.0 136.4
121 58.4 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 46.613 ng
RT: 10.216 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion: 93 Resp: 1239303
Ion Ratio Lower Upper
93 100
95 32.1 25.7 38.5
123 11.5 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 52.694 ng

RT: 10.457 min Scan# 1

Delta R.T. 0.005 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

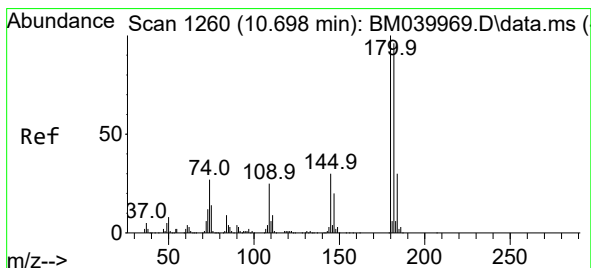
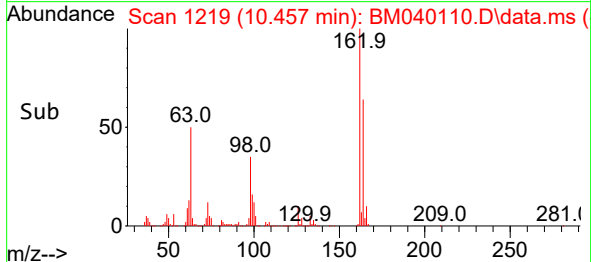
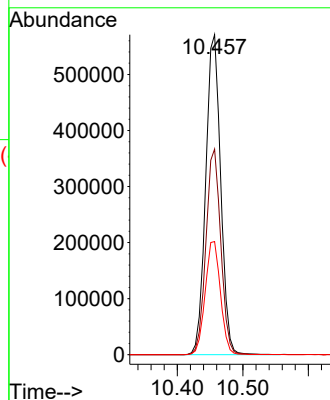
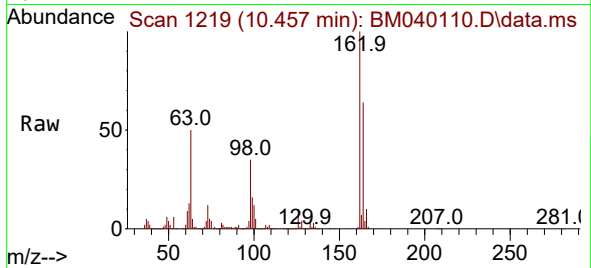
Tgt Ion:162 Resp: 907575

Ion Ratio Lower Upper

162 100

164 64.2 43.3 83.3

98 35.4 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 43.309 ng

RT: 10.675 min Scan# 1256

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

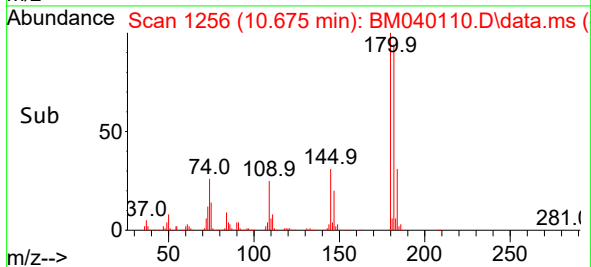
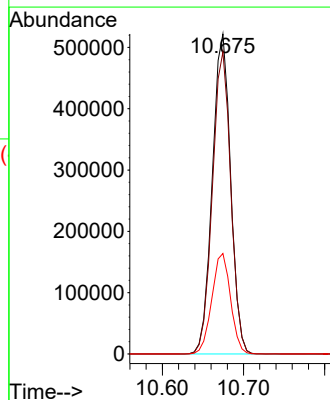
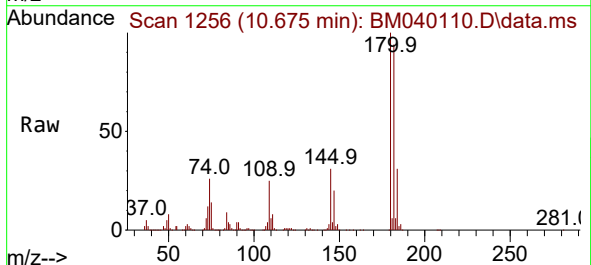
Tgt Ion:180 Resp: 816633

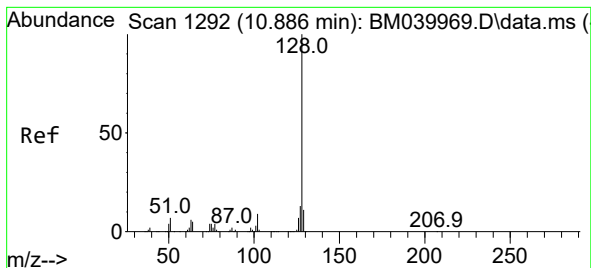
Ion Ratio Lower Upper

180 100

182 94.4 76.9 115.3

145 31.4 24.1 36.1

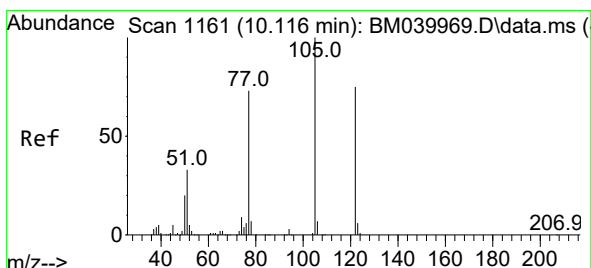
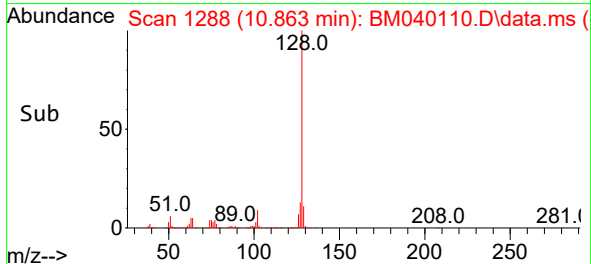
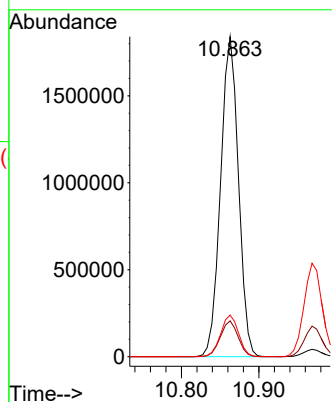
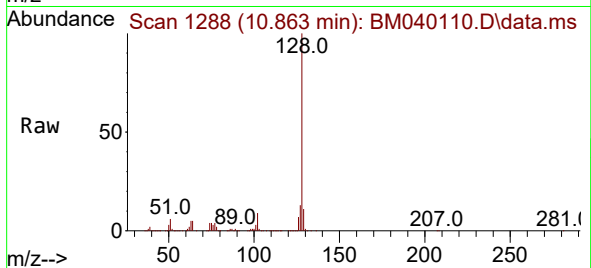




#31
Naphthalene
Concen: 44.463 ng
RT: 10.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

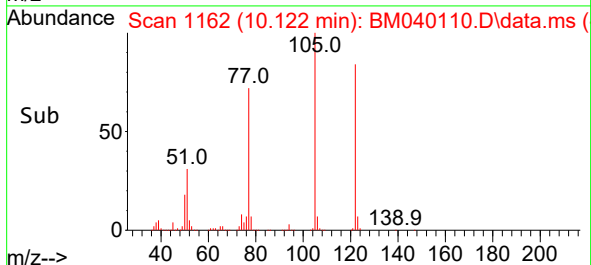
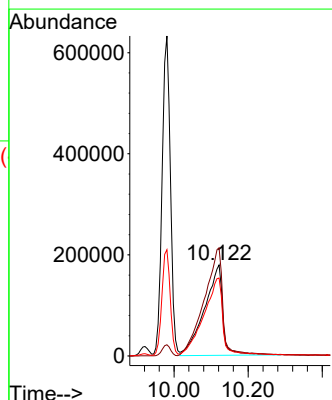
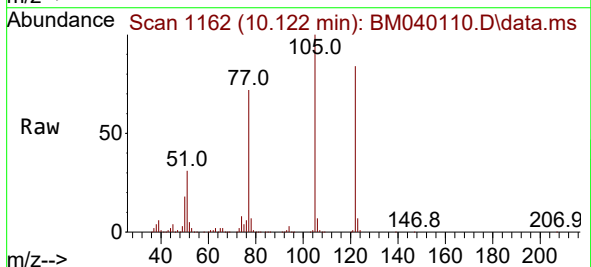
Instrument :
BNA_M
ClientSampleId :
PB153183BS

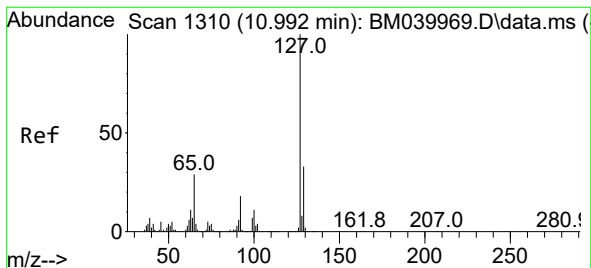
Tgt Ion:128 Resp: 2943635
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 49.894 ng
RT: 10.122 min Scan# 1162
Delta R.T. 0.005 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion:122 Resp: 615757
Ion Ratio Lower Upper
122 100
105 118.8 106.0 146.0
77 85.6 74.7 114.7





#33

4-Chloroaniline

Concen: 31.521 ng

RT: 10.969 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

Tgt Ion:127 Resp: 879378

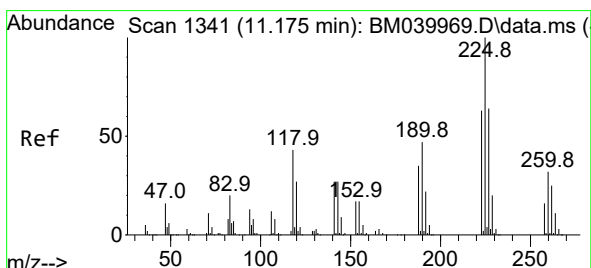
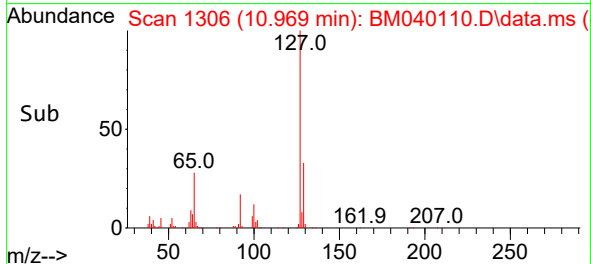
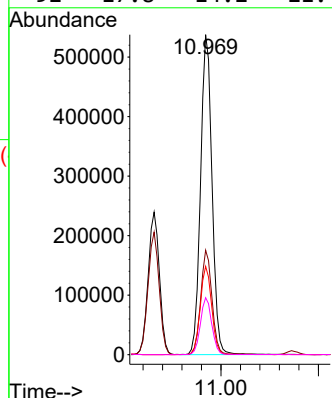
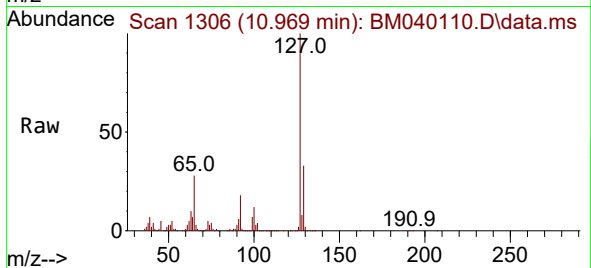
Ion Ratio Lower Upper

127 100

129 32.6 26.2 39.2

65 27.6 23.1 34.7

92 17.8 14.2 21.4



#34

Hexachlorobutadiene

Concen: 38.944 ng

RT: 11.151 min Scan# 1337

Delta R.T. 0.005 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

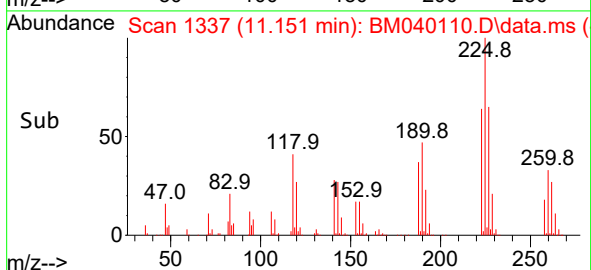
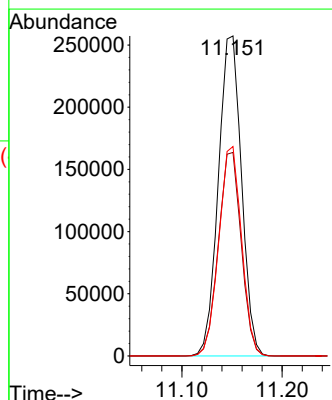
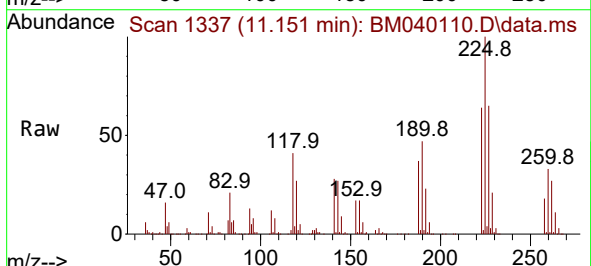
Tgt Ion:225 Resp: 412175

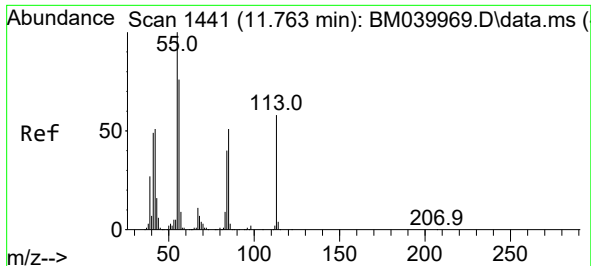
Ion Ratio Lower Upper

225 100

223 63.6 50.3 75.5

227 65.4 51.0 76.4

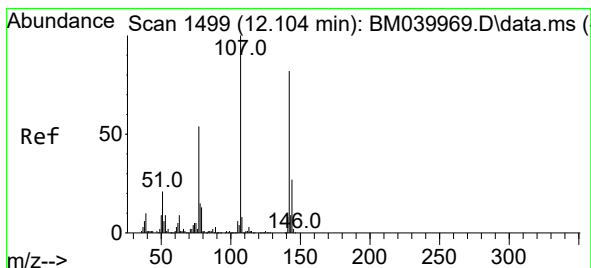
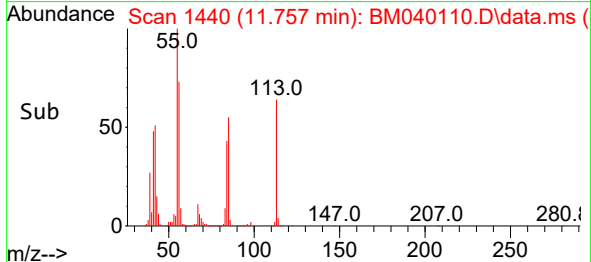
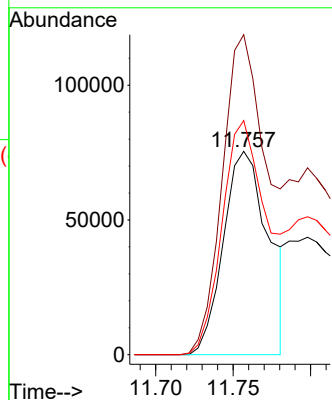
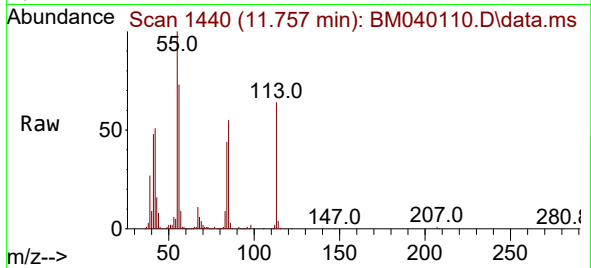




#35
 Caprolactam
 Concen: 31.352 ng
 RT: 11.757 min Scan# 1440
 Delta R.T. -0.000 min
 Lab File: BM040110.D
 Acq: 06 Jun 2023 18:58

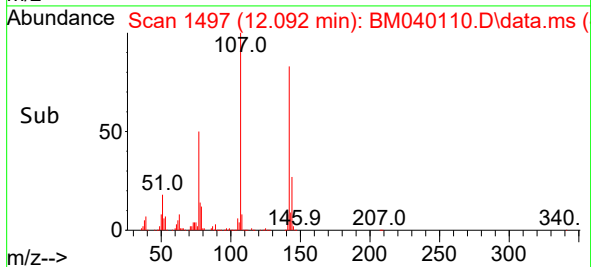
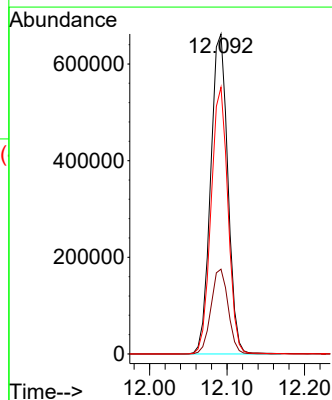
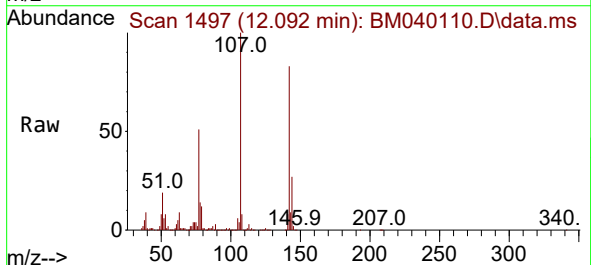
Instrument :
 BNA_M
 ClientSampleId :
 PB153183BS

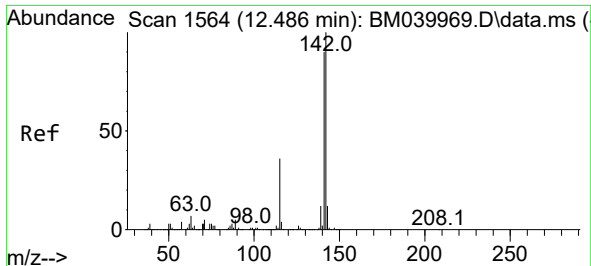
Tgt Ion:113 Resp: 152483
 Ion Ratio Lower Upper
 113 100
 55 157.4 152.5 192.5
 56 115.1 111.2 151.2



#36
 4-Chloro-3-methylphenol
 Concen: 57.303 ng
 RT: 12.092 min Scan# 1497
 Delta R.T. 0.005 min
 Lab File: BM040110.D
 Acq: 06 Jun 2023 18:58

Tgt Ion:107 Resp: 1020141
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.4 32.2
 142 83.3 65.8 98.6





#37

2-Methylnaphthalene

Concen: 45.937 ng

RT: 12.469 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

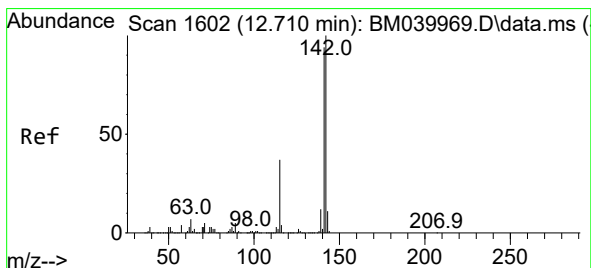
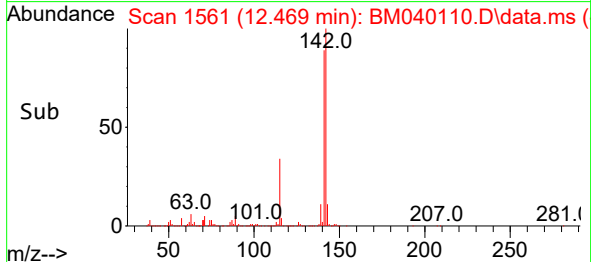
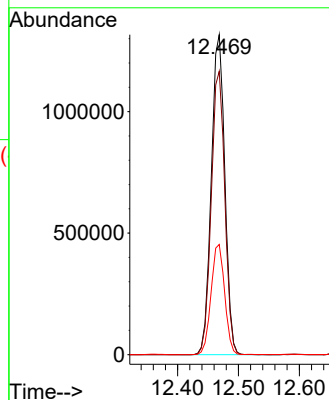
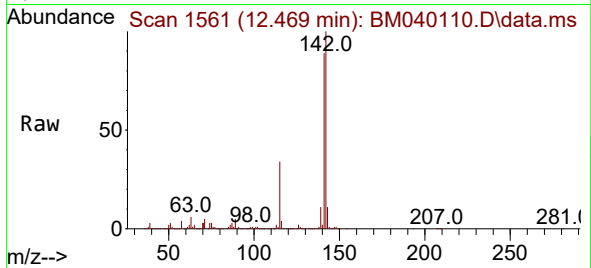
Tgt Ion:142 Resp: 2027121

Ion Ratio Lower Upper

142 100

141 88.6 71.6 107.4

115 34.5 28.8 43.2



#38

1-Methylnaphthalene

Concen: 46.551 ng

RT: 12.686 min Scan# 1598

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

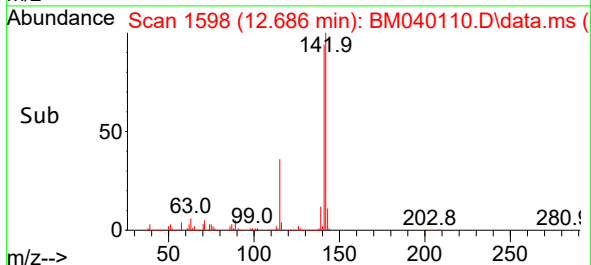
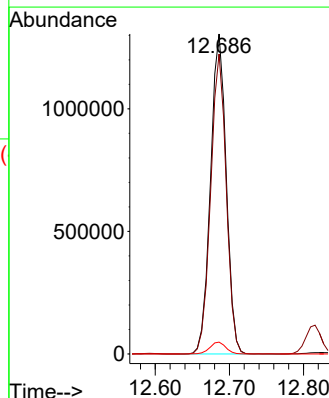
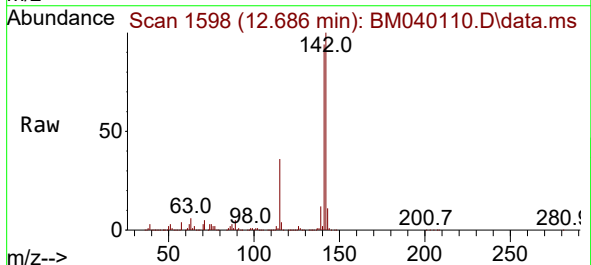
Tgt Ion:142 Resp: 1922939

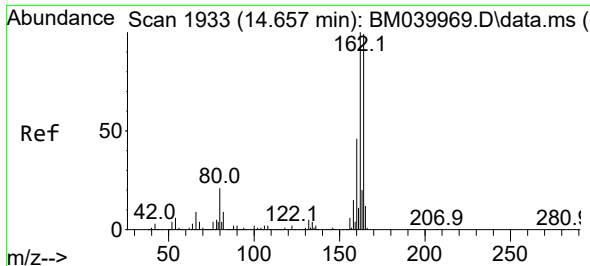
Ion Ratio Lower Upper

142 100

141 93.8 75.1 112.7

116 3.7 3.2 4.8

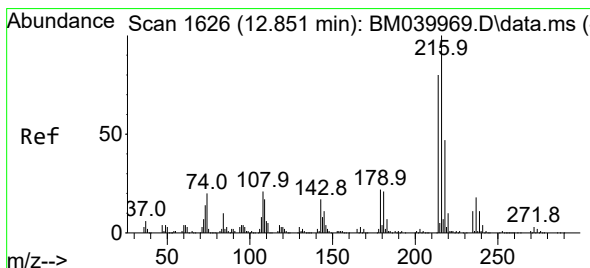
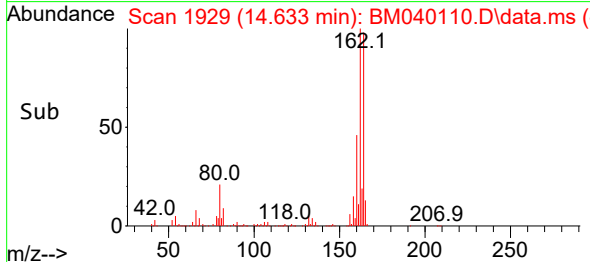
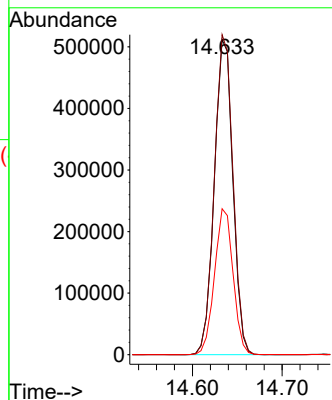
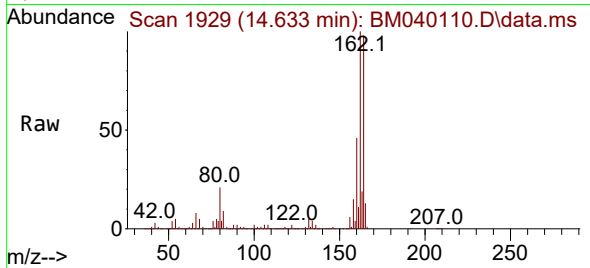




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

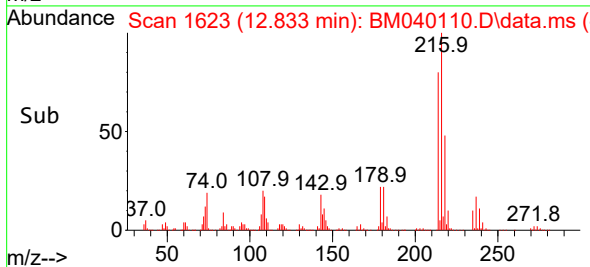
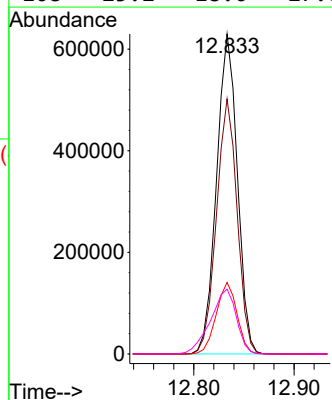
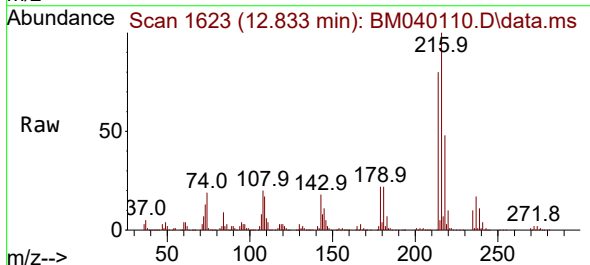
Instrument :
BNA_M
ClientSampleId :
PB153183BS

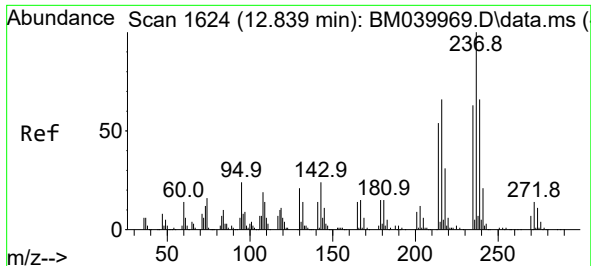
Tgt Ion:164 Resp: 734132
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 46.3 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.043 ng
RT: 12.833 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion:216 Resp: 906554
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.6
179 22.4 17.4 26.2
108 25.2 18.0 27.0

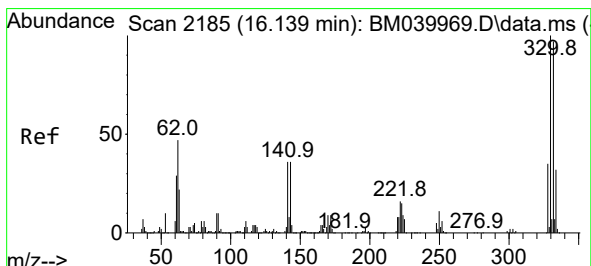
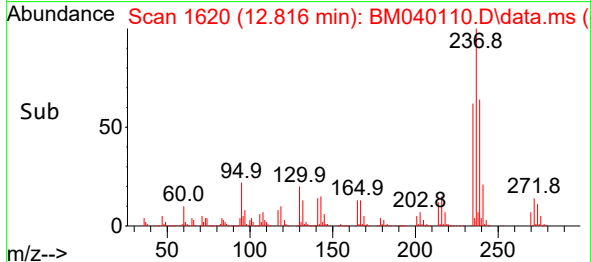
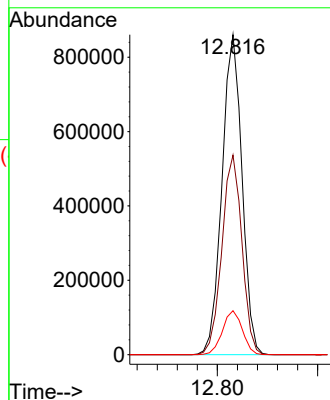
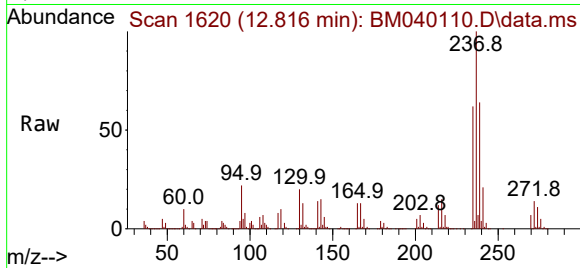




#41
Hexachlorocyclopentadiene
Concen: 99.068 ng
RT: 12.816 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

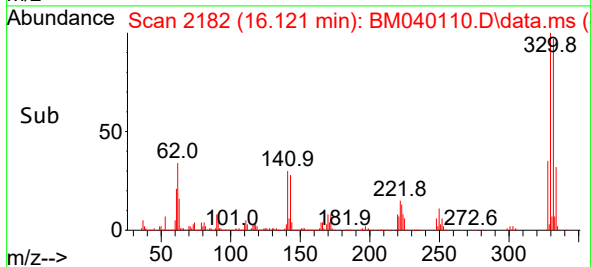
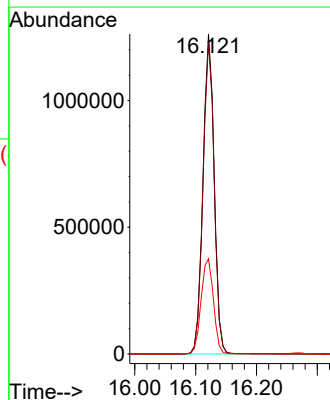
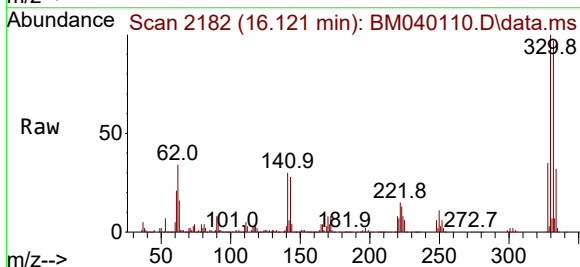
Instrument :
BNA_M
ClientSampleId :
PB153183BS

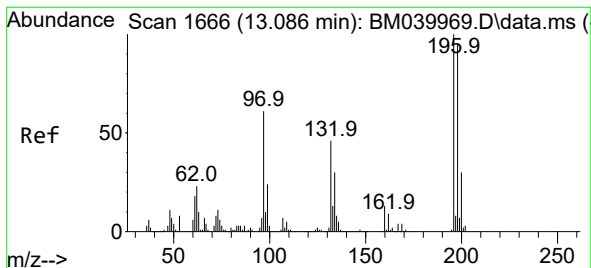
Tgt Ion:237 Resp: 1189976
Ion Ratio Lower Upper
237 100
235 62.3 43.2 83.2
272 13.8 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 168.667 ng
RT: 16.121 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion:330 Resp: 1607136
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 32.8 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 47.054 ng

RT: 13.068 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

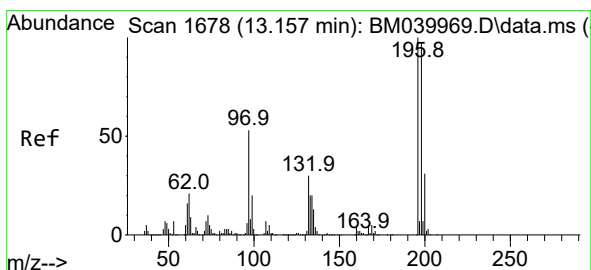
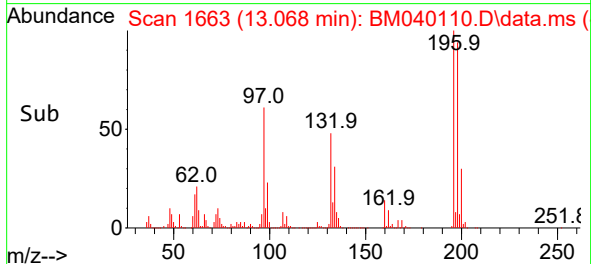
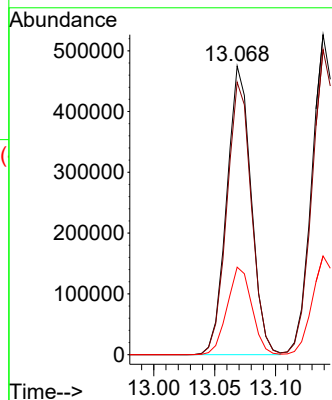
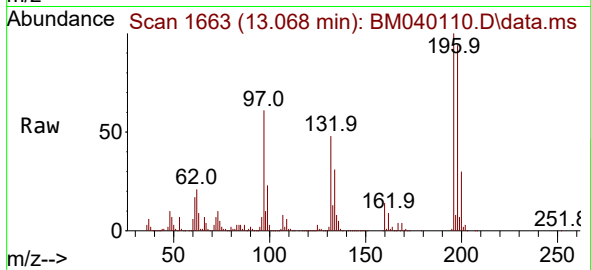
Tgt Ion:196 Resp: 663152

Ion Ratio Lower Upper

196 100

198 94.4 75.7 113.5

200 30.3 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 44.195 ng

RT: 13.139 min Scan# 1675

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Tgt Ion:196 Resp: 741367

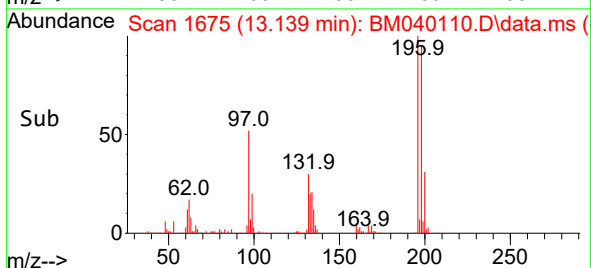
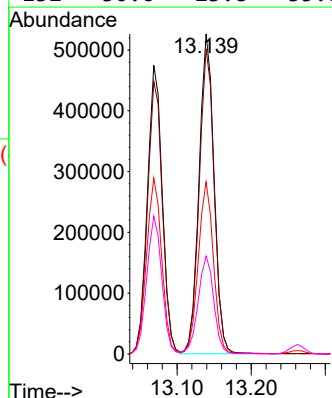
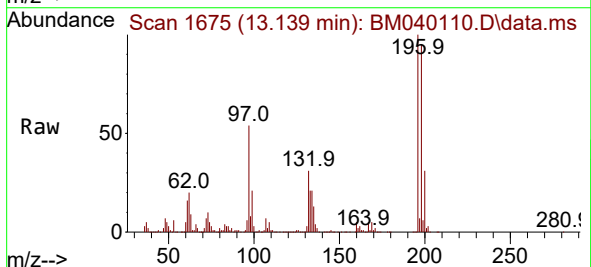
Ion Ratio Lower Upper

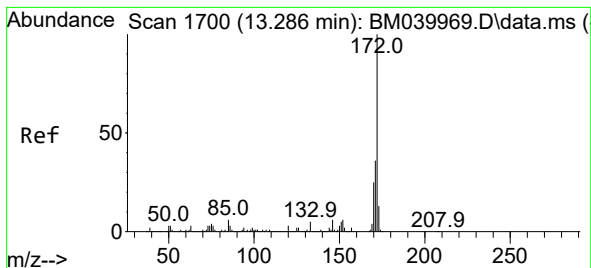
196 100

198 95.4 77.2 115.8

97 53.7 42.2 63.2

132 30.6 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 74.809 ng

RT: 13.263 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

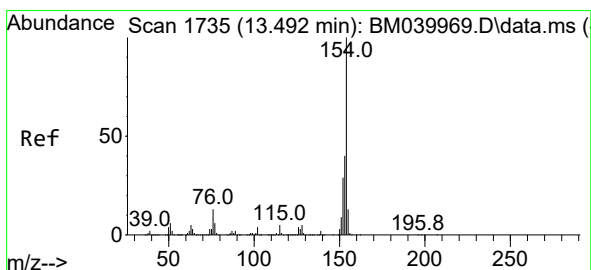
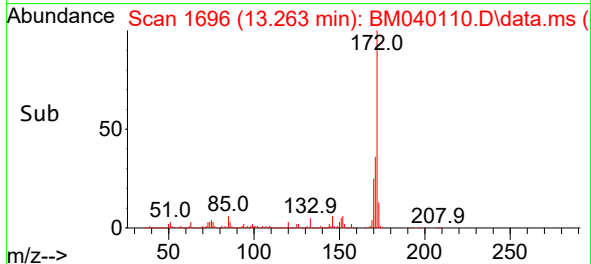
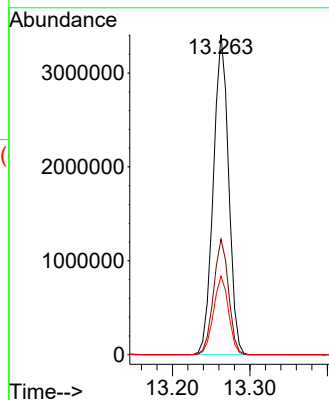
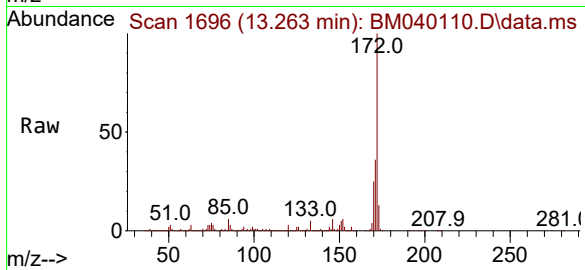
Tgt Ion:172 Resp: 4656233

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.5 19.6 29.4



#46

1,1'-Biphenyl

Concen: 44.015 ng

RT: 13.474 min Scan# 1732

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

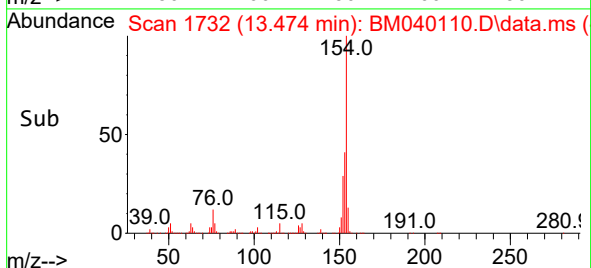
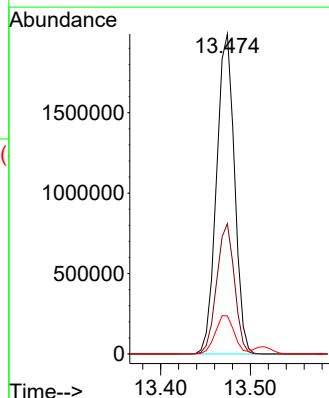
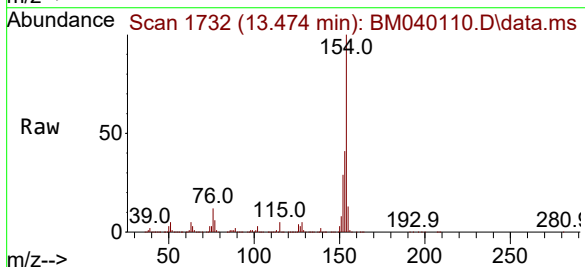
Tgt Ion:154 Resp: 2766467

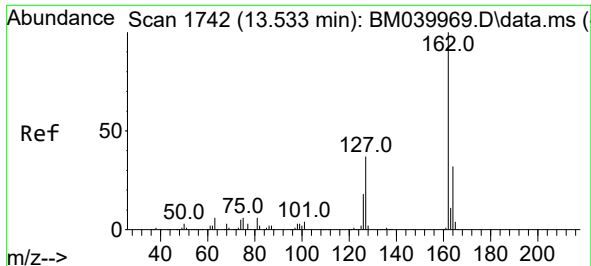
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 11.9 0.0 33.1

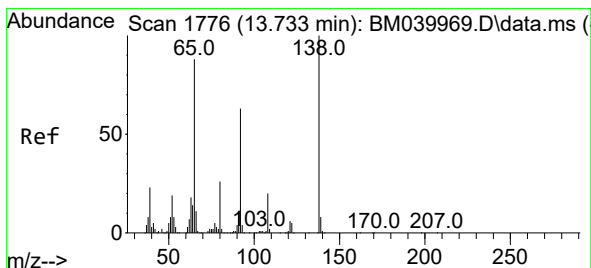
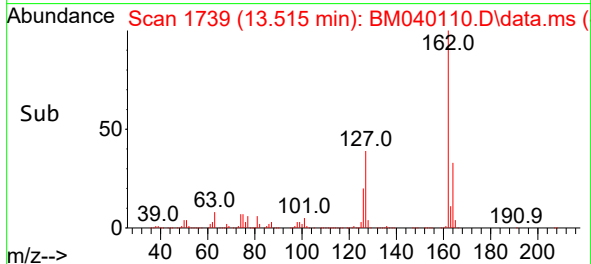
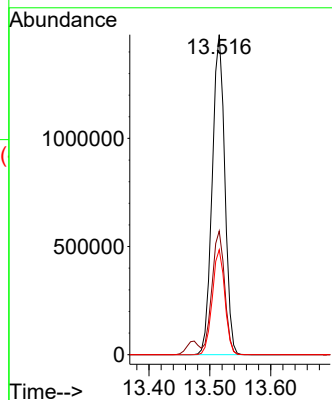
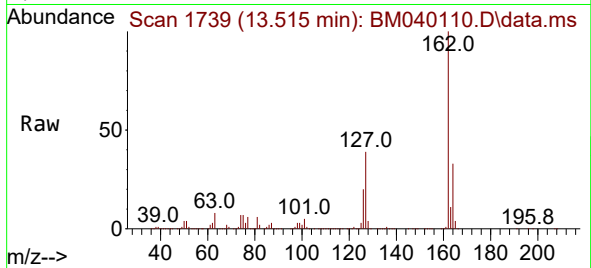




#47
2-Chloronaphthalene
Concen: 45.308 ng
RT: 13.515 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

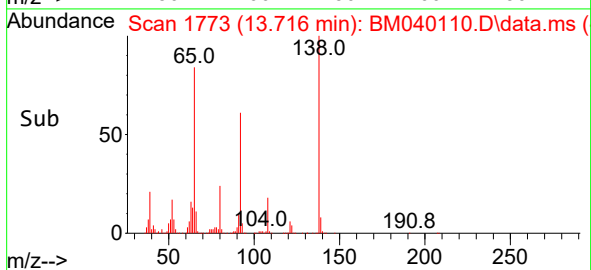
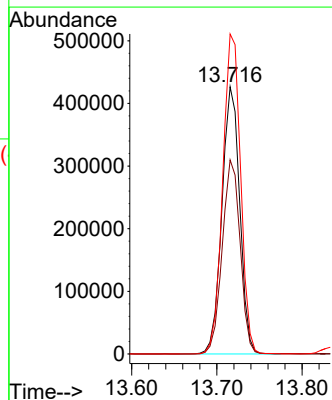
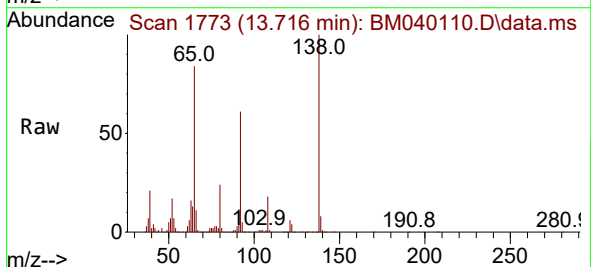
Instrument :
BNA_M
ClientSampleId :
PB153183BS

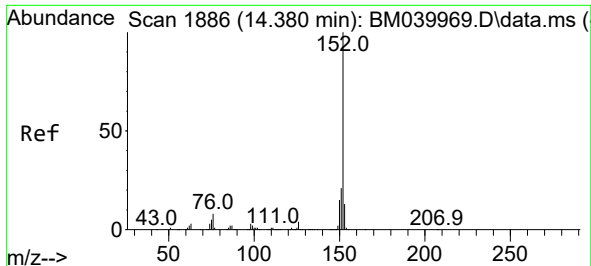
Tgt Ion:162 Resp: 2125686
Ion Ratio Lower Upper
162 100
127 38.6 31.3 46.9
164 32.8 25.8 38.8



#48
2-Nitroaniline
Concen: 48.866 ng
RT: 13.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion: 65 Resp: 620926
Ion Ratio Lower Upper
65 100
92 72.6 57.0 85.6
138 119.7 91.1 136.7

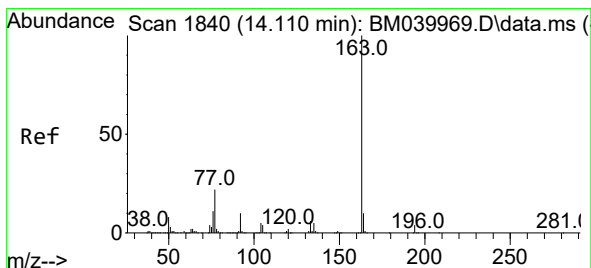
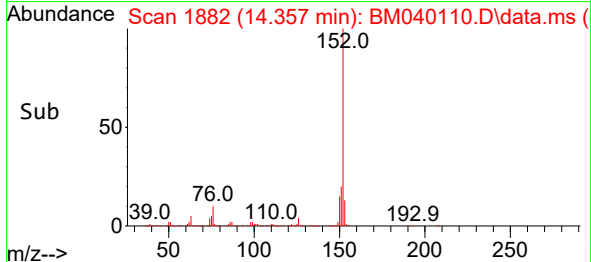
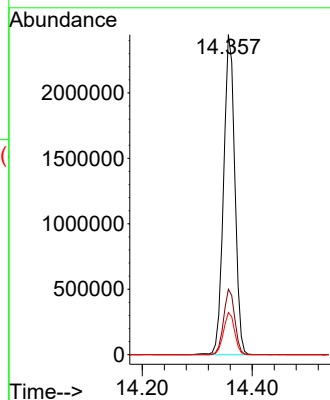
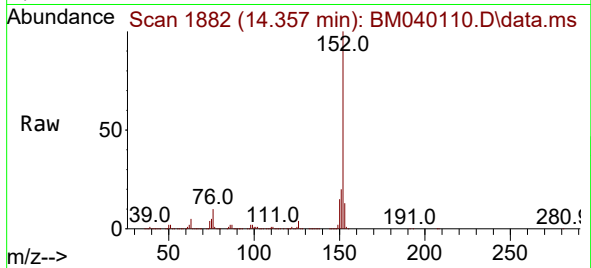




#49
Acenaphthylene
Concen: 47.016 ng
RT: 14.357 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

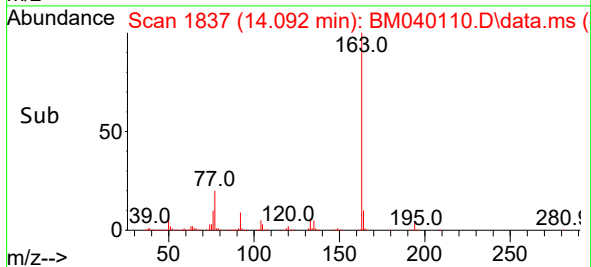
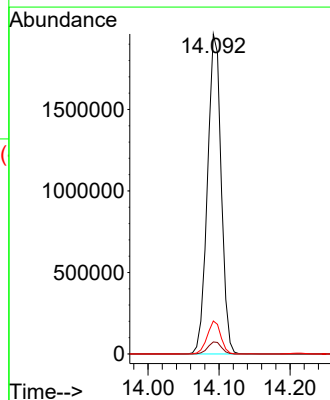
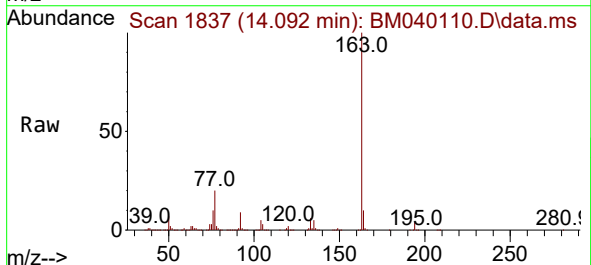
Instrument :
BNA_M
ClientSampleId :
PB153183BS

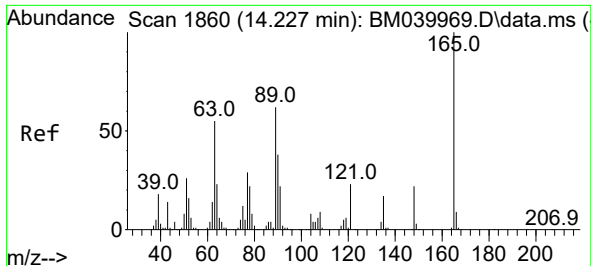
Tgt Ion:152 Resp: 3453211
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.2 10.3 15.5



#50
Dimethylphthalate
Concen: 47.674 ng
RT: 14.092 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion:163 Resp: 2638347
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 8.2 12.2

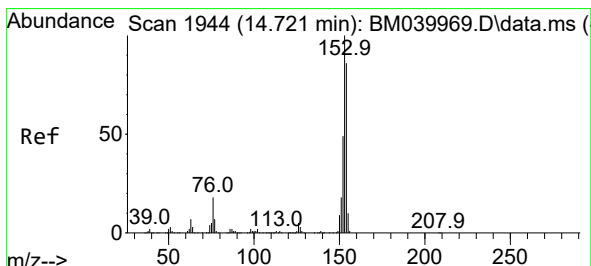
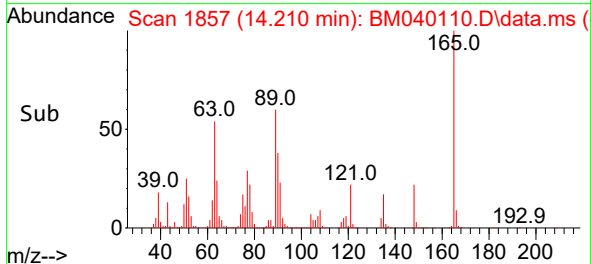
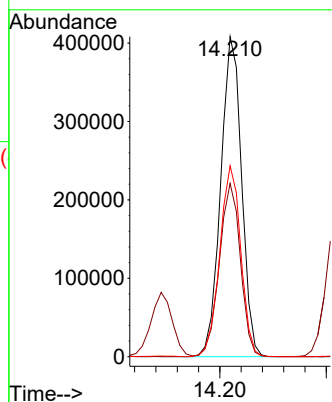
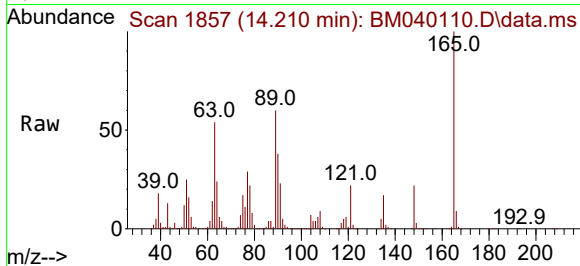




#51
2,6-Dinitrotoluene
Concen: 52.373 ng
RT: 14.210 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

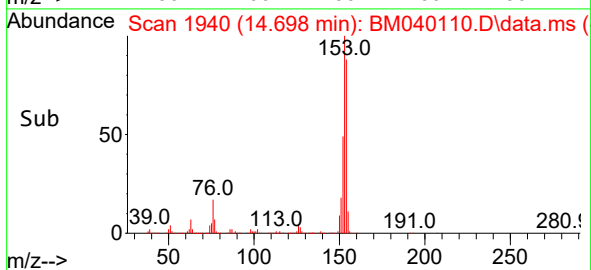
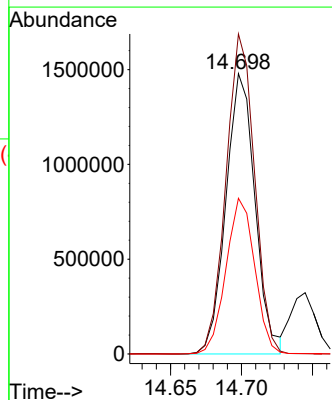
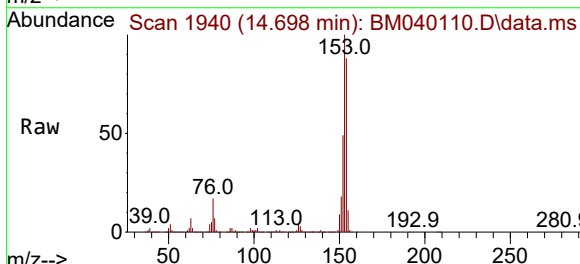
Instrument :
BNA_M
ClientSampleId :
PB153183BS

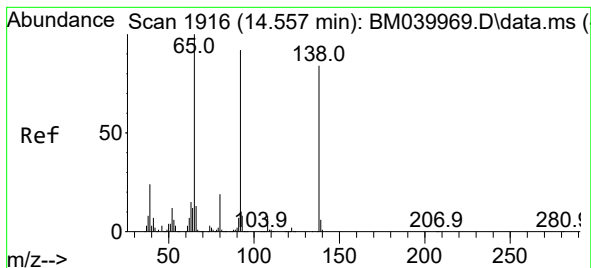
Tgt Ion:165 Resp: 554468
Ion Ratio Lower Upper
165 100
63 54.2 45.3 67.9
89 59.7 49.5 74.3



#52
Acenaphthene
Concen: 43.982 ng
RT: 14.698 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion:154 Resp: 2110680
Ion Ratio Lower Upper
154 100
153 114.2 92.6 139.0
152 55.5 45.5 68.3

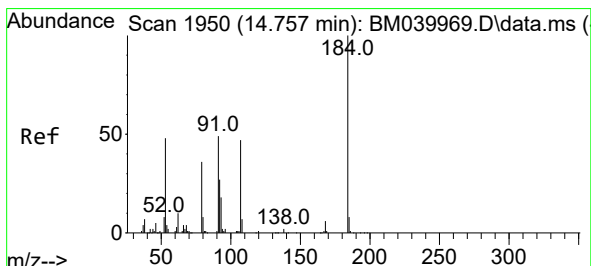
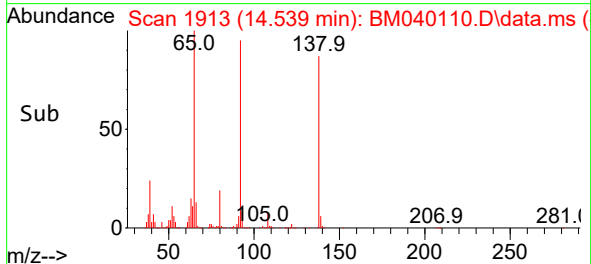
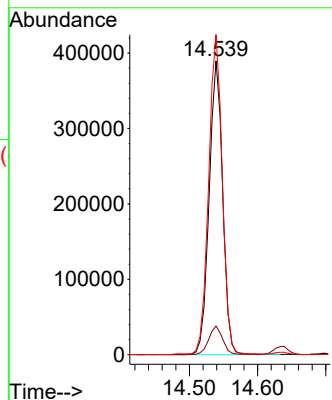
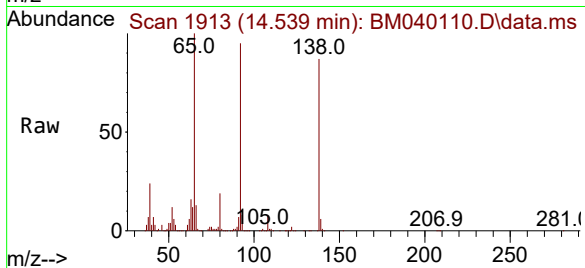




#53
3-Nitroaniline
Concen: 42.955 ng
RT: 14.539 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

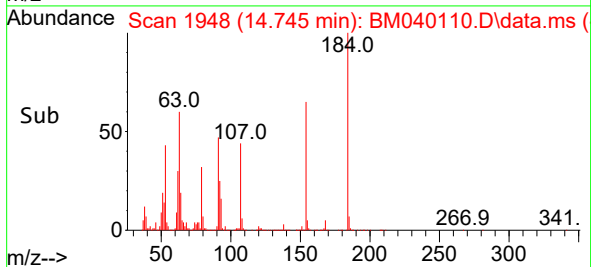
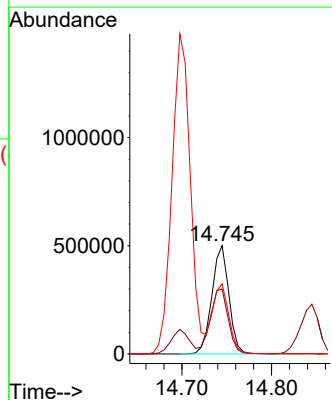
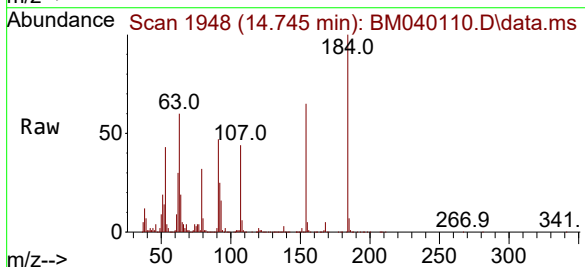
Instrument :
BNA_M
ClientSampleId :
PB153183BS

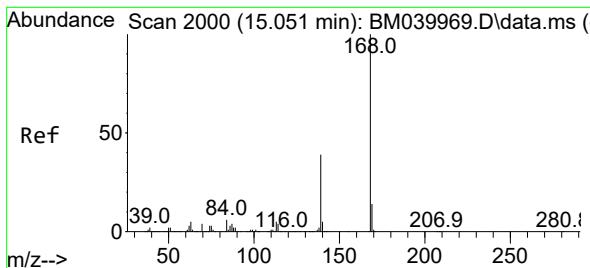
Tgt Ion:138 Resp: 537969
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 109.0 87.7 131.5



#54
2,4-Dinitrophenol
Concen: 108.533 ng
RT: 14.745 min Scan# 1948
Delta R.T. 0.005 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion:184 Resp: 658237
Ion Ratio Lower Upper
184 100
63 60.0 53.0 79.4
154 64.7 54.4 81.6





#55

Dibenzofuran

Concen: 47.280 ng

RT: 15.033 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

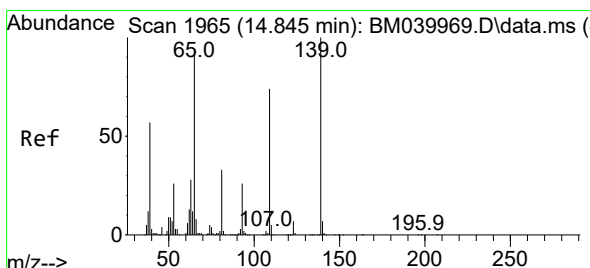
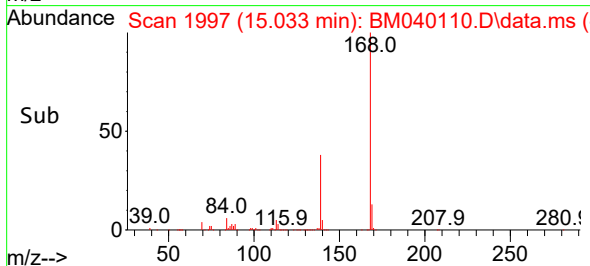
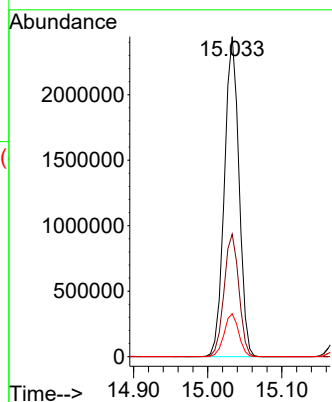
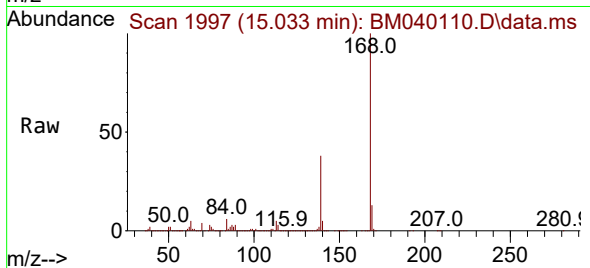
Tgt Ion:168 Resp: 3349472

Ion Ratio Lower Upper

168 100

139 38.3 31.5 47.3

169 13.5 10.9 16.3



#56

4-Nitrophenol

Concen: 132.312 ng

RT: 14.845 min Scan# 1965

Delta R.T. 0.011 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

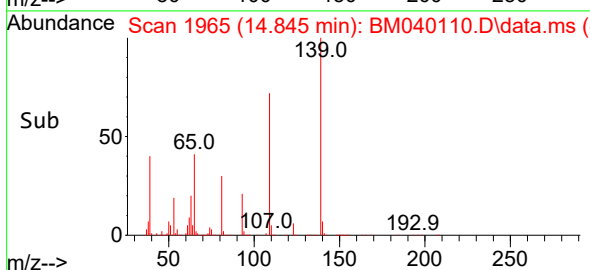
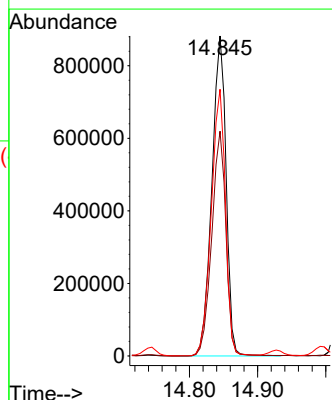
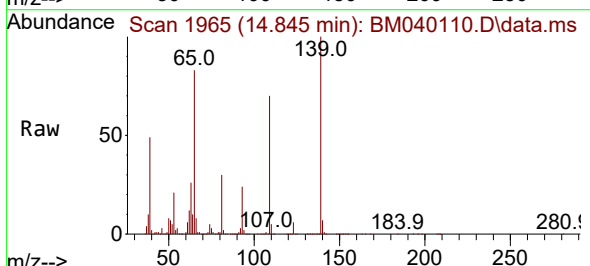
Tgt Ion:139 Resp: 1281835

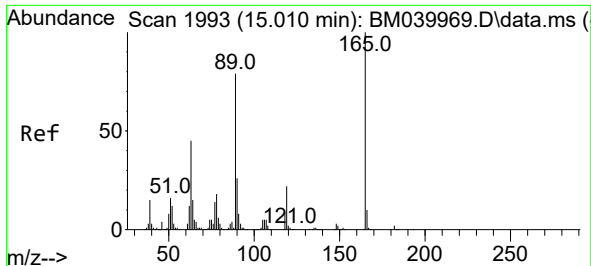
Ion Ratio Lower Upper

139 100

109 70.2 53.9 93.9

65 83.3 72.6 112.6





#57

2,4-Dinitrotoluene

Concen: 51.982 ng

RT: 14.998 min Scan# 1993

Delta R.T. 0.005 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

Tgt Ion:165 Resp: 797516

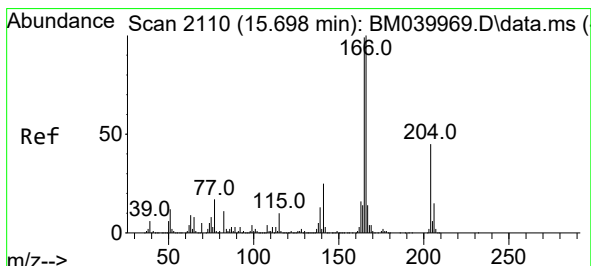
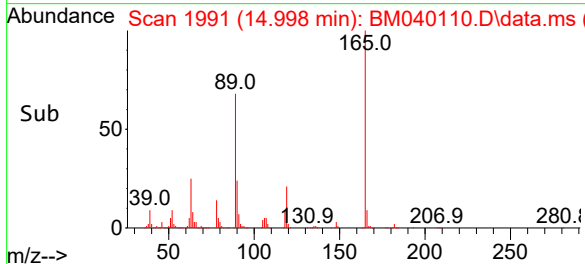
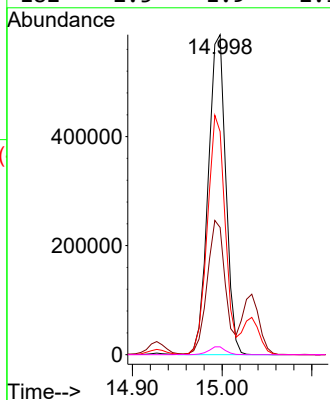
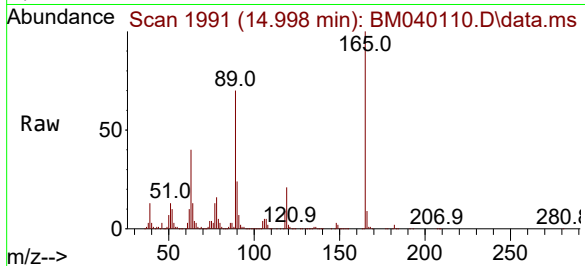
Ion Ratio Lower Upper

165 100

63 39.7 36.2 54.2

89 69.7 63.4 95.0

182 2.5 1.9 2.9



#58

Fluorene

Concen: 48.624 ng

RT: 15.680 min Scan# 2107

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

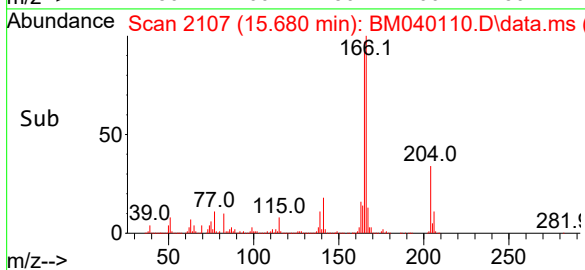
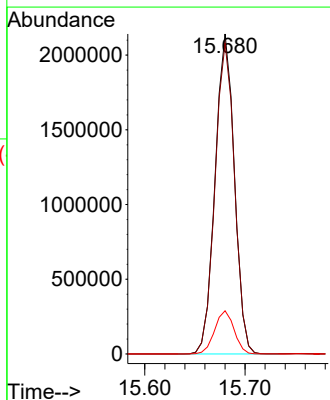
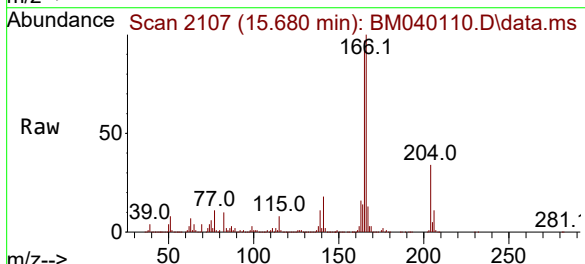
Tgt Ion:166 Resp: 2863495

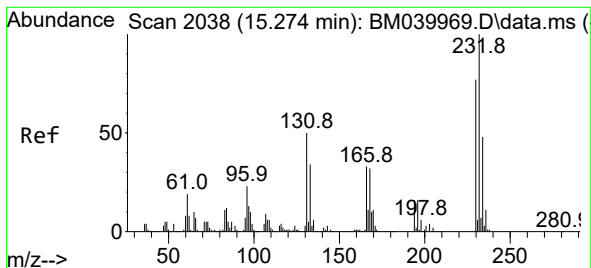
Ion Ratio Lower Upper

166 100

165 97.1 79.5 119.3

167 13.5 11.0 16.6

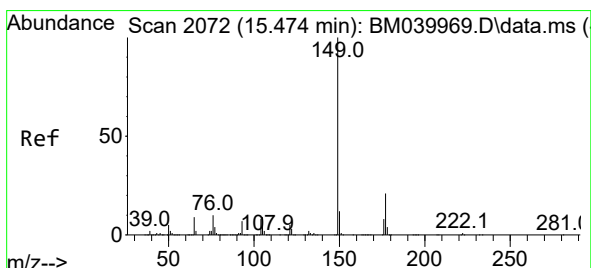
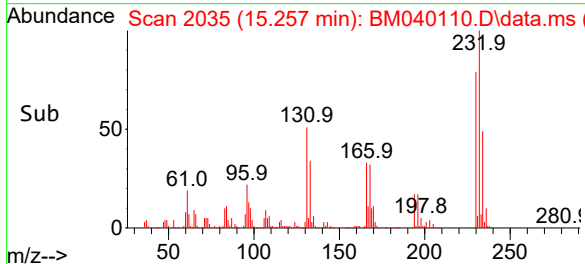
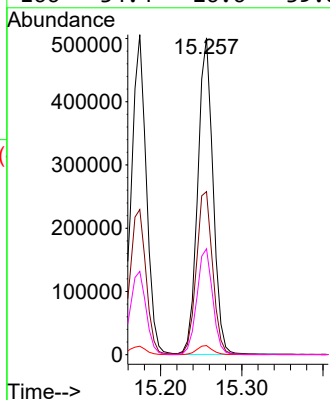
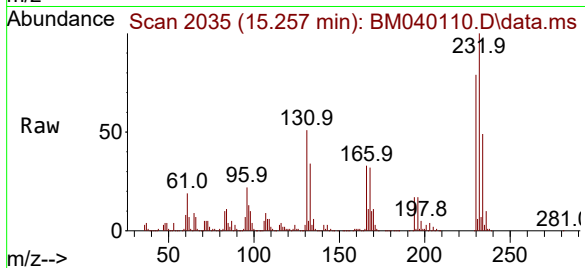




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.486 ng
RT: 15.257 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

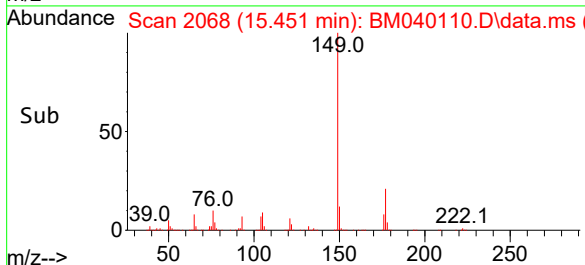
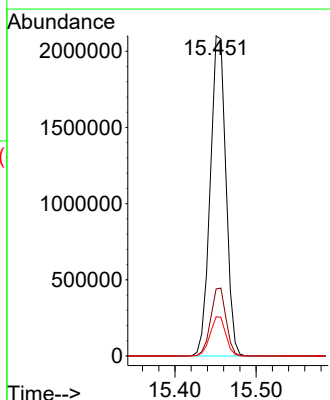
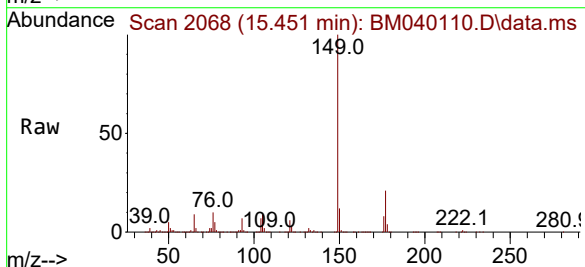
Instrument :
BNA_M
ClientSampleId :
PB153183BS

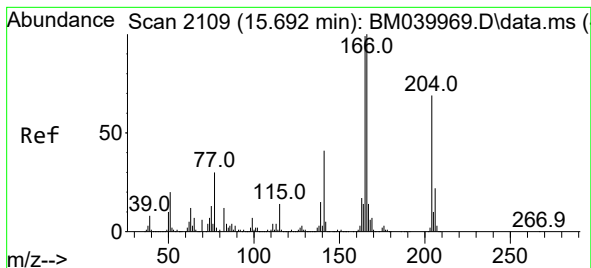
Tgt Ion:232 Resp: 654760
Ion Ratio Lower Upper
232 100
131 55.0 42.8 64.2
130 3.0 2.3 3.5
166 34.4 26.6 39.8



#60
Diethylphthalate
Concen: 51.407 ng
RT: 15.451 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion:149 Resp: 2812021
Ion Ratio Lower Upper
149 100
177 21.0 16.8 25.2
150 12.3 9.5 14.3

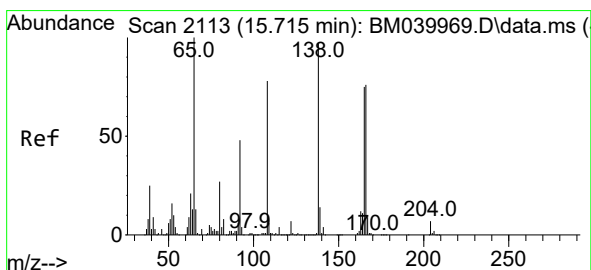
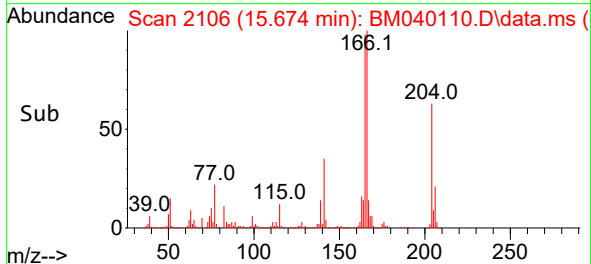
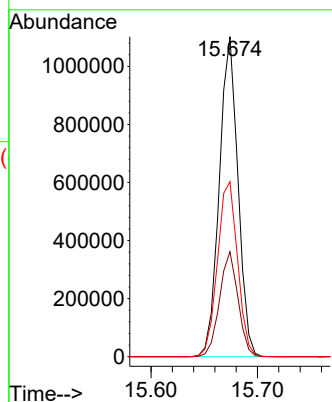
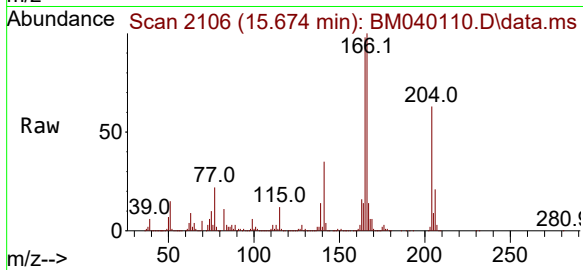




#61
4-Chlorophenyl-phenylether
Concen: 46.428 ng
RT: 15.674 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

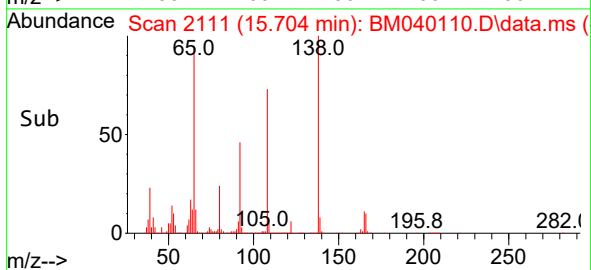
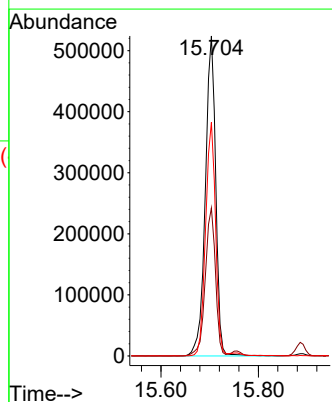
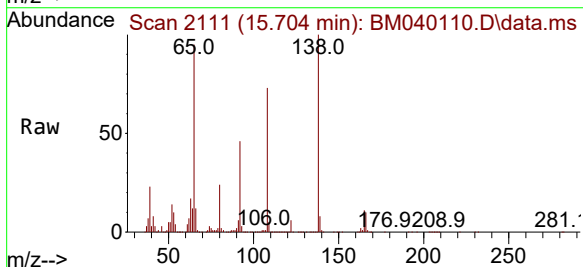
Instrument :
BNA_M
ClientSampleId :
PB153183BS

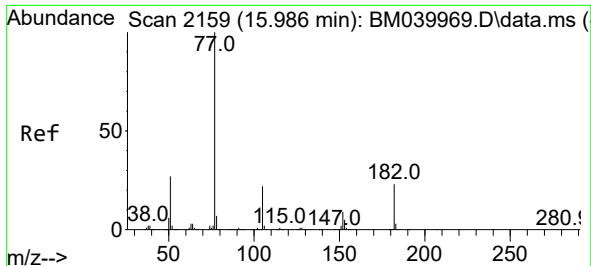
Tgt Ion:204 Resp: 1337698
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 54.7 46.9 70.3



#62
4-Nitroaniline
Concen: 59.428 ng
RT: 15.704 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion:138 Resp: 775129
Ion Ratio Lower Upper
138 100
92 46.2 29.1 69.1
108 73.0 60.0 100.0

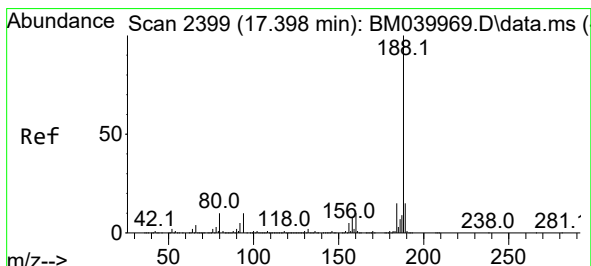
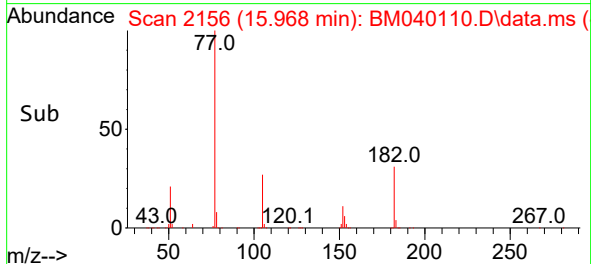
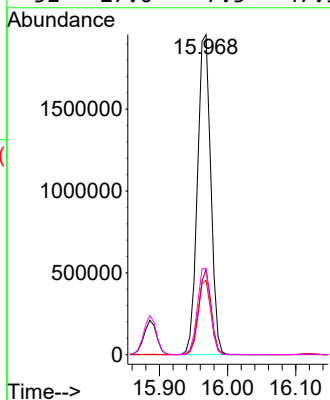
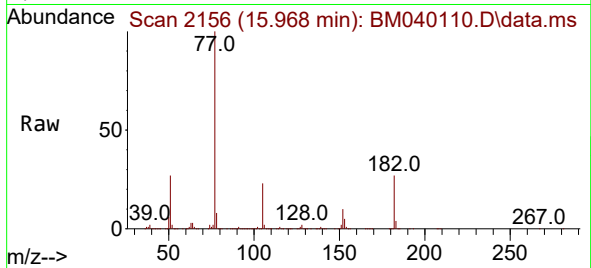




#63
Azobenzene
Concen: 48.542 ng
RT: 15.968 min Scan# 2159
Delta R.T. 0.005 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

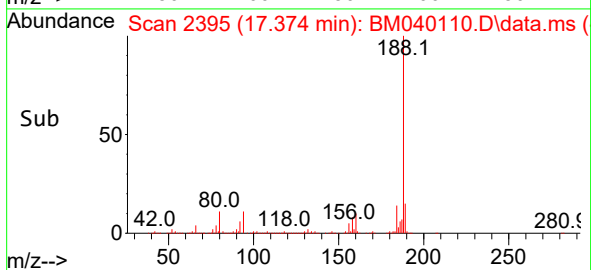
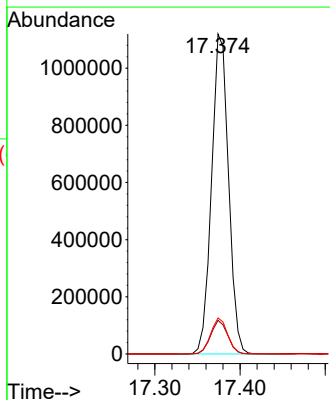
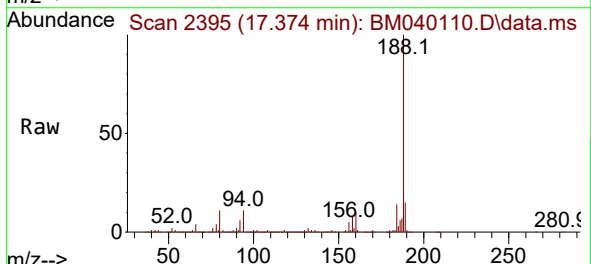
Instrument :
BNA_M
ClientSampleId :
PB153183BS

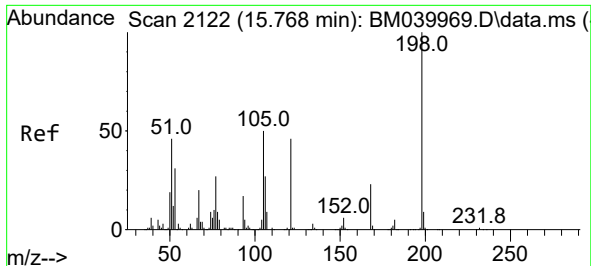
Tgt Ion: 77 Resp: 2647378
Ion Ratio Lower Upper
77 100
182 26.6 2.9 42.9
105 23.2 1.5 41.5
51 27.0 7.5 47.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion: 188 Resp: 1549643
Ion Ratio Lower Upper
188 100
94 10.5 7.8 11.8
80 11.2 8.2 12.4

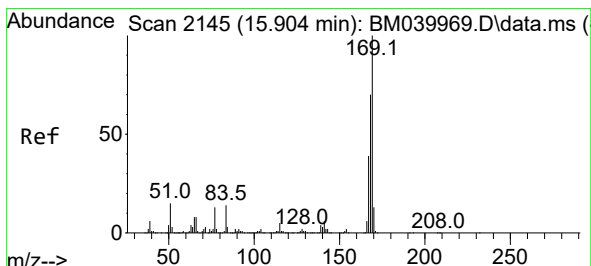
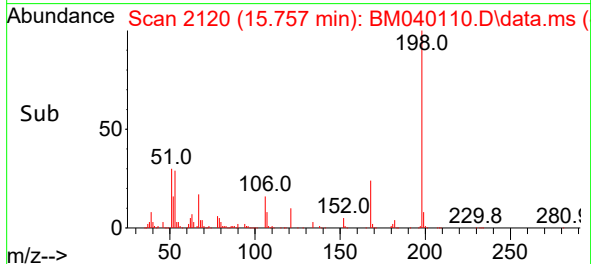
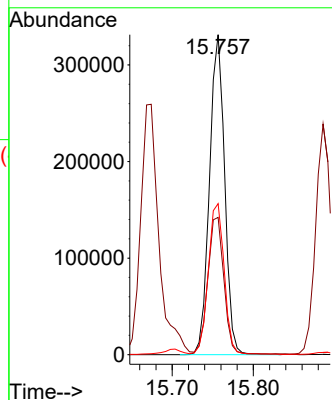
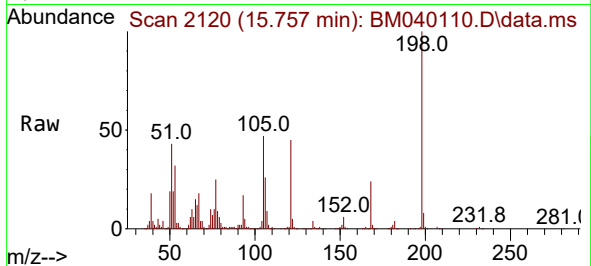




#65
4,6-Dinitro-2-methylphenol
Concen: 49.859 ng
RT: 15.757 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

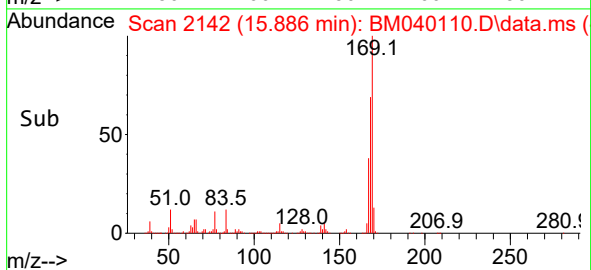
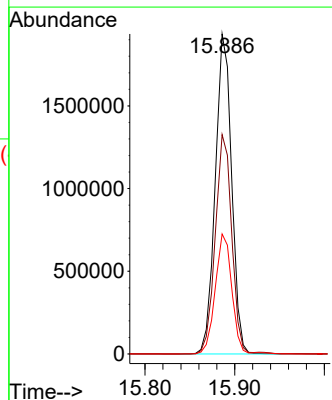
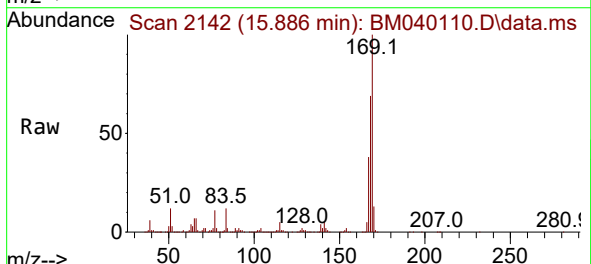
Instrument :
BNA_M
ClientSampleId :
PB153183BS

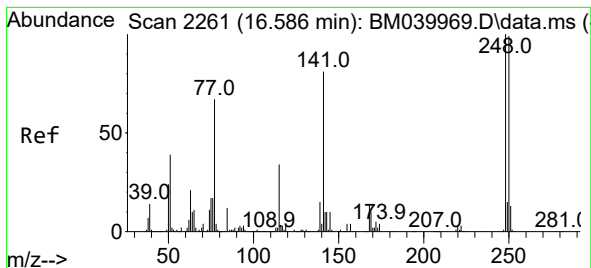
Tgt Ion:198 Resp: 428962
Ion Ratio Lower Upper
198 100
51 42.9 29.9 69.9
105 47.2 30.4 70.4



#66
n-Nitrosodiphenylamine
Concen: 45.894 ng
RT: 15.886 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion:169 Resp: 2445734
Ion Ratio Lower Upper
169 100
168 68.6 56.0 84.0
167 37.5 31.0 46.6

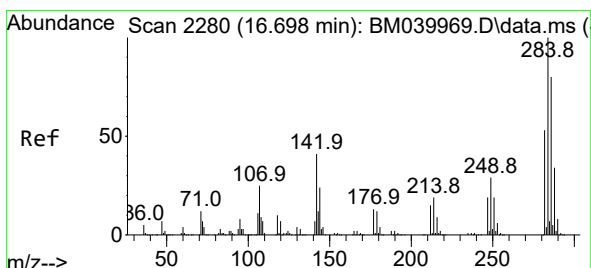
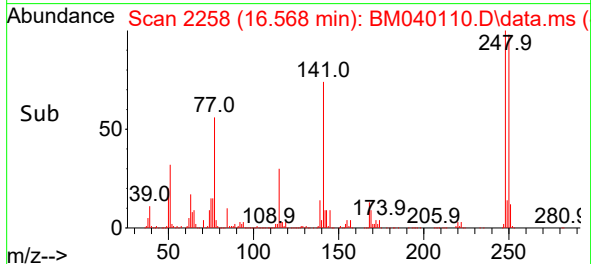
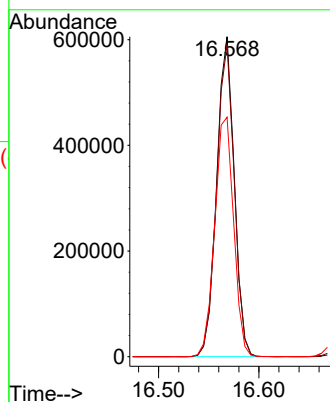
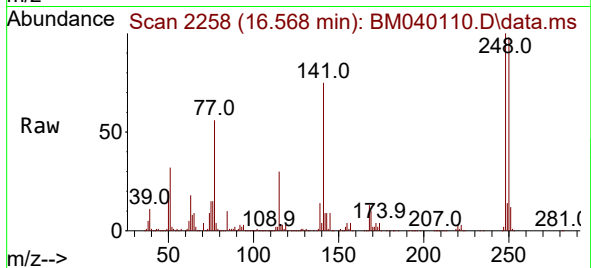




#67
4-Bromophenyl-phenylether
Concen: 43.024 ng
RT: 16.568 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

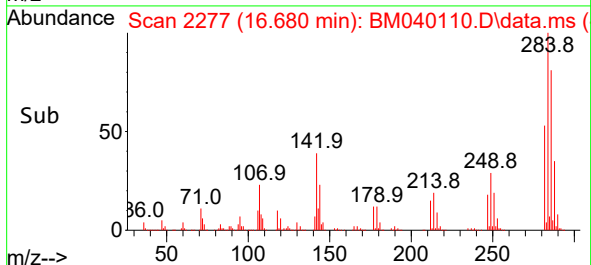
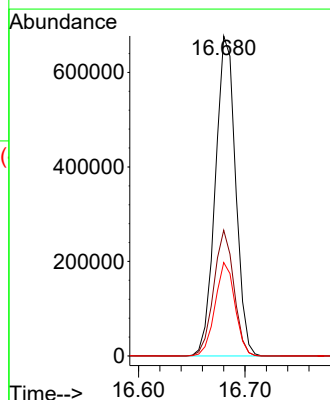
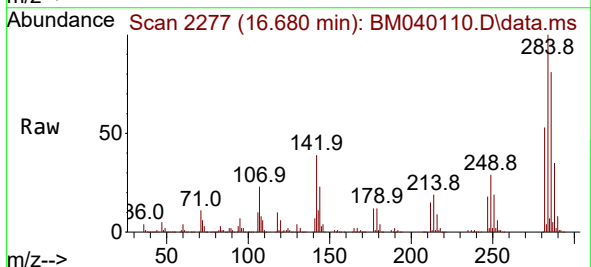
Instrument :
BNA_M
ClientSampleId :
PB153183BS

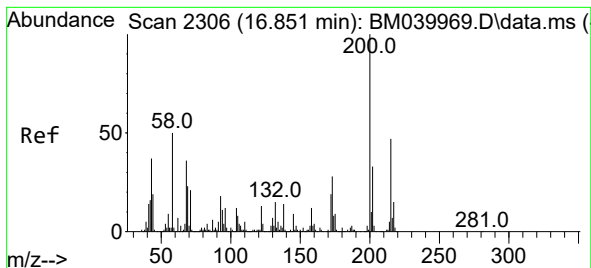
Tgt Ion:248 Resp: 736693
Ion Ratio Lower Upper
248 100
250 97.6 79.4 119.0
141 74.8 64.8 97.2



#68
Hexachlorobenzene
Concen: 45.655 ng
RT: 16.680 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion:284 Resp: 893366
Ion Ratio Lower Upper
284 100
142 39.3 32.4 48.6
249 29.2 23.4 35.2





#69

Atrazine

Concen: 60.604 ng

RT: 16.839 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

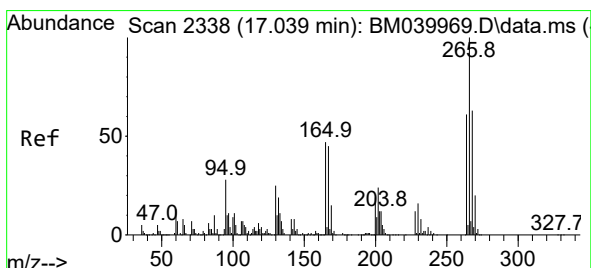
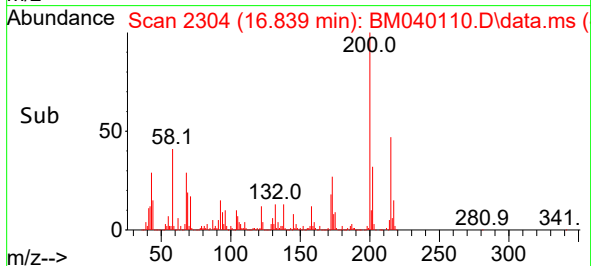
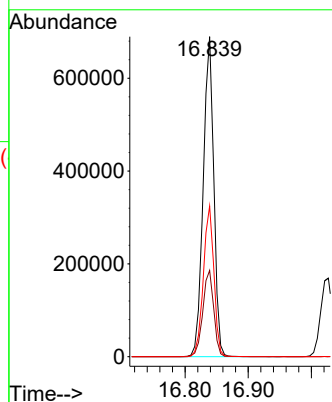
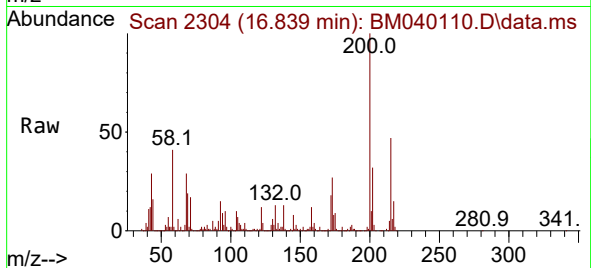
Tgt Ion:200 Resp: 803342

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

215 47.1 27.5 67.5



#70

Pentachlorophenol

Concen: 98.004 ng

RT: 17.027 min Scan# 2336

Delta R.T. 0.005 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

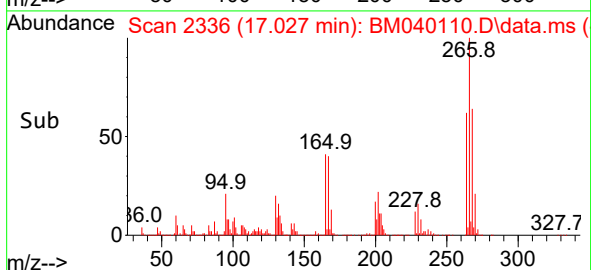
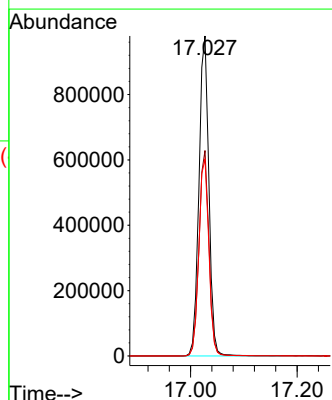
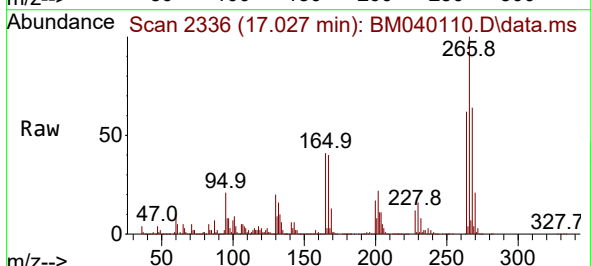
Tgt Ion:266 Resp: 1258897

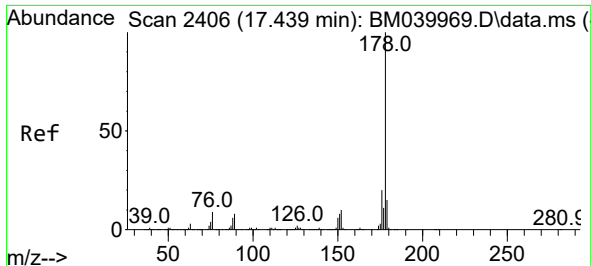
Ion Ratio Lower Upper

266 100

268 64.2 50.2 75.4

264 61.6 49.0 73.6

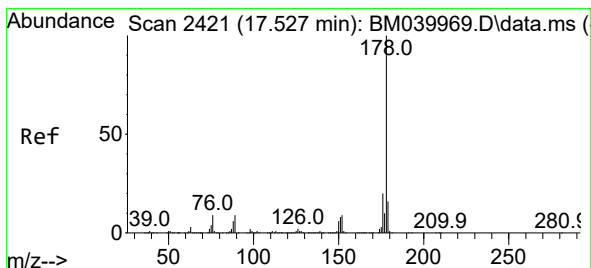
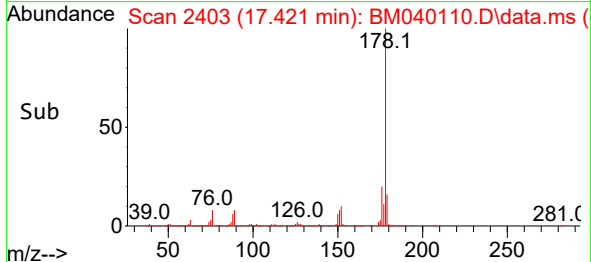
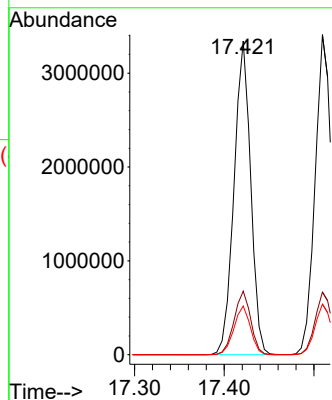
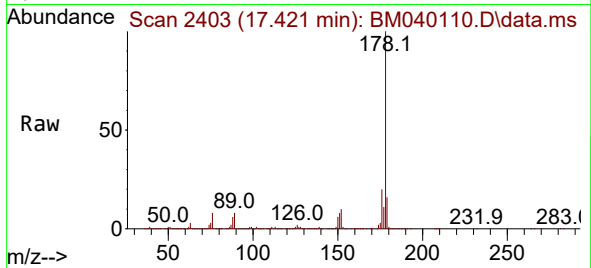




#71
Phenanthrene
Concen: 46.469 ng
RT: 17.421 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

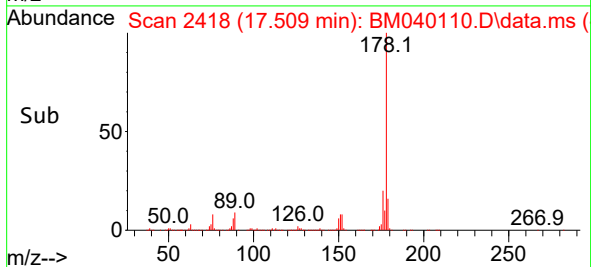
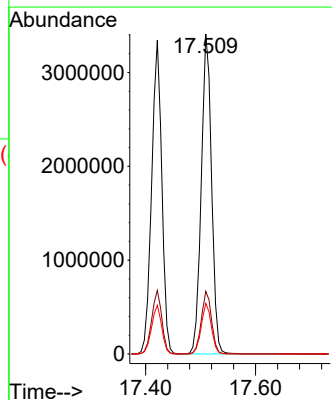
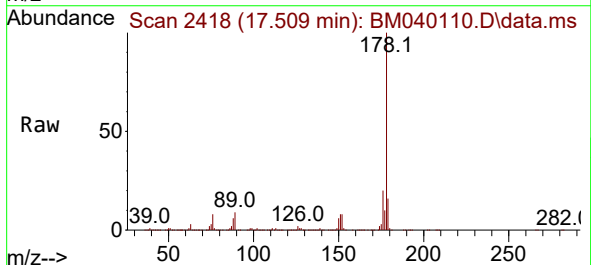
Instrument :
BNA_M
ClientSampleId :
PB153183BS

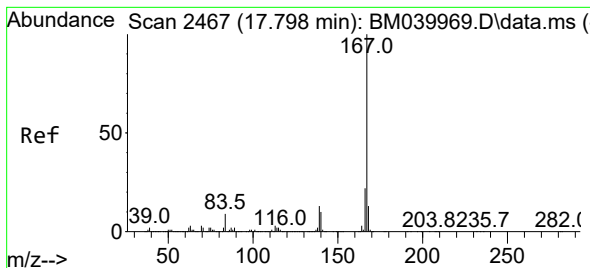
Tgt Ion:178 Resp: 4307232
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 15.5 12.2 18.4



#72
Anthracene
Concen: 48.398 ng
RT: 17.509 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion:178 Resp: 4444757
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.8 12.5 18.7





#73

Carbazole

Concen: 52.099 ng

RT: 17.780 min Scan# 2464

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

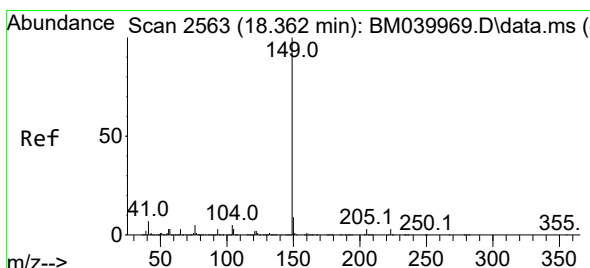
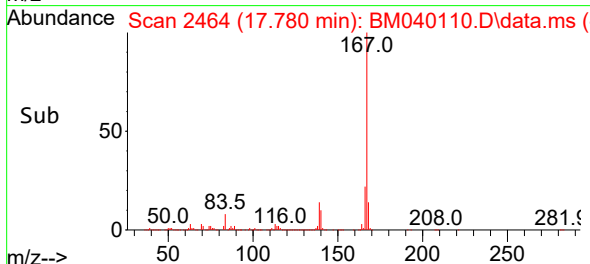
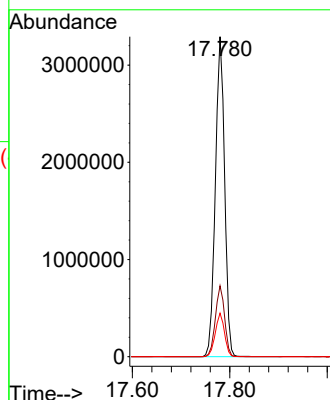
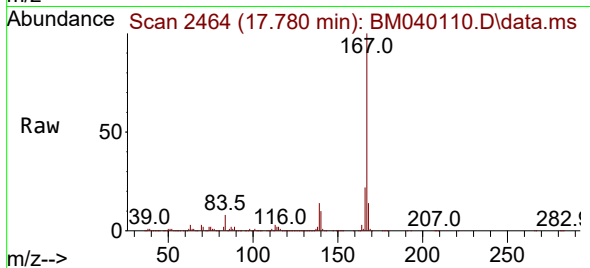
Tgt Ion:167 Resp: 4322734

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.8

139 13.6 10.8 16.2



#74

Di-n-butylphthalate

Concen: 45.466 ng

RT: 18.345 min Scan# 2560

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

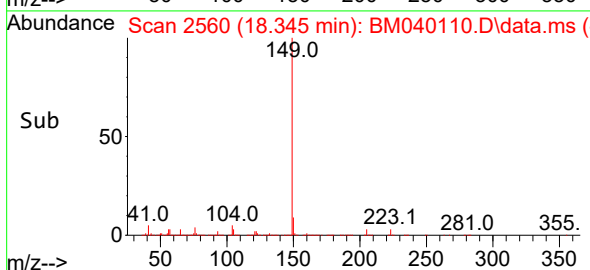
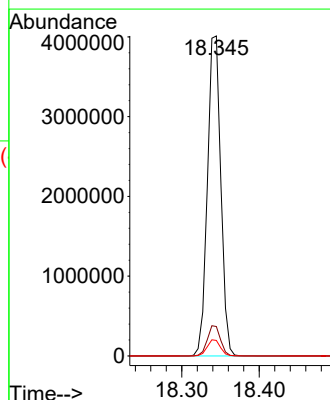
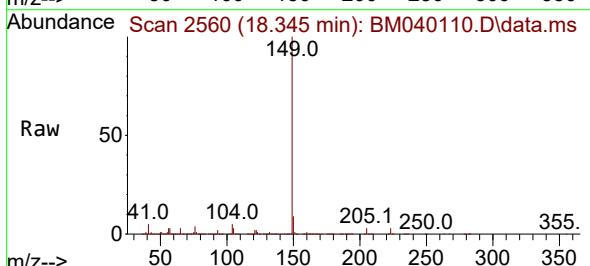
Tgt Ion:149 Resp: 4800662

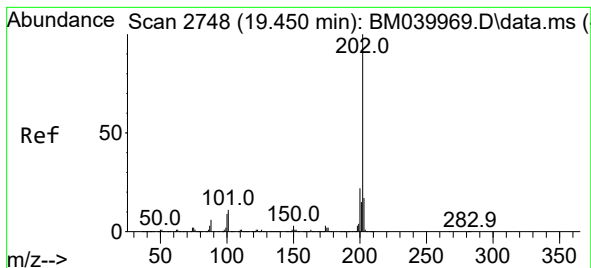
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.9 4.2 6.2





#75

Fluoranthene

Concen: 50.628 ng

RT: 19.433 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

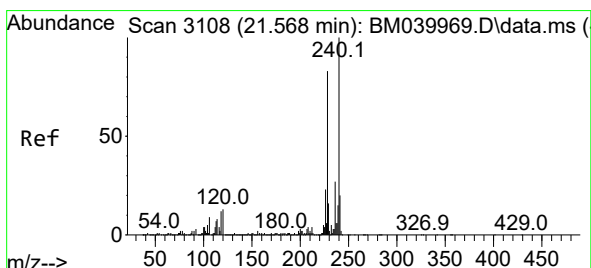
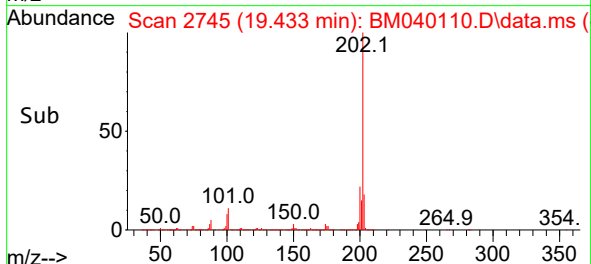
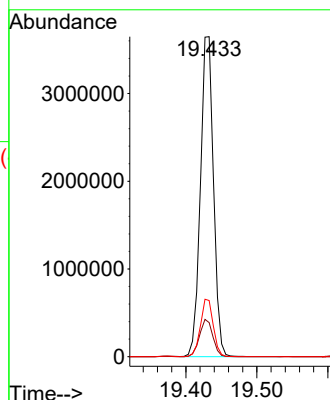
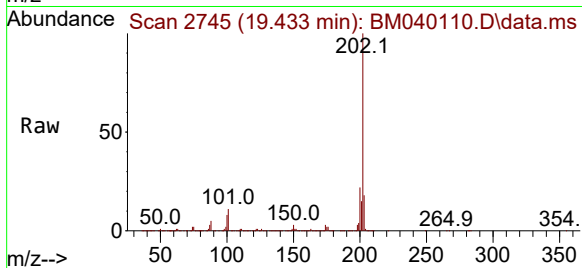
Tgt Ion:202 Resp: 4677218

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.3

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.556 min Scan# 3106

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

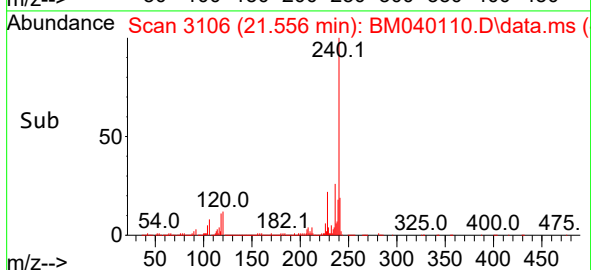
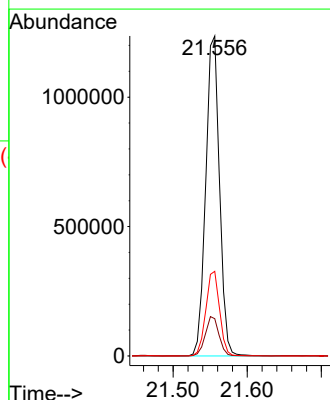
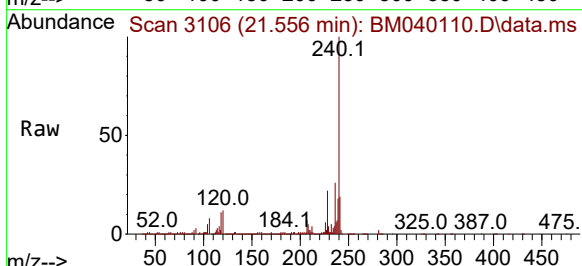
Tgt Ion:240 Resp: 1598388

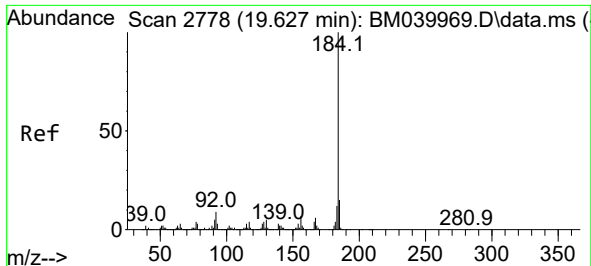
Ion Ratio Lower Upper

240 100

120 11.6 10.1 15.1

236 26.5 21.3 31.9

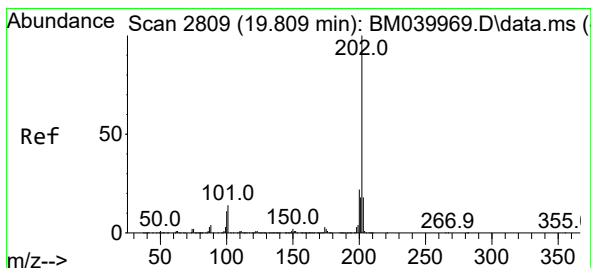
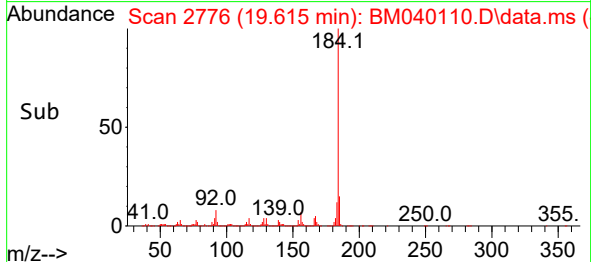
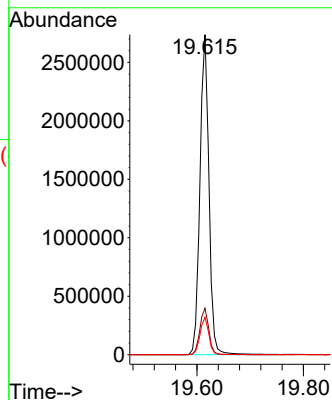
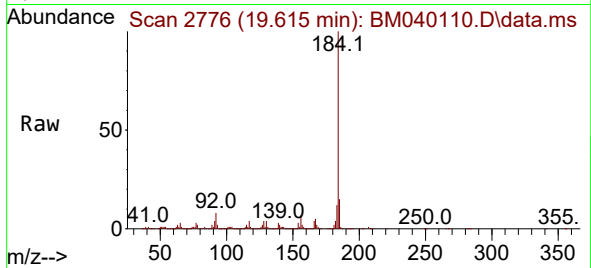




#77
Benzidine
Concen: 128.815 ng
RT: 19.615 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

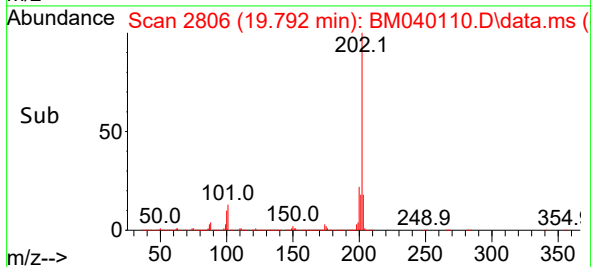
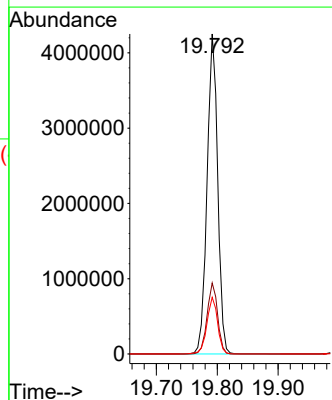
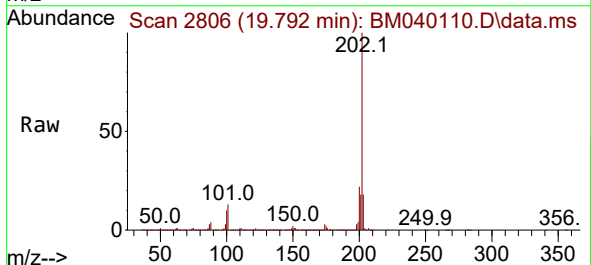
Instrument :
BNA_M
ClientSampleId :
PB153183BS

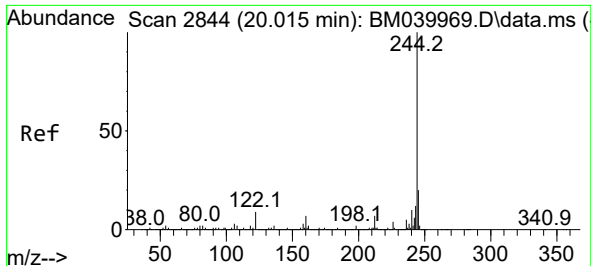
Tgt Ion:184 Resp: 3197353
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 11.7 9.2 13.8



#78
Pyrene
Concen: 43.791 ng
RT: 19.792 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BM040110.D
Acq: 06 Jun 2023 18:58

Tgt Ion:202 Resp: 5136206
Ion Ratio Lower Upper
202 100
200 22.2 17.6 26.4
203 17.7 14.1 21.1

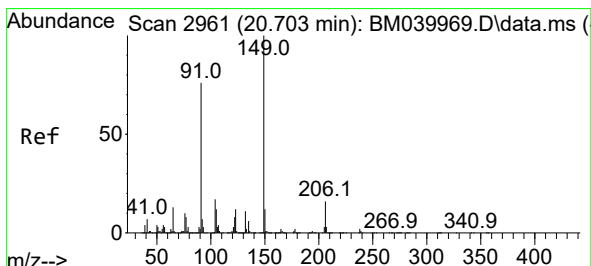
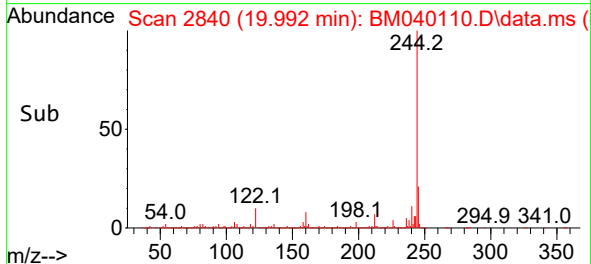
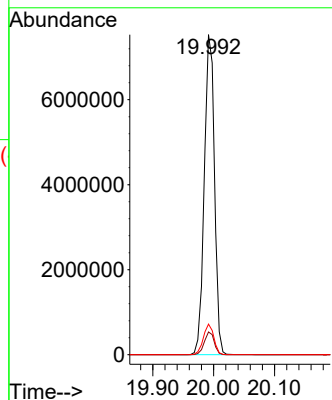
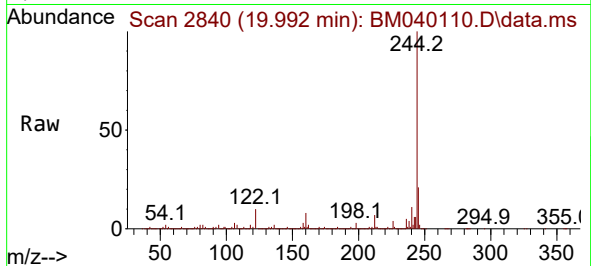




#79
 Terphenyl-d14
 Concen: 85.045 ng
 RT: 19.992 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040110.D
 Acq: 06 Jun 2023 18:58

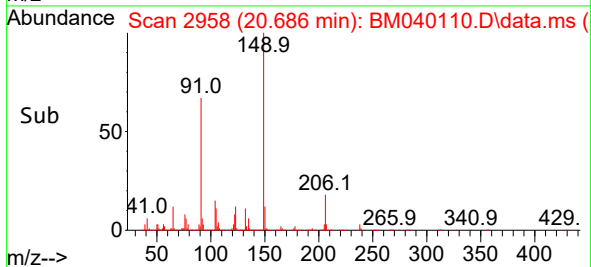
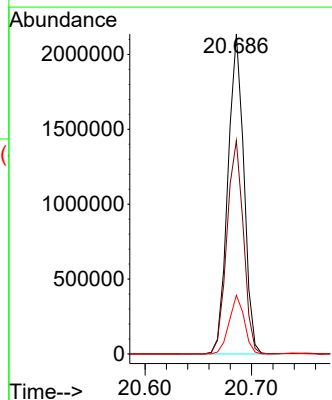
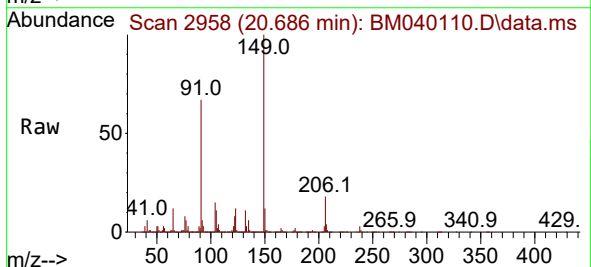
Instrument :
 BNA_M
 ClientSampleId :
 PB153183BS

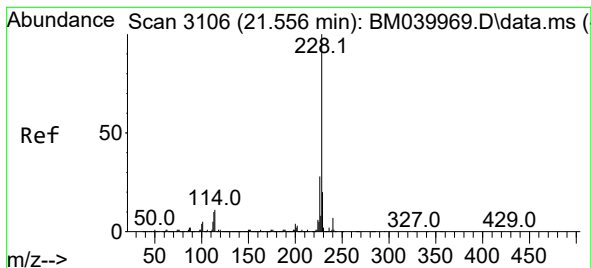
Tgt Ion:244 Resp: 8754770
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 9.6 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 46.161 ng
 RT: 20.686 min Scan# 2958
 Delta R.T. -0.000 min
 Lab File: BM040110.D
 Acq: 06 Jun 2023 18:58

Tgt Ion:149 Resp: 2216556
 Ion Ratio Lower Upper
 149 100
 91 66.7 61.0 91.4
 206 18.3 12.7 19.1





#81

Benzo(a)anthracene

Concen: 46.840 ng

RT: 21.539 min Scan# 3106

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

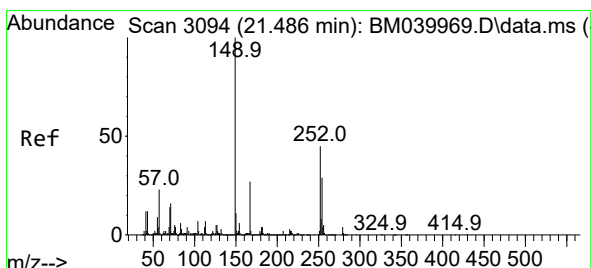
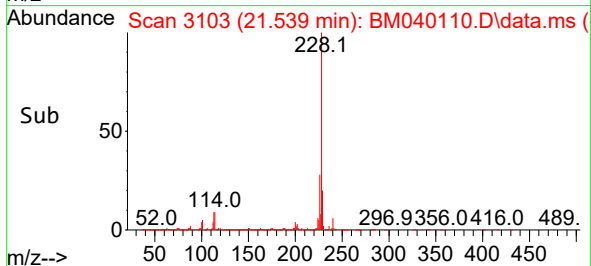
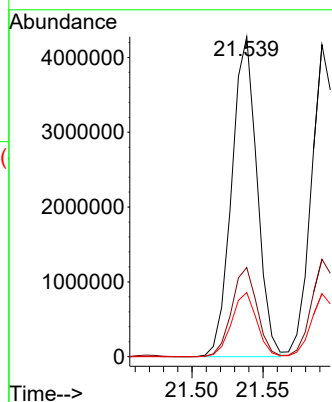
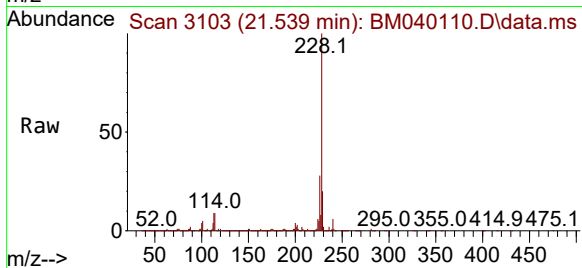
Tgt Ion:228 Resp: 5300041

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.4

229 20.0 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 45.489 ng

RT: 21.468 min Scan# 3091

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

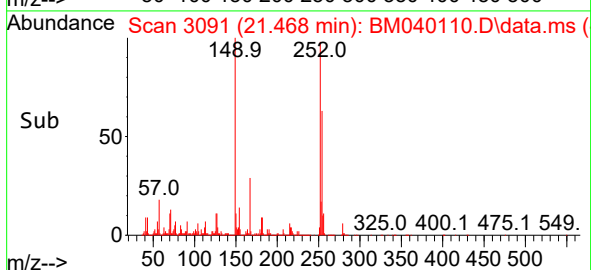
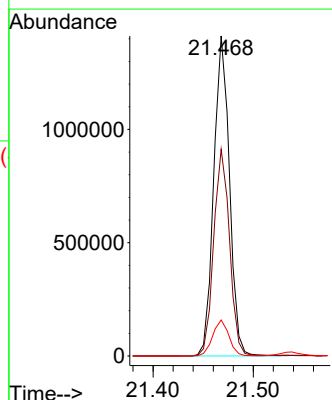
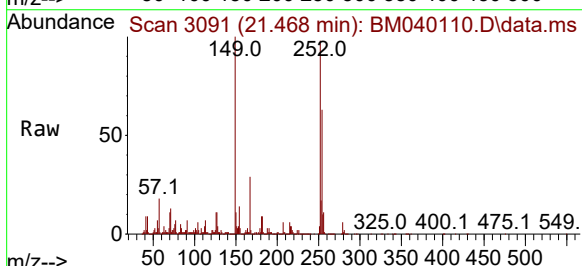
Tgt Ion:252 Resp: 1537549

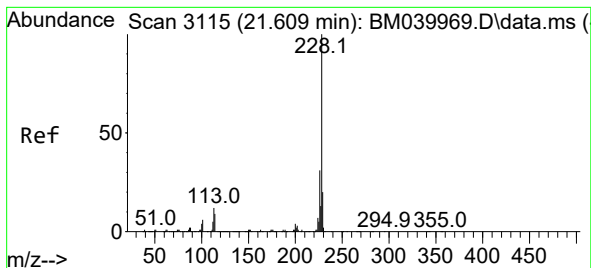
Ion Ratio Lower Upper

252 100

254 64.6 51.8 77.6

126 11.3 8.7 13.1





#83

Chrysene

Concen: 45.361 ng

RT: 21.591 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

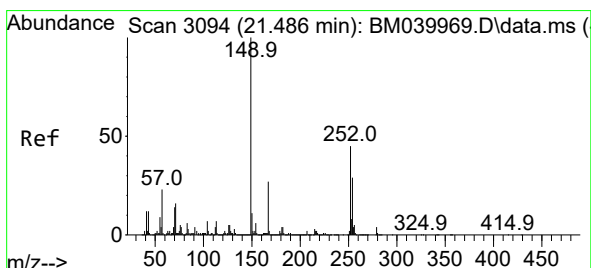
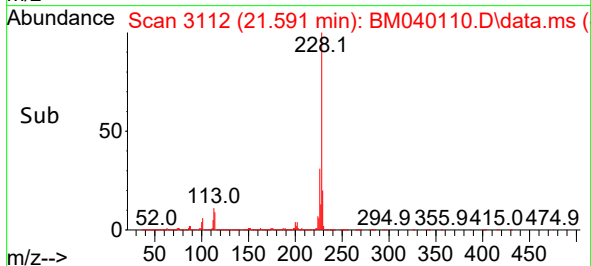
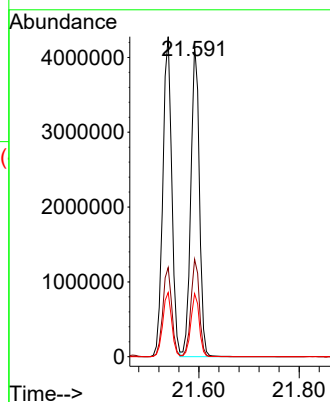
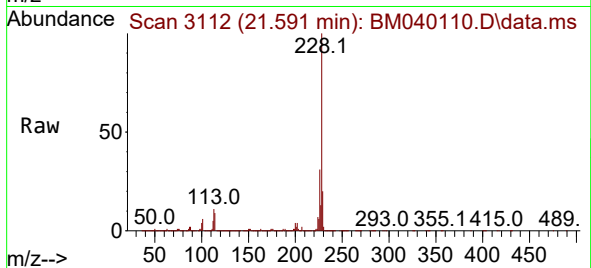
Tgt Ion:228 Resp: 4924749

Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.393 ng

RT: 21.462 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

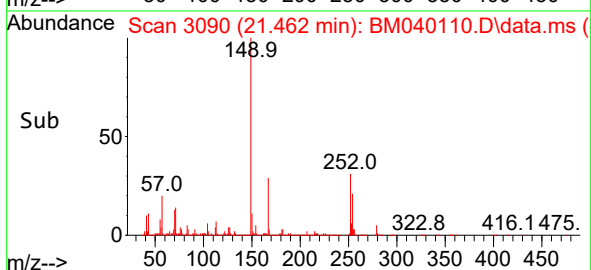
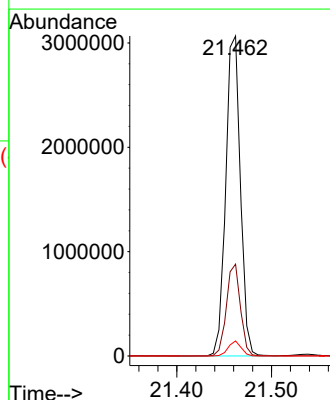
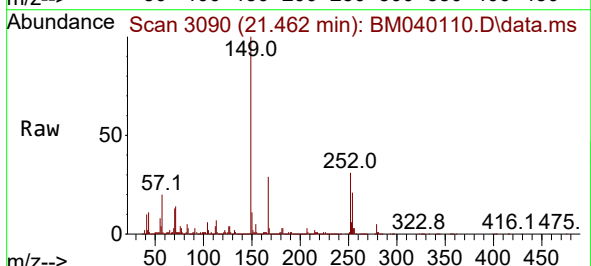
Tgt Ion:149 Resp: 3306337

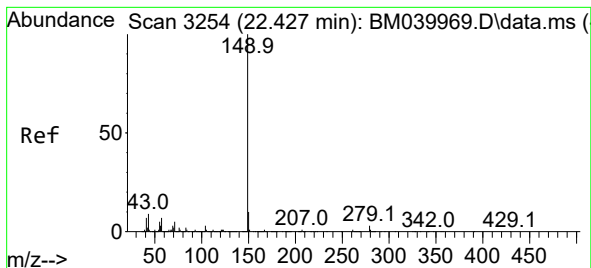
Ion Ratio Lower Upper

149 100

167 28.7 21.4 32.2

279 4.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 47.760 ng

RT: 22.397 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

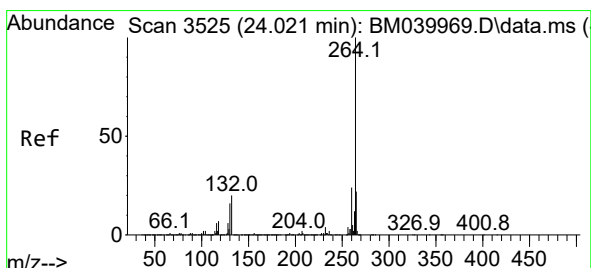
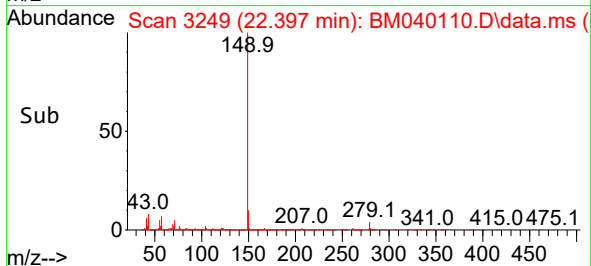
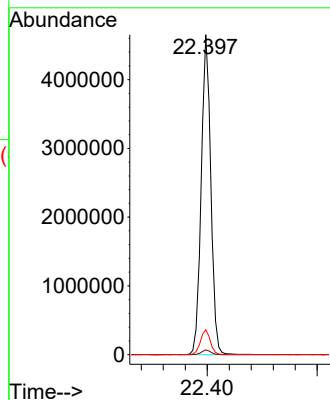
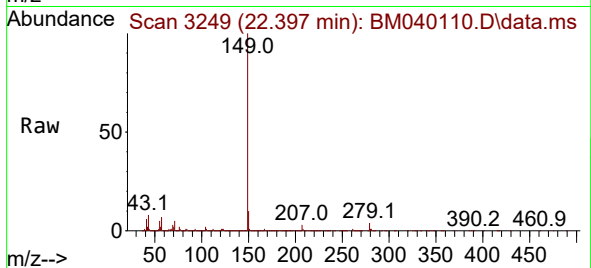
Tgt Ion:149 Resp: 5631785

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 8.0 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.991 min Scan# 3520

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

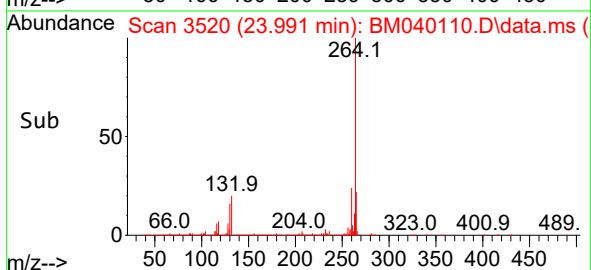
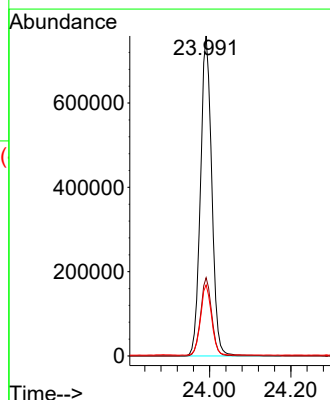
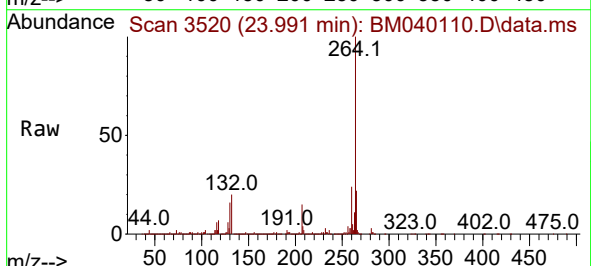
Tgt Ion:264 Resp: 1468043

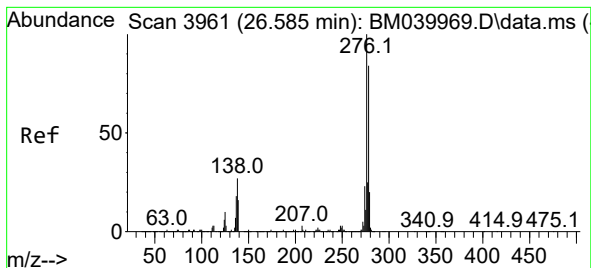
Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 22.2 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.894 ng

RT: 26.538 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

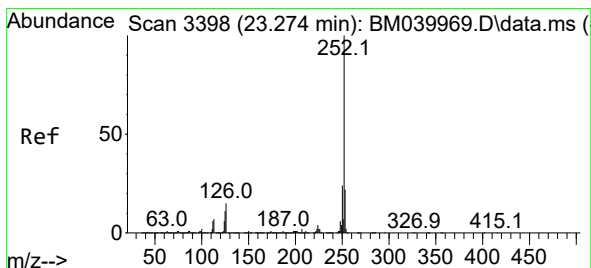
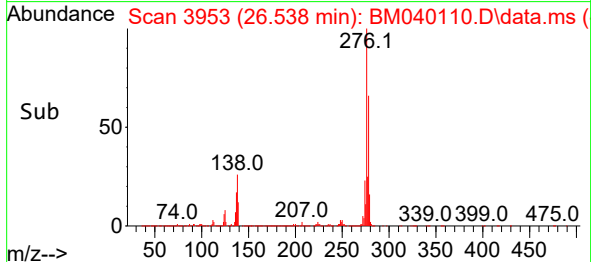
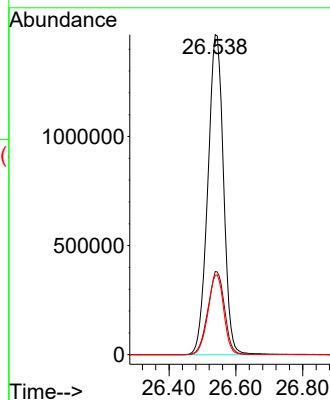
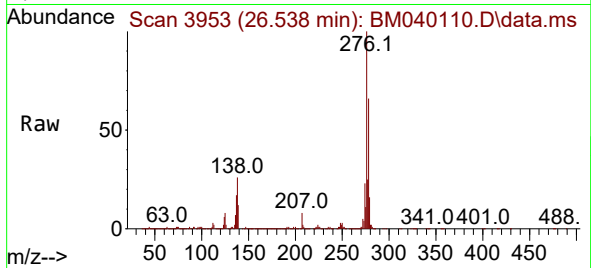
Tgt Ion:276 Resp: 4774081

Ion Ratio Lower Upper

276 100

138 27.7 23.2 34.8

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 51.611 ng

RT: 23.250 min Scan# 3394

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

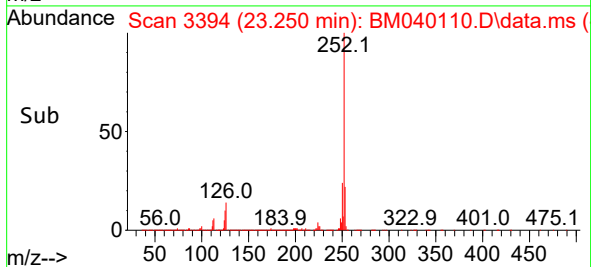
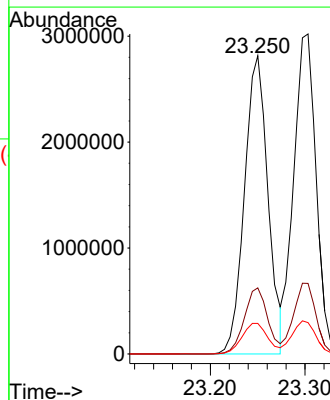
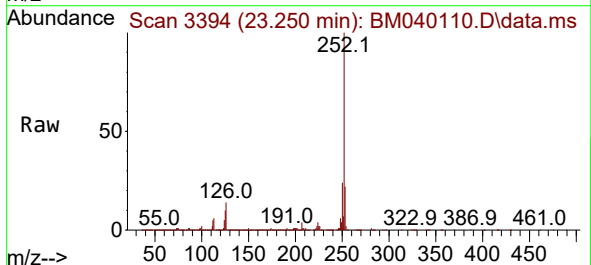
Tgt Ion:252 Resp: 4850882

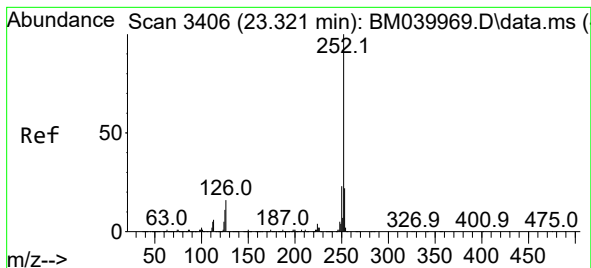
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.2 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 48.646 ng

RT: 23.303 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

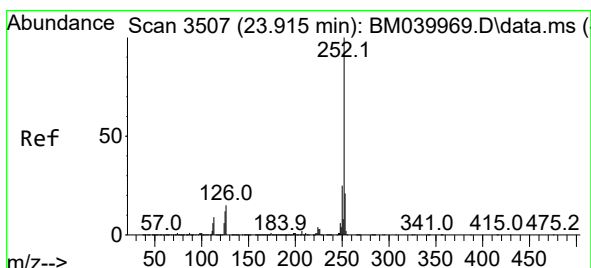
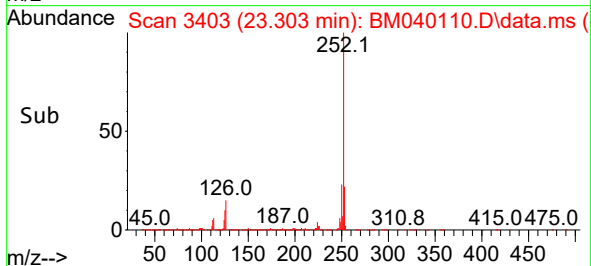
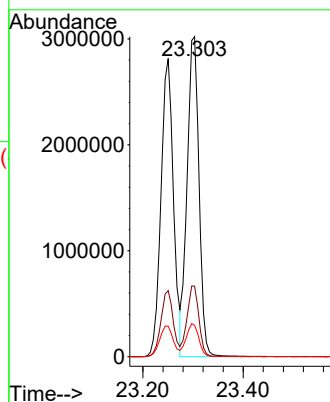
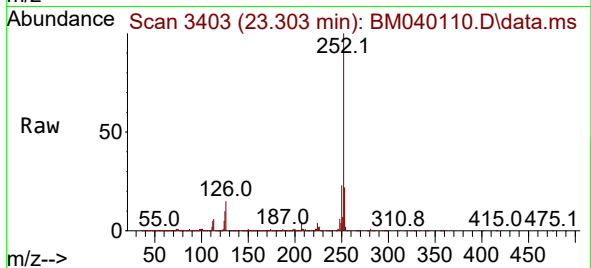
Tgt Ion:252 Resp: 4999605

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.8 9.0 13.4



#90

Benzo(a)pyrene

Concen: 44.327 ng

RT: 23.885 min Scan# 3502

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

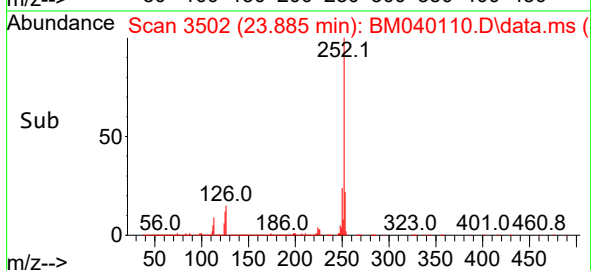
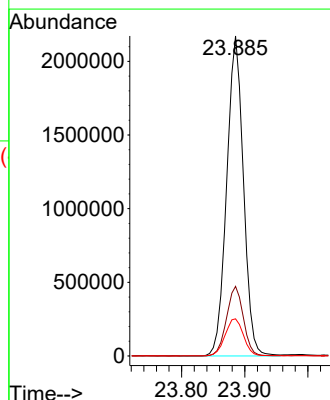
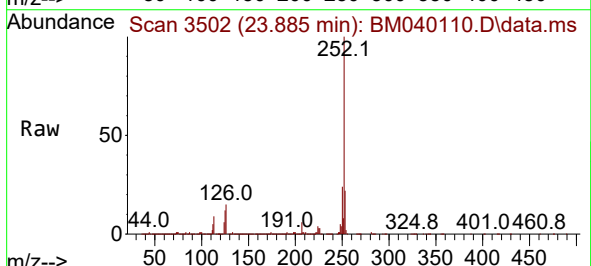
Tgt Ion:252 Resp: 3995497

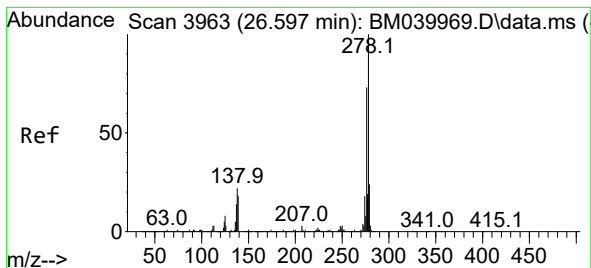
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 11.6 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 40.996 ng

RT: 26.556 min Scan# 3963

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Instrument :

BNA_M

ClientSampleId :

PB153183BS

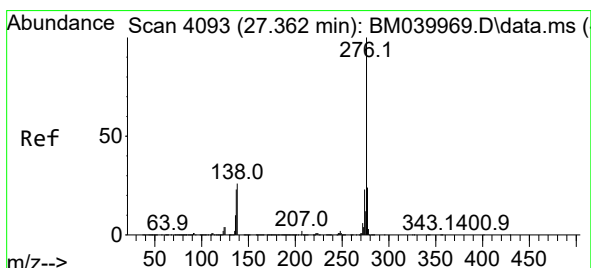
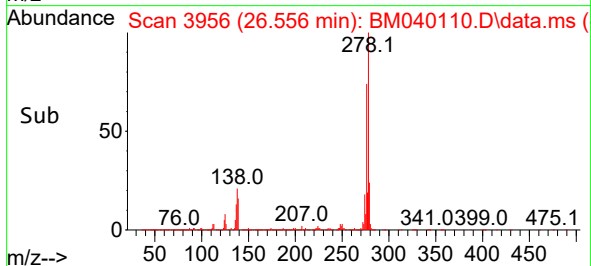
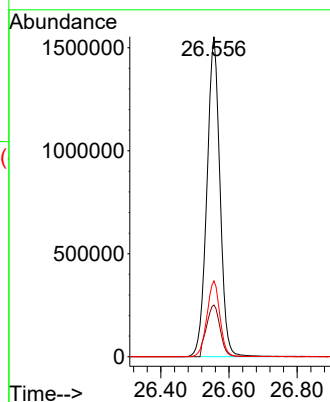
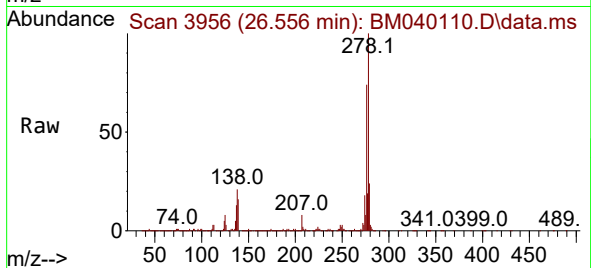
Tgt Ion:278 Resp: 4132022

Ion Ratio Lower Upper

278 100

139 16.2 14.0 21.0

279 23.7 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 38.262 ng

RT: 27.320 min Scan# 4086

Delta R.T. -0.000 min

Lab File: BM040110.D

Acq: 06 Jun 2023 18:58

Tgt Ion:276 Resp: 3408354

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 25.6 20.6 31.0

