

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040169.D
 Acq On : 08 Jun 2023 22:44
 Operator : MA/JU
 Sample : PB153236BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153236BSD

Quant Time: Jun 09 02:24:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 23:25:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	277478	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1252283	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	748950	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1528399	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1591841	20.000	ng	0.00
86) Perylene-d12	23.986	264	1674573	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2868856	154.378	ng	0.00
7) Phenol-d6	7.151	99	3612827	142.476	ng	0.00
23) Nitrobenzene-d5	9.157	82	1992173	86.105	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1711520	151.887	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4955579	87.454	ng	0.00
79) Terphenyl-d14	19.986	244	9092216	105.291	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	258556	35.036	ng	98
3) Pyridine	3.805	79	740655	34.992	ng	97
4) n-Nitrosodimethylamine	3.716	42	367043	42.771	ng	91
6) Aniline	7.310	93	1210249	39.435	ng	99
8) 2-Chlorophenol	7.551	128	1060585	53.978	ng	98
9) Benzaldehyde	7.122	77	488579	36.183	ng	98
10) Phenol	7.175	94	1369931	54.932	ng	98
11) bis(2-Chloroethyl)ether	7.410	93	954035	47.469	ng	97
12) 1,3-Dichlorobenzene	7.875	146	988524	50.045	ng	99
13) 1,4-Dichlorobenzene	8.022	146	1016169	50.348	ng	99
14) 1,2-Dichlorobenzene	8.345	146	993861	50.036	ng	99
15) Benzyl Alcohol	8.234	79	844084	50.439	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	1174314	45.832	ng	99
17) 2-Methylphenol	8.434	107	898047	50.539	ng	99
18) Hexachloroethane	9.075	117	360176	49.840	ng	97
19) n-Nitroso-di-n-propyla...	8.804	70	701940	45.562	ng	97
20) 3+4-Methylphenols	8.763	107	1206849	49.749	ng	99
22) Acetophenone	8.816	105	1538228	47.036	ng	# 98
24) Nitrobenzene	9.198	77	1073378	45.073	ng	97
25) Isophorone	9.728	82	1991564	45.583	ng	98
26) 2-Nitrophenol	9.910	139	506530	51.188	ng	99
27) 2,4-Dimethylphenol	9.969	122	1020779	52.724	ng	99
28) bis(2-Chloroethoxy)met...	10.210	93	1292985	45.842	ng	99
29) 2,4-Dichlorophenol	10.445	162	949323	53.459	ng	99
30) 1,2,4-Trichlorobenzene	10.663	180	880841	48.968	ng	99
31) Naphthalene	10.851	128	3104298	46.023	ng	100
32) Benzoic acid	10.116	122	704425	47.446	ng	96
33) 4-Chloroaniline	10.963	127	598363	19.919	ng	97
34) Hexachlorobutadiene	11.139	225	442864	46.936	ng	98
35) Caprolactam	11.751	113	159912	26.223	ng	91
36) 4-Chloro-3-methylphenol	12.080	107	1049042	50.872	ng	98
37) 2-Methylnaphthalene	12.457	142	2118902	45.428	ng	100
38) 1-Methylnaphthalene	12.675	142	1983992	45.105	ng	99
40) 1,2,4,5-Tetrachloroben...	12.827	216	958788	48.288	ng	99
41) Hexachlorocyclopentadiene	12.804	237	1241548	119.915	ng	98
43) 2,4,6-Trichlorophenol	13.063	196	690467	50.699	ng	100

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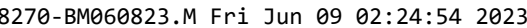
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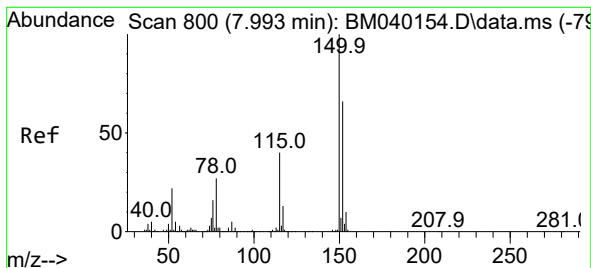
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	768863	46.770	ng	98
46) 1,1'-Biphenyl	13.463	154	2874238	47.861	ng	99
47) 2-Chloronaphthalene	13.510	162	2203065	49.382	ng	98
48) 2-Nitroaniline	13.710	65	654316	48.915	ng	93
49) Acenaphthylene	14.351	152	3615974	48.886	ng	100
50) Dimethylphthalate	14.086	163	2761671	47.277	ng	100
51) 2,6-Dinitrotoluene	14.204	165	583685	49.856	ng	94
52) Acenaphthene	14.692	154	2171686	47.602	ng	99
53) 3-Nitroaniline	14.533	138	451331	30.899	ng	94
54) 2,4-Dinitrophenol	14.739	184	700833	92.645	ng	# 84
55) Dibenzofuran	15.027	168	3431064	48.076	ng	98
56) 4-Nitrophenol	14.839	139	1341471	113.393	ng	94
57) 2,4-Dinitrotoluene	14.986	165	842365	53.914	ng	93
58) Fluorene	15.674	166	2927733	49.010	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	684916	53.284	ng	96
60) Diethylphthalate	15.445	149	2887382	48.717	ng	99
61) 4-Chlorophenyl-phenyle...	15.668	204	1375466	49.260	ng	97
62) 4-Nitroaniline	15.698	138	764369	49.125	ng	94
63) Azobenzene	15.957	77	2691397	46.705	ng	96
65) 4,6-Dinitro-2-methylph...	15.751	198	435234	50.769	ng	90
66) n-Nitrosodiphenylamine	15.880	169	2488590	49.712	ng	99
67) 4-Bromophenyl-phenylether	16.557	248	749743	48.842	ng	99
68) Hexachlorobenzene	16.674	284	925339	52.561	ng	95
69) Atrazine	16.833	200	817810	59.776	ng	98
70) Pentachlorophenol	17.015	266	1317545	101.950	ng	99
71) Phenanthrene	17.415	178	4420503	49.638	ng	100
72) Anthracene	17.504	178	4546918	51.179	ng	99
73) Carbazole	17.774	167	4374023	51.616	ng	100
74) Di-n-butylphthalate	18.333	149	4835481	50.878	ng	100
75) Fluoranthene	19.421	202	4782695	50.609	ng	99
77) Benzidine	19.609	184	2436995	81.517	ng	100
78) Pyrene	19.786	202	5211729	49.099	ng	100
80) Butylbenzylphthalate	20.680	149	2209955	51.510	ng	93
81) Benzo(a)anthracene	21.533	228	5521631	50.867	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	1541572	42.731	ng	99
83) Chrysene	21.586	228	5128855	49.876	ng	100
84) Bis(2-ethylhexyl)phtha...	21.456	149	3308336	52.216	ng	98
85) Di-n-octyl phthalate	22.392	149	5793213	56.306	ng	97
87) Indeno(1,2,3-cd)pyrene	26.532	276	6691923	53.296	ng	98
88) Benzo(b)fluoranthene	23.244	252	5662969	55.837	ng	99
89) Benzo(k)fluoranthene	23.291	252	5711811	53.886	ng	98
90) Benzo(a)pyrene	23.874	252	4806939	49.631	ng	99
91) Dibenzo(a,h)anthracene	26.544	278	5854860	54.016	ng	98
92) Benzo(g,h,i)perylene	27.309	276	4824559	51.817	ng	97

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

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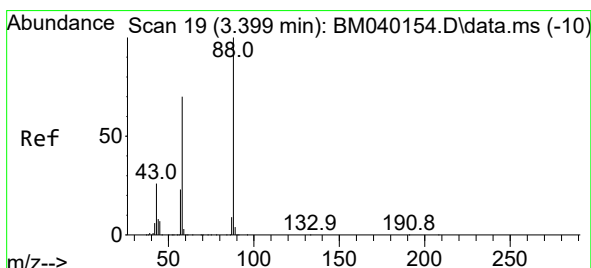
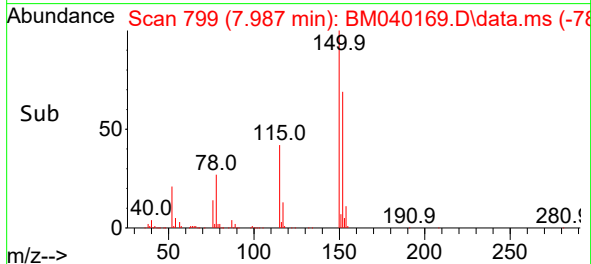
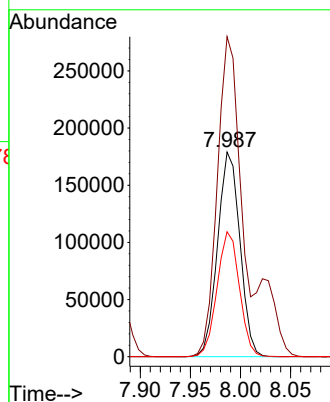
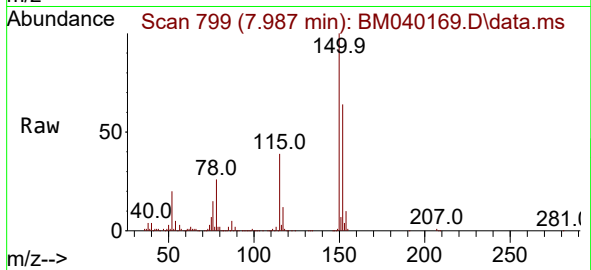




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

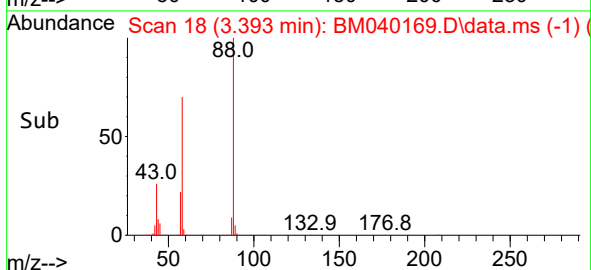
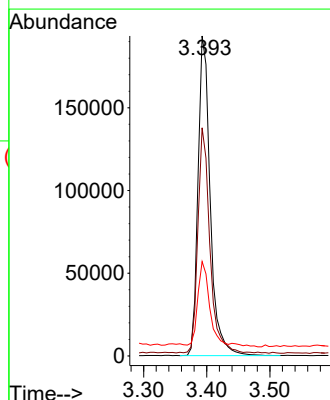
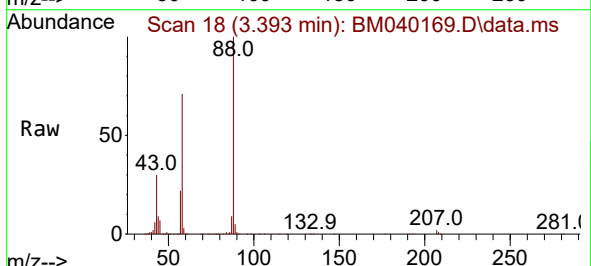
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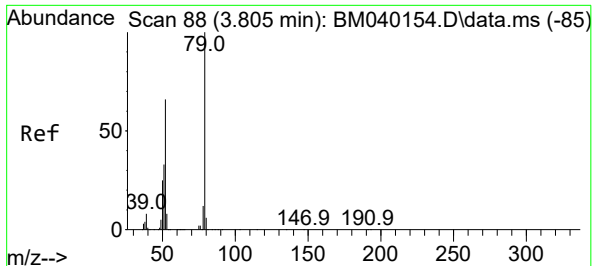
Tgt Ion:152 Resp: 277478
Ion Ratio Lower Upper
152 100
150 156.4 121.4 182.0
115 61.1 48.2 72.4



#2
1,4-Dioxane
Concen: 35.036 ng
RT: 3.393 min Scan# 18
Delta R.T. -0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion: 88 Resp: 258556
Ion Ratio Lower Upper
88 100
58 69.1 56.4 84.6
43 27.3 21.2 31.8

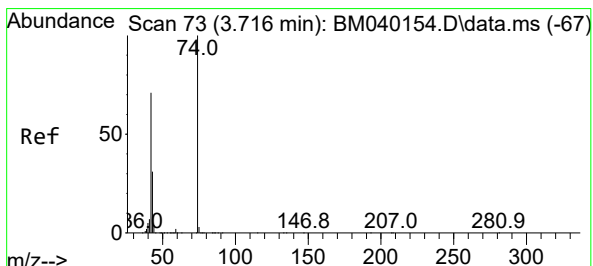
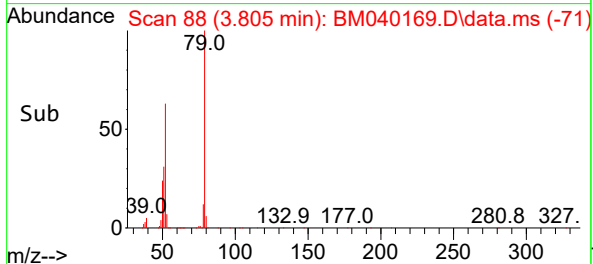
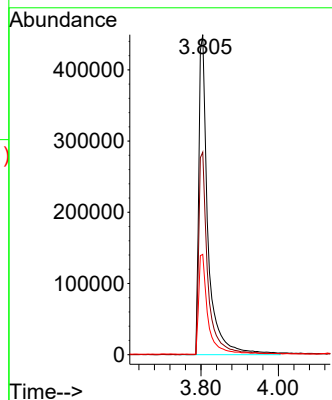
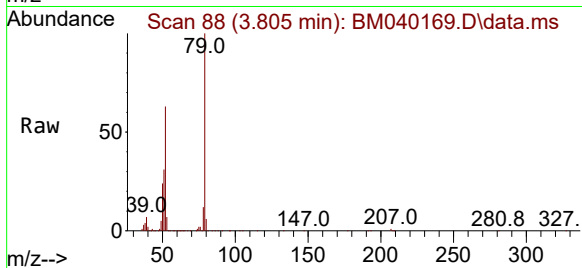




#3
 Pyridine
 Concen: 34.992 ng
 RT: 3.805 min Scan# 88
 Delta R.T. -0.000 min
 Lab File: BM040169.D
 Acq: 08 Jun 2023 22:44

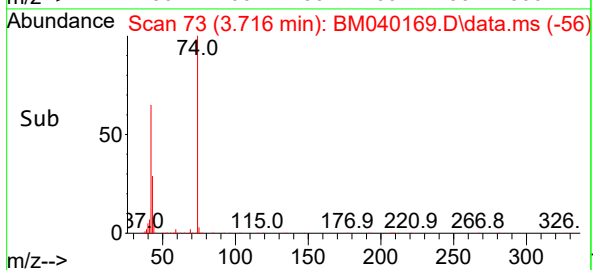
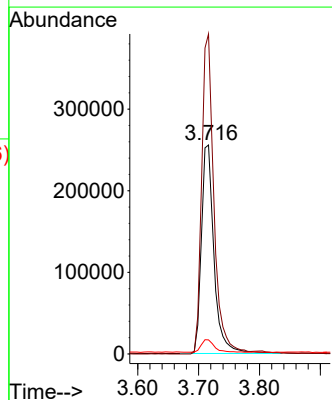
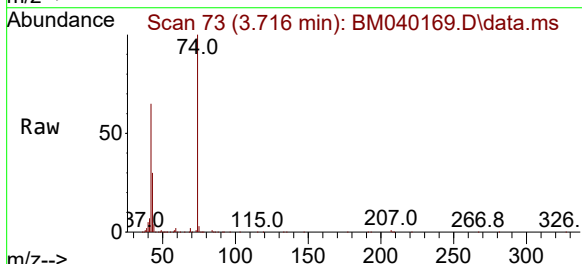
Instrument :
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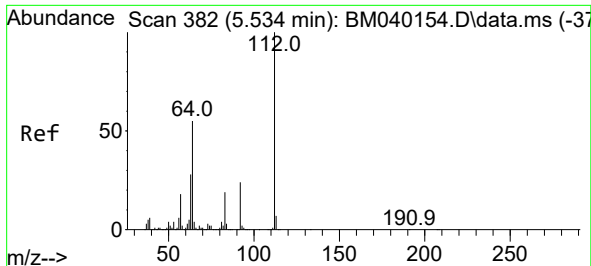
Tgt Ion: 79 Resp: 740655
 Ion Ratio Lower Upper
 79 100
 52 63.3 52.8 79.2
 51 31.3 26.2 39.4



#4
 n-Nitrosodimethylamine
 Concen: 42.771 ng
 RT: 3.716 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: BM040169.D
 Acq: 08 Jun 2023 22:44

Tgt Ion: 42 Resp: 367043
 Ion Ratio Lower Upper
 42 100
 74 153.1 113.0 169.4
 44 6.8 5.8 8.6

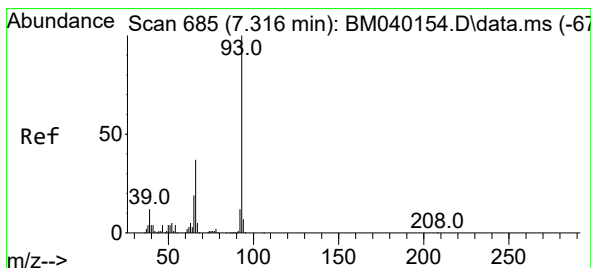
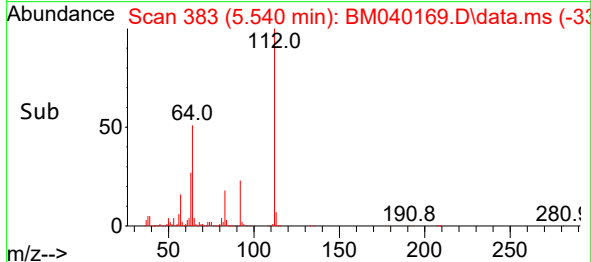
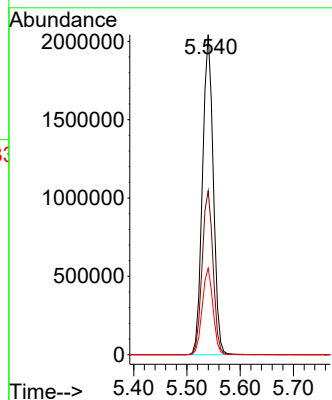
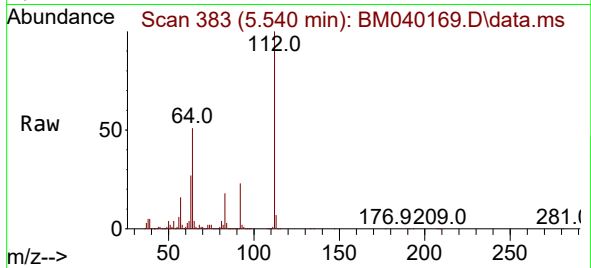




#5
2-Fluorophenol
Concen: 154.378 ng
RT: 5.540 min Scan# 382
Delta R.T. 0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

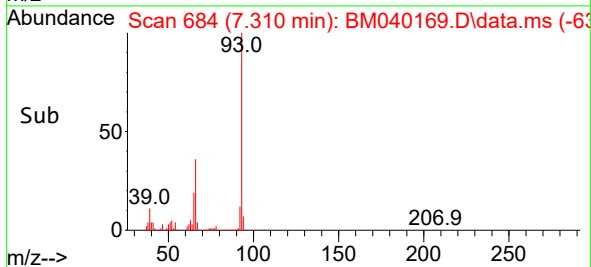
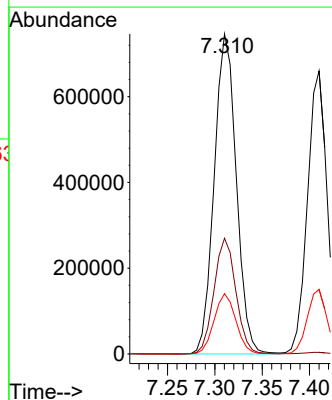
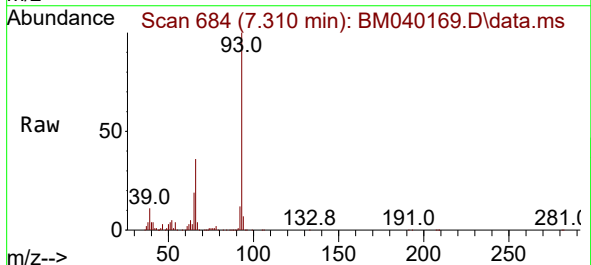
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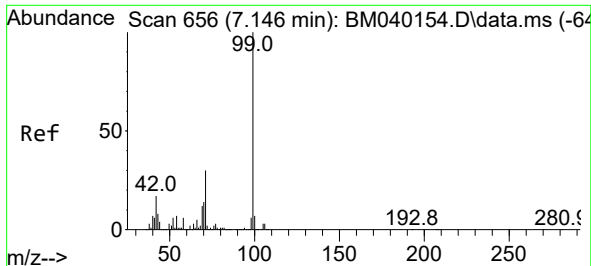
Tgt Ion:112 Resp: 2868856
Ion Ratio Lower Upper
112 100
64 51.2 43.8 65.6
63 27.1 22.8 34.2



#6
Aniline
Concen: 39.435 ng
RT: 7.310 min Scan# 684
Delta R.T. -0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion: 93 Resp: 1210249
Ion Ratio Lower Upper
93 100
66 36.2 29.4 44.0
65 18.9 15.3 22.9

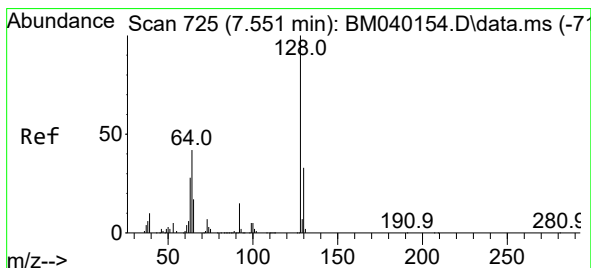
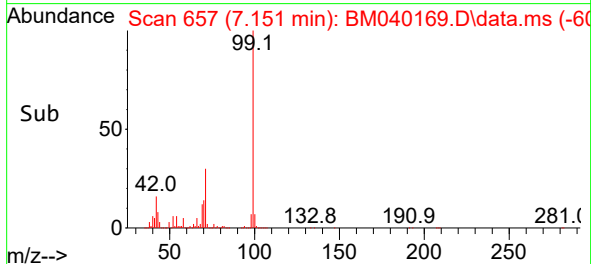
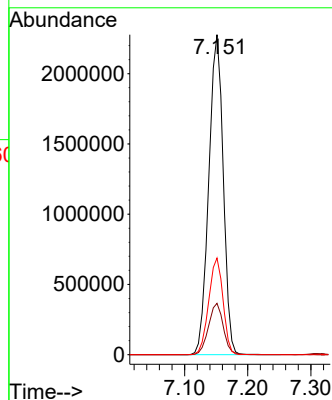
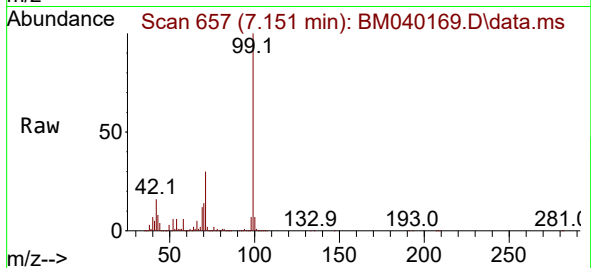




#7
Phenol-d6
Concen: 142.476 ng
RT: 7.151 min Scan# 657
Delta R.T. 0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

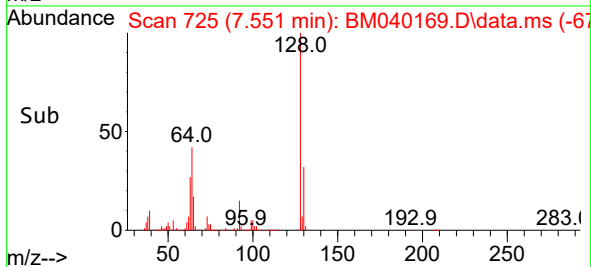
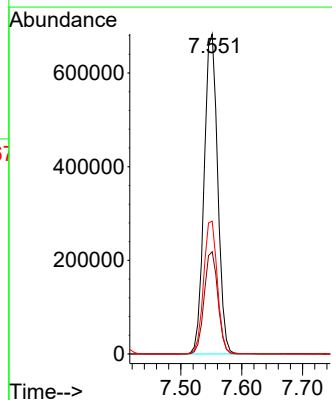
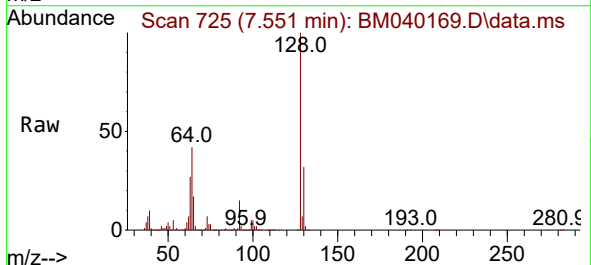
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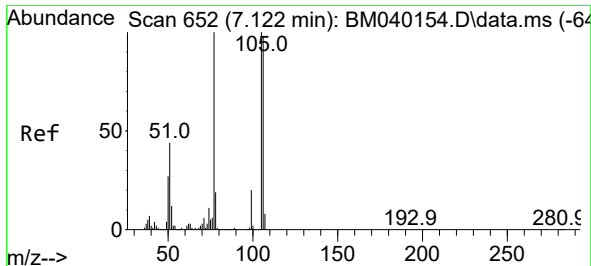
Tgt Ion: 99 Resp: 3612827
Ion Ratio Lower Upper
99 100
42 16.0 13.4 20.2
71 30.2 24.3 36.5



#8
2-Chlorophenol
Concen: 53.978 ng
RT: 7.551 min Scan# 725
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion: 128 Resp: 1060585
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 41.5 23.8 63.8

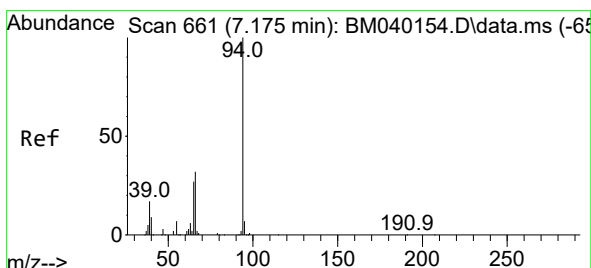
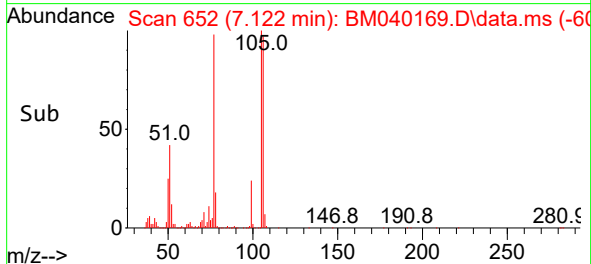
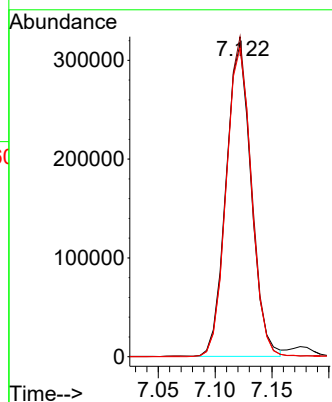
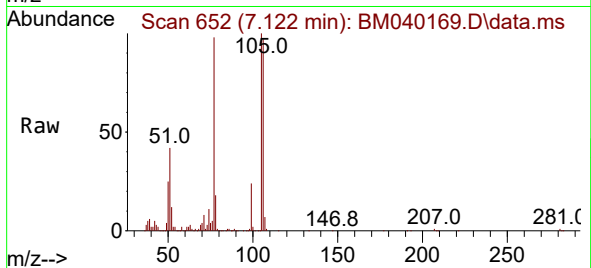




#9
Benzaldehyde
Concen: 36.183 ng
RT: 7.122 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040169.D
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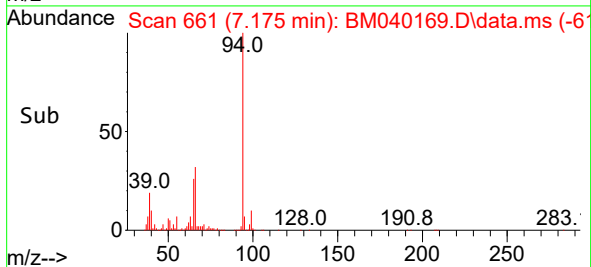
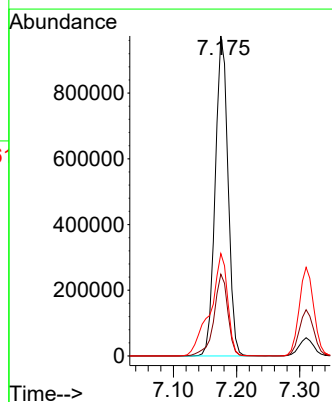
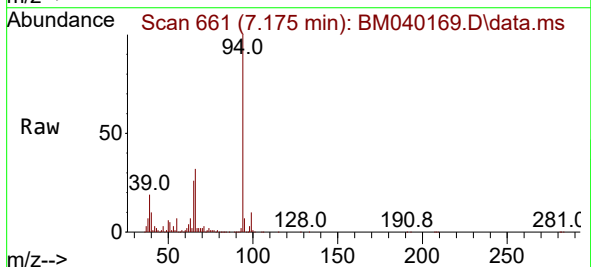
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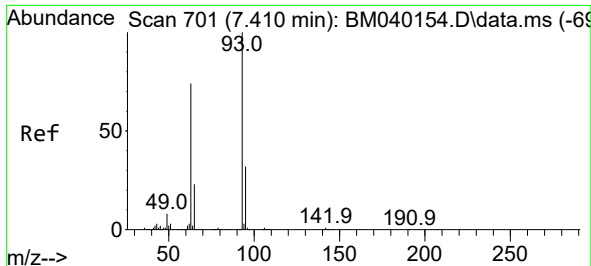
Tgt Ion: 77 Resp: 488579
Ion Ratio Lower Upper
77 100
105 102.4 79.8 119.8
106 98.8 77.4 117.4



#10
Phenol
Concen: 54.932 ng
RT: 7.175 min Scan# 661
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion: 94 Resp: 1369931
Ion Ratio Lower Upper
94 100
65 25.5 6.9 46.9
66 32.0 12.5 52.5

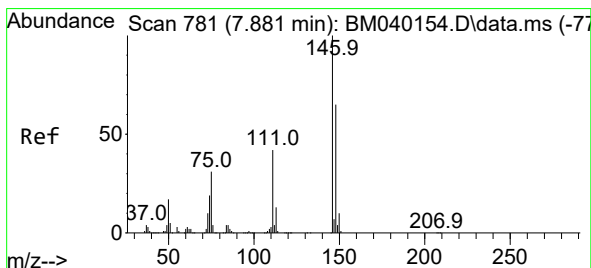
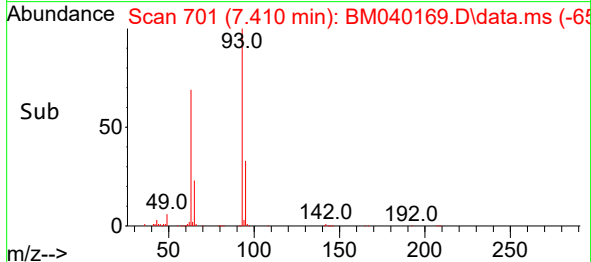
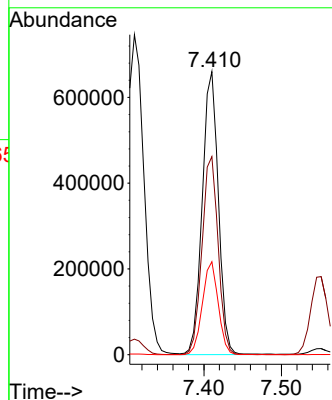
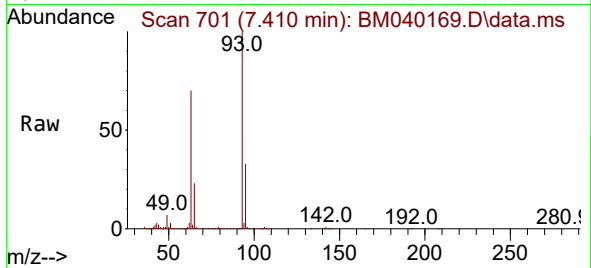




#11
bis(2-Chloroethyl)ether
Concen: 47.469 ng
RT: 7.410 min Scan# 701
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

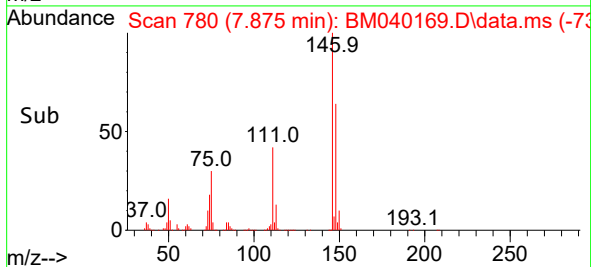
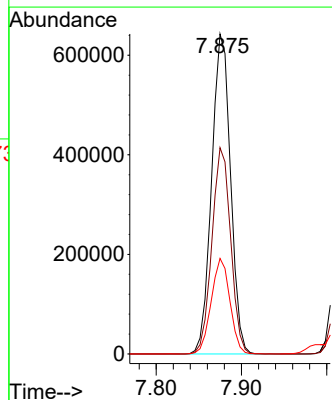
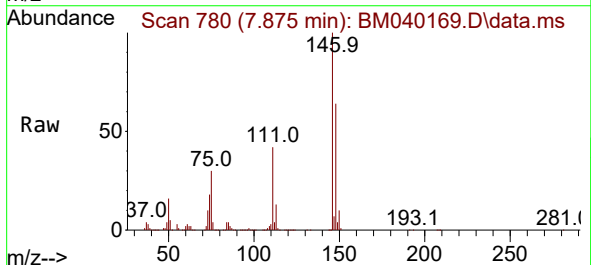
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

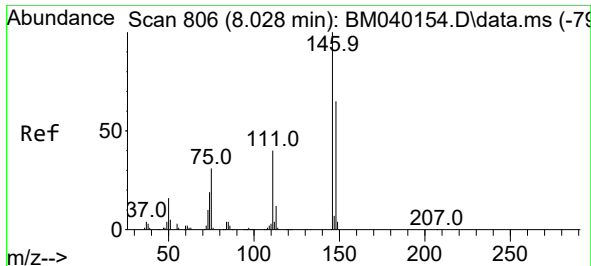
Tgt Ion: 93 Resp: 954035
Ion Ratio Lower Upper
93 100
63 70.0 53.6 93.6
95 32.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 50.045 ng
RT: 7.875 min Scan# 780
Delta R.T. -0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:146 Resp: 988524
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 29.8 24.8 37.2

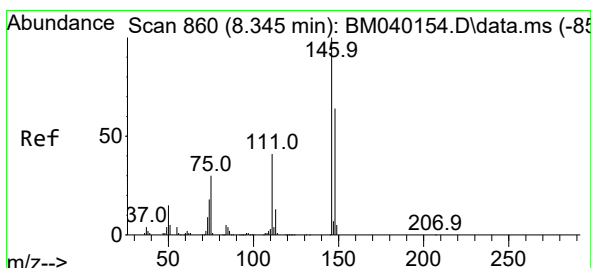
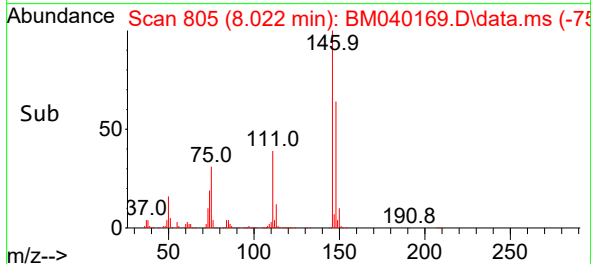
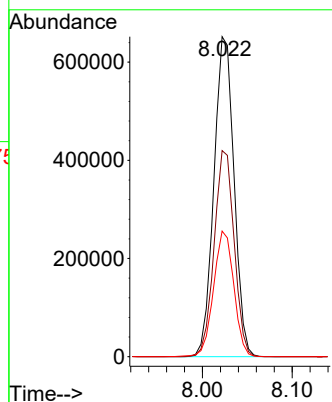
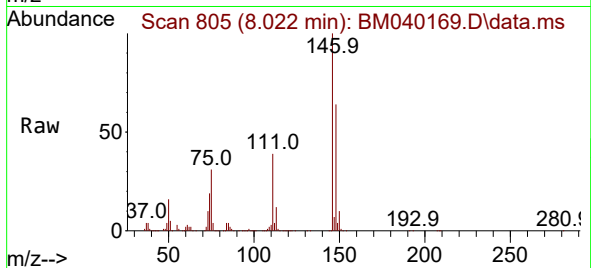




#13
1,4-Dichlorobenzene
Concen: 50.348 ng
RT: 8.022 min Scan# 805
Delta R.T. -0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

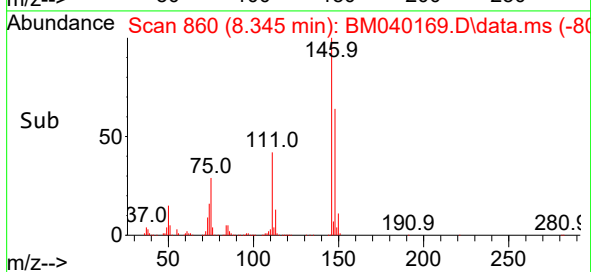
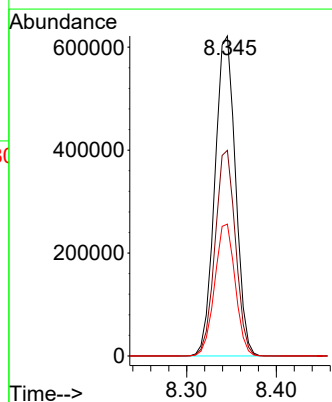
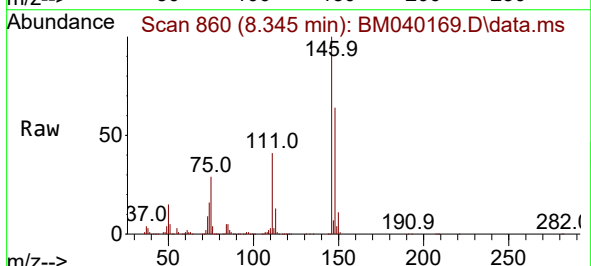
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

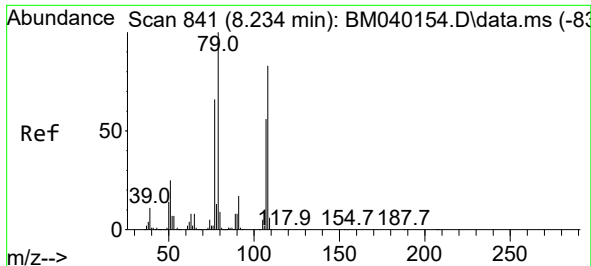
Tgt Ion:146 Resp: 1016169
Ion Ratio Lower Upper
146 100
148 64.4 52.1 78.1
111 39.2 31.9 47.9



#14
1,2-Dichlorobenzene
Concen: 50.036 ng
RT: 8.345 min Scan# 860
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:146 Resp: 993861
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 41.2 33.4 50.0

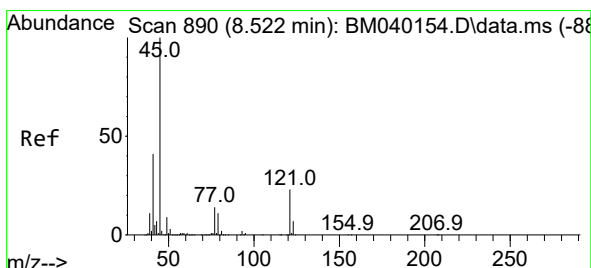
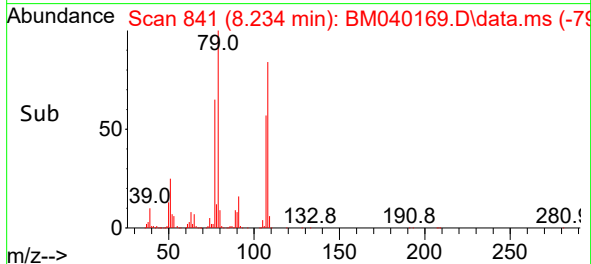
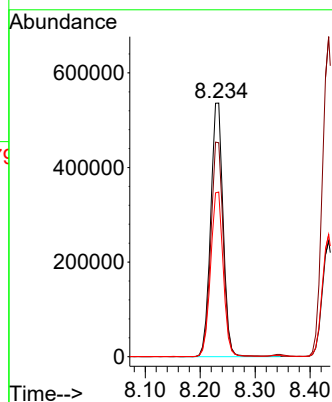
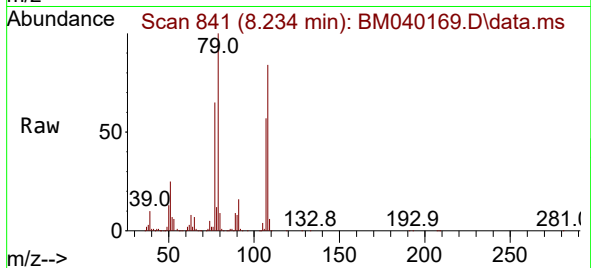




#15
Benzyl Alcohol
Concen: 50.439 ng
RT: 8.234 min Scan# 841
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

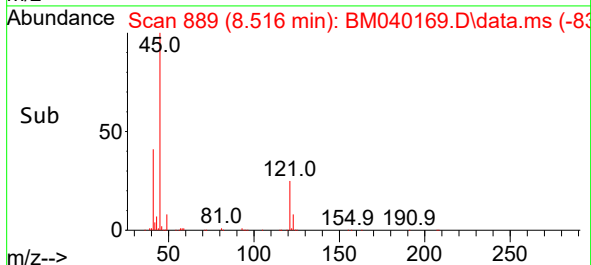
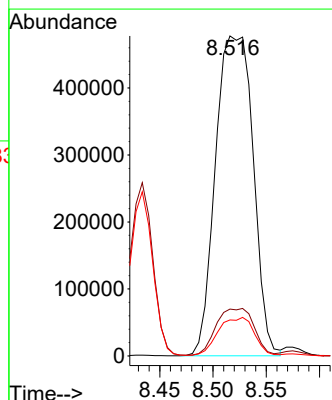
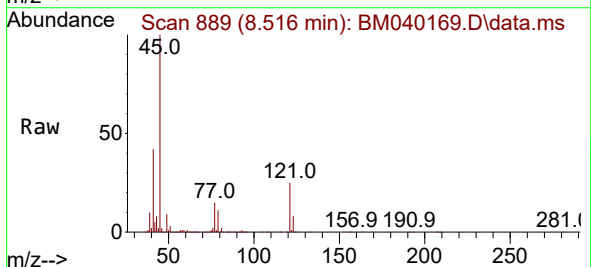
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

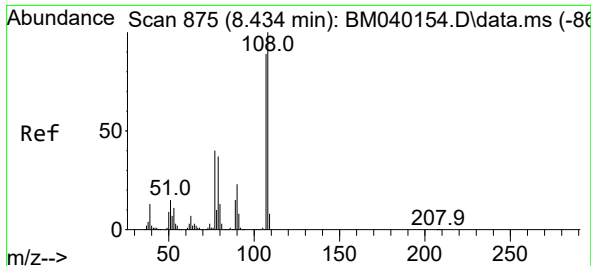
Tgt Ion: 79 Resp: 844084
Ion Ratio Lower Upper
79 100
108 84.4 66.4 99.6
77 64.9 52.6 78.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.832 ng
RT: 8.516 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion: 45 Resp: 1174314
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.3
79 11.2 0.0 31.2

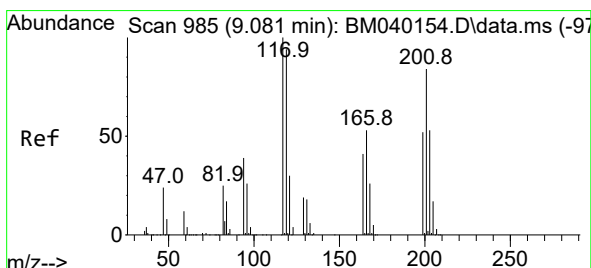
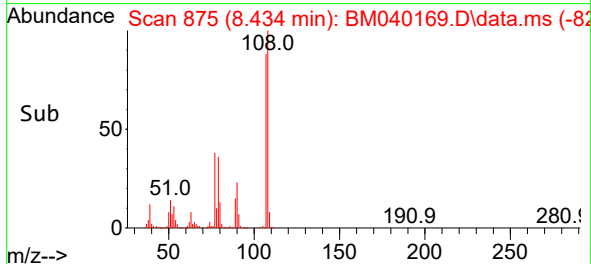
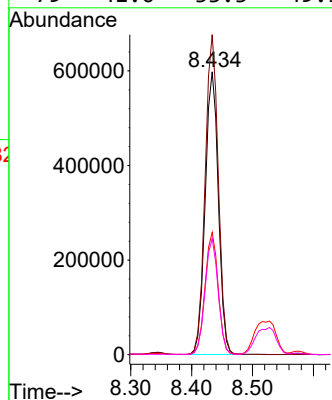
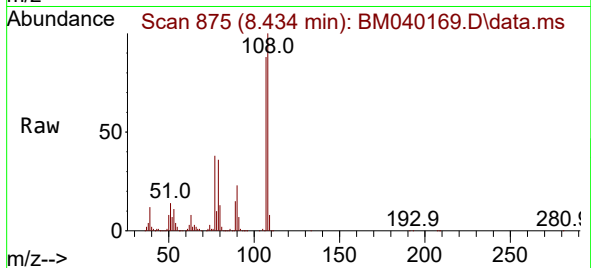




#17
2-Methylphenol
Concen: 50.539 ng
RT: 8.434 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

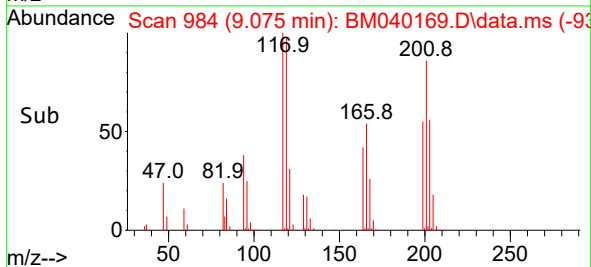
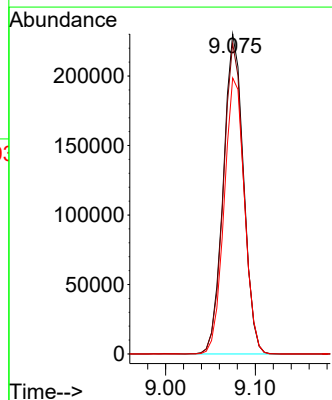
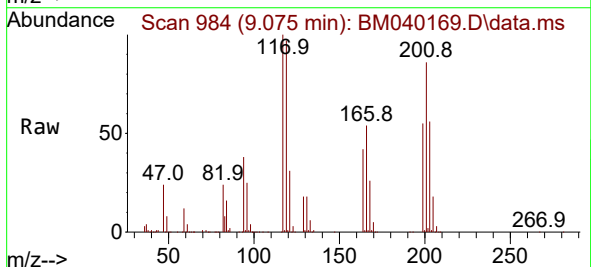
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

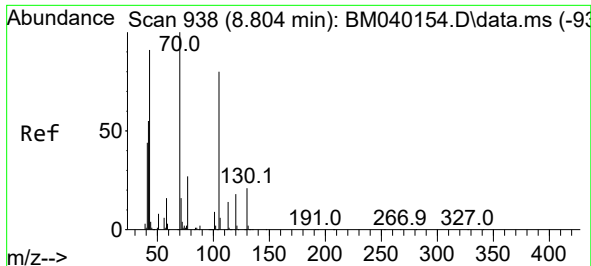
Tgt Ion:107 Resp: 898047
Ion Ratio Lower Upper
107 100
108 113.1 90.1 135.1
77 43.3 35.8 53.8
79 41.0 33.3 49.9



#18
Hexachloroethane
Concen: 49.840 ng
RT: 9.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:117 Resp: 360176
Ion Ratio Lower Upper
117 100
119 97.1 75.6 113.4
201 86.3 66.9 100.3

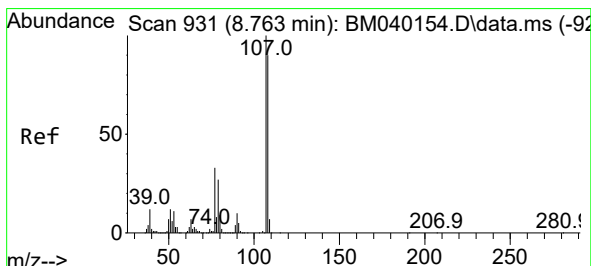
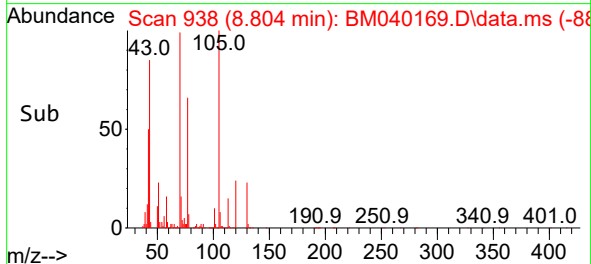
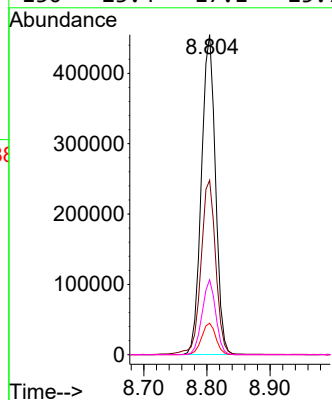
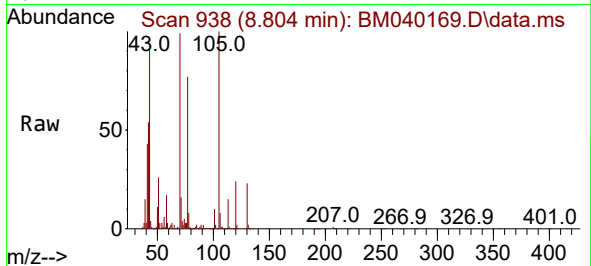




#19
n-Nitroso-di-n-propylamine
Concen: 45.562 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

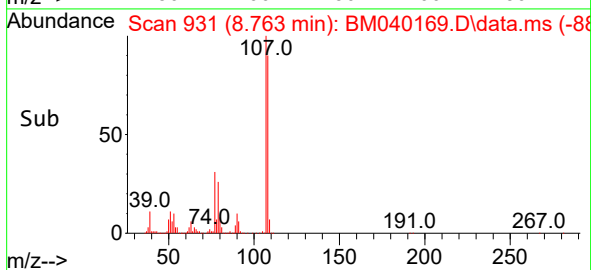
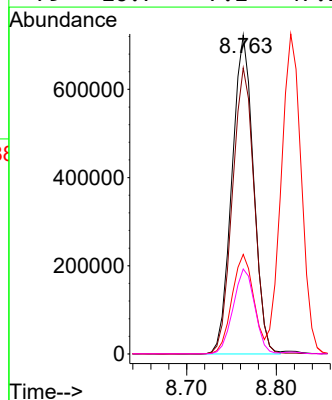
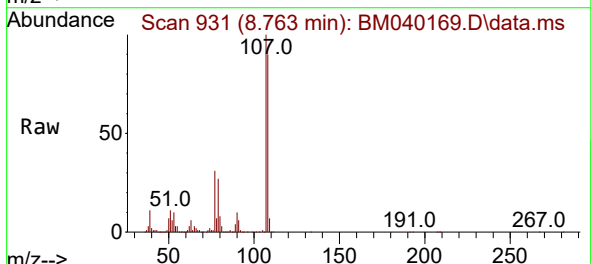
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

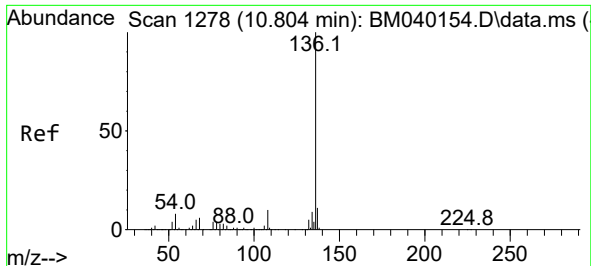
Tgt Ion: 70 Resp: 701940
Ion Ratio Lower Upper
70 100
42 54.5 44.8 67.2
101 9.9 7.5 11.3
130 23.4 17.1 25.7



#20
3+4-Methylphenols
Concen: 49.749 ng
RT: 8.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion: 107 Resp: 1206849
Ion Ratio Lower Upper
107 100
108 89.7 69.8 109.8
77 31.2 13.0 53.0
79 26.7 7.2 47.2

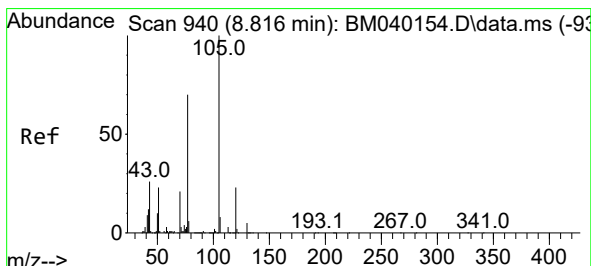
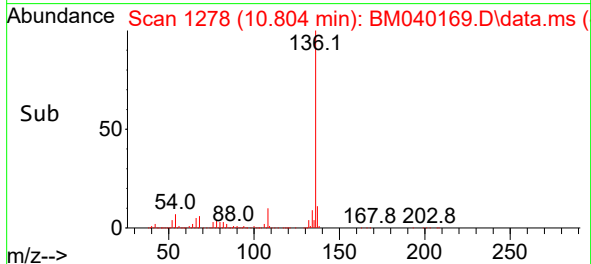
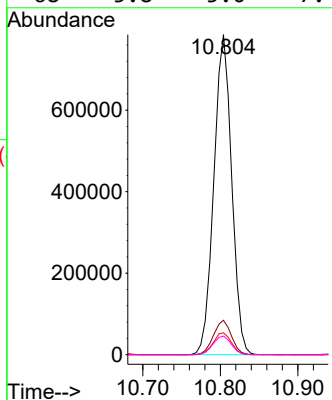
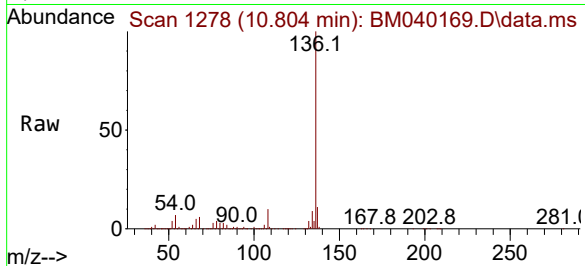




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

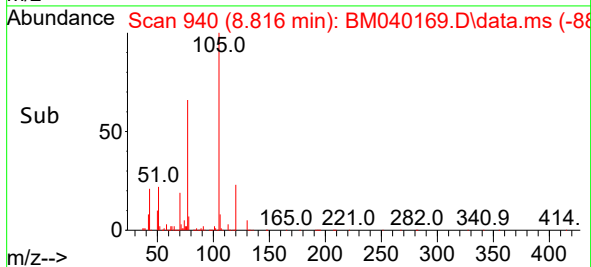
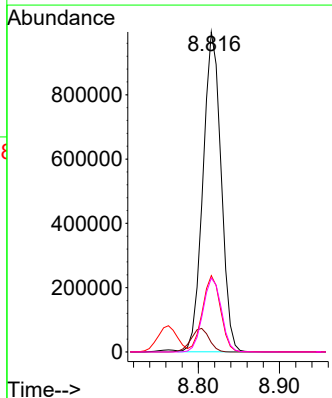
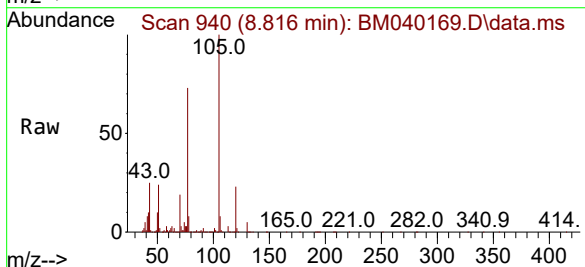
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

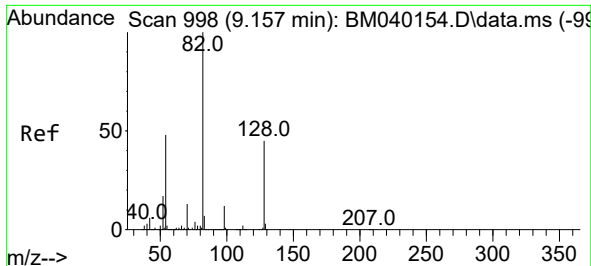
Tgt Ion:136 Resp: 1252283
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.9 6.2 9.4
68 5.8 5.0 7.4



#22
Acetophenone
Concen: 47.036 ng
RT: 8.816 min Scan# 940
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:105 Resp: 1538228
Ion Ratio Lower Upper
105 100
71 2.9 3.0 4.6#
51 23.9 20.6 31.0
120 23.1 18.7 28.1

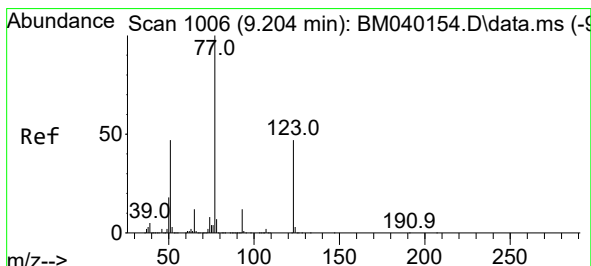
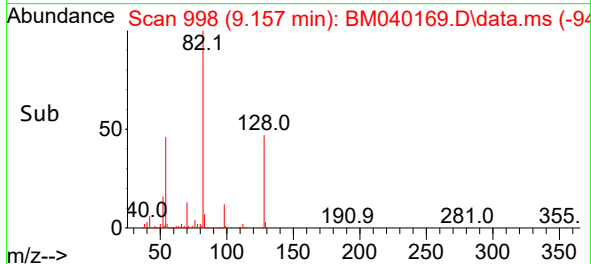
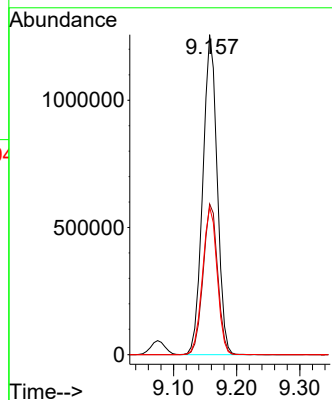
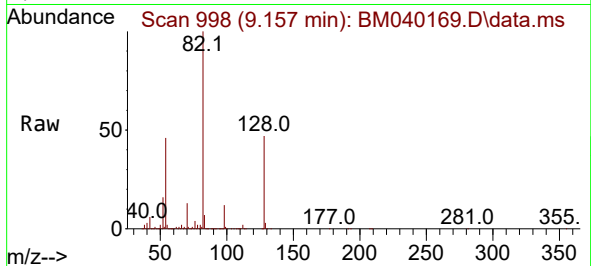




#23
Nitrobenzene-d5
Concen: 86.105 ng
RT: 9.157 min Scan# 998
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

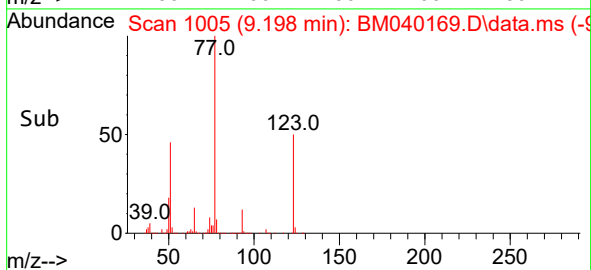
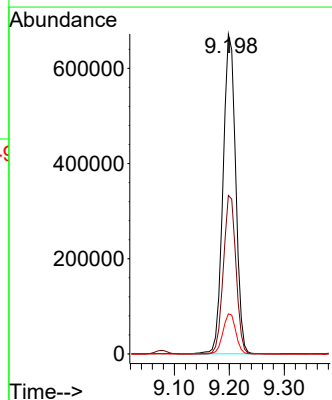
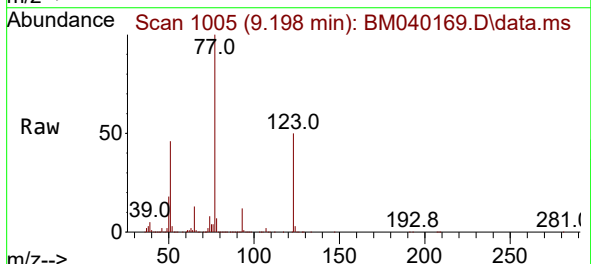
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

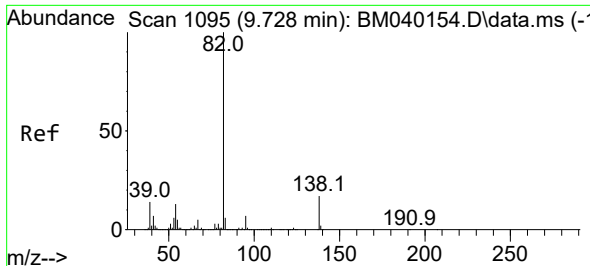
Tgt Ion: 82 Resp: 1992173
Ion Ratio Lower Upper
82 100
128 47.1 36.0 54.0
54 46.2 38.5 57.7



#24
Nitrobenzene
Concen: 45.073 ng
RT: 9.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion: 77 Resp: 1073378
Ion Ratio Lower Upper
77 100
123 49.5 37.5 56.3
65 12.6 10.0 15.0

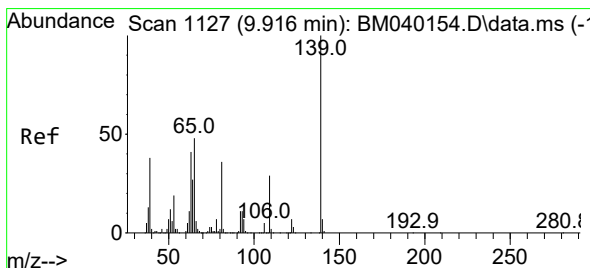
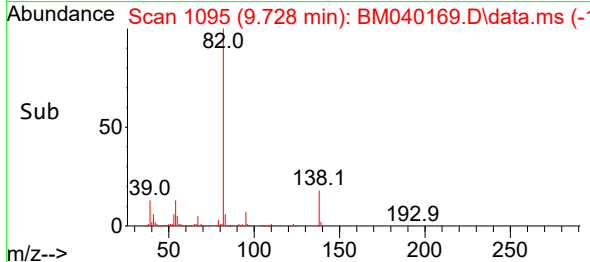
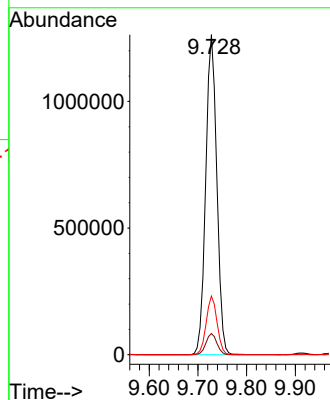
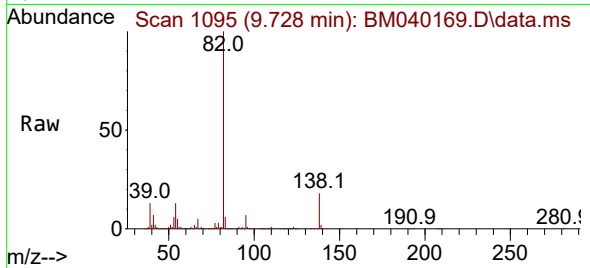




#25
Isophorone
Concen: 45.583 ng
RT: 9.728 min Scan# 1095
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

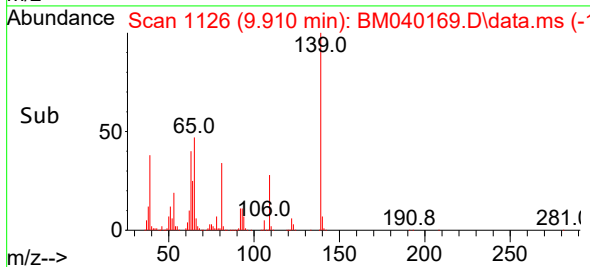
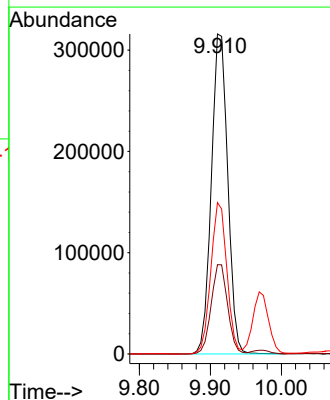
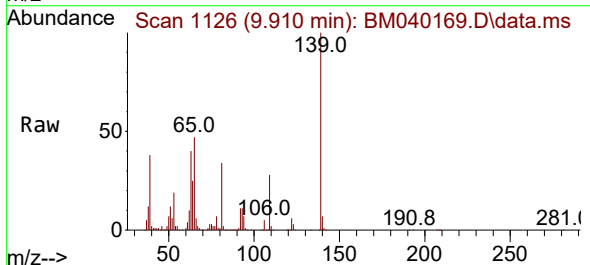
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

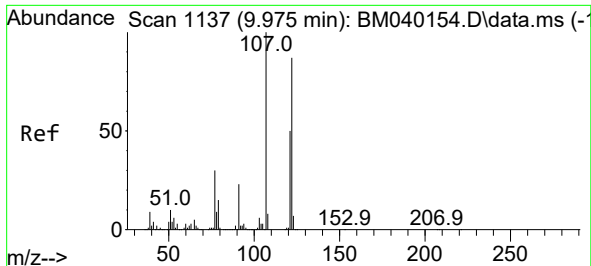
Tgt Ion: 82 Resp: 1991564
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 18.3 13.6 20.4



#26
2-Nitrophenol
Concen: 51.188 ng
RT: 9.910 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion: 139 Resp: 506530
Ion Ratio Lower Upper
139 100
109 27.9 23.2 34.8
65 47.3 38.4 57.6





#27

2,4-Dimethylphenol

Concen: 52.724 ng

RT: 9.969 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB153236BSD

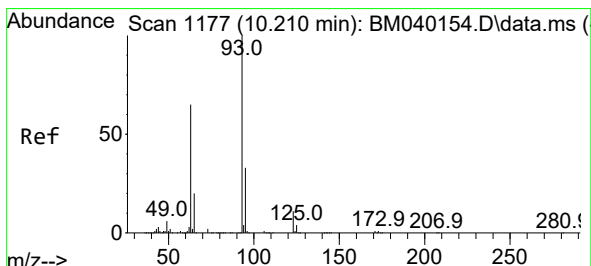
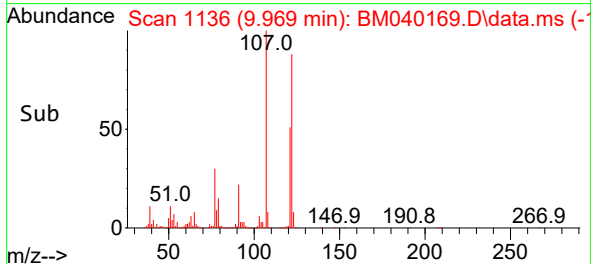
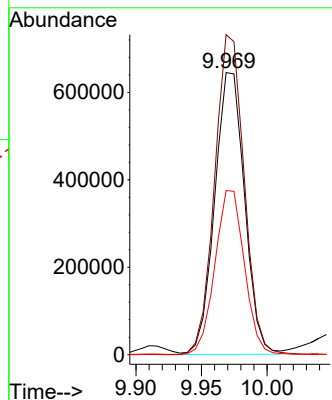
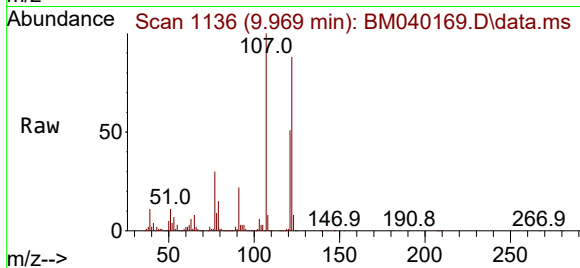
Tgt Ion:122 Resp: 1020779

Ion Ratio Lower Upper

122 100

107 113.4 92.0 138.0

121 58.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 45.842 ng

RT: 10.210 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

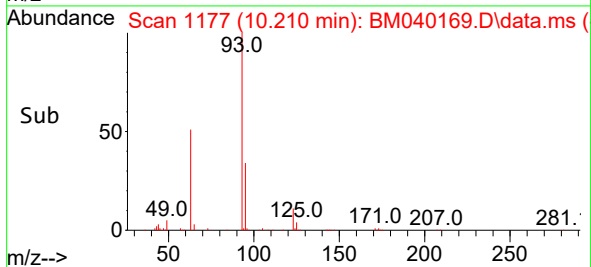
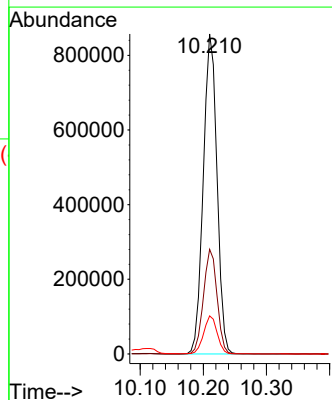
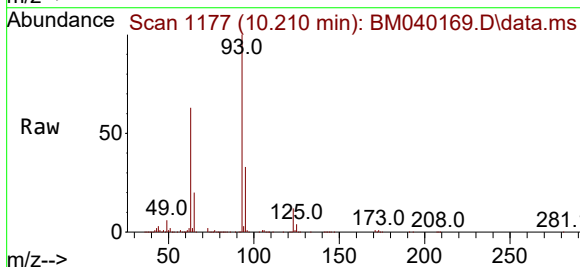
Tgt Ion: 93 Resp: 1292985

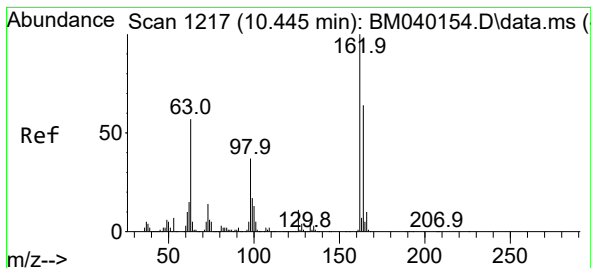
Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

123 11.9 9.0 13.6

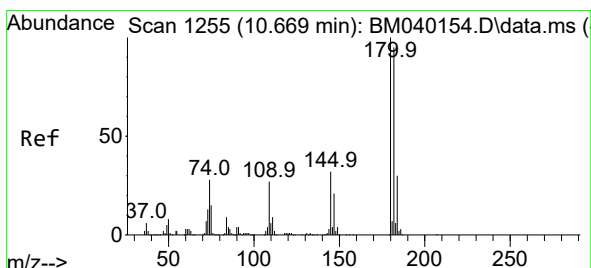
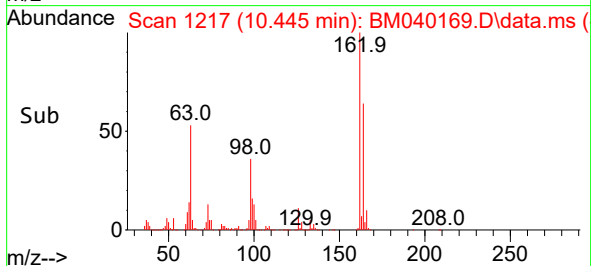
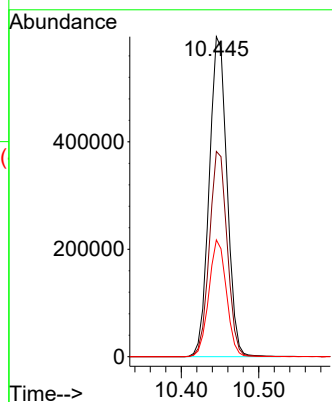
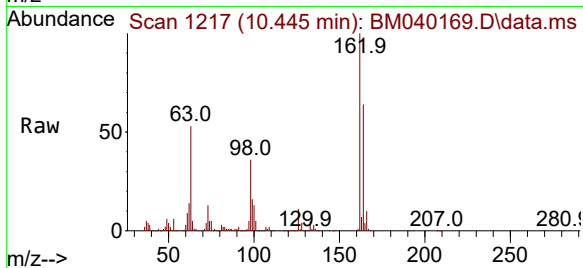




#29
2,4-Dichlorophenol
Concen: 53.459 ng
RT: 10.445 min Scan# 1217
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

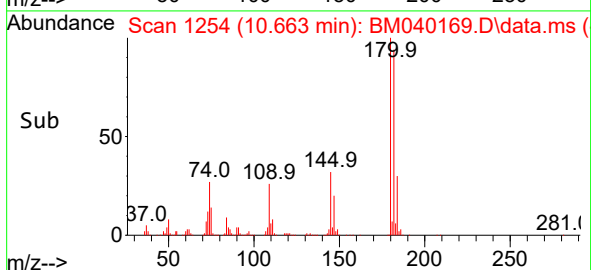
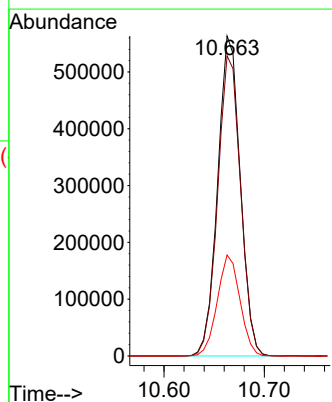
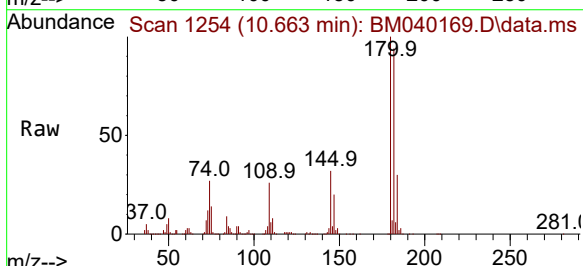
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

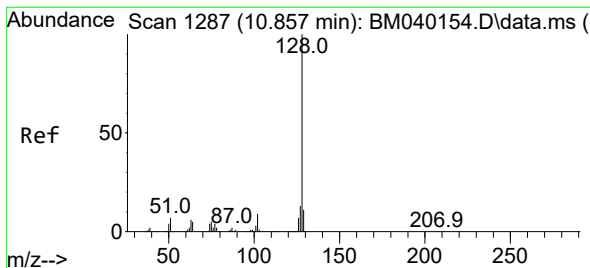
Tgt Ion:162 Resp: 949323
Ion Ratio Lower Upper
162 100
164 64.2 44.0 84.0
98 36.5 17.3 57.3



#30
1,2,4-Trichlorobenzene
Concen: 48.968 ng
RT: 10.663 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:180 Resp: 880841
Ion Ratio Lower Upper
180 100
182 93.8 76.1 114.1
145 31.6 25.5 38.3





#31

Naphthalene

Concen: 46.023 ng

RT: 10.851 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB153236BSD

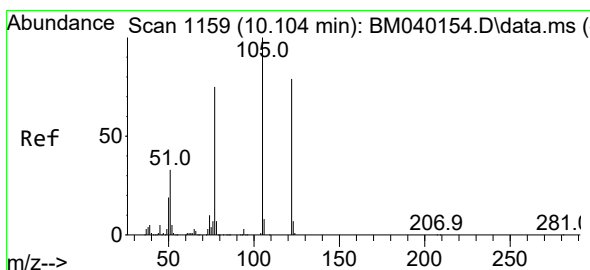
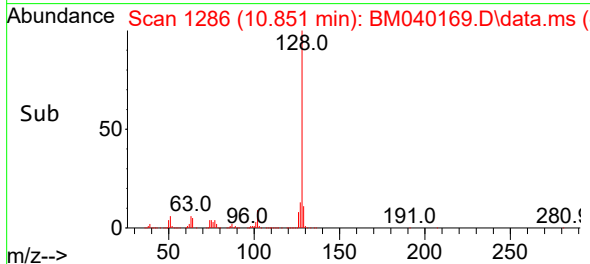
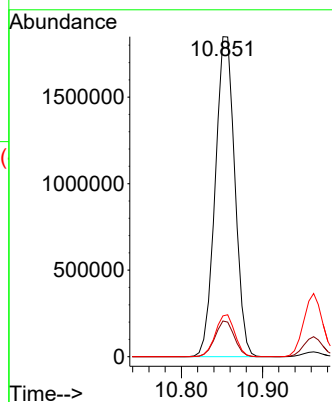
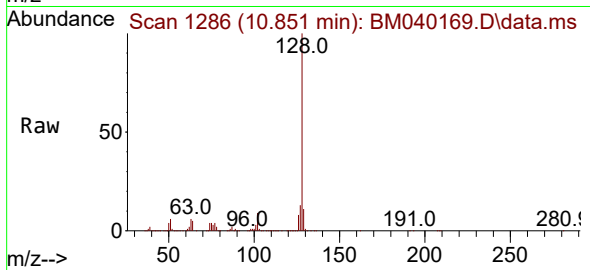
Tgt Ion:128 Resp: 3104298

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 12.8 10.5 15.7



#32

Benzoic acid

Concen: 47.446 ng

RT: 10.116 min Scan# 1161

Delta R.T. 0.012 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

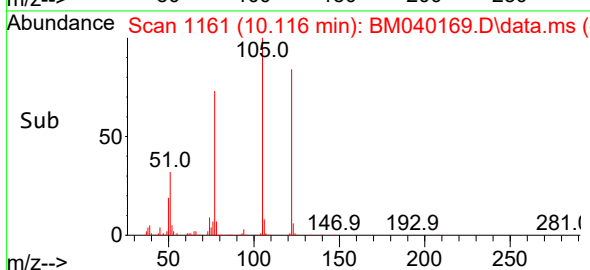
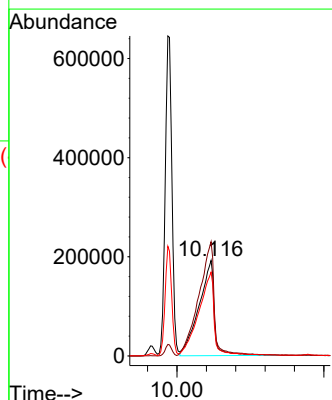
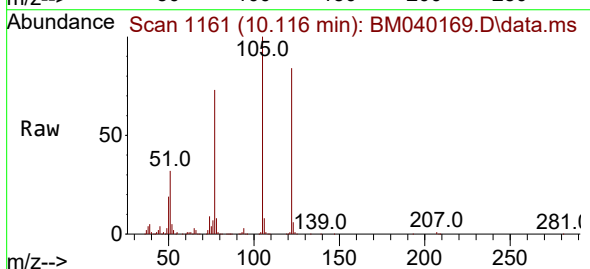
Tgt Ion:122 Resp: 704425

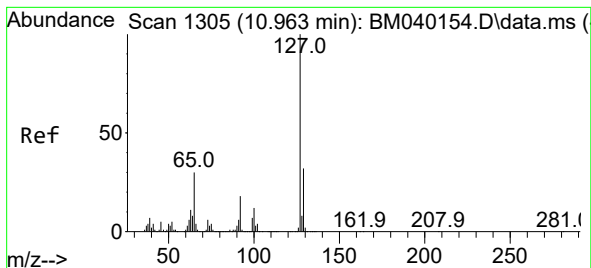
Ion Ratio Lower Upper

122 100

105 119.7 102.7 142.7

77 87.8 73.9 113.9

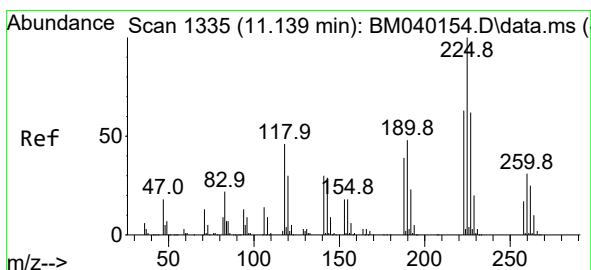
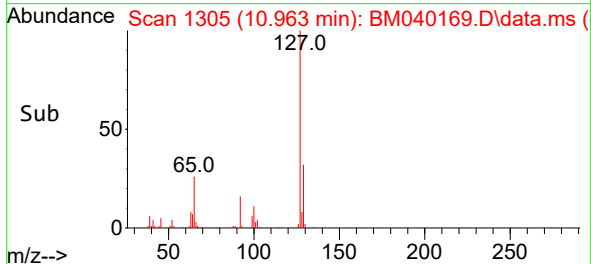
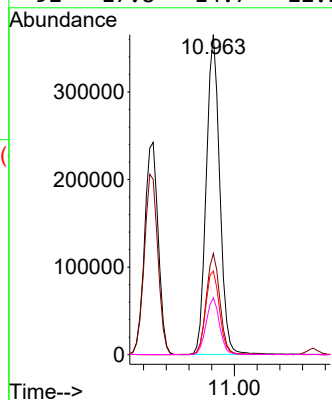
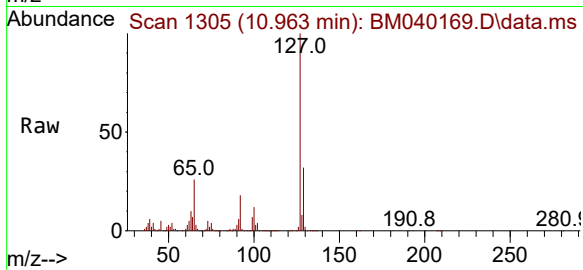




#33
4-Chloroaniline
Concen: 19.919 ng
RT: 10.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

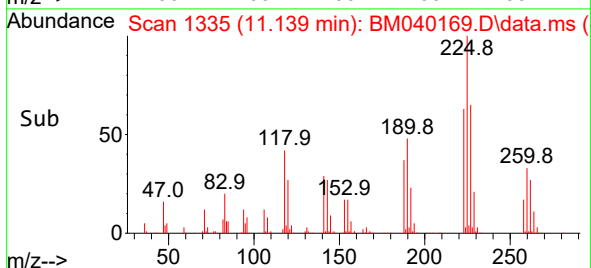
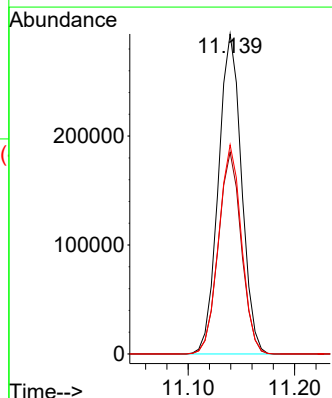
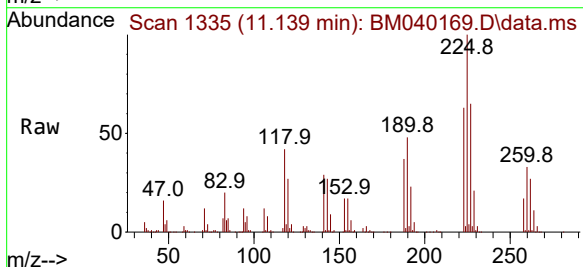
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

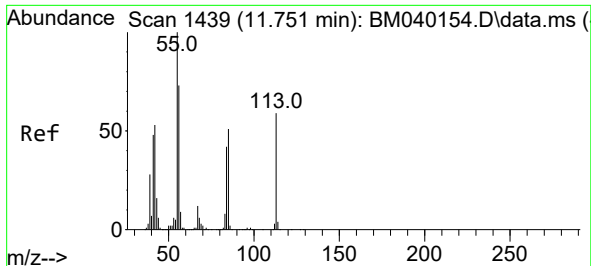
Tgt Ion:127	Resp: 598363
Ion Ratio	Lower Upper
127 100	
129 31.6	25.5 38.3
65 26.1	23.7 35.5
92 17.8	14.7 22.1



#34
Hexachlorobutadiene
Concen: 46.936 ng
RT: 11.139 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:225	Resp: 442864
Ion Ratio	Lower Upper
225 100	
223 63.1	50.4 75.6
227 65.4	49.6 74.4

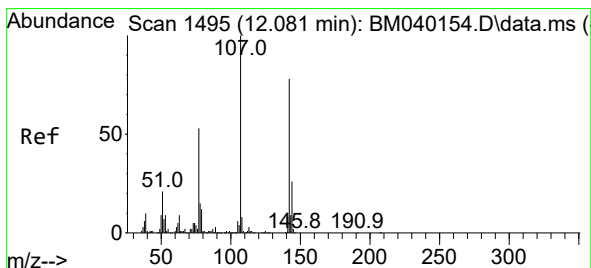
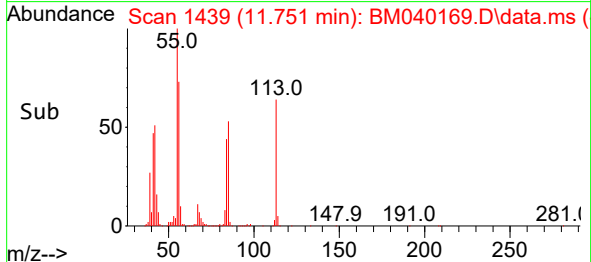
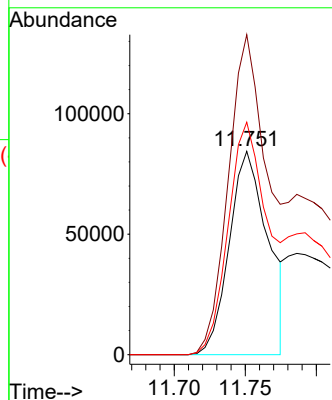
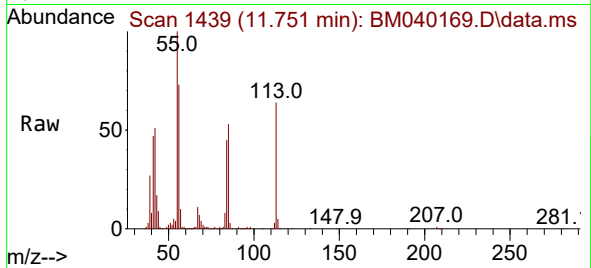




#35
Caprolactam
Concen: 26.223 ng
RT: 11.751 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

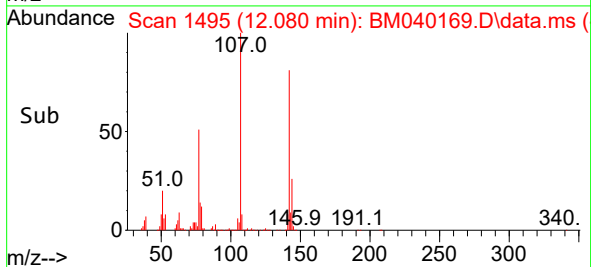
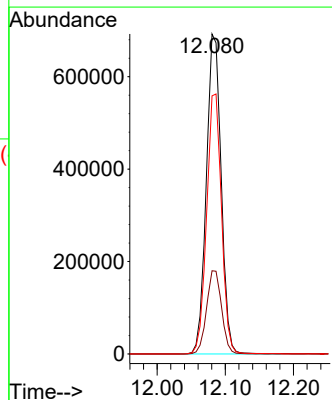
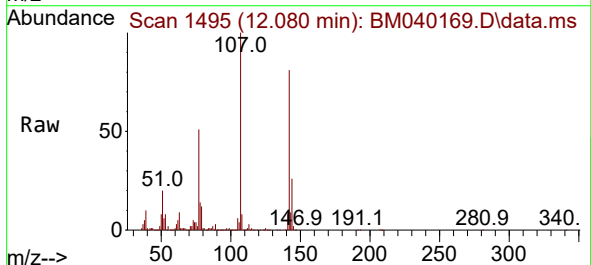
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

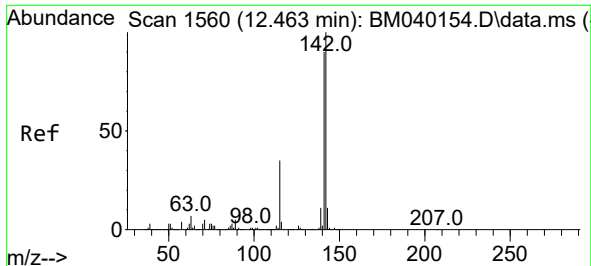
Tgt Ion:113 Resp: 159912
Ion Ratio Lower Upper
113 100
55 157.3 149.3 189.3
56 114.3 104.3 144.3



#36
4-Chloro-3-methylphenol
Concen: 50.872 ng
RT: 12.080 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:107 Resp: 1049042
Ion Ratio Lower Upper
107 100
144 26.0 20.5 30.7
142 80.7 62.7 94.1





#37

2-Methylnaphthalene

Concen: 45.428 ng

RT: 12.457 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB153236BSD

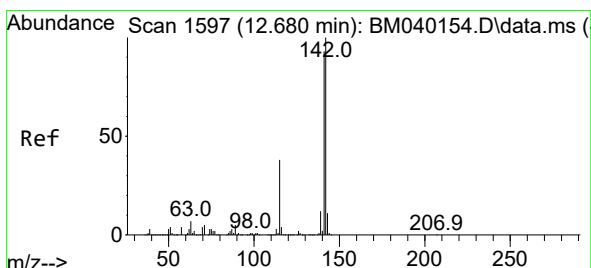
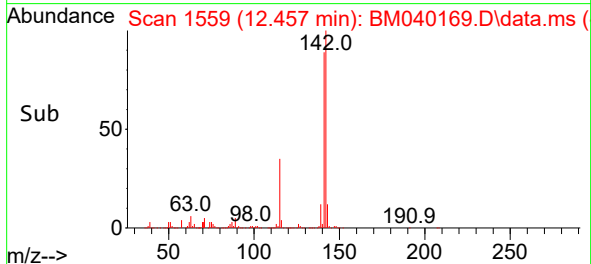
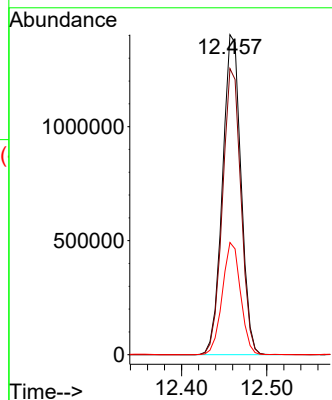
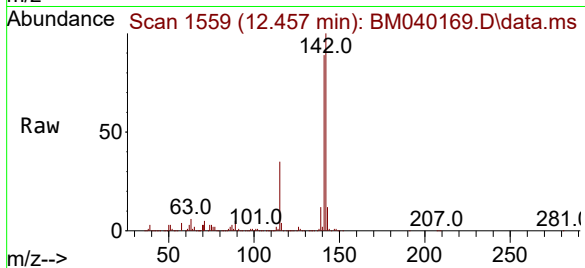
Tgt Ion:142 Resp: 2118902

Ion Ratio Lower Upper

142 100

141 89.4 71.8 107.6

115 35.1 28.2 42.4



#38

1-Methylnaphthalene

Concen: 45.105 ng

RT: 12.675 min Scan# 1596

Delta R.T. -0.006 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

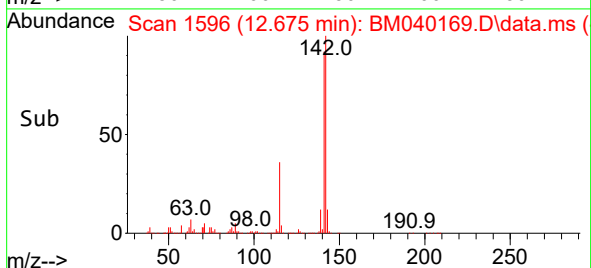
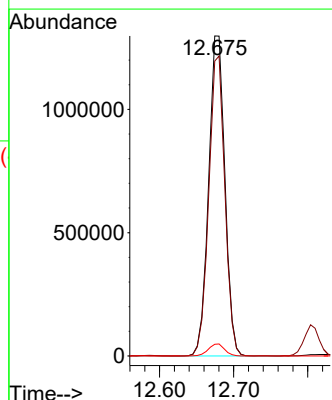
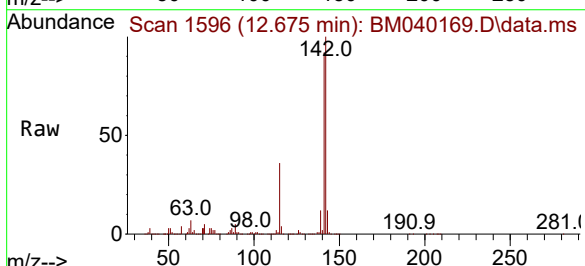
Tgt Ion:142 Resp: 1983992

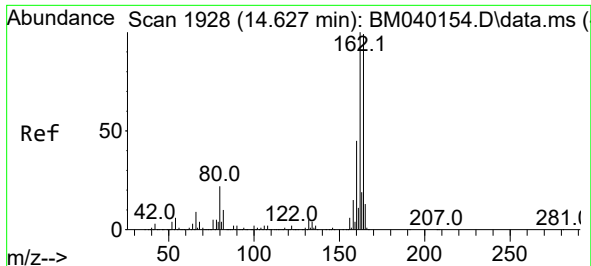
Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.2

116 3.7 3.1 4.7

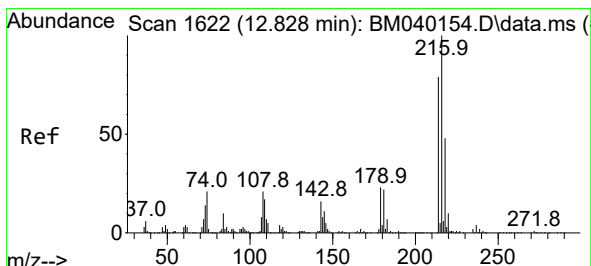
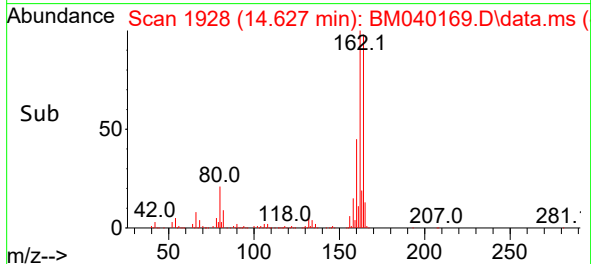
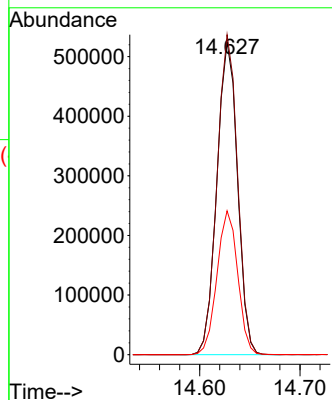
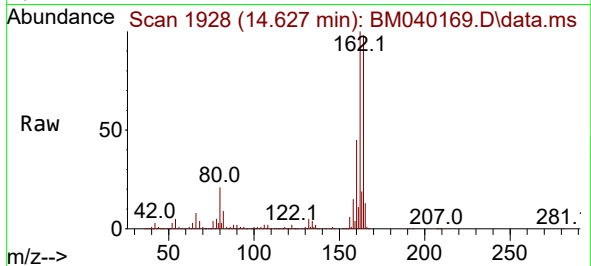




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

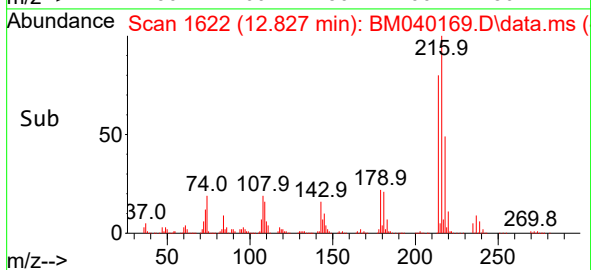
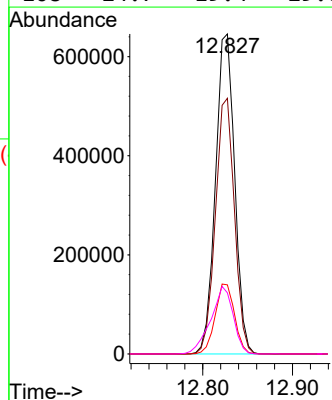
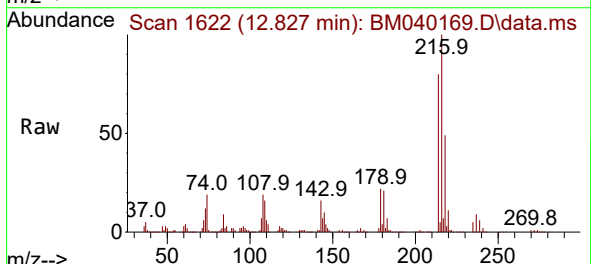
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

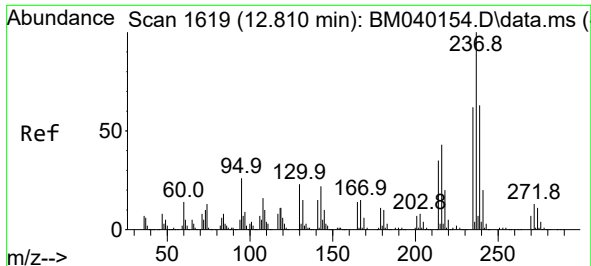
Tgt Ion:164 Resp: 748950
Ion Ratio Lower Upper
164 100
162 102.3 80.4 120.6
160 46.0 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.288 ng
RT: 12.827 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:216 Resp: 958788
Ion Ratio Lower Upper
216 100
214 79.3 63.5 95.3
179 22.1 18.3 27.5
108 24.7 19.4 29.0

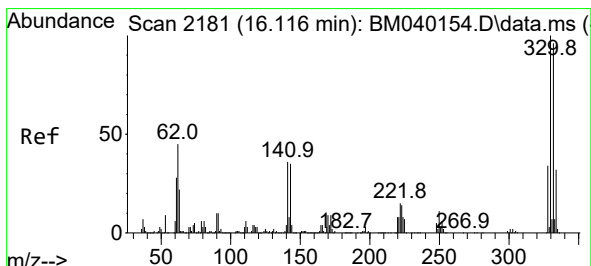
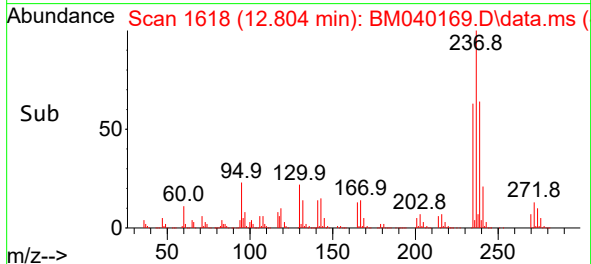
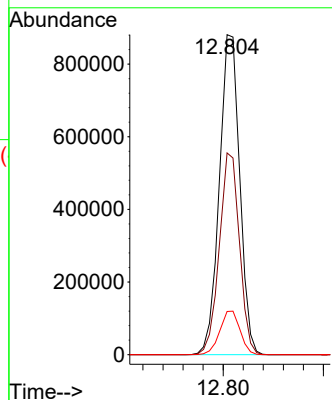
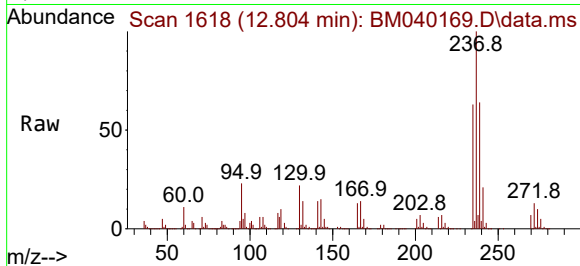




#41
Hexachlorocyclopentadiene
Concen: 119.915 ng
RT: 12.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

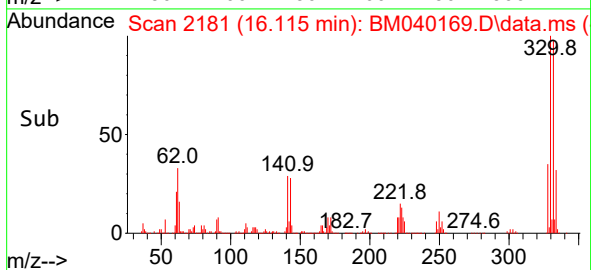
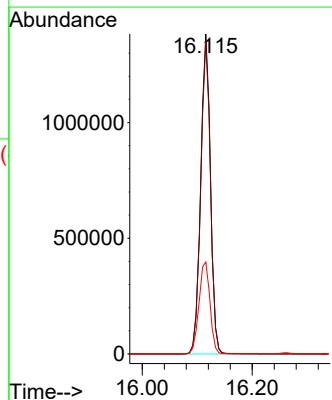
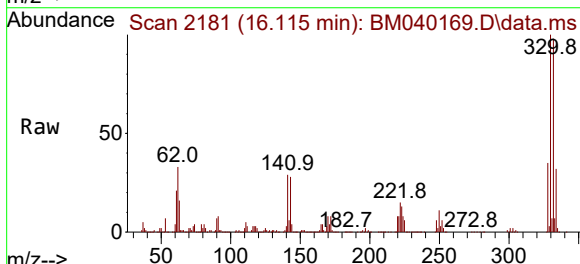
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

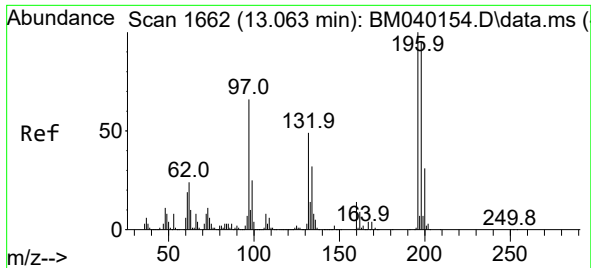
Tgt Ion:237 Resp: 1241548
Ion Ratio Lower Upper
237 100
235 63.0 41.5 81.5
272 13.5 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 151.887 ng
RT: 16.115 min Scan# 2181
Delta R.T. -0.001 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:330 Resp: 1711520
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 32.3 31.6 47.4

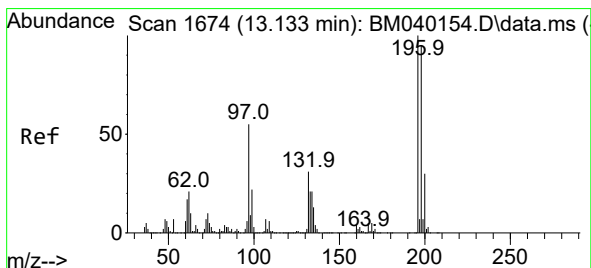
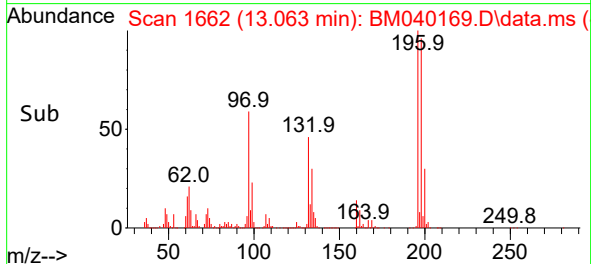
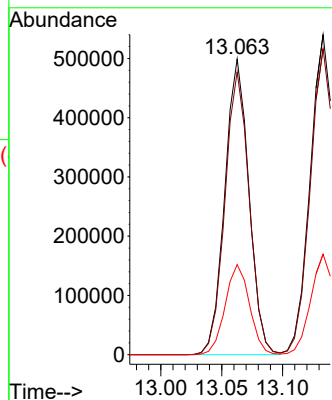
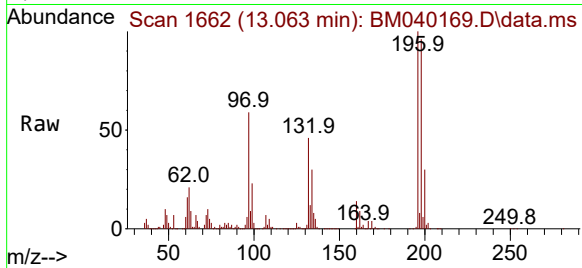




#43
2,4,6-Trichlorophenol
Concen: 50.699 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

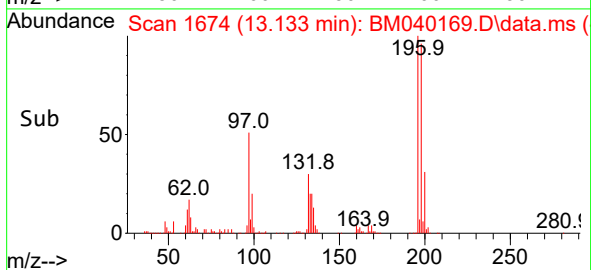
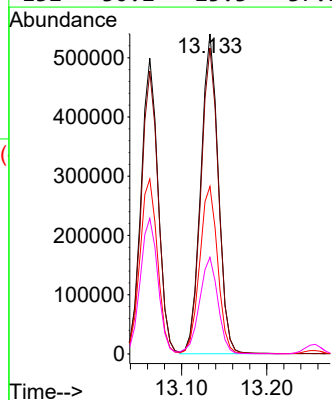
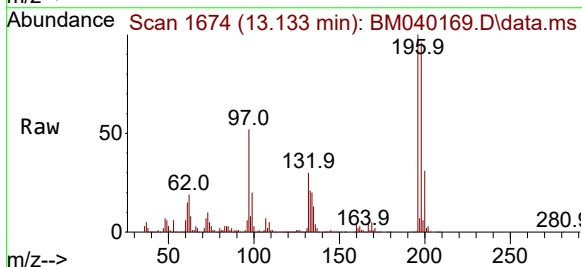
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BNA_M
ClientSampleId :
PB153236BSD

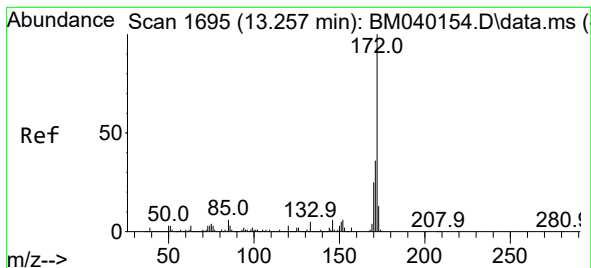
Tgt Ion:196 Resp: 690467
Ion Ratio Lower Upper
196 100
198 95.7 76.4 114.6
200 30.4 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 46.770 ng
RT: 13.133 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:196 Resp: 768863
Ion Ratio Lower Upper
196 100
198 95.6 76.3 114.5
97 52.3 44.2 66.2
132 30.2 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 87.454 ng

RT: 13.257 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB153236BSD

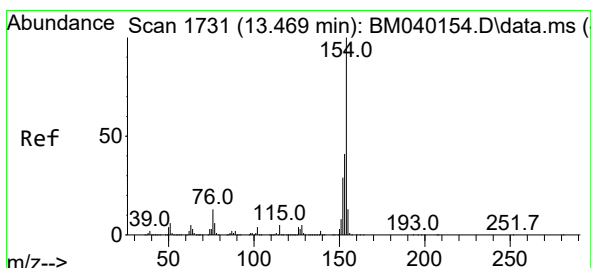
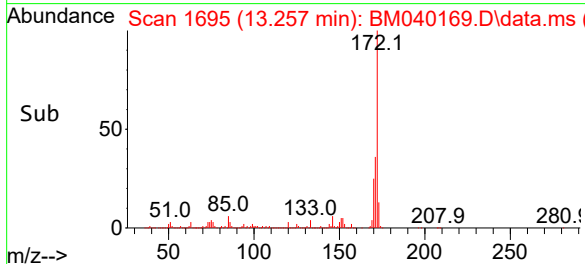
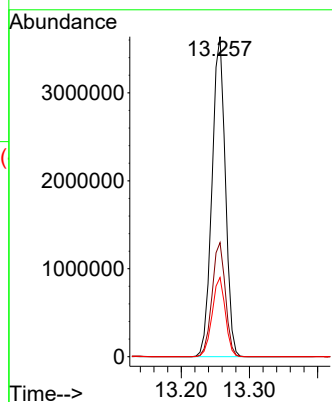
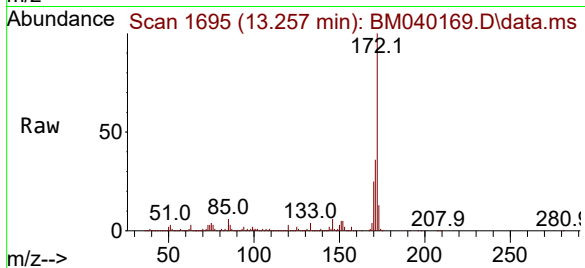
Tgt Ion:172 Resp: 4955579

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.8 19.8 29.6



#46

1,1'-Biphenyl

Concen: 47.861 ng

RT: 13.463 min Scan# 1730

Delta R.T. -0.006 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

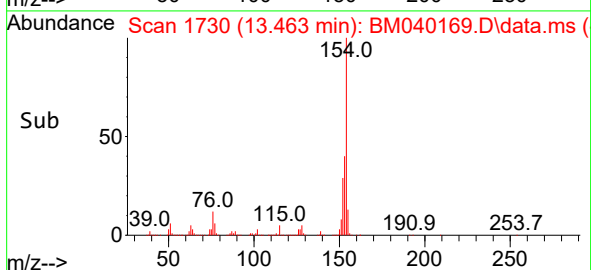
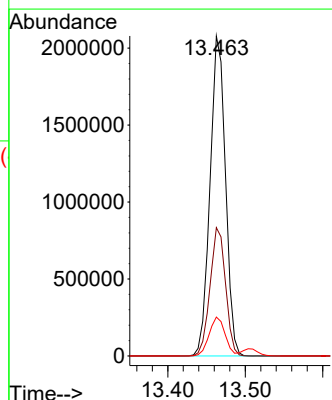
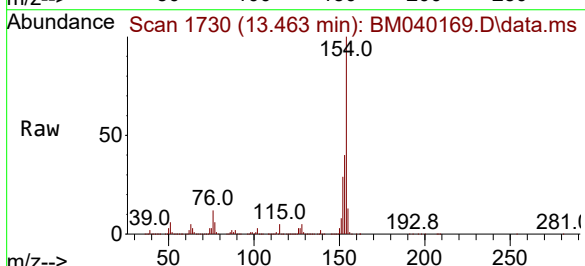
Tgt Ion:154 Resp: 2874238

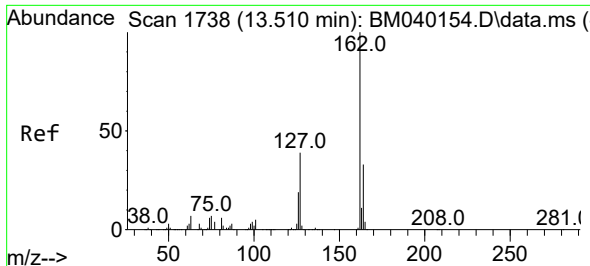
Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

76 12.2 0.0 32.7

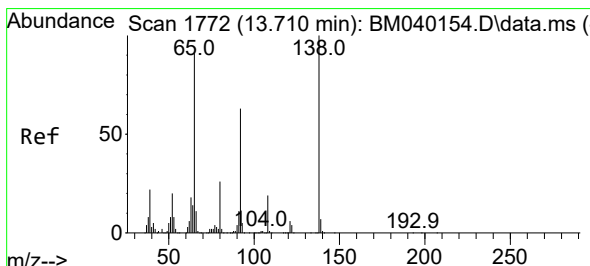
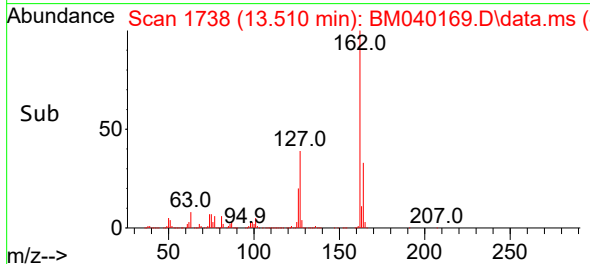
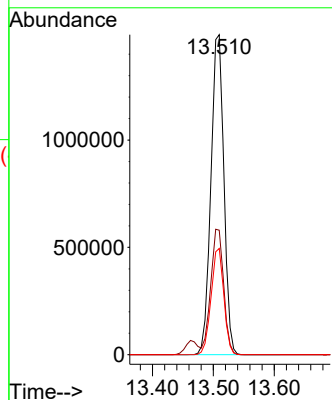
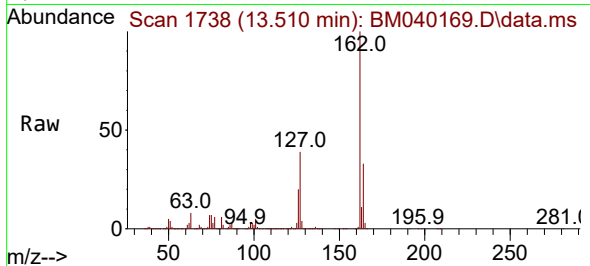




#47
2-Chloronaphthalene
Concen: 49.382 ng
RT: 13.510 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

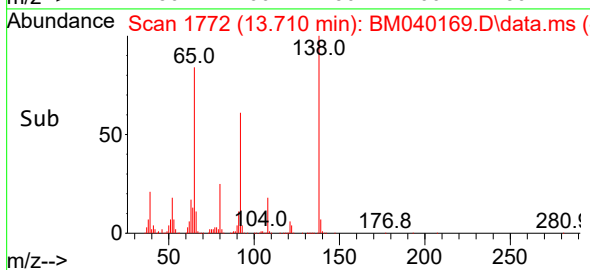
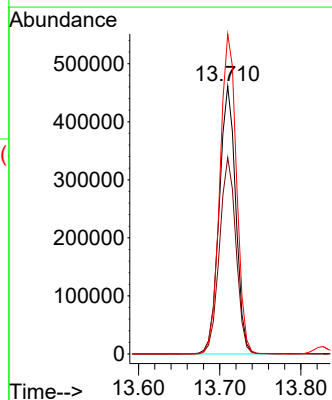
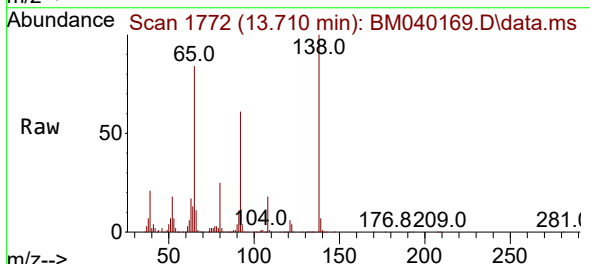
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

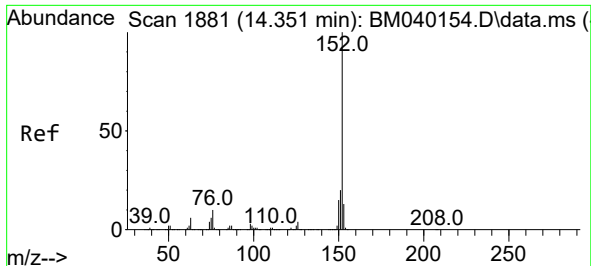
Tgt Ion:162 Resp: 2203065
Ion Ratio Lower Upper
162 100
127 38.9 32.4 48.6
164 33.2 26.3 39.5



#48
2-Nitroaniline
Concen: 48.915 ng
RT: 13.710 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion: 65 Resp: 654316
Ion Ratio Lower Upper
65 100
92 73.3 56.0 84.0
138 119.4 88.2 132.4

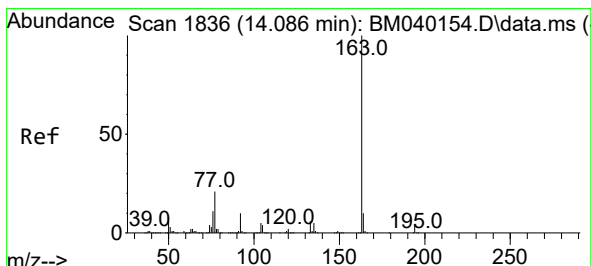
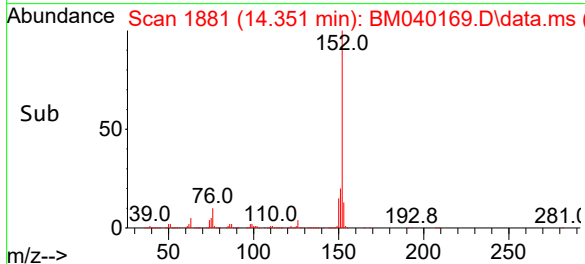
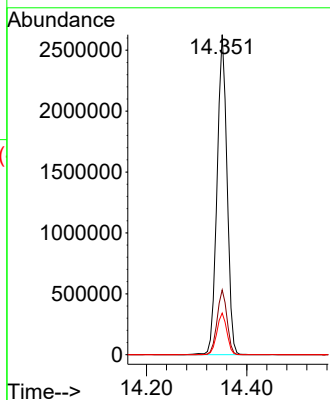
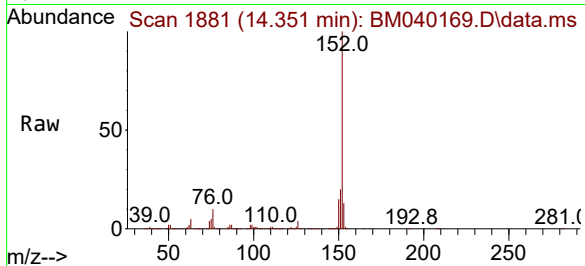




#49
Acenaphthylene
Concen: 48.886 ng
RT: 14.351 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

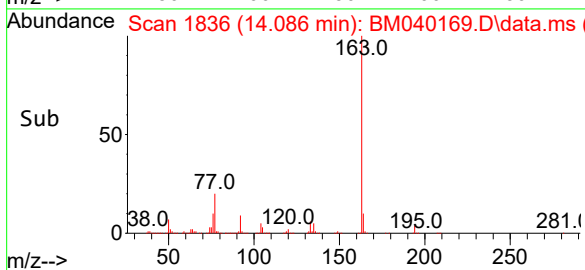
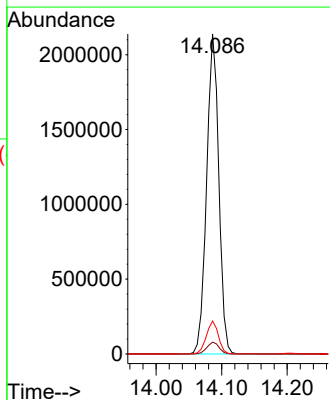
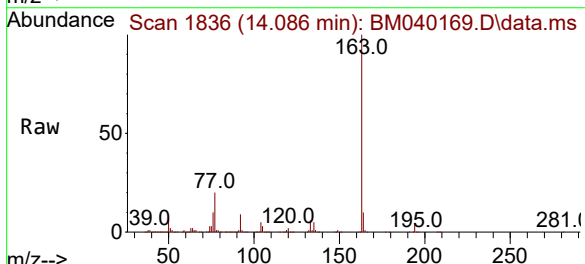
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

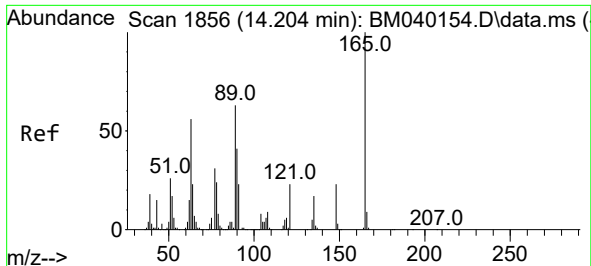
Tgt Ion:152 Resp: 3615974
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 47.277 ng
RT: 14.086 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:163 Resp: 2761671
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.3 8.2 12.2

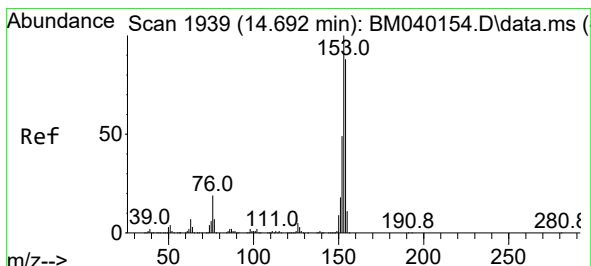
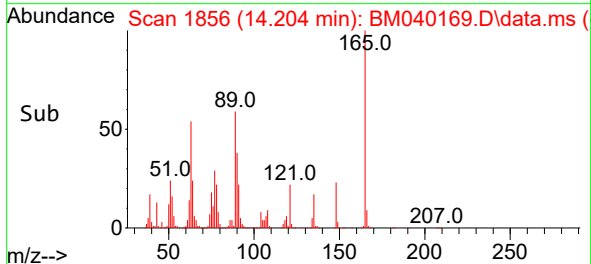
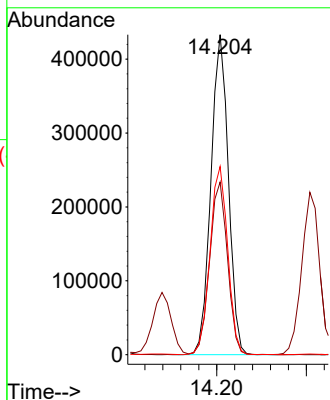
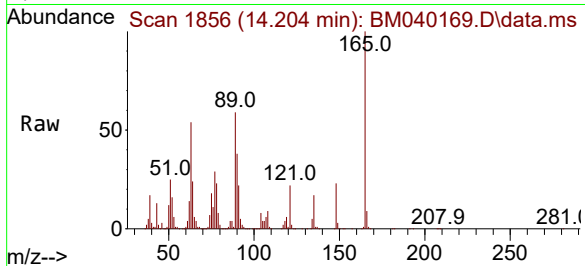




#51
2,6-Dinitrotoluene
Concen: 49.856 ng
RT: 14.204 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

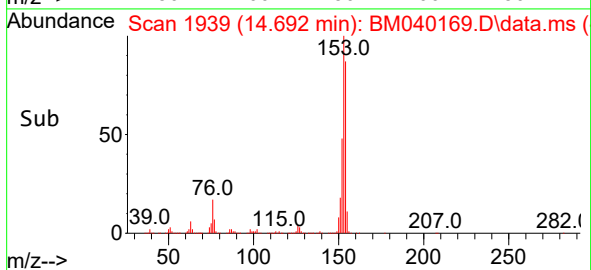
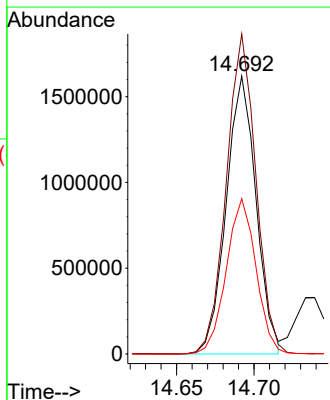
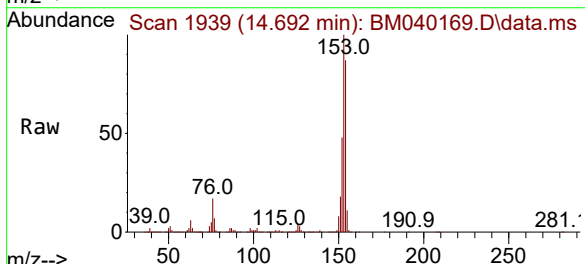
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

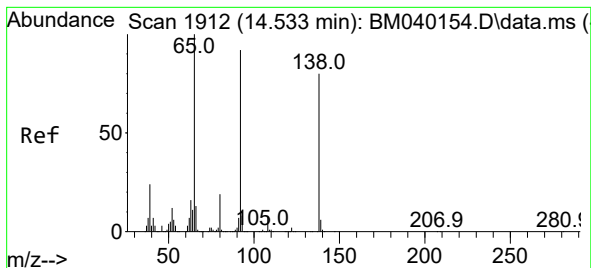
Tgt Ion:165 Resp: 583685
Ion Ratio Lower Upper
165 100
63 53.9 47.3 70.9
89 58.8 50.8 76.2



#52
Acenaphthene
Concen: 47.602 ng
RT: 14.692 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:154 Resp: 2171686
Ion Ratio Lower Upper
154 100
153 115.1 91.2 136.8
152 55.8 45.0 67.6

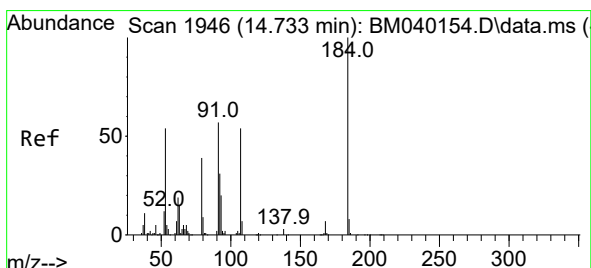
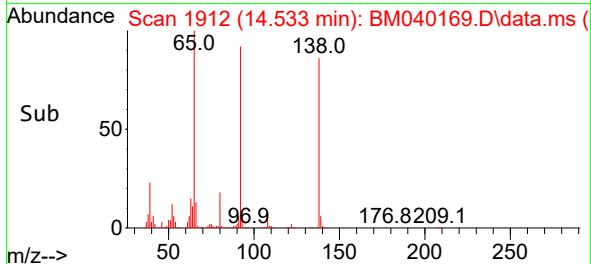
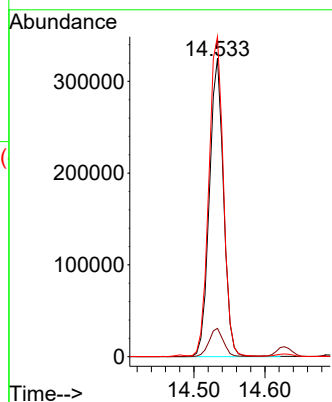
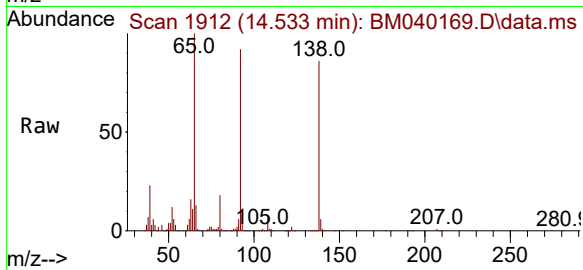




#53
3-Nitroaniline
Concen: 30.899 ng
RT: 14.533 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

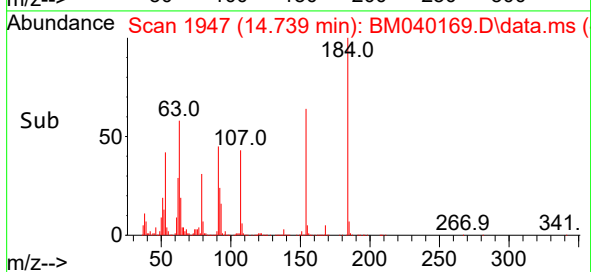
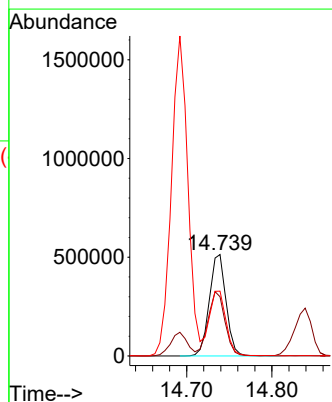
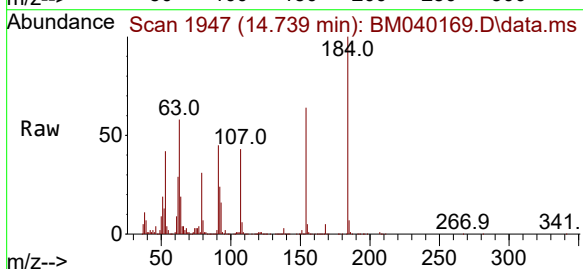
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

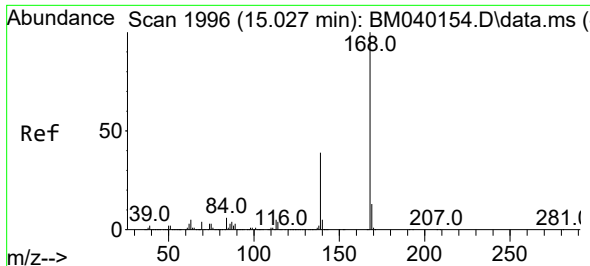
Tgt Ion:138 Resp: 451331
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.6
92 107.2 91.6 137.4



#54
2,4-Dinitrophenol
Concen: 92.645 ng
RT: 14.739 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:184 Resp: 700833
Ion Ratio Lower Upper
184 100
63 58.5 62.8 94.2#
154 63.9 55.9 83.9

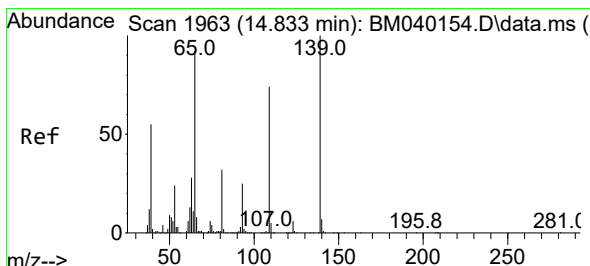
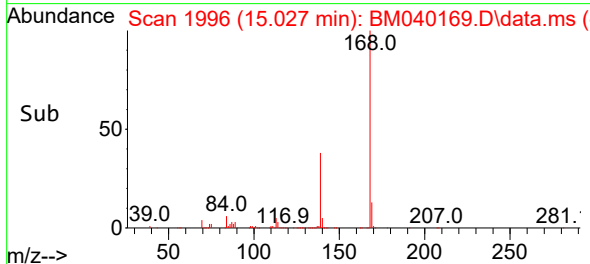
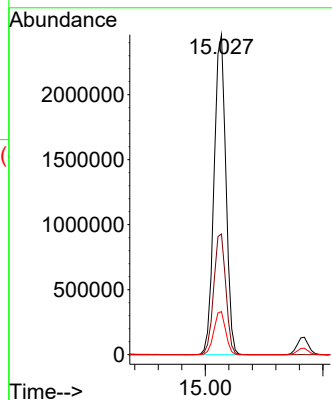
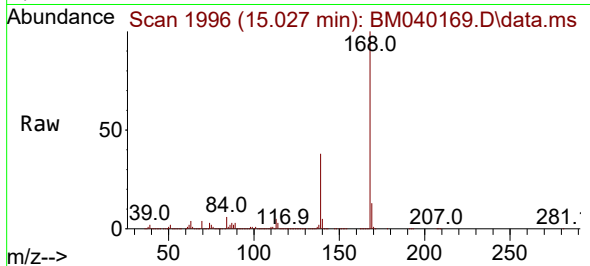




#55
Dibenzenofuran
Concen: 48.076 ng
RT: 15.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

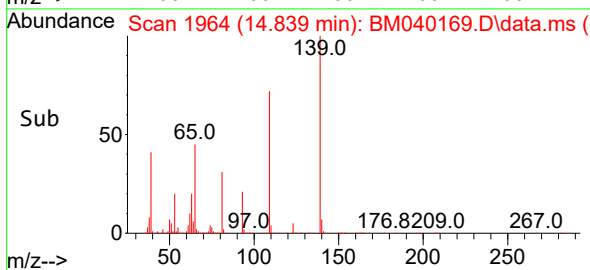
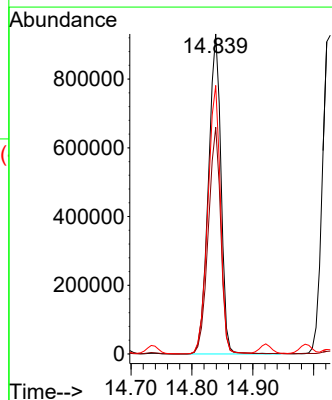
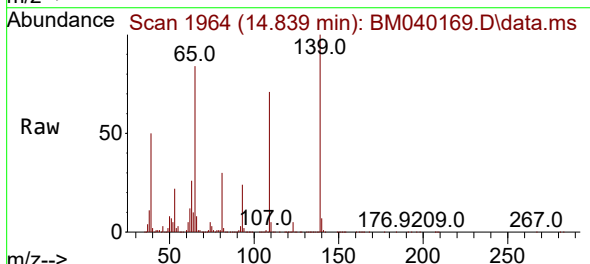
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

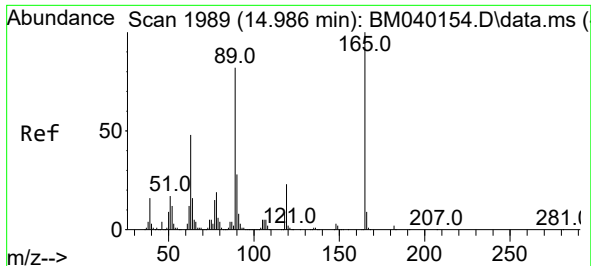
Tgt Ion:168 Resp: 3431064
Ion Ratio Lower Upper
168 100
139 37.7 31.4 47.2
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 113.393 ng
RT: 14.839 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:139 Resp: 1341471
Ion Ratio Lower Upper
139 100
109 70.9 54.4 94.4
65 83.9 71.9 111.9





#57

2,4-Dinitrotoluene

Concen: 53.914 ng

RT: 14.986 min Scan# 1989

Delta R.T. -0.000 min

Lab File: BM040169.D

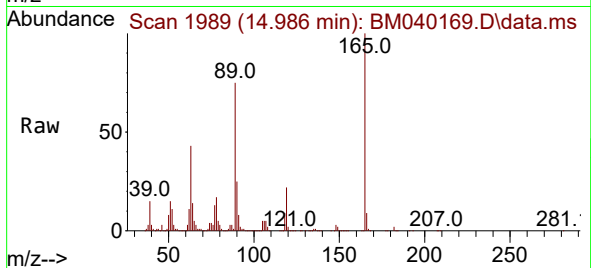
Acq: 08 Jun 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB153236BSD



Tgt Ion:165 Resp: 842365

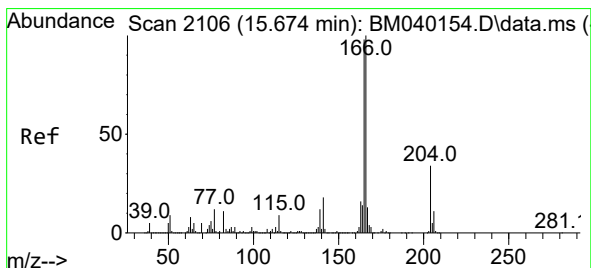
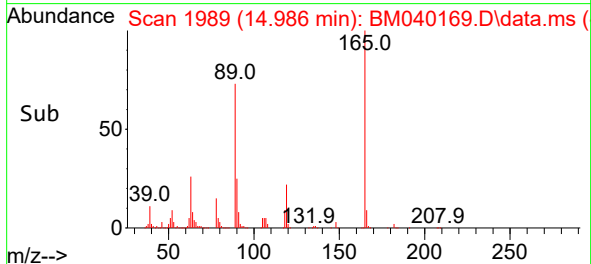
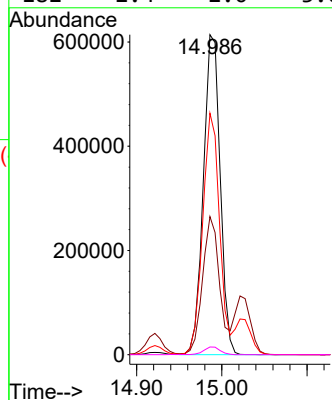
Ion Ratio Lower Upper

165 100

63 43.1 38.3 57.5

89 75.4 66.0 99.0

182 2.4 2.0 3.0



#58

Fluorene

Concen: 49.010 ng

RT: 15.674 min Scan# 2106

Delta R.T. -0.000 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

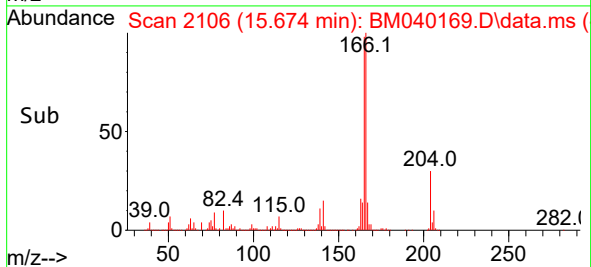
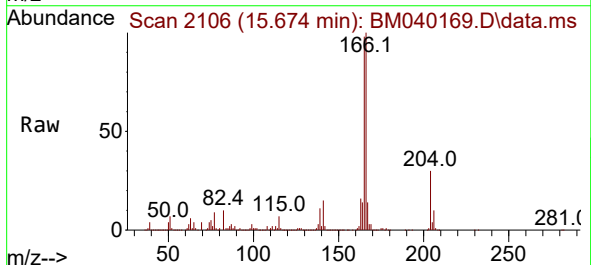
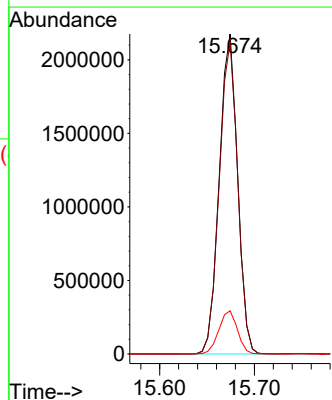
Tgt Ion:166 Resp: 2927733

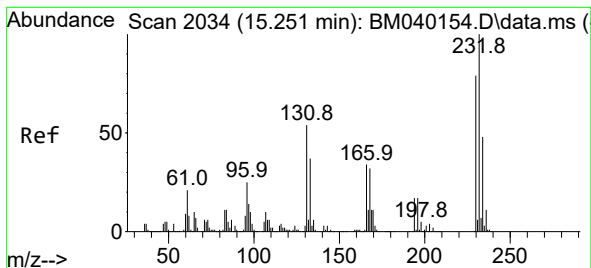
Ion Ratio Lower Upper

166 100

165 97.6 78.6 117.8

167 13.5 10.7 16.1

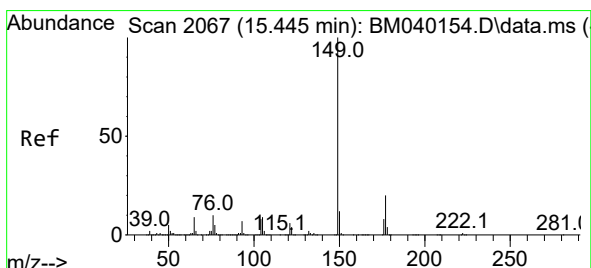
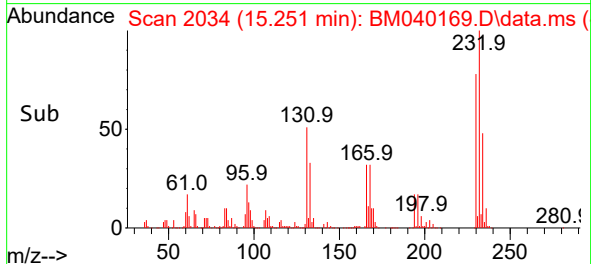
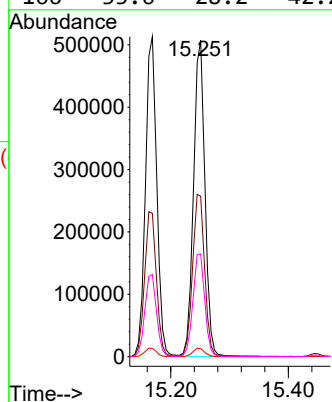
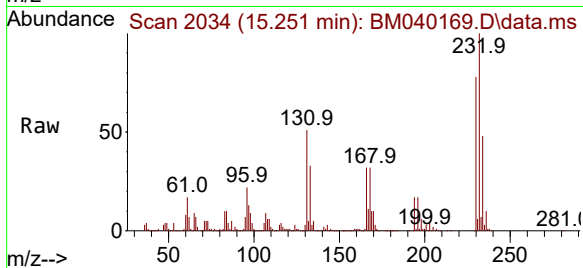




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.284 ng
RT: 15.251 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

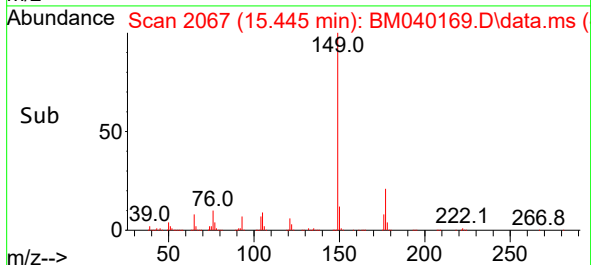
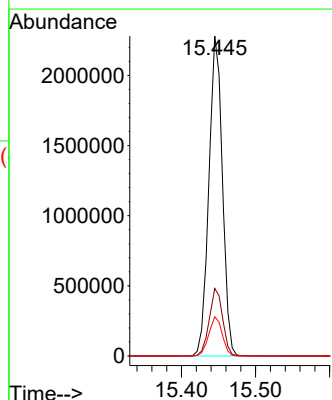
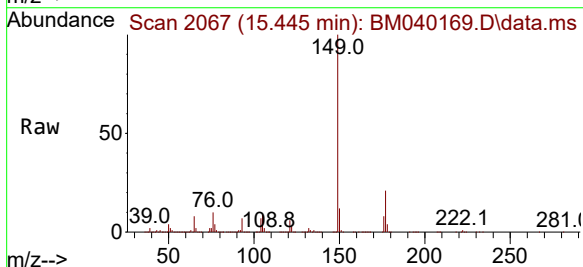
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

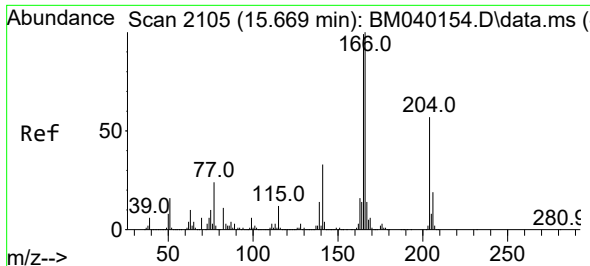
Tgt Ion:232 Resp: 684916
Ion Ratio Lower Upper
232 100
131 54.2 46.7 70.1
130 2.8 2.5 3.7
166 33.6 28.2 42.2



#60
Diethylphthalate
Concen: 48.717 ng
RT: 15.445 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:149 Resp: 2887382
Ion Ratio Lower Upper
149 100
177 21.1 16.2 24.2
150 12.2 9.9 14.9

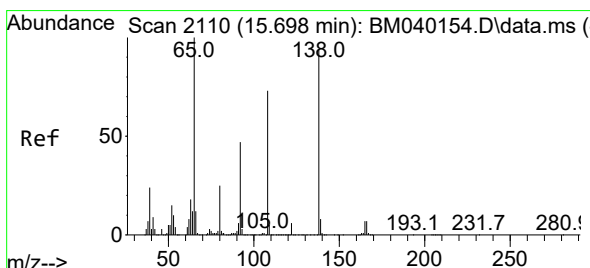
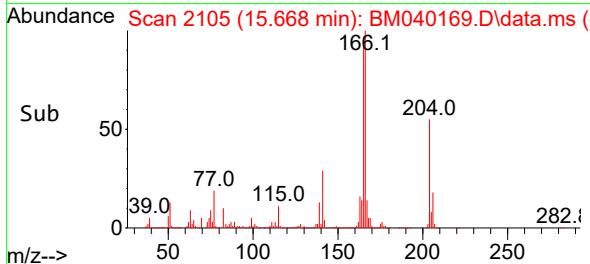
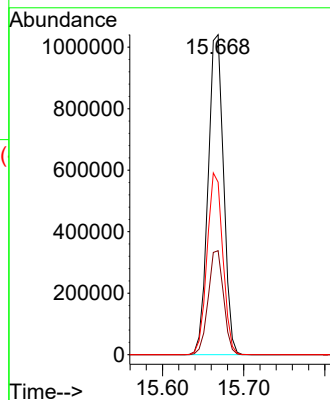
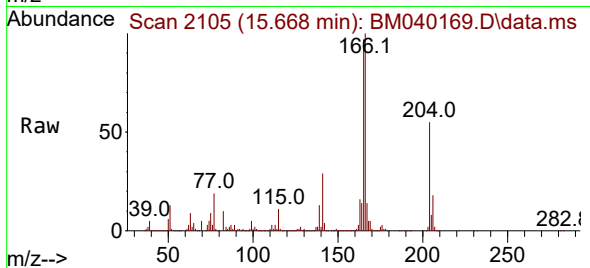




#61
4-Chlorophenyl-phenylether
Concen: 49.260 ng
RT: 15.668 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

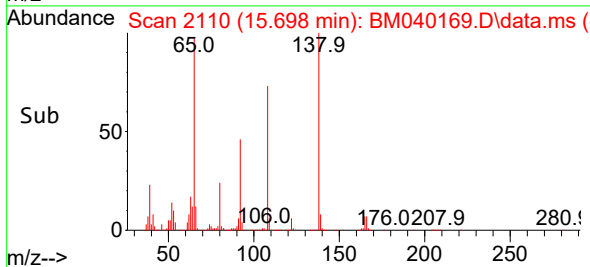
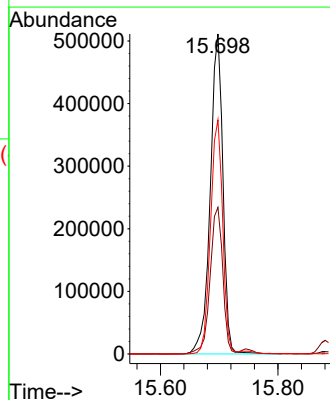
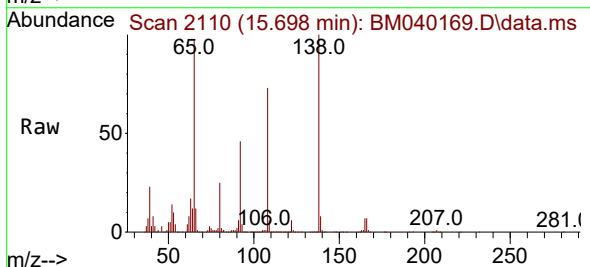
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

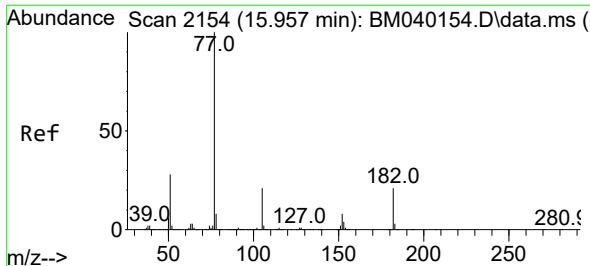
Tgt Ion:204 Resp: 1375466
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.4
141 53.9 45.9 68.9



#62
4-Nitroaniline
Concen: 49.125 ng
RT: 15.698 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:138 Resp: 764369
Ion Ratio Lower Upper
138 100
92 45.8 30.1 70.1
108 73.2 57.8 97.8



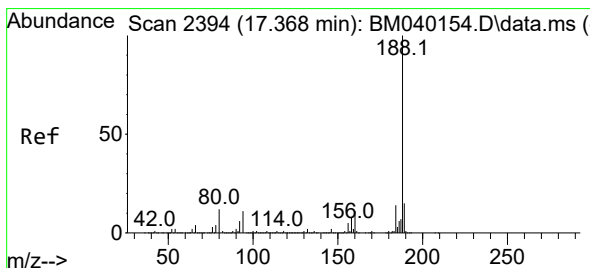
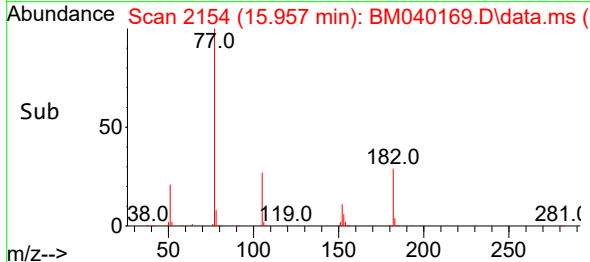
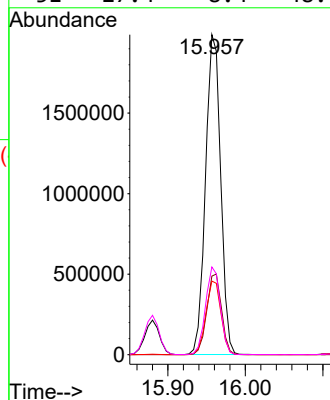
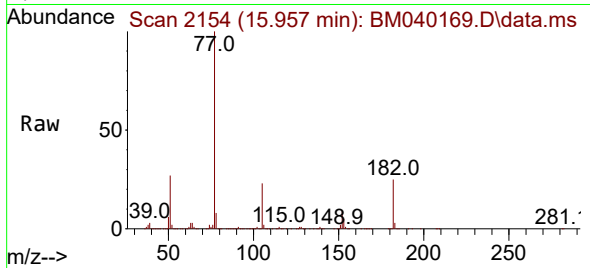


#63
Azobenzene
Concen: 46.705 ng
RT: 15.957 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Instrument :
BNA_M
ClientSampleId :
PB153236BSD

Tgt Ion: 77 Resp: 2691397

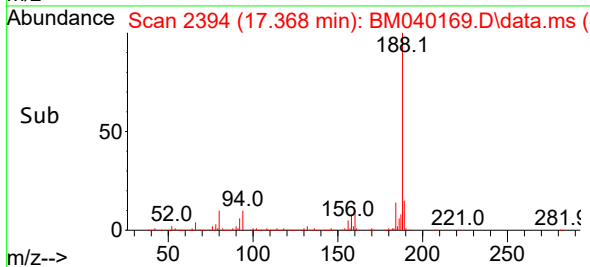
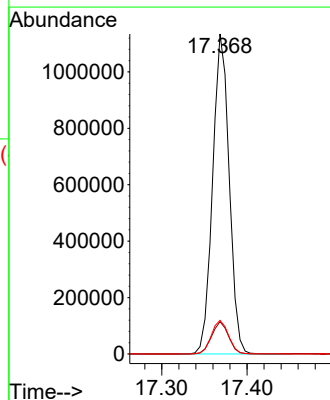
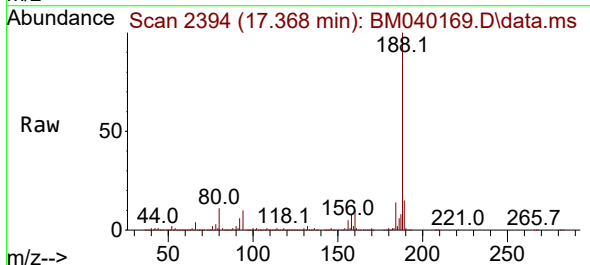
Ion	Ratio	Lower	Upper
77	100		
182	24.5	1.1	41.1
105	23.0	1.1	41.1
51	27.4	8.4	48.4

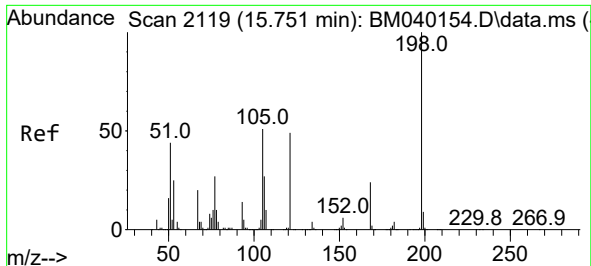


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion: 188 Resp: 1528399

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.9	13.3
80	10.5	9.6	14.4

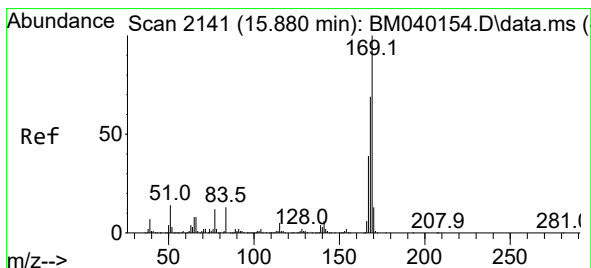
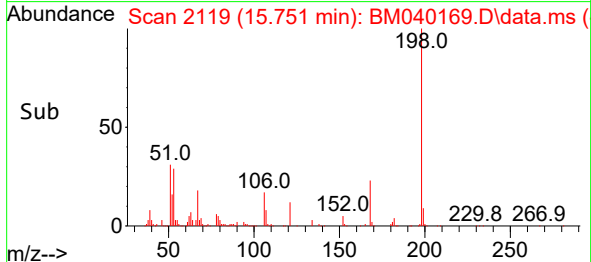
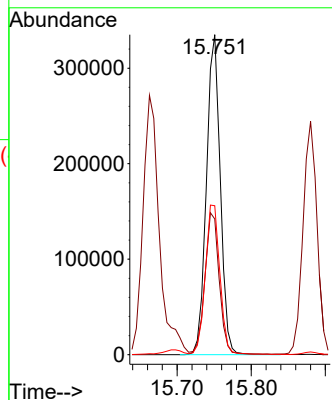
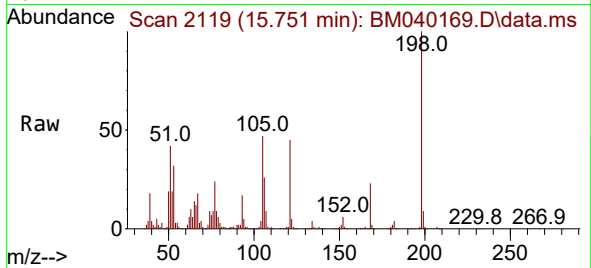




#65
4,6-Dinitro-2-methylphenol
Concen: 50.769 ng
RT: 15.751 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

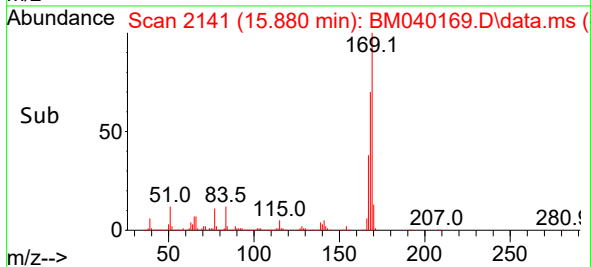
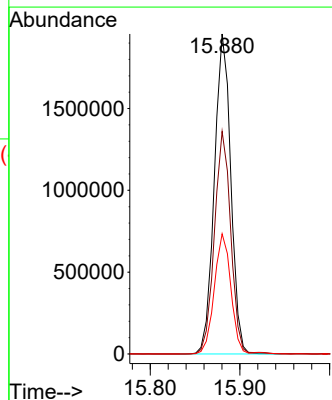
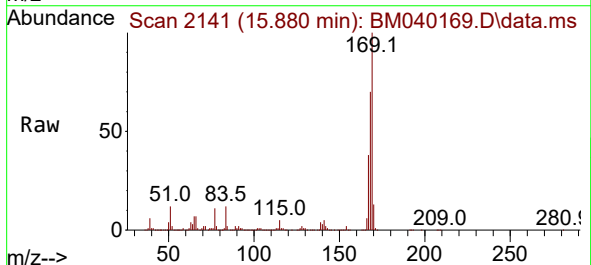
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

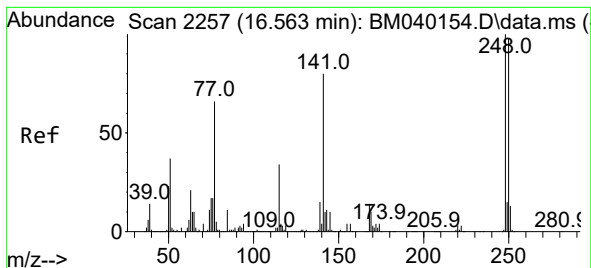
Tgt Ion:198 Resp: 435234
Ion Ratio Lower Upper
198 100
51 42.4 30.6 70.6
105 46.5 32.5 72.5



#66
n-Nitrosodiphenylamine
Concen: 49.712 ng
RT: 15.880 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:169 Resp: 2488590
Ion Ratio Lower Upper
169 100
168 69.6 55.6 83.4
167 37.5 31.3 46.9

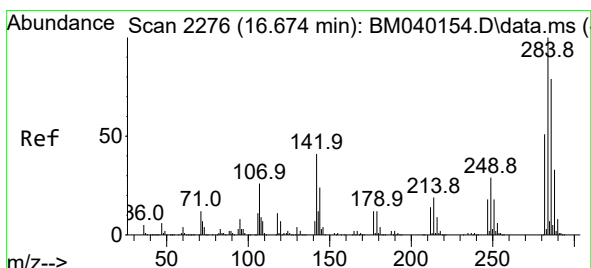
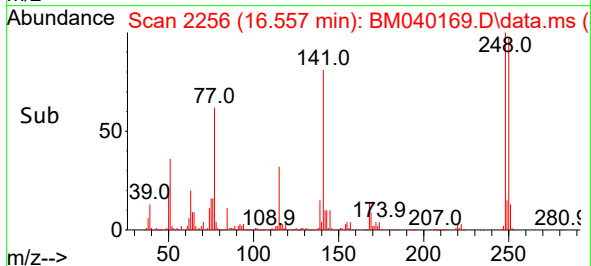
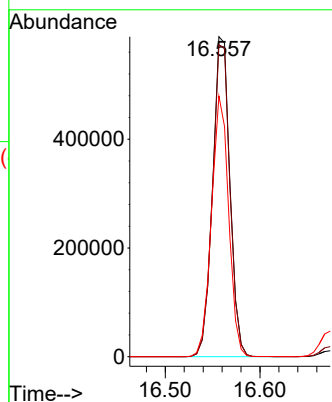
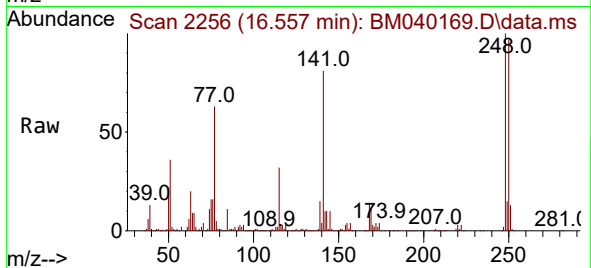




#67
4-Bromophenyl-phenylether
Concen: 48.842 ng
RT: 16.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

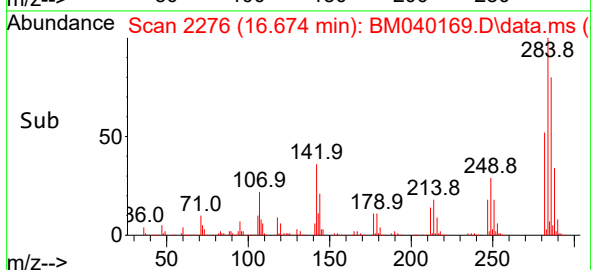
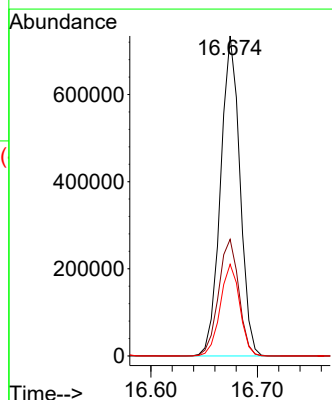
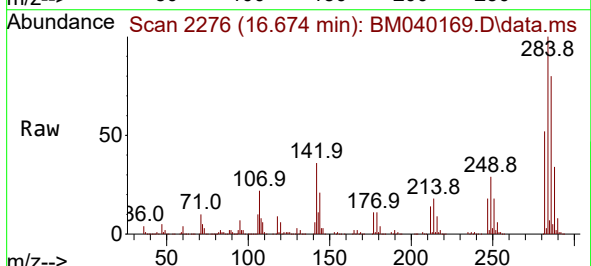
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

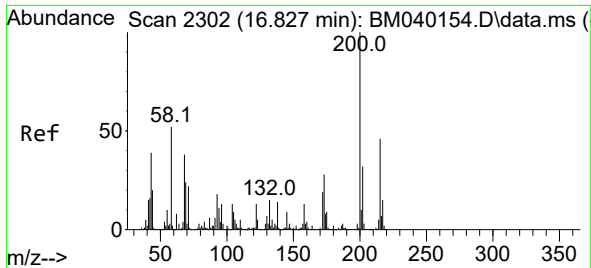
Tgt Ion:248 Resp: 749743
Ion Ratio Lower Upper
248 100
250 97.5 78.1 117.1
141 81.4 64.3 96.5



#68
Hexachlorobenzene
Concen: 52.561 ng
RT: 16.674 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:284 Resp: 925339
Ion Ratio Lower Upper
284 100
142 36.5 32.7 49.1
249 28.6 23.3 34.9

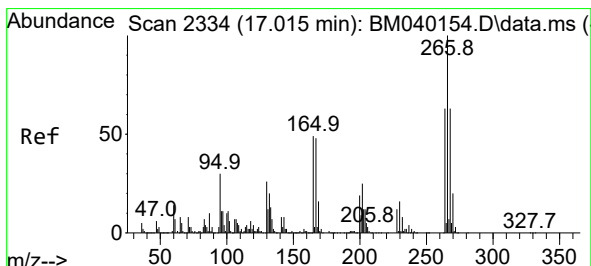
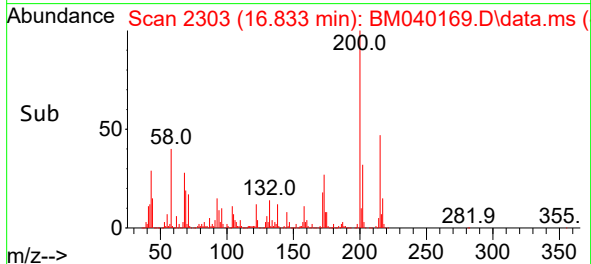
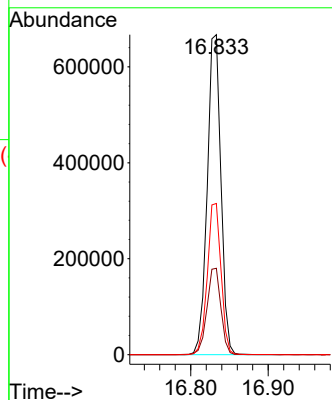
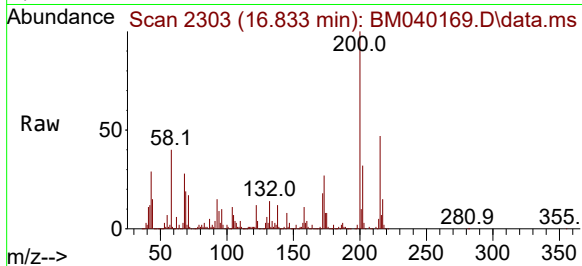




#69
 Atrazine
 Concen: 59.776 ng
 RT: 16.833 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM040169.D
 Acq: 08 Jun 2023 22:44

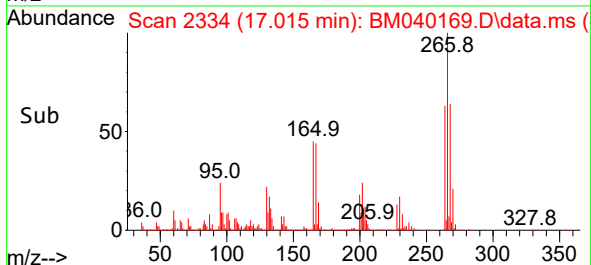
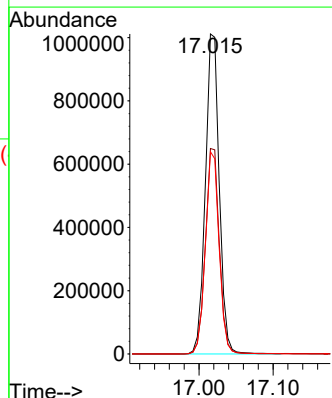
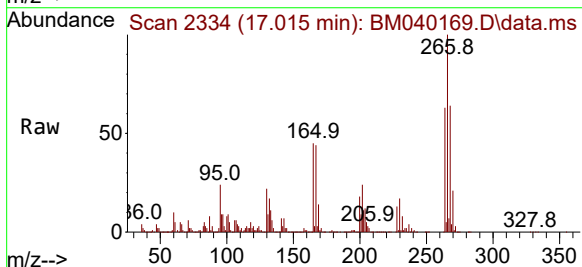
Instrument :
 BNA_M
 ClientSampleId :
 PB153236BSD

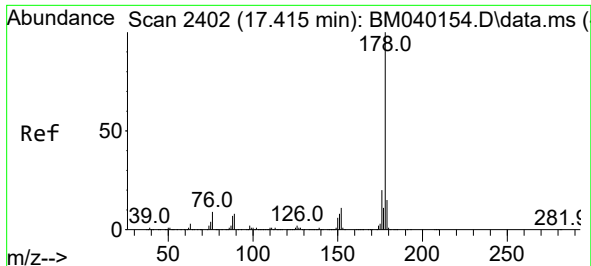
Tgt Ion:200 Resp: 817810
 Ion Ratio Lower Upper
 200 100
 173 27.0 8.1 48.1
 215 47.3 25.7 65.7



#70
 Pentachlorophenol
 Concen: 101.950 ng
 RT: 17.015 min Scan# 2334
 Delta R.T. 0.000 min
 Lab File: BM040169.D
 Acq: 08 Jun 2023 22:44

Tgt Ion:266 Resp: 1317545
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.4 75.6
 264 63.2 50.1 75.1

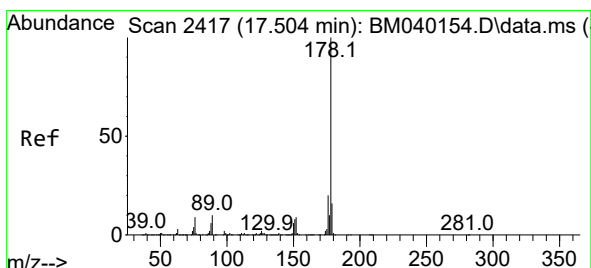
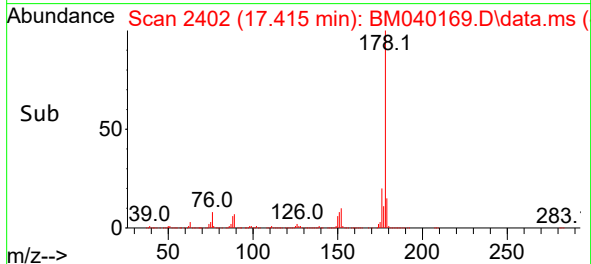
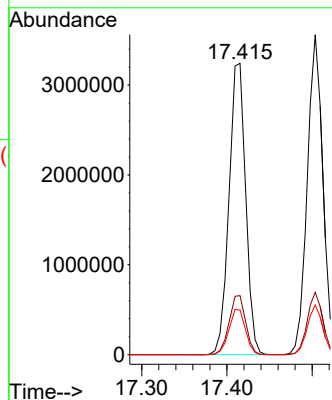
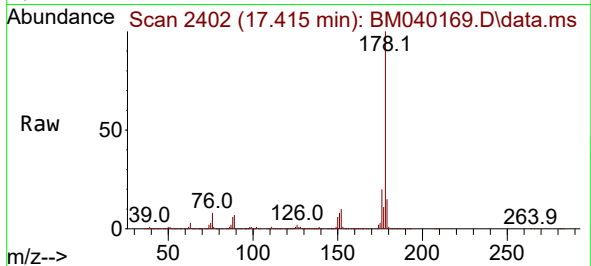




#71
Phenanthrene
Concen: 49.638 ng
RT: 17.415 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

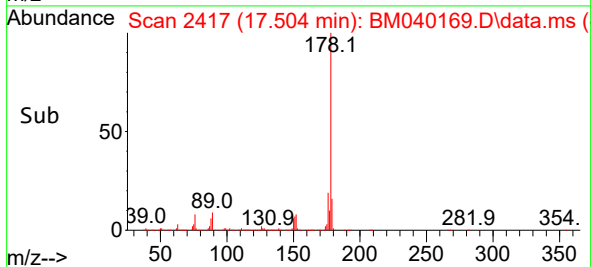
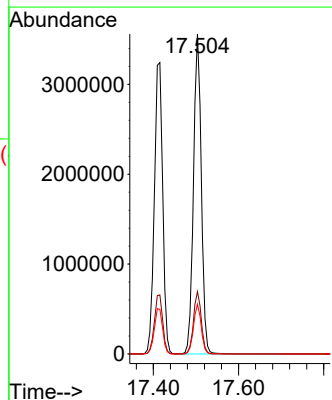
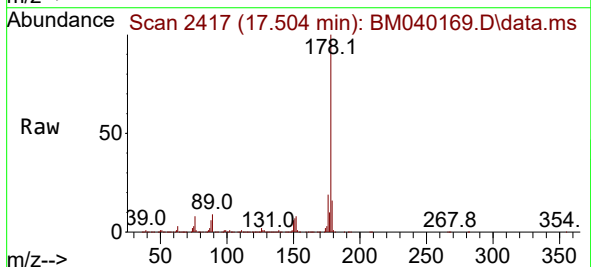
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

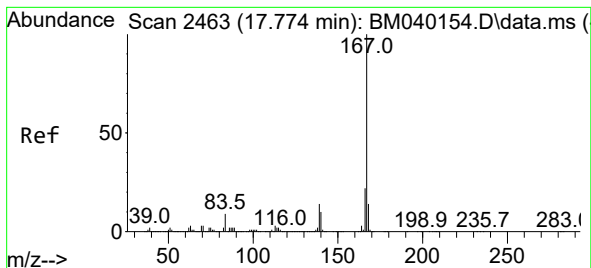
Tgt Ion:178 Resp: 4420503
Ion Ratio Lower Upper
178 100
176 20.3 16.4 24.6
179 15.3 12.3 18.5



#72
Anthracene
Concen: 51.179 ng
RT: 17.504 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:178 Resp: 4546918
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.5 12.6 19.0





#73

Carbazole

Concen: 51.616 ng

RT: 17.774 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

Instrument :

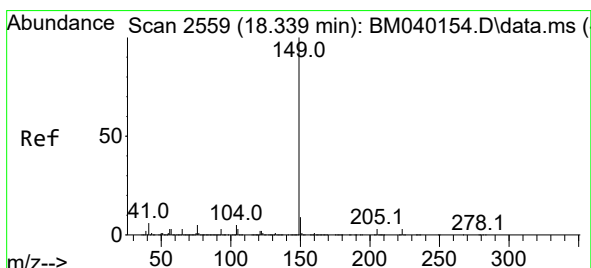
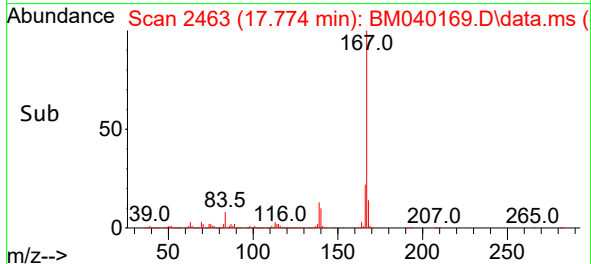
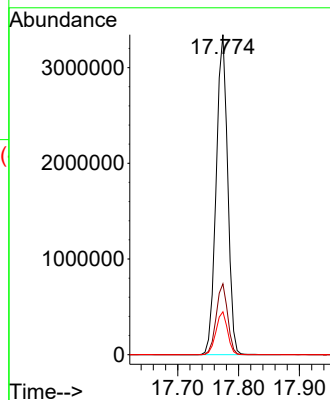
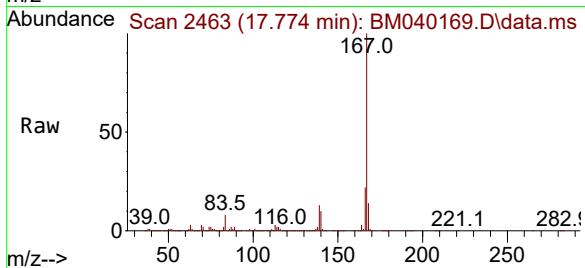
BNA_M

ClientSampleId :

PB153236BSD

Tgt Ion:167 Resp: 4374023

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	13.4	11.0	16.4



#74

Di-n-butylphthalate

Concen: 50.878 ng

RT: 18.333 min Scan# 2558

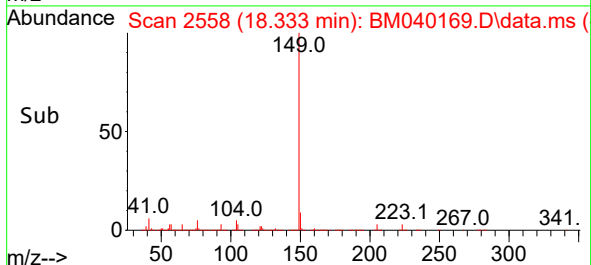
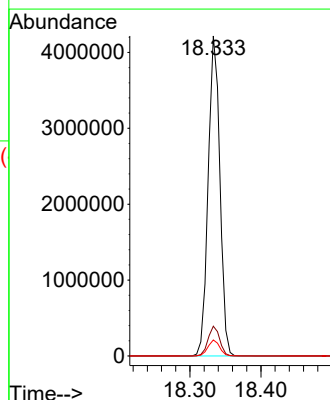
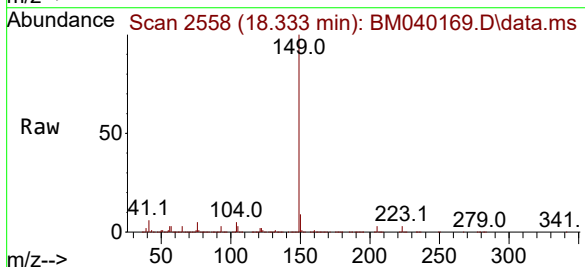
Delta R.T. -0.006 min

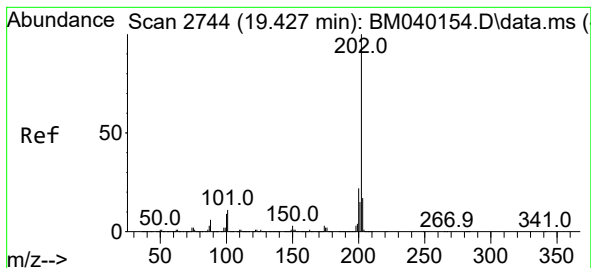
Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

Tgt Ion:149 Resp: 4835481

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.0	4.1	6.1





#75

Fluoranthene

Concen: 50.609 ng

RT: 19.421 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB153236BSD

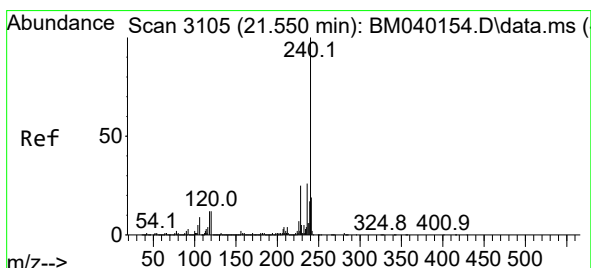
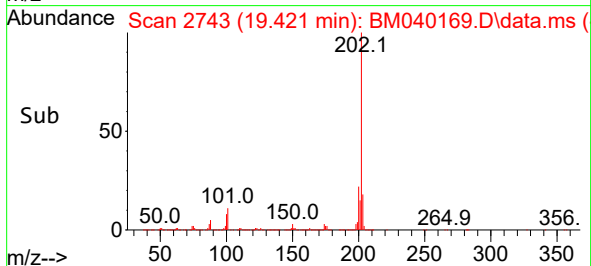
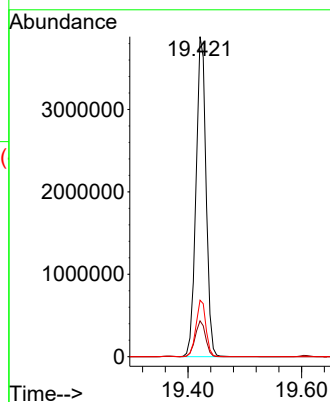
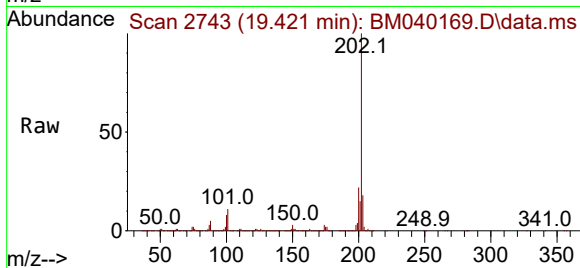
Tgt Ion:202 Resp: 4782695

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.4

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

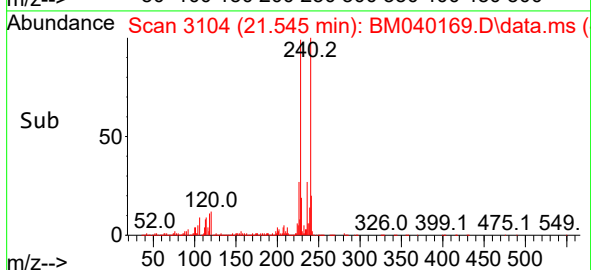
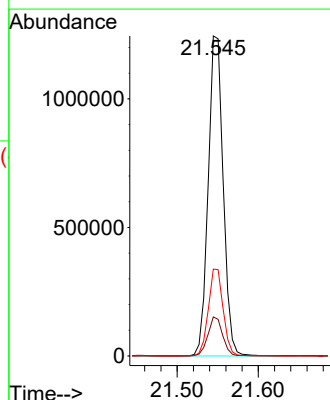
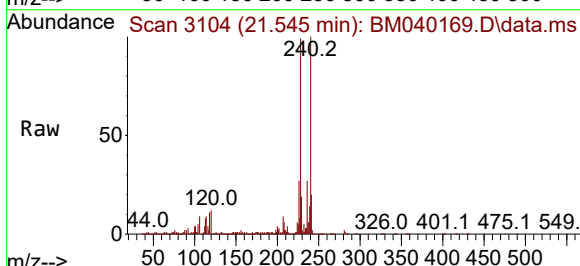
Tgt Ion:240 Resp: 1591841

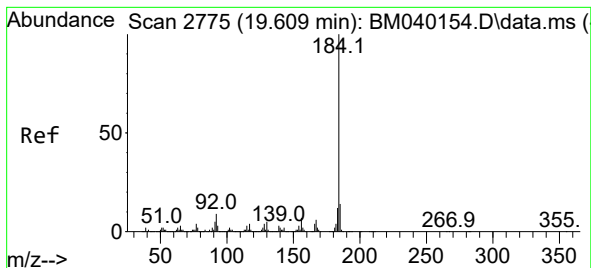
Ion Ratio Lower Upper

240 100

120 12.2 9.9 14.9

236 27.1 21.1 31.7





#77

Benzidine

Concen: 81.517 ng

RT: 19.609 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB153236BSD

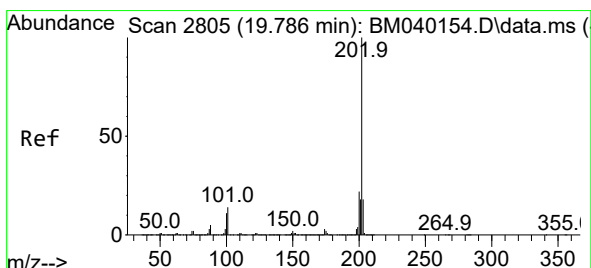
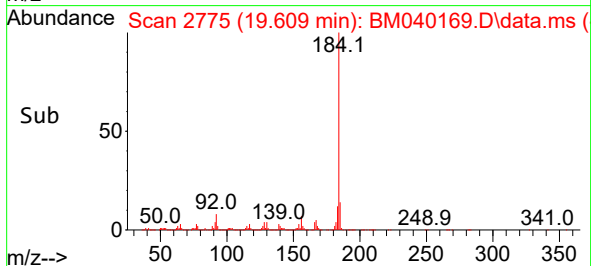
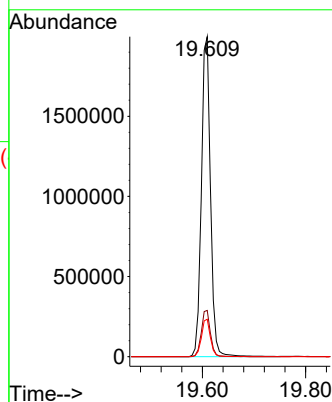
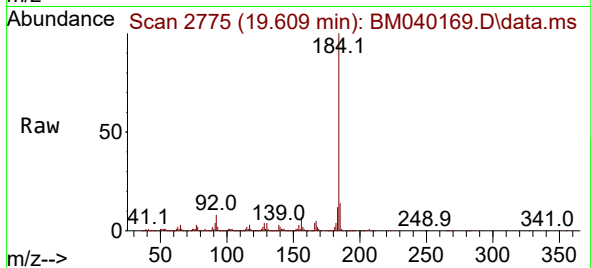
Tgt Ion:184 Resp: 2436995

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

183 11.7 9.4 14.0



#78

Pyrene

Concen: 49.099 ng

RT: 19.786 min Scan# 2805

Delta R.T. -0.000 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

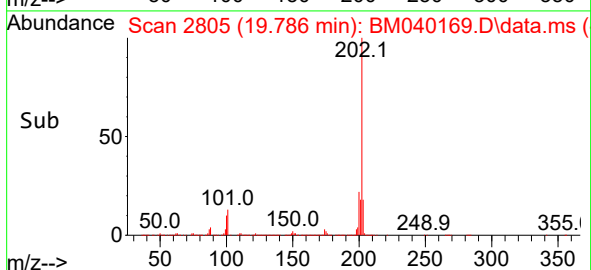
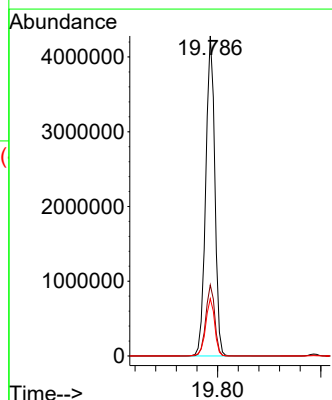
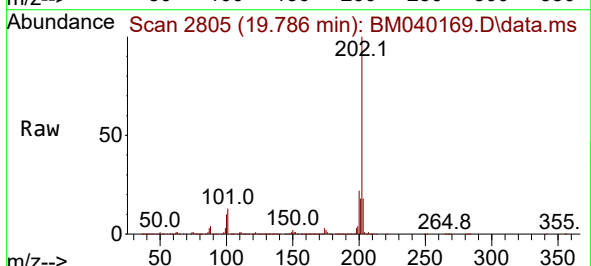
Tgt Ion:202 Resp: 5211729

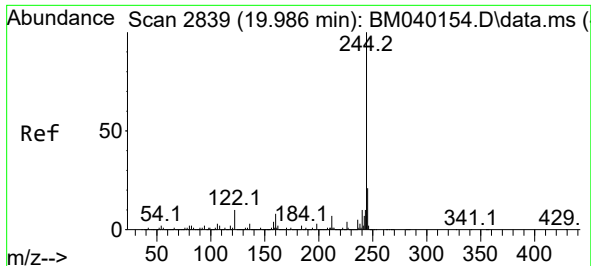
Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.8

203 17.9 14.4 21.6

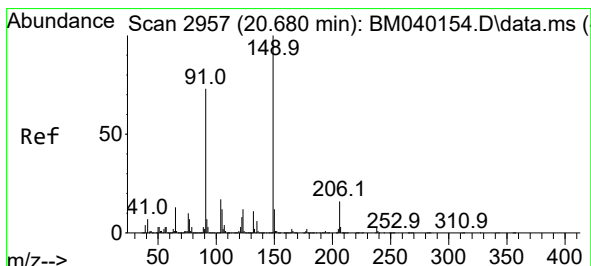
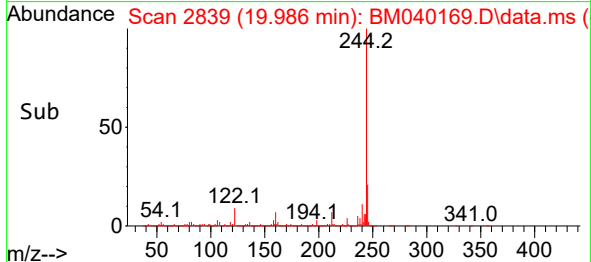
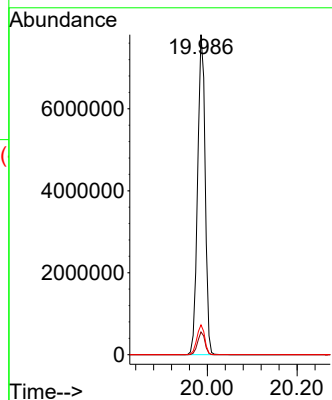
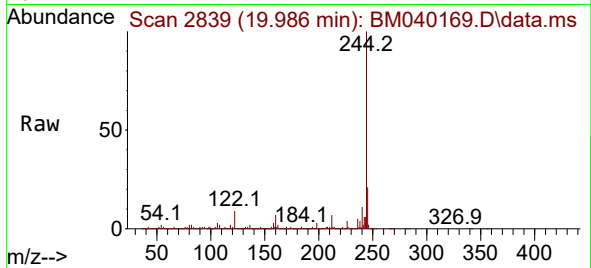




#79
 Terphenyl-d14
 Concen: 105.291 ng
 RT: 19.986 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040169.D
 Acq: 08 Jun 2023 22:44

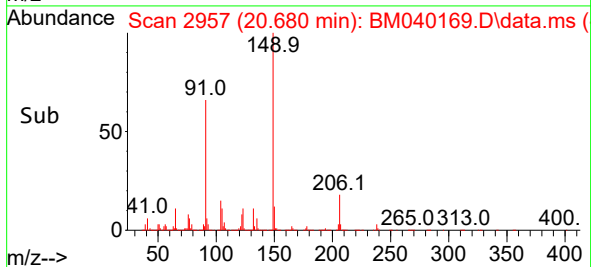
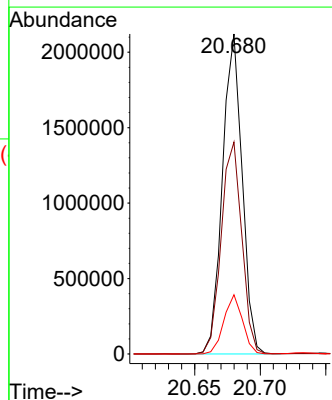
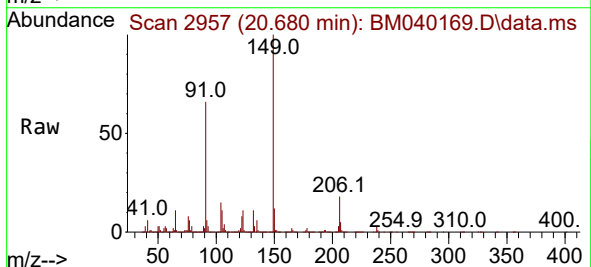
Instrument :
 BNA_M
 ClientSampleId :
 PB153236BSD

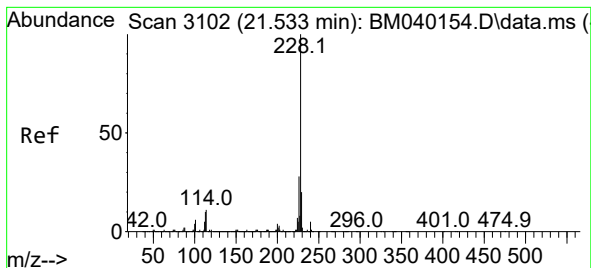
Tgt Ion:244 Resp: 9092216
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.3 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 51.510 ng
 RT: 20.680 min Scan# 2957
 Delta R.T. -0.000 min
 Lab File: BM040169.D
 Acq: 08 Jun 2023 22:44

Tgt Ion:149 Resp: 2209955
 Ion Ratio Lower Upper
 149 100
 91 66.2 58.3 87.5
 206 18.5 13.2 19.8





#81

Benzo(a)anthracene

Concen: 50.867 ng

RT: 21.533 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB153236BSD

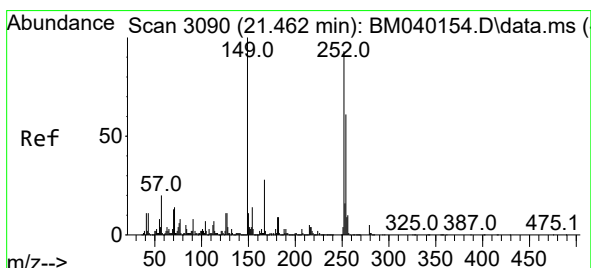
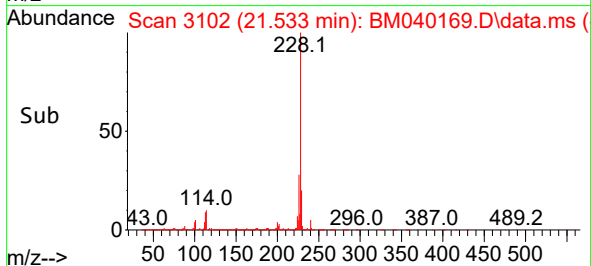
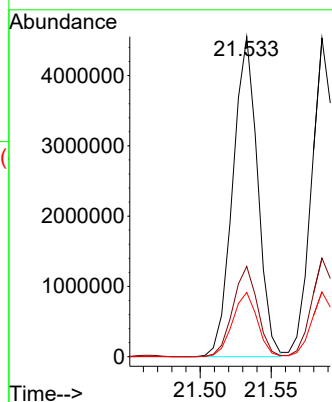
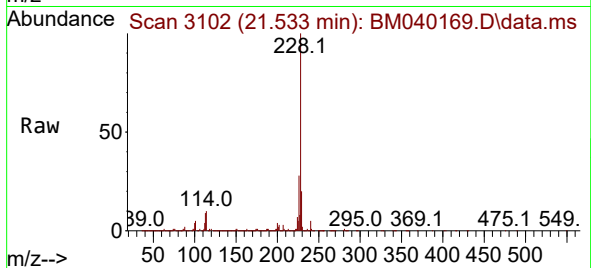
Tgt Ion:228 Resp: 5521631

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

229 20.1 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 42.731 ng

RT: 21.462 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

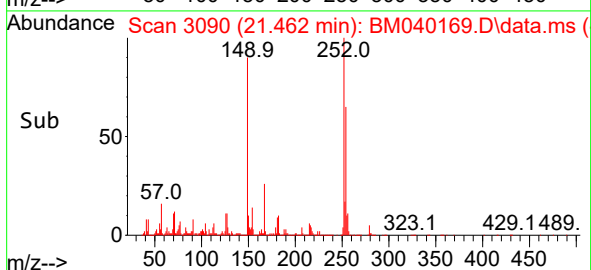
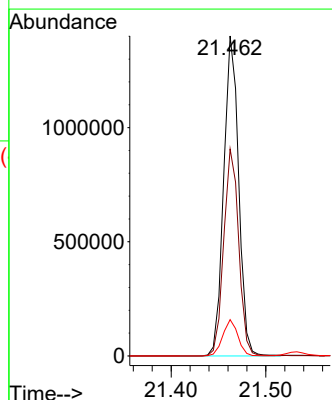
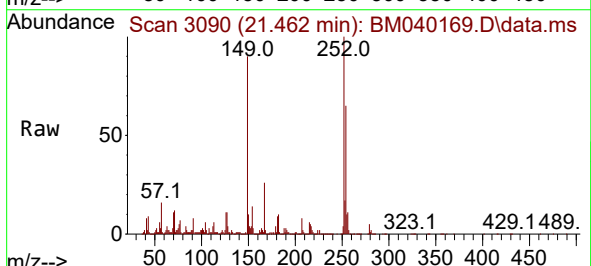
Tgt Ion:252 Resp: 1541572

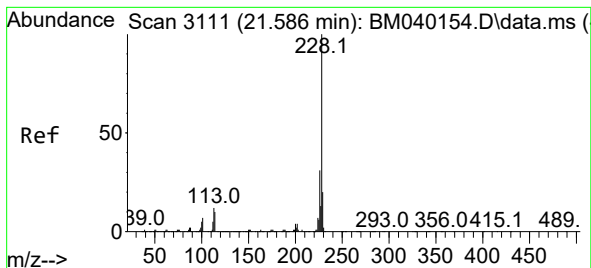
Ion Ratio Lower Upper

252 100

254 64.7 52.2 78.2

126 11.4 9.5 14.3





#83

Chrysene

Concen: 49.876 ng

RT: 21.586 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB153236BSD

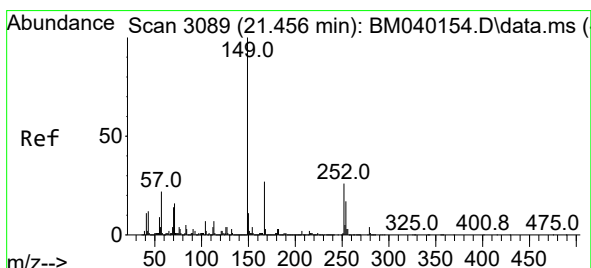
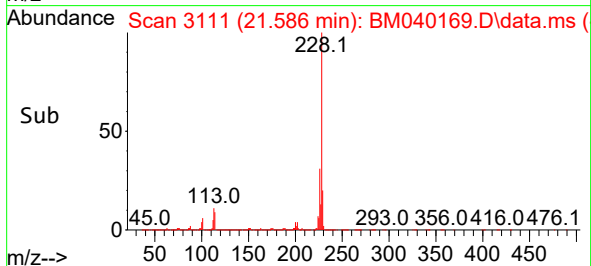
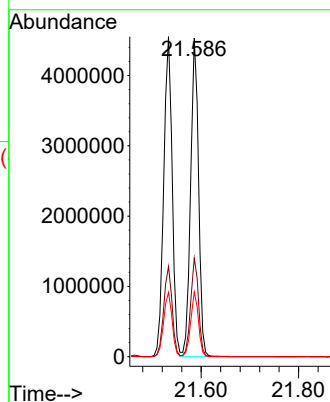
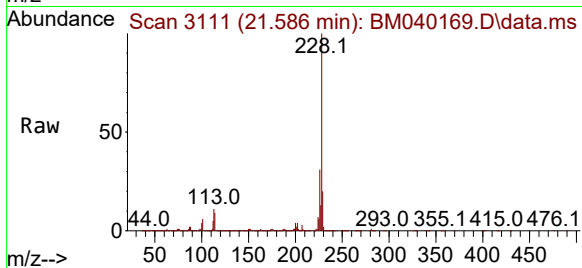
Tgt Ion:228 Resp: 5128855

Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

229 20.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.216 ng

RT: 21.456 min Scan# 3089

Delta R.T. -0.000 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

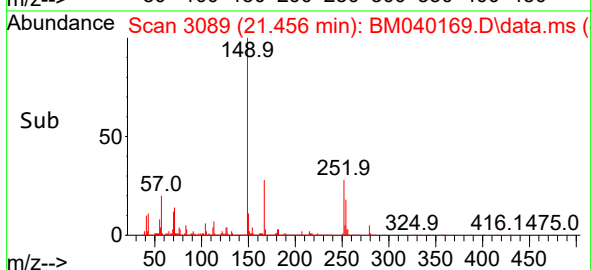
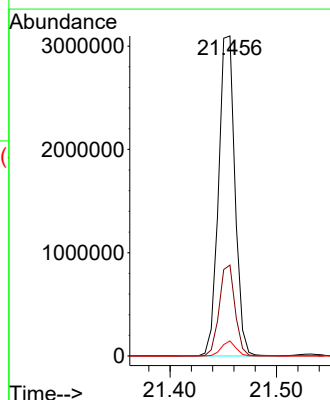
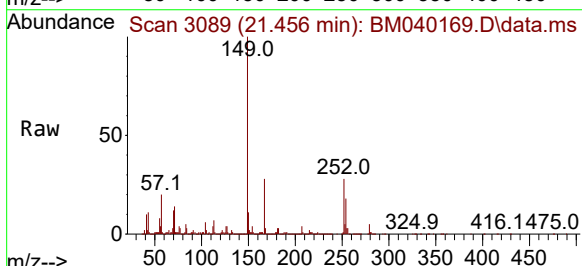
Tgt Ion:149 Resp: 3308336

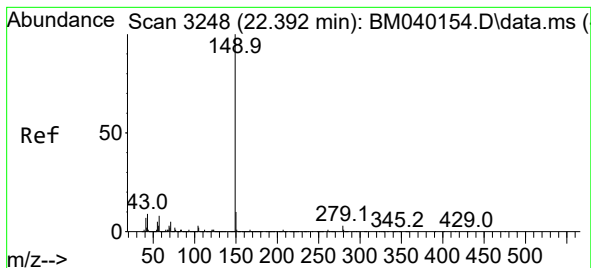
Ion Ratio Lower Upper

149 100

167 28.4 21.7 32.5

279 4.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 56.306 ng

RT: 22.392 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB153236BSD

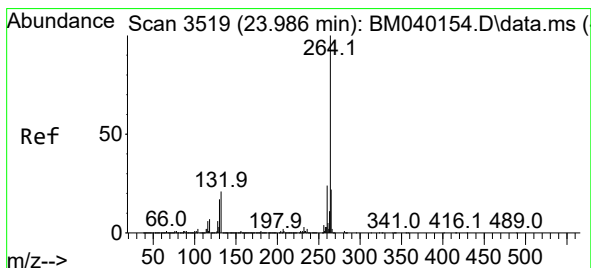
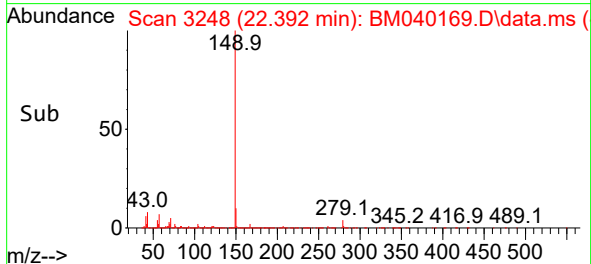
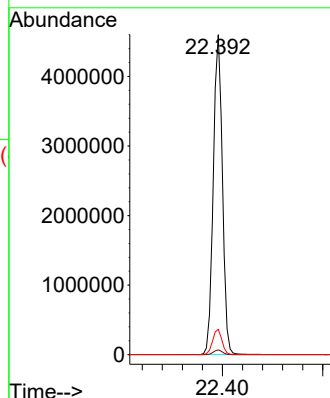
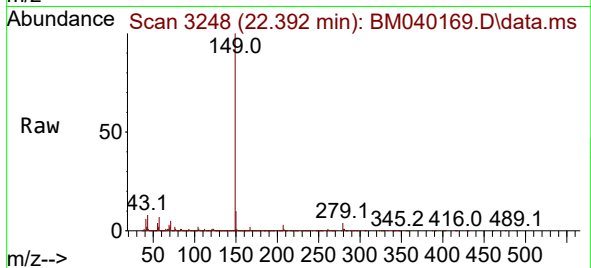
Tgt Ion:149 Resp: 5793213

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 8.1 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.986 min Scan# 3519

Delta R.T. -0.000 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

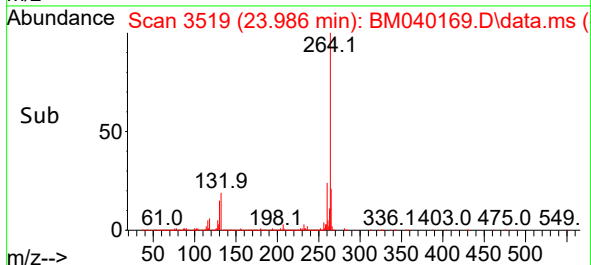
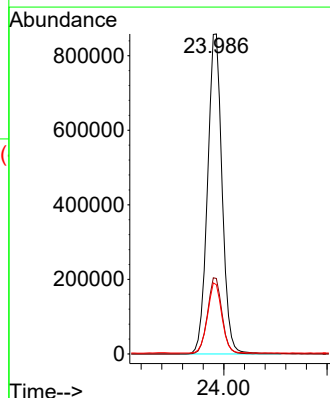
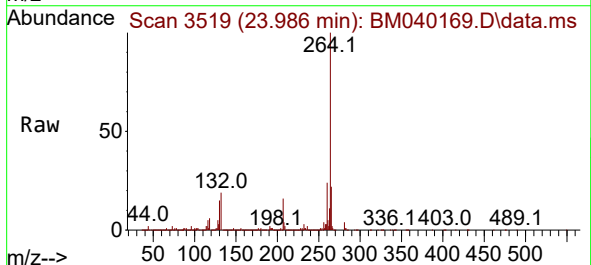
Tgt Ion:264 Resp: 1674573

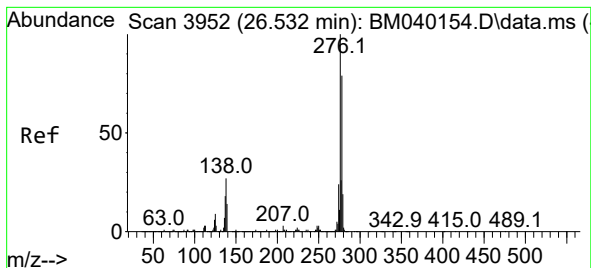
Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.7 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.296 ng

RT: 26.532 min Scan# 3952

Delta R.T. -0.000 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB153236BSD

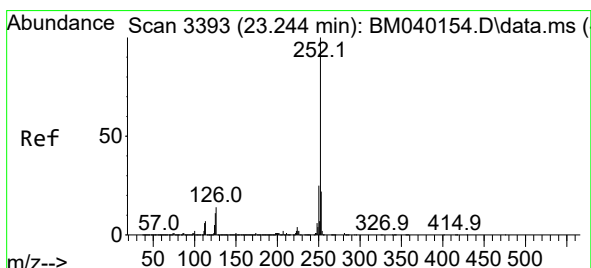
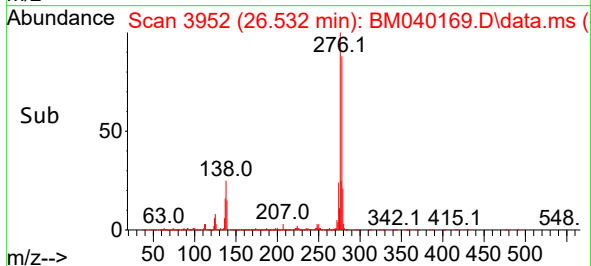
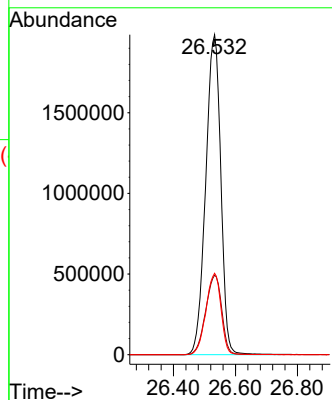
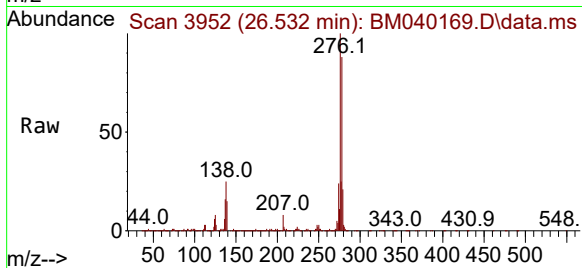
Tgt Ion:276 Resp: 6691923

Ion Ratio Lower Upper

276 100

138 26.5 23.0 34.4

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 55.837 ng

RT: 23.244 min Scan# 3393

Delta R.T. -0.000 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

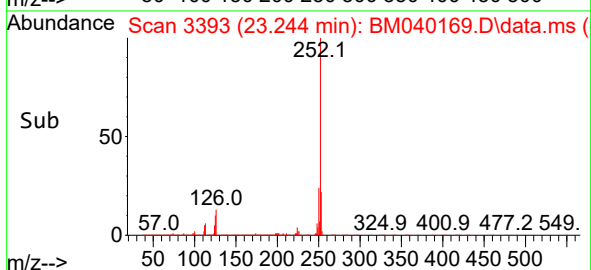
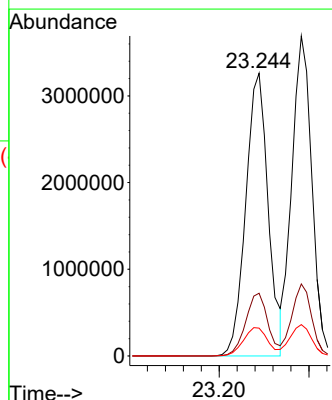
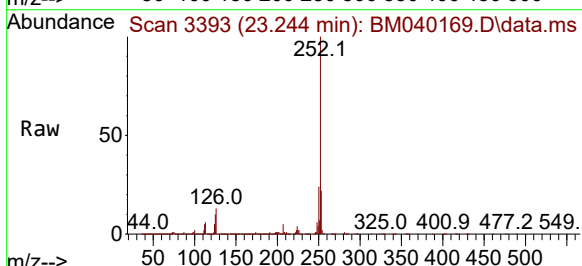
Tgt Ion:252 Resp: 5662969

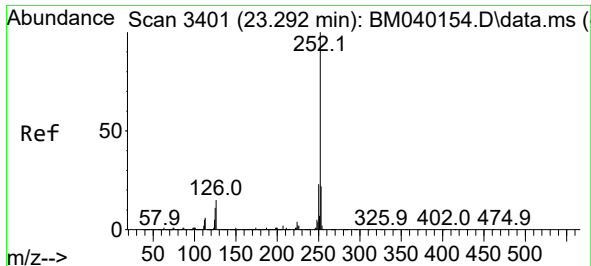
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.8 8.6 13.0

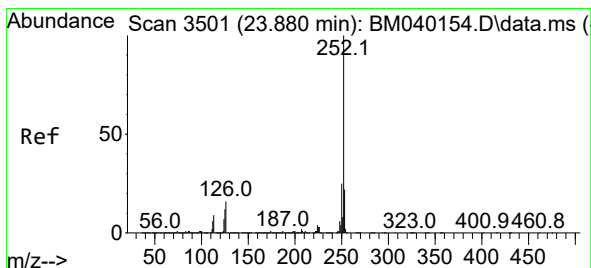
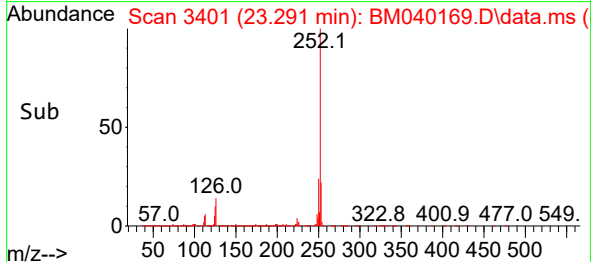
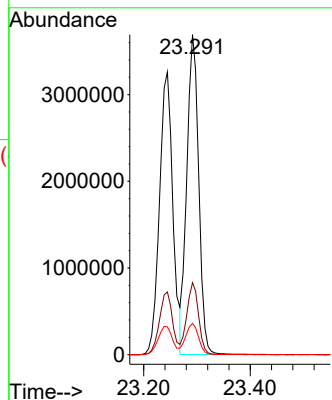
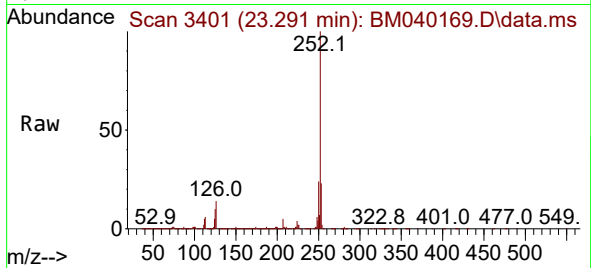




#89
Benzo(k)fluoranthene
Concen: 53.886 ng
RT: 23.291 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

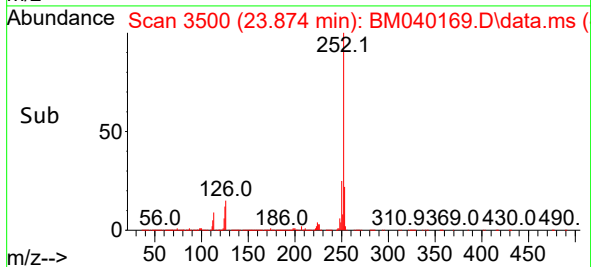
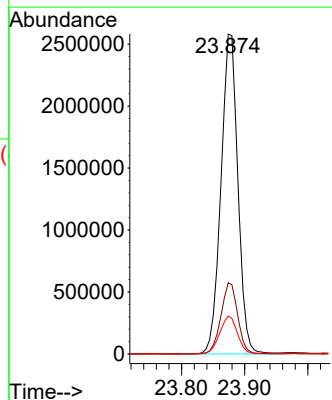
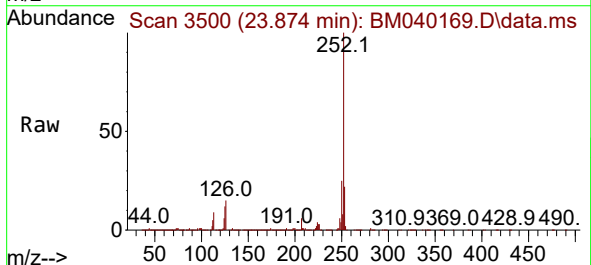
Instrument :
BNA_M
ClientSampleId :
PB153236BSD

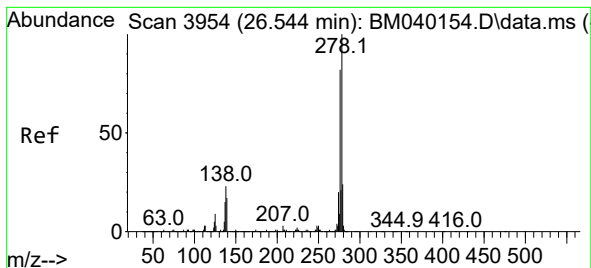
Tgt Ion:252 Resp: 5711811
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.8 9.0 13.4



#90
Benzo(a)pyrene
Concen: 49.631 ng
RT: 23.874 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BM040169.D
Acq: 08 Jun 2023 22:44

Tgt Ion:252 Resp: 4806939
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.8 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 54.016 ng

RT: 26.544 min Scan# 3954

Delta R.T. -0.000 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

Instrument :

BNA_M

ClientSampleId :

PB153236BSD

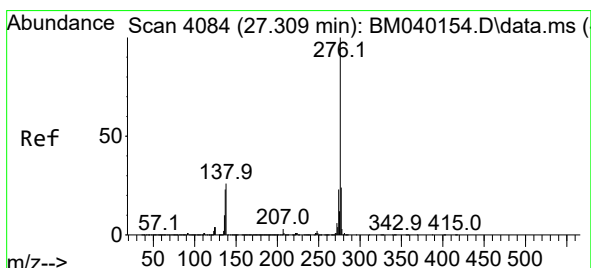
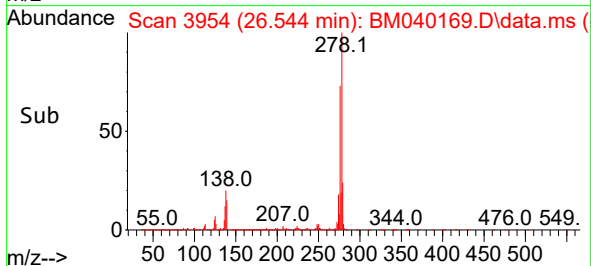
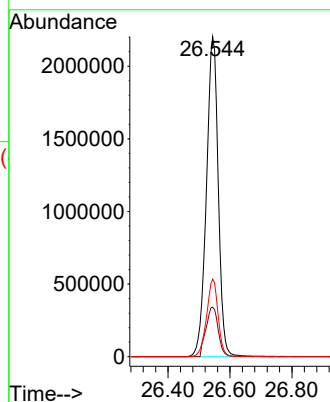
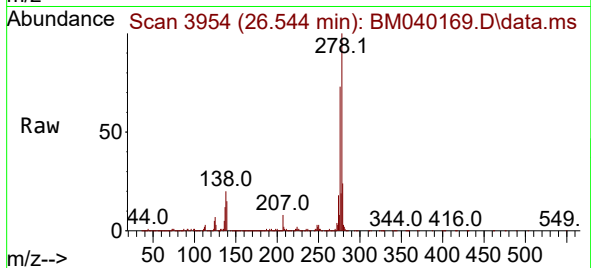
Tgt Ion:278 Resp: 5854860

Ion Ratio Lower Upper

278 100

139 15.4 13.7 20.5

279 24.2 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 51.817 ng

RT: 27.309 min Scan# 4084

Delta R.T. -0.000 min

Lab File: BM040169.D

Acq: 08 Jun 2023 22:44

Tgt Ion:276 Resp: 4824559

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 23.6 20.7 31.1

