

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
 Data File : BM039125.D
 Acq On : 23 Mar 2023 20:42
 Operator : CG/JU
 Sample : 02016-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 032023-1MS

Quant Time: Mar 24 04:33:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	227999	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	872041	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	461164	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	863088	20.000	ng	0.00
76) Chrysene-d12	21.527	240	830351	20.000	ng	0.00
86) Perylene-d12	23.956	264	1028542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1691505	112.715	ng	0.00
7) Phenol-d6	7.128	99	2112316	108.365	ng	0.00
23) Nitrobenzene-d5	9.128	82	1266048	71.315	ng	-0.01
42) 2,4,6-Tribromophenol	16.092	330	615489	115.370	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	2436934	68.791	ng	0.00
79) Terphenyl-d14	19.962	244	2788784	61.406	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	284072	42.550	ng	99
3) Pyridine	3.793	79	718193	38.788	ng	98
4) n-Nitrosodimethylamine	3.699	42	315627	41.890	ng	92
6) Aniline	7.281	93	652597	25.498	ng	100
8) 2-Chlorophenol	7.522	128	776704	48.615	ng	97
9) Benzaldehyde	7.092	77	549328	59.222	ng	97
10) Phenol	7.151	94	973336	47.021	ng	98
11) bis(2-Chloroethyl)ether	7.381	93	771293	45.829	ng	98
12) 1,3-Dichlorobenzene	7.845	146	850583	50.097	ng	99
13) 1,4-Dichlorobenzene	7.992	146	865436	50.118	ng	100
14) 1,2-Dichlorobenzene	8.316	146	826335	49.679	ng	98
15) Benzyl Alcohol	8.204	79	652156	46.678	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.492	45	978984	46.059	ng	98
17) 2-Methylphenol	8.410	107	626077	44.029	ng	98
18) Hexachloroethane	9.045	117	331617	52.050	ng	94
19) n-Nitroso-di-n-propyla...	8.775	70	562501	45.815	ng	98
20) 3+4-Methylphenols	8.739	107	836298	44.047	ng	100
22) Acetophenone	8.786	105	1148420	46.939	ng	98
24) Nitrobenzene	9.169	77	837952	44.908	ng	98
25) Isophorone	9.698	82	1522805	46.613	ng	100
26) 2-Nitrophenol	9.886	139	409977	49.650	ng	94
27) 2,4-Dimethylphenol	9.945	122	688345	48.357	ng	99
28) bis(2-Chloroethoxy)met...	10.180	93	964630	45.955	ng	99
29) 2,4-Dichlorophenol	10.422	162	660101	48.912	ng	99
30) 1,2,4-Trichlorobenzene	10.633	180	719832	48.810	ng	99
31) Naphthalene	10.822	128	2260954	45.469	ng	99
32) Benzoic acid	10.075	122	435023	42.411	ng	97
33) 4-Chloroaniline	10.933	127	202098	9.537	ng	99
34) Hexachlorobutadiene	11.104	225	418242	49.454	ng	97
35) Caprolactam	11.727	113	180582	43.964	ng	96
36) 4-Chloro-3-methylphenol	12.063	107	677033	47.112	ng	99
37) 2-Methylnaphthalene	12.427	142	1484973	44.556	ng	98
38) 1-Methylnaphthalene	12.651	142	1378434	44.134	ng	100
40) 1,2,4,5-Tetrachloroben...	12.798	216	745556	49.730	ng	100
41) Hexachlorocyclopentadiene	12.774	237	846690	102.887	ng	98
43) 2,4,6-Trichlorophenol	13.039	196	490503	50.524	ng	99

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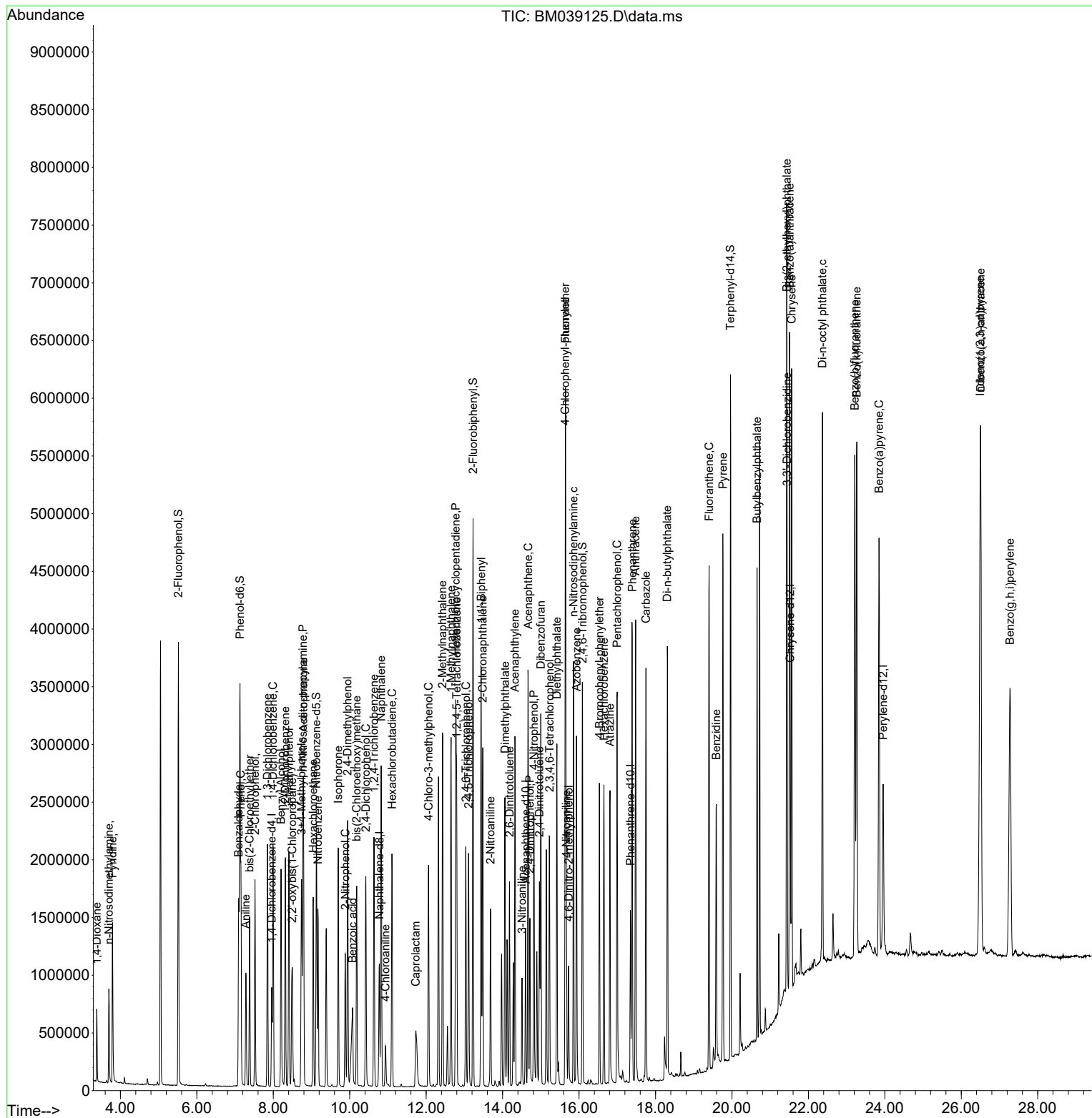
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	520917	45.841	ng	97
46) 1,1'-Biphenyl	13.439	154	1881955	48.170	ng	99
47) 2-Chloronaphthalene	13.480	162	1417825	48.126	ng	99
48) 2-Nitroaniline	13.686	65	423332	45.025	ng	93
49) Acenaphthylene	14.321	152	2182650	46.512	ng	99
50) Dimethylphthalate	14.063	163	1643563	46.316	ng	99
51) 2,6-Dinitrotoluene	14.180	165	357056	45.568	ng	96
52) Acenaphthene	14.668	154	1292528	44.818	ng	99
53) 3-Nitroaniline	14.510	138	240215	26.906	ng	97
54) 2,4-Dinitrophenol	14.715	184	311795	69.828	ng	91
55) Dibenzofuran	14.998	168	2025529	44.883	ng	99
56) 4-Nitrophenol	14.821	139	681211	96.657	ng	95
57) 2,4-Dinitrotoluene	14.963	165	479749	46.518	ng	100
58) Fluorene	15.645	166	1580406	44.706	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	423729	48.350	ng	97
60) Diethylphthalate	15.421	149	1633013	47.295	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	782419	45.052	ng	99
62) 4-Nitroaniline	15.668	138	375593	40.505	ng	96
63) Azobenzene	15.933	77	1683124	46.069	ng	97
65) 4,6-Dinitro-2-methylph...	15.727	198	228861	41.160	ng	91
66) n-Nitrosodiphenylamine	15.857	169	1350363	46.410	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	455530	48.864	ng	98
68) Hexachlorobenzene	16.651	284	511274	49.060	ng	99
69) Atrazine	16.809	200	437444	55.041	ng	99
70) Pentachlorophenol	16.998	266	674003	87.933	ng	99
71) Phenanthrene	17.392	178	2344342	46.280	ng	99
72) Anthracene	17.480	178	2372340	46.962	ng	99
73) Carbazole	17.751	167	2178812	47.259	ng	100
74) Di-n-butylphthalate	18.309	149	2755485	48.964	ng	99
75) Fluoranthene	19.403	202	2579590	48.231	ng	99
77) Benzidine	19.592	184	1358235	69.347	ng	98
78) Pyrene	19.762	202	2728547	43.750	ng	100
80) Butylbenzylphthalate	20.656	149	1210223	45.800	ng	99
81) Benzo(a)anthracene	21.509	228	2851597	47.687	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	833104	45.332	ng	99
83) Chrysene	21.562	228	2655584	45.661	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1886382	49.137	ng	100
85) Di-n-octyl phthalate	22.368	149	3356361	52.374	ng	98
87) Indeno(1,2,3-cd)pyrene	26.497	276	3874879	49.510	ng	100
88) Benzo(b)fluoranthene	23.215	252	3151022	47.953	ng	99
89) Benzo(k)fluoranthene	23.268	252	3117871	45.593	ng	100
90) Benzo(a)pyrene	23.850	252	2858208	45.196	ng	100
91) Dibenzo(a,h)anthracene	26.509	278	3193301	48.179	ng	99
92) Benzo(g,h,i)perylene	27.279	276	3181052	49.055	ng	99

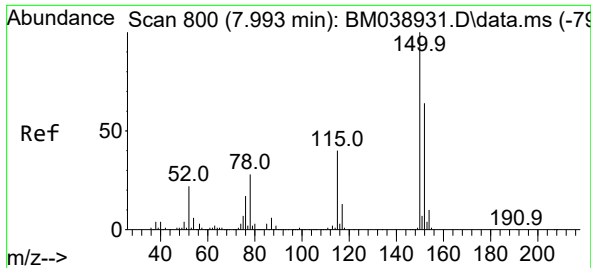
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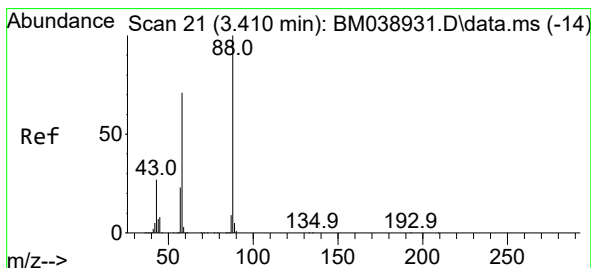
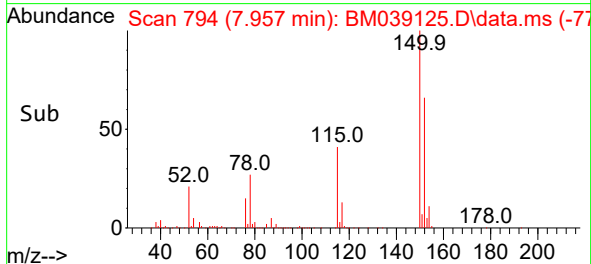
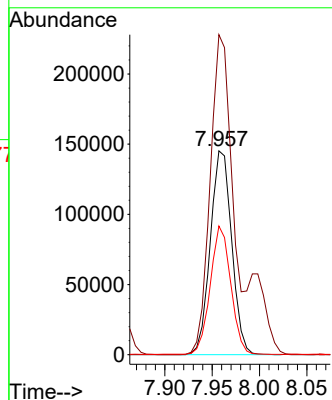
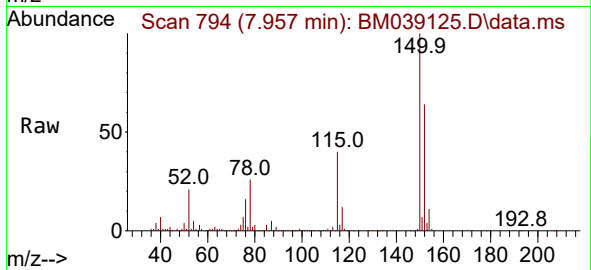




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

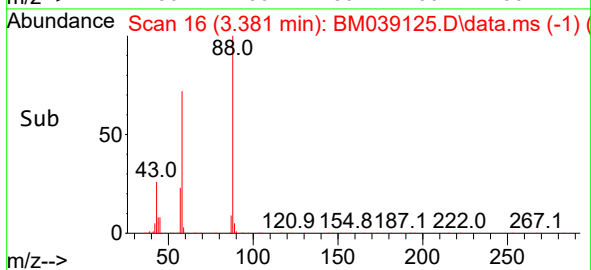
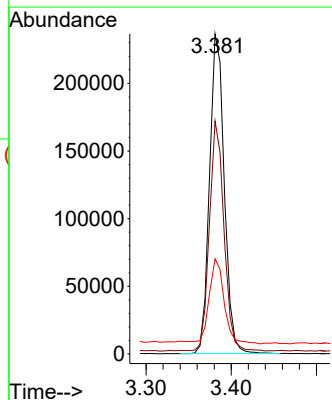
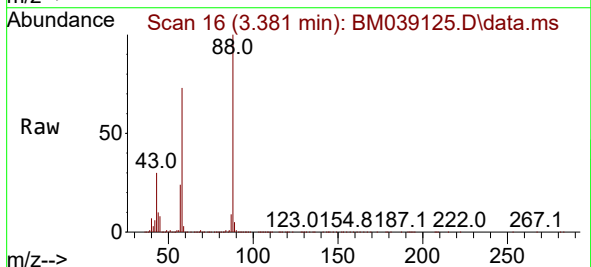
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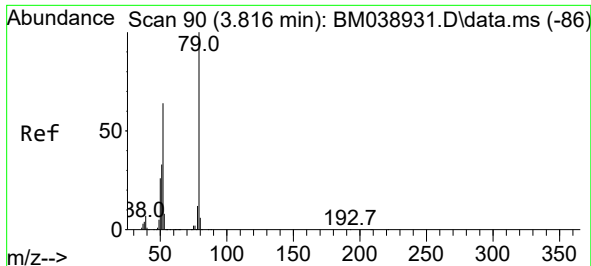
Tgt Ion:152 Resp: 227999
Ion Ratio Lower Upper
152 100
150 157.0 125.1 187.7
115 63.1 49.6 74.4



#2
1,4-Dioxane
Concen: 42.550 ng
RT: 3.381 min Scan# 16
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion: 88 Resp: 284072
Ion Ratio Lower Upper
88 100
58 71.2 57.2 85.8
43 26.8 22.0 33.0

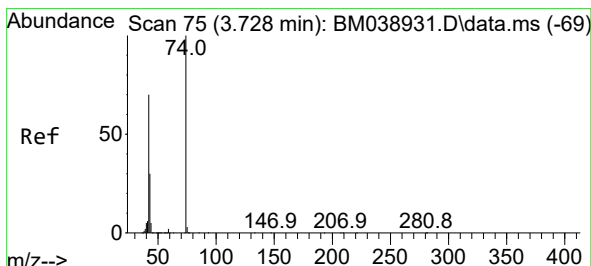
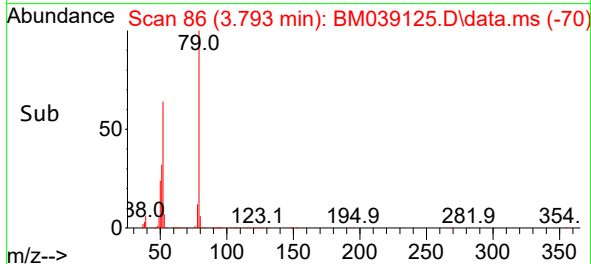
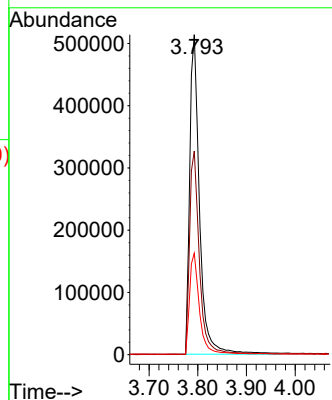
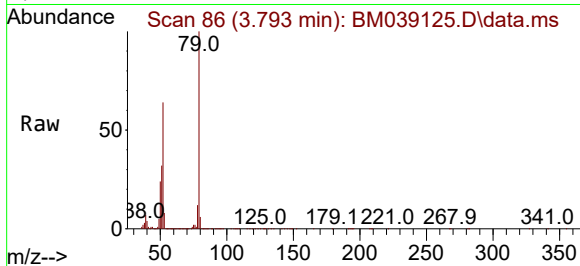




#3
 Pyridine
 Concen: 38.788 ng
 RT: 3.793 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM039125.D
 Acq: 23 Mar 2023 20:42

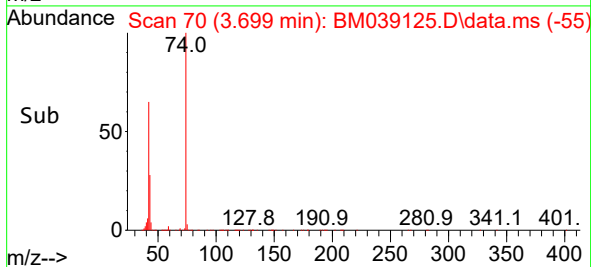
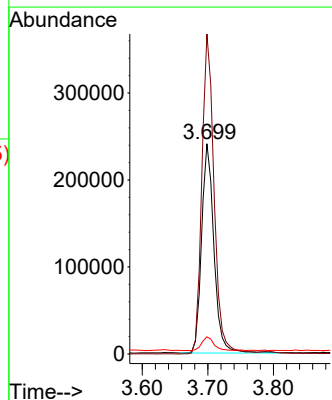
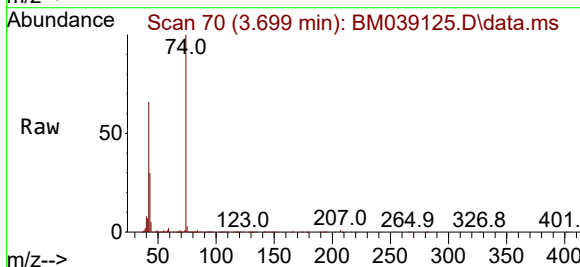
Instrument :
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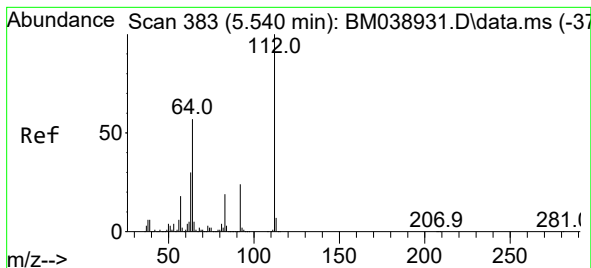
Tgt Ion: 79 Resp: 718193
 Ion Ratio Lower Upper
 79 100
 52 63.6 51.4 77.2
 51 31.7 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 41.890 ng
 RT: 3.699 min Scan# 70
 Delta R.T. -0.012 min
 Lab File: BM039125.D
 Acq: 23 Mar 2023 20:42

Tgt Ion: 42 Resp: 315627
 Ion Ratio Lower Upper
 42 100
 74 152.2 113.8 170.8
 44 8.1 6.2 9.2

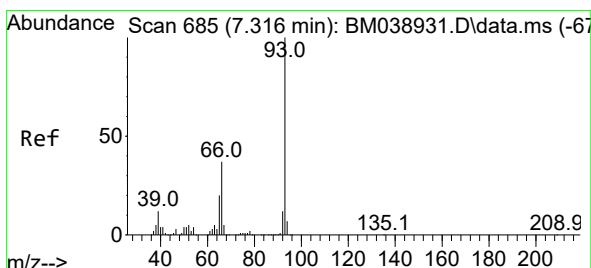
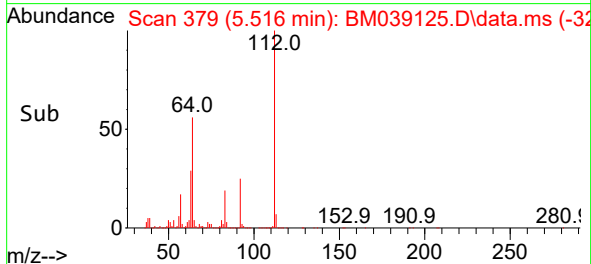
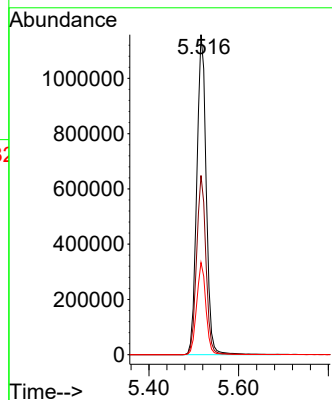
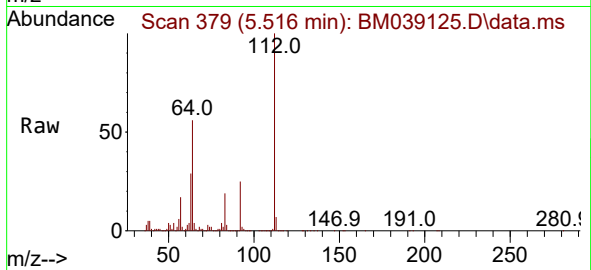




#5
2-Fluorophenol
Concen: 112.715 ng
RT: 5.516 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

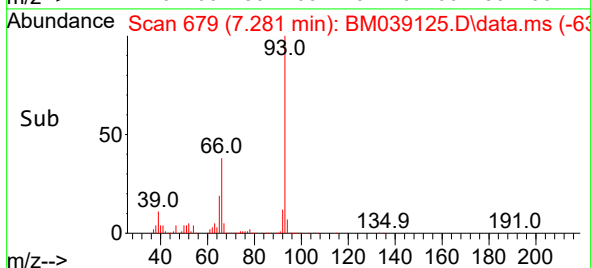
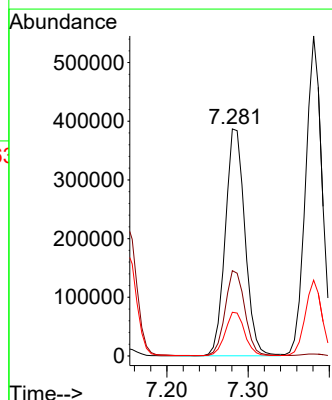
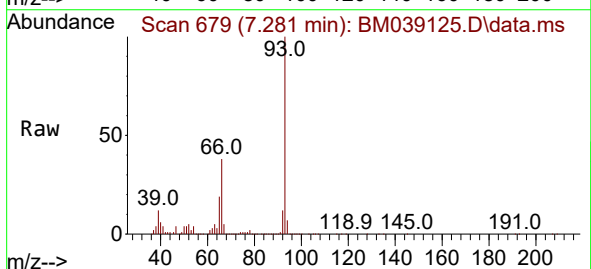
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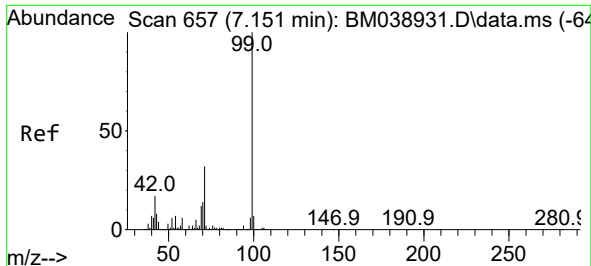
Tgt Ion:112 Resp: 1691505
Ion Ratio Lower Upper
112 100
64 56.0 45.9 68.9
63 28.8 23.8 35.8



#6
Aniline
Concen: 25.498 ng
RT: 7.281 min Scan# 679
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion: 93 Resp: 652597
Ion Ratio Lower Upper
93 100
66 37.6 30.0 45.0
65 19.3 15.8 23.6

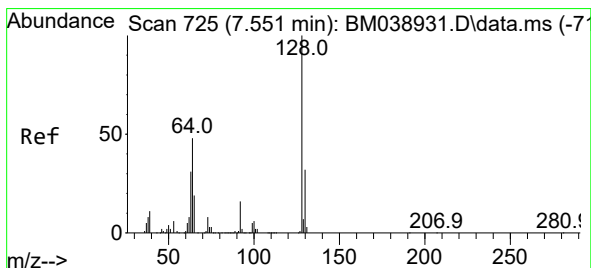
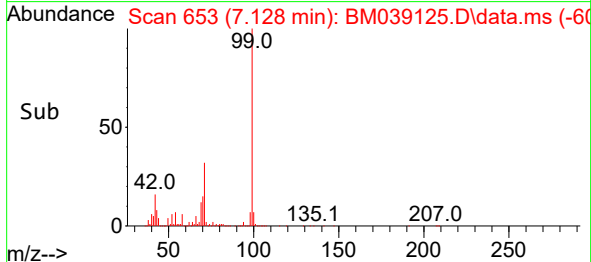
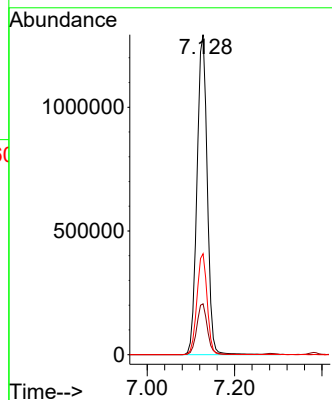
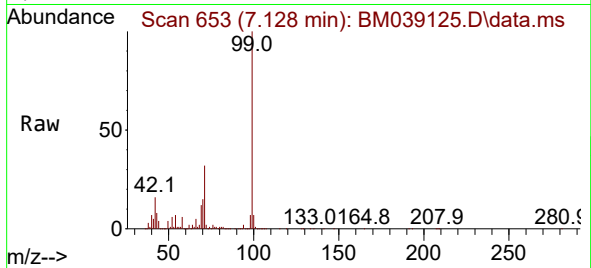




#7
Phenol-d6
Concen: 108.365 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

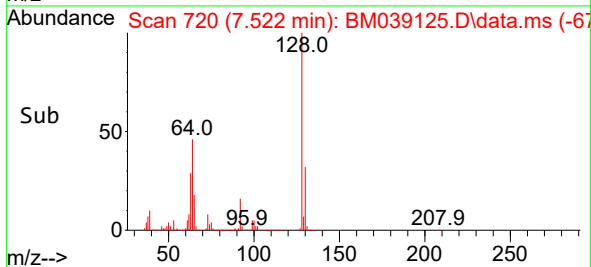
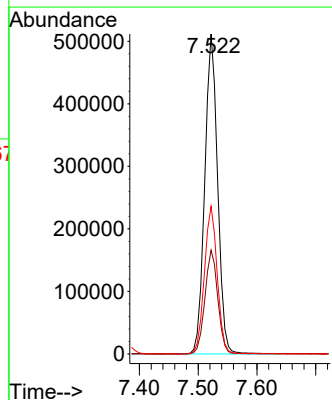
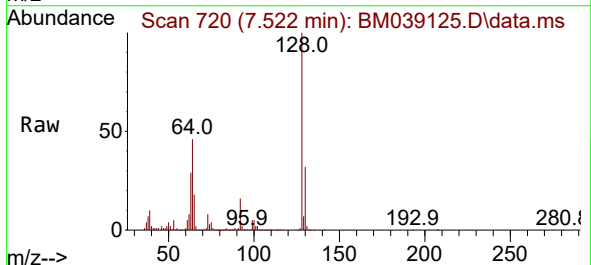
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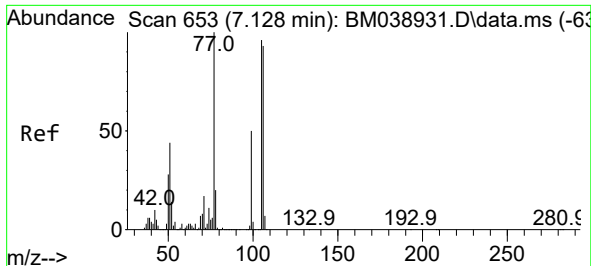
Tgt Ion: 99 Resp: 2112316
Ion Ratio Lower Upper
99 100
42 15.9 13.5 20.3
71 31.6 25.6 38.4



#8
2-Chlorophenol
Concen: 48.615 ng
RT: 7.522 min Scan# 720
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion: 128 Resp: 776704
Ion Ratio Lower Upper
128 100
130 32.4 11.9 51.9
64 46.2 28.6 68.6

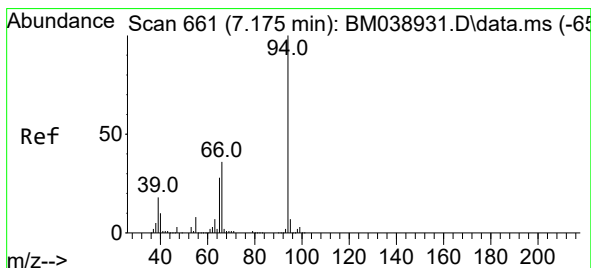
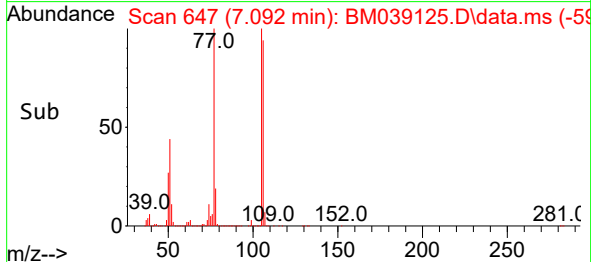
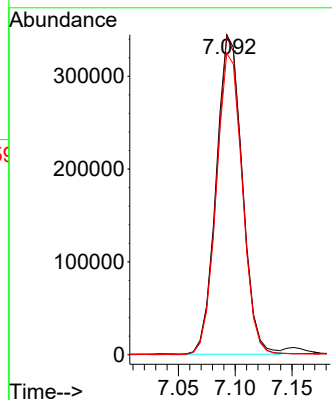
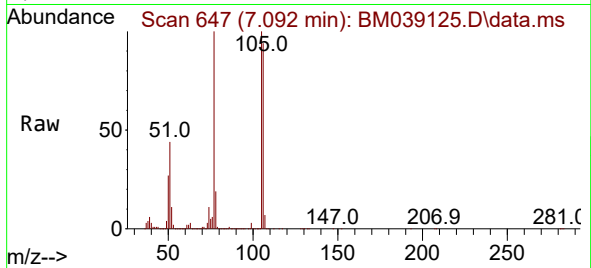




#9
Benzaldehyde
Concen: 59.222 ng
RT: 7.092 min Scan# 64
Delta R.T. -0.012 min
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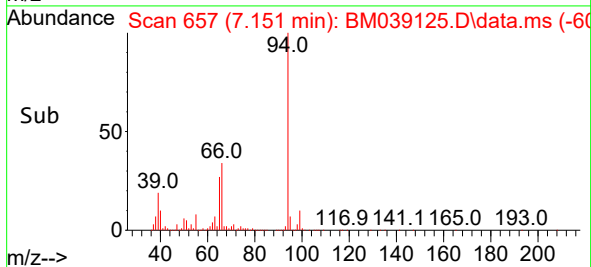
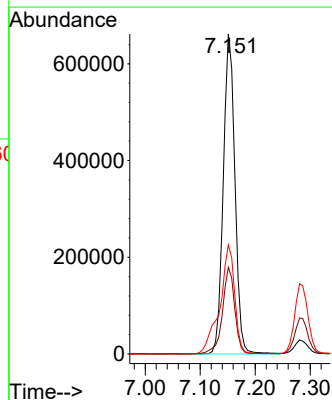
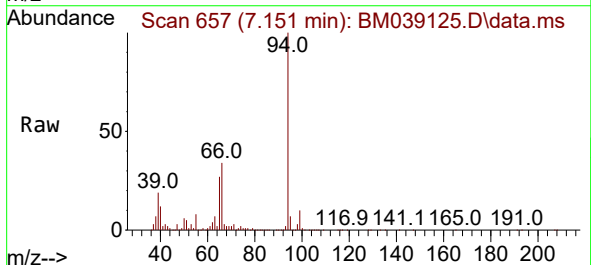
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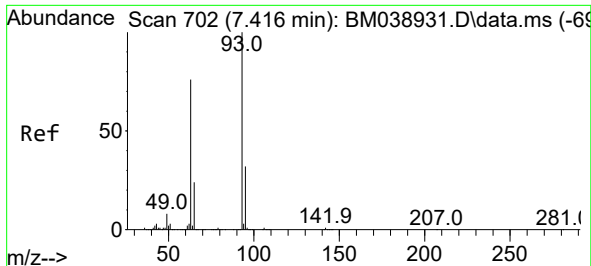
Tgt Ion: 77 Resp: 549328
Ion Ratio Lower Upper
77 100
105 99.6 75.8 115.8
106 94.2 72.6 112.6



#10
Phenol
Concen: 47.021 ng
RT: 7.151 min Scan# 657
Delta R.T. -0.006 min
Lab File: BM039125.D
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Tgt Ion: 94 Resp: 973336
Ion Ratio Lower Upper
94 100
65 27.1 7.9 47.9
66 34.1 15.8 55.8

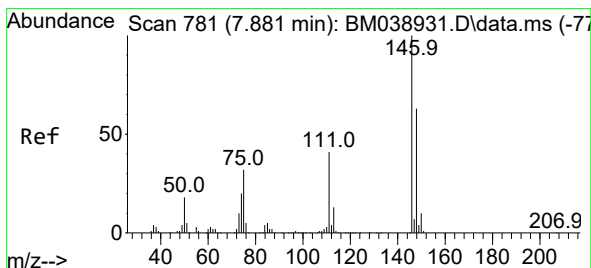
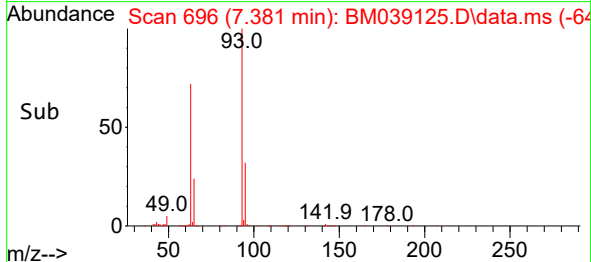
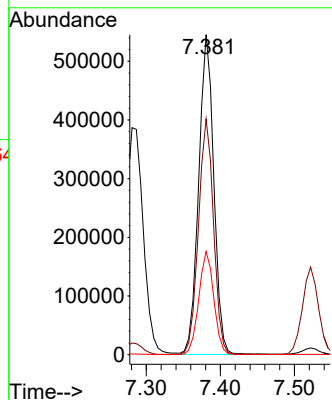
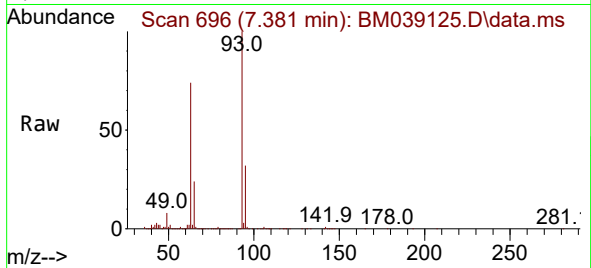




#11
bis(2-Chloroethyl)ether
Concen: 45.829 ng
RT: 7.381 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

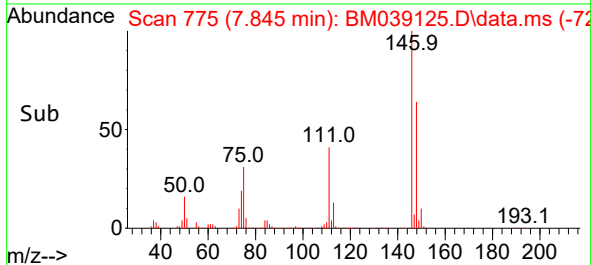
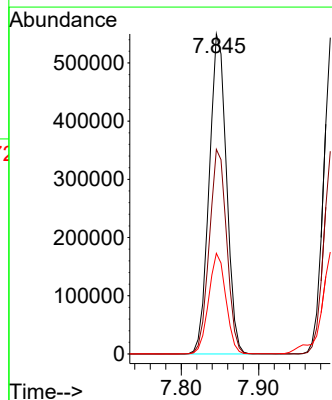
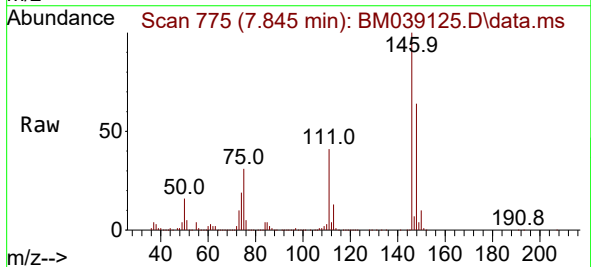
Instrument :
BNA_M
ClientSampleId :
032023-1MS

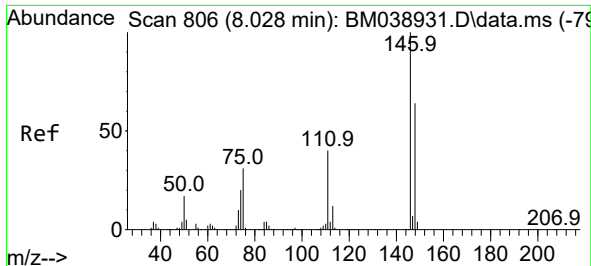
Tgt Ion: 93 Resp: 771293
Ion Ratio Lower Upper
93 100
63 73.7 55.8 95.8
95 32.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 50.097 ng
RT: 7.845 min Scan# 775
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion: 146 Resp: 850583
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
75 31.4 26.0 39.0

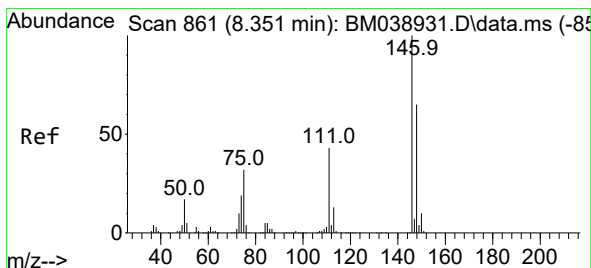
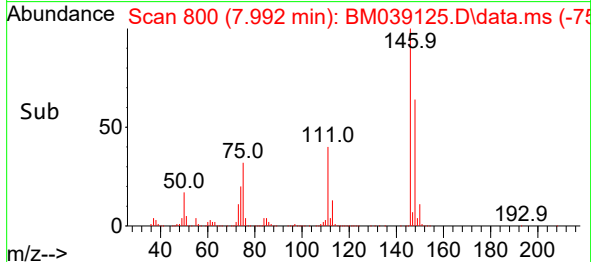
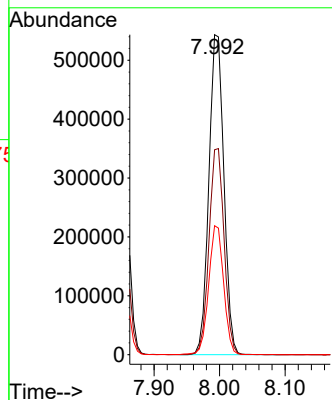
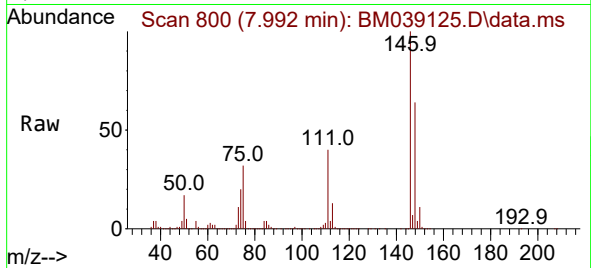




#13
1,4-Dichlorobenzene
Concen: 50.118 ng
RT: 7.992 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

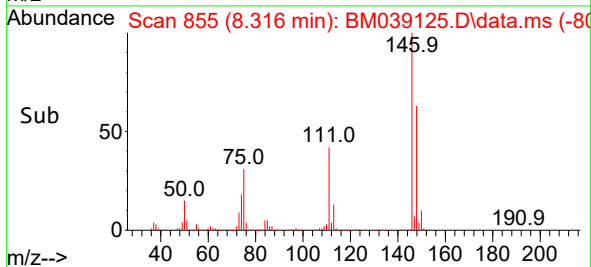
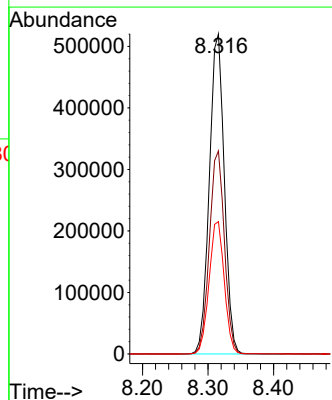
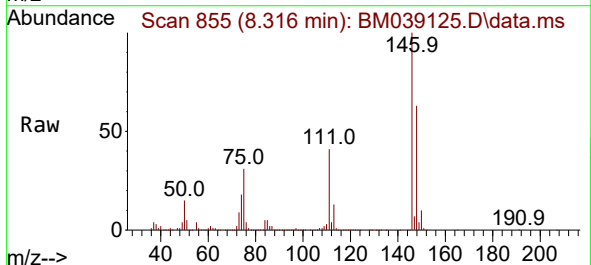
Instrument :
BNA_M
ClientSampleId :
032023-1MS

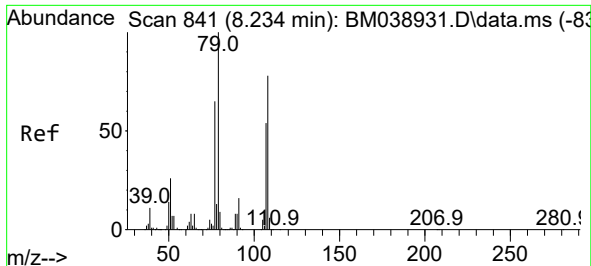
Tgt Ion:146 Resp: 865436
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
111 40.3 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 49.679 ng
RT: 8.316 min Scan# 855
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:146 Resp: 826335
Ion Ratio Lower Upper
146 100
148 63.4 51.7 77.5
111 41.3 34.2 51.4

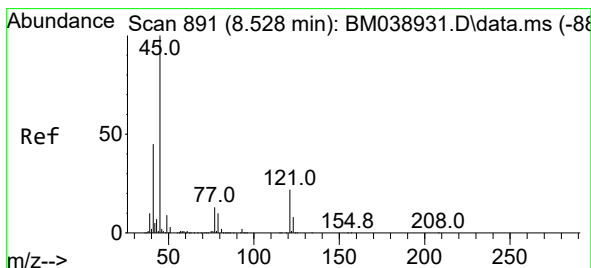
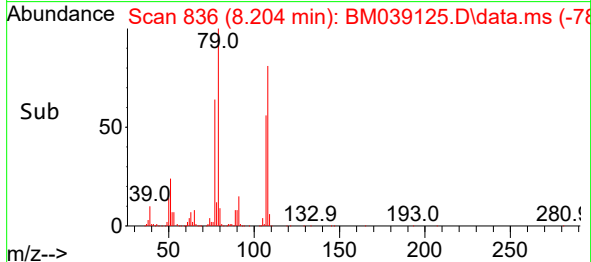
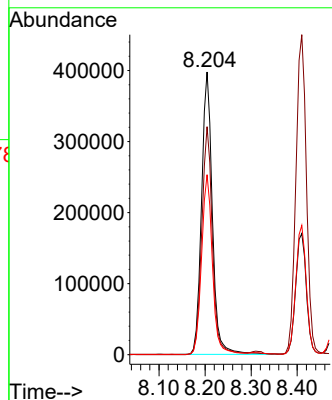
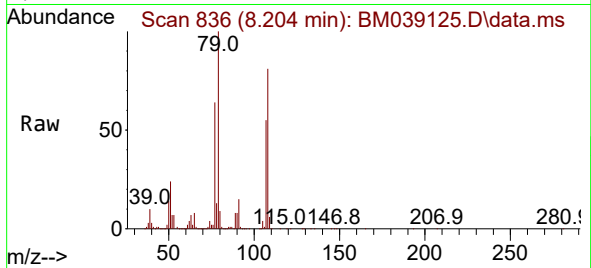




#15
Benzyl Alcohol
Concen: 46.678 ng
RT: 8.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

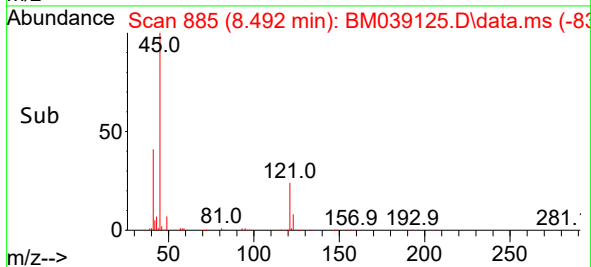
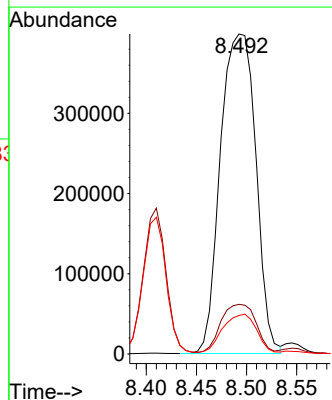
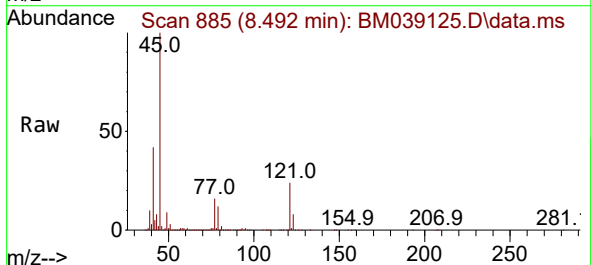
Instrument :
BNA_M
ClientSampleId :
032023-1MS

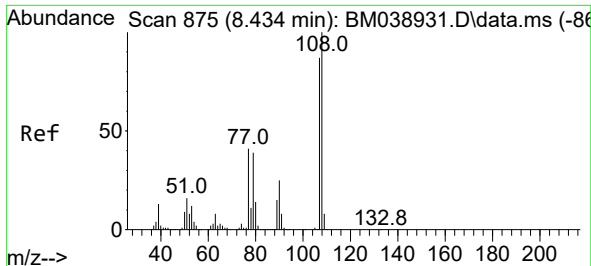
Tgt Ion: 79 Resp: 652156
Ion Ratio Lower Upper
79 100
108 80.6 62.4 93.6
77 63.7 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.059 ng
RT: 8.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion: 45 Resp: 978984
Ion Ratio Lower Upper
45 100
77 15.5 0.0 34.8
79 12.0 0.0 31.5

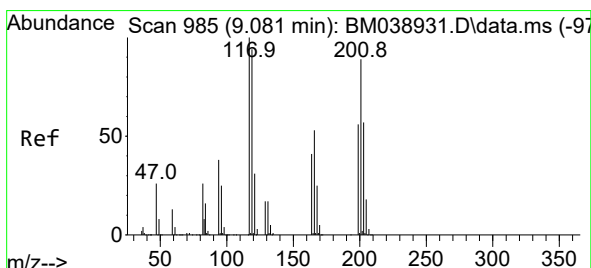
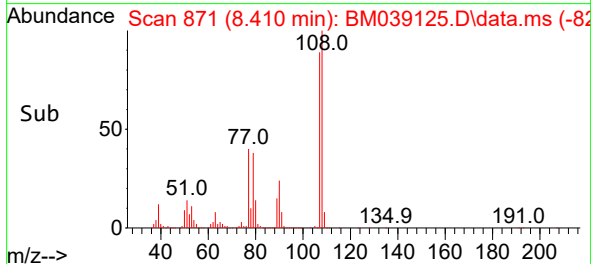
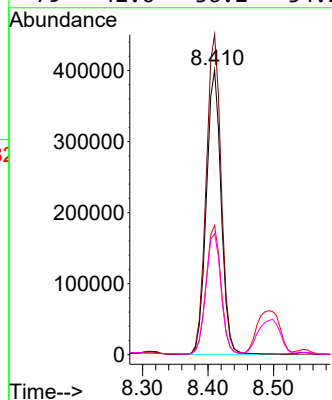
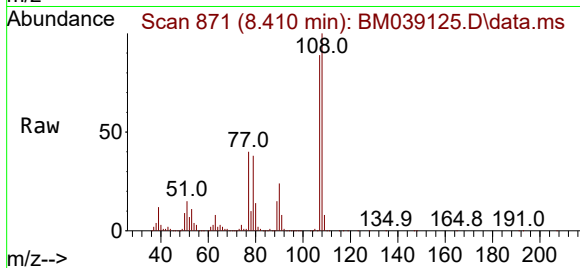




#17
2-Methylphenol
Concen: 44.029 ng
RT: 8.410 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

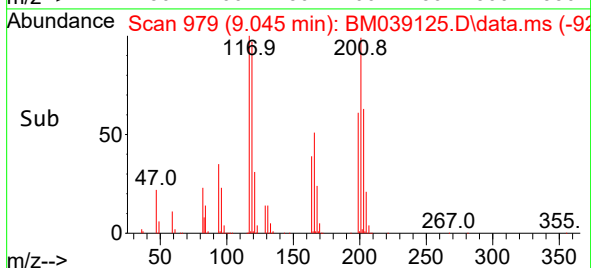
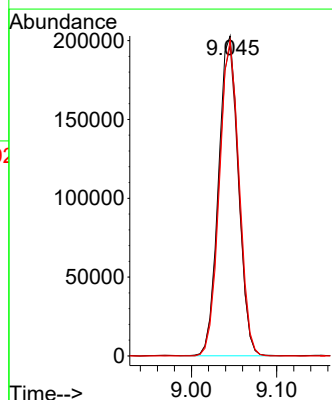
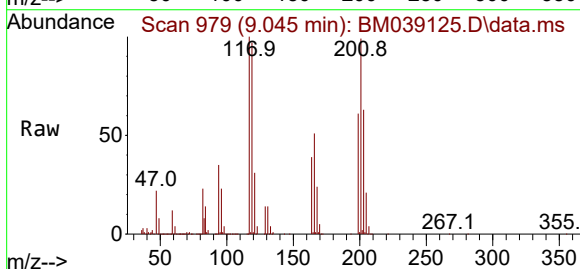
Instrument :
BNA_M
ClientSampleId :
032023-1MS

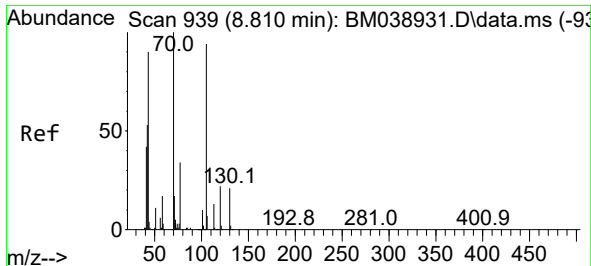
Tgt Ion:107 Resp: 626077
Ion Ratio Lower Upper
107 100
108 112.4 91.7 137.5
77 45.4 37.4 56.2
79 42.6 36.2 54.2



#18
Hexachloroethane
Concen: 52.050 ng
RT: 9.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:117 Resp: 331617
Ion Ratio Lower Upper
117 100
119 97.0 75.4 113.0
201 98.6 71.3 106.9





#19

n-Nitroso-di-n-propylamine

Concen: 45.815 ng

RT: 8.775 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Instrument :

BNA_M

ClientSampleId :

032023-1MS

Tgt Ion: 70 Resp: 562501

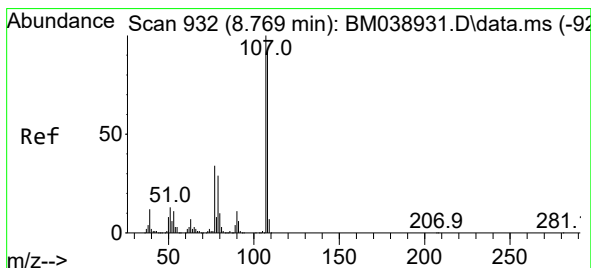
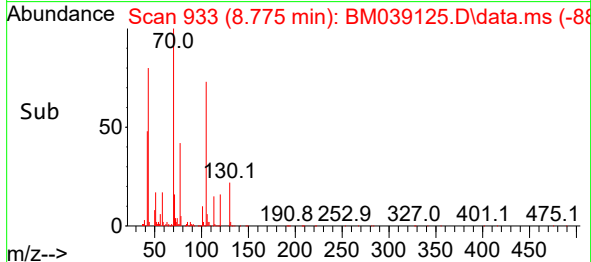
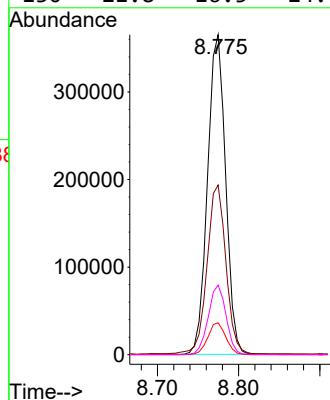
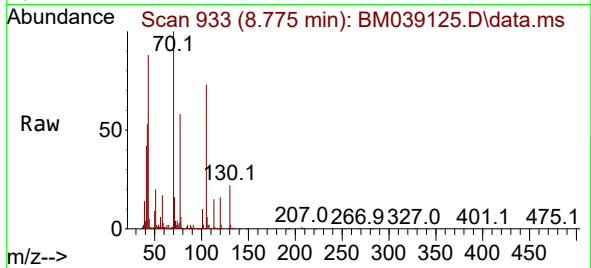
Ion Ratio Lower Upper

70 100

42 53.0 43.4 65.2

101 10.0 7.6 11.4

130 21.8 16.5 24.7



#20

3+4-Methylphenols

Concen: 44.047 ng

RT: 8.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Tgt Ion: 107 Resp: 836298

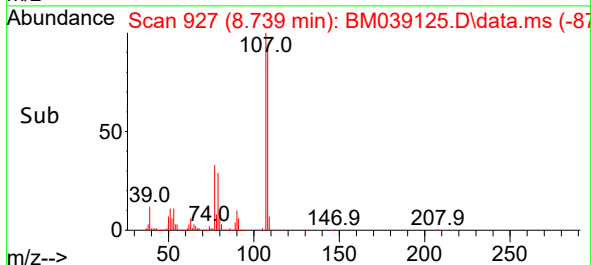
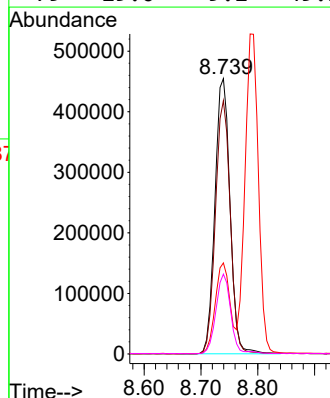
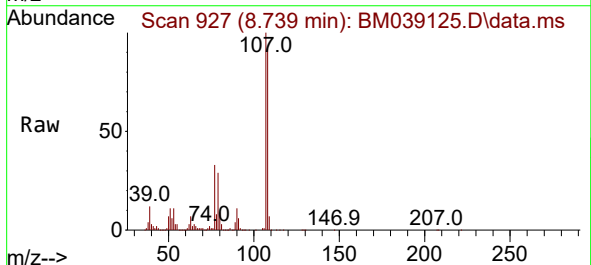
Ion Ratio Lower Upper

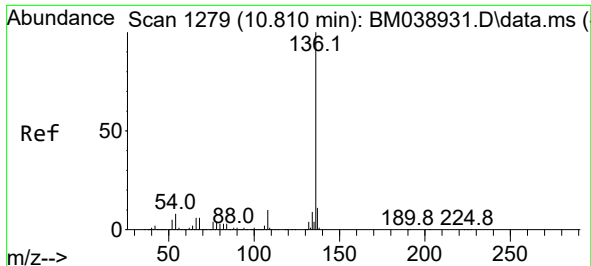
107 100

108 92.0 71.8 111.8

77 33.1 13.6 53.6

79 29.0 9.2 49.2

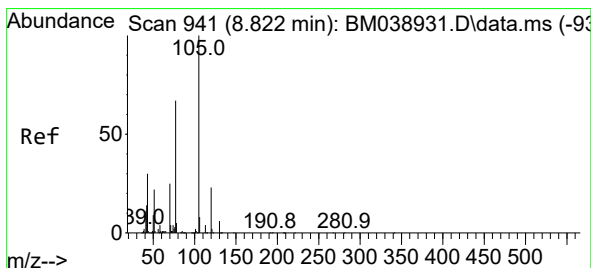
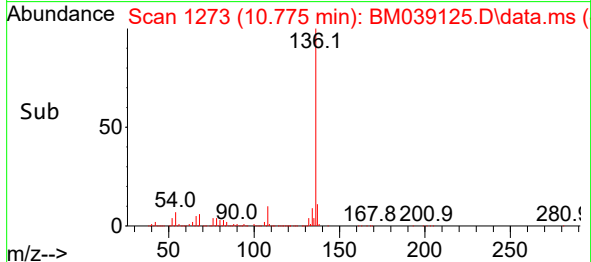
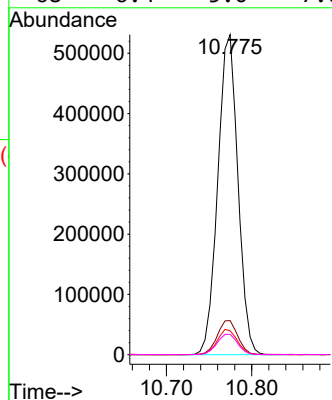
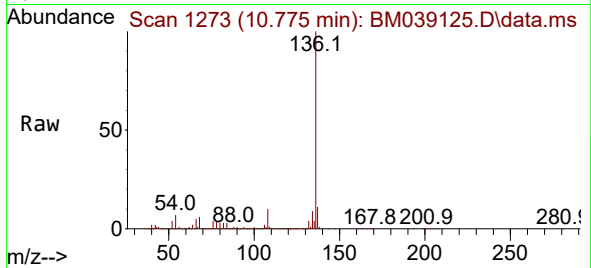




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

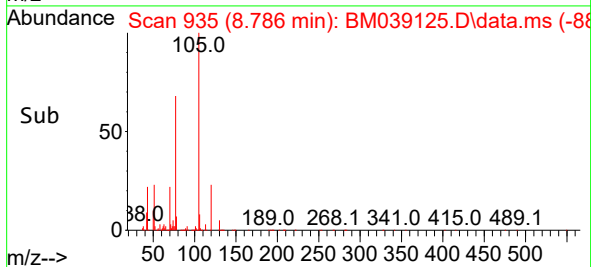
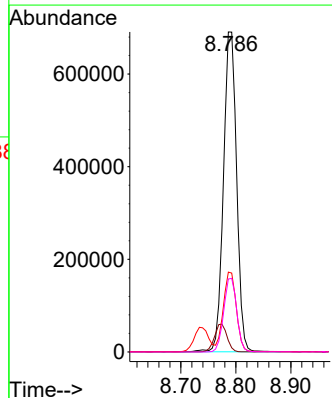
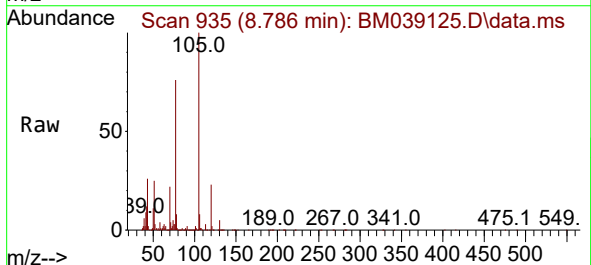
Instrument :
BNA_M
ClientSampleId :
032023-1MS

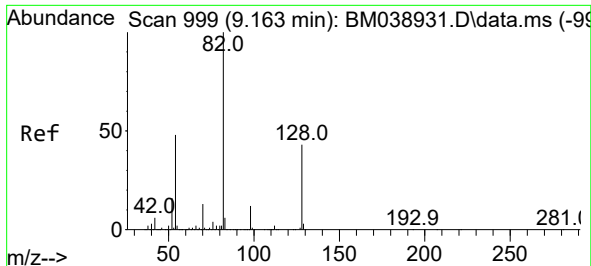
Tgt Ion:	136	Resp:	872041
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.5	6.3	9.5
68	6.4	5.0	7.6



#22
Acetophenone
Concen: 46.939 ng
RT: 8.786 min Scan# 935
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:	105	Resp:	1148420
Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.4	5.0
51	24.9	21.0	31.4
120	22.8	18.1	27.1

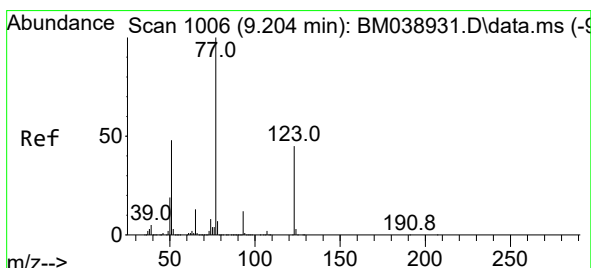
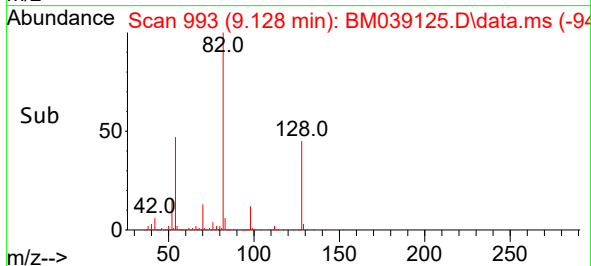
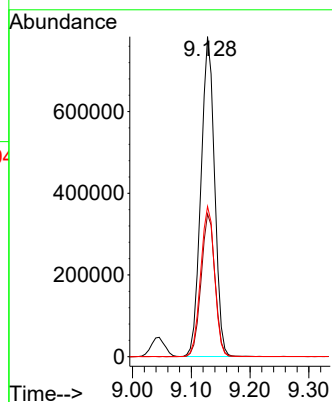
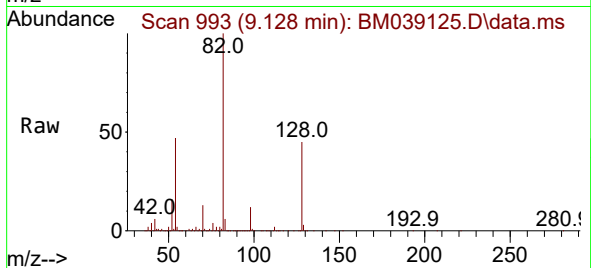




#23
Nitrobenzene-d5
Concen: 71.315 ng
RT: 9.128 min Scan# 999
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

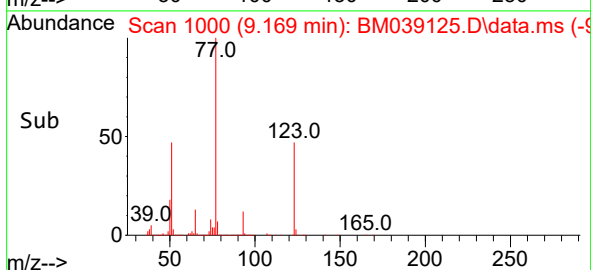
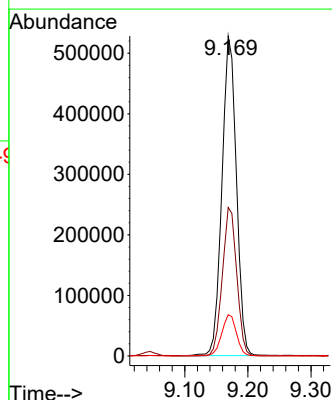
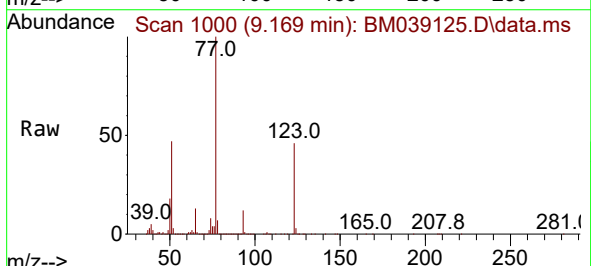
Instrument :
BNA_M
ClientSampleId :
032023-1MS

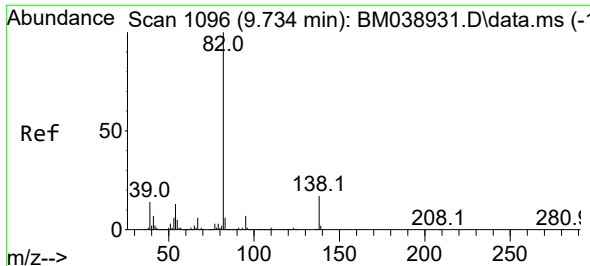
Tgt Ion: 82 Resp: 1266048
Ion Ratio Lower Upper
82 100
128 44.6 34.4 51.6
54 47.0 38.8 58.2



#24
Nitrobenzene
Concen: 44.908 ng
RT: 9.169 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion: 77 Resp: 837952
Ion Ratio Lower Upper
77 100
123 46.4 35.8 53.6
65 12.9 10.2 15.4

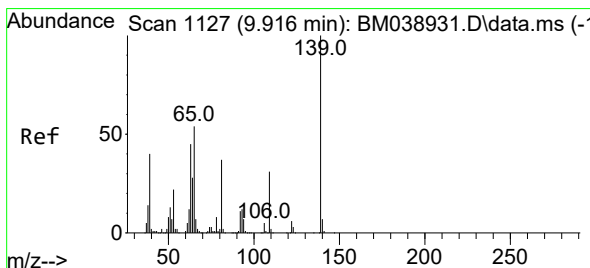
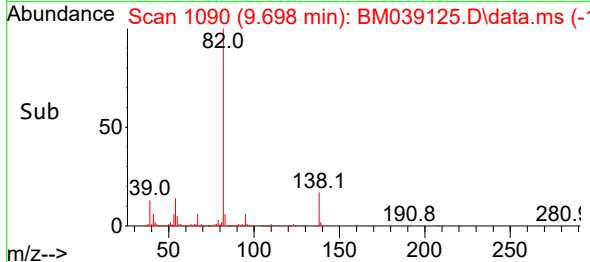
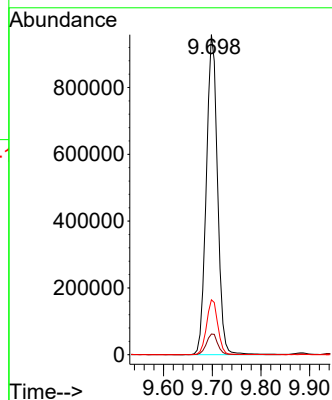
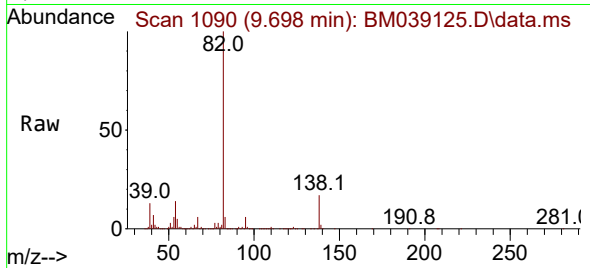




#25
Isophorone
Concen: 46.613 ng
RT: 9.698 min Scan# 1096
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

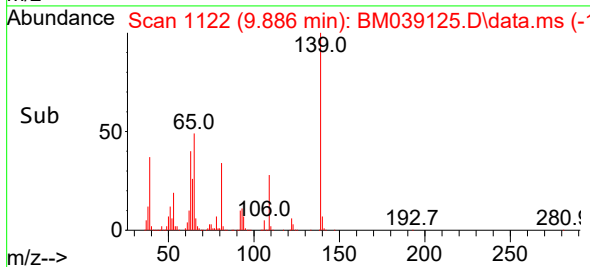
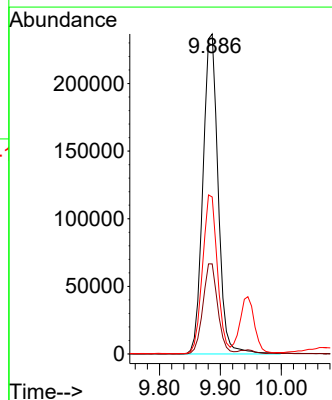
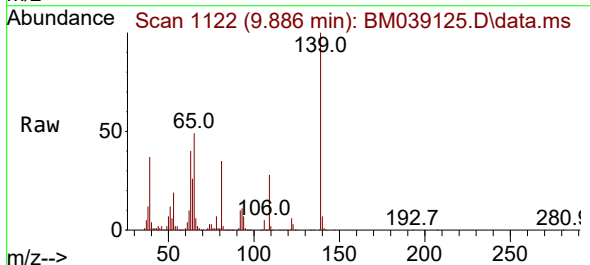
Instrument :
BNA_M
ClientSampleId :
032023-1MS

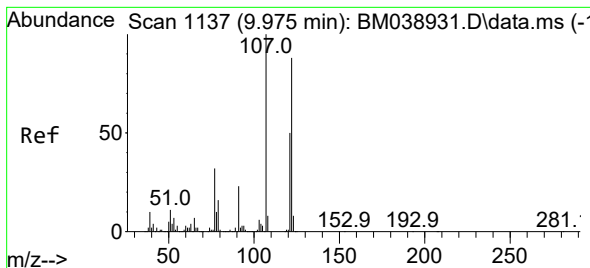
Tgt Ion: 82 Resp: 1522805
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 17.2 13.6 20.4



#26
2-Nitrophenol
Concen: 49.650 ng
RT: 9.886 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion: 139 Resp: 409977
Ion Ratio Lower Upper
139 100
109 28.2 24.5 36.7
65 49.0 43.0 64.6

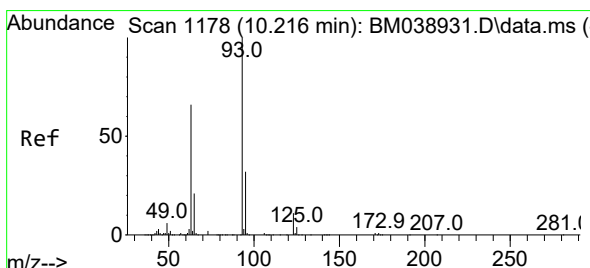
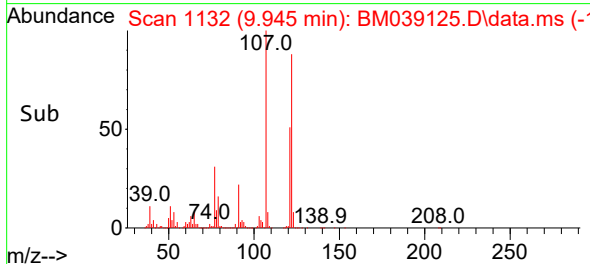
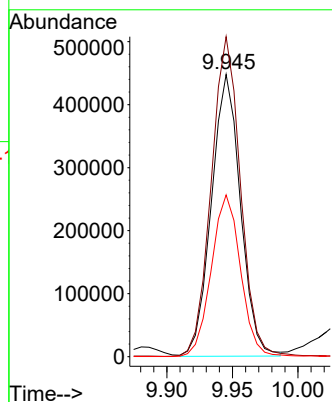
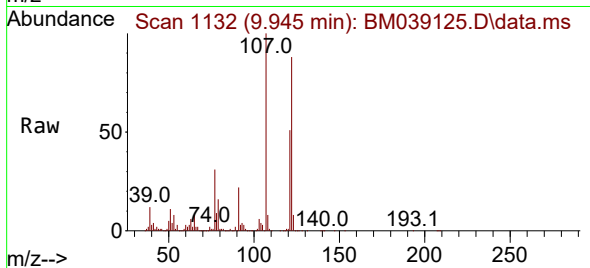




#27
2,4-Dimethylphenol
Concen: 48.357 ng
RT: 9.945 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

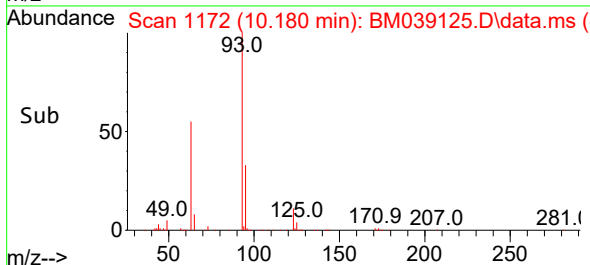
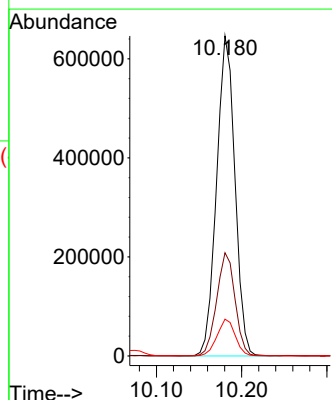
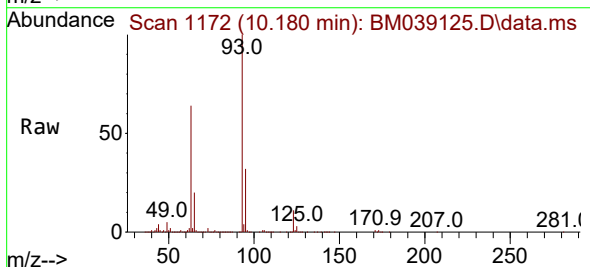
Instrument :
BNA_M
ClientSampleId :
032023-1MS

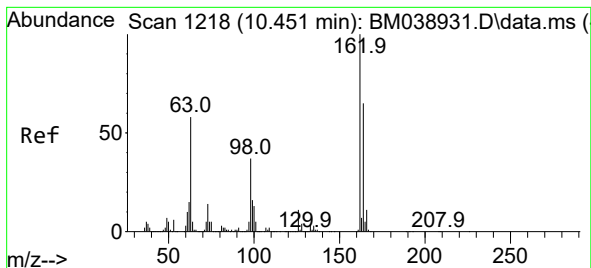
Tgt Ion:122 Resp: 688345
Ion Ratio Lower Upper
122 100
107 113.4 91.0 136.4
121 57.3 45.1 67.7



#28
bis(2-Chloroethoxy)methane
Concen: 45.955 ng
RT: 10.180 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion: 93 Resp: 964630
Ion Ratio Lower Upper
93 100
95 32.3 25.9 38.9
123 11.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 48.912 ng

RT: 10.422 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Instrument :

BNA_M

ClientSampleId :

032023-1MS

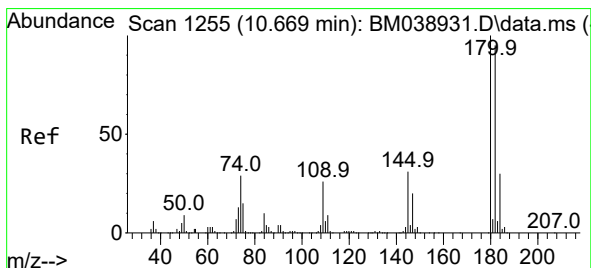
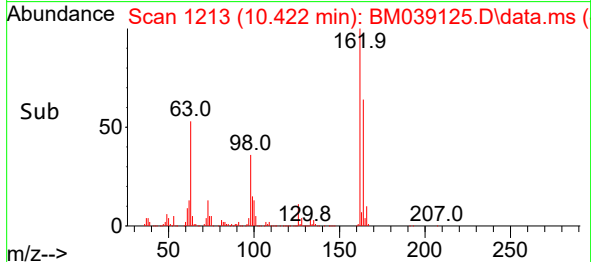
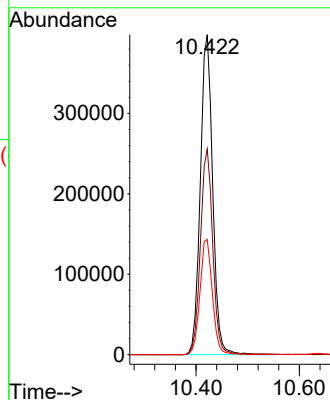
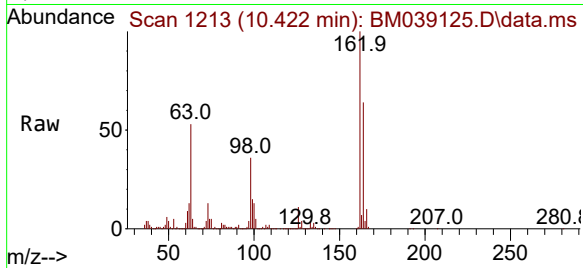
Tgt Ion:162 Resp: 660101

Ion Ratio Lower Upper

162 100

164 64.3 44.6 84.6

98 36.0 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 48.810 ng

RT: 10.633 min Scan# 1249

Delta R.T. -0.012 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

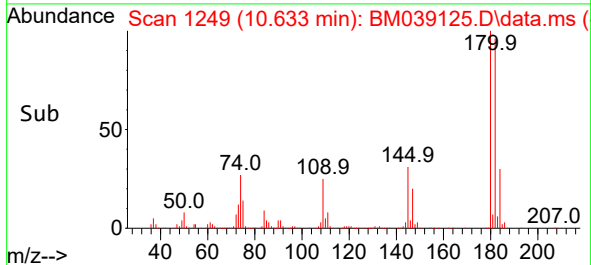
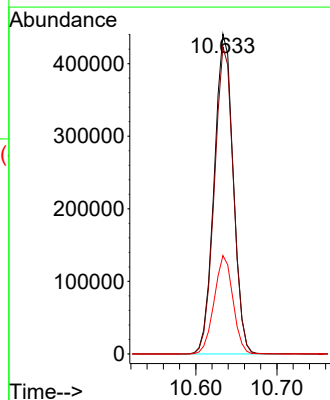
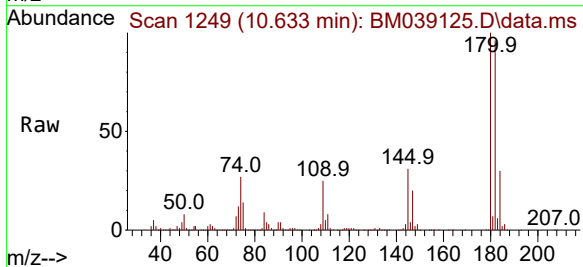
Tgt Ion:180 Resp: 719832

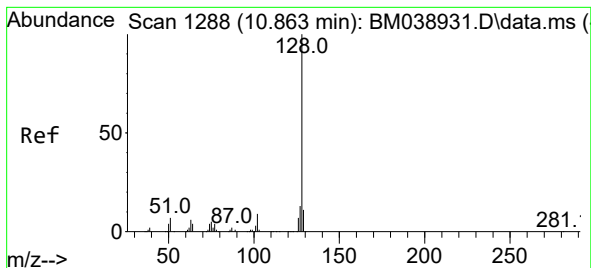
Ion Ratio Lower Upper

180 100

182 96.0 76.3 114.5

145 30.7 25.0 37.4

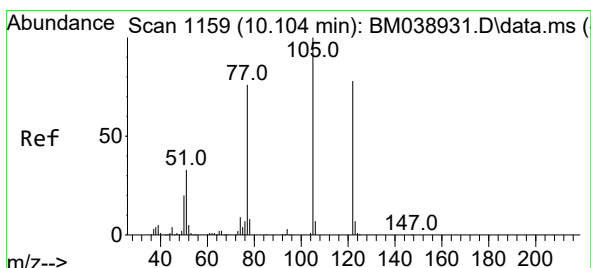
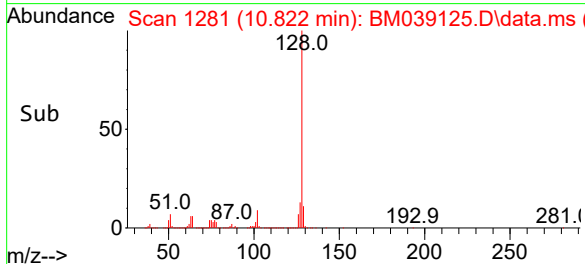
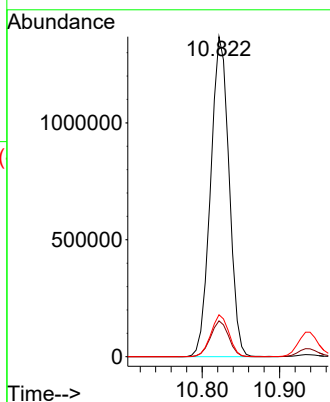
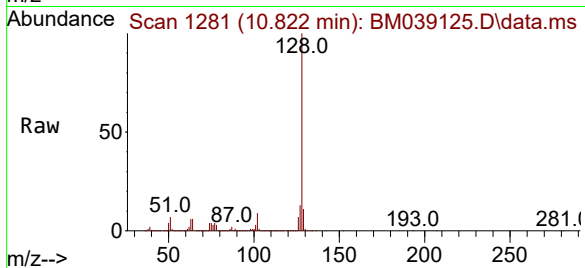




#31
Naphthalene
Concen: 45.469 ng
RT: 10.822 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

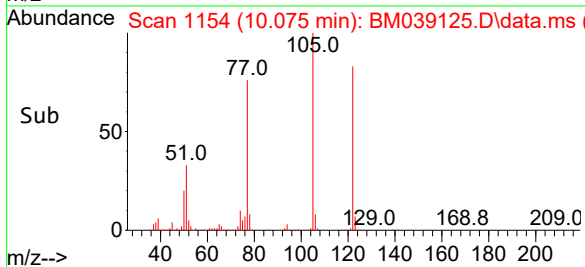
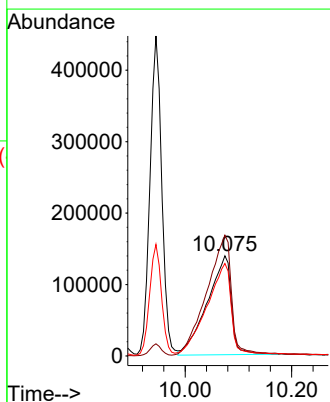
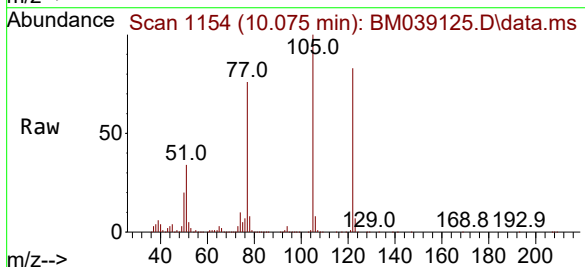
Instrument :
BNA_M
ClientSampleId :
032023-1MS

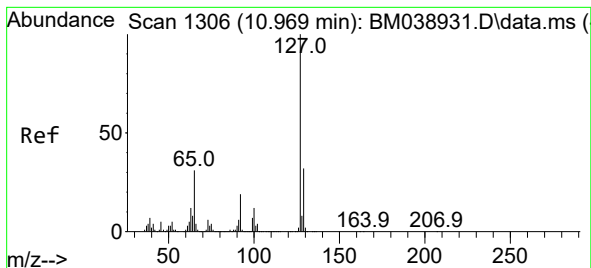
Tgt Ion:128 Resp: 2260954
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 42.411 ng
RT: 10.075 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:122 Resp: 435023
Ion Ratio Lower Upper
122 100
105 120.7 104.2 144.2
77 92.3 75.1 115.1





#33

4-Chloroaniline

Concen: 9.537 ng

RT: 10.933 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Instrument :

BNA_M

ClientSampleId :

032023-1MS

Tgt Ion:127 Resp: 202098

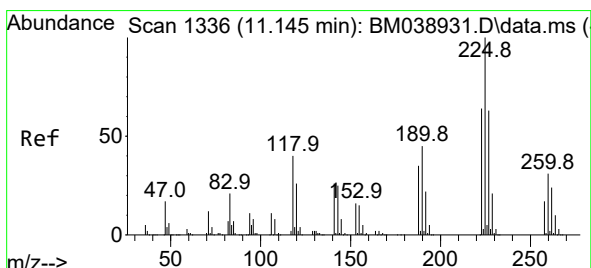
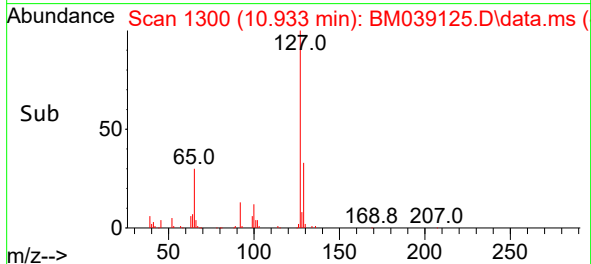
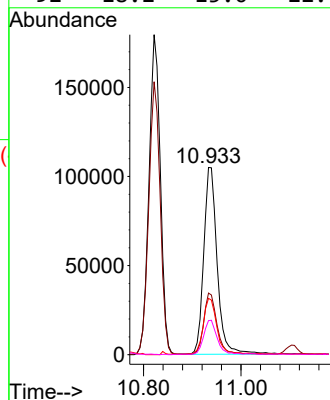
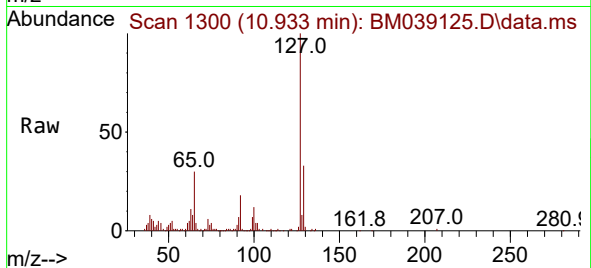
Ion Ratio Lower Upper

127 100

129 32.9 25.4 38.2

65 30.1 24.4 36.6

92 18.2 15.0 22.4



#34

Hexachlorobutadiene

Concen: 49.454 ng

RT: 11.104 min Scan# 1329

Delta R.T. -0.012 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

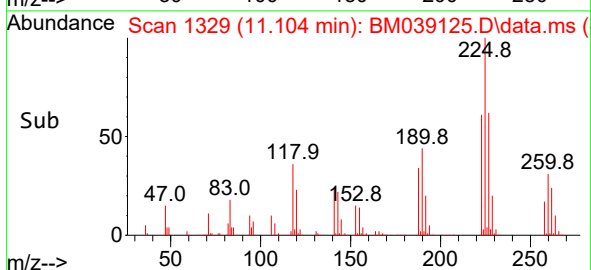
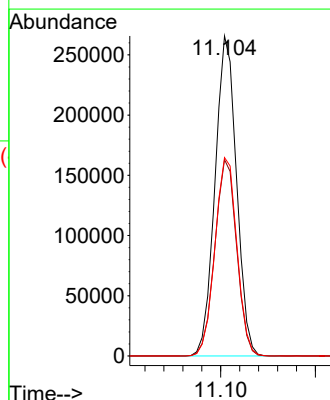
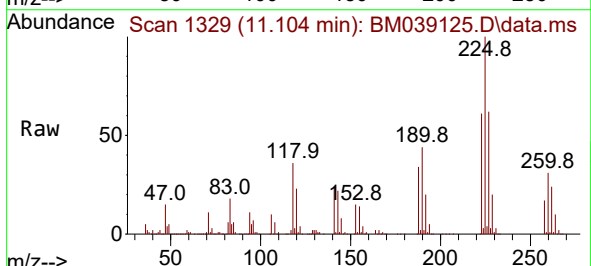
Tgt Ion:225 Resp: 418242

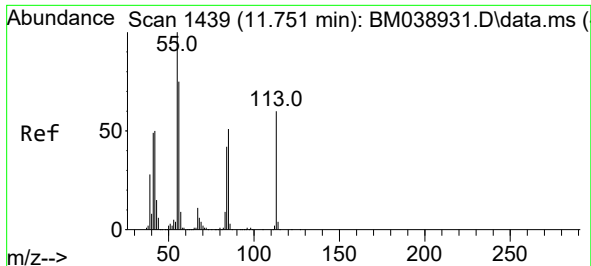
Ion Ratio Lower Upper

225 100

223 61.4 51.3 76.9

227 62.0 50.6 76.0

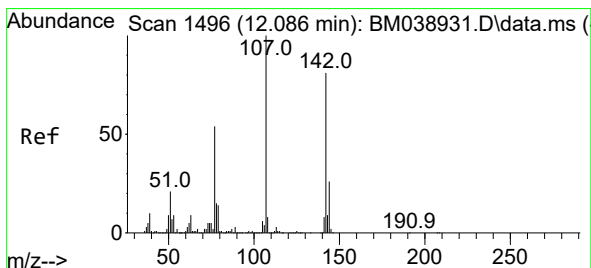
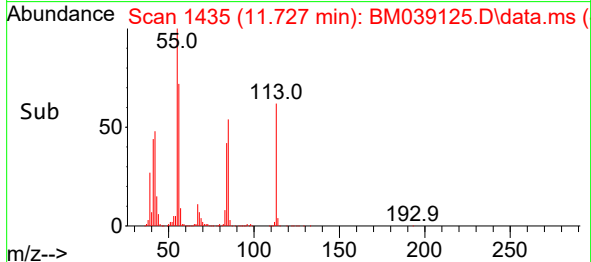
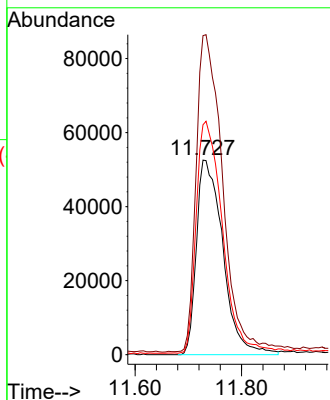
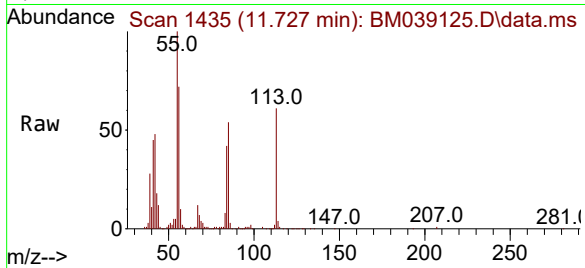




#35
 Caprolactam
 Concen: 43.964 ng
 RT: 11.727 min Scan# 1435
 Delta R.T. -0.006 min
 Lab File: BM039125.D
 Acq: 23 Mar 2023 20:42

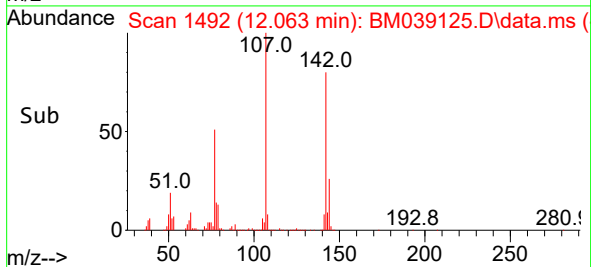
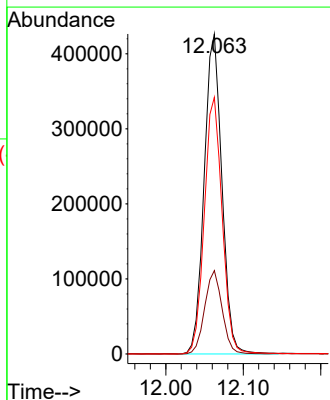
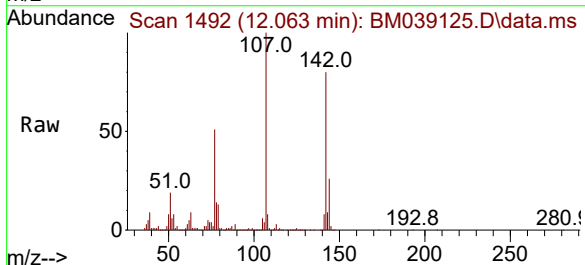
Instrument :
 BNA_M
 ClientSampleId :
 032023-1MS

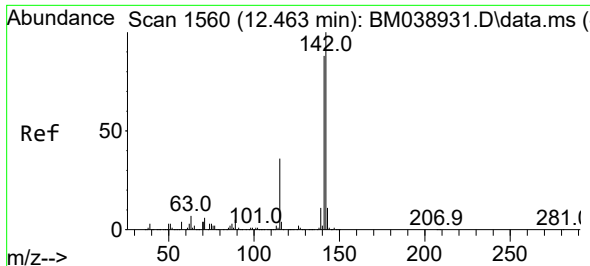
Tgt Ion:113 Resp: 180582
 Ion Ratio Lower Upper
 113 100
 55 164.0 147.0 187.0
 56 118.1 105.1 145.1



#36
 4-Chloro-3-methylphenol
 Concen: 47.112 ng
 RT: 12.063 min Scan# 1492
 Delta R.T. -0.000 min
 Lab File: BM039125.D
 Acq: 23 Mar 2023 20:42

Tgt Ion:107 Resp: 677033
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.7 31.1
 142 80.2 64.6 97.0

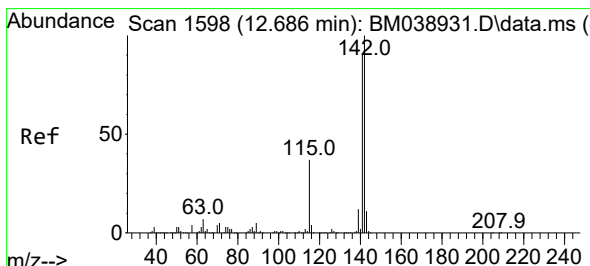
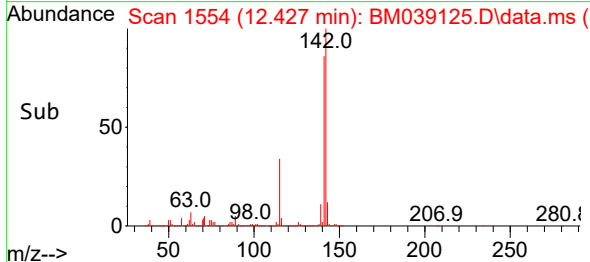
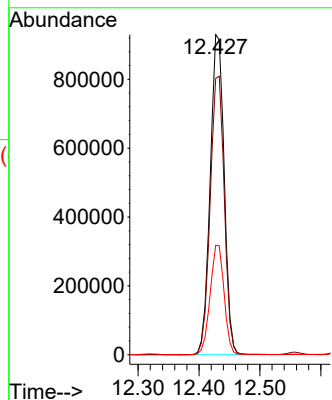
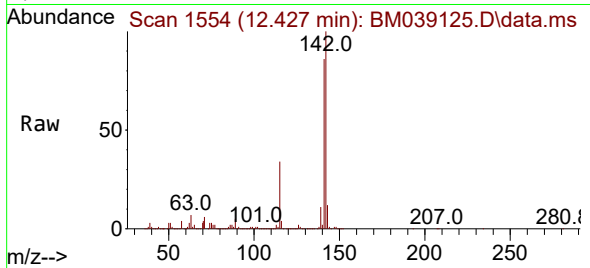




#37
2-Methylnaphthalene
Concen: 44.556 ng
RT: 12.427 min Scan# 1554
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

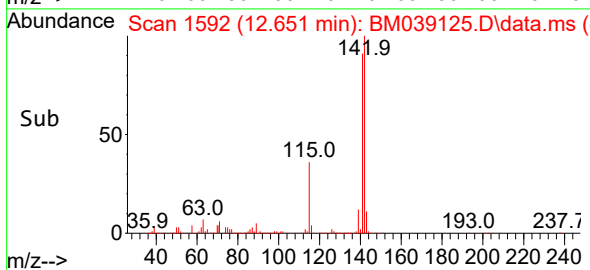
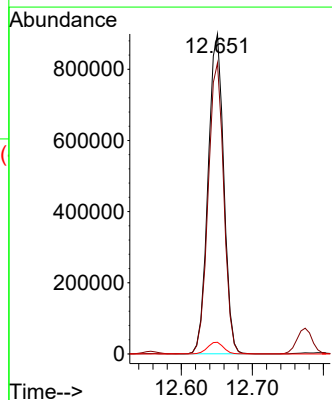
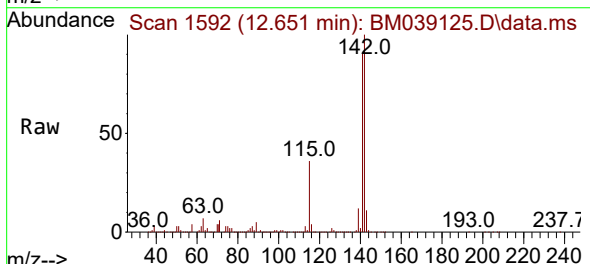
Instrument :
BNA_M
ClientSampleId :
032023-1MS

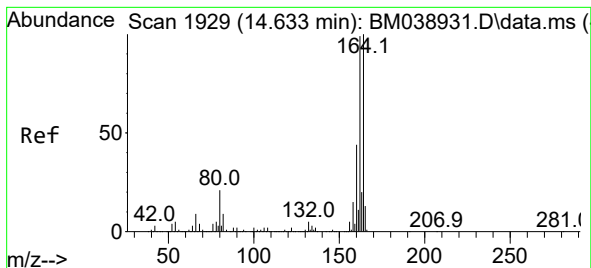
Tgt Ion:142 Resp: 1484973
Ion Ratio Lower Upper
142 100
141 86.4 70.6 106.0
115 34.2 28.5 42.7



#38
1-Methylnaphthalene
Concen: 44.134 ng
RT: 12.651 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:142 Resp: 1378434
Ion Ratio Lower Upper
142 100
141 90.9 72.8 109.2
116 3.6 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Instrument :

BNA_M

ClientSampleId :

032023-1MS

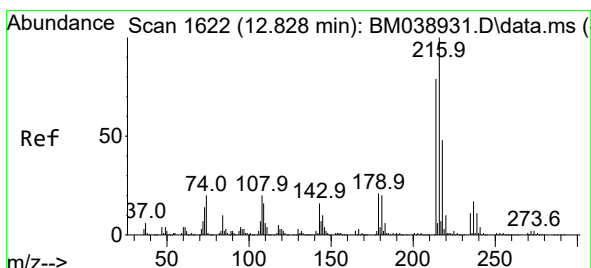
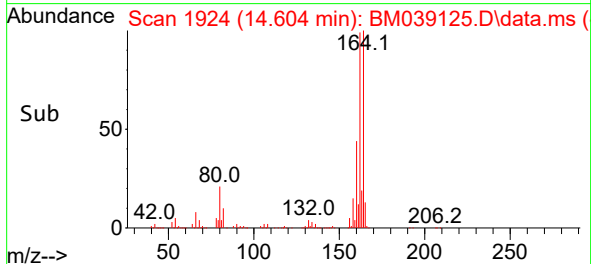
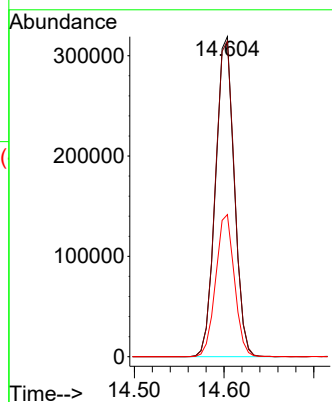
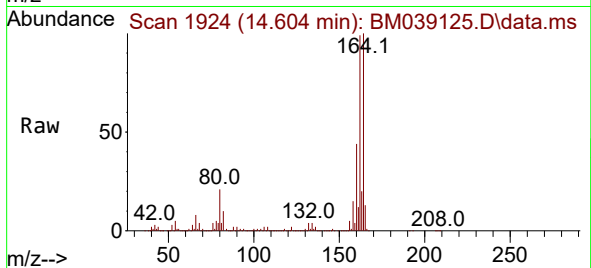
Tgt Ion:164 Resp: 461164

Ion Ratio Lower Upper

164 100

162 98.7 79.2 118.8

160 44.4 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.730 ng

RT: 12.798 min Scan# 1617

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Tgt Ion:216 Resp: 745556

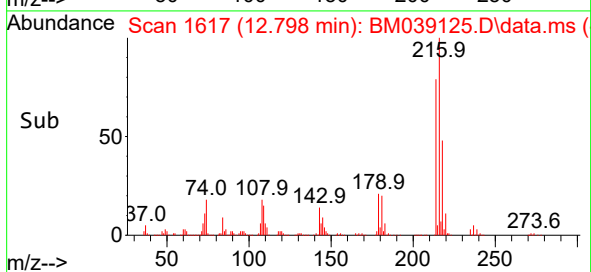
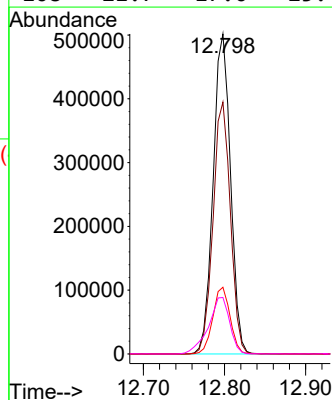
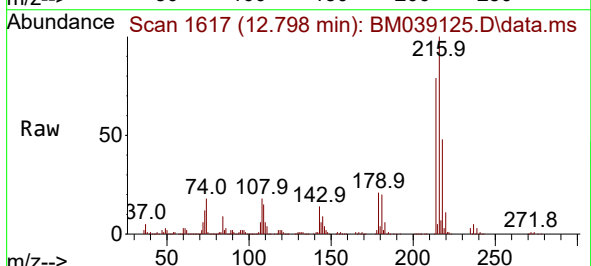
Ion Ratio Lower Upper

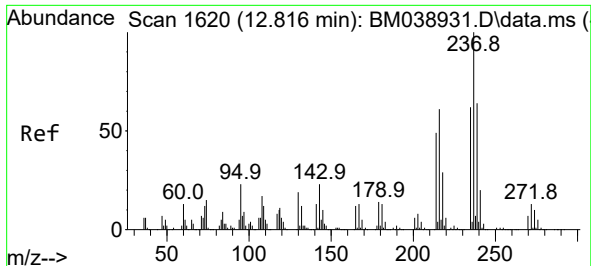
216 100

214 78.5 63.0 94.4

179 20.7 16.8 25.2

108 21.7 17.0 25.4

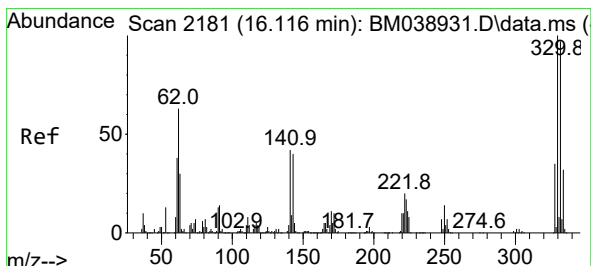
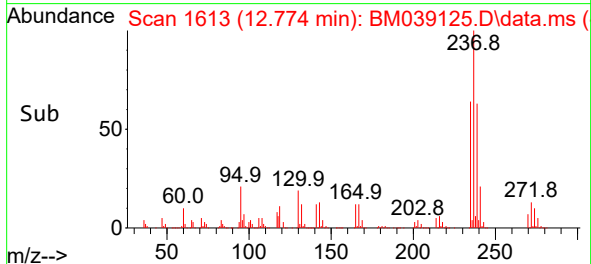
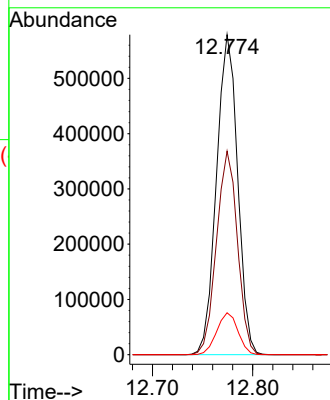
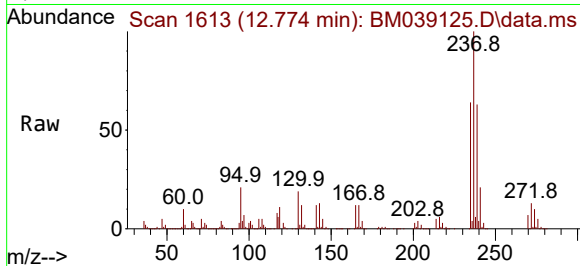




#41
Hexachlorocyclopentadiene
Concen: 102.887 ng
RT: 12.774 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

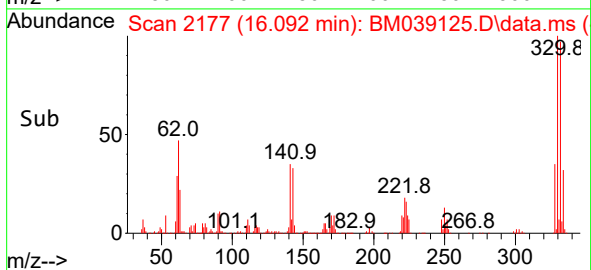
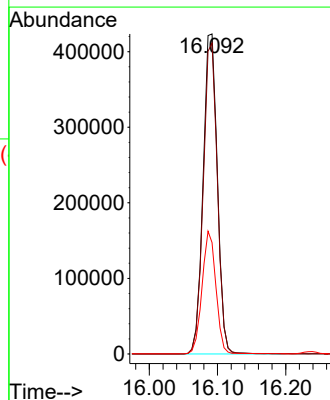
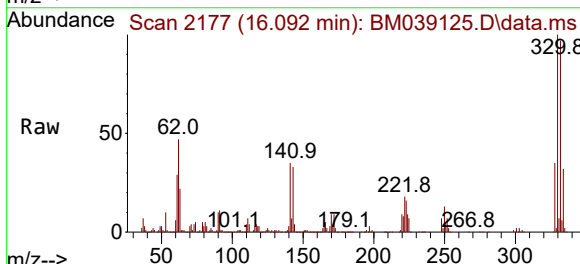
Instrument :
BNA_M
ClientSampleId :
032023-1MS

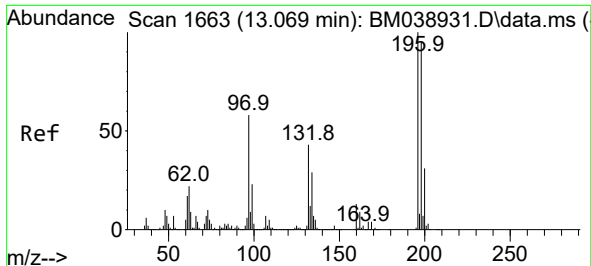
Tgt Ion:237 Resp: 846690
Ion Ratio Lower Upper
237 100
235 63.6 41.7 81.7
272 13.1 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 115.370 ng
RT: 16.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:330 Resp: 615489
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 37.0 32.2 48.4

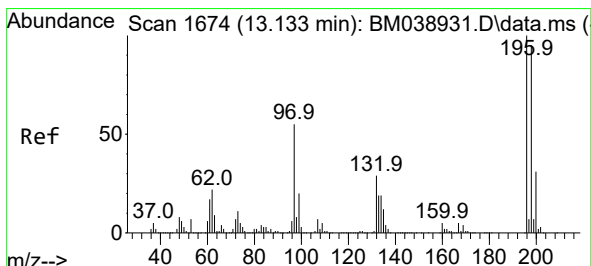
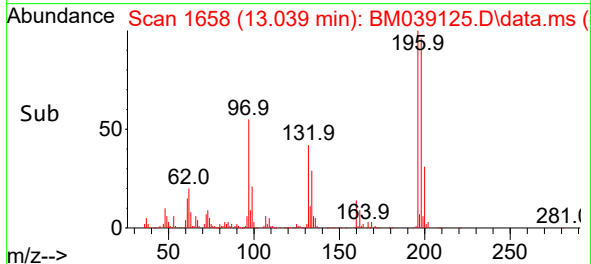
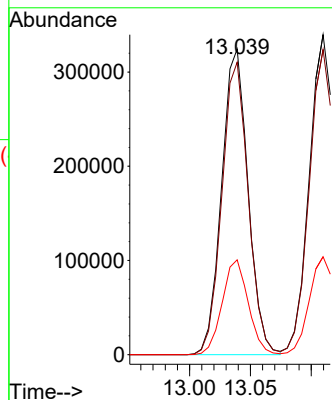
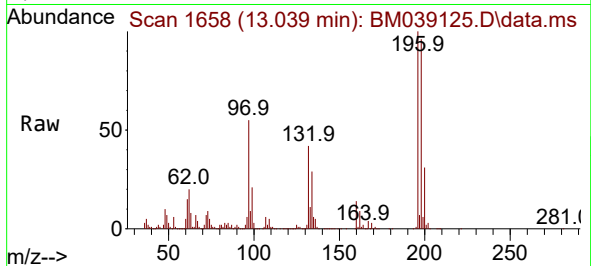




#43
2,4,6-Trichlorophenol
Concen: 50.524 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

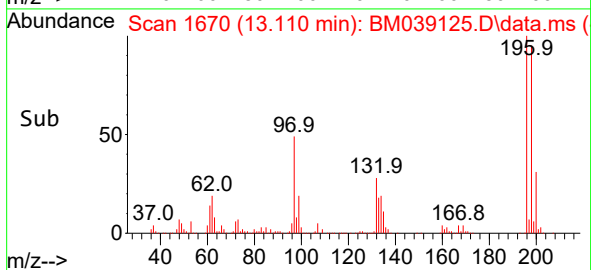
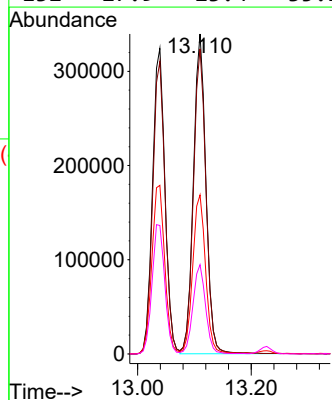
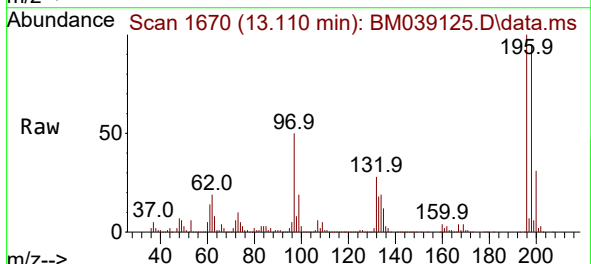
Instrument :
BNA_M
ClientSampleId :
032023-1MS

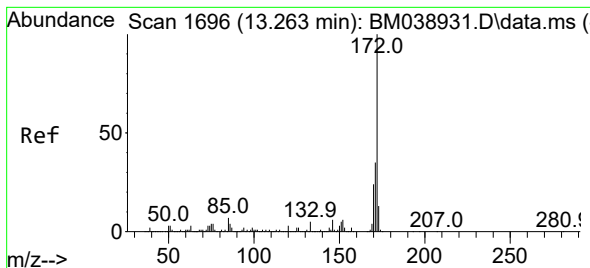
Tgt Ion:196 Resp: 490503
Ion Ratio Lower Upper
196 100
198 95.7 75.8 113.8
200 31.0 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 45.841 ng
RT: 13.110 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:196 Resp: 520917
Ion Ratio Lower Upper
196 100
198 95.3 76.3 114.5
97 49.7 44.2 66.4
132 27.9 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 68.791 ng

RT: 13.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Instrument :

BNA_M

ClientSampleId :

032023-1MS

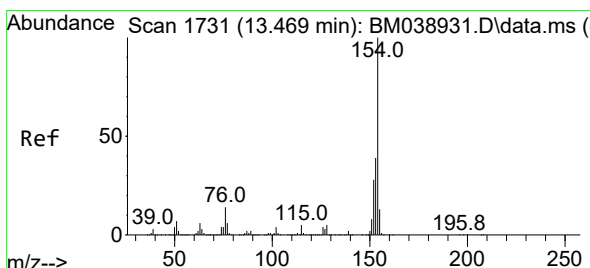
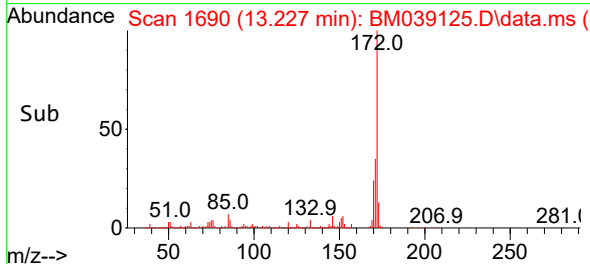
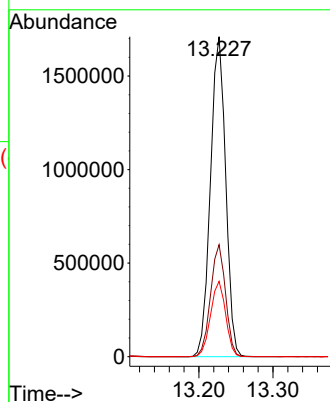
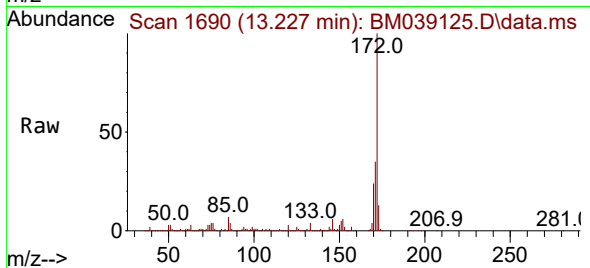
Tgt Ion:172 Resp: 2436934

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 48.170 ng

RT: 13.439 min Scan# 1726

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

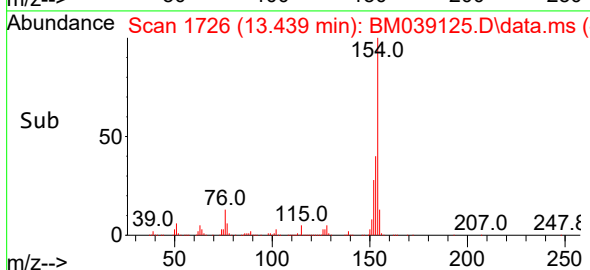
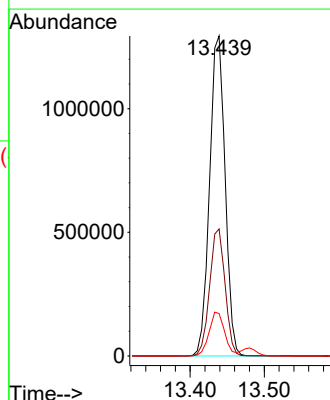
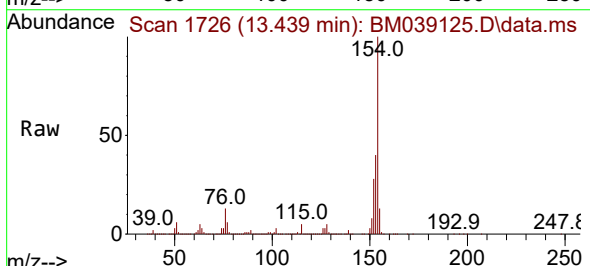
Tgt Ion:154 Resp: 1881955

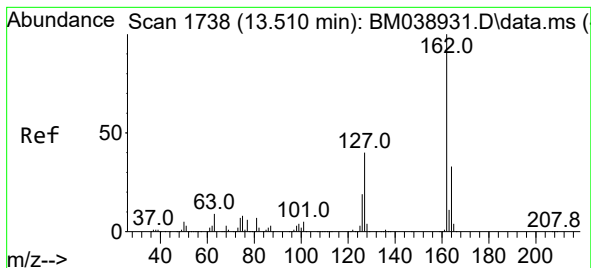
Ion Ratio Lower Upper

154 100

153 39.7 19.3 59.3

76 13.3 0.0 34.0





#47

2-Chloronaphthalene

Concen: 48.126 ng

RT: 13.480 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Instrument :

BNA_M

ClientSampleId :

032023-1MS

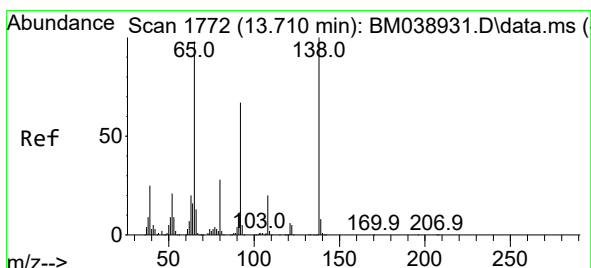
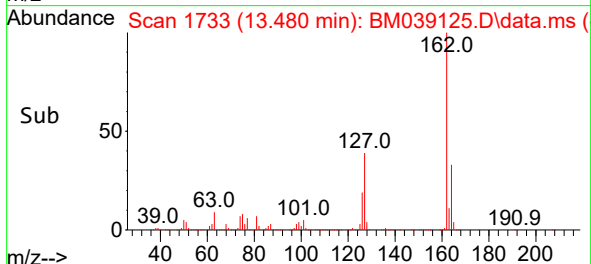
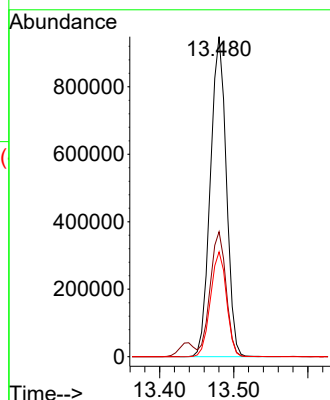
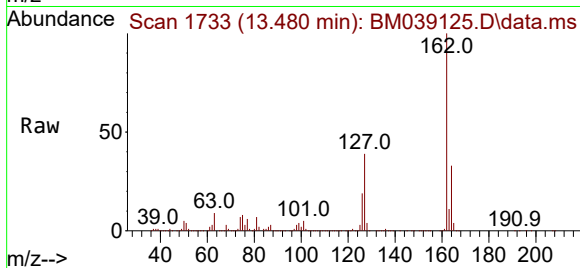
Tgt Ion:162 Resp: 1417825

Ion Ratio Lower Upper

162 100

127 39.0 32.1 48.1

164 32.8 26.2 39.4



#48

2-Nitroaniline

Concen: 45.025 ng

RT: 13.686 min Scan# 1768

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

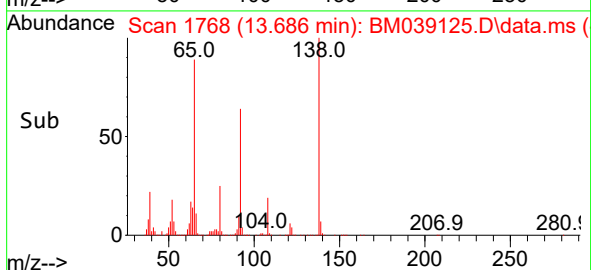
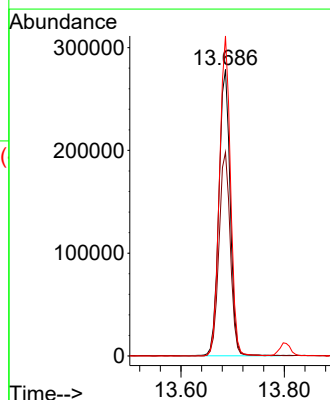
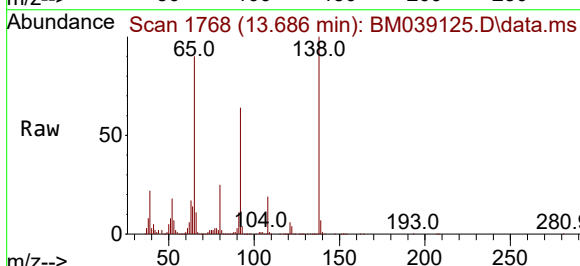
Tgt Ion: 65 Resp: 423332

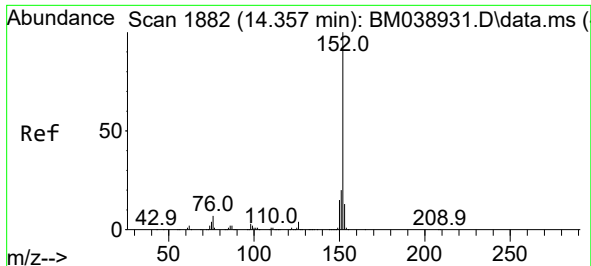
Ion Ratio Lower Upper

65 100

92 71.1 54.9 82.3

138 111.7 81.6 122.4

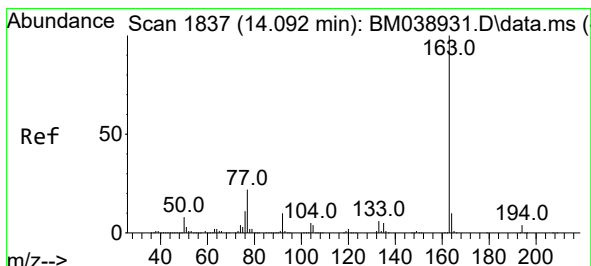
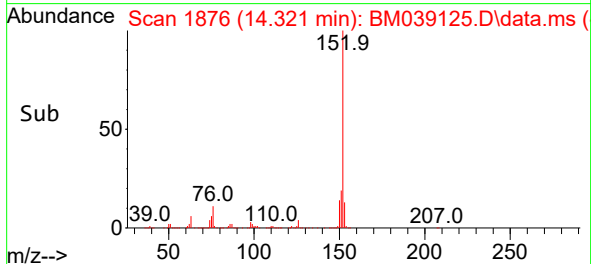
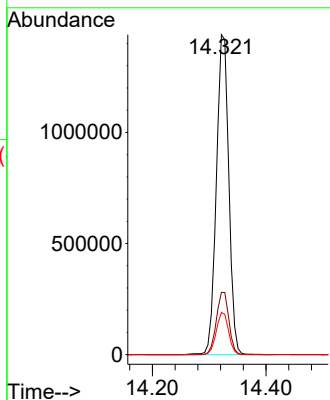
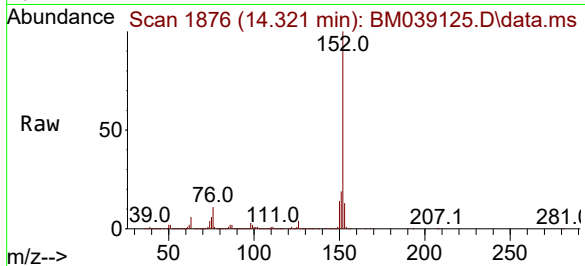




#49
Acenaphthylene
Concen: 46.512 ng
RT: 14.321 min Scan# 1876
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

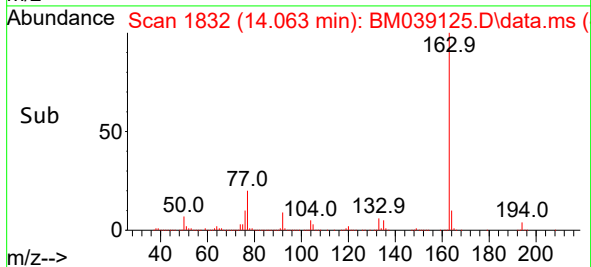
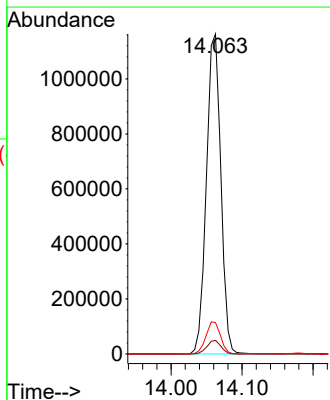
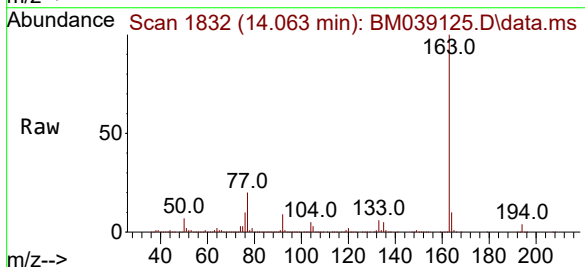
Instrument :
BNA_M
ClientSampleId :
032023-1MS

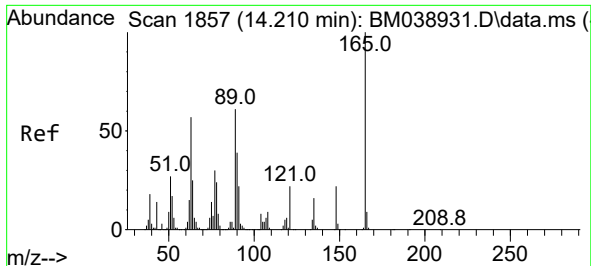
Tgt Ion:152 Resp: 2182650
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 46.316 ng
RT: 14.063 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:163 Resp: 1643563
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.8 8.1 12.1

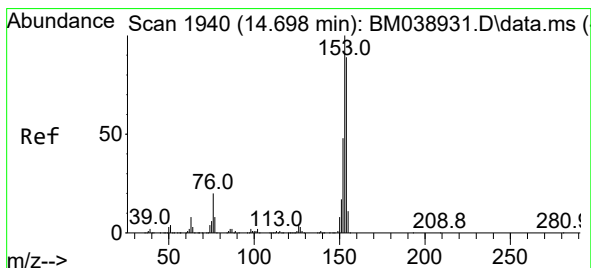
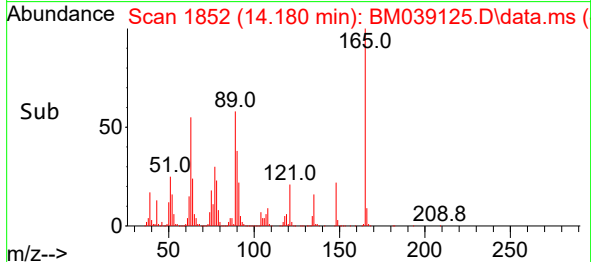
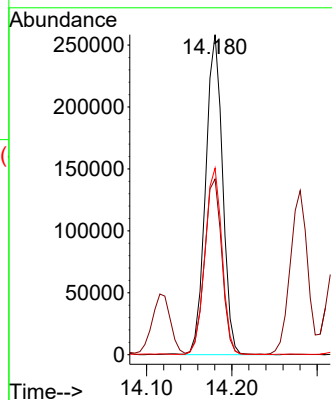
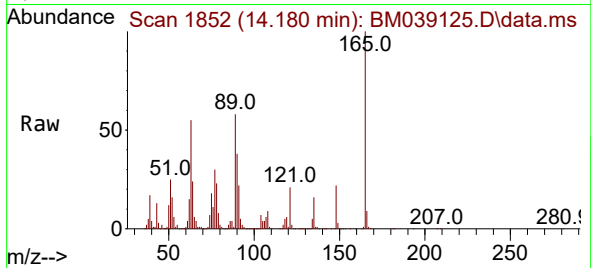




#51
2,6-Dinitrotoluene
Concen: 45.568 ng
RT: 14.180 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

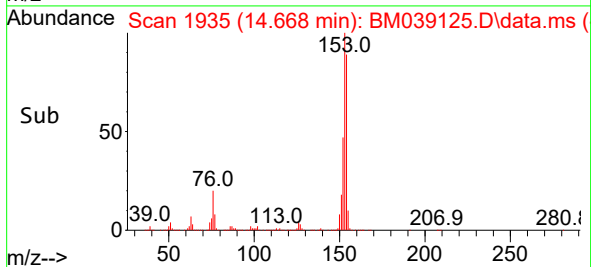
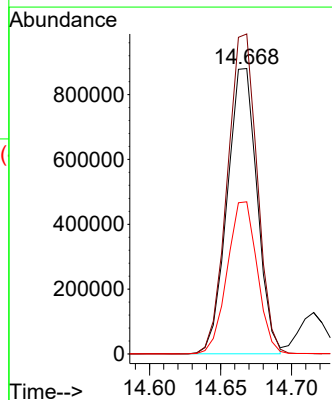
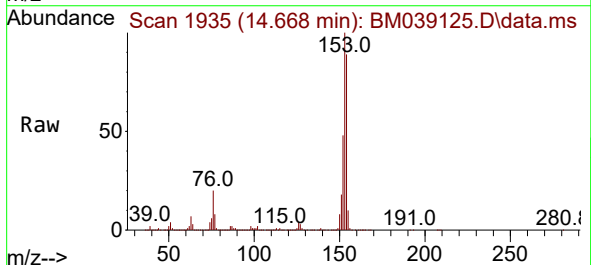
Instrument :
BNA_M
ClientSampleId :
032023-1MS

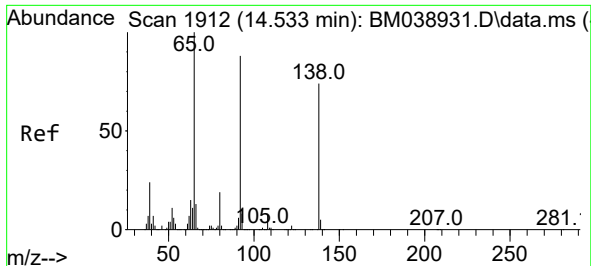
Tgt Ion:165 Resp: 357056
Ion Ratio Lower Upper
165 100
63 54.9 46.6 70.0
89 58.3 48.6 73.0



#52
Acenaphthene
Concen: 44.818 ng
RT: 14.668 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:154 Resp: 1292528
Ion Ratio Lower Upper
154 100
153 112.1 90.2 135.2
152 53.3 43.4 65.2

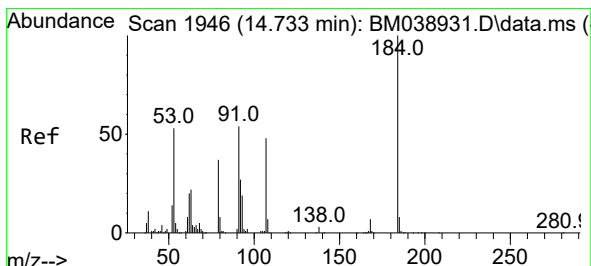
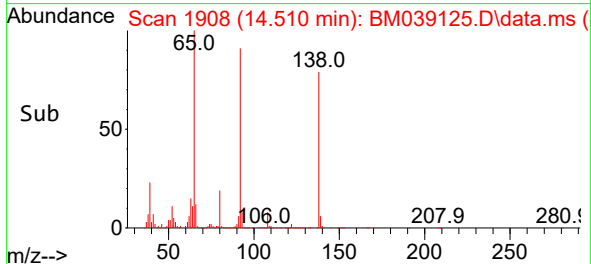
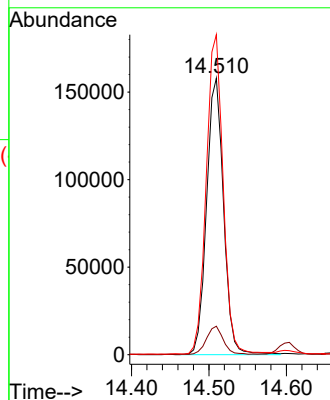
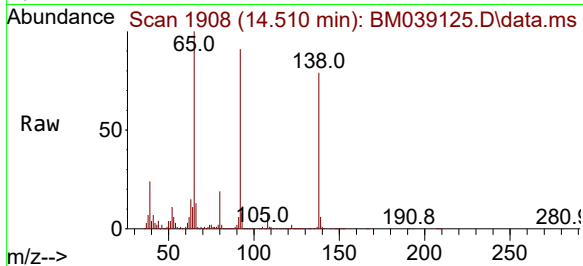




#53
3-Nitroaniline
Concen: 26.906 ng
RT: 14.510 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

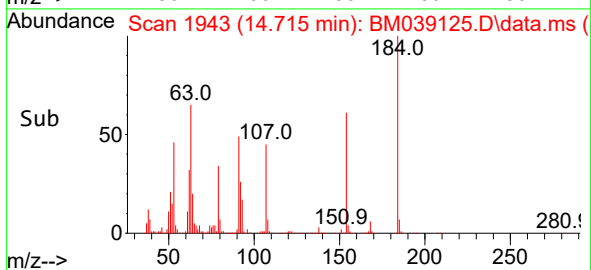
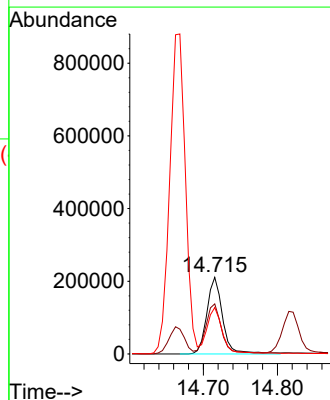
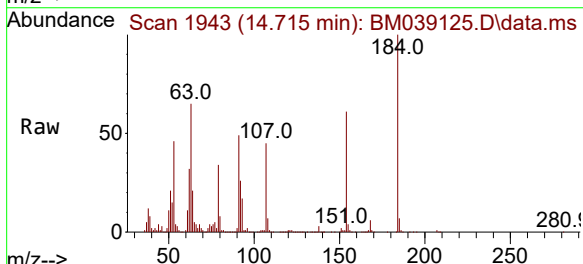
Instrument :
BNA_M
ClientSampleId :
032023-1MS

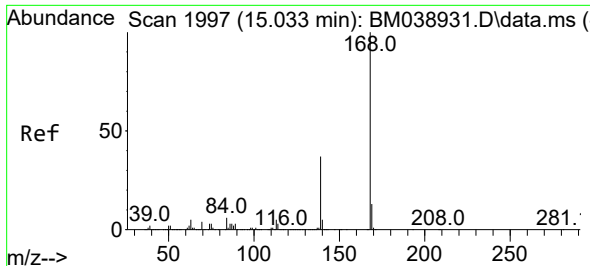
Tgt Ion:138 Resp: 240215
Ion Ratio Lower Upper
138 100
108 10.3 8.3 12.5
92 115.7 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 69.828 ng
RT: 14.715 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:184 Resp: 311795
Ion Ratio Lower Upper
184 100
63 65.4 60.6 90.8
154 60.6 51.4 77.2

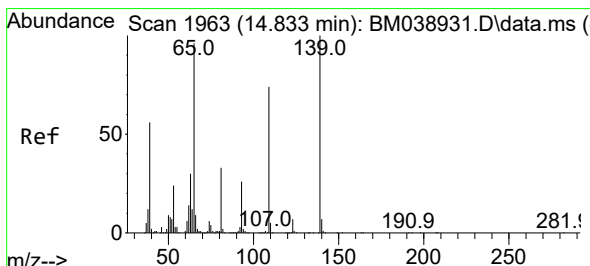
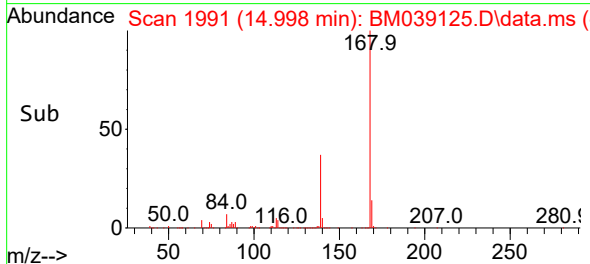
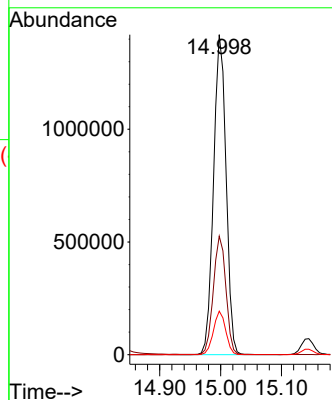
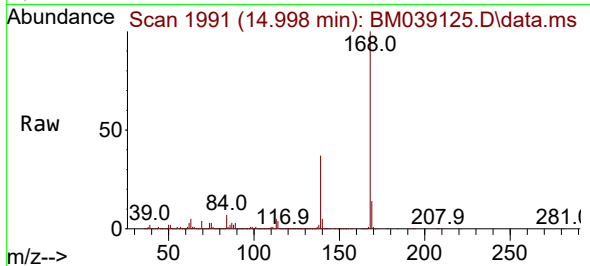




#55
Dibenzenofuran
Concen: 44.883 ng
RT: 14.998 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

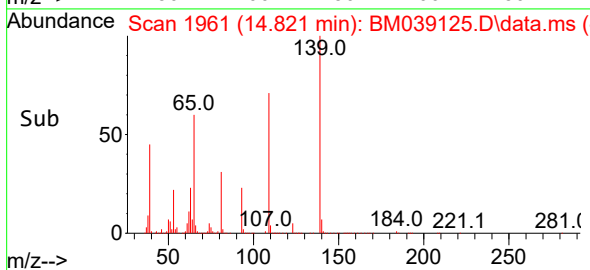
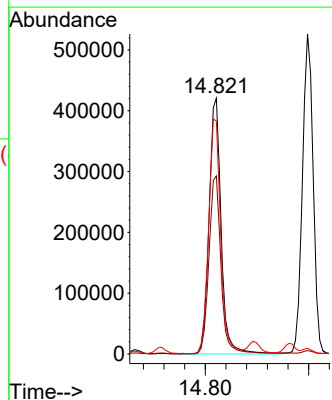
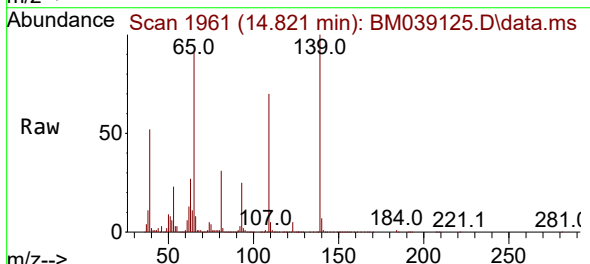
Instrument :
BNA_M
ClientSampleId :
032023-1MS

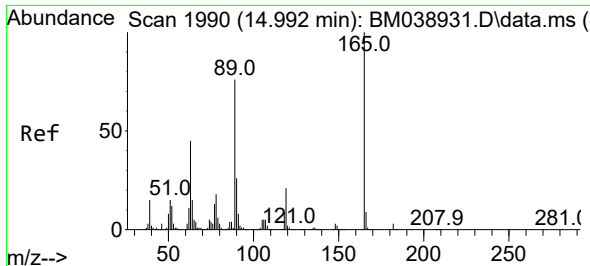
Tgt Ion:168 Resp: 2025529
Ion Ratio Lower Upper
168 100
139 37.1 29.9 44.9
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 96.657 ng
RT: 14.821 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:139 Resp: 681211
Ion Ratio Lower Upper
139 100
109 69.6 53.5 93.5
65 91.1 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 46.518 ng

RT: 14.963 min Scan# 1990

Delta R.T. -0.006 min

Lab File: BM039125.D

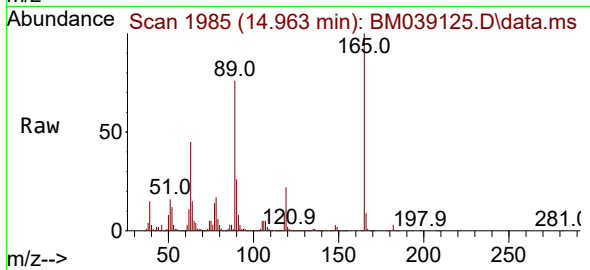
Acq: 23 Mar 2023 20:42

Instrument :

BNA_M

ClientSampleId :

032023-1MS



Tgt Ion:165 Resp: 479749

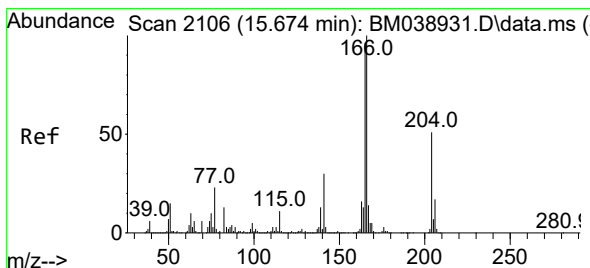
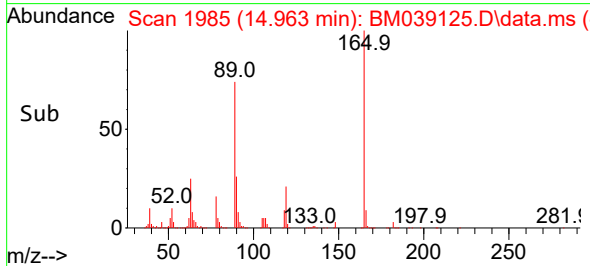
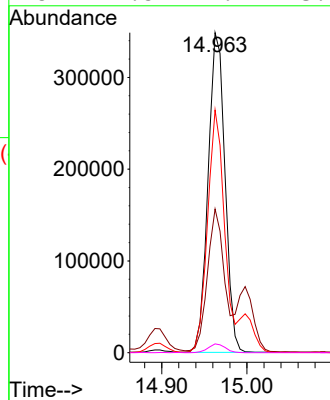
Ion Ratio Lower Upper

165 100

63 44.9 35.9 53.9

89 75.8 61.0 91.6

182 2.8 2.1 3.1



#58

Fluorene

Concen: 44.706 ng

RT: 15.645 min Scan# 2101

Delta R.T. -0.012 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

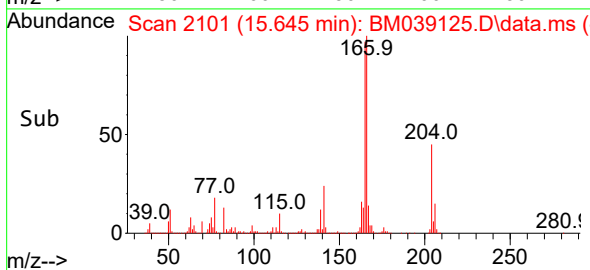
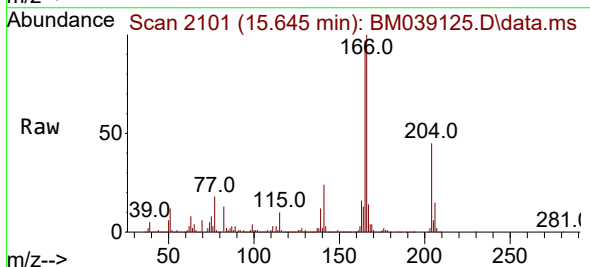
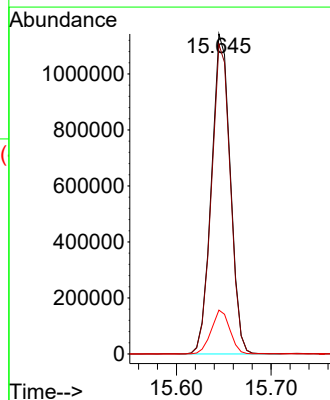
Tgt Ion:166 Resp: 1580406

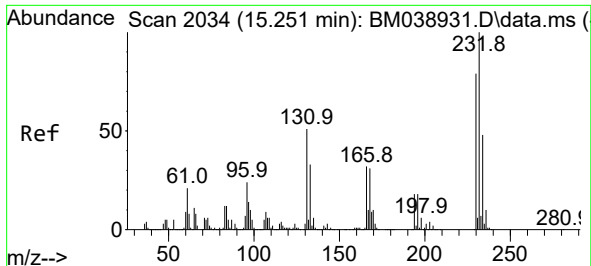
Ion Ratio Lower Upper

166 100

165 96.7 77.1 115.7

167 13.7 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.350 ng

RT: 15.227 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Instrument :

BNA_M

ClientSampleId :

032023-1MS

Tgt Ion:232 Resp: 423729

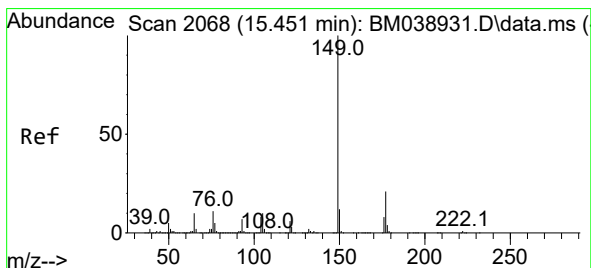
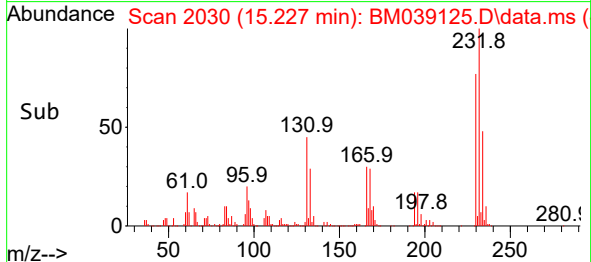
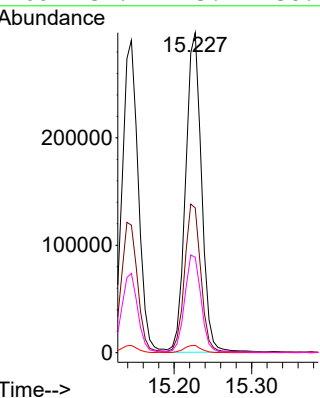
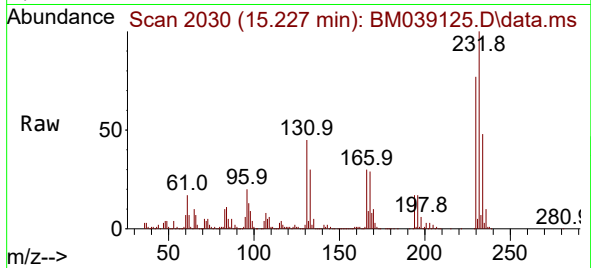
Ion Ratio Lower Upper

232 100

131 47.3 40.0 60.0

130 2.5 2.0 3.0

166 31.4 25.4 38.0



#60

Diethylphthalate

Concen: 47.295 ng

RT: 15.421 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

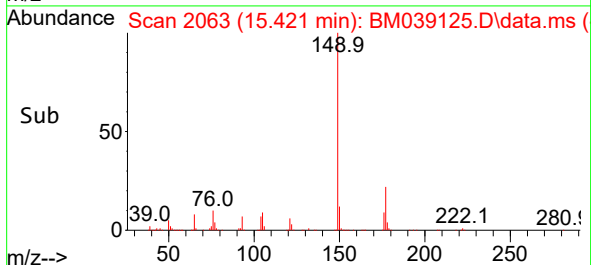
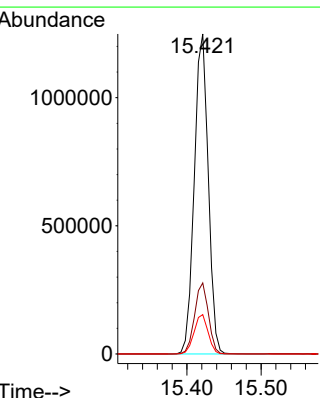
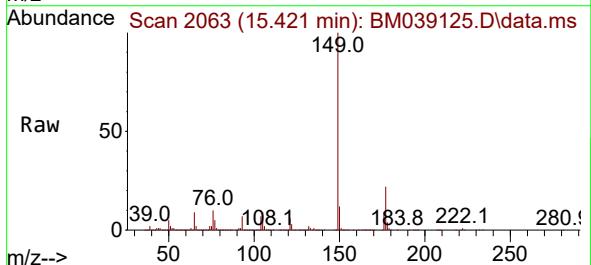
Tgt Ion:149 Resp: 1633013

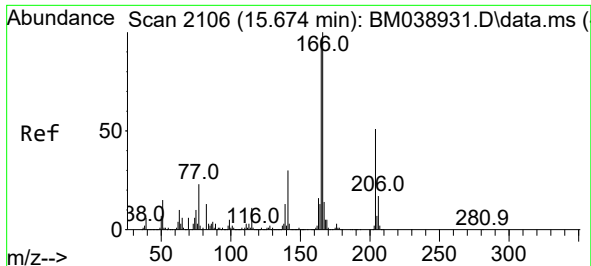
Ion Ratio Lower Upper

149 100

177 22.2 17.1 25.7

150 12.3 9.7 14.5

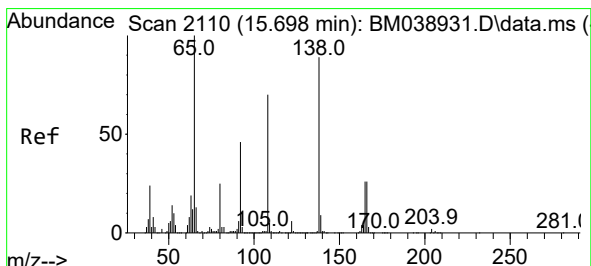
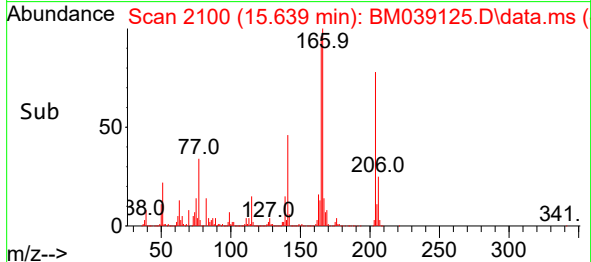
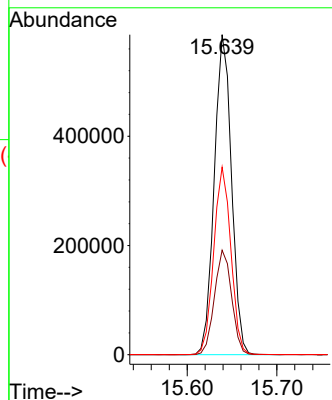
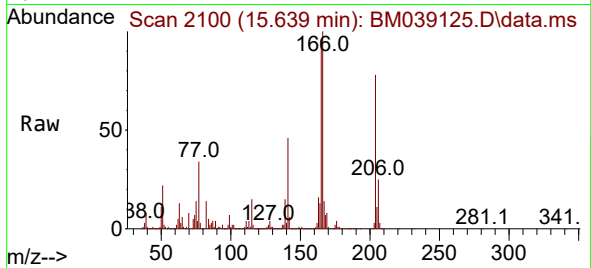




#61
4-Chlorophenyl-phenylether
Concen: 45.052 ng
RT: 15.639 min Scan# 2105
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

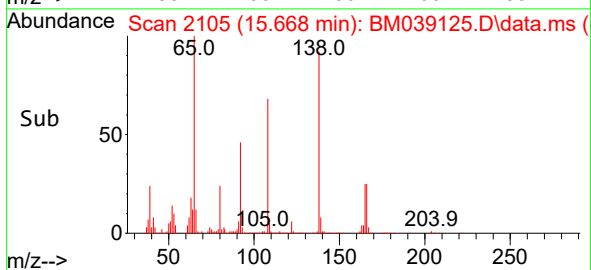
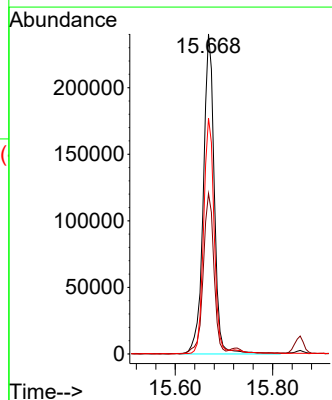
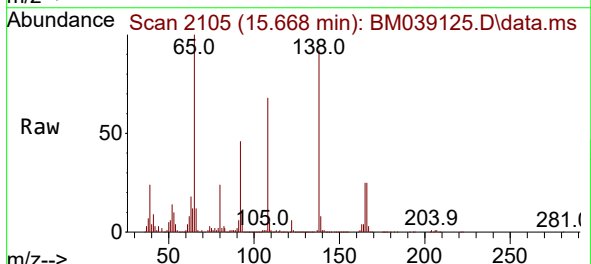
Instrument :
BNA_M
ClientSampleId :
032023-1MS

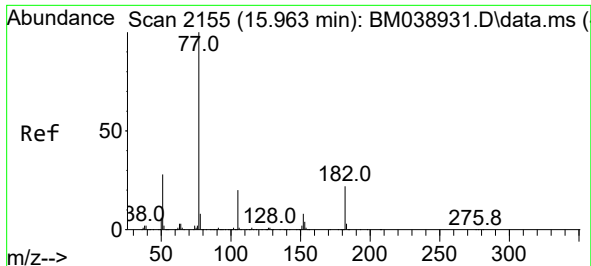
Tgt Ion:204 Resp: 782419
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 58.6 46.4 69.6



#62
4-Nitroaniline
Concen: 40.505 ng
RT: 15.668 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:138 Resp: 375593
Ion Ratio Lower Upper
138 100
92 50.2 31.6 71.6
108 73.7 58.6 98.6

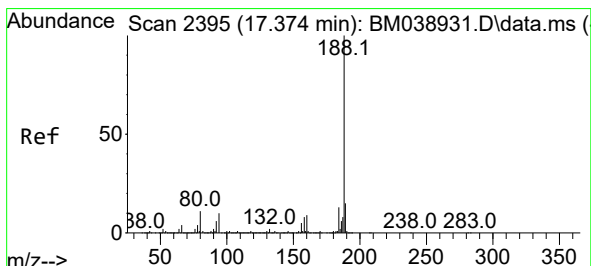
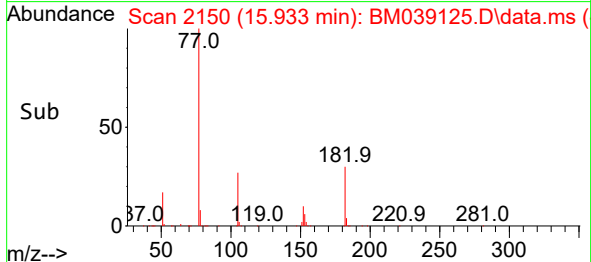
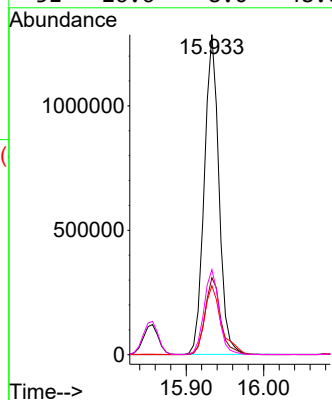
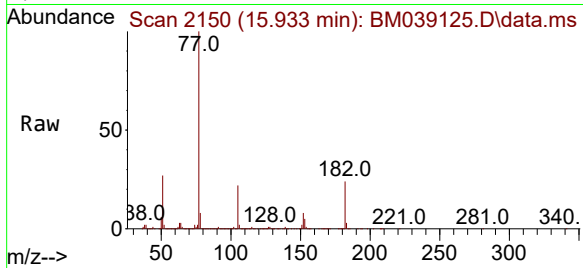




#63
Azobenzene
Concen: 46.069 ng
RT: 15.933 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

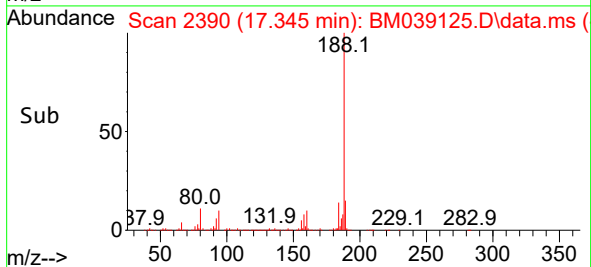
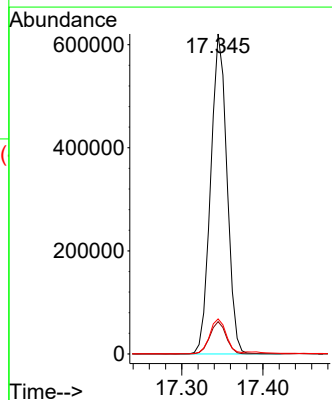
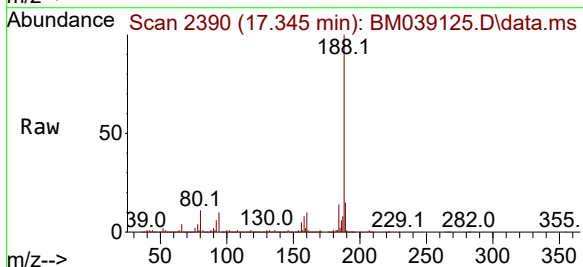
Instrument :
BNA_M
ClientSampleId :
032023-1MS

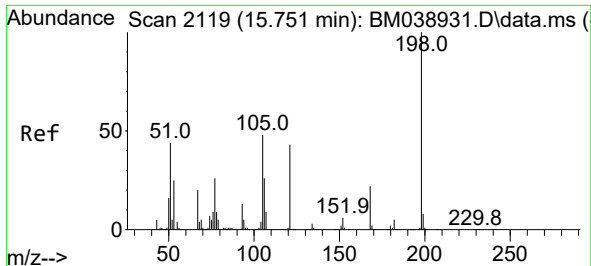
Tgt Ion: 77 Resp: 1683124
Ion Ratio Lower Upper
77 100
182 24.0 2.0 42.0
105 21.6 0.4 40.4
51 26.6 8.0 48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion: 188 Resp: 863088
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 10.9 8.5 12.7

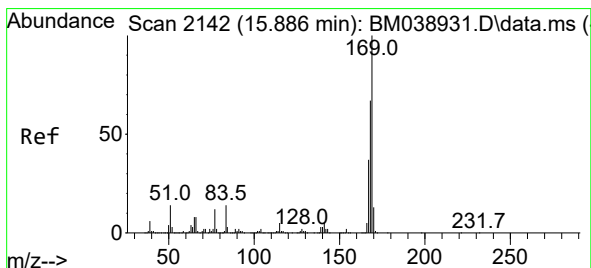
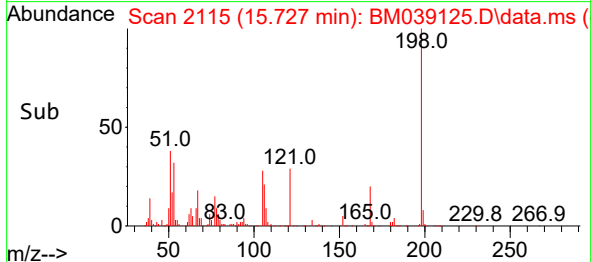
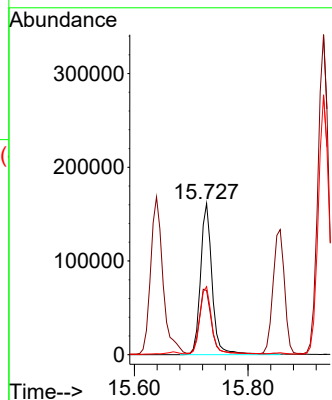
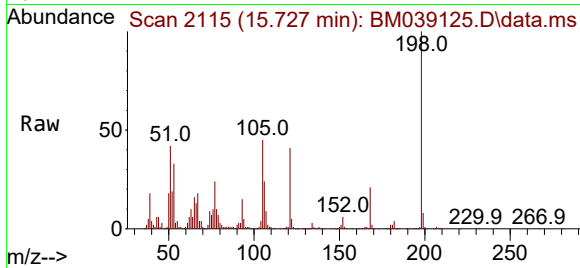




#65
4,6-Dinitro-2-methylphenol
Concen: 41.160 ng
RT: 15.727 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

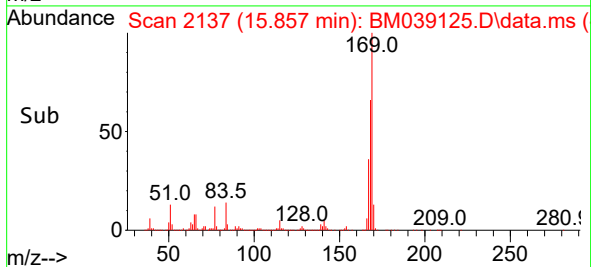
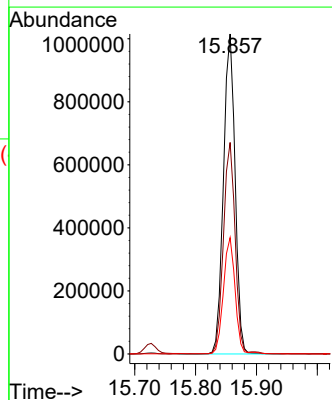
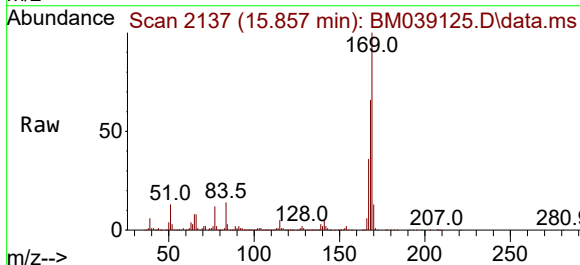
Instrument :
BNA_M
ClientSampleId :
032023-1MS

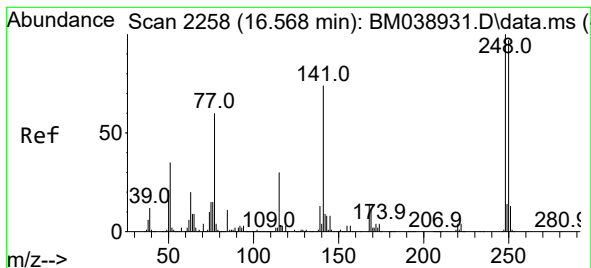
Tgt Ion:198 Resp: 228861
Ion Ratio Lower Upper
198 100
51 42.5 30.1 70.1
105 45.0 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 46.410 ng
RT: 15.857 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:169 Resp: 1350363
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.0
167 36.4 29.4 44.0

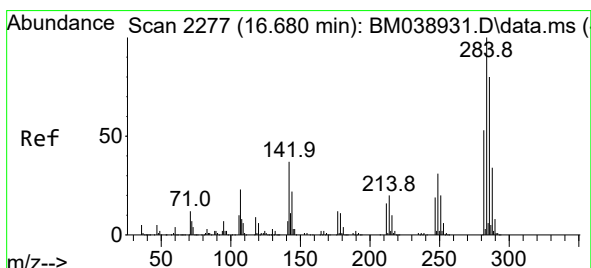
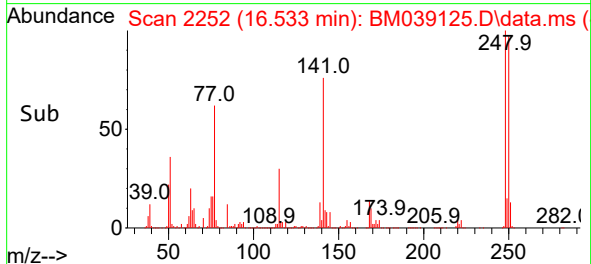
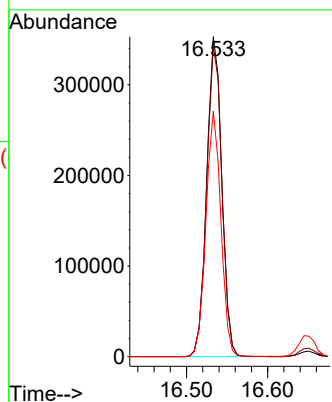
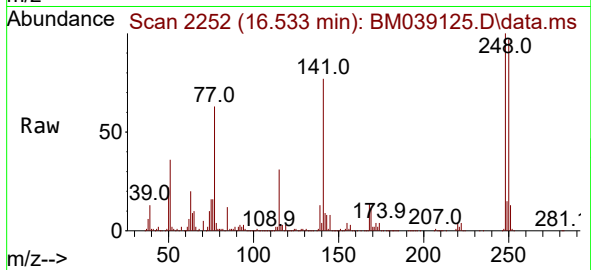




#67
4-Bromophenyl-phenylether
Concen: 48.864 ng
RT: 16.533 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

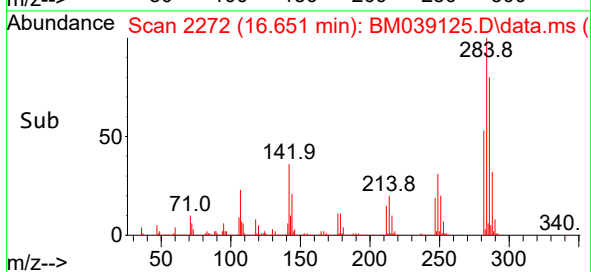
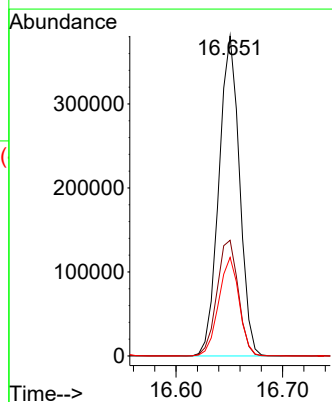
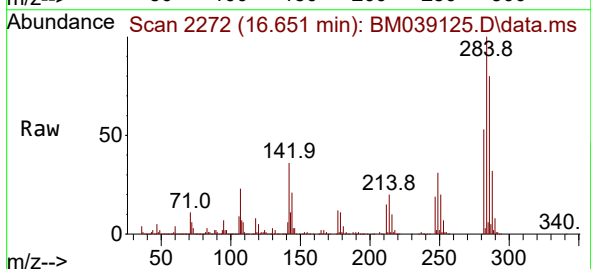
Instrument :
BNA_M
ClientSampleId :
032023-1MS

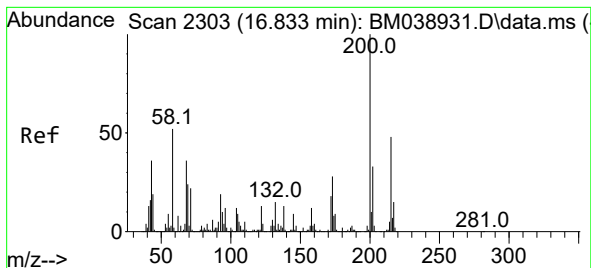
Tgt Ion:248 Resp: 455530
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.8
141 76.7 59.0 88.4



#68
Hexachlorobenzene
Concen: 49.060 ng
RT: 16.651 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:284 Resp: 511274
Ion Ratio Lower Upper
284 100
142 36.1 29.5 44.3
249 30.8 25.0 37.4





#69

Atrazine

Concen: 55.041 ng

RT: 16.809 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Instrument :

BNA_M

ClientSampleId :

032023-1MS

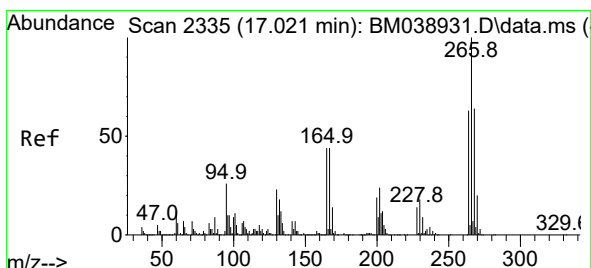
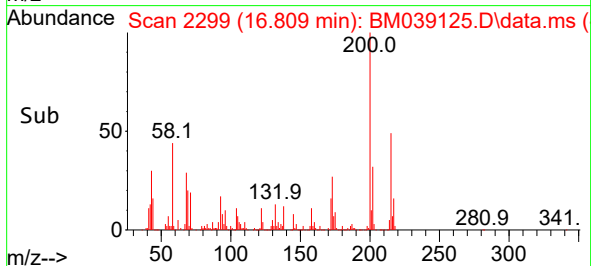
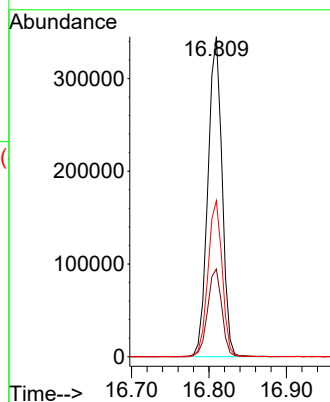
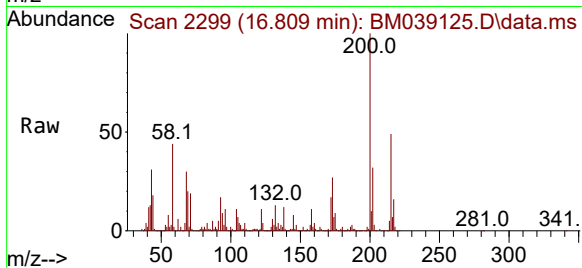
Tgt Ion:200 Resp: 437444

Ion Ratio Lower Upper

200 100

173 27.4 8.2 48.2

215 48.7 27.8 67.8



#70

Pentachlorophenol

Concen: 87.933 ng

RT: 16.998 min Scan# 2331

Delta R.T. -0.000 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

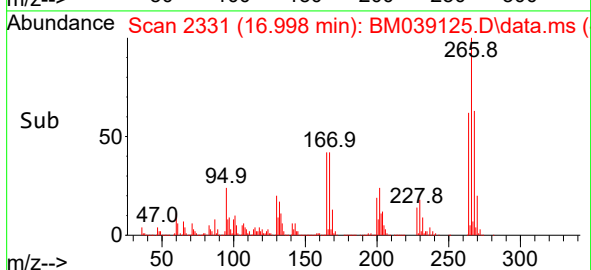
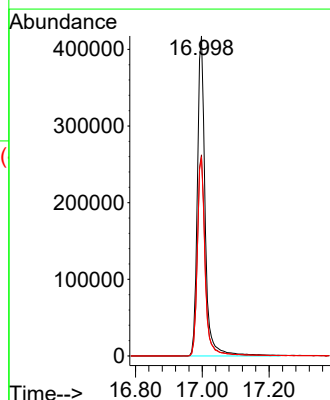
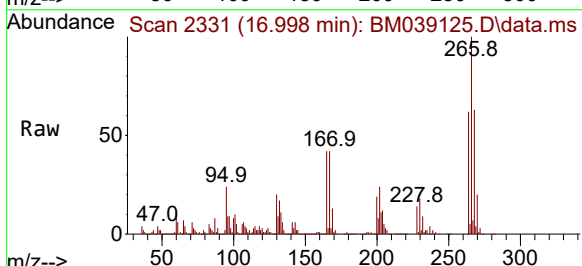
Tgt Ion:266 Resp: 674003

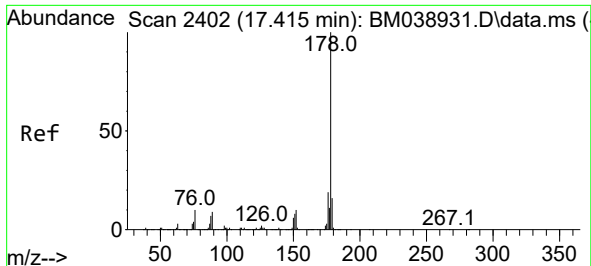
Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.4

264 62.2 50.3 75.5

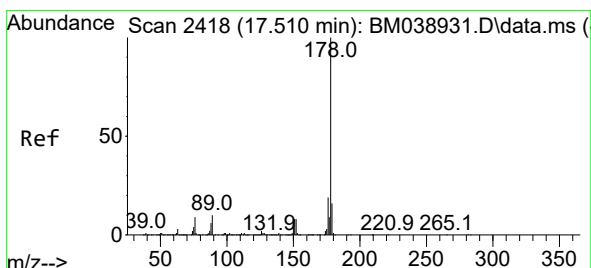
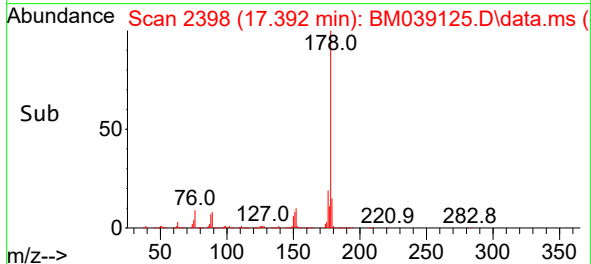
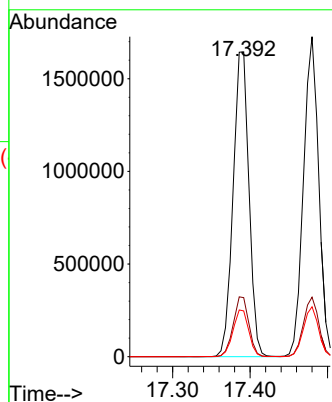
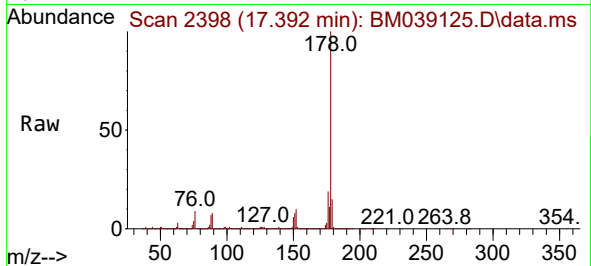




#71
Phenanthrene
Concen: 46.280 ng
RT: 17.392 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

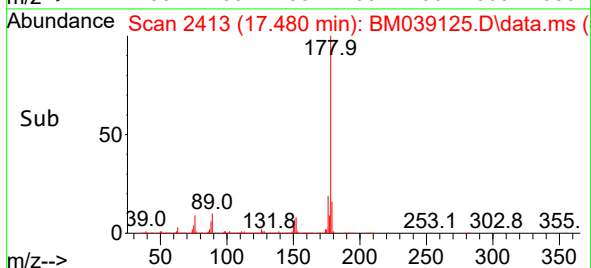
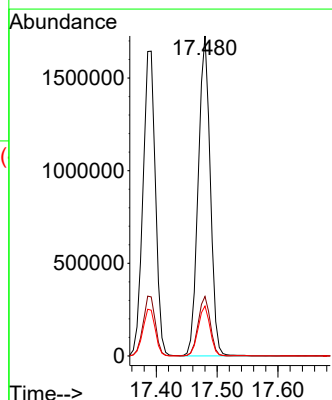
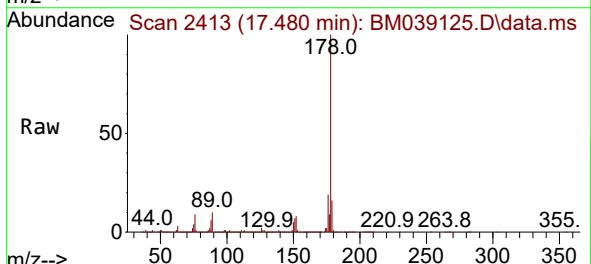
Instrument :
BNA_M
ClientSampleId :
032023-1MS

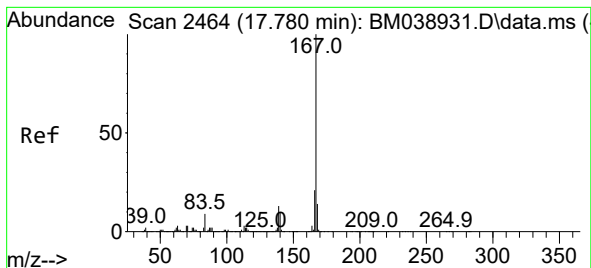
Tgt Ion:178 Resp: 2344342
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.0 12.5 18.7



#72
Anthracene
Concen: 46.962 ng
RT: 17.480 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:178 Resp: 2372340
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.6 12.5 18.7





#73

Carbazole

Concen: 47.259 ng

RT: 17.751 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Instrument :

BNA_M

ClientSampleId :

032023-1MS

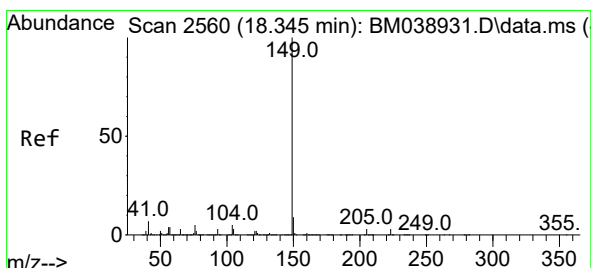
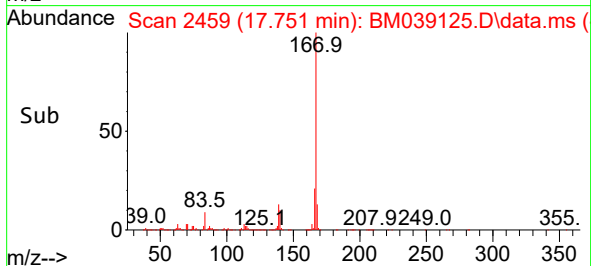
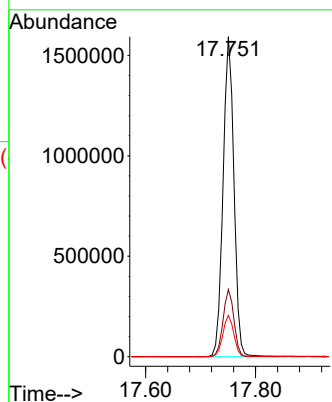
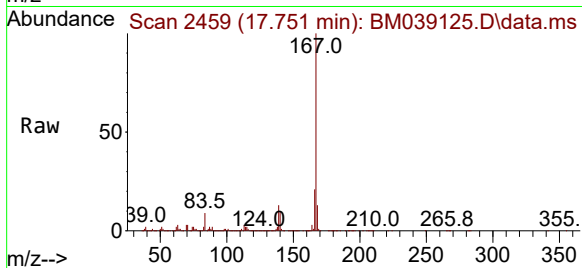
Tgt Ion:167 Resp: 2178812

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.4

139 12.9 10.3 15.5



#74

Di-n-butylphthalate

Concen: 48.964 ng

RT: 18.309 min Scan# 2554

Delta R.T. -0.012 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

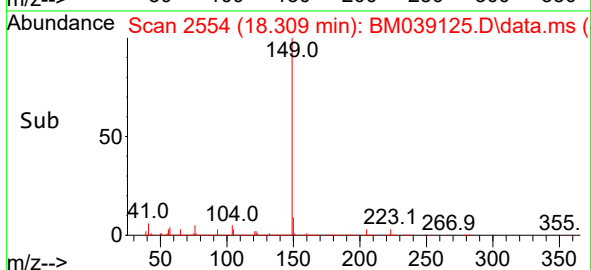
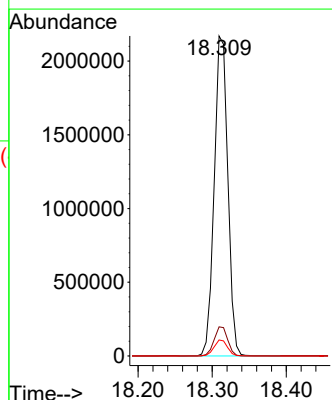
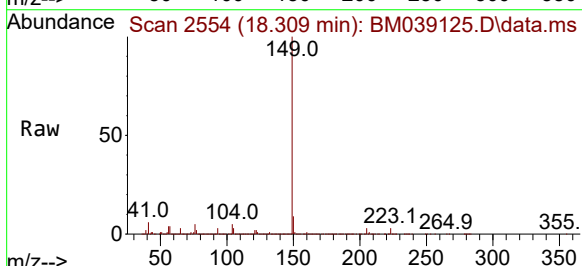
Tgt Ion:149 Resp: 2755485

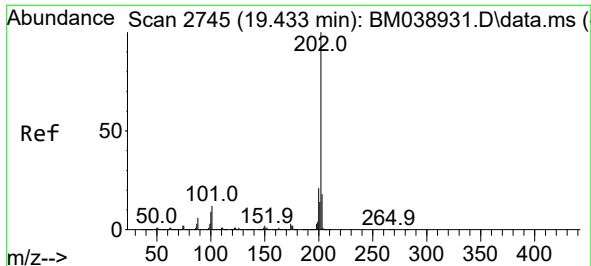
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.0 4.3 6.5

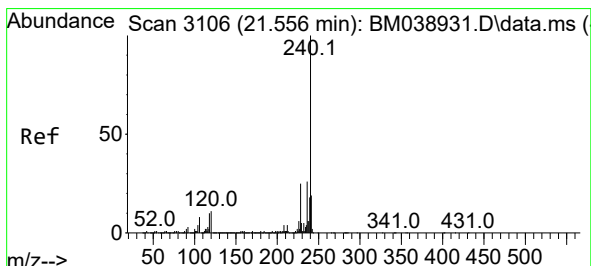
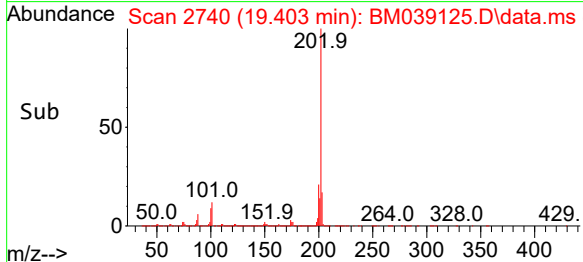
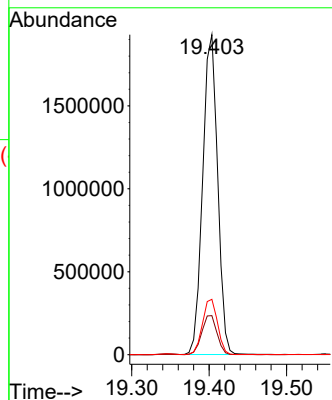
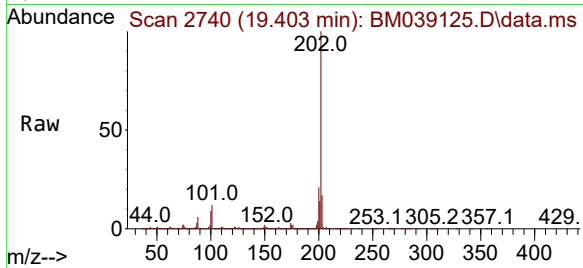




#75
Fluoranthene
Concen: 48.231 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

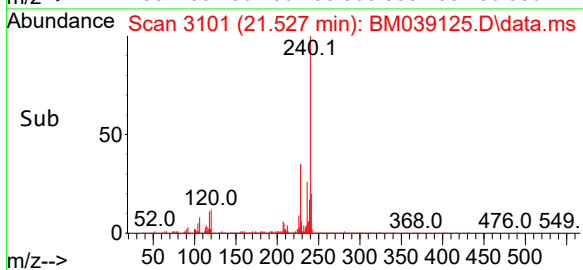
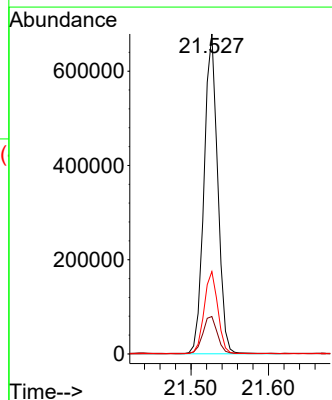
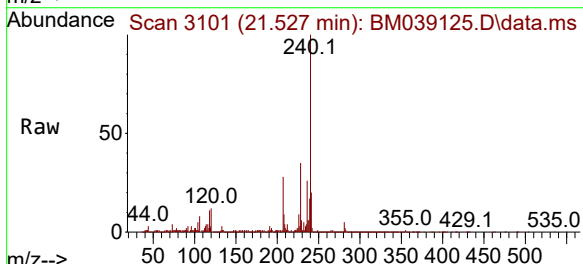
Instrument :
BNA_M
ClientSampleId :
032023-1MS

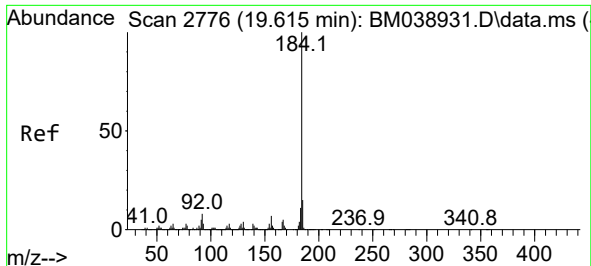
Tgt Ion:202 Resp: 2579590
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.7
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:240 Resp: 830351
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 25.8 20.8 31.2

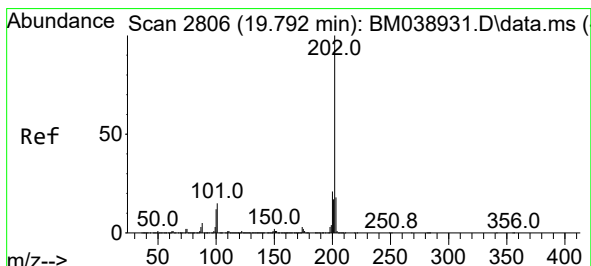
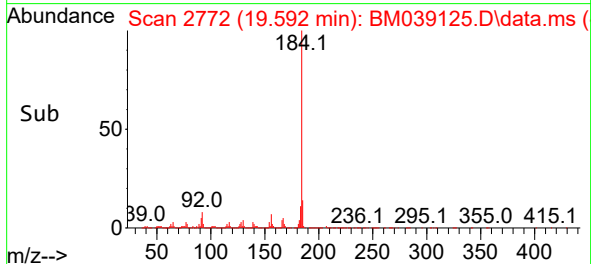
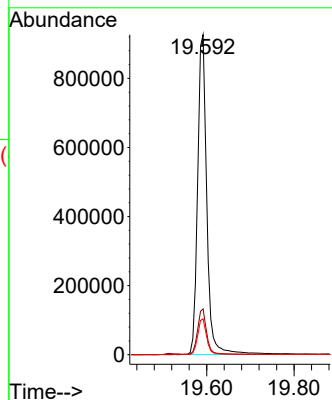
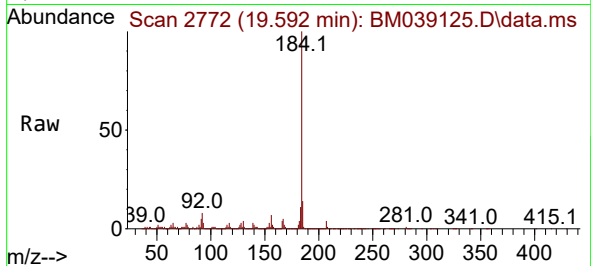




#77
Benzidine
Concen: 69.347 ng
RT: 19.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

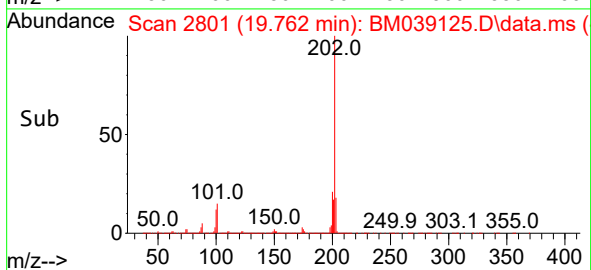
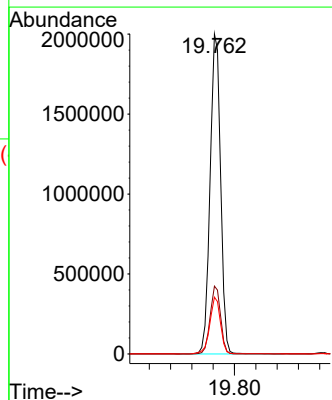
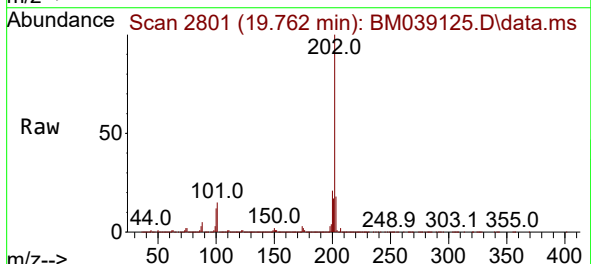
Instrument :
BNA_M
ClientSampleId :
032023-1MS

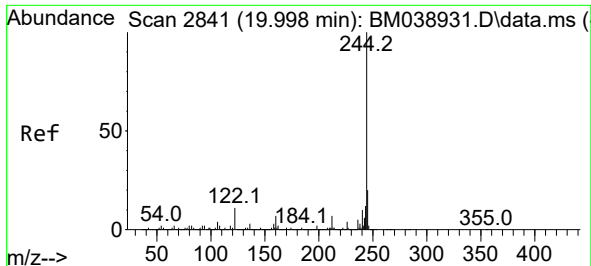
Tgt Ion:184 Resp: 1358235
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.4
183 11.2 8.8 13.2



#78
Pyrene
Concen: 43.750 ng
RT: 19.762 min Scan# 2801
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:202 Resp: 2728547
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.8 14.1 21.1

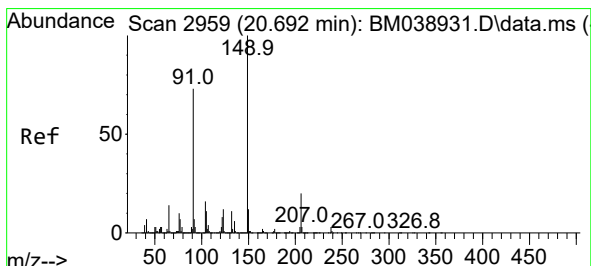
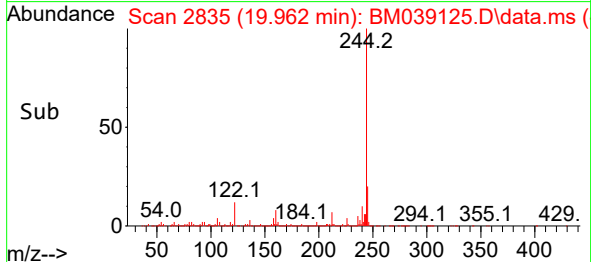
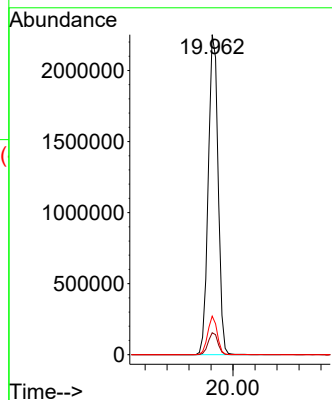
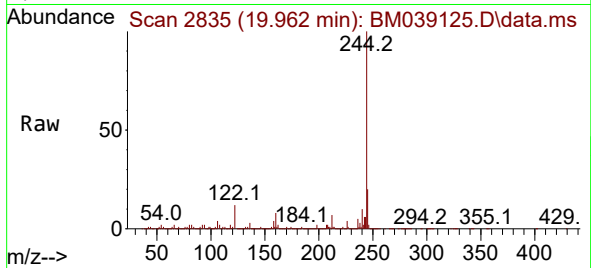




#79
 Terphenyl-d14
 Concen: 61.406 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039125.D
 Acq: 23 Mar 2023 20:42

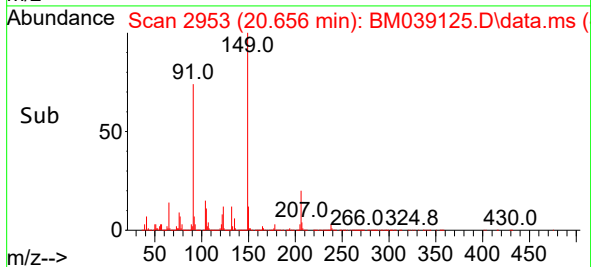
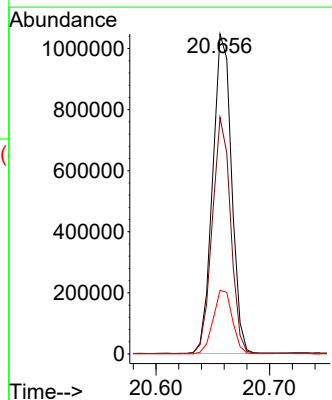
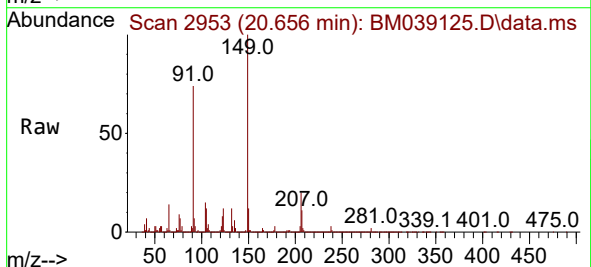
Instrument :
 BNA_M
 ClientSampleId :
 032023-1MS

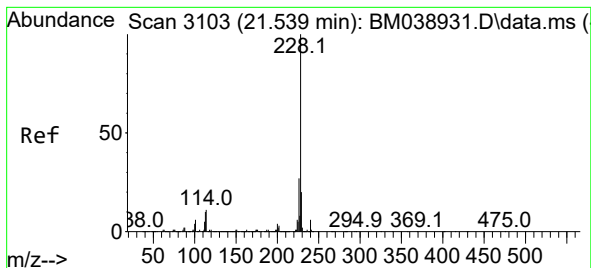
Tgt Ion:244 Resp: 2788784
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 12.0 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 45.800 ng
 RT: 20.656 min Scan# 2953
 Delta R.T. -0.006 min
 Lab File: BM039125.D
 Acq: 23 Mar 2023 20:42

Tgt Ion:149 Resp: 1210223
 Ion Ratio Lower Upper
 149 100
 91 73.9 58.4 87.6
 206 19.9 16.1 24.1





#81

Benzo(a)anthracene

Concen: 47.687 ng

RT: 21.509 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Instrument :

BNA_M

ClientSampleId :

032023-1MS

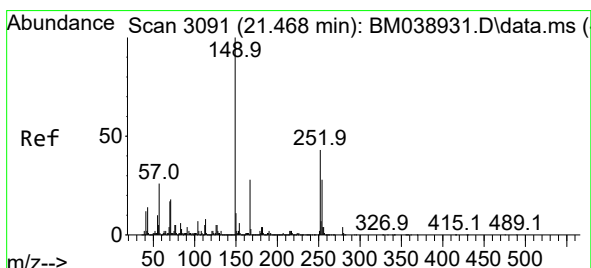
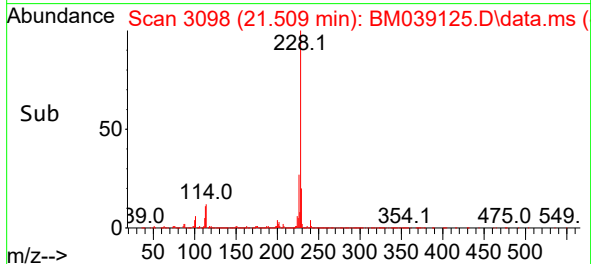
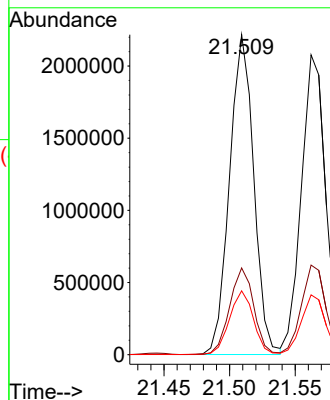
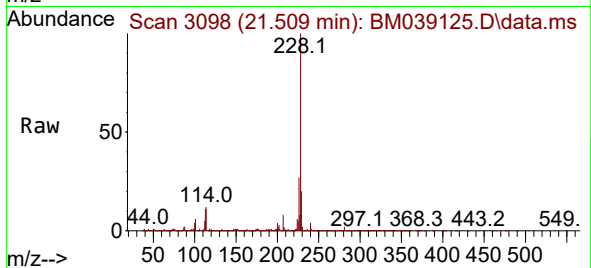
Tgt Ion:228 Resp: 2851597

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 45.332 ng

RT: 21.444 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

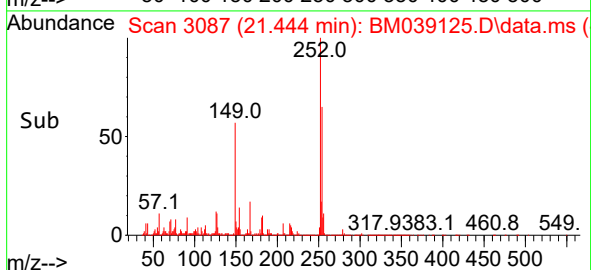
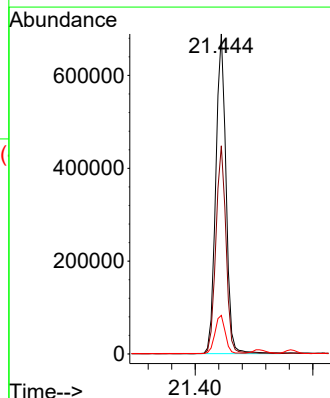
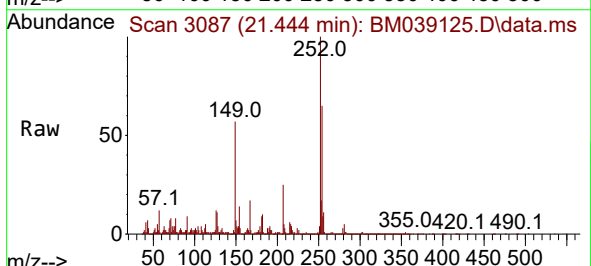
Tgt Ion:252 Resp: 833104

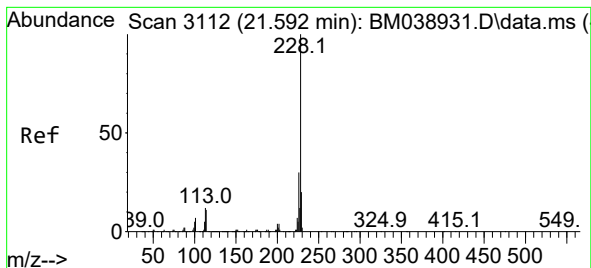
Ion Ratio Lower Upper

252 100

254 65.0 51.5 77.3

126 12.1 9.9 14.9





#83

Chrysene

Concen: 45.661 ng

RT: 21.562 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Instrument :

BNA_M

ClientSampleId :

032023-1MS

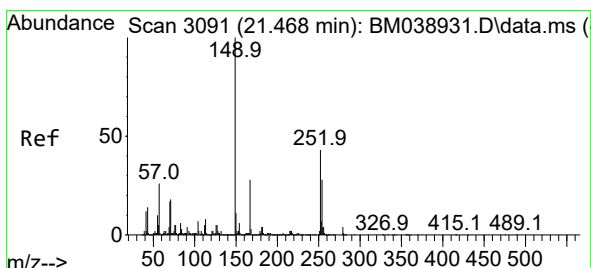
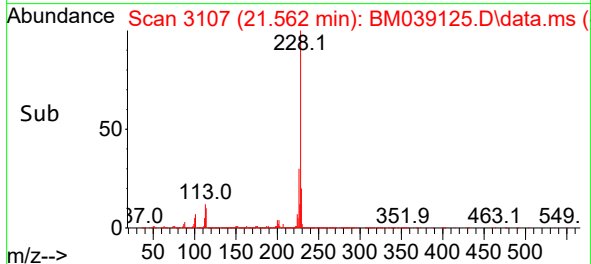
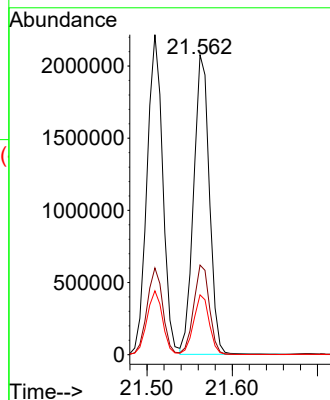
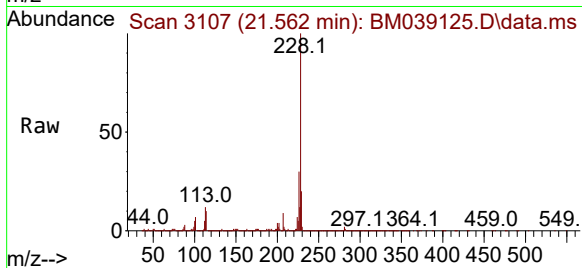
Tgt Ion:228 Resp: 2655584

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.137 ng

RT: 21.433 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

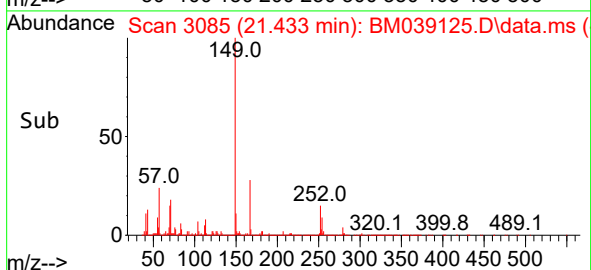
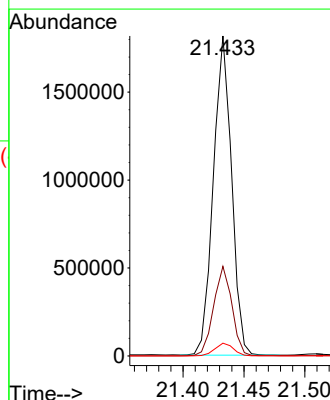
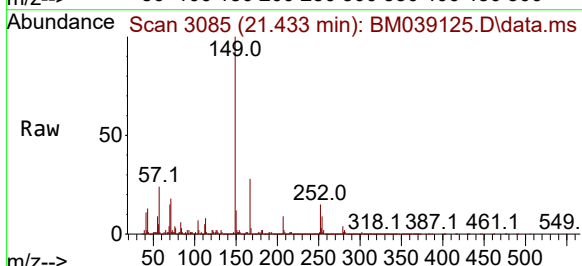
Tgt Ion:149 Resp: 1886382

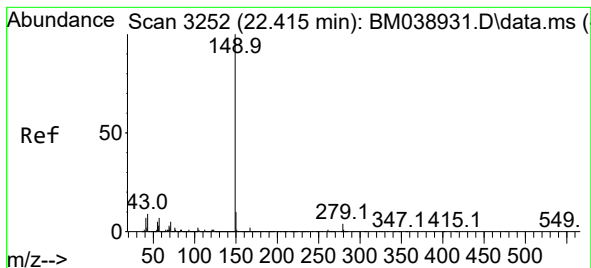
Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 52.374 ng

RT: 22.368 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Instrument :

BNA_M

ClientSampleId :

032023-1MS

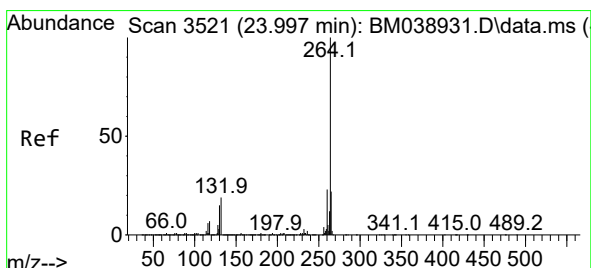
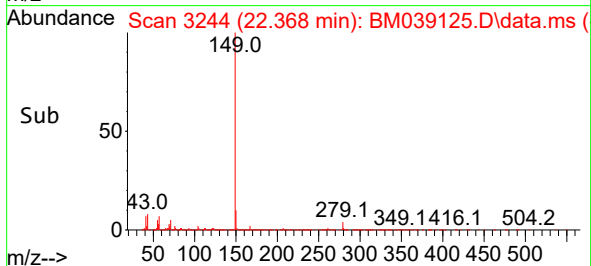
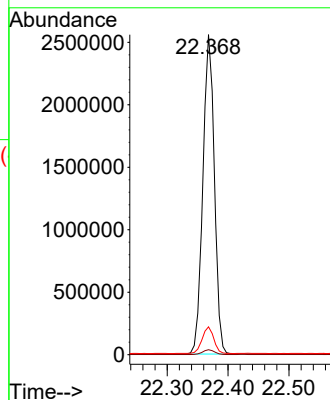
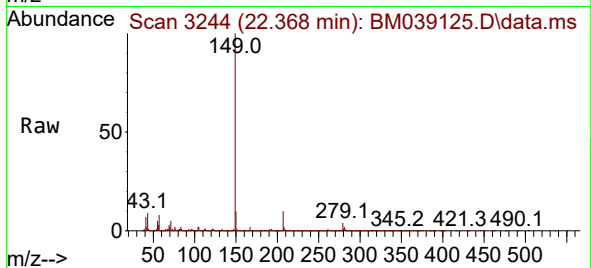
Tgt Ion:149 Resp: 3356361

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.4 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.956 min Scan# 3514

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

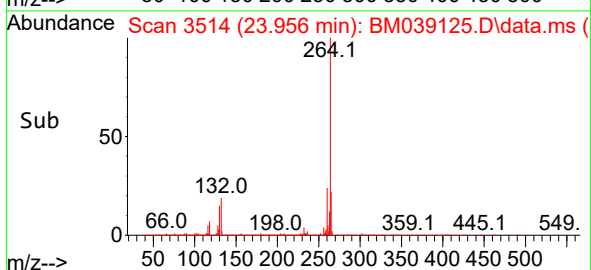
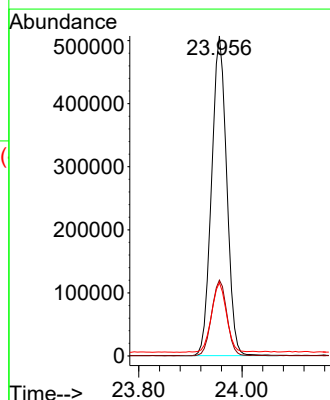
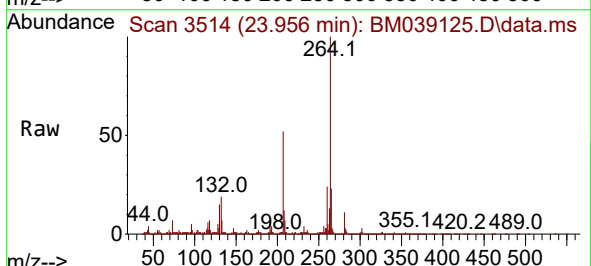
Tgt Ion:264 Resp: 1028542

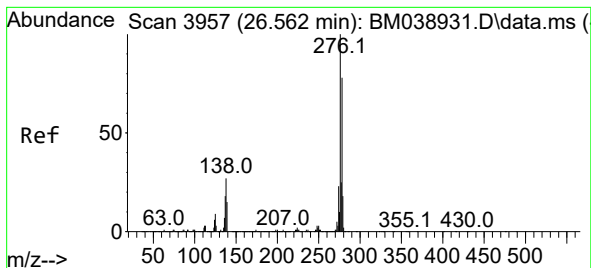
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.9 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.510 ng

RT: 26.497 min Scan# 3946

Delta R.T. -0.000 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Instrument :

BNA_M

ClientSampleId :

032023-1MS

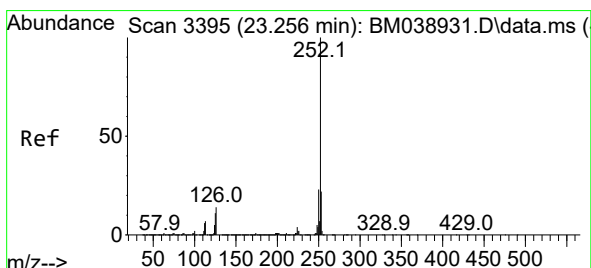
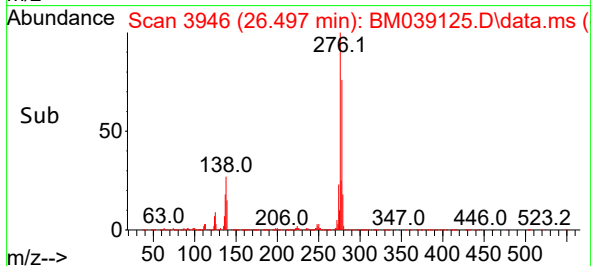
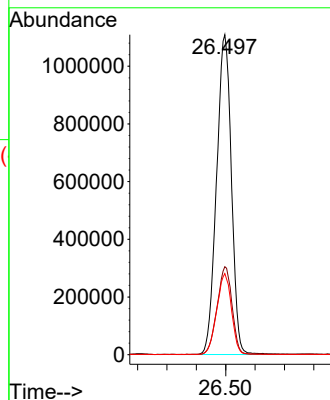
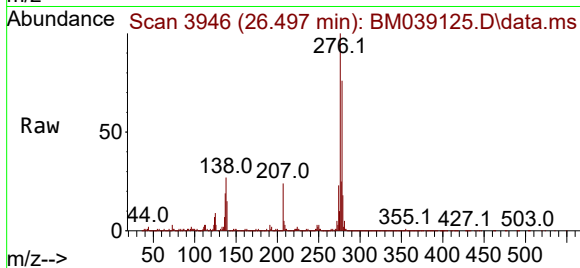
Tgt Ion:276 Resp: 3874879

Ion Ratio Lower Upper

276 100

138 27.5 22.1 33.1

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 47.953 ng

RT: 23.215 min Scan# 3388

Delta R.T. -0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

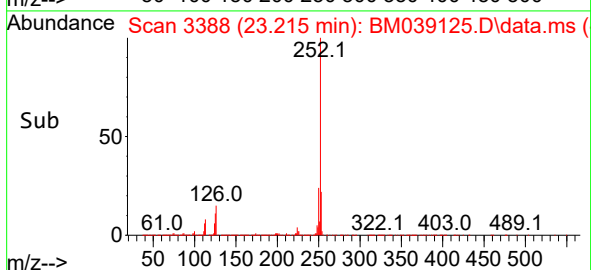
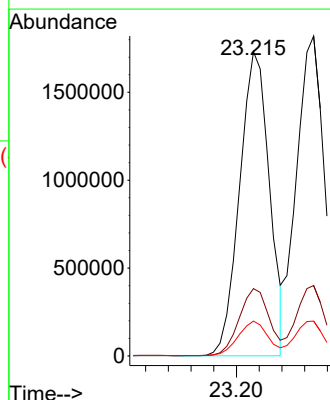
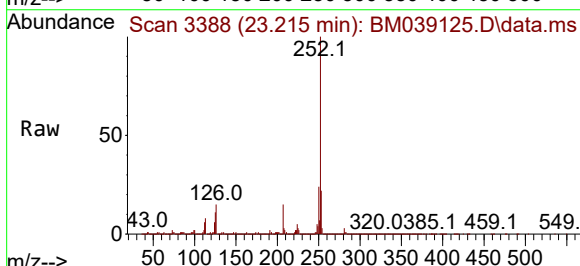
Tgt Ion:252 Resp: 3151022

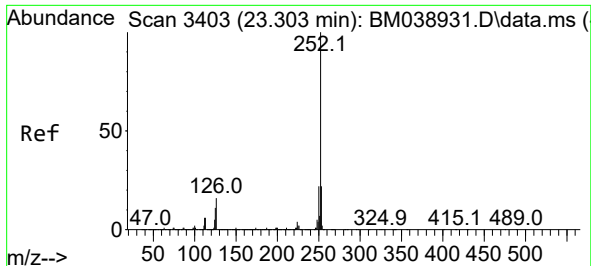
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.5 8.8 13.2

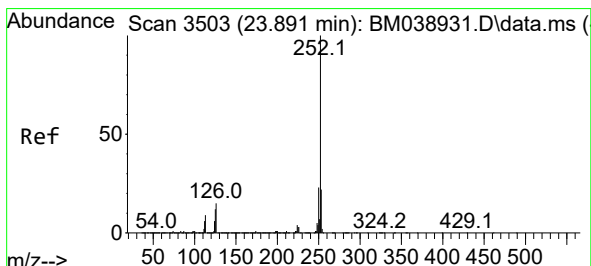
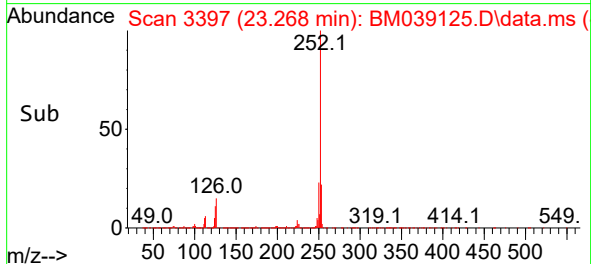
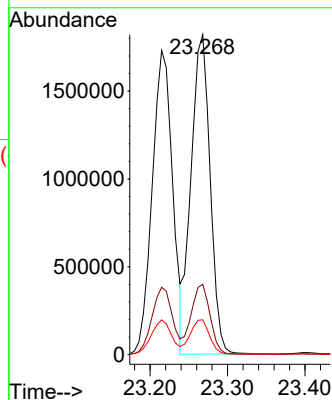
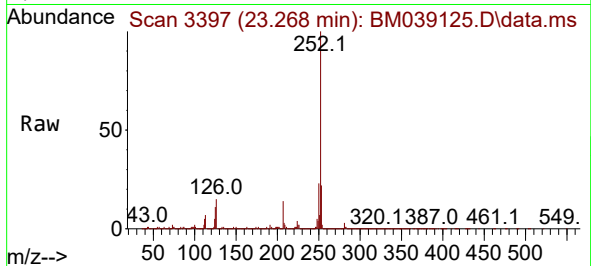




#89
Benzo(k)fluoranthene
Concen: 45.593 ng
RT: 23.268 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

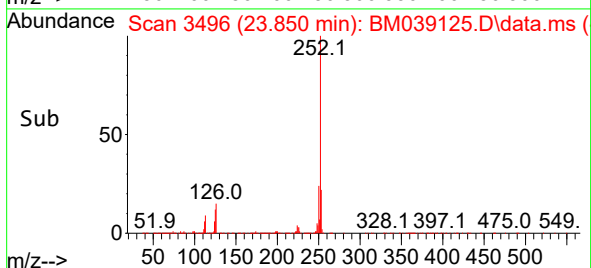
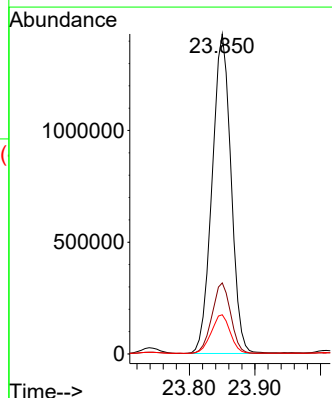
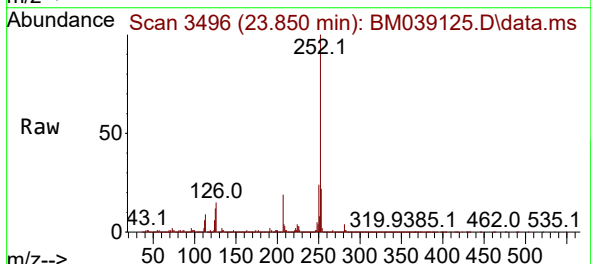
Instrument :
BNA_M
ClientSampleId :
032023-1MS

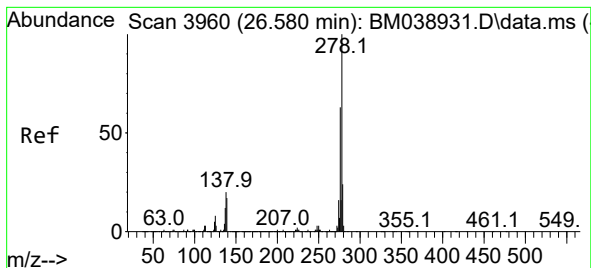
Tgt Ion:252 Resp: 3117871
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.9 8.9 13.3



#90
Benzo(a)pyrene
Concen: 45.196 ng
RT: 23.850 min Scan# 3496
Delta R.T. -0.006 min
Lab File: BM039125.D
Acq: 23 Mar 2023 20:42

Tgt Ion:252 Resp: 2858208
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 12.2 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 48.179 ng

RT: 26.509 min Scan# 3948

Delta R.T. -0.000 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Instrument :

BNA_M

ClientSampleId :

032023-1MS

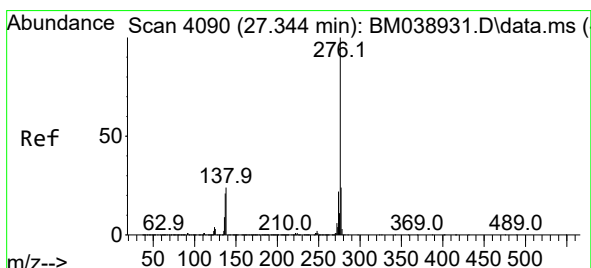
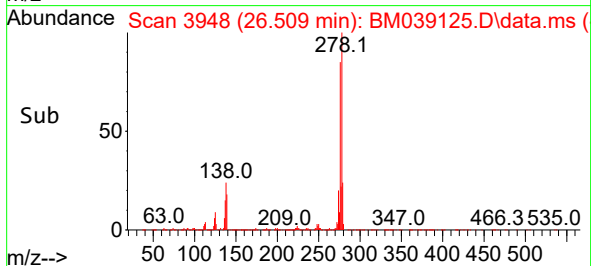
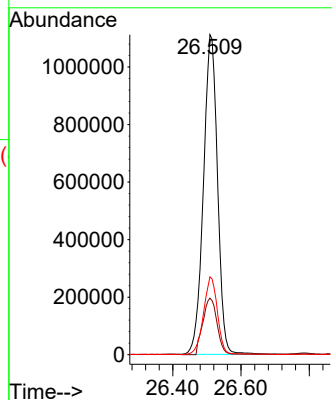
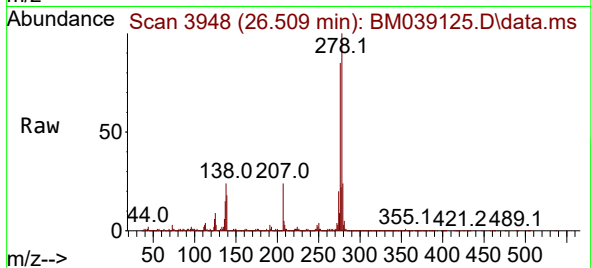
Tgt Ion:278 Resp: 3193301

Ion Ratio Lower Upper

278 100

139 17.6 13.7 20.5

279 24.3 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 49.055 ng

RT: 27.279 min Scan# 4079

Delta R.T. 0.006 min

Lab File: BM039125.D

Acq: 23 Mar 2023 20:42

Tgt Ion:276 Resp: 3181052

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 24.1 19.0 28.6

