

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081723\
 Data File : BM041438.D
 Acq On : 17 Aug 2023 17:33
 Operator : MA/JU
 Sample : PB154898BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154898BS

Quant Time: Aug 17 18:42:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:13:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	129320	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	532839	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	355744	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	790488	20.000	ng	0.00
76) Chrysene-d12	21.397	240	732827	20.000	ng	0.00
86) Perylene-d12	23.756	264	813372	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1285068	165.311	ng	0.01
7) Phenol-d6	6.969	99	1647940	156.119	ng	0.02
23) Nitrobenzene-d5	8.945	82	1039280	93.107	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	814288	144.238	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	2524531	95.094	ng	0.00
79) Terphenyl-d14	19.827	244	4235056	100.565	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.240	88	131830	39.916	ng 97
3) Pyridine	3.646	79	332226	38.074	ng 97
4) n-Nitrosodimethylamine	3.563	42	193978	48.215	ng 97
6) Aniline	7.104	93	462788	36.869	ng 99
8) 2-Chlorophenol	7.334	128	468622	58.348	ng 100
9) Benzaldehyde	6.916	77	194420	33.360	ng 99
10) Phenol	6.992	94	600720	58.902	ng 98
11) bis(2-Chloroethyl)ether	7.204	93	435572	53.388	ng 98
12) 1,3-Dichlorobenzene	7.645	146	480011	53.774	ng 100
13) 1,4-Dichlorobenzene	7.798	146	493202	54.648	ng 98
14) 1,2-Dichlorobenzene	8.110	146	474484	54.468	ng 99
15) Benzyl Alcohol	8.028	79	443127	59.133	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.304	45	498647	50.940	ng 98
17) 2-Methylphenol	8.239	107	399153	54.750	ng 98
18) Hexachloroethane	8.828	117	184981	53.975	ng 96
19) n-Nitroso-di-n-propyla...	8.586	70	368164	50.841	ng 99
20) 3+4-Methylphenols	8.575	107	540941	54.024	ng 98
22) Acetophenone	8.604	105	691374	50.351	ng 99
24) Nitrobenzene	8.986	77	544261	48.831	ng 99
25) Isophorone	9.510	82	997808	48.838	ng 98
26) 2-Nitrophenol	9.692	139	259285	53.279	ng 97
27) 2,4-Dimethylphenol	9.769	122	406798	51.914	ng 99
28) bis(2-Chloroethoxy)met...	9.992	93	596889	50.192	ng 99
29) 2,4-Dichlorophenol	10.239	162	486644	56.688	ng 99
30) 1,2,4-Trichlorobenzene	10.428	180	506890	53.179	ng 99
31) Naphthalene	10.616	128	1364956	49.270	ng 99
32) Benzoic acid	9.975	122	313238	49.771	ng 100
33) 4-Chloroaniline	10.757	127	193407	16.536	ng 99
34) Hexachlorobutadiene	10.880	225	329365	52.250	ng 99
35) Caprolactam	11.586	113	138016	51.861	ng 97
36) 4-Chloro-3-methylphenol	11.904	107	483403	52.911	ng 97
37) 2-Methylnaphthalene	12.233	142	965190	47.880	ng 100
38) 1-Methylnaphthalene	12.457	142	934672	49.078	ng 100
40) 1,2,4,5-Tetrachloroben...	12.604	216	602500	51.911	ng 98
41) Hexachlorocyclopentadiene	12.569	237	698396	108.142	ng 100
43) 2,4,6-Trichlorophenol	12.869	196	419023	53.945	ng 98

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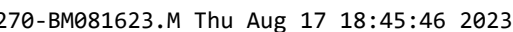
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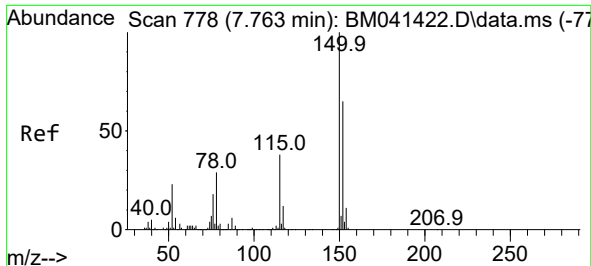
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	451733	50.236	ng	97
46) 1,1'-Biphenyl	13.257	154	1330825	49.570	ng	98
47) 2-Chloronaphthalene	13.298	162	1060146	51.377	ng	100
48) 2-Nitroaniline	13.533	65	321717	47.716	ng	93
49) Acenaphthylene	14.151	152	1691985	50.601	ng	99
50) Dimethylphthalate	13.904	163	1357982	48.886	ng	99
51) 2,6-Dinitrotoluene	14.033	165	299901	50.376	ng	96
52) Acenaphthene	14.492	154	985303	49.268	ng	98
53) 3-Nitroaniline	14.368	138	199191	33.550	ng	99
54) 2,4-Dinitrophenol	14.586	184	384832	103.347	ng	91
55) Dibenzofuran	14.833	168	1650133	49.205	ng	99
56) 4-Nitrophenol	14.721	139	417194	93.317	ng	96
57) 2,4-Dinitrotoluene	14.827	165	419681	51.583	ng	93
58) Fluorene	15.480	166	1329157	49.455	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.068	232	406991	53.255	ng	96
60) Diethylphthalate	15.262	149	1345745	48.488	ng	99
61) 4-Chlorophenyl-phenyle...	15.480	204	727260	50.191	ng	97
62) 4-Nitroaniline	15.545	138	262095	48.391	ng	98
63) Azobenzene	15.774	77	1300798	46.518	ng	96
65) 4,6-Dinitro-2-methylph...	15.592	198	262217	51.819	ng	95
66) n-Nitrosodiphenylamine	15.704	169	1145961	49.248	ng	98
67) 4-Bromophenyl-phenylether	16.374	248	453115	50.020	ng	98
68) Hexachlorobenzene	16.486	284	528614	53.473	ng	97
69) Atrazine	16.668	200	444857	67.369	ng	100
70) Pentachlorophenol	16.845	266	587912	84.928	ng	99
71) Phenanthrene	17.233	178	2056077	49.274	ng	99
72) Anthracene	17.321	178	2107420	49.806	ng	100
73) Carbazole	17.609	167	1871417	49.707	ng	100
74) Di-n-butylphthalate	18.162	149	2360690	49.912	ng	99
75) Fluoranthene	19.256	202	2474174	49.803	ng	100
77) Benzidine	19.462	184	993590	118.284	ng	99
78) Pyrene	19.621	202	2559759	48.841	ng	100
80) Butylbenzylphthalate	20.527	149	1049666	50.004	ng	97
81) Benzo(a)anthracene	21.380	228	2551177	50.979	ng	100
82) 3,3'-Dichlorobenzidine	21.321	252	776469	47.973	ng	100
83) Chrysene	21.433	228	2340687	49.206	ng	100
84) Bis(2-ethylhexyl)phtha...	21.303	149	1543927	51.770	ng #	97
85) Di-n-octyl phthalate	22.215	149	2630876	53.952	ng	98
87) Indeno(1,2,3-cd)pyrene	26.203	276	2770565	52.317	ng	98
88) Benzo(b)fluoranthene	23.038	252	2526958	52.125	ng	99
89) Benzo(k)fluoranthene	23.091	252	2476429	50.547	ng	99
90) Benzo(a)pyrene	23.656	252	2217002	48.027	ng	99
91) Dibenzo(a,h)anthracene	26.215	278	2360793	53.006	ng	98
92) Benzo(g,h,i)perylene	26.956	276	2241556	52.061	ng	99

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

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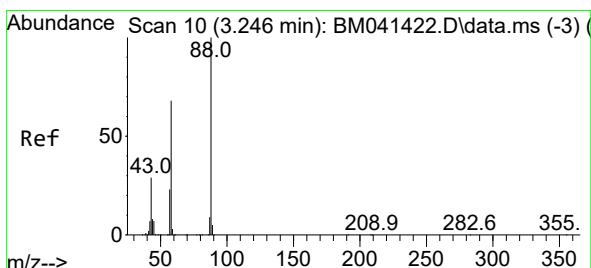
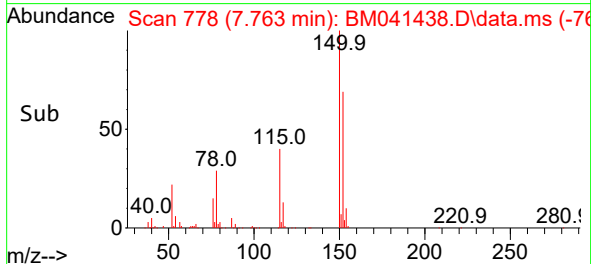
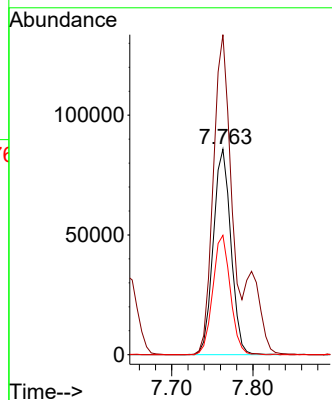
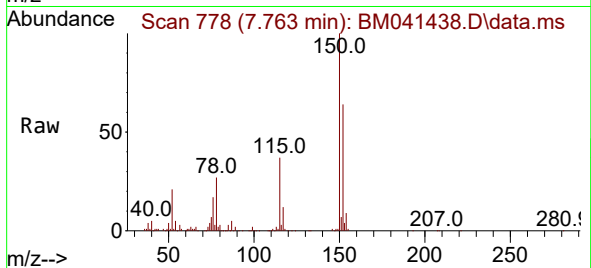




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.763 min Scan# 778
 Delta R.T. -0.000 min
 Lab File: BM041438.D
 Acq: 17 Aug 2023 17:33

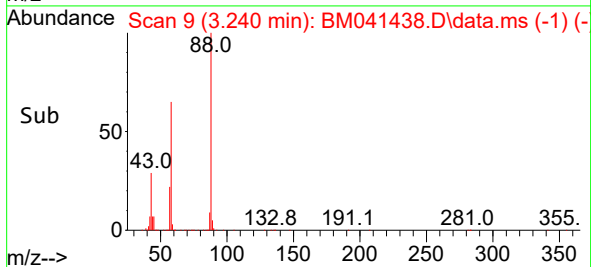
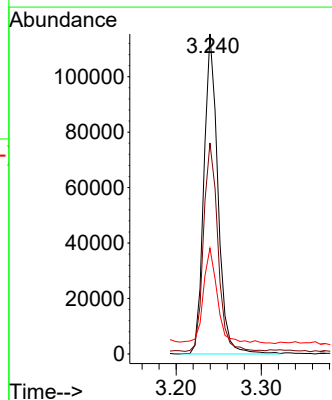
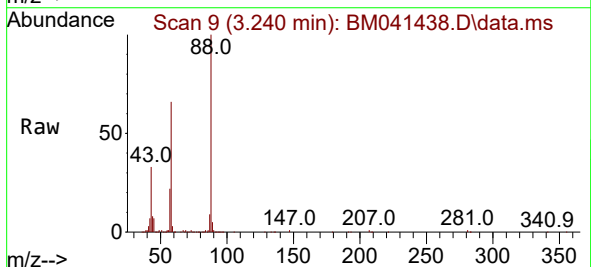
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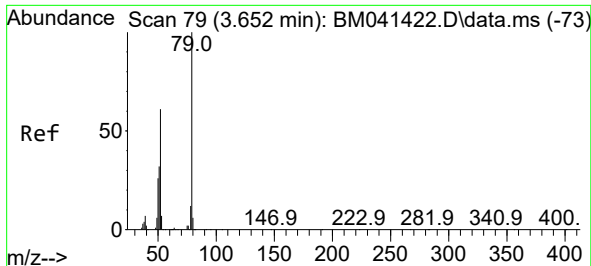
Tgt Ion:152 Resp: 129320
 Ion Ratio Lower Upper
 152 100
 150 155.8 123.8 185.6
 115 58.1 46.6 70.0



#2
 1,4-Dioxane
 Concen: 39.916 ng
 RT: 3.240 min Scan# 9
 Delta R.T. -0.006 min
 Lab File: BM041438.D
 Acq: 17 Aug 2023 17:33

Tgt Ion: 88 Resp: 131830
 Ion Ratio Lower Upper
 88 100
 58 66.6 55.1 82.7
 43 30.3 23.2 34.8



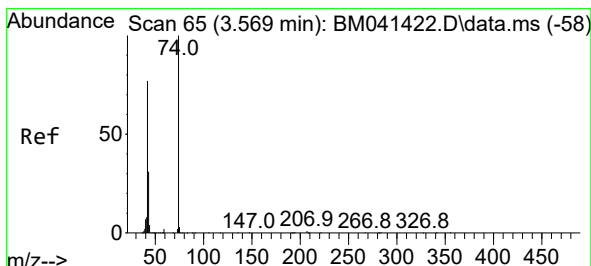
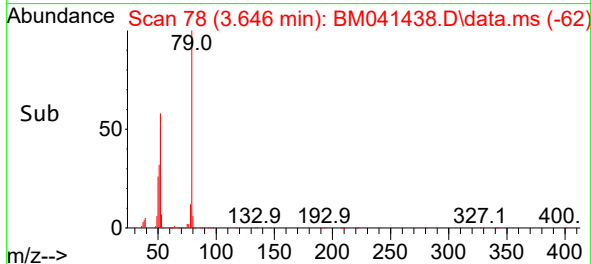
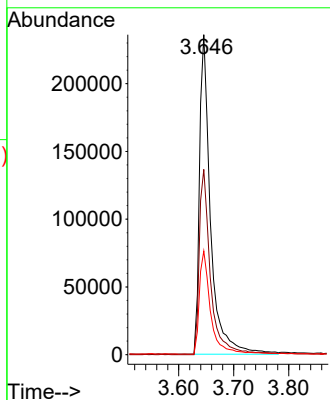
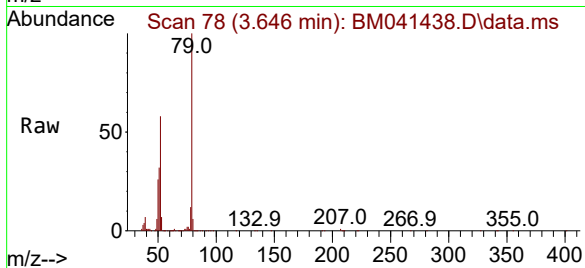


#3
 Pyridine
 Concen: 38.074 ng
 RT: 3.646 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BM041438.D
 Acq: 17 Aug 2023 17:33

Instrument :
 BNA_M
 ClientSampleId :
 PB154898BS

Tgt Ion: 79 Resp: 332226

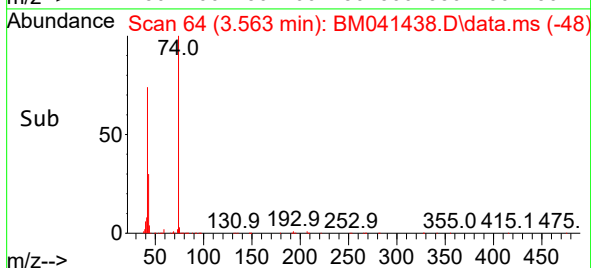
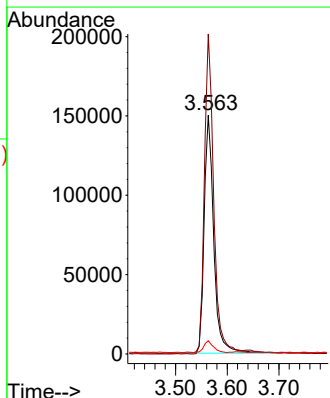
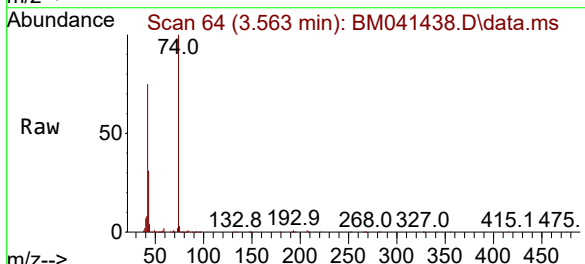
Ion	Ratio	Lower	Upper
79	100		
52	57.9	49.0	73.4
51	32.4	26.1	39.1

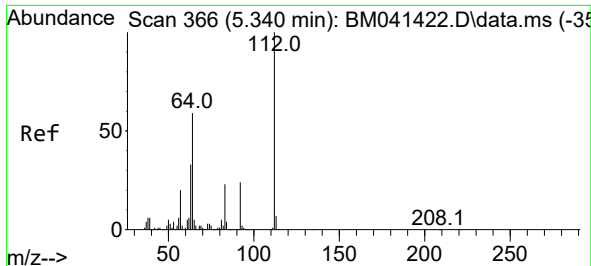


#4
 n-Nitrosodimethylamine
 Concen: 48.215 ng
 RT: 3.563 min Scan# 64
 Delta R.T. -0.006 min
 Lab File: BM041438.D
 Acq: 17 Aug 2023 17:33

Tgt Ion: 42 Resp: 193978

Ion	Ratio	Lower	Upper
42	100		
74	134.1	104.1	156.1
44	5.6	4.6	6.8

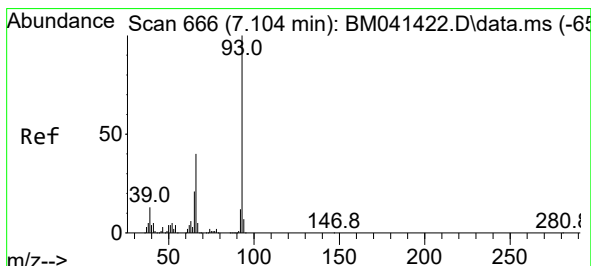
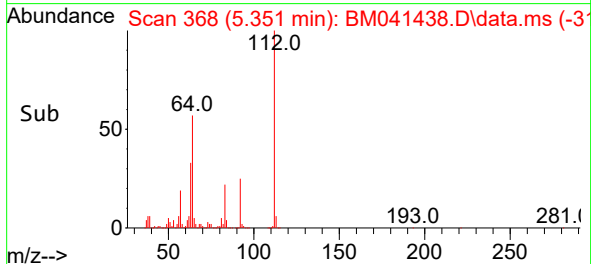
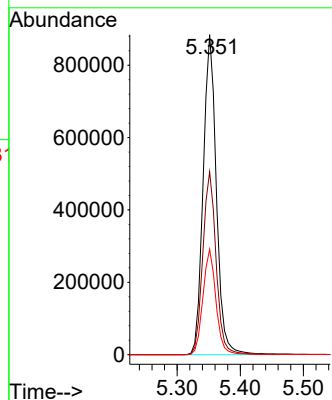
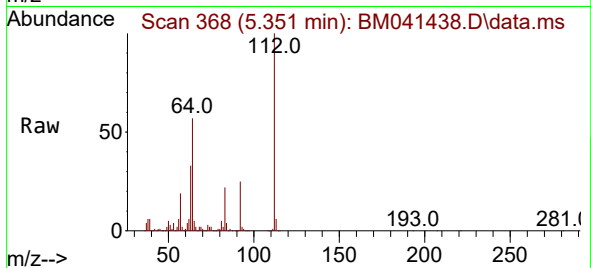




#5
2-Fluorophenol
Concen: 165.311 ng
RT: 5.351 min Scan# 366
Delta R.T. 0.012 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

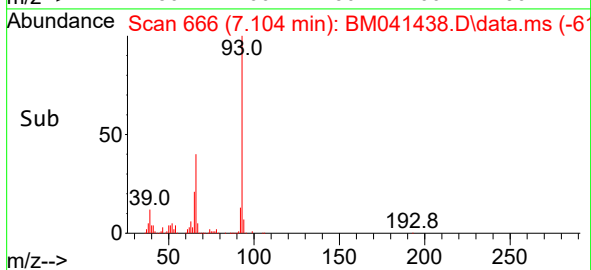
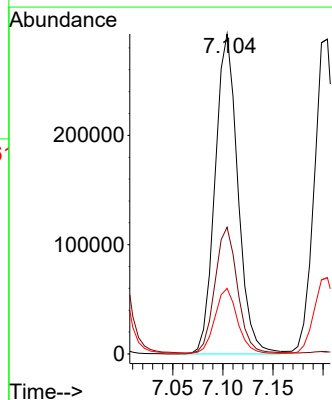
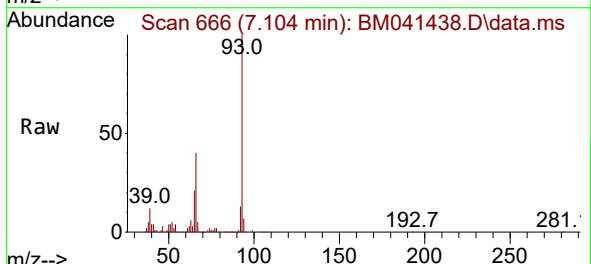
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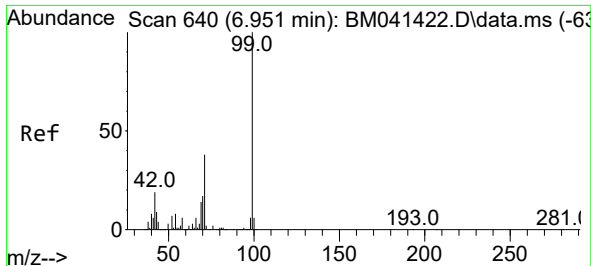
Tgt Ion:112 Resp: 1285068
Ion Ratio Lower Upper
112 100
64 57.2 47.3 70.9
63 33.0 26.5 39.7



#6
Aniline
Concen: 36.869 ng
RT: 7.104 min Scan# 666
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion: 93 Resp: 462788
Ion Ratio Lower Upper
93 100
66 39.6 31.8 47.8
65 20.5 16.8 25.2

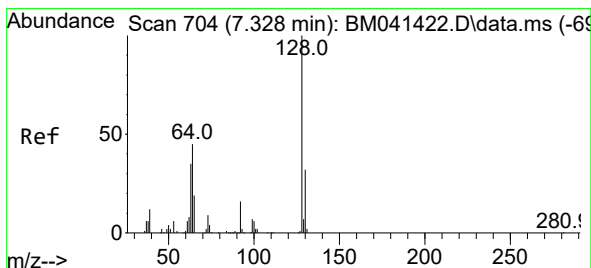
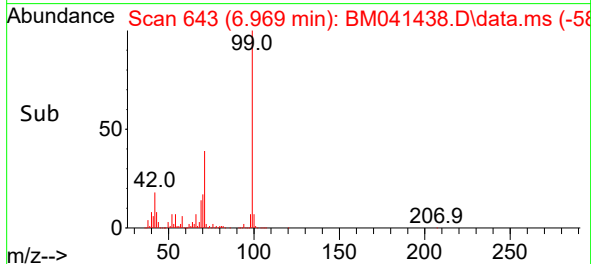
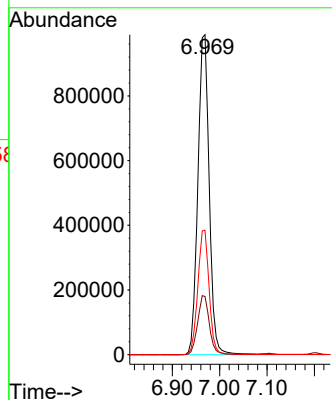
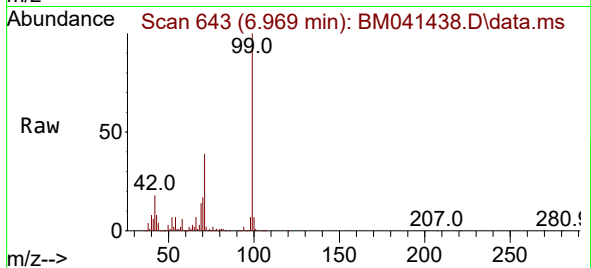




#7
Phenol-d6
Concen: 156.119 ng
RT: 6.969 min Scan# 640
Delta R.T. 0.018 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

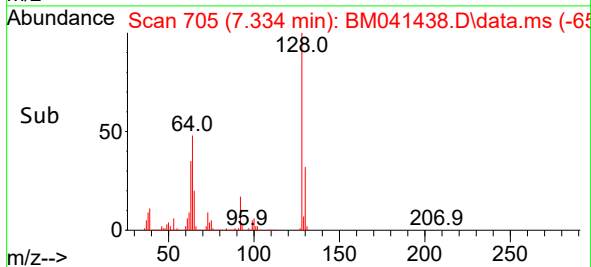
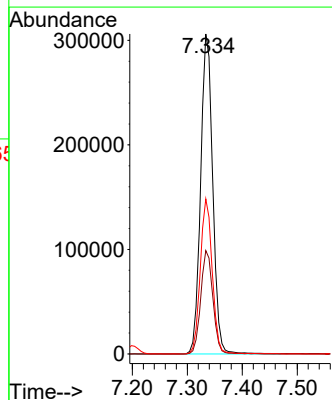
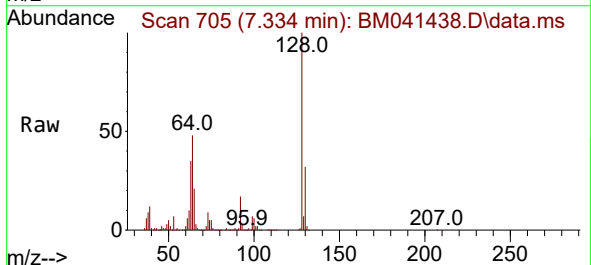
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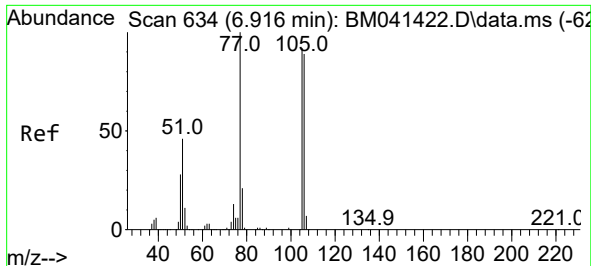
Tgt Ion: 99 Resp: 1647940
Ion Ratio Lower Upper
99 100
42 18.2 15.2 22.8
71 38.9 30.7 46.1



#8
2-Chlorophenol
Concen: 58.348 ng
RT: 7.334 min Scan# 705
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion: 128 Resp: 468622
Ion Ratio Lower Upper
128 100
130 32.3 12.2 52.2
64 48.5 28.8 68.8

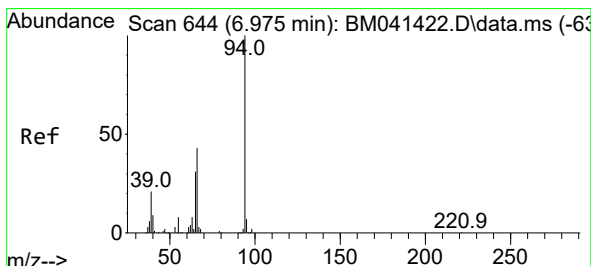
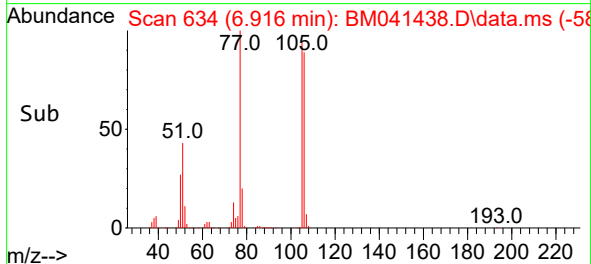
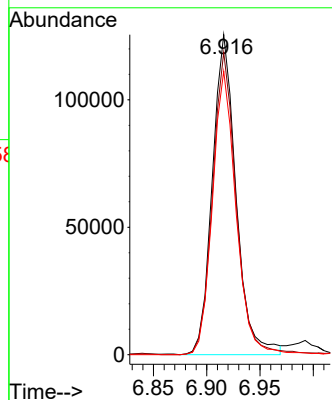
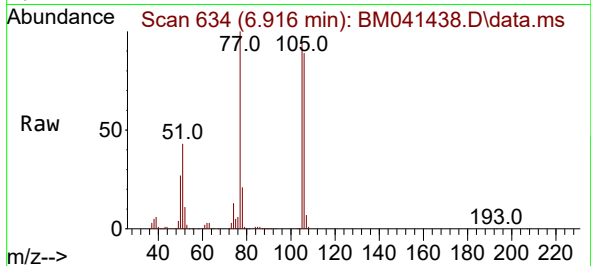




#9
Benzaldehyde
Concen: 33.360 ng
RT: 6.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

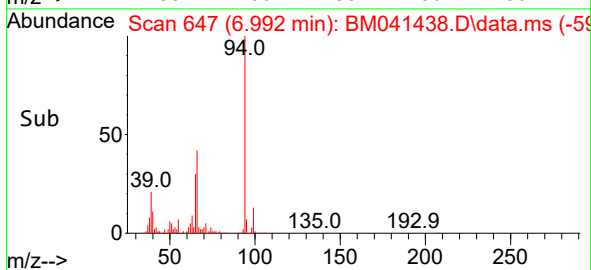
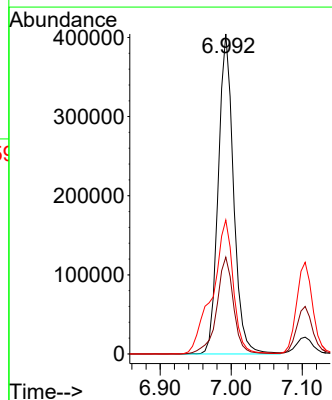
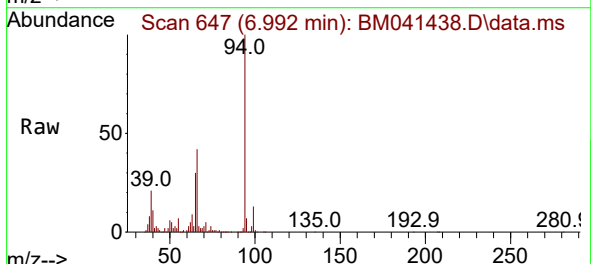
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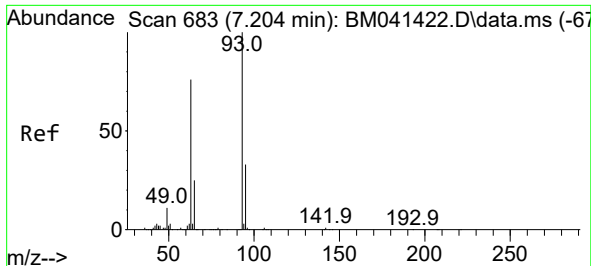
Tgt Ion: 77 Resp: 194420
Ion Ratio Lower Upper
77 100
105 94.5 71.7 111.7
106 88.6 68.6 108.6



#10
Phenol
Concen: 58.902 ng
RT: 6.992 min Scan# 647
Delta R.T. 0.018 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion: 94 Resp: 600720
Ion Ratio Lower Upper
94 100
65 30.3 11.0 51.0
66 41.9 23.9 63.9





#11

bis(2-Chloroethyl)ether

Concen: 53.388 ng

RT: 7.204 min Scan# 683

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

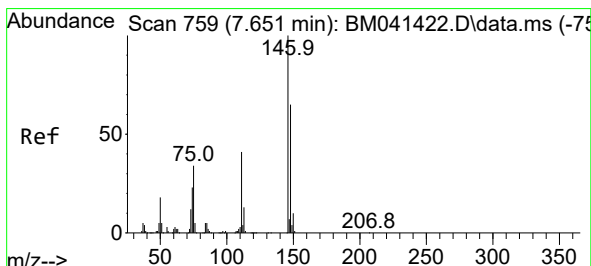
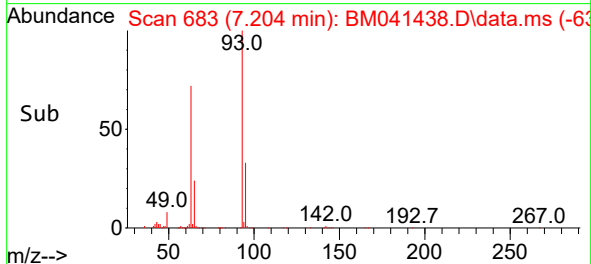
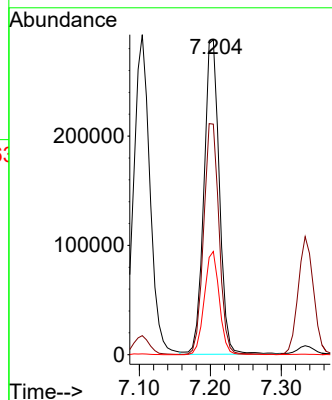
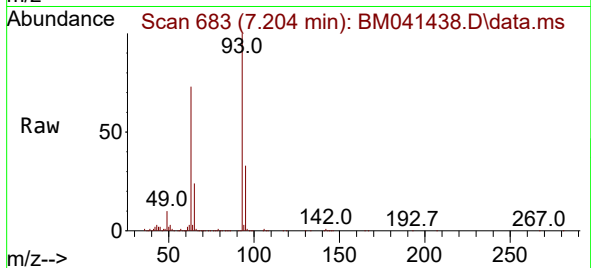
Tgt Ion: 93 Resp: 435572

Ion Ratio Lower Upper

93 100

63 73.3 55.2 95.2

95 32.8 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 53.774 ng

RT: 7.645 min Scan# 758

Delta R.T. -0.006 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

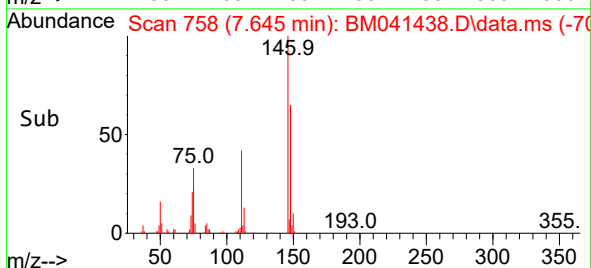
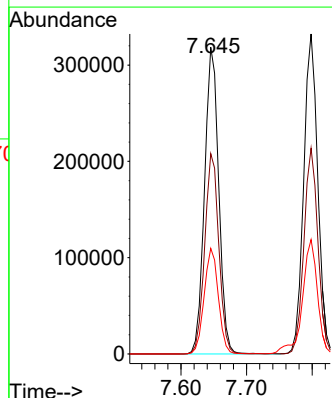
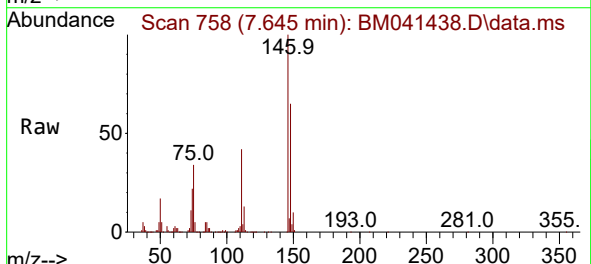
Tgt Ion: 146 Resp: 480011

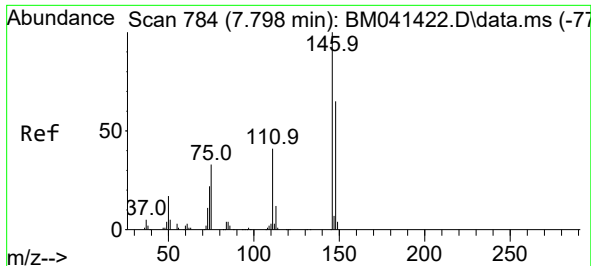
Ion Ratio Lower Upper

146 100

148 65.3 52.3 78.5

75 34.4 27.6 41.4

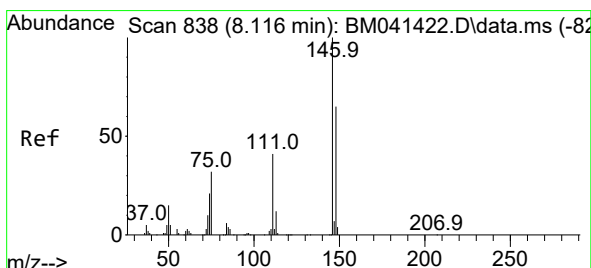
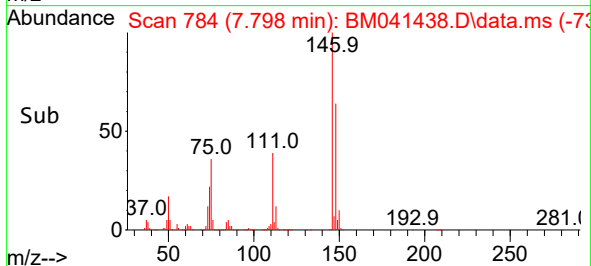
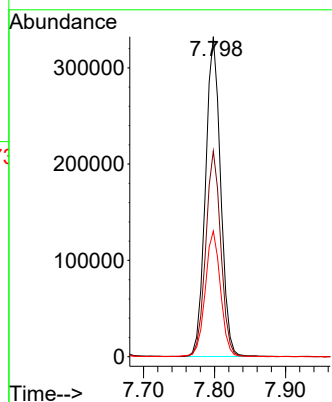
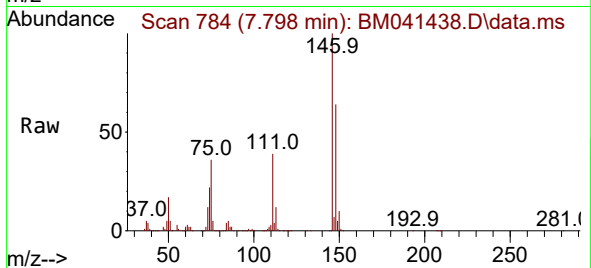




#13
1,4-Dichlorobenzene
Concen: 54.648 ng
RT: 7.798 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

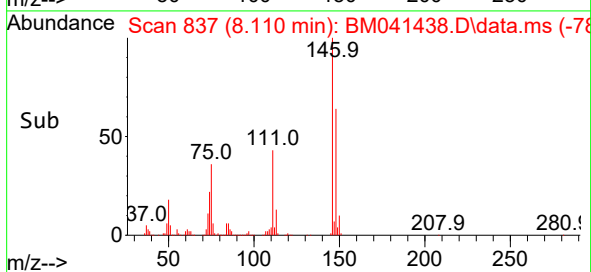
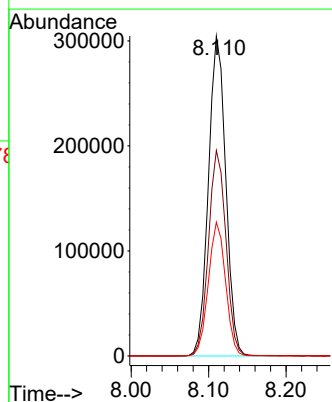
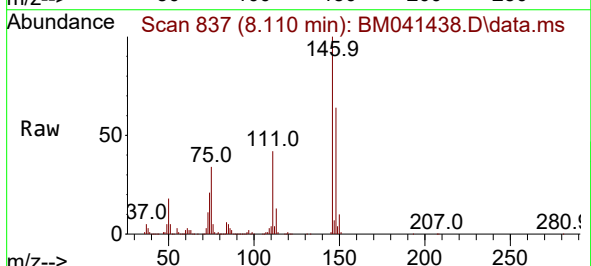
Instrument :
BNA_M
ClientSampleId :
PB154898BS

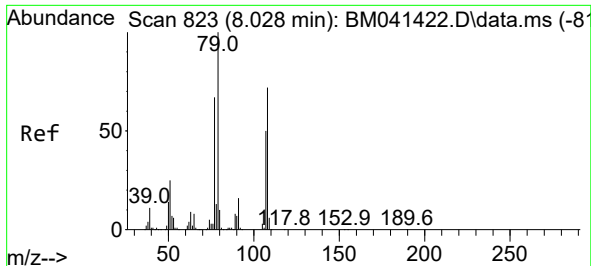
Tgt Ion:146 Resp: 493202
Ion Ratio Lower Upper
146 100
148 64.3 52.2 78.4
111 39.3 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 54.468 ng
RT: 8.110 min Scan# 837
Delta R.T. -0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:146 Resp: 474484
Ion Ratio Lower Upper
146 100
148 64.2 52.0 78.0
111 41.8 33.4 50.0

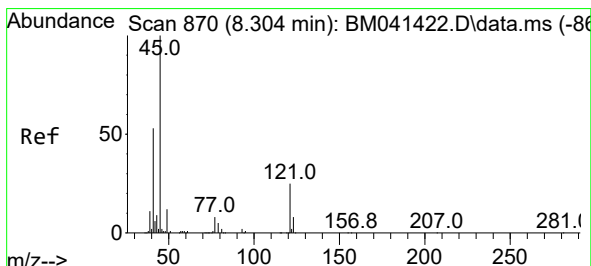
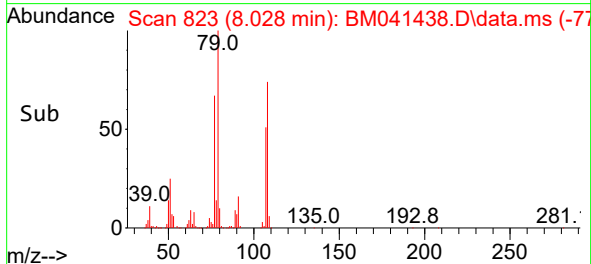
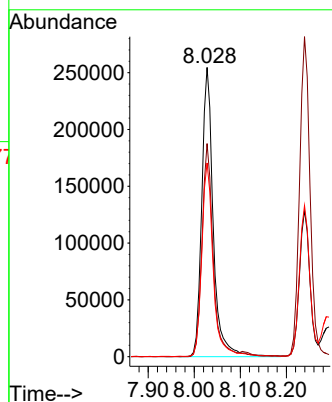
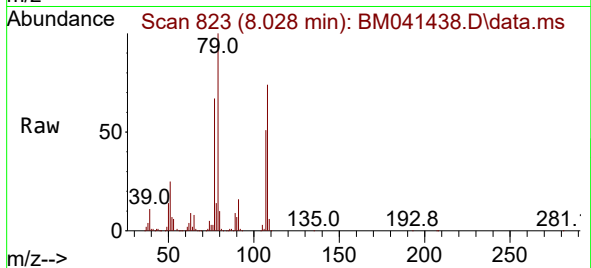




#15
Benzyl Alcohol
Concen: 59.133 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

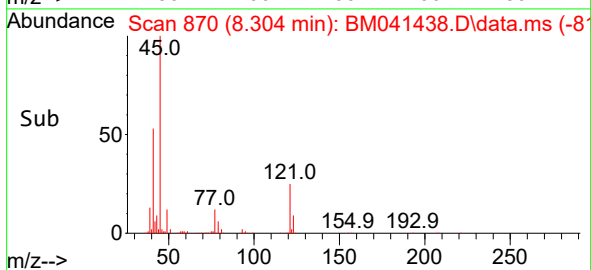
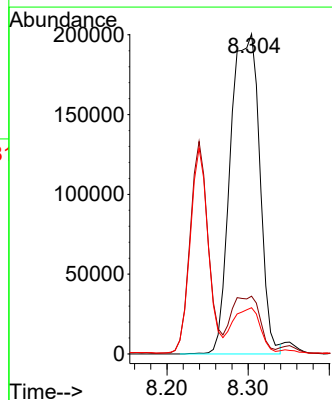
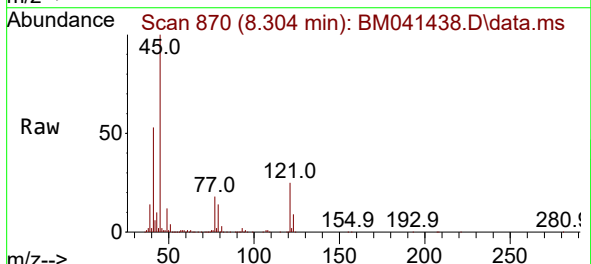
Instrument :
BNA_M
ClientSampleId :
PB154898BS

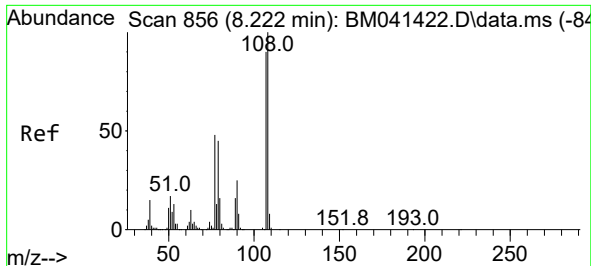
Tgt Ion: 79 Resp: 443127
Ion Ratio Lower Upper
79 100
108 73.7 57.8 86.8
77 67.0 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.940 ng
RT: 8.304 min Scan# 870
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion: 45 Resp: 498647
Ion Ratio Lower Upper
45 100
77 18.0 0.0 37.3
79 14.4 0.0 33.8

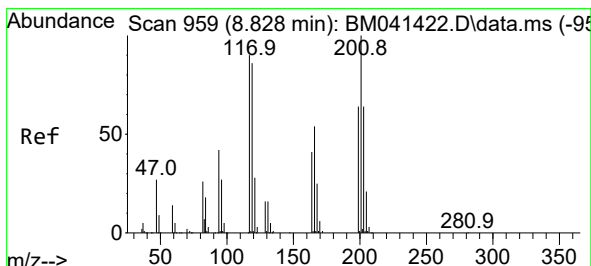
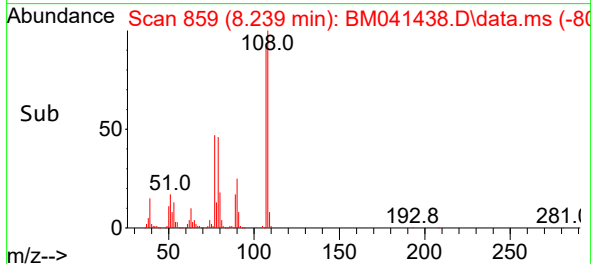
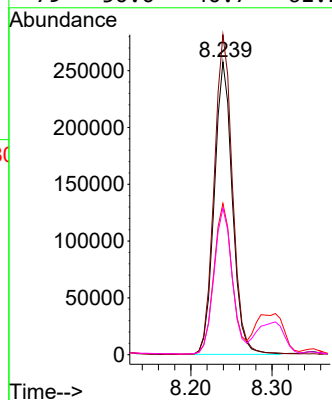
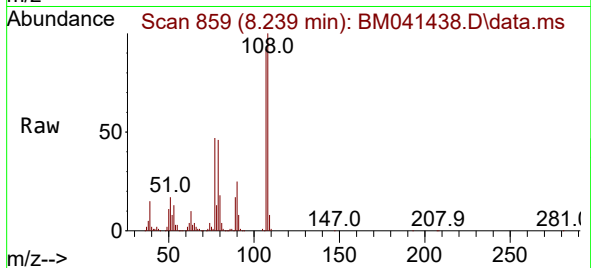




#17
2-Methylphenol
Concen: 54.750 ng
RT: 8.239 min Scan# 859
Delta R.T. 0.018 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

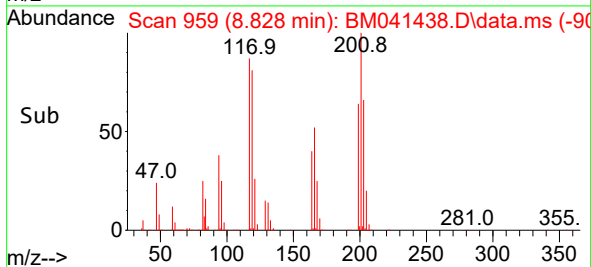
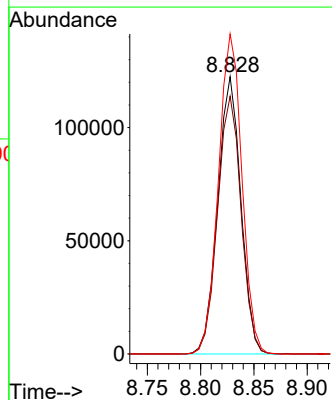
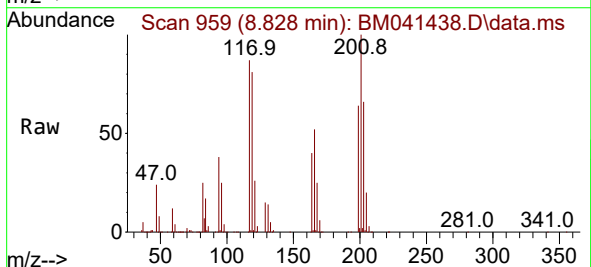
Instrument :
BNA_M
ClientSampleId :
PB154898BS

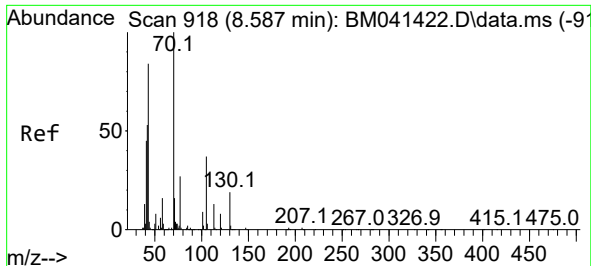
Tgt Ion:107 Resp: 399153
Ion Ratio Lower Upper
107 100
108 109.3 89.2 133.8
77 51.7 43.4 65.0
79 50.0 40.7 61.1



#18
Hexachloroethane
Concen: 53.975 ng
RT: 8.828 min Scan# 959
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:117 Resp: 184981
Ion Ratio Lower Upper
117 100
119 93.0 76.3 114.5
201 115.4 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 50.841 ng

RT: 8.586 min Scan# 918

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

Tgt Ion: 70 Resp: 368164

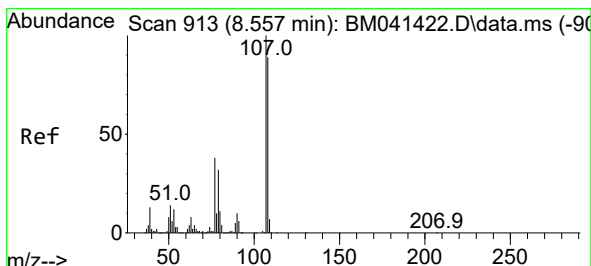
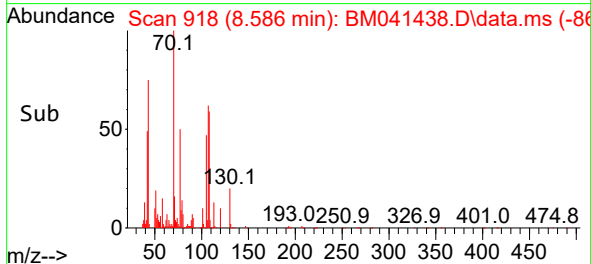
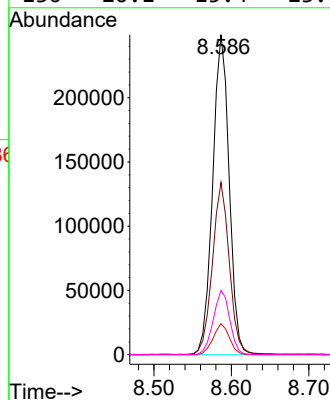
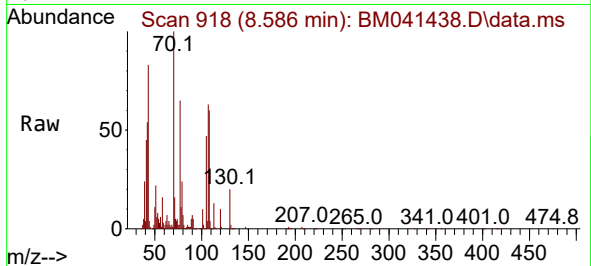
Ion Ratio Lower Upper

70 100

42 53.8 42.6 63.8

101 9.7 7.4 11.0

130 20.1 15.4 23.0



#20

3+4-Methylphenols

Concen: 54.024 ng

RT: 8.575 min Scan# 916

Delta R.T. 0.018 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Tgt Ion: 107 Resp: 540941

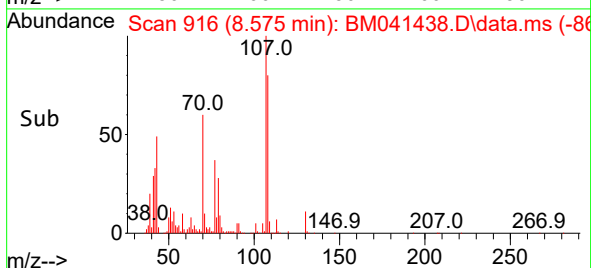
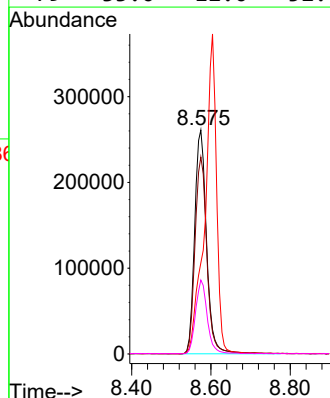
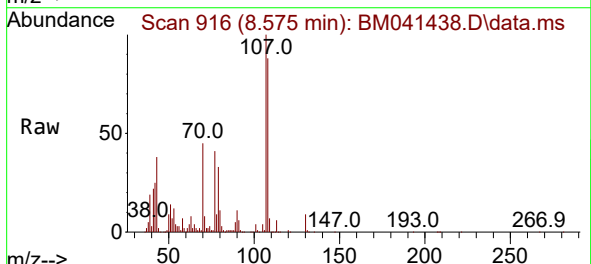
Ion Ratio Lower Upper

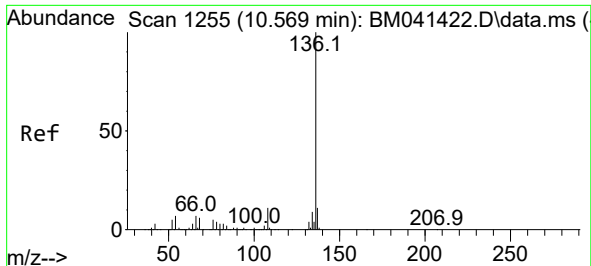
107 100

108 87.9 68.7 108.7

77 40.7 18.1 58.1

79 33.0 12.0 52.0

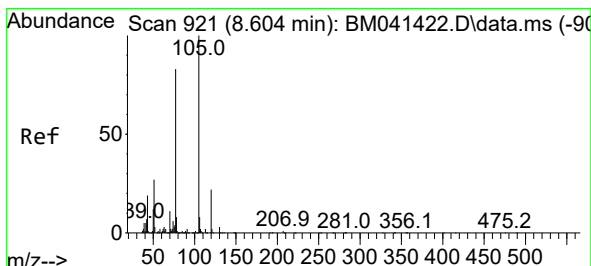
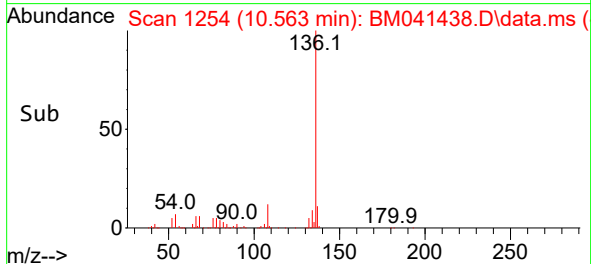
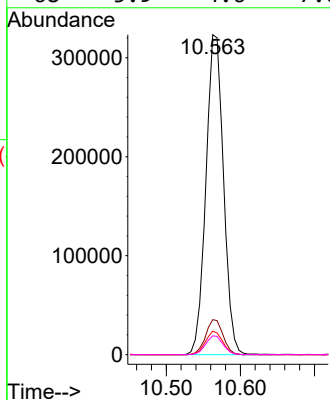
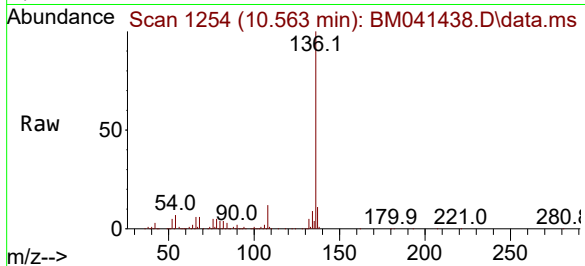




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

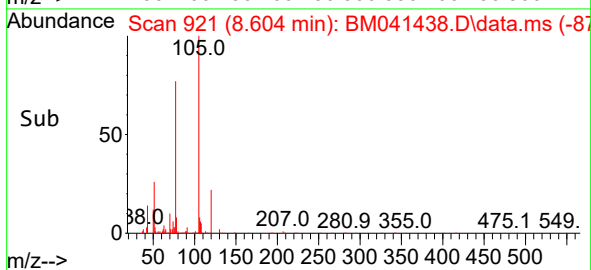
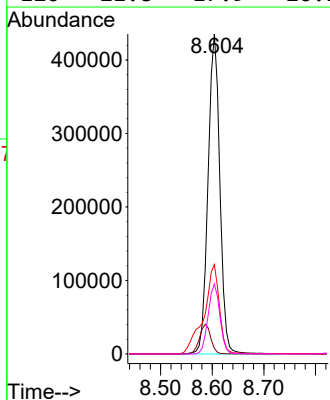
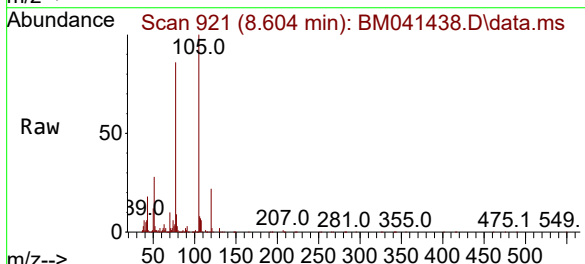
Instrument :
BNA_M
ClientSampleId :
PB154898BS

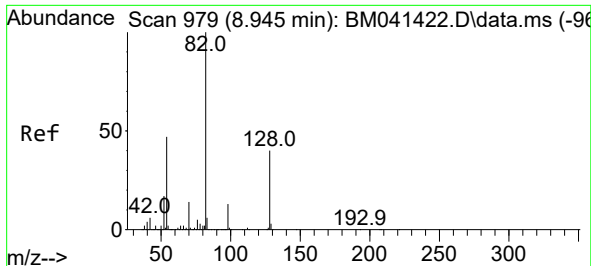
Tgt Ion:	136	Resp:	532839
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.4	5.7	8.5
68	5.9	4.6	7.0



#22
Acetophenone
Concen: 50.351 ng
RT: 8.604 min Scan# 921
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:	105	Resp:	691374
Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.4	2.2
51	28.0	21.7	32.5
120	21.8	17.9	26.9





#23

Nitrobenzene-d5

Concen: 93.107 ng

RT: 8.945 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

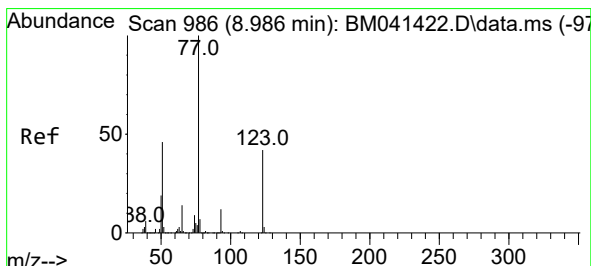
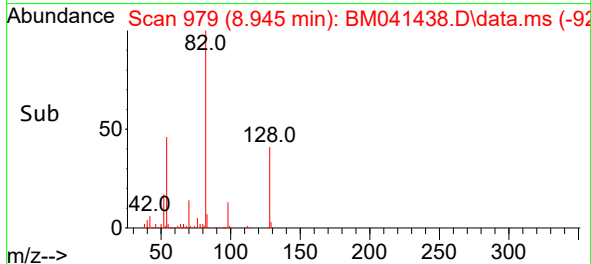
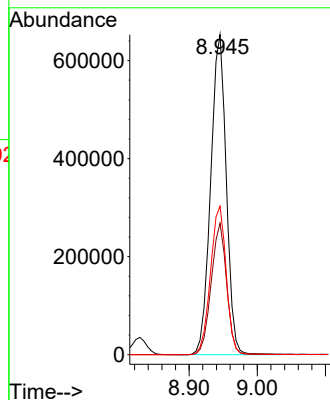
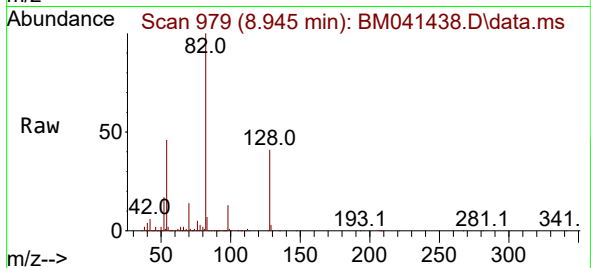
Tgt Ion: 82 Resp: 1039280

Ion Ratio Lower Upper

82 100

128 41.0 32.2 48.4

54 46.4 37.5 56.3



#24

Nitrobenzene

Concen: 48.831 ng

RT: 8.986 min Scan# 986

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

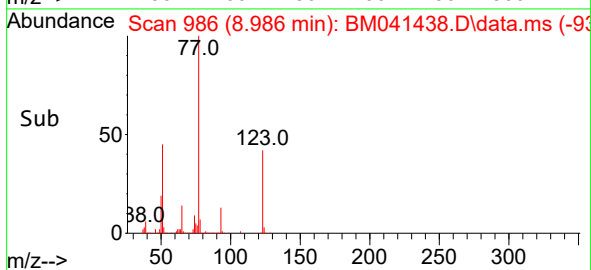
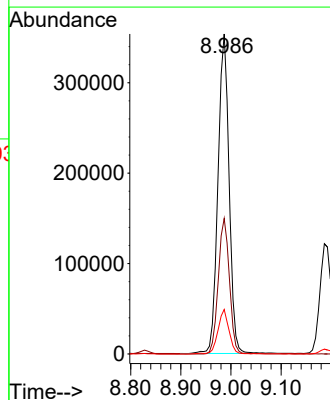
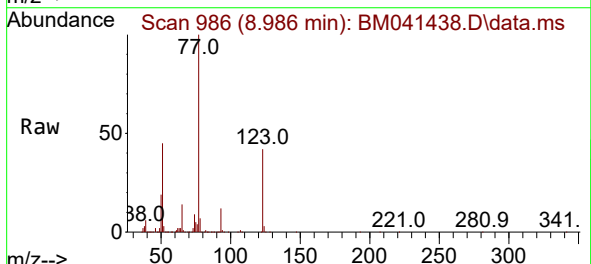
Tgt Ion: 77 Resp: 544261

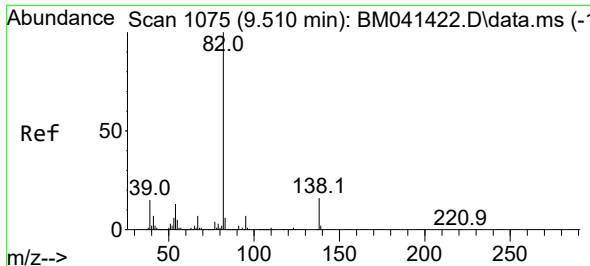
Ion Ratio Lower Upper

77 100

123 42.4 33.5 50.3

65 13.9 11.0 16.6

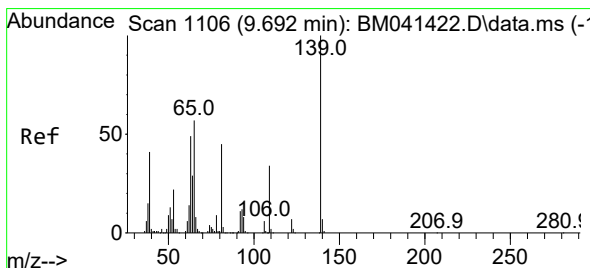
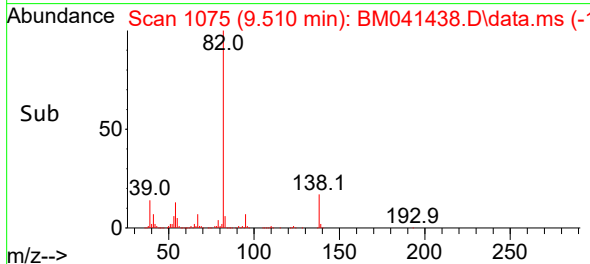
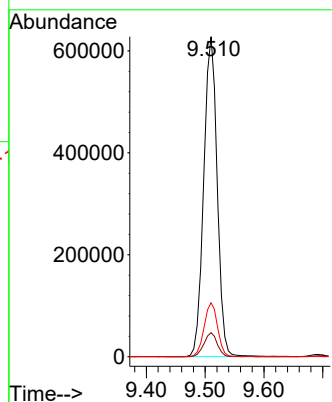
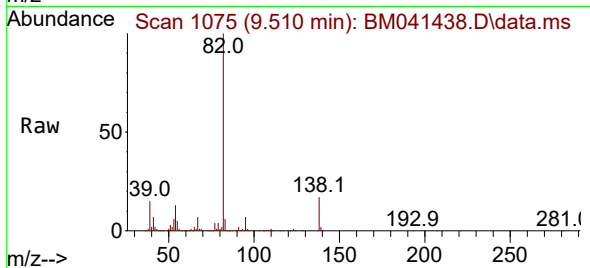




#25
Isophorone
Concen: 48.838 ng
RT: 9.510 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

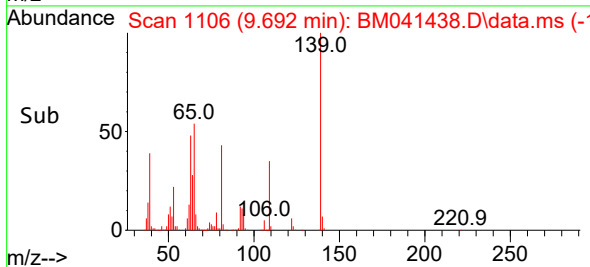
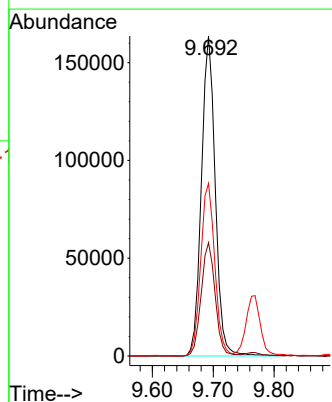
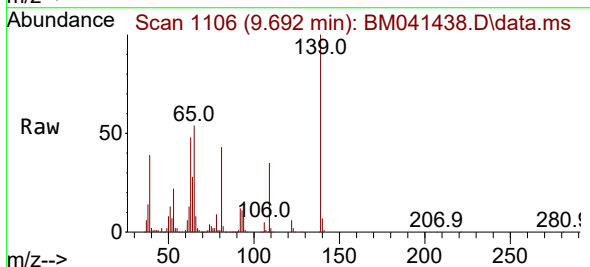
Instrument :
BNA_M
ClientSampleId :
PB154898BS

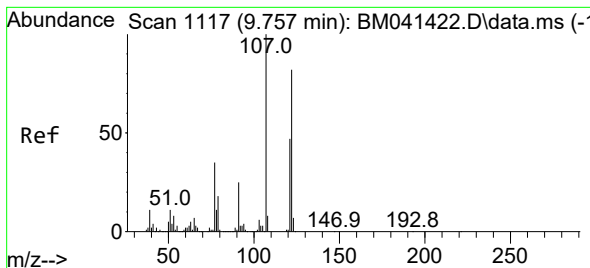
Tgt Ion: 82 Resp: 997808
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.6
138 16.9 12.9 19.3



#26
2-Nitrophenol
Concen: 53.279 ng
RT: 9.692 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion: 139 Resp: 259285
Ion Ratio Lower Upper
139 100
109 35.4 27.4 41.2
65 54.0 45.3 67.9

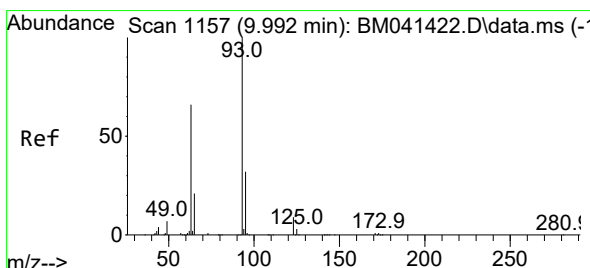
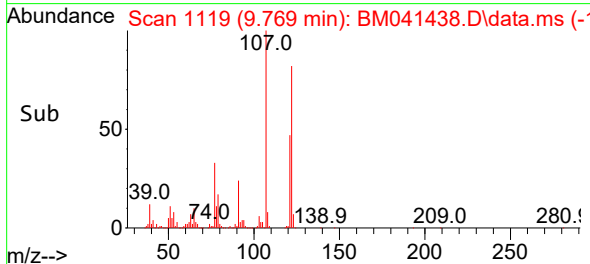
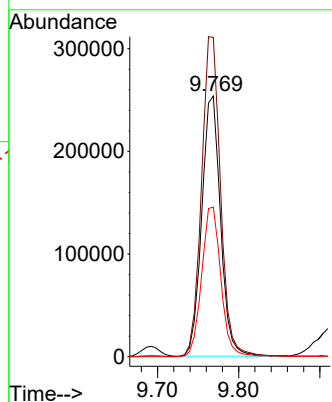
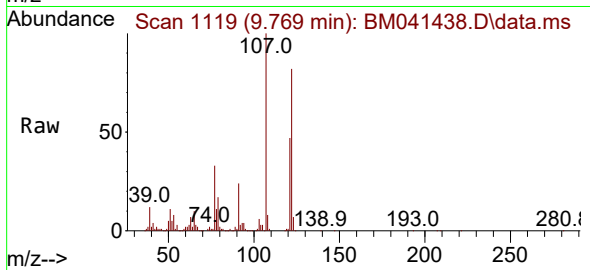




#27
2,4-Dimethylphenol
Concen: 51.914 ng
RT: 9.769 min Scan# 1119
Delta R.T. 0.012 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

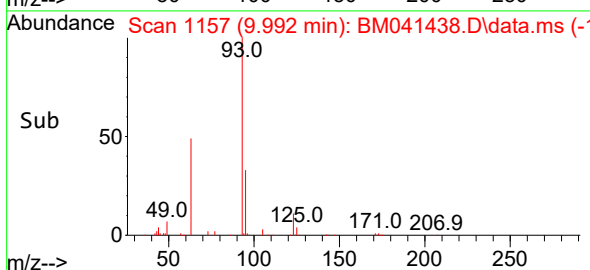
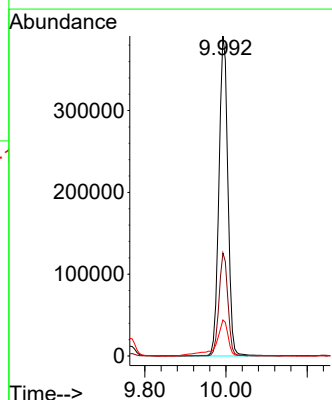
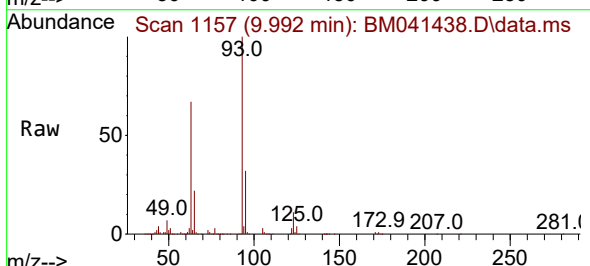
Instrument :
BNA_M
ClientSampleId :
PB154898BS

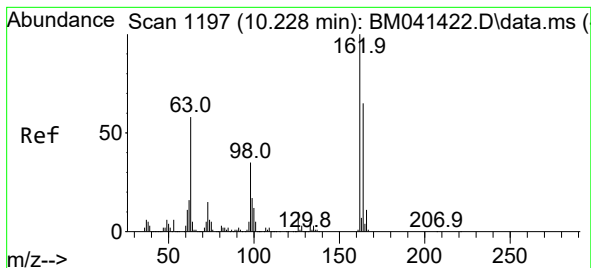
Tgt Ion:122 Resp: 406798
Ion Ratio Lower Upper
122 100
107 122.5 96.7 145.1
121 57.4 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 50.192 ng
RT: 9.992 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion: 93 Resp: 596889
Ion Ratio Lower Upper
93 100
95 32.2 25.5 38.3
123 11.2 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 56.688 ng

RT: 10.239 min Scan# 1199

Delta R.T. 0.012 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

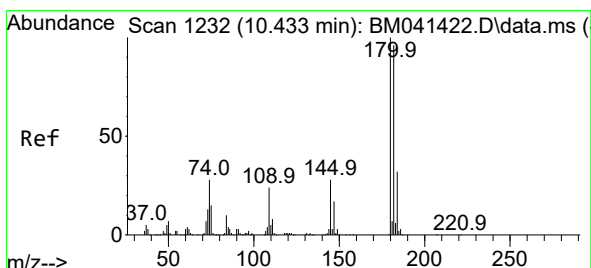
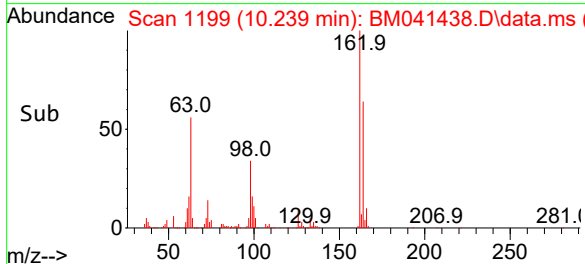
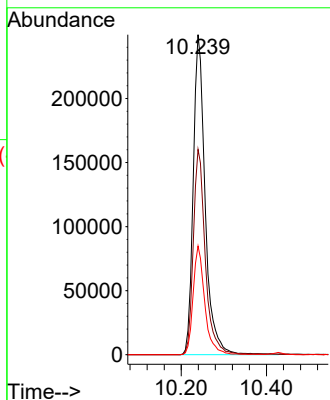
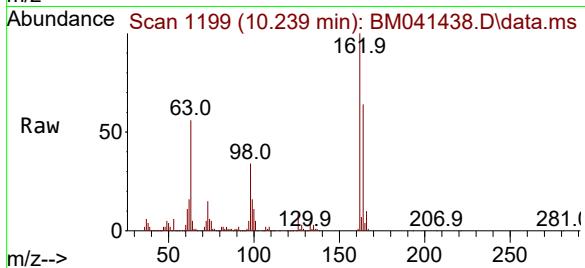
Tgt Ion:162 Resp: 486644

Ion Ratio Lower Upper

162 100

164 64.2 44.6 84.6

98 33.9 14.6 54.6



#30

1,2,4-Trichlorobenzene

Concen: 53.179 ng

RT: 10.428 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

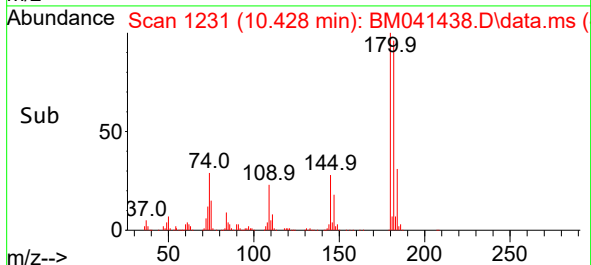
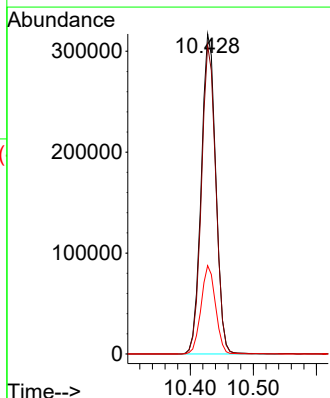
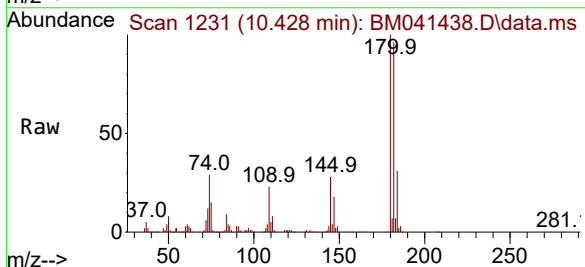
Tgt Ion:180 Resp: 506890

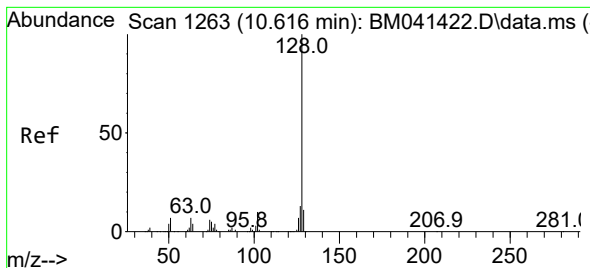
Ion Ratio Lower Upper

180 100

182 96.4 76.6 114.8

145 27.6 22.4 33.6

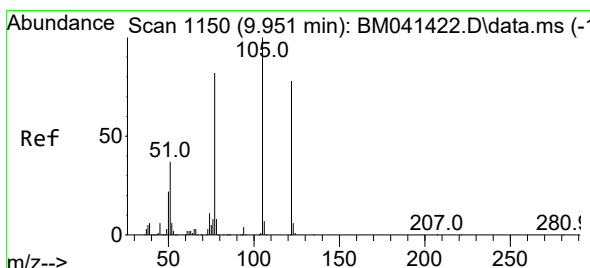
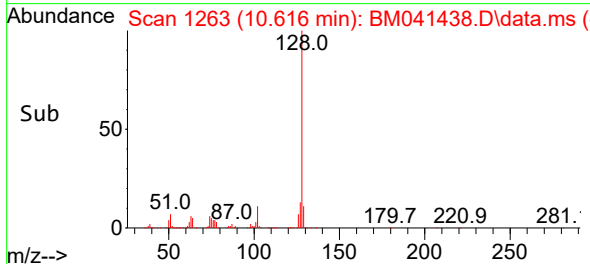
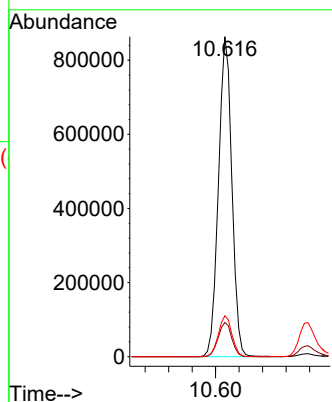
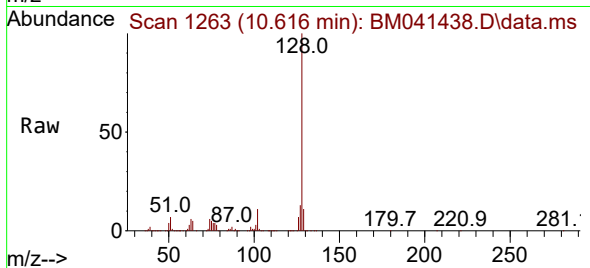




#31
Naphthalene
Concen: 49.270 ng
RT: 10.616 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

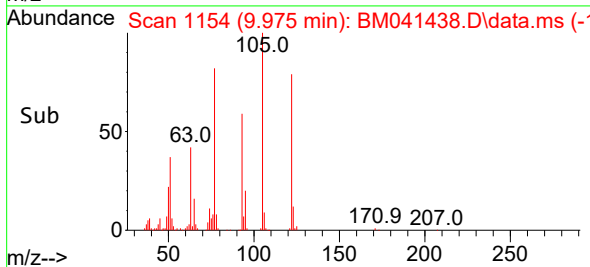
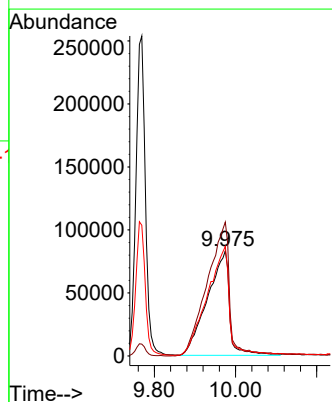
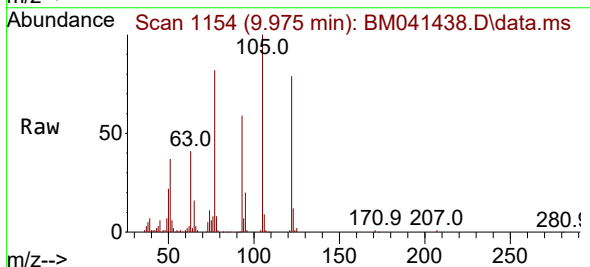
Instrument :
BNA_M
ClientSampleId :
PB154898BS

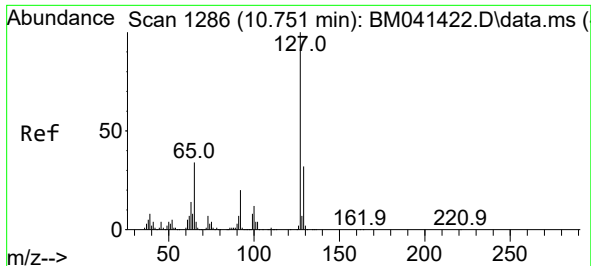
Tgt Ion:128 Resp: 1364956
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 49.771 ng
RT: 9.975 min Scan# 1154
Delta R.T. 0.024 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:122 Resp: 313238
Ion Ratio Lower Upper
122 100
105 127.4 107.1 147.1
77 104.3 84.8 124.8

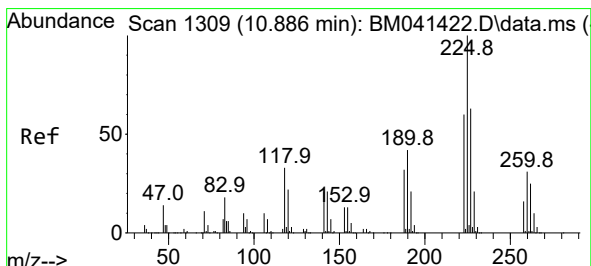
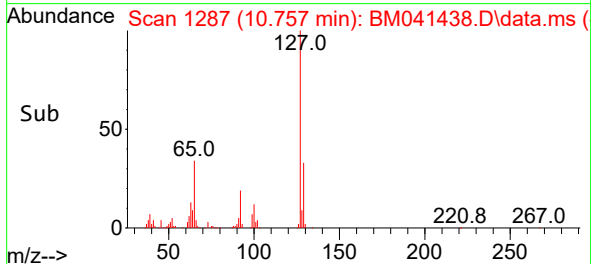
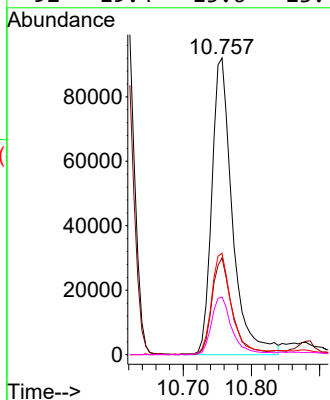
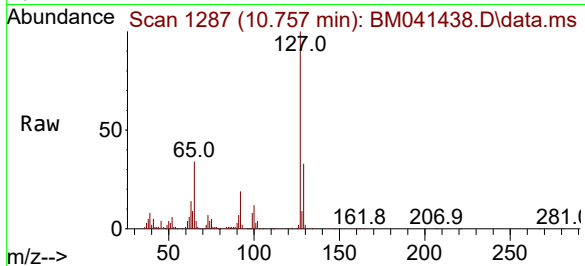




#33
4-Chloroaniline
Concen: 16.536 ng
RT: 10.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

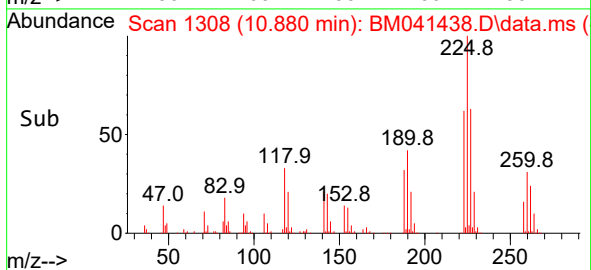
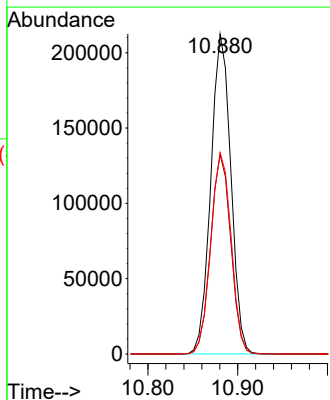
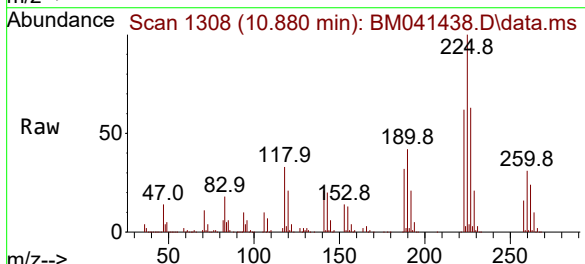
Instrument :
BNA_M
ClientSampleId :
PB154898BS

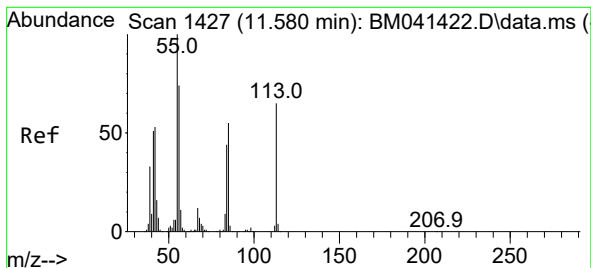
Tgt Ion:	127	Resp:	193407
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.4	38.2
65	34.1	27.1	40.7
92	19.4	15.6	23.4



#34
Hexachlorobutadiene
Concen: 52.250 ng
RT: 10.880 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:	225	Resp:	329365
Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.1	72.1
227	62.9	50.4	75.6





#35

Caprolactam

Concen: 51.861 ng

RT: 11.586 min Scan# 1427

Delta R.T. 0.006 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

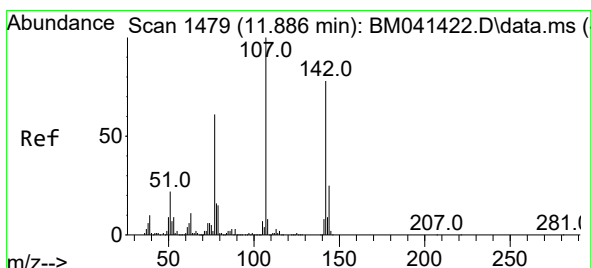
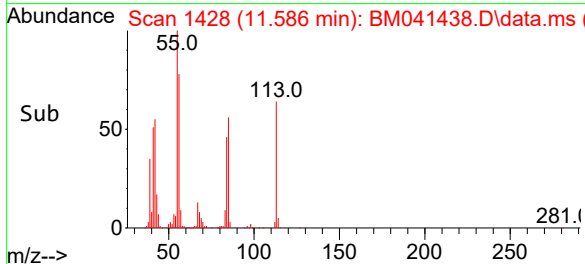
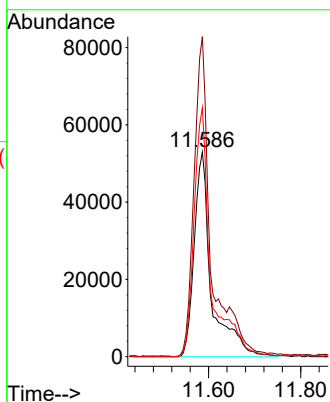
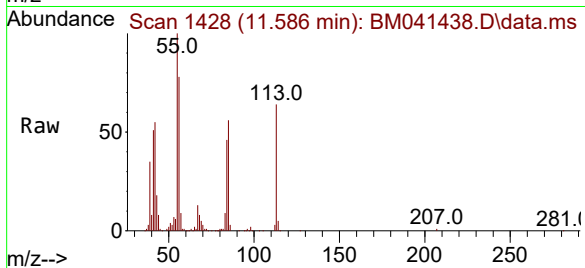
Tgt Ion:113 Resp: 138016

Ion Ratio Lower Upper

113 100

55 156.3 135.3 175.3

56 121.6 94.4 134.4



#36

4-Chloro-3-methylphenol

Concen: 52.911 ng

RT: 11.904 min Scan# 1482

Delta R.T. 0.018 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

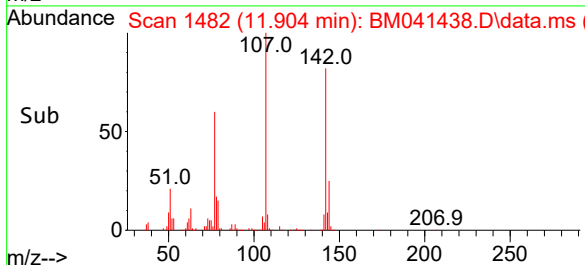
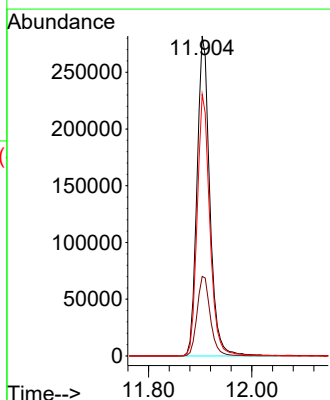
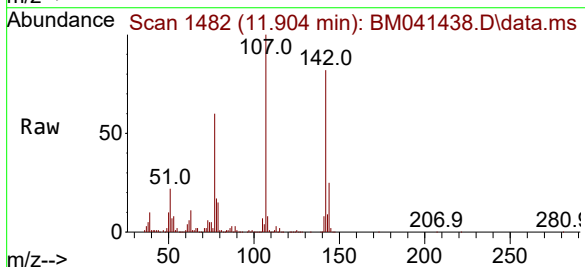
Tgt Ion:107 Resp: 483403

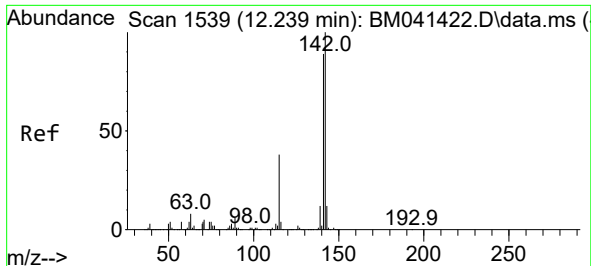
Ion Ratio Lower Upper

107 100

144 24.8 20.3 30.5

142 81.8 62.7 94.1

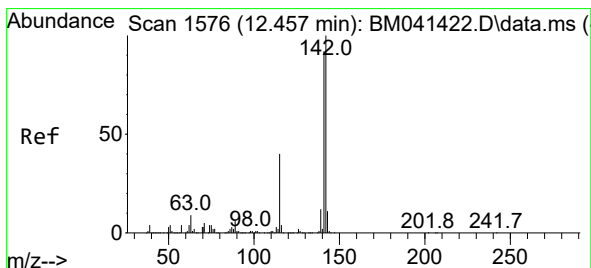
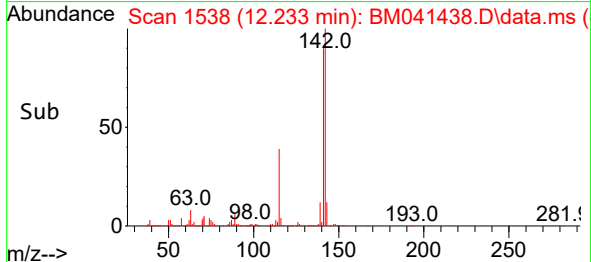
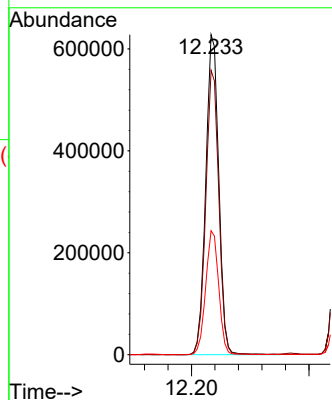
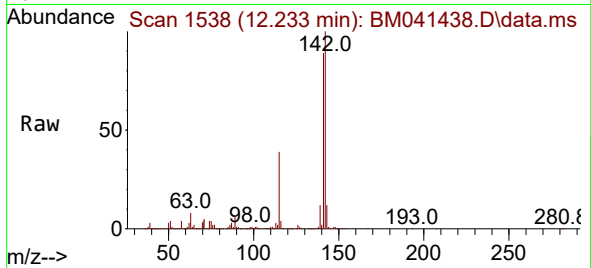




#37
2-Methylnaphthalene
Concen: 47.880 ng
RT: 12.233 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

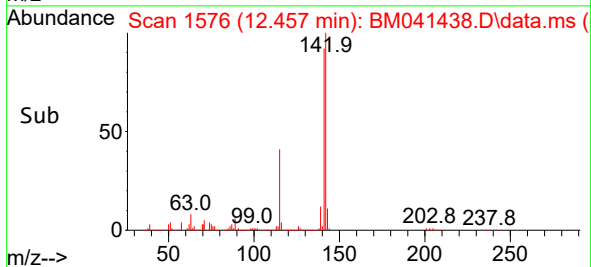
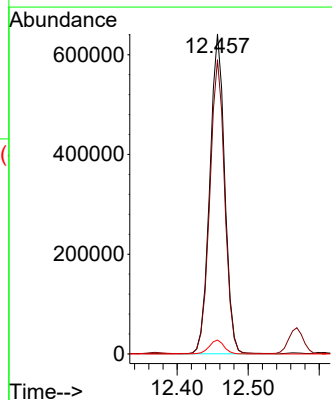
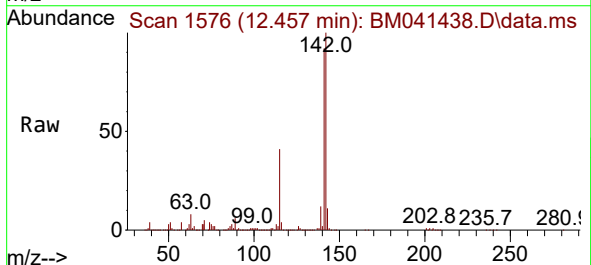
Instrument :
BNA_M
ClientSampleId :
PB154898BS

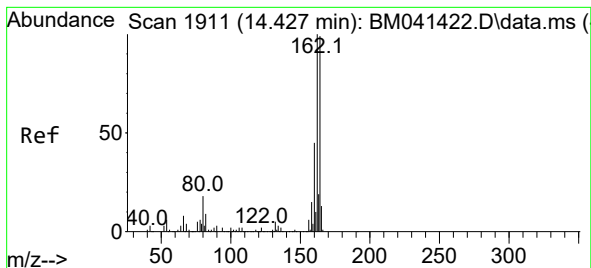
Tgt Ion:142 Resp: 965190
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0
115 38.8 30.8 46.2



#38
1-Methylnaphthalene
Concen: 49.078 ng
RT: 12.457 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:142 Resp: 934672
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9
116 4.4 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1911

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

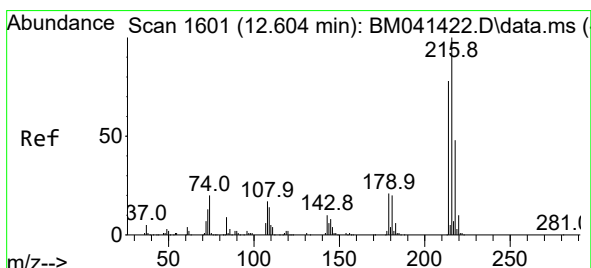
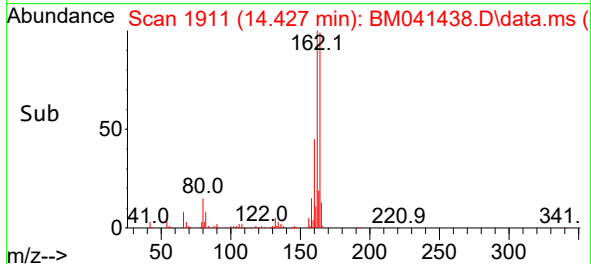
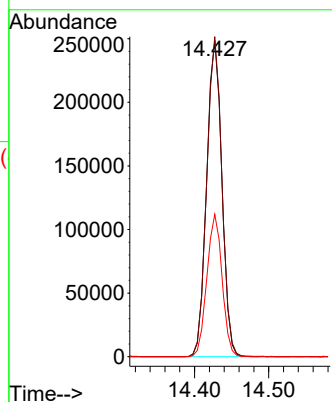
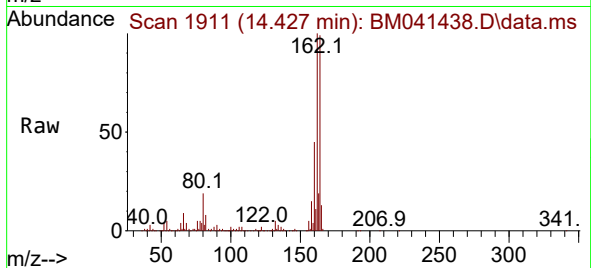
Tgt Ion:164 Resp: 355744

Ion Ratio Lower Upper

164 100

162 101.2 80.4 120.6

160 45.0 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.911 ng

RT: 12.604 min Scan# 1601

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Tgt Ion:216 Resp: 602500

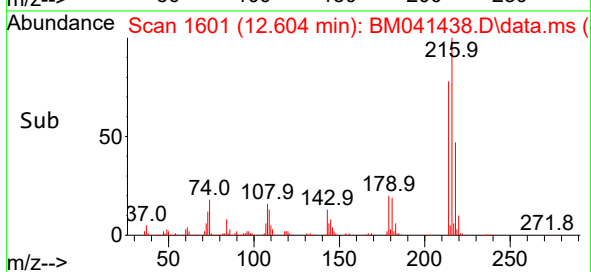
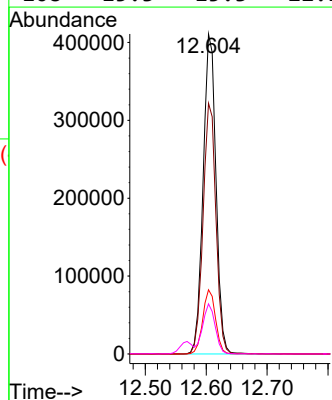
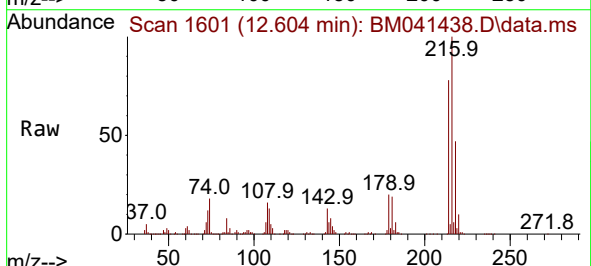
Ion Ratio Lower Upper

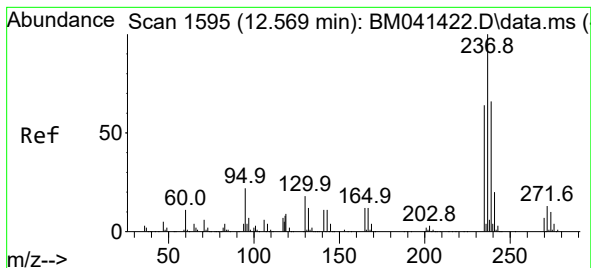
216 100

214 78.7 62.4 93.6

179 20.0 16.2 24.4

108 15.3 15.3 22.9

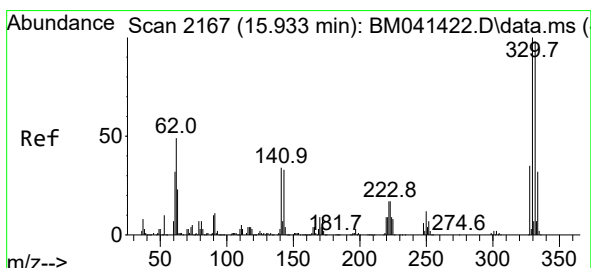
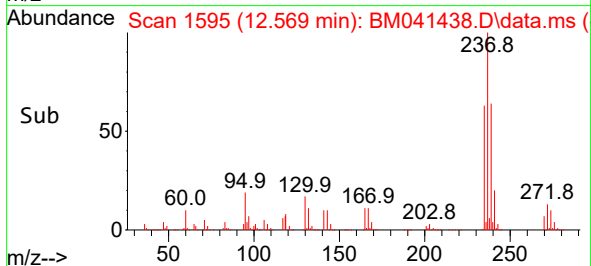
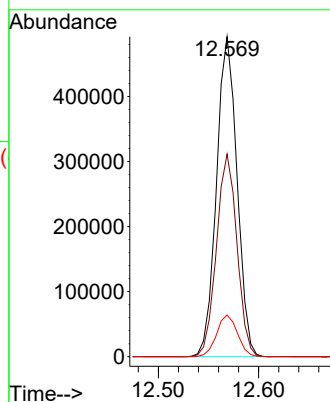
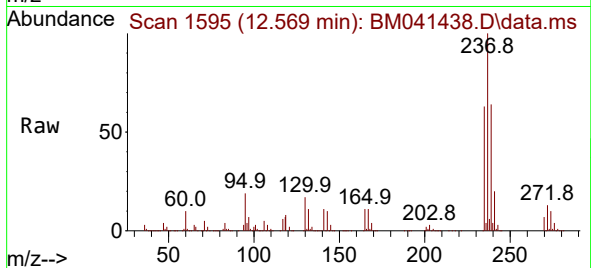




#41
Hexachlorocyclopentadiene
Concen: 108.142 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

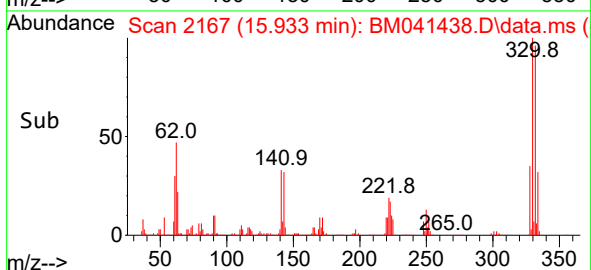
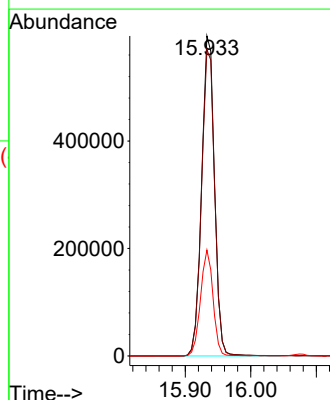
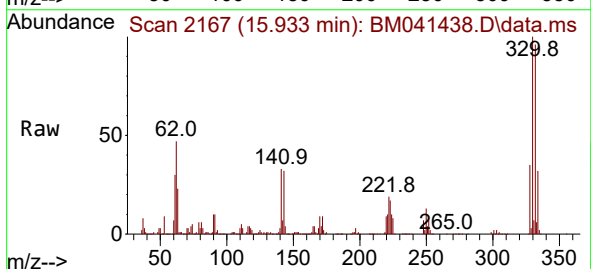
Instrument :
BNA_M
ClientSampleId :
PB154898BS

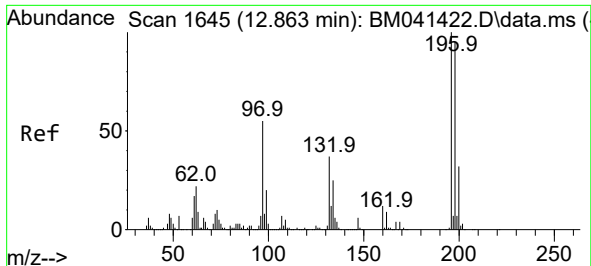
Tgt Ion:237 Resp: 698396
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 13.0 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 144.238 ng
RT: 15.933 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:330 Resp: 814288
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 32.2 28.3 42.5

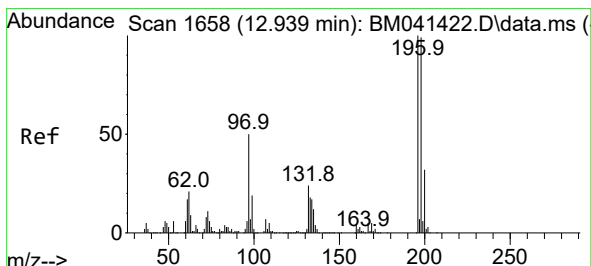
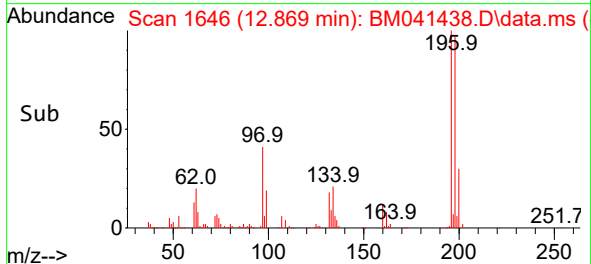
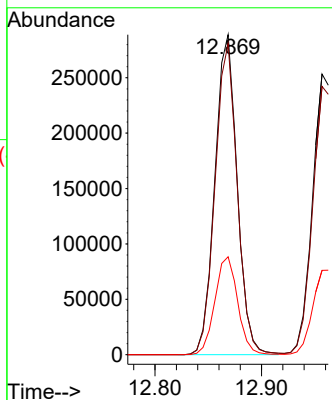
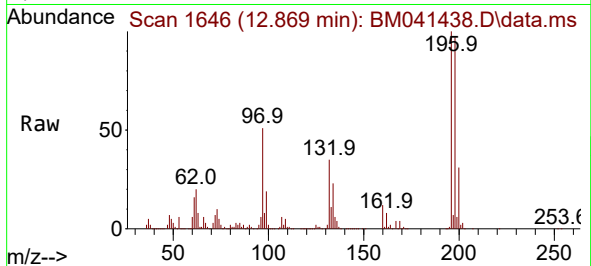




#43
2,4,6-Trichlorophenol
Concen: 53.945 ng
RT: 12.869 min Scan# 1661
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

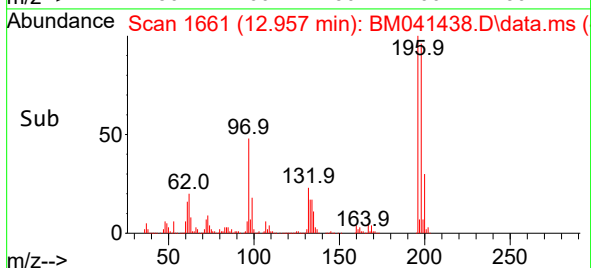
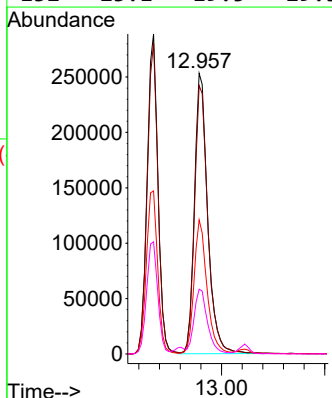
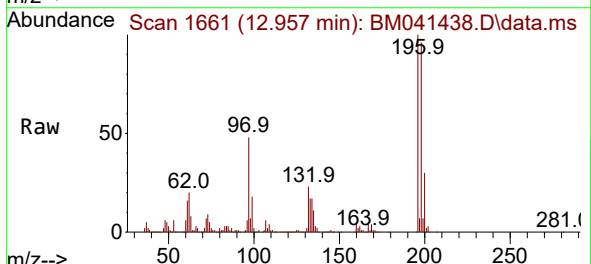
Instrument :
BNA_M
ClientSampleId :
PB154898BS

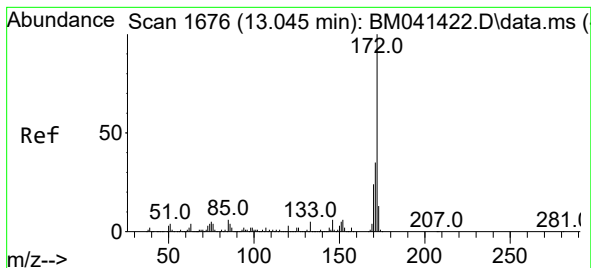
Tgt Ion:196 Resp: 419023
Ion Ratio Lower Upper
196 100
198 97.3 75.9 113.9
200 30.6 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 50.236 ng
RT: 12.957 min Scan# 1661
Delta R.T. 0.018 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:196 Resp: 451733
Ion Ratio Lower Upper
196 100
198 95.6 79.1 118.7
97 47.8 39.9 59.9
132 23.1 19.5 29.3





#45

2-Fluorobiphenyl

Concen: 95.094 ng

RT: 13.045 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

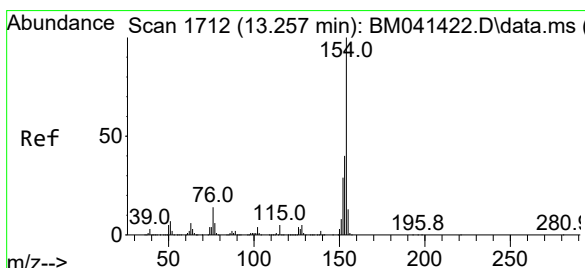
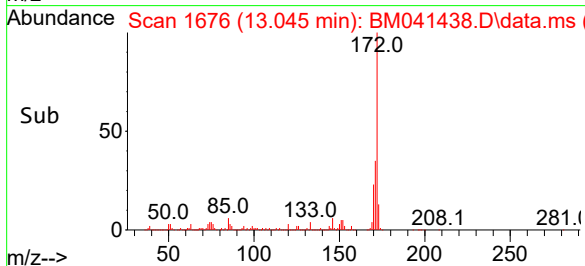
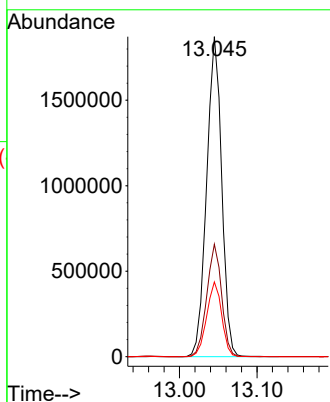
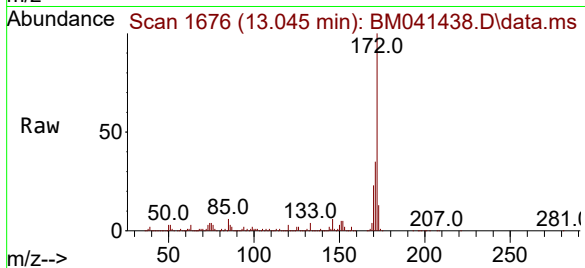
Tgt Ion:172 Resp: 2524531

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 19.0 28.6



#46

1,1'-Biphenyl

Concen: 49.570 ng

RT: 13.257 min Scan# 1712

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

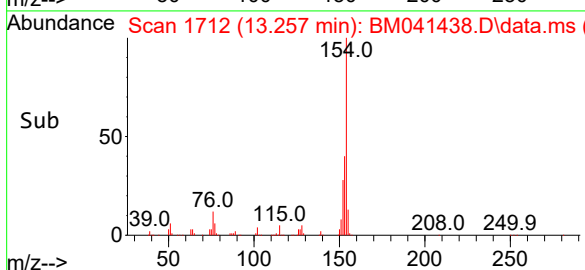
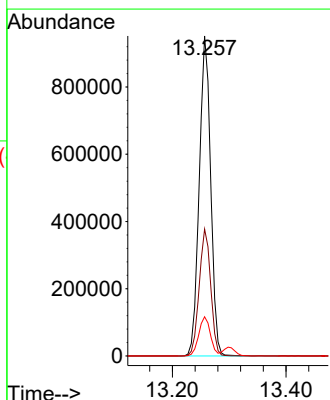
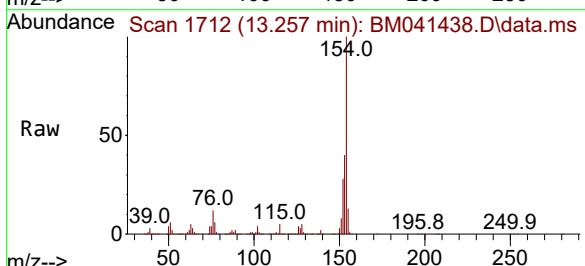
Tgt Ion:154 Resp: 1330825

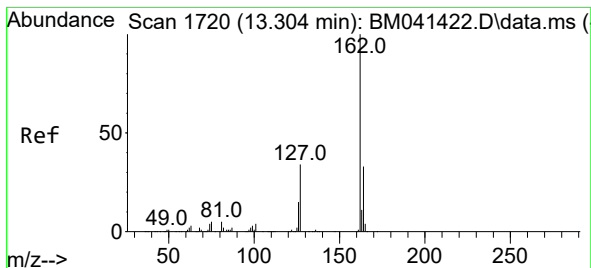
Ion Ratio Lower Upper

154 100

153 39.6 20.4 60.4

76 12.2 0.0 33.6

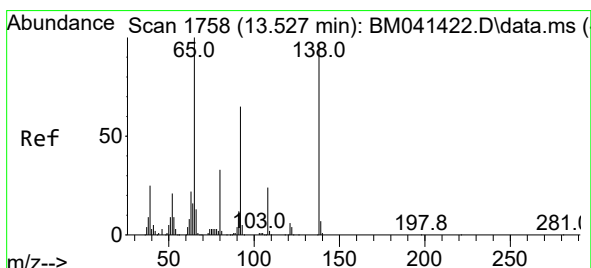
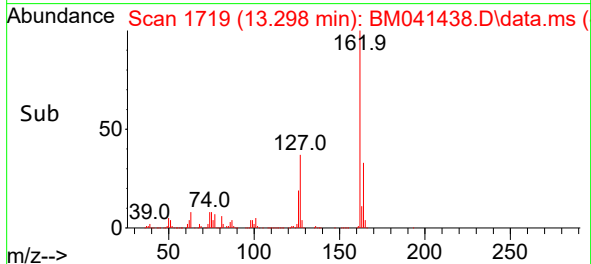
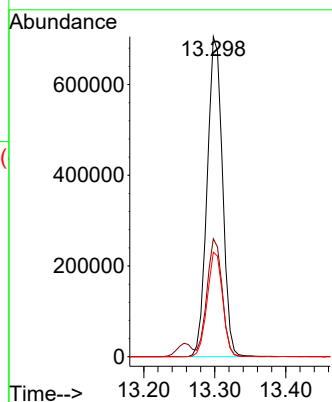
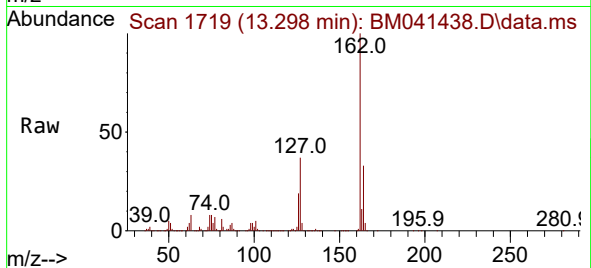




#47
2-Chloronaphthalene
Concen: 51.377 ng
RT: 13.298 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

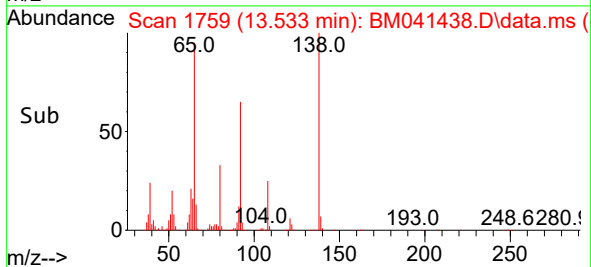
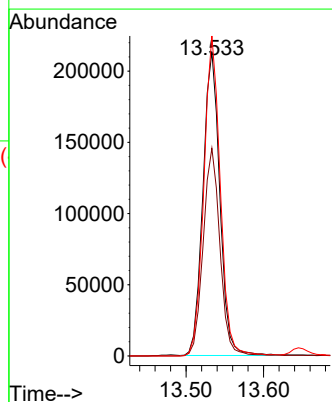
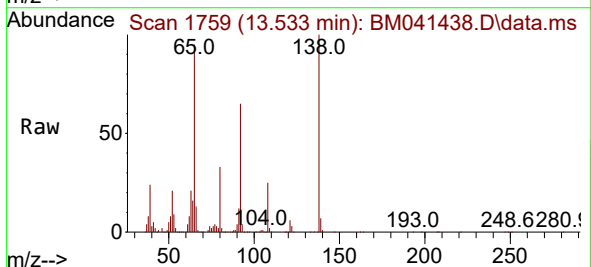
Instrument :
BNA_M
ClientSampleId :
PB154898BS

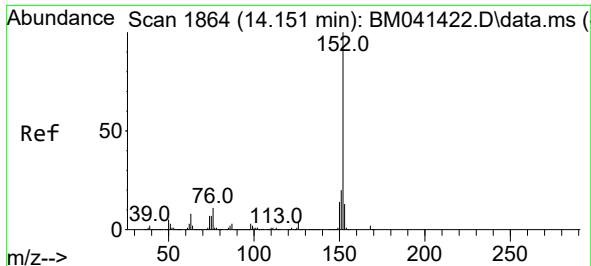
Tgt Ion:162 Resp: 1060146
Ion Ratio Lower Upper
162 100
127 36.8 29.6 44.4
164 32.6 26.2 39.2



#48
2-Nitroaniline
Concen: 47.716 ng
RT: 13.533 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion: 65 Resp: 321717
Ion Ratio Lower Upper
65 100
92 68.2 51.9 77.9
138 105.2 76.8 115.2

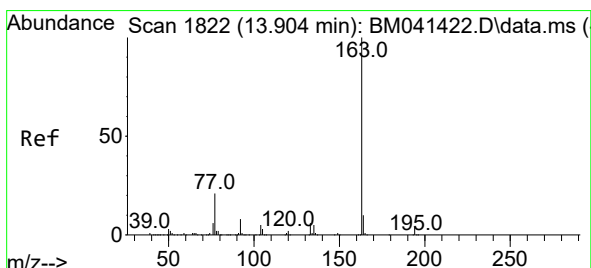
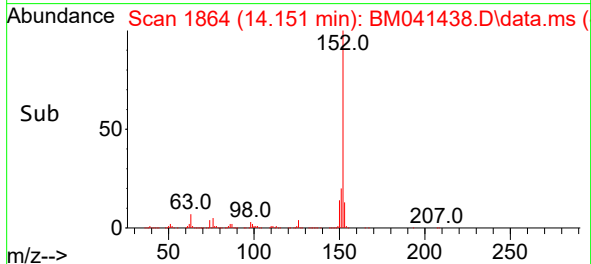
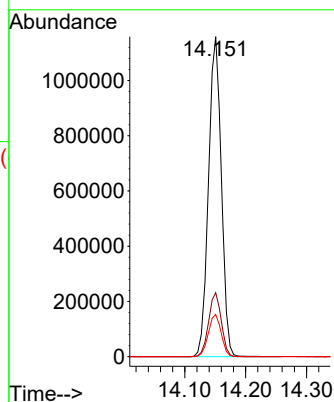
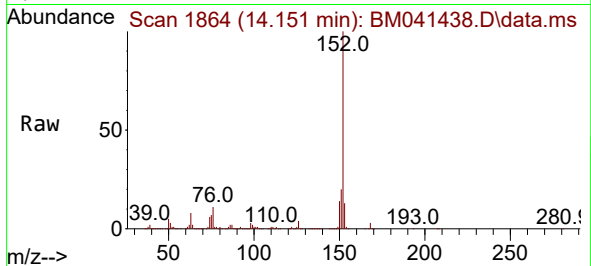




#49
Acenaphthylene
Concen: 50.601 ng
RT: 14.151 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

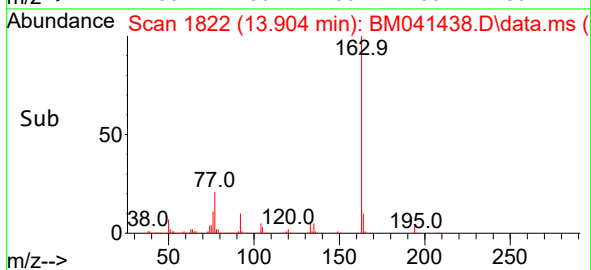
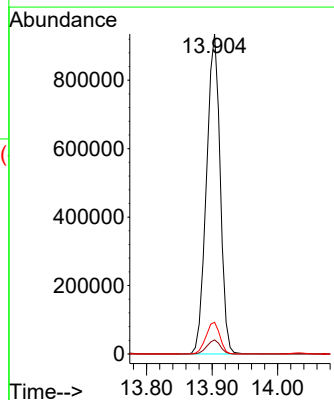
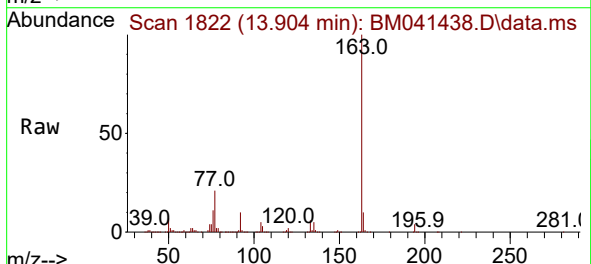
Instrument :
BNA_M
ClientSampleId :
PB154898BS

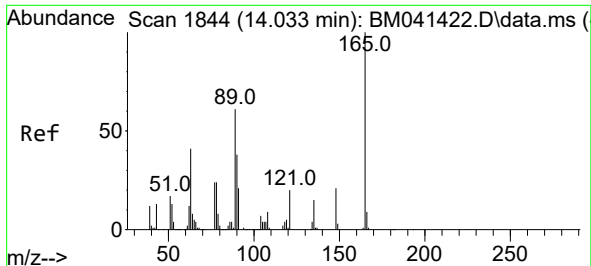
Tgt Ion:152 Resp: 1691985
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.2 10.2 15.2



#50
Dimethylphthalate
Concen: 48.886 ng
RT: 13.904 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:163 Resp: 1357982
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 9.9 8.1 12.1

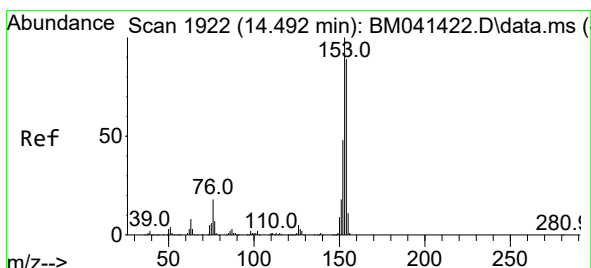
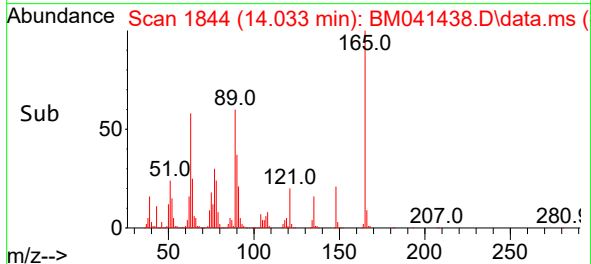
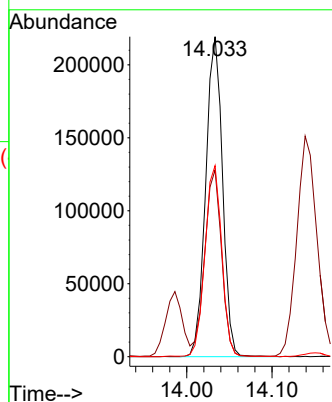
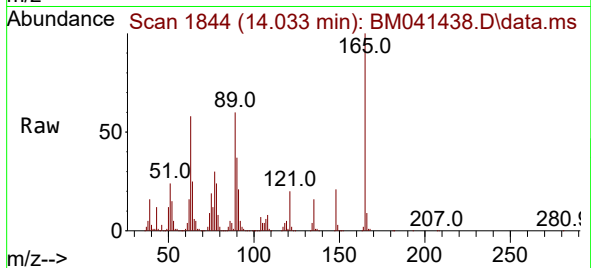




#51
2,6-Dinitrotoluene
Concen: 50.376 ng
RT: 14.033 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

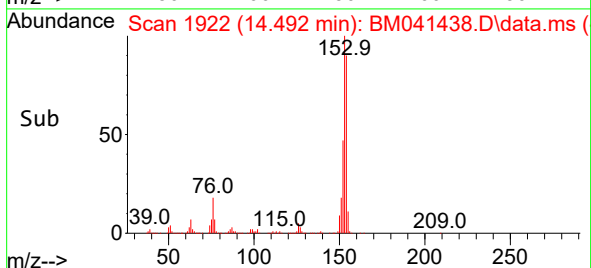
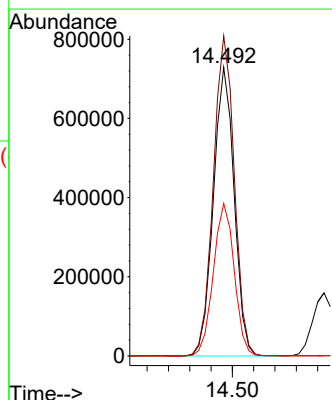
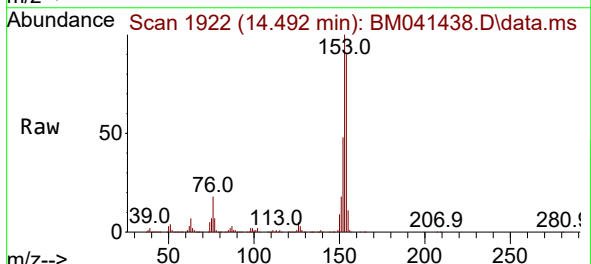
Instrument :
BNA_M
ClientSampleId :
PB154898BS

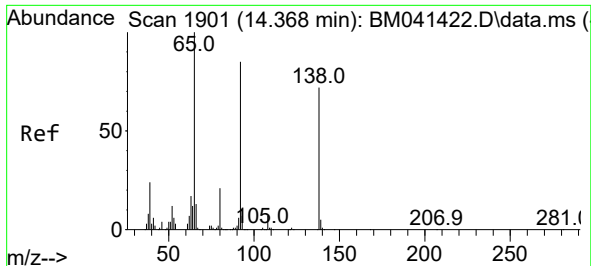
Tgt Ion:165 Resp: 299901
Ion Ratio Lower Upper
165 100
63 58.4 49.5 74.3
89 59.7 49.4 74.0



#52
Acenaphthene
Concen: 49.268 ng
RT: 14.492 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:154 Resp: 985303
Ion Ratio Lower Upper
154 100
153 110.9 90.4 135.6
152 52.8 43.1 64.7

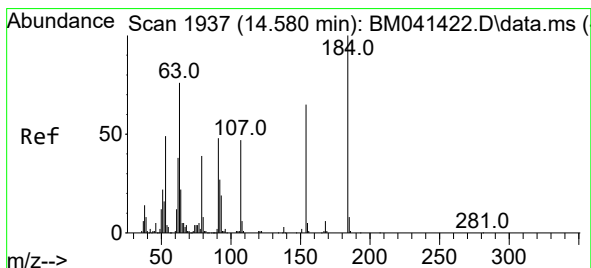
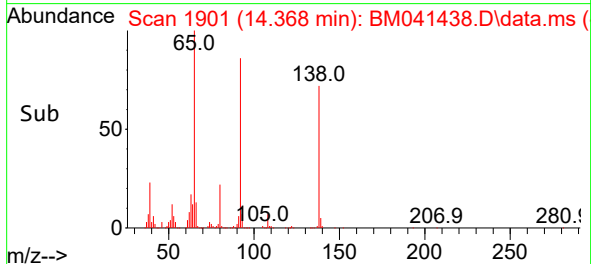
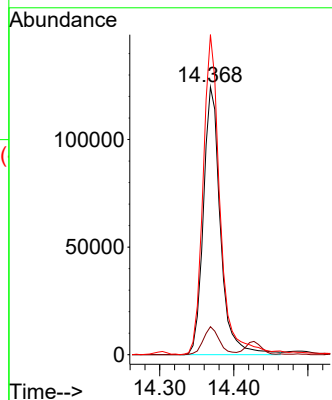
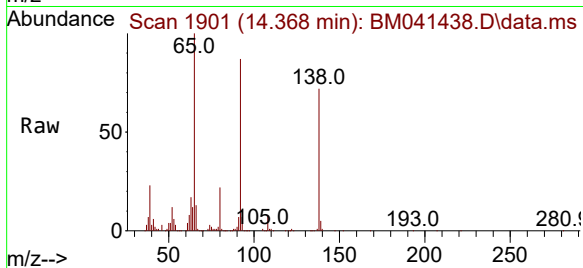




#53
3-Nitroaniline
Concen: 33.550 ng
RT: 14.368 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

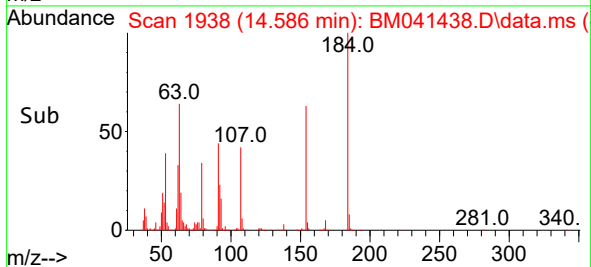
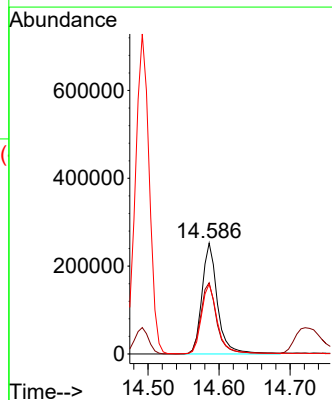
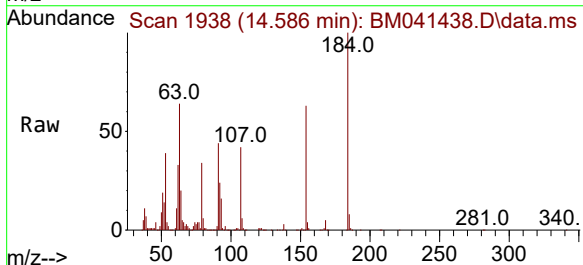
Instrument :
BNA_M
ClientSampleId :
PB154898BS

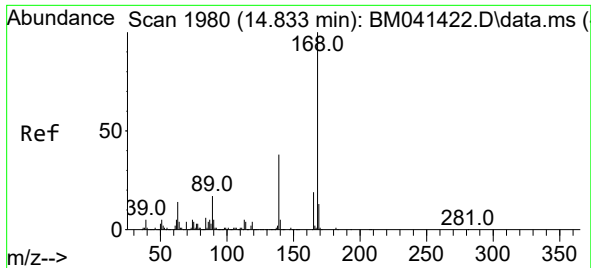
Tgt Ion:138 Resp: 199191
Ion Ratio Lower Upper
138 100
108 10.5 7.9 11.9
92 119.6 95.1 142.7



#54
2,4-Dinitrophenol
Concen: 103.347 ng
RT: 14.586 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:184 Resp: 384832
Ion Ratio Lower Upper
184 100
63 64.2 61.1 91.7
154 63.0 52.4 78.6

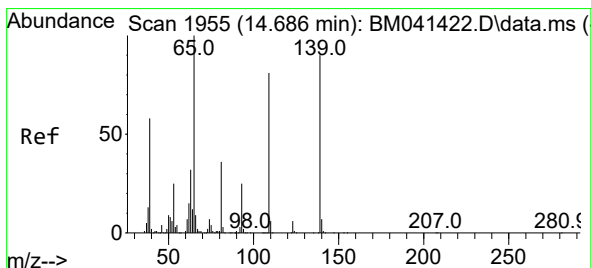
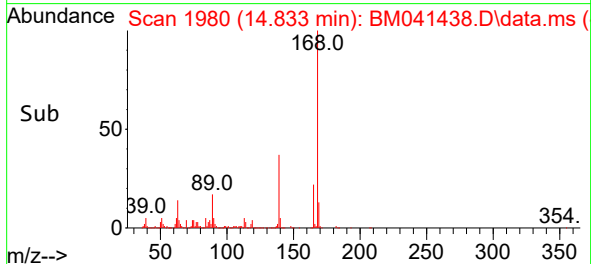
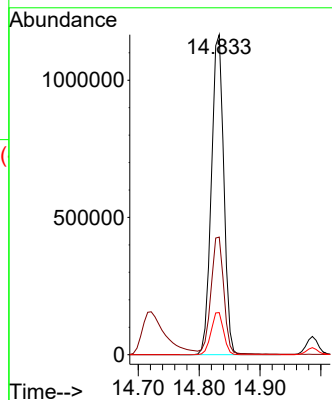
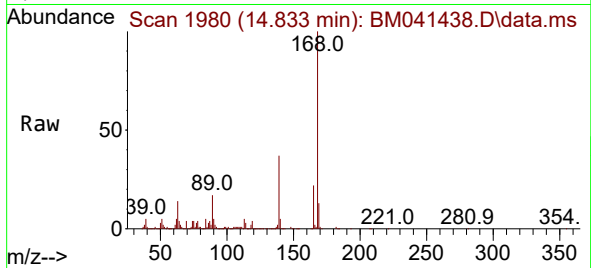




#55
Dibenzenofuran
Concen: 49.205 ng
RT: 14.833 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

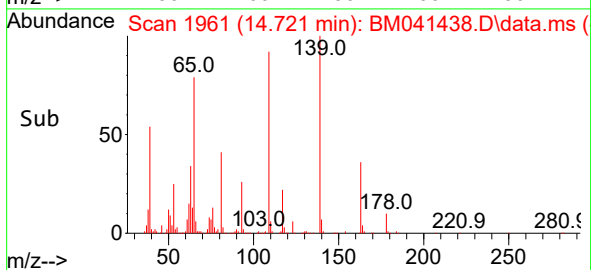
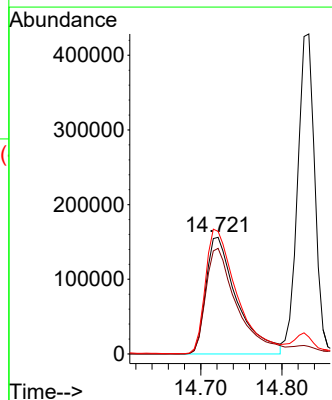
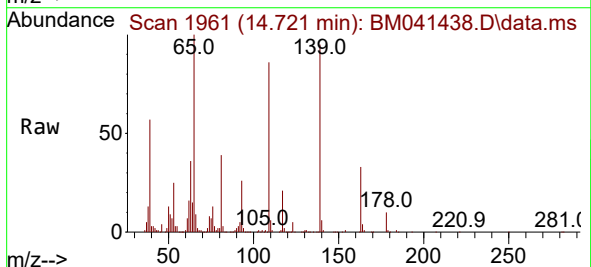
Instrument :
BNA_M
ClientSampleId :
PB154898BS

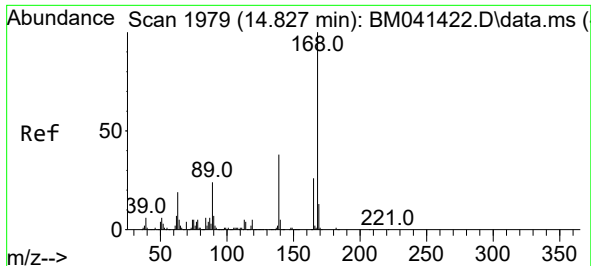
Tgt Ion:168 Resp: 1650133
Ion Ratio Lower Upper
168 100
139 36.8 30.2 45.2
169 13.1 10.5 15.7



#56
4-Nitrophenol
Concen: 93.317 ng
RT: 14.721 min Scan# 1961
Delta R.T. 0.035 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:139 Resp: 417194
Ion Ratio Lower Upper
139 100
109 90.5 70.6 110.6
65 105.1 91.8 131.8

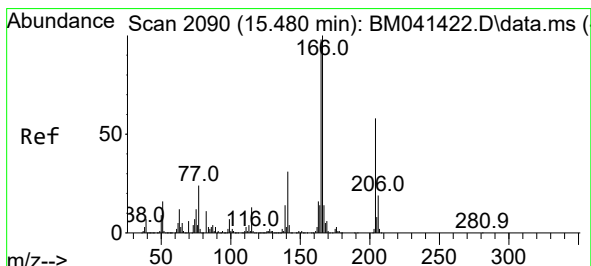
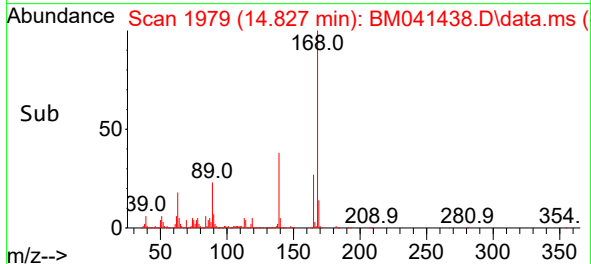
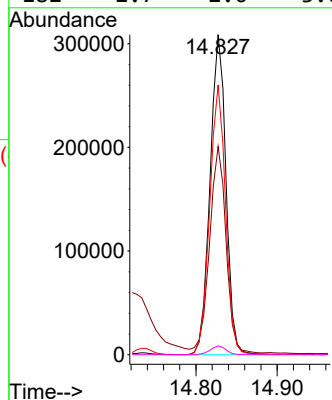
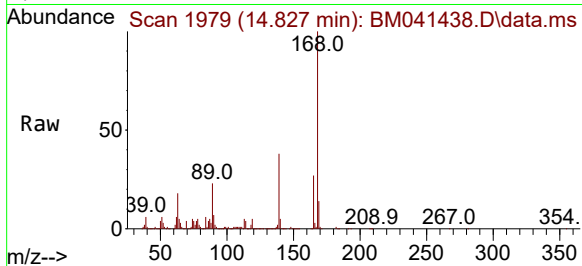




#57
2,4-Dinitrotoluene
Concen: 51.583 ng
RT: 14.827 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

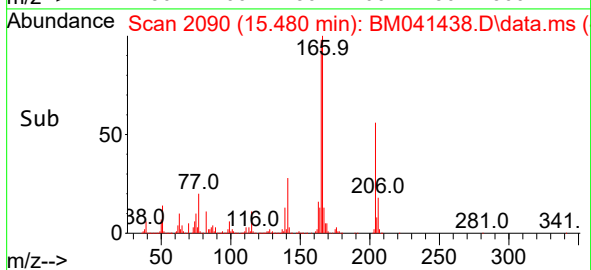
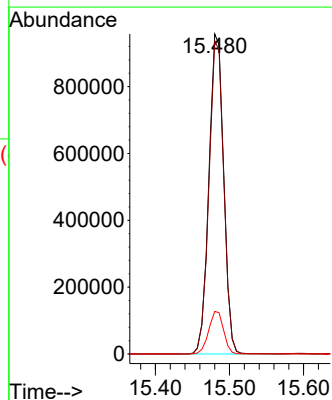
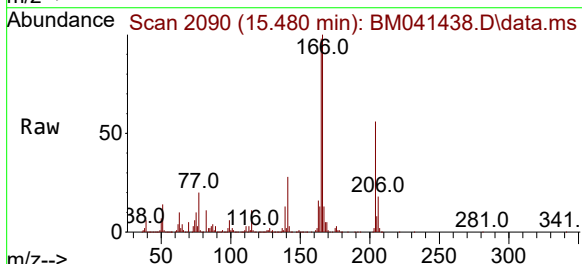
Instrument :
BNA_M
ClientSampleId :
PB154898BS

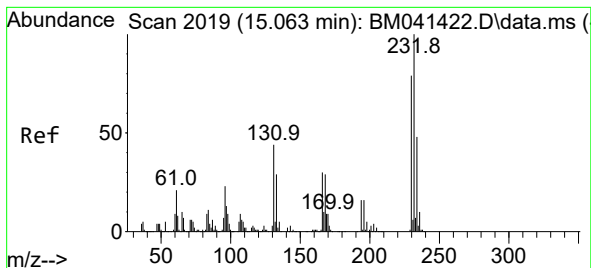
Tgt Ion:165 Resp: 419681
Ion Ratio Lower Upper
165 100
63 65.0 56.8 85.2
89 84.2 73.4 110.0
182 2.7 2.0 3.0



#58
Fluorene
Concen: 49.455 ng
RT: 15.480 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:166 Resp: 1329157
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.4
167 13.3 11.2 16.8

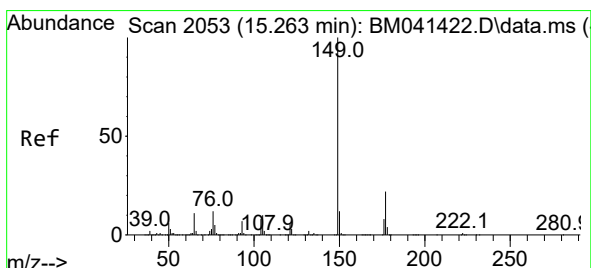
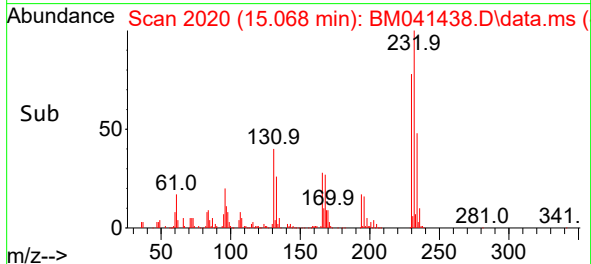
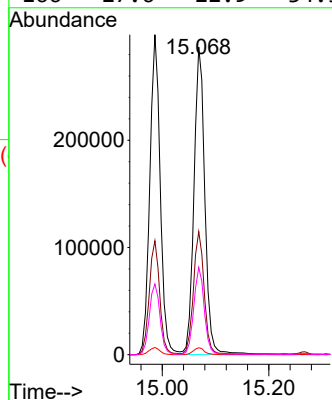
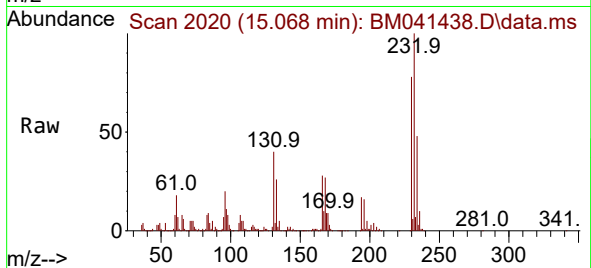




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.255 ng
RT: 15.068 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

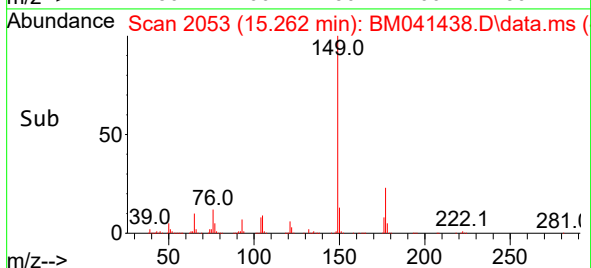
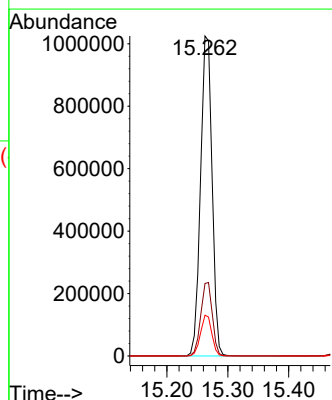
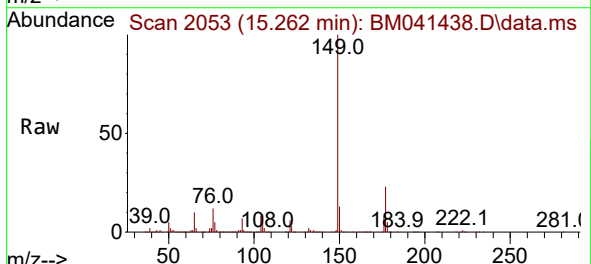
Instrument :
BNA_M
ClientSampleId :
PB154898BS

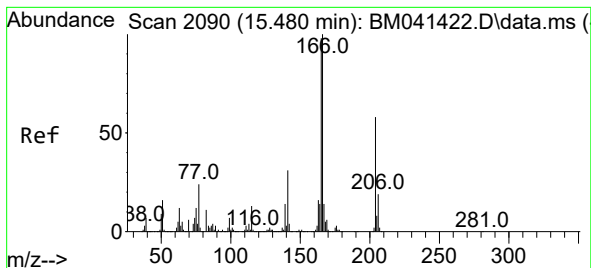
Tgt Ion:232 Resp: 406991
Ion Ratio Lower Upper
232 100
131 39.8 34.7 52.1
130 2.3 1.9 2.9
166 27.6 22.9 34.3



#60
Diethylphthalate
Concen: 48.488 ng
RT: 15.262 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:149 Resp: 1345745
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.8 9.8 14.8

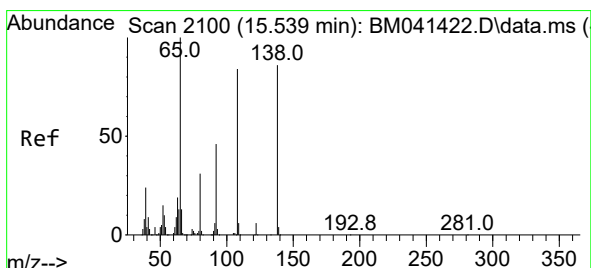
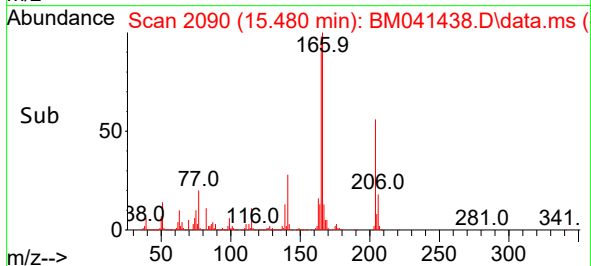
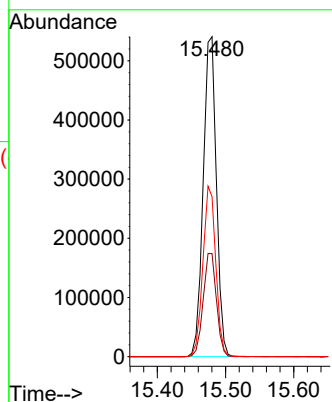
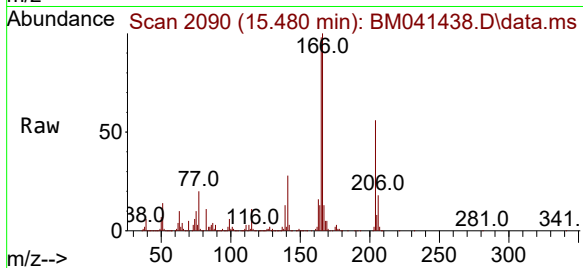




#61
4-Chlorophenyl-phenylether
Concen: 50.191 ng
RT: 15.480 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

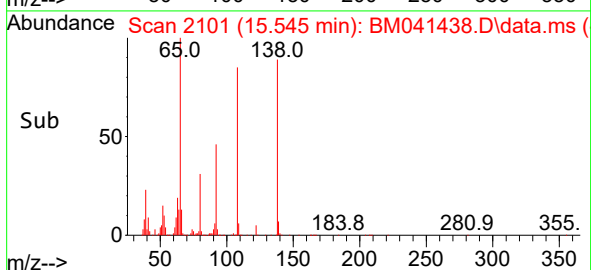
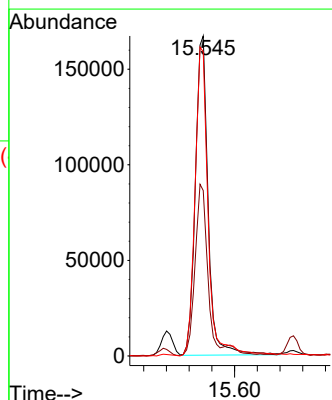
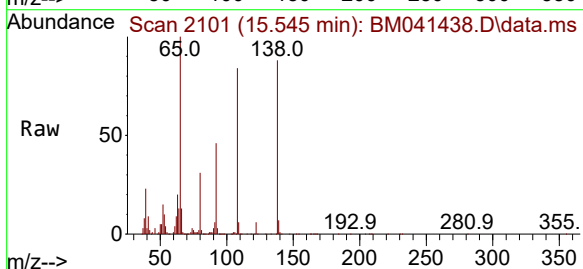
Instrument :
BNA_M
ClientSampleId :
PB154898BS

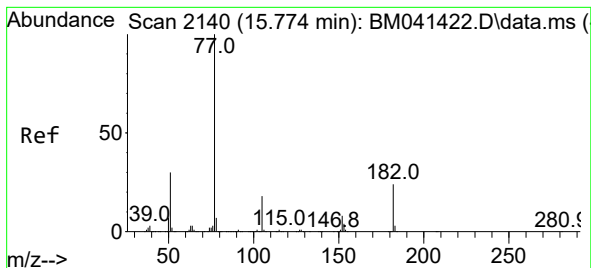
Tgt Ion:204 Resp: 727260
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 50.0 42.9 64.3



#62
4-Nitroaniline
Concen: 48.391 ng
RT: 15.545 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:138 Resp: 262095
Ion Ratio Lower Upper
138 100
92 51.7 33.5 73.5
108 95.1 76.6 116.6





#63

Azobenzene

Concen: 46.518 ng

RT: 15.774 min Scan# 2140

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

Tgt Ion: 77 Resp: 1300798

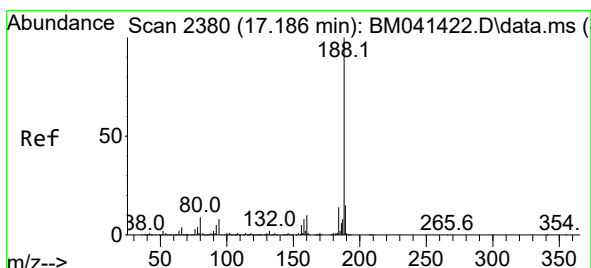
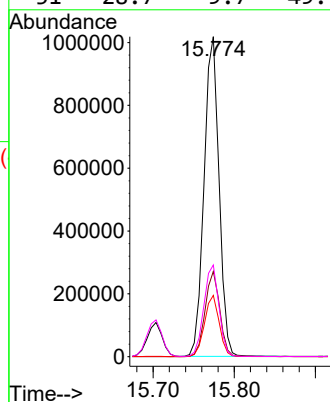
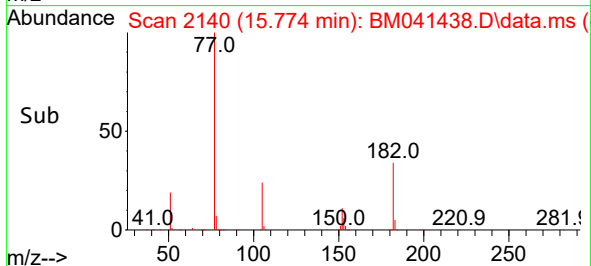
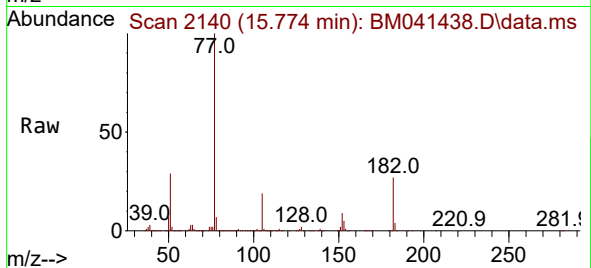
Ion Ratio Lower Upper

77 100

182 26.6 3.7 43.7

105 19.1 0.0 37.7

51 28.7 9.7 49.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 2380

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

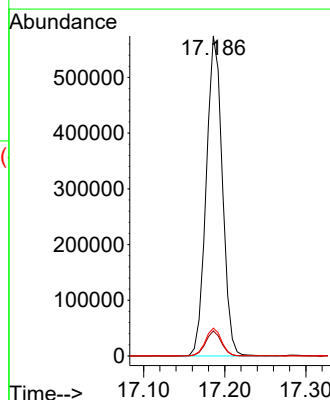
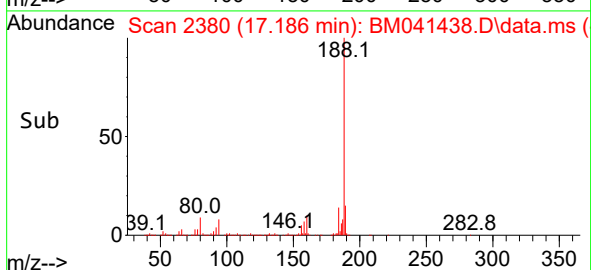
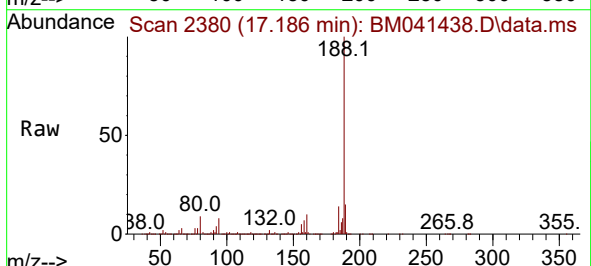
Tgt Ion: 188 Resp: 790488

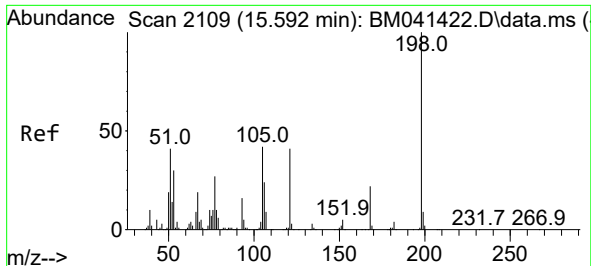
Ion Ratio Lower Upper

188 100

94 7.8 6.6 9.8

80 8.7 7.5 11.3

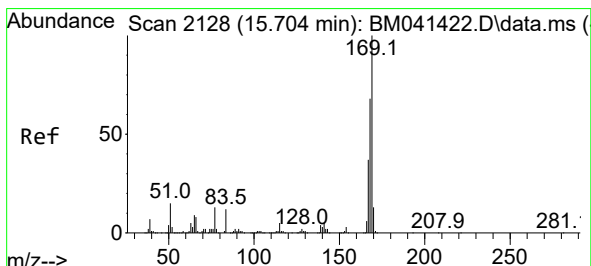
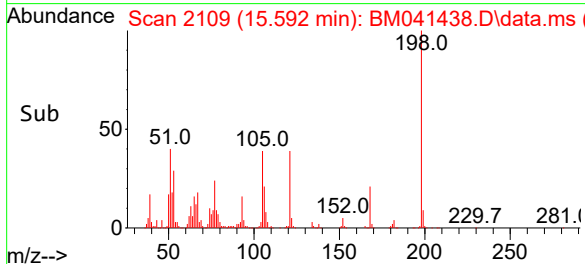
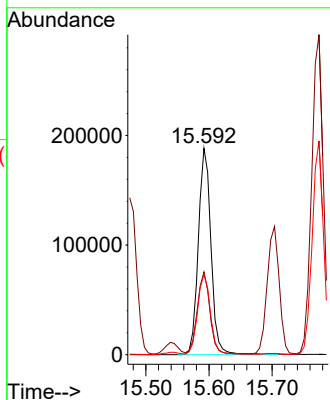
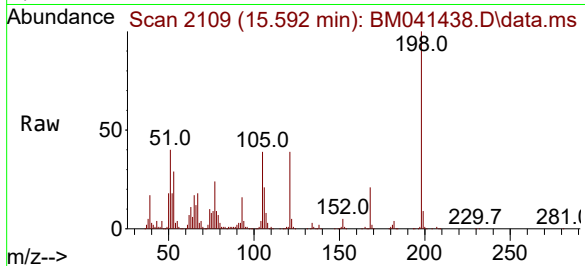




#65
4,6-Dinitro-2-methylphenol
Concen: 51.819 ng
RT: 15.592 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

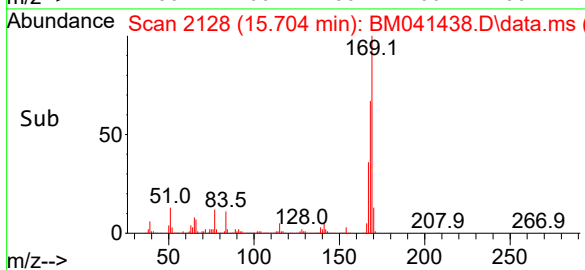
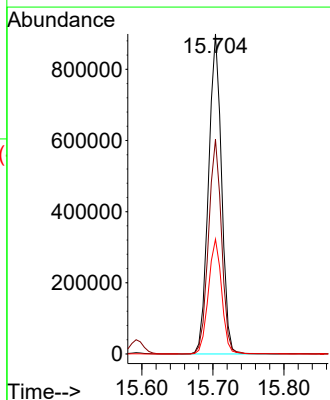
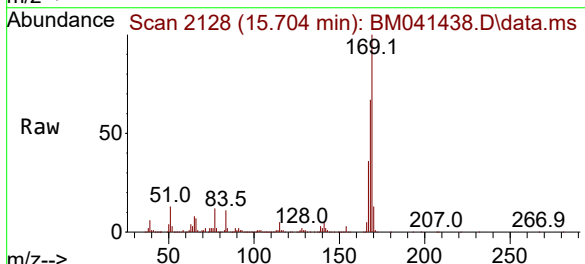
Instrument :
BNA_M
ClientSampleId :
PB154898BS

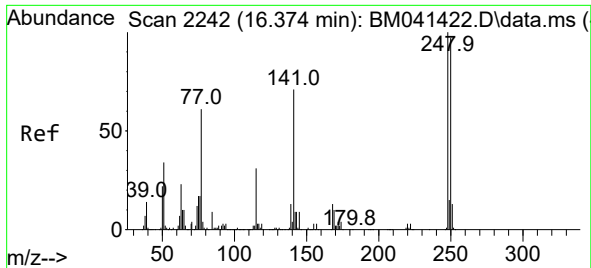
Tgt Ion:198 Resp: 262217
Ion Ratio Lower Upper
198 100
51 40.1 23.2 63.2
105 38.9 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 49.248 ng
RT: 15.704 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:169 Resp: 1145961
Ion Ratio Lower Upper
169 100
168 67.0 54.5 81.7
167 35.8 29.9 44.9

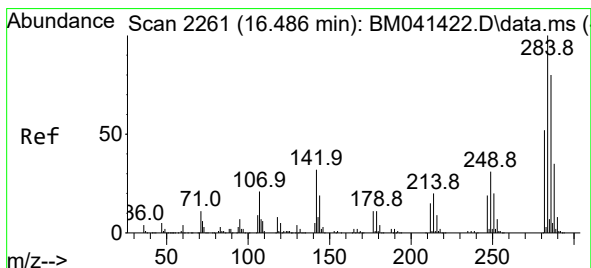
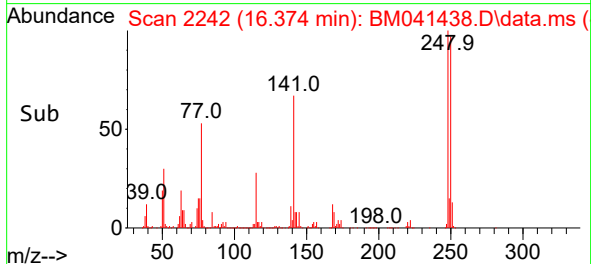
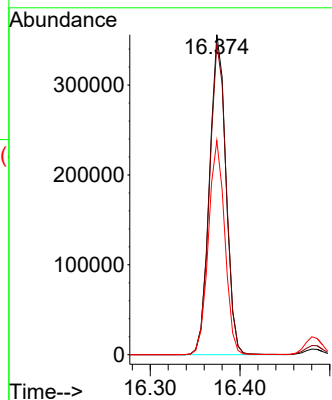
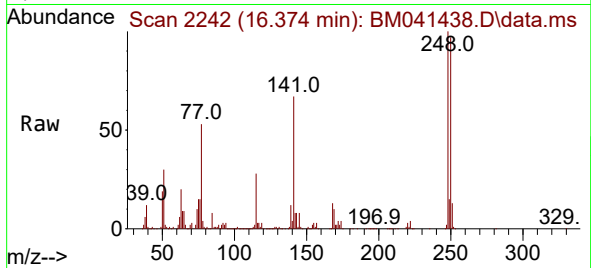




#67
4-Bromophenyl-phenylether
Concen: 50.020 ng
RT: 16.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

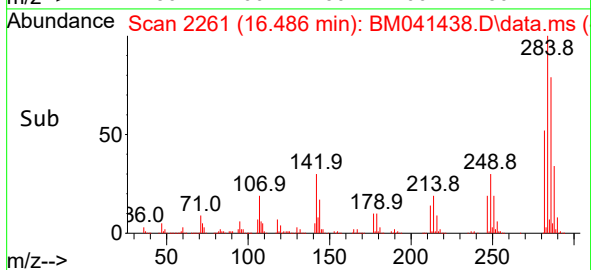
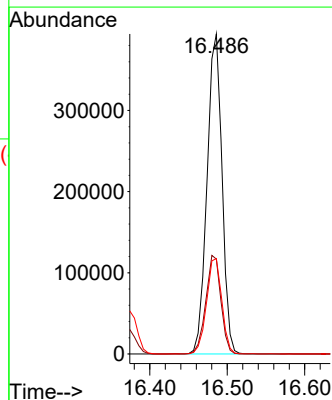
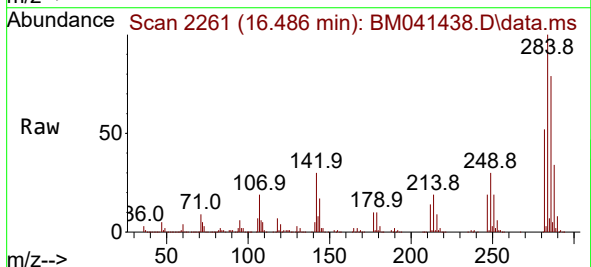
Instrument :
BNA_M
ClientSampleId :
PB154898BS

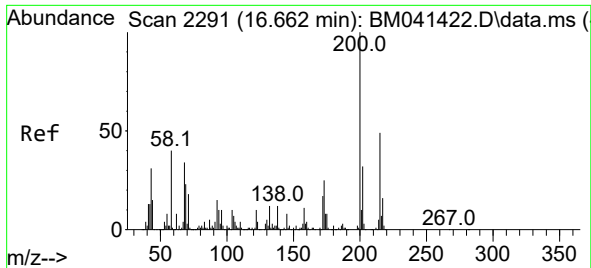
Tgt Ion:248 Resp: 453115
Ion Ratio Lower Upper
248 100
250 97.2 77.6 116.4
141 66.9 56.7 85.1



#68
Hexachlorobenzene
Concen: 53.473 ng
RT: 16.486 min Scan# 2261
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:284 Resp: 528614
Ion Ratio Lower Upper
284 100
142 29.7 25.4 38.2
249 29.8 24.4 36.6

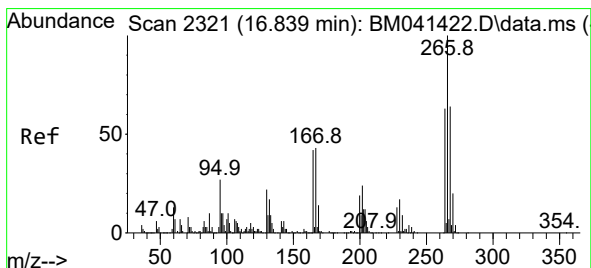
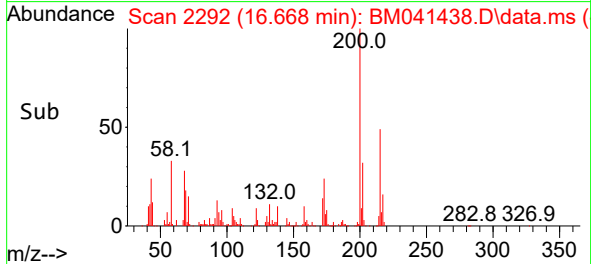
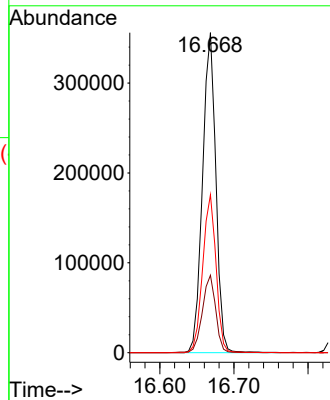
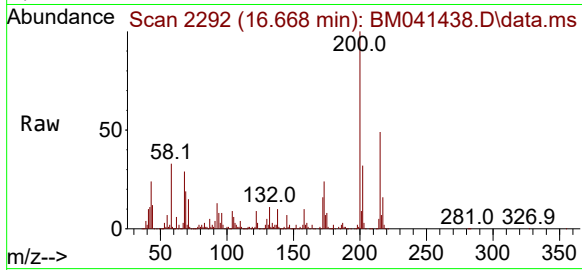




#69
 Atrazine
 Concen: 67.369 ng
 RT: 16.668 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM041438.D
 Acq: 17 Aug 2023 17:33

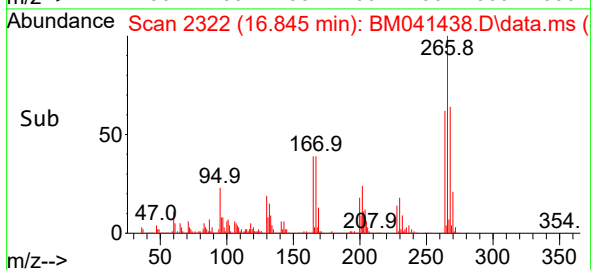
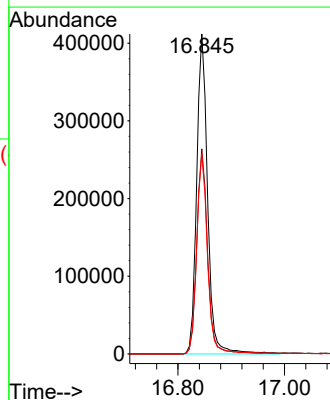
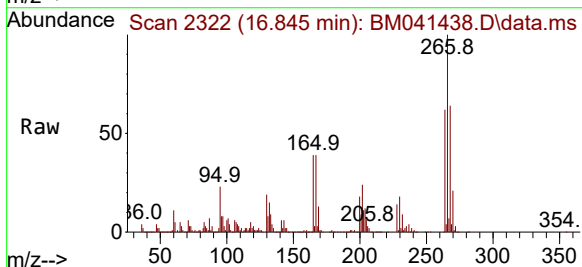
Instrument :
 BNA_M
 ClientSampleId :
 PB154898BS

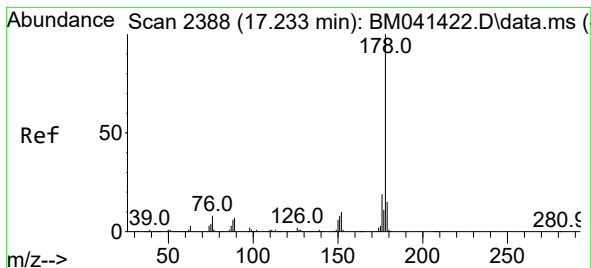
Tgt Ion:200 Resp: 444857
 Ion Ratio Lower Upper
 200 100
 173 24.2 4.7 44.7
 215 49.3 29.4 69.4



#70
 Pentachlorophenol
 Concen: 84.928 ng
 RT: 16.845 min Scan# 2322
 Delta R.T. 0.006 min
 Lab File: BM041438.D
 Acq: 17 Aug 2023 17:33

Tgt Ion:266 Resp: 587912
 Ion Ratio Lower Upper
 266 100
 268 64.1 50.9 76.3
 264 62.4 50.2 75.2





#71

Phenanthrene

Concen: 49.274 ng

RT: 17.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

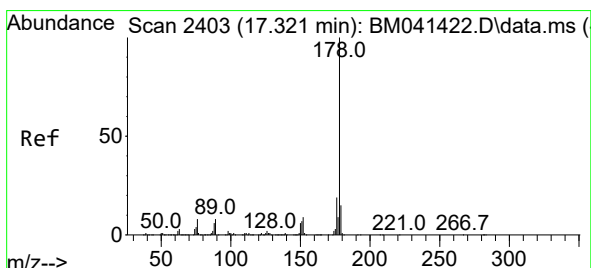
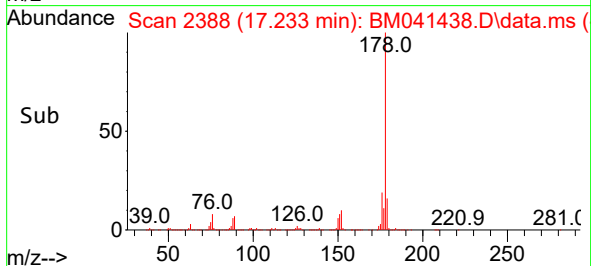
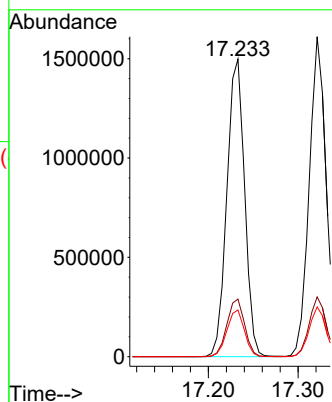
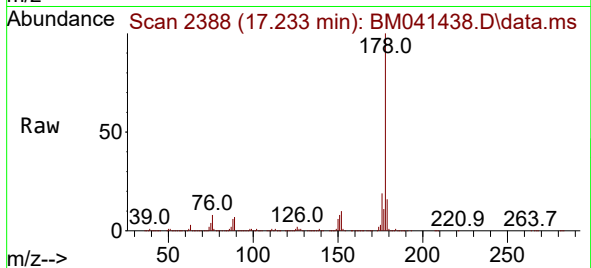
Tgt Ion:178 Resp: 2056077

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.7 12.2 18.4



#72

Anthracene

Concen: 49.806 ng

RT: 17.321 min Scan# 2403

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

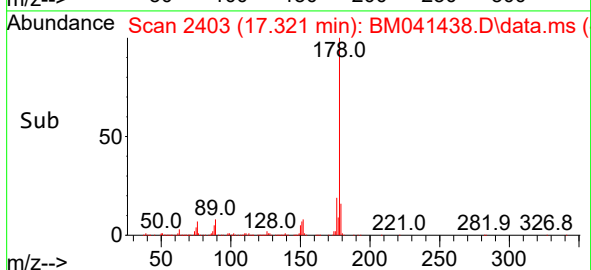
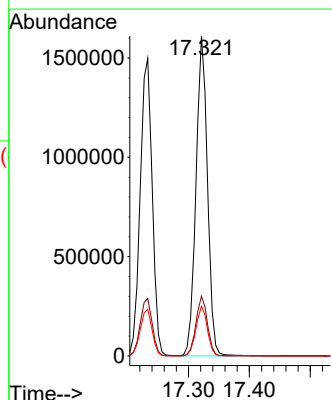
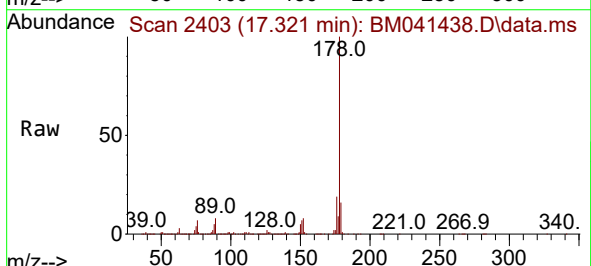
Tgt Ion:178 Resp: 2107420

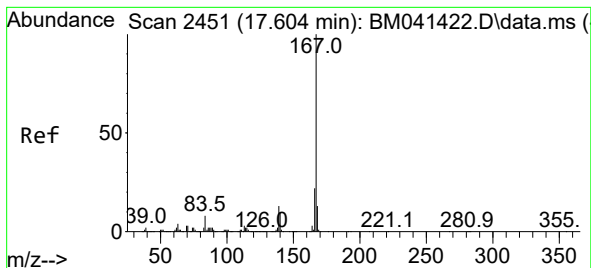
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.5 12.2 18.2





#73

Carbazole

Concen: 49.707 ng

RT: 17.609 min Scan# 2451

Delta R.T. 0.006 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

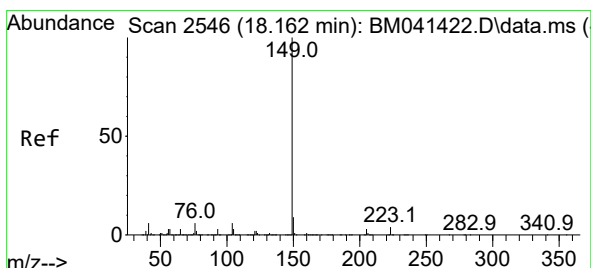
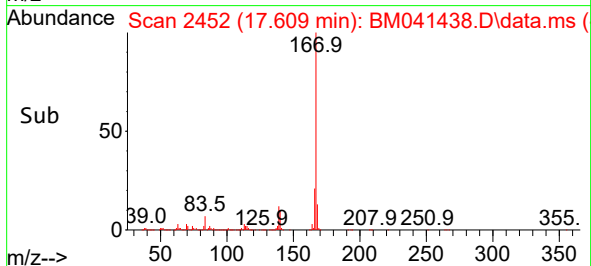
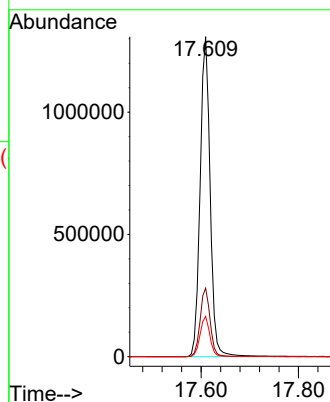
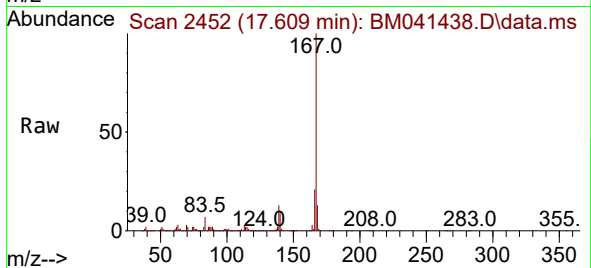
Tgt Ion:167 Resp: 1871417

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 12.6 10.2 15.2



#74

Di-n-butylphthalate

Concen: 49.912 ng

RT: 18.162 min Scan# 2546

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

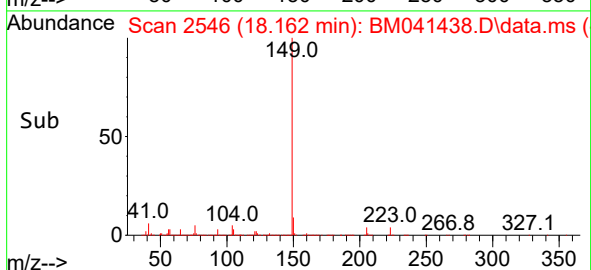
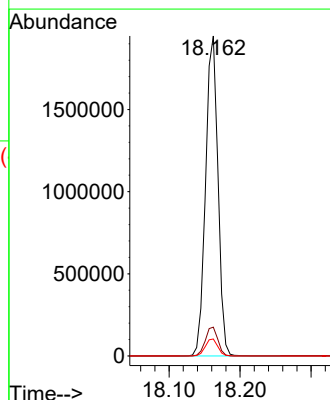
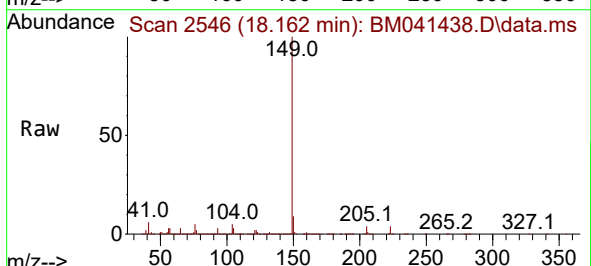
Tgt Ion:149 Resp: 2360690

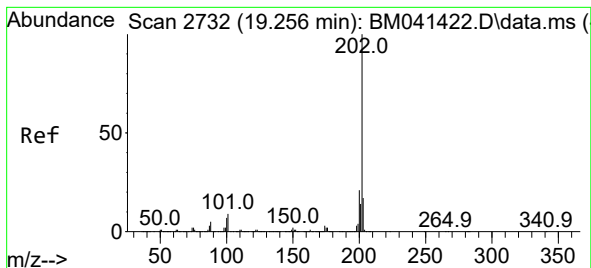
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 5.3 4.5 6.7

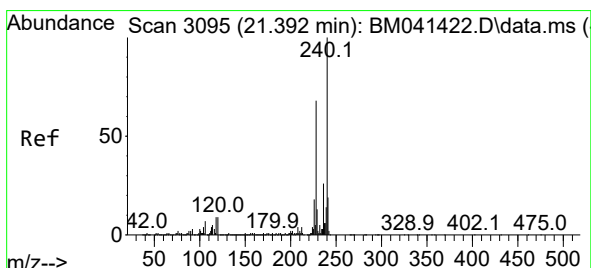
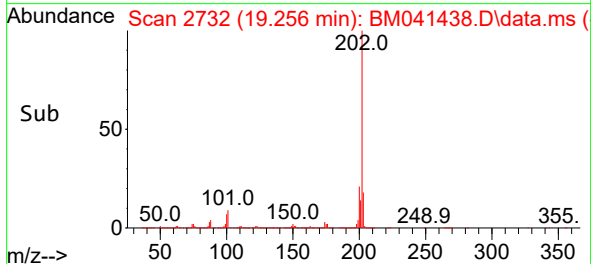
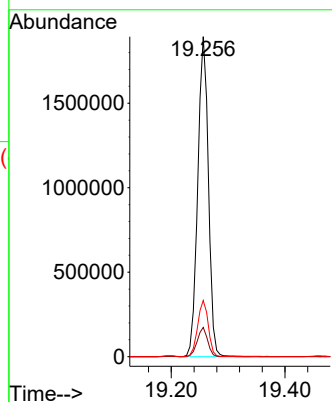
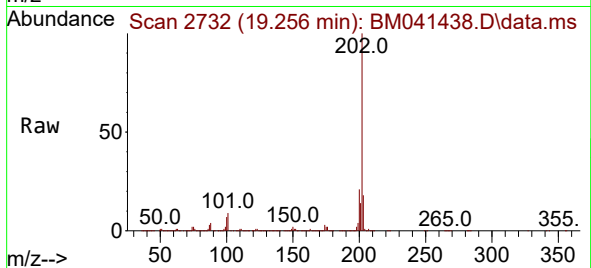




#75
Fluoranthene
Concen: 49.803 ng
RT: 19.256 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

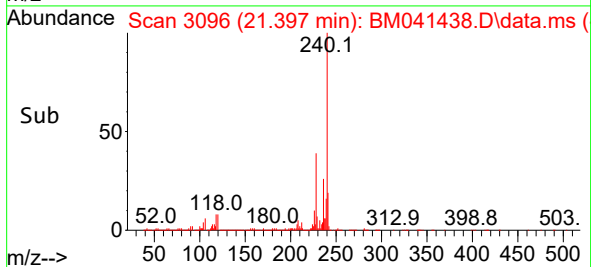
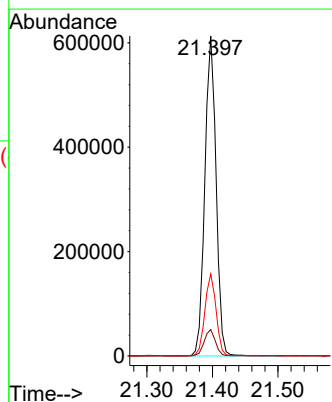
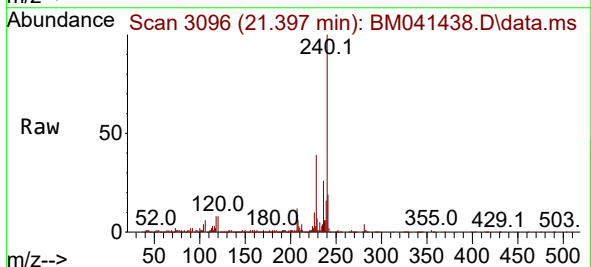
Instrument :
BNA_M
ClientSampleId :
PB154898BS

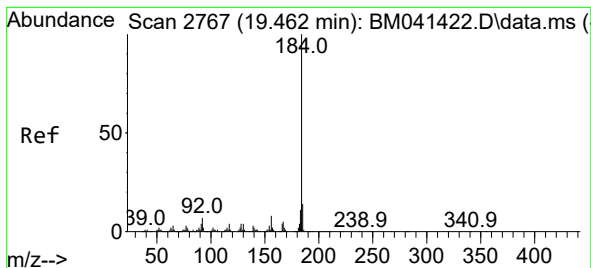
Tgt Ion:202 Resp: 2474174
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.1
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3096
Delta R.T. 0.006 min
Lab File: BM041438.D
Acq: 17 Aug 2023 17:33

Tgt Ion:240 Resp: 732827
Ion Ratio Lower Upper
240 100
120 8.2 7.4 11.2
236 25.7 20.8 31.2





#77

Benzidine

Concen: 118.284 ng

RT: 19.462 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

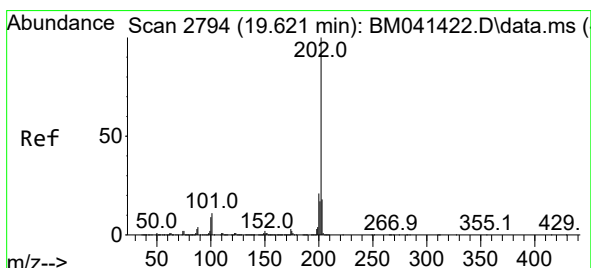
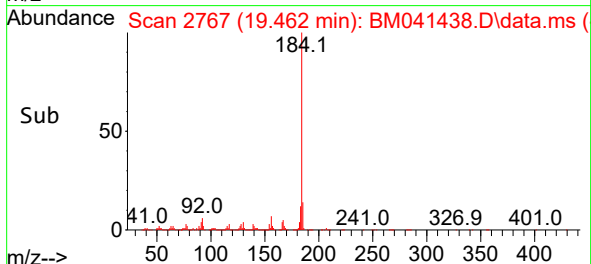
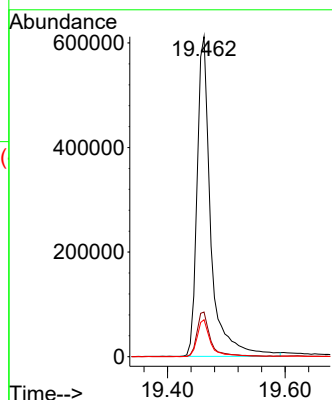
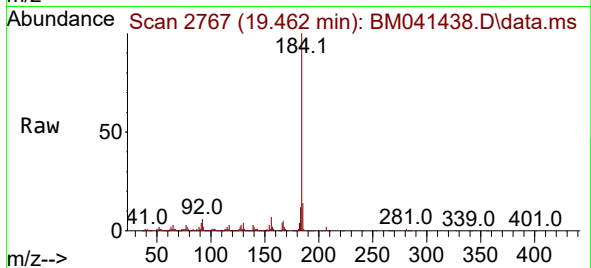
Tgt Ion:184 Resp: 993590

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.0

183 11.5 8.8 13.2



#78

Pyrene

Concen: 48.841 ng

RT: 19.621 min Scan# 2794

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

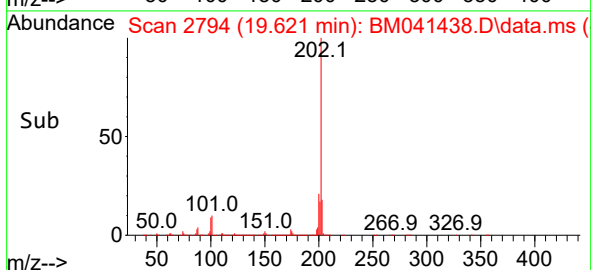
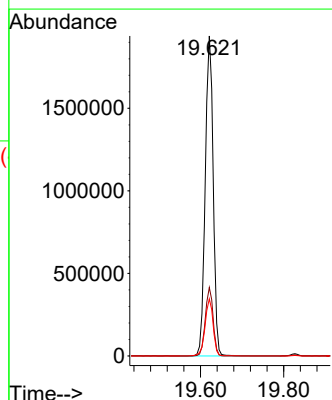
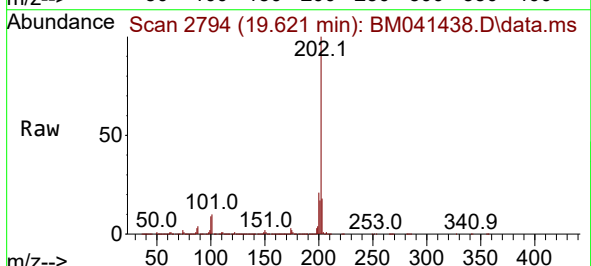
Tgt Ion:202 Resp: 2559759

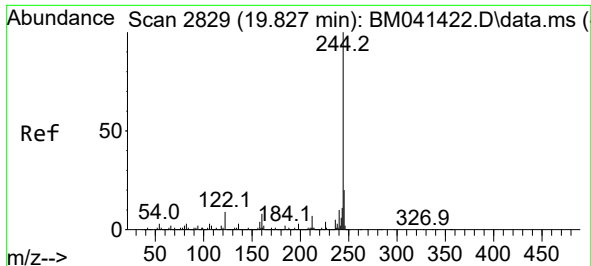
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

203 17.8 14.1 21.1

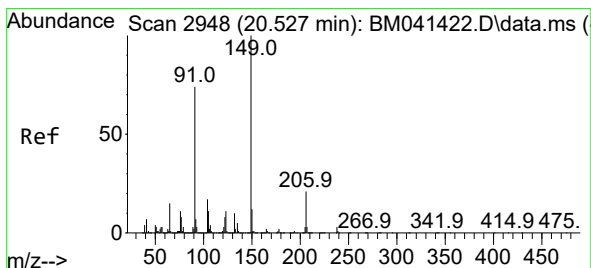
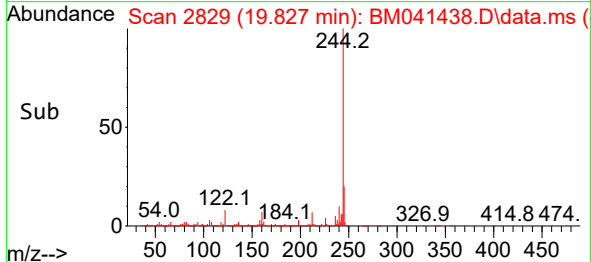
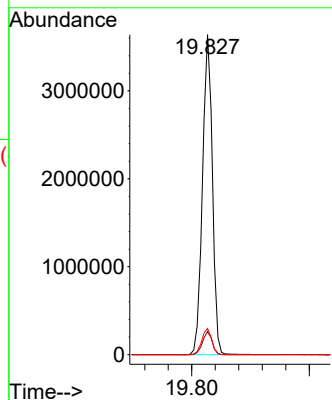
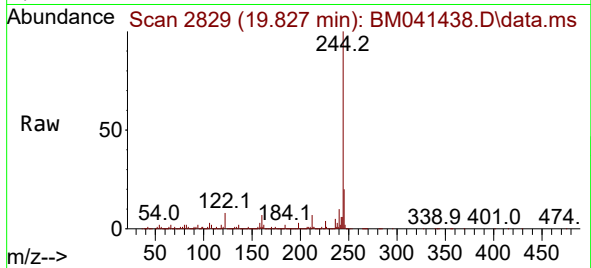




#79
 Terphenyl-d14
 Concen: 100.565 ng
 RT: 19.827 min Scan# 2829
 Delta R.T. -0.000 min
 Lab File: BM041438.D
 Acq: 17 Aug 2023 17:33

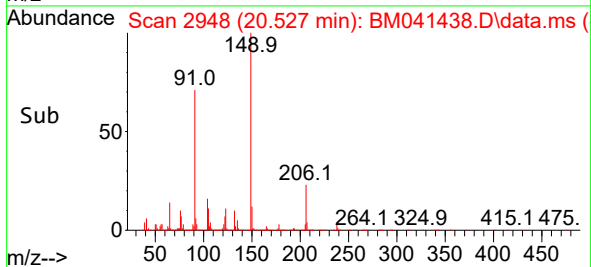
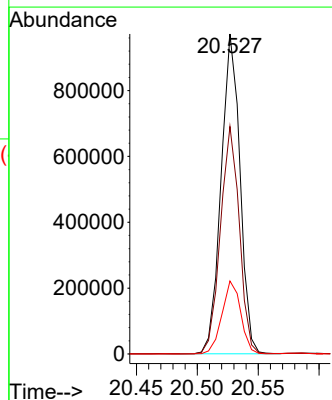
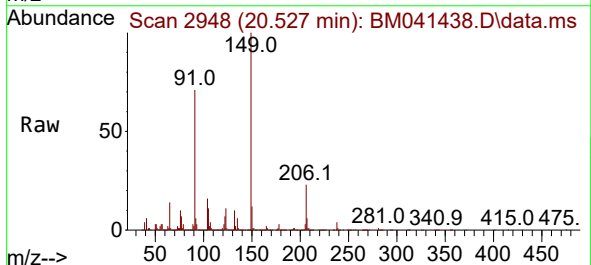
Instrument :
 BNA_M
 ClientSampleId :
 PB154898BS

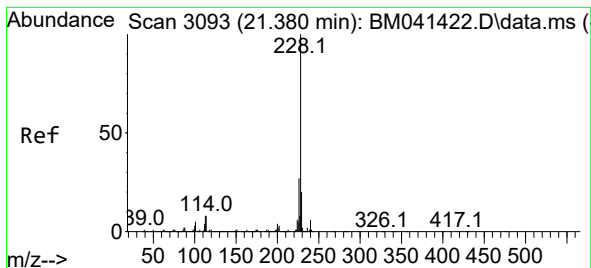
Tgt Ion:244 Resp: 4235056
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.2 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 50.004 ng
 RT: 20.527 min Scan# 2948
 Delta R.T. -0.000 min
 Lab File: BM041438.D
 Acq: 17 Aug 2023 17:33

Tgt Ion:149 Resp: 1049666
 Ion Ratio Lower Upper
 149 100
 91 71.1 59.3 88.9
 206 22.8 17.0 25.6





#81

Benzo(a)anthracene

Concen: 50.979 ng

RT: 21.380 min Scan# 3093

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

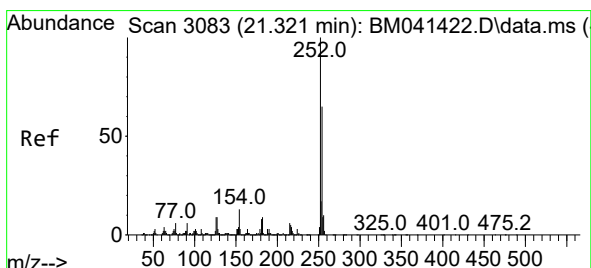
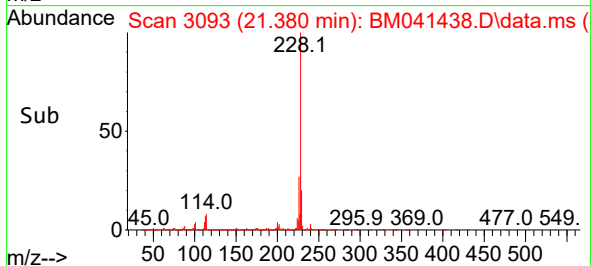
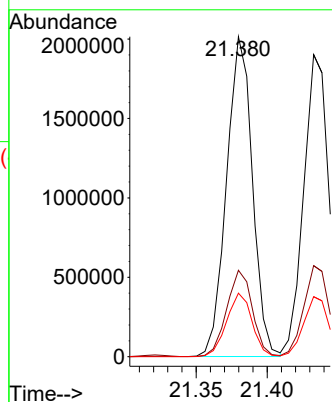
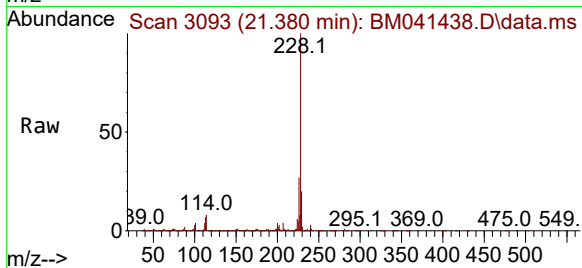
Tgt Ion:228 Resp: 2551177

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 47.973 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

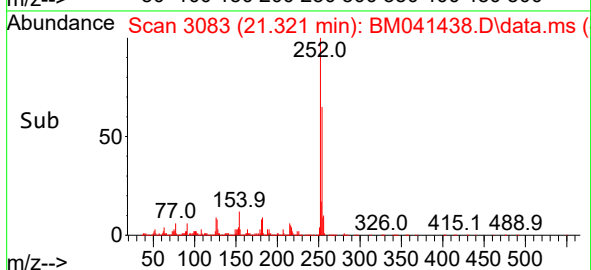
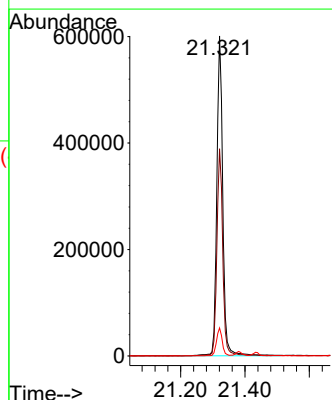
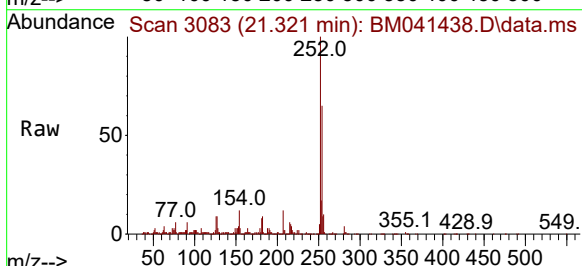
Tgt Ion:252 Resp: 776469

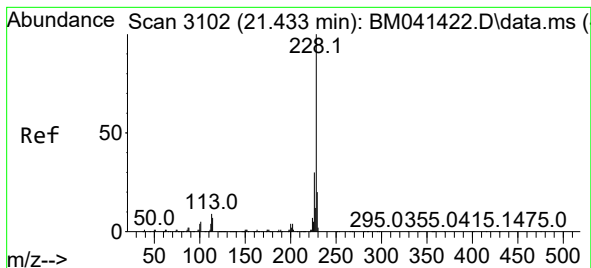
Ion Ratio Lower Upper

252 100

254 64.7 51.6 77.4

126 8.7 7.3 10.9





#83

Chrysene

Concen: 49.206 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

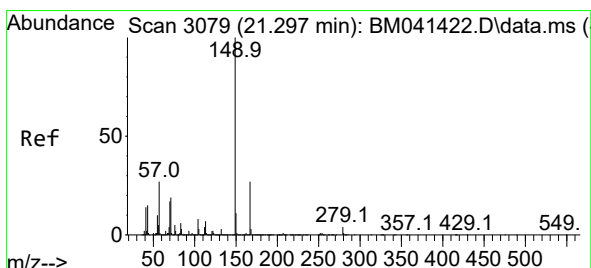
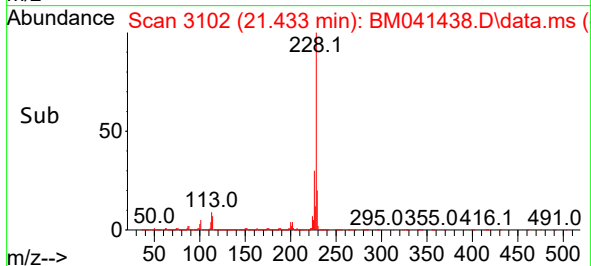
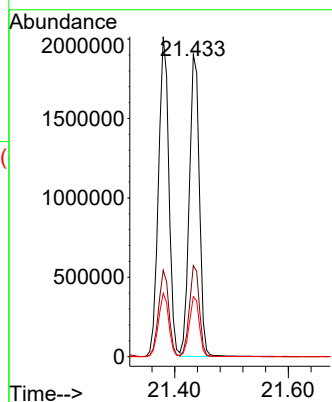
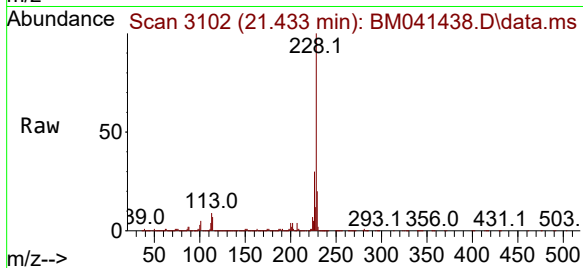
Tgt Ion:228 Resp: 2340687

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.770 ng

RT: 21.303 min Scan# 3080

Delta R.T. 0.006 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

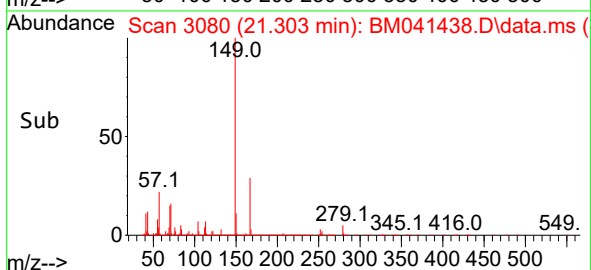
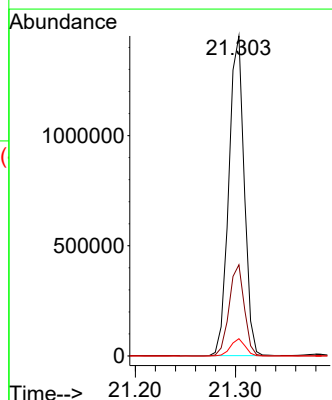
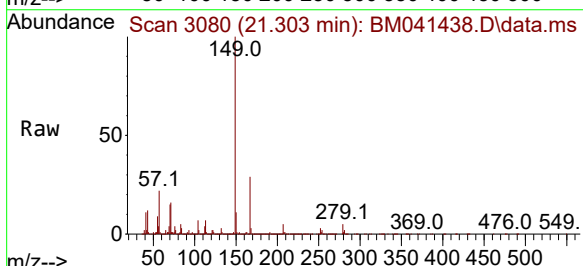
Tgt Ion:149 Resp: 1543927

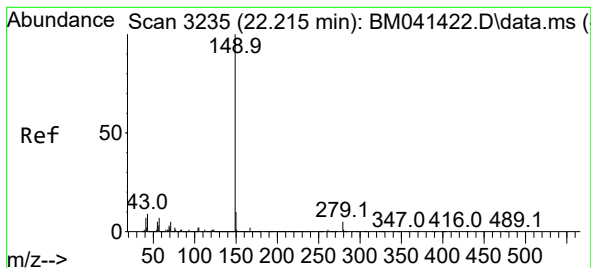
Ion Ratio Lower Upper

149 100

167 28.5 21.5 32.3

279 5.4 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 53.952 ng

RT: 22.215 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

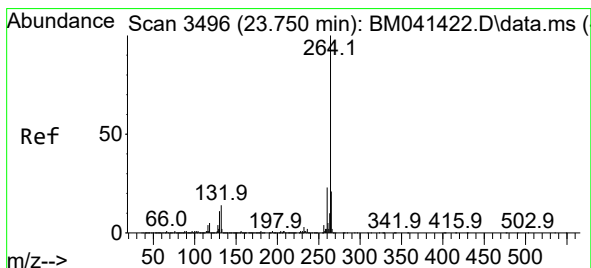
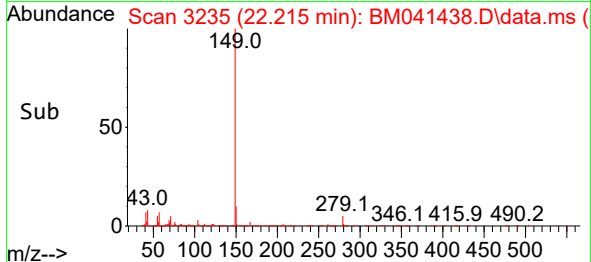
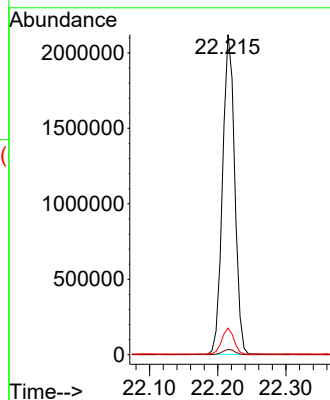
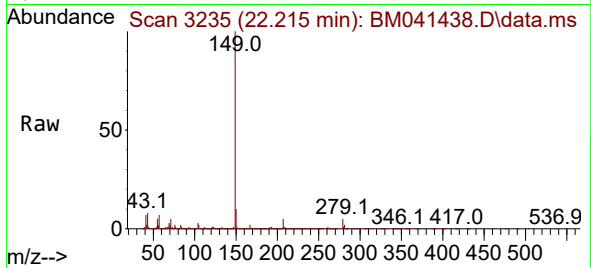
Tgt Ion:149 Resp: 2630876

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.1 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.756 min Scan# 3497

Delta R.T. 0.006 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

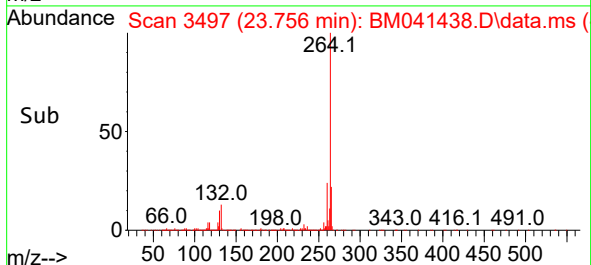
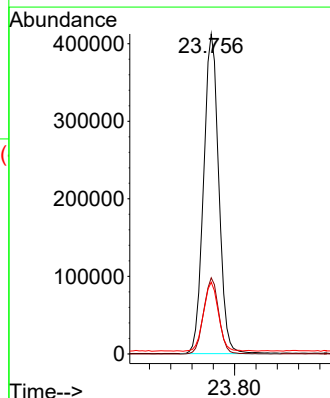
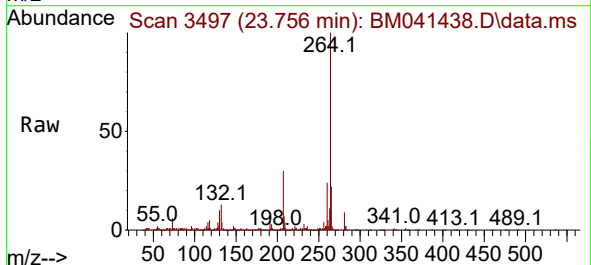
Tgt Ion:264 Resp: 813372

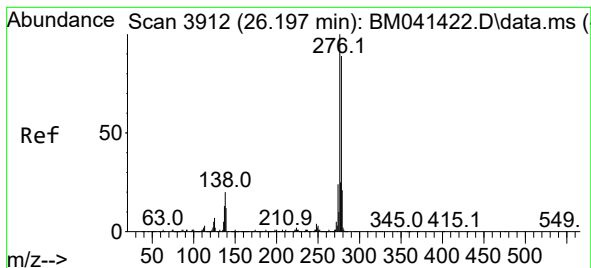
Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 22.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.317 ng

RT: 26.203 min Scan# 3912

Delta R.T. 0.006 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

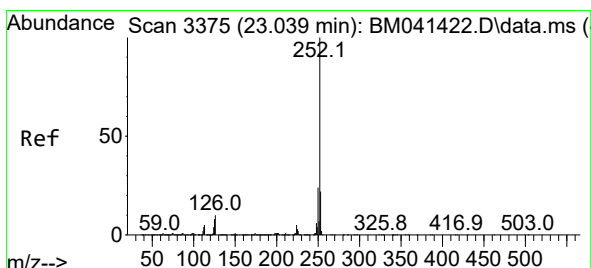
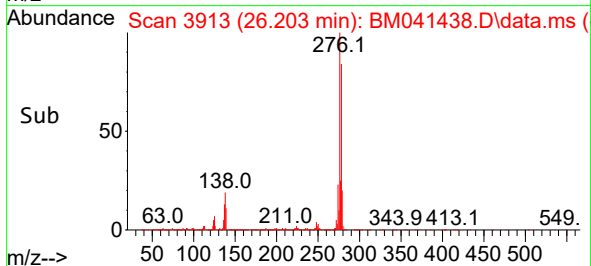
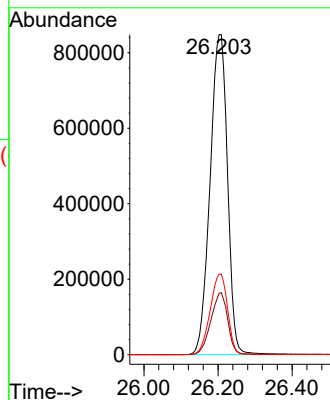
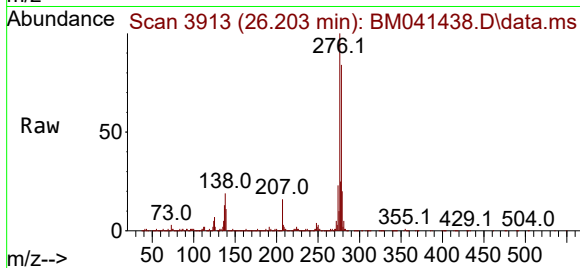
Tgt Ion:276 Resp: 2770565

Ion Ratio Lower Upper

276 100

138 18.6 16.6 25.0

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 52.125 ng

RT: 23.038 min Scan# 3375

Delta R.T. -0.000 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

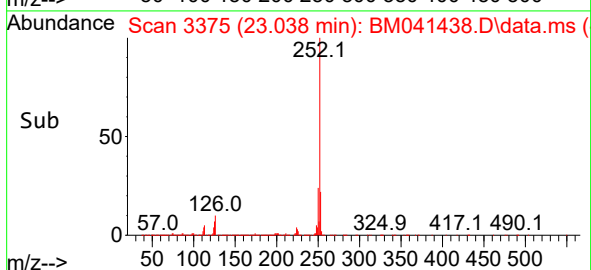
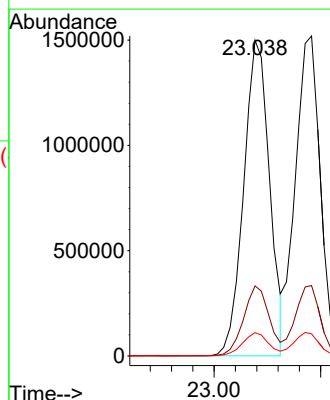
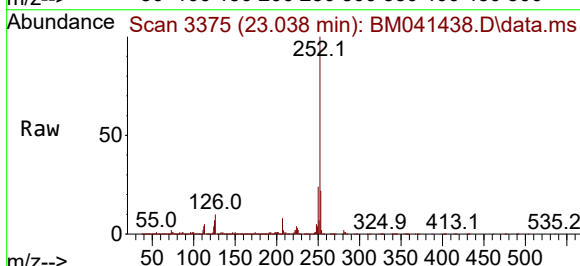
Tgt Ion:252 Resp: 2526958

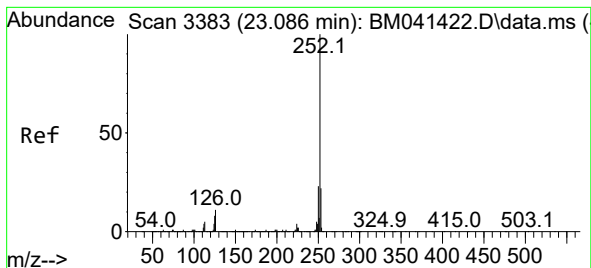
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 7.4 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 50.547 ng

RT: 23.091 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

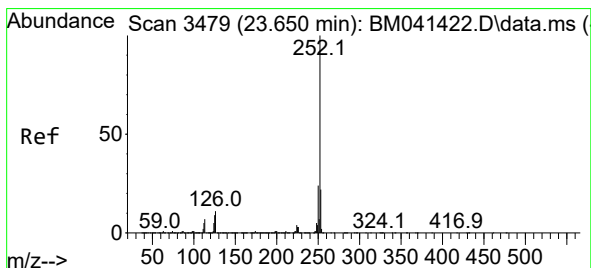
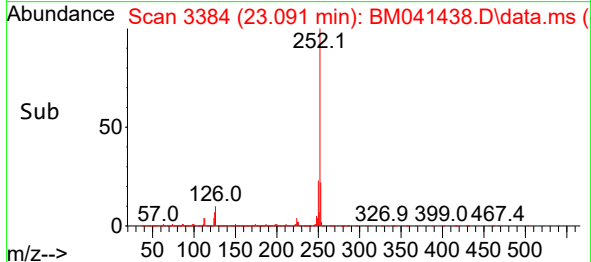
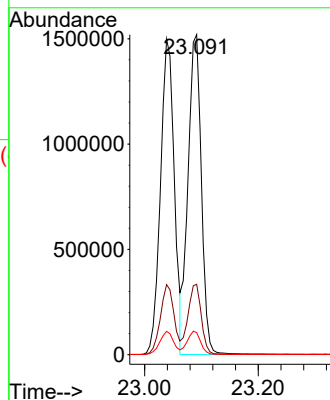
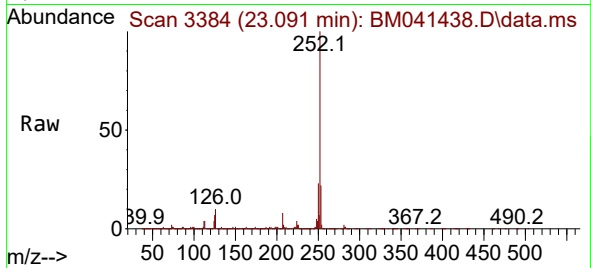
Tgt Ion:252 Resp: 2476429

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 6.9 6.5 9.7



#90

Benzo(a)pyrene

Concen: 48.027 ng

RT: 23.656 min Scan# 3480

Delta R.T. 0.006 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

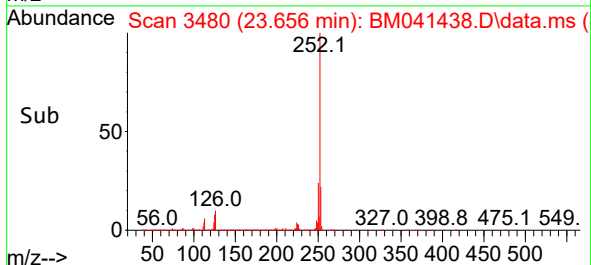
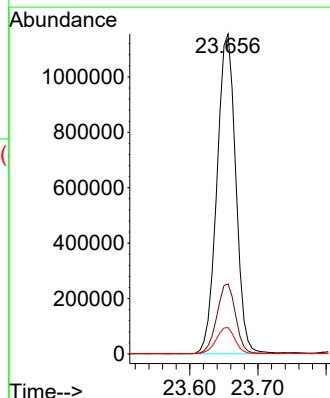
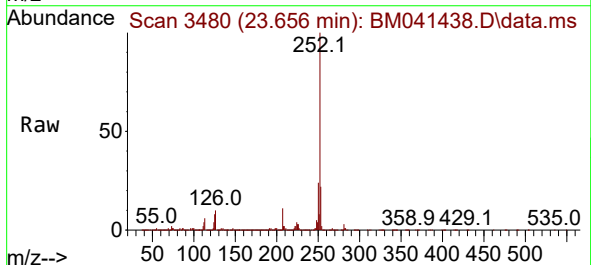
Tgt Ion:252 Resp: 2217002

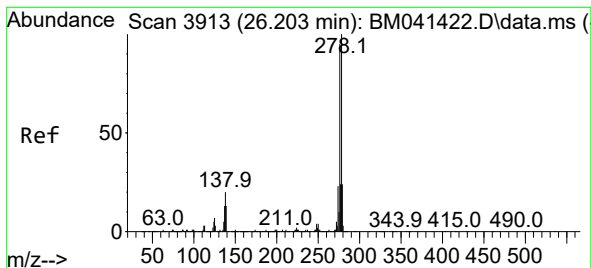
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.3 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 53.006 ng

RT: 26.215 min Scan# 3913

Delta R.T. 0.012 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Instrument :

BNA_M

ClientSampleId :

PB154898BS

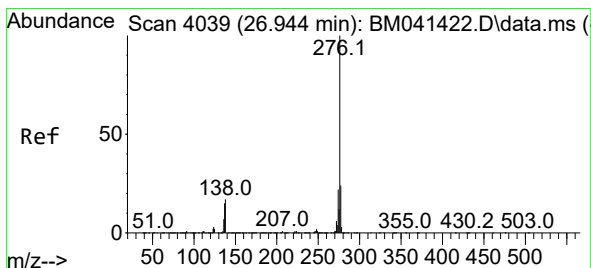
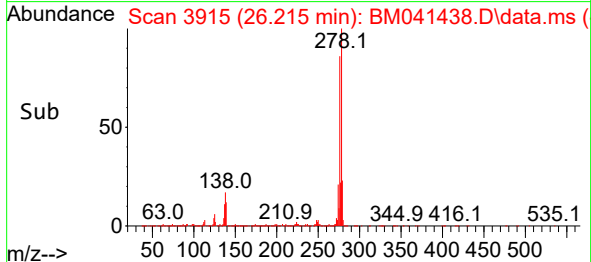
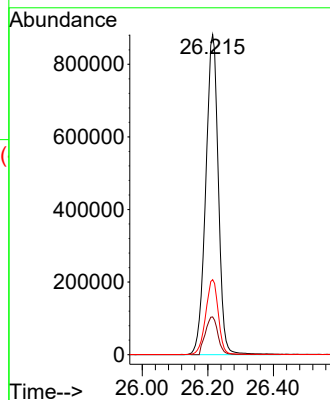
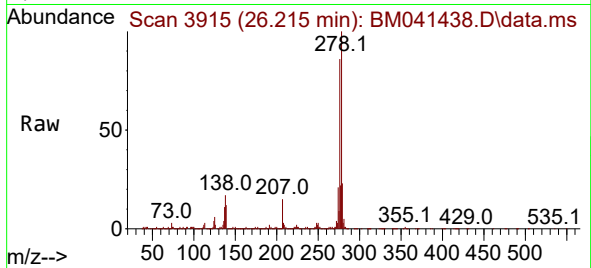
Tgt Ion:278 Resp: 2360793

Ion Ratio Lower Upper

278 100

139 11.8 10.6 16.0

279 23.5 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 52.061 ng

RT: 26.956 min Scan# 4041

Delta R.T. 0.012 min

Lab File: BM041438.D

Acq: 17 Aug 2023 17:33

Tgt Ion:276 Resp: 2241556

Ion Ratio Lower Upper

276 100

277 23.6 19.6 29.4

138 16.4 13.2 19.8

