

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091823\
 Data File : BM041897.D
 Acq On : 18 Sep 2023 16:12
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM091823

Quant Time: Sep 19 04:51:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	331107	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1462947	20.000	ng	0.00
39) Acenaphthene-d10	14.615	164	922532	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1984954	20.000	ng	0.00
76) Chrysene-d12	21.544	240	1716561	20.000	ng	0.00
86) Perylene-d12	23.962	264	1772689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1594610	80.215	ng	0.00
7) Phenol-d6	7.110	99	2237356	81.059	ng	0.00
23) Nitrobenzene-d5	9.157	82	2319928	80.741	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	927480	80.577	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	5019487	79.861	ng	0.00
79) Terphenyl-d14	19.974	244	7711969	81.825	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.410	88	323566	39.905	ng	98
3) Pyridine	3.816	79	1003383	39.835	ng	99
4) n-Nitrosodimethylamine	3.740	42	487759	40.739	ng	95
6) Aniline	7.304	93	1468146	40.148	ng	100
8) 2-Chlorophenol	7.522	128	888805	40.159	ng	97
9) Benzaldehyde	7.122	77	624307	40.008	ng	99
10) Phenol	7.140	94	1145719	40.439	ng	99
11) bis(2-Chloroethyl)ether	7.398	93	947680	40.100	ng	99
12) 1,3-Dichlorobenzene	7.845	146	938649	39.720	ng	99
13) 1,4-Dichlorobenzene	7.998	146	953122	39.693	ng	99
14) 1,2-Dichlorobenzene	8.316	146	918760	39.805	ng	100
15) Benzyl Alcohol	8.216	79	889354	40.813	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.486	45	1447159	40.039	ng	99
17) 2-Methylphenol	8.392	107	836202	40.589	ng	99
18) Hexachloroethane	9.034	117	356437	39.491	ng	100
19) n-Nitroso-di-n-propyla...	8.781	70	842015	41.038	ng	99
20) 3+4-Methylphenols	8.728	107	1150760	40.695	ng	98
22) Acetophenone	8.810	105	1470299	40.203	ng	# 99
24) Nitrobenzene	9.204	77	1151178	40.365	ng	98
25) Isophorone	9.716	82	2270954	40.044	ng	99
26) 2-Nitrophenol	9.904	139	530696	41.315	ng	99
27) 2,4-Dimethylphenol	9.933	122	922353	39.926	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	1328759	40.089	ng	99
29) 2,4-Dichlorophenol	10.422	162	910732	40.737	ng	99
30) 1,2,4-Trichlorobenzene	10.633	180	912811	39.769	ng	99
31) Naphthalene	10.833	128	2935062	39.851	ng	100
32) Benzoic acid	10.086	122	773828	42.514	ng	98
33) 4-Chloroaniline	10.963	127	1322951	40.133	ng	99
34) Hexachlorobutadiene	11.063	225	551759	39.356	ng	100
35) Caprolactam	11.804	113	327578	40.997	ng	99
36) 4-Chloro-3-methylphenol	12.057	107	1005820	40.370	ng	99
37) 2-Methylnaphthalene	12.439	142	2173342	40.134	ng	99
38) 1-Methylnaphthalene	12.657	142	2024670	39.810	ng	99
40) 1,2,4,5-Tetrachloroben...	12.786	216	1081035	40.406	ng	100
41) Hexachlorocyclopentadiene	12.739	237	618237	41.096	ng	99
43) 2,4,6-Trichlorophenol	13.039	196	740040	40.645	ng	99

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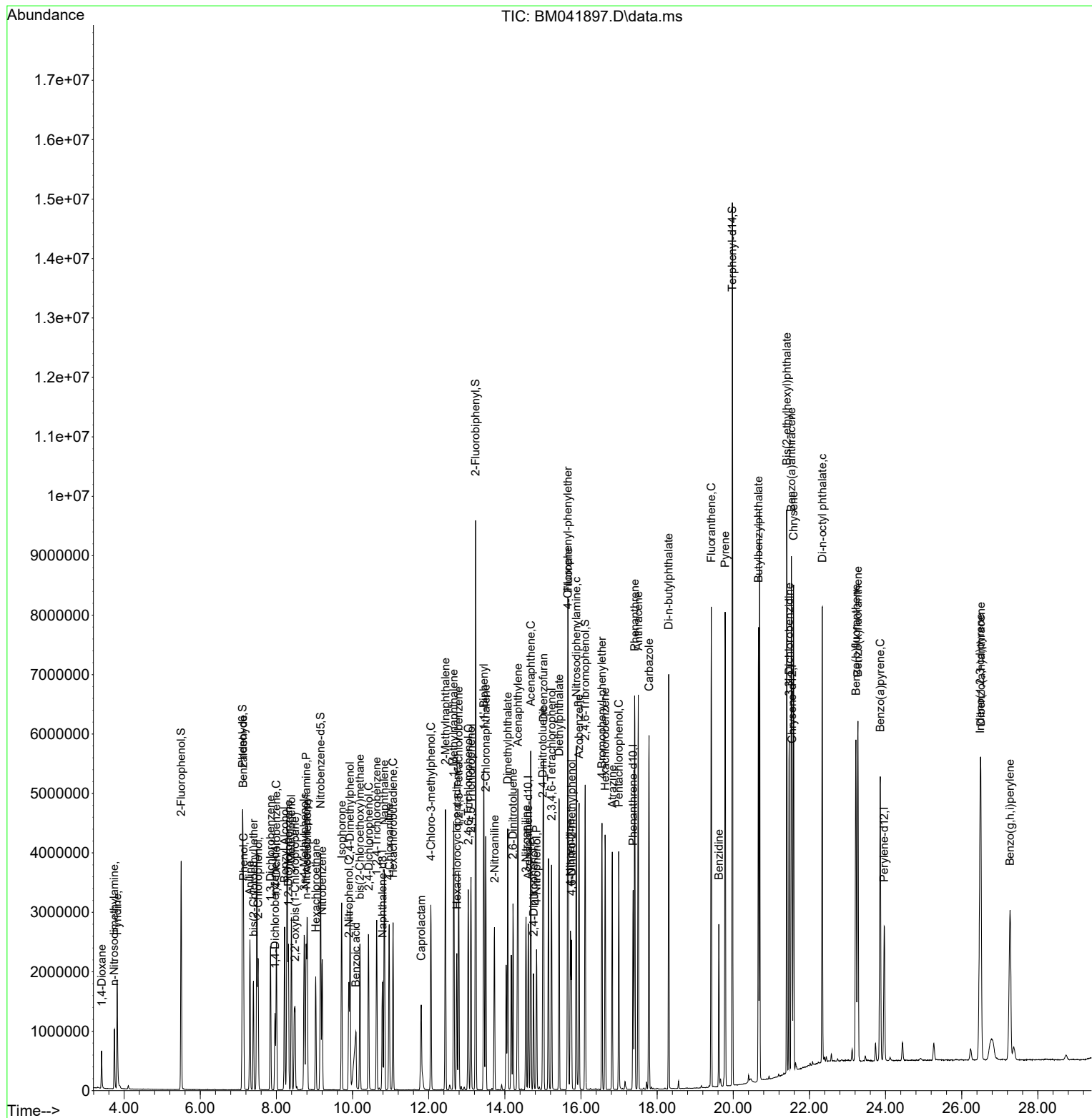
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	867407	40.706	ng	99
46) 1,1'-Biphenyl	13.451	154	2730370	40.114	ng	100
47) 2-Chloronaphthalene	13.498	162	1977196	39.887	ng	99
48) 2-Nitroaniline	13.727	65	732528	41.357	ng	98
49) Acenaphthylene	14.345	152	3301967	40.139	ng	99
50) Dimethylphthalate	14.074	163	2712762	39.776	ng	100
51) 2,6-Dinitrotoluene	14.216	165	586434	40.575	ng	99
52) Acenaphthene	14.680	154	1979656	40.011	ng	99
53) 3-Nitroaniline	14.557	138	667607	41.269	ng	98
54) 2,4-Dinitrophenol	14.757	184	371948	41.205	ng	98
55) Dibenzofuran	15.015	168	3166650	39.648	ng	99
56) 4-Nitrophenol	14.833	139	527842	41.141	ng	99
57) 2,4-Dinitrotoluene	14.998	165	793703	41.507	ng	99
58) Fluorene	15.662	166	2492456	39.584	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	704635	40.288	ng	100
60) Diethylphthalate	15.427	149	2704172	39.859	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1323227	40.057	ng	99
62) 4-Nitroaniline	15.721	138	639489	41.108	ng	97
63) Azobenzene	15.951	77	2753879	40.040	ng	100
65) 4,6-Dinitro-2-methylph...	15.751	198	486344	42.668	ng	99
66) n-Nitrosodiphenylamine	15.880	169	2228165	39.745	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	817030	39.943	ng	99
68) Hexachlorobenzene	16.633	284	864063	39.897	ng	95
69) Atrazine	16.821	200	674262	38.569	ng	99
70) Pentachlorophenol	16.992	266	668883	40.877	ng	100
71) Phenanthrene	17.409	178	3931782	39.717	ng	100
72) Anthracene	17.504	178	4033526	39.941	ng	100
73) Carbazole	17.786	167	3694120	39.894	ng	100
74) Di-n-butylphthalate	18.303	149	4799508	40.373	ng	100
75) Fluoranthene	19.421	202	4674889	40.224	ng	100
77) Benzidine	19.621	184	1386061	39.558	ng	100
78) Pyrene	19.786	202	4802560	40.208	ng	100
80) Butylbenzylphthalate	20.662	149	2137026	40.228	ng	96
81) Benzo(a)anthracene	21.527	228	4499746	40.192	ng	100
82) 3,3'-Dichlorobenzidine	21.468	252	1579024	40.049	ng	98
83) Chrysene	21.586	228	4158647	39.630	ng	100
84) Bis(2-ethylhexyl)phtha...	21.403	149	3189328	40.469	ng	99
85) Di-n-octyl phthalate	22.339	149	5343696	40.282	ng	100
87) Indeno(1,2,3-cd)pyrene	26.485	276	4250308	40.157	ng	100
88) Benzo(b)fluoranthene	23.221	252	4108665	39.699	ng	100
89) Benzo(k)fluoranthene	23.274	252	4130229	40.385	ng	100
90) Benzo(a)pyrene	23.862	252	3900192	40.161	ng	99
91) Dibenzo(a,h)anthracene	26.503	278	3578521	40.556	ng	99
92) Benzo(g,h,i)perylene	27.268	276	3361904	39.876	ng	100

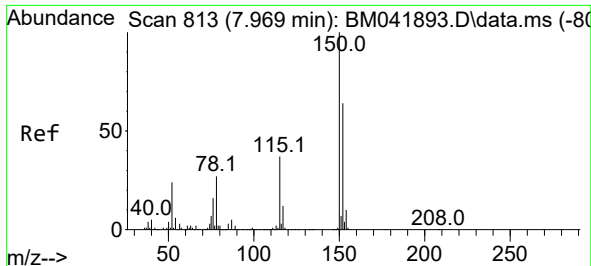
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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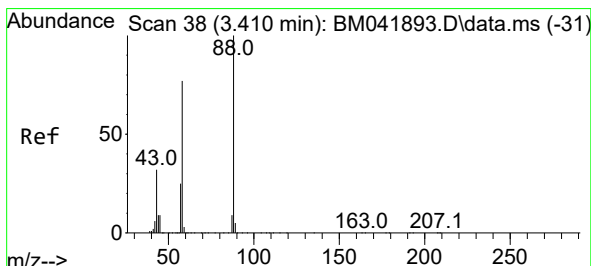
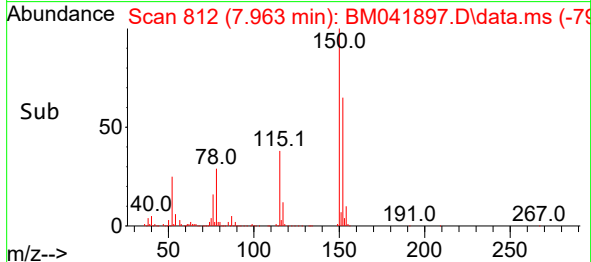
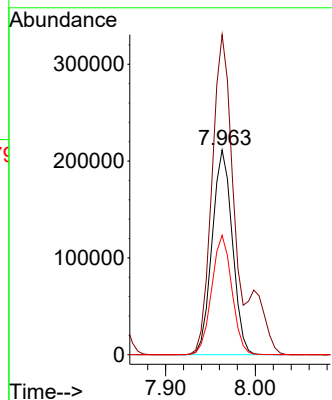
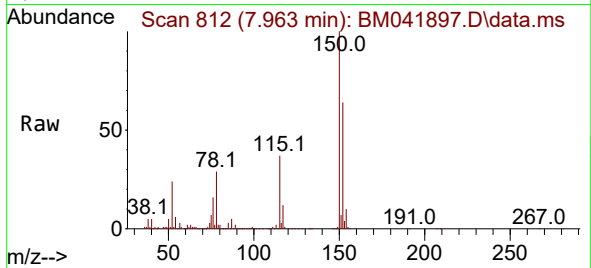




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM041897.D
 Acq: 18 Sep 2023 16:12

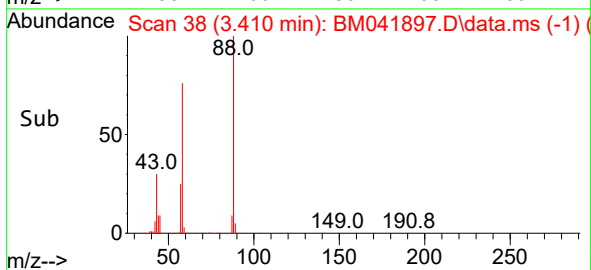
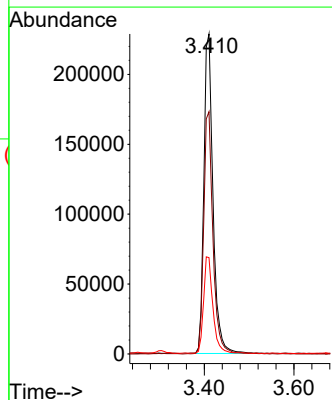
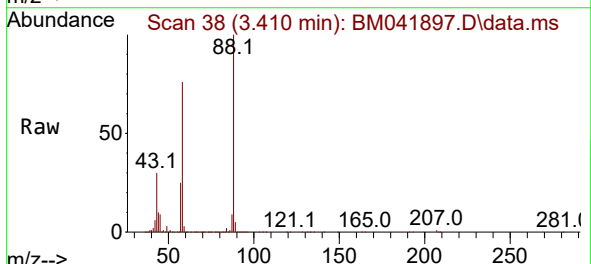
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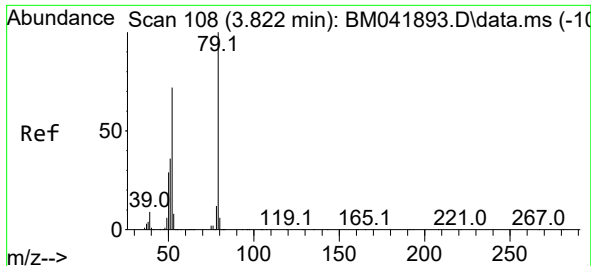
Tgt Ion:152 Resp: 331107
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.9 188.9
 115 58.3 46.8 70.2



#2
 1,4-Dioxane
 Concen: 39.905 ng
 RT: 3.410 min Scan# 38
 Delta R.T. -0.000 min
 Lab File: BM041897.D
 Acq: 18 Sep 2023 16:12

Tgt Ion: 88 Resp: 323566
 Ion Ratio Lower Upper
 88 100
 58 77.0 62.4 93.6
 43 30.6 25.8 38.6

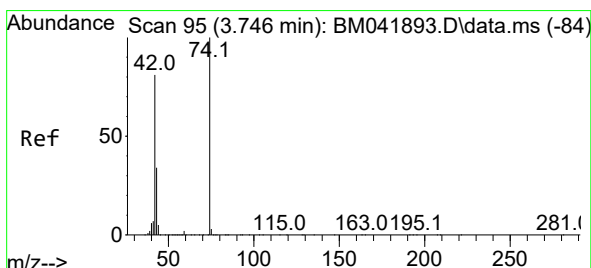
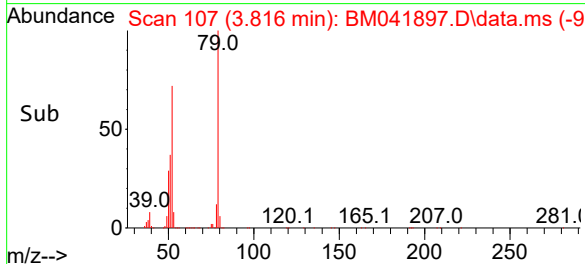
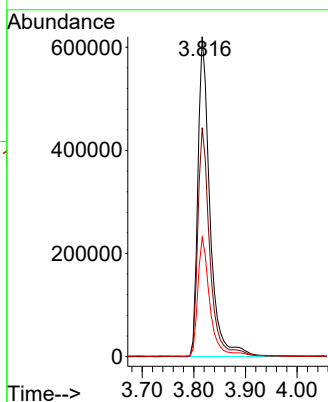
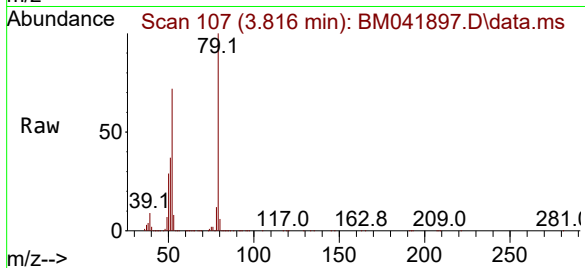




#3
Pyridine
Concen: 39.835 ng
RT: 3.816 min Scan# 108
Delta R.T. -0.006 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

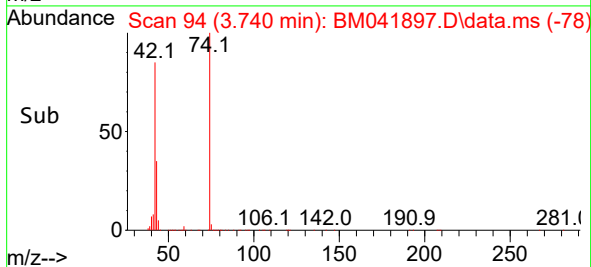
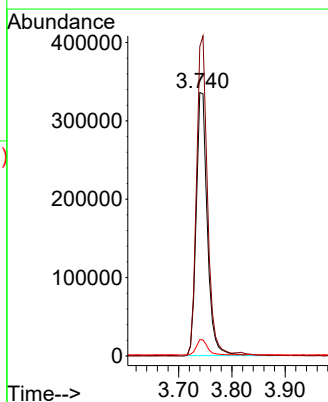
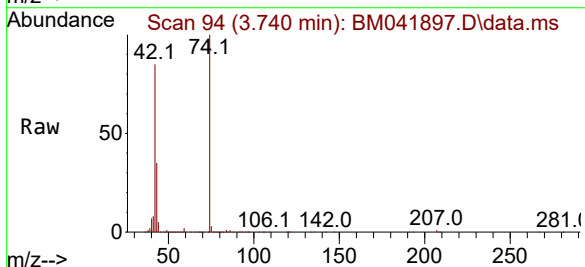
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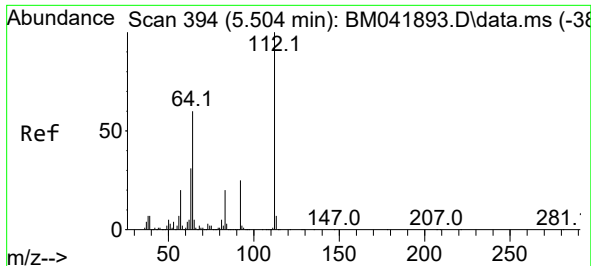
Tgt Ion: 79 Resp: 1003383
Ion Ratio Lower Upper
79 100
52 71.6 57.2 85.8
51 37.3 28.9 43.3



#4
n-Nitrosodimethylamine
Concen: 40.739 ng
RT: 3.740 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion: 42 Resp: 487759
Ion Ratio Lower Upper
42 100
74 117.5 98.8 148.2
44 6.2 5.1 7.7

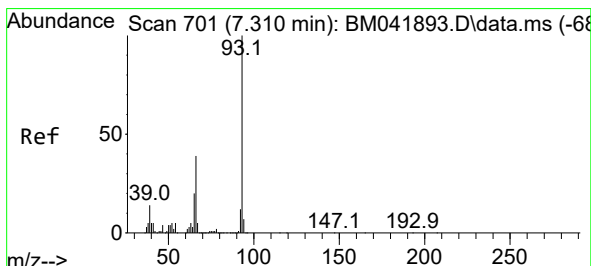
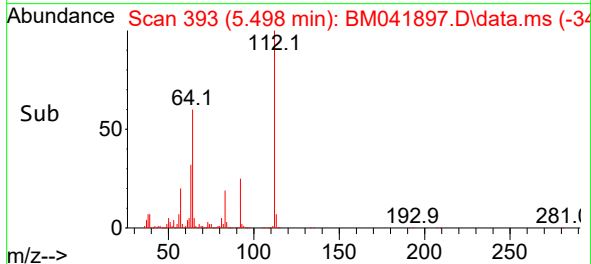
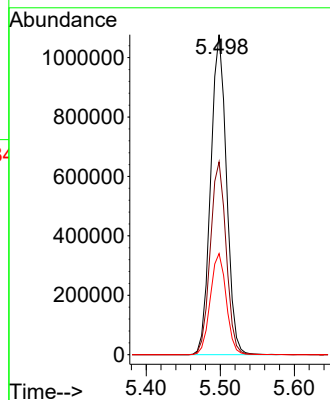
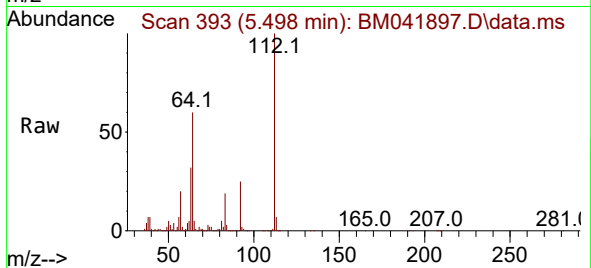




#5
2-Fluorophenol
Concen: 80.215 ng
RT: 5.498 min Scan# 394
Delta R.T. -0.006 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

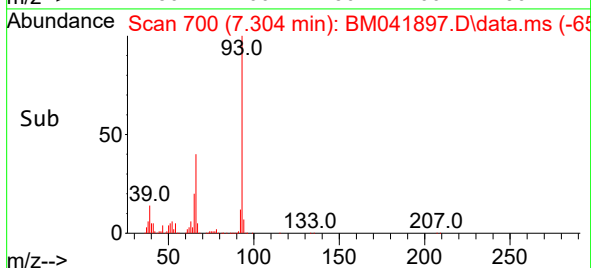
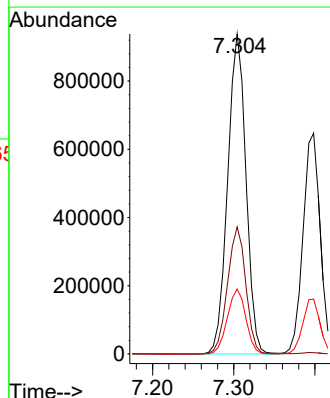
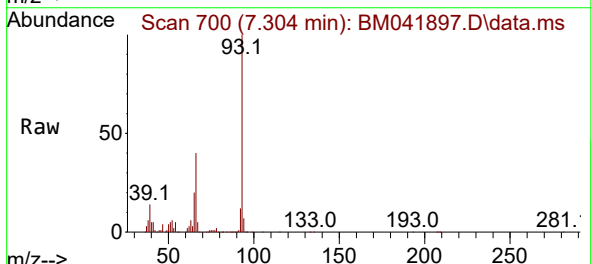
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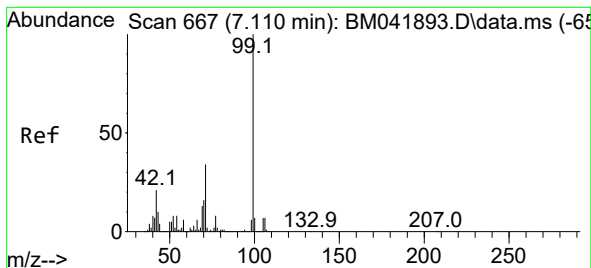
Tgt Ion:112 Resp: 1594610
Ion Ratio Lower Upper
112 100
64 60.2 48.1 72.1
63 31.6 25.0 37.6



#6
Aniline
Concen: 40.148 ng
RT: 7.304 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion: 93 Resp: 1468146
Ion Ratio Lower Upper
93 100
66 39.7 31.4 47.2
65 20.3 16.2 24.4





#7

Phenol-d6

Concen: 81.059 ng

RT: 7.110 min Scan# 667

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

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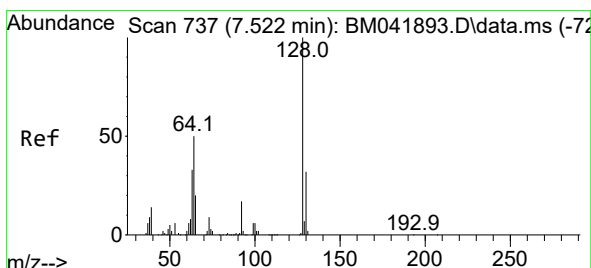
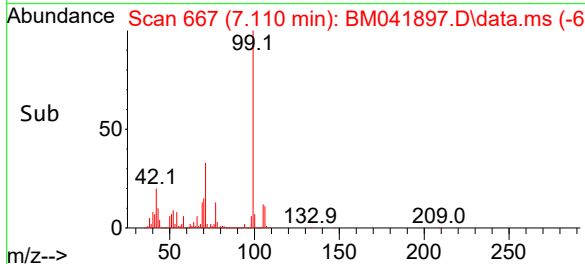
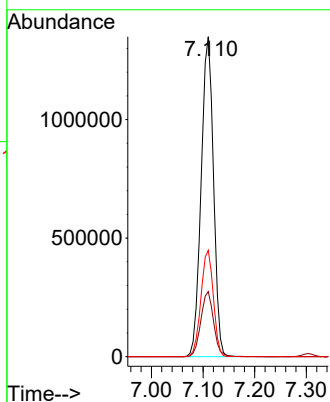
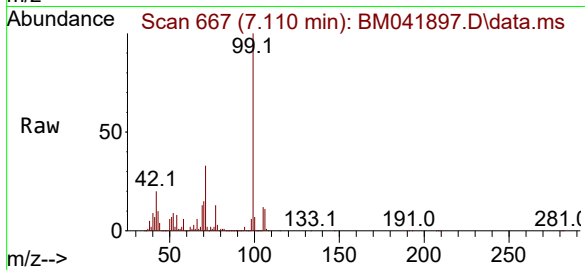
Tgt Ion: 99 Resp: 2237356

Ion Ratio Lower Upper

99 100

42 20.4 16.6 25.0

71 33.3 26.8 40.2



#8

2-Chlorophenol

Concen: 40.159 ng

RT: 7.522 min Scan# 737

Delta R.T. -0.000 min

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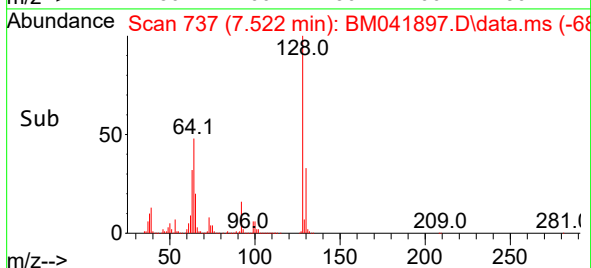
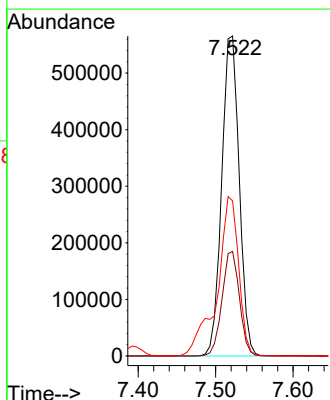
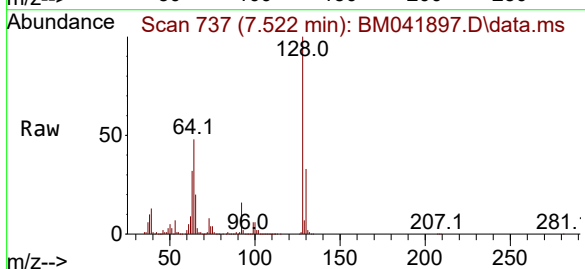
Tgt Ion:128 Resp: 888805

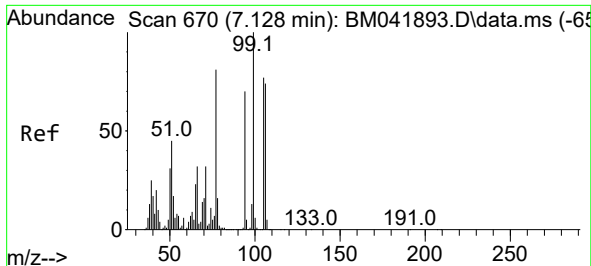
Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

64 48.5 31.7 71.7

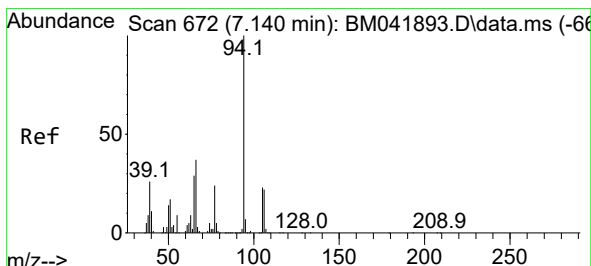
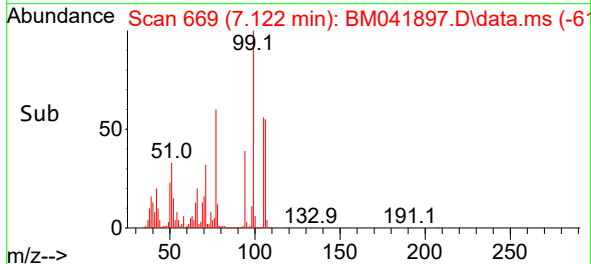
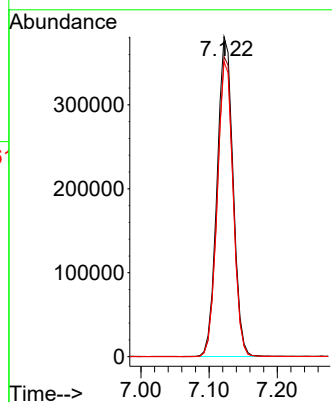
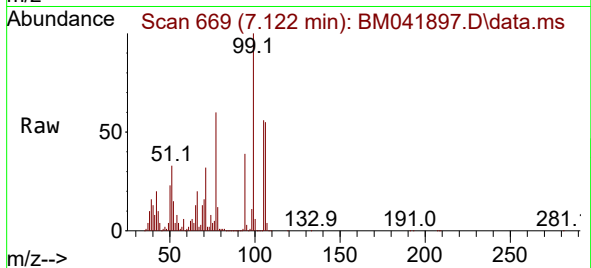




#9
Benzaldehyde
Concen: 40.008 ng
RT: 7.122 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

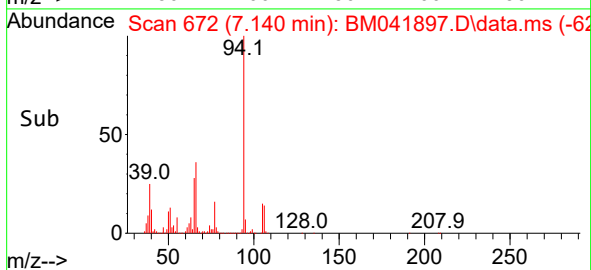
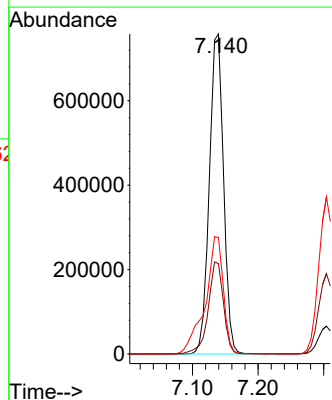
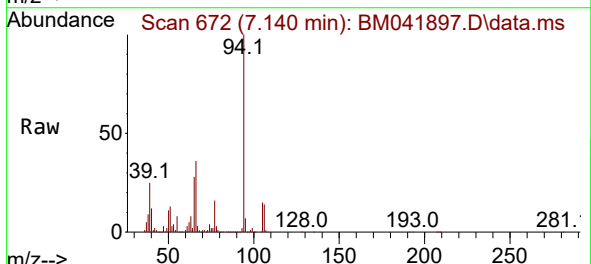
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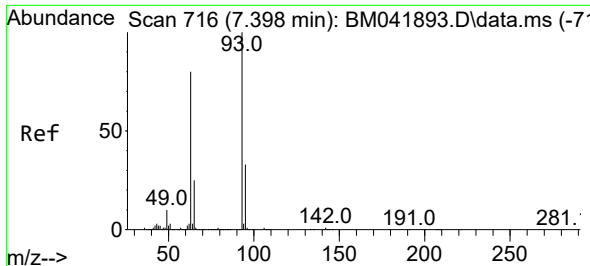
Tgt Ion: 77 Resp: 624307
Ion Ratio Lower Upper
77 100
105 93.8 75.1 115.1
106 92.2 71.6 111.6



#10
Phenol
Concen: 40.439 ng
RT: 7.140 min Scan# 672
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion: 94 Resp: 1145719
Ion Ratio Lower Upper
94 100
65 28.3 9.1 49.1
66 36.4 17.3 57.3

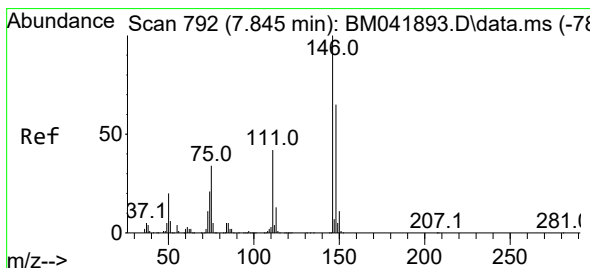
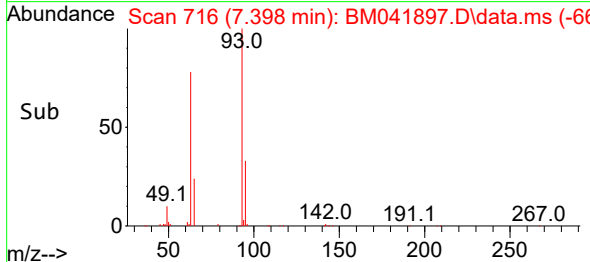
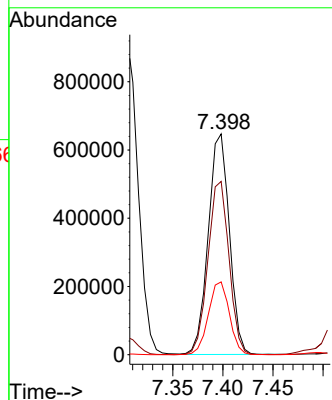
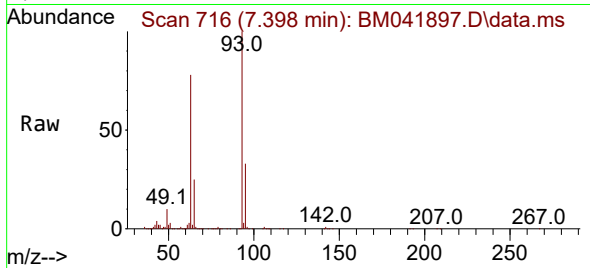




#11
bis(2-Chloroethyl)ether
Concen: 40.100 ng
RT: 7.398 min Scan# 716
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

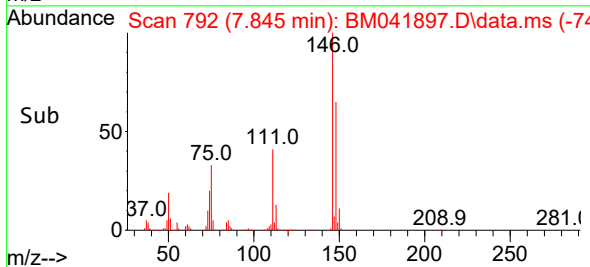
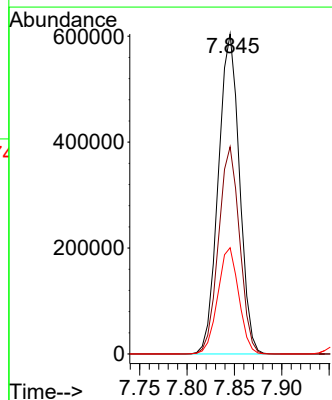
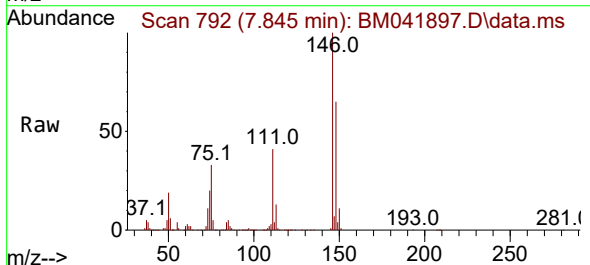
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

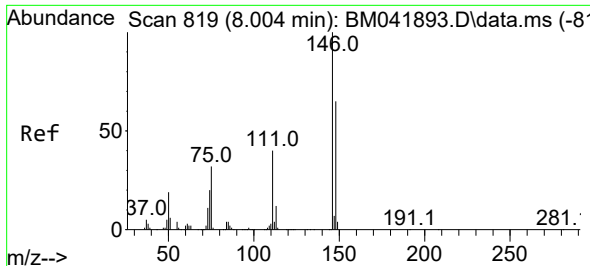
Tgt Ion: 93 Resp: 947680
Ion Ratio Lower Upper
93 100
63 78.5 59.5 99.5
95 33.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.720 ng
RT: 7.845 min Scan# 792
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion: 146 Resp: 938649
Ion Ratio Lower Upper
146 100
148 64.8 51.7 77.5
75 33.2 27.2 40.8

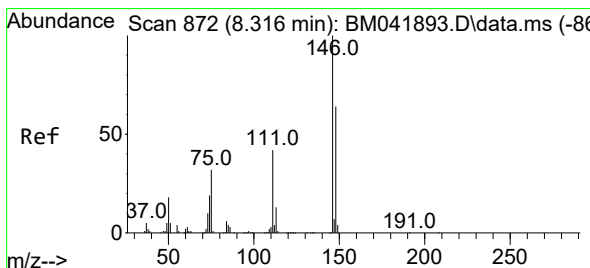
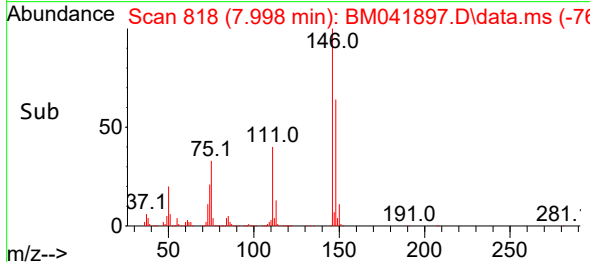
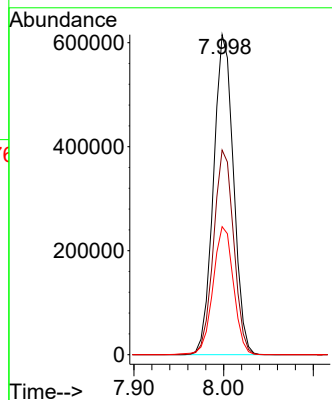
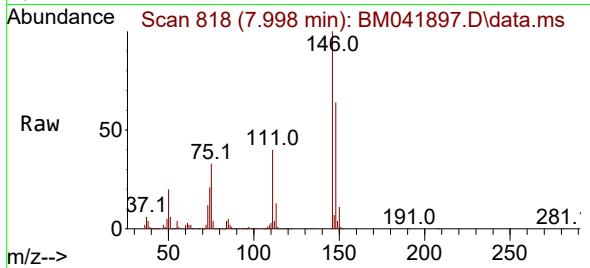




#13
1,4-Dichlorobenzene
Concen: 39.693 ng
RT: 7.998 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

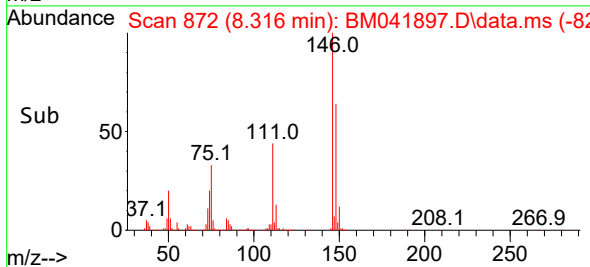
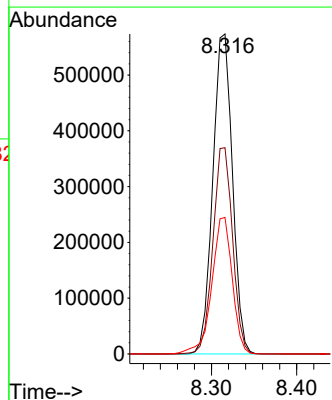
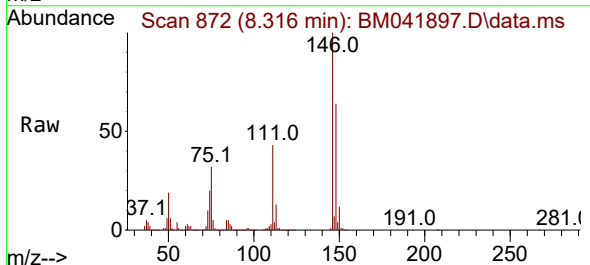
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

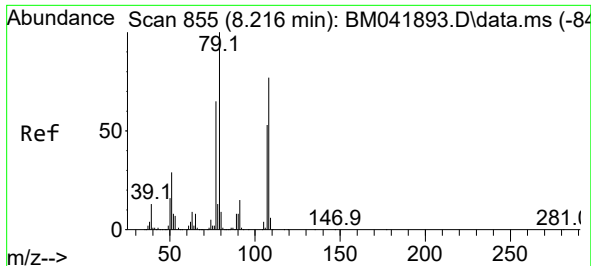
Tgt Ion:146 Resp: 953122
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
111 40.0 32.1 48.1



#14
1,2-Dichlorobenzene
Concen: 39.805 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion:146 Resp: 918760
Ion Ratio Lower Upper
146 100
148 64.5 51.5 77.3
111 42.7 34.0 51.0

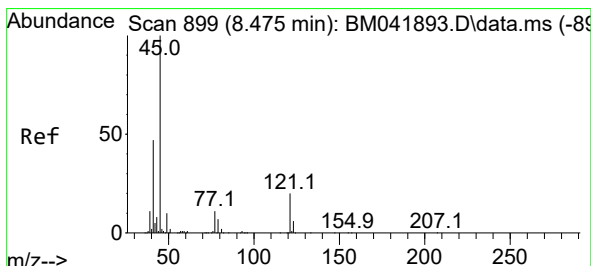
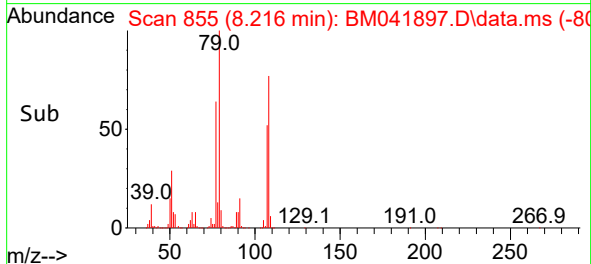
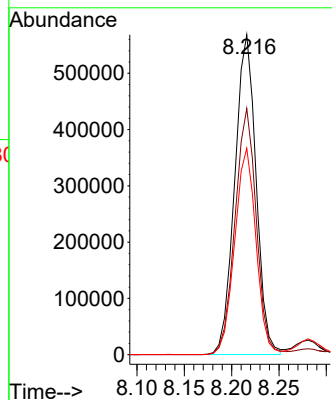
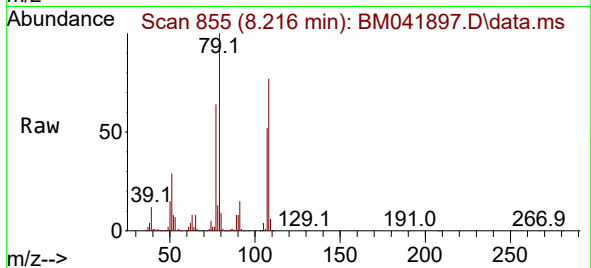




#15
Benzyl Alcohol
Concen: 40.813 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

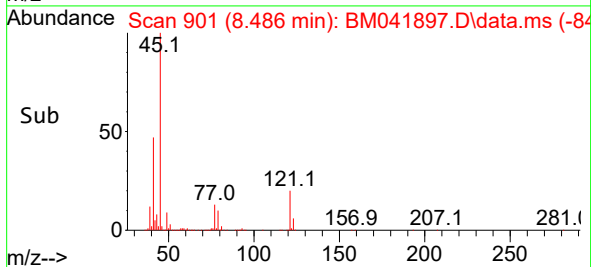
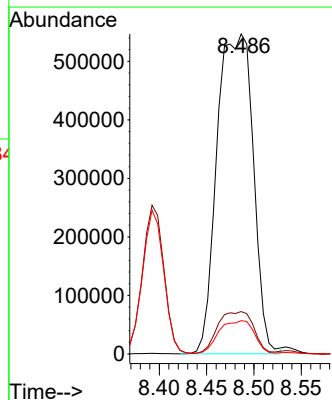
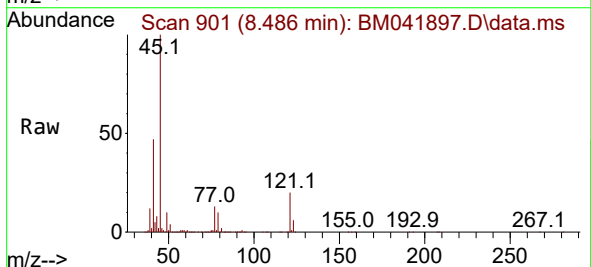
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

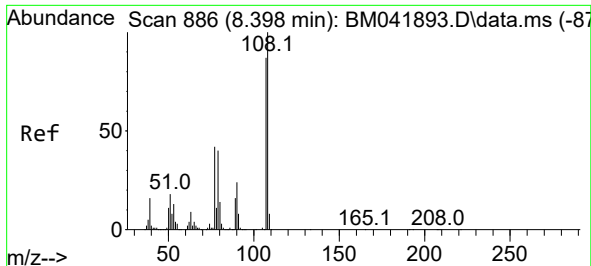
Tgt Ion: 79 Resp: 889354
Ion Ratio Lower Upper
79 100
108 76.9 61.4 92.0
77 64.5 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.039 ng
RT: 8.486 min Scan# 901
Delta R.T. 0.012 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion: 45 Resp: 1447159
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.4
79 10.4 0.0 29.6

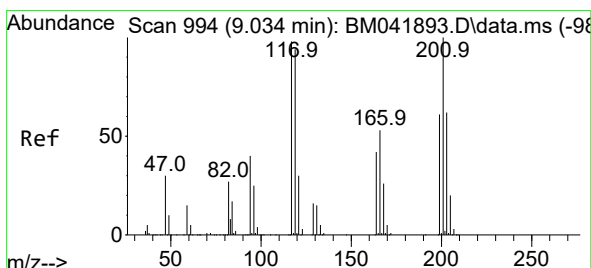
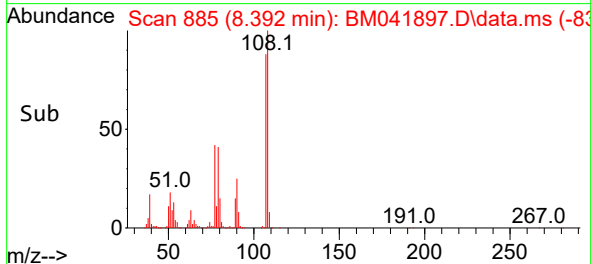
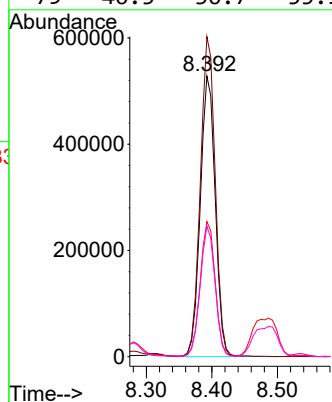
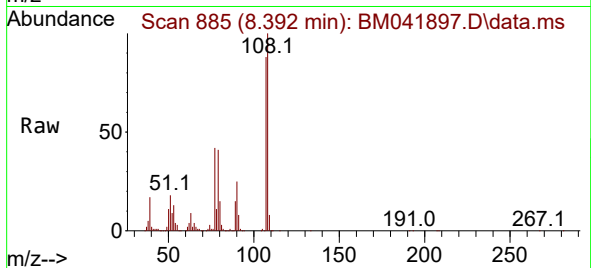




#17
2-Methylphenol
Concen: 40.589 ng
RT: 8.392 min Scan# 886
Delta R.T. -0.006 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

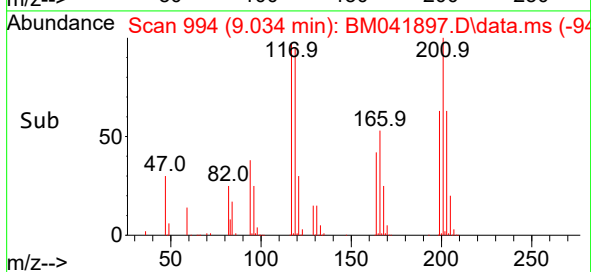
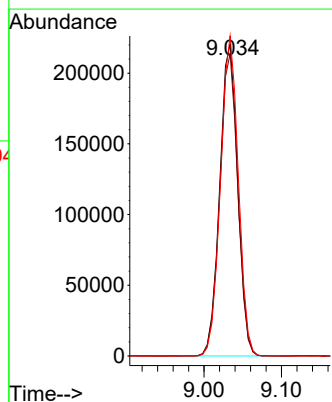
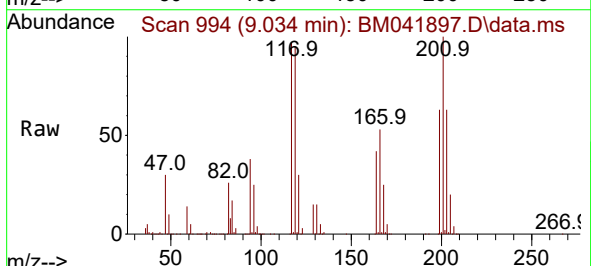
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

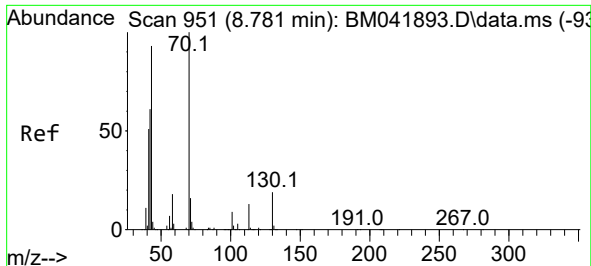
Tgt Ion:107 Resp: 836202
Ion Ratio Lower Upper
107 100
108 114.0 91.9 137.9
77 48.1 39.0 58.6
79 46.5 36.7 55.1



#18
Hexachloroethane
Concen: 39.491 ng
RT: 9.034 min Scan# 994
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion:117 Resp: 356437
Ion Ratio Lower Upper
117 100
119 97.0 77.2 115.8
201 102.6 81.9 122.9

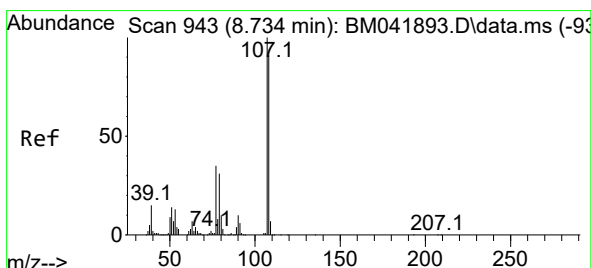
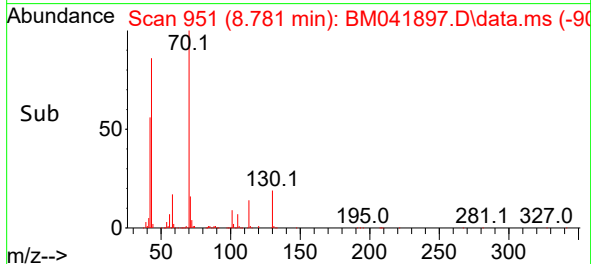
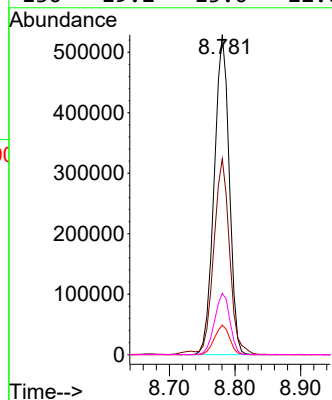
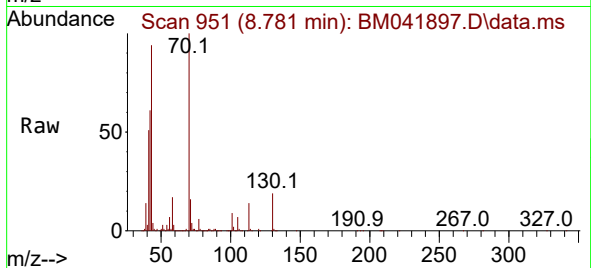




#19
n-Nitroso-di-n-propylamine
Concen: 41.038 ng
RT: 8.781 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

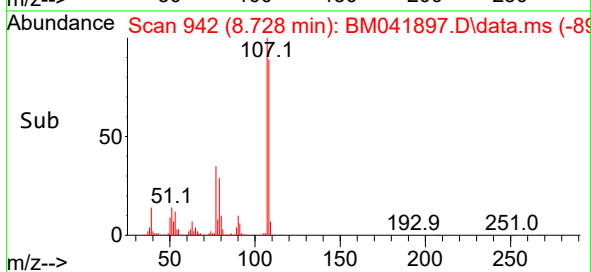
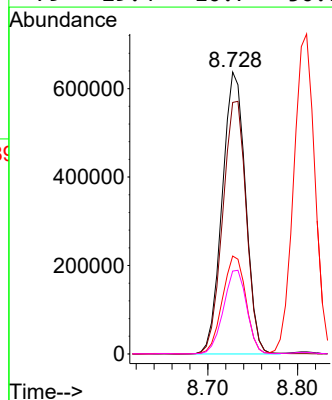
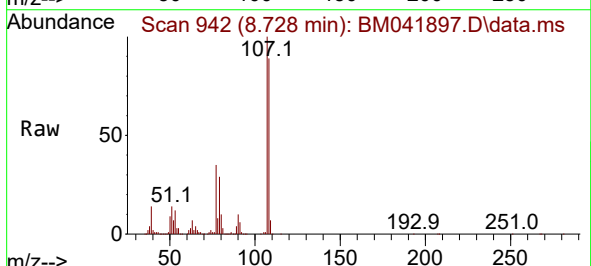
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

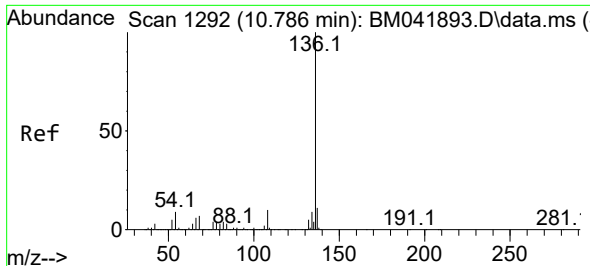
Tgt Ion: 70 Resp: 842015
Ion Ratio Lower Upper
70 100
42 61.2 49.2 73.8
101 9.2 7.0 10.6
130 19.2 15.0 22.6



#20
3+4-Methylphenols
Concen: 40.695 ng
RT: 8.728 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion: 107 Resp: 1150760
Ion Ratio Lower Upper
107 100
108 89.3 71.5 111.5
77 34.8 14.9 54.9
79 29.4 10.7 50.7

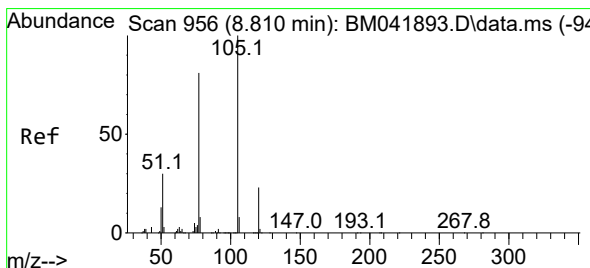
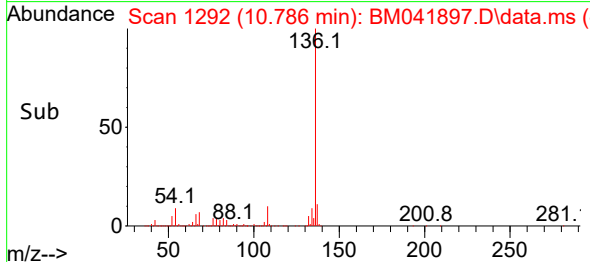
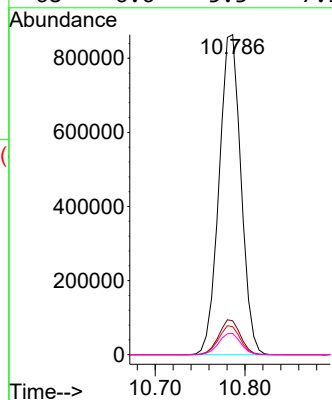
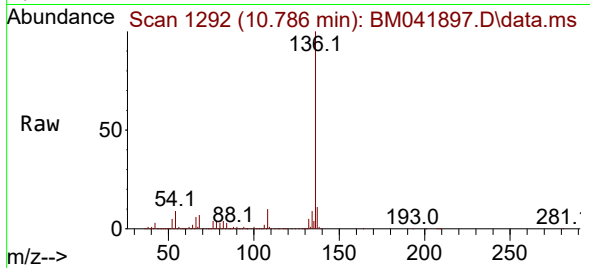




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

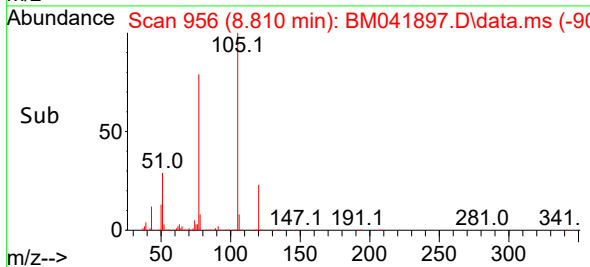
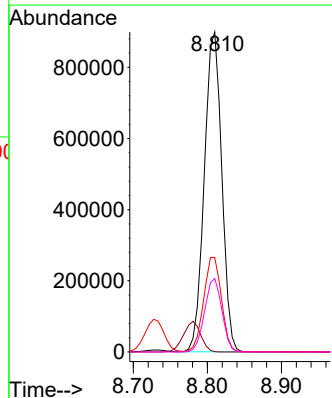
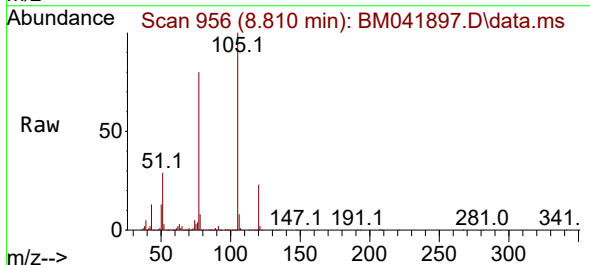
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

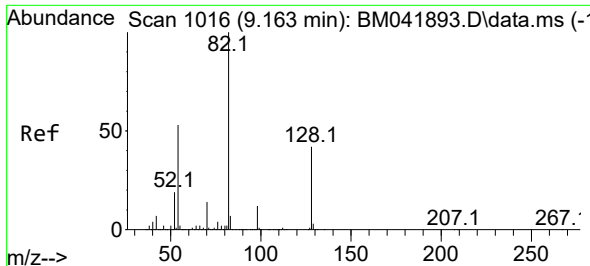
Tgt Ion:136 Resp: 1462947
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.8 7.0 10.4
68 6.6 5.3 7.9



#22
Acetophenone
Concen: 40.203 ng
RT: 8.810 min Scan# 956
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion:105 Resp: 1470299
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 29.5 24.3 36.5
120 23.0 18.2 27.4





#23

Nitrobenzene-d5

Concen: 80.741 ng

RT: 9.157 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

ICVBM091823

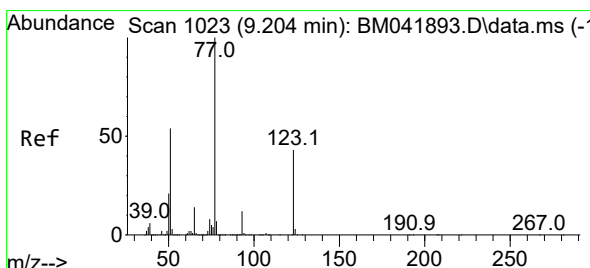
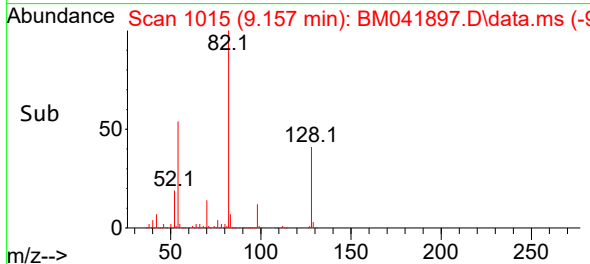
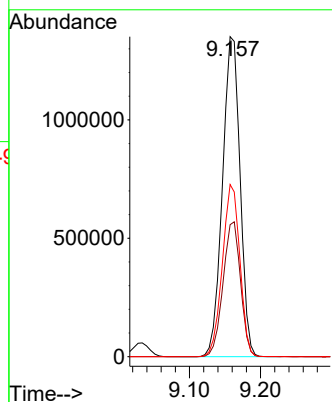
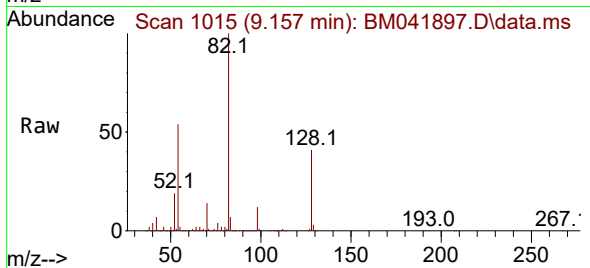
Tgt Ion: 82 Resp: 2319928

Ion Ratio Lower Upper

82 100

128 41.2 33.8 50.6

54 53.8 42.8 64.2



#24

Nitrobenzene

Concen: 40.365 ng

RT: 9.204 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

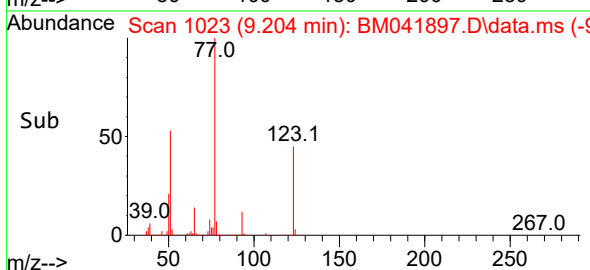
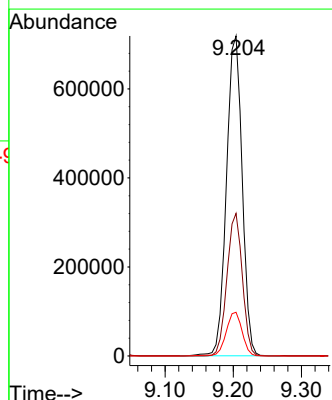
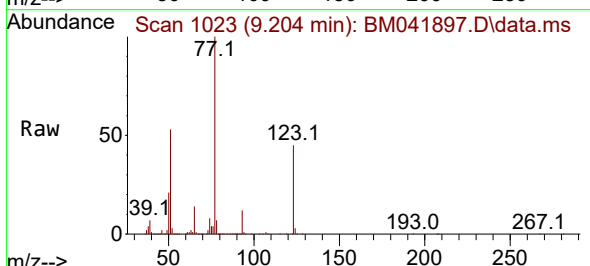
Tgt Ion: 77 Resp: 1151178

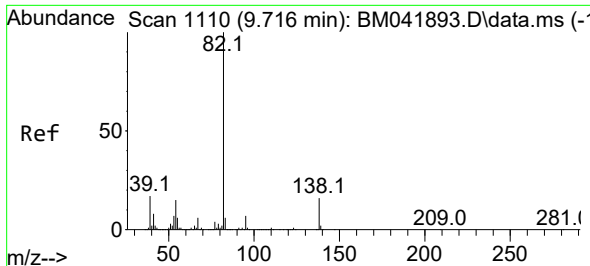
Ion Ratio Lower Upper

77 100

123 44.6 34.6 52.0

65 13.6 11.1 16.7

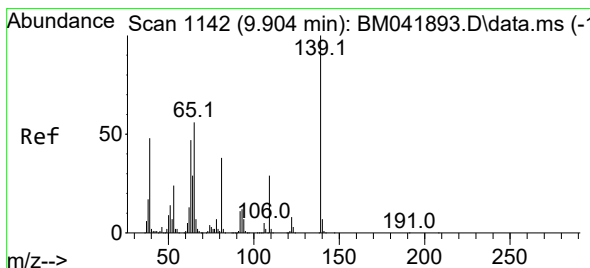
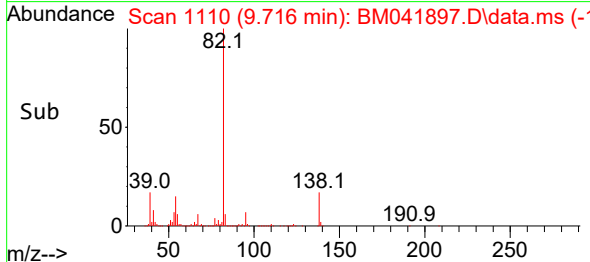
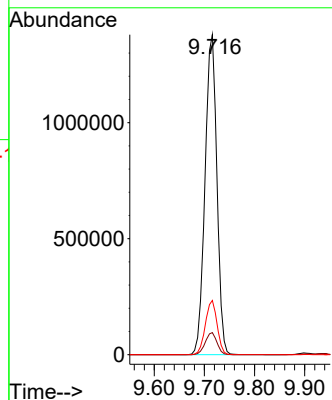
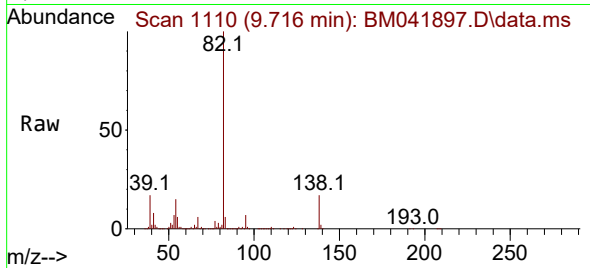




#25
Isophorone
Concen: 40.044 ng
RT: 9.716 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

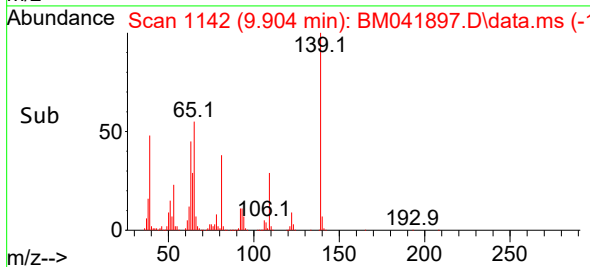
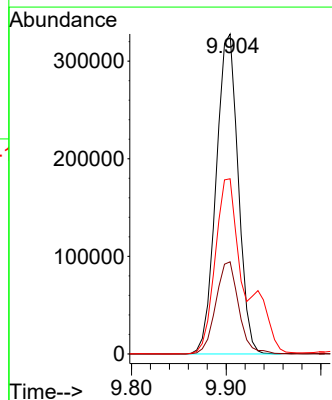
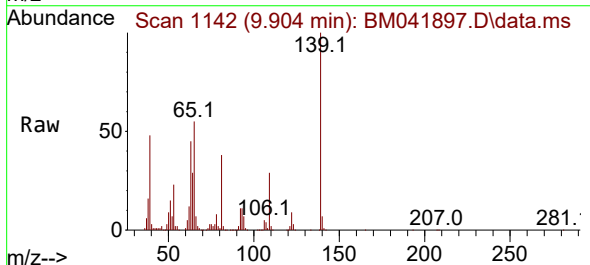
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

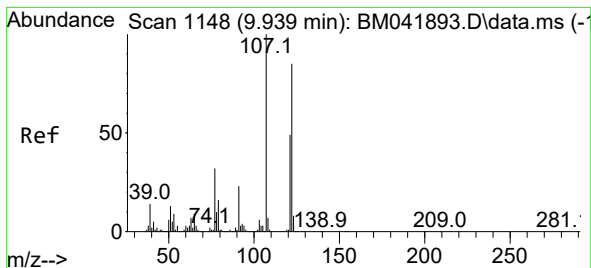
Tgt Ion: 82 Resp: 2270954
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 16.9 13.1 19.7



#26
2-Nitrophenol
Concen: 41.315 ng
RT: 9.904 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion: 139 Resp: 530696
Ion Ratio Lower Upper
139 100
109 28.8 23.0 34.4
65 54.8 44.5 66.7

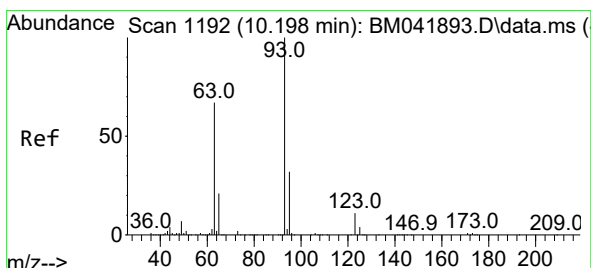
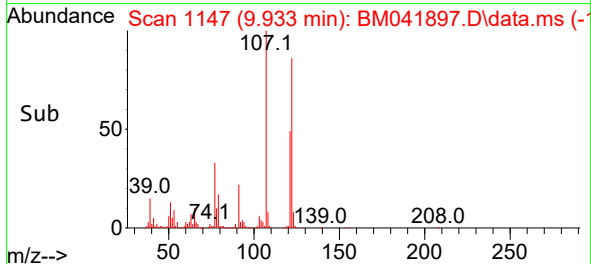
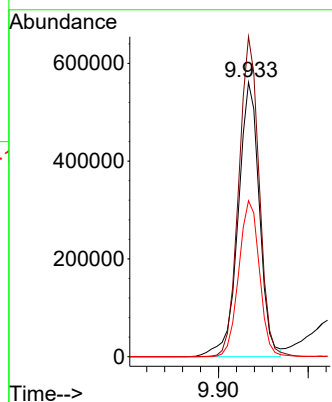
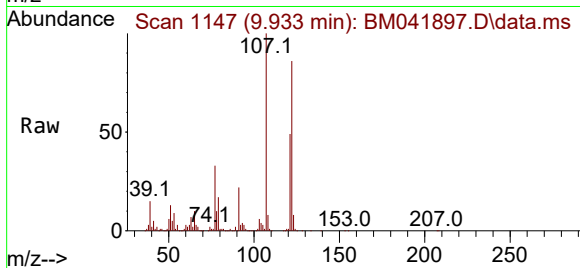




#27
2,4-Dimethylphenol
Concen: 39.926 ng
RT: 9.933 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

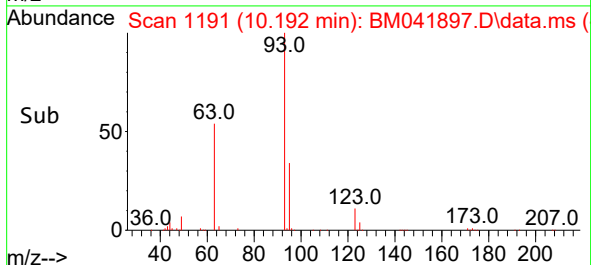
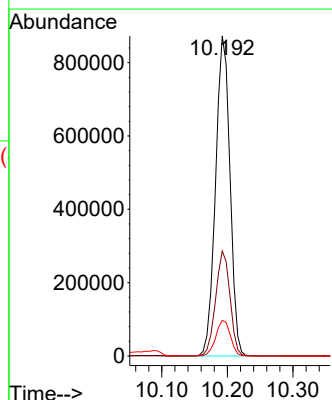
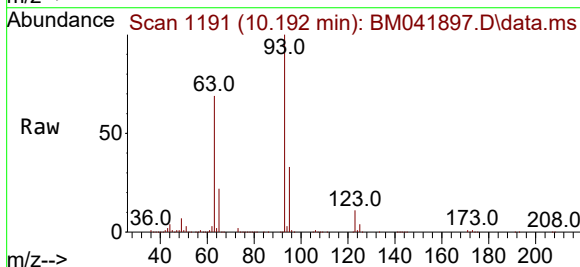
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

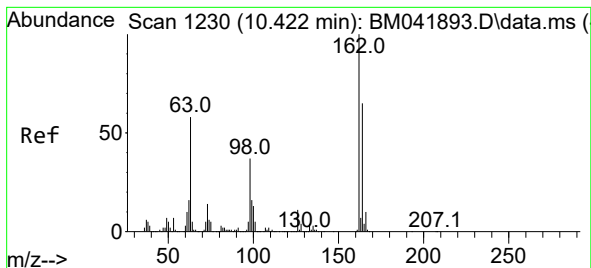
Tgt Ion:122 Resp: 922353
Ion Ratio Lower Upper
122 100
107 116.6 93.8 140.6
121 56.8 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.089 ng
RT: 10.192 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion: 93 Resp: 1328759
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.737 ng

RT: 10.422 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

ICVBM091823

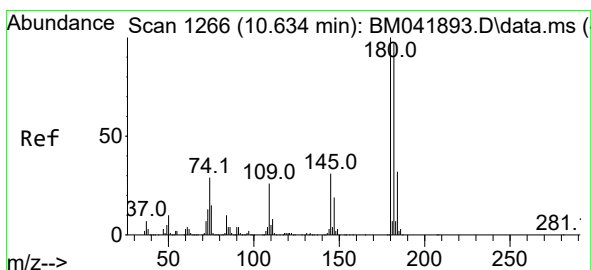
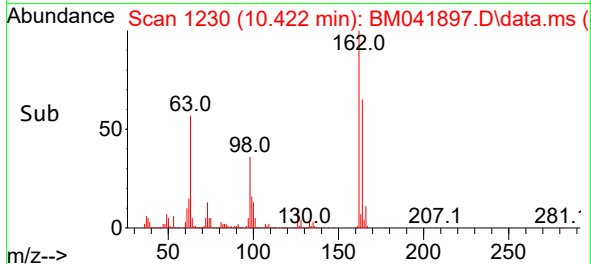
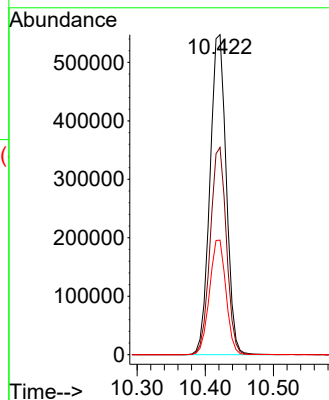
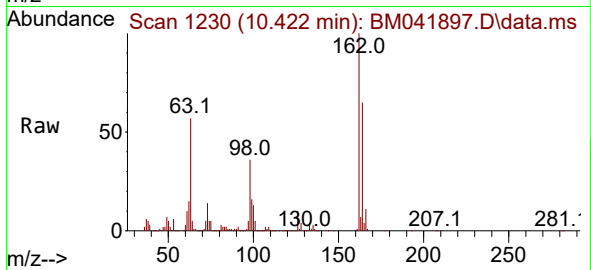
Tgt Ion:162 Resp: 910732

Ion Ratio Lower Upper

162 100

164 64.8 45.2 85.2

98 35.8 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 39.769 ng

RT: 10.633 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

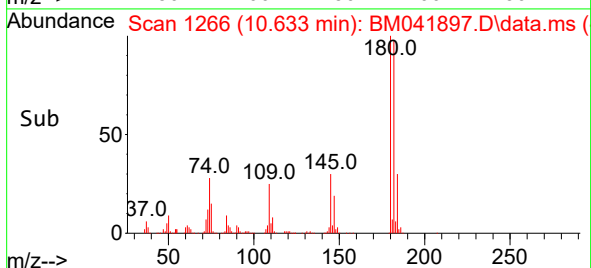
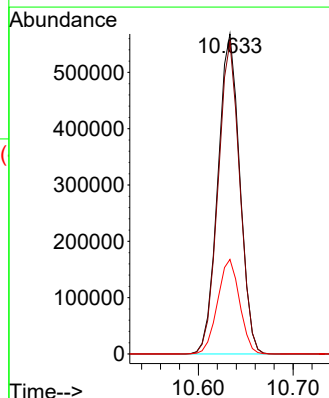
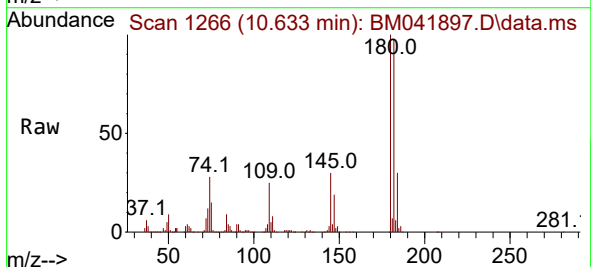
Tgt Ion:180 Resp: 912811

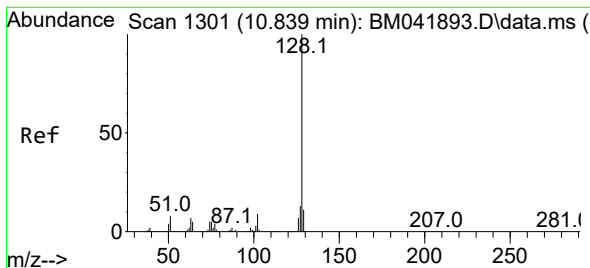
Ion Ratio Lower Upper

180 100

182 97.5 77.7 116.5

145 29.6 24.6 37.0





#31

Naphthalene

Concen: 39.851 ng

RT: 10.833 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

ICVBM091823

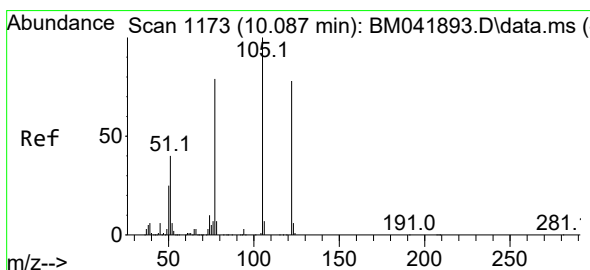
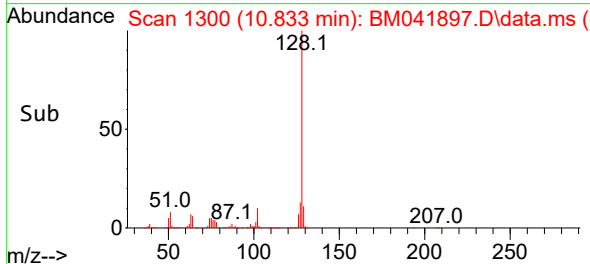
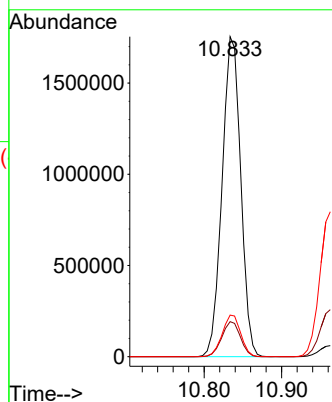
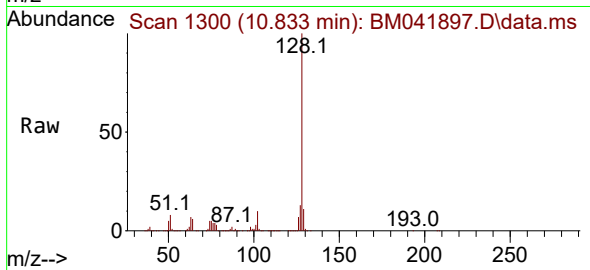
Tgt Ion:128 Resp: 2935062

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 42.514 ng

RT: 10.086 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

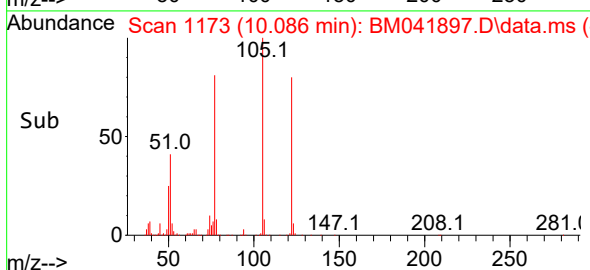
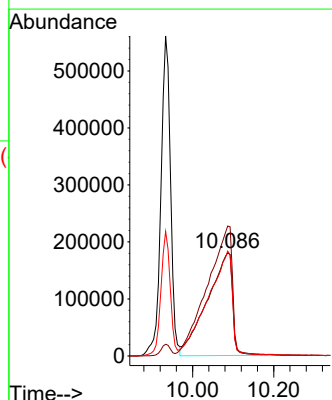
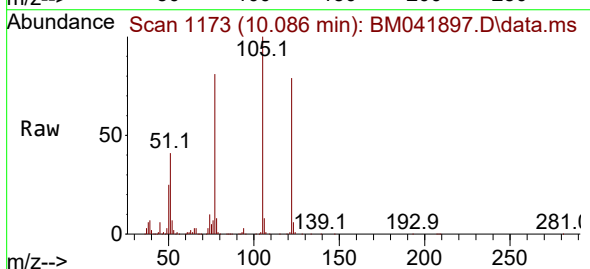
Tgt Ion:122 Resp: 773828

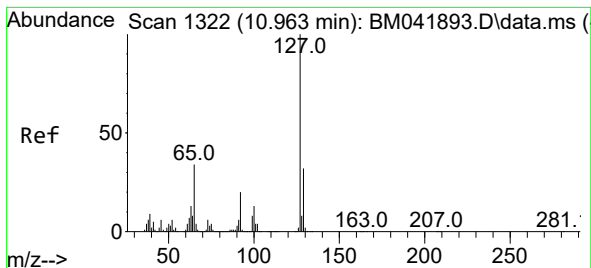
Ion Ratio Lower Upper

122 100

105 125.9 103.7 143.7

77 101.5 79.3 119.3



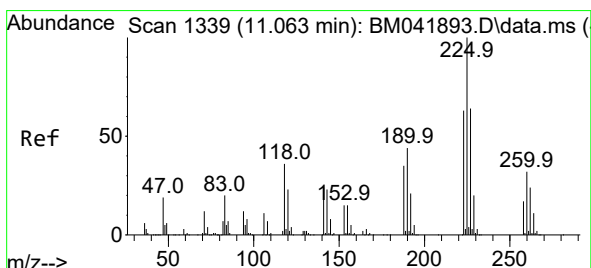
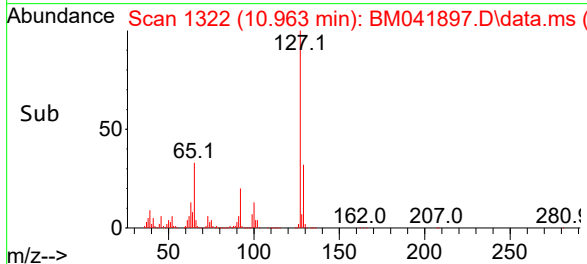
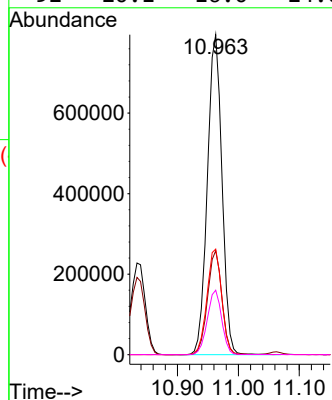
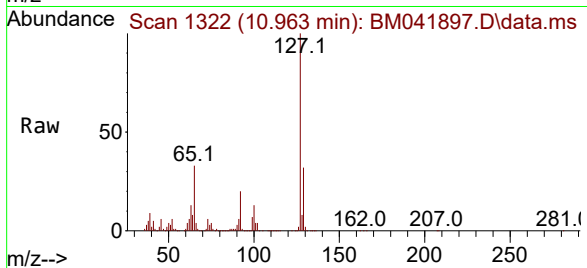


#33
4-Chloroaniline
Concen: 40.133 ng
RT: 10.963 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Instrument :
BNA_M
ClientSampleId :
ICVBM091823

Tgt Ion:127 Resp: 1322951

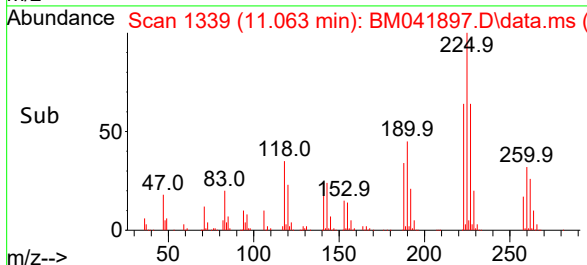
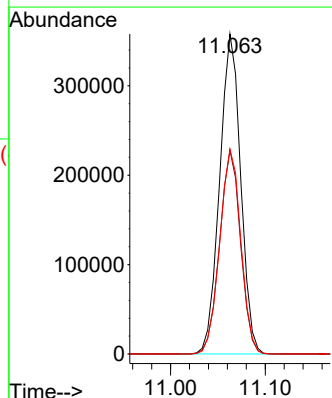
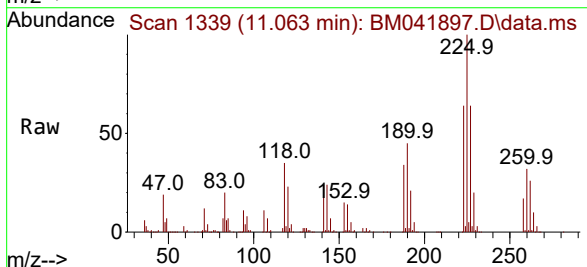
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	33.0	27.3	40.9
92	20.1	16.0	24.0

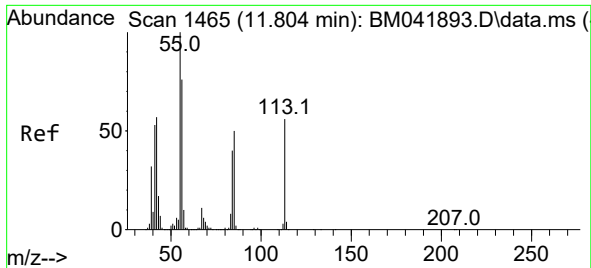


#34
Hexachlorobutadiene
Concen: 39.356 ng
RT: 11.063 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion:225 Resp: 551759

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.7	76.1
227	64.0	51.4	77.0

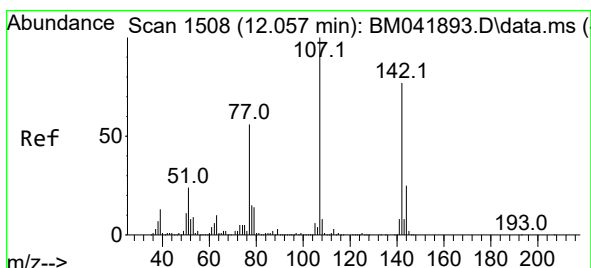
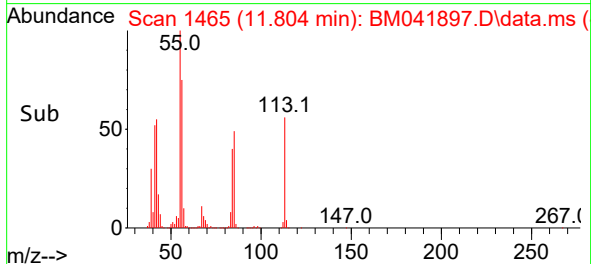
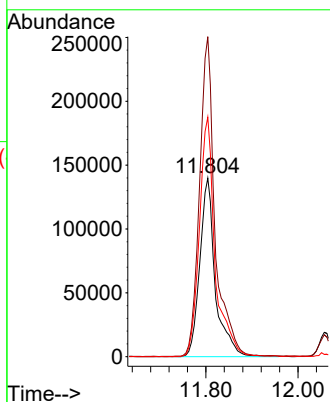
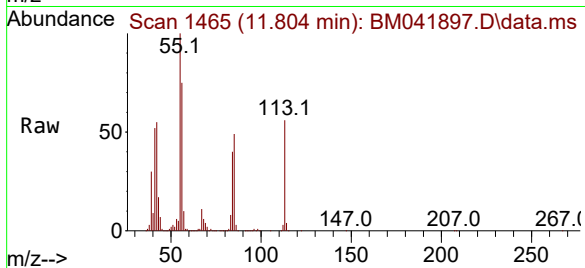




#35
 Caprolactam
 Concen: 40.997 ng
 RT: 11.804 min Scan# 1465
 Delta R.T. -0.000 min
 Lab File: BM041897.D
 Acq: 18 Sep 2023 16:12

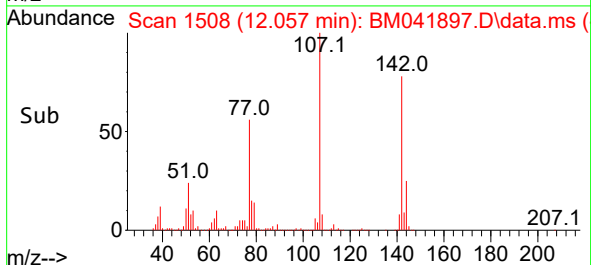
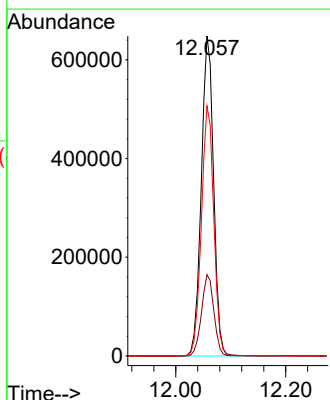
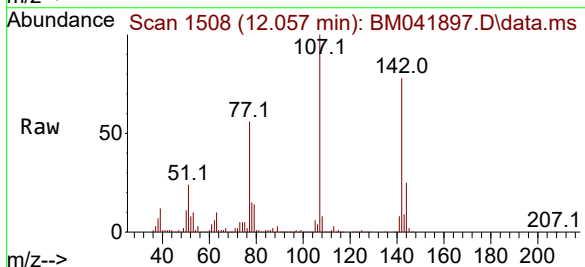
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM091823

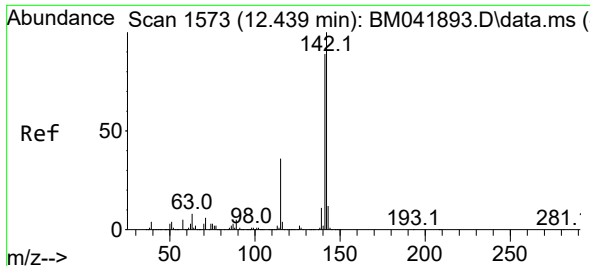
Tgt Ion:113 Resp: 327578
 Ion Ratio Lower Upper
 113 100
 55 179.3 158.5 198.5
 56 134.2 115.8 155.8



#36
 4-Chloro-3-methylphenol
 Concen: 40.370 ng
 RT: 12.057 min Scan# 1508
 Delta R.T. -0.000 min
 Lab File: BM041897.D
 Acq: 18 Sep 2023 16:12

Tgt Ion:107 Resp: 1005820
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.2 30.2
 142 78.1 61.7 92.5





#37

2-Methylnaphthalene

Concen: 40.134 ng

RT: 12.439 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

ICVBM091823

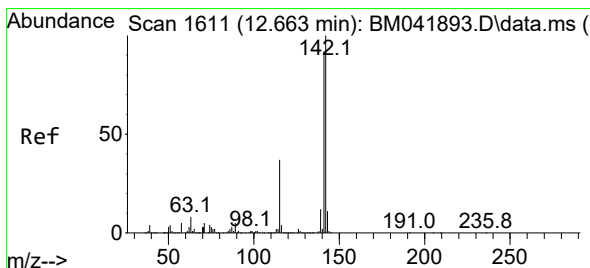
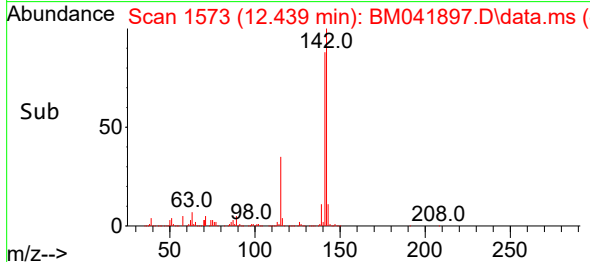
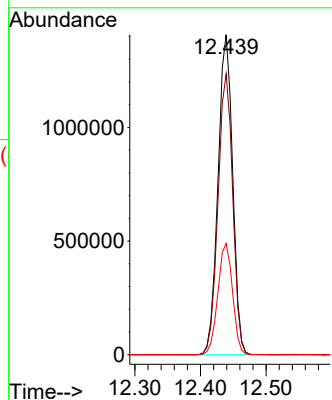
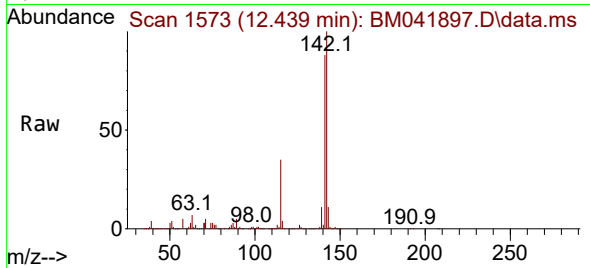
Tgt Ion:142 Resp: 2173342

Ion Ratio Lower Upper

142 100

141 87.7 70.9 106.3

115 34.8 28.5 42.7



#38

1-Methylnaphthalene

Concen: 39.810 ng

RT: 12.657 min Scan# 1610

Delta R.T. -0.006 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

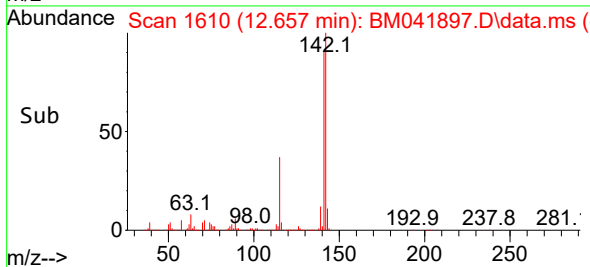
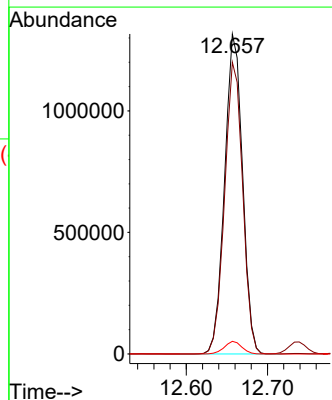
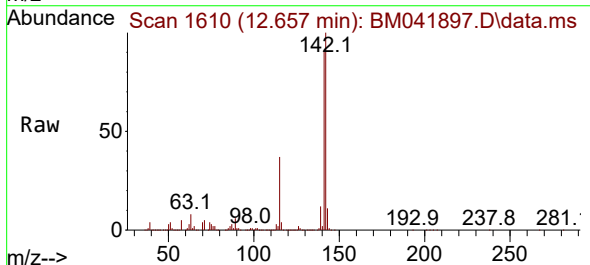
Tgt Ion:142 Resp: 2024670

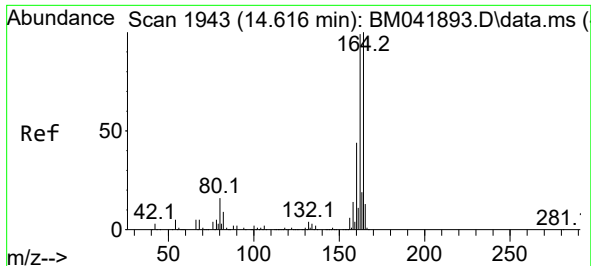
Ion Ratio Lower Upper

142 100

141 91.2 73.8 110.6

116 4.0 3.0 4.6

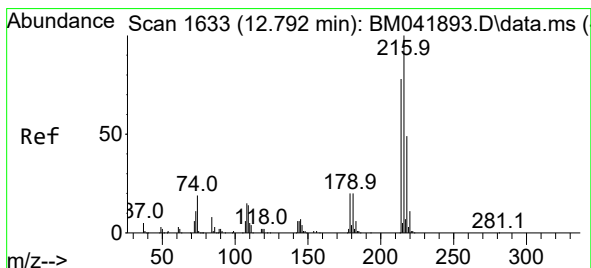
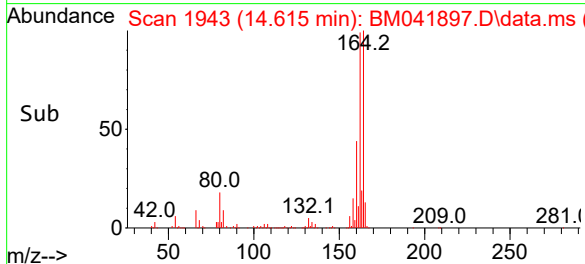
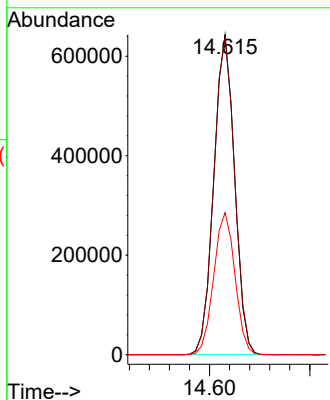
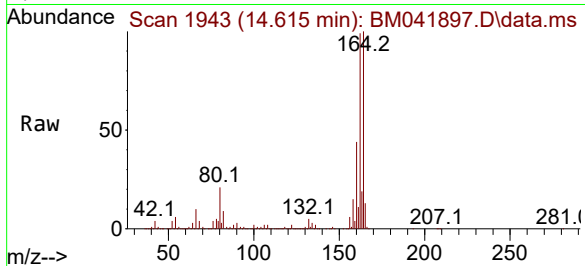




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 1943
Delta R.T. -0.001 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

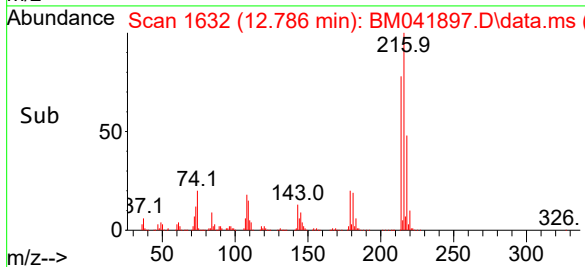
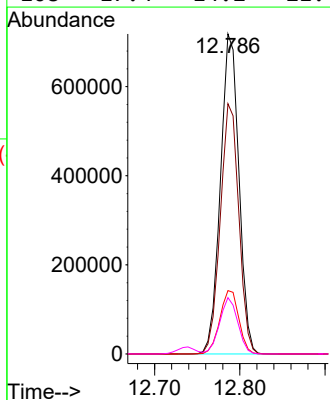
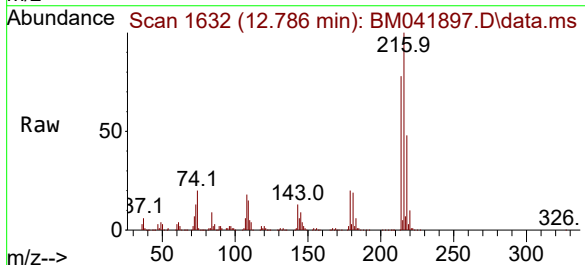
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

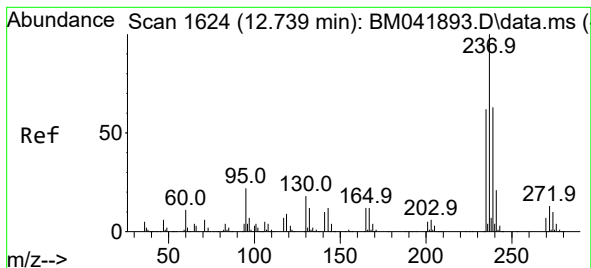
Tgt Ion:164 Resp: 922532
Ion Ratio Lower Upper
164 100
162 99.0 79.3 118.9
160 44.4 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.406 ng
RT: 12.786 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion:216 Resp: 1081035
Ion Ratio Lower Upper
216 100
214 78.3 62.6 93.8
179 20.4 16.3 24.5
108 17.4 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 41.096 ng

RT: 12.739 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

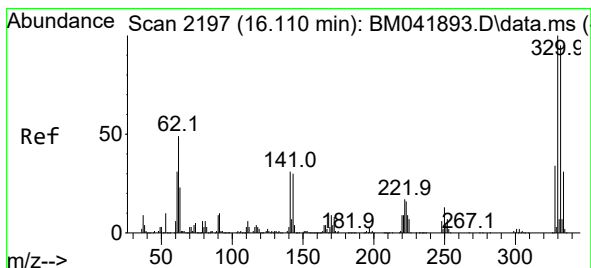
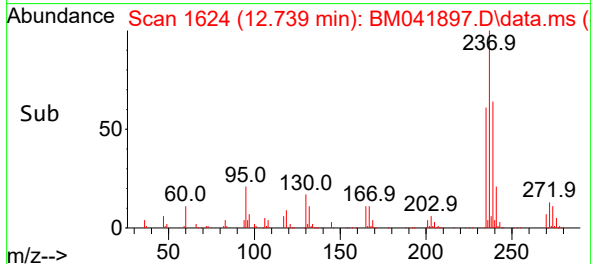
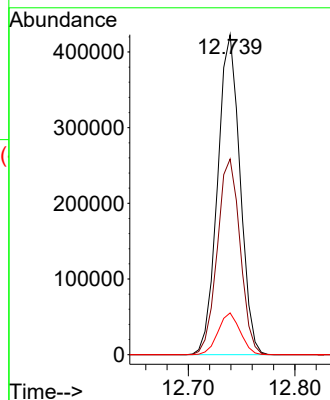
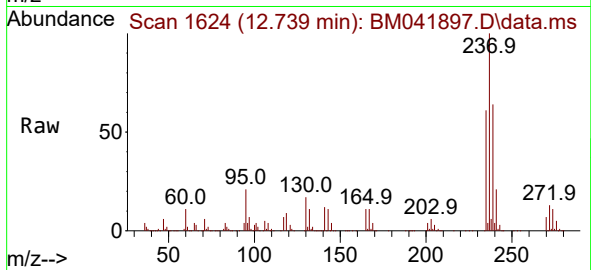
BNA_M

ClientSampleId :

ICVBM091823

Tgt Ion:237 Resp: 618237

Ion	Ratio	Lower	Upper
237	100		
235	61.2	42.0	82.0
272	13.1	0.0	32.9



#42

2,4,6-Tribromophenol

Concen: 80.577 ng

RT: 16.110 min Scan# 2197

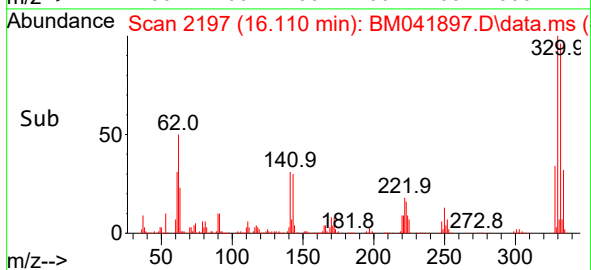
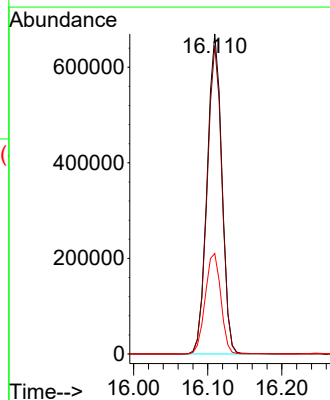
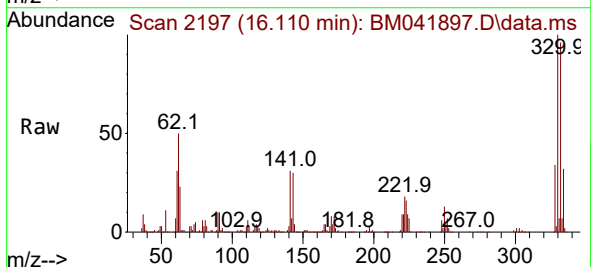
Delta R.T. -0.000 min

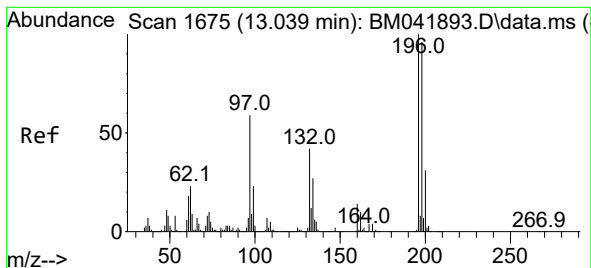
Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Tgt Ion:330 Resp: 927480

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.8	116.6
141	33.3	27.0	40.4





#43

2,4,6-Trichlorophenol

Concen: 40.645 ng

RT: 13.039 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

ICVBM091823

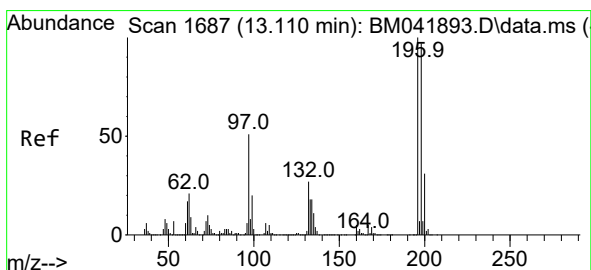
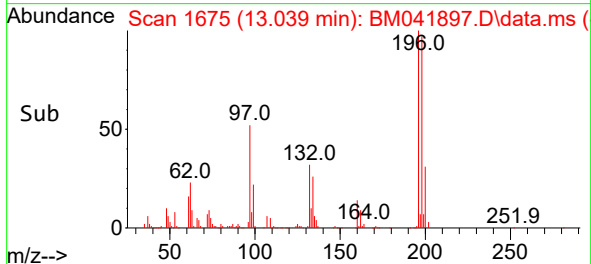
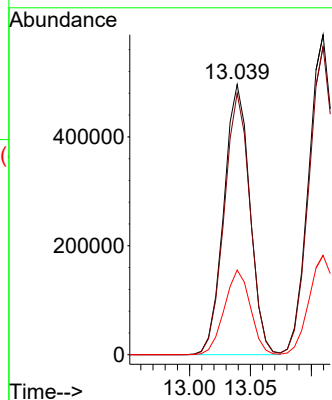
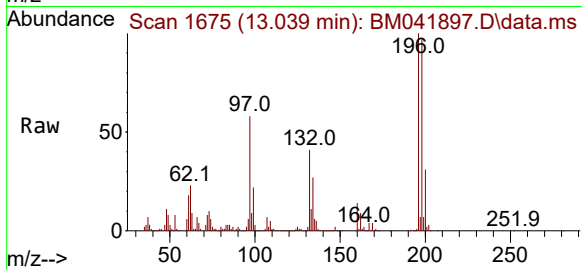
Tgt Ion:196 Resp: 740040

Ion Ratio Lower Upper

196 100

198 96.7 76.9 115.3

200 31.3 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 40.706 ng

RT: 13.110 min Scan# 1687

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Tgt Ion:196 Resp: 867407

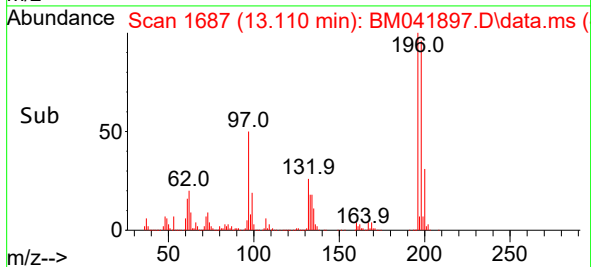
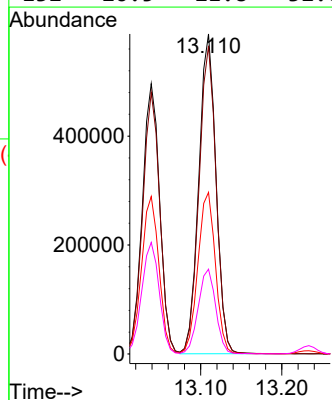
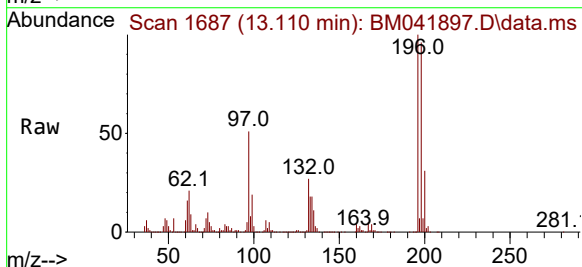
Ion Ratio Lower Upper

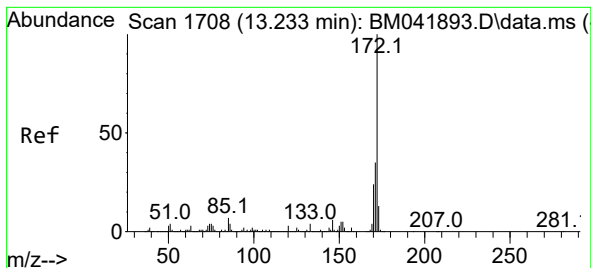
196 100

198 96.3 77.2 115.8

97 50.5 41.1 61.7

132 26.5 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 79.861 ng

RT: 13.233 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

ICVBM091823

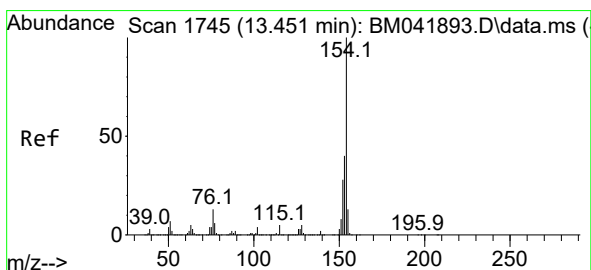
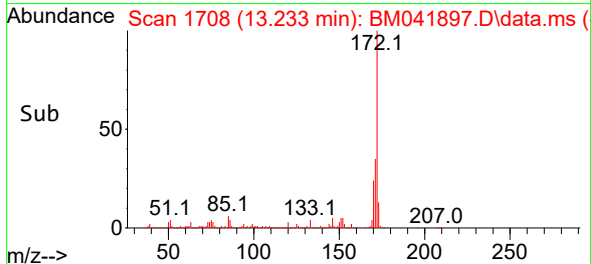
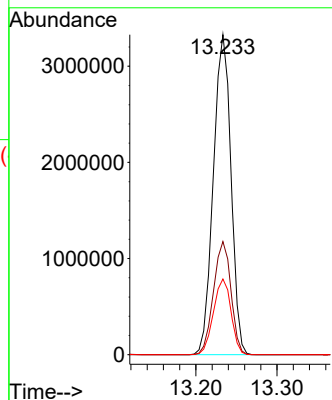
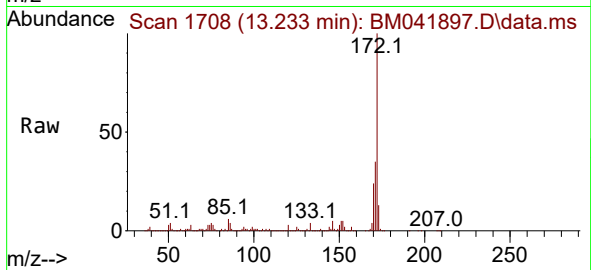
Tgt Ion:172 Resp: 5019487

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 40.114 ng

RT: 13.451 min Scan# 1745

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

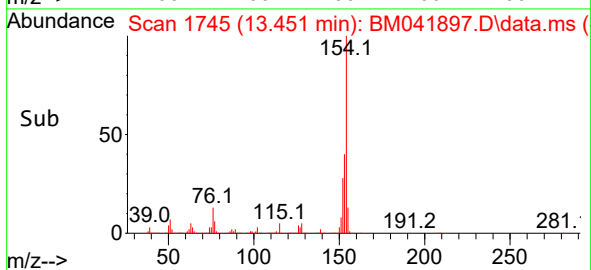
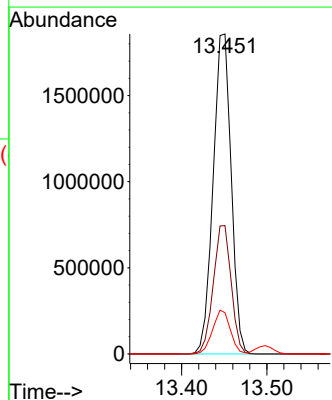
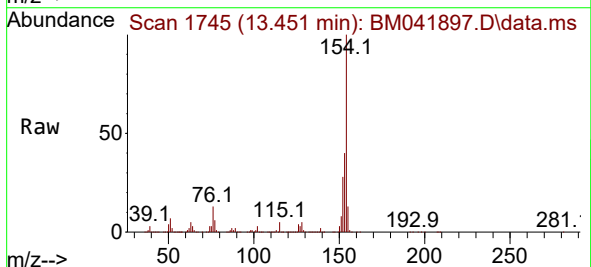
Tgt Ion:154 Resp: 2730370

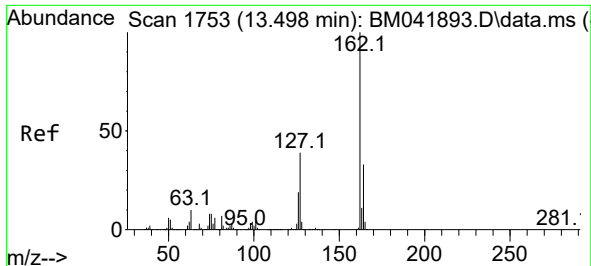
Ion Ratio Lower Upper

154 100

153 40.1 19.9 59.9

76 12.9 0.0 33.1

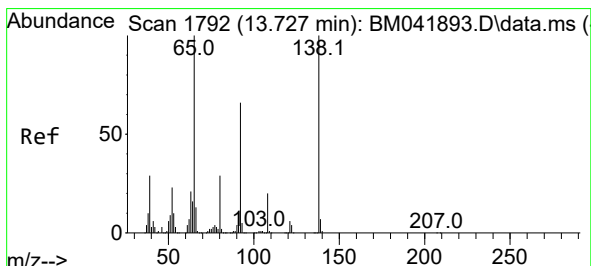
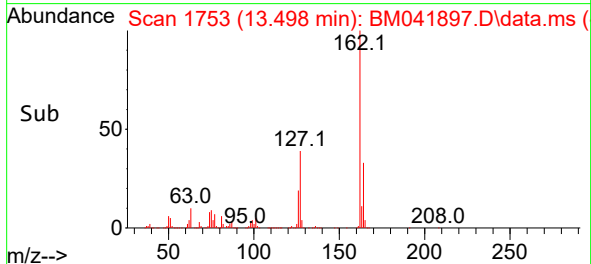
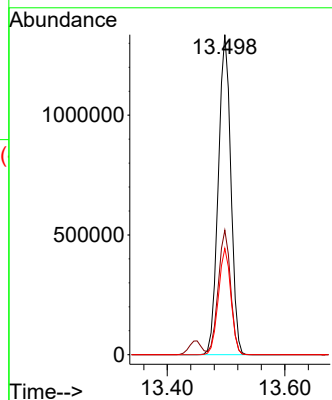
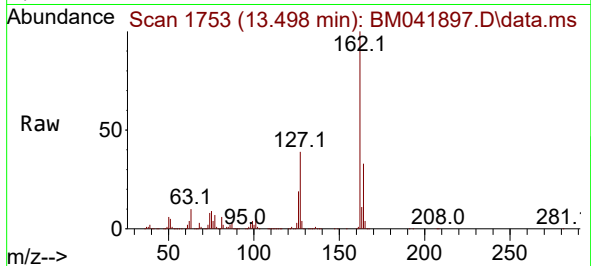




#47
2-Chloronaphthalene
Concen: 39.887 ng
RT: 13.498 min Scan# 1753
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

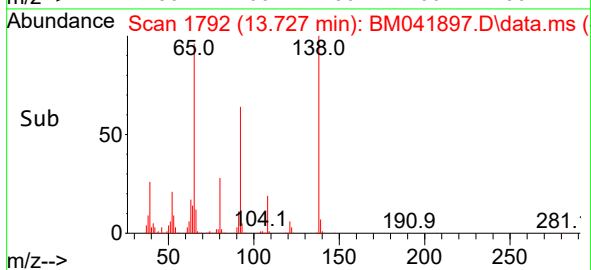
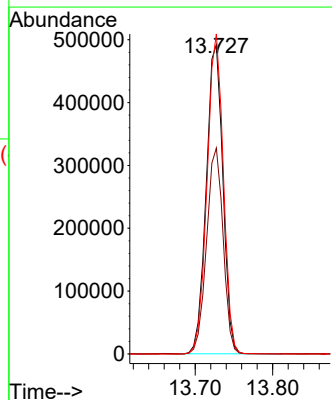
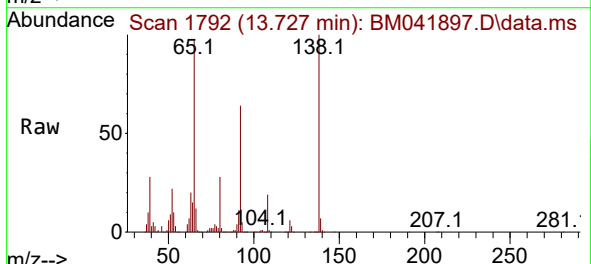
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

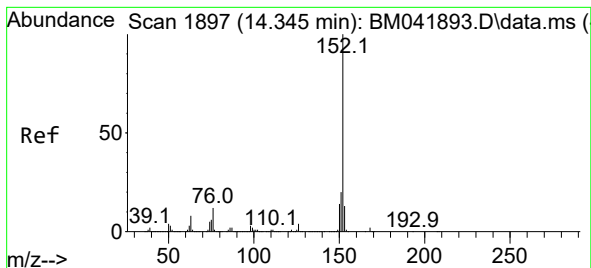
Tgt Ion:162 Resp: 1977196
Ion Ratio Lower Upper
162 100
127 38.9 31.0 46.4
164 33.2 26.1 39.1



#48
2-Nitroaniline
Concen: 41.357 ng
RT: 13.727 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion: 65 Resp: 732528
Ion Ratio Lower Upper
65 100
92 66.5 52.8 79.2
138 103.4 80.3 120.5





#49

Acenaphthylene

Concen: 40.139 ng

RT: 14.345 min Scan# 1897

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

ICVBM091823

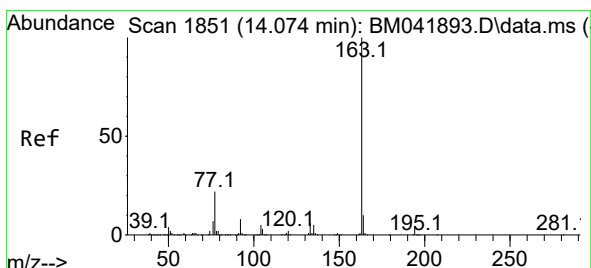
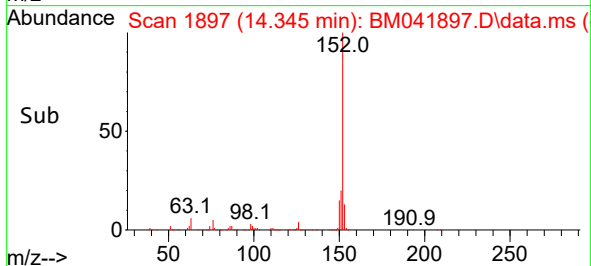
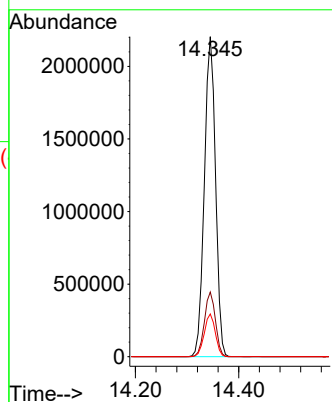
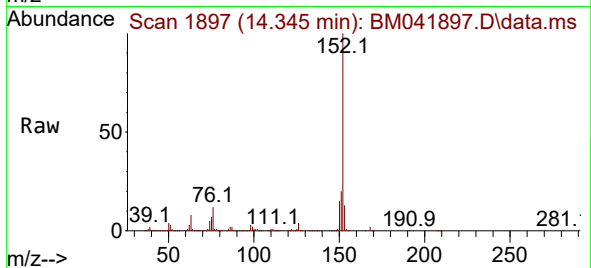
Tgt Ion:152 Resp: 3301967

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 39.776 ng

RT: 14.074 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

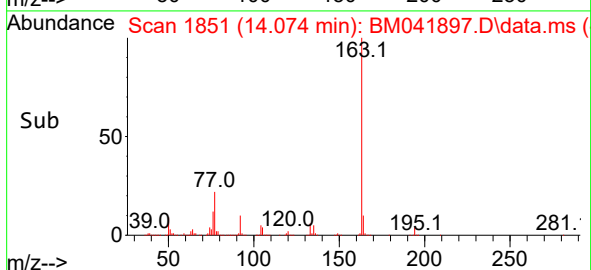
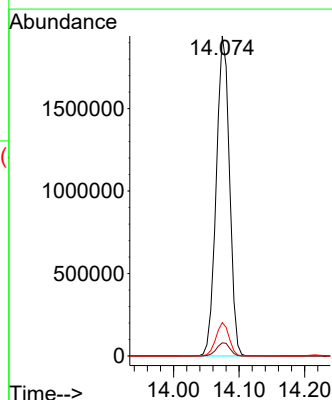
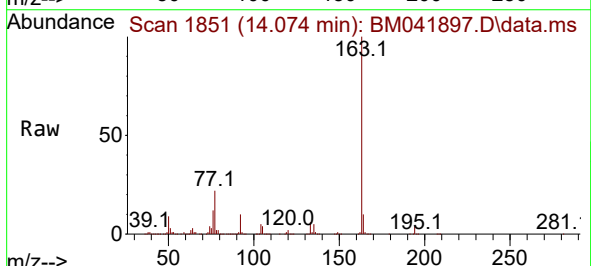
Tgt Ion:163 Resp: 2712762

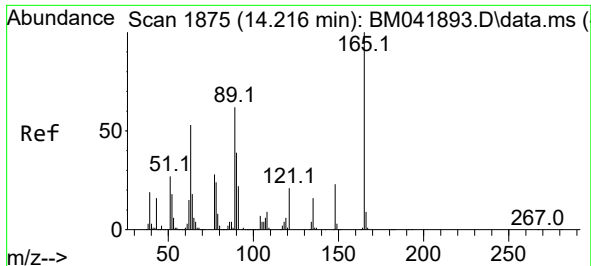
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.4 8.2 12.4

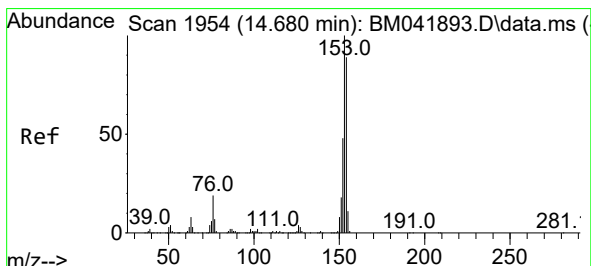
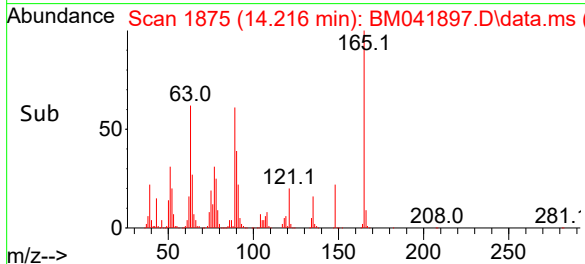
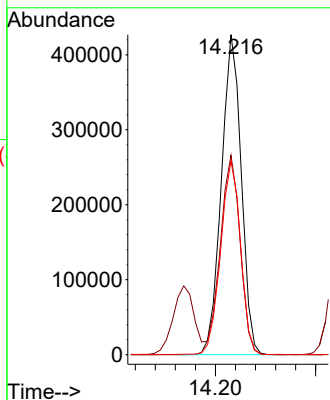
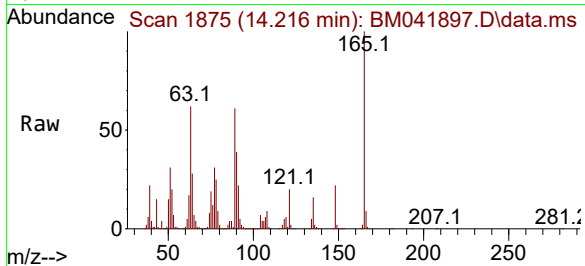




#51
2,6-Dinitrotoluene
Concen: 40.575 ng
RT: 14.216 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

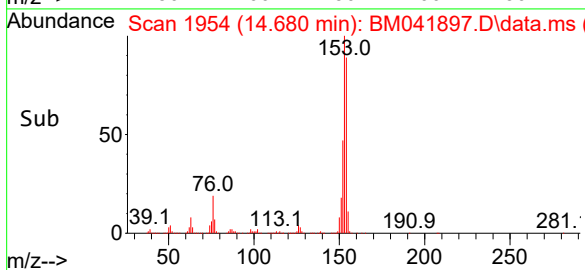
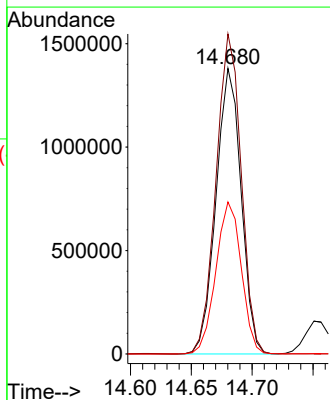
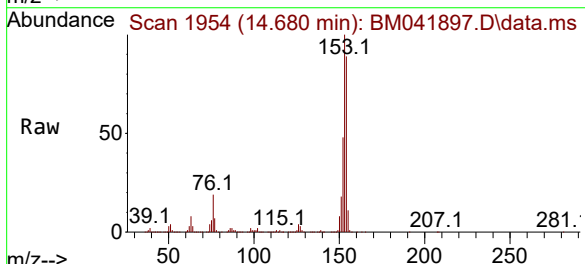
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

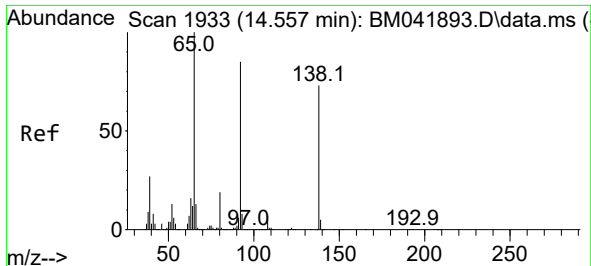
Tgt Ion:165 Resp: 586434
Ion Ratio Lower Upper
165 100
63 62.3 50.2 75.2
89 60.5 49.3 73.9



#52
Acenaphthene
Concen: 40.011 ng
RT: 14.680 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion:154 Resp: 1979656
Ion Ratio Lower Upper
154 100
153 112.1 90.3 135.5
152 53.2 43.4 65.2

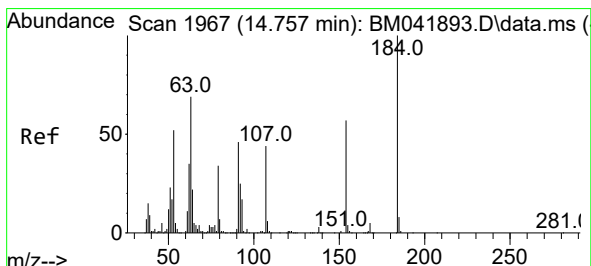
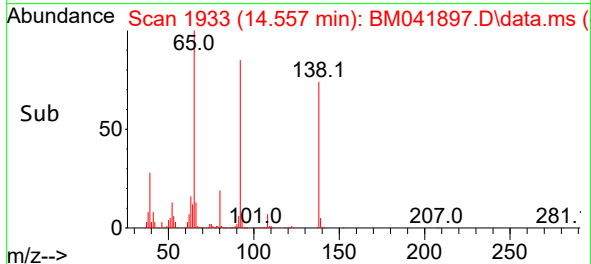
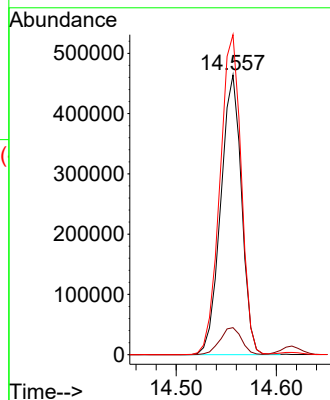
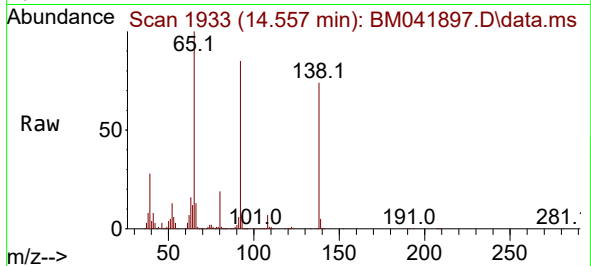




#53
3-Nitroaniline
Concen: 41.269 ng
RT: 14.557 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

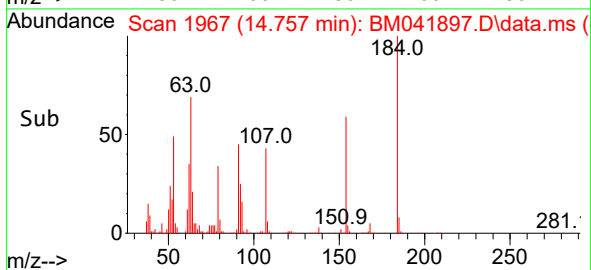
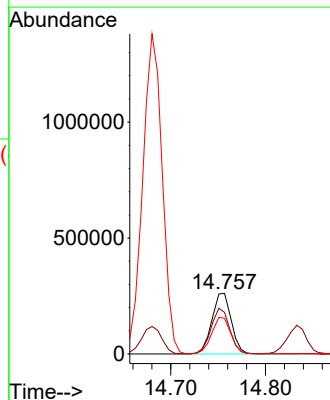
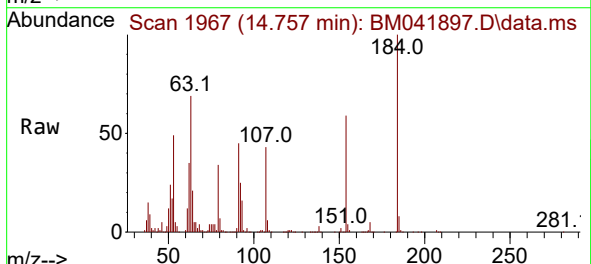
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BNA_M
ClientSampleId :
ICVBM091823

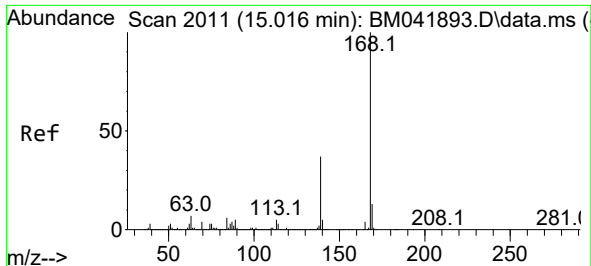
Tgt Ion:138 Resp: 667607
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 114.4 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 41.205 ng
RT: 14.757 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion:184 Resp: 371948
Ion Ratio Lower Upper
184 100
63 68.7 55.8 83.8
154 58.9 48.9 73.3

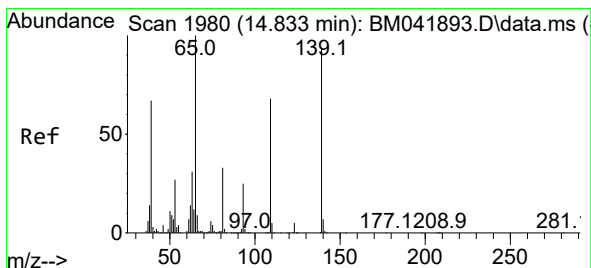
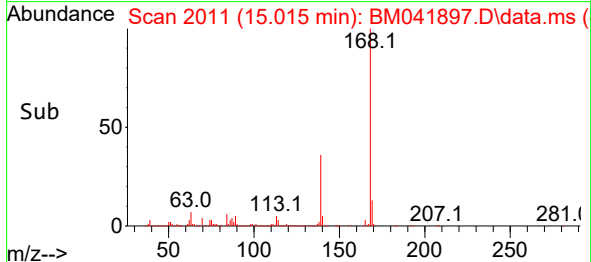
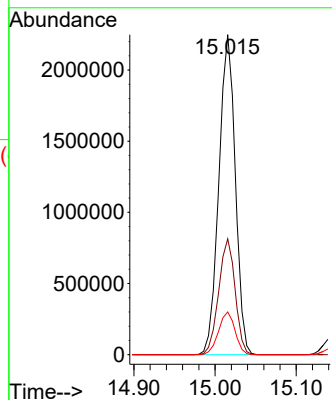
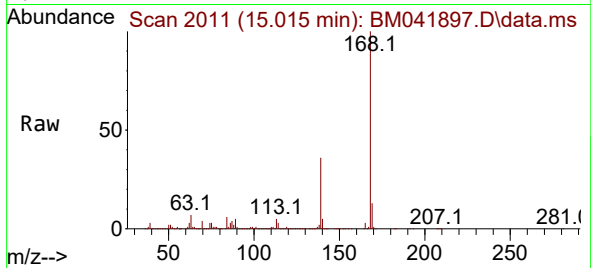




#55
Dibenzofuran
Concen: 39.648 ng
RT: 15.015 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

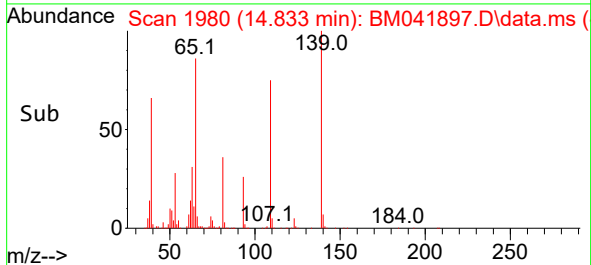
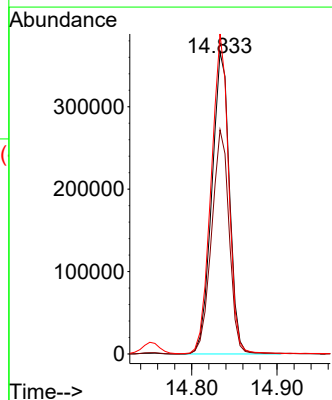
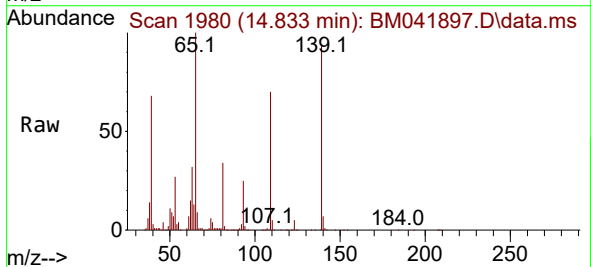
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

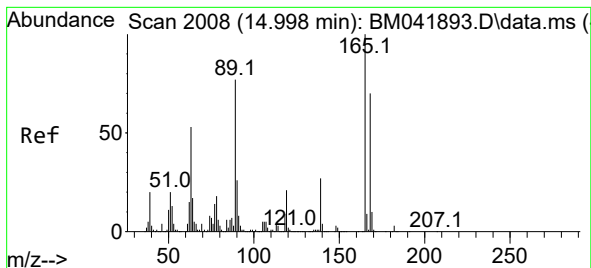
Tgt Ion:168 Resp: 3166650
Ion Ratio Lower Upper
168 100
139 36.2 29.4 44.2
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 41.141 ng
RT: 14.833 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion:139 Resp: 527842
Ion Ratio Lower Upper
139 100
109 74.3 53.4 93.4
65 106.1 87.4 127.4

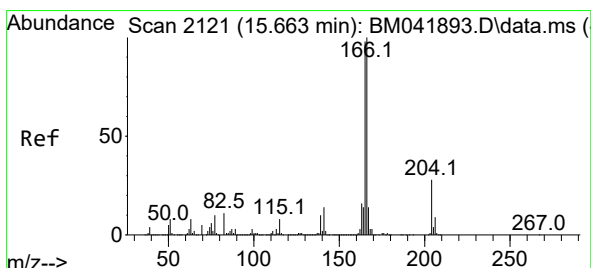
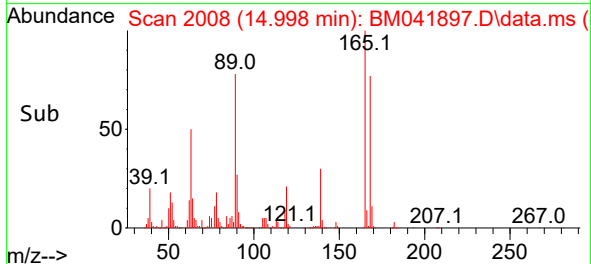
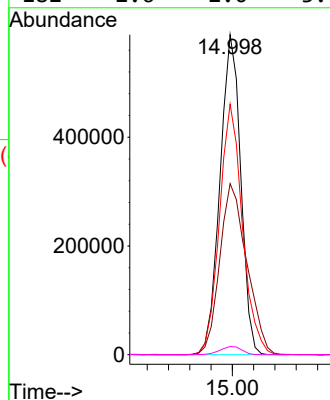
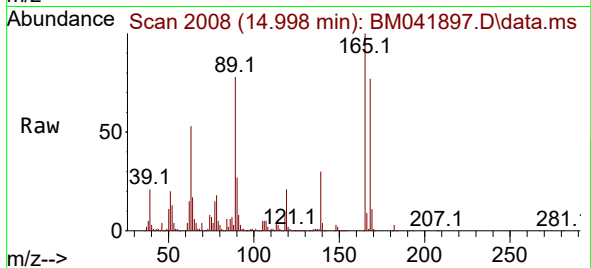




#57
2,4-Dinitrotoluene
Concen: 41.507 ng
RT: 14.998 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

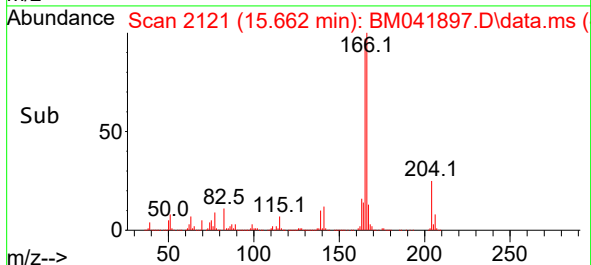
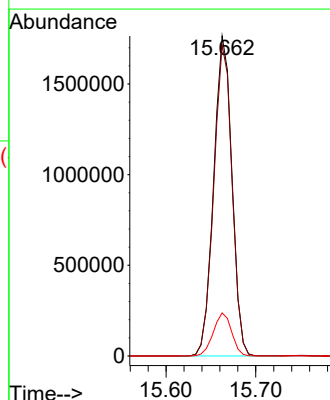
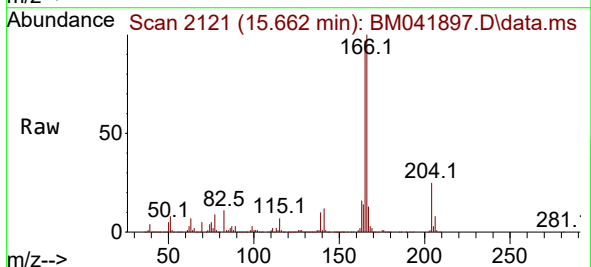
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

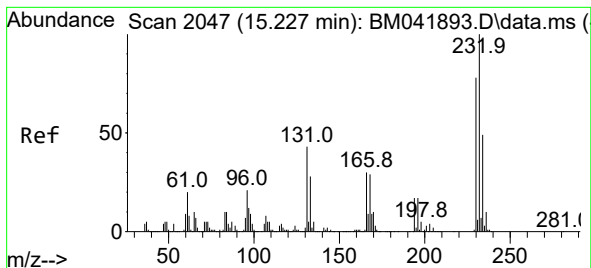
Tgt Ion:165 Resp: 793703
Ion Ratio Lower Upper
165 100
63 53.4 42.3 63.5
89 78.3 61.8 92.6
182 2.6 2.0 3.0



#58
Fluorene
Concen: 39.584 ng
RT: 15.662 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion:166 Resp: 2492456
Ion Ratio Lower Upper
166 100
165 97.3 78.2 117.2
167 13.5 11.0 16.6

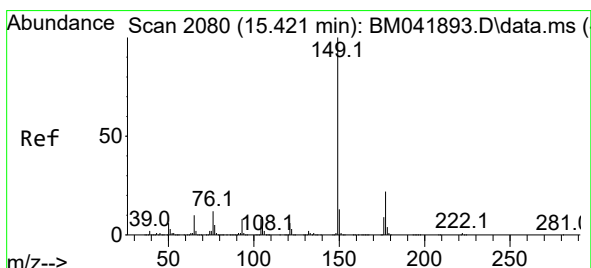
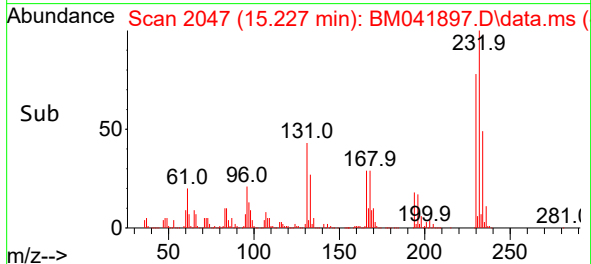
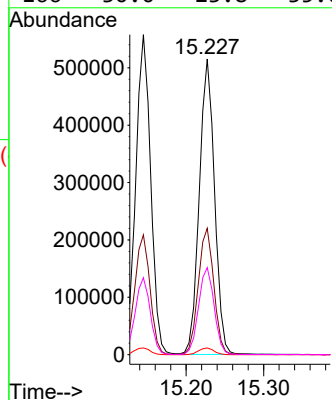
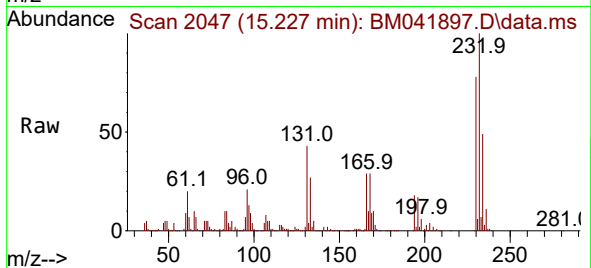




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.288 ng
RT: 15.227 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

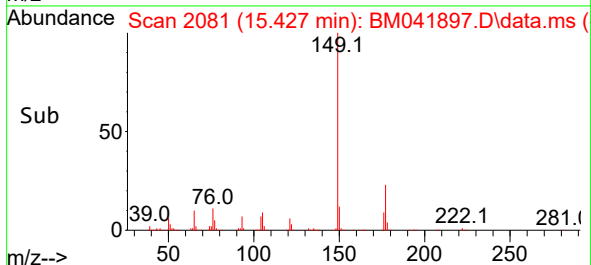
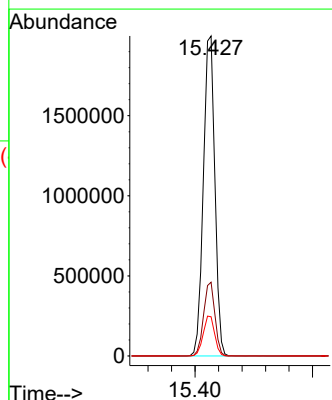
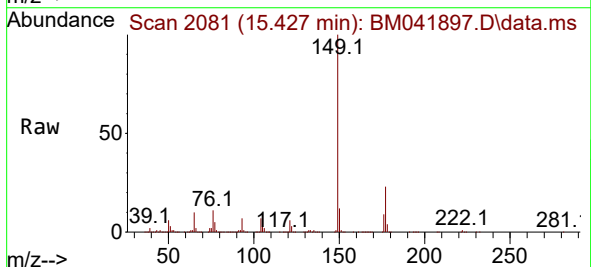
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

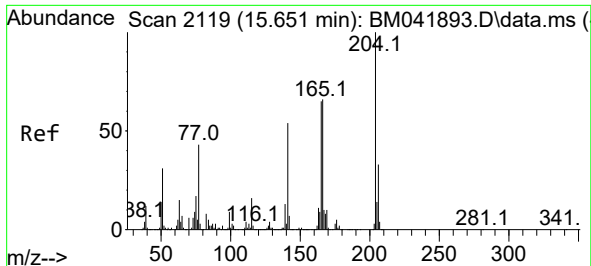
Tgt Ion:232 Resp: 704635
Ion Ratio Lower Upper
232 100
131 43.5 34.6 51.8
130 2.3 1.8 2.8
166 30.0 23.8 35.6



#60
Diethylphthalate
Concen: 39.859 ng
RT: 15.427 min Scan# 2081
Delta R.T. 0.006 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion:149 Resp: 2704172
Ion Ratio Lower Upper
149 100
177 23.1 17.9 26.9
150 12.3 10.1 15.1

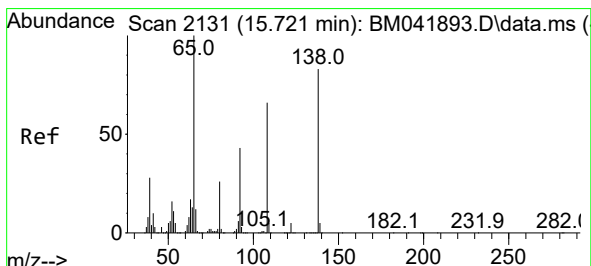
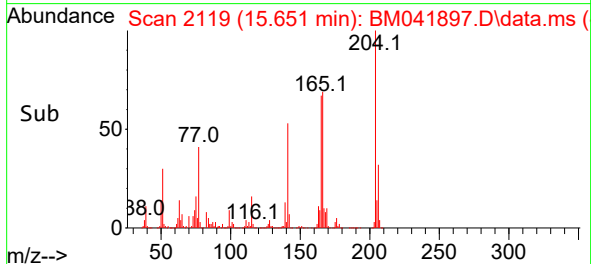
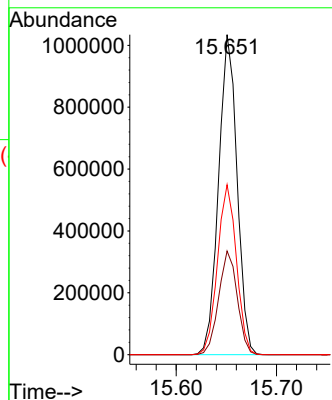
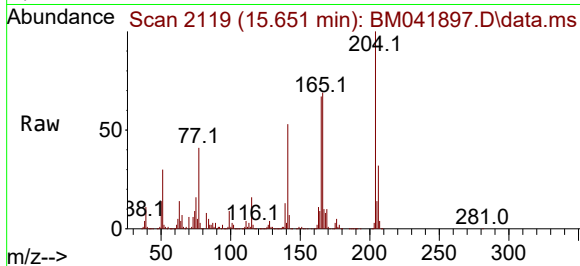




#61
4-Chlorophenyl-phenylether
Concen: 40.057 ng
RT: 15.651 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

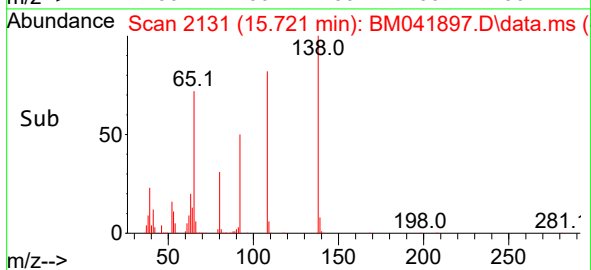
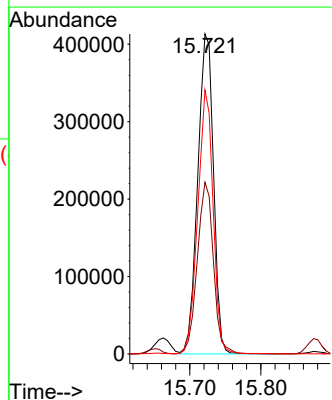
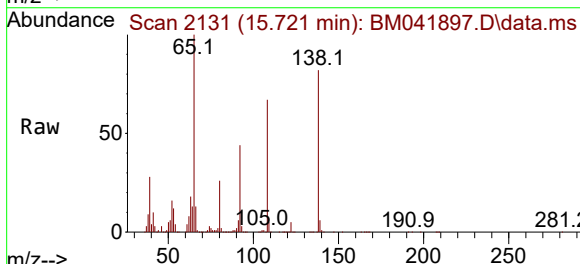
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

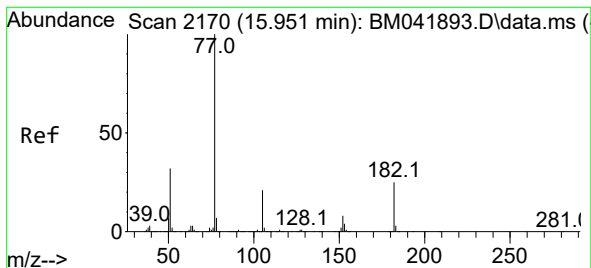
Tgt Ion:204 Resp: 1323227
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 53.1 43.6 65.4



#62
4-Nitroaniline
Concen: 41.108 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion:138 Resp: 639489
Ion Ratio Lower Upper
138 100
92 53.6 32.3 72.3
108 82.5 59.0 99.0





#63

Azobenzene

Concen: 40.040 ng

RT: 15.951 min Scan# 2170

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

ICVBM091823

Tgt Ion: 77 Resp: 2753879

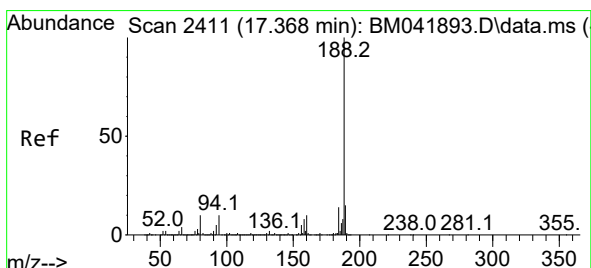
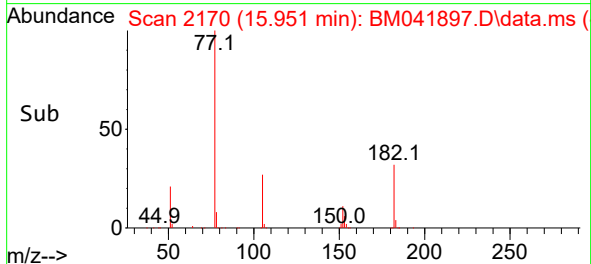
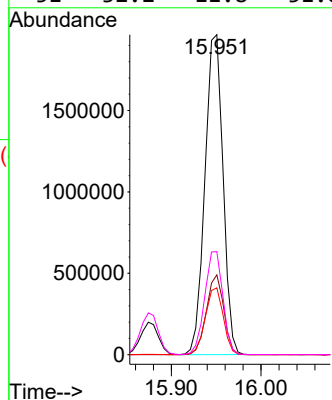
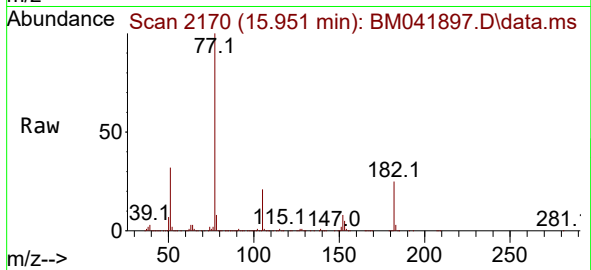
Ion Ratio Lower Upper

77 100

182 25.0 4.9 44.9

105 20.9 0.7 40.7

51 32.2 11.8 51.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 2411

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

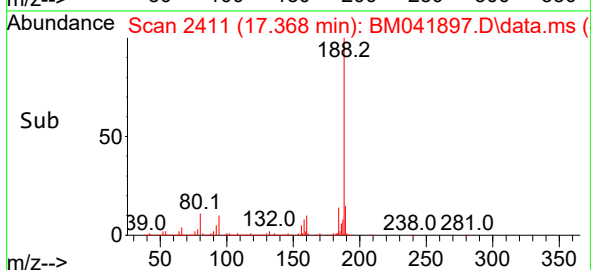
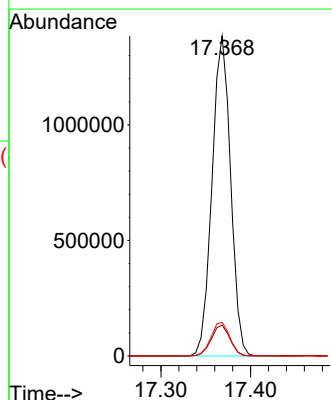
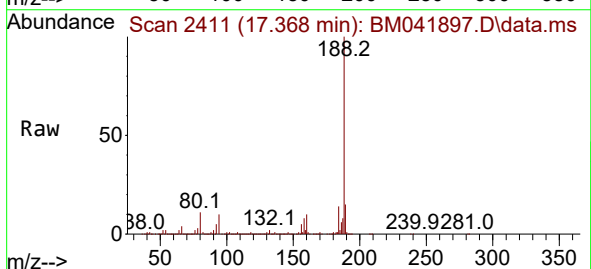
Tgt Ion: 188 Resp: 1984954

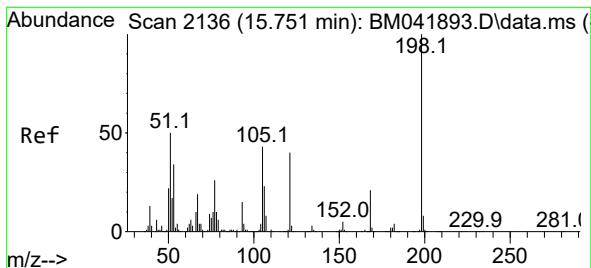
Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.5 8.3 12.5

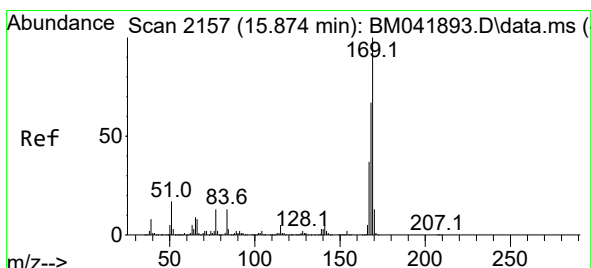
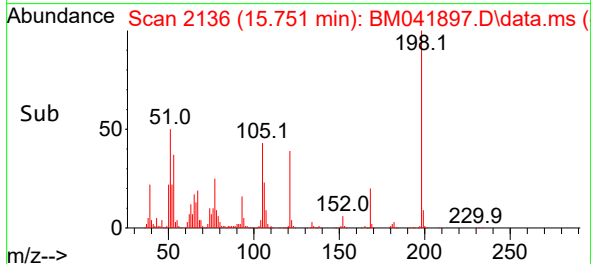
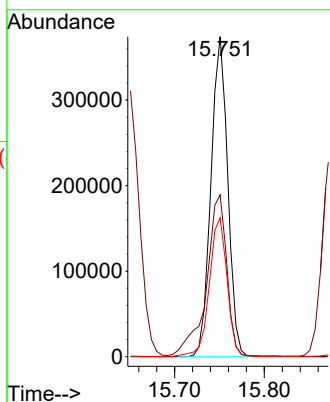
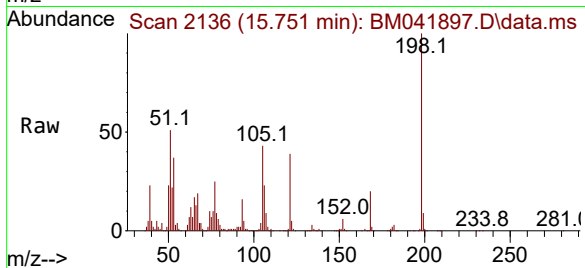




#65
4,6-Dinitro-2-methylphenol
Concen: 42.668 ng
RT: 15.751 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

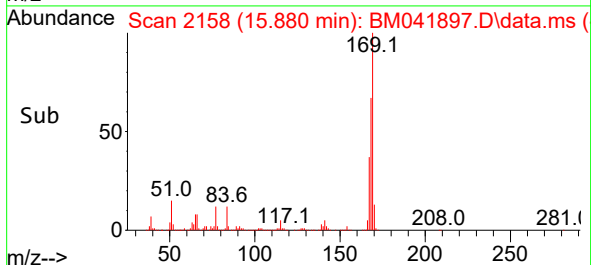
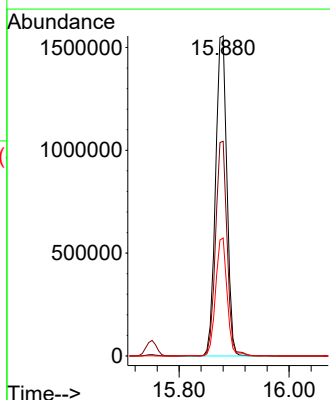
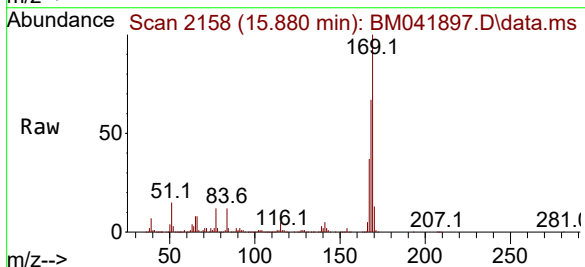
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

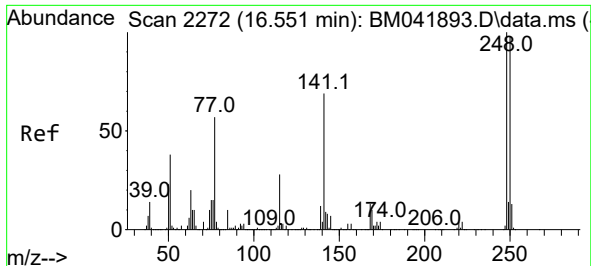
Tgt Ion:198 Resp: 486344
Ion Ratio Lower Upper
198 100
51 50.6 32.0 72.0
105 43.4 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 39.745 ng
RT: 15.880 min Scan# 2158
Delta R.T. 0.006 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion:169 Resp: 2228165
Ion Ratio Lower Upper
169 100
168 67.1 53.6 80.4
167 36.9 29.4 44.0

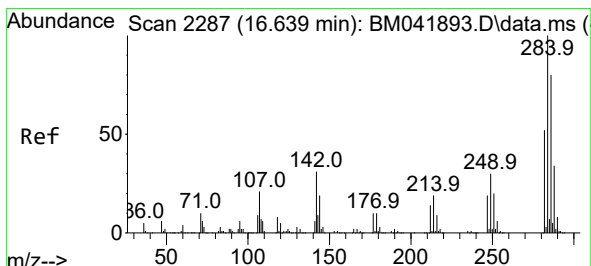
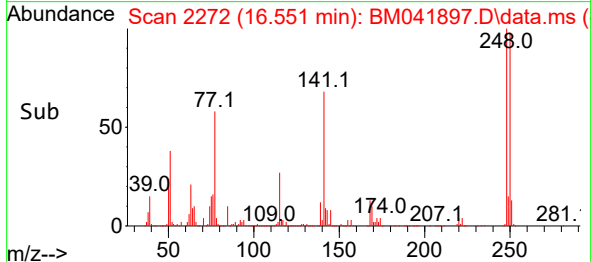
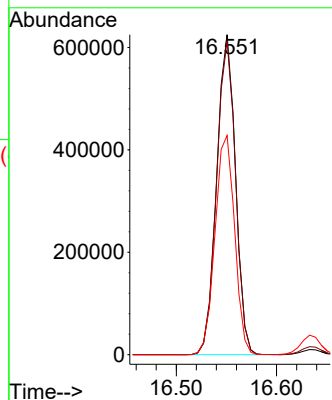
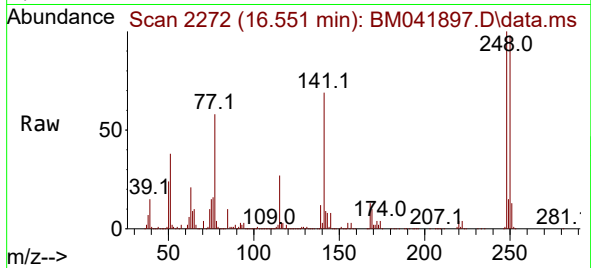




#67
4-Bromophenyl-phenylether
Concen: 39.943 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

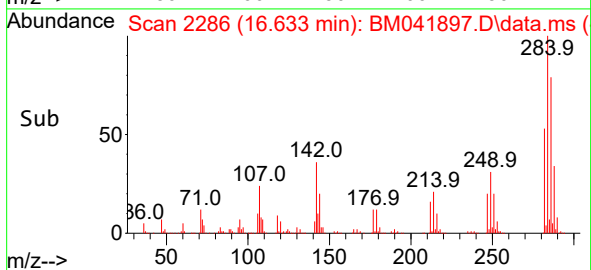
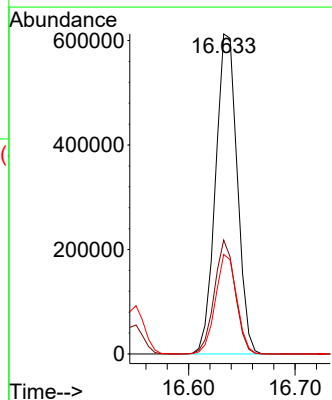
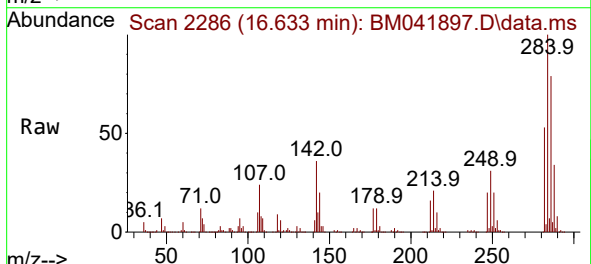
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

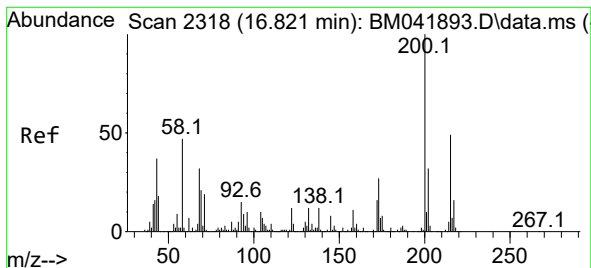
Tgt Ion:248 Resp: 817030
Ion Ratio Lower Upper
248 100
250 98.1 78.0 117.0
141 68.5 55.1 82.7



#68
Hexachlorobenzene
Concen: 39.897 ng
RT: 16.633 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion:284 Resp: 864063
Ion Ratio Lower Upper
284 100
142 35.6 24.8 37.2
249 31.1 24.0 36.0





#69

Atrazine

Concen: 38.569 ng

RT: 16.821 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

ICVBM091823

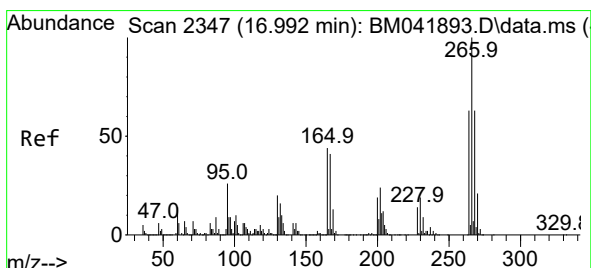
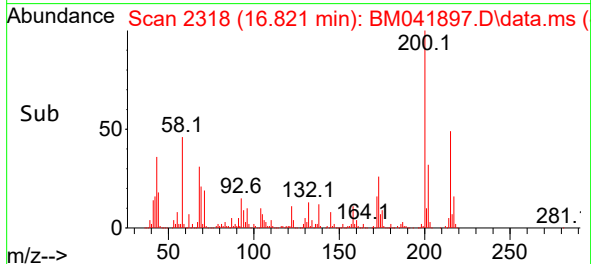
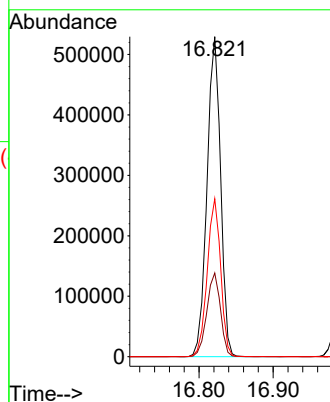
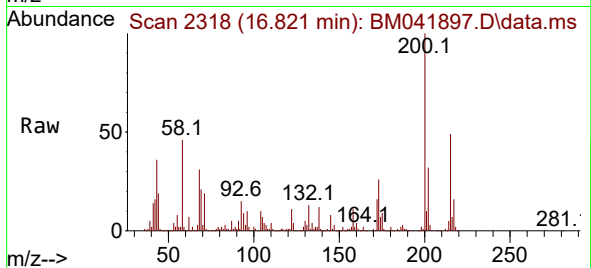
Tgt Ion:200 Resp: 674262

Ion Ratio Lower Upper

200 100

173 26.1 6.5 46.5

215 49.3 28.9 68.9



#70

Pentachlorophenol

Concen: 40.877 ng

RT: 16.992 min Scan# 2347

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

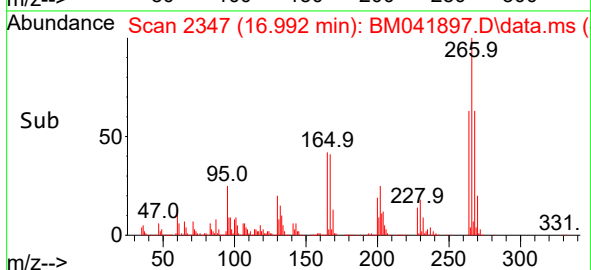
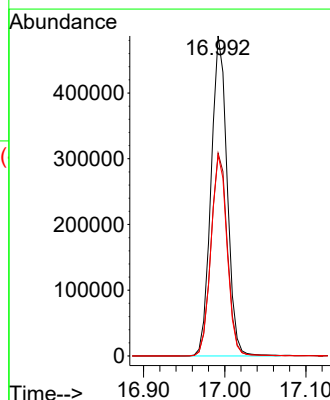
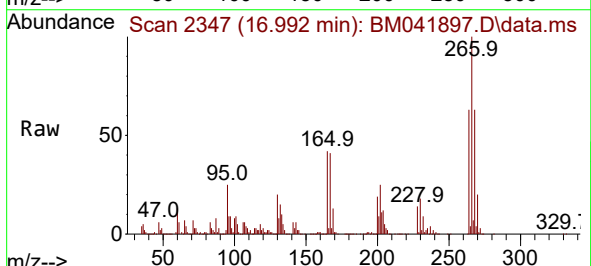
Tgt Ion:266 Resp: 668883

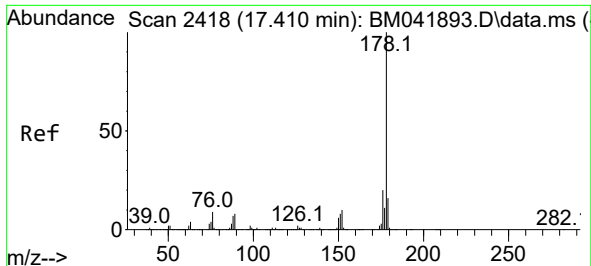
Ion Ratio Lower Upper

266 100

268 63.4 50.5 75.7

264 62.8 50.6 76.0

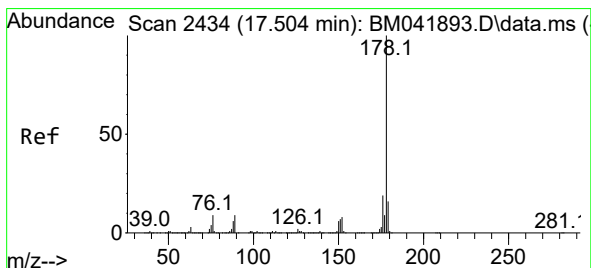
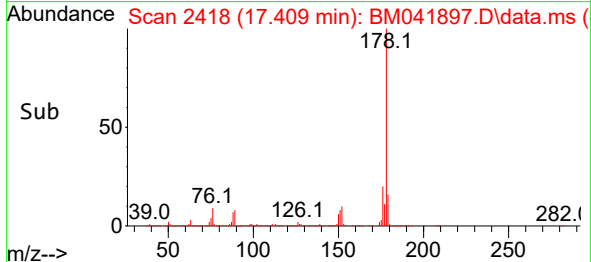
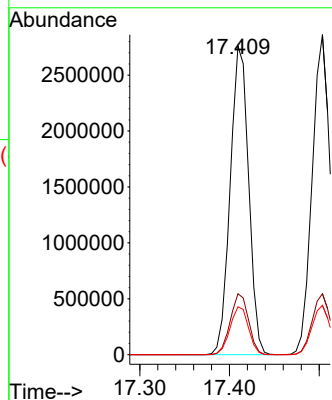
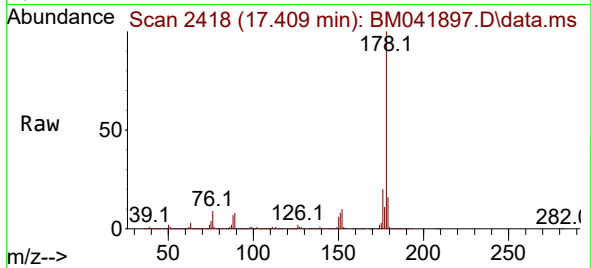




#71
Phenanthrene
Concen: 39.717 ng
RT: 17.409 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

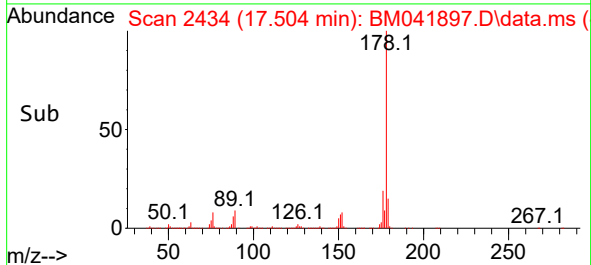
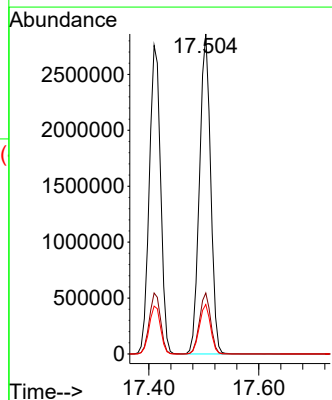
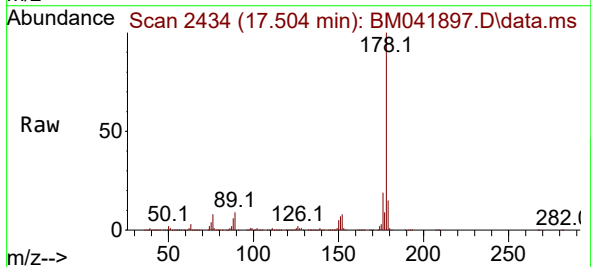
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

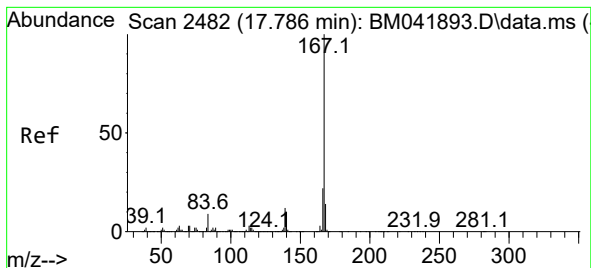
Tgt Ion:178 Resp: 3931782
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.5 12.4 18.6



#72
Anthracene
Concen: 39.941 ng
RT: 17.504 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion:178 Resp: 4033526
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.4 12.5 18.7





#73

Carbazole

Concen: 39.894 ng

RT: 17.786 min Scan# 2482

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

ICVBM091823

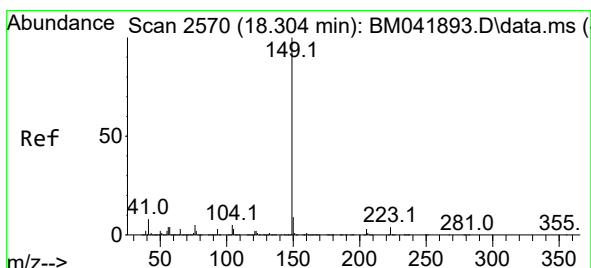
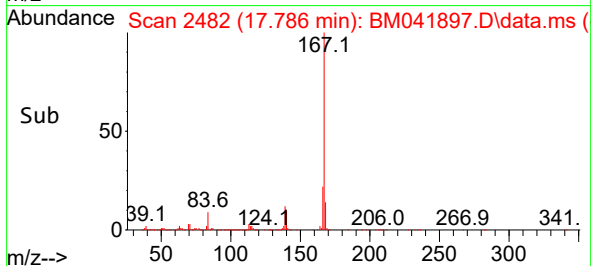
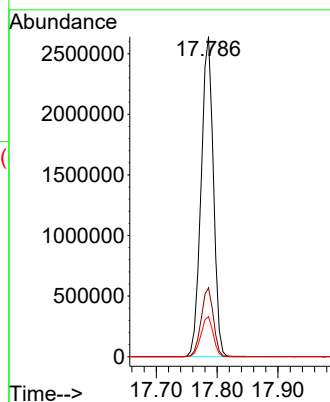
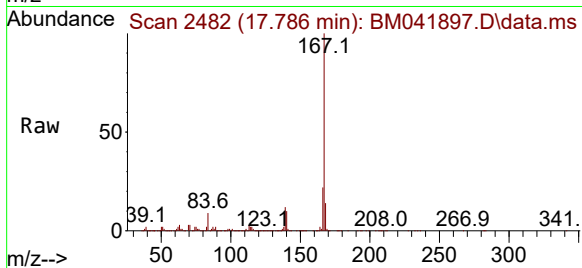
Tgt Ion:167 Resp: 3694120

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

139 12.5 10.0 15.0



#74

Di-n-butylphthalate

Concen: 40.373 ng

RT: 18.303 min Scan# 2570

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

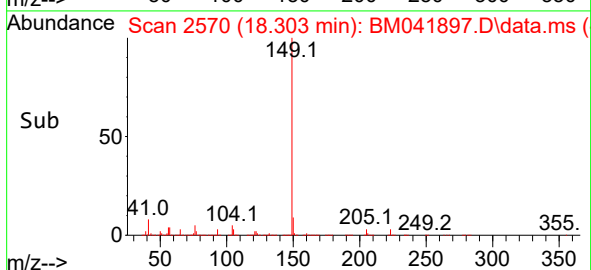
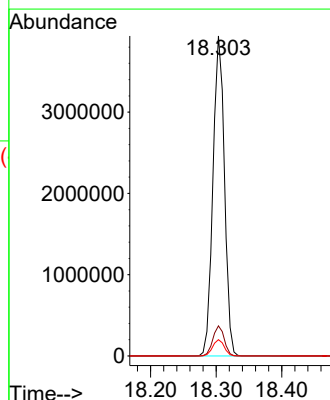
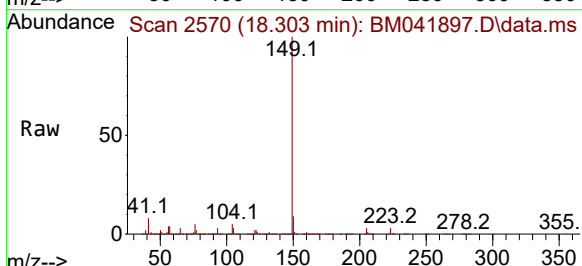
Tgt Ion:149 Resp: 4799508

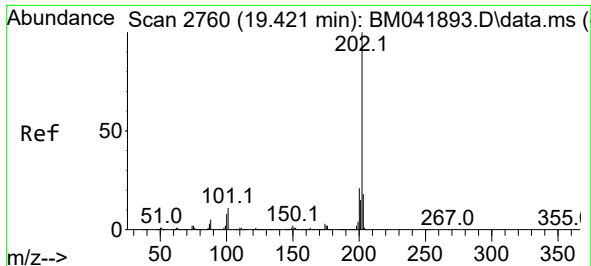
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.1 4.2 6.4

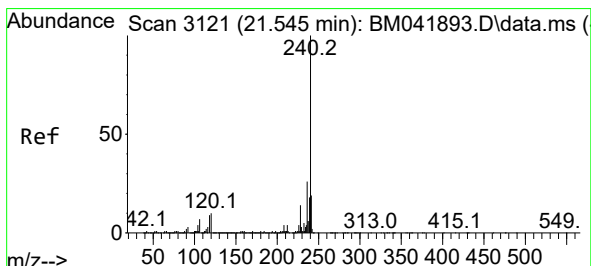
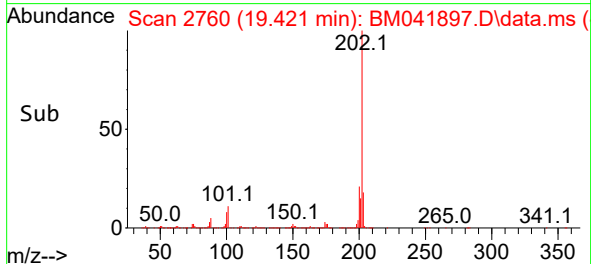
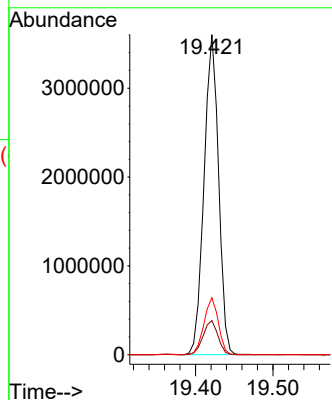
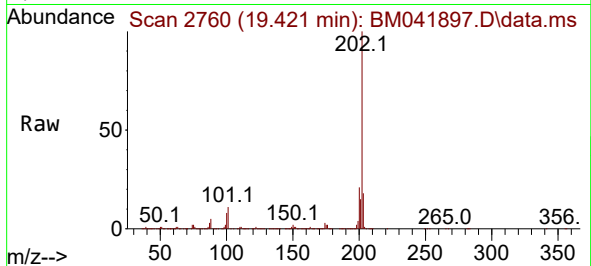




#75
Fluoranthene
Concen: 40.224 ng
RT: 19.421 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

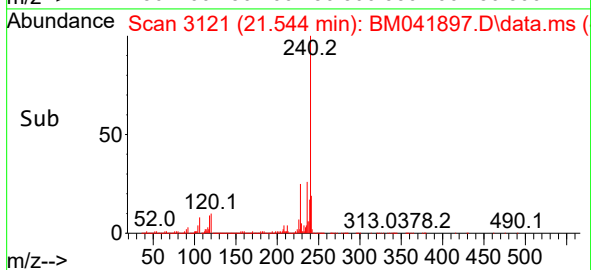
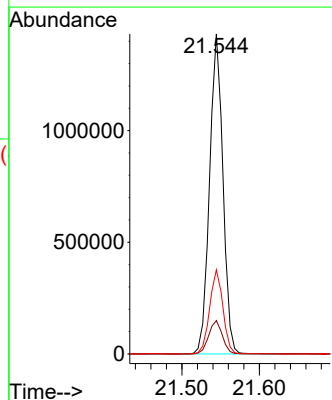
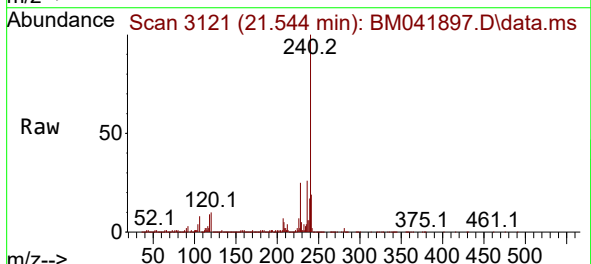
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

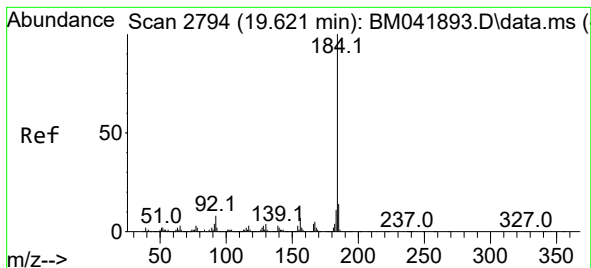
Tgt Ion:202 Resp: 4674889
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.5
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.544 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion:240 Resp: 1716561
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 26.3 20.7 31.1





#77

Benzidine

Concen: 39.558 ng

RT: 19.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

ICVBM091823

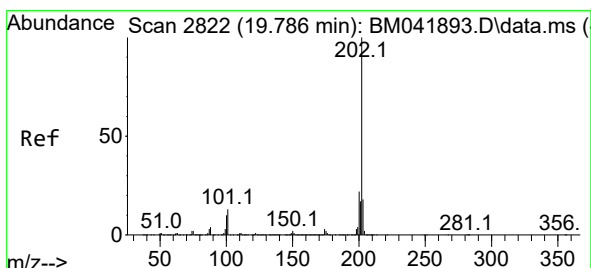
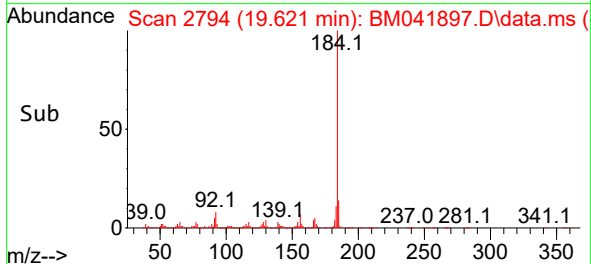
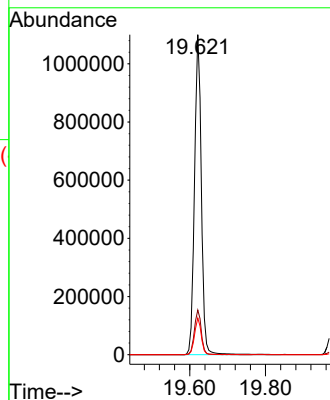
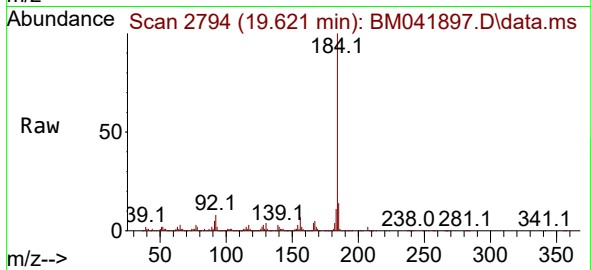
Tgt Ion:184 Resp: 1386061

Ion Ratio Lower Upper

184 100

185 13.9 11.2 16.8

183 11.5 9.1 13.7



#78

Pyrene

Concen: 40.208 ng

RT: 19.786 min Scan# 2822

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

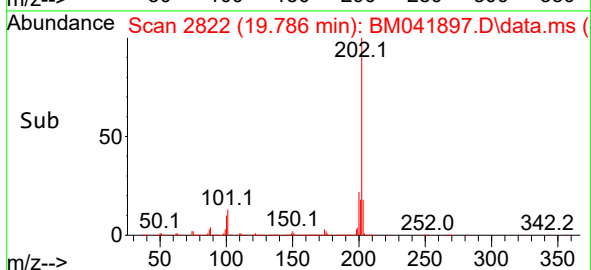
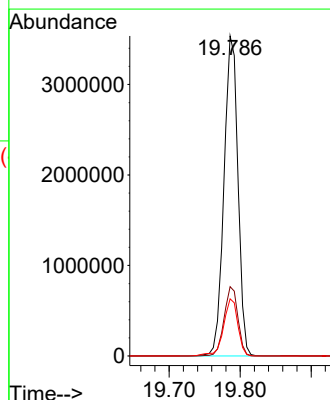
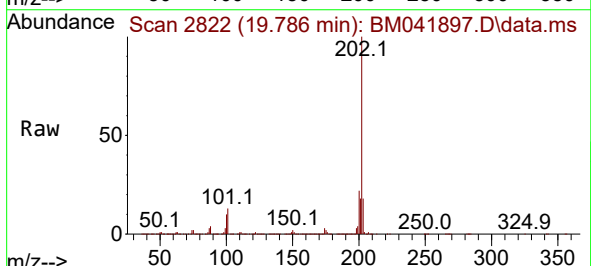
Tgt Ion:202 Resp: 4802560

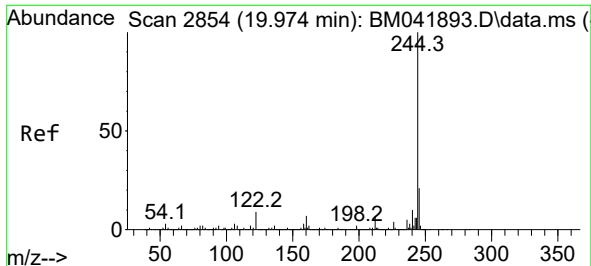
Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

203 17.9 14.2 21.4

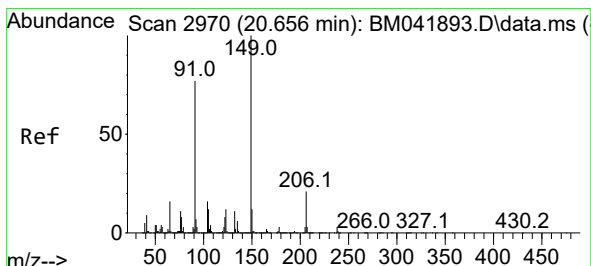
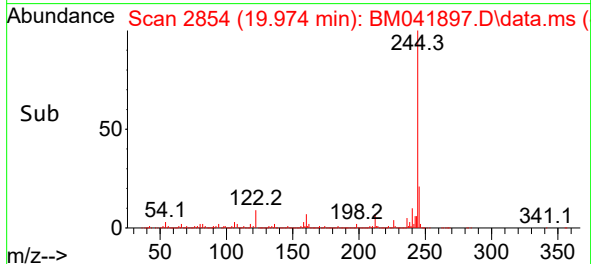
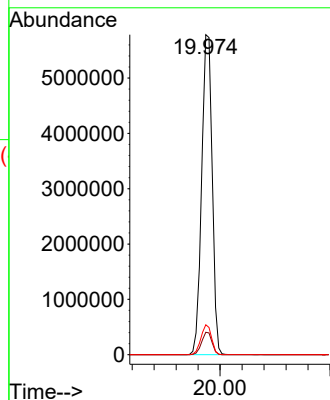
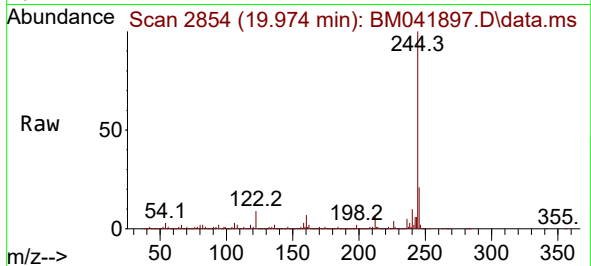




#79
 Terphenyl-d14
 Concen: 81.825 ng
 RT: 19.974 min Scan# 2854
 Delta R.T. -0.000 min
 Lab File: BM041897.D
 Acq: 18 Sep 2023 16:12

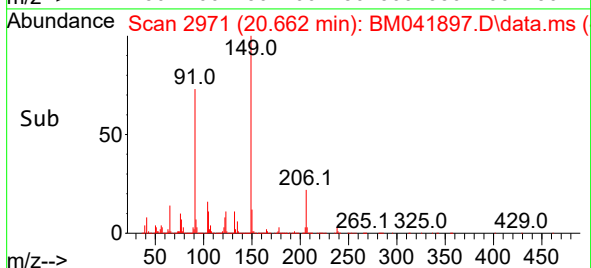
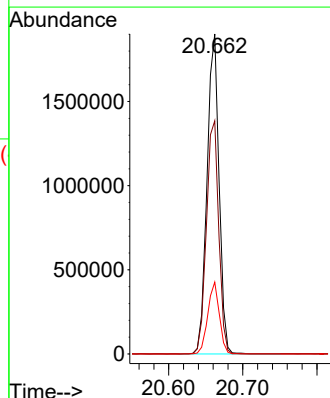
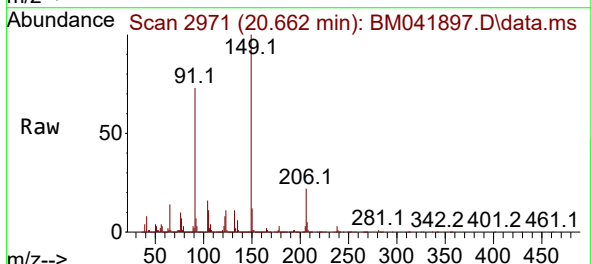
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM091823

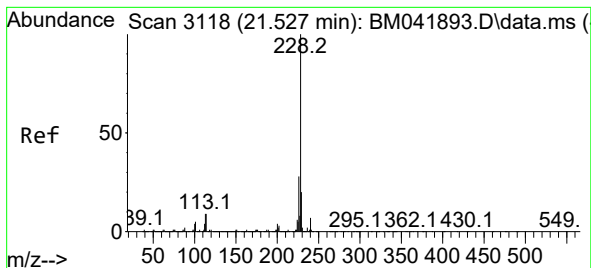
Tgt Ion:244 Resp: 7711969
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.3 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 40.228 ng
 RT: 20.662 min Scan# 2971
 Delta R.T. 0.006 min
 Lab File: BM041897.D
 Acq: 18 Sep 2023 16:12

Tgt Ion:149 Resp: 2137026
 Ion Ratio Lower Upper
 149 100
 91 72.8 61.7 92.5
 206 22.5 16.9 25.3





#81

Benzo(a)anthracene

Concen: 40.192 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

ICVBM091823

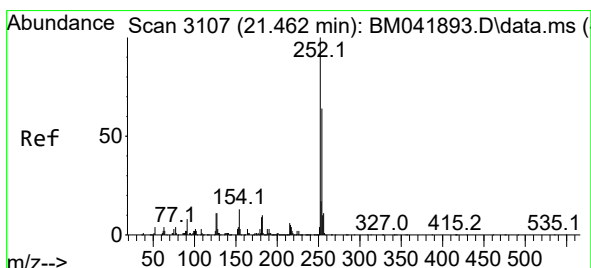
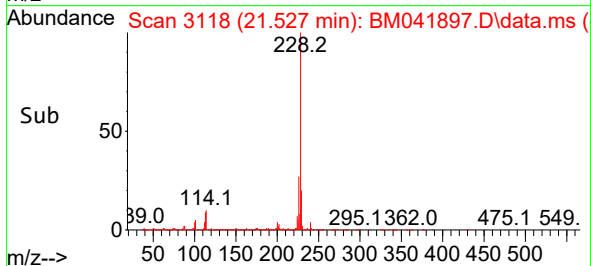
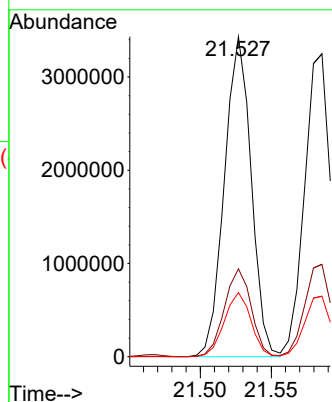
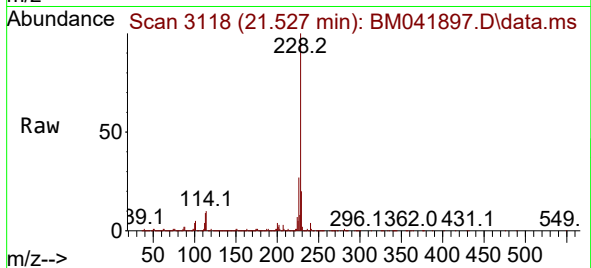
Tgt Ion:228 Resp: 4499746

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

229 20.0 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 40.049 ng

RT: 21.468 min Scan# 3108

Delta R.T. 0.006 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

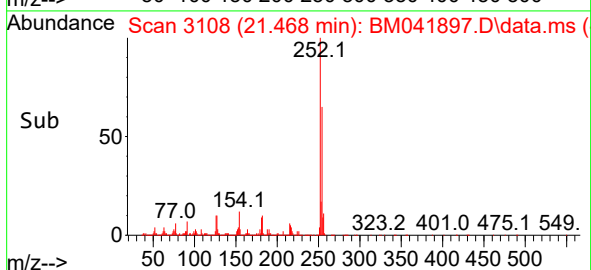
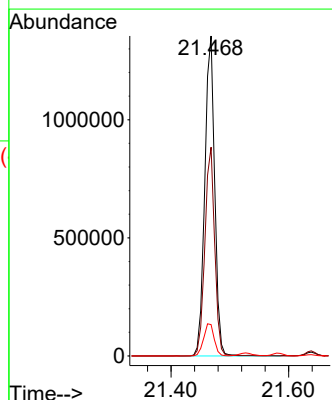
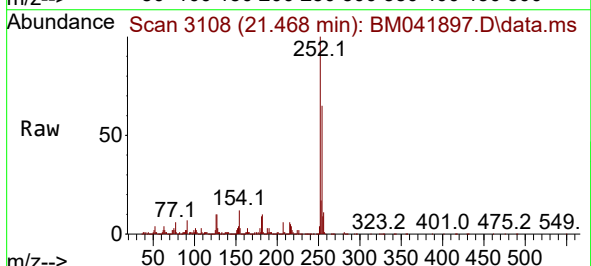
Tgt Ion:252 Resp: 1579024

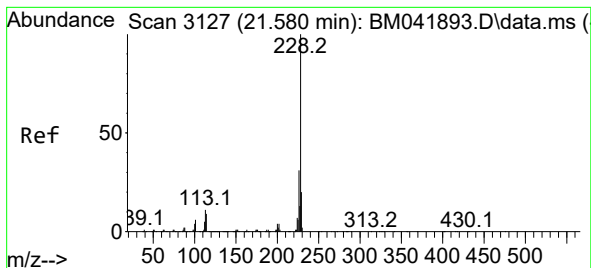
Ion Ratio Lower Upper

252 100

254 65.2 51.3 76.9

126 9.8 8.6 13.0





#83

Chrysene

Concen: 39.630 ng

RT: 21.586 min Scan# 3128

Delta R.T. 0.006 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

ICVBM091823

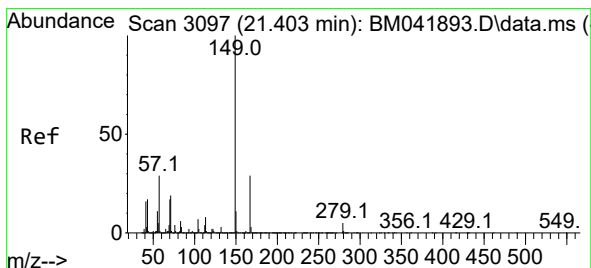
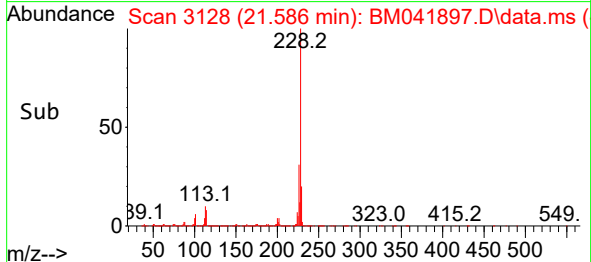
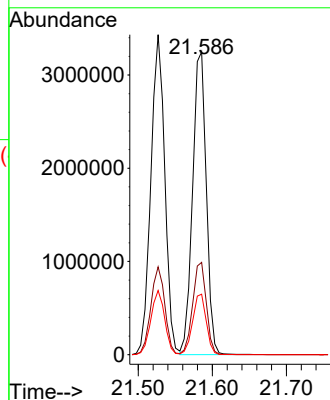
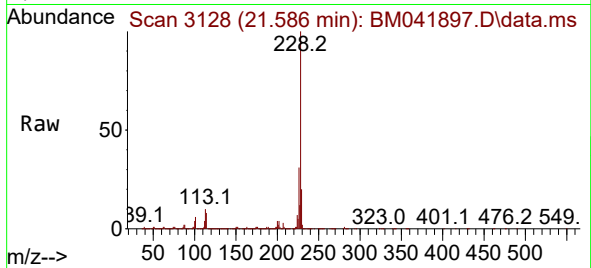
Tgt Ion:228 Resp: 4158647

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.469 ng

RT: 21.403 min Scan# 3097

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

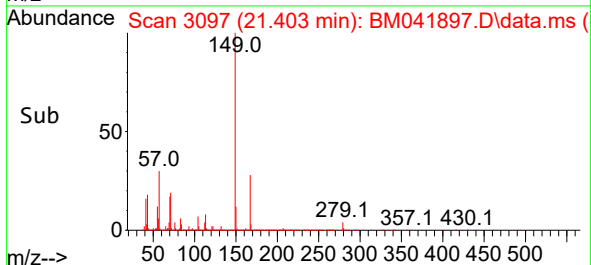
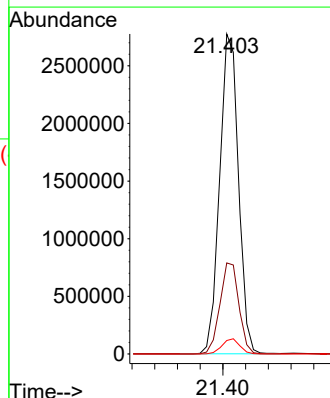
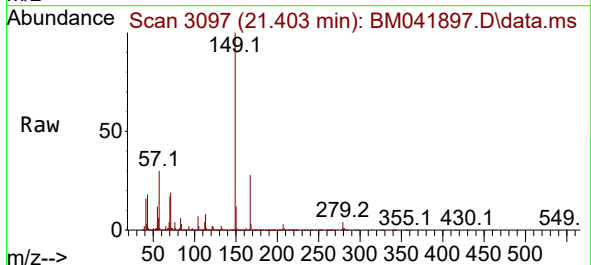
Tgt Ion:149 Resp: 3189328

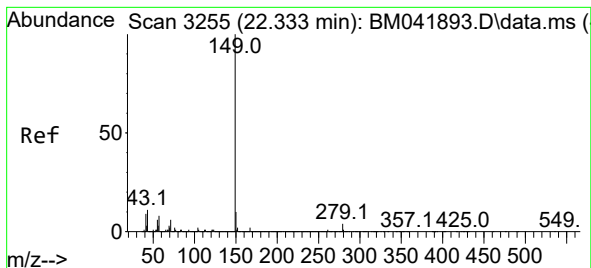
Ion Ratio Lower Upper

149 100

167 28.4 23.0 34.6

279 4.2 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 40.282 ng

RT: 22.339 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

ICVBM091823

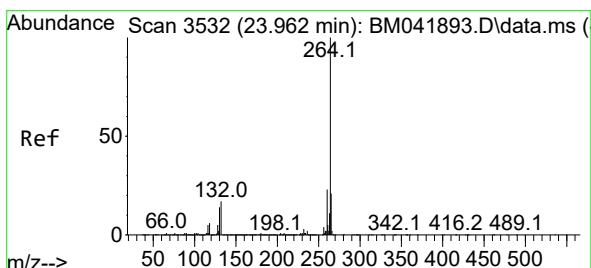
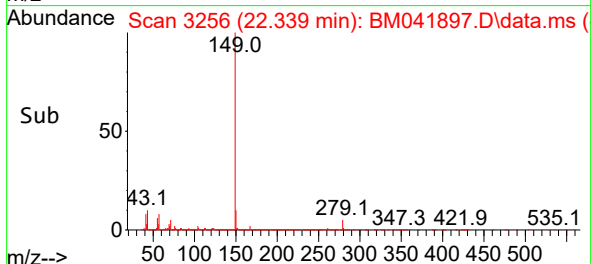
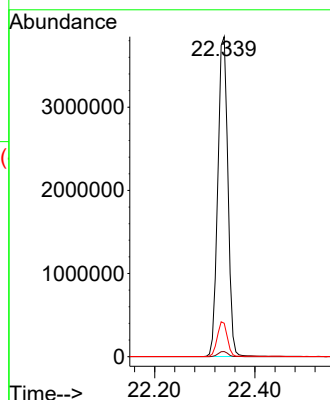
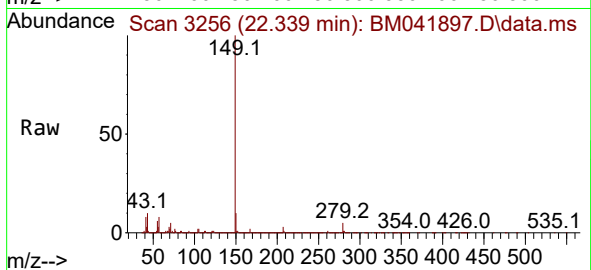
Tgt Ion:149 Resp: 5343696

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.8 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.962 min Scan# 3532

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

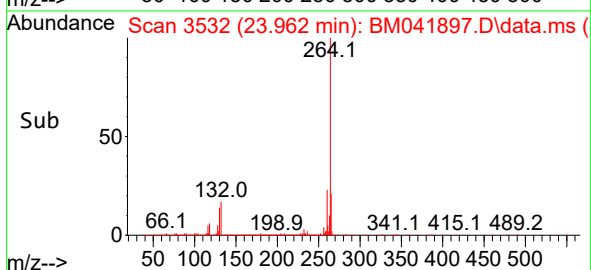
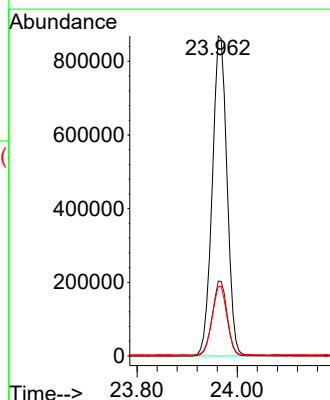
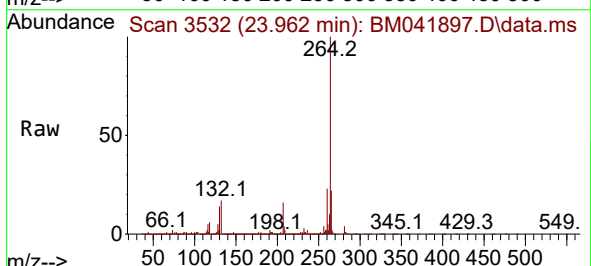
Tgt Ion:264 Resp: 1772689

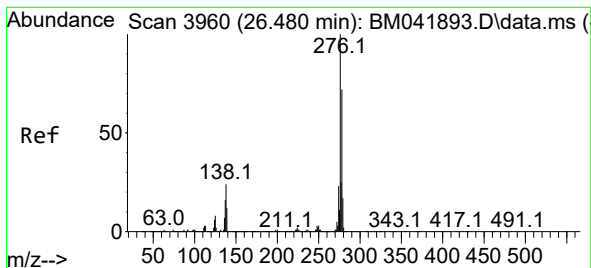
Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.157 ng

RT: 26.485 min Scan# 3961

Delta R.T. 0.006 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

ICVBM091823

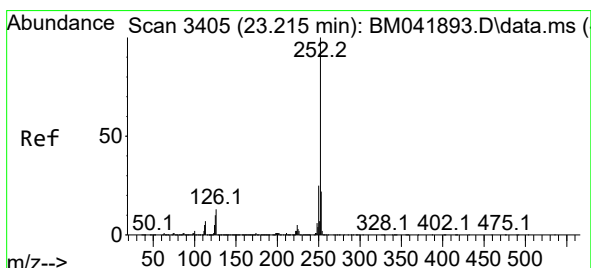
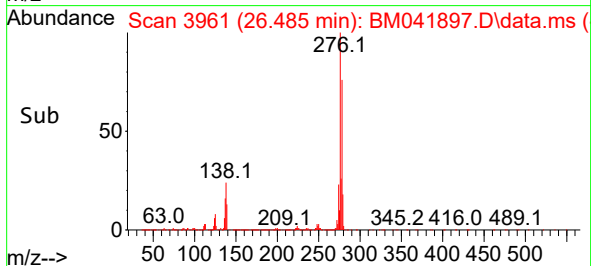
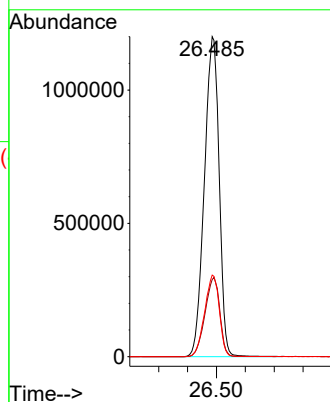
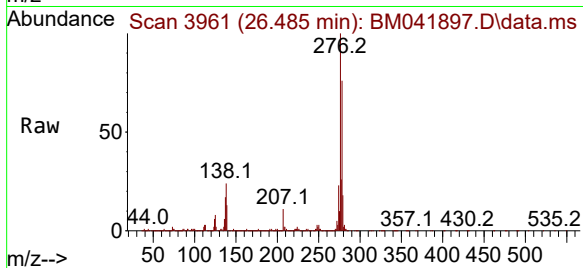
Tgt Ion:276 Resp: 4250308

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.8

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 39.699 ng

RT: 23.221 min Scan# 3406

Delta R.T. 0.006 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

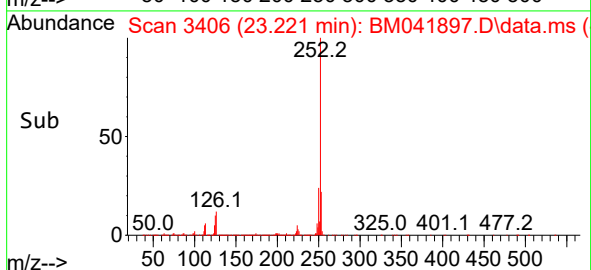
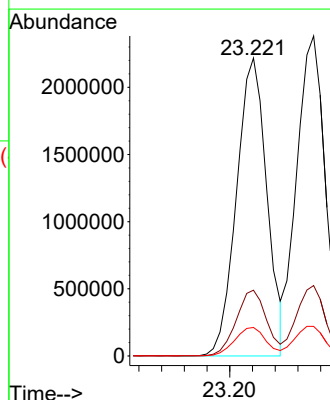
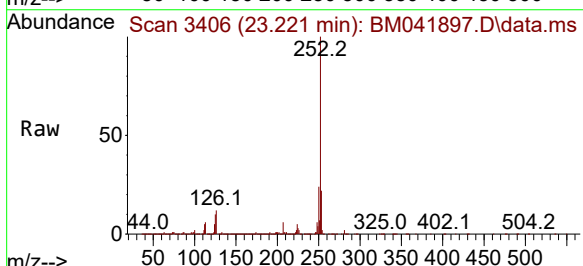
Tgt Ion:252 Resp: 4108665

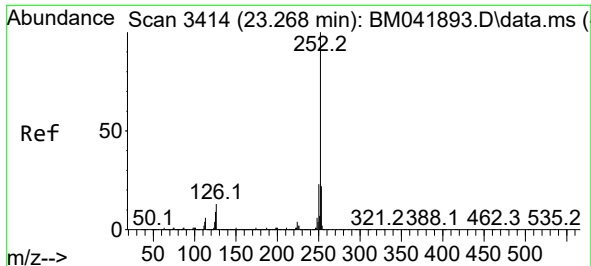
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 9.6 7.8 11.6

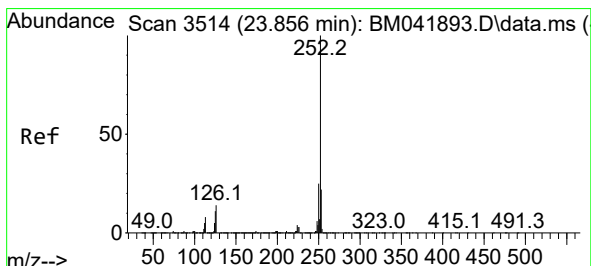
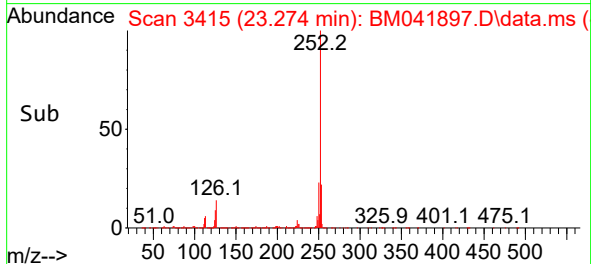
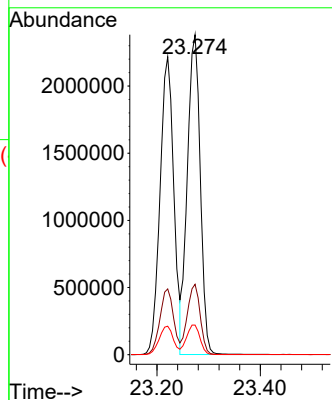
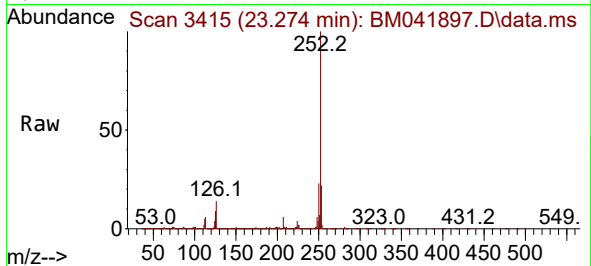




#89
Benzo(k)fluoranthene
Concen: 40.385 ng
RT: 23.274 min Scan# 3414
Delta R.T. 0.006 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

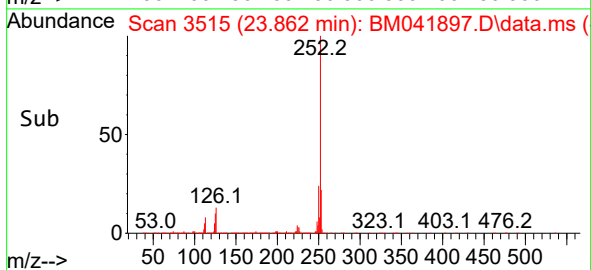
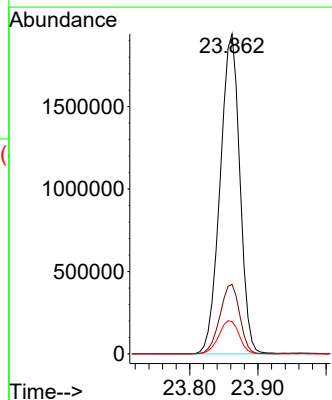
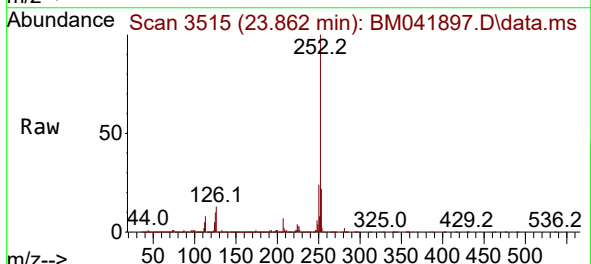
Instrument :
BNA_M
ClientSampleId :
ICVBM091823

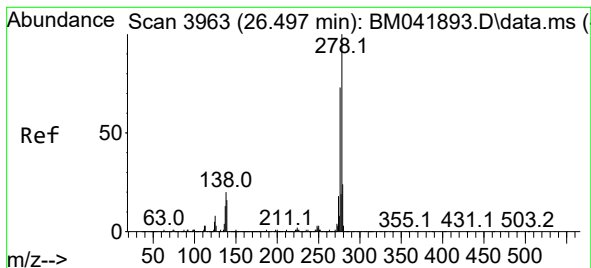
Tgt Ion:252 Resp: 4130229
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.3 7.7 11.5



#90
Benzo(a)pyrene
Concen: 40.161 ng
RT: 23.862 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BM041897.D
Acq: 18 Sep 2023 16:12

Tgt Ion:252 Resp: 3900192
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.1 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 40.556 ng

RT: 26.503 min Scan# 3964

Delta R.T. 0.006 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Instrument :

BNA_M

ClientSampleId :

ICVBM091823

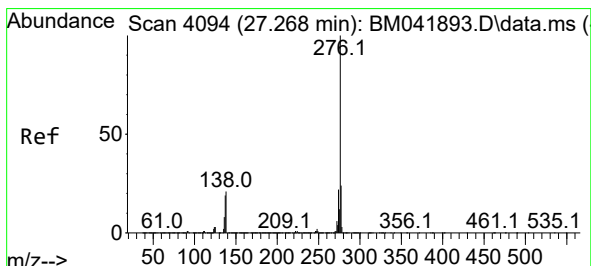
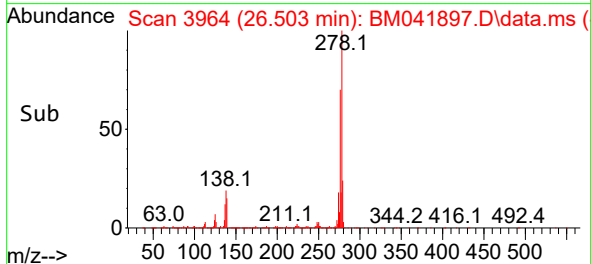
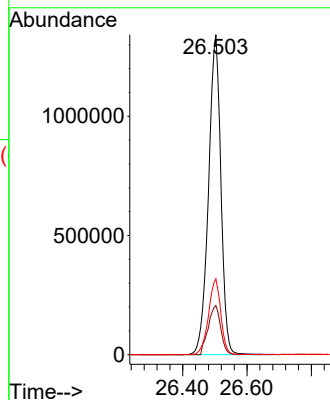
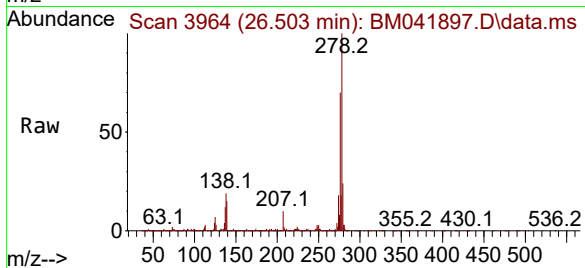
Tgt Ion:278 Resp: 3578521

Ion Ratio Lower Upper

278 100

139 15.3 12.8 19.2

279 23.7 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 39.876 ng

RT: 27.268 min Scan# 4094

Delta R.T. -0.000 min

Lab File: BM041897.D

Acq: 18 Sep 2023 16:12

Tgt Ion:276 Resp: 3361904

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 21.4 17.0 25.4

