

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041723\
 Data File : BM039448.D
 Acq On : 17 Apr 2023 19:40
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM041723

Quant Time: Apr 18 03:06:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 03:04:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	184504	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	854437	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	549372	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	1185179	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1113755	20.000	ng	0.00
86) Perylene-d12	23.815	264	1253622	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	953674	84.450	ng	0.00
7) Phenol-d6	7.034	99	1415466	85.289	ng	0.00
23) Nitrobenzene-d5	9.016	82	1461688	83.774	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	606420	85.065	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	3289737	82.854	ng	0.00
79) Terphenyl-d14	19.880	244	5166470	83.685	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.258	88	184526	39.553	ng 100
3) Pyridine	3.669	79	589794	42.941	ng 99
4) n-Nitrosodimethylamine	3.581	42	236830	42.295	ng 99
6) Aniline	7.169	93	905289	43.236	ng 99
8) 2-Chlorophenol	7.410	128	545805	42.618	ng 99
9) Benzaldehyde	6.981	77	336225	39.290	ng 98
10) Phenol	7.057	94	702347	43.141	ng 99
11) bis(2-Chloroethyl)ether	7.269	93	598787	42.885	ng 98
12) 1,3-Dichlorobenzene	7.728	146	548699	41.118	ng 98
13) 1,4-Dichlorobenzene	7.875	146	555381	41.513	ng 98
14) 1,2-Dichlorobenzene	8.193	146	552411	41.577	ng 99
15) Benzyl Alcohol	8.099	79	519912	42.979	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.375	45	820670	41.665	ng 100
17) 2-Methylphenol	8.310	107	524235	43.610	ng 98
18) Hexachloroethane	8.916	117	220019	41.363	ng 97
19) n-Nitroso-di-n-propyla...	8.657	70	530688	42.260	ng 98
20) 3+4-Methylphenols	8.640	107	726559	43.971	ng 96
22) Acetophenone	8.675	105	953655	42.119	ng # 99
24) Nitrobenzene	9.057	77	730138	42.488	ng 100
25) Isophorone	9.587	82	1508829	41.754	ng 99
26) 2-Nitrophenol	9.769	139	338697	43.676	ng 98
27) 2,4-Dimethylphenol	9.840	122	567179	42.322	ng 100
28) bis(2-Chloroethoxy)met...	10.069	93	861421	41.936	ng 99
29) 2,4-Dichlorophenol	10.310	162	564394	43.494	ng 99
30) 1,2,4-Trichlorobenzene	10.510	180	572223	41.663	ng 99
31) Naphthalene	10.698	128	1922507	41.641	ng 100
32) Benzoic acid	10.028	122	422466	40.164	ng 99
33) 4-Chloroaniline	10.822	127	859043	44.045	ng 99
34) Hexachlorobutadiene	10.975	225	338417	41.491	ng 100
35) Caprolactam	11.634	113	222791	43.050	ng 95
36) 4-Chloro-3-methylphenol	11.969	107	663258	41.993	ng 97
37) 2-Methylnaphthalene	12.316	142	1416433	41.747	ng 99
38) 1-Methylnaphthalene	12.534	142	1326675	41.495	ng 100
40) 1,2,4,5-Tetrachloroben...	12.686	216	667028	41.627	ng 100
41) Hexachlorocyclopentadiene	12.657	237	336245	40.343	ng 98
43) 2,4,6-Trichlorophenol	12.939	196	473280	42.873	ng 99

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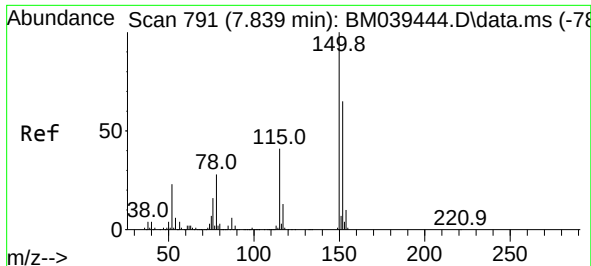
Quant Time: Apr 18 03:06:56 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	553835	42.452	ng	99
46) 1,1'-Biphenyl	13.334	154	1770232	41.826	ng	100
47) 2-Chloronaphthalene	13.375	162	1317779	41.883	ng	99
48) 2-Nitroaniline	13.592	65	471527	43.828	ng	98
49) Acenaphthylene	14.222	152	2260829	42.009	ng	99
50) Dimethylphthalate	13.963	163	1842819	41.439	ng	100
51) 2,6-Dinitrotoluene	14.086	165	399893	42.297	ng	96
52) Acenaphthene	14.563	154	1331492	41.785	ng	99
53) 3-Nitroaniline	14.422	138	427649	44.327	ng	99
54) 2,4-Dinitrophenol	14.633	184	226303	41.171	ng	99
55) Dibenzofuran	14.898	168	2138282	41.760	ng	99
56) 4-Nitrophenol	14.757	139	305135	41.658	ng	100
57) 2,4-Dinitrotoluene	14.880	165	559626	43.305	ng	99
58) Fluorene	15.551	166	1729085	41.635	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	457069	42.537	ng	99
60) Diethylphthalate	15.327	149	1924234	41.736	ng	100
61) 4-Chlorophenyl-phenyle...	15.539	204	861395	41.847	ng	98
62) 4-Nitroaniline	15.592	138	388177	41.627	ng	99
63) Azobenzene	15.833	77	1907653	42.461	ng	98
65) 4,6-Dinitro-2-methylph...	15.645	198	336435	45.334	ng	96
66) n-Nitrosodiphenylamine	15.763	169	1509276	42.003	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	527985	42.320	ng	100
68) Hexachlorobenzene	16.551	284	565703	41.758	ng	98
69) Atrazine	16.722	200	512091	42.481	ng	99
70) Pentachlorophenol	16.904	266	415477	43.918	ng	100
71) Phenanthrene	17.292	178	2685563	41.787	ng	100
72) Anthracene	17.386	178	2743631	41.618	ng	100
73) Carbazole	17.663	167	2573246	42.916	ng	100
74) Di-n-butylphthalate	18.221	149	3549274	42.584	ng	99
75) Fluoranthene	19.315	202	3234589	41.484	ng	100
77) Benzidine	19.504	184	1050254	41.615	ng	100
78) Pyrene	19.674	202	3378540	41.249	ng	100
80) Butylbenzylphthalate	20.574	149	1698181	41.811	ng	99
81) Benzo(a)anthracene	21.427	228	3320765	41.985	ng	100
82) 3,3'-Dichlorobenzidine	21.362	252	1100435	42.149	ng	99
83) Chrysene	21.480	228	3174903	41.414	ng	100
84) Bis(2-ethylhexyl)phtha...	21.351	149	2594540	41.906	ng	100
85) Di-n-octyl phthalate	22.268	149	4474112	42.024	ng	100
87) Indeno(1,2,3-cd)pyrene	26.291	276	3922676	42.583	ng	100
88) Benzo(b)fluoranthene	23.098	252	3231380	42.276	ng	100
89) Benzo(k)fluoranthene	23.145	252	3307793	41.394	ng	99
90) Benzo(a)pyrene	23.715	252	3183938	41.913	ng	99
91) Dibenzo(a,h)anthracene	26.303	278	3280868	42.849	ng	100
92) Benzo(g,h,i)perylene	27.050	276	3234419	42.618	ng	100

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

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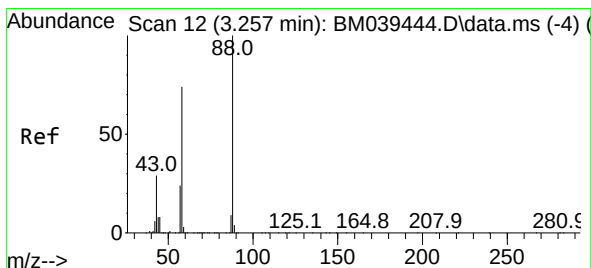
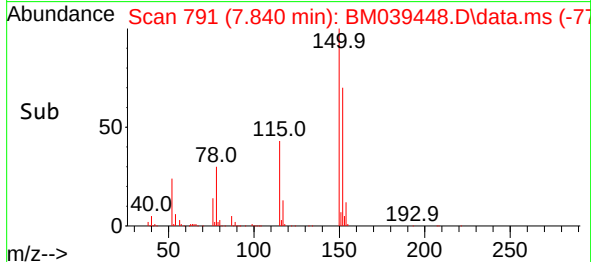
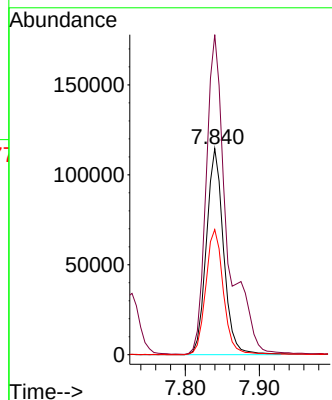
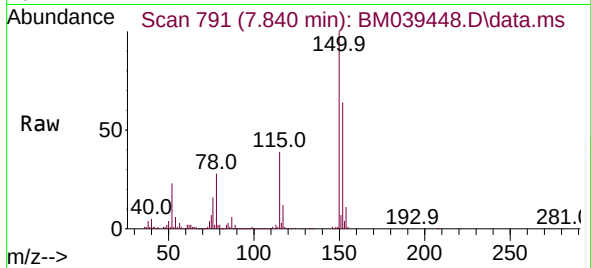




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.840 min Scan# 791
 Delta R.T. 0.001 min
 Lab File: BM039448.D
 Acq: 17 Apr 2023 19:40

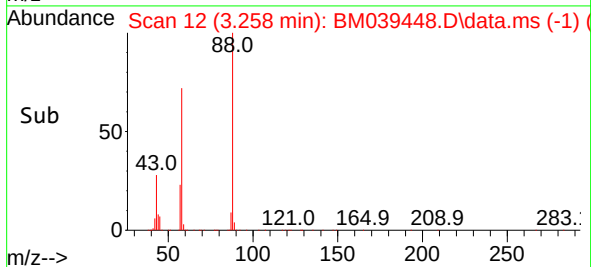
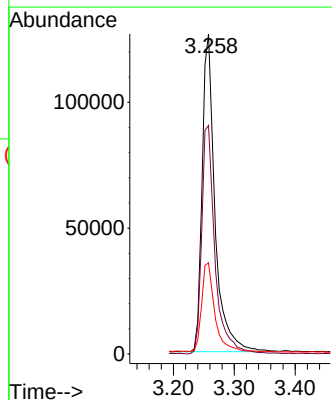
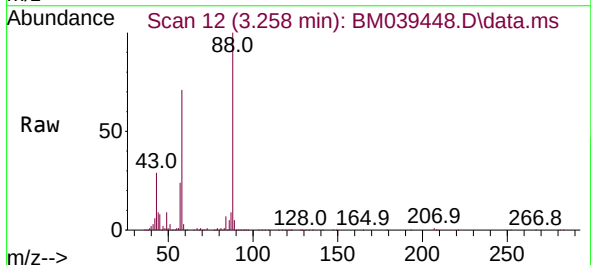
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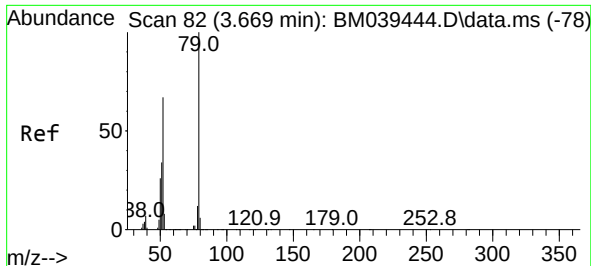
Tgt Ion:152 Resp: 184504
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.0 184.4
 115 60.7 49.9 74.9



#2
 1,4-Dioxane
 Concen: 39.553 ng
 RT: 3.258 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: BM039448.D
 Acq: 17 Apr 2023 19:40

Tgt Ion: 88 Resp: 184526
 Ion Ratio Lower Upper
 88 100
 58 74.7 59.4 89.2
 43 29.1 23.4 35.2



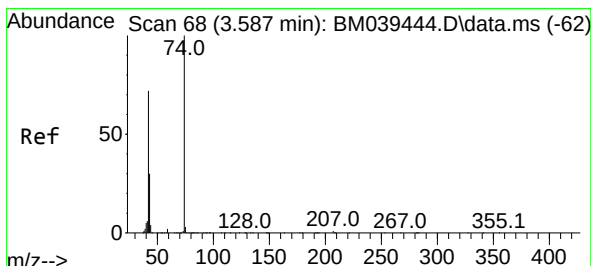
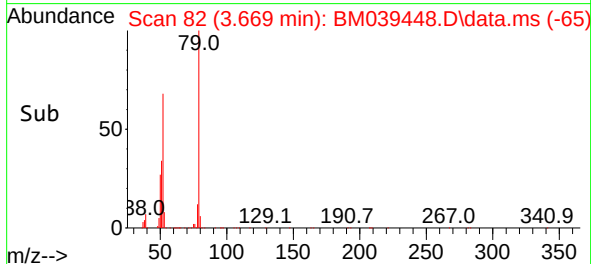
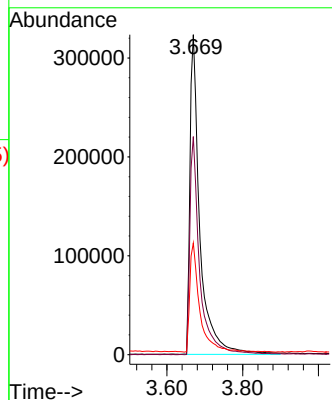
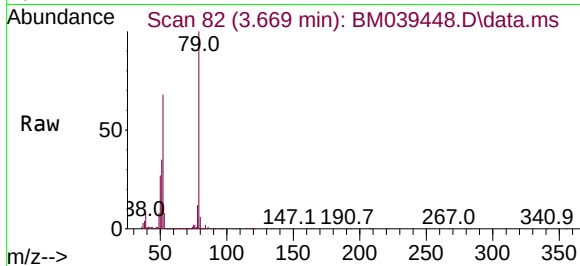


#3
 Pyridine
 Concen: 42.941 ng
 RT: 3.669 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM039448.D
 Acq: 17 Apr 2023 19:40

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM041723

Tgt Ion: 79 Resp: 589794

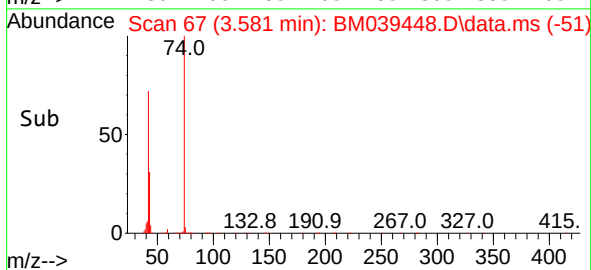
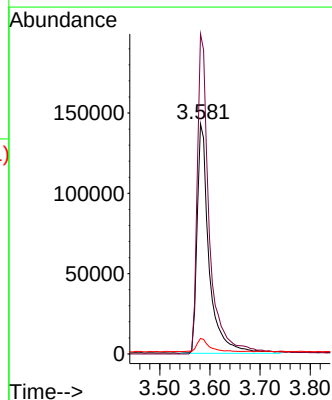
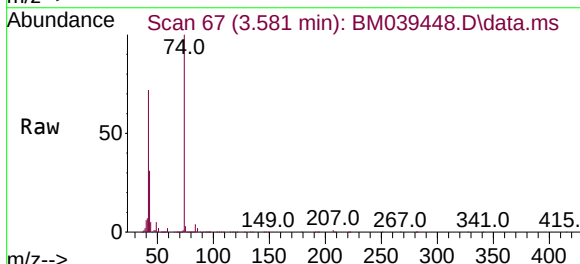
Ion	Ratio	Lower	Upper
79	100		
52	68.2	53.8	80.8
51	34.9	27.7	41.5

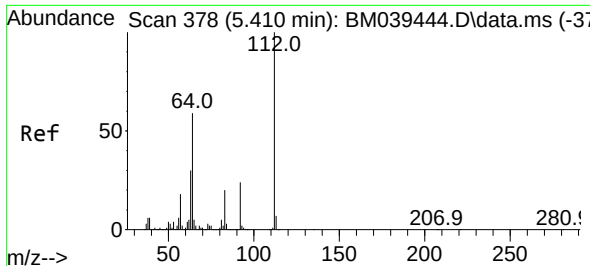


#4
 n-Nitrosodimethylamine
 Concen: 42.295 ng
 RT: 3.581 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BM039448.D
 Acq: 17 Apr 2023 19:40

Tgt Ion: 42 Resp: 236830

Ion	Ratio	Lower	Upper
42	100		
74	139.1	110.6	165.8
44	6.8	5.5	8.3

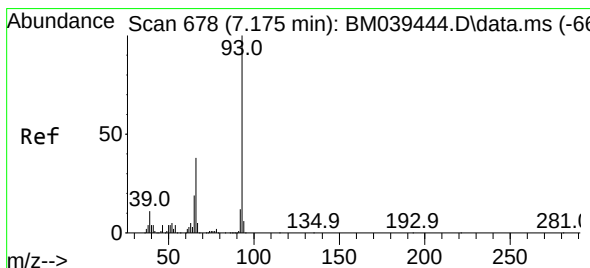
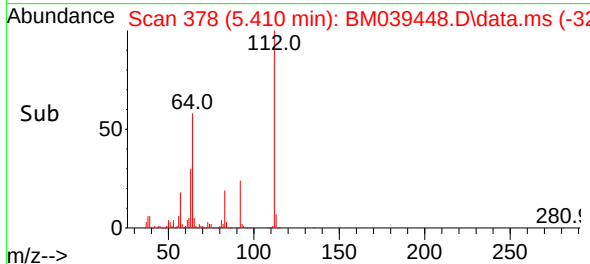
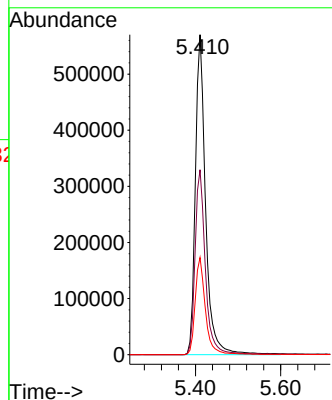
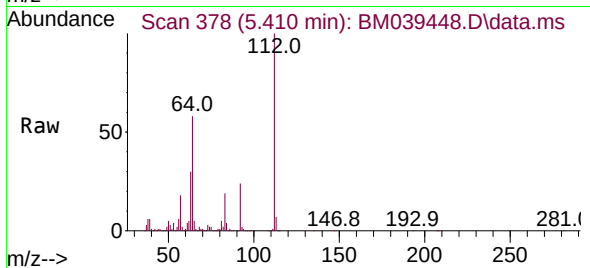




#5
2-Fluorophenol
Concen: 84.450 ng
RT: 5.410 min Scan# 378
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

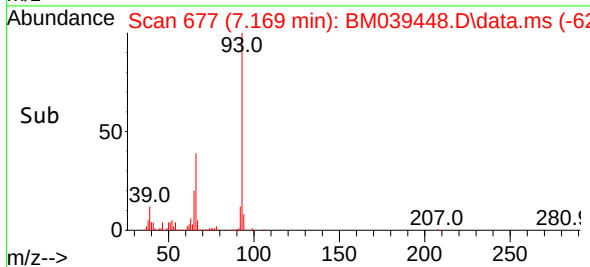
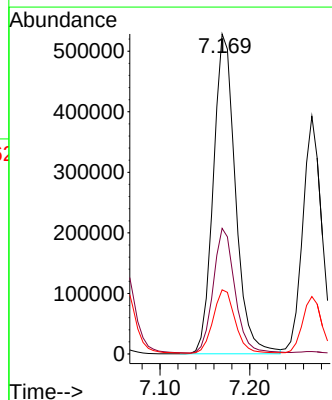
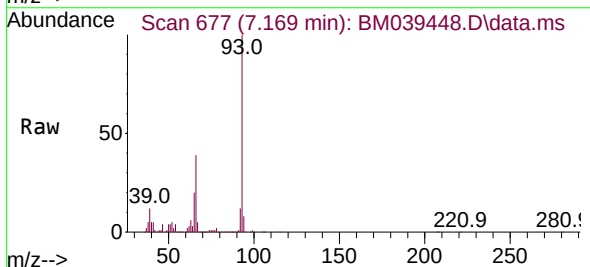
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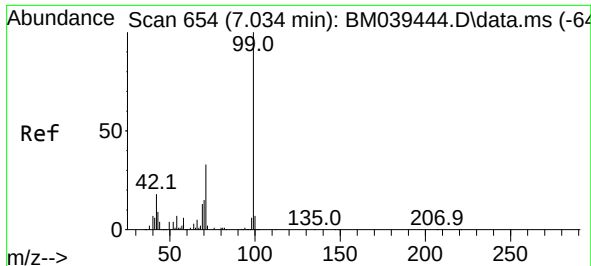
Tgt Ion:112 Resp: 953674
Ion Ratio Lower Upper
112 100
64 57.8 47.0 70.4
63 30.3 24.2 36.4



#6
Aniline
Concen: 43.236 ng
RT: 7.169 min Scan# 677
Delta R.T. -0.006 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion: 93 Resp: 905289
Ion Ratio Lower Upper
93 100
66 39.3 30.6 46.0
65 20.0 15.7 23.5

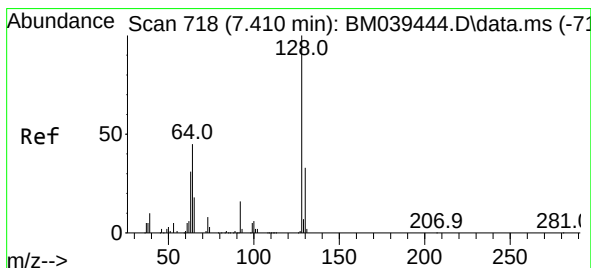
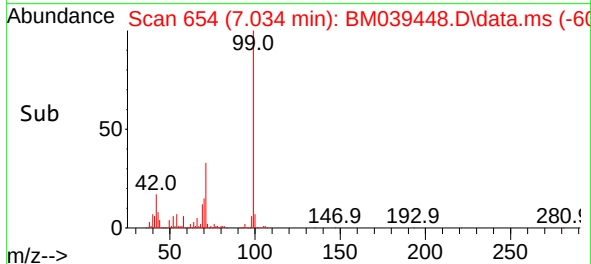
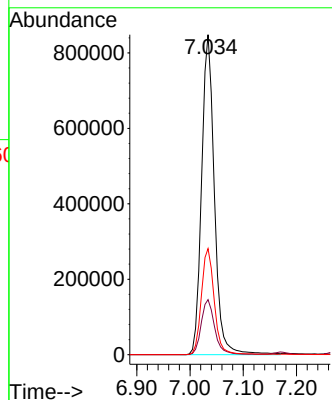
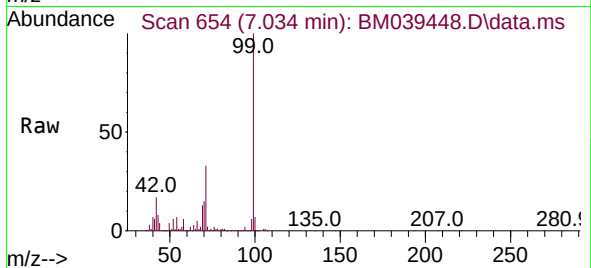




#7
Phenol-d6
Concen: 85.289 ng
RT: 7.034 min Scan# 654
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

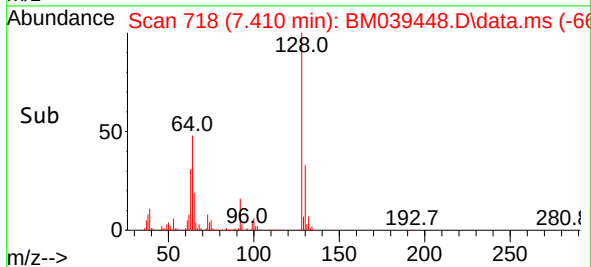
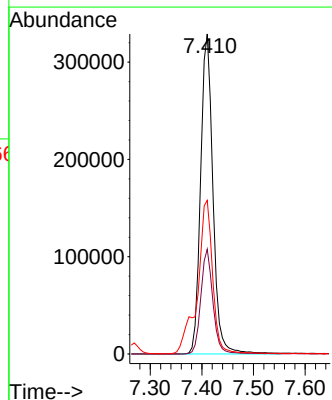
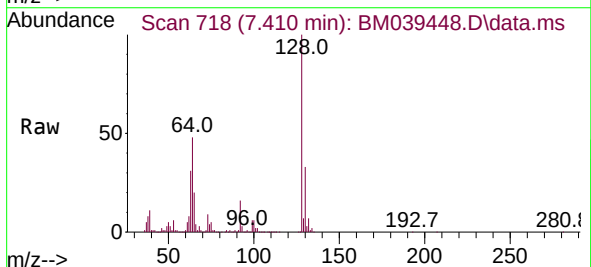
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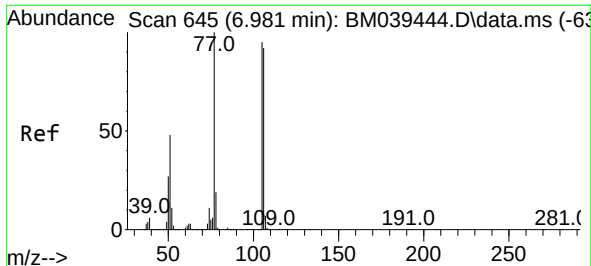
Tgt Ion: 99 Resp: 1415466
Ion Ratio Lower Upper
99 100
42 17.2 14.2 21.4
71 33.1 26.8 40.2



#8
2-Chlorophenol
Concen: 42.618 ng
RT: 7.410 min Scan# 718
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion: 128 Resp: 545805
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 48.0 29.0 69.0

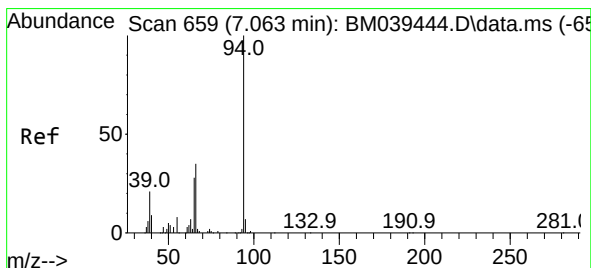
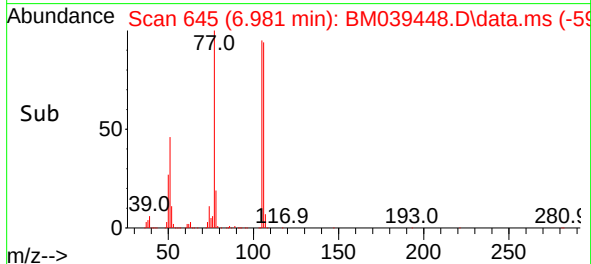
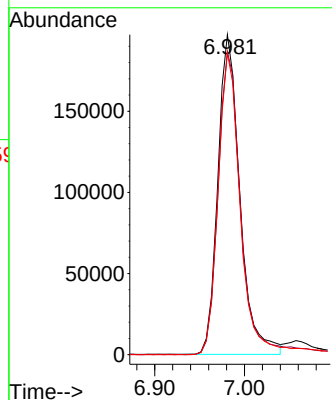
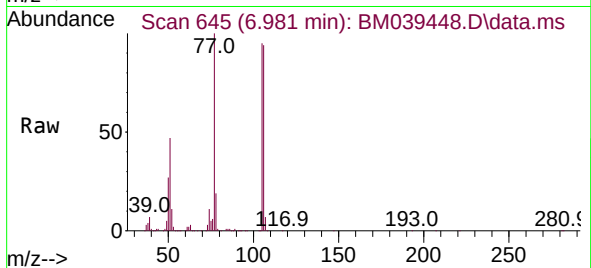




#9
Benzaldehyde
Concen: 39.290 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

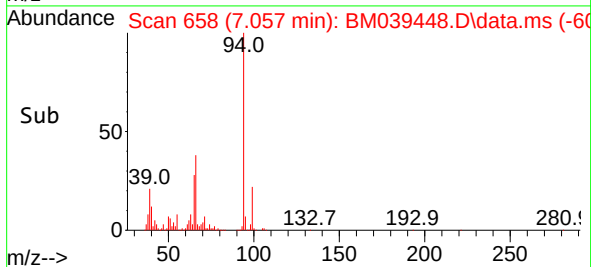
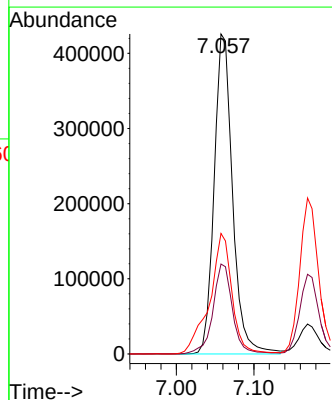
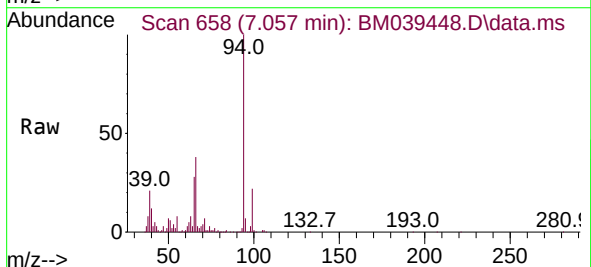
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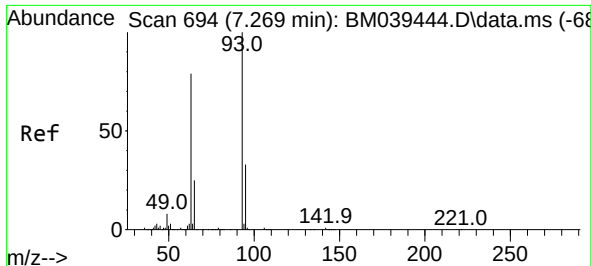
Tgt Ion: 77 Resp: 336225
Ion Ratio Lower Upper
77 100
105 94.6 75.3 115.3
106 94.4 71.9 111.9



#10
Phenol
Concen: 43.141 ng
RT: 7.057 min Scan# 658
Delta R.T. -0.006 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion: 94 Resp: 702347
Ion Ratio Lower Upper
94 100
65 28.1 8.2 48.2
66 37.7 16.7 56.7

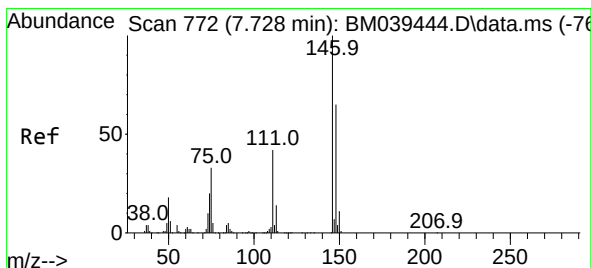
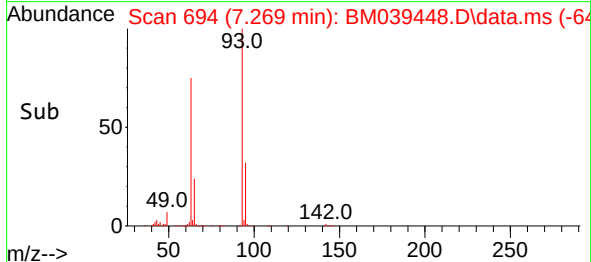
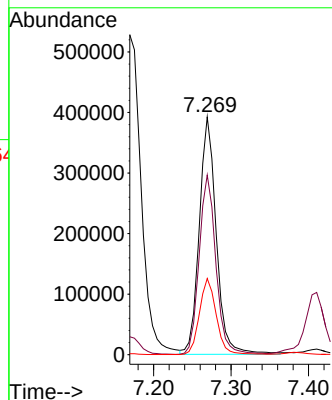
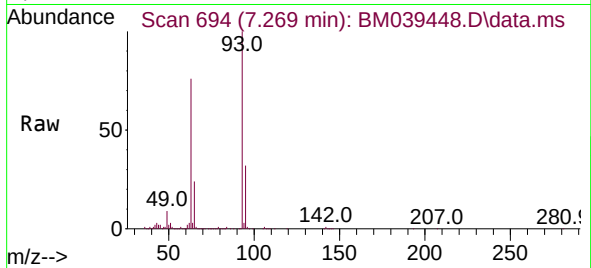




#11
bis(2-Chloroethyl)ether
Concen: 42.885 ng
RT: 7.269 min Scan# 694
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

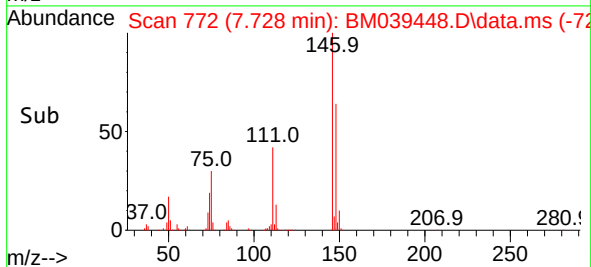
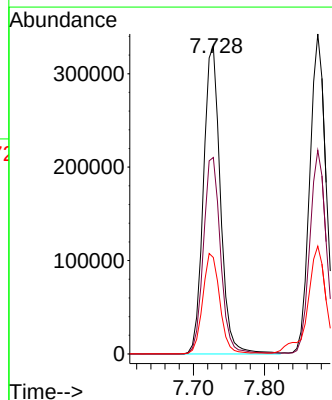
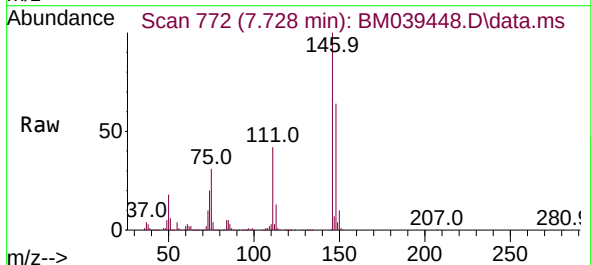
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

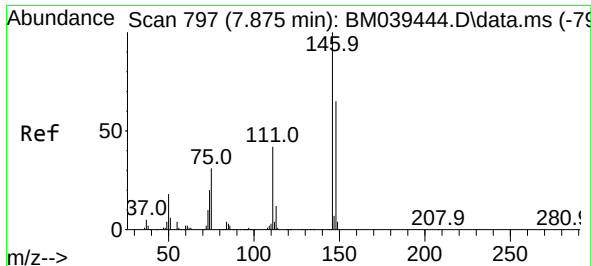
Tgt Ion: 93 Resp: 598787
Ion Ratio Lower Upper
93 100
63 75.6 58.1 98.1
95 32.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.118 ng
RT: 7.728 min Scan# 772
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion: 146 Resp: 548699
Ion Ratio Lower Upper
146 100
148 63.8 52.0 78.0
75 31.4 26.6 39.8

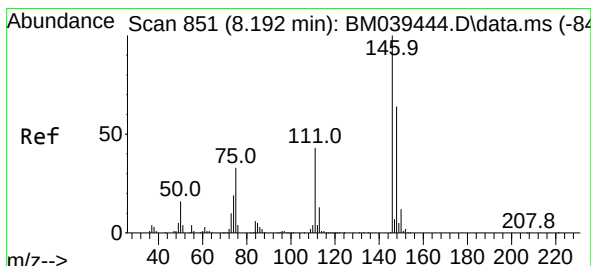
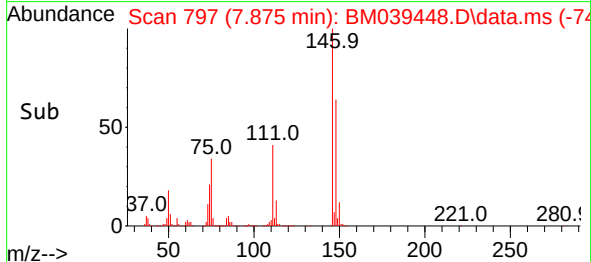
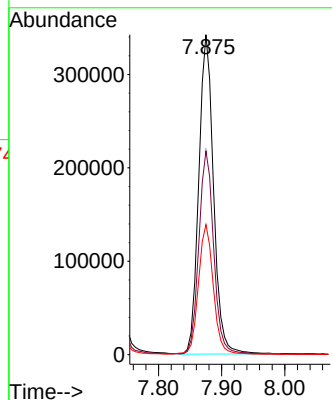
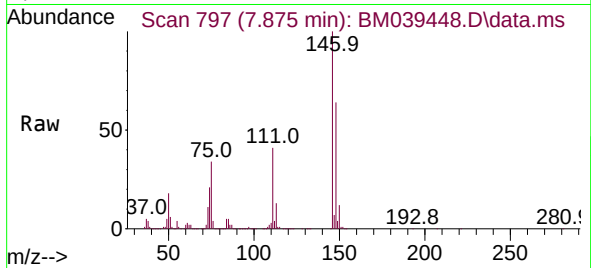




#13
1,4-Dichlorobenzene
Concen: 41.513 ng
RT: 7.875 min Scan# 797
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

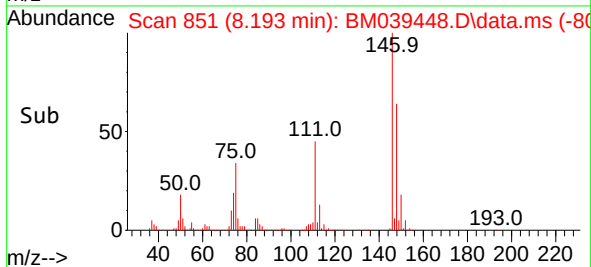
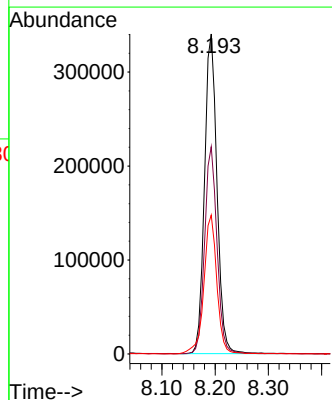
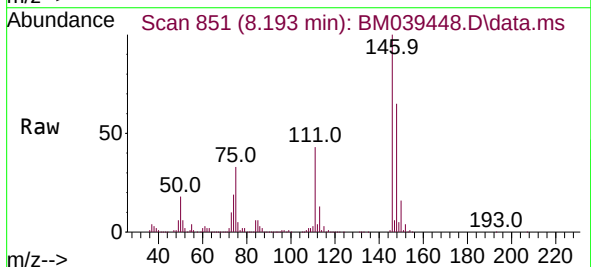
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

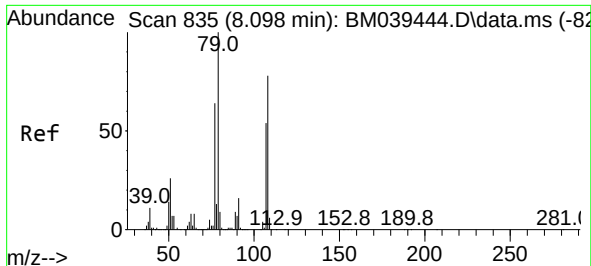
Tgt Ion:146 Resp: 555381
Ion Ratio Lower Upper
146 100
148 63.7 51.7 77.5
111 40.6 33.5 50.3



#14
1,2-Dichlorobenzene
Concen: 41.577 ng
RT: 8.193 min Scan# 851
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:146 Resp: 552411
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
111 43.4 34.3 51.5

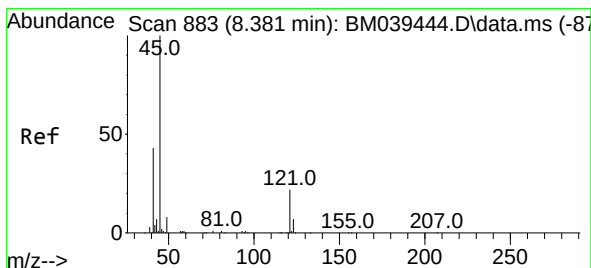
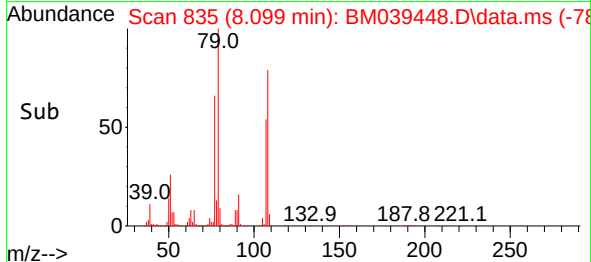
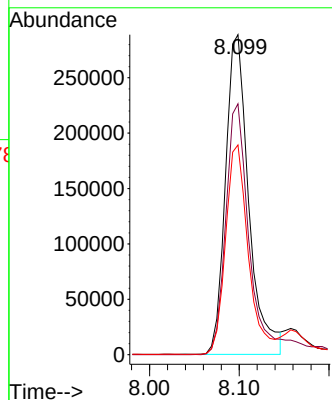
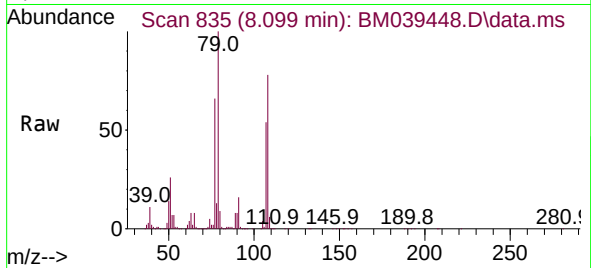




#15
Benzyl Alcohol
Concen: 42.979 ng
RT: 8.099 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

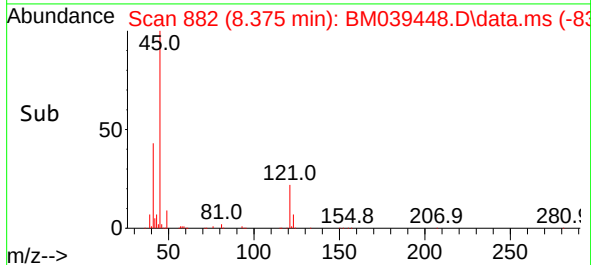
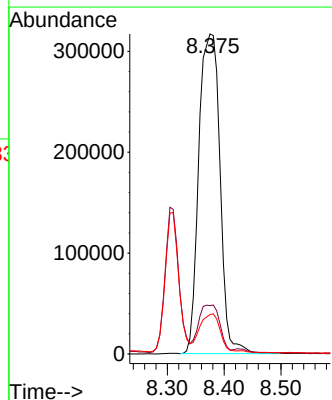
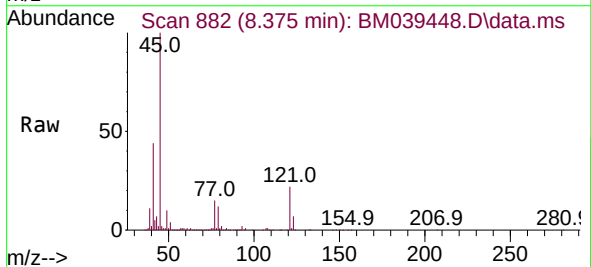
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

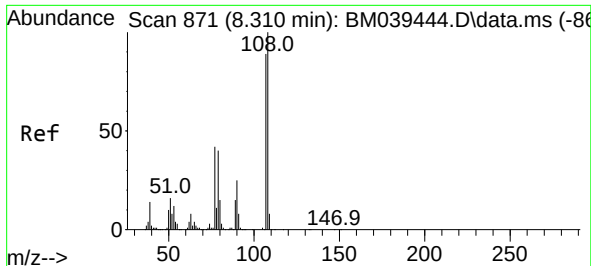
Tgt Ion: 79 Resp: 519912
Ion Ratio Lower Upper
79 100
108 78.4 62.6 93.8
77 65.6 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.665 ng
RT: 8.375 min Scan# 882
Delta R.T. -0.006 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion: 45 Resp: 820670
Ion Ratio Lower Upper
45 100
77 15.1 0.0 35.3
79 12.3 0.0 32.2

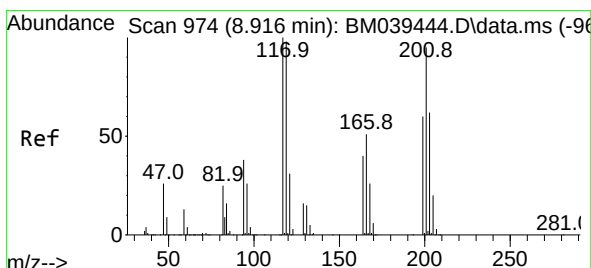
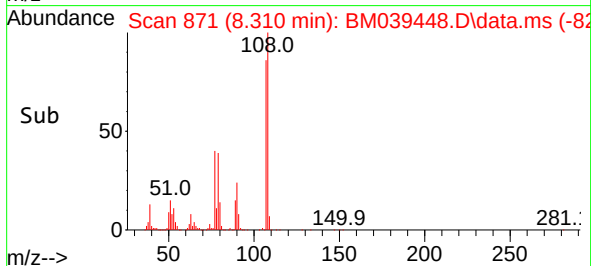
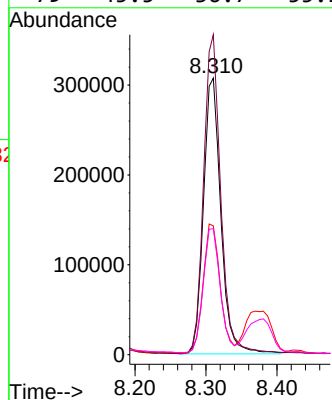
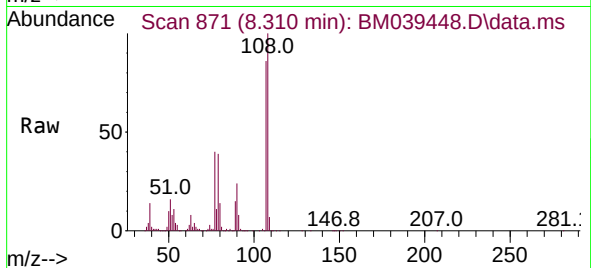




#17
2-Methylphenol
Concen: 43.610 ng
RT: 8.310 min Scan# 871
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

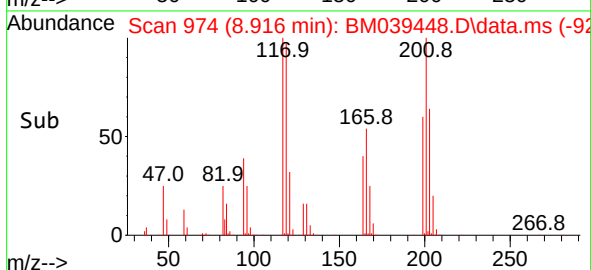
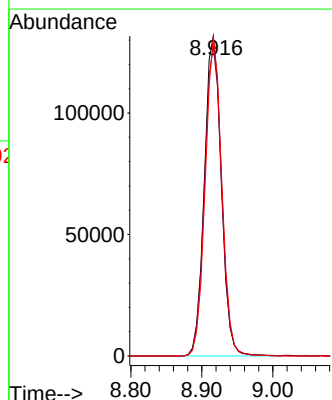
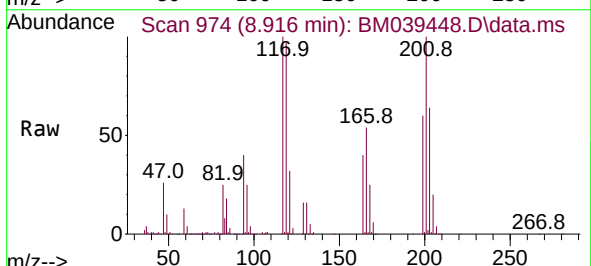
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

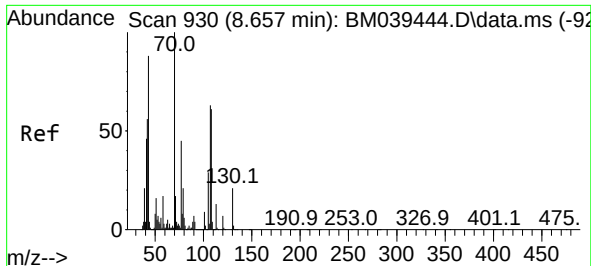
Tgt Ion:	107	Resp:	524235
Ion	Ratio	Lower	Upper
107	100		
108	115.7	90.3	135.5
77	46.6	38.6	58.0
79	45.5	36.7	55.1



#18
Hexachloroethane
Concen: 41.363 ng
RT: 8.916 min Scan# 974
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:	117	Resp:	220019
Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.2	117.2
201	99.9	76.0	114.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.260 ng

RT: 8.657 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

ICVBM041723

Tgt Ion: 70 Resp: 530688

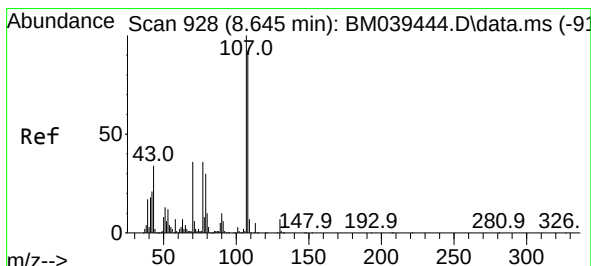
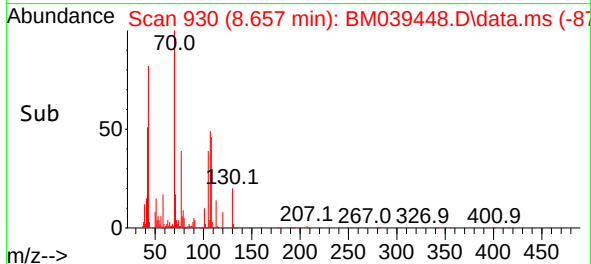
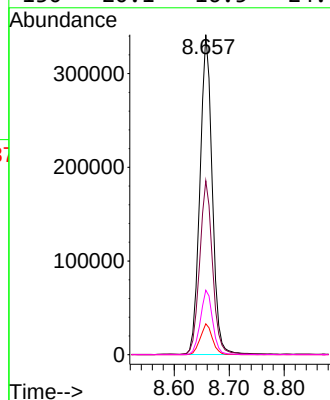
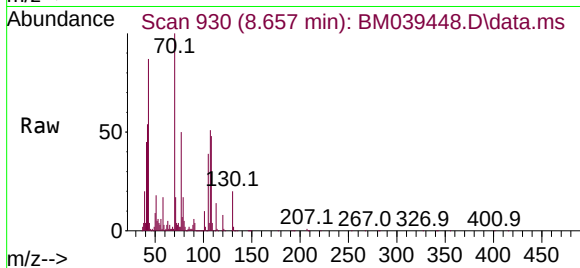
Ion Ratio Lower Upper

70 100

42 54.4 44.7 67.1

101 9.7 7.5 11.3

130 20.1 16.5 24.7



#20

3+4-Methylphenols

Concen: 43.971 ng

RT: 8.640 min Scan# 927

Delta R.T. -0.006 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Tgt Ion: 107 Resp: 726559

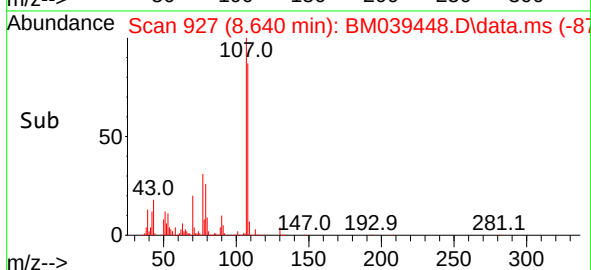
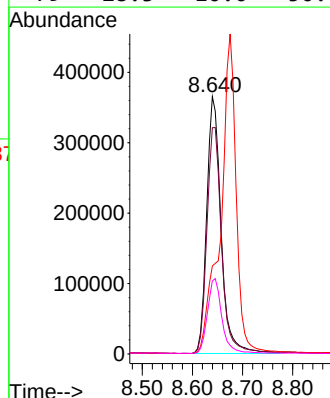
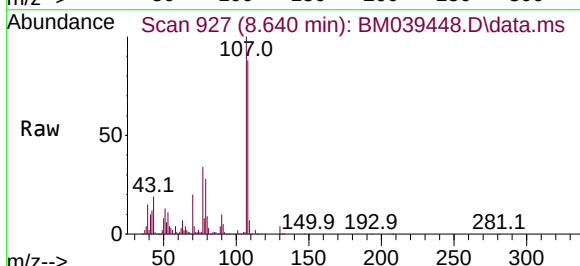
Ion Ratio Lower Upper

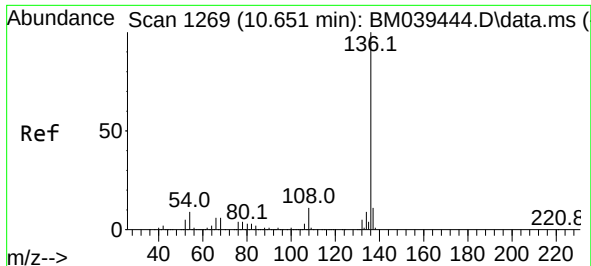
107 100

108 87.8 71.6 111.6

77 34.2 16.2 56.2

79 28.3 10.0 50.0

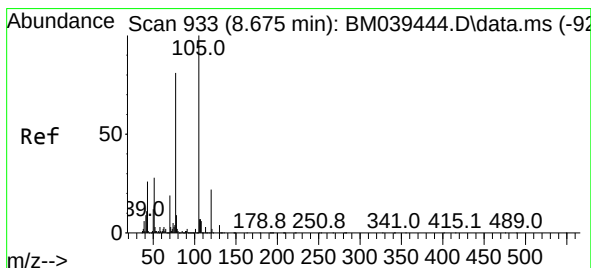
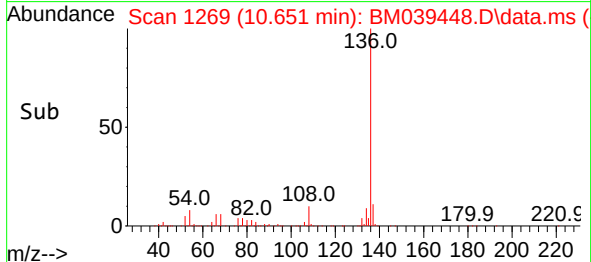
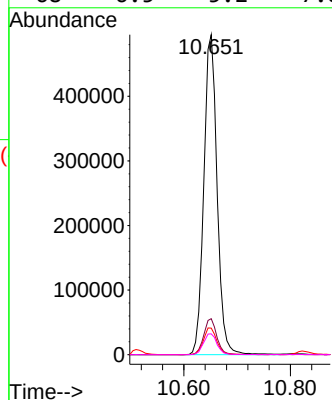
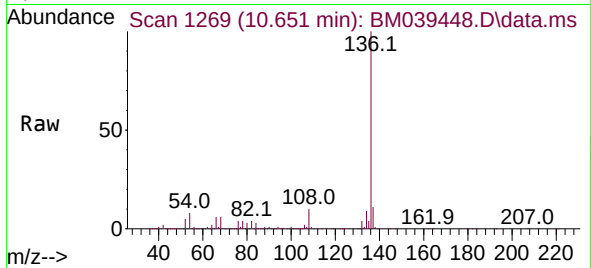




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

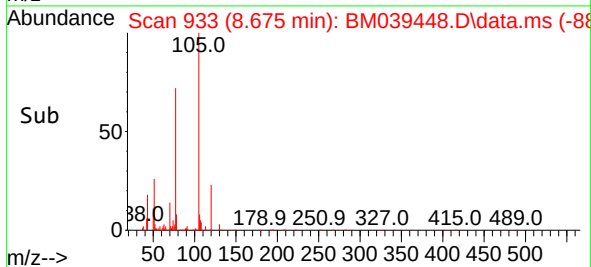
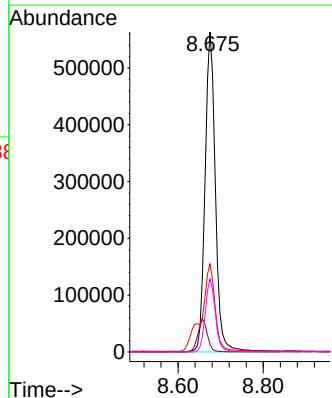
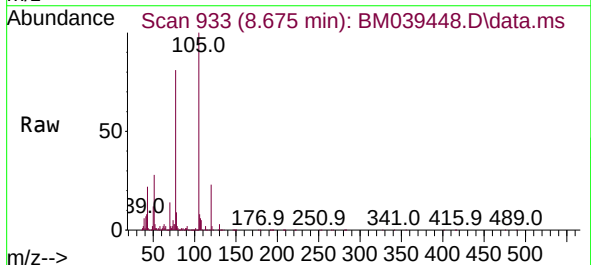
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

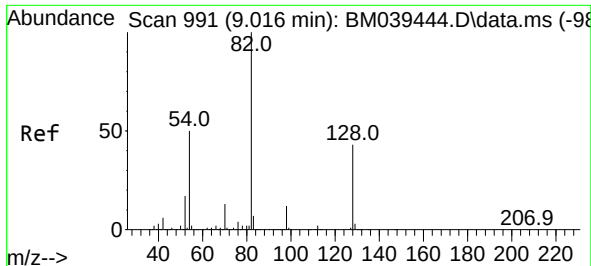
Tgt Ion:	136	Resp:	854437
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.3	6.9	10.3
68	6.5	5.2	7.8



#22
Acetophenone
Concen: 42.119 ng
RT: 8.675 min Scan# 933
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:	105	Resp:	953655
Ion	Ratio	Lower	Upper
105	100		
71	2.4	2.6	3.8
51	27.6	22.3	33.5
120	22.8	17.8	26.8

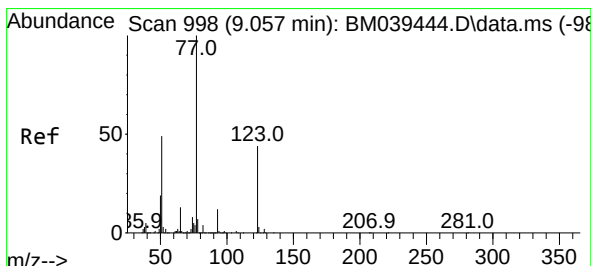
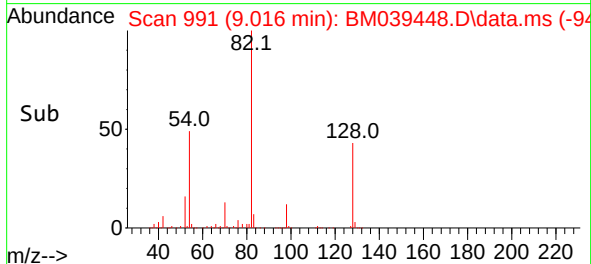
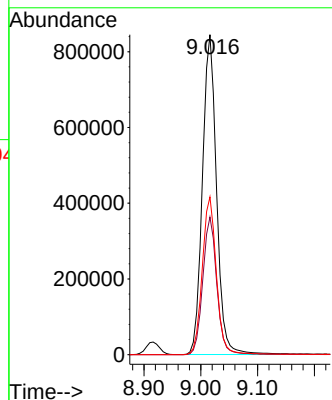
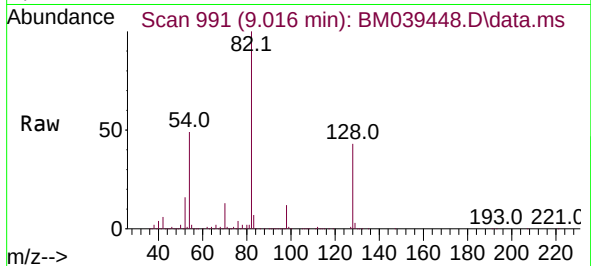




#23
Nitrobenzene-d5
Concen: 83.774 ng
RT: 9.016 min Scan# 991
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

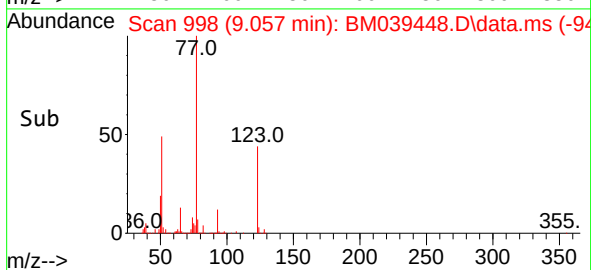
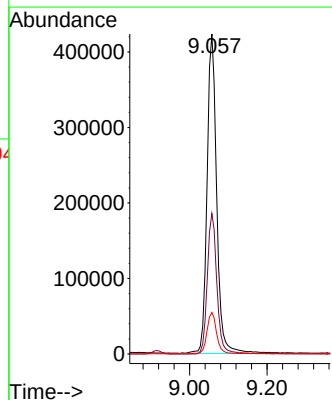
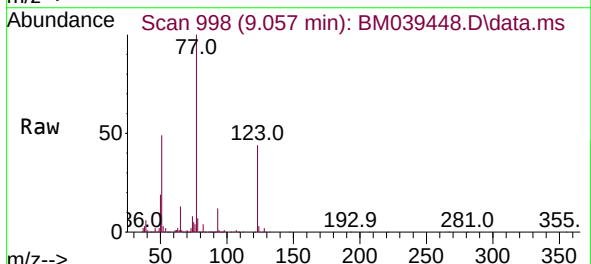
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

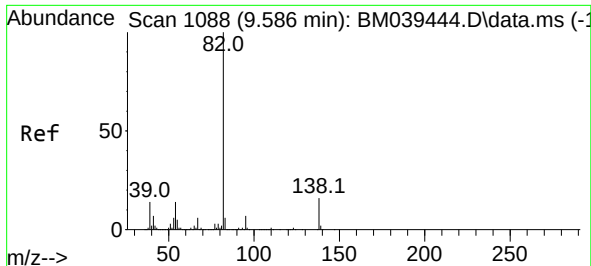
Tgt Ion: 82 Resp: 1461688
Ion Ratio Lower Upper
82 100
128 43.0 34.2 51.2
54 49.3 39.7 59.5



#24
Nitrobenzene
Concen: 42.488 ng
RT: 9.057 min Scan# 998
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion: 77 Resp: 730138
Ion Ratio Lower Upper
77 100
123 43.9 35.0 52.6
65 13.0 10.4 15.6

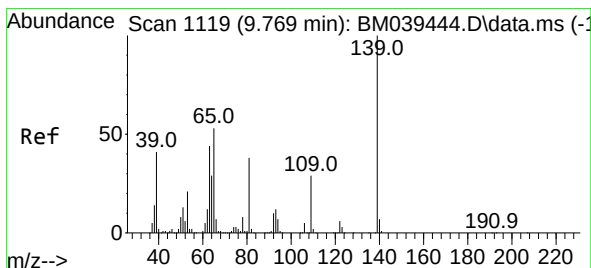
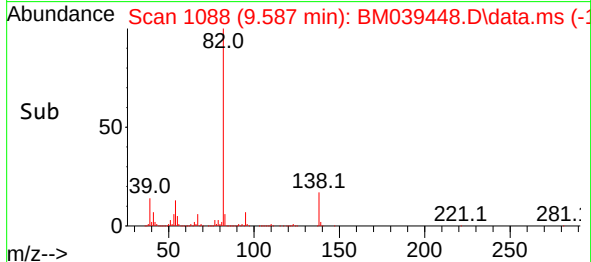
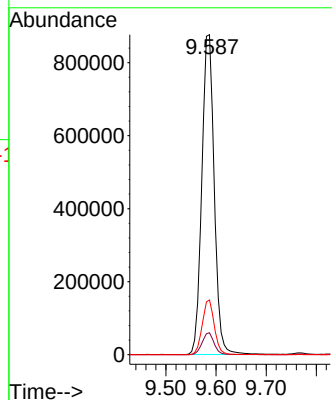
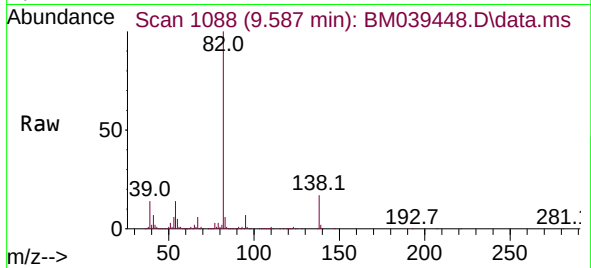




#25
Isophorone
Concen: 41.754 ng
RT: 9.587 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

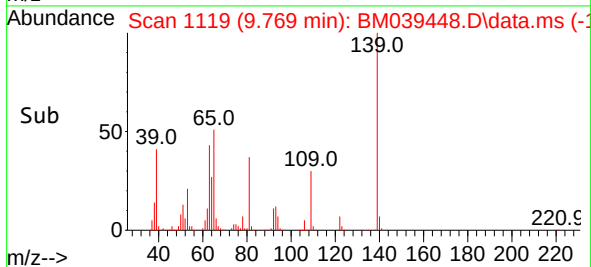
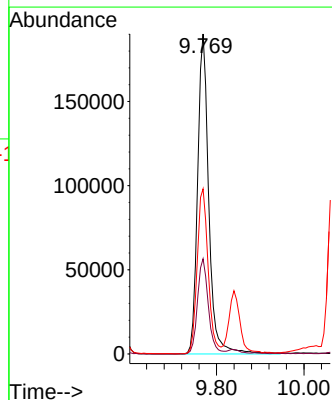
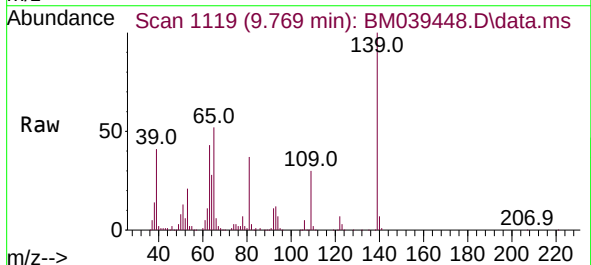
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

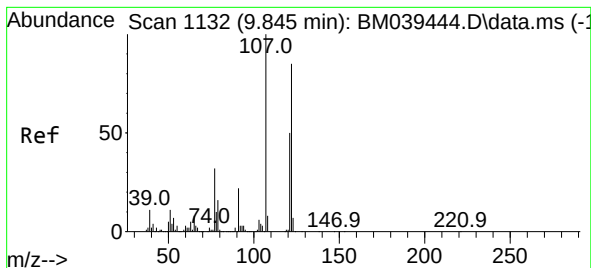
Tgt Ion: 82 Resp: 1508829
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 17.1 13.1 19.7



#26
2-Nitrophenol
Concen: 43.676 ng
RT: 9.769 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:139 Resp: 338697
Ion Ratio Lower Upper
139 100
109 29.7 23.0 34.6
65 51.6 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 42.322 ng

RT: 9.840 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

ICVBM041723

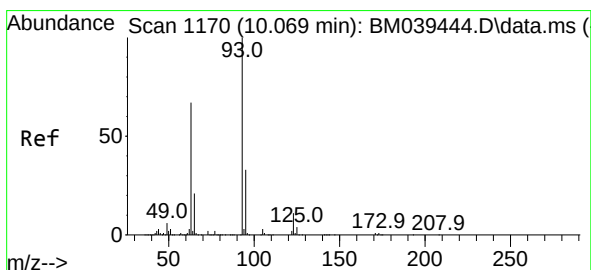
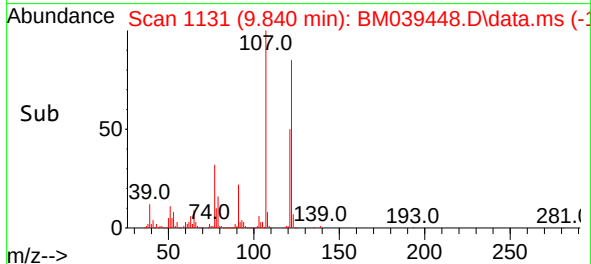
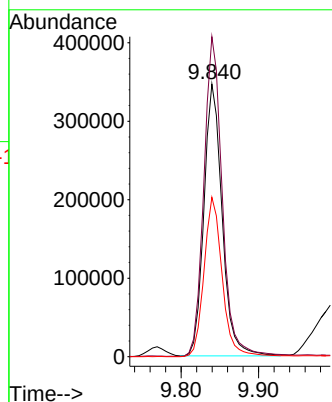
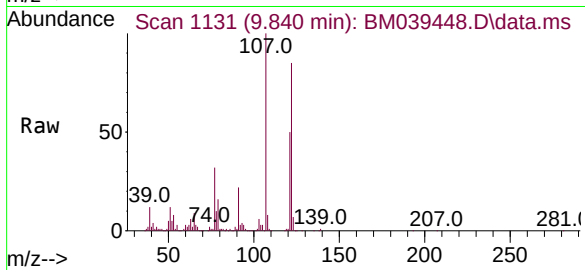
Tgt Ion:122 Resp: 567179

Ion Ratio Lower Upper

122 100

107 117.4 94.3 141.5

121 58.5 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.936 ng

RT: 10.069 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

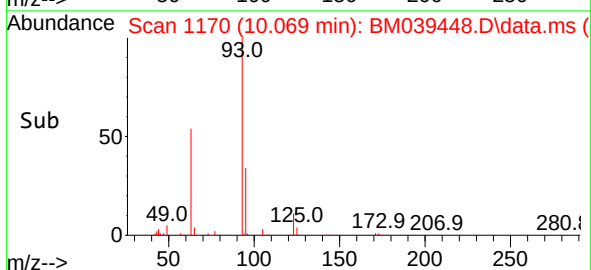
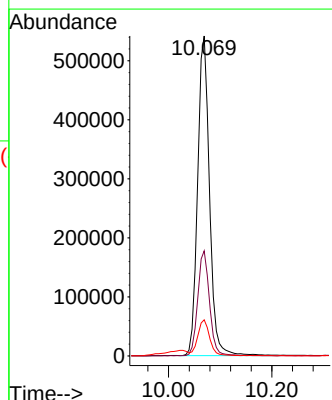
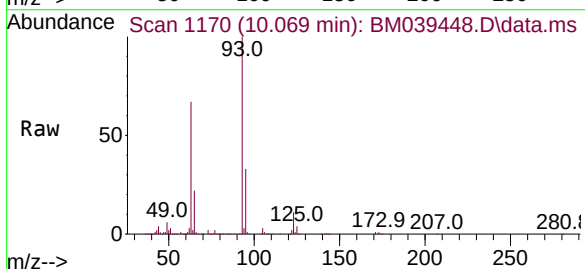
Tgt Ion: 93 Resp: 861421

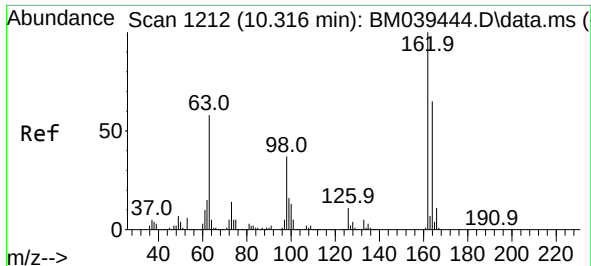
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 11.3 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 43.494 ng

RT: 10.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

ICVBM041723

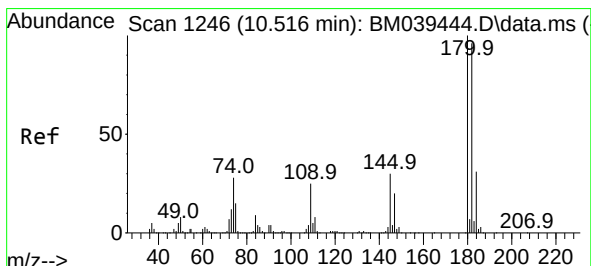
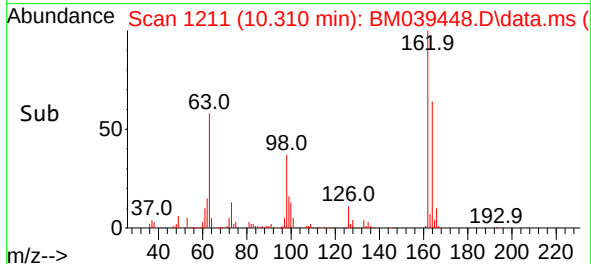
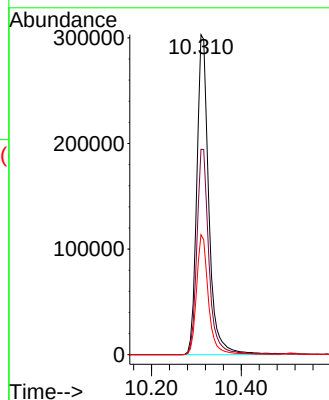
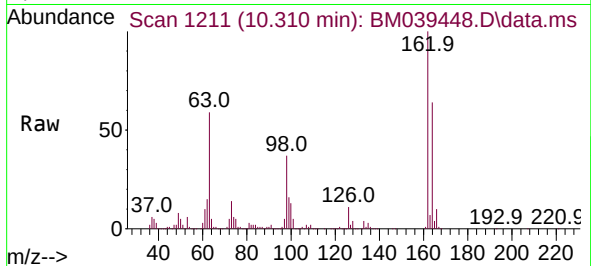
Tgt Ion:162 Resp: 564394

Ion Ratio Lower Upper

162 100

164 64.2 44.7 84.7

98 37.5 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 41.663 ng

RT: 10.510 min Scan# 1245

Delta R.T. -0.006 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

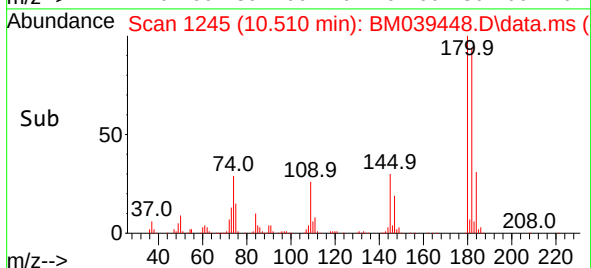
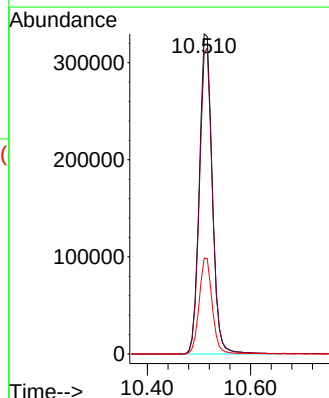
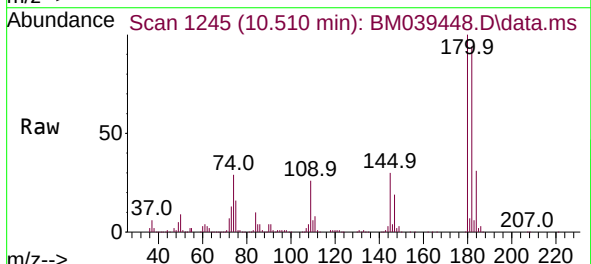
Tgt Ion:180 Resp: 572223

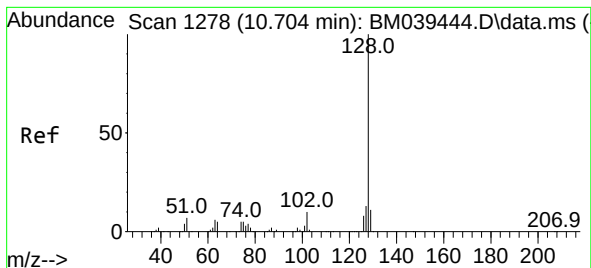
Ion Ratio Lower Upper

180 100

182 94.2 76.5 114.7

145 30.0 24.2 36.4





#31

Naphthalene

Concen: 41.641 ng

RT: 10.698 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

ICVBM041723

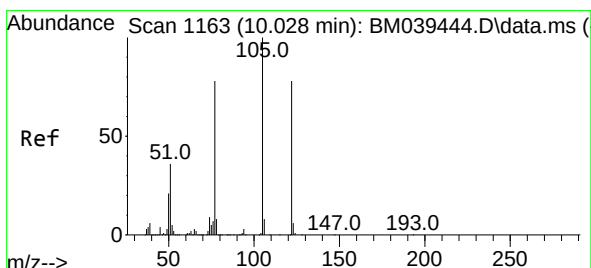
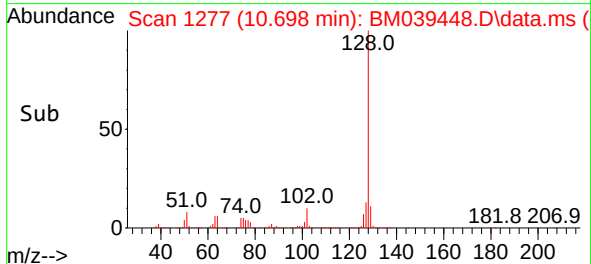
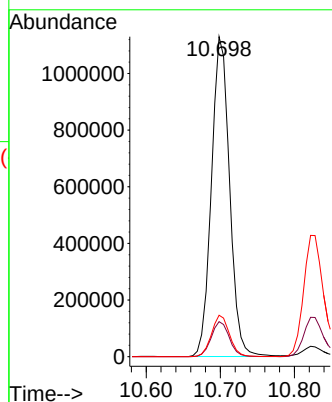
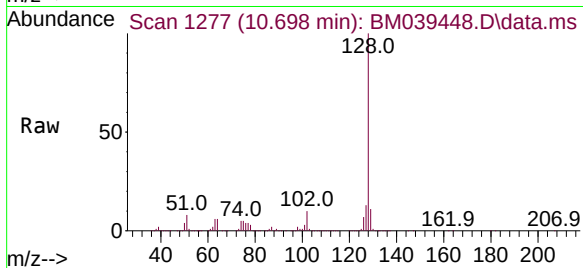
Tgt Ion:128 Resp: 1922507

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 13.0 10.3 15.5



#32

Benzoic acid

Concen: 40.164 ng

RT: 10.028 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

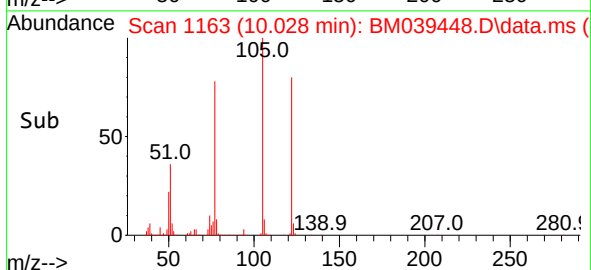
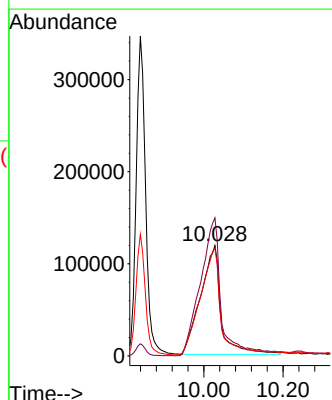
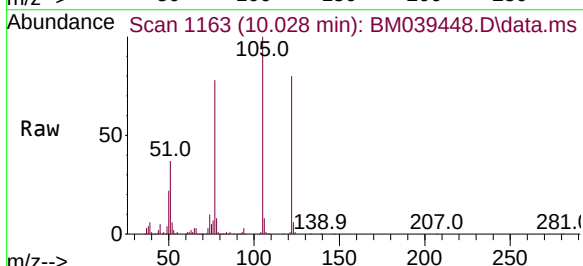
Tgt Ion:122 Resp: 422466

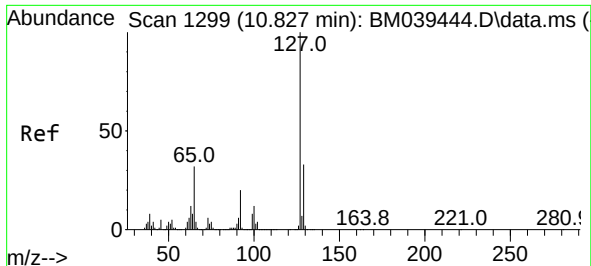
Ion Ratio Lower Upper

122 100

105 125.1 105.9 145.9

77 97.5 78.8 118.8

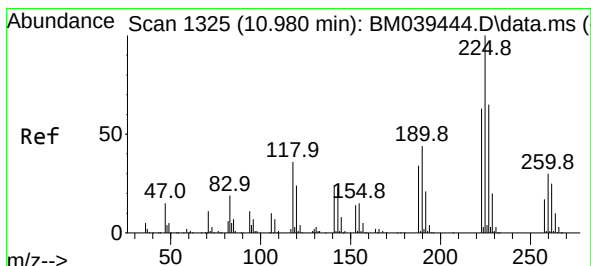
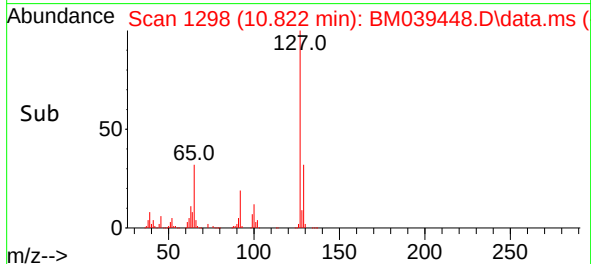
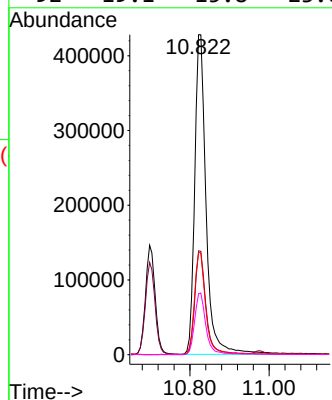
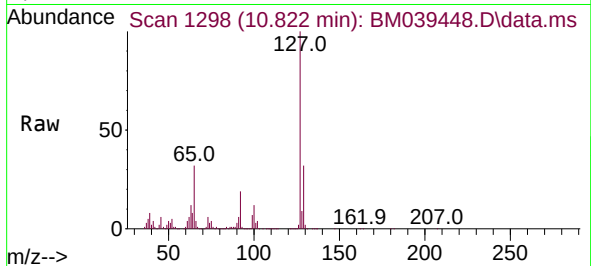




#33
4-Chloroaniline
Concen: 44.045 ng
RT: 10.822 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

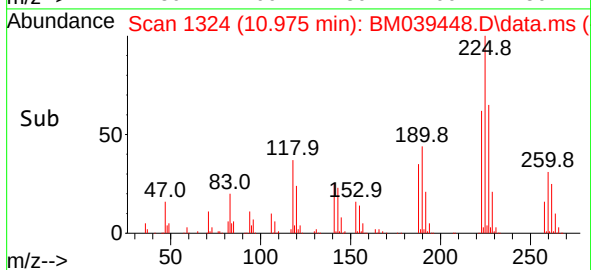
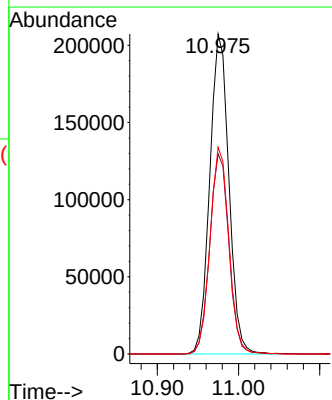
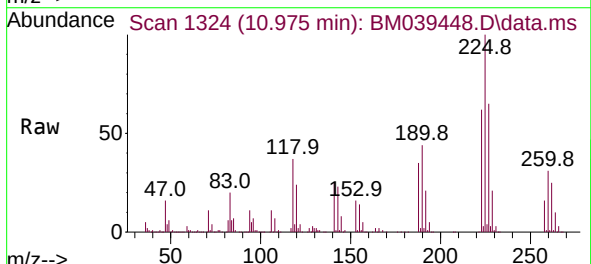
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

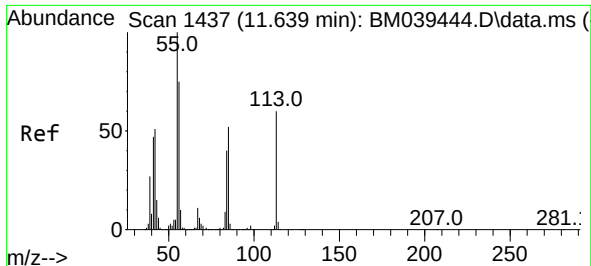
Tgt Ion:	127	Resp:	859043
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	31.9	25.7	38.5
92	19.1	15.8	23.6



#34
Hexachlorobutadiene
Concen: 41.491 ng
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:	225	Resp:	338417
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.1	75.1
227	64.6	51.7	77.5

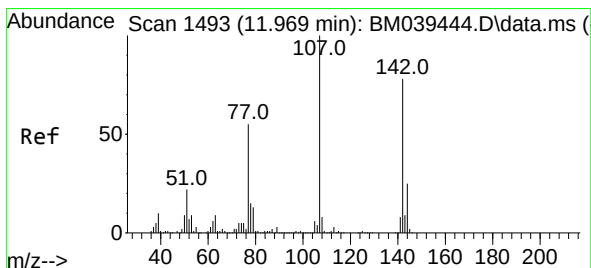
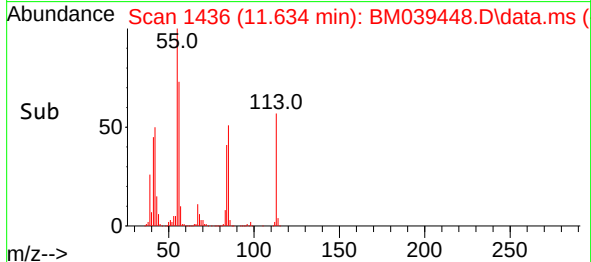
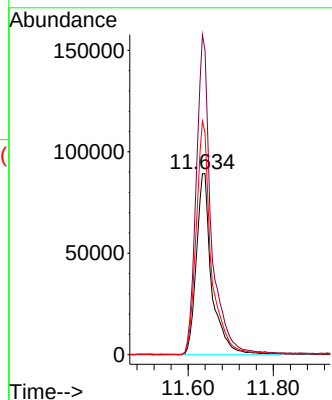
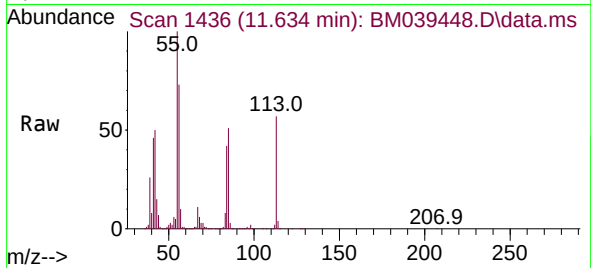




#35
 Caprolactam
 Concen: 43.050 ng
 RT: 11.634 min Scan# 1436
 Delta R.T. -0.006 min
 Lab File: BM039448.D
 Acq: 17 Apr 2023 19:40

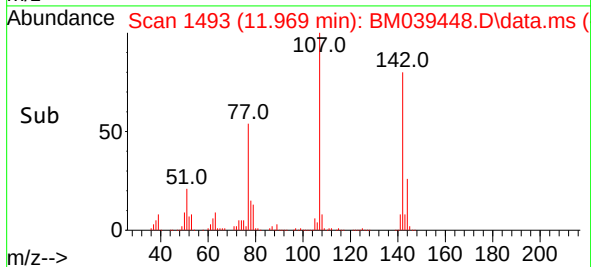
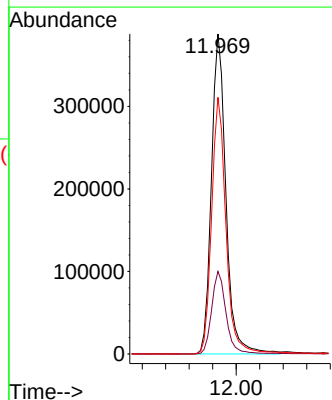
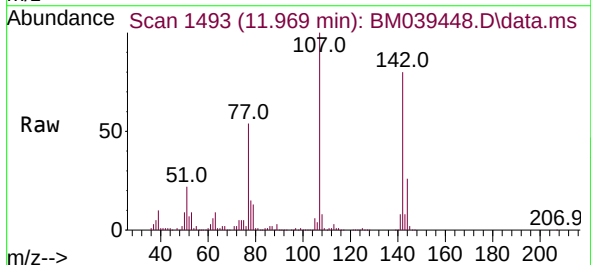
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM041723

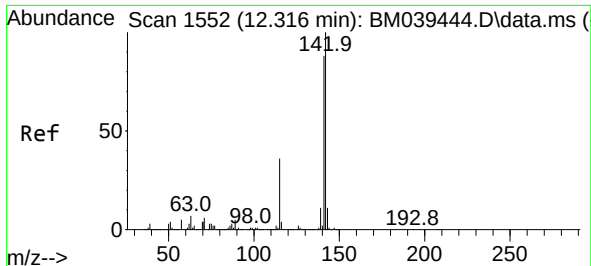
Tgt Ion:113 Resp: 222791
 Ion Ratio Lower Upper
 113 100
 55 176.8 147.8 187.8
 56 129.0 105.6 145.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.993 ng
 RT: 11.969 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: BM039448.D
 Acq: 17 Apr 2023 19:40

Tgt Ion:107 Resp: 663258
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.7 29.5
 142 80.2 62.2 93.2

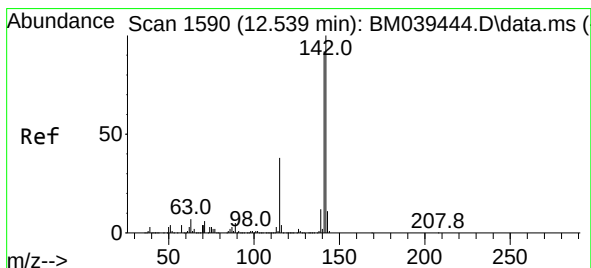
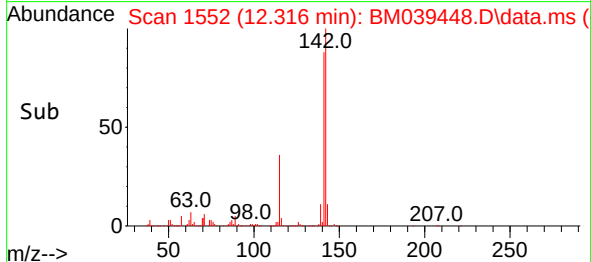
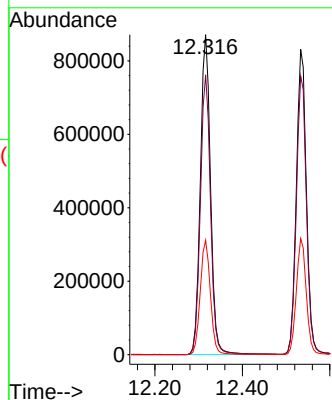
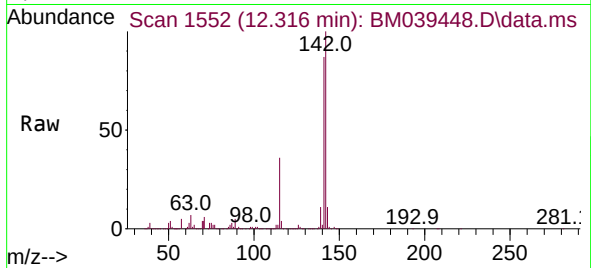




#37
2-Methylnaphthalene
Concen: 41.747 ng
RT: 12.316 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

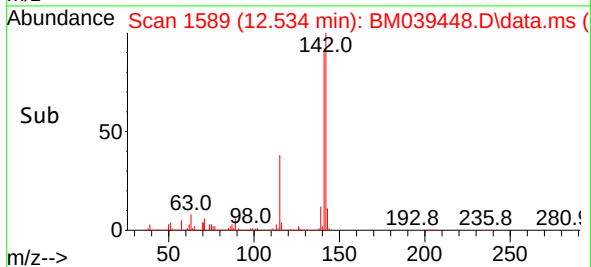
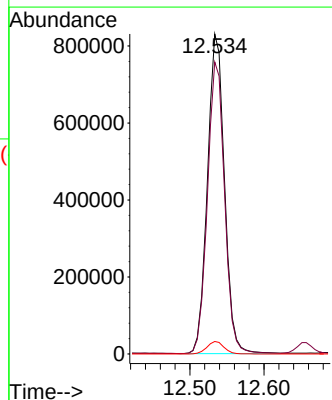
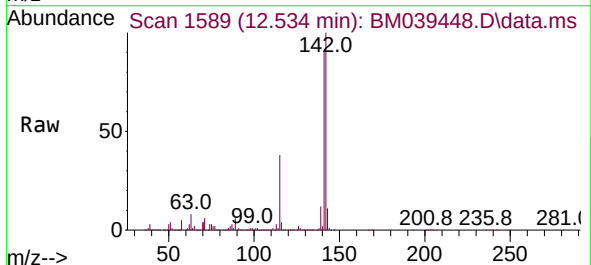
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

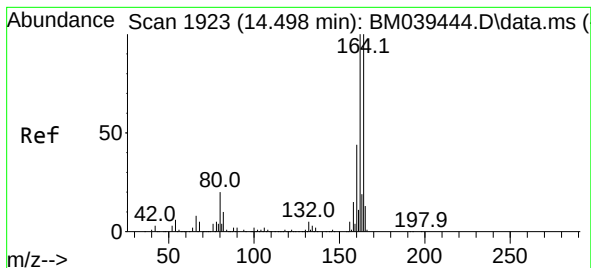
Tgt Ion:142 Resp: 1416433
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6
115 35.7 28.8 43.2



#38
1-Methylnaphthalene
Concen: 41.495 ng
RT: 12.534 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:142 Resp: 1326675
Ion Ratio Lower Upper
142 100
141 91.3 73.3 109.9
116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.498 min Scan# 1923

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

ICVBM041723

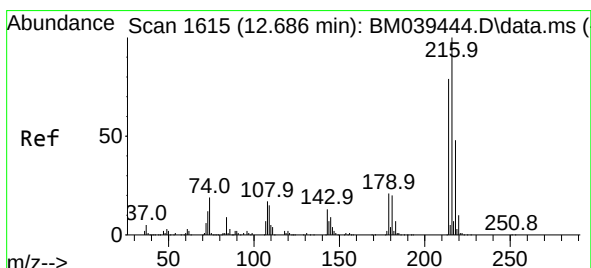
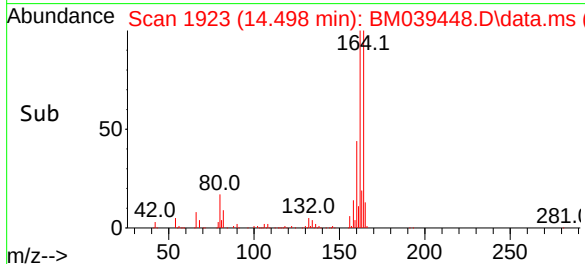
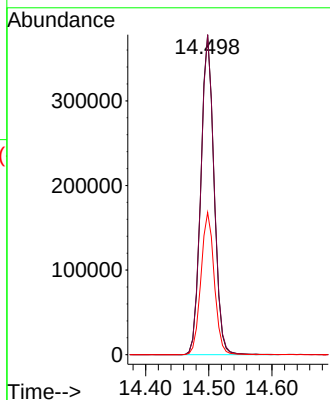
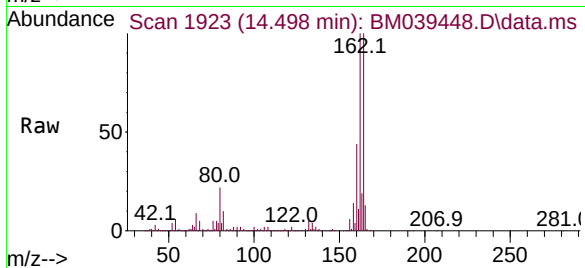
Tgt Ion:164 Resp: 549372

Ion Ratio Lower Upper

164 100

162 100.1 79.8 119.8

160 44.5 35.0 52.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.627 ng

RT: 12.686 min Scan# 1615

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Tgt Ion:216 Resp: 667028

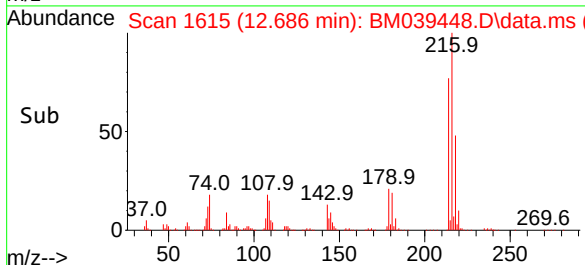
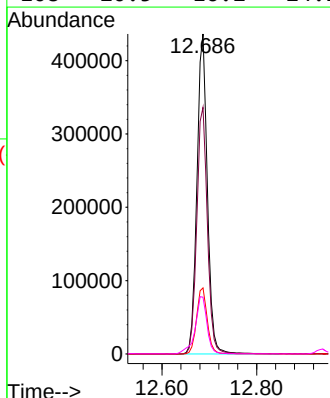
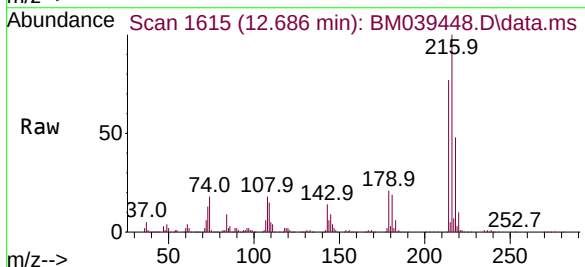
Ion Ratio Lower Upper

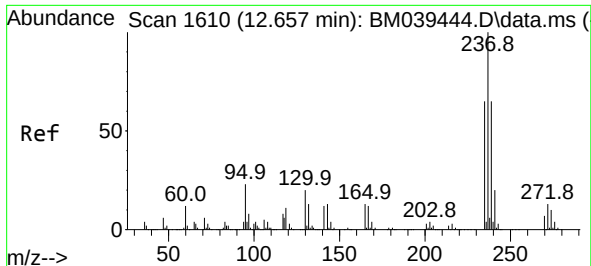
216 100

214 78.6 63.0 94.6

179 21.1 16.8 25.2

108 20.5 16.2 24.2

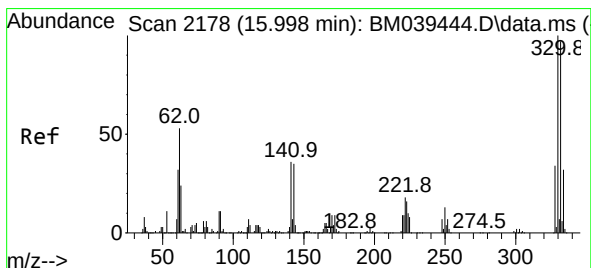
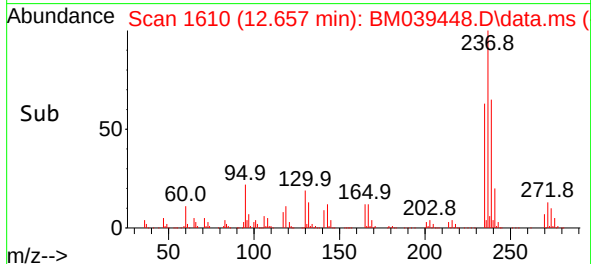
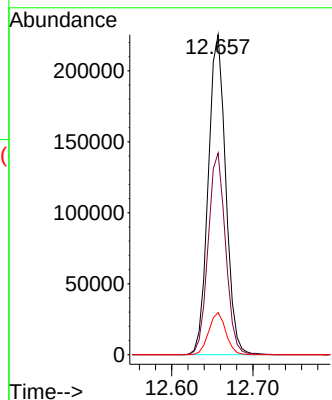
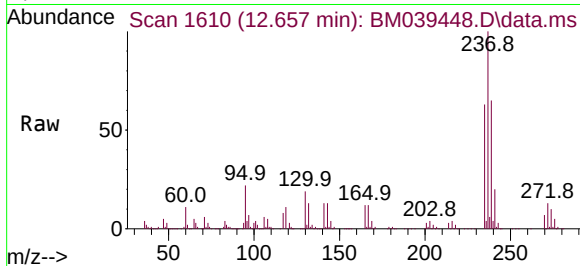




#41
Hexachlorocyclopentadiene
Concen: 40.343 ng
RT: 12.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

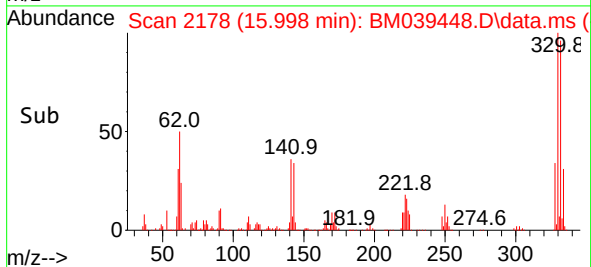
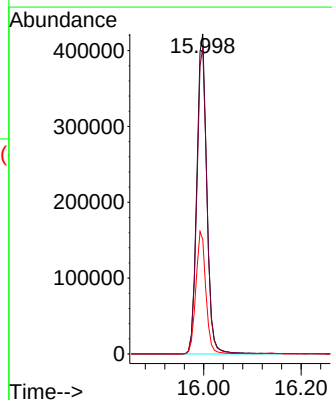
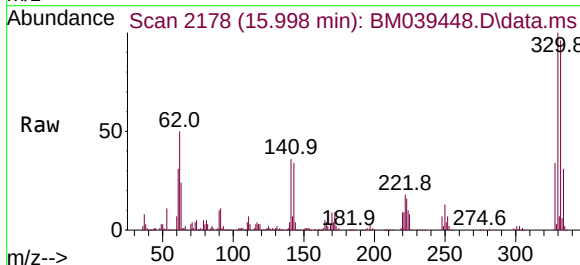
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

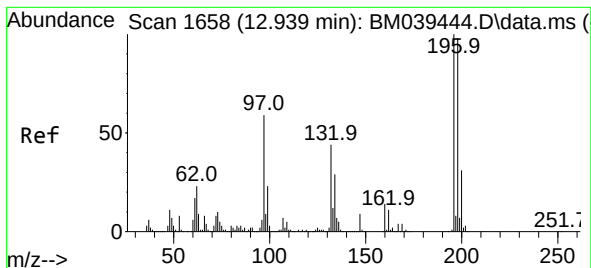
Tgt Ion:237 Resp: 336245
Ion Ratio Lower Upper
237 100
235 63.0 44.7 84.7
272 13.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 85.065 ng
RT: 15.998 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:330 Resp: 606420
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 38.4 31.0 46.6





#43

2,4,6-Trichlorophenol

Concen: 42.873 ng

RT: 12.939 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

ICVBM041723

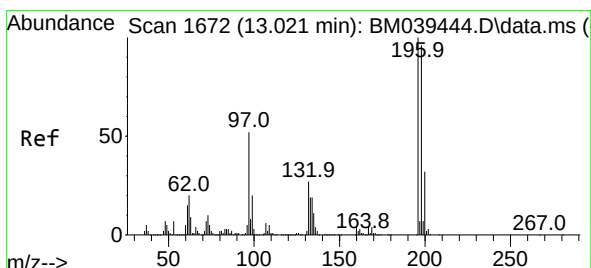
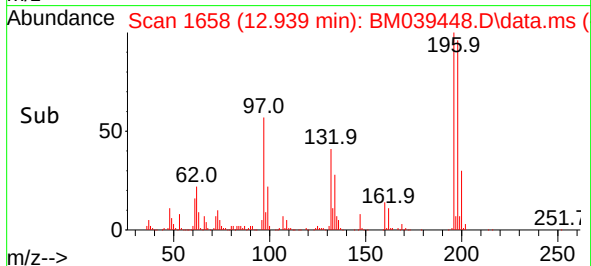
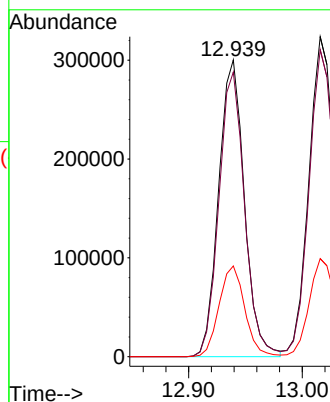
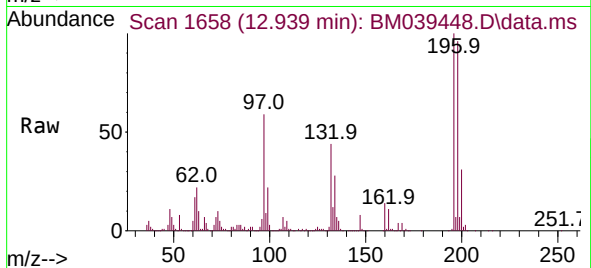
Tgt Ion:196 Resp: 473280

Ion Ratio Lower Upper

196 100

198 95.9 78.1 117.1

200 30.6 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 42.452 ng

RT: 13.016 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Tgt Ion:196 Resp: 553835

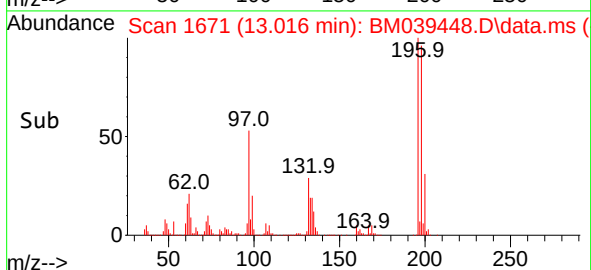
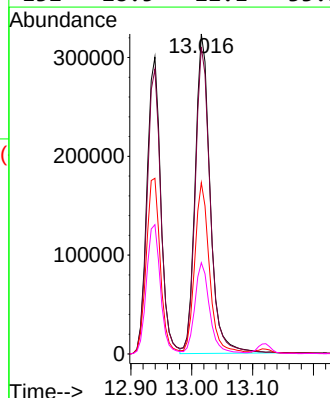
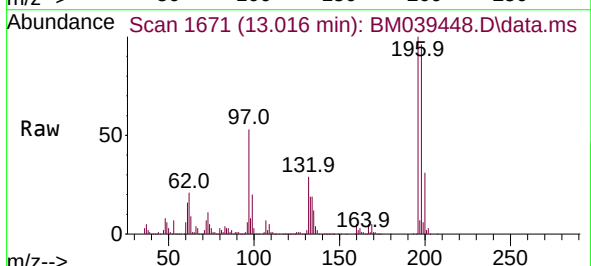
Ion Ratio Lower Upper

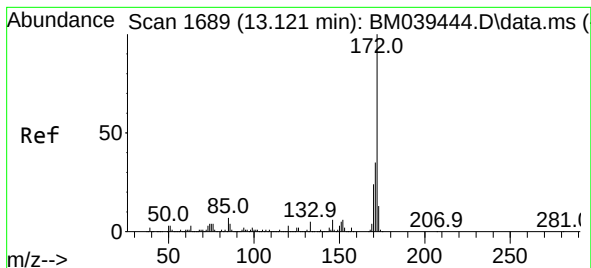
196 100

198 96.0 76.8 115.2

97 53.5 41.9 62.9

132 28.5 22.1 33.1

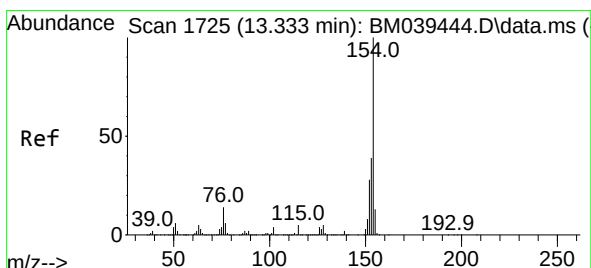
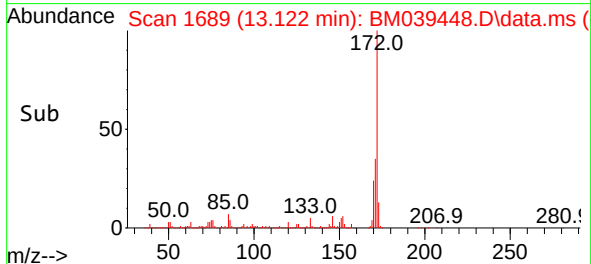
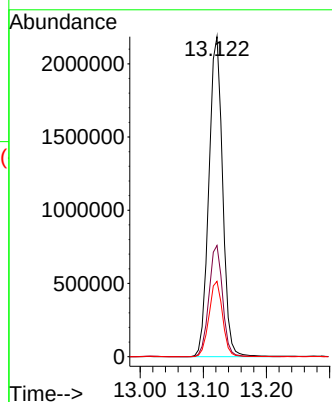
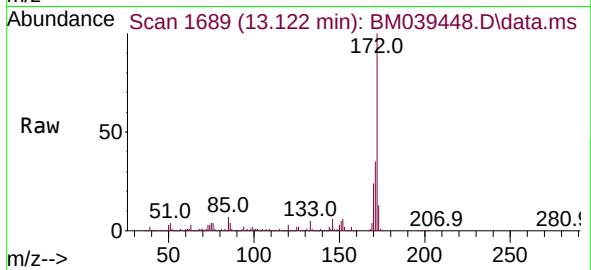




#45
2-Fluorobiphenyl
Concen: 82.854 ng
RT: 13.122 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

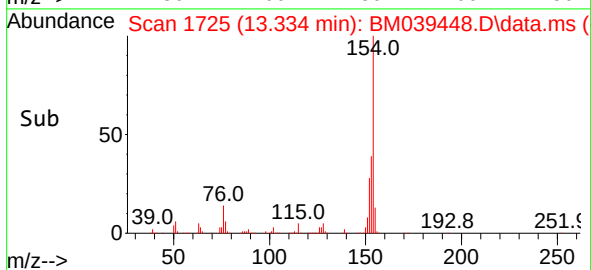
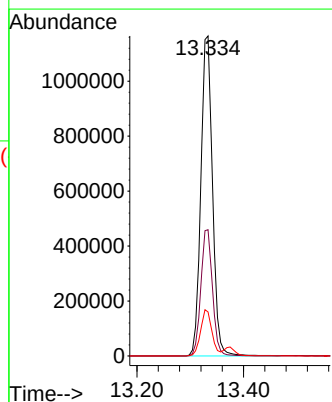
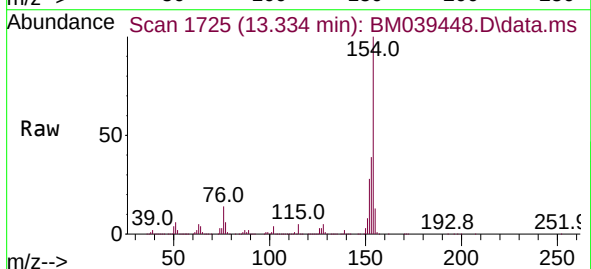
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

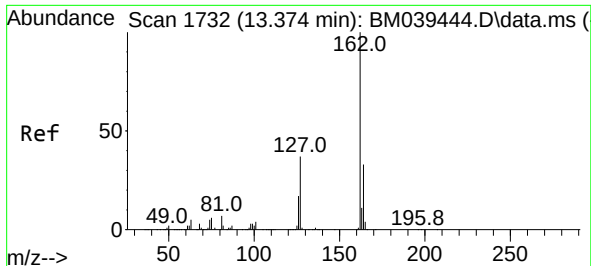
Tgt Ion:172 Resp: 3289737
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 41.826 ng
RT: 13.334 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:154 Resp: 1770232
Ion Ratio Lower Upper
154 100
153 39.5 19.5 59.5
76 13.8 0.0 34.1

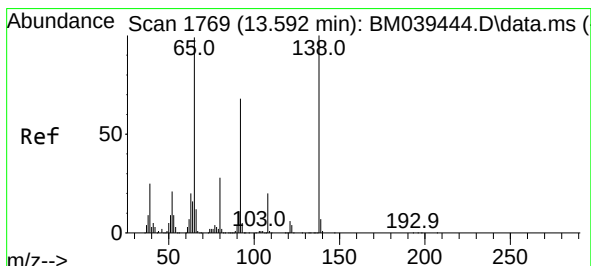
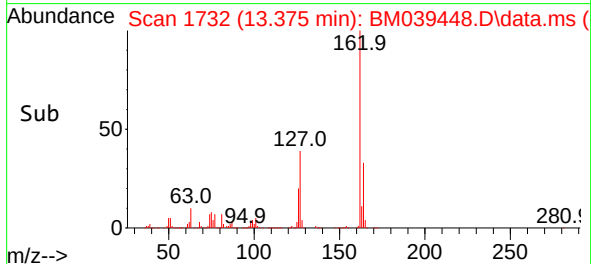
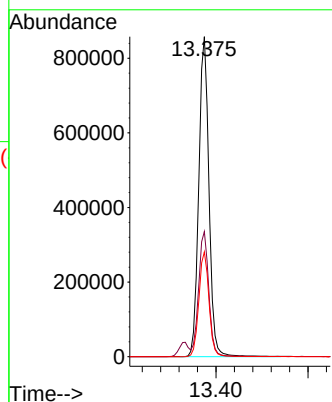
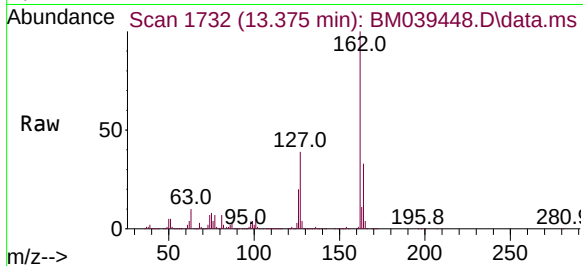




#47
2-Chloronaphthalene
Concen: 41.883 ng
RT: 13.375 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

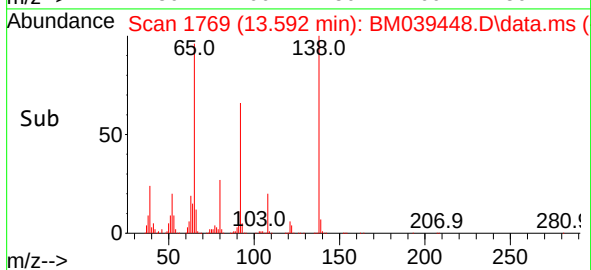
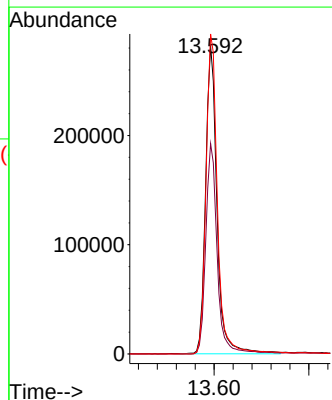
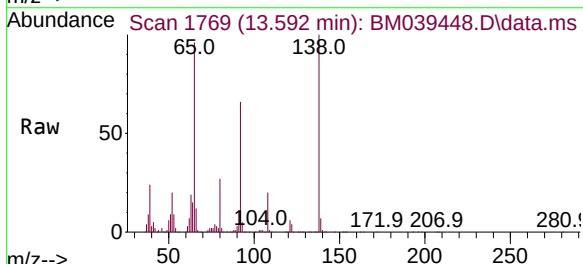
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

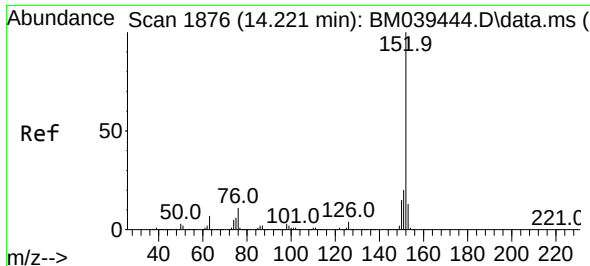
Tgt Ion:162 Resp: 1317779
Ion Ratio Lower Upper
162 100
127 39.1 31.9 47.9
164 32.8 26.1 39.1



#48
2-Nitroaniline
Concen: 43.828 ng
RT: 13.592 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion: 65 Resp: 471527
Ion Ratio Lower Upper
65 100
92 68.3 54.7 82.1
138 103.9 80.8 121.2

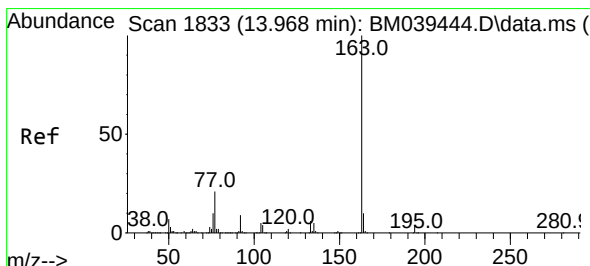
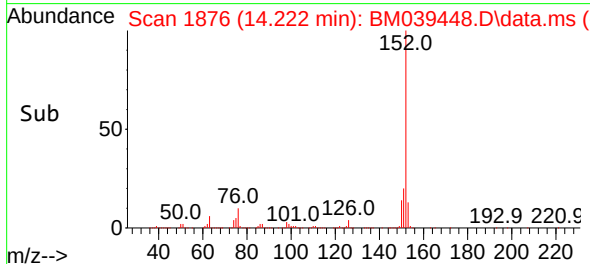
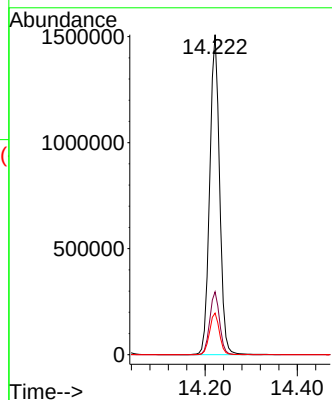
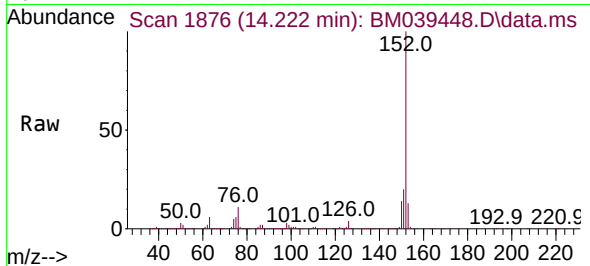




#49
Acenaphthylene
Concen: 42.009 ng
RT: 14.222 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

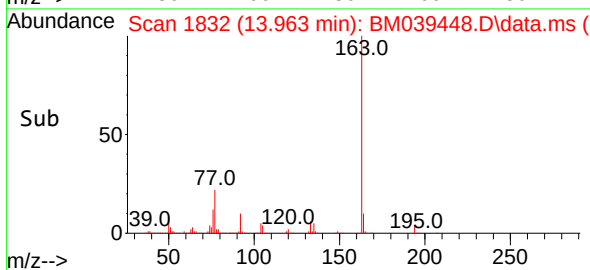
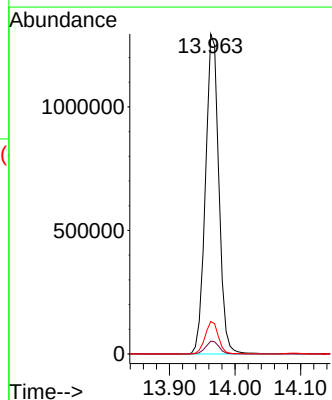
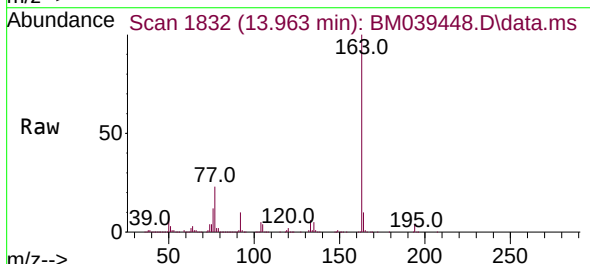
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

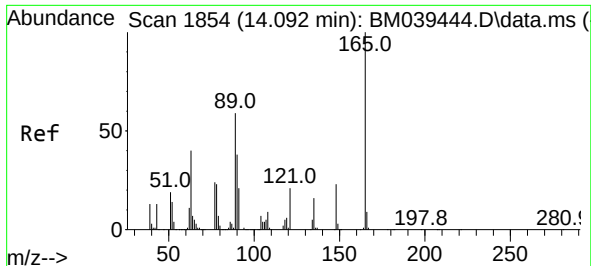
Tgt Ion:152 Resp: 2260829
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.0 10.6 15.8



#50
Dimethylphthalate
Concen: 41.439 ng
RT: 13.963 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:163 Resp: 1842819
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.2 8.1 12.1

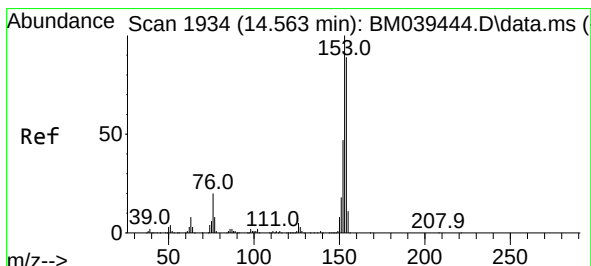
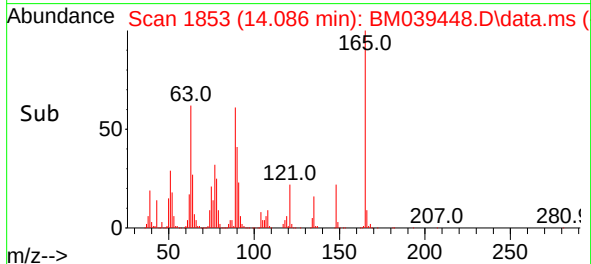
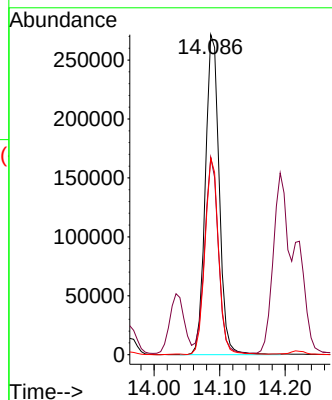
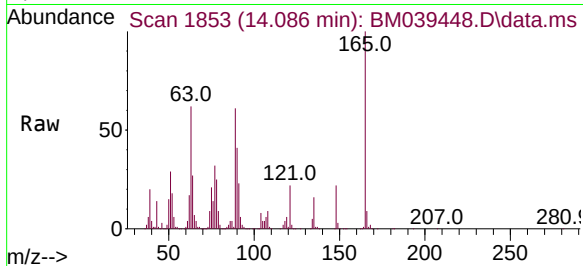




#51
2,6-Dinitrotoluene
Concen: 42.297 ng
RT: 14.086 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

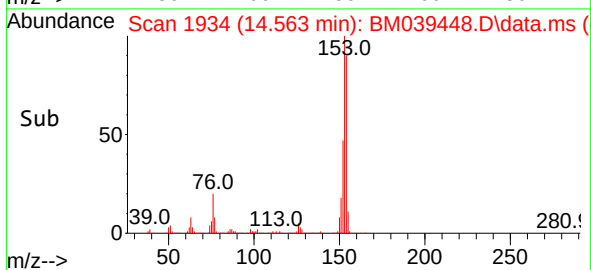
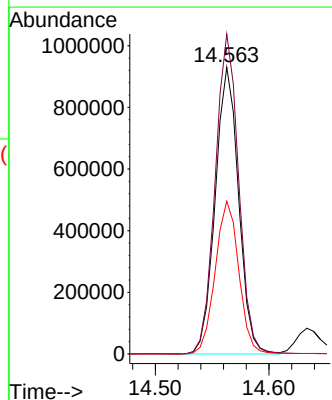
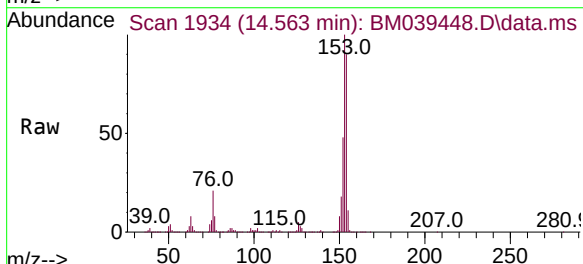
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

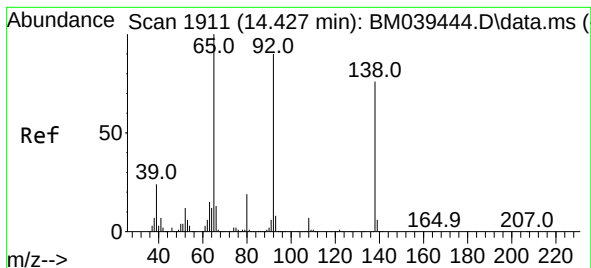
Tgt Ion:165 Resp: 399893
Ion Ratio Lower Upper
165 100
63 61.6 46.6 69.8
89 61.4 47.4 71.0



#52
Acenaphthene
Concen: 41.785 ng
RT: 14.563 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:154 Resp: 1331492
Ion Ratio Lower Upper
154 100
153 111.6 89.8 134.8
152 53.3 42.7 64.1

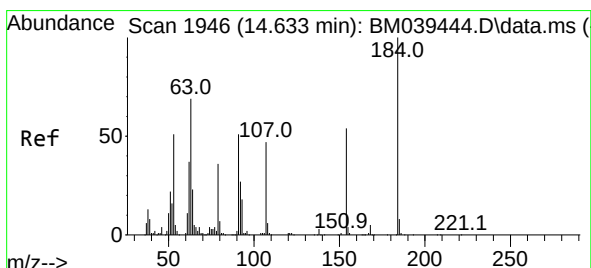
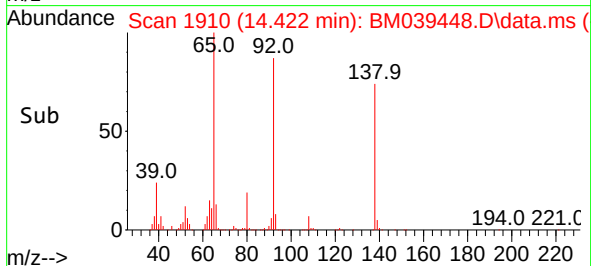
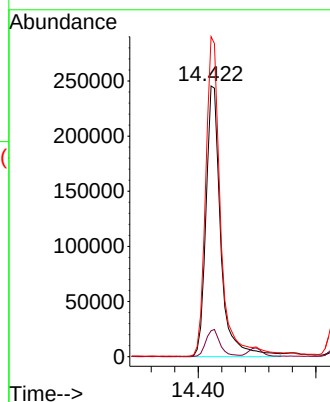
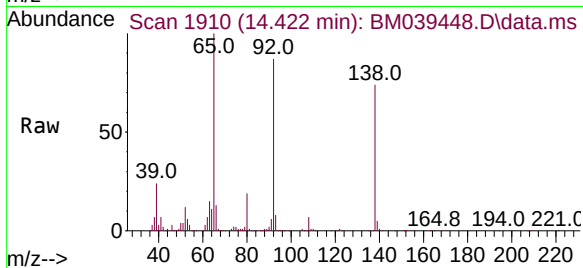




#53
3-Nitroaniline
Concen: 44.327 ng
RT: 14.422 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

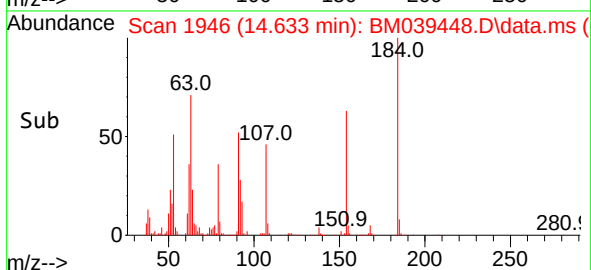
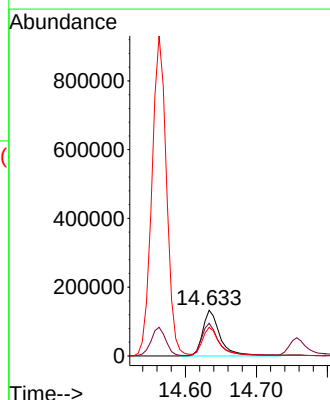
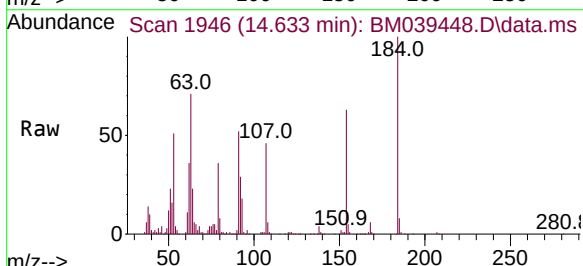
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

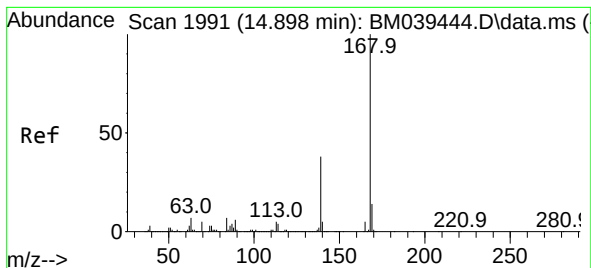
Tgt Ion:138 Resp: 427649
Ion Ratio Lower Upper
138 100
108 9.6 7.8 11.8
92 118.2 95.4 143.2



#54
2,4-Dinitrophenol
Concen: 41.171 ng
RT: 14.633 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:184 Resp: 226303
Ion Ratio Lower Upper
184 100
63 71.3 56.4 84.6
154 62.6 49.1 73.7





#55

Dibenzofuran

Concen: 41.760 ng

RT: 14.898 min Scan# 1991

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

ICVBM041723

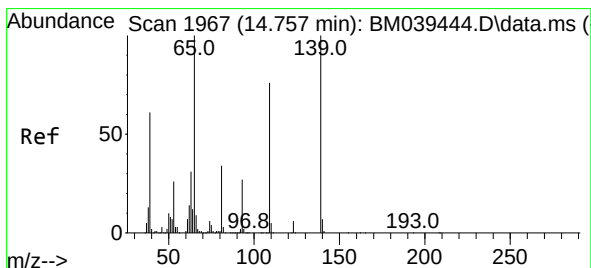
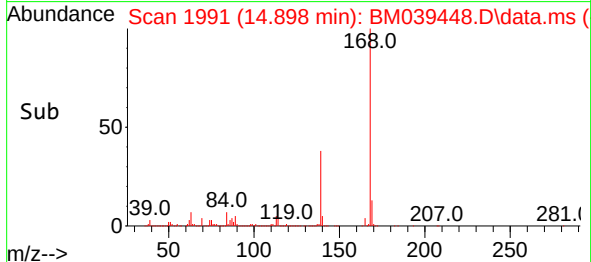
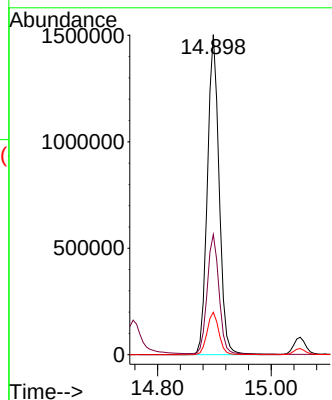
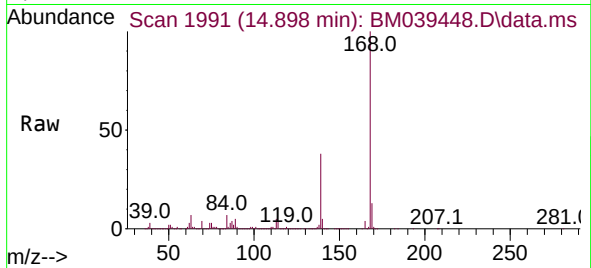
Tgt Ion:168 Resp: 2138282

Ion Ratio Lower Upper

168 100

139 37.6 30.8 46.2

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 41.658 ng

RT: 14.757 min Scan# 1967

Delta R.T. -0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

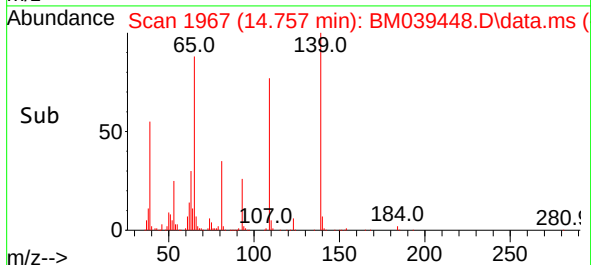
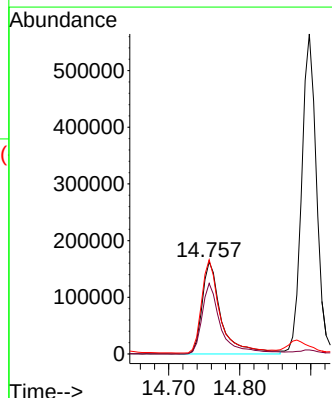
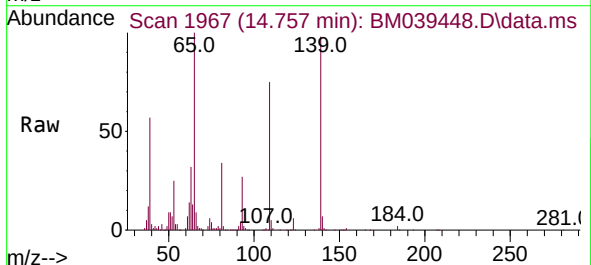
Tgt Ion:139 Resp: 305135

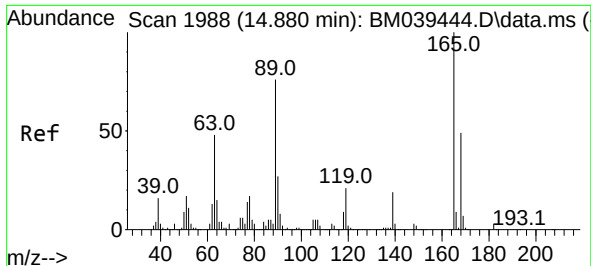
Ion Ratio Lower Upper

139 100

109 76.5 56.5 96.5

65 102.2 81.3 121.3





#57

2,4-Dinitrotoluene

Concen: 43.305 ng

RT: 14.880 min Scan# 1988

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

ICVBM041723

Tgt Ion:165 Resp: 559626

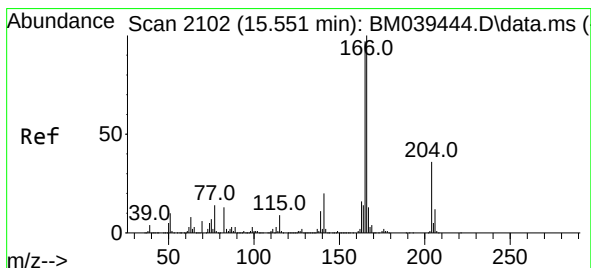
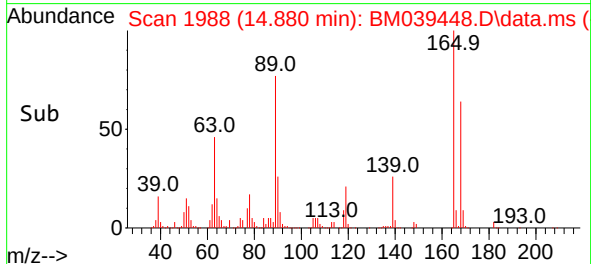
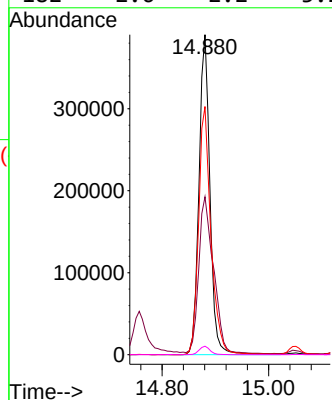
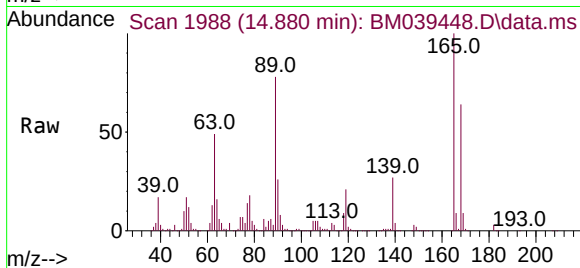
Ion Ratio Lower Upper

165 100

63 49.3 39.0 58.6

89 77.5 61.0 91.4

182 2.6 2.2 3.2



#58

Fluorene

Concen: 41.635 ng

RT: 15.551 min Scan# 2102

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

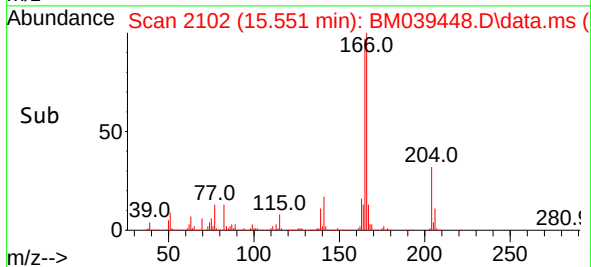
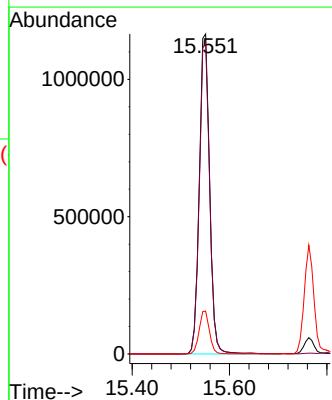
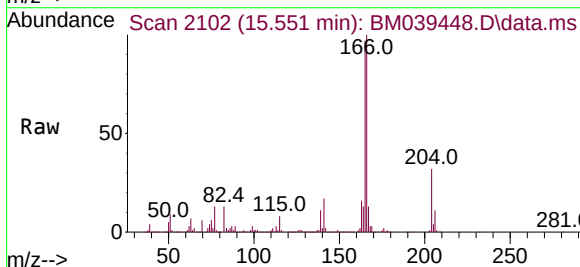
Tgt Ion:166 Resp: 1729085

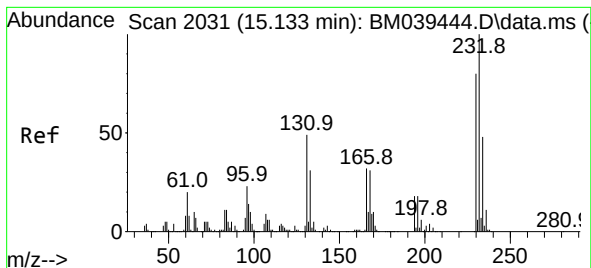
Ion Ratio Lower Upper

166 100

165 97.3 77.4 116.0

167 13.4 10.6 15.8

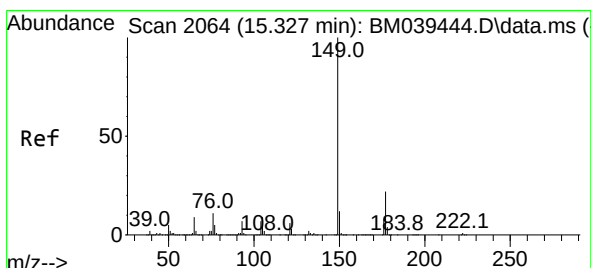
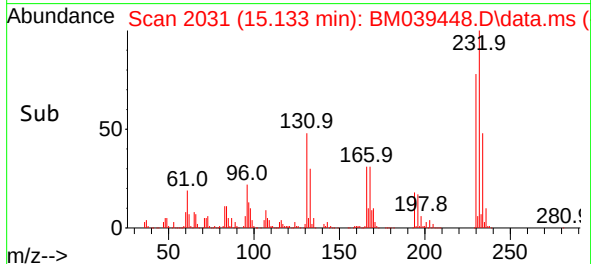
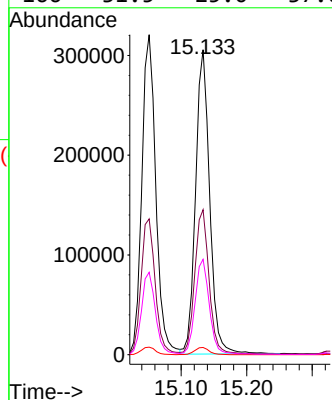
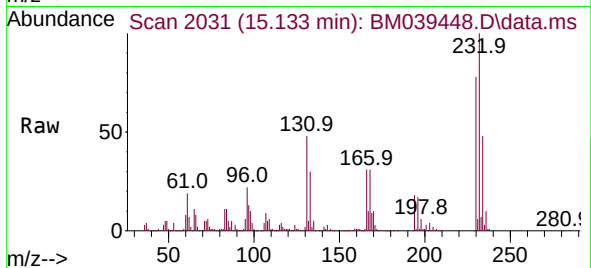




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.537 ng
RT: 15.133 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

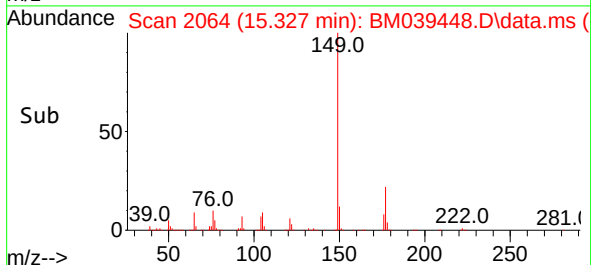
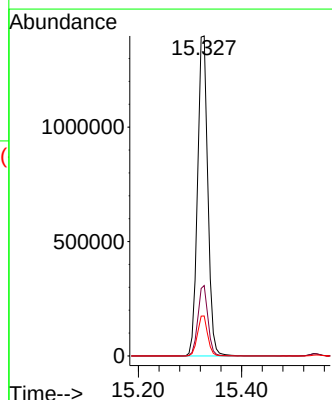
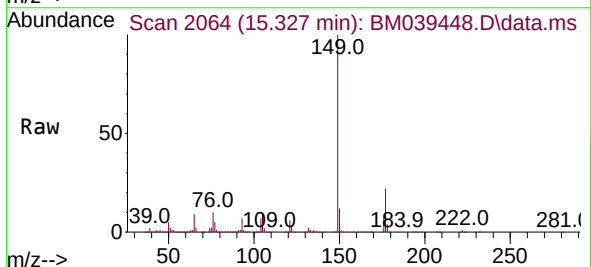
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

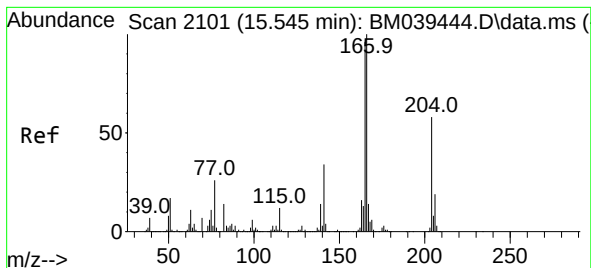
Tgt Ion:232 Resp: 457069
Ion Ratio Lower Upper
232 100
131 49.0 39.5 59.3
130 2.5 2.1 3.1
166 31.5 25.0 37.6



#60
Diethylphthalate
Concen: 41.736 ng
RT: 15.327 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:149 Resp: 1924234
Ion Ratio Lower Upper
149 100
177 22.0 17.7 26.5
150 12.5 10.0 15.0

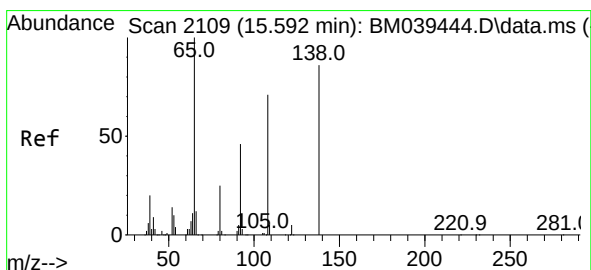
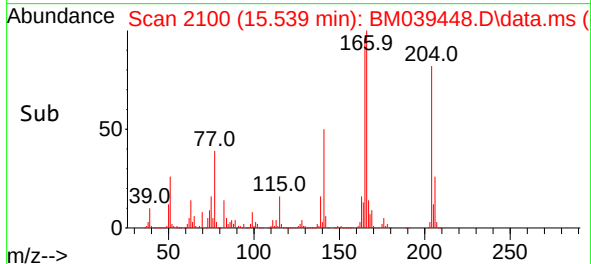
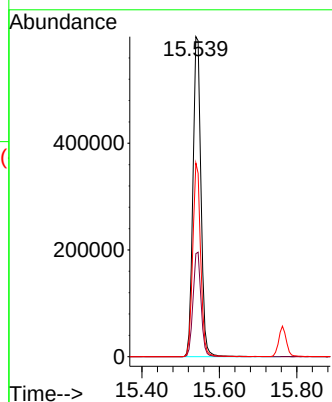
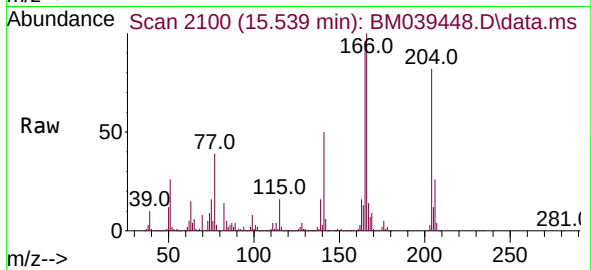




#61
4-Chlorophenyl-phenylether
Concen: 41.847 ng
RT: 15.539 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

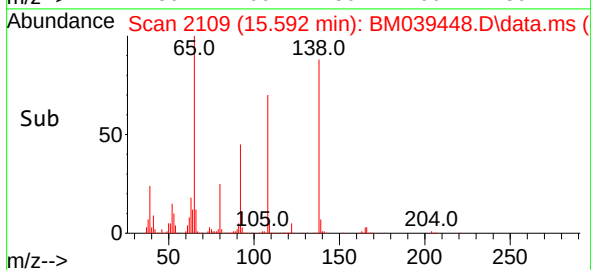
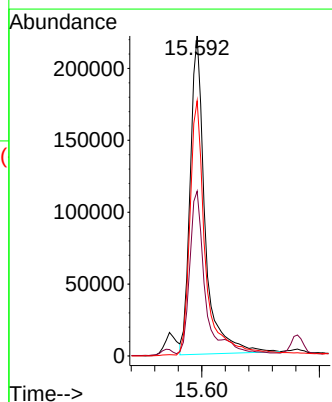
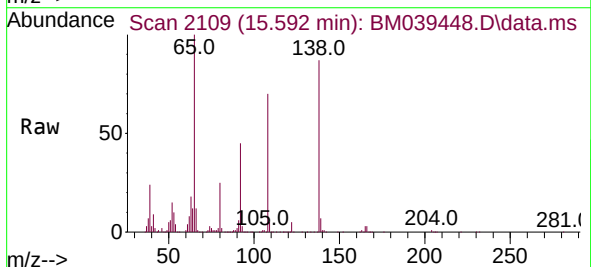
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

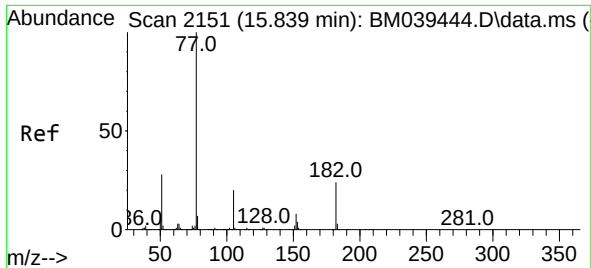
Tgt Ion:204 Resp: 861395
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 60.5 47.0 70.4



#62
4-Nitroaniline
Concen: 41.627 ng
RT: 15.592 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:138 Resp: 388177
Ion Ratio Lower Upper
138 100
92 51.5 32.6 72.6
108 79.8 60.6 100.6



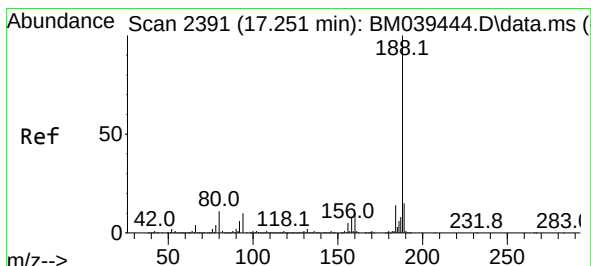
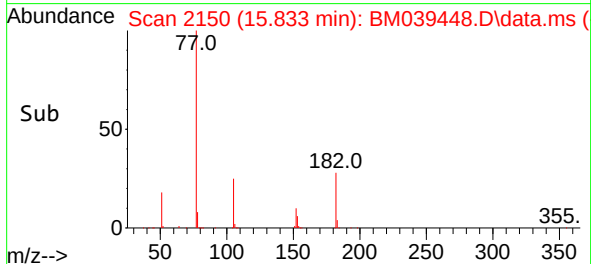
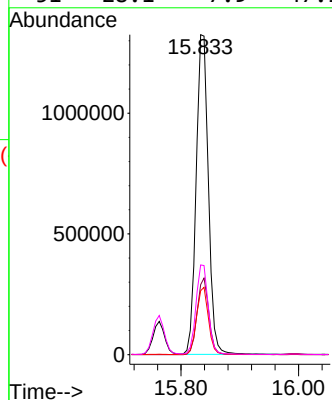
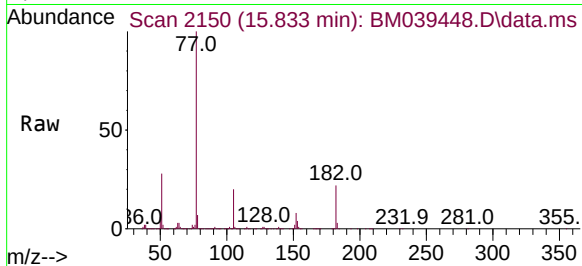


#63
Azobenzene
Concen: 42.461 ng
RT: 15.833 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Instrument :
BNA_M
ClientSampleId :
ICVBM041723

Tgt Ion: 77 Resp: 1907653

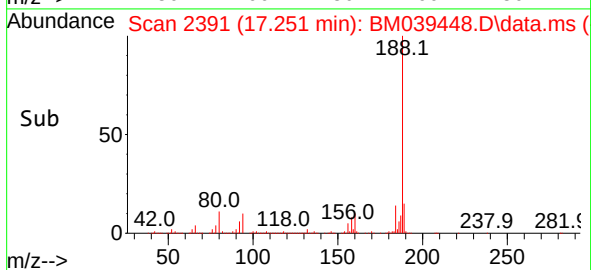
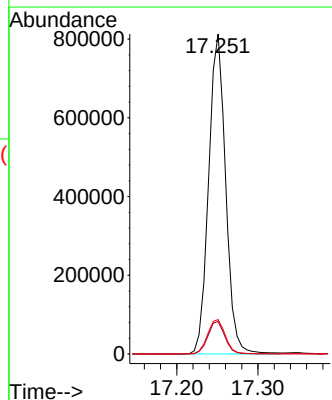
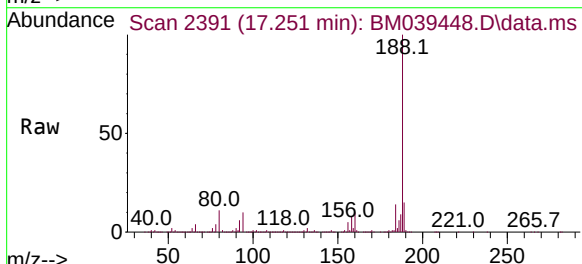
Ion	Ratio	Lower	Upper
77	100		
182	21.9	3.7	43.7
105	20.0	0.5	40.5
51	28.1	7.9	47.9

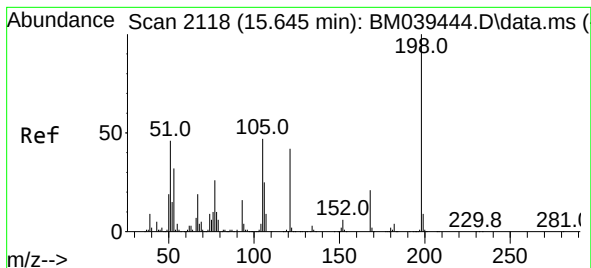


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion: 188 Resp: 1185179

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.9	11.9
80	10.8	8.9	13.3

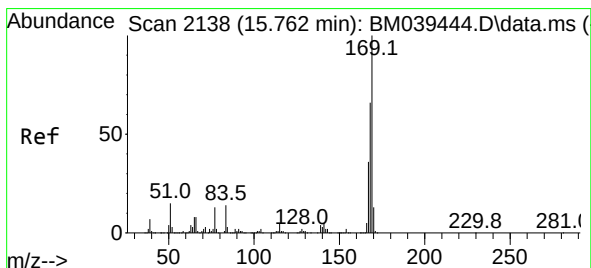
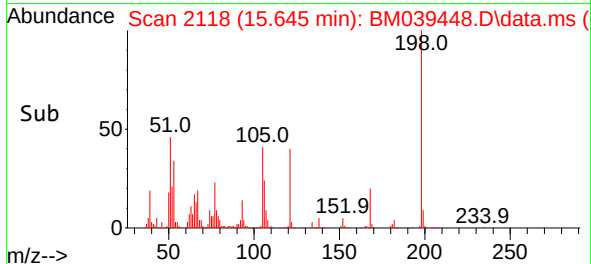
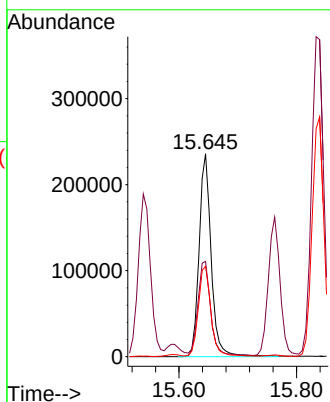
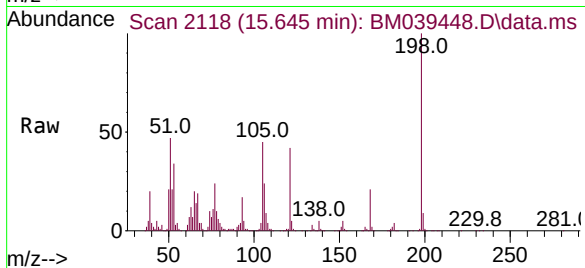




#65
4,6-Dinitro-2-methylphenol
Concen: 45.334 ng
RT: 15.645 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

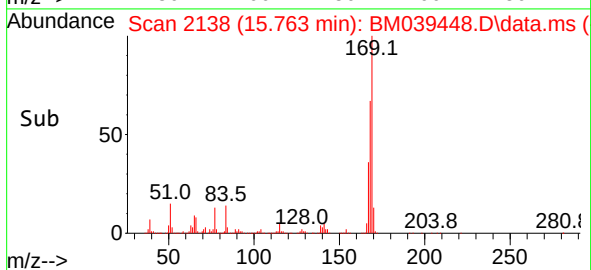
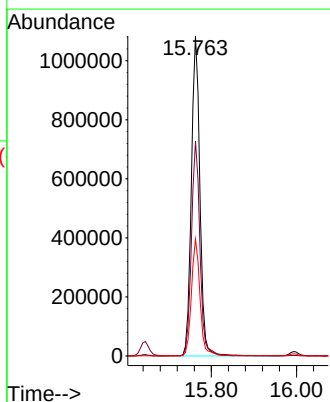
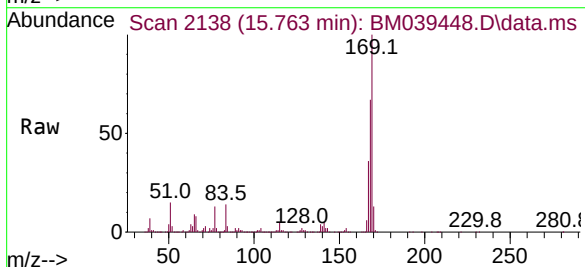
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

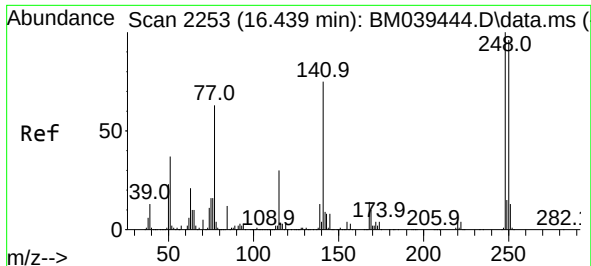
Tgt Ion:198 Resp: 336435
Ion Ratio Lower Upper
198 100
51 47.0 29.3 69.3
105 44.6 27.7 67.7



#66
n-Nitrosodiphenylamine
Concen: 42.003 ng
RT: 15.763 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:169 Resp: 1509276
Ion Ratio Lower Upper
169 100
168 67.1 52.6 79.0
167 36.5 29.0 43.4

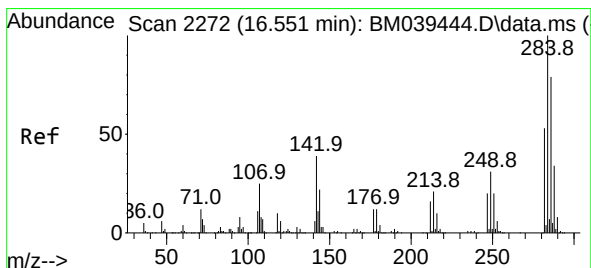
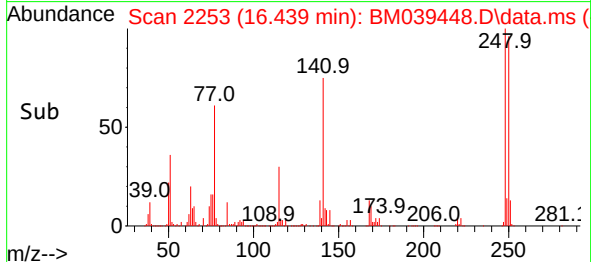
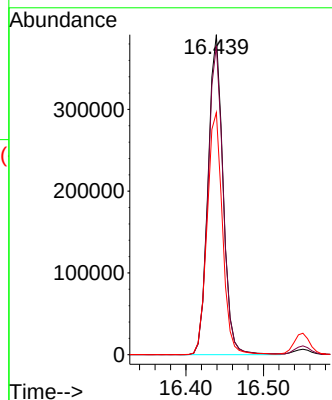
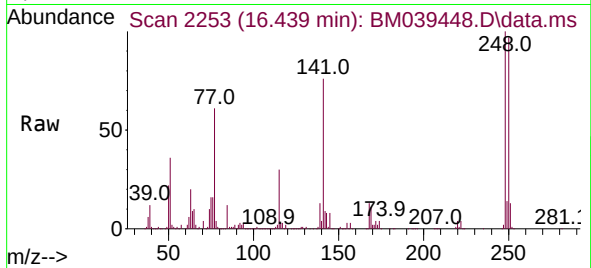




#67
4-Bromophenyl-phenylether
Concen: 42.320 ng
RT: 16.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

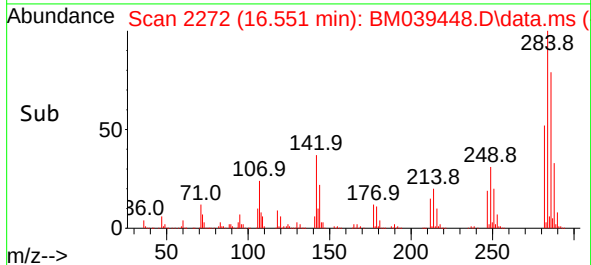
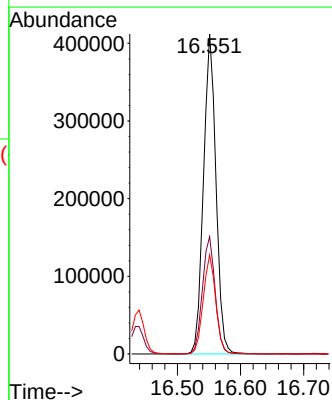
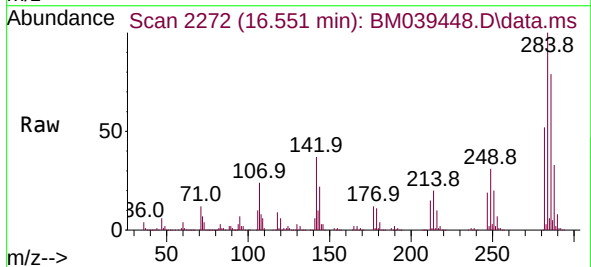
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

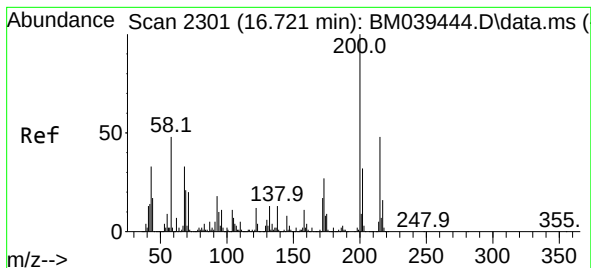
Tgt Ion:248 Resp: 527985
Ion Ratio Lower Upper
248 100
250 96.5 77.0 115.4
141 75.7 60.2 90.4



#68
Hexachlorobenzene
Concen: 41.758 ng
RT: 16.551 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:284 Resp: 565703
Ion Ratio Lower Upper
284 100
142 36.7 31.1 46.7
249 31.0 25.0 37.6





#69

Atrazine

Concen: 42.481 ng

RT: 16.722 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

ICVBM041723

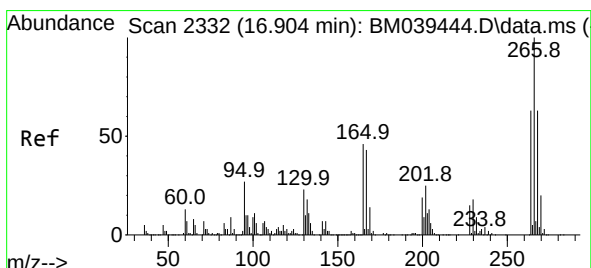
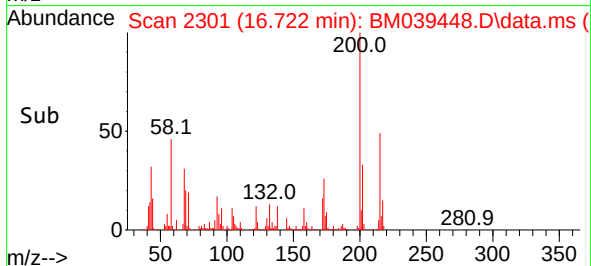
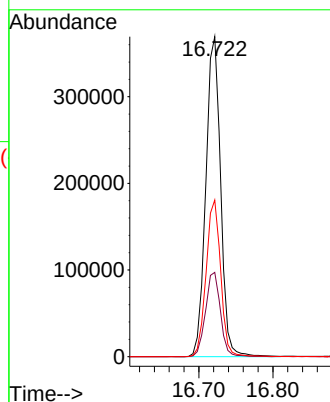
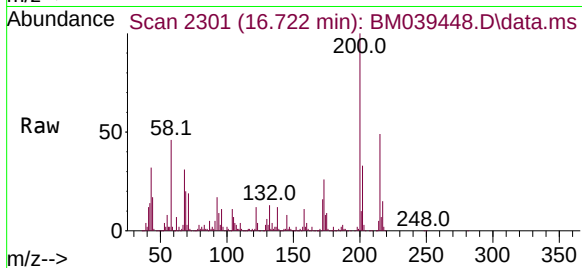
Tgt Ion:200 Resp: 512091

Ion Ratio Lower Upper

200 100

173 26.3 7.0 47.0

215 48.9 28.2 68.2



#70

Pentachlorophenol

Concen: 43.918 ng

RT: 16.904 min Scan# 2332

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

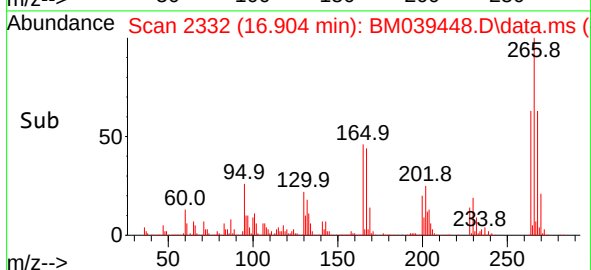
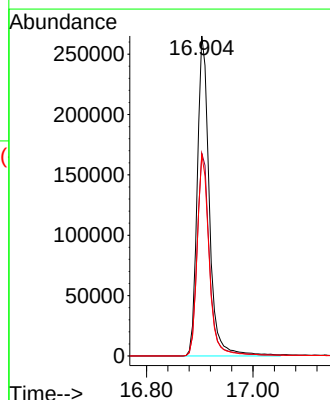
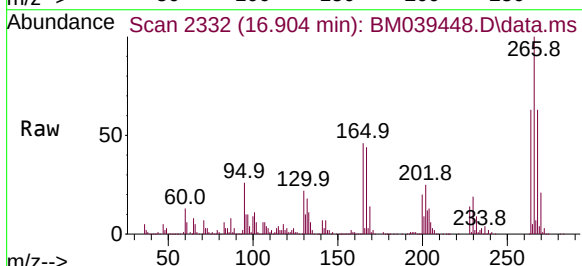
Tgt Ion:266 Resp: 415477

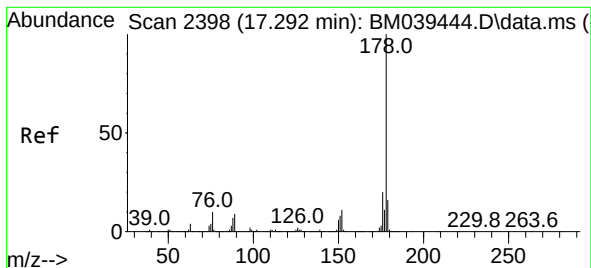
Ion Ratio Lower Upper

266 100

268 63.3 50.6 76.0

264 62.9 50.6 76.0





#71

Phenanthrene

Concen: 41.787 ng

RT: 17.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

ICVBM041723

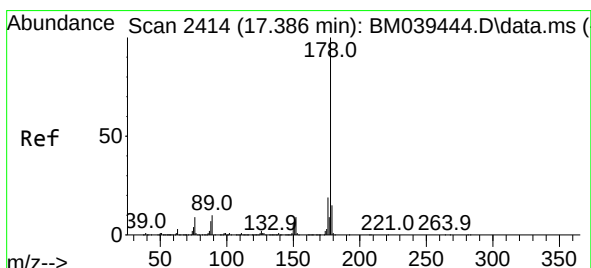
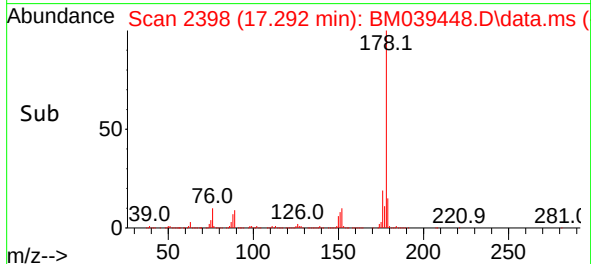
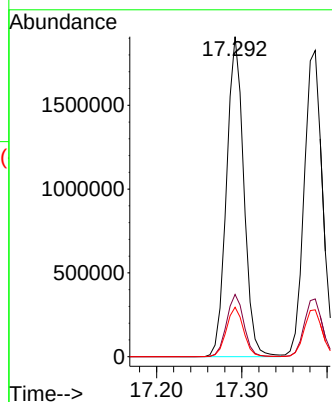
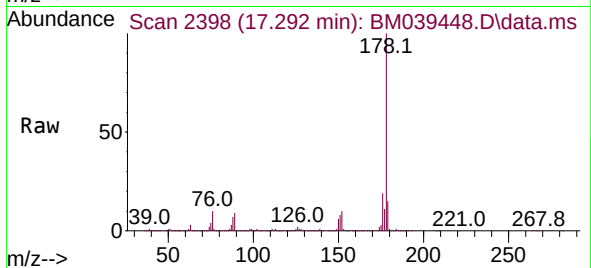
Tgt Ion:178 Resp: 2685563

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.5 12.5 18.7



#72

Anthracene

Concen: 41.618 ng

RT: 17.386 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

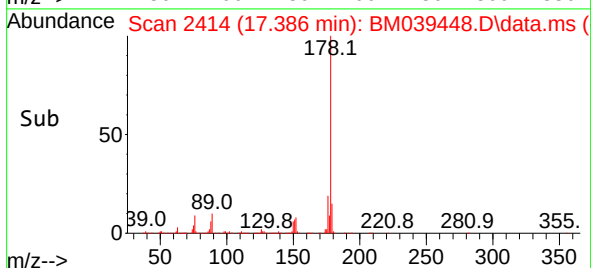
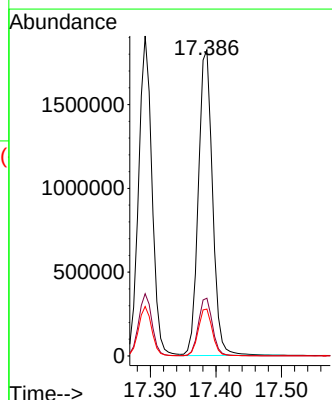
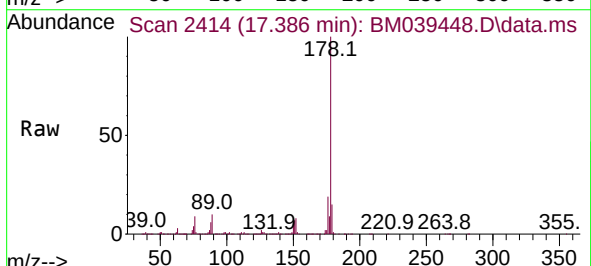
Tgt Ion:178 Resp: 2743631

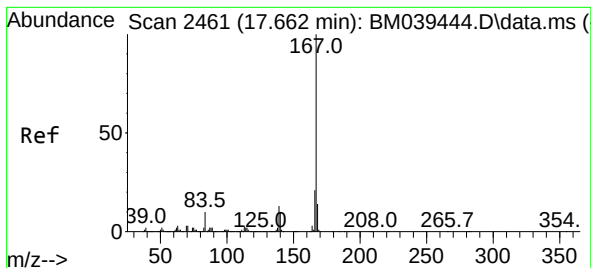
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.3 12.2 18.4





#73

Carbazole

Concen: 42.916 ng

RT: 17.663 min Scan# 2461

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

ICVBM041723

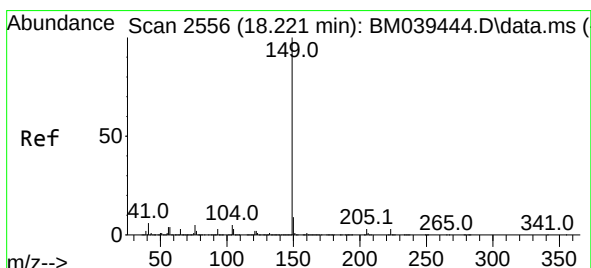
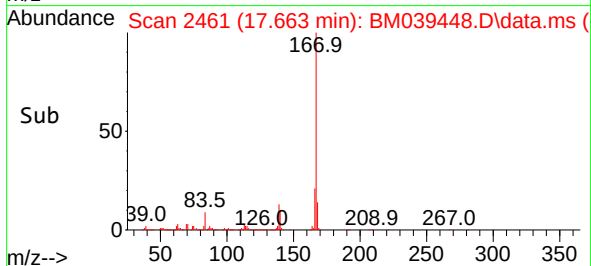
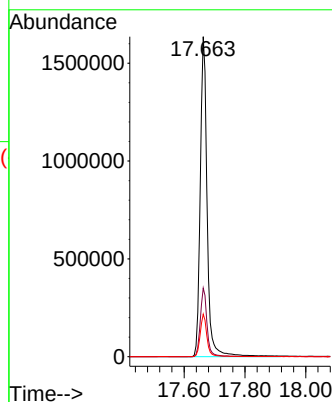
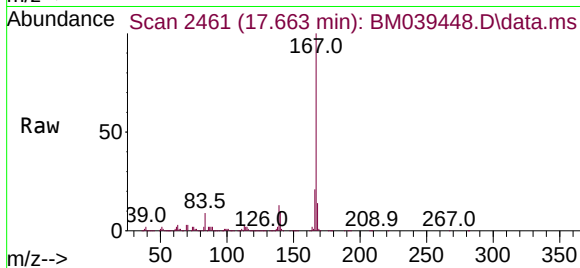
Tgt Ion:167 Resp: 2573246

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

139 13.3 10.6 16.0



#74

Di-n-butylphthalate

Concen: 42.584 ng

RT: 18.221 min Scan# 2556

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

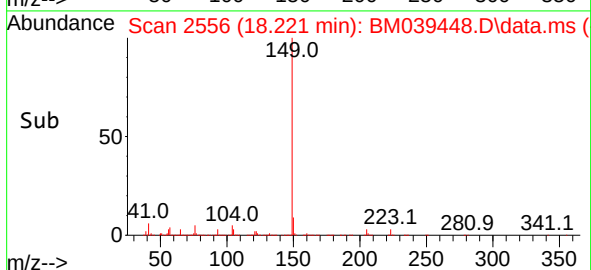
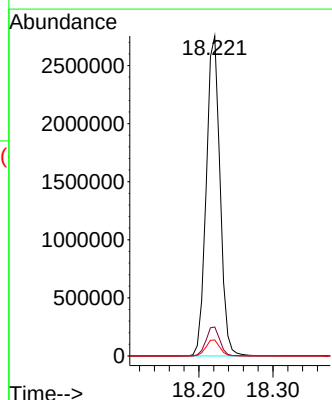
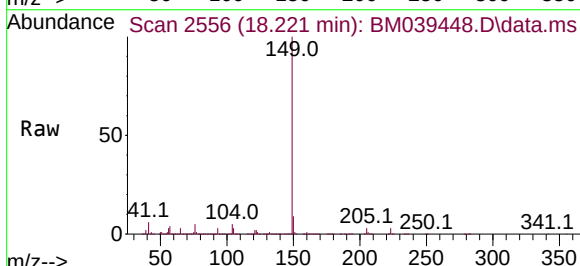
Tgt Ion:149 Resp: 3549274

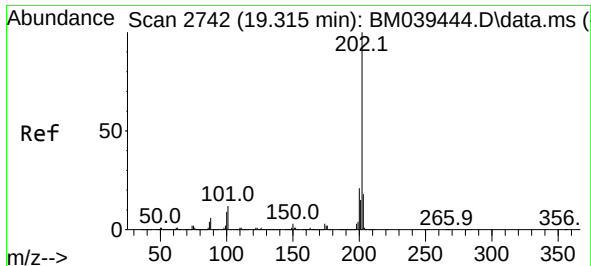
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.0 4.1 6.1

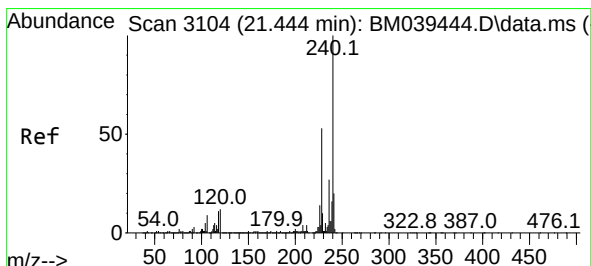
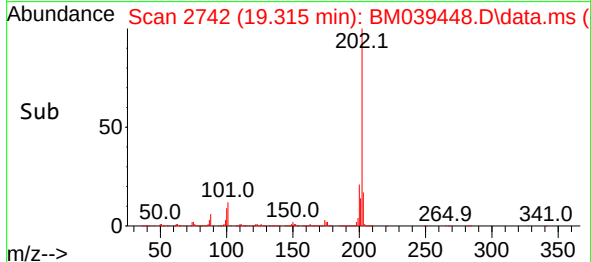
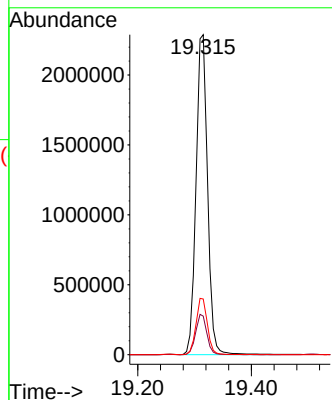
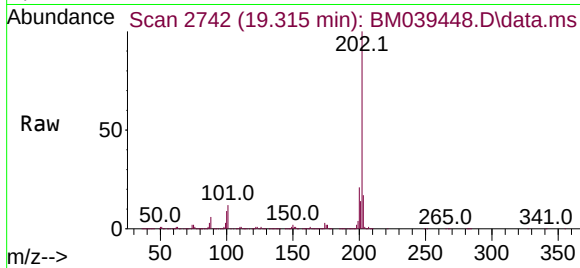




#75
Fluoranthene
Concen: 41.484 ng
RT: 19.315 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

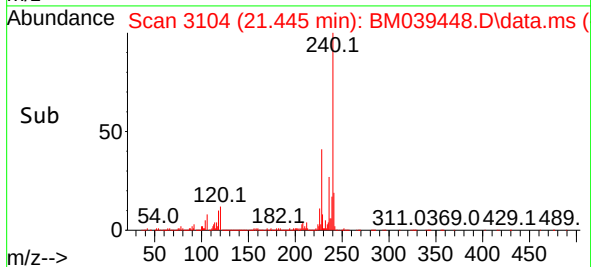
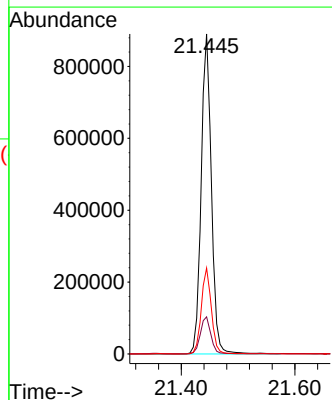
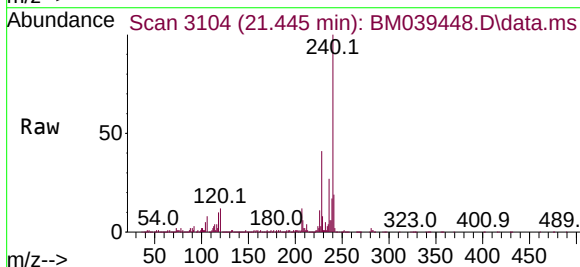
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

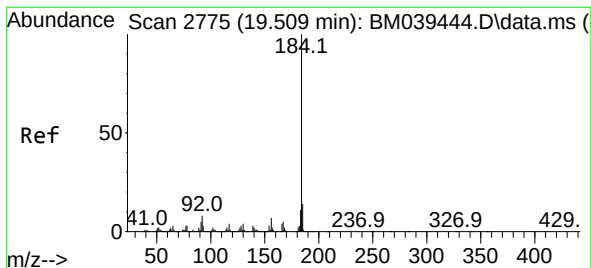
Tgt Ion:202 Resp: 3234589
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.1
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:240 Resp: 1113755
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 26.8 21.2 31.8





#77

Benzidine

Concen: 41.615 ng

RT: 19.504 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

ICVBM041723

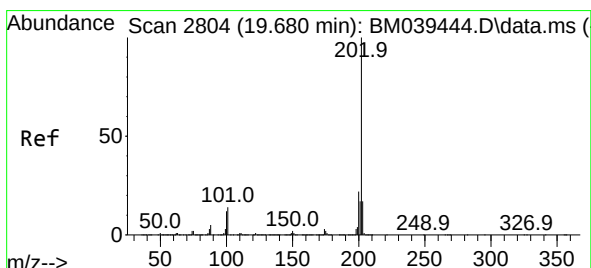
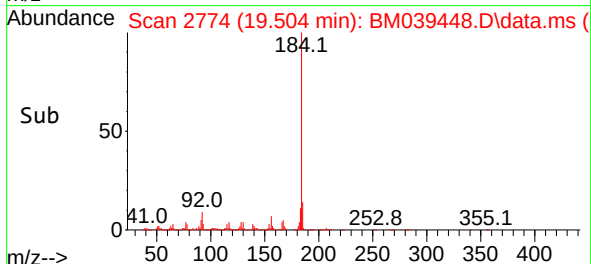
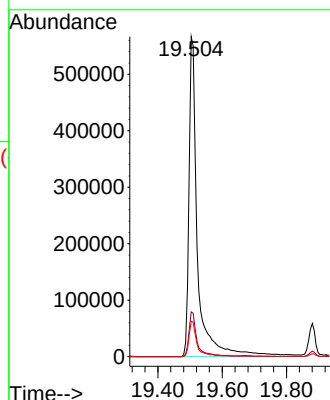
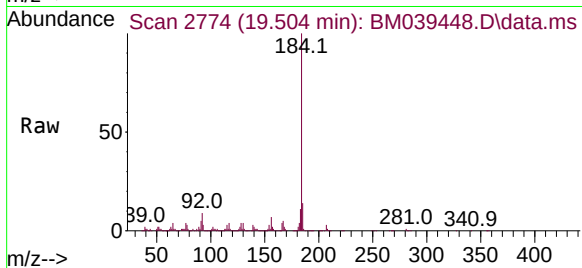
Tgt Ion:184 Resp: 1050254

Ion Ratio Lower Upper

184 100

185 14.0 11.0 16.4

183 11.1 8.8 13.2



#78

Pyrene

Concen: 41.249 ng

RT: 19.674 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

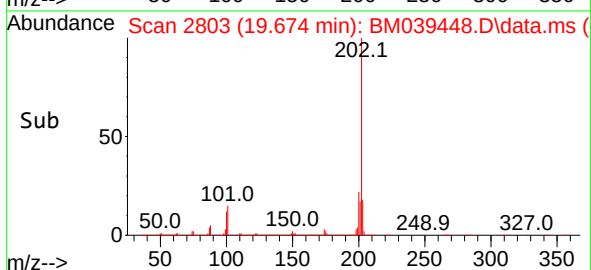
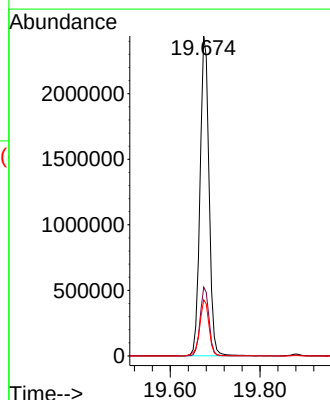
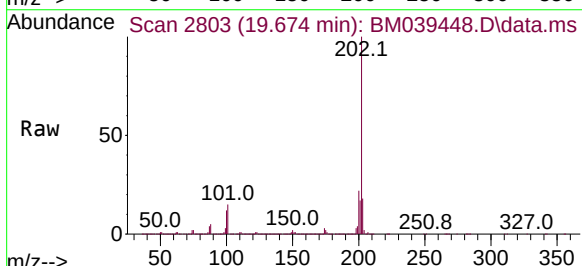
Tgt Ion:202 Resp: 3378540

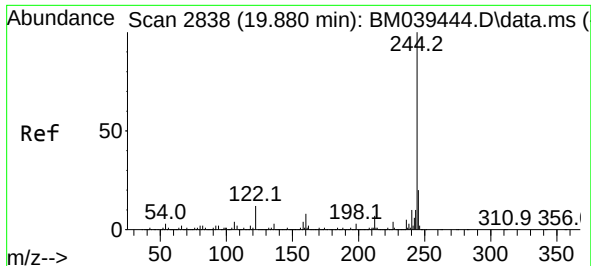
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.6 13.9 20.9

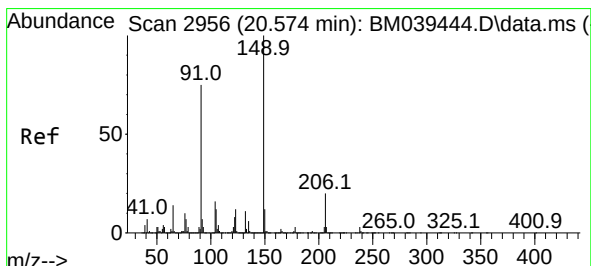
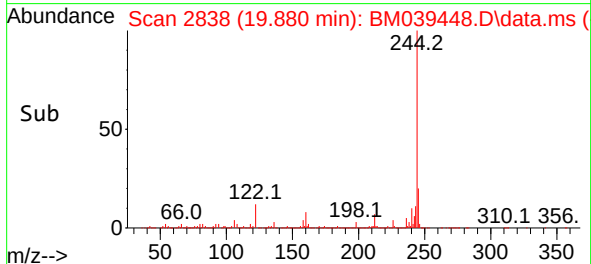
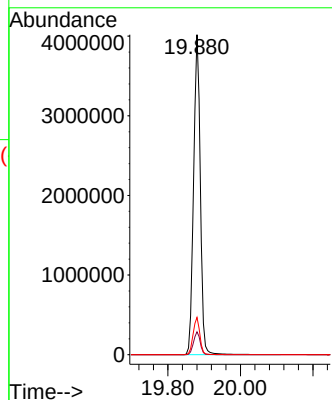
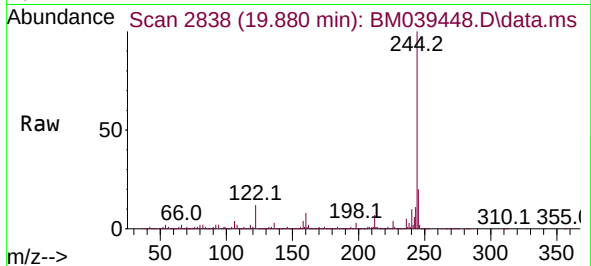




#79
 Terphenyl-d14
 Concen: 83.685 ng
 RT: 19.880 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: BM039448.D
 Acq: 17 Apr 2023 19:40

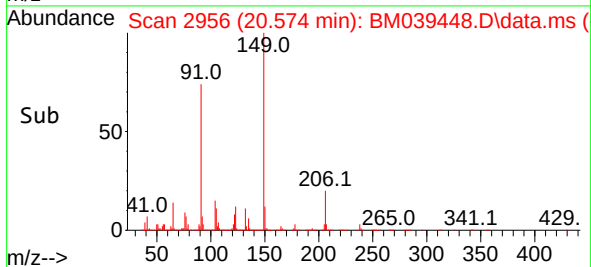
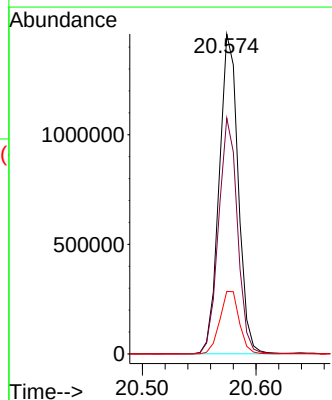
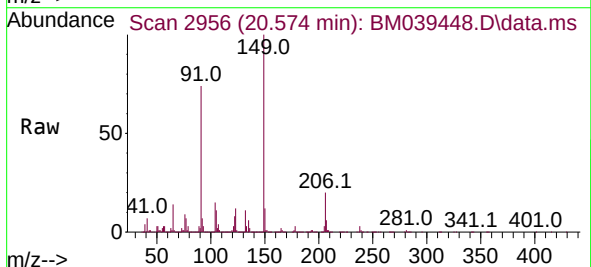
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM041723

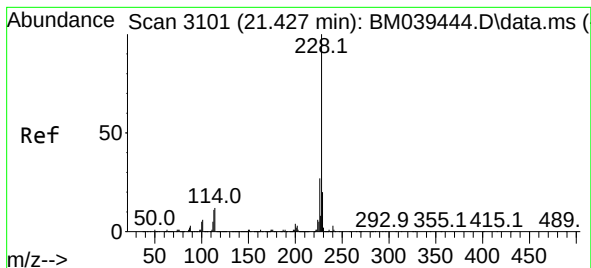
Tgt Ion:244 Resp: 5166470
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.6 9.5 14.3



#80
 Butylbenzylphthalate
 Concen: 41.811 ng
 RT: 20.574 min Scan# 2956
 Delta R.T. 0.000 min
 Lab File: BM039448.D
 Acq: 17 Apr 2023 19:40

Tgt Ion:149 Resp: 1698181
 Ion Ratio Lower Upper
 149 100
 91 73.8 59.9 89.9
 206 19.5 15.8 23.8





#81

Benzo(a)anthracene

Concen: 41.985 ng

RT: 21.427 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

ICVBM041723

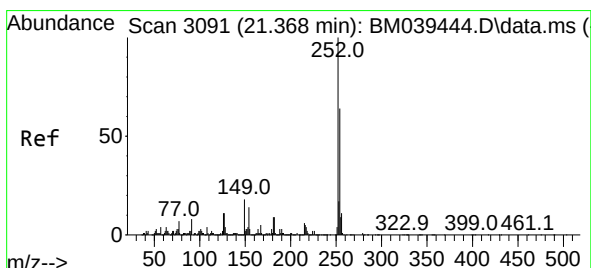
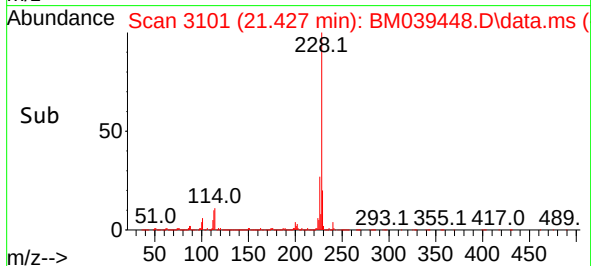
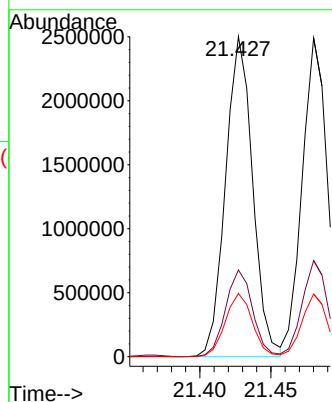
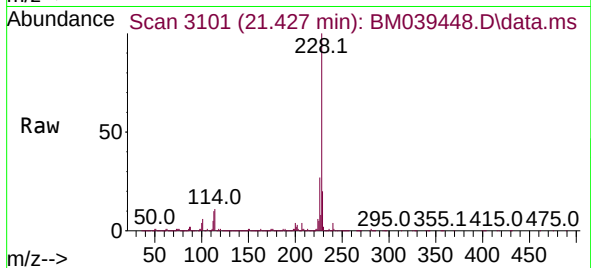
Tgt Ion:228 Resp: 3320765

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 42.149 ng

RT: 21.362 min Scan# 3090

Delta R.T. -0.006 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

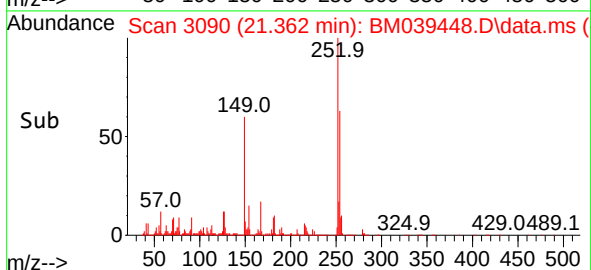
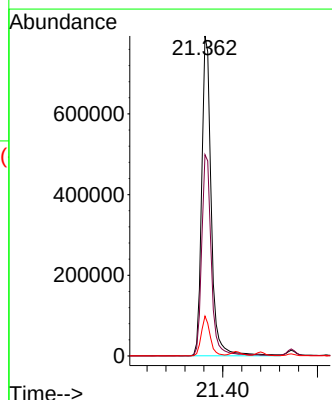
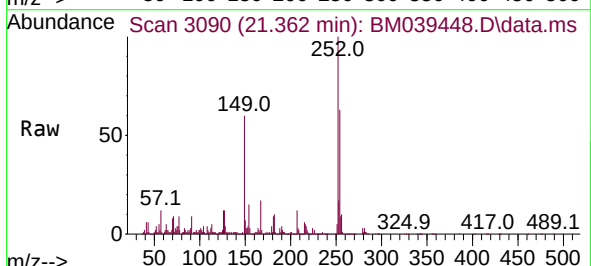
Tgt Ion:252 Resp: 1100435

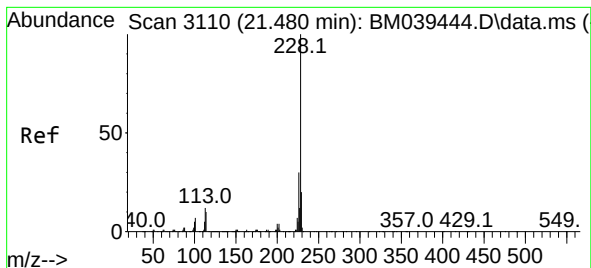
Ion Ratio Lower Upper

252 100

254 62.9 50.8 76.2

126 12.5 9.0 13.4





#83

Chrysene

Concen: 41.414 ng

RT: 21.480 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

ICVBM041723

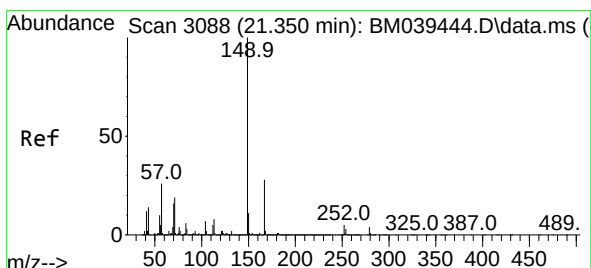
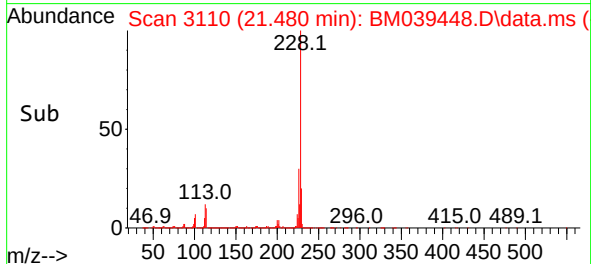
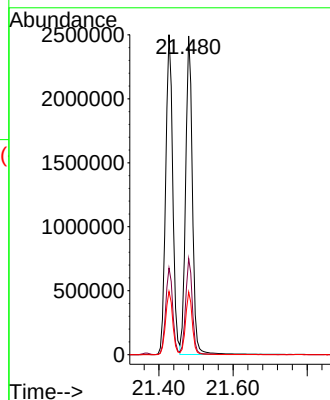
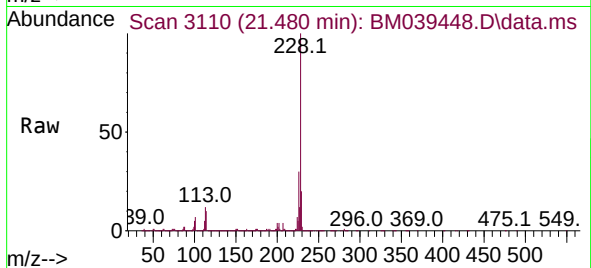
Tgt Ion:228 Resp: 3174903

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.906 ng

RT: 21.351 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

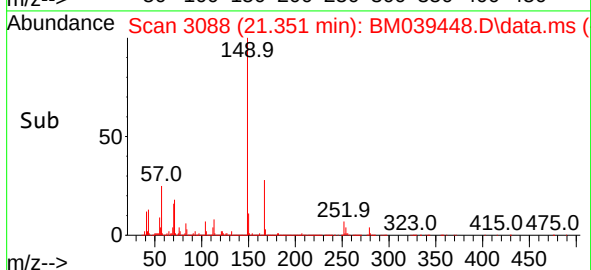
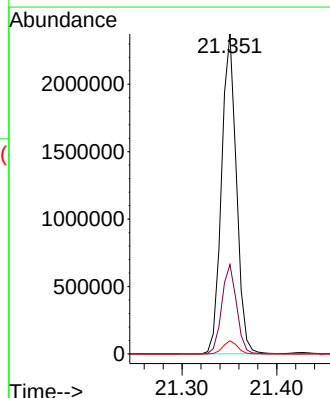
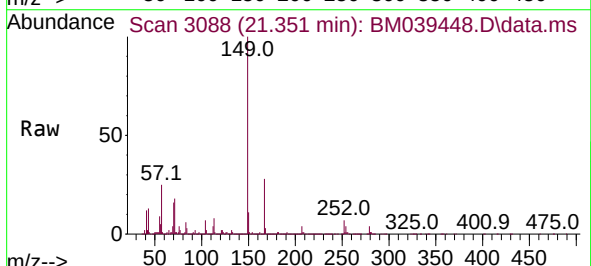
Tgt Ion:149 Resp: 2594540

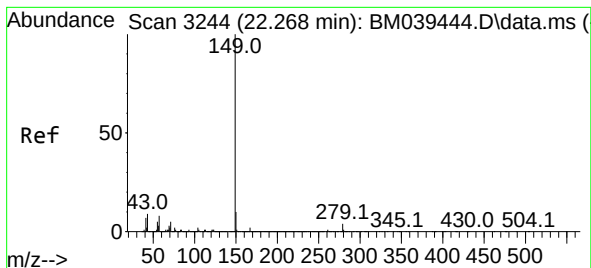
Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

279 4.1 3.2 4.8

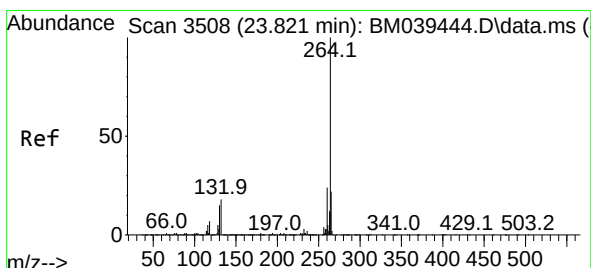
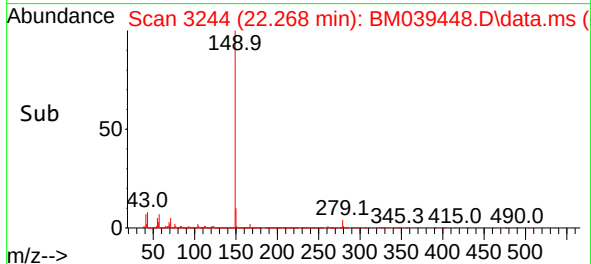
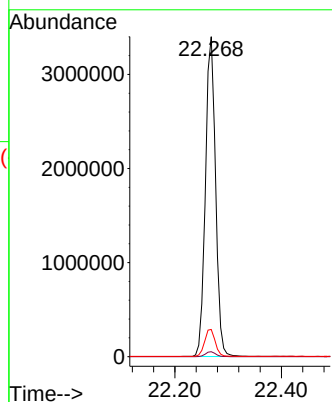
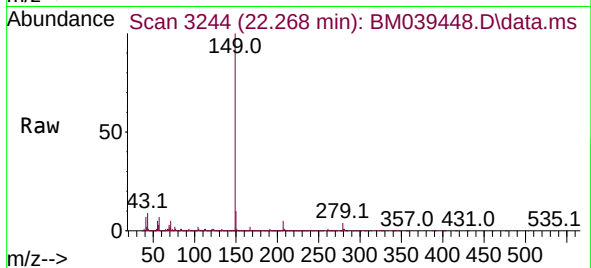




#85
Di-n-octyl phthalate
Concen: 42.024 ng
RT: 22.268 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

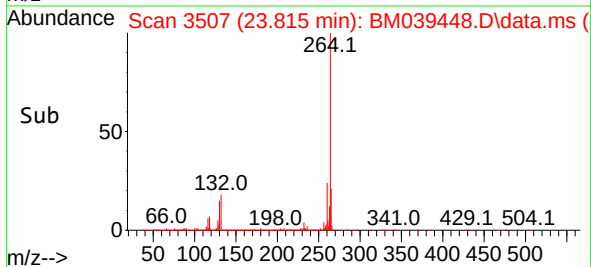
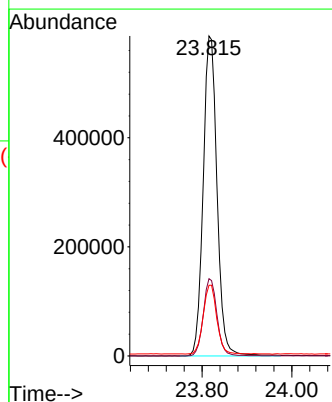
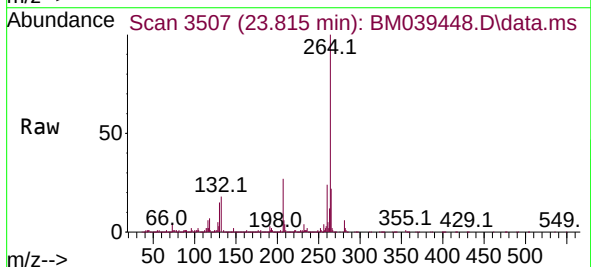
Instrument :
BNA_M
ClientSampleId :
ICVBM041723

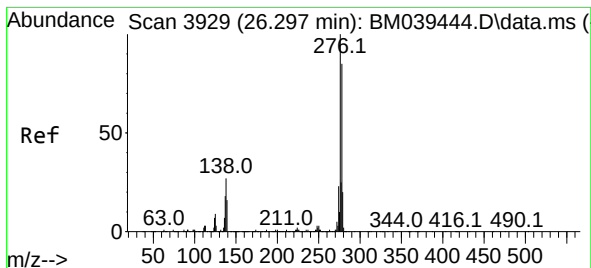
Tgt Ion:149 Resp: 4474112
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.9 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.815 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:264 Resp: 1253622
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 22.1 18.0 27.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.583 ng

RT: 26.291 min Scan# 3928

Delta R.T. -0.006 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

ICVBM041723

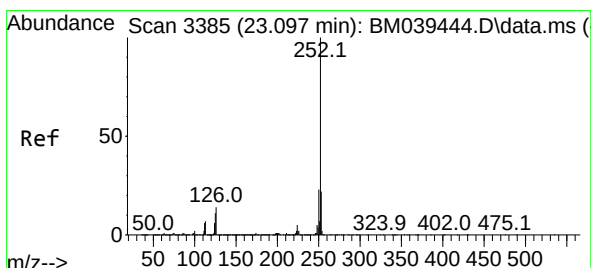
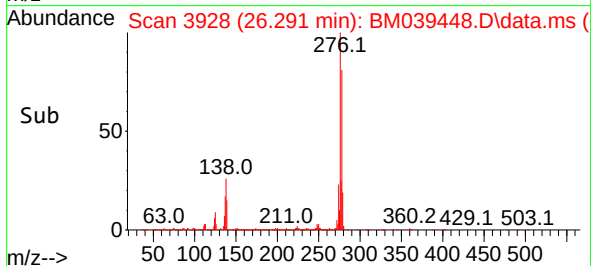
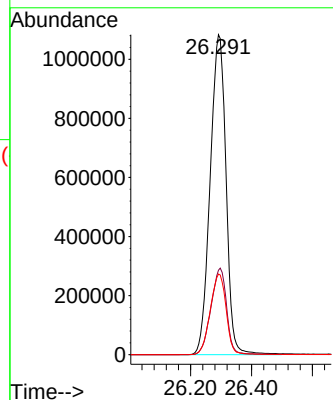
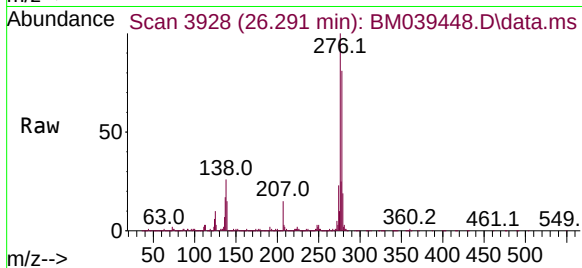
Tgt Ion:276 Resp: 3922676

Ion Ratio Lower Upper

276 100

138 26.7 21.4 32.0

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 42.276 ng

RT: 23.098 min Scan# 3385

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

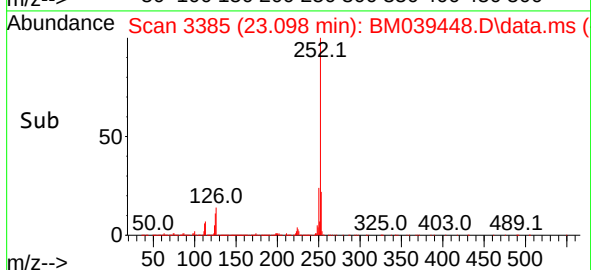
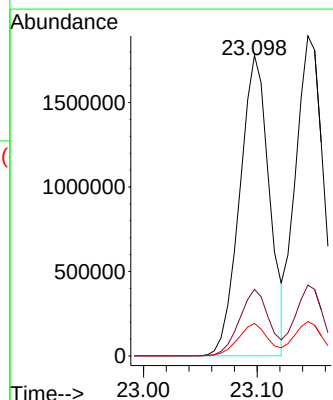
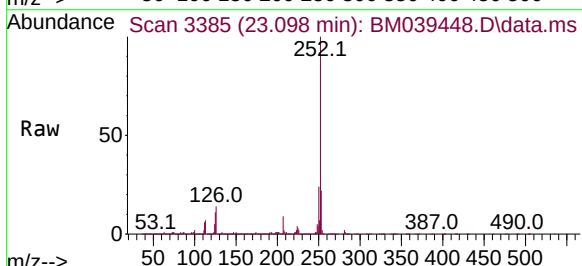
Tgt Ion:252 Resp: 3231380

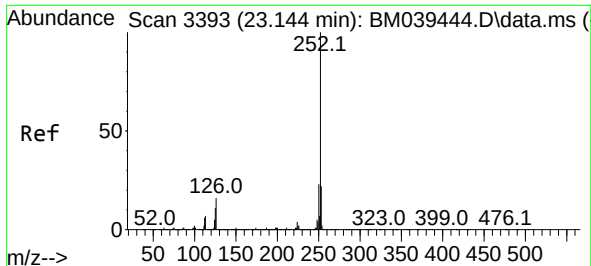
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.8 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 41.394 ng

RT: 23.145 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

Instrument :

BNA_M

ClientSampleId :

ICVBM041723

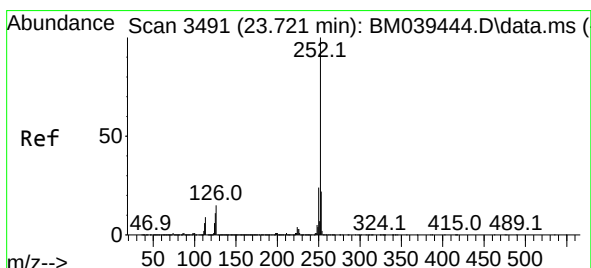
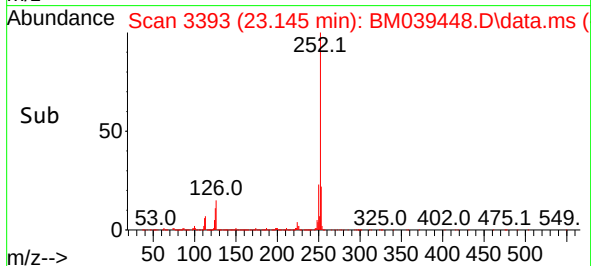
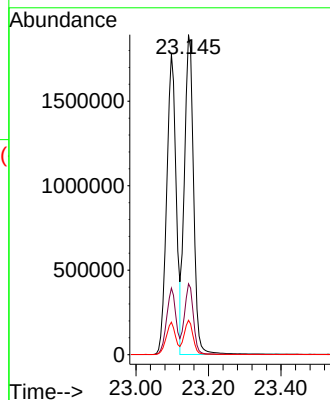
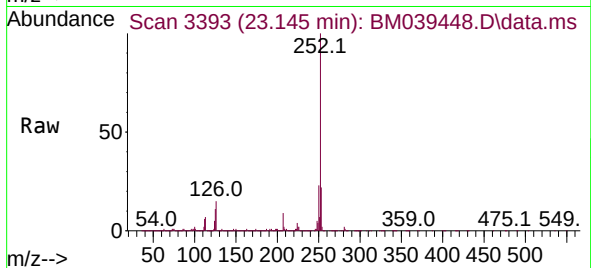
Tgt Ion:252 Resp: 3307793

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.8 8.8 13.2



#90

Benzo(a)pyrene

Concen: 41.913 ng

RT: 23.715 min Scan# 3490

Delta R.T. -0.006 min

Lab File: BM039448.D

Acq: 17 Apr 2023 19:40

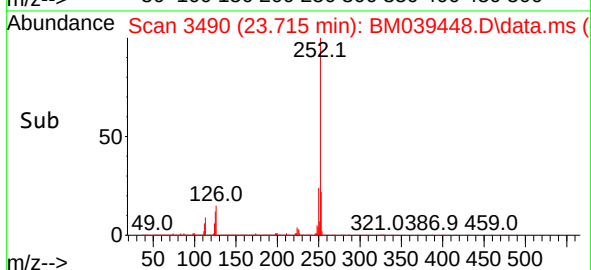
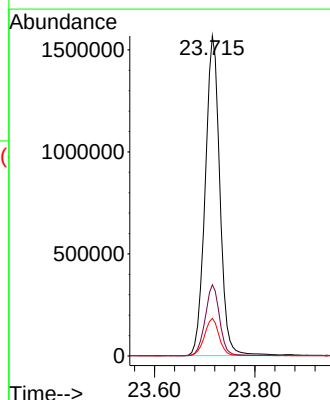
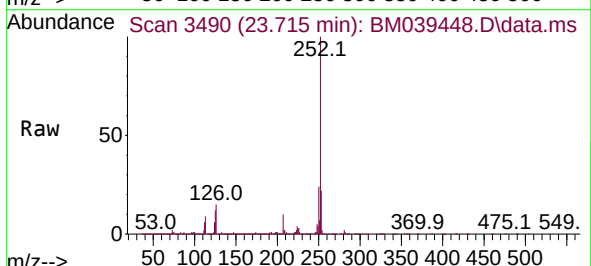
Tgt Ion:252 Resp: 3183938

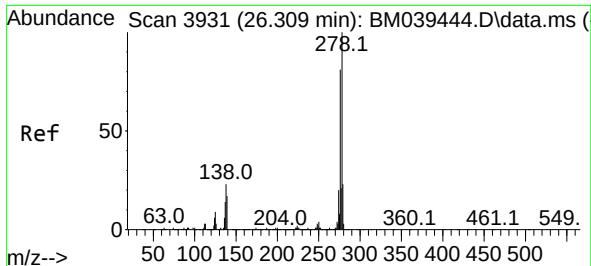
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.8 9.0 13.6

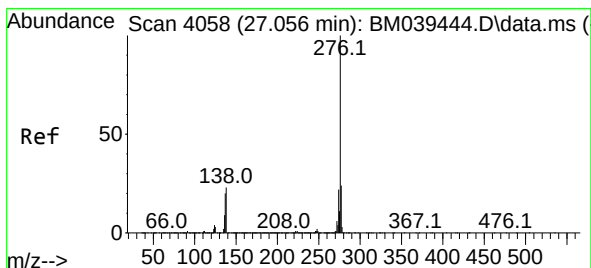
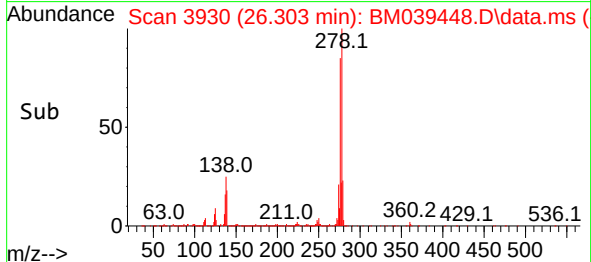
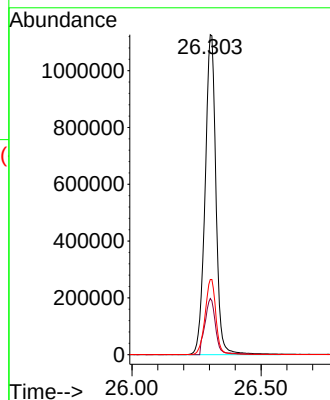
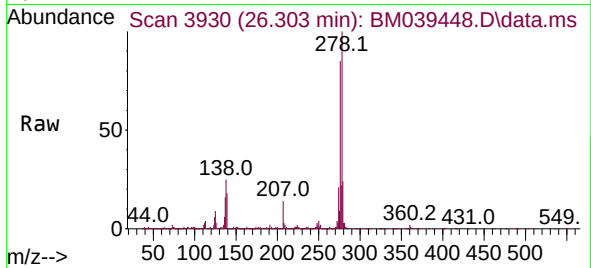




#91
Dibenzo(a,h)anthracene
Concen: 42.849 ng
RT: 26.303 min Scan# 3931
Delta R.T. -0.006 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Instrument :
BNA_M
ClientSampleId :
ICVBM041723

Tgt Ion:278 Resp: 3280868
Ion Ratio Lower Upper
278 100
139 17.6 13.7 20.5
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 42.618 ng
RT: 27.050 min Scan# 4057
Delta R.T. -0.006 min
Lab File: BM039448.D
Acq: 17 Apr 2023 19:40

Tgt Ion:276 Resp: 3234419
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 23.4 18.8 28.2

