

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011623\
 Data File : BM038458.D
 Acq On : 16 Jan 2023 18:44
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM011623

Quant Time: Jan 17 03:13:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 03:06:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	60596	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	223288	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	141991	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	333742	20.000	ng	0.00
76) Chrysene-d12	21.527	240	368082	20.000	ng	0.00
86) Perylene-d12	23.950	264	413387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	305703	76.955	ng	0.00
7) Phenol-d6	7.146	99	387795	76.208	ng	0.00
23) Nitrobenzene-d5	9.157	82	463821	84.637	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	195531	81.459	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	919858	80.791	ng	0.00
79) Terphenyl-d14	19.968	244	1626277	82.711	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	68268	37.605	ng	97
3) Pyridine	3.799	79	198418	37.783	ng	100
4) n-Nitrosodimethylamine	3.710	42	116634	37.537	ng	99
6) Aniline	7.310	93	248276	38.627	ng	98
8) 2-Chlorophenol	7.546	128	154613	39.311	ng	98
9) Benzaldehyde	7.122	77	127493	37.467	ng	99
10) Phenol	7.175	94	199727	37.664	ng	99
11) bis(2-Chloroethyl)ether	7.404	93	163524	38.052	ng	100
12) 1,3-Dichlorobenzene	7.869	146	167912	39.852	ng	98
13) 1,4-Dichlorobenzene	8.016	146	169840	40.067	ng	97
14) 1,2-Dichlorobenzene	8.334	146	166161	40.090	ng	98
15) Benzyl Alcohol	8.228	79	164446	40.348	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	228225	38.092	ng	98
17) 2-Methylphenol	8.428	107	142088	39.672	ng	98
18) Hexachloroethane	9.063	117	75398	43.426	ng	95
19) n-Nitroso-di-n-propyla...	8.798	70	151279	40.955	ng	97
20) 3+4-Methylphenols	8.757	107	193261	40.189	ng	97
22) Acetophenone	8.816	105	266614	40.396	ng	99
24) Nitrobenzene	9.198	77	240952	41.615	ng	100
25) Isophorone	9.722	82	374106	38.540	ng	99
26) 2-Nitrophenol	9.910	139	83646	41.147	ng	100
27) 2,4-Dimethylphenol	9.969	122	138225	39.932	ng	99
28) bis(2-Chloroethoxy)met...	10.204	93	210954	38.642	ng	97
29) 2,4-Dichlorophenol	10.439	162	156514	40.929	ng	97
30) 1,2,4-Trichlorobenzene	10.657	180	178703	40.411	ng	98
31) Naphthalene	10.845	128	466415	39.414	ng	99
32) Benzoic acid	10.104	122	104151	37.544	ng	99
33) 4-Chloroaniline	10.963	127	206014	39.663	ng	99
34) Hexachlorobutadiene	11.116	225	122638	39.546	ng	94
35) Caprolactam	11.757	113	42656	39.466	ng	97
36) 4-Chloro-3-methylphenol	12.081	107	166312	39.888	ng	96
37) 2-Methylnaphthalene	12.451	142	341200	39.432	ng	99
38) 1-Methylnaphthalene	12.669	142	320436	39.447	ng	100
40) 1,2,4,5-Tetrachloroben...	12.816	216	221653	41.709	ng	99
41) Hexachlorocyclopentadiene	12.786	237	129893	42.987	ng	99
43) 2,4,6-Trichlorophenol	13.057	196	141717	42.185	ng	99

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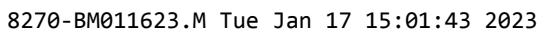
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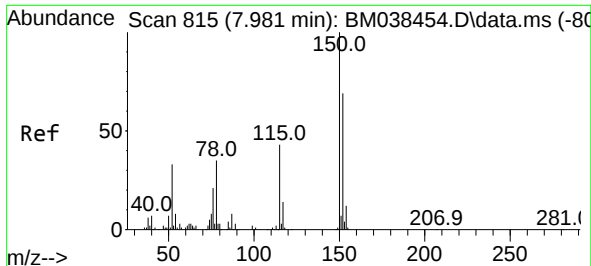
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.128	196	163048	41.165	ng	98
46) 1,1'-Biphenyl	13.457	154	438675	39.822	ng	100
47) 2-Chloronaphthalene	13.498	162	352446	40.649	ng	100
48) 2-Nitroaniline	13.710	65	130306	38.923	ng	98
49) Acenaphthylene	14.339	152	549636	40.209	ng	99
50) Dimethylphthalate	14.075	163	456402	39.661	ng	99
51) 2,6-Dinitrotoluene	14.204	165	95843	40.941	ng	98
52) Acenaphthene	14.680	154	328615	39.558	ng	100
53) 3-Nitroaniline	14.533	138	96892	38.166	ng	97
54) 2,4-Dinitrophenol	14.739	184	65804	37.994	ng	96
55) Dibenzofuran	15.016	168	559027	39.524	ng	97
56) 4-Nitrophenol	14.833	139	76955	37.838	ng	90
57) 2,4-Dinitrotoluene	14.986	165	132337	40.665	ng	98
58) Fluorene	15.663	166	467957	39.599	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.239	232	139359	39.683	ng	99
60) Diethylphthalate	15.427	149	455268	38.567	ng	98
61) 4-Chlorophenyl-phenyle...	15.651	204	257455	39.689	ng	99
62) 4-Nitroaniline	15.692	138	102788	38.230	ng	98
63) Azobenzene	15.945	77	506758	39.014	ng	98
65) 4,6-Dinitro-2-methylph...	15.745	198	92462	40.827	ng	96
66) n-Nitrosodiphenylamine	15.869	169	390707	39.898	ng	98
67) 4-Bromophenyl-phenylether	16.545	248	156315	40.491	ng	97
68) Hexachlorobenzene	16.663	284	173791	40.202	ng	96
69) Atrazine	16.816	200	139852	40.385	ng	100
70) Pentachlorophenol	17.004	266	129422	41.010	ng	97
71) Phenanthrene	17.398	178	730615	39.570	ng	100
72) Anthracene	17.492	178	750837	39.567	ng	100
73) Carbazole	17.762	167	656947	39.589	ng	99
74) Di-n-butylphthalate	18.315	149	758763	38.498	ng	100
75) Fluoranthene	19.409	202	917102	39.510	ng	99
77) Benzidine	19.598	184	336480	41.720	ng	99
78) Pyrene	19.774	202	990722	40.445	ng	100
80) Butylbenzylphthalate	20.656	149	351819	39.293	ng	95
81) Benzo(a)anthracene	21.515	228	1062920	40.151	ng	99
82) 3,3'-Dichlorobenzidine	21.451	252	348011	40.825	ng	98
83) Chrysene	21.568	228	1019324	39.622	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	502205	39.017	ng	99
85) Di-n-octyl phthalate	22.356	149	872832	38.541	ng	100
87) Indeno(1,2,3-cd)pyrene	26.480	276	1218521	39.830	ng	99
88) Benzo(b)fluoranthene	23.209	252	1002070	39.093	ng	99
89) Benzo(k)fluoranthene	23.262	252	1087954	41.043	ng	99
90) Benzo(a)pyrene	23.844	252	1005445	39.971	ng	99
91) Dibenzo(a,h)anthracene	26.491	278	1023453	39.866	ng	99
92) Benzo(g,h,i)perylene	27.262	276	1009838	39.648	ng	99

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

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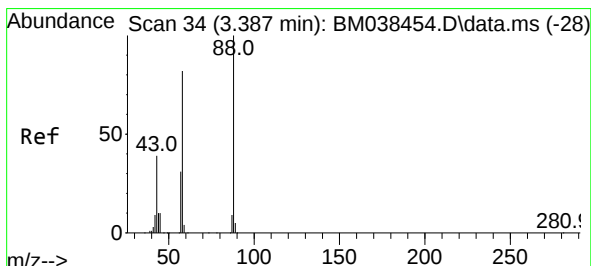
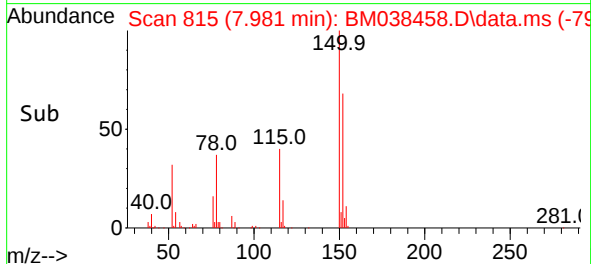
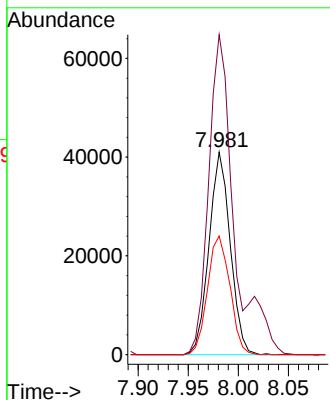
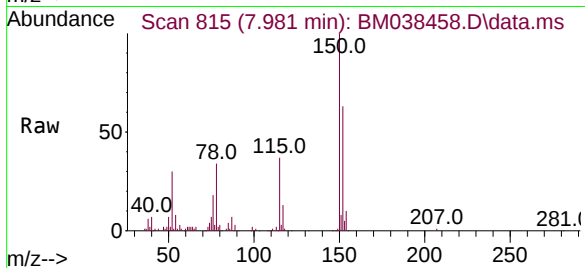




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.981 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: BM038458.D
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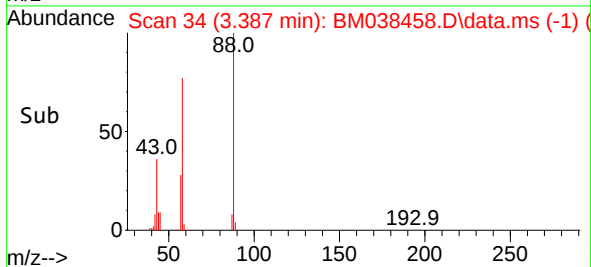
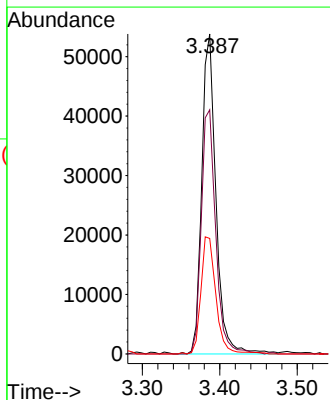
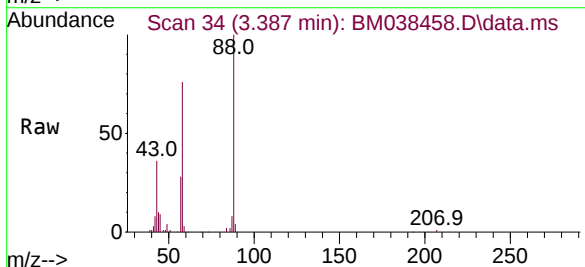
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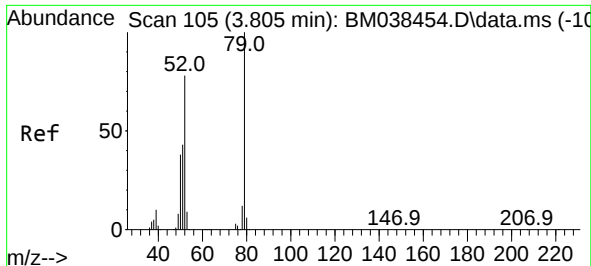
Tgt Ion:152 Resp: 60596
 Ion Ratio Lower Upper
 152 100
 150 158.1 116.0 174.0
 115 58.6 49.4 74.2



#2
 1,4-Dioxane
 Concen: 37.605 ng
 RT: 3.387 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BM038458.D
 Acq: 16 Jan 2023 18:44

Tgt Ion: 88 Resp: 68268
 Ion Ratio Lower Upper
 88 100
 58 77.8 64.3 96.5
 43 38.7 32.3 48.5

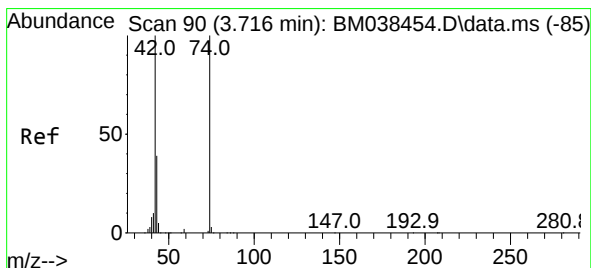
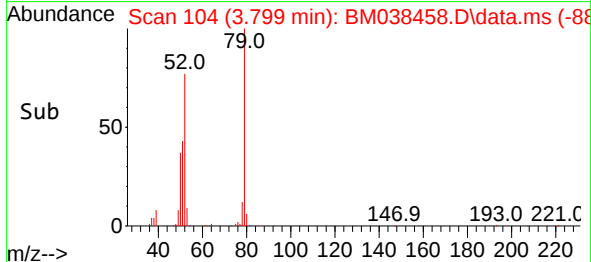
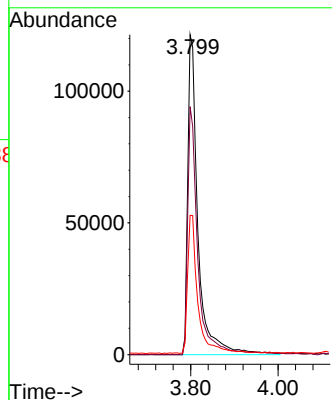
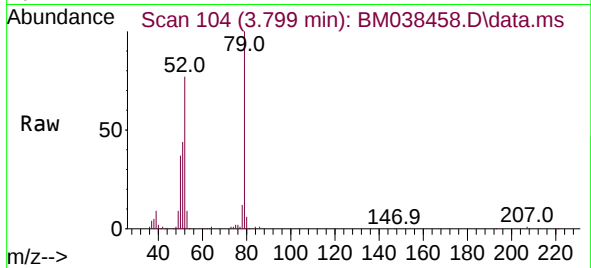




#3
Pyridine
Concen: 37.783 ng
RT: 3.799 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

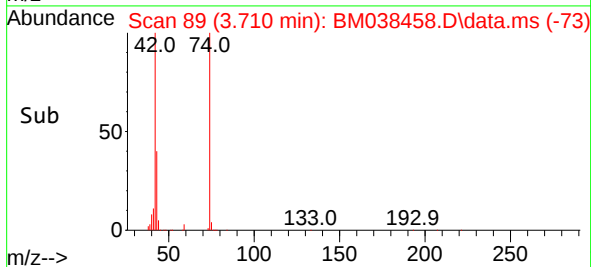
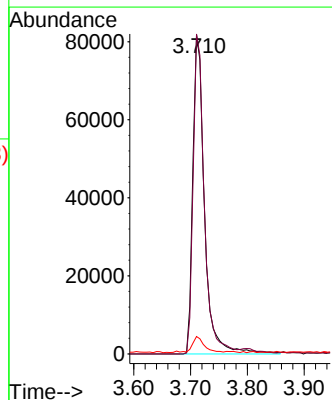
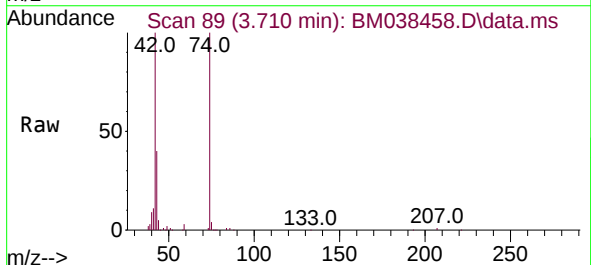
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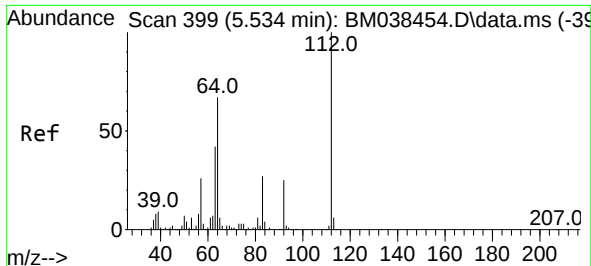
Tgt Ion: 79 Resp: 198418
Ion Ratio Lower Upper
79 100
52 77.5 62.2 93.2
51 43.5 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 37.537 ng
RT: 3.710 min Scan# 89
Delta R.T. -0.006 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion: 42 Resp: 116634
Ion Ratio Lower Upper
42 100
74 100.2 79.7 119.5
44 5.4 4.7 7.1

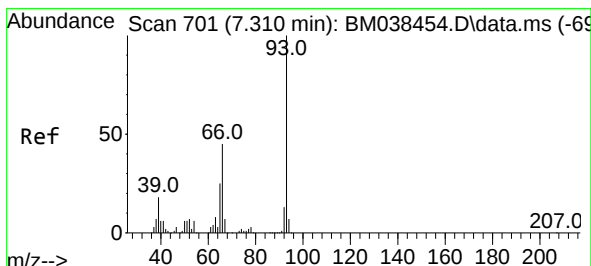
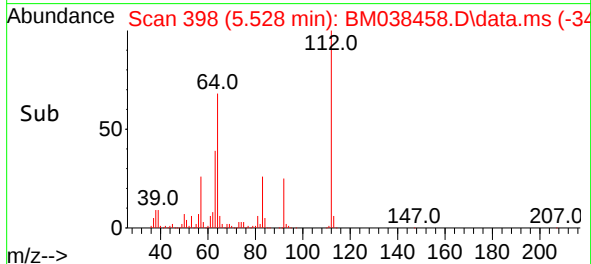
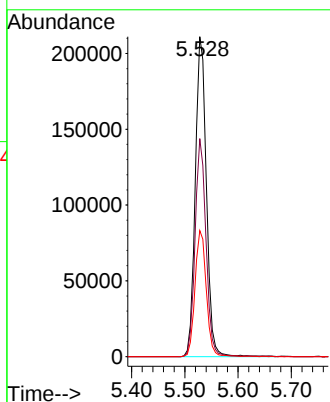
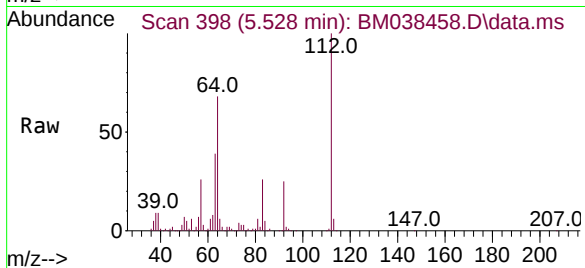




#5
2-Fluorophenol
Concen: 76.955 ng
RT: 5.528 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

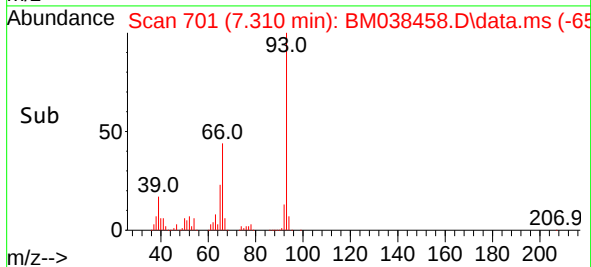
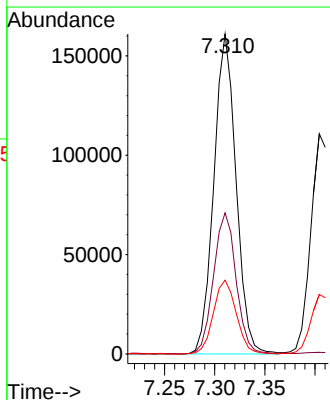
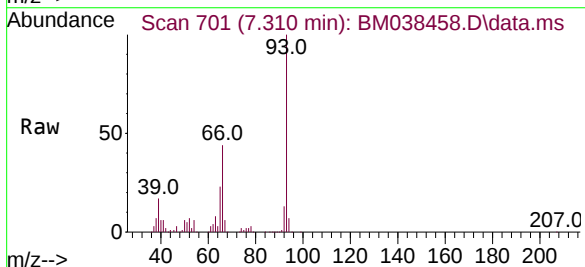
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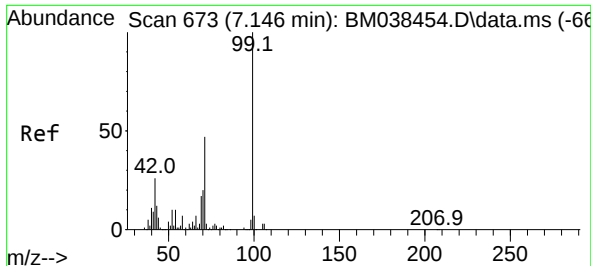
Tgt Ion:112 Resp: 305703
Ion Ratio Lower Upper
112 100
64 68.1 53.7 80.5
63 39.4 33.7 50.5



#6
Aniline
Concen: 38.627 ng
RT: 7.310 min Scan# 701
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion: 93 Resp: 248276
Ion Ratio Lower Upper
93 100
66 44.1 36.2 54.2
65 23.0 19.8 29.8

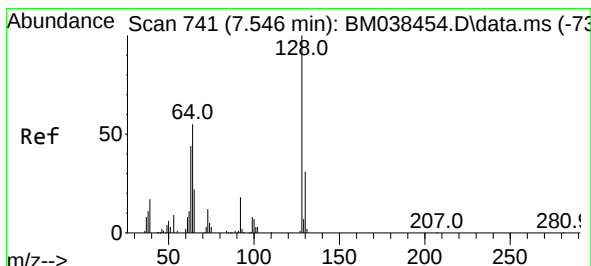
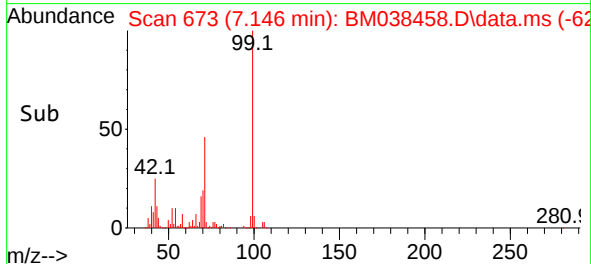
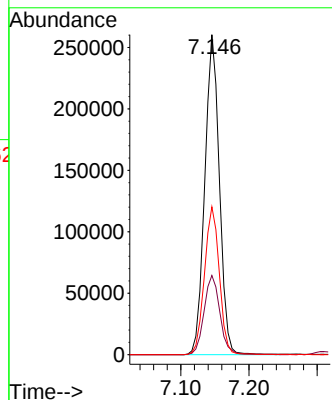
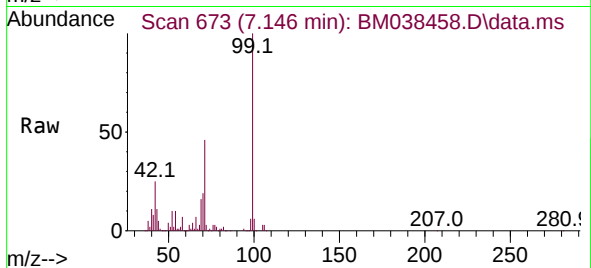




#7
Phenol-d6
Concen: 76.208 ng
RT: 7.146 min Scan# 673
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

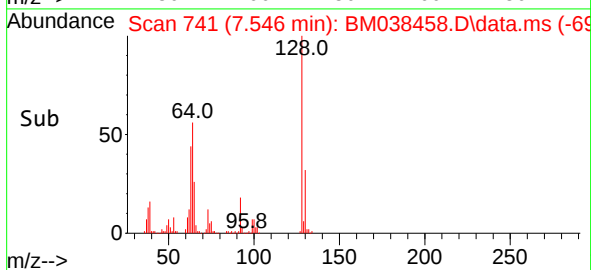
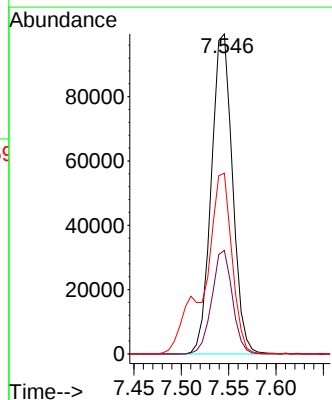
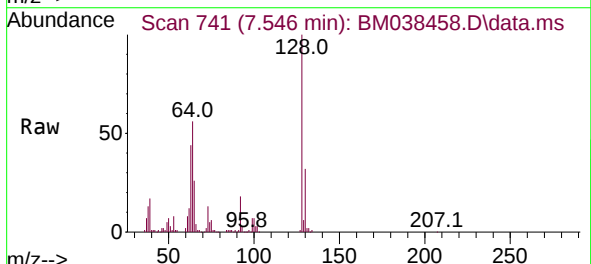
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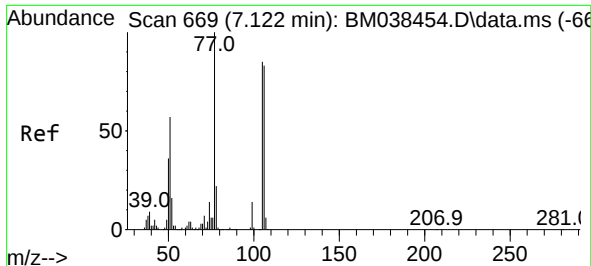
Tgt Ion: 99 Resp: 387795
Ion Ratio Lower Upper
99 100
42 24.7 20.8 31.2
71 46.2 37.8 56.8



#8
2-Chlorophenol
Concen: 39.311 ng
RT: 7.546 min Scan# 741
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion: 128 Resp: 154613
Ion Ratio Lower Upper
128 100
130 32.3 11.5 51.5
64 56.5 38.0 78.0

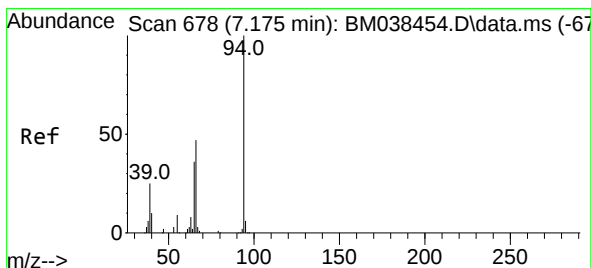
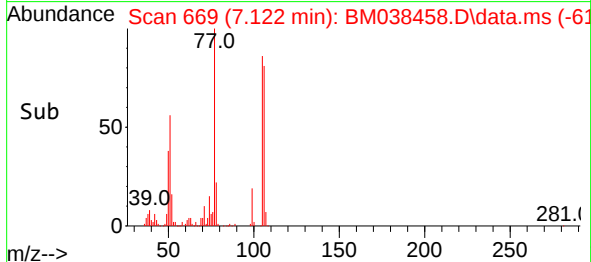
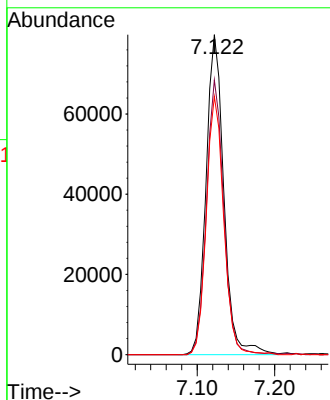
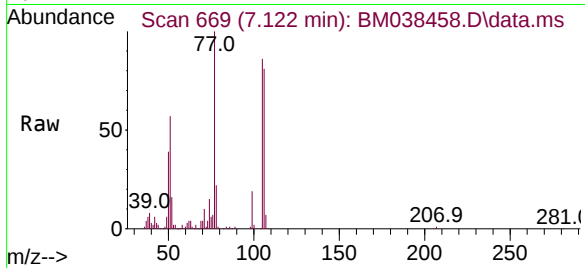




#9
Benzaldehyde
Concen: 37.467 ng
RT: 7.122 min Scan# 669
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

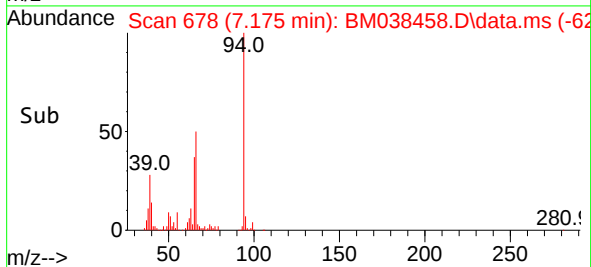
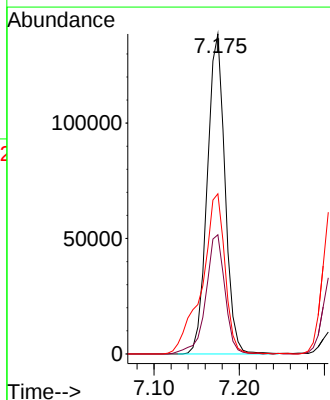
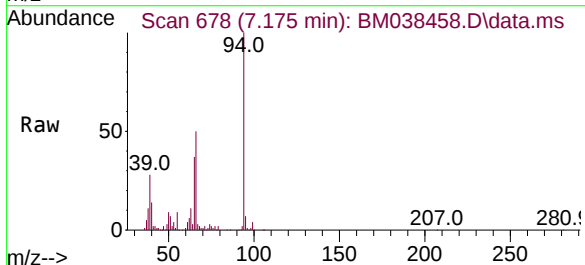
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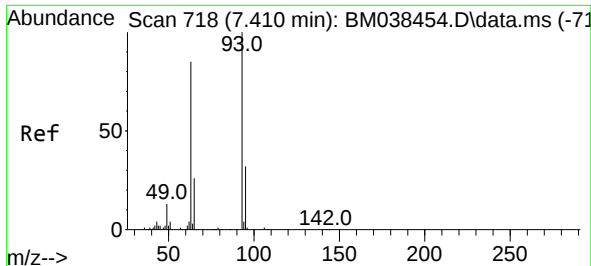
Tgt Ion: 77 Resp: 127493
Ion Ratio Lower Upper
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105 85.8 65.3 105.3
106 80.6 62.5 102.5



#10
Phenol
Concen: 37.664 ng
RT: 7.175 min Scan# 678
Delta R.T. -0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion: 94 Resp: 199727
Ion Ratio Lower Upper
94 100
65 37.2 16.3 56.3
66 50.0 29.2 69.2

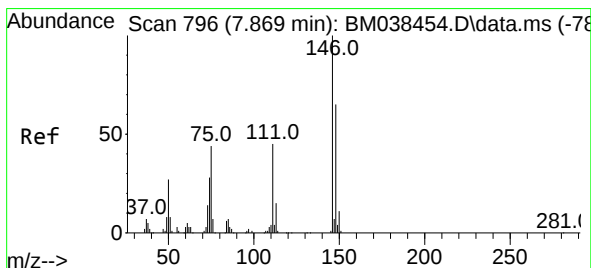
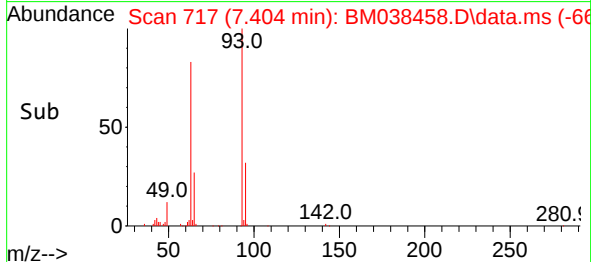
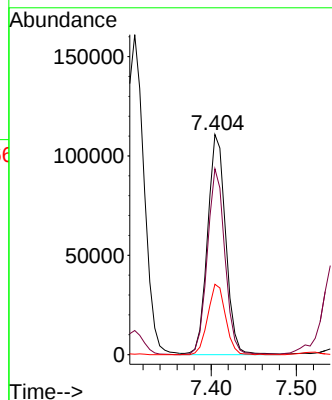
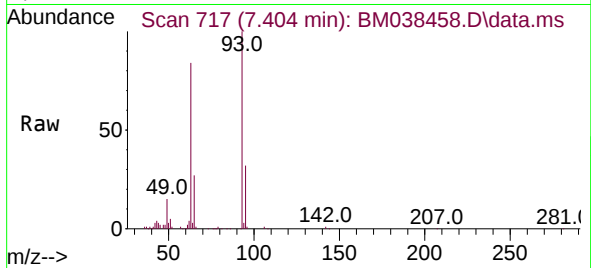




#11
bis(2-Chloroethyl)ether
Concen: 38.052 ng
RT: 7.404 min Scan# 718
Delta R.T. -0.006 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

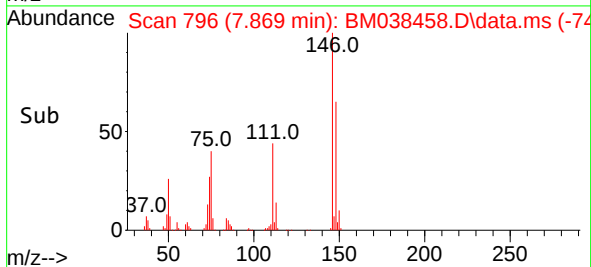
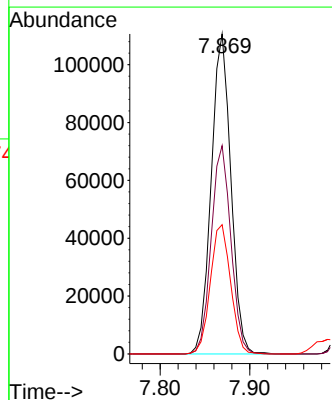
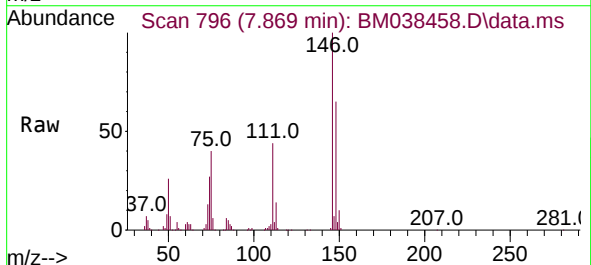
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

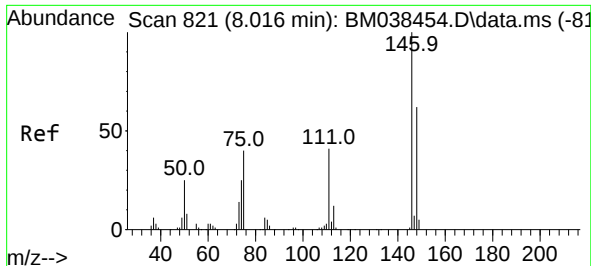
Tgt Ion: 93 Resp: 163524
Ion Ratio Lower Upper
93 100
63 84.5 64.6 104.6
95 31.9 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 39.852 ng
RT: 7.869 min Scan# 796
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:146 Resp: 167912
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
75 40.4 35.1 52.7

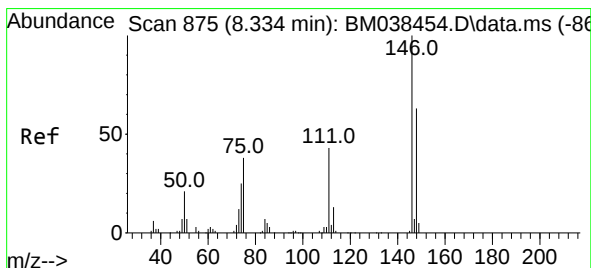
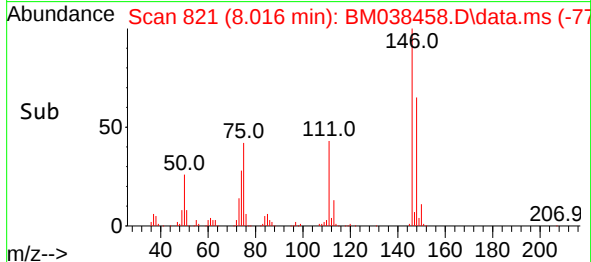
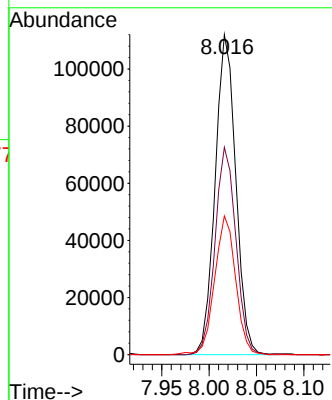
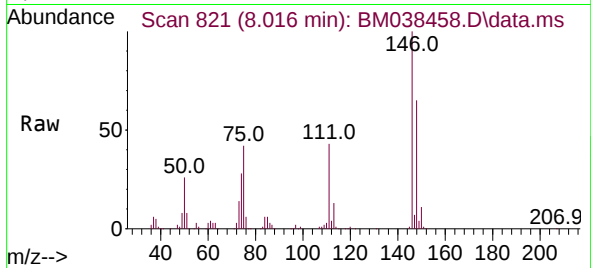




#13
1,4-Dichlorobenzene
Concen: 40.067 ng
RT: 8.016 min Scan# 821
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

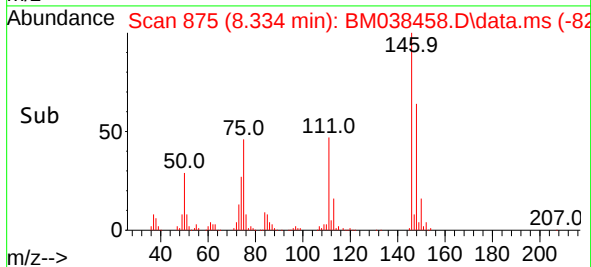
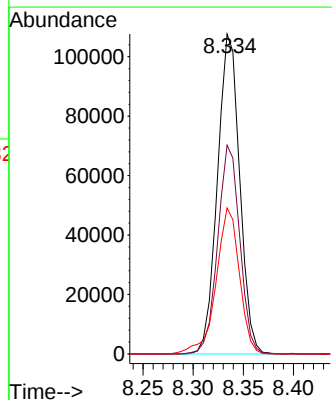
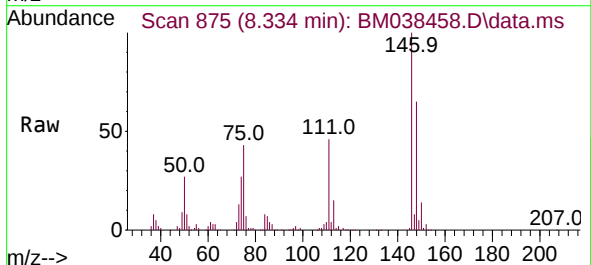
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

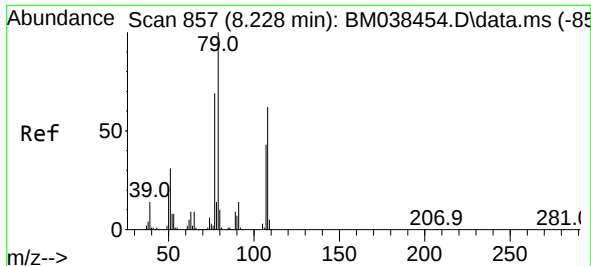
Tgt Ion:146 Resp: 169840
Ion Ratio Lower Upper
146 100
148 64.8 50.1 75.1
111 43.3 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 40.090 ng
RT: 8.334 min Scan# 875
Delta R.T. -0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:146 Resp: 166161
Ion Ratio Lower Upper
146 100
148 65.2 50.7 76.1
111 45.6 35.2 52.8

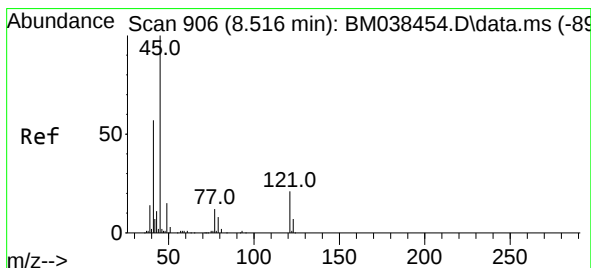
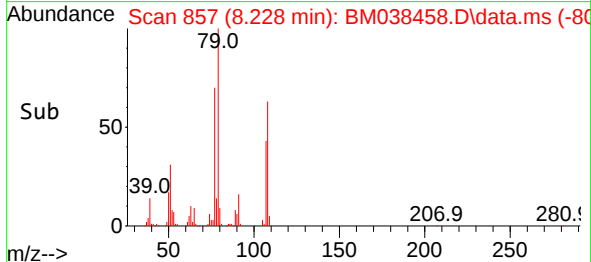
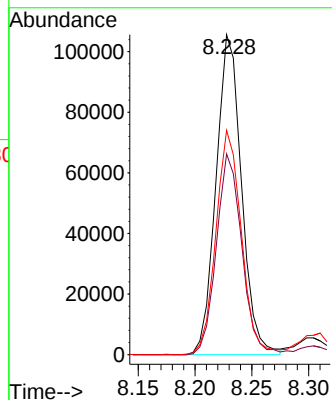
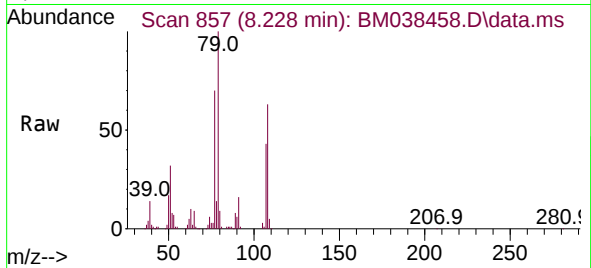




#15
Benzyl Alcohol
Concen: 40.348 ng
RT: 8.228 min Scan# 857
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

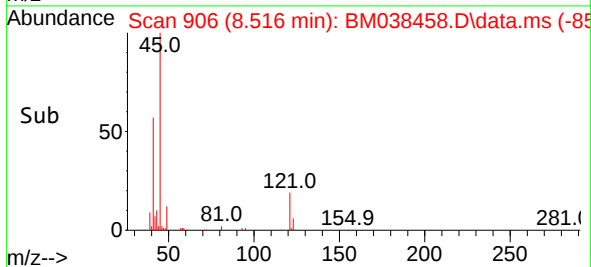
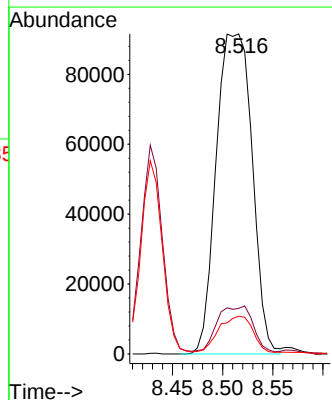
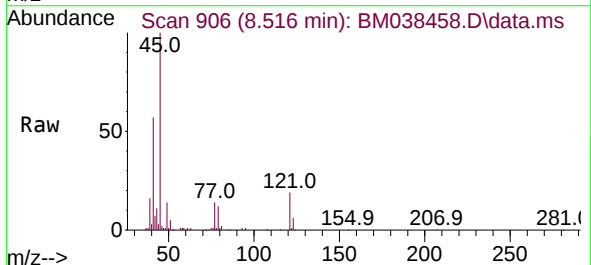
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

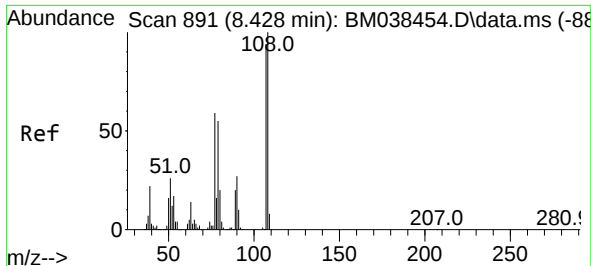
Tgt Ion: 79 Resp: 164446
Ion Ratio Lower Upper
79 100
108 62.7 49.3 73.9
77 70.1 55.1 82.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.092 ng
RT: 8.516 min Scan# 906
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion: 45 Resp: 228225
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.7
79 11.8 0.0 30.4

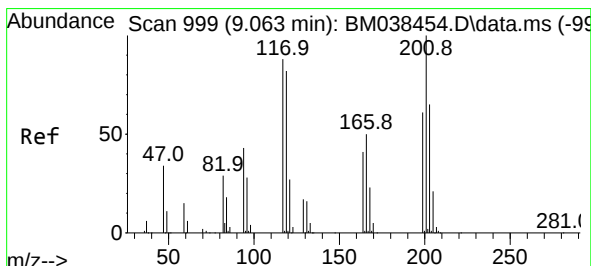
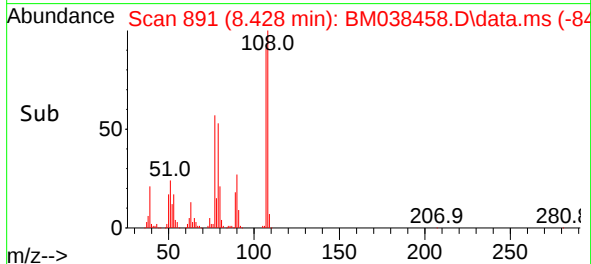
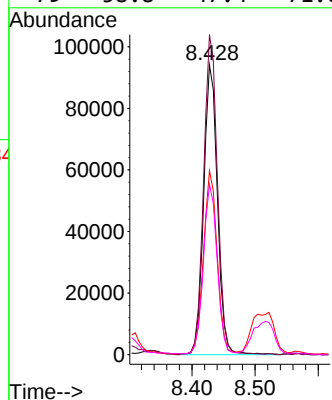
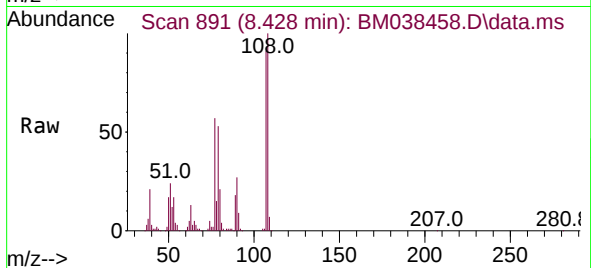




#17
2-Methylphenol
Concen: 39.672 ng
RT: 8.428 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

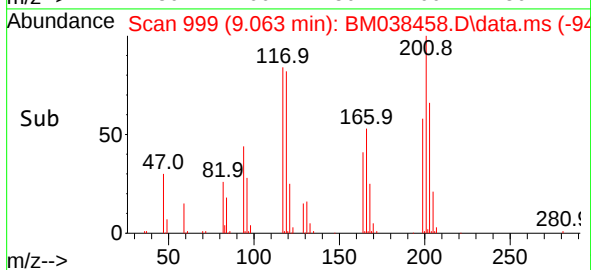
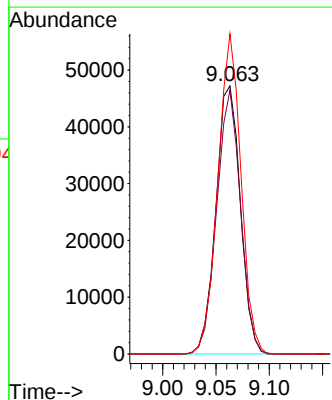
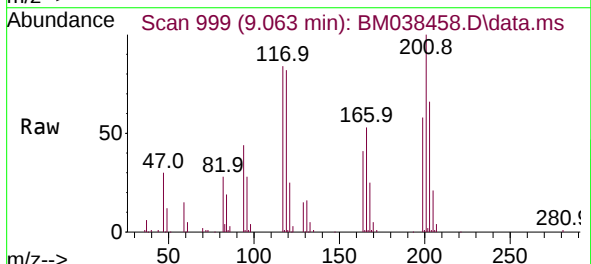
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

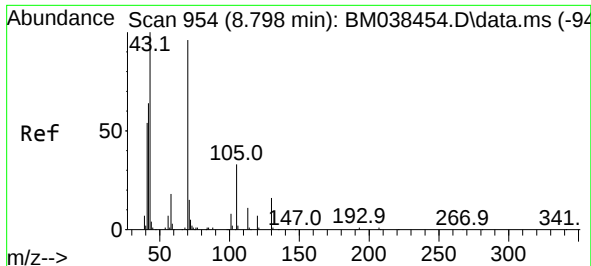
Tgt Ion:	107	Resp:	142088
Ion	Ratio	Lower	Upper
107	100		
108	110.5	85.7	128.5
77	63.5	50.5	75.7
79	58.8	47.4	71.0



#18
Hexachloroethane
Concen: 43.426 ng
RT: 9.063 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:	117	Resp:	75398
Ion	Ratio	Lower	Upper
117	100		
119	98.4	74.5	111.7
201	119.4	91.3	136.9

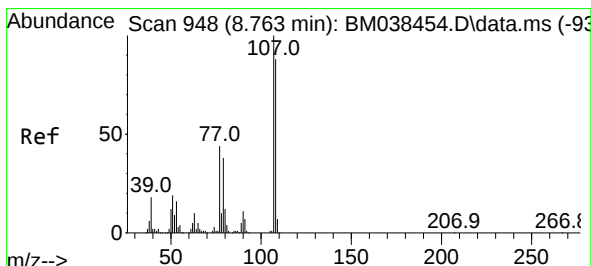
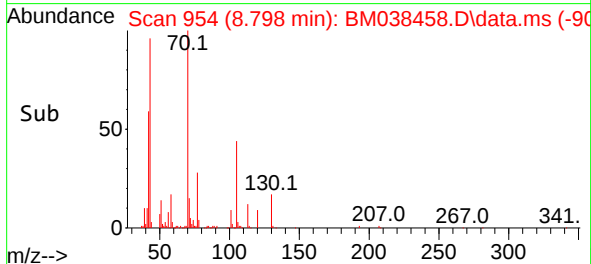
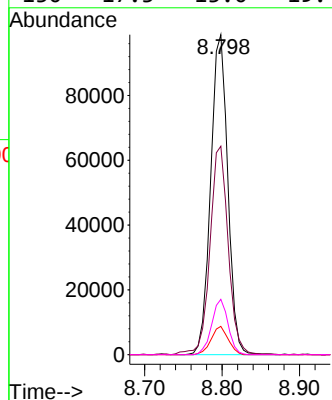
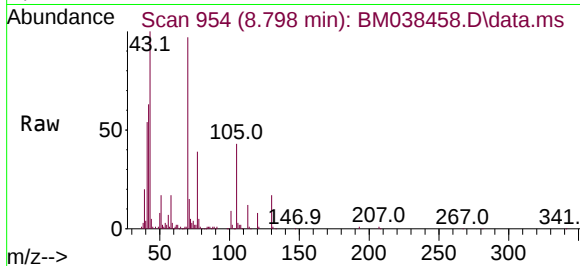




#19
n-Nitroso-di-n-propylamine
Concen: 40.955 ng
RT: 8.798 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

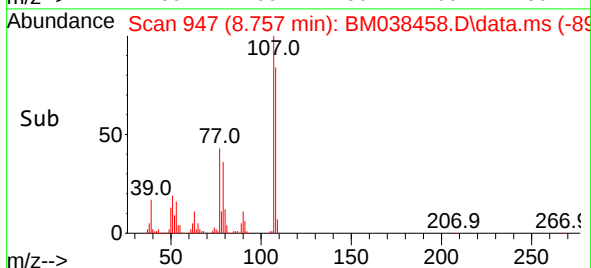
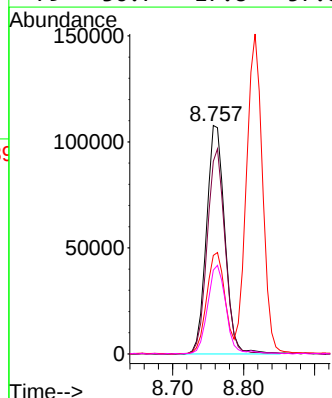
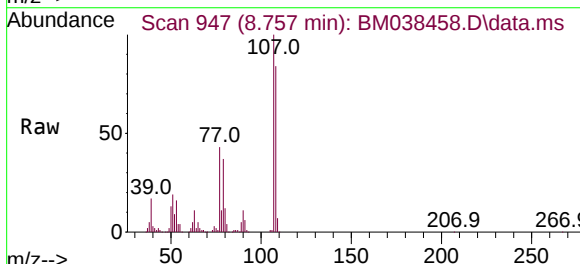
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

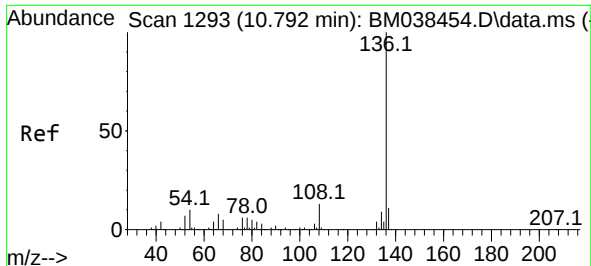
Tgt Ion: 70 Resp: 151279
Ion Ratio Lower Upper
70 100
42 65.1 54.2 81.2
101 8.8 6.6 10.0
130 17.3 13.0 19.4



#20
3+4-Methylphenols
Concen: 40.189 ng
RT: 8.757 min Scan# 947
Delta R.T. -0.006 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion: 107 Resp: 193261
Ion Ratio Lower Upper
107 100
108 84.3 67.6 107.6
77 43.1 24.1 64.1
79 36.7 17.8 57.8

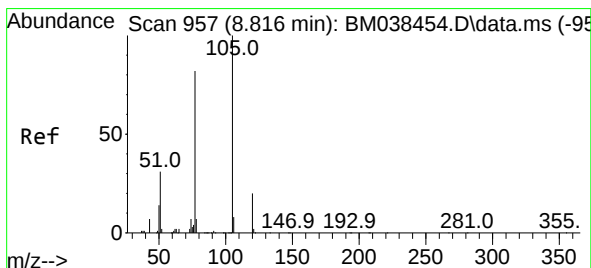
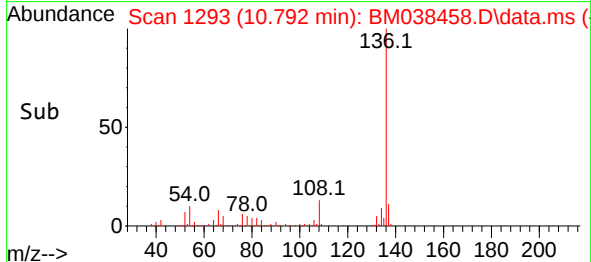
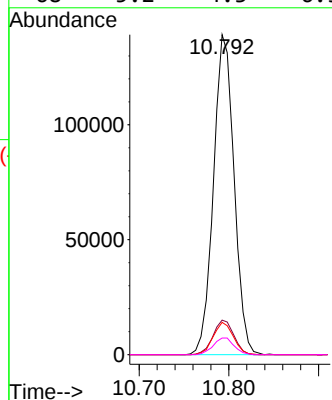
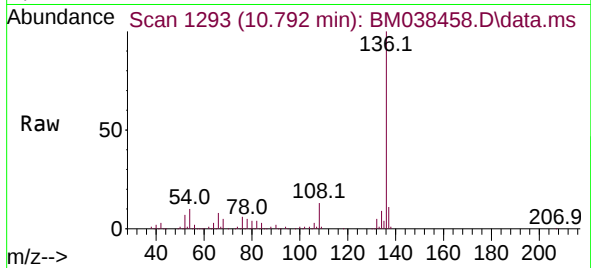




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

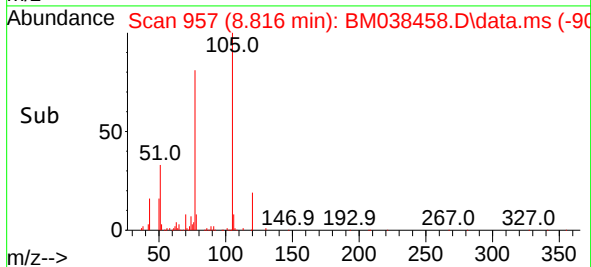
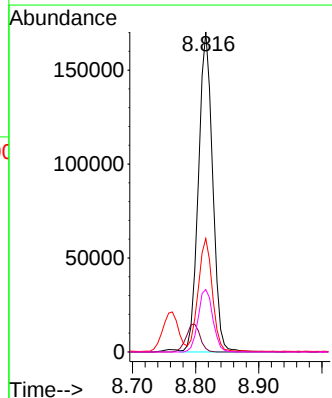
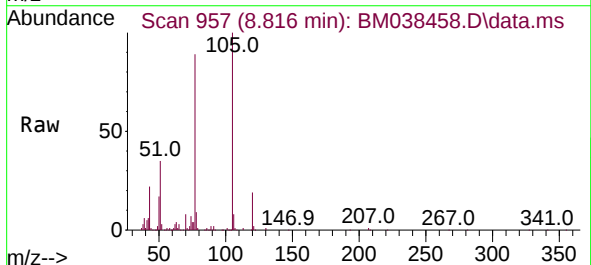
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

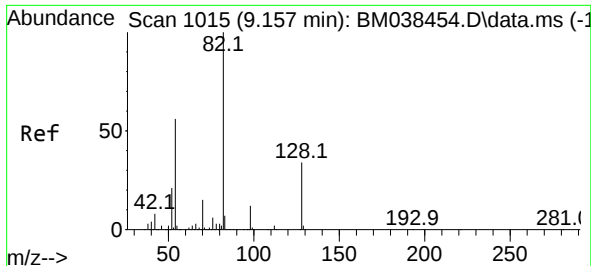
Tgt Ion:	136	Resp:	223288
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	10.1	7.6	11.4
68	5.2	4.3	6.5



#22
Acetophenone
Concen: 40.396 ng
RT: 8.816 min Scan# 957
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:	105	Resp:	266614
Ion Ratio	Lower	Upper	
105	100		
71	1.1	1.0	1.6
51	35.4	27.4	41.2
120	19.5	15.6	23.4

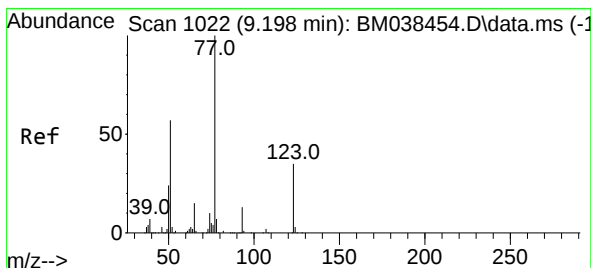
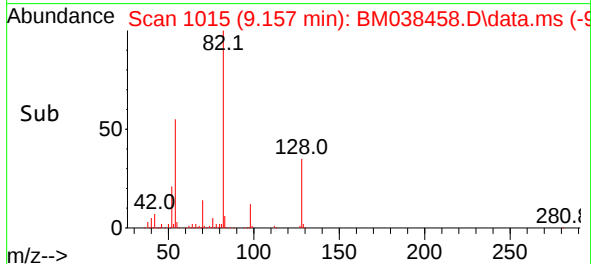
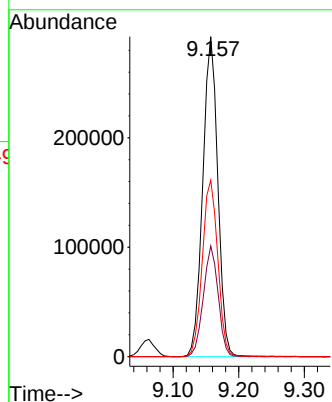
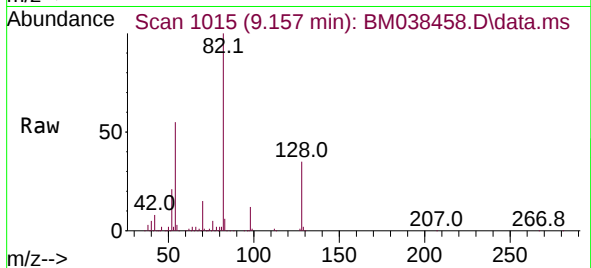




#23
Nitrobenzene-d5
Concen: 84.637 ng
RT: 9.157 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

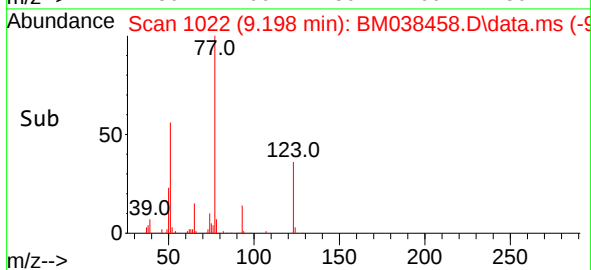
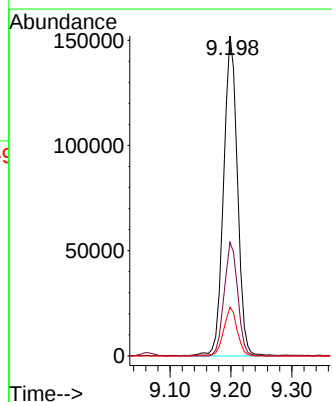
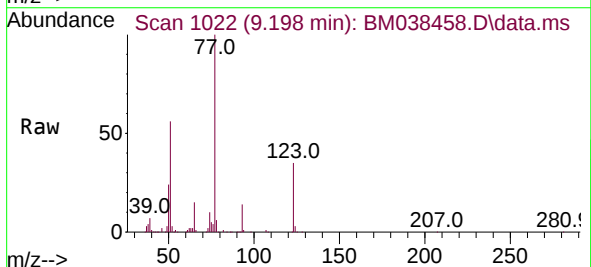
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

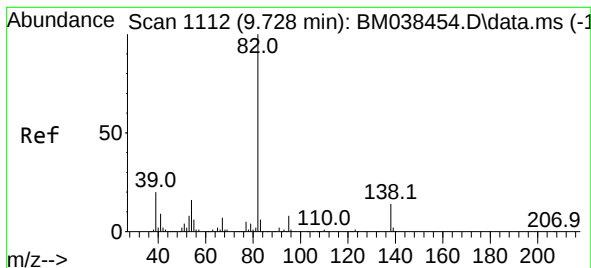
Tgt Ion: 82 Resp: 463821
Ion Ratio Lower Upper
82 100
128 34.6 27.0 40.6
54 55.1 45.0 67.6



#24
Nitrobenzene
Concen: 41.615 ng
RT: 9.198 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion: 77 Resp: 240952
Ion Ratio Lower Upper
77 100
123 35.5 28.2 42.4
65 15.2 12.1 18.1





#25

Isophorone

Concen: 38.540 ng

RT: 9.722 min Scan# 1111

Delta R.T. -0.006 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

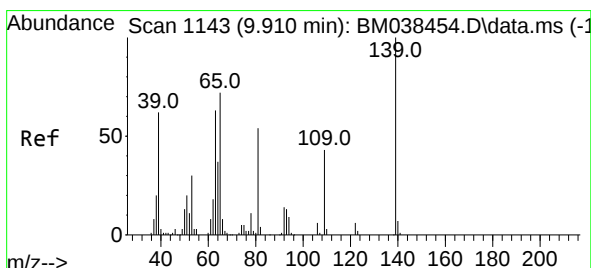
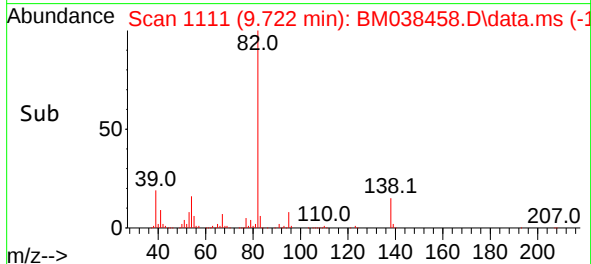
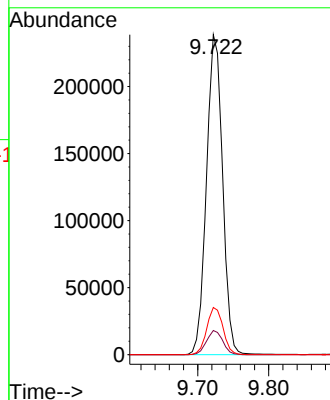
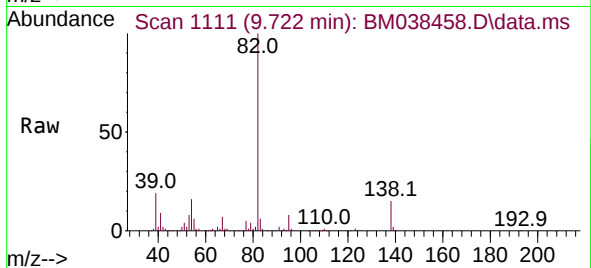
Tgt Ion: 82 Resp: 374106

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

138 14.7 11.5 17.3



#26

2-Nitrophenol

Concen: 41.147 ng

RT: 9.910 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

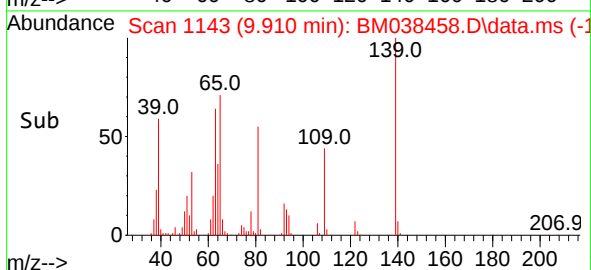
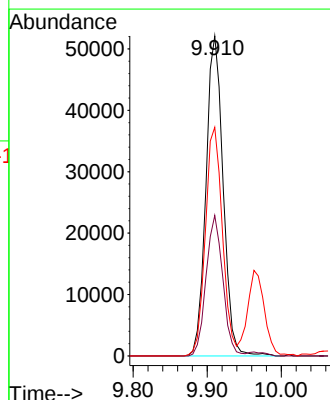
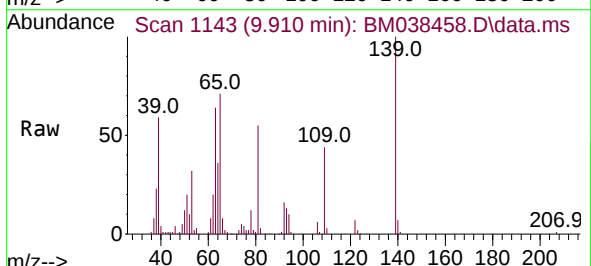
Tgt Ion: 139 Resp: 83646

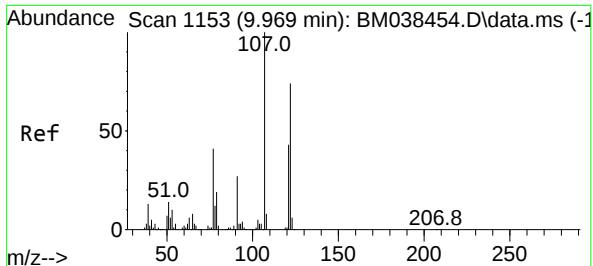
Ion Ratio Lower Upper

139 100

109 43.9 34.7 52.1

65 71.4 57.4 86.0





#27

2,4-Dimethylphenol

Concen: 39.932 ng

RT: 9.969 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

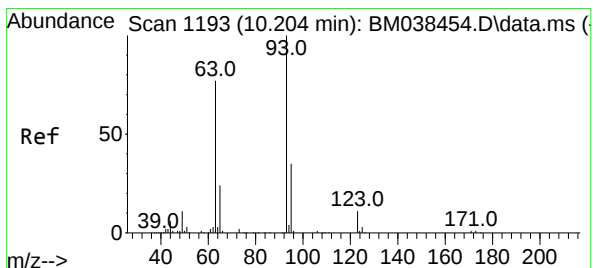
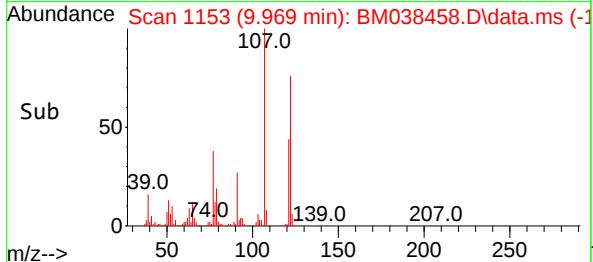
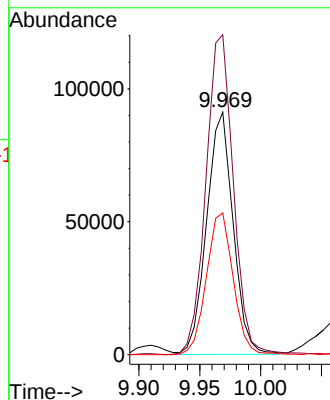
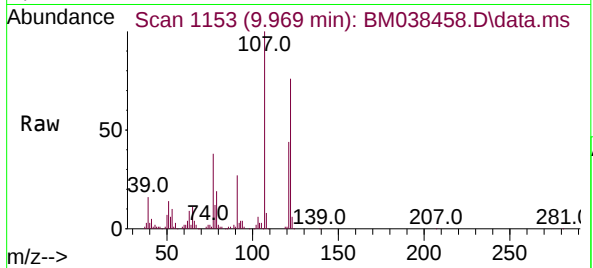
Tgt Ion:122 Resp: 138225

Ion Ratio Lower Upper

122 100

107 131.9 107.4 161.0

121 58.4 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 38.642 ng

RT: 10.204 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

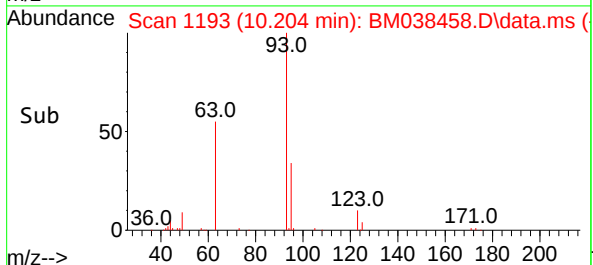
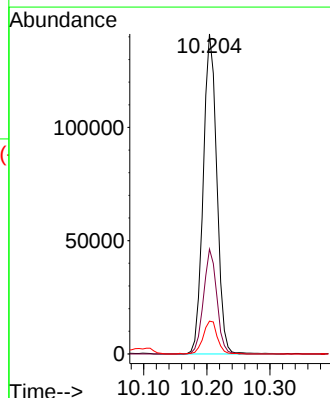
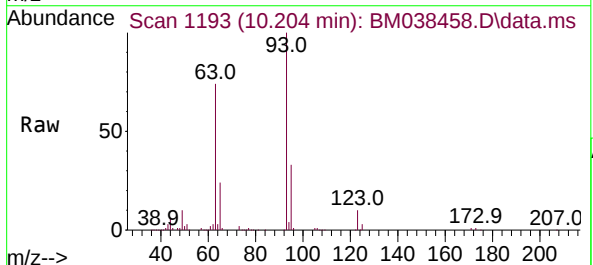
Tgt Ion: 93 Resp: 210954

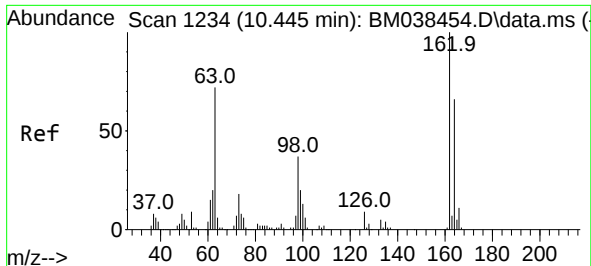
Ion Ratio Lower Upper

93 100

95 32.7 27.7 41.5

123 10.2 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 40.929 ng

RT: 10.439 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

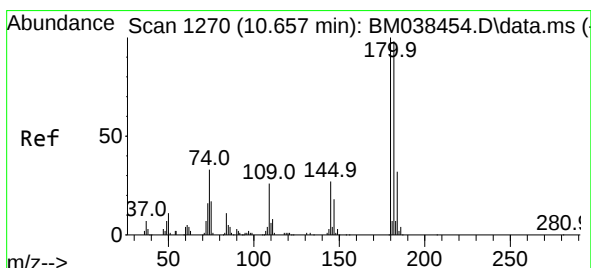
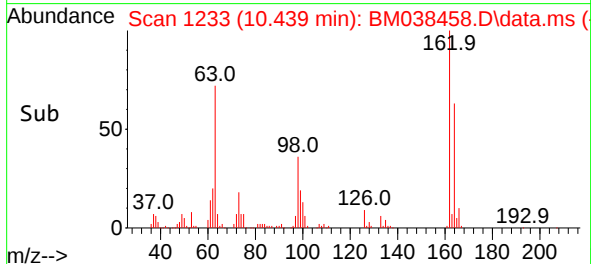
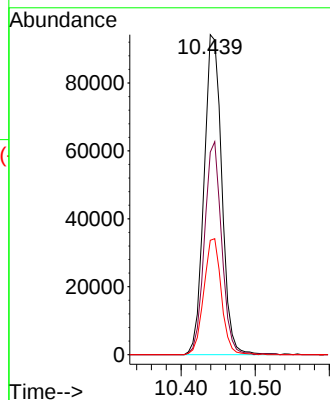
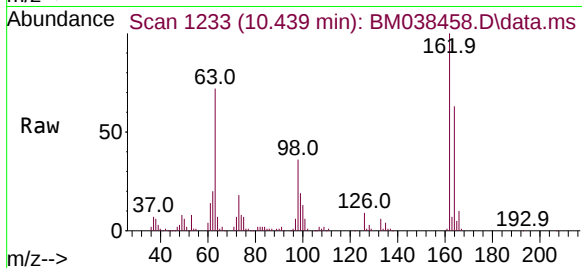
Tgt Ion:162 Resp: 156514

Ion Ratio Lower Upper

162 100

164 63.3 46.5 86.5

98 35.7 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 40.411 ng

RT: 10.657 min Scan# 1270

Delta R.T. 0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

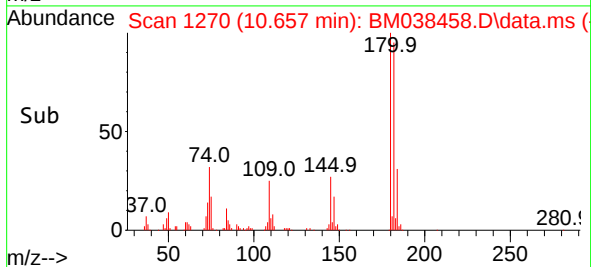
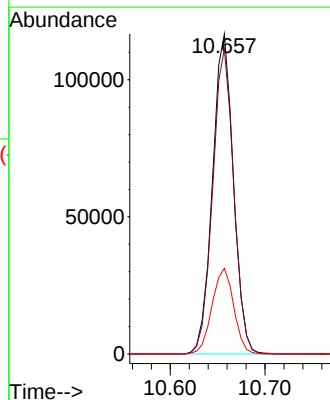
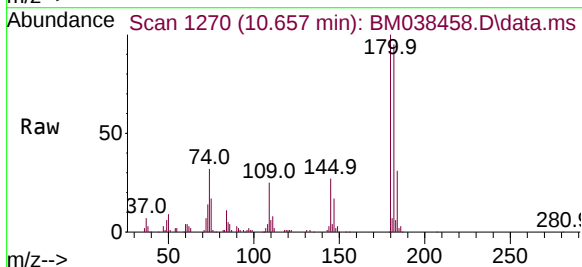
Tgt Ion:180 Resp: 178703

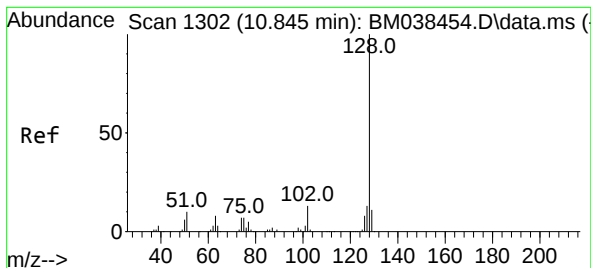
Ion Ratio Lower Upper

180 100

182 95.3 78.1 117.1

145 26.7 21.9 32.9





#31

Naphthalene

Concen: 39.414 ng

RT: 10.845 min Scan# 1302

Delta R.T. -0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

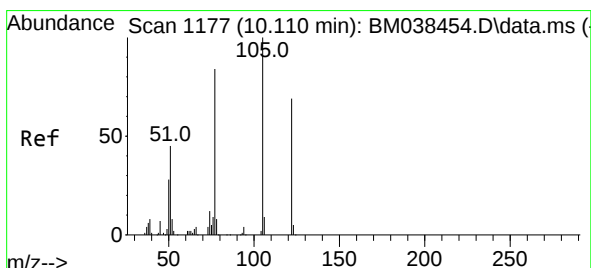
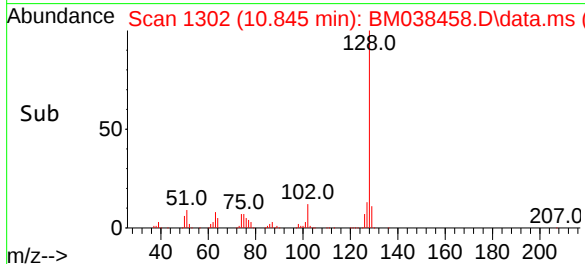
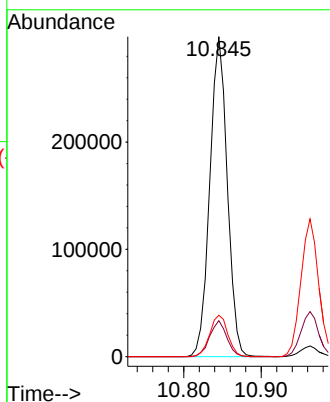
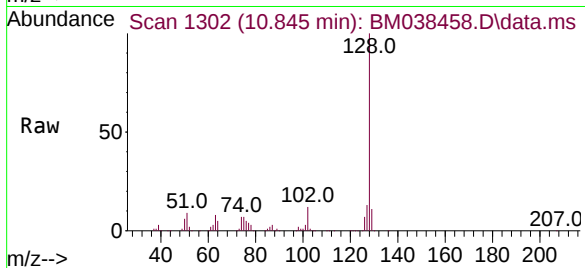
Tgt Ion:128 Resp: 466415

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 12.9 10.8 16.2



#32

Benzoic acid

Concen: 37.544 ng

RT: 10.104 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

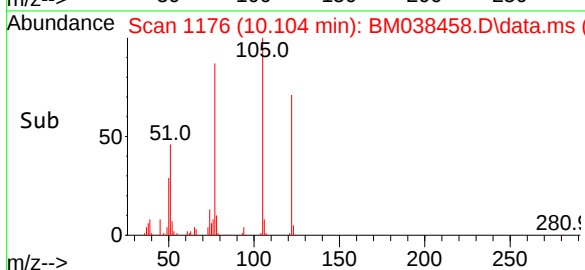
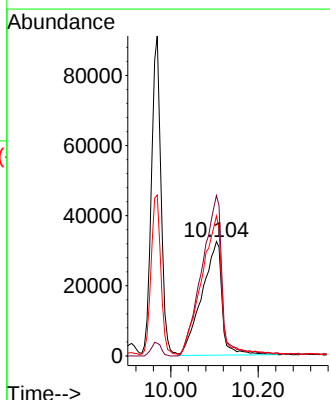
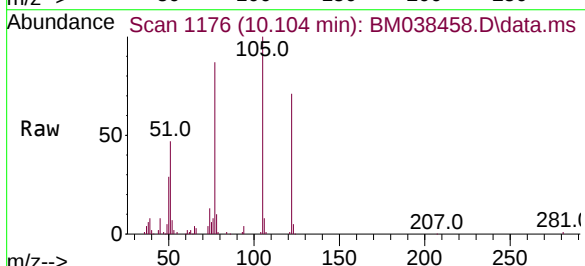
Tgt Ion:122 Resp: 104151

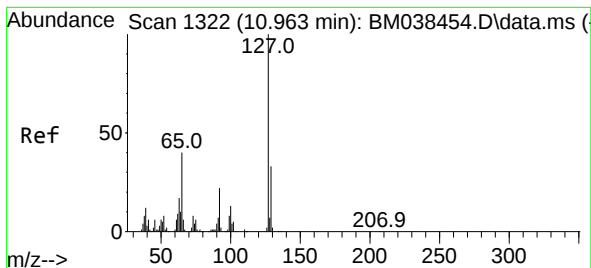
Ion Ratio Lower Upper

122 100

105 140.2 122.6 162.6

77 122.3 101.5 141.5





#33

4-Chloroaniline

Concen: 39.663 ng

RT: 10.963 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

Tgt Ion:127 Resp: 206014

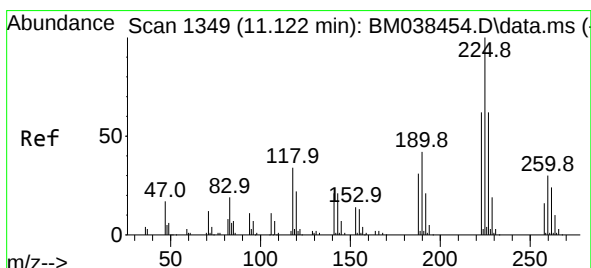
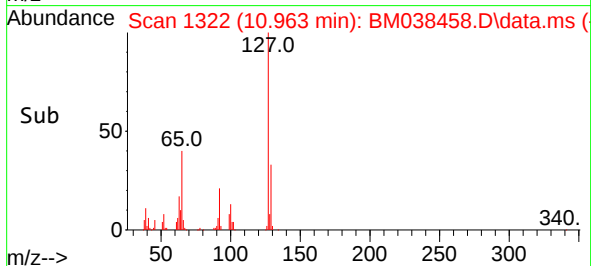
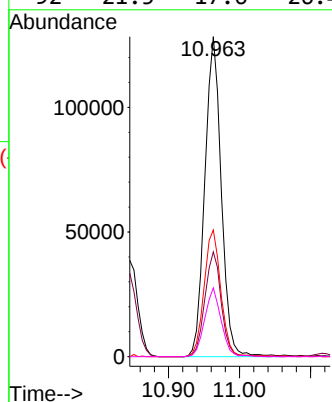
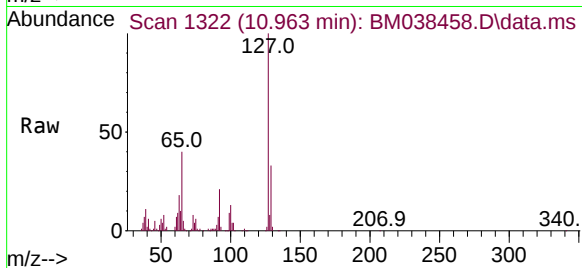
Ion Ratio Lower Upper

127 100

129 32.7 26.4 39.6

65 39.6 32.1 48.1

92 21.5 17.6 26.4



#34

Hexachlorobutadiene

Concen: 39.546 ng

RT: 11.116 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

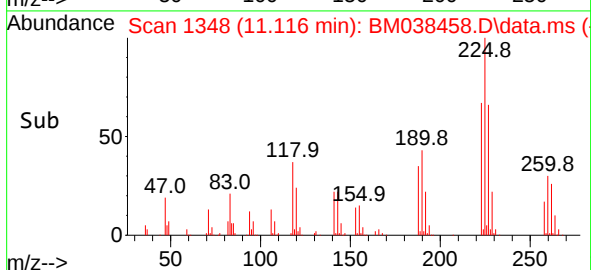
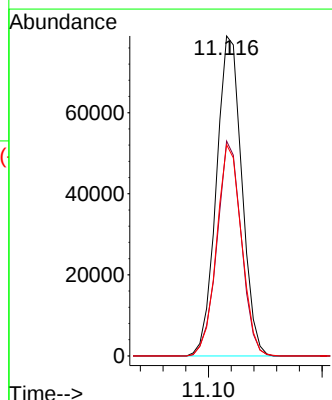
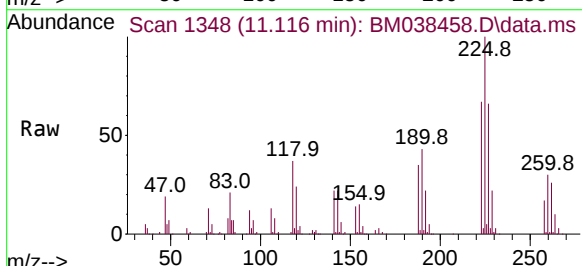
Tgt Ion:225 Resp: 122638

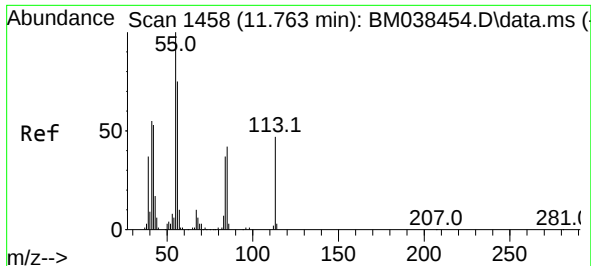
Ion Ratio Lower Upper

225 100

223 67.1 49.8 74.8

227 66.0 49.6 74.4

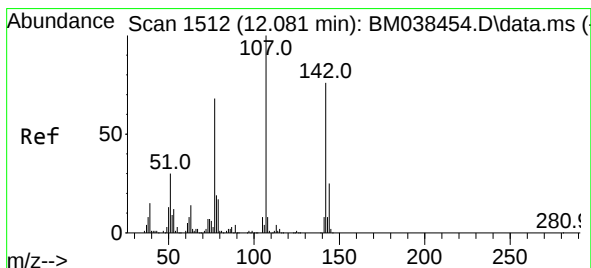
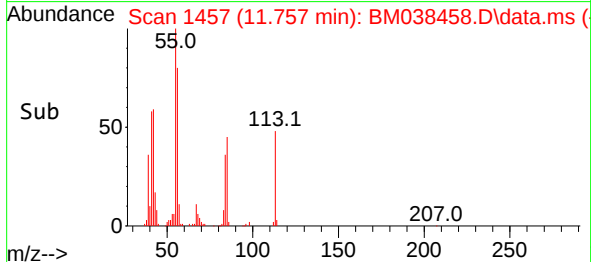
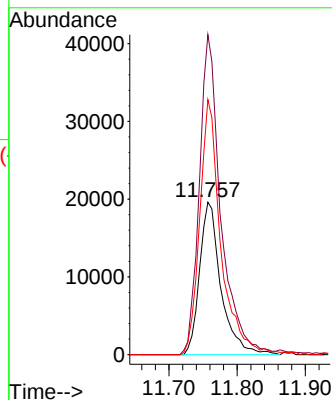
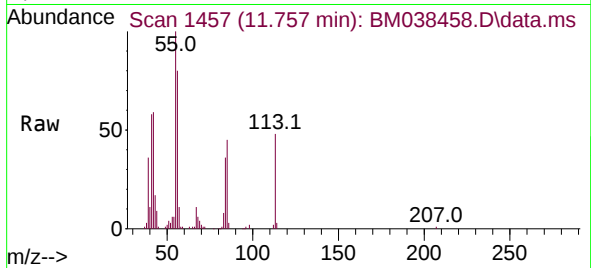




#35
Caprolactam
Concen: 39.466 ng
RT: 11.757 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

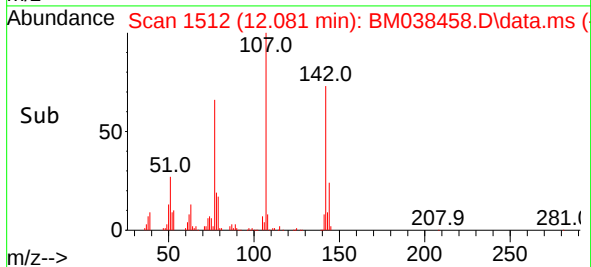
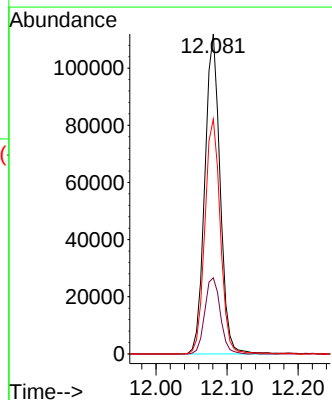
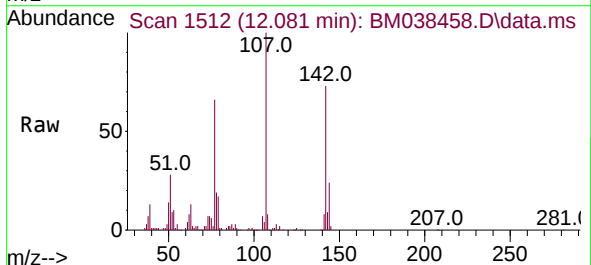
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

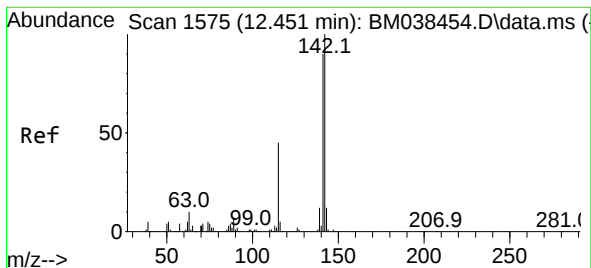
Tgt Ion:113 Resp: 42656
Ion Ratio Lower Upper
113 100
55 210.0 194.2 234.2
56 167.4 141.6 181.6



#36
4-Chloro-3-methylphenol
Concen: 39.888 ng
RT: 12.081 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:107 Resp: 166312
Ion Ratio Lower Upper
107 100
144 23.8 20.3 30.5
142 73.4 61.2 91.8

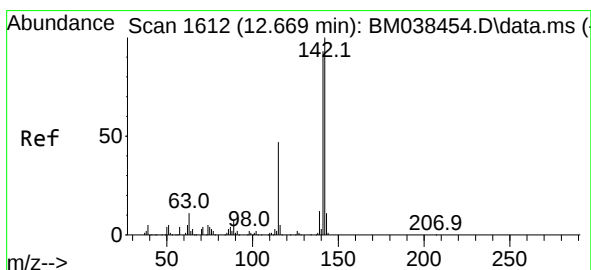
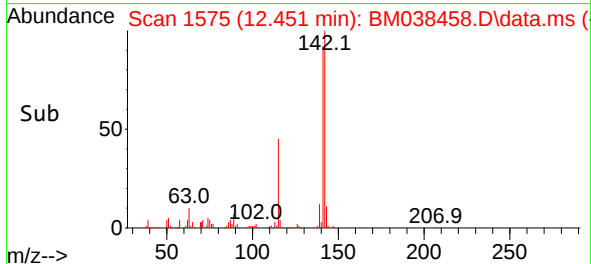
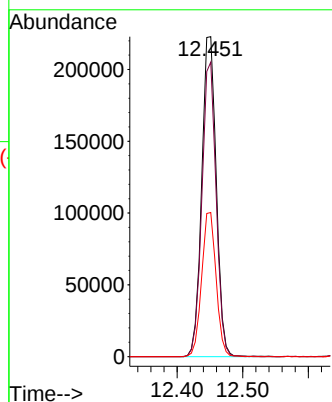
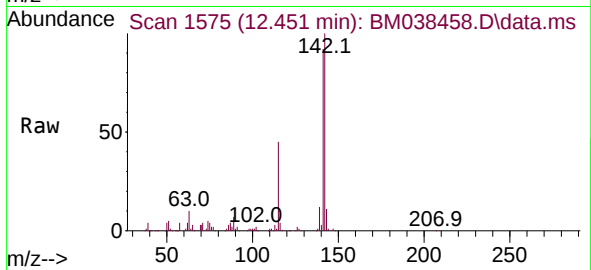




#37
2-Methylnaphthalene
Concen: 39.432 ng
RT: 12.451 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

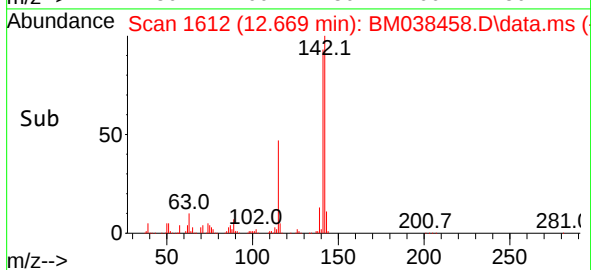
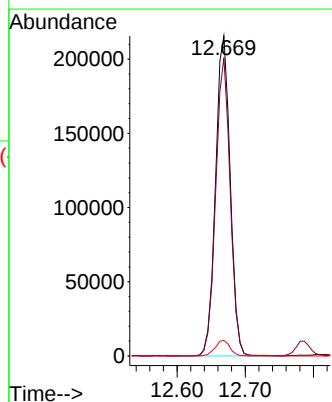
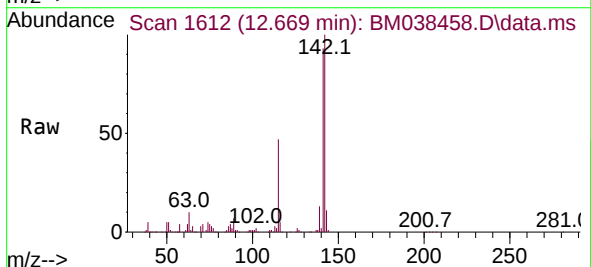
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

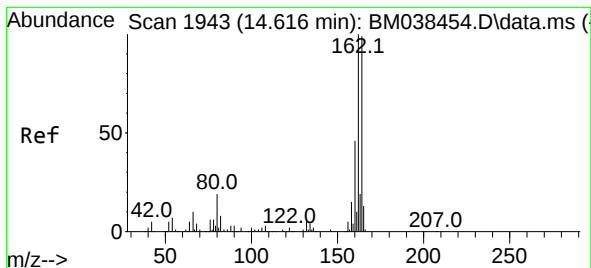
Tgt Ion:142 Resp: 341200
Ion Ratio Lower Upper
142 100
141 92.0 72.0 108.0
115 45.0 35.9 53.9



#38
1-Methylnaphthalene
Concen: 39.447 ng
RT: 12.669 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:142 Resp: 320436
Ion Ratio Lower Upper
142 100
141 93.2 74.4 111.6
116 4.8 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.616 min Scan# 1943

Delta R.T. 0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

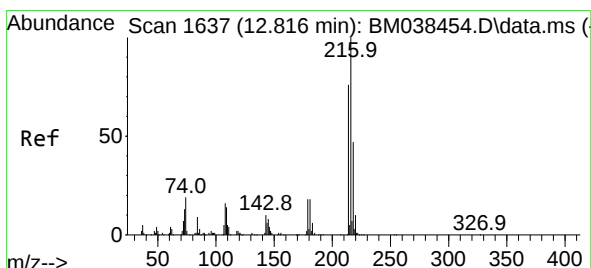
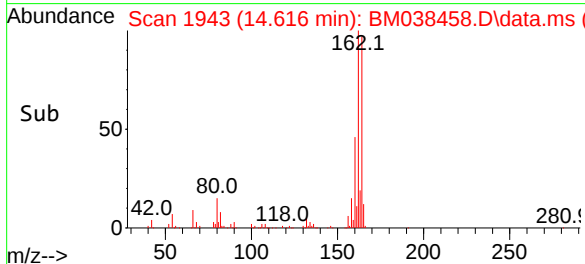
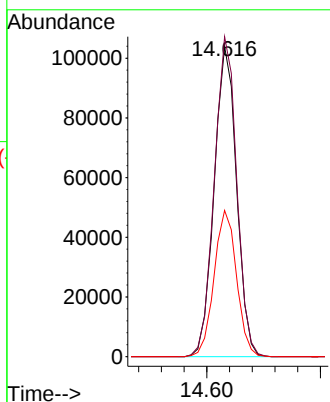
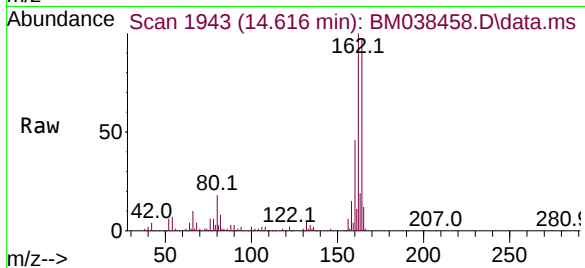
Tgt Ion:164 Resp: 141991

Ion Ratio Lower Upper

164 100

162 103.2 80.9 121.3

160 47.1 37.4 56.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.709 ng

RT: 12.816 min Scan# 1637

Delta R.T. 0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Tgt Ion:216 Resp: 221653

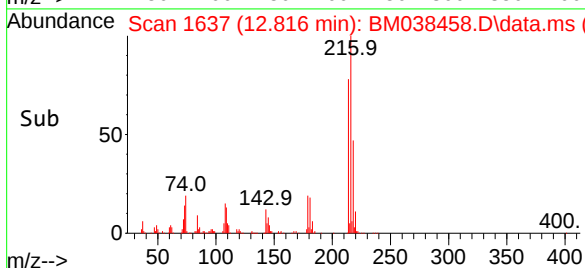
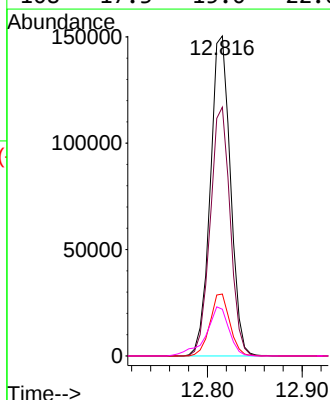
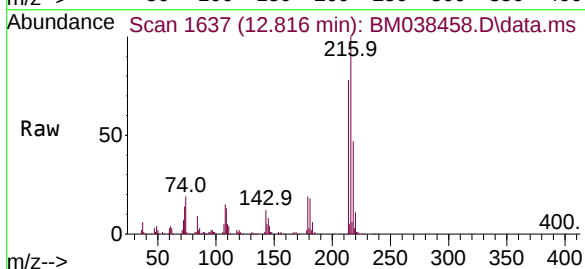
Ion Ratio Lower Upper

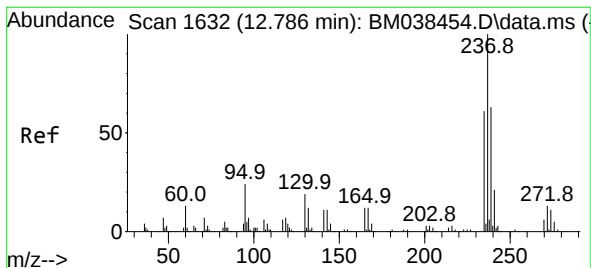
216 100

214 77.1 61.4 92.0

179 19.1 15.3 22.9

108 17.3 15.0 22.6

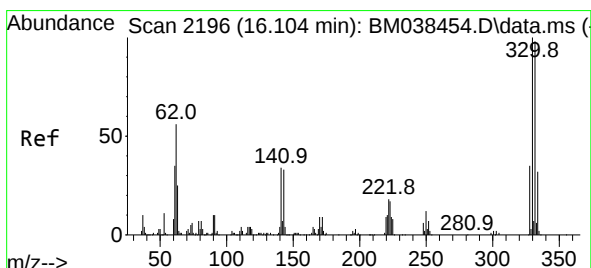
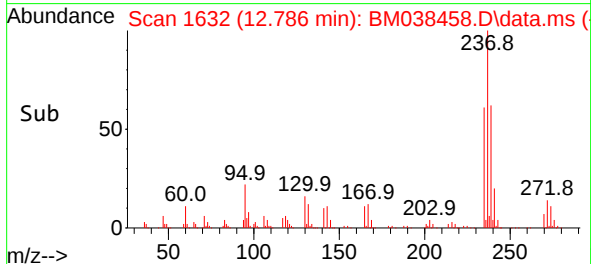
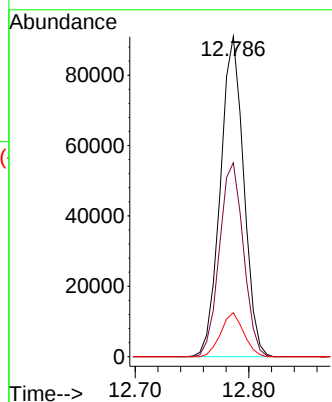
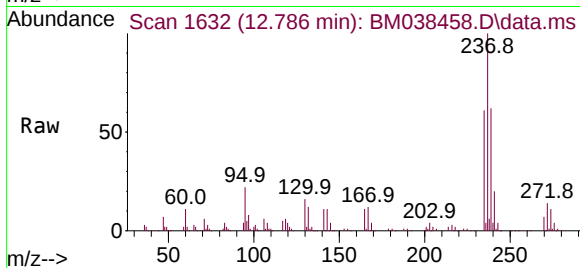




#41
Hexachlorocyclopentadiene
Concen: 42.987 ng
RT: 12.786 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

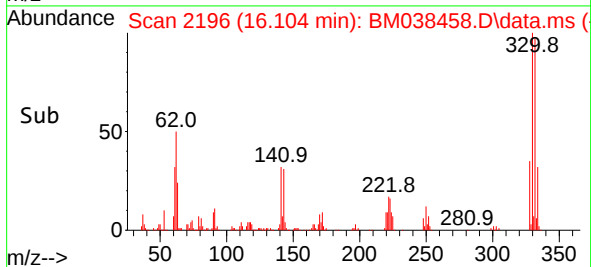
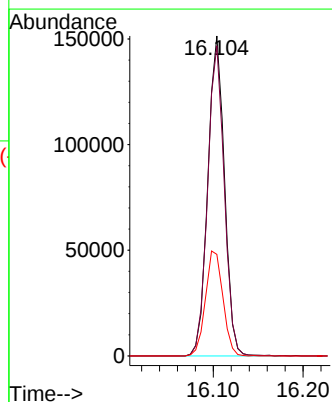
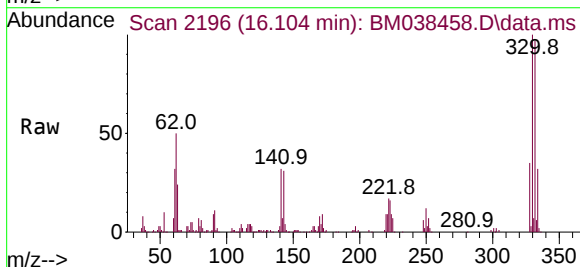
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

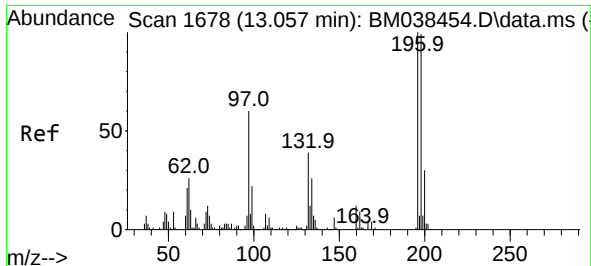
Tgt Ion:237 Resp: 129893
Ion Ratio Lower Upper
237 100
235 60.6 40.9 80.9
272 13.7 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 81.459 ng
RT: 16.104 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:330 Resp: 195531
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 34.4 28.1 42.1

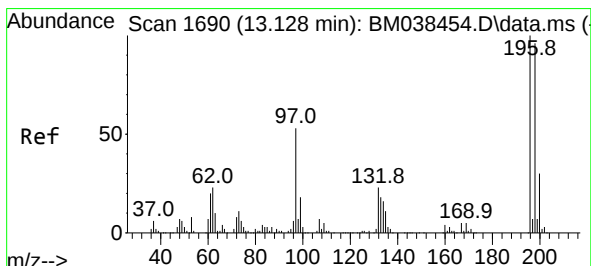
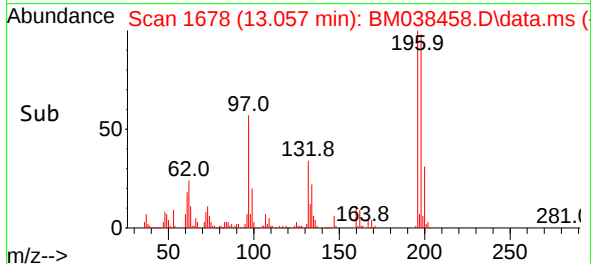
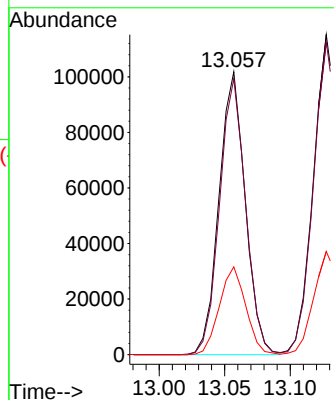
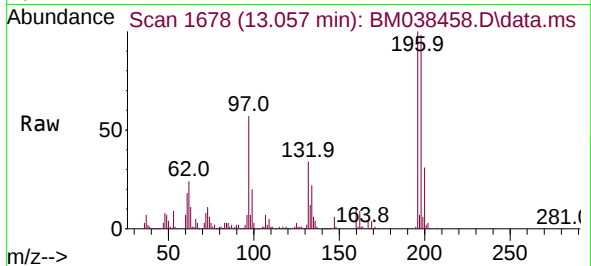




#43
2,4,6-Trichlorophenol
Concen: 42.185 ng
RT: 13.057 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

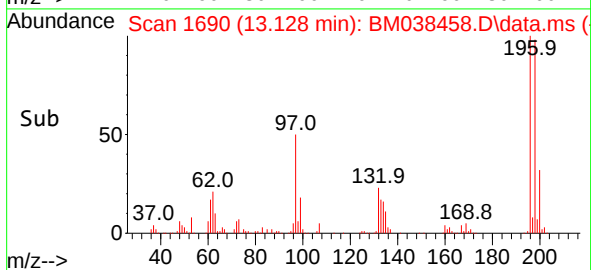
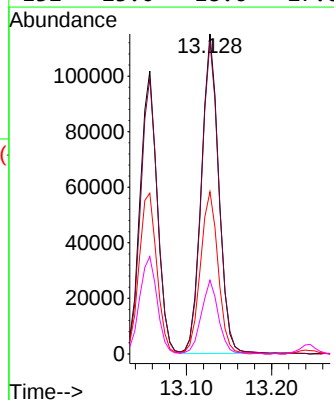
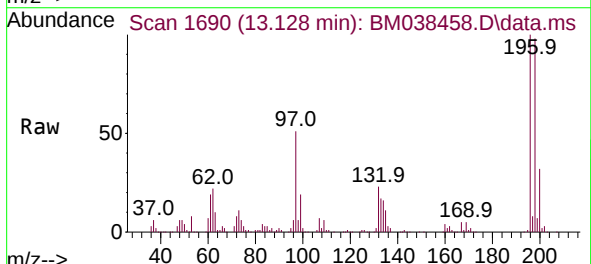
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

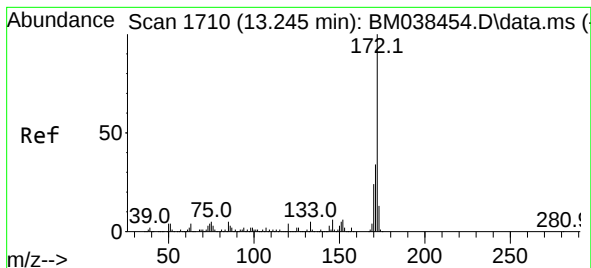
Tgt Ion:196 Resp: 141717
Ion Ratio Lower Upper
196 100
198 97.5 78.8 118.2
200 31.0 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 41.165 ng
RT: 13.128 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:196 Resp: 163048
Ion Ratio Lower Upper
196 100
198 97.6 77.4 116.2
97 50.7 42.4 63.6
132 23.0 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 80.791 ng

RT: 13.245 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

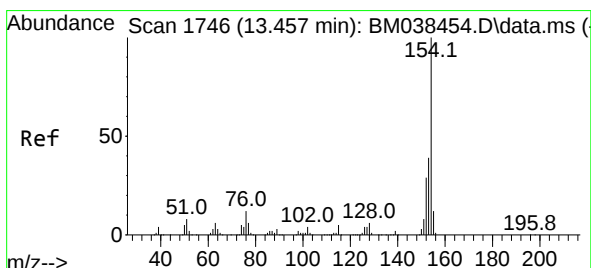
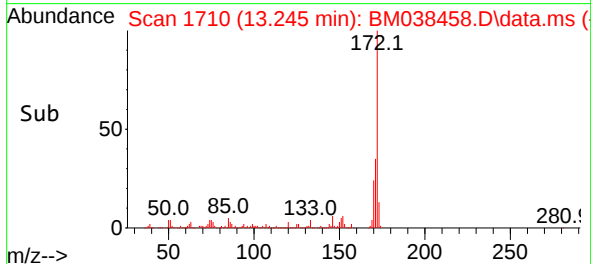
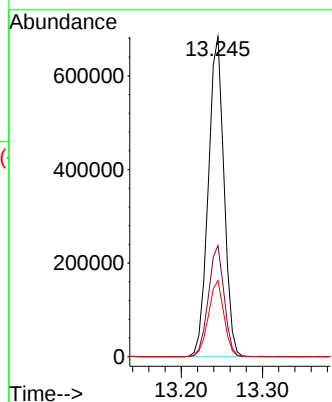
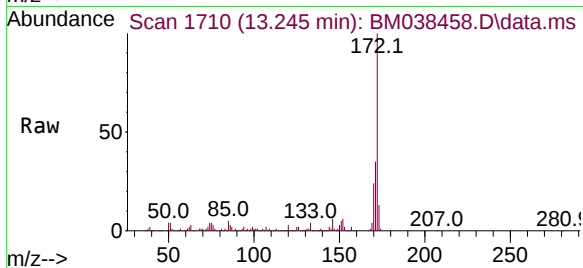
Tgt Ion:172 Resp: 919858

Ion Ratio Lower Upper

172 100

171 34.7 27.5 41.3

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 39.822 ng

RT: 13.457 min Scan# 1746

Delta R.T. 0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

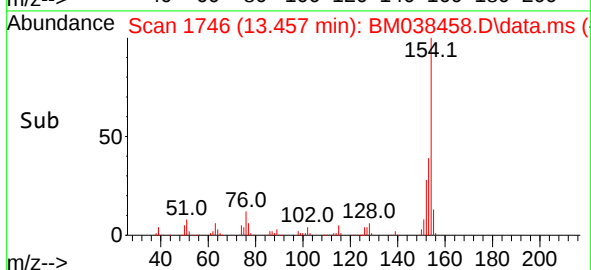
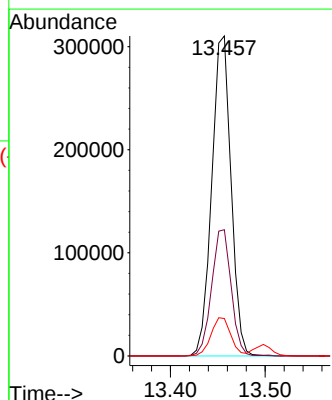
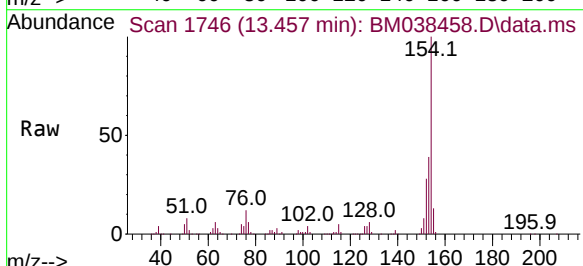
Tgt Ion:154 Resp: 438675

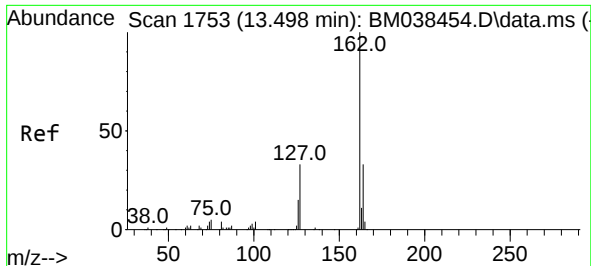
Ion Ratio Lower Upper

154 100

153 39.4 19.3 59.3

76 11.7 0.0 32.2

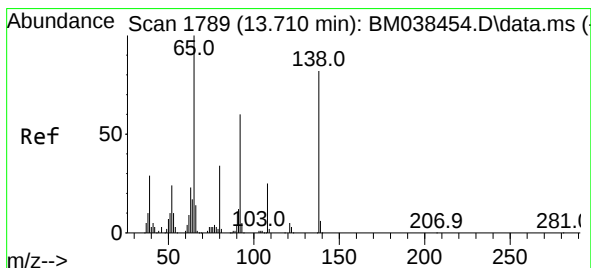
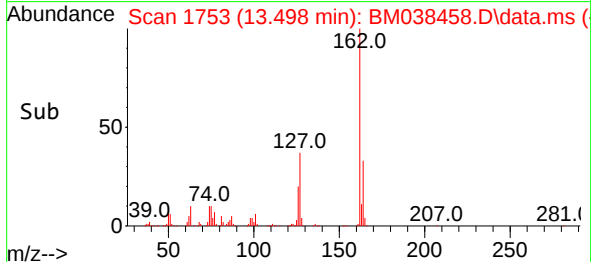
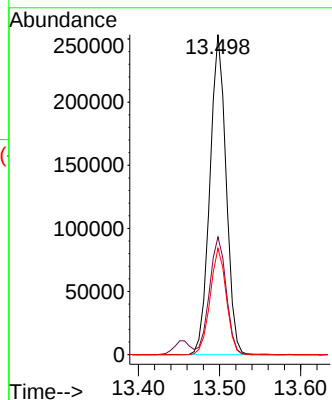
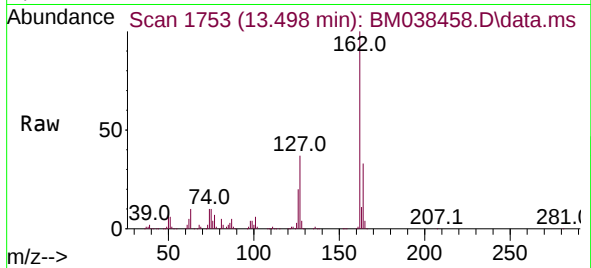




#47
2-Chloronaphthalene
Concen: 40.649 ng
RT: 13.498 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

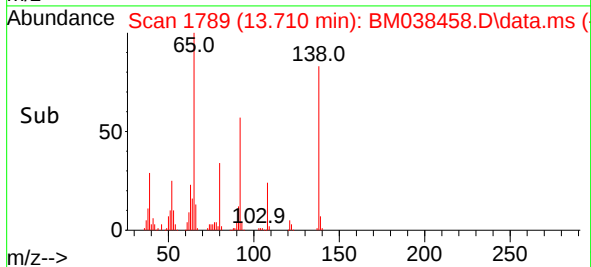
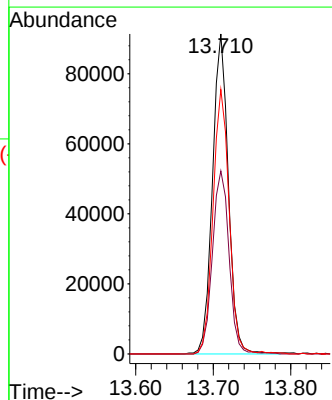
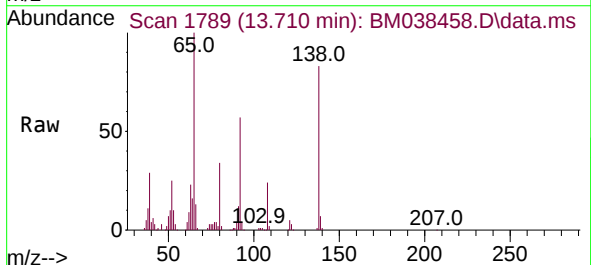
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

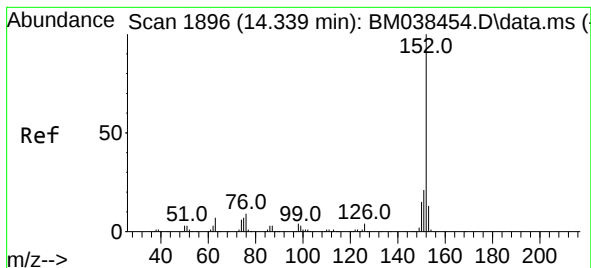
Tgt Ion:162 Resp: 352446
Ion Ratio Lower Upper
162 100
127 36.8 29.5 44.3
164 33.2 26.2 39.4



#48
2-Nitroaniline
Concen: 38.923 ng
RT: 13.710 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion: 65 Resp: 130306
Ion Ratio Lower Upper
65 100
92 57.2 47.6 71.4
138 82.7 65.8 98.8





#49

Acenaphthylene

Concen: 40.209 ng

RT: 14.339 min Scan# 1896

Delta R.T. 0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

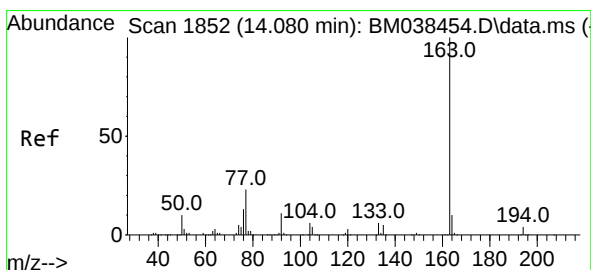
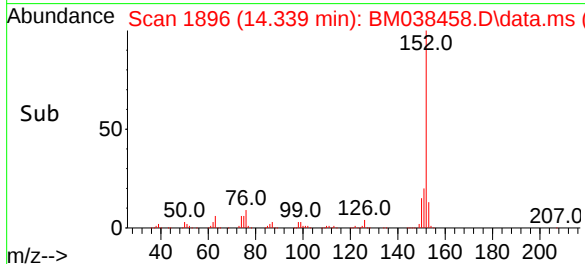
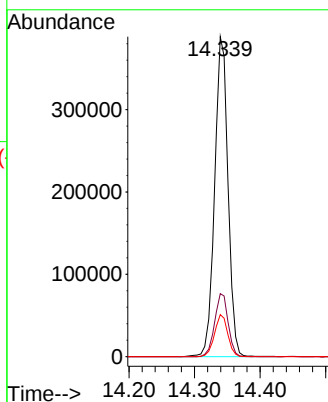
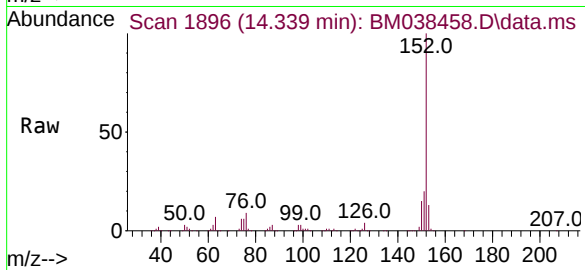
Tgt Ion:152 Resp: 549636

Ion Ratio Lower Upper

152 100

151 19.7 16.4 24.6

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 39.661 ng

RT: 14.075 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

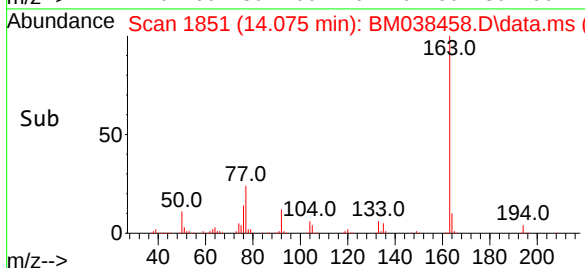
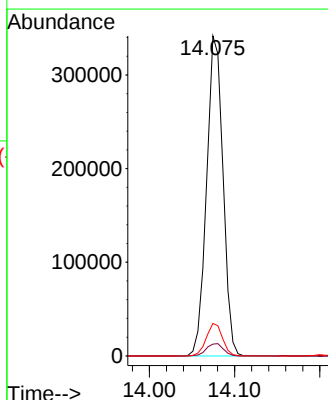
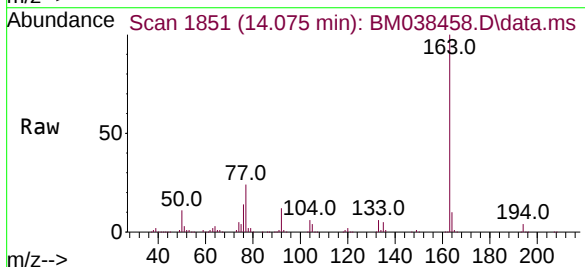
Tgt Ion:163 Resp: 456402

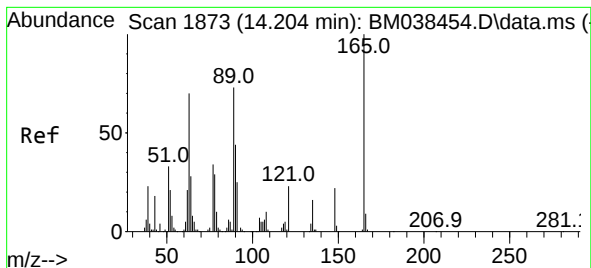
Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

164 10.1 7.8 11.8

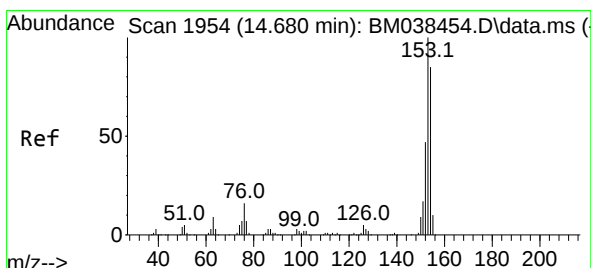
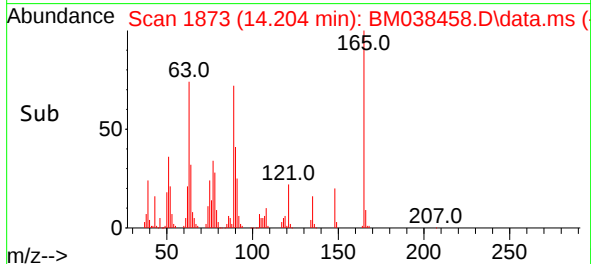
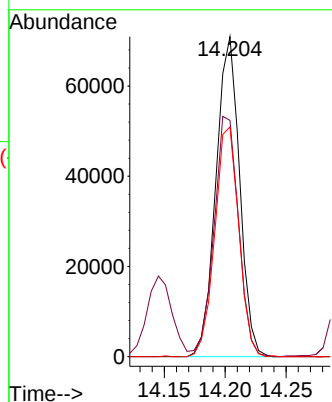
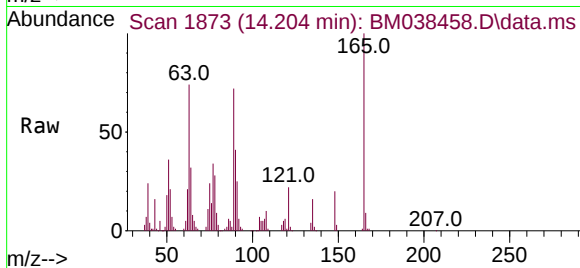




#51
2,6-Dinitrotoluene
Concen: 40.941 ng
RT: 14.204 min Scan# 1873
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

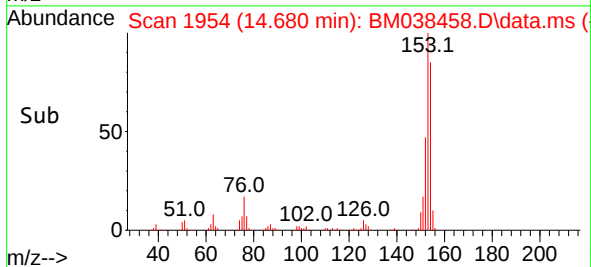
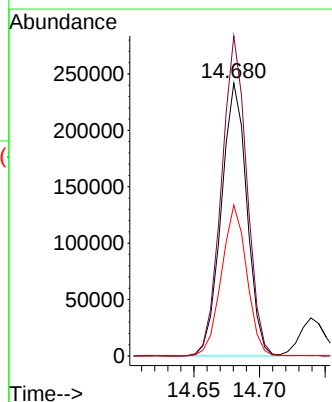
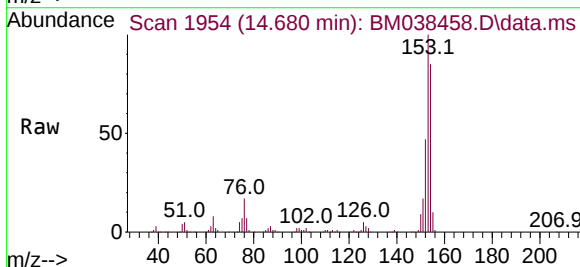
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

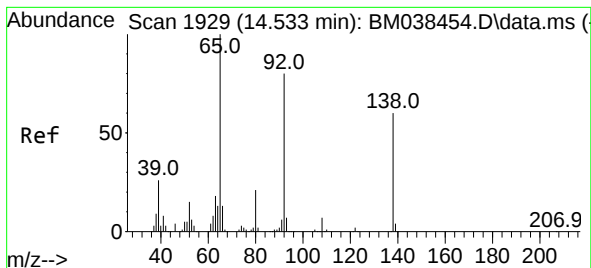
Tgt Ion:165 Resp: 95843
Ion Ratio Lower Upper
165 100
63 73.8 60.9 91.3
89 71.8 58.6 87.8



#52
Acenaphthene
Concen: 39.558 ng
RT: 14.680 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:154 Resp: 328615
Ion Ratio Lower Upper
154 100
153 117.3 93.8 140.6
152 55.3 44.2 66.4

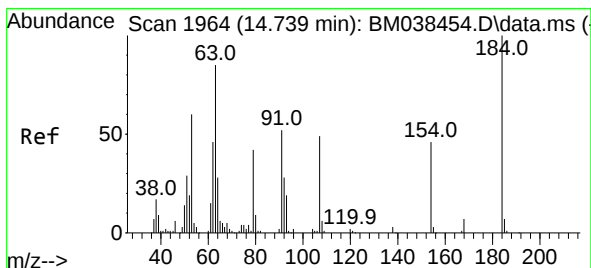
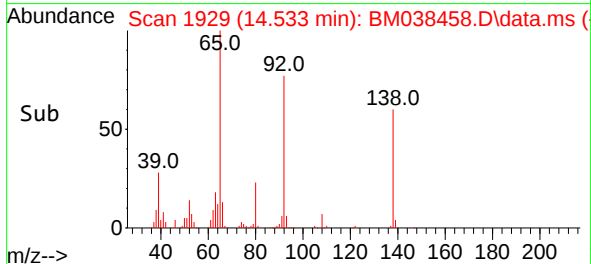
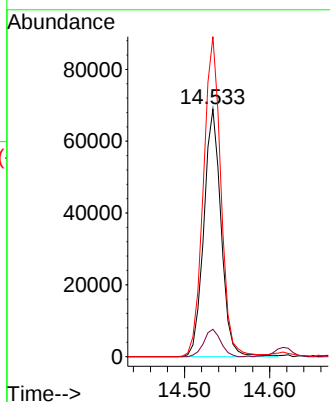
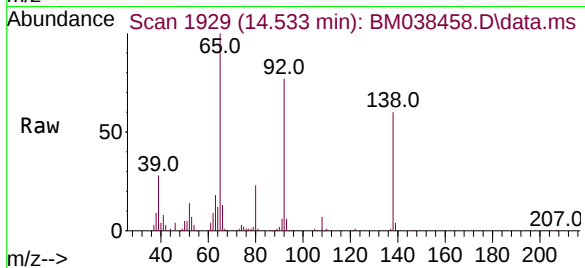




#53
3-Nitroaniline
Concen: 38.166 ng
RT: 14.533 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

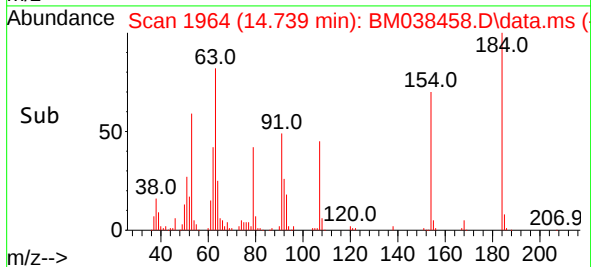
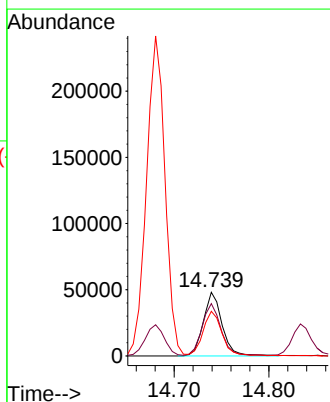
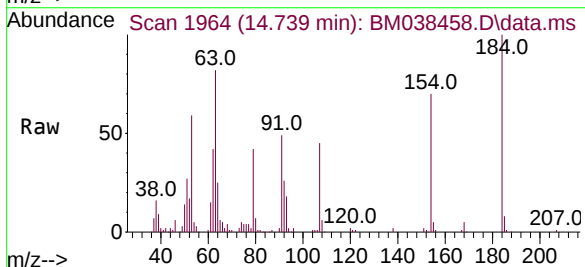
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

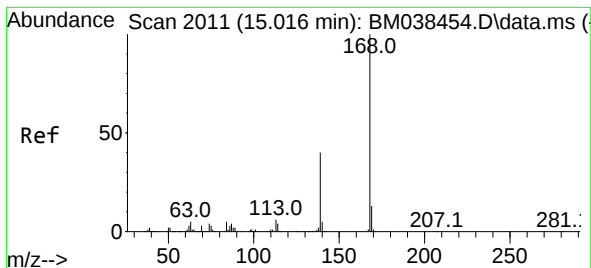
Tgt Ion:138 Resp: 96892
Ion Ratio Lower Upper
138 100
108 11.0 8.9 13.3
92 129.3 106.4 159.6



#54
2,4-Dinitrophenol
Concen: 37.994 ng
RT: 14.739 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:184 Resp: 65804
Ion Ratio Lower Upper
184 100
63 82.2 70.0 105.0
154 70.2 55.6 83.4





#55

Dibenzenofuran

Concen: 39.524 ng

RT: 15.016 min Scan# 20

Delta R.T. -0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

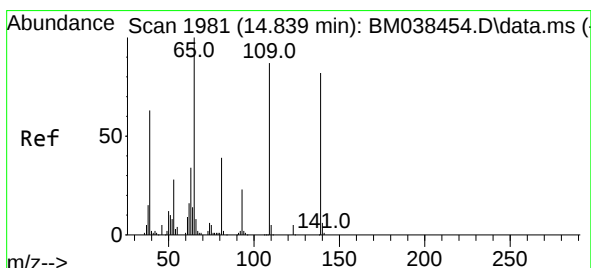
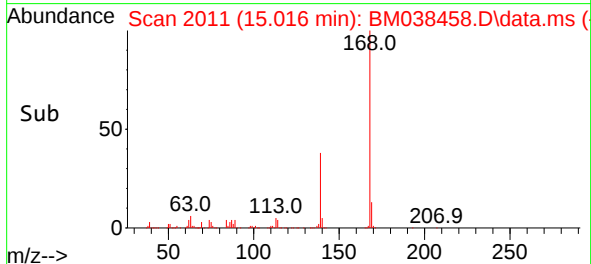
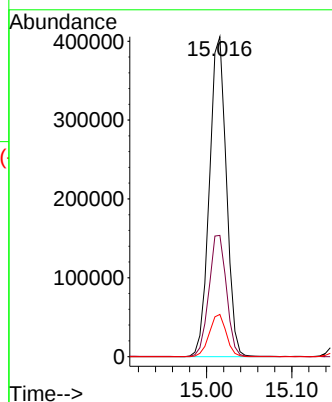
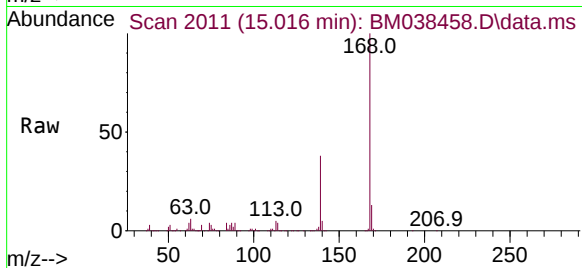
Tgt Ion:168 Resp: 559027

Ion Ratio Lower Upper

168 100

139 37.9 31.9 47.9

169 13.2 10.5 15.7



#56

4-Nitrophenol

Concen: 37.838 ng

RT: 14.833 min Scan# 1980

Delta R.T. -0.006 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

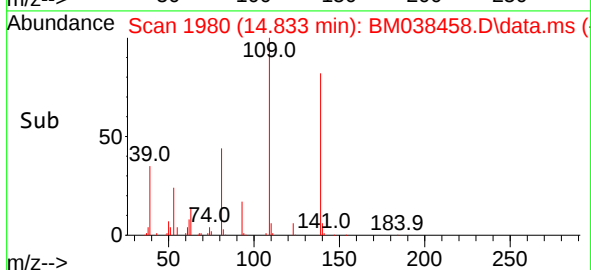
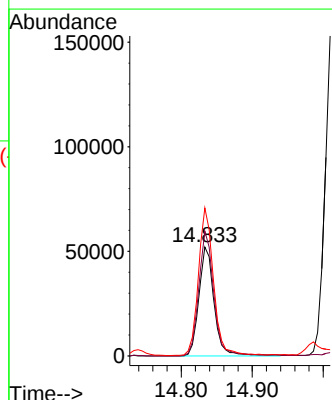
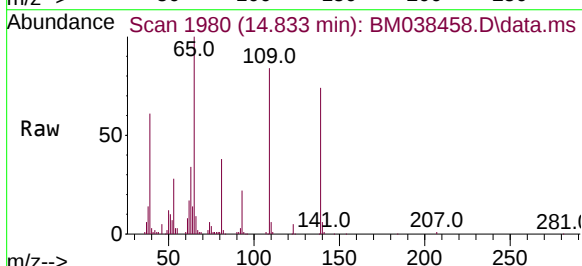
Tgt Ion:139 Resp: 76955

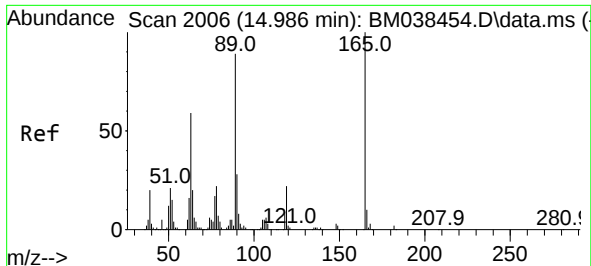
Ion Ratio Lower Upper

139 100

109 114.6 86.0 126.0

65 135.7 102.7 142.7

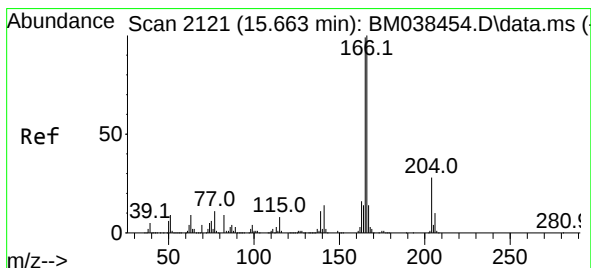
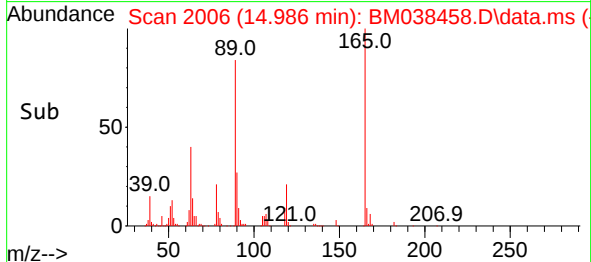
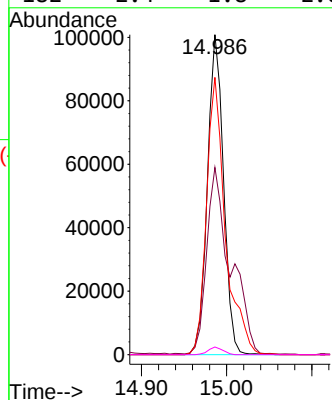
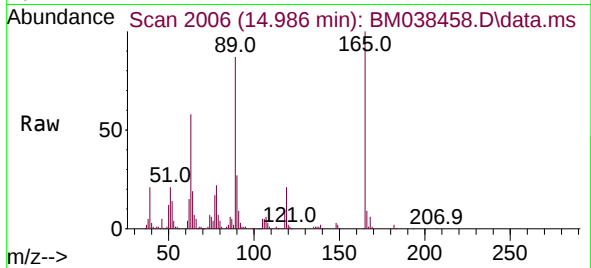




#57
2,4-Dinitrotoluene
Concen: 40.665 ng
RT: 14.986 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

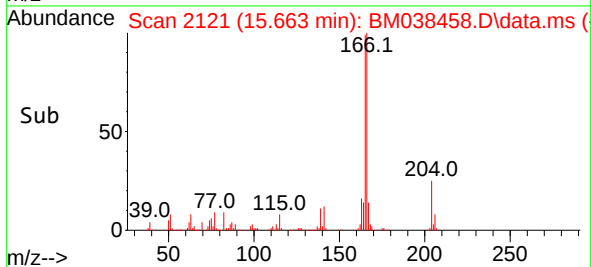
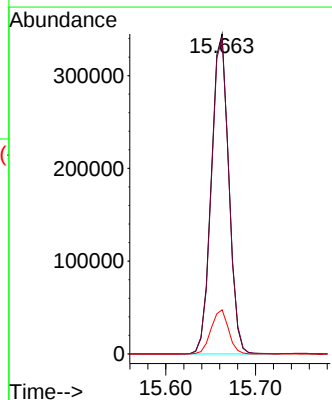
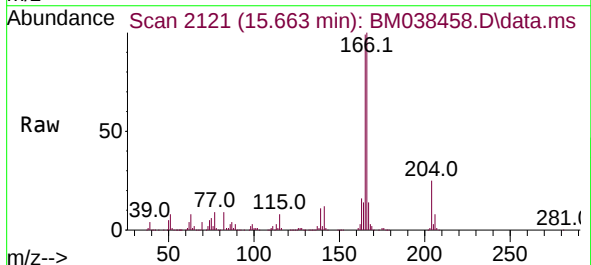
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

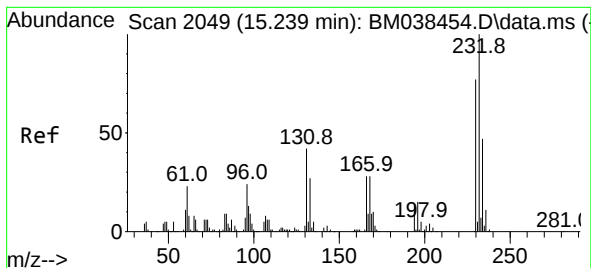
Tgt Ion:165 Resp: 132337
Ion Ratio Lower Upper
165 100
63 58.5 47.7 71.5
89 86.6 71.5 107.3
182 2.4 1.8 2.6



#58
Fluorene
Concen: 39.599 ng
RT: 15.663 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:166 Resp: 467957
Ion Ratio Lower Upper
166 100
165 98.6 79.2 118.8
167 13.8 11.0 16.4

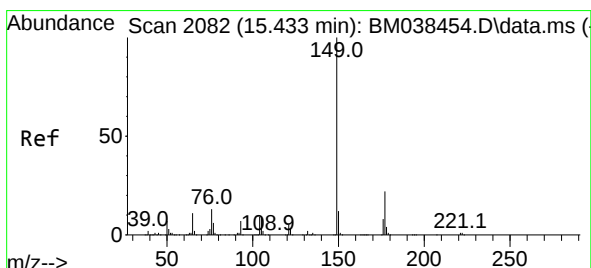
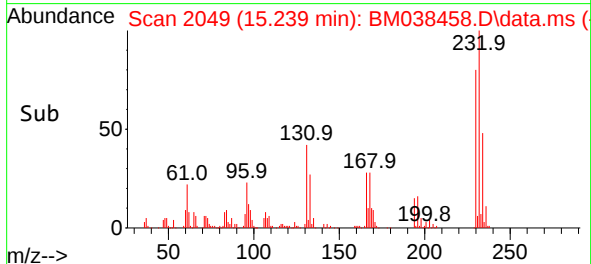
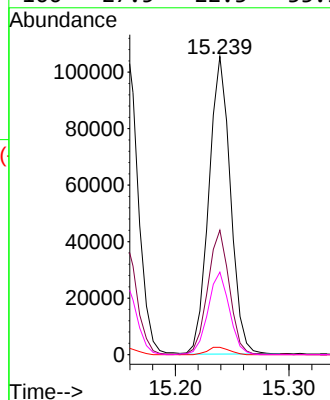
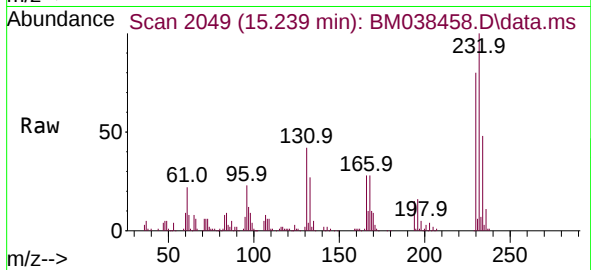




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.683 ng
RT: 15.239 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

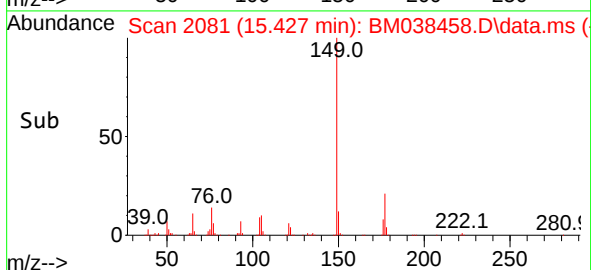
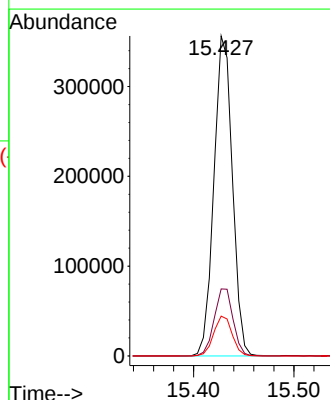
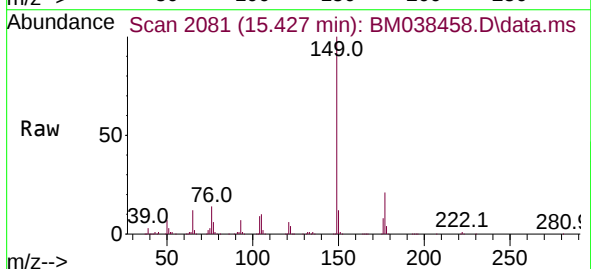
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

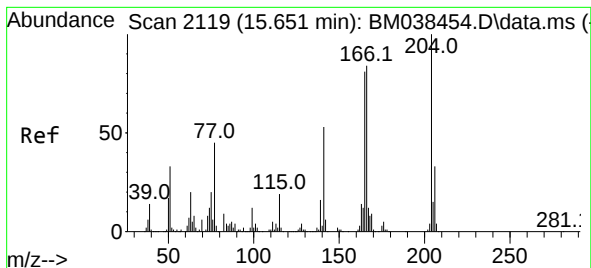
Tgt Ion:232 Resp: 139359
Ion Ratio Lower Upper
232 100
131 42.0 33.8 50.6
130 2.5 1.9 2.9
166 27.5 22.3 33.5



#60
Diethylphthalate
Concen: 38.567 ng
RT: 15.427 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:149 Resp: 455268
Ion Ratio Lower Upper
149 100
177 20.9 17.8 26.6
150 12.4 9.5 14.3

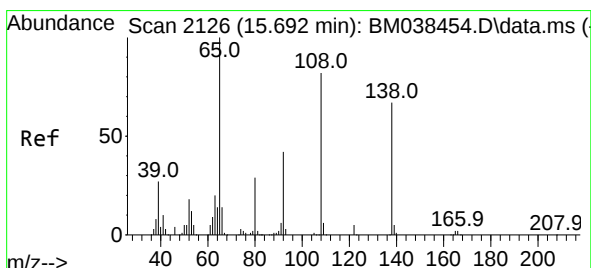
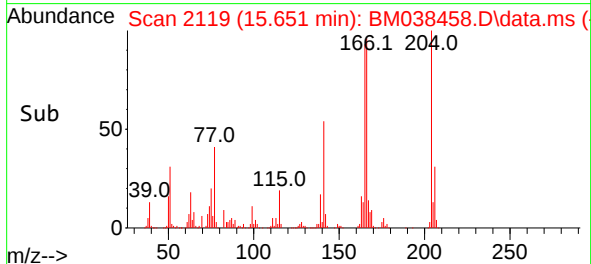
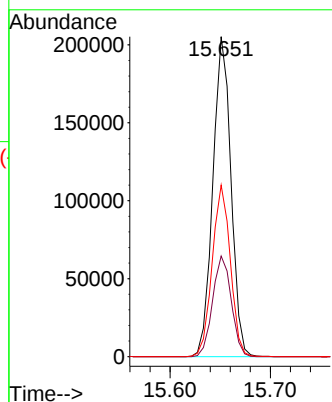
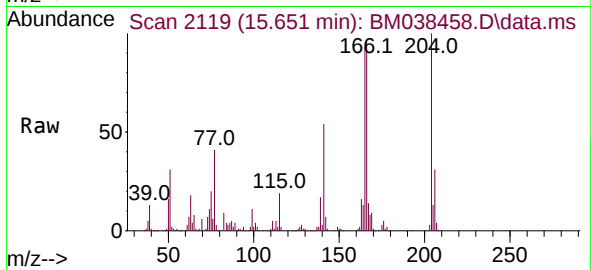




#61
4-Chlorophenyl-phenylether
Concen: 39.689 ng
RT: 15.651 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

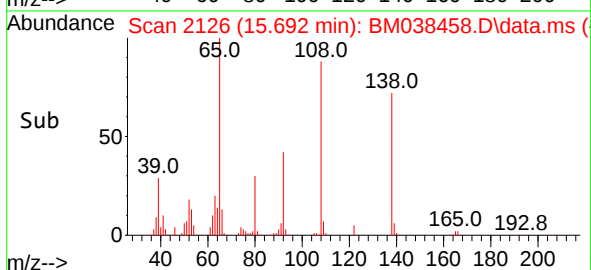
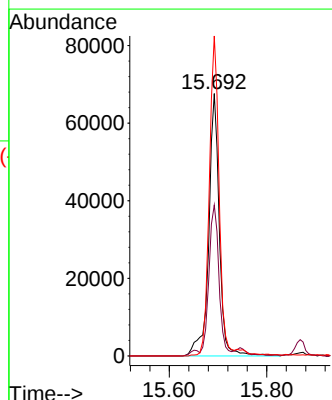
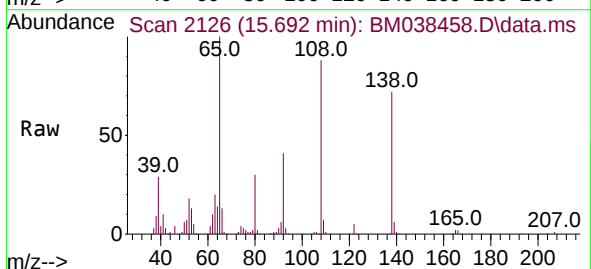
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

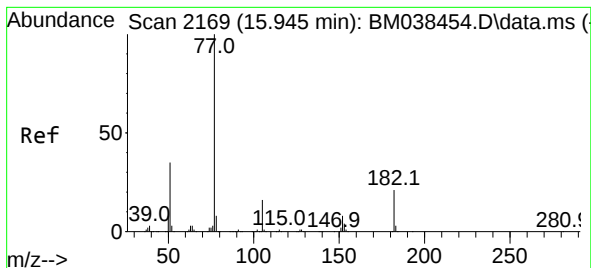
Tgt Ion:204 Resp: 257455
Ion Ratio Lower Upper
204 100
206 31.4 26.2 39.4
141 53.6 42.5 63.7



#62
4-Nitroaniline
Concen: 38.230 ng
RT: 15.692 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:138 Resp: 102788
Ion Ratio Lower Upper
138 100
92 57.5 42.1 82.1
108 122.0 102.5 142.5





#63

Azobenzene

Concen: 39.014 ng

RT: 15.945 min Scan# 2169

Delta R.T. 0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

Tgt Ion: 77 Resp: 506758

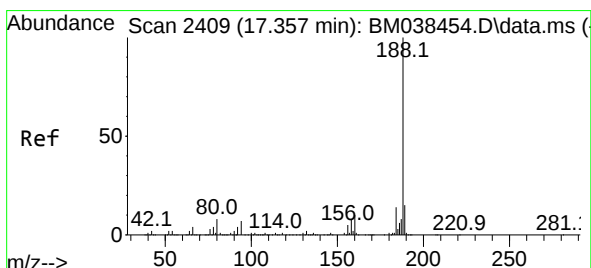
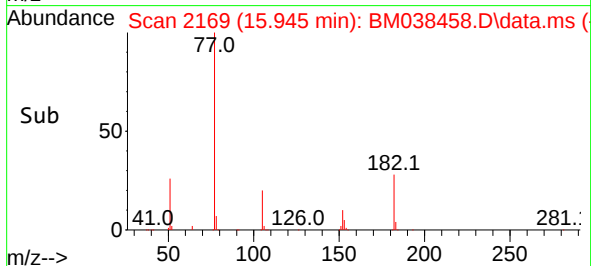
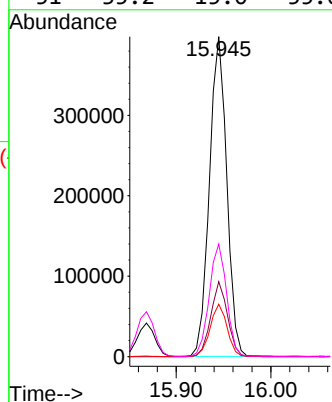
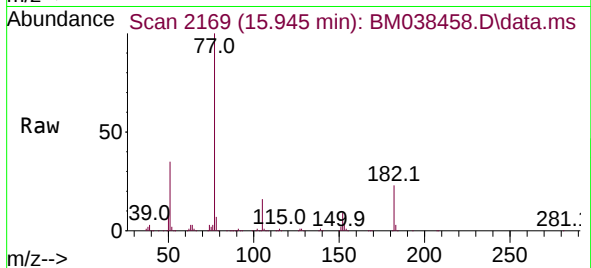
Ion Ratio Lower Upper

77 100

182 23.4 1.1 41.1

105 16.4 0.0 36.4

51 35.2 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.357 min Scan# 2409

Delta R.T. 0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

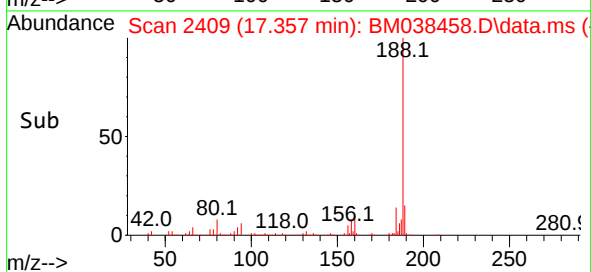
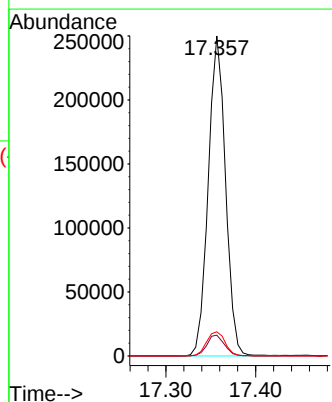
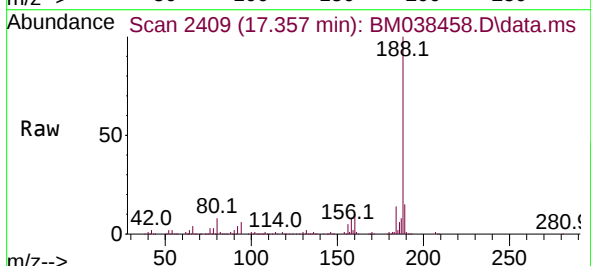
Tgt Ion: 188 Resp: 333742

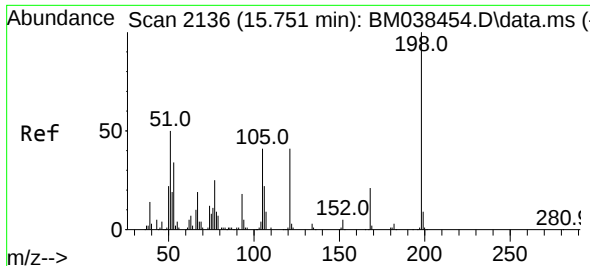
Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.0

80 7.5 6.5 9.7

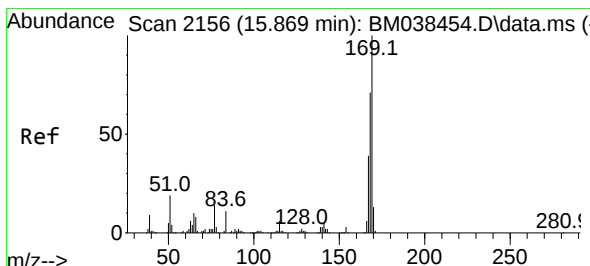
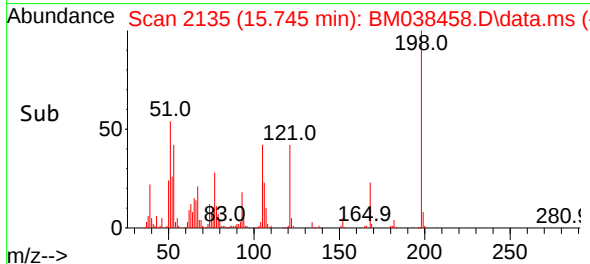
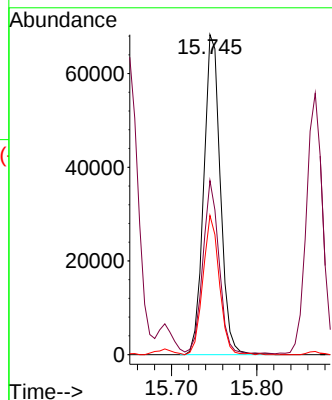
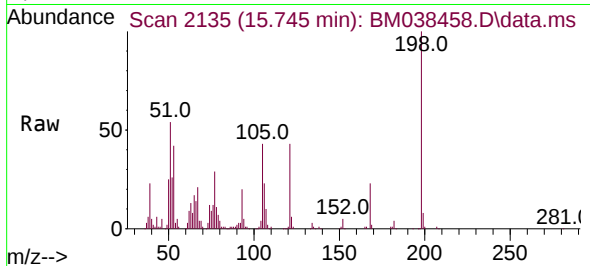




#65
4,6-Dinitro-2-methylphenol
Concen: 40.827 ng
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

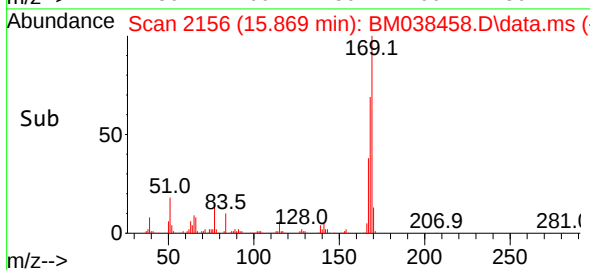
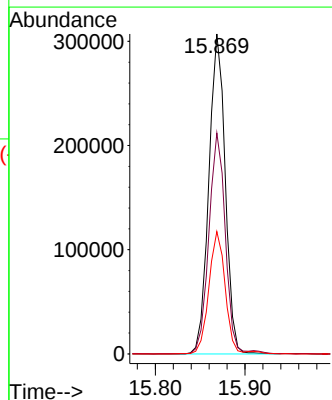
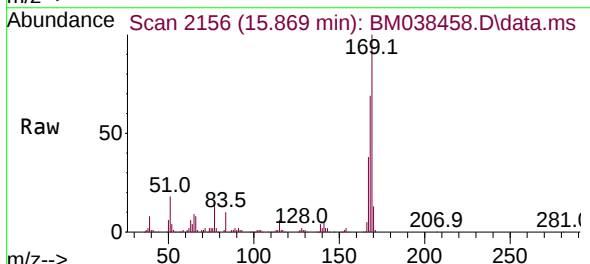
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

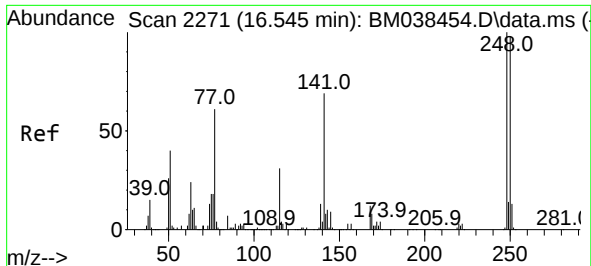
Tgt Ion:198 Resp: 92462
Ion Ratio Lower Upper
198 100
51 54.4 31.6 71.6
105 43.5 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 39.898 ng
RT: 15.869 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:169 Resp: 390707
Ion Ratio Lower Upper
169 100
168 69.0 56.6 85.0
167 38.2 31.1 46.7

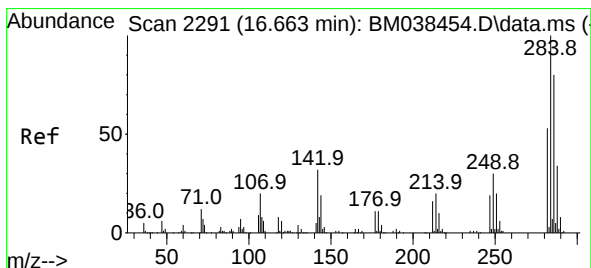
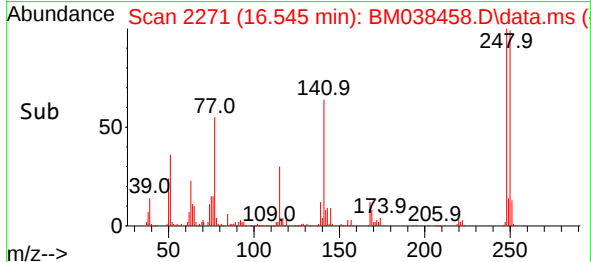
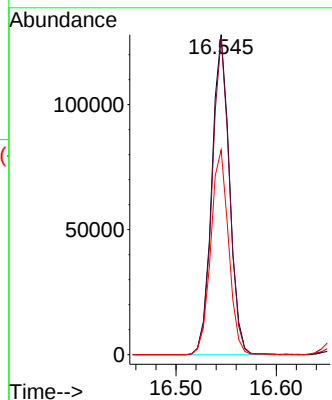
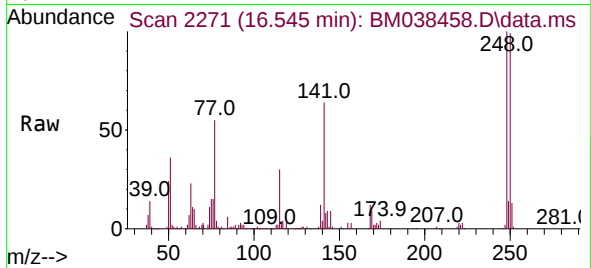




#67
4-Bromophenyl-phenylether
Concen: 40.491 ng
RT: 16.545 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

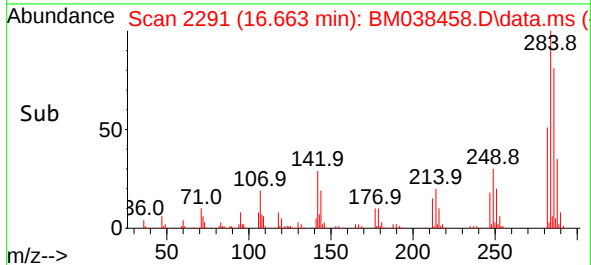
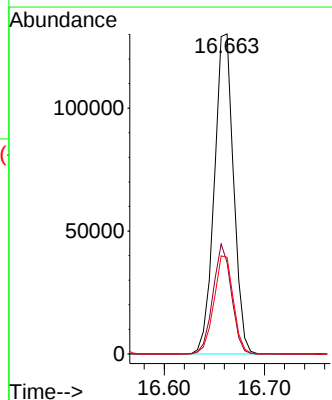
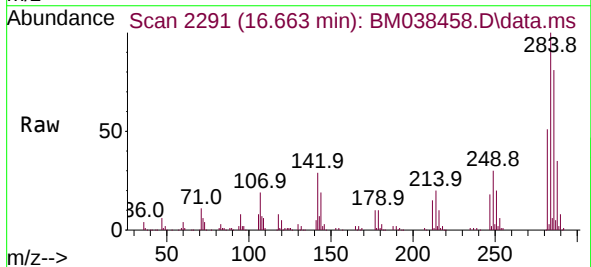
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

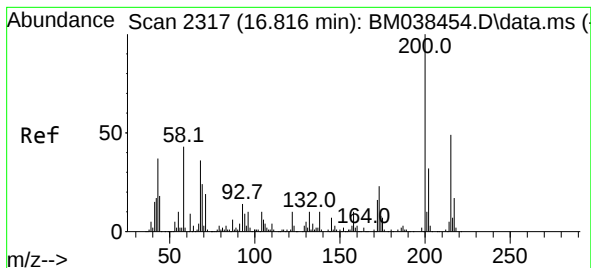
Tgt Ion:248 Resp: 156315
Ion Ratio Lower Upper
248 100
250 99.2 78.3 117.5
141 64.0 55.1 82.7



#68
Hexachlorobenzene
Concen: 40.202 ng
RT: 16.663 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:284 Resp: 173791
Ion Ratio Lower Upper
284 100
142 28.6 26.0 39.0
249 30.2 23.8 35.8





#69

Atrazine

Concen: 40.385 ng

RT: 16.816 min Scan# 2317

Delta R.T. -0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

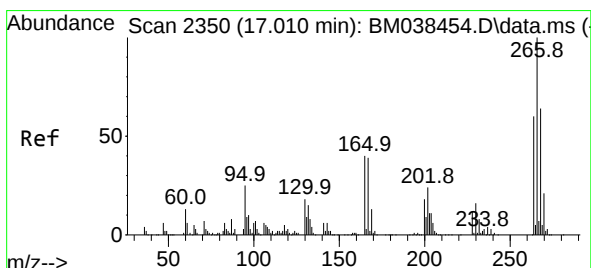
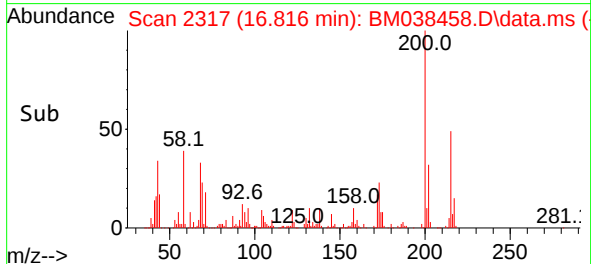
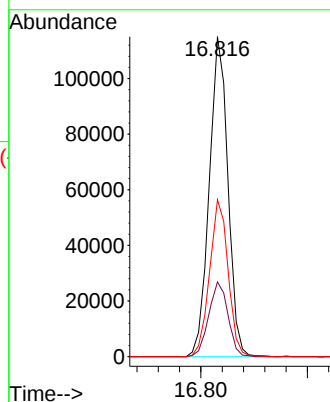
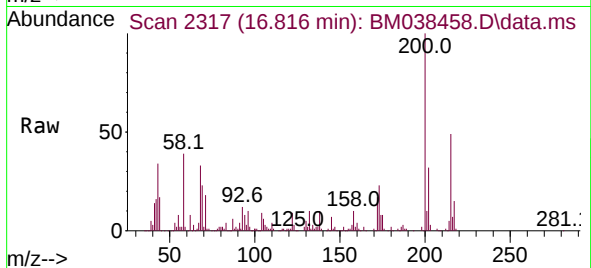
Tgt Ion:200 Resp: 139852

Ion Ratio Lower Upper

200 100

173 23.3 3.4 43.4

215 49.0 29.3 69.3



#70

Pentachlorophenol

Concen: 41.010 ng

RT: 17.004 min Scan# 2349

Delta R.T. -0.006 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

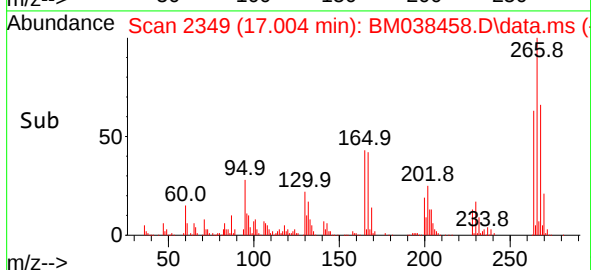
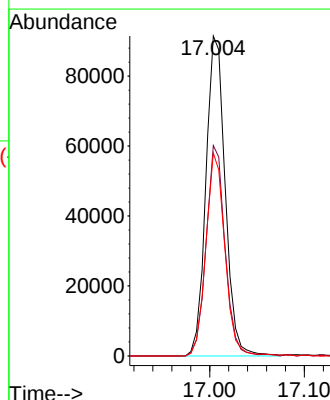
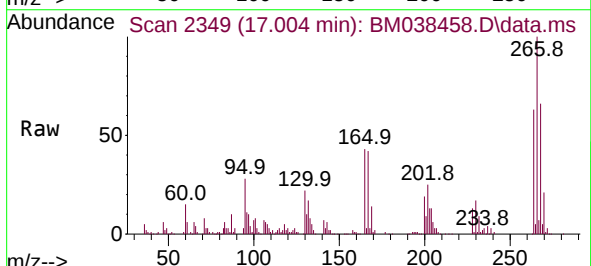
Tgt Ion:266 Resp: 129422

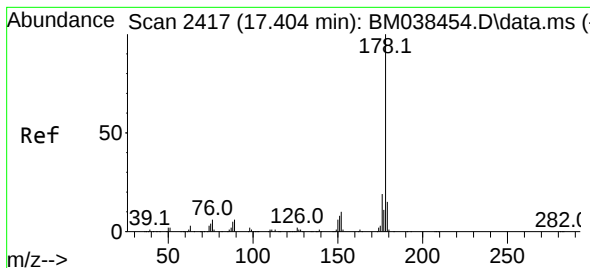
Ion Ratio Lower Upper

266 100

268 65.7 51.4 77.0

264 63.4 48.2 72.2





#71

Phenanthrene

Concen: 39.570 ng

RT: 17.398 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

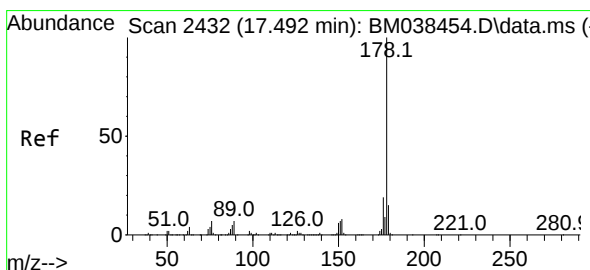
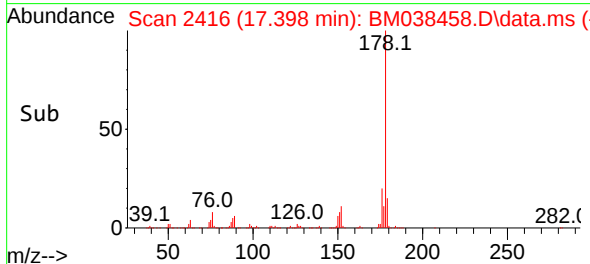
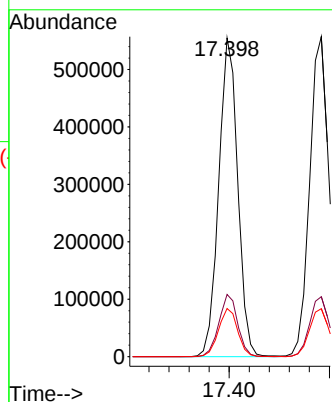
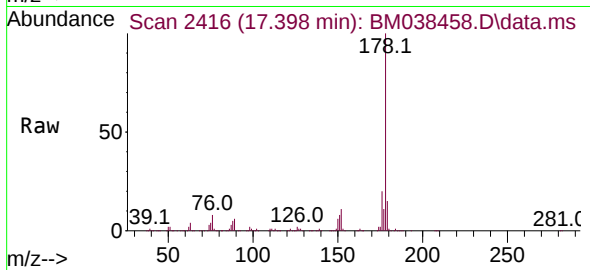
Tgt Ion:178 Resp: 730615

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.1 12.1 18.1



#72

Anthracene

Concen: 39.567 ng

RT: 17.492 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

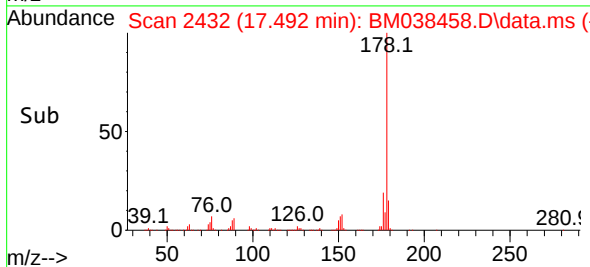
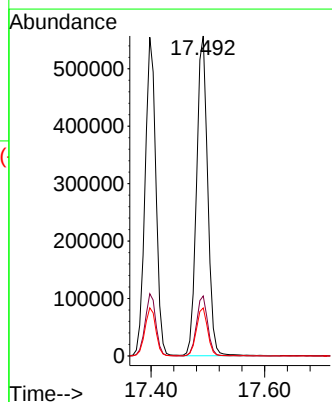
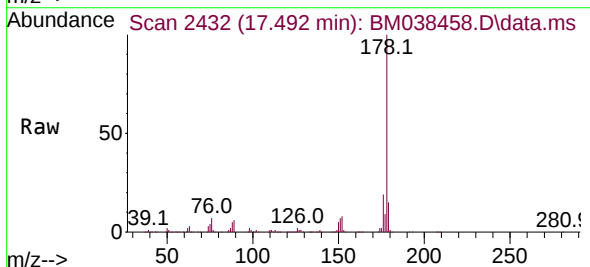
Tgt Ion:178 Resp: 750837

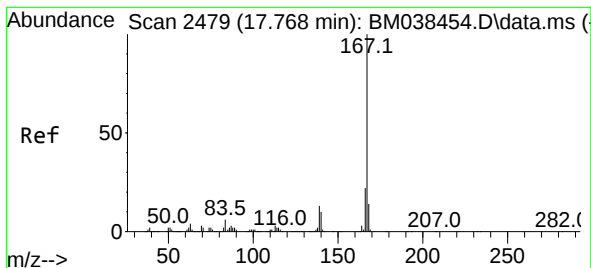
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

179 15.0 12.2 18.2





#73

Carbazole

Concen: 39.589 ng

RT: 17.762 min Scan# 2479

Delta R.T. -0.006 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

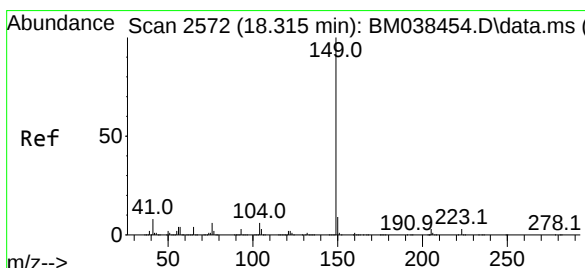
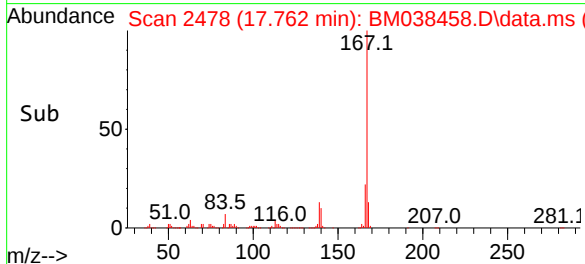
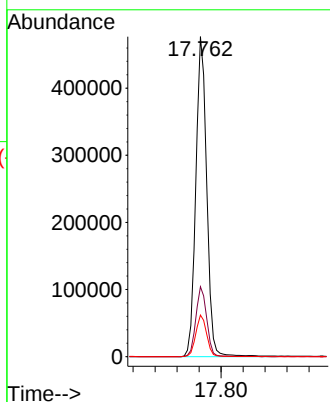
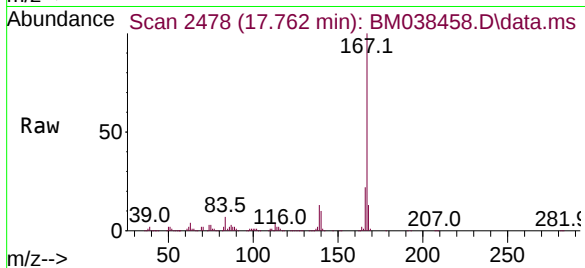
Tgt Ion:167 Resp: 656947

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

139 13.0 10.1 15.1



#74

Di-n-butylphthalate

Concen: 38.498 ng

RT: 18.315 min Scan# 2572

Delta R.T. 0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

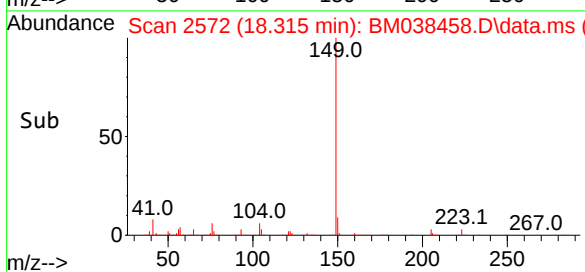
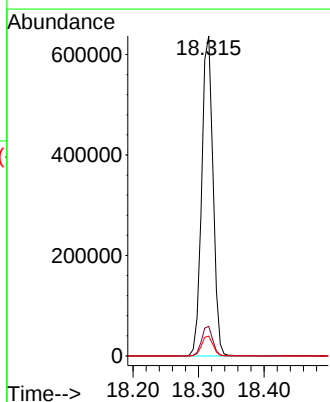
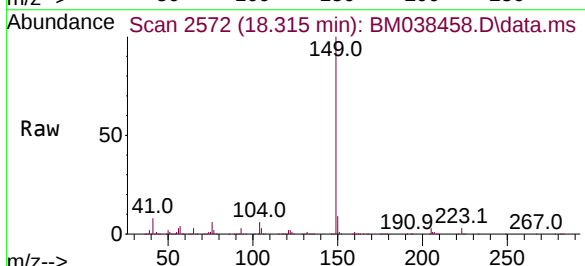
Tgt Ion:149 Resp: 758763

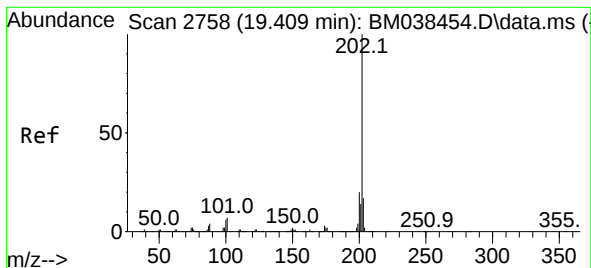
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 6.2 4.7 7.1





#75

Fluoranthene

Concen: 39.510 ng

RT: 19.409 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

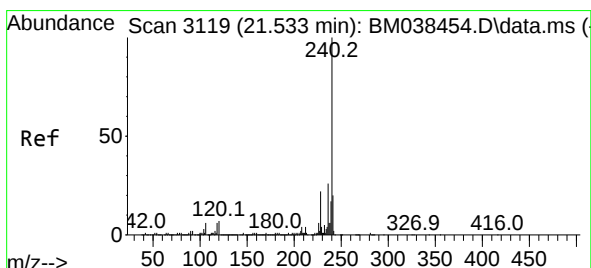
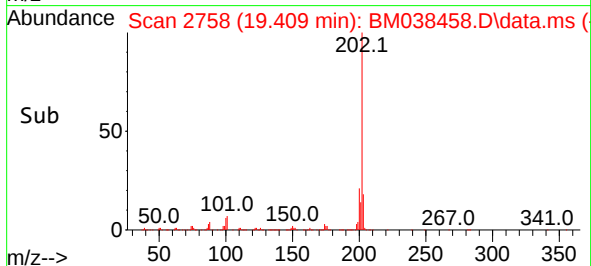
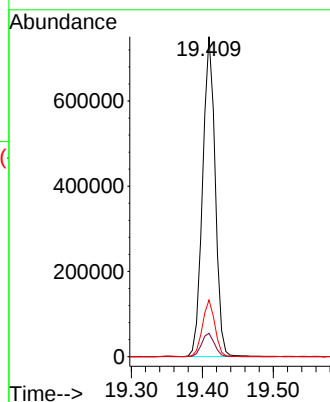
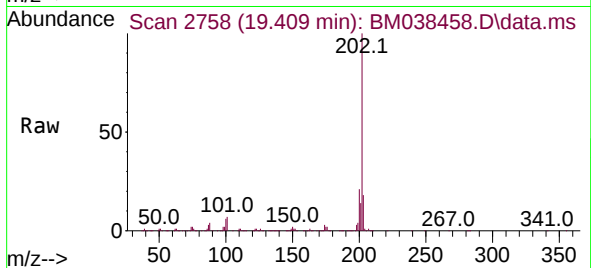
Tgt Ion:202 Resp: 917102

Ion Ratio Lower Upper

202 100

101 7.3 0.0 27.4

203 17.7 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

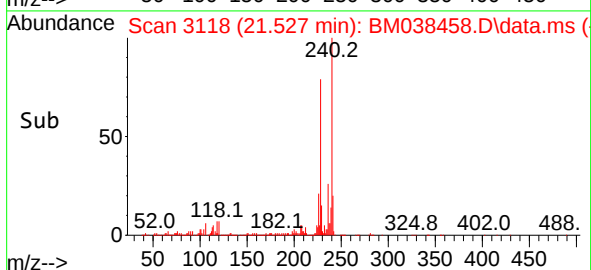
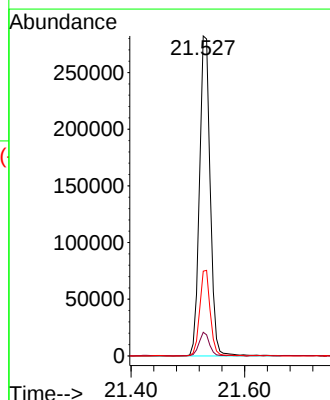
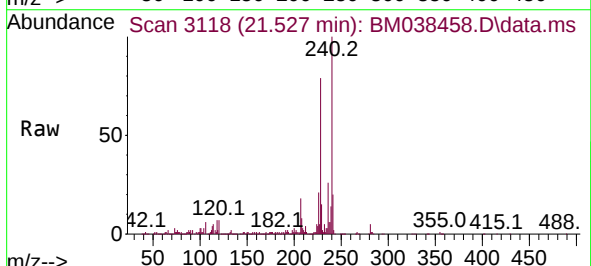
Tgt Ion:240 Resp: 368082

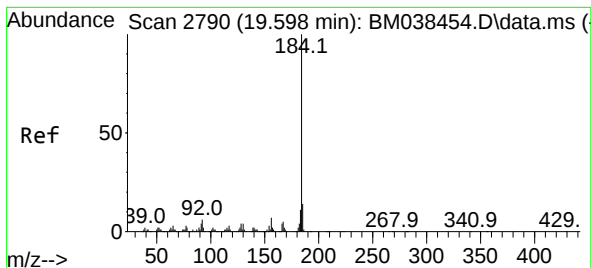
Ion Ratio Lower Upper

240 100

120 7.4 5.6 8.4

236 26.5 21.0 31.4





#77

Benzidine

Concen: 41.720 ng

RT: 19.598 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

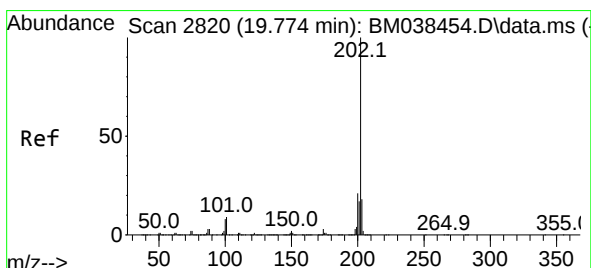
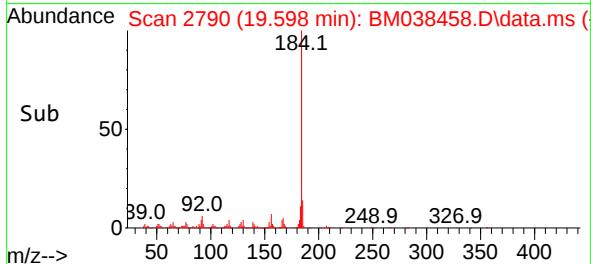
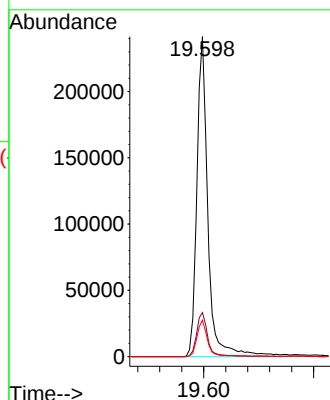
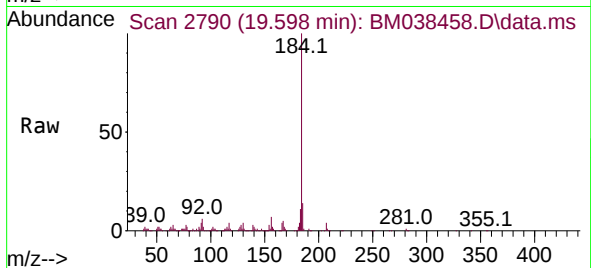
Tgt Ion:184 Resp: 336480

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

183 11.4 8.6 13.0



#78

Pyrene

Concen: 40.445 ng

RT: 19.774 min Scan# 2820

Delta R.T. -0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

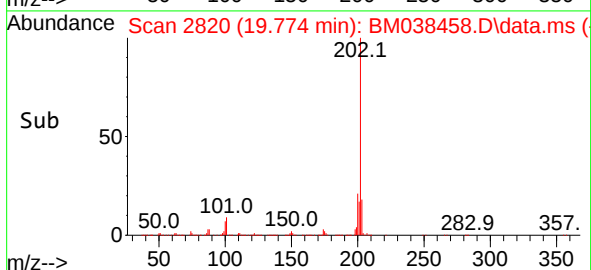
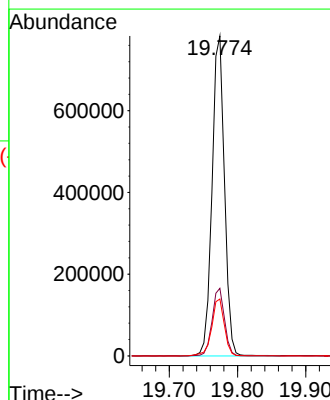
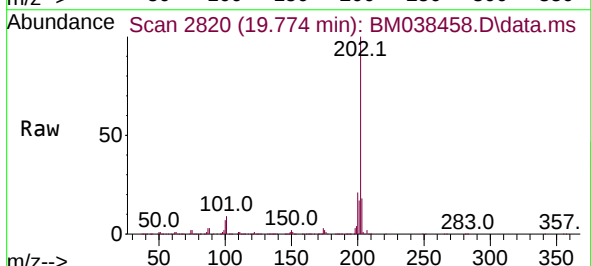
Tgt Ion:202 Resp: 990722

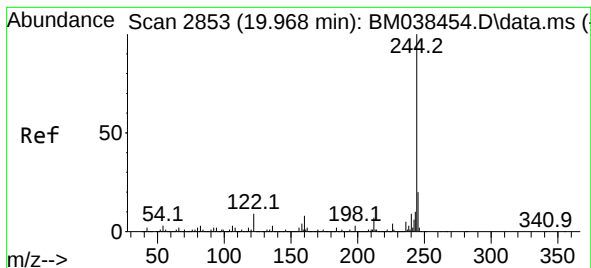
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.8 14.2 21.2





#79

Terphenyl-d14

Concen: 82.711 ng

RT: 19.968 min Scan# 2853

Delta R.T. 0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

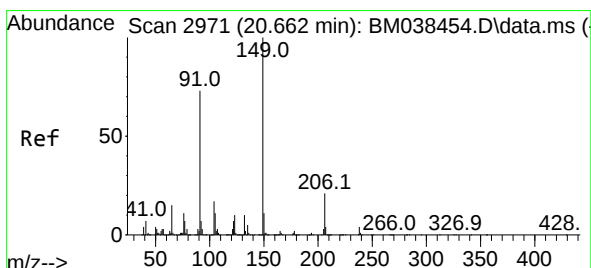
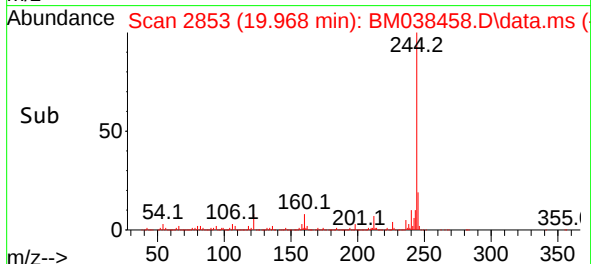
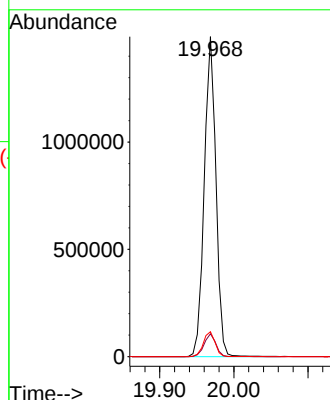
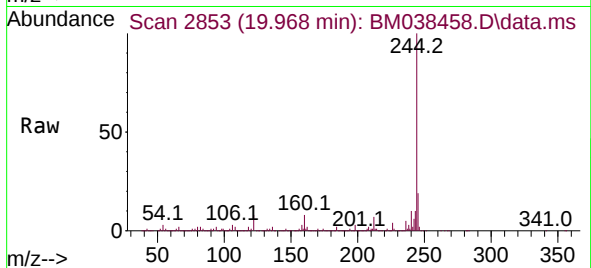
Tgt Ion:244 Resp: 1626277

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 7.8 7.1 10.7



#80

Butylbenzylphthalate

Concen: 39.293 ng

RT: 20.656 min Scan# 2970

Delta R.T. -0.006 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

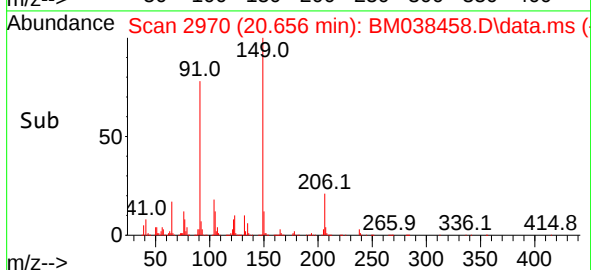
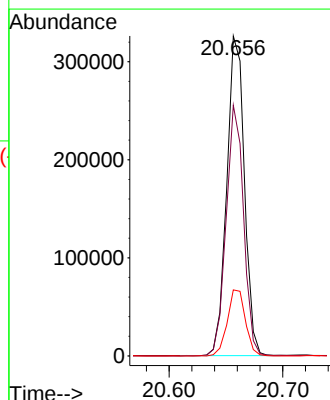
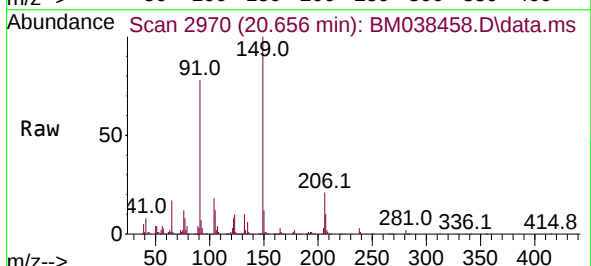
Tgt Ion:149 Resp: 351819

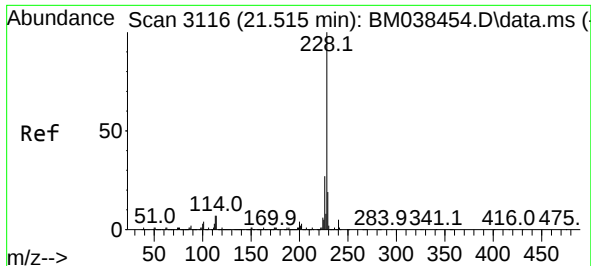
Ion Ratio Lower Upper

149 100

91 78.3 58.3 87.5

206 20.6 16.7 25.1

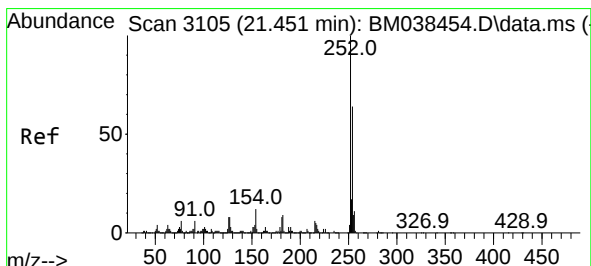
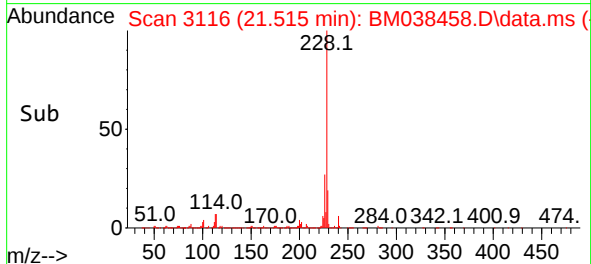
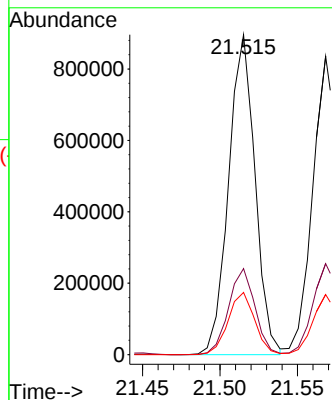
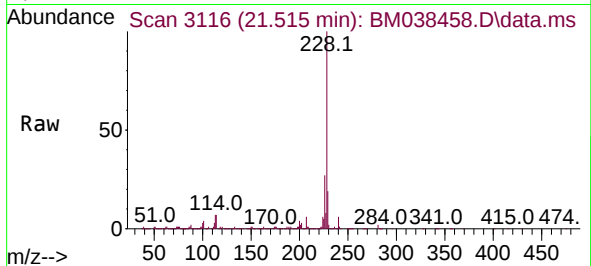




#81
Benzo(a)anthracene
Concen: 40.151 ng
RT: 21.515 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

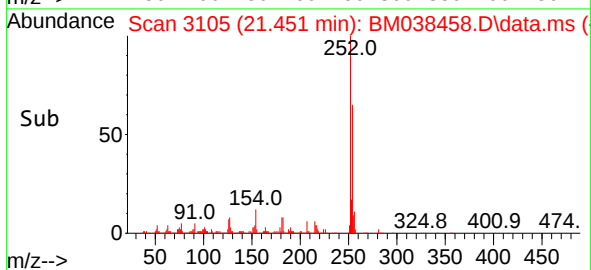
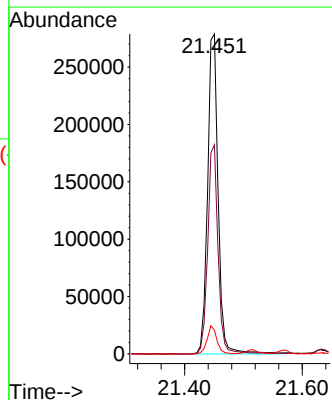
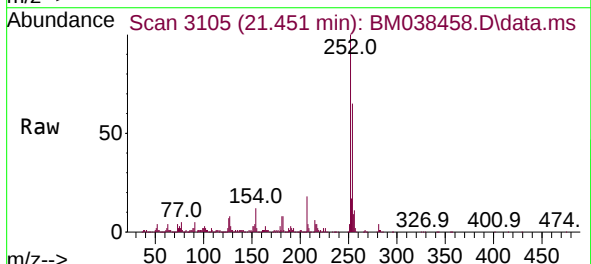
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

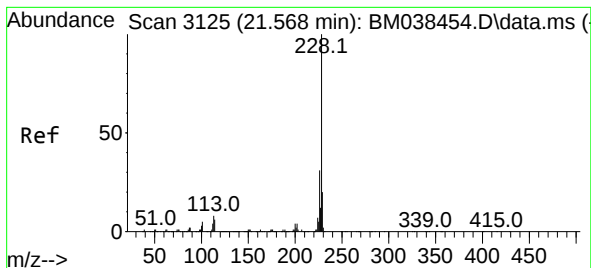
Tgt Ion:228 Resp: 1062920
Ion Ratio Lower Upper
228 100
226 26.9 22.0 33.0
229 19.4 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 40.825 ng
RT: 21.451 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:252 Resp: 348011
Ion Ratio Lower Upper
252 100
254 65.3 51.2 76.8
126 7.4 6.3 9.5





#83

Chrysene

Concen: 39.622 ng

RT: 21.568 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

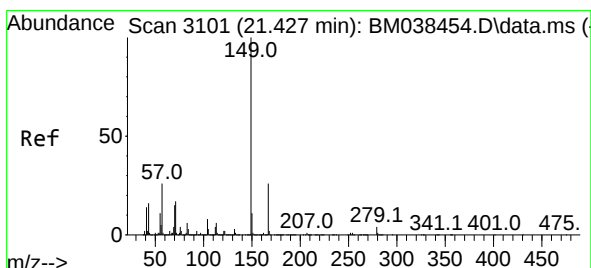
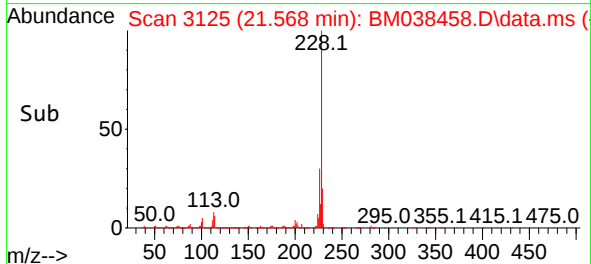
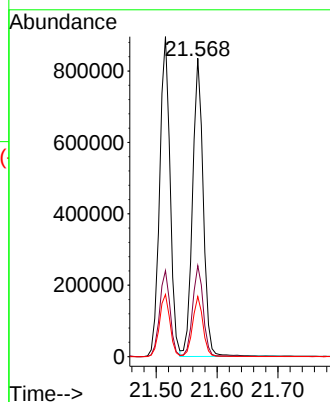
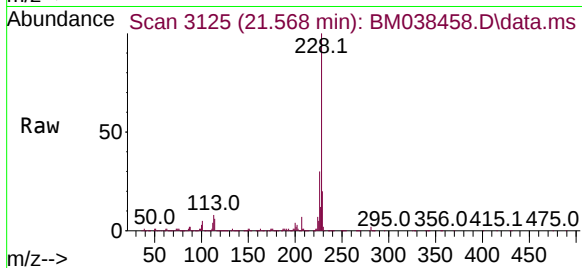
Tgt Ion:228 Resp: 1019324

Ion Ratio Lower Upper

228 100

226 30.5 24.6 36.8

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.017 ng

RT: 21.427 min Scan# 3101

Delta R.T. -0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

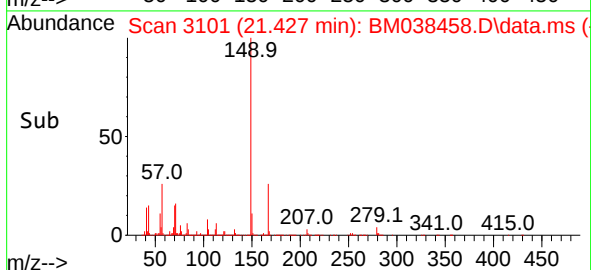
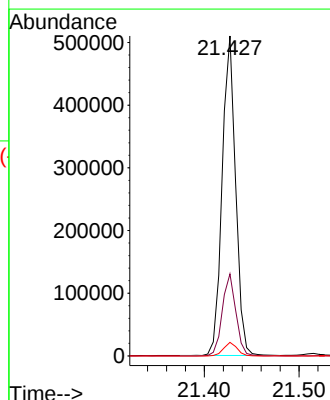
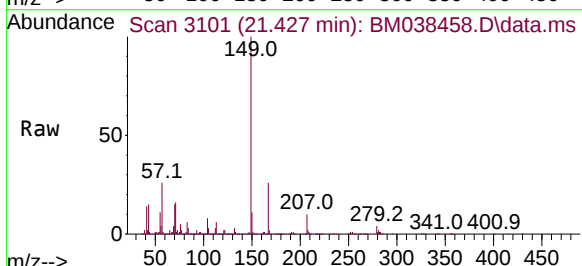
Tgt Ion:149 Resp: 502205

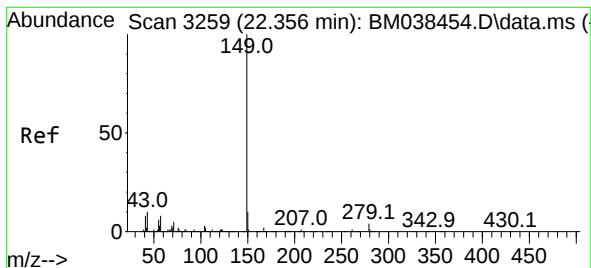
Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.4

279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 38.541 ng

RT: 22.356 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

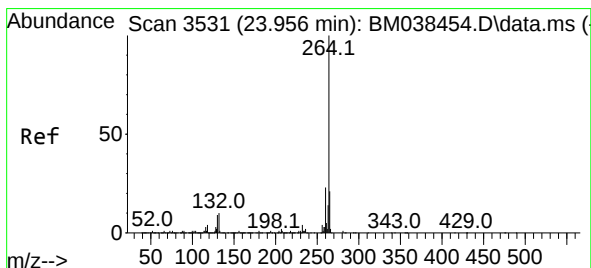
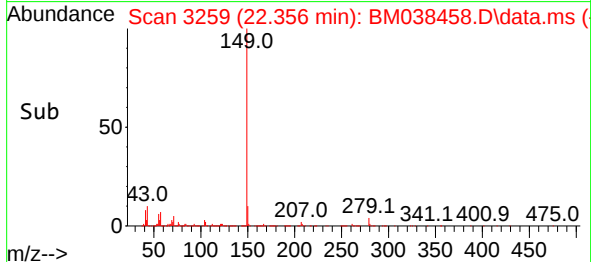
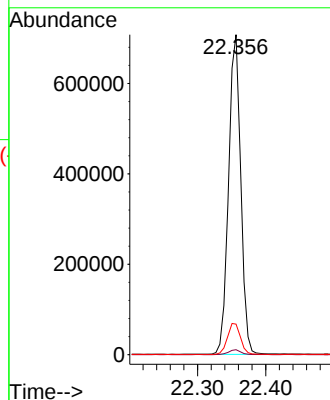
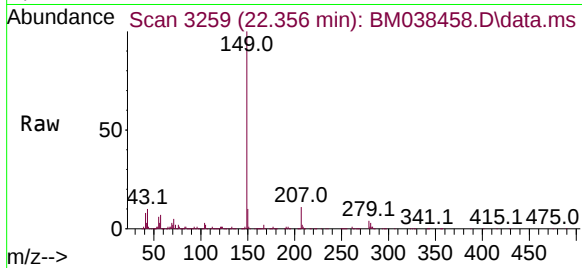
Tgt Ion:149 Resp: 872832

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.4 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.950 min Scan# 3530

Delta R.T. -0.006 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

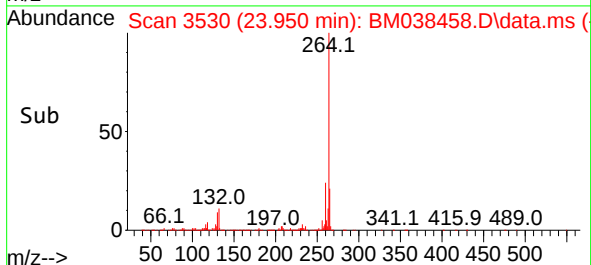
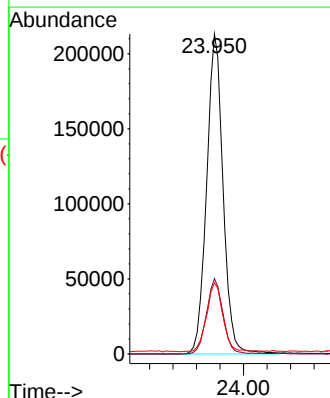
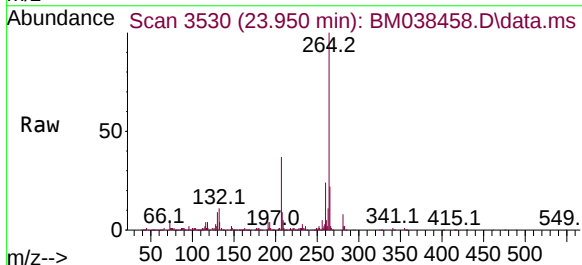
Tgt Ion:264 Resp: 413387

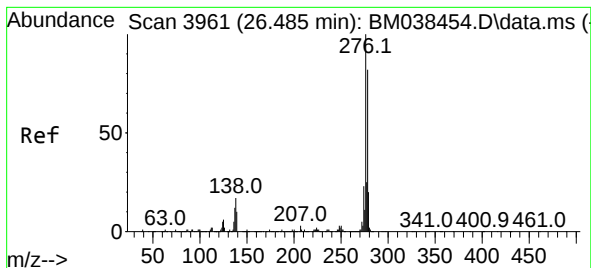
Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 22.2 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.830 ng

RT: 26.480 min Scan# 3961

Delta R.T. -0.006 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

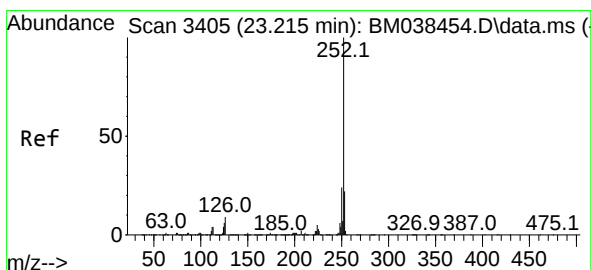
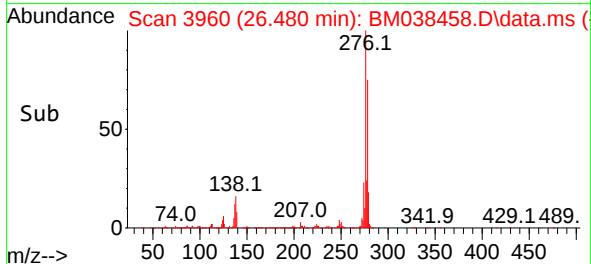
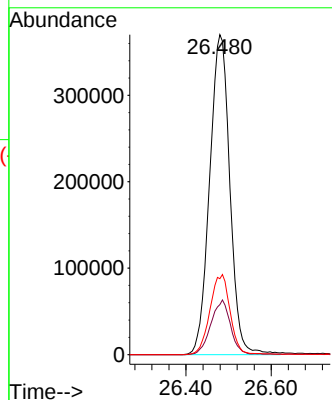
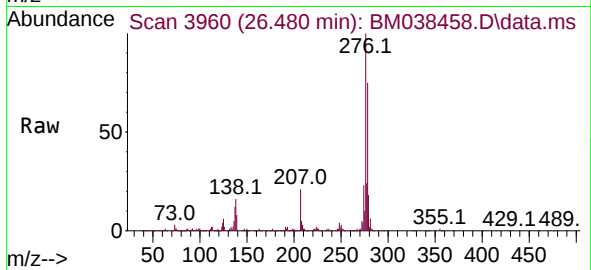
Tgt Ion:276 Resp: 1218521

Ion Ratio Lower Upper

276 100

138 16.4 13.4 20.2

277 25.1 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 39.093 ng

RT: 23.209 min Scan# 3404

Delta R.T. -0.006 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

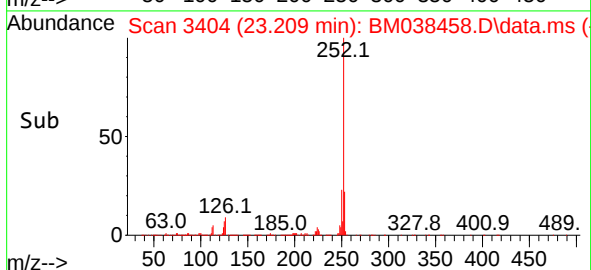
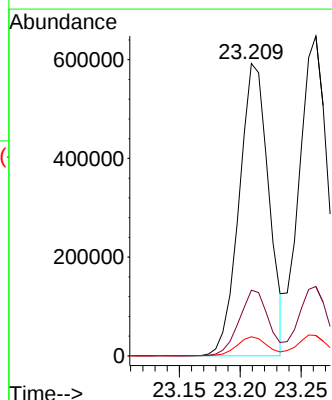
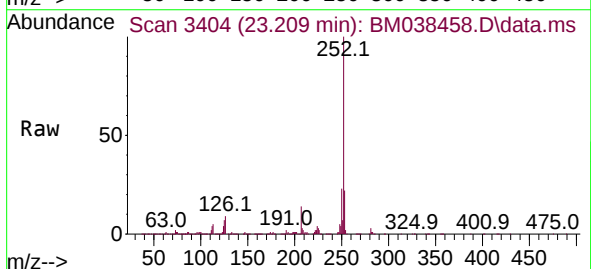
Tgt Ion:252 Resp: 1002070

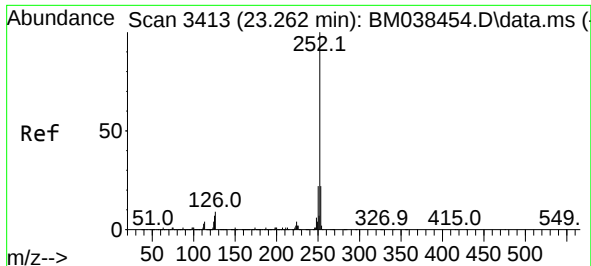
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 6.6 5.1 7.7

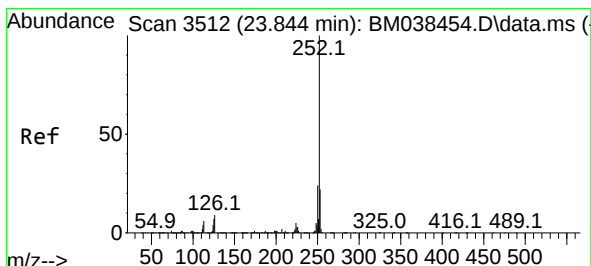
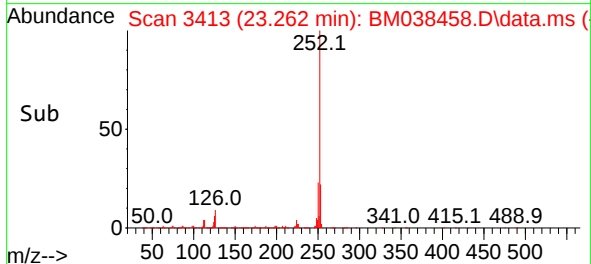
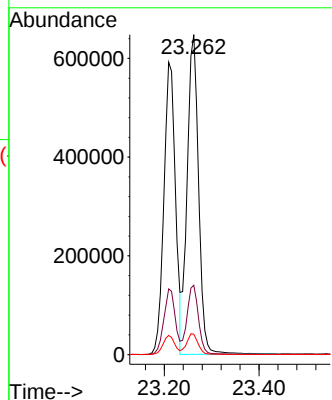
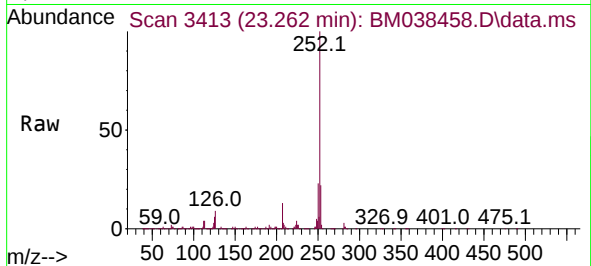




#89
Benzo(k)fluoranthene
Concen: 41.043 ng
RT: 23.262 min Scan# 3413
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

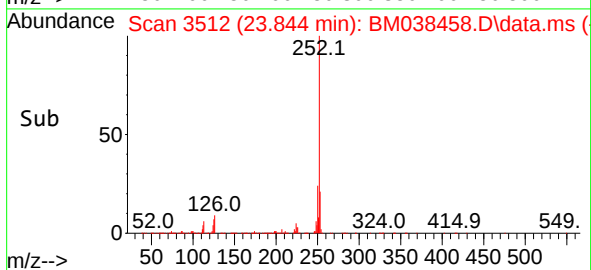
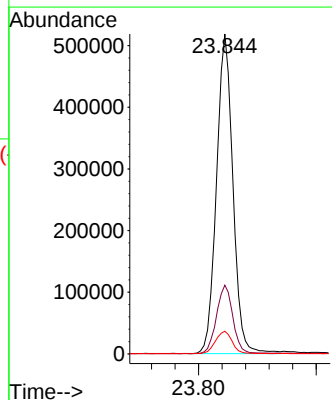
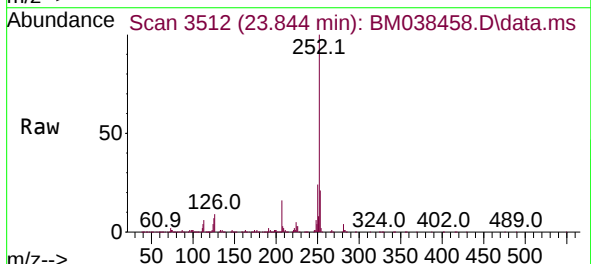
Instrument :
BNA_M
ClientSampleId :
ICVBM011623

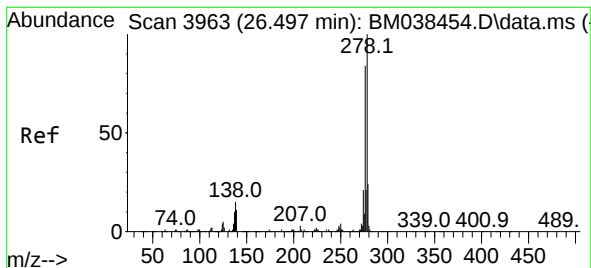
Tgt Ion:252 Resp: 1087954
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 6.4 5.5 8.3



#90
Benzo(a)pyrene
Concen: 39.971 ng
RT: 23.844 min Scan# 3512
Delta R.T. 0.000 min
Lab File: BM038458.D
Acq: 16 Jan 2023 18:44

Tgt Ion:252 Resp: 1005445
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 7.1 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 39.866 ng

RT: 26.491 min Scan# 39

Delta R.T. -0.006 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Instrument :

BNA_M

ClientSampleId :

ICVBM011623

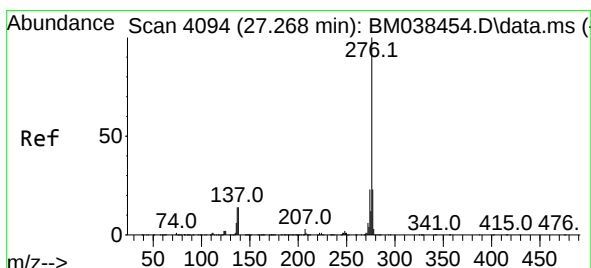
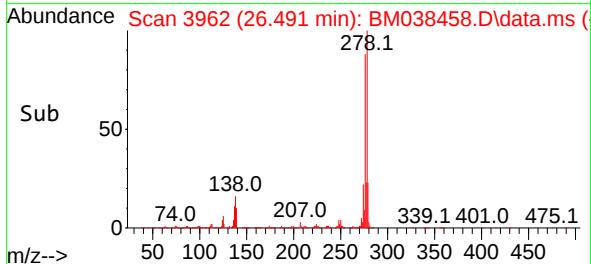
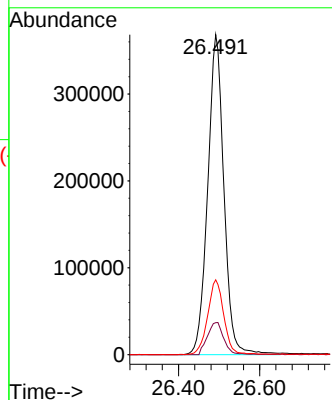
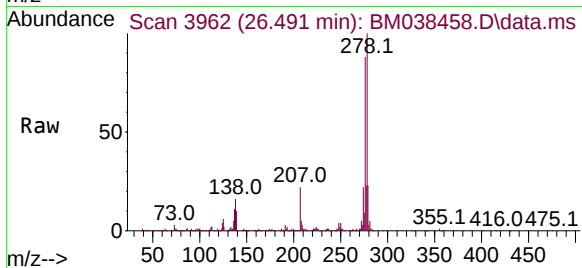
Tgt Ion:278 Resp: 1023453

Ion Ratio Lower Upper

278 100

139 10.0 8.4 12.6

279 23.4 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 39.648 ng

RT: 27.262 min Scan# 4093

Delta R.T. -0.006 min

Lab File: BM038458.D

Acq: 16 Jan 2023 18:44

Tgt Ion:276 Resp: 1009838

Ion Ratio Lower Upper

276 100

277 23.8 18.6 27.8

138 13.3 11.3 16.9

