

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039086.D
 Acq On : 22 Mar 2023 11:01
 Operator : CG/JU
 Sample : PB151573BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151573BS

Quant Time: Mar 23 04:19:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	418686	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1708121	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	973757	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1739326	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1079588	20.000	ng	0.00
86) Perylene-d12	23.962	264	1057786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	3171660	115.090	ng	0.00
7) Phenol-d6	7.134	99	4061853	113.475	ng	0.00
23) Nitrobenzene-d5	9.139	82	2376724	68.348	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1189547	105.598	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	5001695	66.867	ng	0.00
79) Terphenyl-d14	19.968	244	4803497	81.349	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	494937	40.370	ng	100
3) Pyridine	3.799	79	1290450	37.953	ng	99
4) n-Nitrosodimethylamine	3.705	42	557149	40.268	ng	93
6) Aniline	7.293	93	1899969	40.426	ng	99
8) 2-Chlorophenol	7.534	128	1550993	52.865	ng	97
9) Benzaldehyde	7.098	77	564483	33.140	ng	99
10) Phenol	7.163	94	1983366	52.177	ng	97
11) bis(2-Chloroethyl)ether	7.393	93	1475394	47.739	ng	99
12) 1,3-Dichlorobenzene	7.857	146	1520717	48.774	ng	97
13) 1,4-Dichlorobenzene	8.004	146	1547722	48.808	ng	99
14) 1,2-Dichlorobenzene	8.322	146	1486449	48.664	ng	100
15) Benzyl Alcohol	8.210	79	1306379	50.918	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.492	45	1879262	48.148	ng	99
17) 2-Methylphenol	8.416	107	1296883	49.666	ng	99
18) Hexachloroethane	9.051	117	590955	50.510	ng	97
19) n-Nitroso-di-n-propyla...	8.787	70	1138301	50.488	ng	97
20) 3+4-Methylphenols	8.745	107	1738772	49.870	ng	98
22) Acetophenone	8.798	105	2175191	45.389	ng	98
24) Nitrobenzene	9.181	77	1645953	45.034	ng	97
25) Isophorone	9.710	82	3072279	48.011	ng	99
26) 2-Nitrophenol	9.892	139	814953	50.342	ng	96
27) 2,4-Dimethylphenol	9.957	122	1438158	51.579	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	1985591	48.292	ng	99
29) 2,4-Dichlorophenol	10.428	162	1389490	52.563	ng	100
30) 1,2,4-Trichlorobenzene	10.645	180	1375649	47.622	ng	98
31) Naphthalene	10.833	128	4416732	45.346	ng	100
32) Benzoic acid	10.116	122	1075184	52.013	ng	98
33) 4-Chloroaniline	10.939	127	830777	20.014	ng	99
34) Hexachlorobutadiene	11.116	225	782500	47.237	ng	99
35) Caprolactam	11.745	113	400686	49.802	ng	99
36) 4-Chloro-3-methylphenol	12.069	107	1418017	50.376	ng	100
37) 2-Methylnaphthalene	12.439	142	3017937	46.229	ng	99
38) 1-Methylnaphthalene	12.657	142	2790466	45.612	ng	100
40) 1,2,4,5-Tetrachloroben...	12.804	216	1465021	46.279	ng	99
41) Hexachlorocyclopentadiene	12.786	237	2104205	121.095	ng	99
43) 2,4,6-Trichlorophenol	13.045	196	1034343	50.458	ng	100

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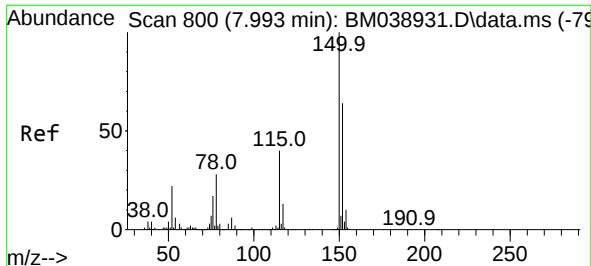
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	1101373	45.901	ng	98
46) 1,1'-Biphenyl	13.445	154	3805818	46.134	ng	99
47) 2-Chloronaphthalene	13.486	162	2951957	47.454	ng	99
48) 2-Nitroaniline	13.692	65	884327	44.567	ng	94
49) Acenaphthylene	14.333	152	4569879	46.120	ng	100
50) Dimethylphthalate	14.069	163	3417669	45.612	ng	100
51) 2,6-Dinitrotoluene	14.186	165	748247	45.236	ng	99
52) Acenaphthene	14.674	154	2713151	44.555	ng	99
53) 3-Nitroaniline	14.516	138	495620	26.327	ng	95
54) 2,4-Dinitrophenol	14.721	184	911074	94.639	ng	91
55) Dibenzofuran	15.010	168	4219155	44.277	ng	99
56) 4-Nitrophenol	14.827	139	1319884	88.694	ng	94
57) 2,4-Dinitrotoluene	14.974	165	979141	45.032	ng	96
58) Fluorene	15.657	166	3305987	44.290	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	876200	47.350	ng	98
60) Diethylphthalate	15.427	149	3336890	45.769	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	1647671	44.932	ng	99
62) 4-Nitroaniline	15.680	138	754900	38.640	ng	97
63) Azobenzene	15.939	77	3472190	45.009	ng	97
65) 4,6-Dinitro-2-methylph...	15.733	198	534094	46.861	ng	94
66) n-Nitrosodiphenylamine	15.863	169	2804537	47.829	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	949328	50.532	ng	99
68) Hexachlorobenzene	16.657	284	1063145	50.622	ng	99
69) Atrazine	16.815	200	875179	54.643	ng	99
70) Pentachlorophenol	17.004	266	1288360	83.407	ng	100
71) Phenanthrene	17.398	178	4559714	44.667	ng	100
72) Anthracene	17.486	178	4688014	46.050	ng	100
73) Carbazole	17.757	167	4078054	43.892	ng	100
74) Di-n-butylphthalate	18.321	149	5132688	45.394	ng	99
75) Fluoranthene	19.409	202	4325003	40.127	ng	99
77) Benzidine	19.592	184	1885190	73.701	ng	98
78) Pyrene	19.768	202	4481940	55.274	ng	99
80) Butylbenzylphthalate	20.668	149	1845401	53.142	ng	96
81) Benzo(a)anthracene	21.515	228	3650840	46.958	ng	100
82) 3,3'-Dichlorobenzidine	21.450	252	953272	39.895	ng	99
83) Chrysene	21.568	228	3414526	45.157	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	2622424	52.367	ng	99
85) Di-n-octyl phthalate	22.374	149	4252962	51.140	ng	98
87) Indeno(1,2,3-cd)pyrene	26.491	276	3769123	46.827	ng	99
88) Benzo(b)fluoranthene	23.221	252	3282880	48.579	ng	100
89) Benzo(k)fluoranthene	23.274	252	3311140	47.081	ng	99
90) Benzo(a)pyrene	23.856	252	2877804	44.247	ng	100
91) Dibenzo(a,h)anthracene	26.515	278	3176693	46.603	ng	99
92) Benzo(g,h,i)perylene	27.279	276	3104482	46.551	ng	99

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

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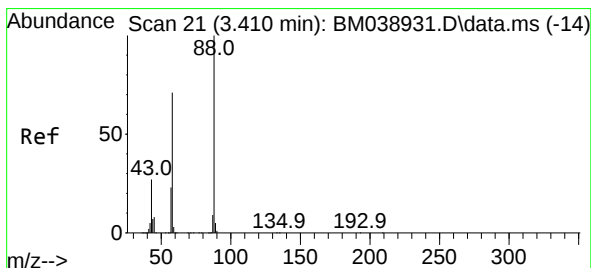
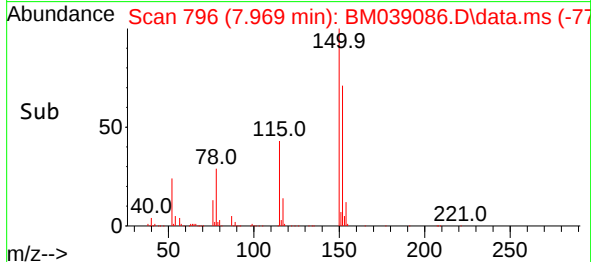
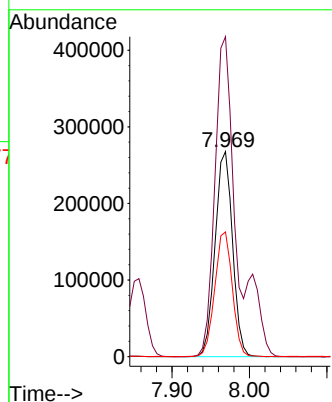
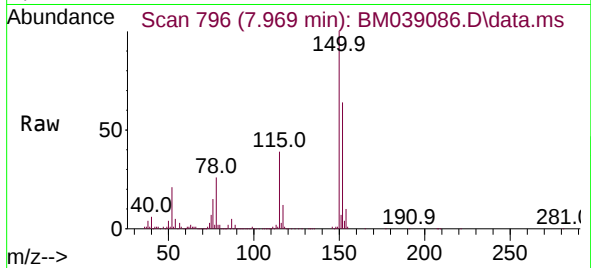




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.969 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BM039086.D
 Acq: 22 Mar 2023 11:01

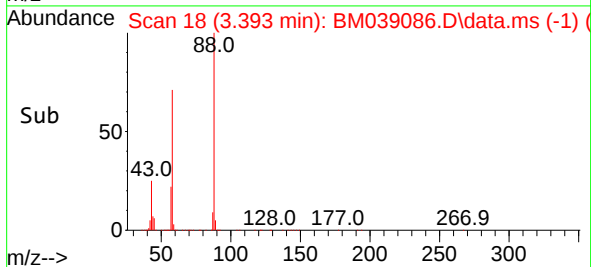
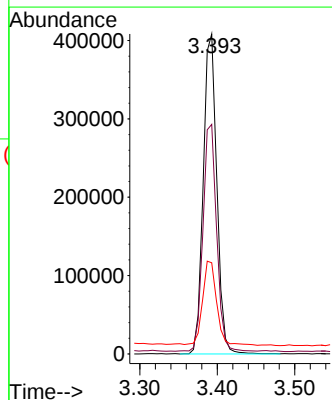
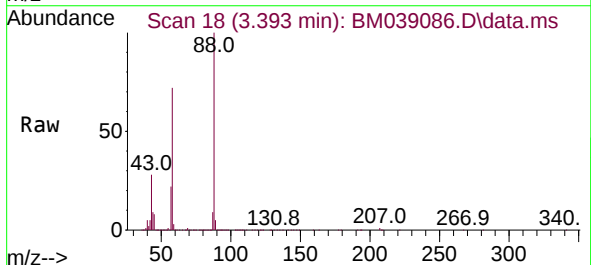
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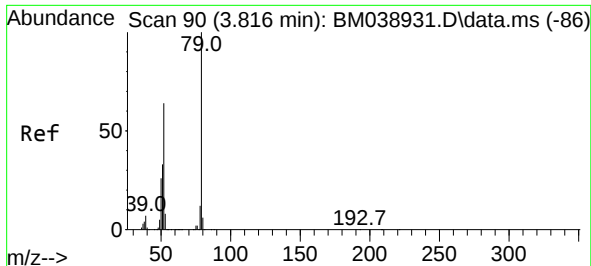
Tgt Ion:152 Resp: 418686
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.1 187.7
 115 60.8 49.6 74.4



#2
 1,4-Dioxane
 Concen: 40.370 ng
 RT: 3.393 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BM039086.D
 Acq: 22 Mar 2023 11:01

Tgt Ion: 88 Resp: 494937
 Ion Ratio Lower Upper
 88 100
 58 71.5 57.2 85.8
 43 27.3 22.0 33.0

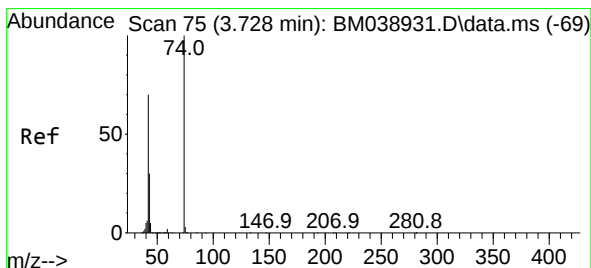
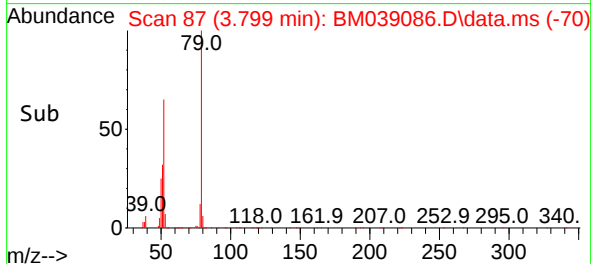
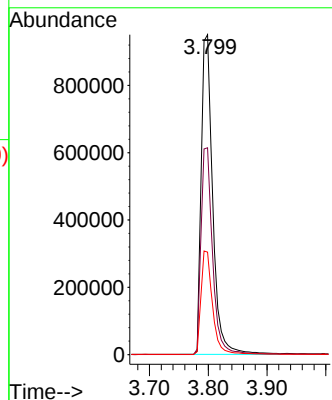
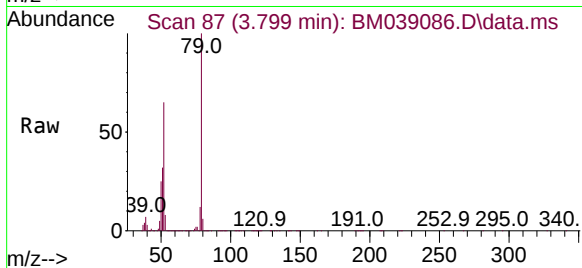




#3
 Pyridine
 Concen: 37.953 ng
 RT: 3.799 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM039086.D
 Acq: 22 Mar 2023 11:01

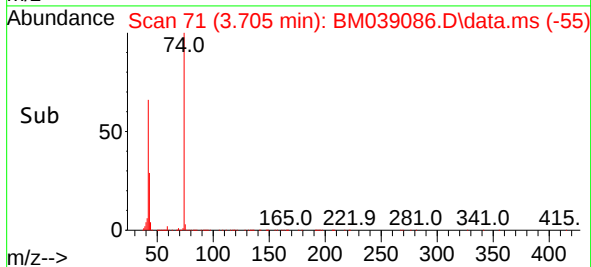
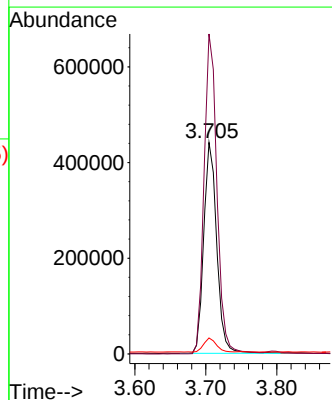
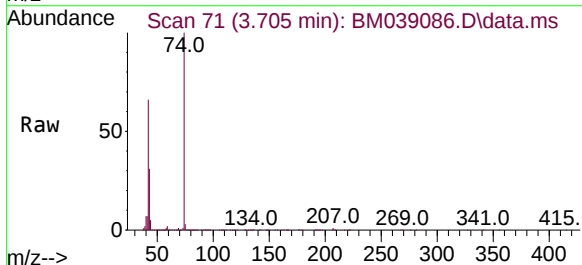
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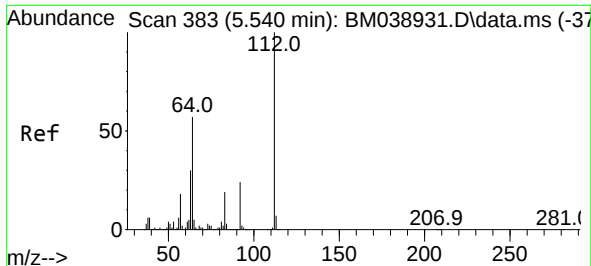
Tgt Ion: 79 Resp: 1290450
 Ion Ratio Lower Upper
 79 100
 52 64.6 51.4 77.2
 51 32.1 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 40.268 ng
 RT: 3.705 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BM039086.D
 Acq: 22 Mar 2023 11:01

Tgt Ion: 42 Resp: 557149
 Ion Ratio Lower Upper
 42 100
 74 151.3 113.8 170.8
 44 7.5 6.2 9.2

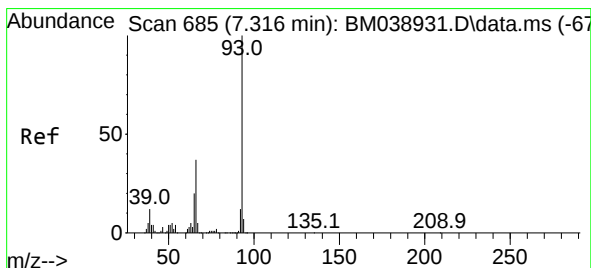
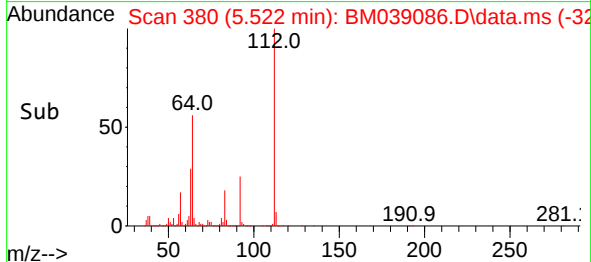
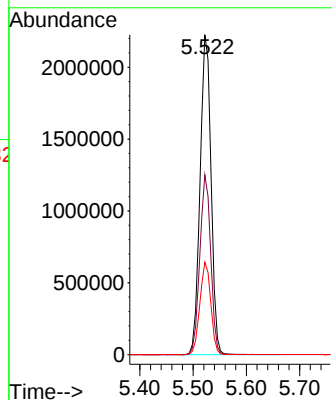
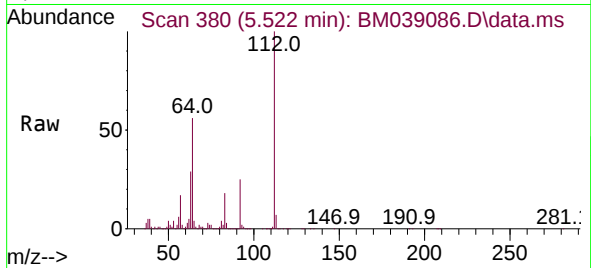




#5
2-Fluorophenol
Concen: 115.090 ng
RT: 5.522 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

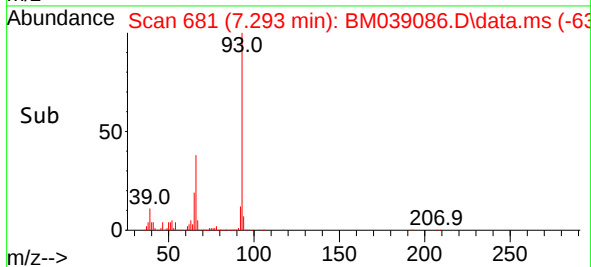
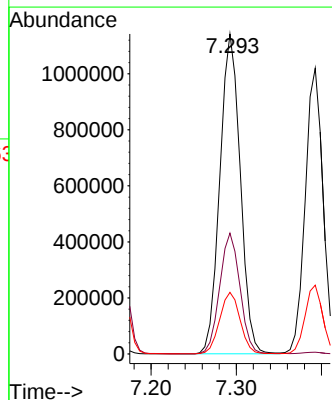
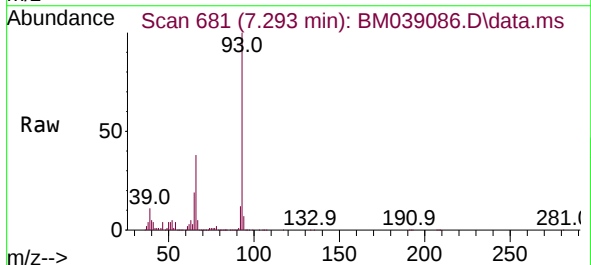
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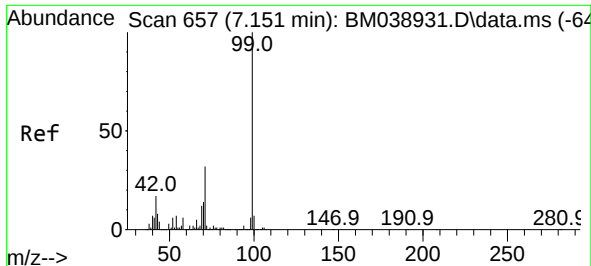
Tgt Ion:112 Resp: 3171660
Ion Ratio Lower Upper
112 100
64 56.2 45.9 68.9
63 28.9 23.8 35.8



#6
Aniline
Concen: 40.426 ng
RT: 7.293 min Scan# 681
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion: 93 Resp: 1899969
Ion Ratio Lower Upper
93 100
66 37.7 30.0 45.0
65 19.2 15.8 23.6

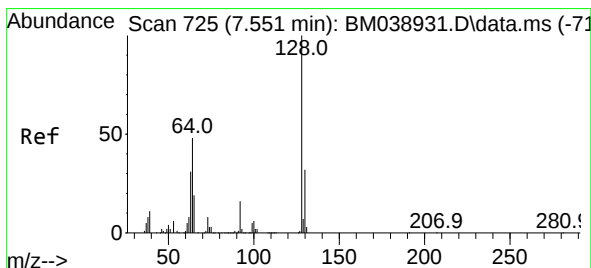
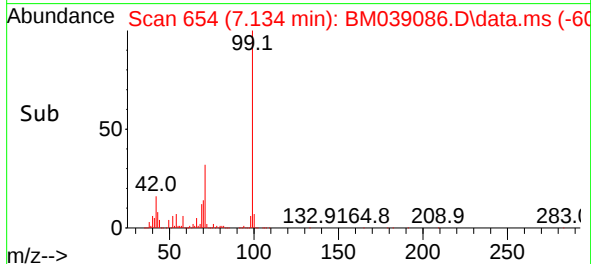
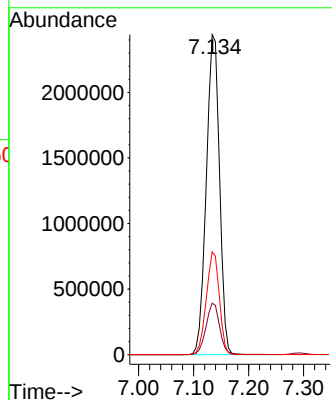
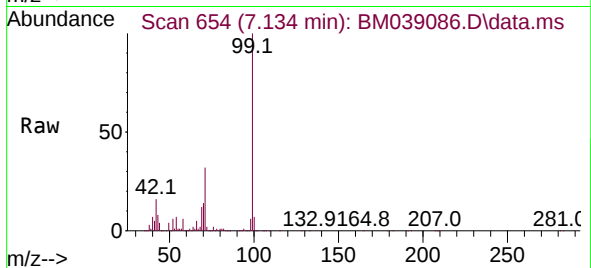




#7
Phenol-d6
Concen: 113.475 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

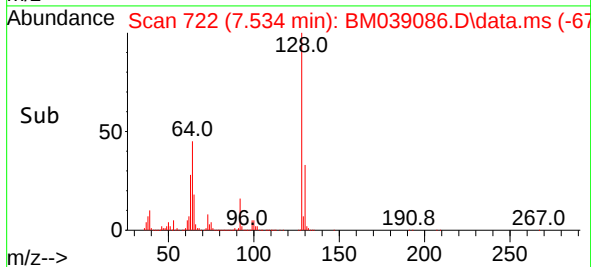
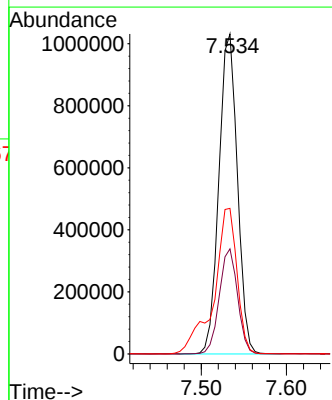
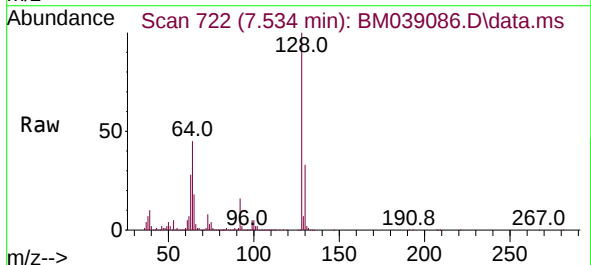
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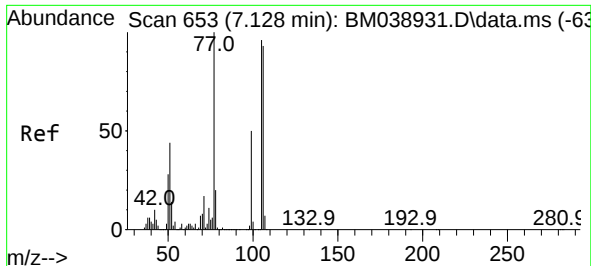
Tgt Ion: 99 Resp: 4061853
Ion Ratio Lower Upper
99 100
42 16.1 13.5 20.3
71 32.1 25.6 38.4



#8
2-Chlorophenol
Concen: 52.865 ng
RT: 7.534 min Scan# 722
Delta R.T. 0.006 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion: 128 Resp: 1550993
Ion Ratio Lower Upper
128 100
130 32.8 11.9 51.9
64 45.5 28.6 68.6

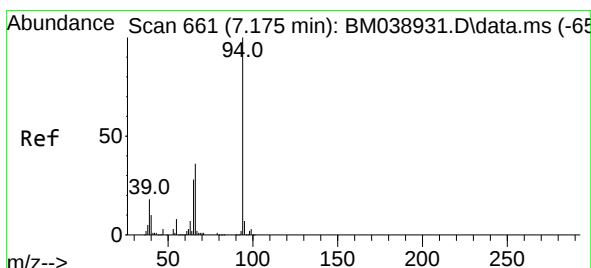
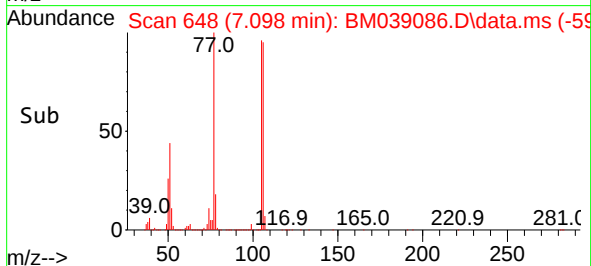
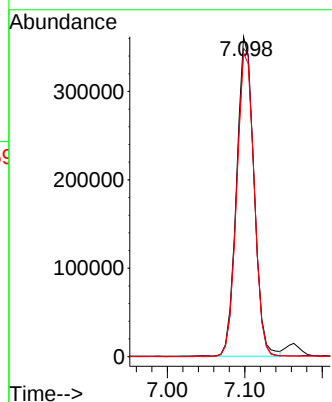
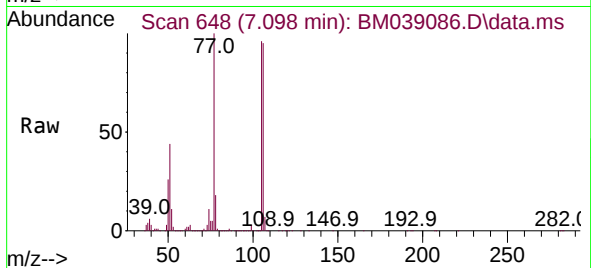




#9
Benzaldehyde
Concen: 33.140 ng
RT: 7.098 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

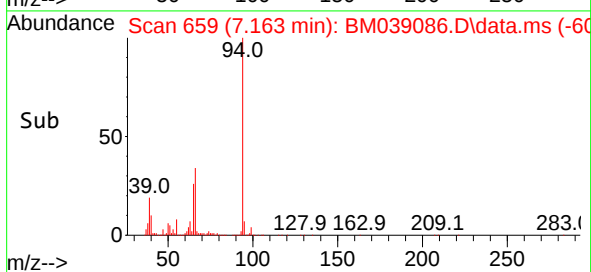
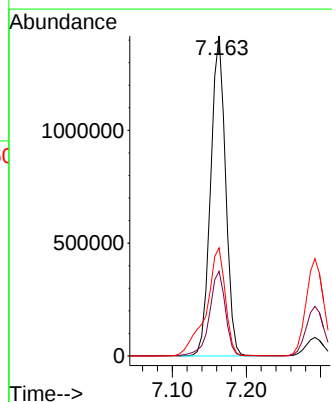
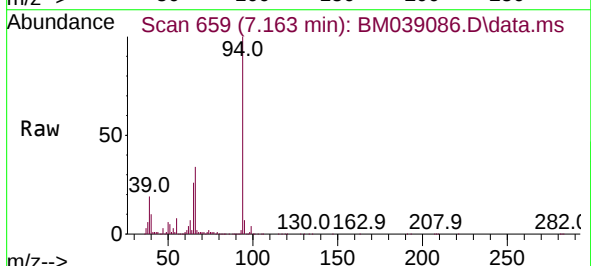
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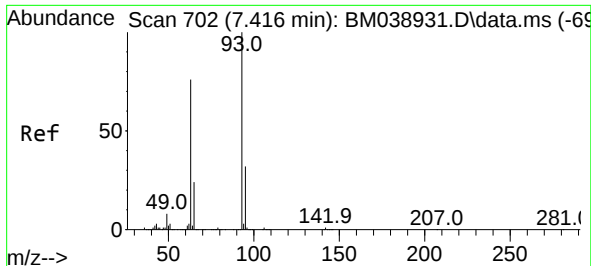
Tgt Ion: 77 Resp: 564483
Ion Ratio Lower Upper
77 100
105 96.3 75.8 115.8
106 95.0 72.6 112.6



#10
Phenol
Concen: 52.177 ng
RT: 7.163 min Scan# 659
Delta R.T. 0.006 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion: 94 Resp: 1983366
Ion Ratio Lower Upper
94 100
65 26.4 7.9 47.9
66 33.8 15.8 55.8



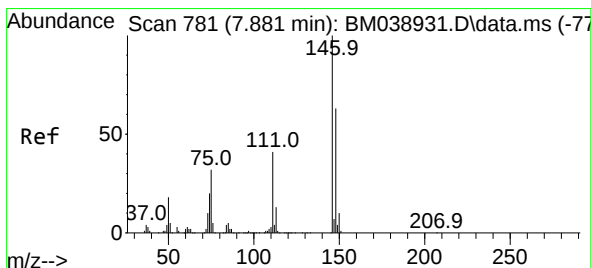
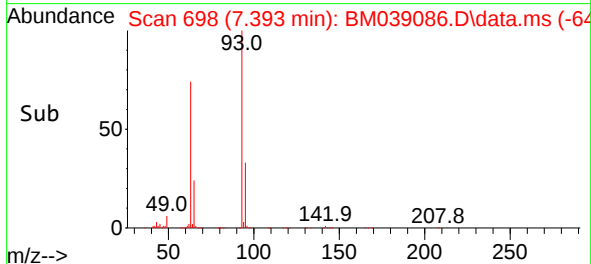
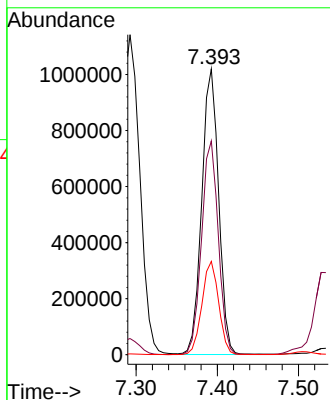
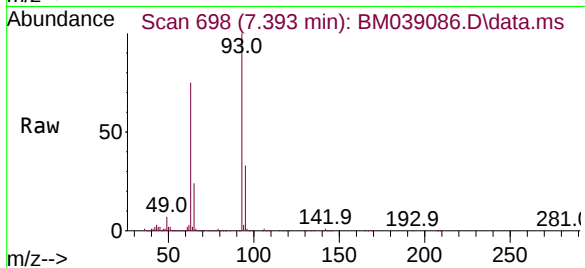


#11
bis(2-Chloroethyl)ether
Concen: 47.739 ng
RT: 7.393 min Scan# 69
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Instrument :
BNA_M
ClientSampleId :
PB151573BS

Tgt Ion: 93 Resp: 1475394

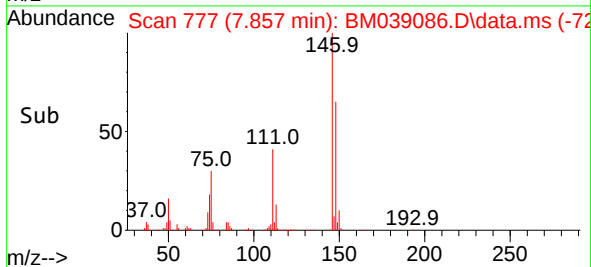
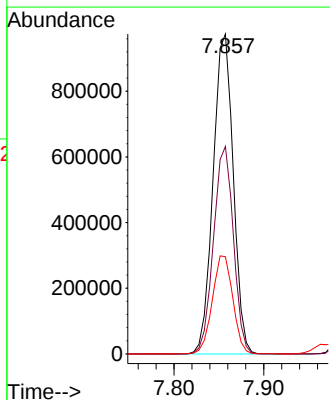
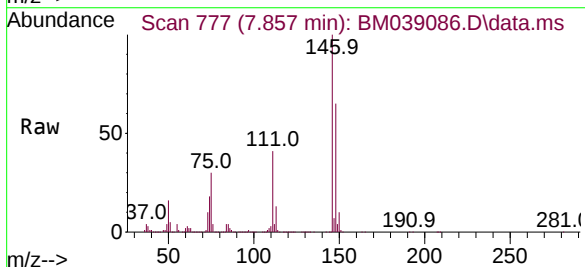
Ion	Ratio	Lower	Upper
93	100		
63	74.8	55.8	95.8
95	32.6	12.2	52.2

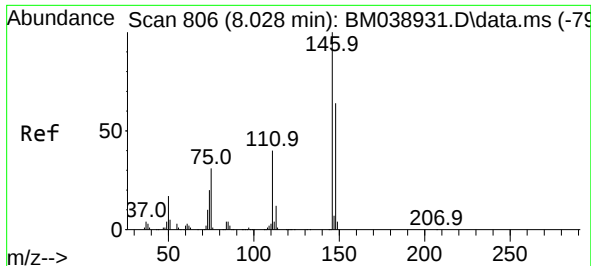


#12
1,3-Dichlorobenzene
Concen: 48.774 ng
RT: 7.857 min Scan# 777
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion: 146 Resp: 1520717

Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
75	30.4	26.0	39.0

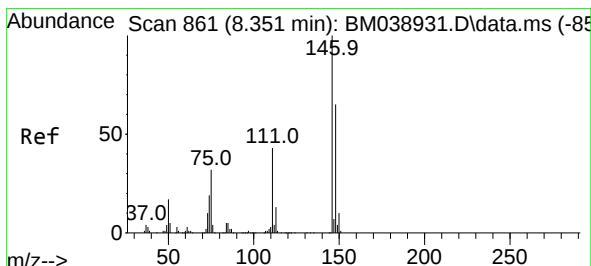
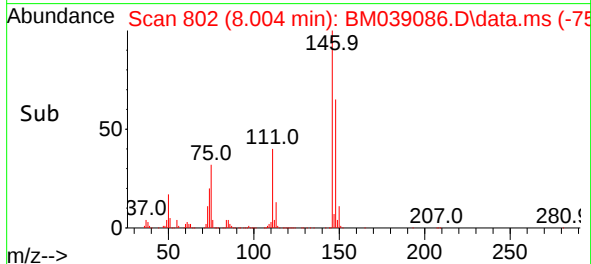
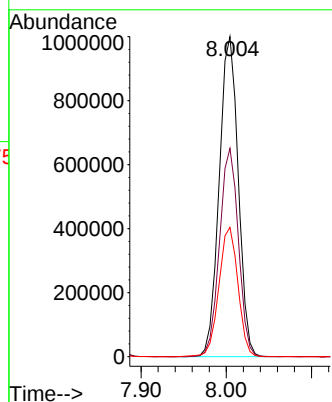
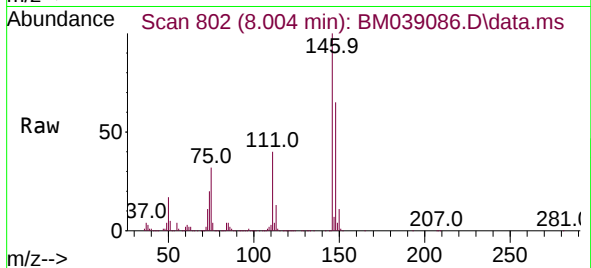




#13
 1,4-Dichlorobenzene
 Concen: 48.808 ng
 RT: 8.004 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BM039086.D
 Acq: 22 Mar 2023 11:01

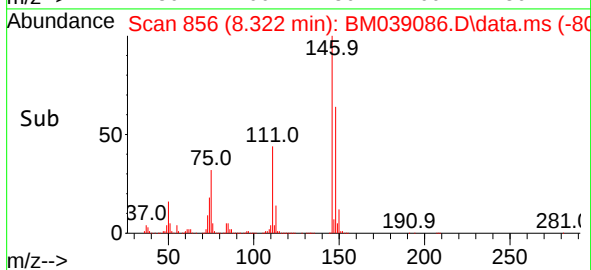
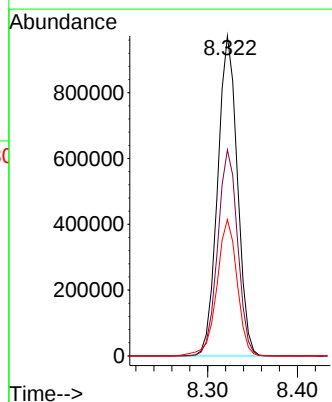
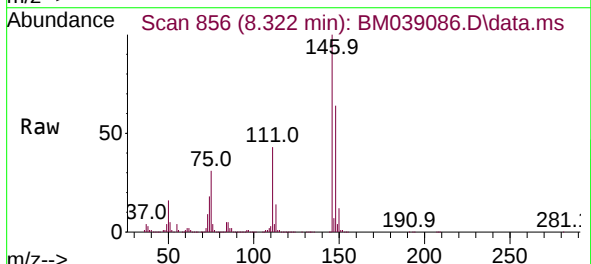
Instrument :
 BNA_M
 ClientSampleId :
 PB151573BS

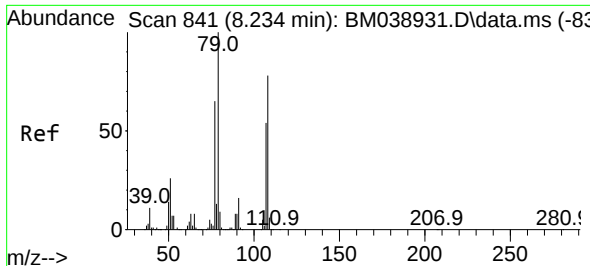
Tgt Ion:146 Resp: 1547722
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.0 76.4
 111 40.4 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 48.664 ng
 RT: 8.322 min Scan# 856
 Delta R.T. 0.000 min
 Lab File: BM039086.D
 Acq: 22 Mar 2023 11:01

Tgt Ion:146 Resp: 1486449
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.7 77.5
 111 42.6 34.2 51.4

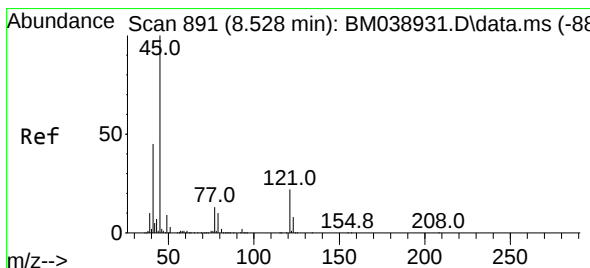
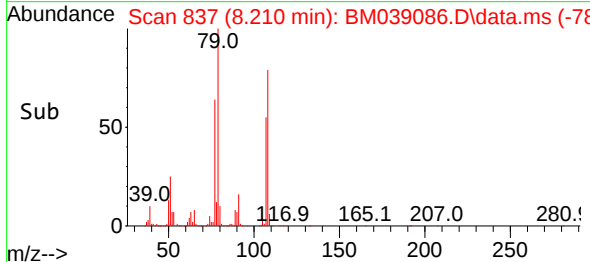
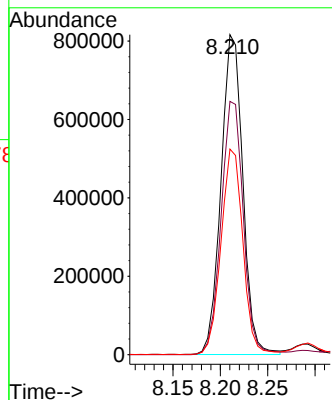
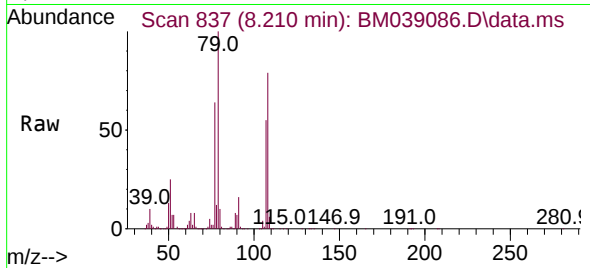




#15
Benzyl Alcohol
Concen: 50.918 ng
RT: 8.210 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

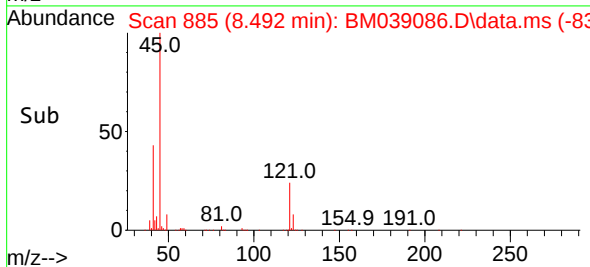
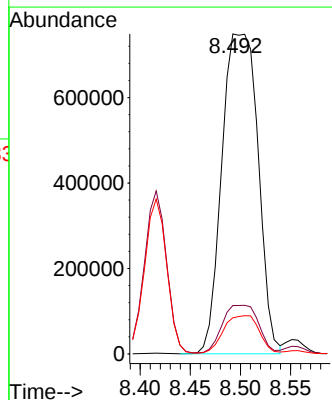
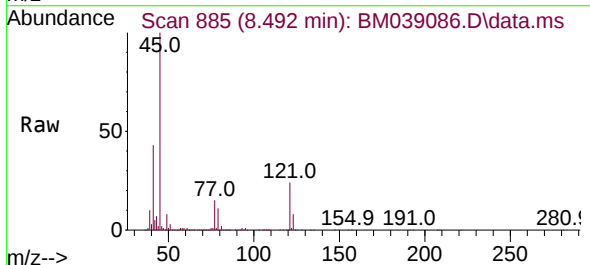
Instrument :
BNA_M
ClientSampleId :
PB151573BS

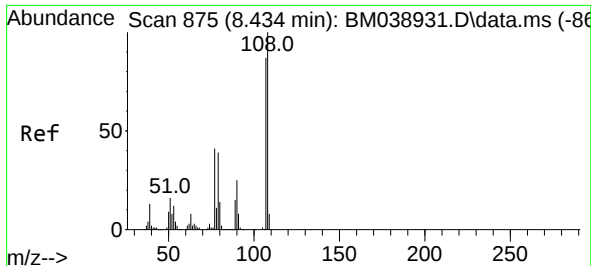
Tgt Ion: 79 Resp: 1306379
Ion Ratio Lower Upper
79 100
108 79.1 62.4 93.6
77 64.2 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.148 ng
RT: 8.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

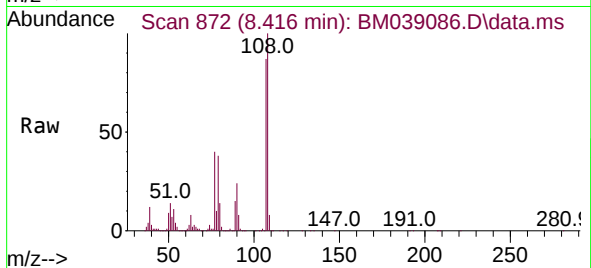
Tgt Ion: 45 Resp: 1879262
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.8
79 11.3 0.0 31.5





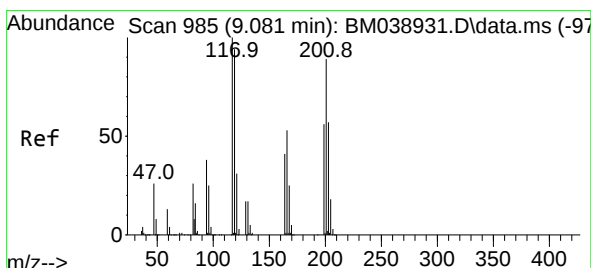
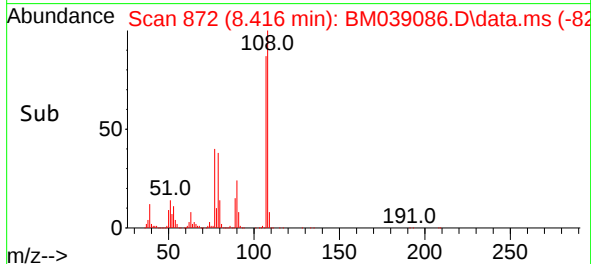
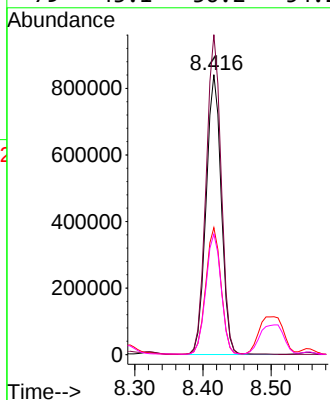
#17
2-Methylphenol
Concen: 49.666 ng
RT: 8.416 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Instrument :
BNA_M
ClientSampleId :
PB151573BS



Tgt Ion:107 Resp: 1296883

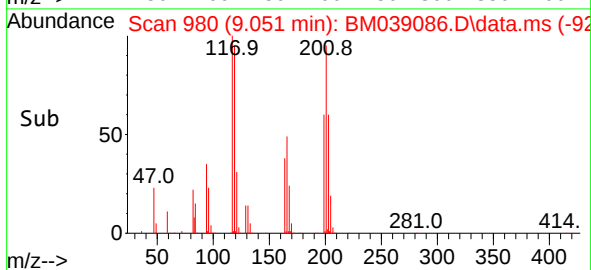
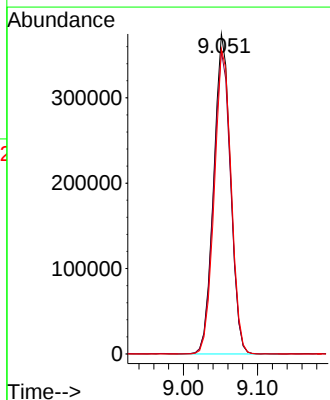
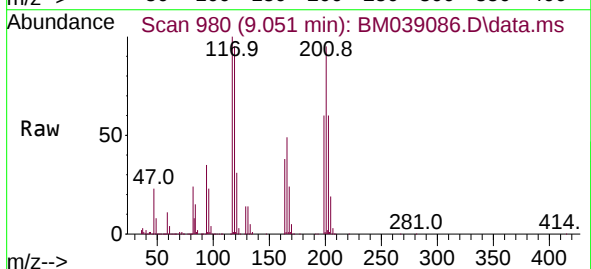
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.7	137.5
77	45.3	37.4	56.2
79	43.1	36.2	54.2

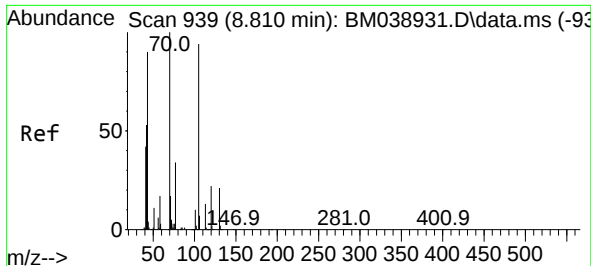


#18
Hexachloroethane
Concen: 50.510 ng
RT: 9.051 min Scan# 980
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:117 Resp: 590955

Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.4	113.0
201	95.3	71.3	106.9



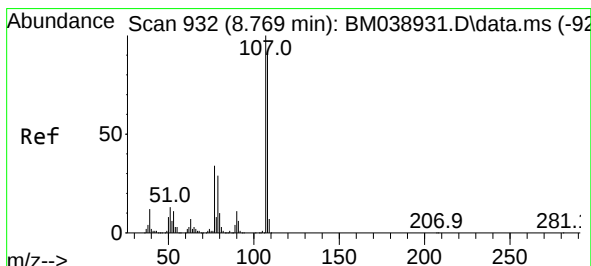
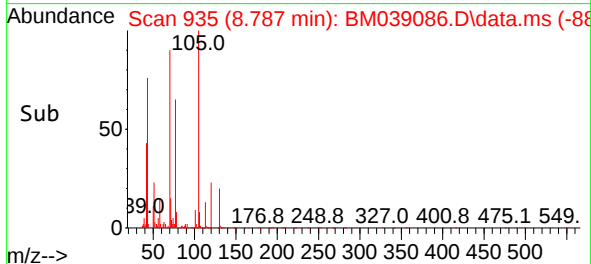
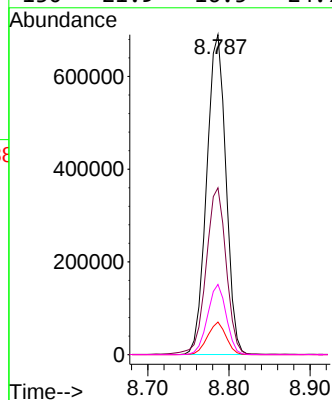
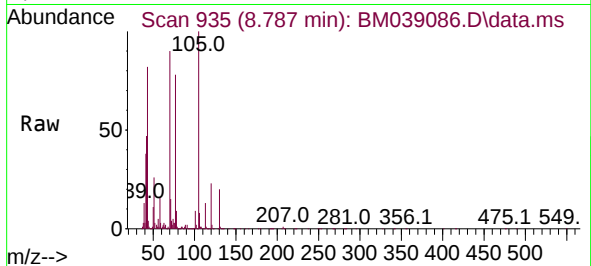


#19
n-Nitroso-di-n-propylamine
Concen: 50.488 ng
RT: 8.787 min Scan# 931
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Instrument :
BNA_M
ClientSampleId :
PB151573BS

Tgt Ion: 70 Resp: 1138301

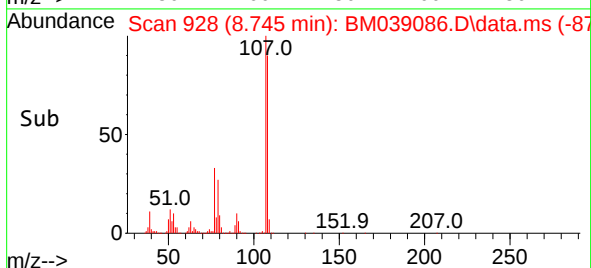
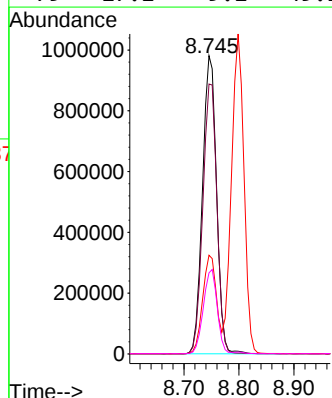
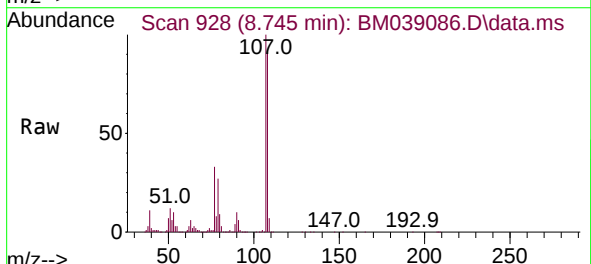
Ion	Ratio	Lower	Upper
70	100		
42	52.1	43.4	65.2
101	10.2	7.6	11.4
130	21.9	16.5	24.7

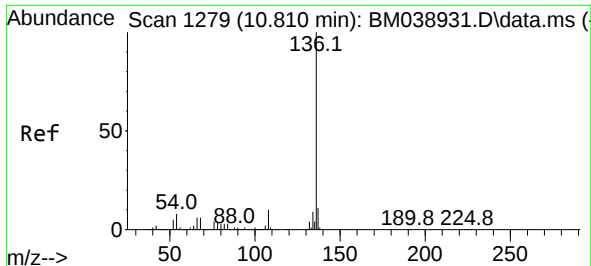


#20
3+4-Methylphenols
Concen: 49.870 ng
RT: 8.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion: 107 Resp: 1738772

Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.8	111.8
77	33.1	13.6	53.6
79	27.2	9.2	49.2

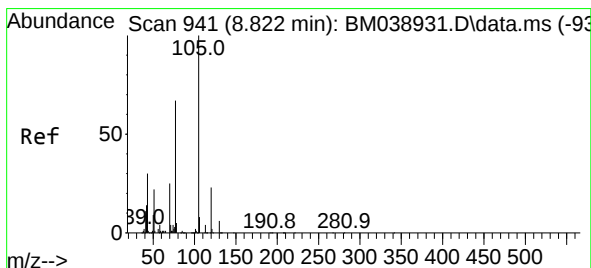
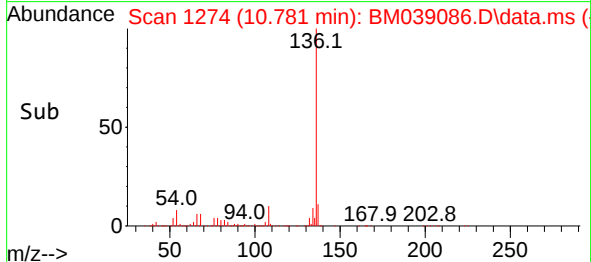
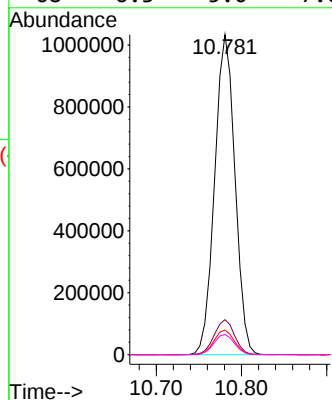
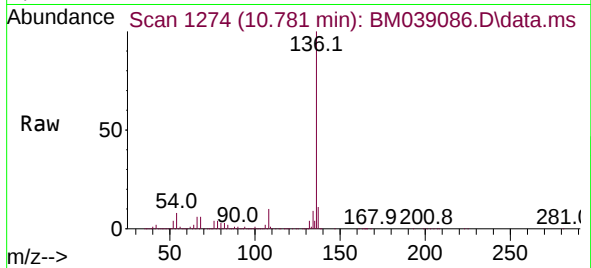




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

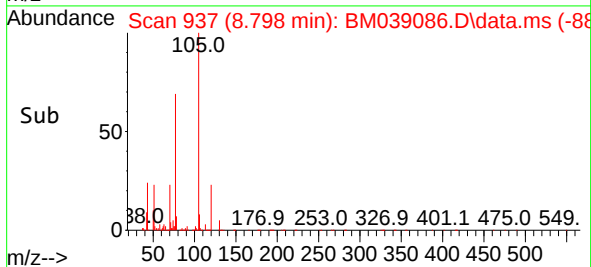
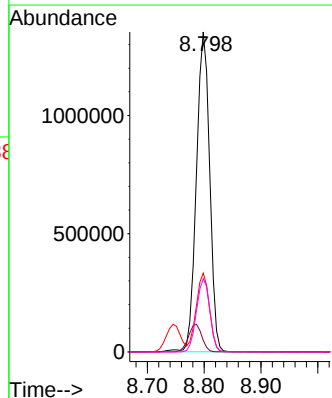
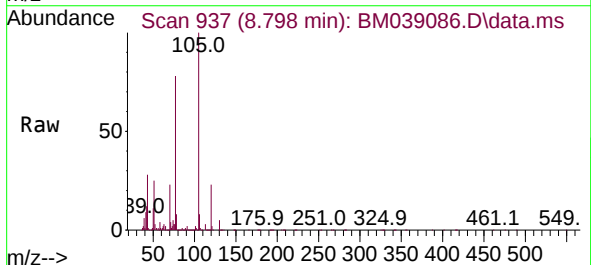
Instrument :
BNA_M
ClientSampleId :
PB151573BS

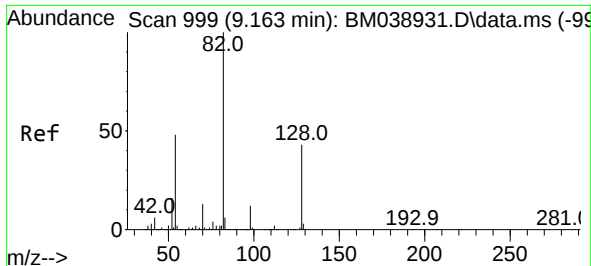
Tgt Ion:136 Resp: 1708121
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.7 6.3 9.5
68 6.3 5.0 7.6



#22
Acetophenone
Concen: 45.389 ng
RT: 8.798 min Scan# 937
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:105 Resp: 2175191
Ion Ratio Lower Upper
105 100
71 3.6 3.4 5.0
51 24.6 21.0 31.4
120 22.9 18.1 27.1

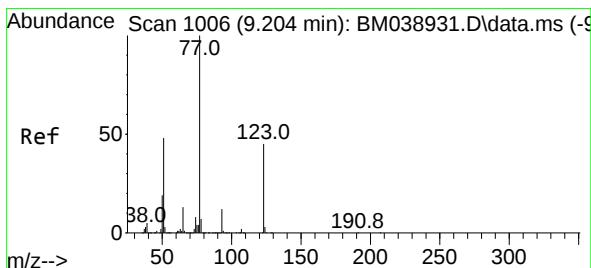
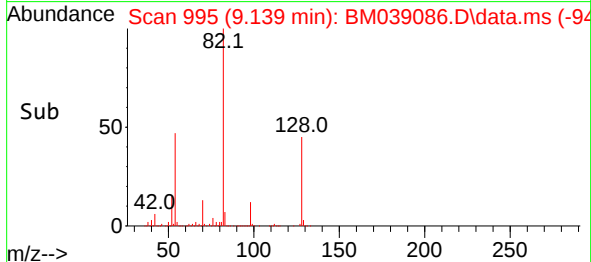
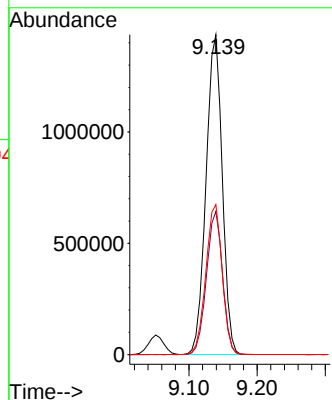
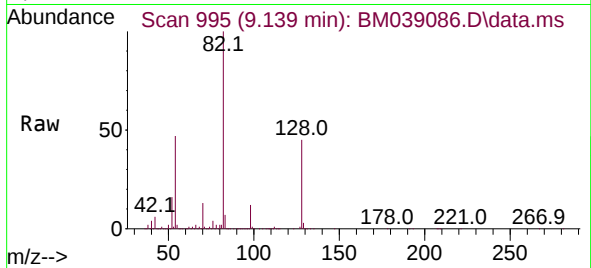




#23
Nitrobenzene-d5
Concen: 68.348 ng
RT: 9.139 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

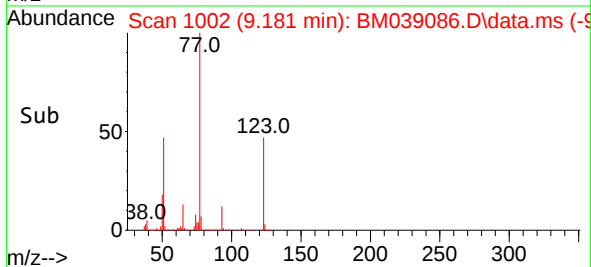
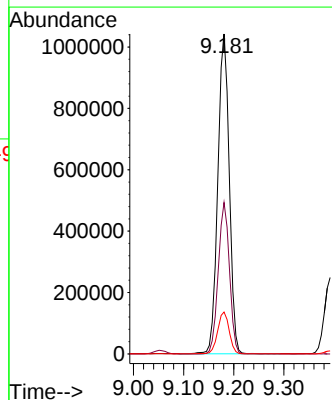
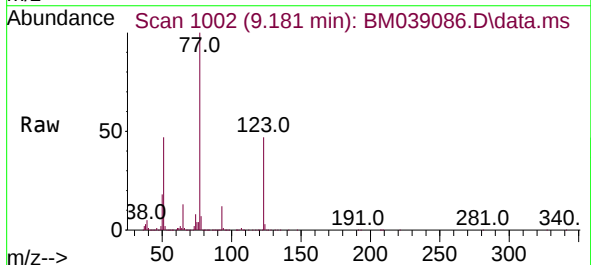
Instrument :
BNA_M
ClientSampleId :
PB151573BS

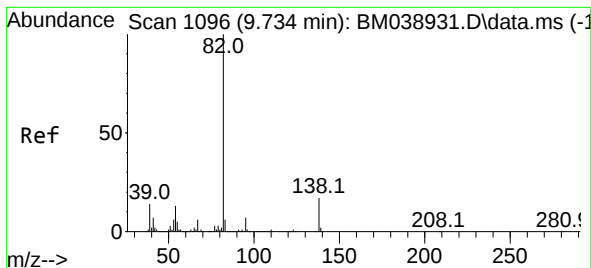
Tgt Ion: 82 Resp: 2376724
Ion Ratio Lower Upper
82 100
128 44.7 34.4 51.6
54 46.9 38.8 58.2



#24
Nitrobenzene
Concen: 45.034 ng
RT: 9.181 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion: 77 Resp: 1645953
Ion Ratio Lower Upper
77 100
123 47.3 35.8 53.6
65 13.1 10.2 15.4





#25

Isophorone

Concen: 48.011 ng

RT: 9.710 min Scan# 1096

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

Instrument :

BNA_M

ClientSampleId :

PB151573BS

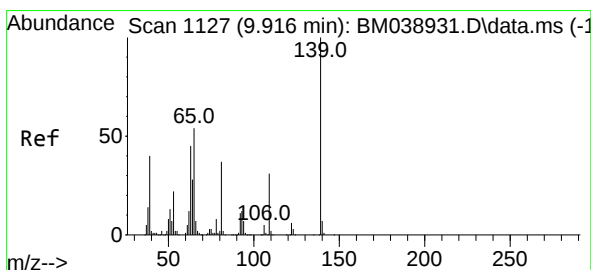
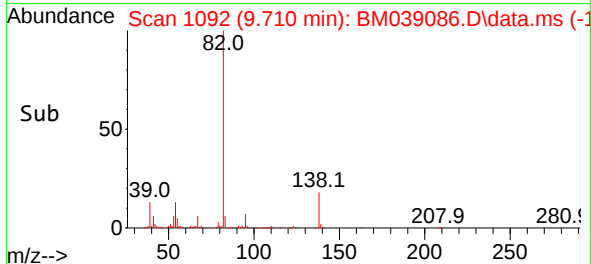
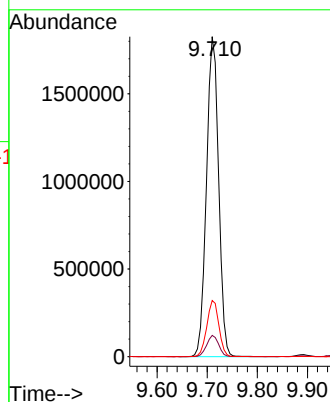
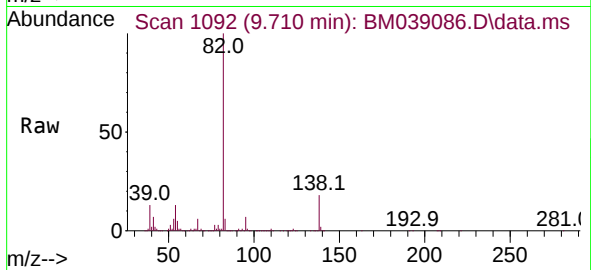
Tgt Ion: 82 Resp: 3072279

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.5 13.6 20.4



#26

2-Nitrophenol

Concen: 50.342 ng

RT: 9.892 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

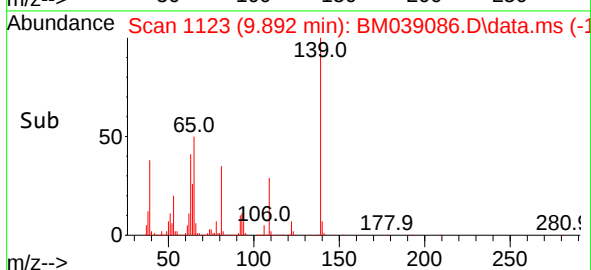
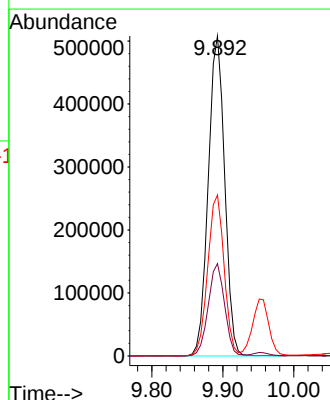
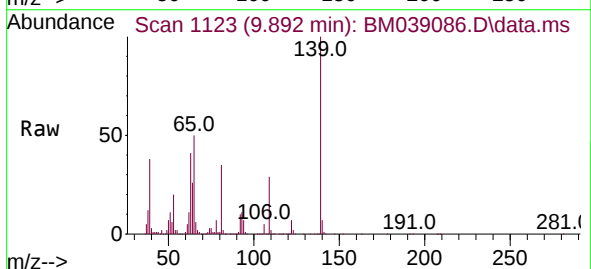
Tgt Ion:139 Resp: 814953

Ion Ratio Lower Upper

139 100

109 28.8 24.5 36.7

65 50.3 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 51.579 ng

RT: 9.957 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

Instrument :

BNA_M

ClientSampleId :

PB151573BS

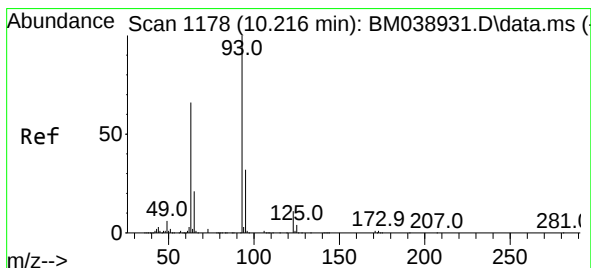
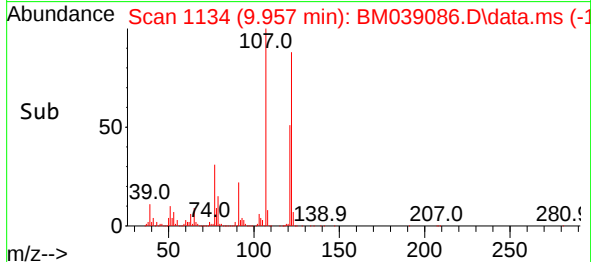
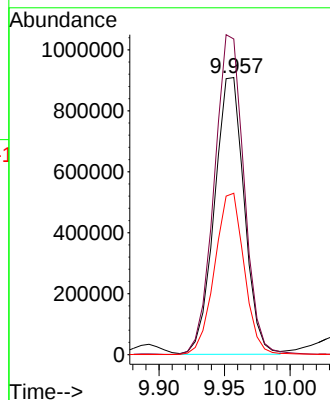
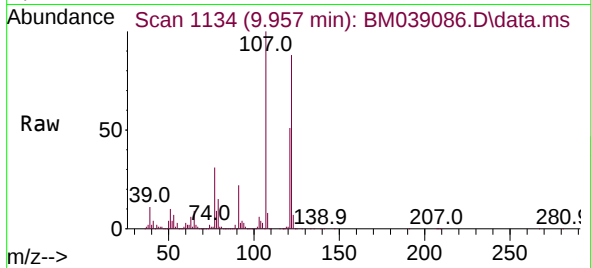
Tgt Ion:122 Resp: 1438158

Ion Ratio Lower Upper

122 100

107 113.9 91.0 136.4

121 58.3 45.1 67.7



#28

bis(2-Chloroethoxy)methane

Concen: 48.292 ng

RT: 10.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

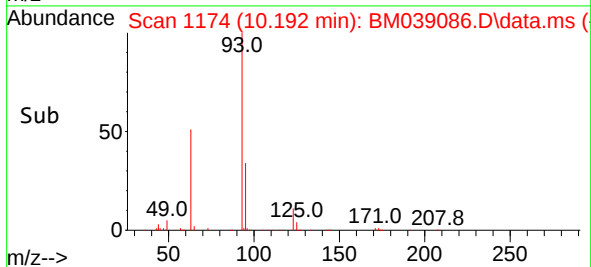
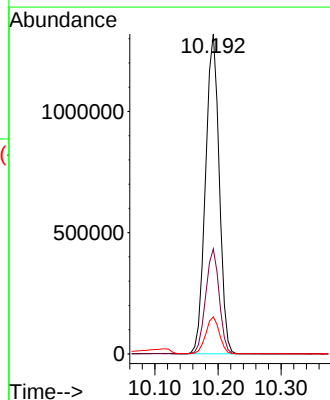
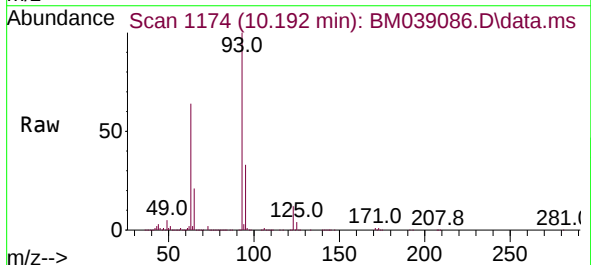
Tgt Ion: 93 Resp: 1985591

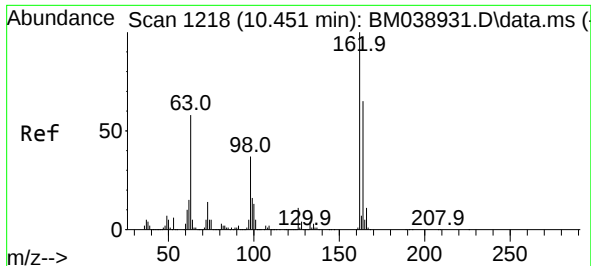
Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 11.6 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 52.563 ng

RT: 10.428 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

Instrument :

BNA_M

ClientSampleId :

PB151573BS

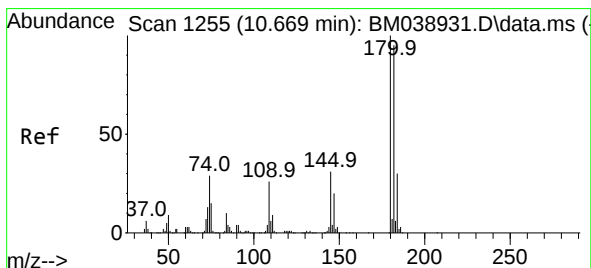
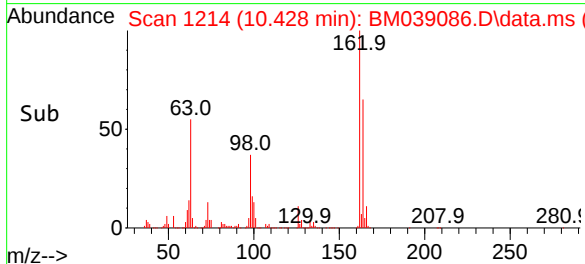
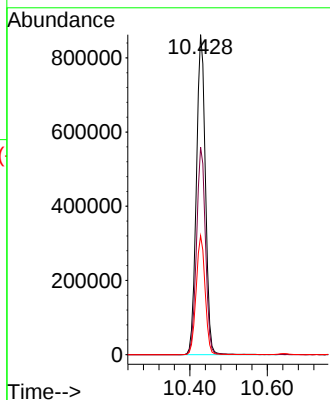
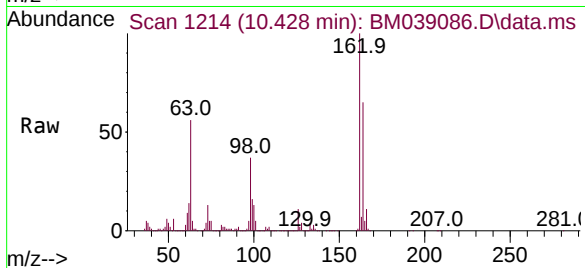
Tgt Ion:162 Resp: 1389490

Ion Ratio Lower Upper

162 100

164 64.8 44.6 84.6

98 37.1 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 47.622 ng

RT: 10.645 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

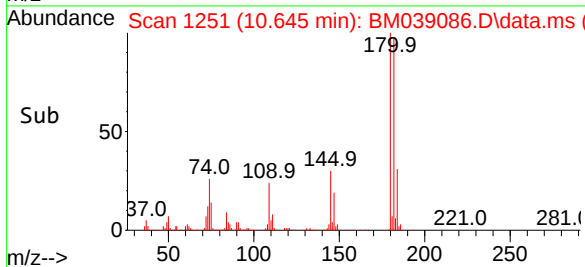
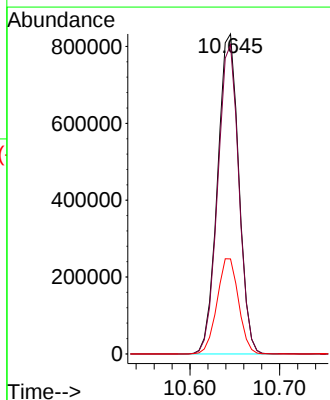
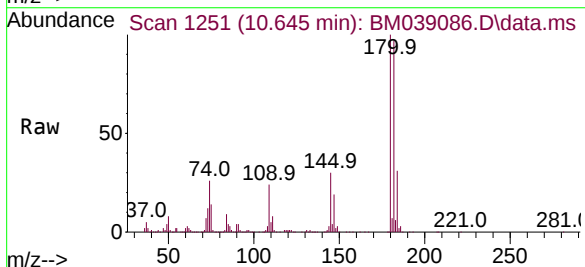
Tgt Ion:180 Resp: 1375649

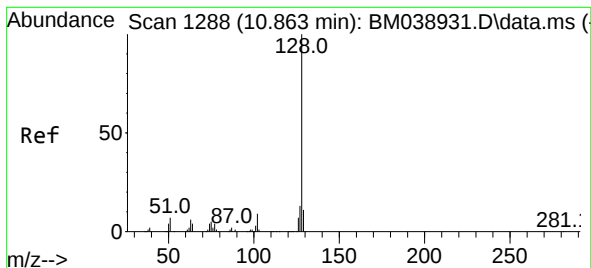
Ion Ratio Lower Upper

180 100

182 96.6 76.3 114.5

145 29.7 25.0 37.4

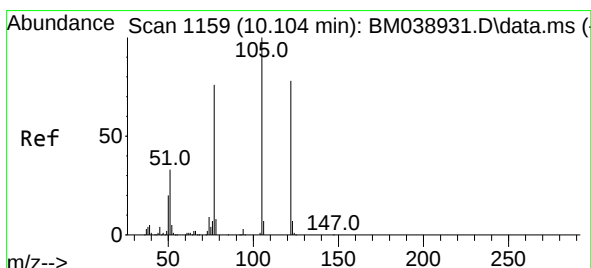
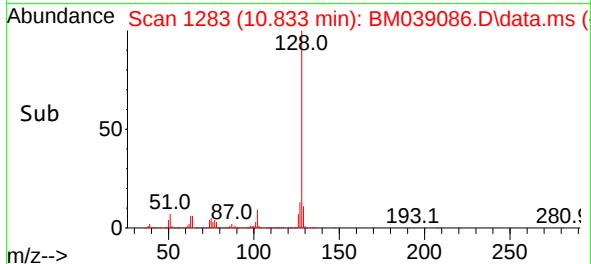
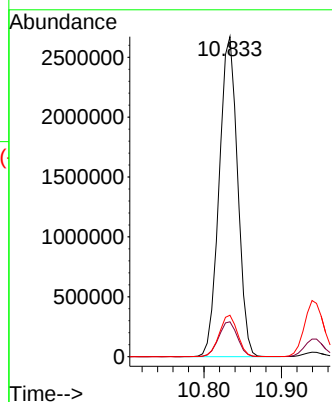
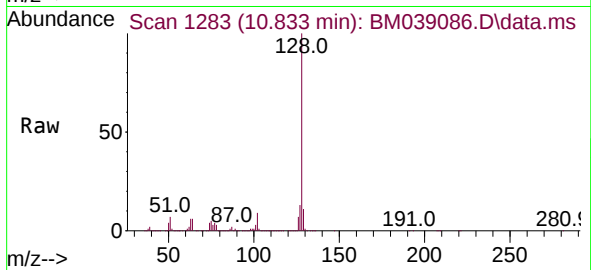




#31
Naphthalene
Concen: 45.346 ng
RT: 10.833 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

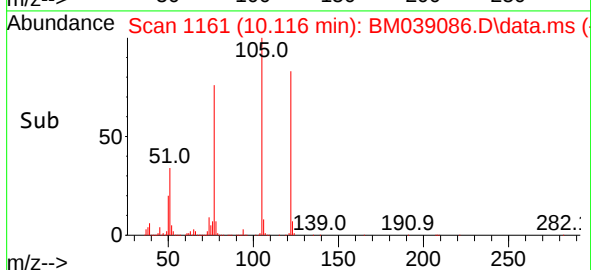
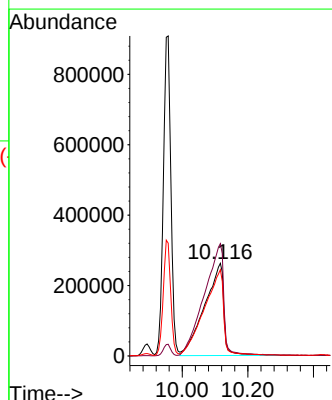
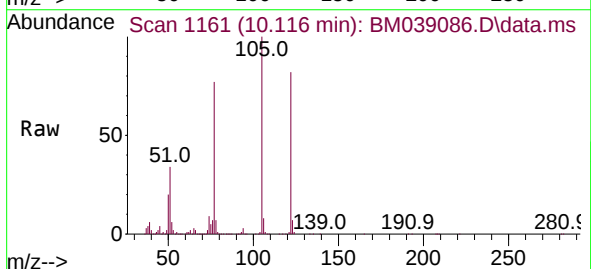
Instrument :
BNA_M
ClientSampleId :
PB151573BS

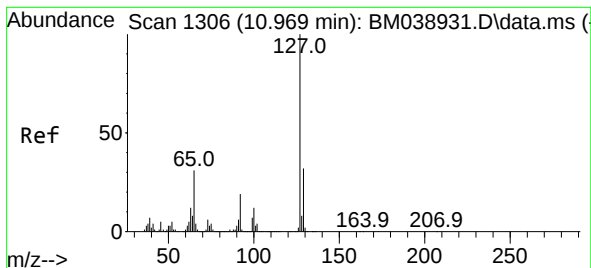
Tgt Ion:128 Resp: 4416732
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 52.013 ng
RT: 10.116 min Scan# 1161
Delta R.T. 0.029 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:122 Resp: 1075184
Ion Ratio Lower Upper
122 100
105 121.2 104.2 144.2
77 92.9 75.1 115.1





#33

4-Chloroaniline

Concen: 20.014 ng

RT: 10.939 min Scan# 1301

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

Instrument :

BNA_M

ClientSampleId :

PB151573BS

Tgt Ion:127 Resp: 830777

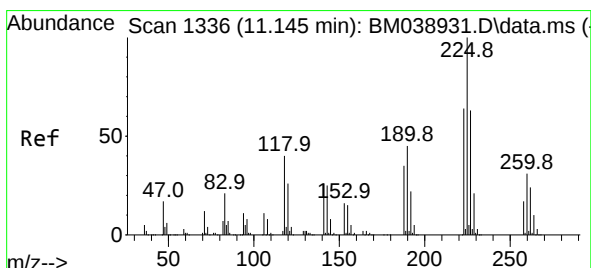
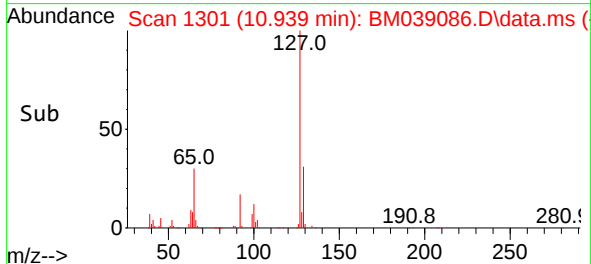
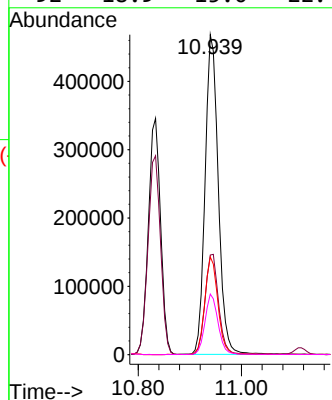
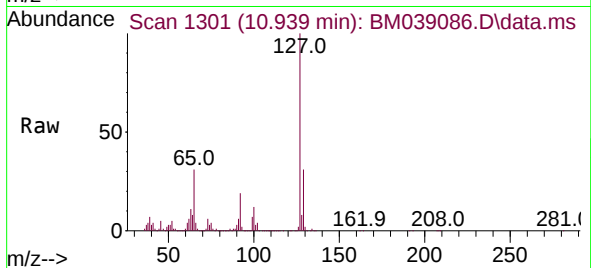
Ion Ratio Lower Upper

127 100

129 31.1 25.4 38.2

65 30.5 24.4 36.6

92 18.9 15.0 22.4



#34

Hexachlorobutadiene

Concen: 47.237 ng

RT: 11.116 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

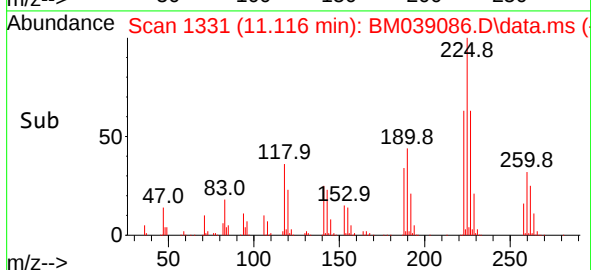
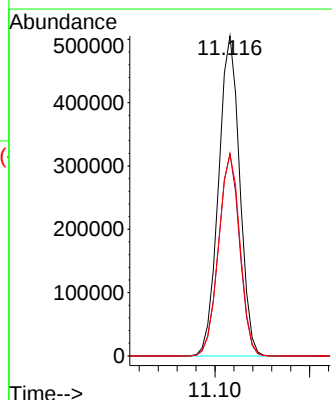
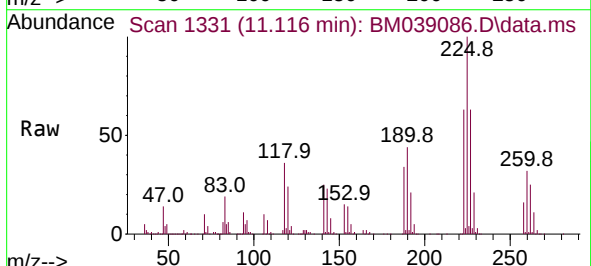
Tgt Ion:225 Resp: 782500

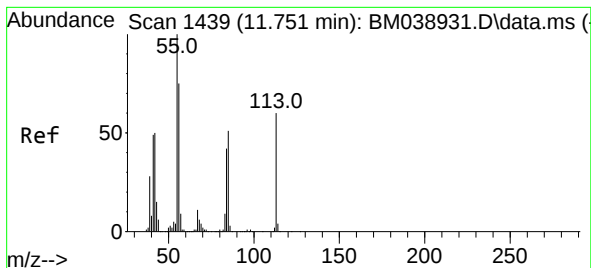
Ion Ratio Lower Upper

225 100

223 63.2 51.3 76.9

227 63.0 50.6 76.0

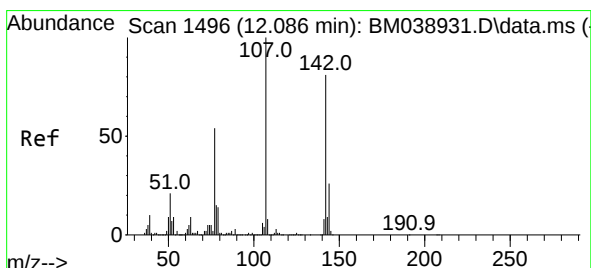
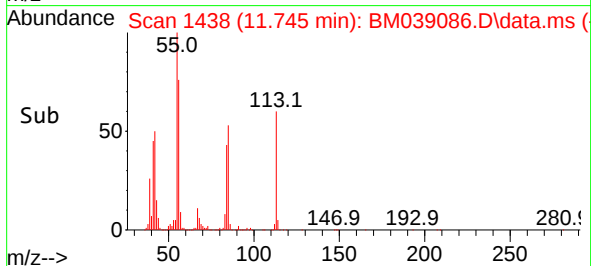
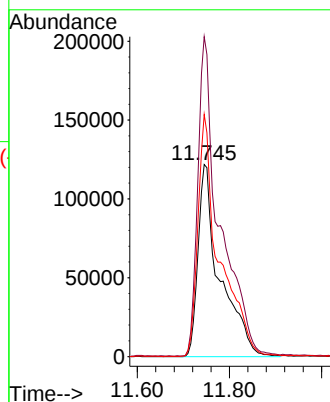
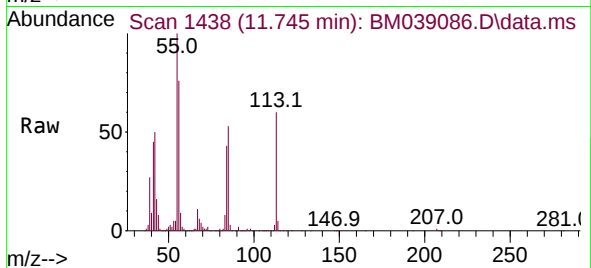




#35
 Caprolactam
 Concen: 49.802 ng
 RT: 11.745 min Scan# 1438
 Delta R.T. 0.012 min
 Lab File: BM039086.D
 Acq: 22 Mar 2023 11:01

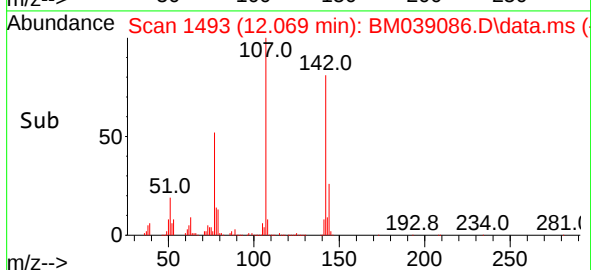
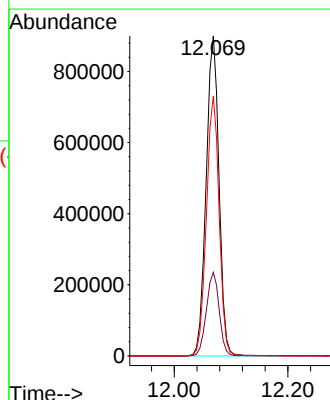
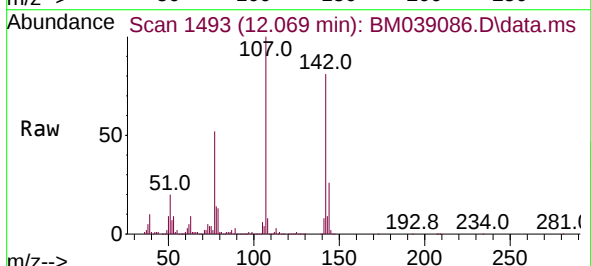
Instrument :
 BNA_M
 ClientSampleId :
 PB151573BS

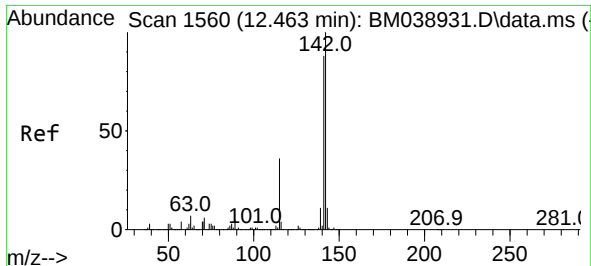
Tgt Ion:113 Resp: 400686
 Ion Ratio Lower Upper
 113 100
 55 166.6 147.0 187.0
 56 126.0 105.1 145.1



#36
 4-Chloro-3-methylphenol
 Concen: 50.376 ng
 RT: 12.069 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: BM039086.D
 Acq: 22 Mar 2023 11:01

Tgt Ion:107 Resp: 1418017
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.7 31.1
 142 81.2 64.6 97.0

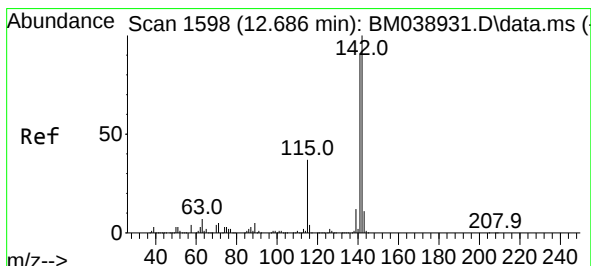
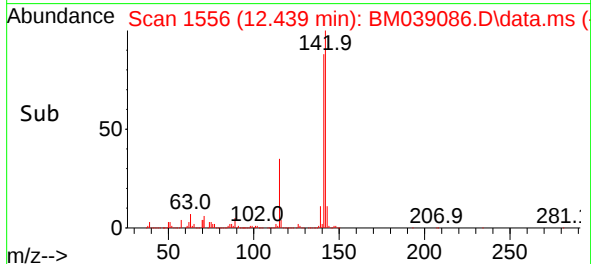
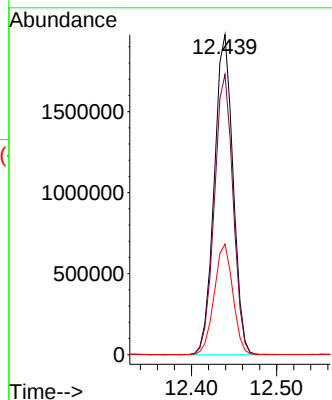
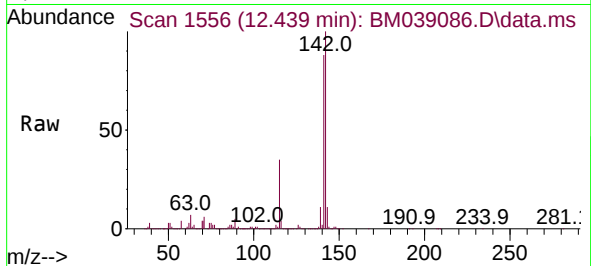




#37
2-Methylnaphthalene
Concen: 46.229 ng
RT: 12.439 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

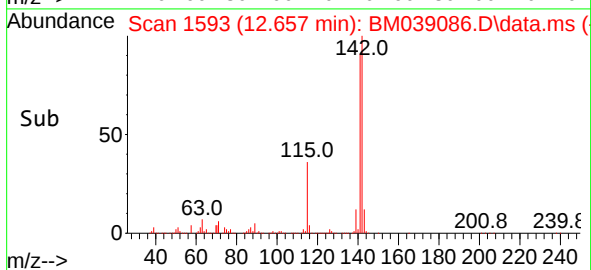
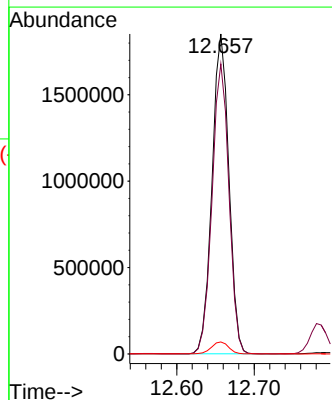
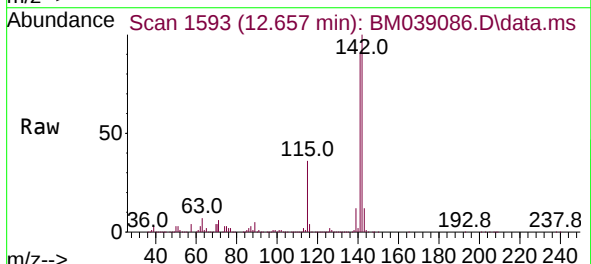
Instrument :
BNA_M
ClientSampleId :
PB151573BS

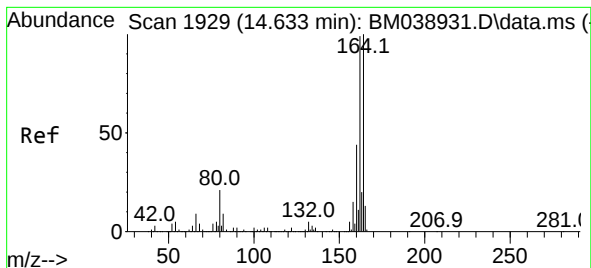
Tgt Ion:142 Resp: 3017937
Ion Ratio Lower Upper
142 100
141 87.6 70.6 106.0
115 34.5 28.5 42.7



#38
1-Methylnaphthalene
Concen: 45.612 ng
RT: 12.657 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:142 Resp: 2790466
Ion Ratio Lower Upper
142 100
141 90.6 72.8 109.2
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 19

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

Instrument :

BNA_M

ClientSampleId :

PB151573BS

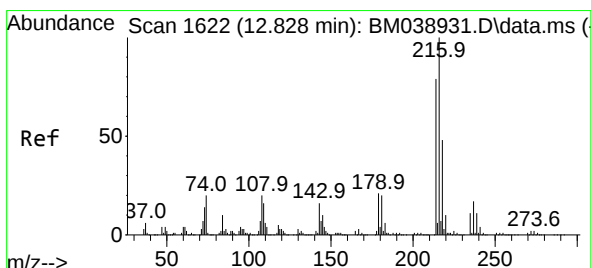
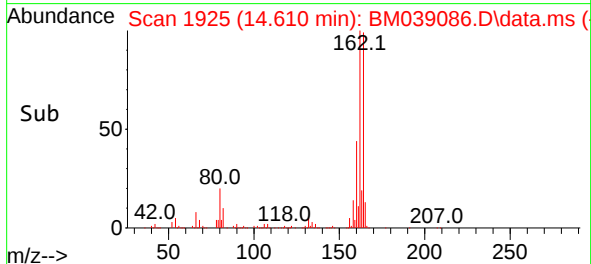
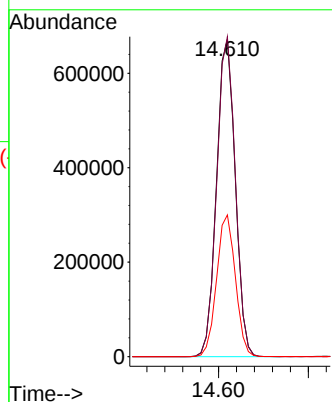
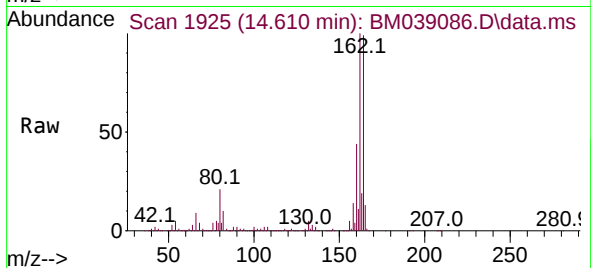
Tgt Ion:164 Resp: 973757

Ion Ratio Lower Upper

164 100

162 100.9 79.2 118.8

160 44.7 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.279 ng

RT: 12.804 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

Tgt Ion:216 Resp: 1465021

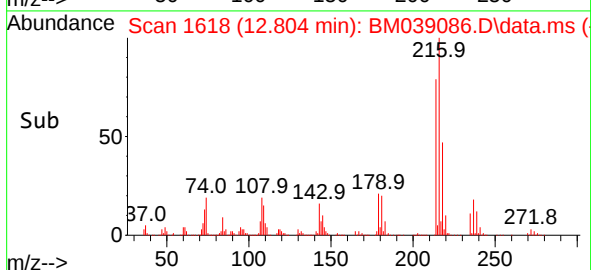
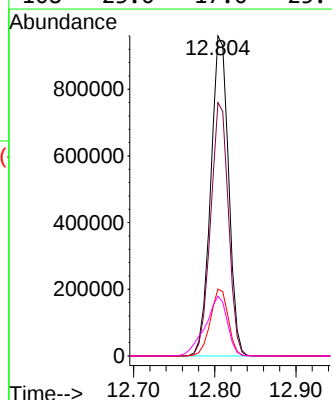
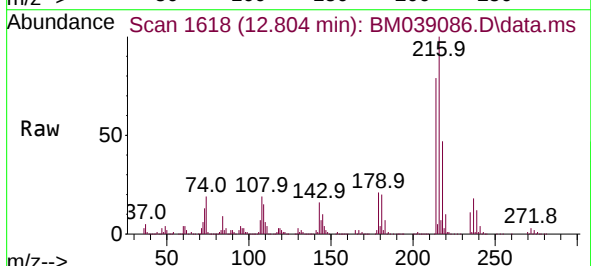
Ion Ratio Lower Upper

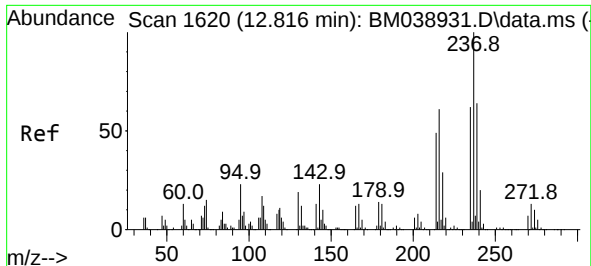
216 100

214 79.0 63.0 94.4

179 20.8 16.8 25.2

108 23.0 17.0 25.4

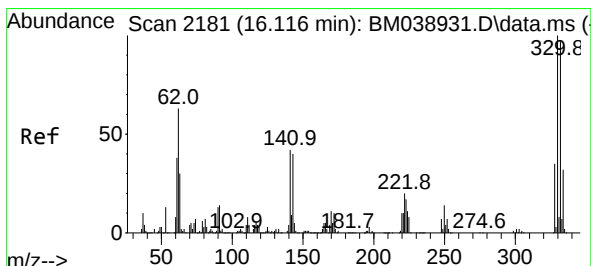
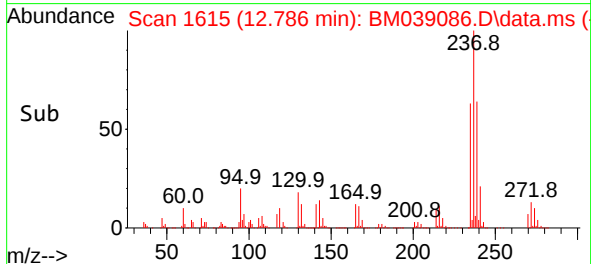
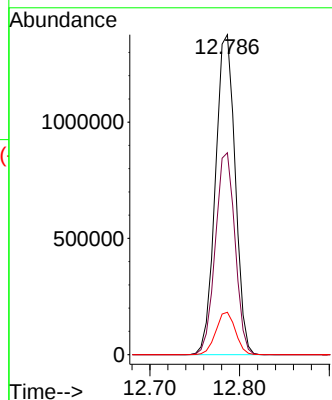
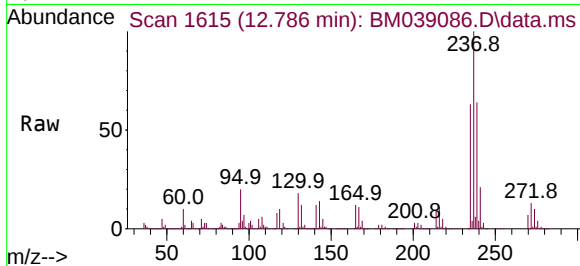




#41
Hexachlorocyclopentadiene
Concen: 121.095 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

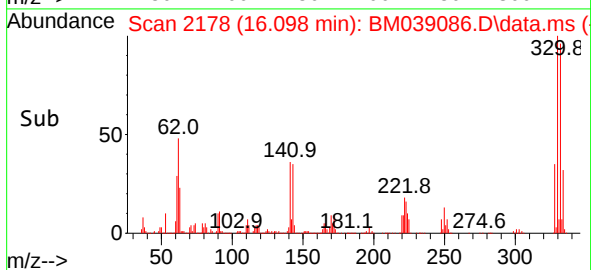
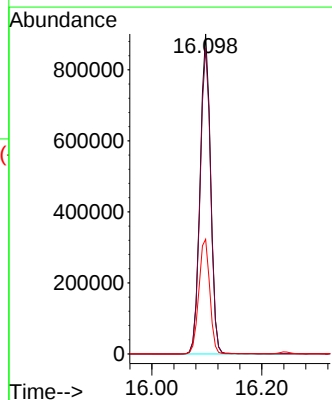
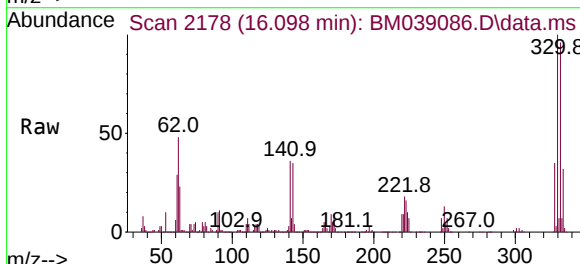
Instrument :
BNA_M
ClientSampleId :
PB151573BS

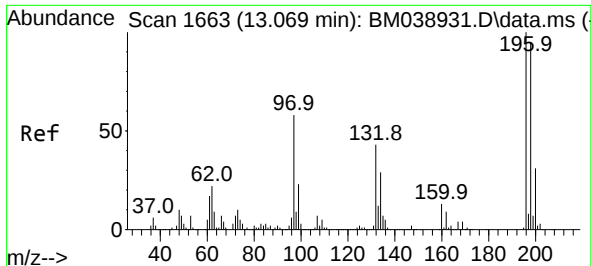
Tgt Ion:237 Resp: 2104205
Ion Ratio Lower Upper
237 100
235 63.1 41.7 81.7
272 13.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 105.598 ng
RT: 16.098 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:330 Resp: 1189547
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 37.3 32.2 48.4

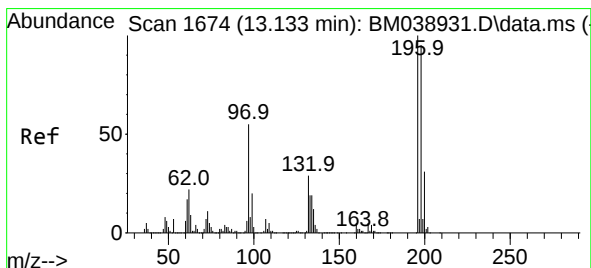
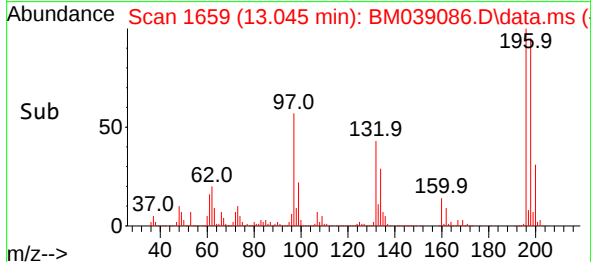
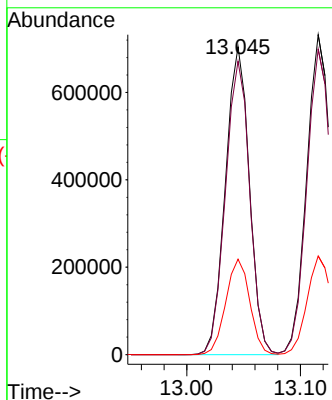
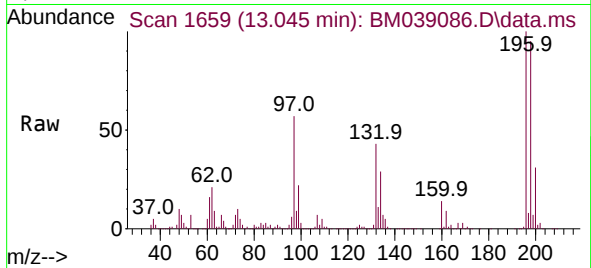




#43
2,4,6-Trichlorophenol
Concen: 50.458 ng
RT: 13.045 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

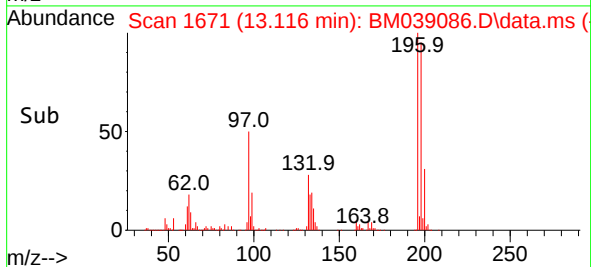
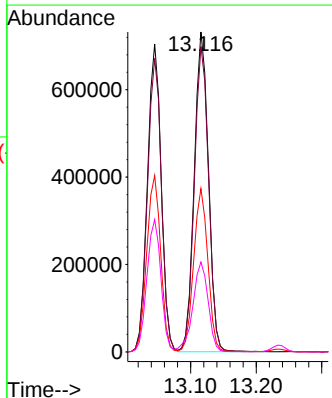
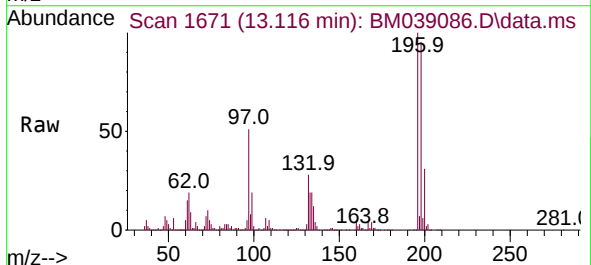
Instrument :
BNA_M
ClientSampleId :
PB151573BS

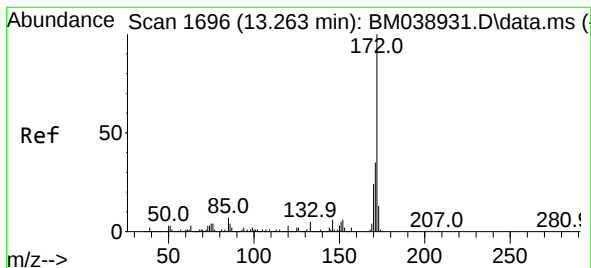
Tgt Ion:196 Resp: 1034343
Ion Ratio Lower Upper
196 100
198 95.3 75.8 113.8
200 31.0 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 45.901 ng
RT: 13.116 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:196 Resp: 1101373
Ion Ratio Lower Upper
196 100
198 95.5 76.3 114.5
97 51.0 44.2 66.4
132 28.1 23.4 35.2

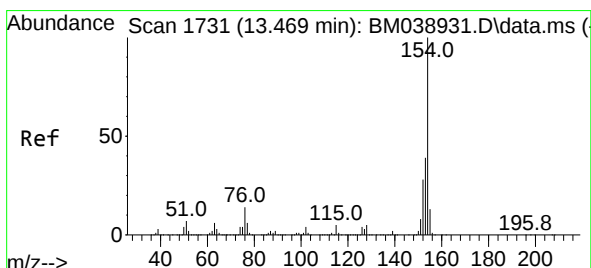
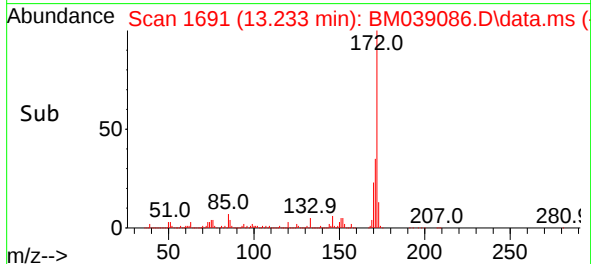
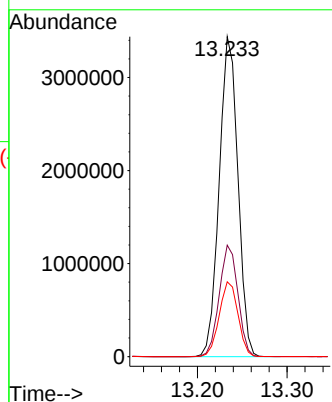
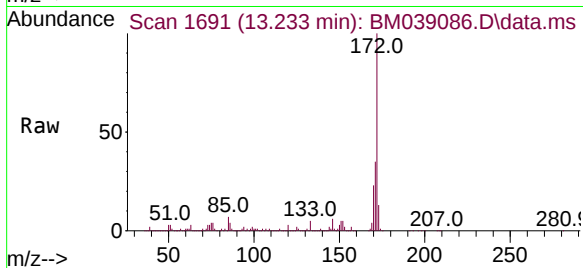




#45
2-Fluorobiphenyl
Concen: 66.867 ng
RT: 13.233 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

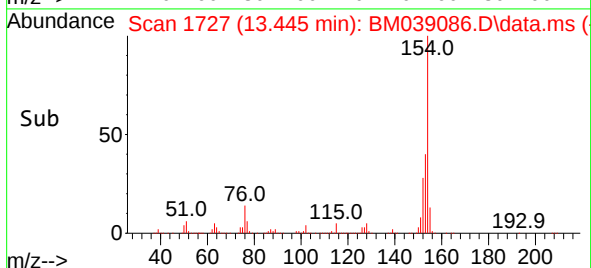
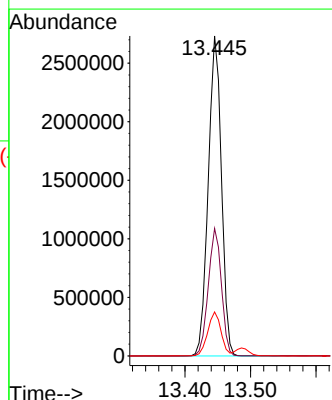
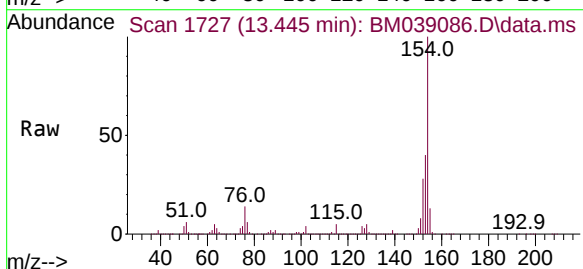
Instrument :
BNA_M
ClientSampleId :
PB151573BS

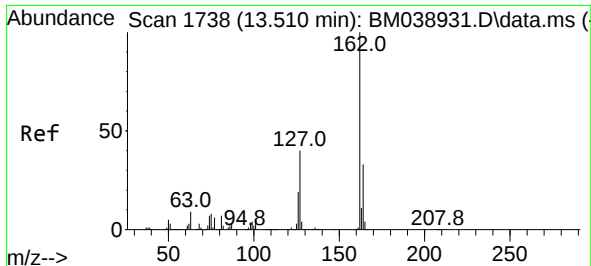
Tgt Ion:172 Resp: 5001695
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.4 19.1 28.7



#46
1,1'-Biphenyl
Concen: 46.134 ng
RT: 13.445 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:154 Resp: 3805818
Ion Ratio Lower Upper
154 100
153 39.8 19.3 59.3
76 13.7 0.0 34.0

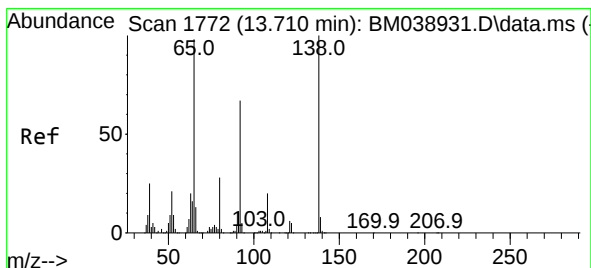
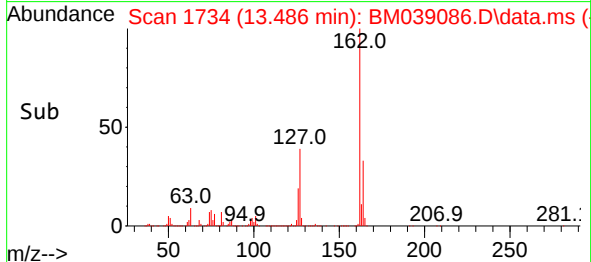
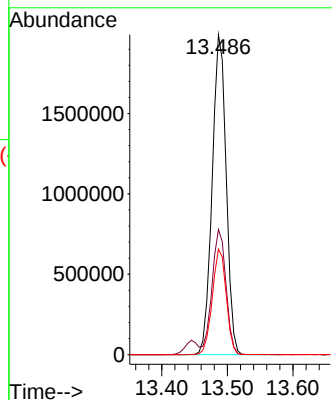
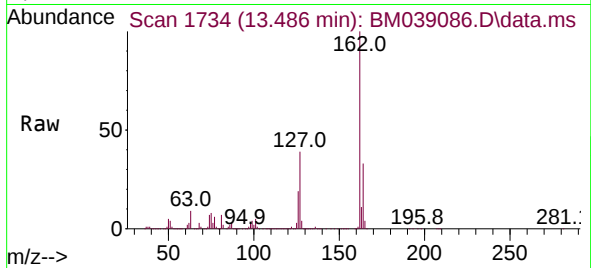




#47
2-Chloronaphthalene
Concen: 47.454 ng
RT: 13.486 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

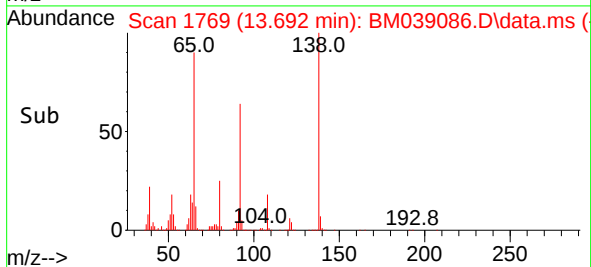
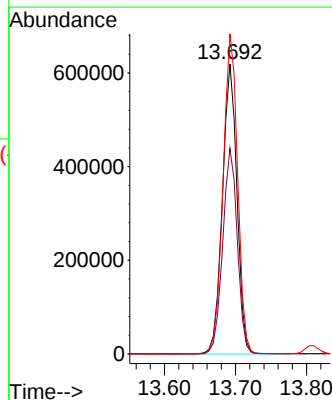
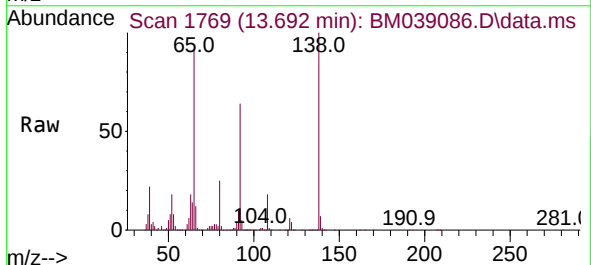
Instrument :
BNA_M
ClientSampleId :
PB151573BS

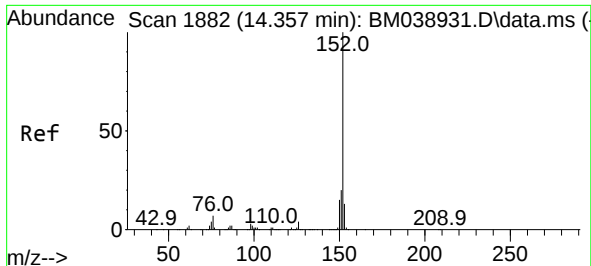
Tgt Ion:162 Resp: 2951957
Ion Ratio Lower Upper
162 100
127 39.1 32.1 48.1
164 33.0 26.2 39.4



#48
2-Nitroaniline
Concen: 44.567 ng
RT: 13.692 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion: 65 Resp: 884327
Ion Ratio Lower Upper
65 100
92 71.0 54.9 82.3
138 110.5 81.6 122.4

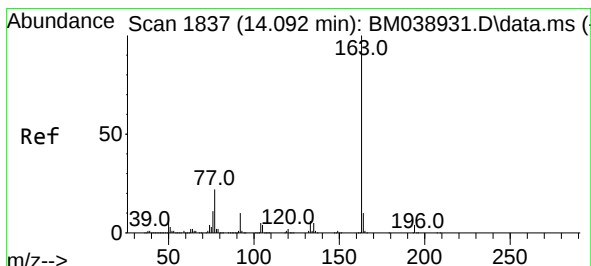
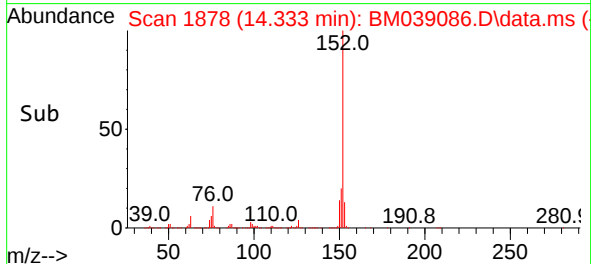
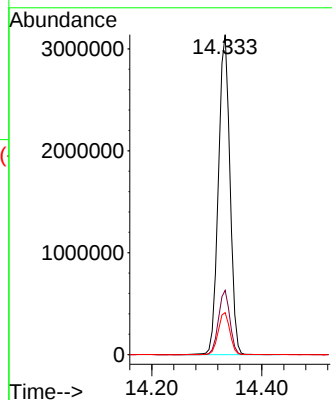
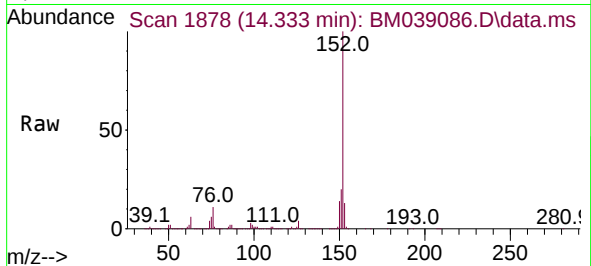




#49
Acenaphthylene
Concen: 46.120 ng
RT: 14.333 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

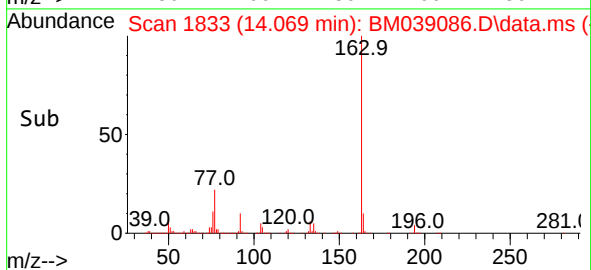
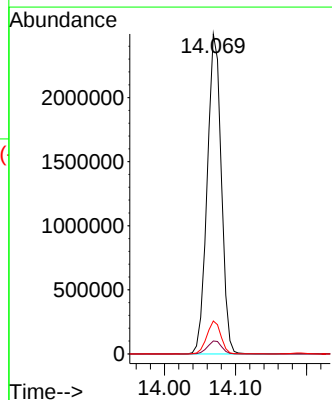
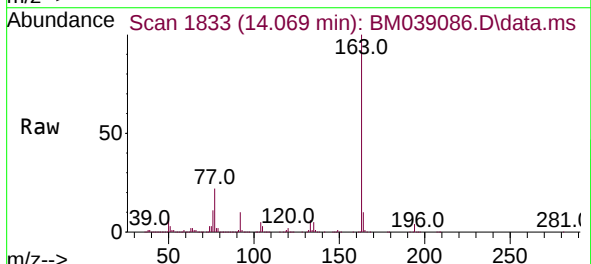
Instrument :
BNA_M
ClientSampleId :
PB151573BS

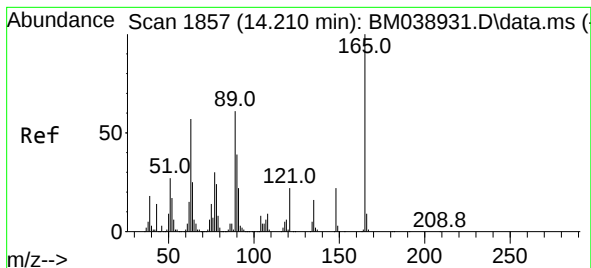
Tgt Ion:152 Resp: 4569879
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 45.612 ng
RT: 14.069 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:163 Resp: 3417669
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.1 12.1

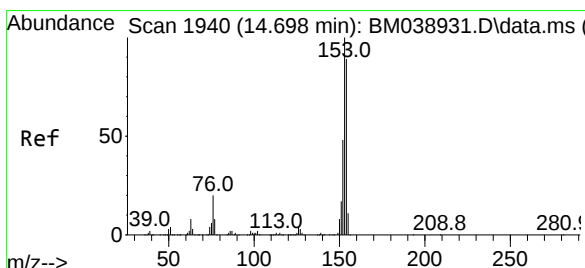
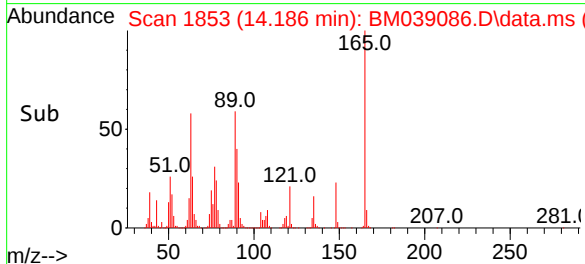
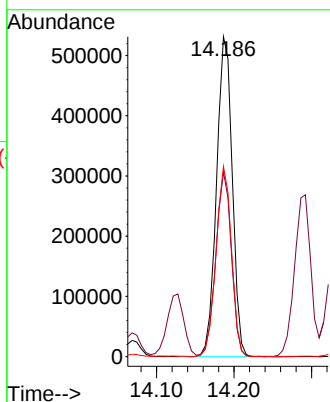
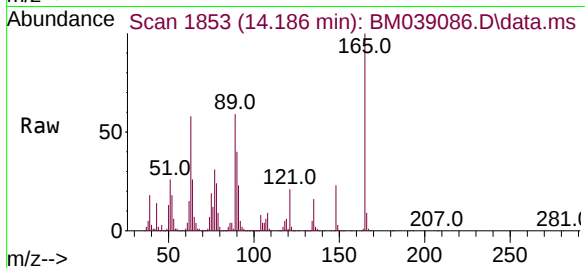




#51
2,6-Dinitrotoluene
Concen: 45.236 ng
RT: 14.186 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

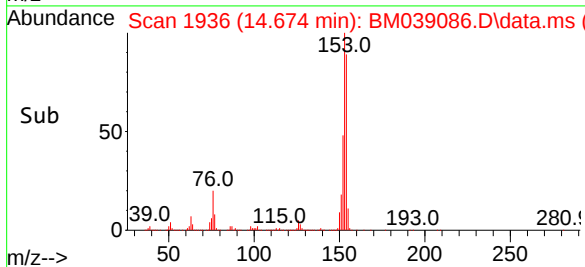
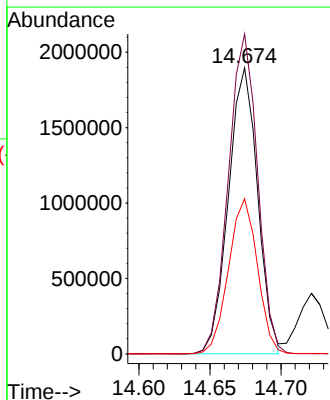
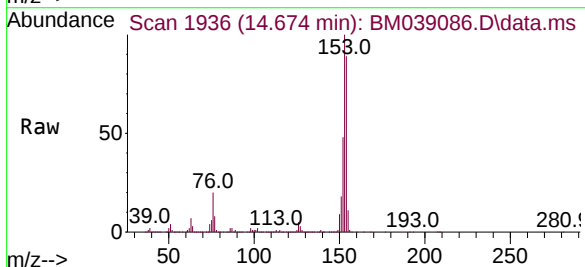
Instrument :
BNA_M
ClientSampleId :
PB151573BS

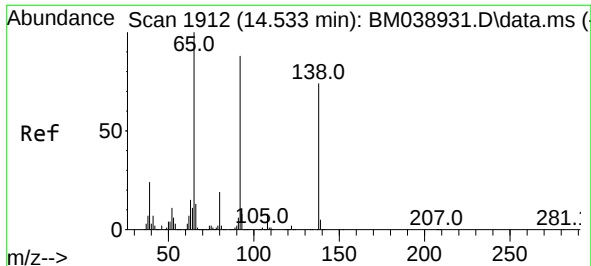
Tgt Ion:165 Resp: 748247
Ion Ratio Lower Upper
165 100
63 57.7 46.6 70.0
89 59.4 48.6 73.0



#52
Acenaphthene
Concen: 44.555 ng
RT: 14.674 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:154 Resp: 2713151
Ion Ratio Lower Upper
154 100
153 111.9 90.2 135.2
152 54.2 43.4 65.2

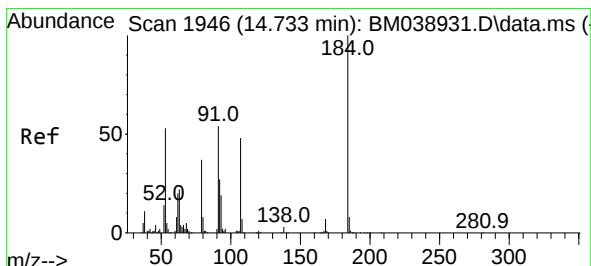
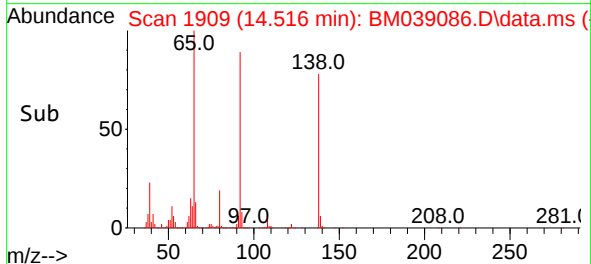
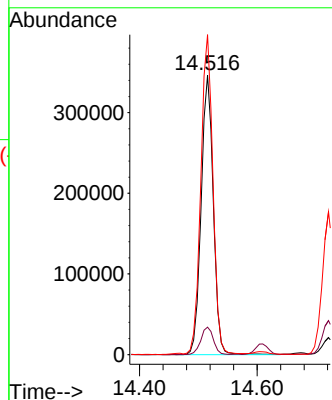
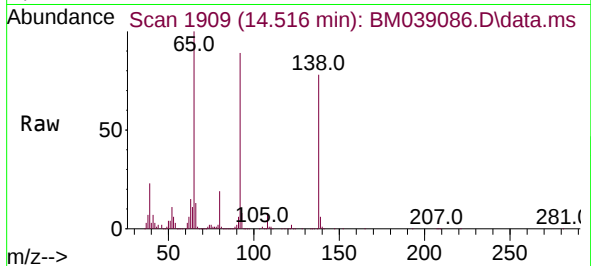




#53
3-Nitroaniline
Concen: 26.327 ng
RT: 14.516 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

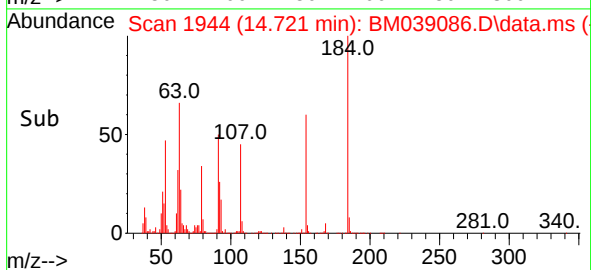
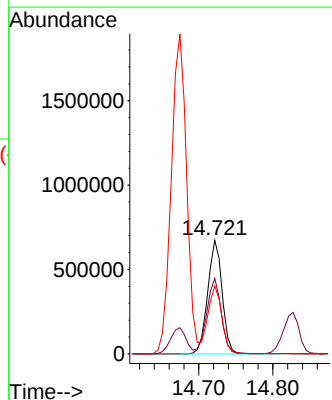
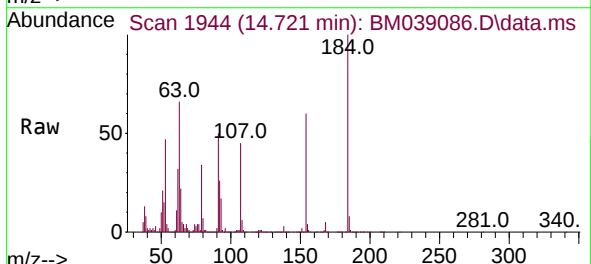
Instrument :
BNA_M
ClientSampleId :
PB151573BS

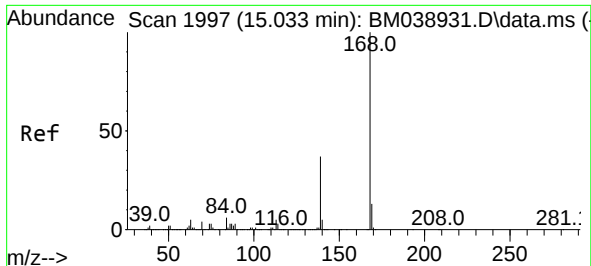
Tgt Ion:138 Resp: 495620
Ion Ratio Lower Upper
138 100
108 9.8 8.3 12.5
92 114.5 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 94.639 ng
RT: 14.721 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:184 Resp: 911074
Ion Ratio Lower Upper
184 100
63 66.4 60.6 90.8
154 59.7 51.4 77.2

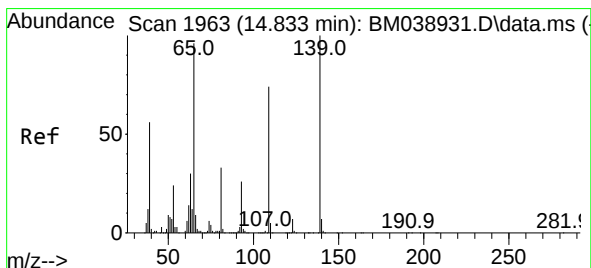
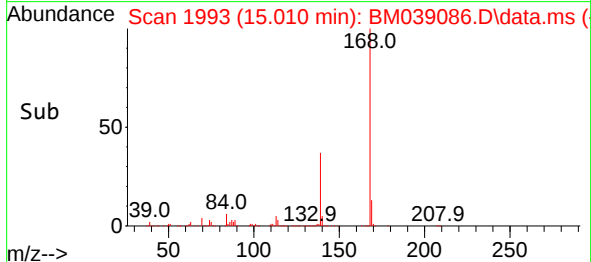
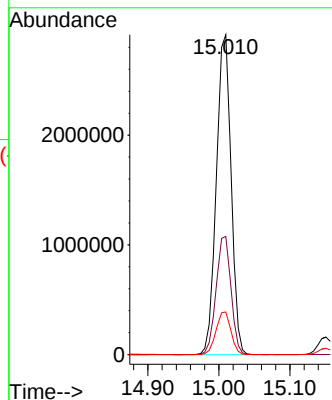
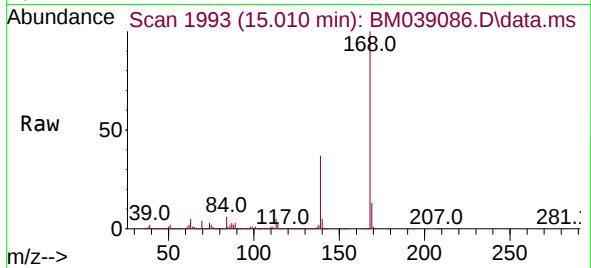




#55
Dibenzenofuran
Concen: 44.277 ng
RT: 15.010 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

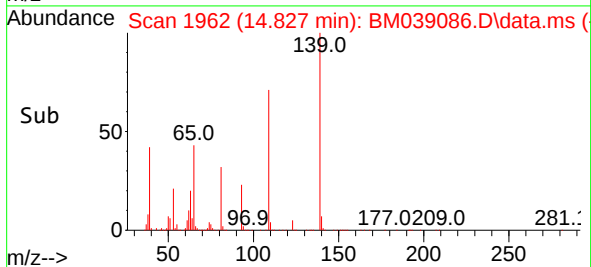
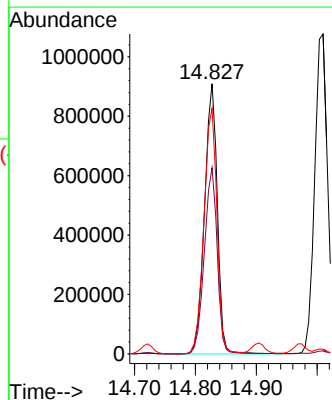
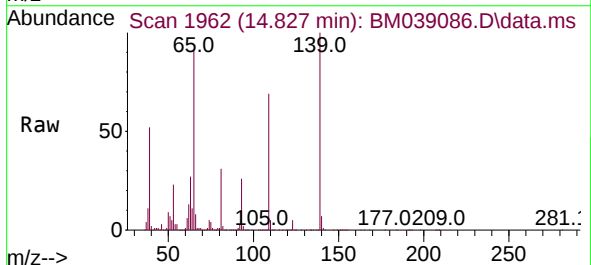
Instrument :
BNA_M
ClientSampleId :
PB151573BS

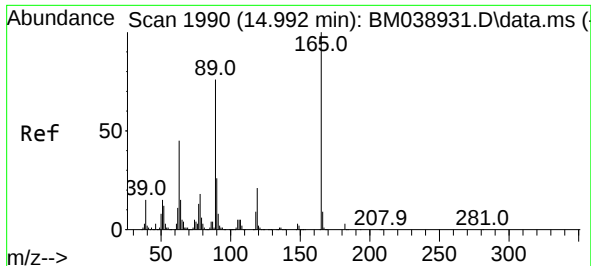
Tgt Ion:168 Resp: 4219155
Ion Ratio Lower Upper
168 100
139 36.9 29.9 44.9
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 88.694 ng
RT: 14.827 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:139 Resp: 1319884
Ion Ratio Lower Upper
139 100
109 68.9 53.5 93.5
65 90.9 76.4 116.4

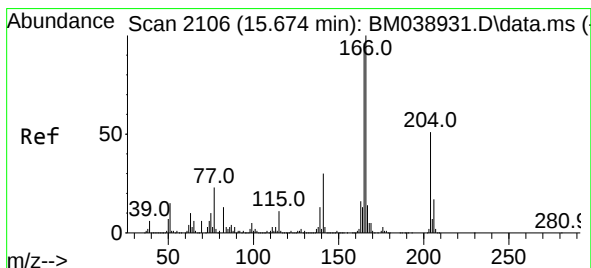
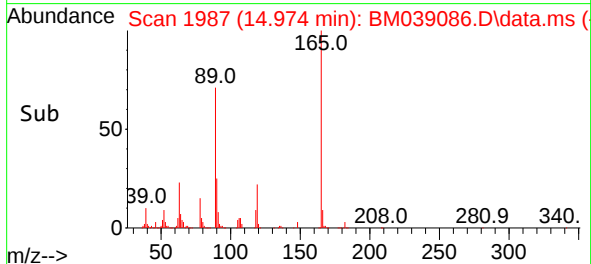
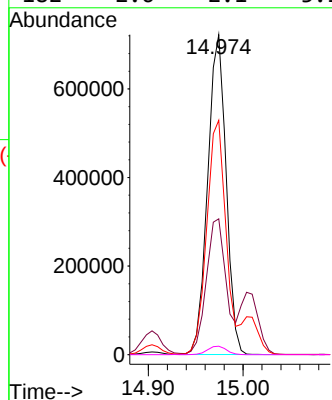
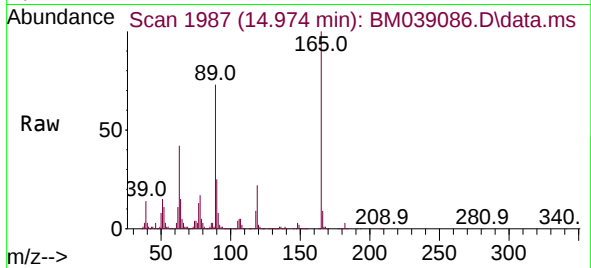




#57
2,4-Dinitrotoluene
Concen: 45.032 ng
RT: 14.974 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

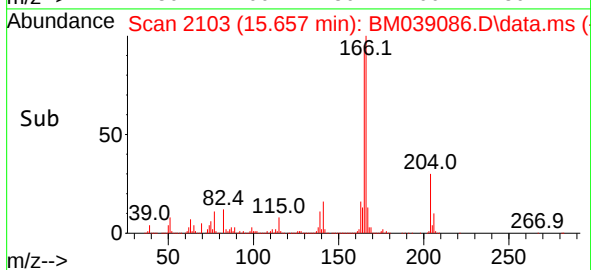
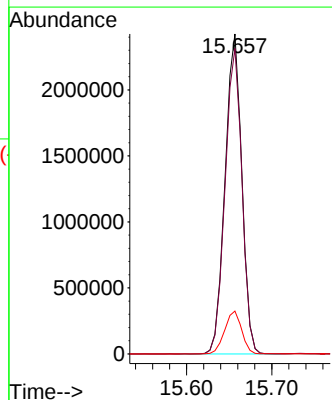
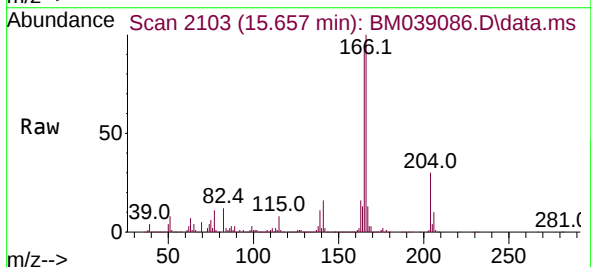
Instrument :
BNA_M
ClientSampleId :
PB151573BS

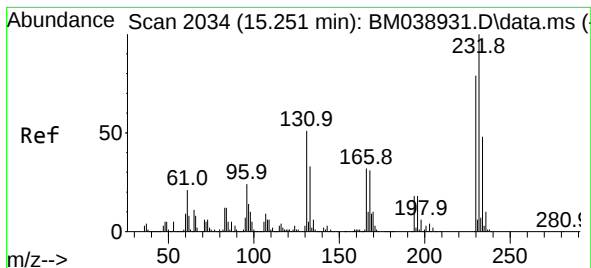
Tgt Ion:165 Resp: 979141
Ion Ratio Lower Upper
165 100
63 42.5 35.9 53.9
89 73.2 61.0 91.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 44.290 ng
RT: 15.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:166 Resp: 3305987
Ion Ratio Lower Upper
166 100
165 95.4 77.1 115.7
167 13.4 10.9 16.3

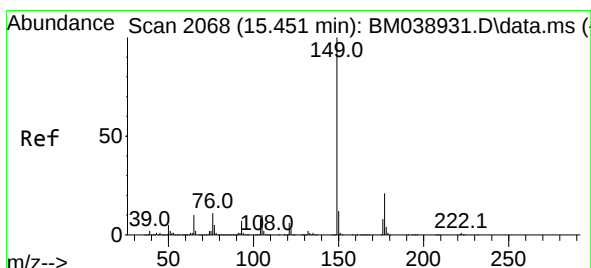
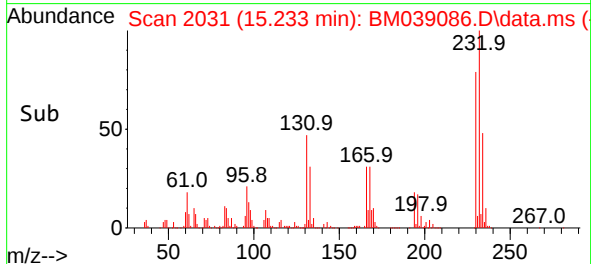
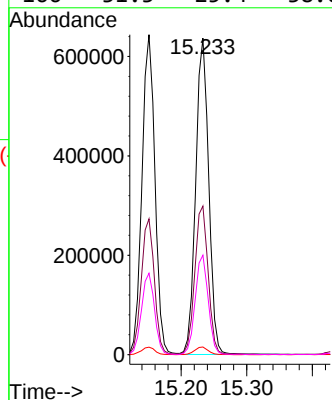
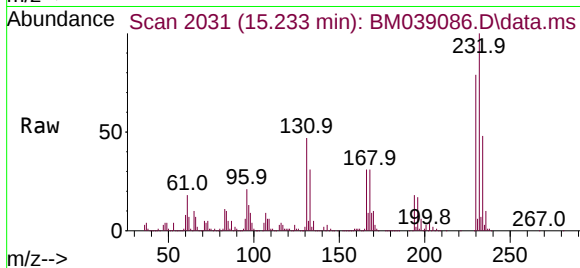




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.350 ng
RT: 15.233 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

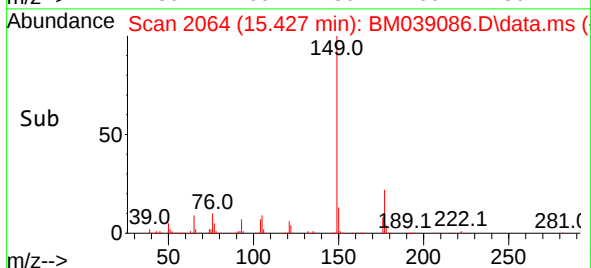
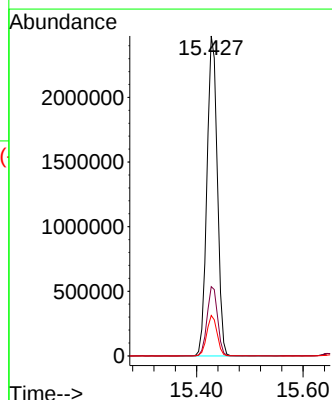
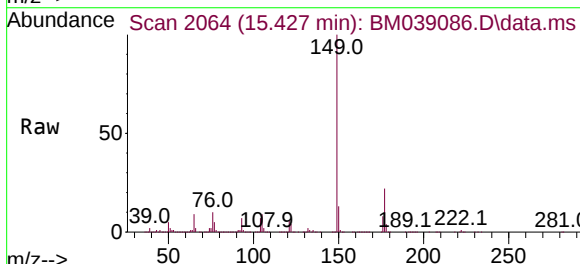
Instrument :
BNA_M
ClientSampleId :
PB151573BS

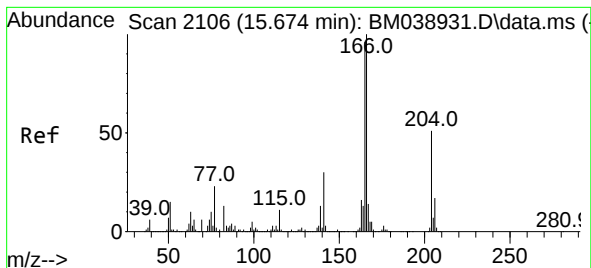
Tgt Ion:232 Resp: 876200
Ion Ratio Lower Upper
232 100
131 48.1 40.0 60.0
130 2.5 2.0 3.0
166 31.3 25.4 38.0



#60
Diethylphthalate
Concen: 45.769 ng
RT: 15.427 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:149 Resp: 3336890
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.6 9.7 14.5

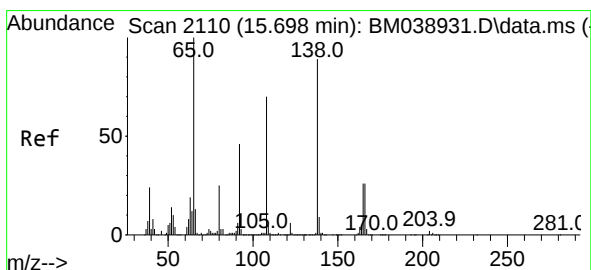
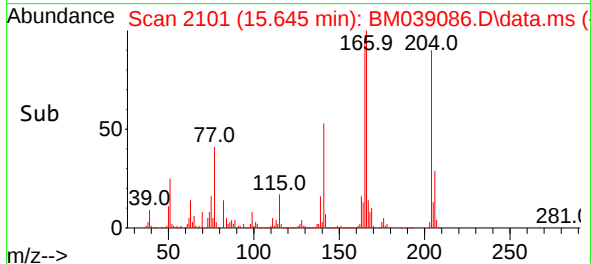
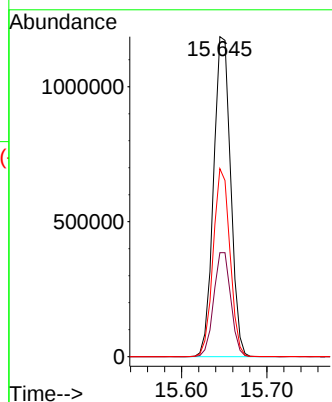
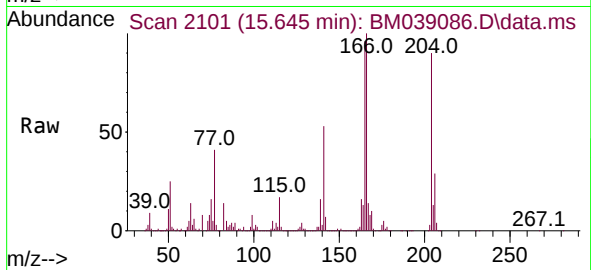




#61
4-Chlorophenyl-phenylether
Concen: 44.932 ng
RT: 15.645 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

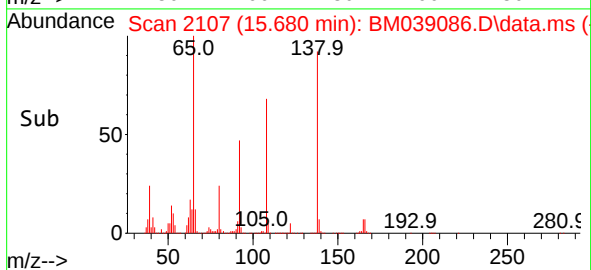
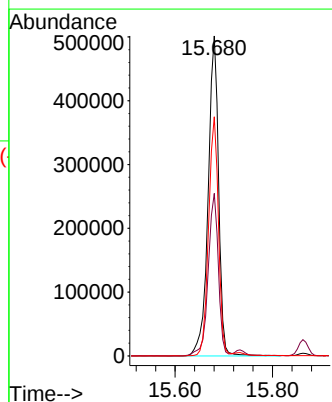
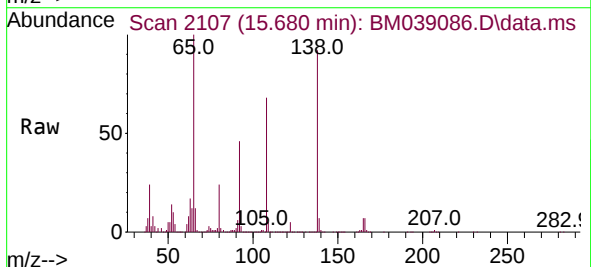
Instrument :
BNA_M
ClientSampleId :
PB151573BS

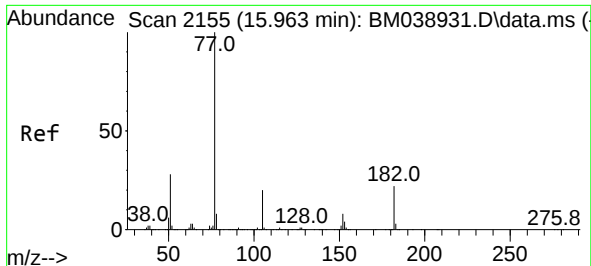
Tgt Ion:204 Resp: 1647671
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 58.7 46.4 69.6



#62
4-Nitroaniline
Concen: 38.640 ng
RT: 15.680 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:138 Resp: 754900
Ion Ratio Lower Upper
138 100
92 50.8 31.6 71.6
108 74.7 58.6 98.6

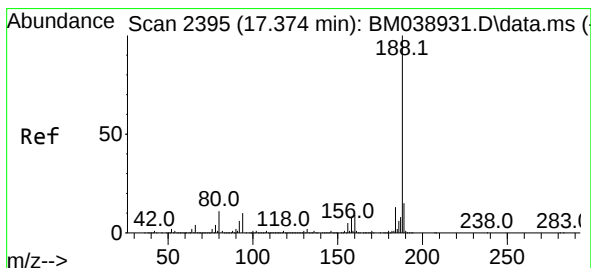
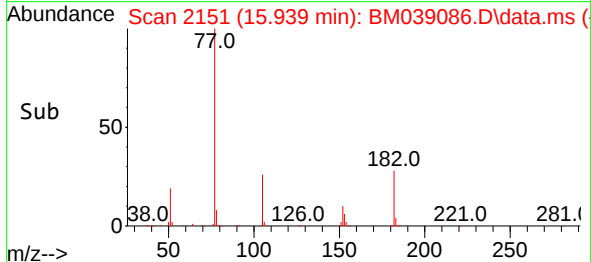
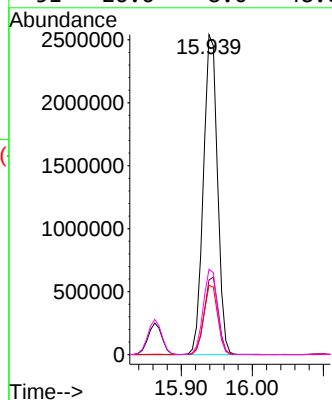
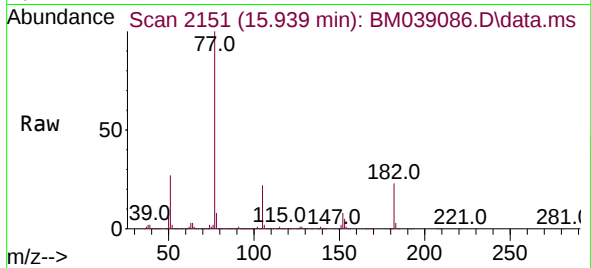




#63
Azobenzene
Concen: 45.009 ng
RT: 15.939 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

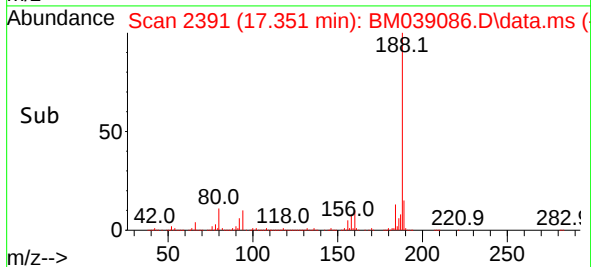
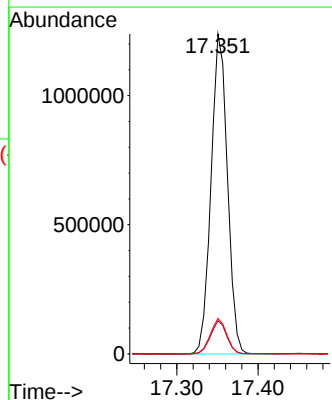
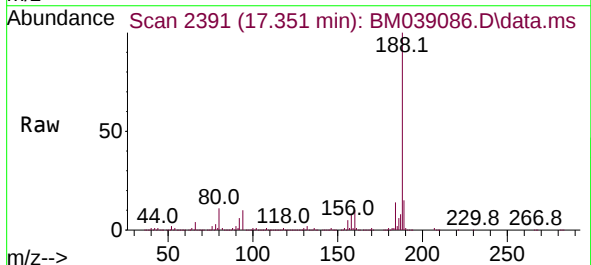
Instrument :
BNA_M
ClientSampleId :
PB151573BS

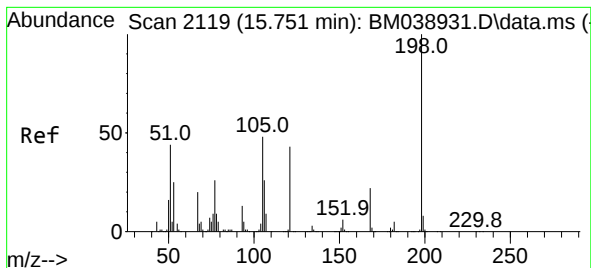
Tgt Ion: 77 Resp: 3472190
Ion Ratio Lower Upper
77 100
182 23.3 2.0 42.0
105 21.6 0.4 40.4
51 26.6 8.0 48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion: 188 Resp: 1739326
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.1 8.5 12.7

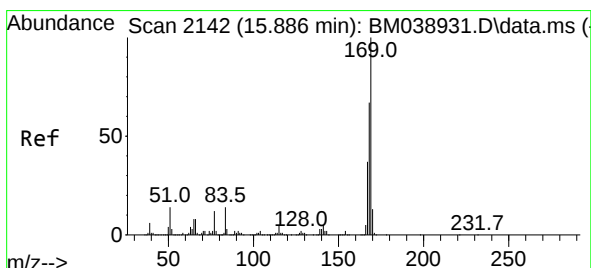
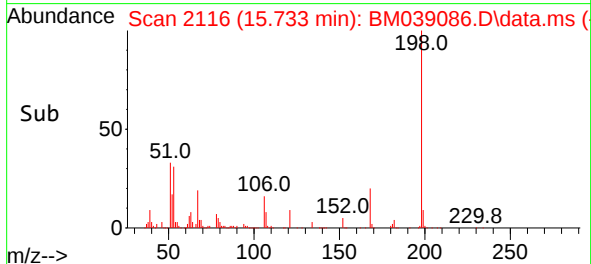
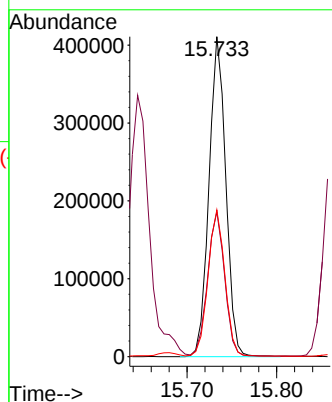
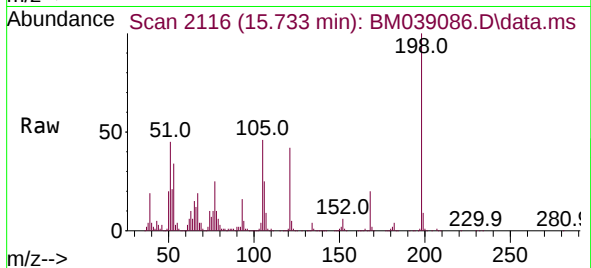




#65
4,6-Dinitro-2-methylphenol
Concen: 46.861 ng
RT: 15.733 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

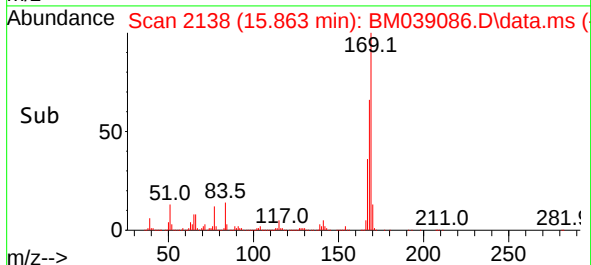
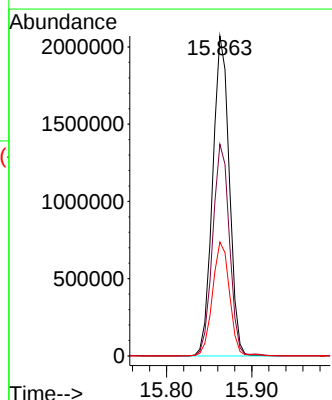
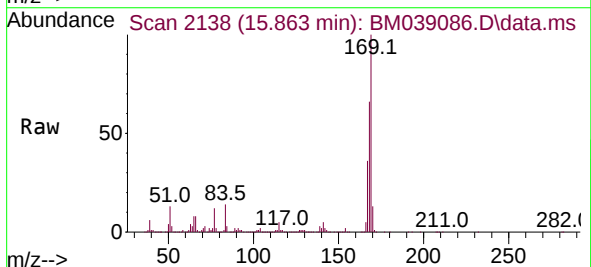
Instrument :
BNA_M
ClientSampleId :
PB151573BS

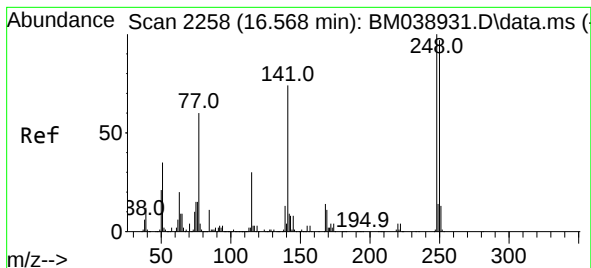
Tgt Ion:198 Resp: 534094
Ion Ratio Lower Upper
198 100
51 45.3 30.1 70.1
105 45.8 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 47.829 ng
RT: 15.863 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:169 Resp: 2804537
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.0
167 35.6 29.4 44.0

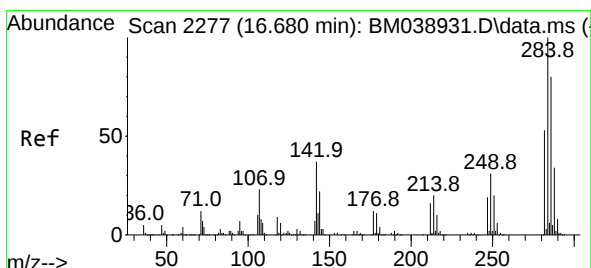
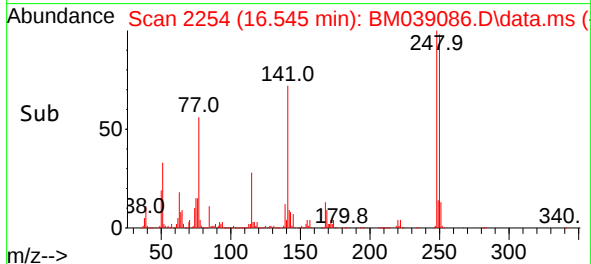
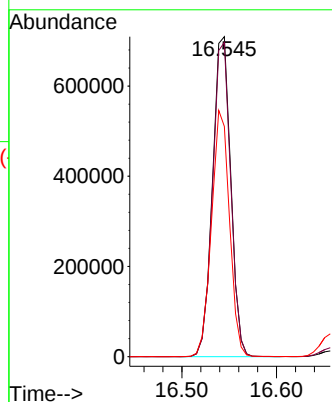
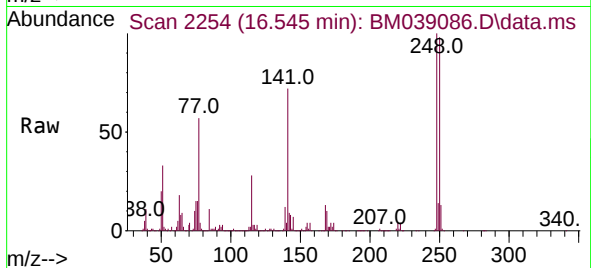




#67
4-Bromophenyl-phenylether
Concen: 50.532 ng
RT: 16.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

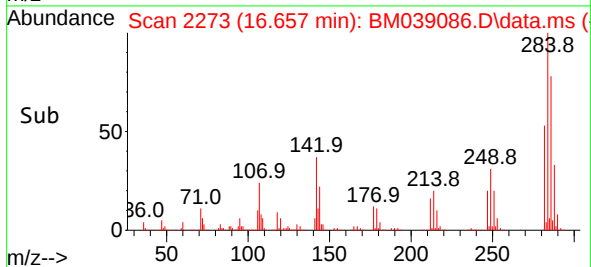
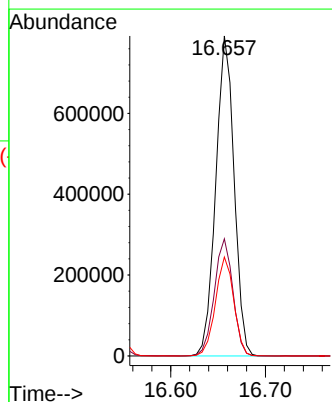
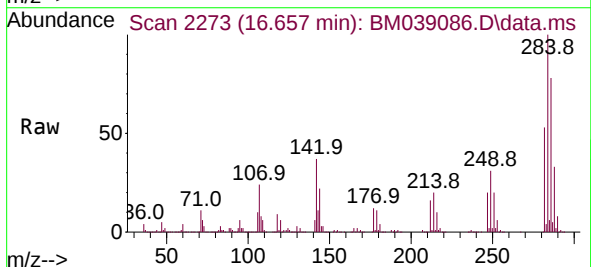
Instrument :
BNA_M
ClientSampleId :
PB151573BS

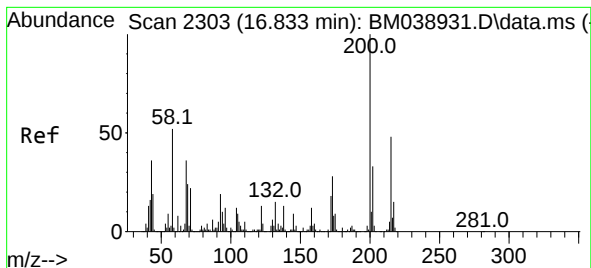
Tgt Ion:248 Resp: 949328
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.8
141 71.9 59.0 88.4



#68
Hexachlorobenzene
Concen: 50.622 ng
RT: 16.657 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:284 Resp: 1063145
Ion Ratio Lower Upper
284 100
142 36.6 29.5 44.3
249 30.9 25.0 37.4





#69

Atrazine

Concen: 54.643 ng

RT: 16.815 min Scan# 2300

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

Instrument :

BNA_M

ClientSampleId :

PB151573BS

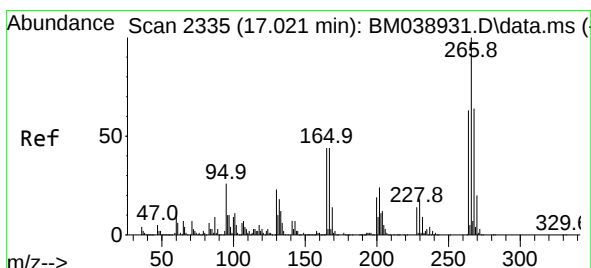
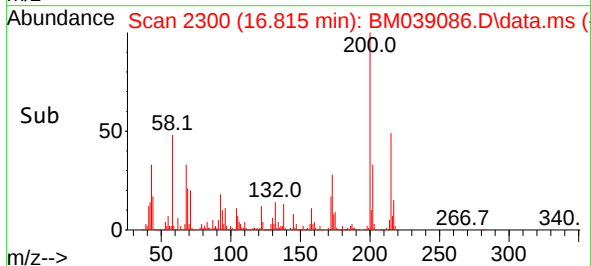
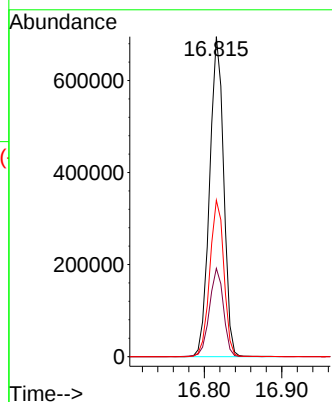
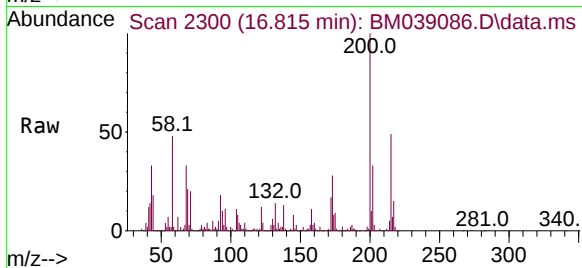
Tgt Ion:200 Resp: 875179

Ion Ratio Lower Upper

200 100

173 27.6 8.2 48.2

215 48.9 27.8 67.8



#70

Pentachlorophenol

Concen: 83.407 ng

RT: 17.004 min Scan# 2332

Delta R.T. 0.006 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

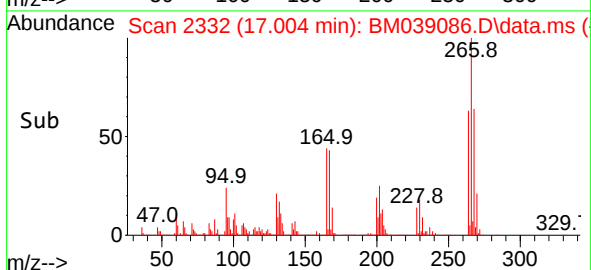
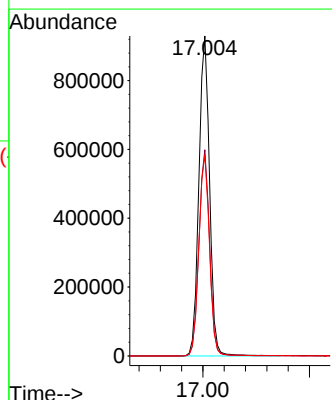
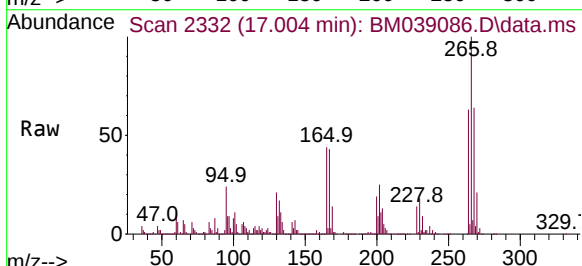
Tgt Ion:266 Resp: 1288360

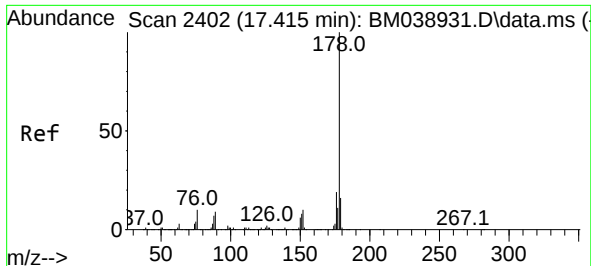
Ion Ratio Lower Upper

266 100

268 64.4 51.0 76.4

264 62.9 50.3 75.5

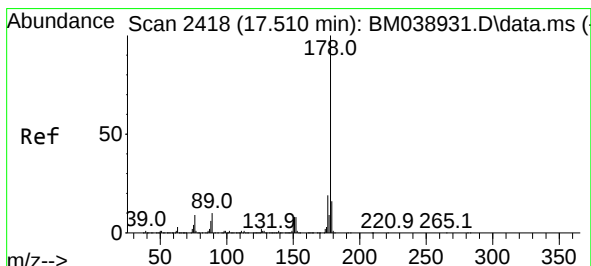
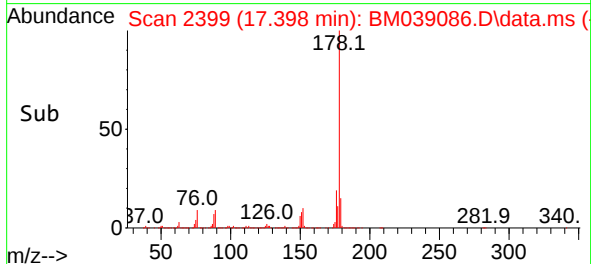
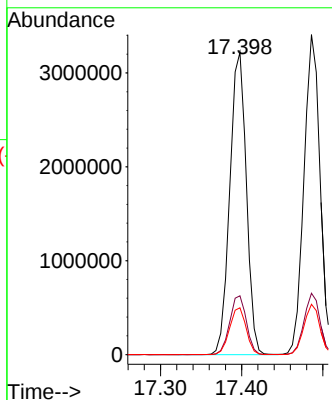
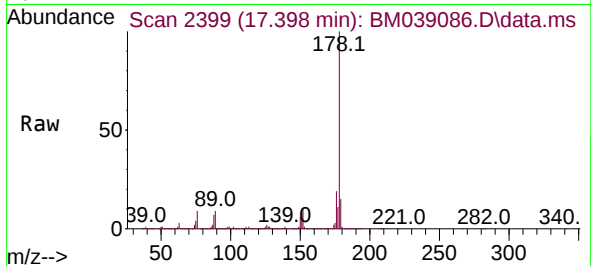




#71
 Phenanthrene
 Concen: 44.667 ng
 RT: 17.398 min Scan# 2402
 Delta R.T. 0.006 min
 Lab File: BM039086.D
 Acq: 22 Mar 2023 11:01

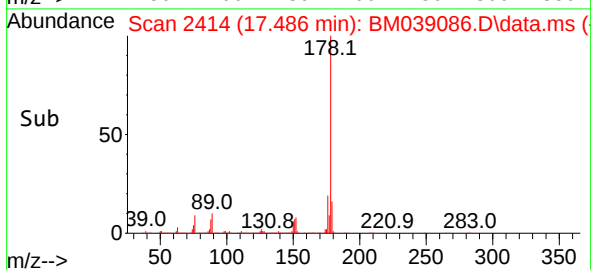
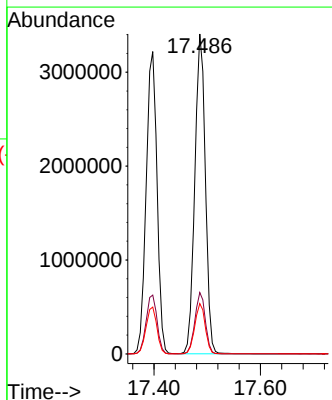
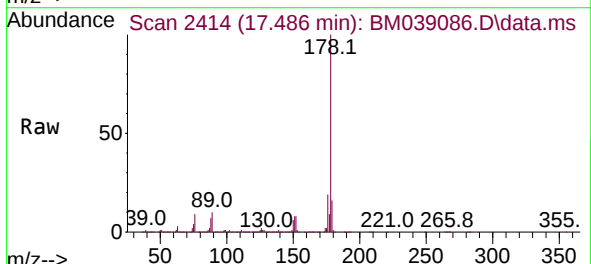
Instrument :
 BNA_M
 ClientSampleId :
 PB151573BS

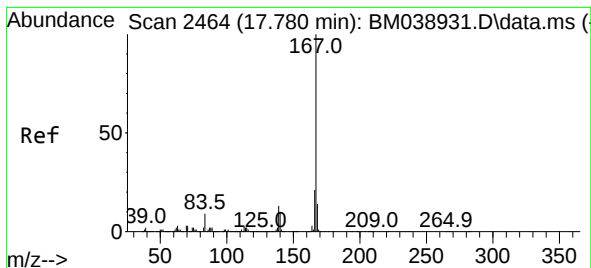
Tgt Ion:178 Resp: 4559714
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.5 12.5 18.7



#72
 Anthracene
 Concen: 46.050 ng
 RT: 17.486 min Scan# 2414
 Delta R.T. 0.000 min
 Lab File: BM039086.D
 Acq: 22 Mar 2023 11:01

Tgt Ion:178 Resp: 4688014
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 15.7 12.5 18.7





#73

Carbazole

Concen: 43.892 ng

RT: 17.757 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

Instrument :

BNA_M

ClientSampleId :

PB151573BS

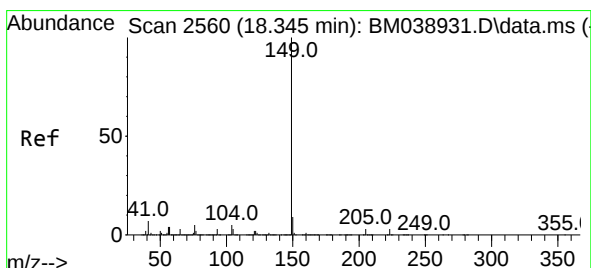
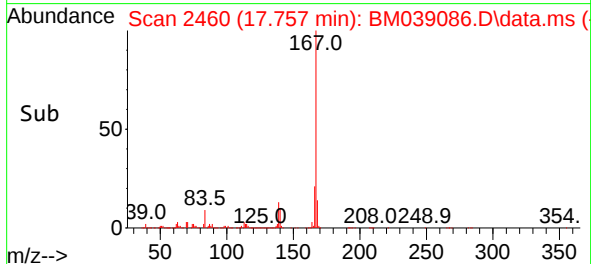
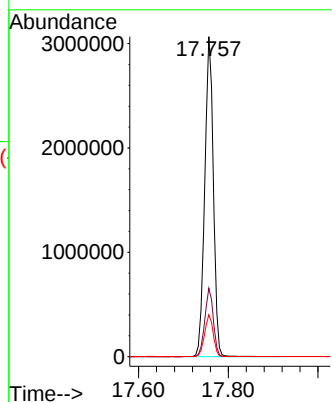
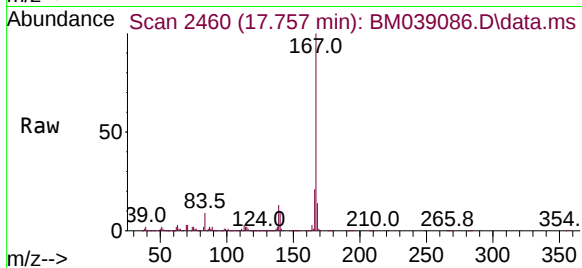
Tgt Ion:167 Resp: 4078054

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 45.394 ng

RT: 18.321 min Scan# 2556

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

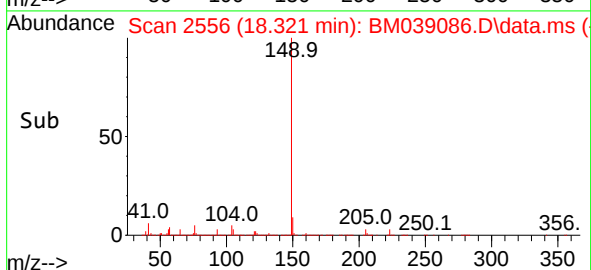
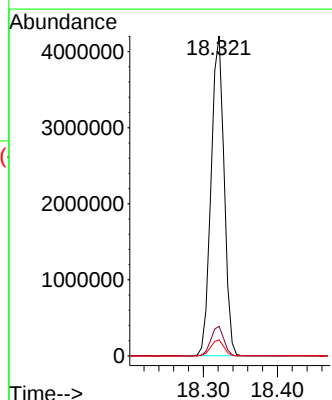
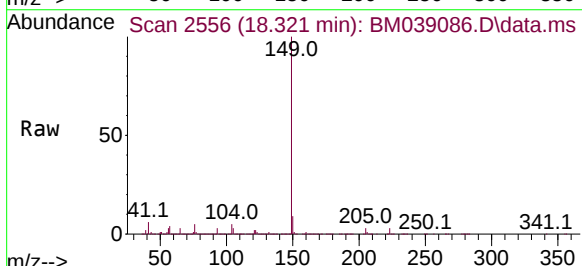
Tgt Ion:149 Resp: 5132688

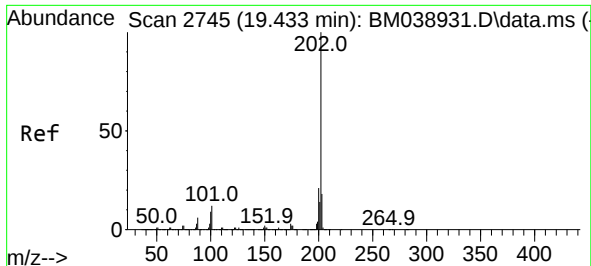
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.0 4.3 6.5

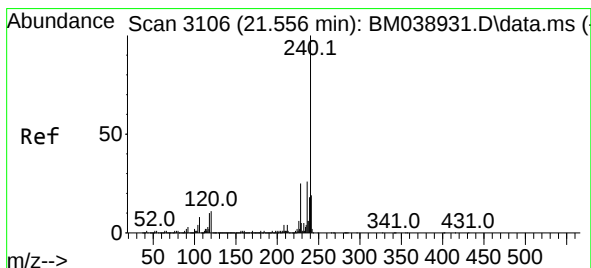
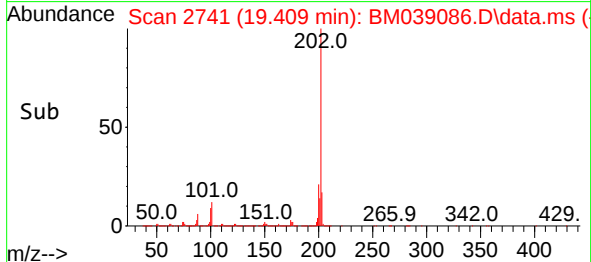
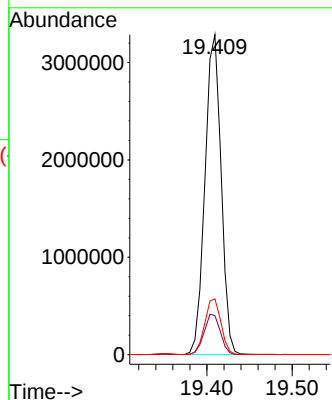
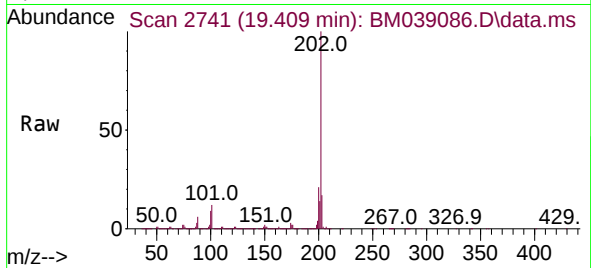




#75
Fluoranthene
Concen: 40.127 ng
RT: 19.409 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

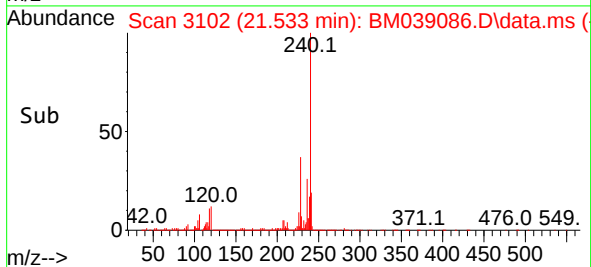
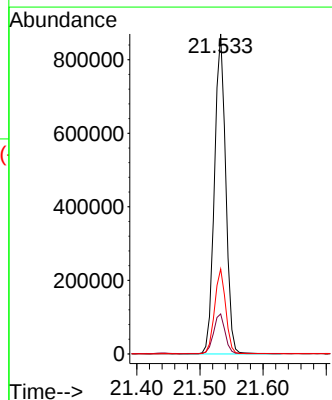
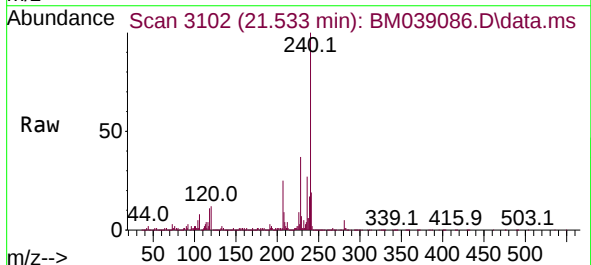
Instrument :
BNA_M
ClientSampleId :
PB151573BS

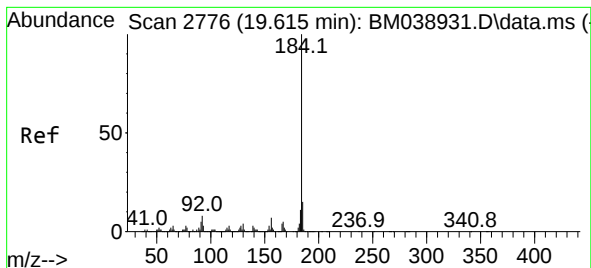
Tgt Ion:202 Resp: 4325003
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.7
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:240 Resp: 1079588
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 26.5 20.8 31.2





#77

Benzidine

Concen: 73.701 ng

RT: 19.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

Instrument :

BNA_M

ClientSampleId :

PB151573BS

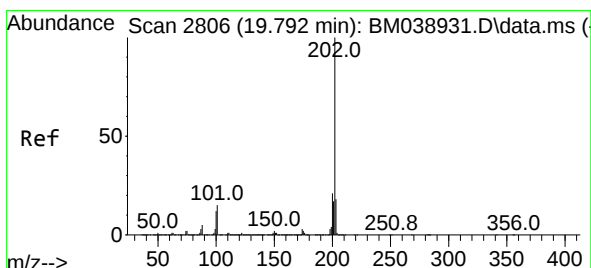
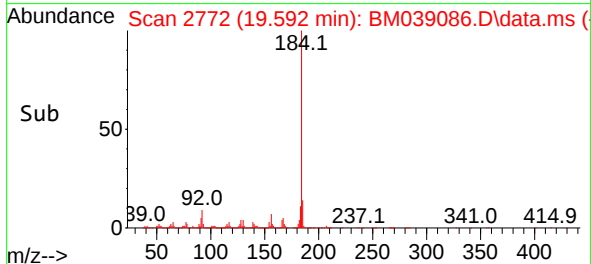
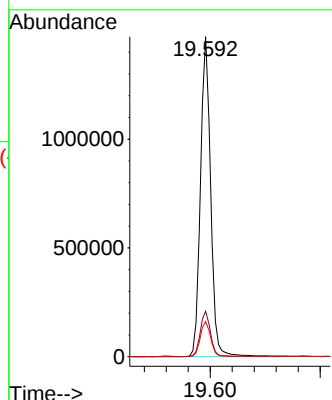
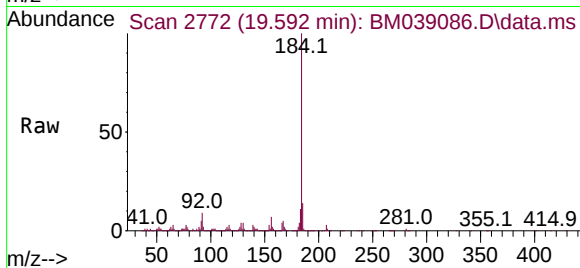
Tgt Ion:184 Resp: 1885190

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.4

183 10.9 8.8 13.2



#78

Pyrene

Concen: 55.274 ng

RT: 19.768 min Scan# 2802

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

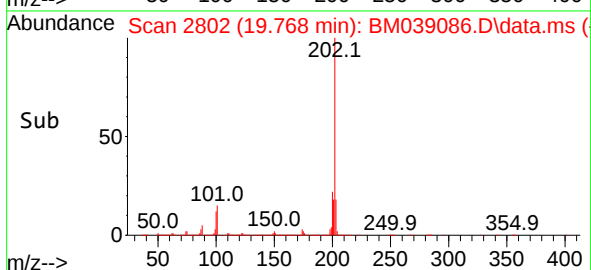
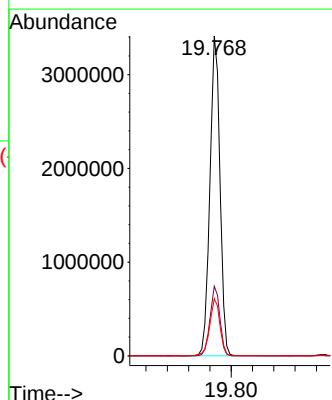
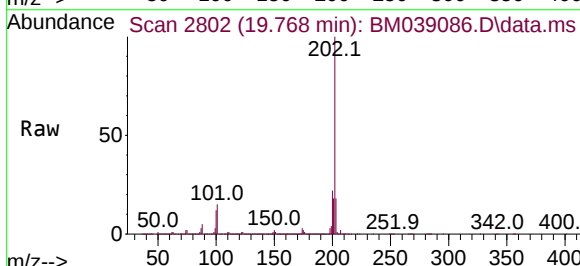
Tgt Ion:202 Resp: 4481940

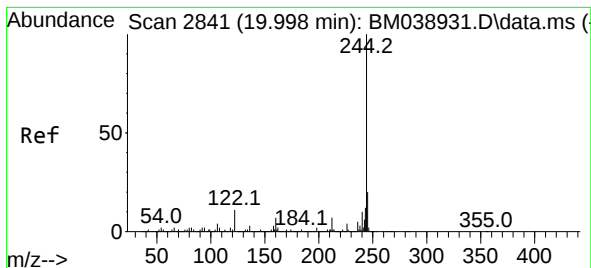
Ion Ratio Lower Upper

202 100

200 21.8 17.1 25.7

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 81.349 ng

RT: 19.968 min Scan# 2841

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

Instrument :

BNA_M

ClientSampleId :

PB151573BS

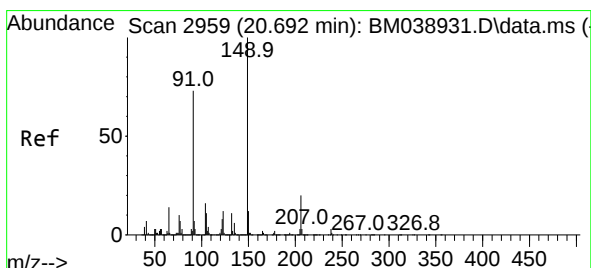
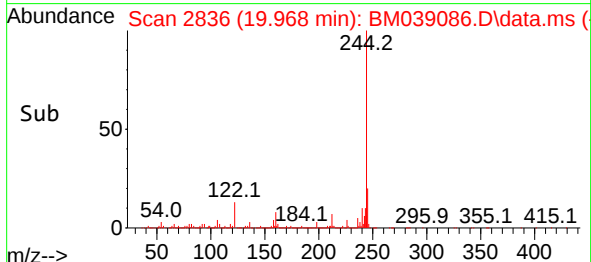
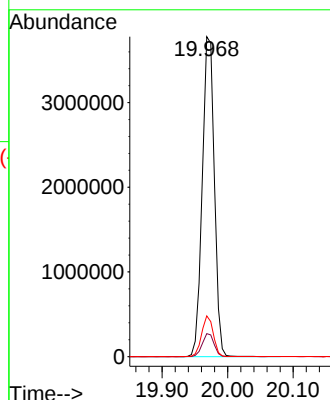
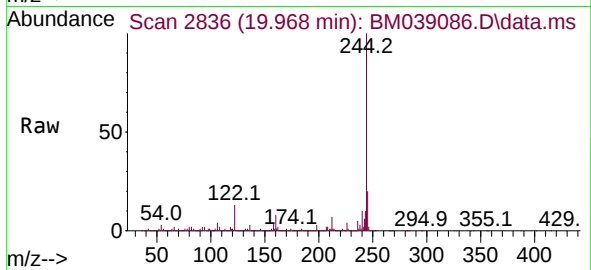
Tgt Ion:244 Resp: 4803497

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 12.7 9.0 13.4



#80

Butylbenzylphthalate

Concen: 53.142 ng

RT: 20.668 min Scan# 2955

Delta R.T. 0.006 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

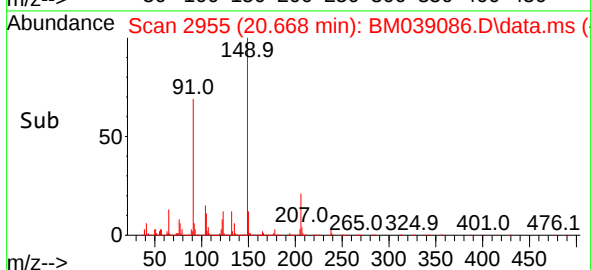
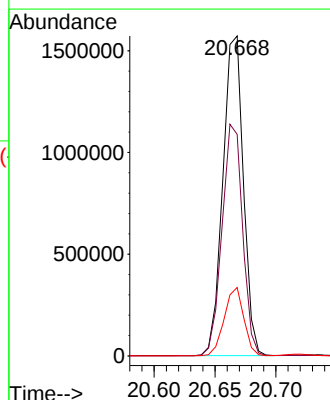
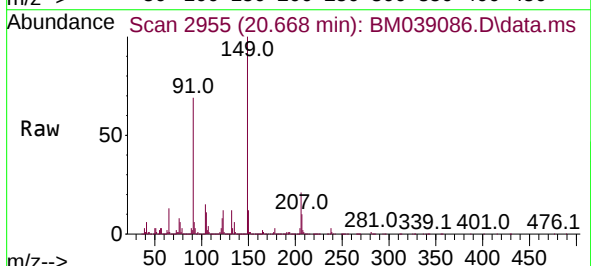
Tgt Ion:149 Resp: 1845401

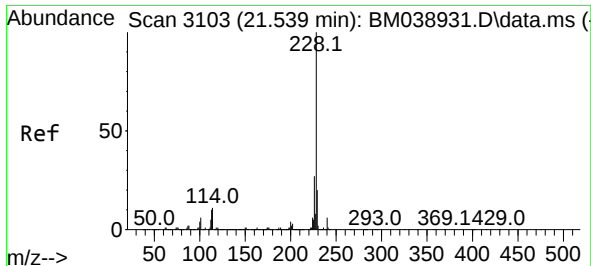
Ion Ratio Lower Upper

149 100

91 69.2 58.4 87.6

206 21.4 16.1 24.1

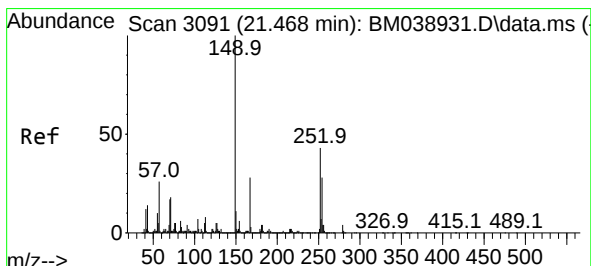
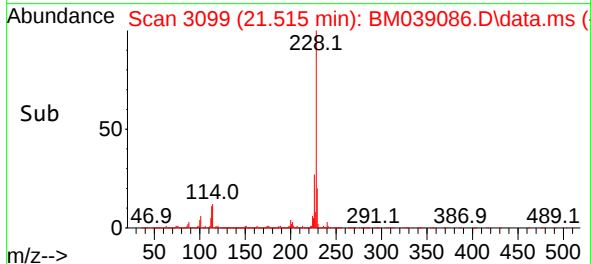
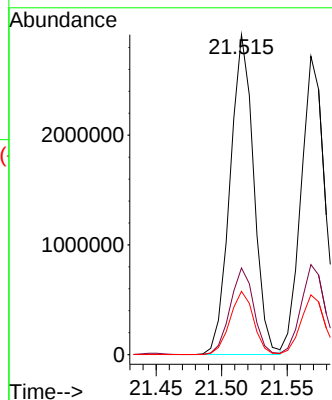
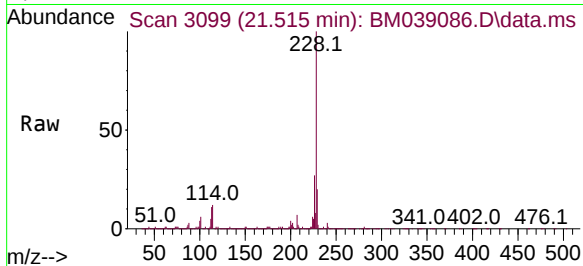




#81
Benzo(a)anthracene
Concen: 46.958 ng
RT: 21.515 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

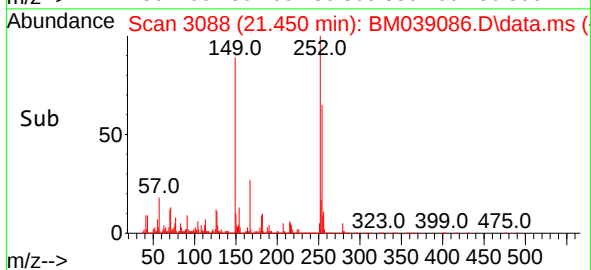
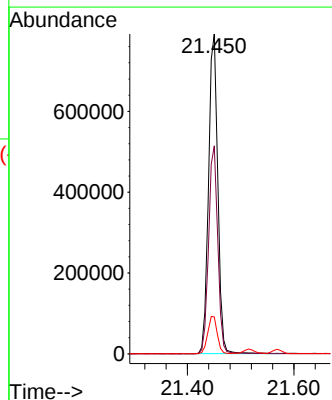
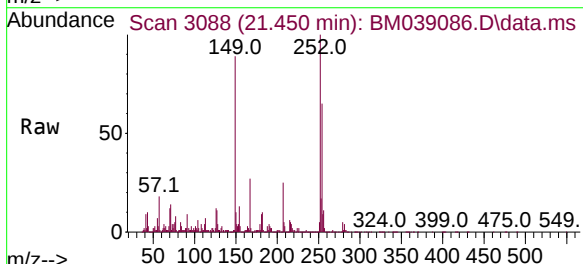
Instrument :
BNA_M
ClientSampleId :
PB151573BS

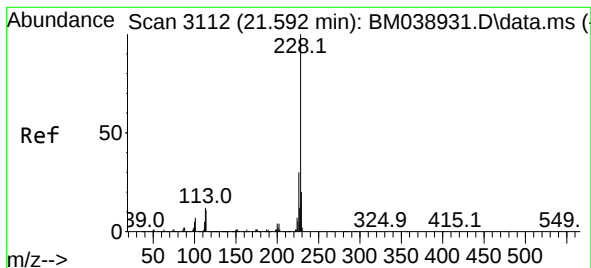
Tgt Ion:228 Resp: 3650840
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 39.895 ng
RT: 21.450 min Scan# 3088
Delta R.T. 0.006 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:252 Resp: 953272
Ion Ratio Lower Upper
252 100
254 65.0 51.5 77.3
126 11.6 9.9 14.9





#83

Chrysene

Concen: 45.157 ng

RT: 21.568 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

Instrument :

BNA_M

ClientSampleId :

PB151573BS

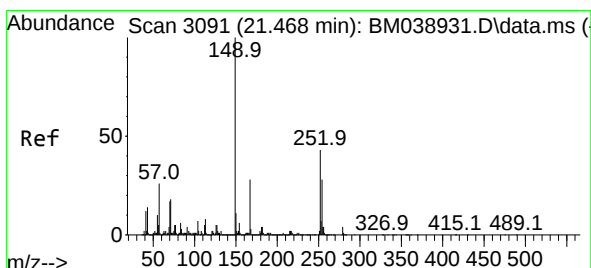
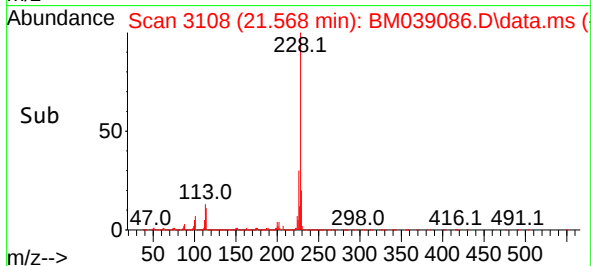
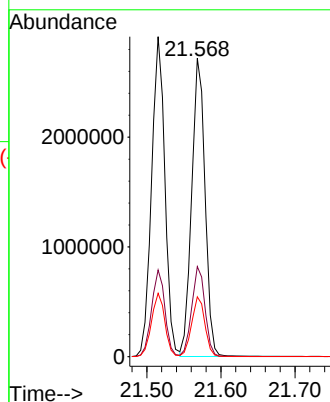
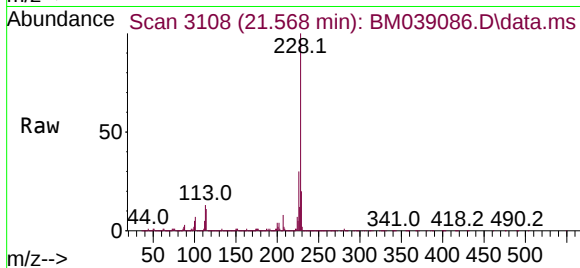
Tgt Ion:228 Resp: 3414526

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.367 ng

RT: 21.439 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

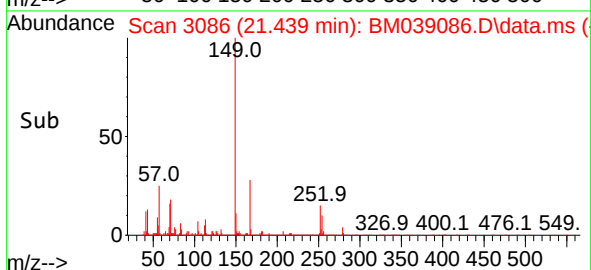
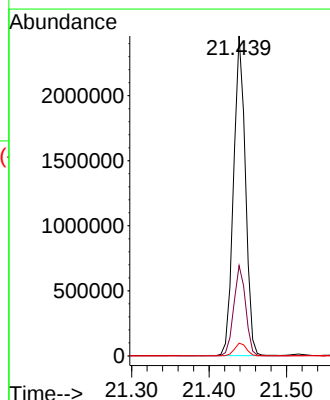
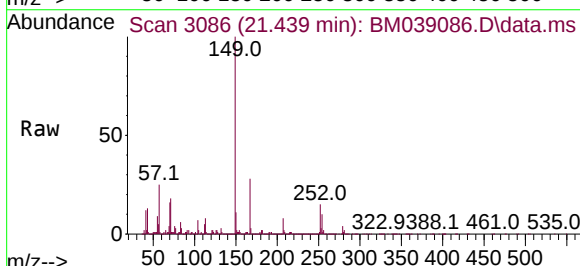
Tgt Ion:149 Resp: 2622424

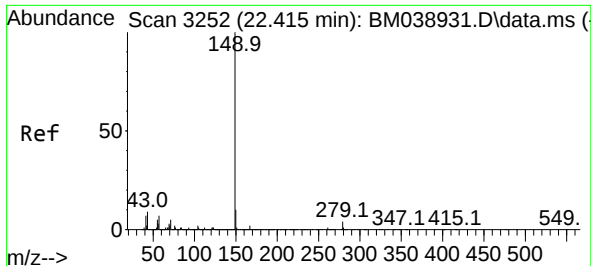
Ion Ratio Lower Upper

149 100

167 28.2 22.3 33.5

279 4.0 3.2 4.8

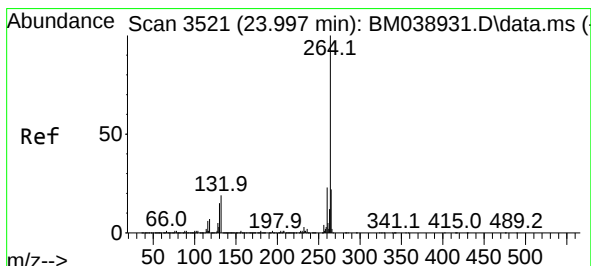
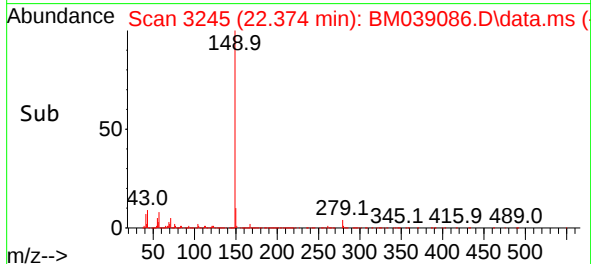
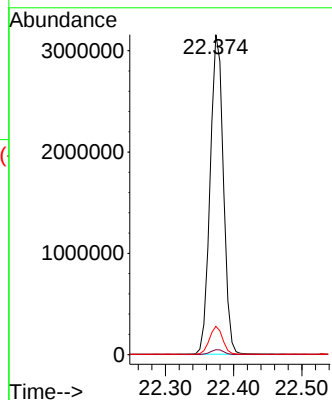
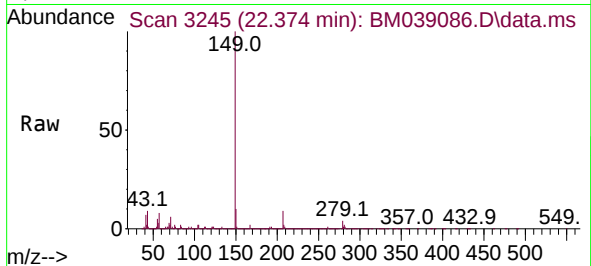




#85
Di-n-octyl phthalate
Concen: 51.140 ng
RT: 22.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

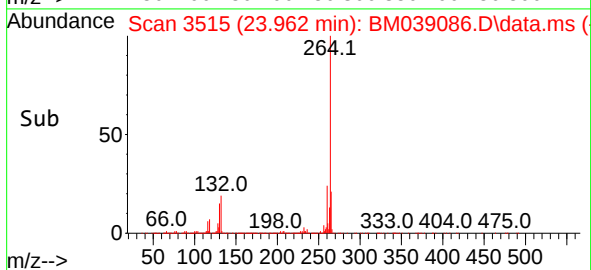
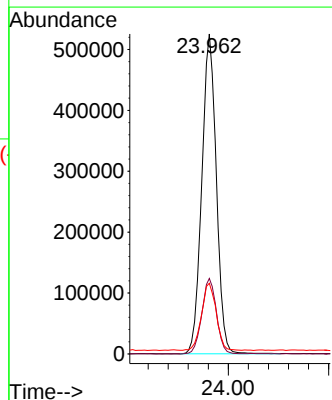
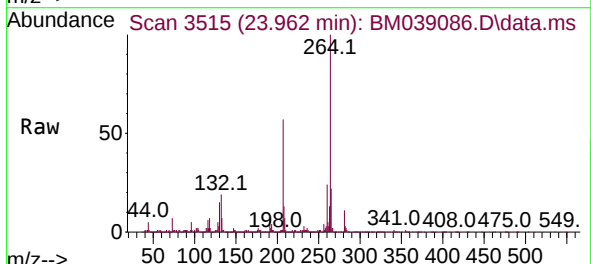
Instrument :
BNA_M
ClientSampleId :
PB151573BS

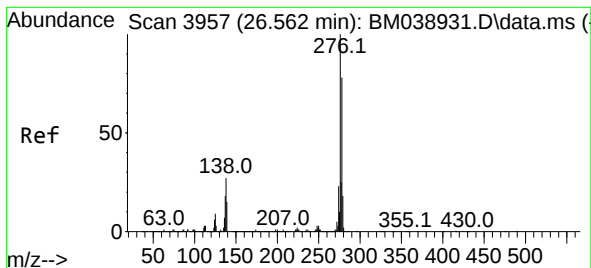
Tgt Ion:149 Resp: 4252962
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.6 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 3515
Delta R.T. 0.000 min
Lab File: BM039086.D
Acq: 22 Mar 2023 11:01

Tgt Ion:264 Resp: 1057786
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.827 ng

RT: 26.491 min Scan# 3945

Delta R.T. -0.006 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

Instrument :

BNA_M

ClientSampleId :

PB151573BS

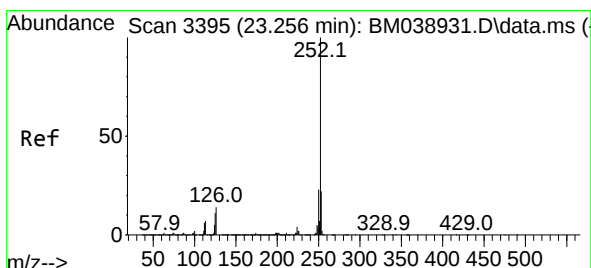
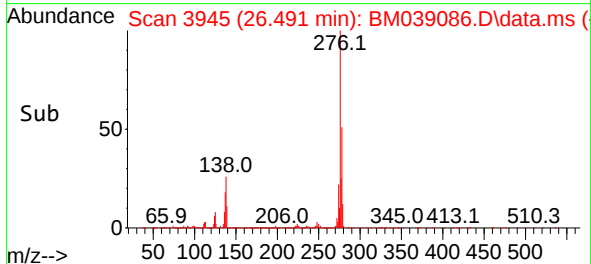
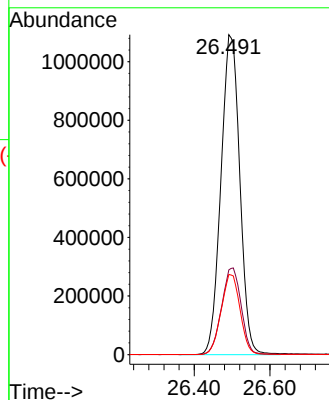
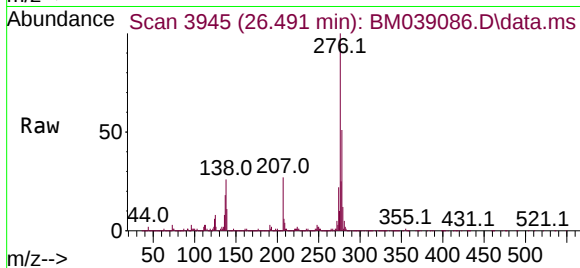
Tgt Ion:276 Resp: 3769123

Ion Ratio Lower Upper

276 100

138 28.1 22.1 33.1

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 48.579 ng

RT: 23.221 min Scan# 3389

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

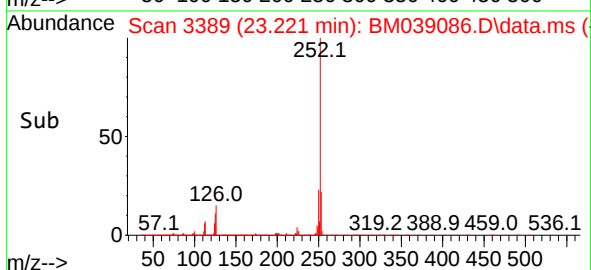
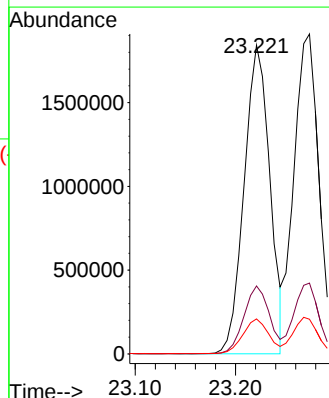
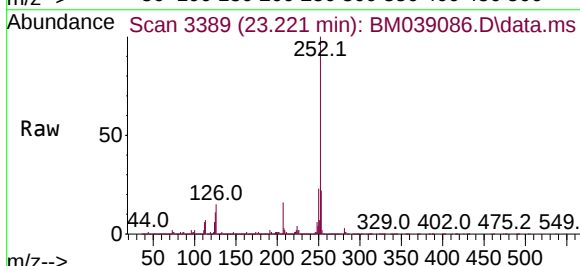
Tgt Ion:252 Resp: 3282880

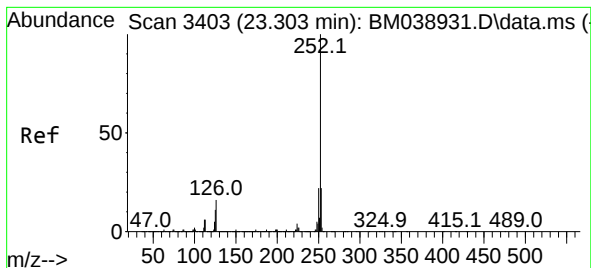
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.3 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 47.081 ng

RT: 23.274 min Scan# 3403

Delta R.T. 0.006 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

Instrument :

BNA_M

ClientSampleId :

PB151573BS

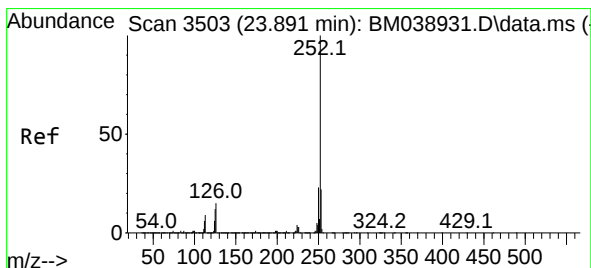
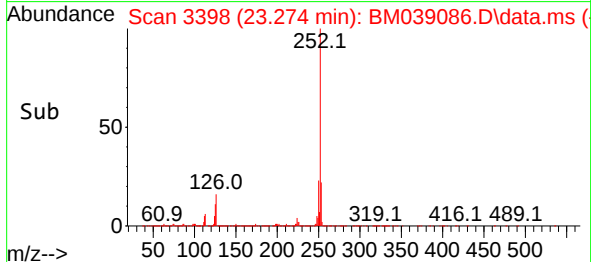
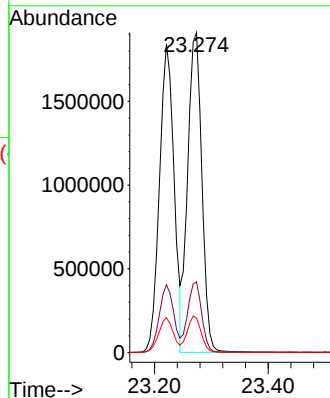
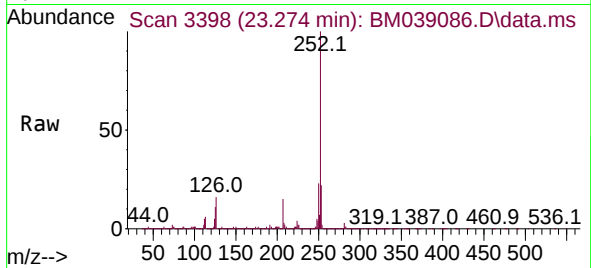
Tgt Ion:252 Resp: 3311140

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.8 8.9 13.3



#90

Benzo(a)pyrene

Concen: 44.247 ng

RT: 23.856 min Scan# 3497

Delta R.T. 0.000 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

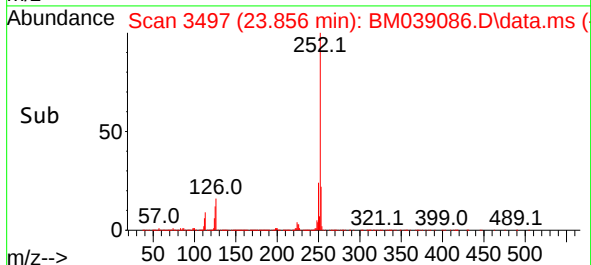
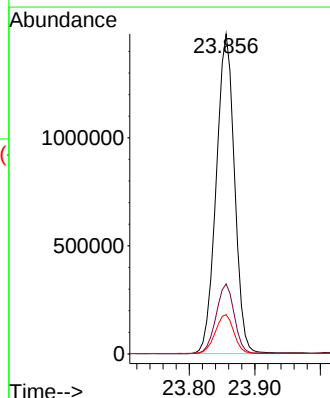
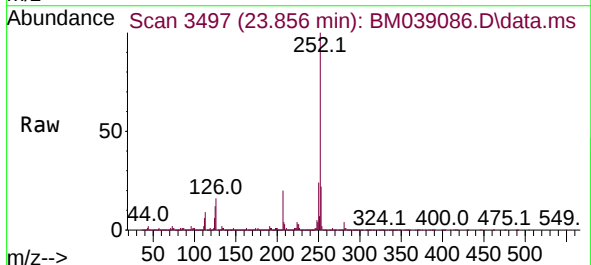
Tgt Ion:252 Resp: 2877804

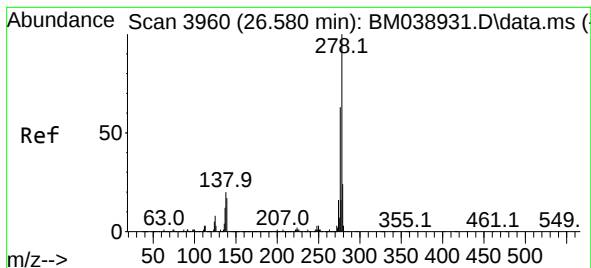
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 12.3 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 46.603 ng

RT: 26.515 min Scan# 39

Delta R.T. 0.006 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

Instrument :

BNA_M

ClientSampleId :

PB151573BS

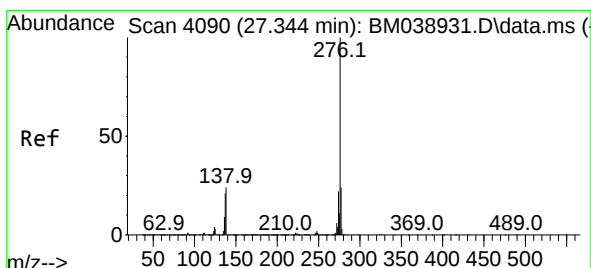
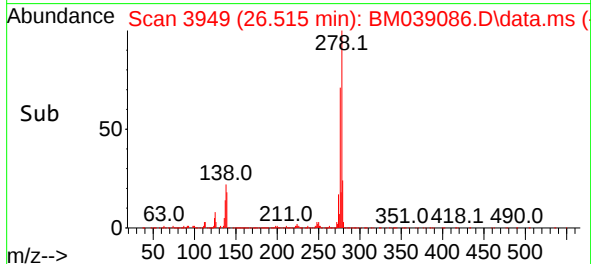
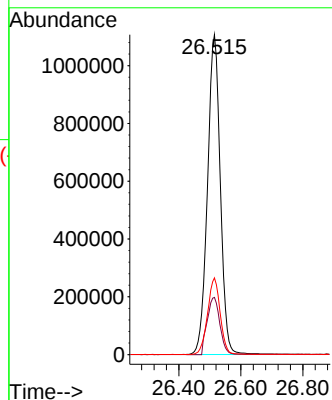
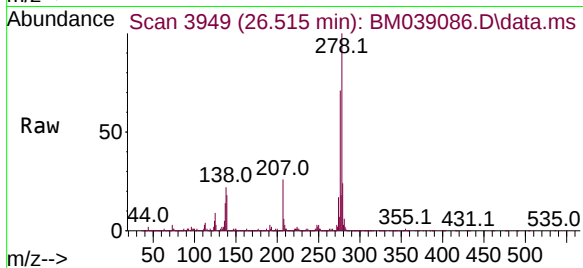
Tgt Ion:278 Resp: 3176693

Ion Ratio Lower Upper

278 100

139 17.9 13.7 20.5

279 24.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 46.551 ng

RT: 27.279 min Scan# 4079

Delta R.T. 0.006 min

Lab File: BM039086.D

Acq: 22 Mar 2023 11:01

Tgt Ion:276 Resp: 3104482

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 24.2 19.0 28.6

