

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039097.D
 Acq On : 22 Mar 2023 18:10
 Operator : CG/JU
 Sample : 02002-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 031023-3MSD

Quant Time: Mar 23 04:24:50 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	300973	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1143146	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	589596	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1076492	20.000	ng	0.00
76) Chrysene-d12	21.533	240	948154	20.000	ng	0.00
86) Perylene-d12	23.962	264	1063042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2582315	130.353	ng	0.00
7) Phenol-d6	7.134	99	2956985	114.918	ng	0.00
23) Nitrobenzene-d5	9.140	82	2061756	88.594	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	924001	135.470	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	4020683	88.775	ng	0.00
79) Terphenyl-d14	19.974	244	4833005	93.195	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.405	88	367599	41.711	ng	# 42
3) Pyridine	3.810	79	739194	30.243	ng	99
4) n-Nitrosodimethylamine	3.710	42	437243	43.961	ng	96
6) Aniline	7.298	93	743544	22.008	ng	100
8) 2-Chlorophenol	7.528	128	1025375	48.618	ng	99
9) Benzaldehyde	7.104	77	306399	25.023	ng	97
10) Phenol	7.157	94	1168881	42.777	ng	98
11) bis(2-Chloroethyl)ether	7.393	93	1085148	48.845	ng	98
12) 1,3-Dichlorobenzene	7.857	146	1116066	49.795	ng	99
13) 1,4-Dichlorobenzene	8.004	146	1137790	49.914	ng	99
14) 1,2-Dichlorobenzene	8.322	146	1090830	49.679	ng	99
15) Benzyl Alcohol	8.210	79	885869	48.032	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1349204	48.087	ng	99
17) 2-Methylphenol	8.416	107	821477	43.763	ng	99
18) Hexachloroethane	9.051	117	427904	50.878	ng	97
19) n-Nitroso-di-n-propyla...	8.781	70	771477	47.601	ng	100
20) 3+4-Methylphenols	8.745	107	1087178	43.377	ng	99
22) Acetophenone	8.798	105	1560699	48.662	ng	# 99
24) Nitrobenzene	9.181	77	1149563	46.997	ng	98
25) Isophorone	9.710	82	2058599	48.069	ng	100
26) 2-Nitrophenol	9.892	139	526362	48.689	ng	96
27) 2,4-Dimethylphenol	9.951	122	889145	47.649	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	1294091	47.029	ng	99
29) 2,4-Dichlorophenol	10.428	162	864097	48.843	ng	99
30) 1,2,4-Trichlorobenzene	10.645	180	937548	48.496	ng	99
31) Naphthalene	10.834	128	3029756	46.480	ng	99
32) Benzoic acid	10.087	122	592493	43.840	ng	97
33) 4-Chloroaniline	10.951	127	361531	13.014	ng	98
34) Hexachlorobutadiene	11.116	225	538110	48.538	ng	99
35) Caprolactam	11.739	113	212829	39.527	ng	97
36) 4-Chloro-3-methylphenol	12.063	107	865718	45.955	ng	99
37) 2-Methylnaphthalene	12.439	142	1958562	44.829	ng	99
38) 1-Methylnaphthalene	12.657	142	1815787	44.349	ng	100
40) 1,2,4,5-Tetrachloroben...	12.804	216	974103	50.821	ng	99
41) Hexachlorocyclopentadiene	12.780	237	1172385	111.431	ng	98
43) 2,4,6-Trichlorophenol	13.045	196	627393	50.547	ng	98

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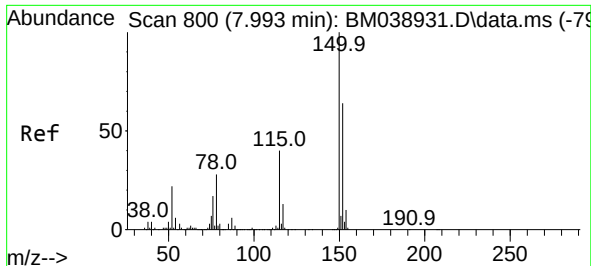
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	665541	45.810	ng	97
46) 1,1'-Biphenyl	13.445	154	2489788	49.847	ng	99
47) 2-Chloronaphthalene	13.486	162	1884002	50.020	ng	98
48) 2-Nitroaniline	13.692	65	563723	46.804	ng	96
49) Acenaphthylene	14.333	152	2878968	47.987	ng	100
50) Dimethylphthalate	14.069	163	2132877	47.012	ng	100
51) 2,6-Dinitrotoluene	14.186	165	468295	46.706	ng	98
52) Acenaphthene	14.674	154	1742122	47.249	ng	99
53) 3-Nitroaniline	14.516	138	474674	40.719	ng	97
54) 2,4-Dinitrophenol	14.722	184	598259	102.198	ng	90
55) Dibenzofuran	15.004	168	2693508	46.683	ng	100
56) 4-Nitrophenol	14.822	139	806681	89.528	ng	98
57) 2,4-Dinitrotoluene	14.969	165	611176	46.360	ng	99
58) Fluorene	15.657	166	2103151	46.534	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	541507	48.330	ng	99
60) Diethylphthalate	15.427	149	2093798	47.431	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	1026986	46.253	ng	99
62) 4-Nitroaniline	15.674	138	504557	42.472	ng	98
63) Azobenzene	15.939	77	2168250	46.420	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	350978	49.441	ng	94
66) n-Nitrosodiphenylamine	15.863	169	1749806	48.216	ng	99
67) 4-Bromophenyl-phenylether	16.539	248	584803	50.296	ng	97
68) Hexachlorobenzene	16.657	284	662188	50.945	ng	99
69) Atrazine	16.816	200	512470	51.699	ng	98
70) Pentachlorophenol	17.004	266	869201	90.919	ng	99
71) Phenanthrene	17.398	178	3020093	47.801	ng	100
72) Anthracene	17.486	178	3054758	48.483	ng	100
73) Carbazole	17.757	167	2833630	49.278	ng	100
74) Di-n-butylphthalate	18.321	149	3443901	49.062	ng	99
75) Fluoranthene	19.409	202	3203402	48.021	ng	99
77) Benzidine	19.592	184	784710	37.496	ng	99
78) Pyrene	19.768	202	3409576	47.878	ng	100
80) Butylbenzylphthalate	20.668	149	1549136	50.941	ng	97
81) Benzo(a)anthracene	21.515	228	3356794	49.161	ng	100
82) 3,3'-Dichlorobenzidine	21.451	252	882726	42.064	ng	99
83) Chrysene	21.568	228	3143093	47.329	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	2352068	53.427	ng	100
85) Di-n-octyl phthalate	22.374	149	4107729	55.862	ng	99
87) Indeno(1,2,3-cd)pyrene	26.497	276	4311934	53.306	ng	100
88) Benzo(b)fluoranthene	23.221	252	3505923	51.623	ng	99
89) Benzo(k)fluoranthene	23.274	252	3559531	50.362	ng	99
90) Benzo(a)pyrene	23.856	252	3119375	47.725	ng	100
91) Dibenzo(a,h)anthracene	26.521	278	3633247	53.037	ng	100
92) Benzo(g,h,i)perylene	27.280	276	3535853	52.757	ng	99

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

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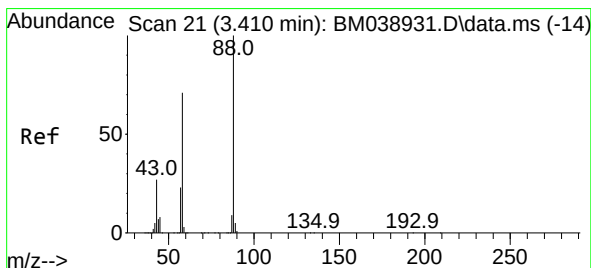
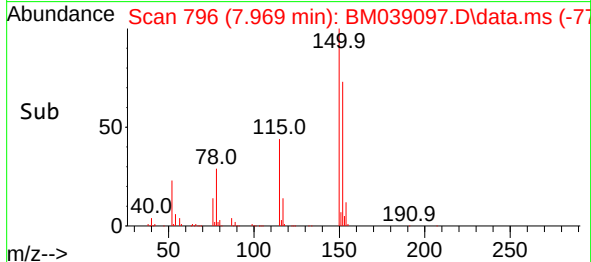
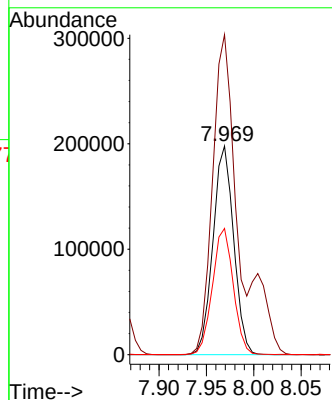
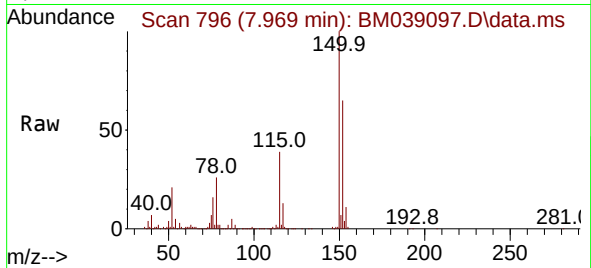




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039097.D
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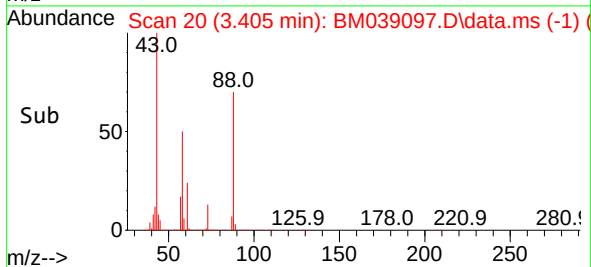
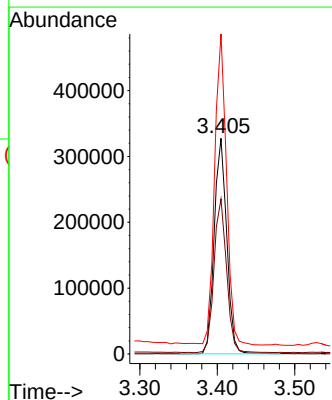
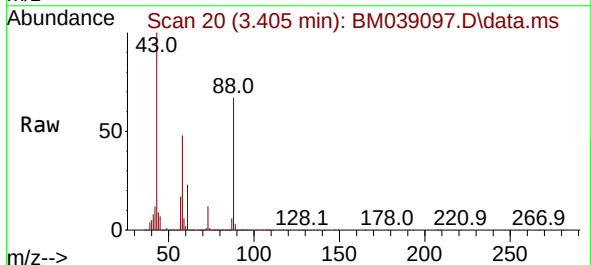
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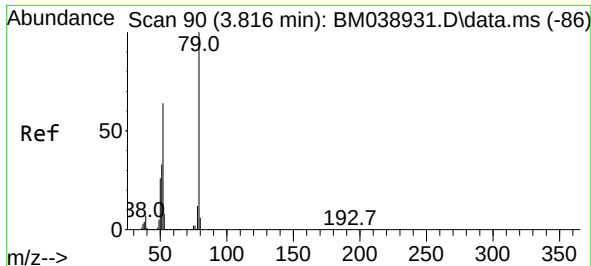
Tgt Ion:152 Resp: 300973
Ion Ratio Lower Upper
152 100
150 153.4 125.1 187.7
115 60.5 49.6 74.4



#2
1,4-Dioxane
Concen: 41.711 ng
RT: 3.405 min Scan# 20
Delta R.T. 0.012 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion: 88 Resp: 367599
Ion Ratio Lower Upper
88 100
58 71.7 57.2 85.8
43 136.8 22.0 33.0#

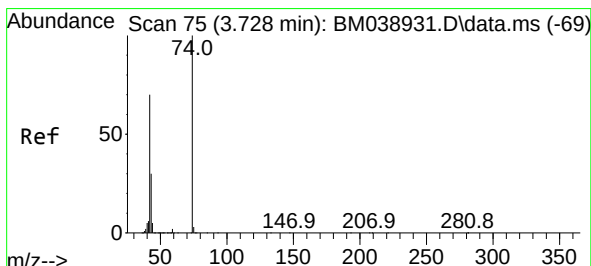
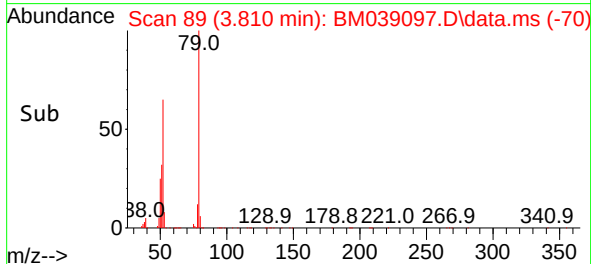
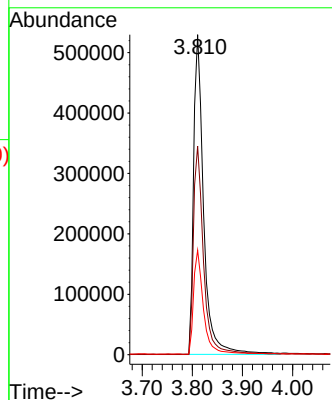
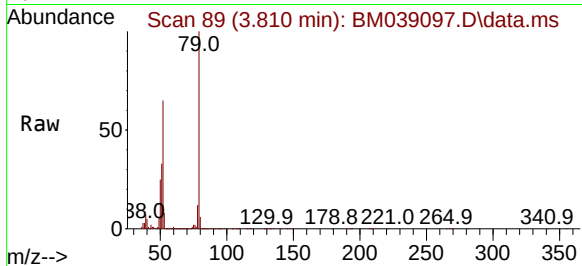




#3
 Pyridine
 Concen: 30.243 ng
 RT: 3.810 min Scan# 89
 Delta R.T. 0.012 min
 Lab File: BM039097.D
 Acq: 22 Mar 2023 18:10

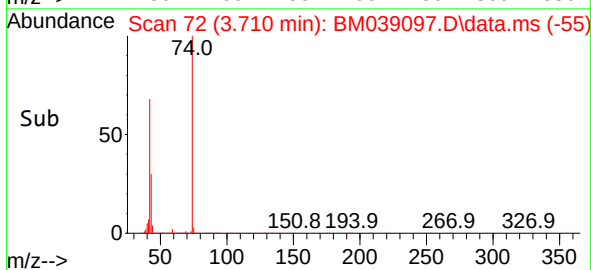
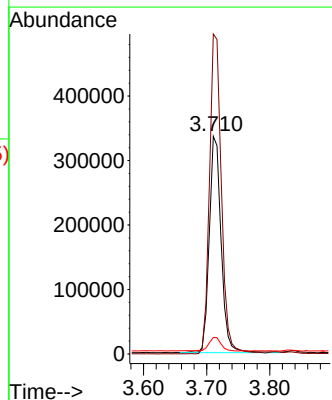
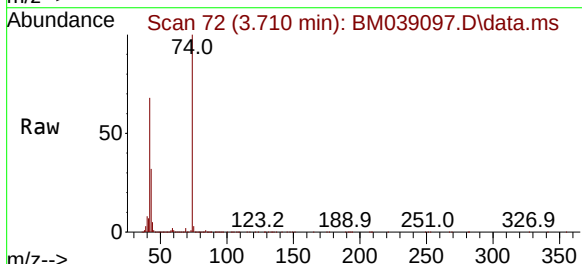
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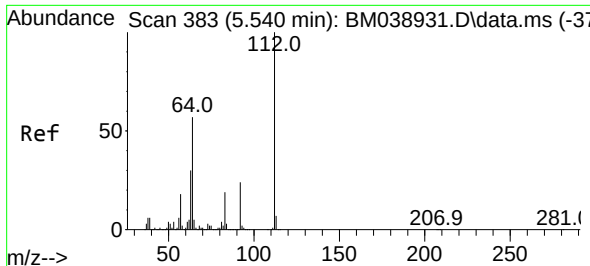
Tgt Ion: 79 Resp: 739194
 Ion Ratio Lower Upper
 79 100
 52 65.2 51.4 77.2
 51 32.6 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 43.961 ng
 RT: 3.710 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: BM039097.D
 Acq: 22 Mar 2023 18:10

Tgt Ion: 42 Resp: 437243
 Ion Ratio Lower Upper
 42 100
 74 146.9 113.8 170.8
 44 7.6 6.2 9.2

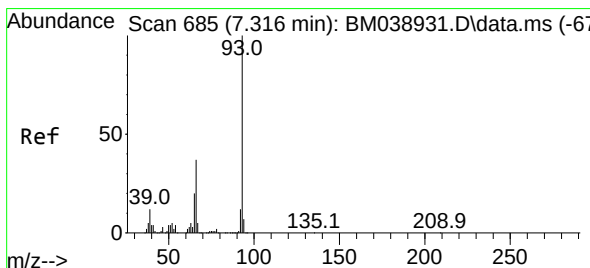
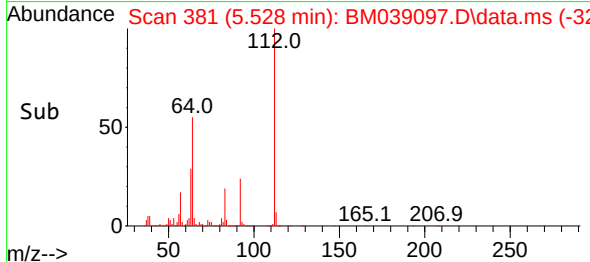
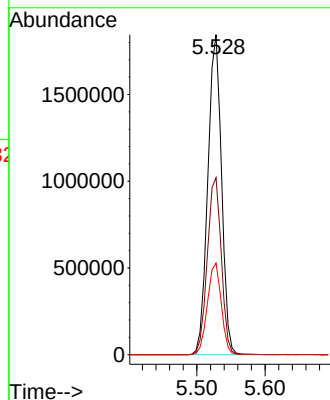
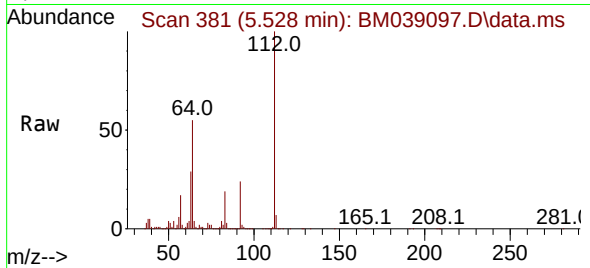




#5
2-Fluorophenol
Concen: 130.353 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.006 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

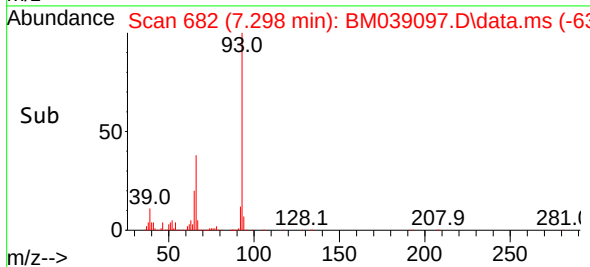
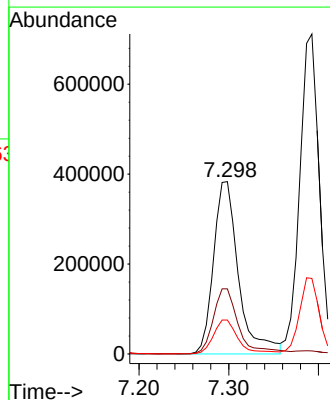
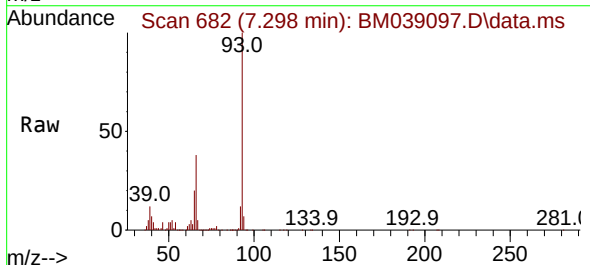
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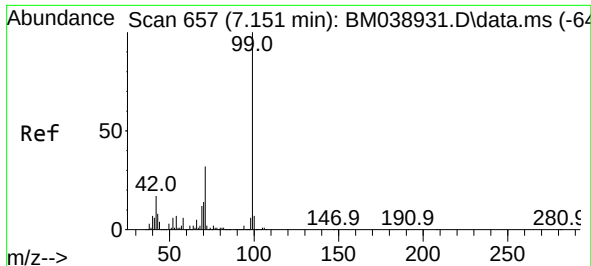
Tgt Ion:112 Resp: 2582315
Ion Ratio Lower Upper
112 100
64 55.3 45.9 68.9
63 28.6 23.8 35.8



#6
Aniline
Concen: 22.008 ng
RT: 7.298 min Scan# 682
Delta R.T. 0.006 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion: 93 Resp: 743544
Ion Ratio Lower Upper
93 100
66 37.8 30.0 45.0
65 19.7 15.8 23.6

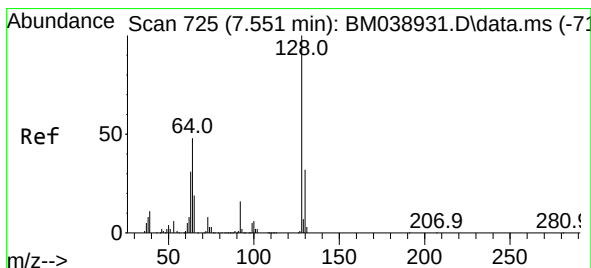
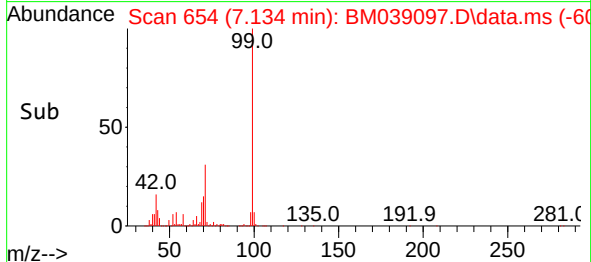
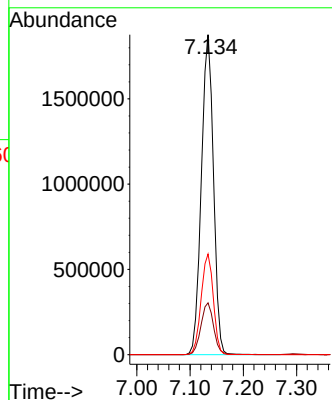
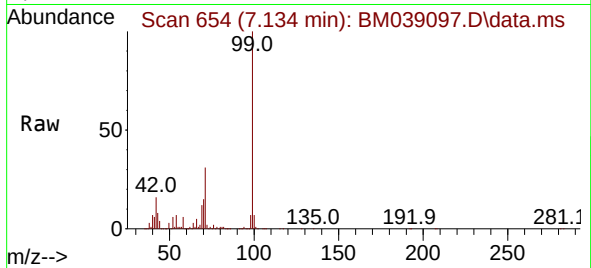




#7
Phenol-d6
Concen: 114.918 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

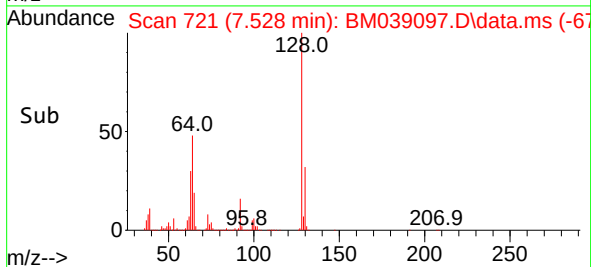
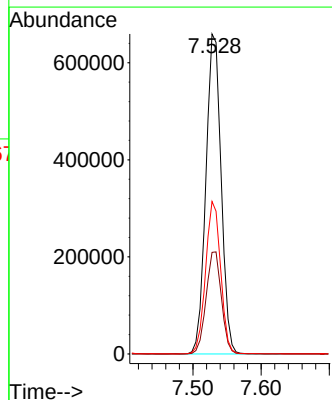
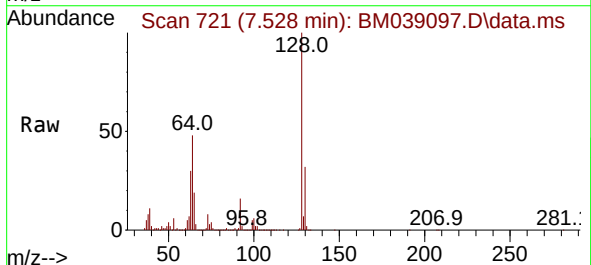
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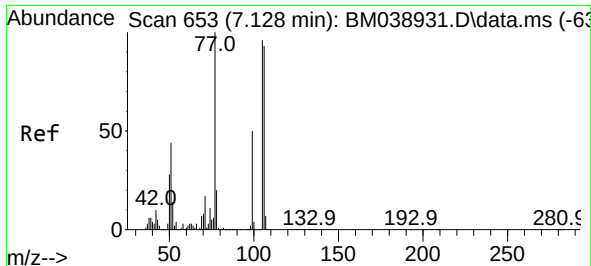
Tgt Ion: 99 Resp: 2956985
Ion Ratio Lower Upper
99 100
42 16.2 13.5 20.3
71 31.5 25.6 38.4



#8
2-Chlorophenol
Concen: 48.618 ng
RT: 7.528 min Scan# 721
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion: 128 Resp: 1025375
Ion Ratio Lower Upper
128 100
130 31.8 11.9 51.9
64 47.6 28.6 68.6

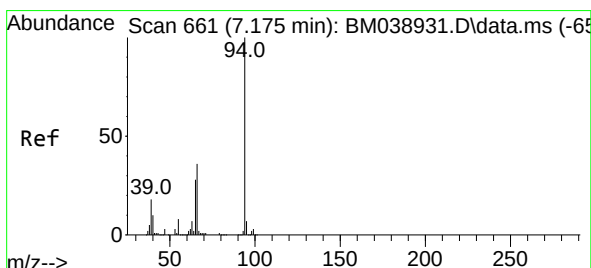
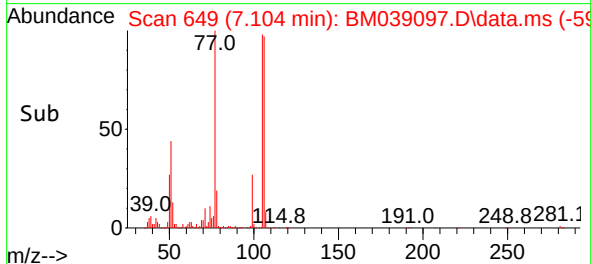
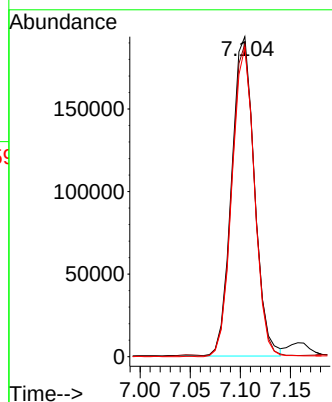
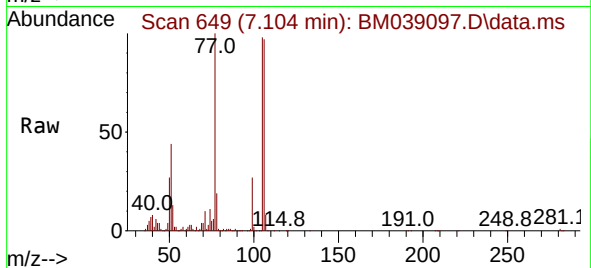




#9
Benzaldehyde
Concen: 25.023 ng
RT: 7.104 min Scan# 649
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

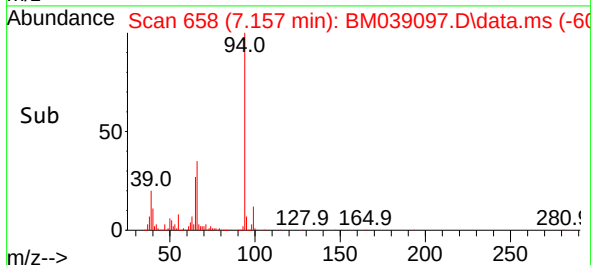
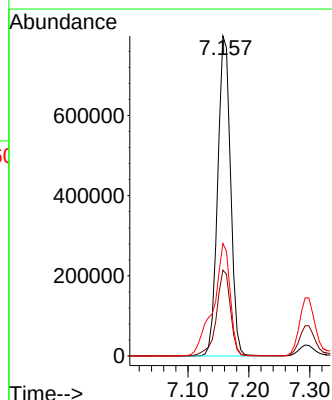
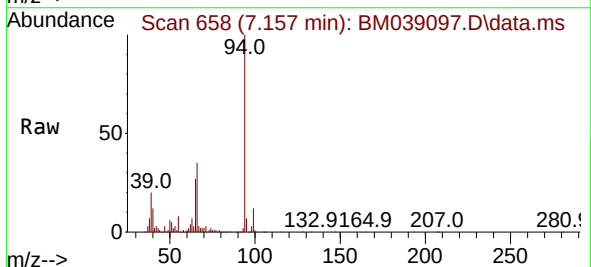
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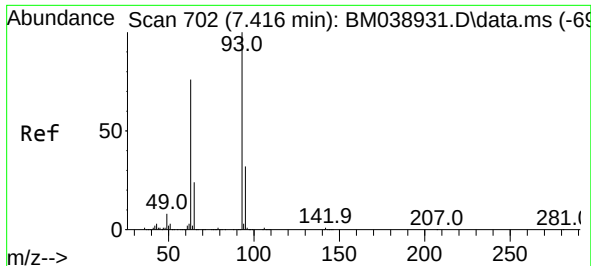
Tgt Ion: 77 Resp: 306399
Ion Ratio Lower Upper
77 100
105 97.7 75.8 115.8
106 96.6 72.6 112.6



#10
Phenol
Concen: 42.777 ng
RT: 7.157 min Scan# 658
Delta R.T. 0.000 min
Lab File: BM039097.D
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Tgt Ion: 94 Resp: 1168881
Ion Ratio Lower Upper
94 100
65 26.8 7.9 47.9
66 35.2 15.8 55.8



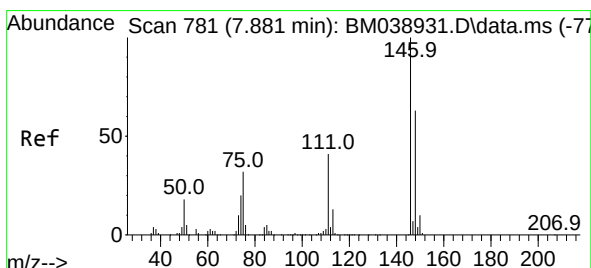
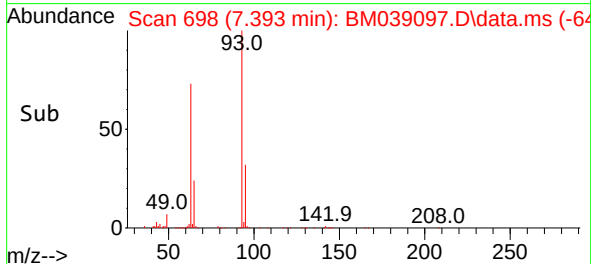
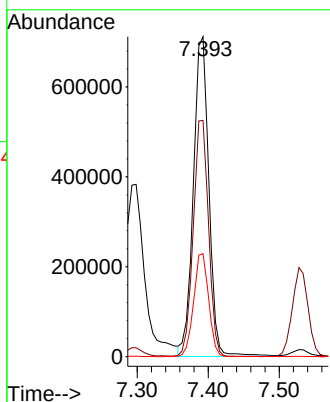
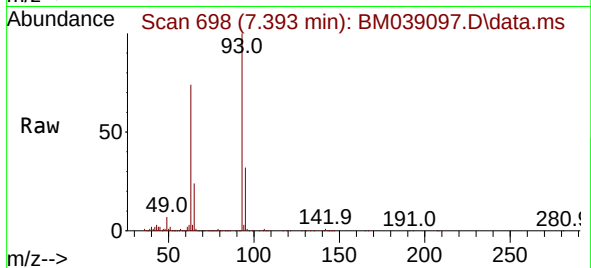


#11
bis(2-Chloroethyl)ether
Concen: 48.845 ng
RT: 7.393 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Instrument :
BNA_M
ClientSampleId :
031023-3MSD

Tgt Ion: 93 Resp: 1085148

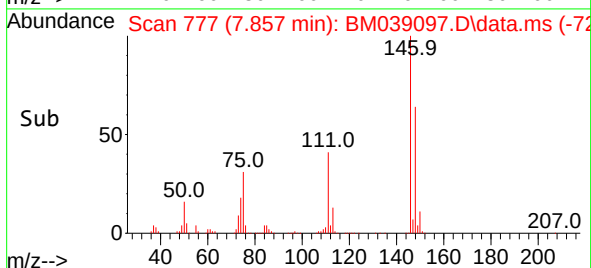
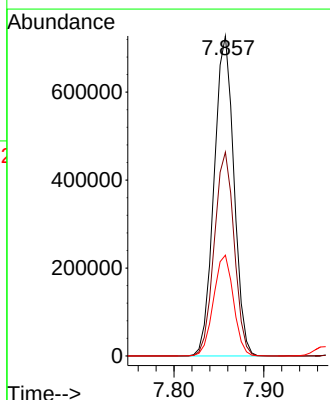
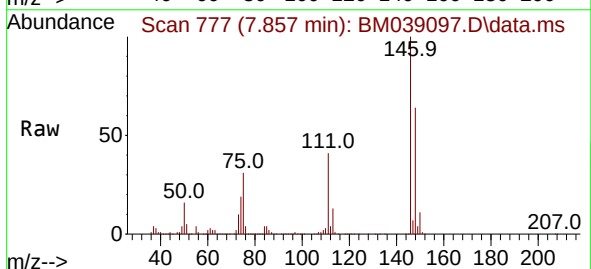
Ion	Ratio	Lower	Upper
93	100		
63	73.9	55.8	95.8
95	32.2	12.2	52.2

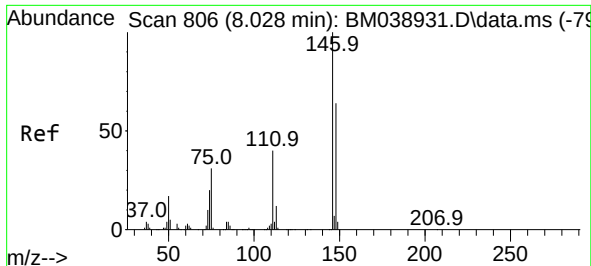


#12
1,3-Dichlorobenzene
Concen: 49.795 ng
RT: 7.857 min Scan# 777
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion: 146 Resp: 1116066

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
75	31.5	26.0	39.0

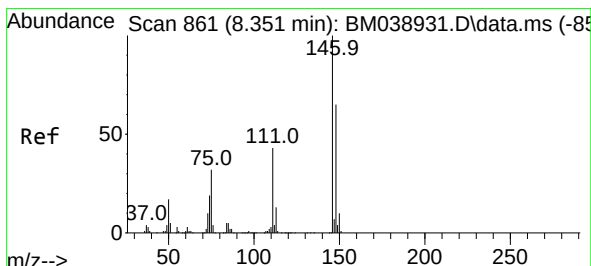
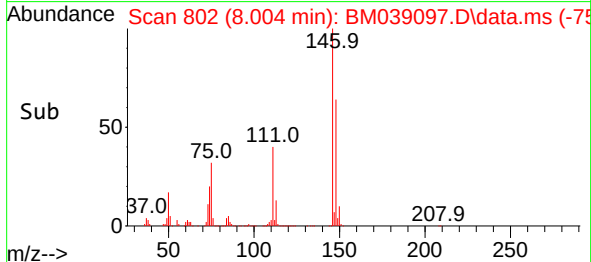
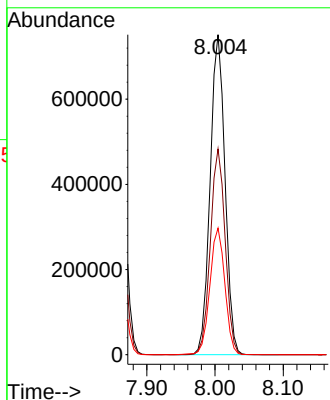
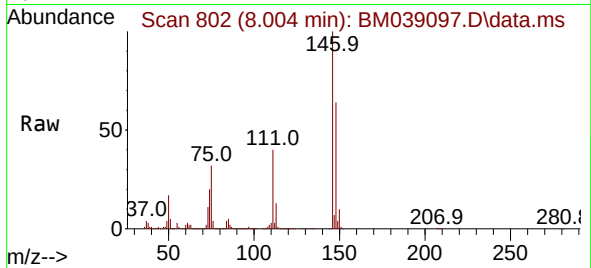




#13
1,4-Dichlorobenzene
Concen: 49.914 ng
RT: 8.004 min Scan# 806
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

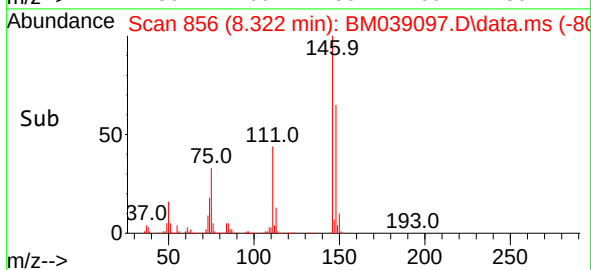
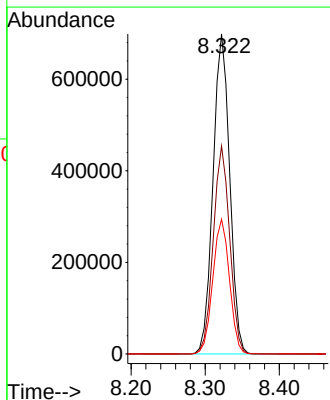
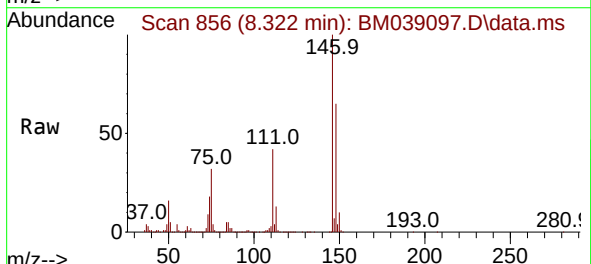
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

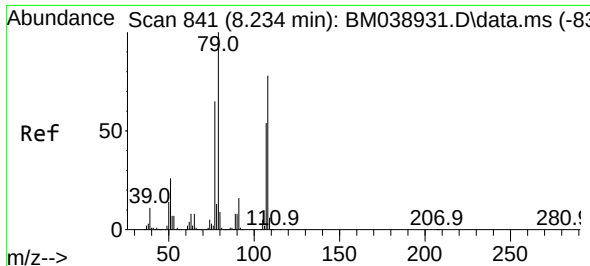
Tgt Ion:146 Resp: 1137790
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
111 39.6 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 49.679 ng
RT: 8.322 min Scan# 856
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:146 Resp: 1090830
Ion Ratio Lower Upper
146 100
148 65.0 51.7 77.5
111 42.1 34.2 51.4

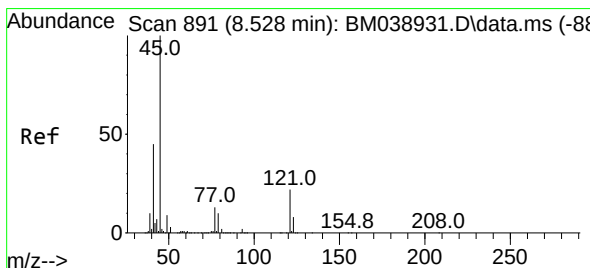
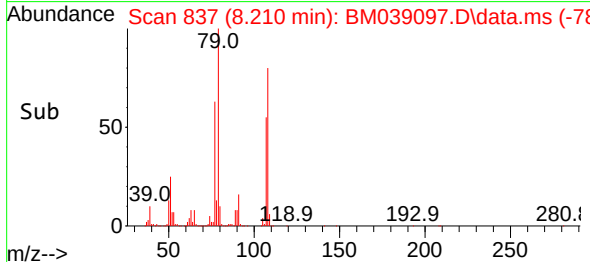
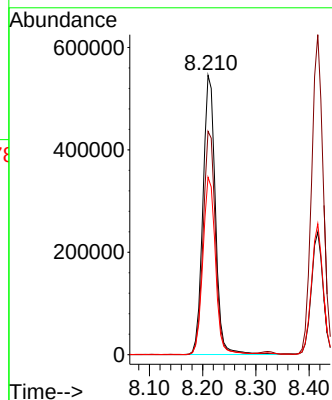
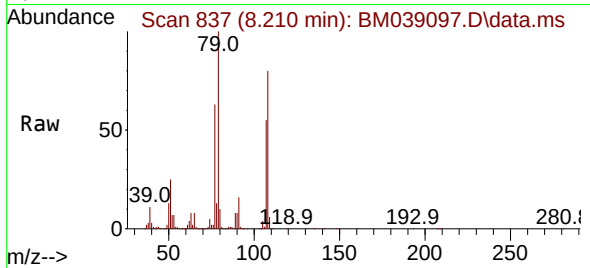




#15
Benzyl Alcohol
Concen: 48.032 ng
RT: 8.210 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

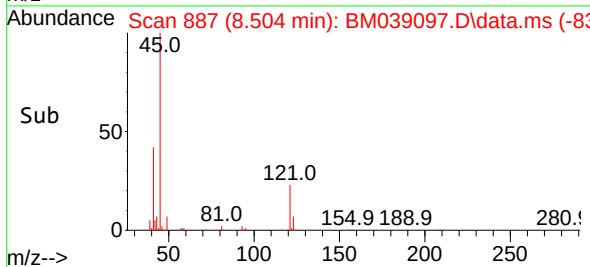
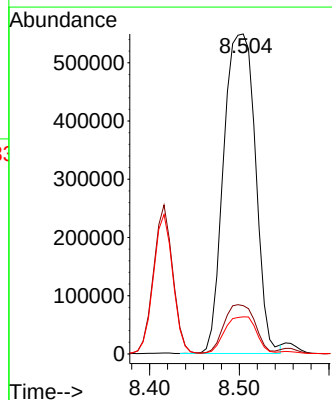
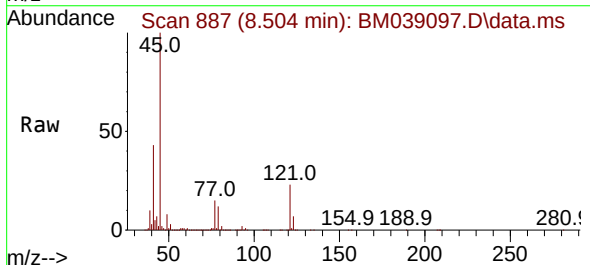
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

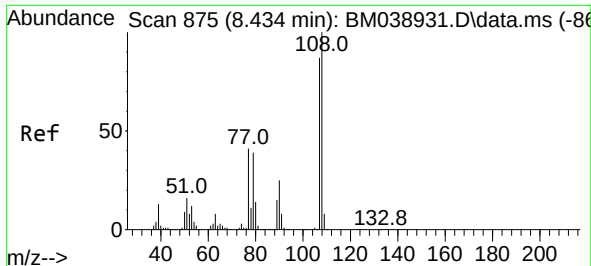
Tgt Ion: 79 Resp: 885869
Ion Ratio Lower Upper
79 100
108 80.0 62.4 93.6
77 63.5 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.087 ng
RT: 8.504 min Scan# 887
Delta R.T. 0.006 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion: 45 Resp: 1349204
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.8
79 11.6 0.0 31.5

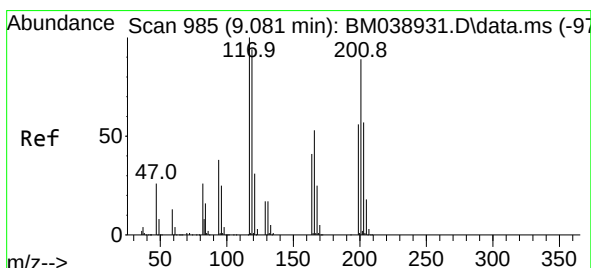
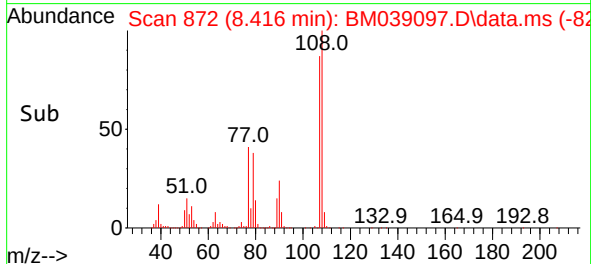
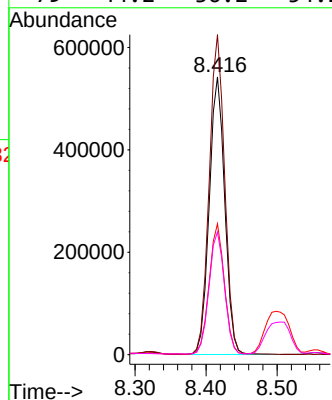
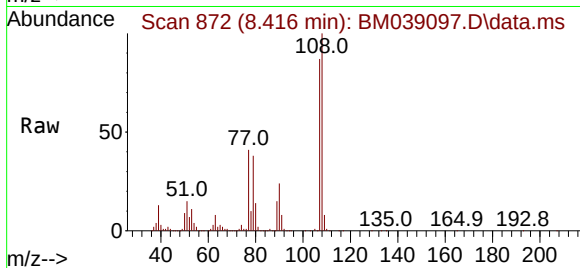




#17
2-Methylphenol
Concen: 43.763 ng
RT: 8.416 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

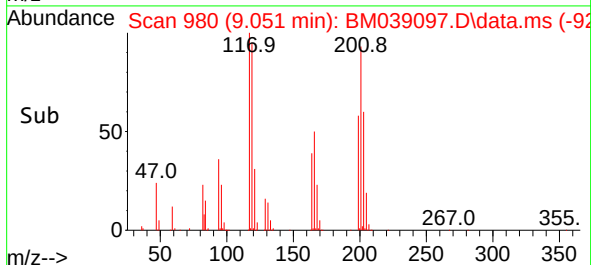
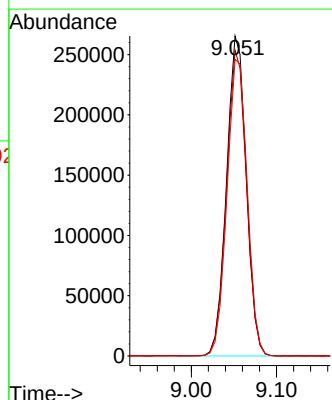
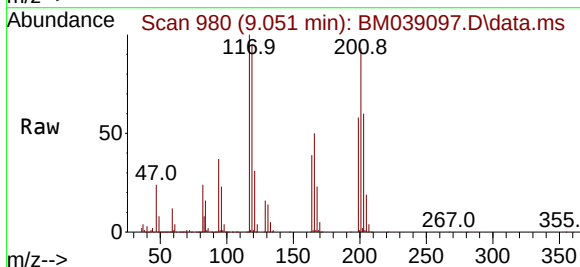
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

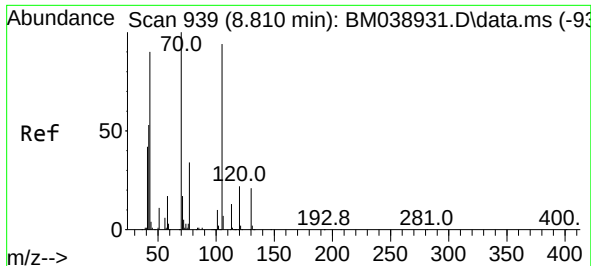
Tgt Ion:107 Resp: 821477
Ion Ratio Lower Upper
107 100
108 115.2 91.7 137.5
77 47.1 37.4 56.2
79 44.2 36.2 54.2



#18
Hexachloroethane
Concen: 50.878 ng
RT: 9.051 min Scan# 980
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:117 Resp: 427904
Ion Ratio Lower Upper
117 100
119 95.5 75.4 113.0
201 92.6 71.3 106.9





#19

n-Nitroso-di-n-propylamine

Concen: 47.601 ng

RT: 8.781 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

Instrument :

BNA_M

ClientSampleId :

031023-3MSD

Tgt Ion: 70 Resp: 771477

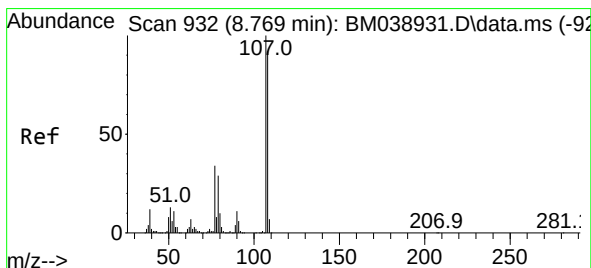
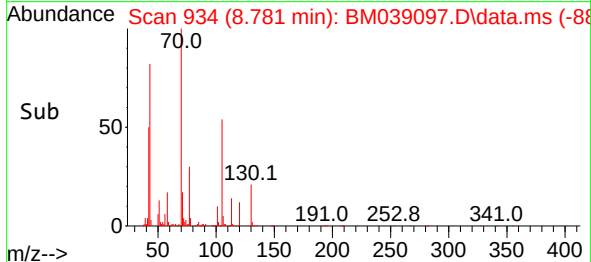
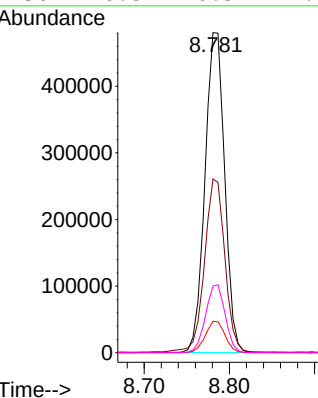
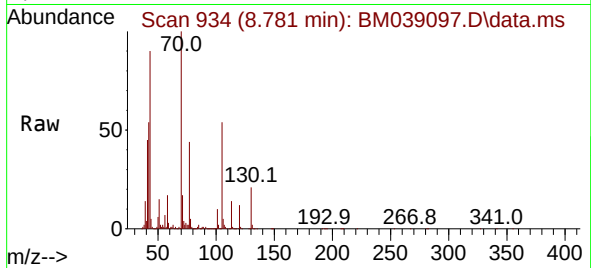
Ion Ratio Lower Upper

70 100

42 54.3 43.4 65.2

101 9.8 7.6 11.4

130 20.8 16.5 24.7



#20

3+4-Methylphenols

Concen: 43.377 ng

RT: 8.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

Tgt Ion: 107 Resp: 1087178

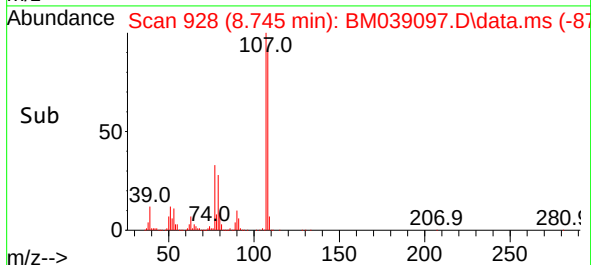
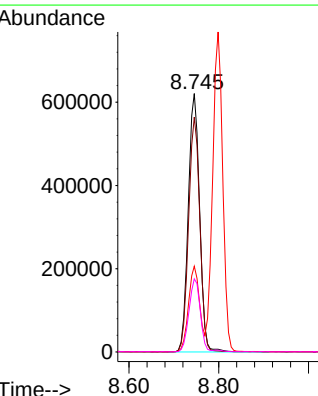
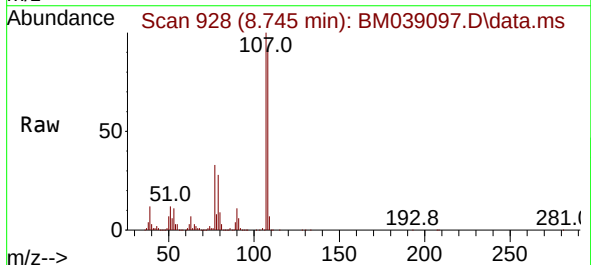
Ion Ratio Lower Upper

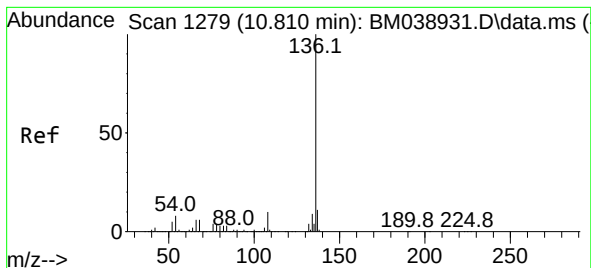
107 100

108 90.9 71.8 111.8

77 33.2 13.6 53.6

79 28.3 9.2 49.2

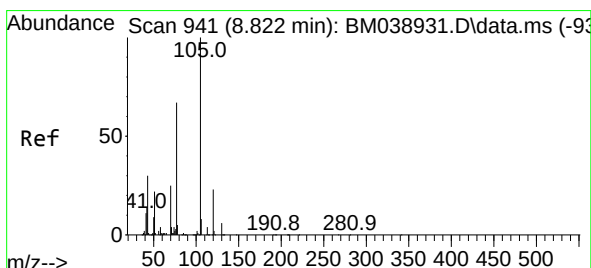
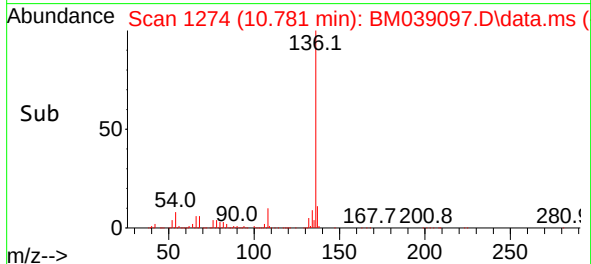
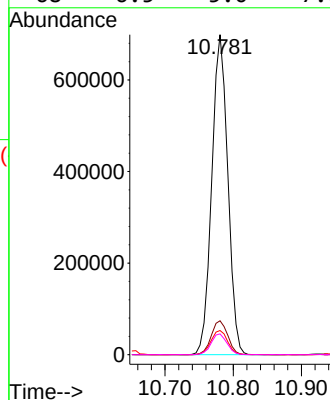
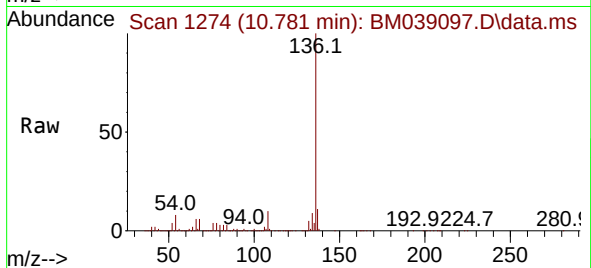




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

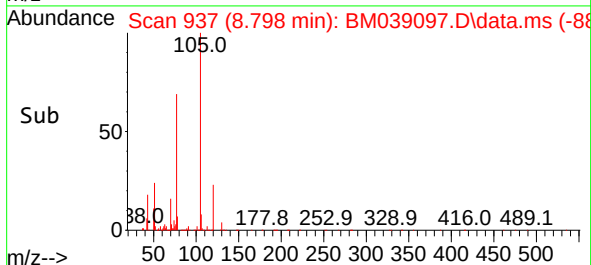
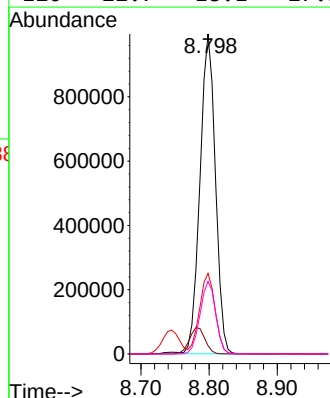
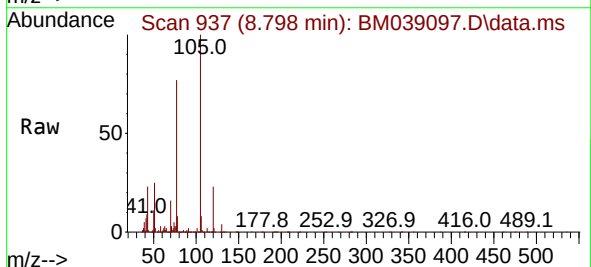
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

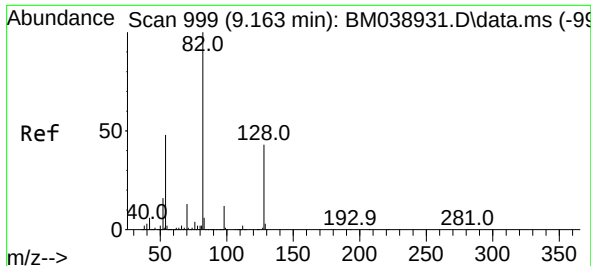
Tgt Ion:136 Resp: 1143146
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.6 6.3 9.5
68 6.5 5.0 7.6



#22
Acetophenone
Concen: 48.662 ng
RT: 8.798 min Scan# 937
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:105 Resp: 1560699
Ion Ratio Lower Upper
105 100
71 2.6 3.4 5.0#
51 25.2 21.0 31.4
120 22.7 18.1 27.1

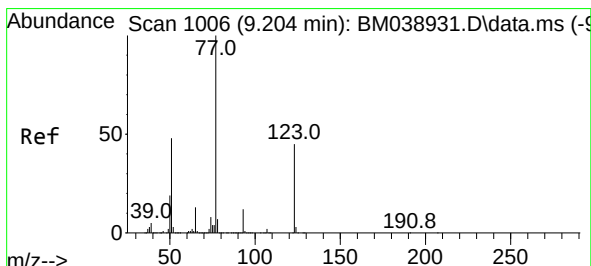
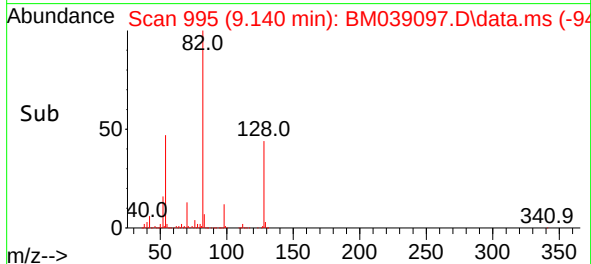
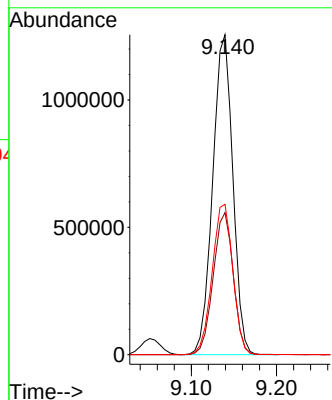
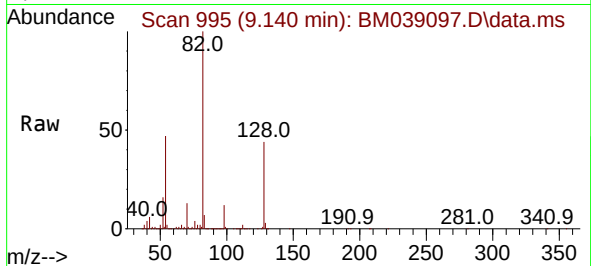




#23
Nitrobenzene-d5
Concen: 88.594 ng
RT: 9.140 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

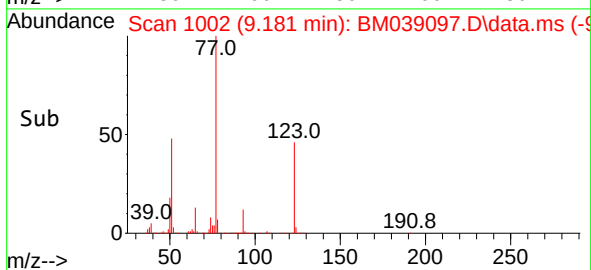
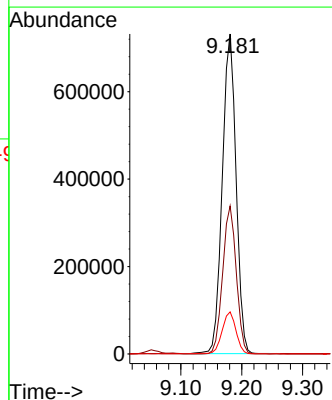
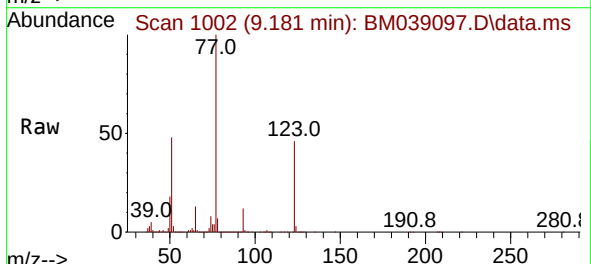
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

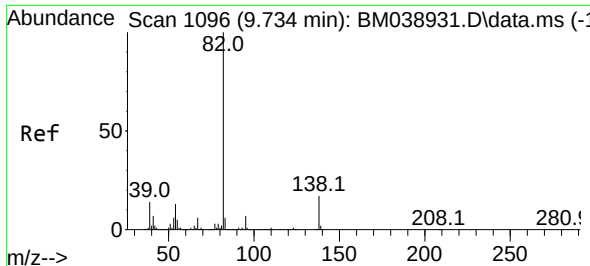
Tgt Ion: 82 Resp: 2061756
Ion Ratio Lower Upper
82 100
128 44.4 34.4 51.6
54 47.0 38.8 58.2



#24
Nitrobenzene
Concen: 46.997 ng
RT: 9.181 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion: 77 Resp: 1149563
Ion Ratio Lower Upper
77 100
123 46.3 35.8 53.6
65 13.2 10.2 15.4





#25

Isophorone

Concen: 48.069 ng

RT: 9.710 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

Instrument :

BNA_M

ClientSampleId :

031023-3MSD

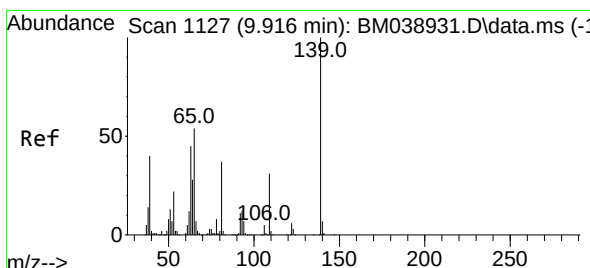
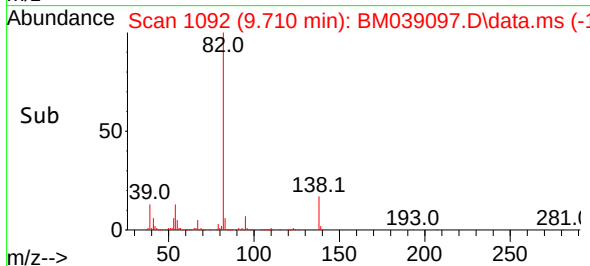
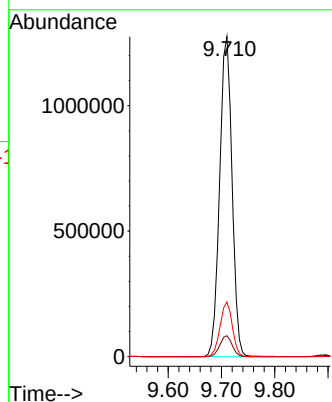
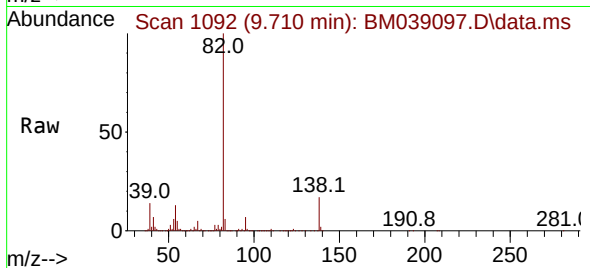
Tgt Ion: 82 Resp: 2058599

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.1 13.6 20.4



#26

2-Nitrophenol

Concen: 48.689 ng

RT: 9.892 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

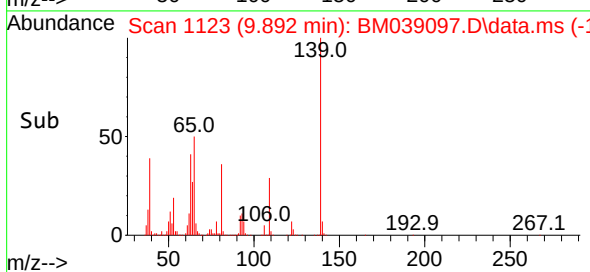
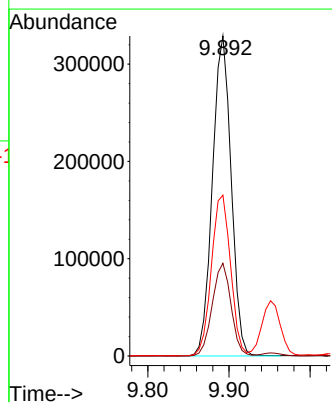
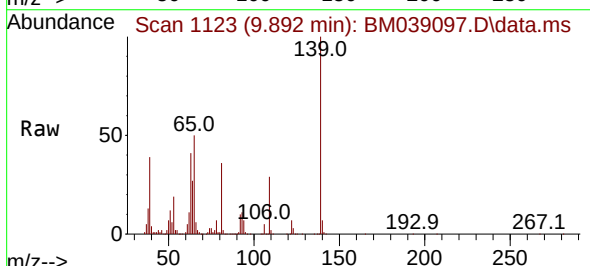
Tgt Ion:139 Resp: 526362

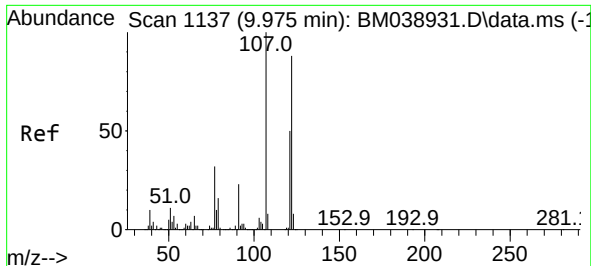
Ion Ratio Lower Upper

139 100

109 29.0 24.5 36.7

65 50.2 43.0 64.6

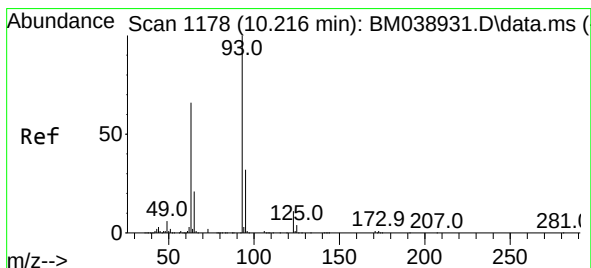
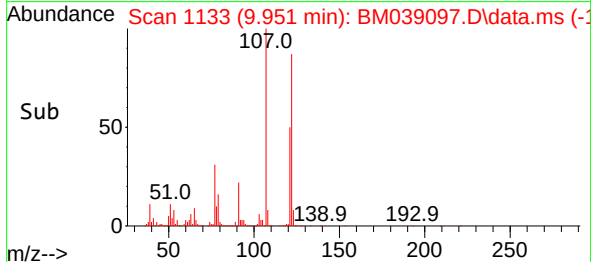
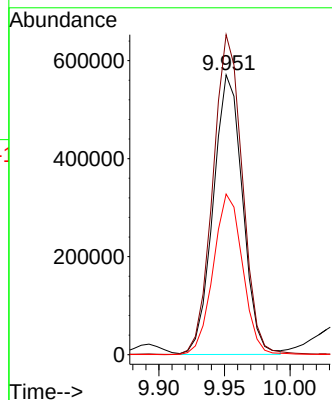
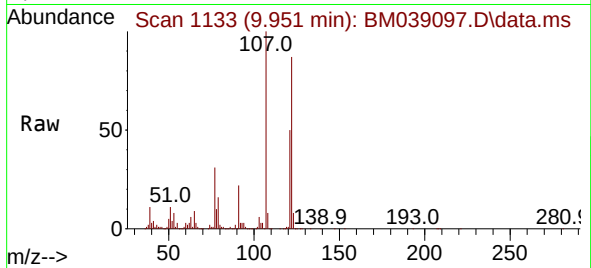




#27
2,4-Dimethylphenol
Concen: 47.649 ng
RT: 9.951 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

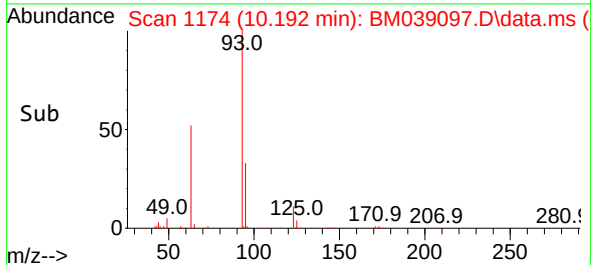
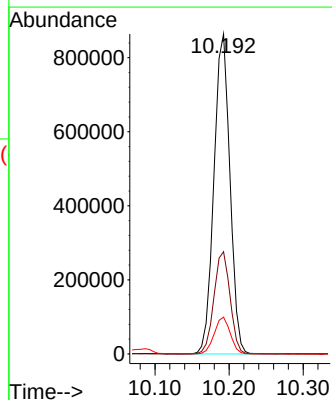
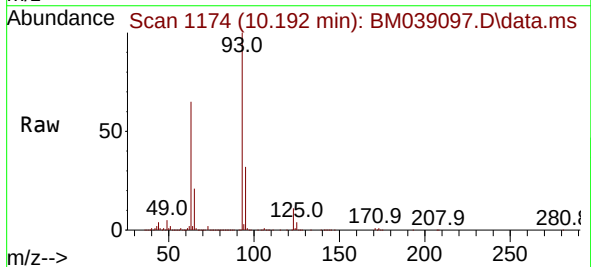
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

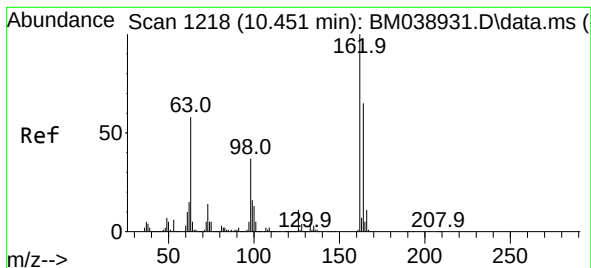
Tgt Ion:122 Resp: 889145
Ion Ratio Lower Upper
122 100
107 114.3 91.0 136.4
121 57.4 45.1 67.7



#28
bis(2-Chloroethoxy)methane
Concen: 47.029 ng
RT: 10.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion: 93 Resp: 1294091
Ion Ratio Lower Upper
93 100
95 32.0 25.9 38.9
123 11.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 48.843 ng

RT: 10.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

Instrument :

BNA_M

ClientSampleId :

031023-3MSD

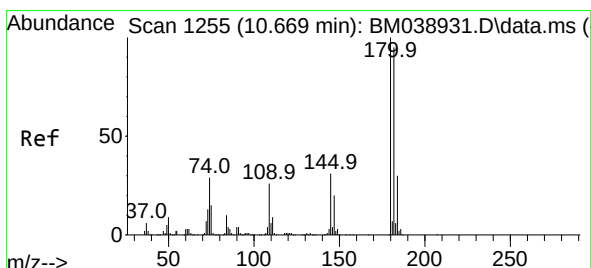
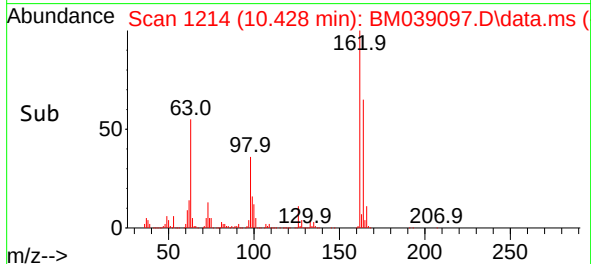
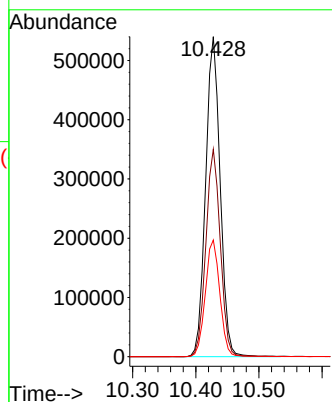
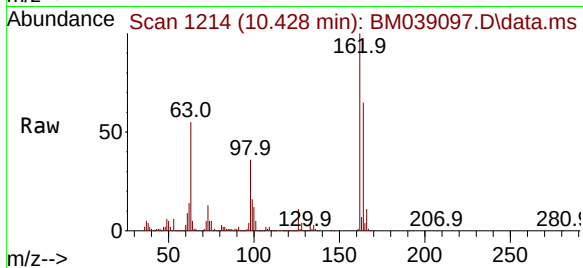
Tgt Ion:162 Resp: 864097

Ion Ratio Lower Upper

162 100

164 64.8 44.6 84.6

98 36.5 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 48.496 ng

RT: 10.645 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

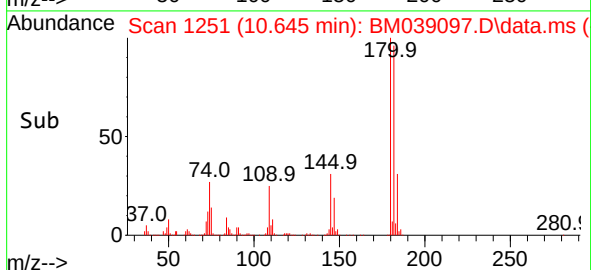
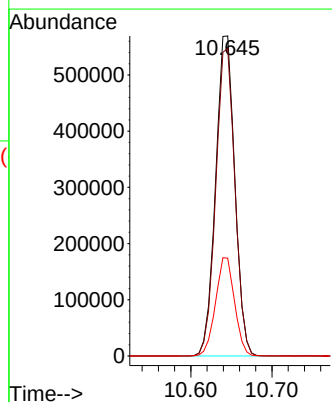
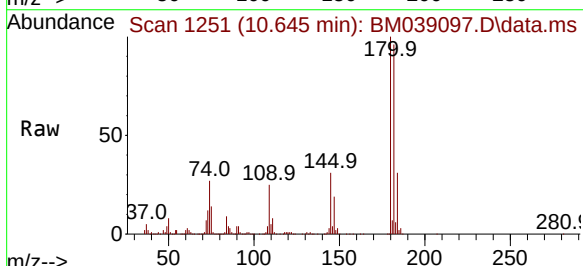
Tgt Ion:180 Resp: 937548

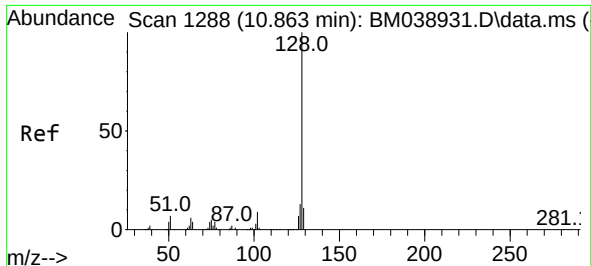
Ion Ratio Lower Upper

180 100

182 96.1 76.3 114.5

145 30.5 25.0 37.4

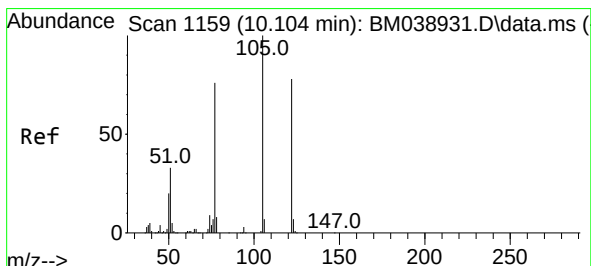
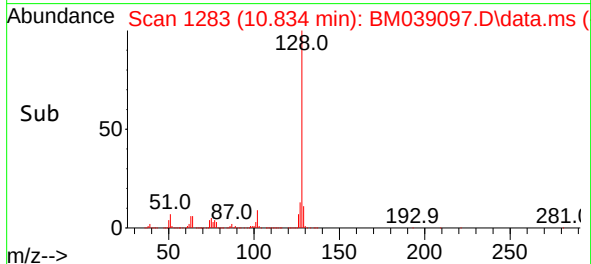
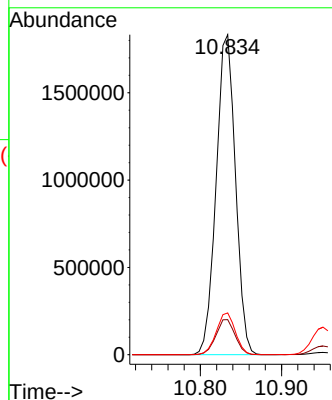
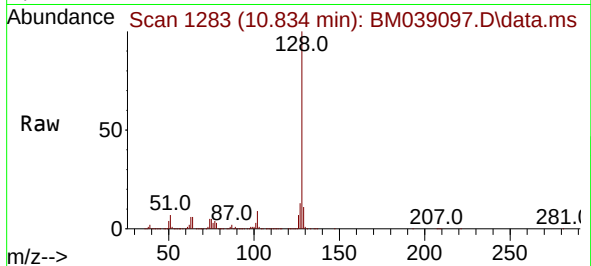




#31
Naphthalene
Concen: 46.480 ng
RT: 10.834 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

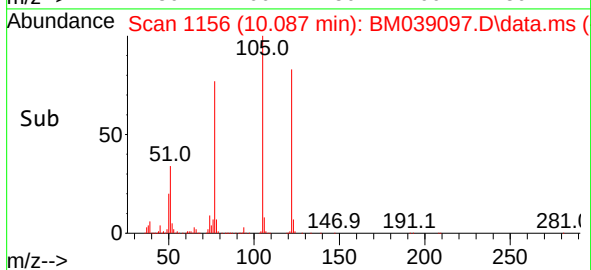
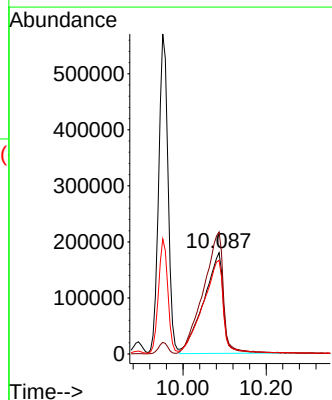
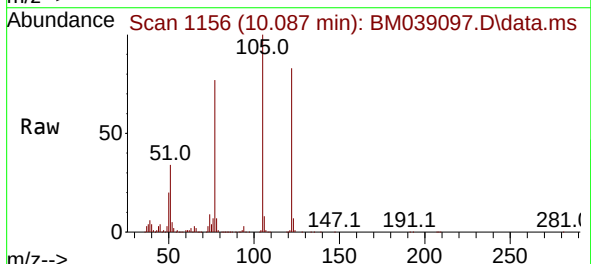
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

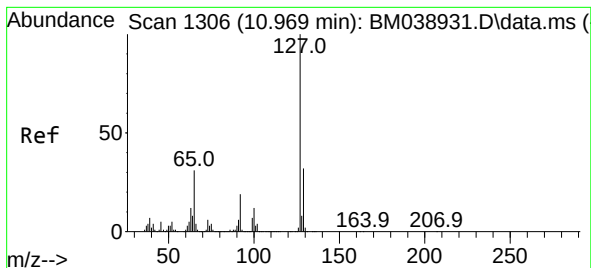
Tgt Ion:128 Resp: 3029756
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 43.840 ng
RT: 10.087 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:122 Resp: 592493
Ion Ratio Lower Upper
122 100
105 120.5 104.2 144.2
77 92.5 75.1 115.1

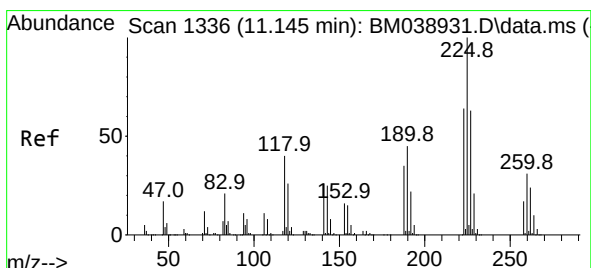
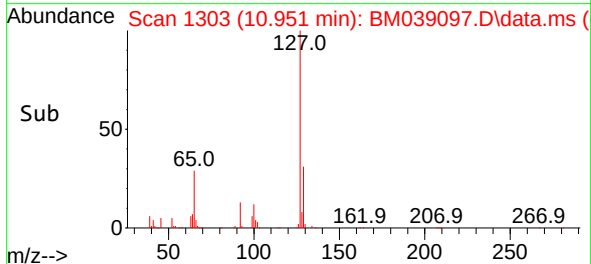
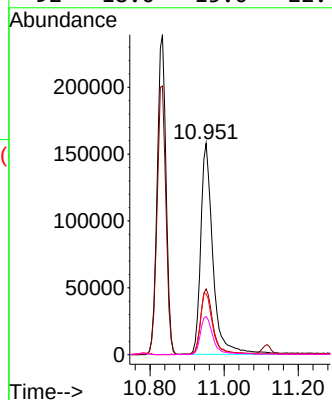
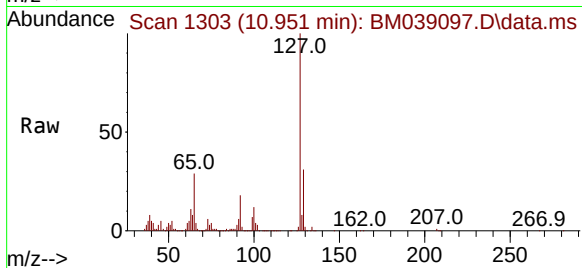




#33
4-Chloroaniline
Concen: 13.014 ng
RT: 10.951 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

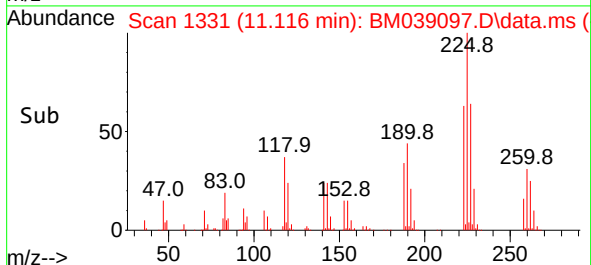
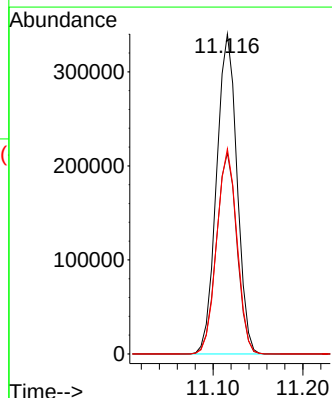
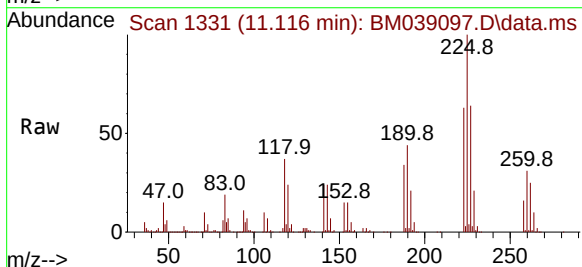
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

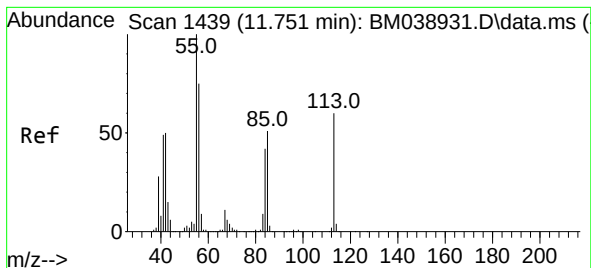
Tgt Ion:	127	Resp:	361531
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.4	38.2
65	28.7	24.4	36.6
92	18.0	15.0	22.4



#34
Hexachlorobutadiene
Concen: 48.538 ng
RT: 11.116 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:	225	Resp:	538110
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.3	76.9
227	64.2	50.6	76.0

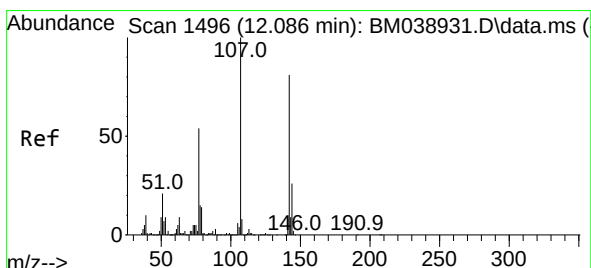
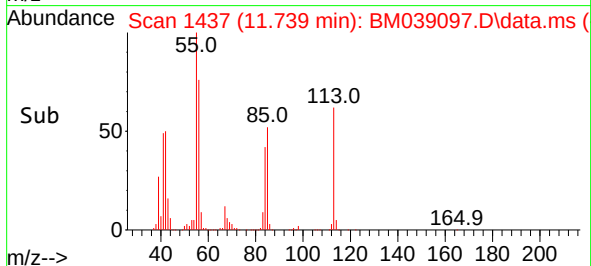
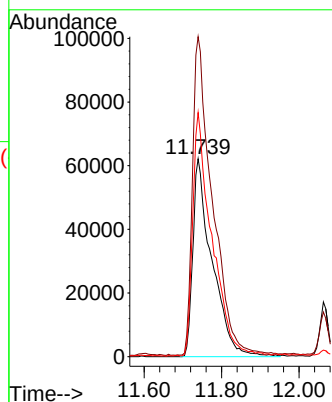
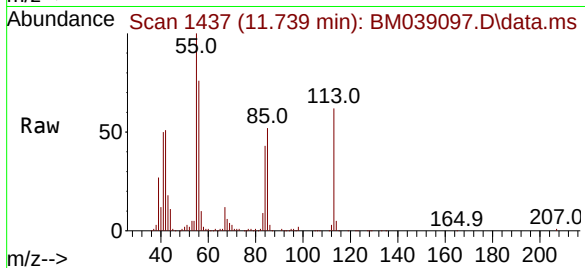




#35
 Caprolactam
 Concen: 39.527 ng
 RT: 11.739 min Scan# 1437
 Delta R.T. 0.006 min
 Lab File: BM039097.D
 Acq: 22 Mar 2023 18:10

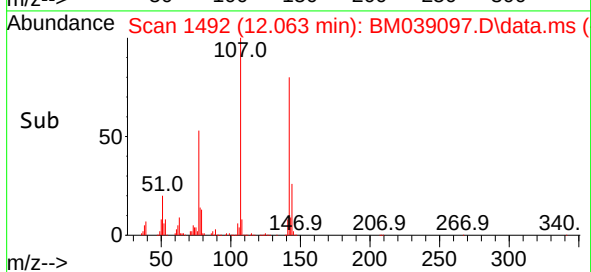
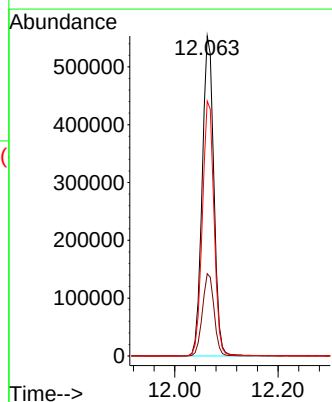
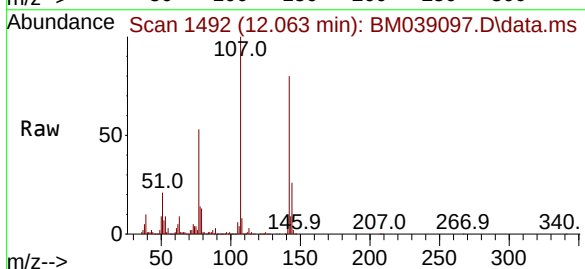
Instrument :
 BNA_M
 ClientSampleId :
 031023-3MSD

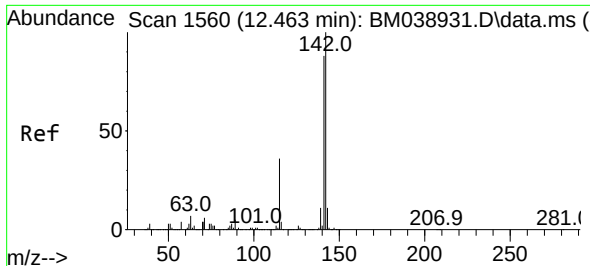
Tgt Ion:113 Resp: 212829
 Ion Ratio Lower Upper
 113 100
 55 161.6 147.0 187.0
 56 123.3 105.1 145.1



#36
 4-Chloro-3-methylphenol
 Concen: 45.955 ng
 RT: 12.063 min Scan# 1492
 Delta R.T. 0.000 min
 Lab File: BM039097.D
 Acq: 22 Mar 2023 18:10

Tgt Ion:107 Resp: 865718
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.7 31.1
 142 79.7 64.6 97.0

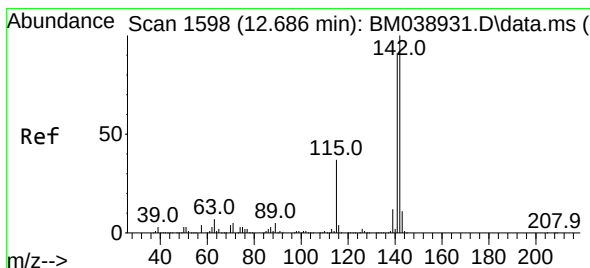
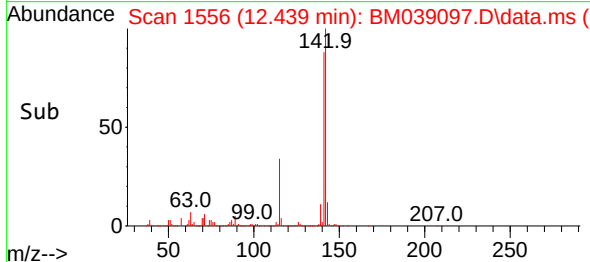
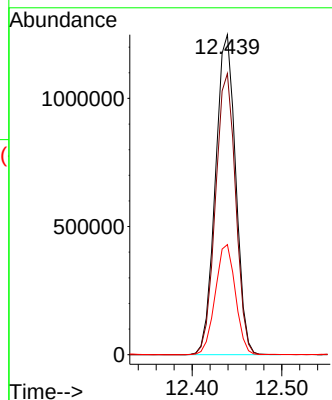
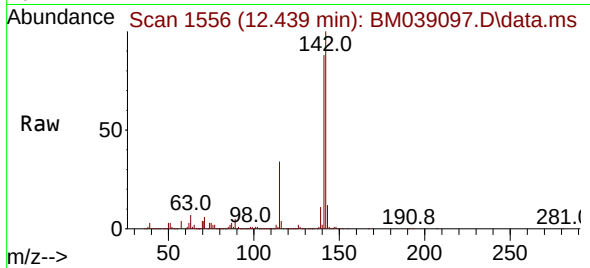




#37
2-Methylnaphthalene
Concen: 44.829 ng
RT: 12.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

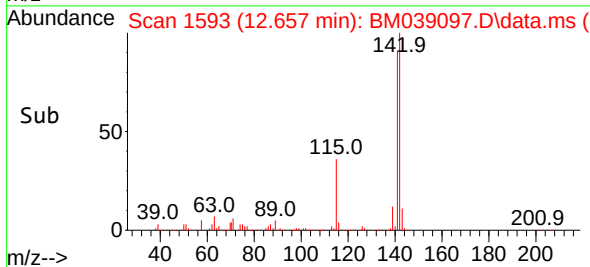
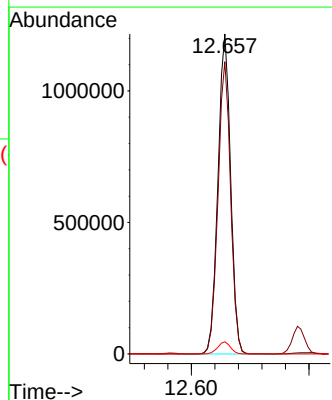
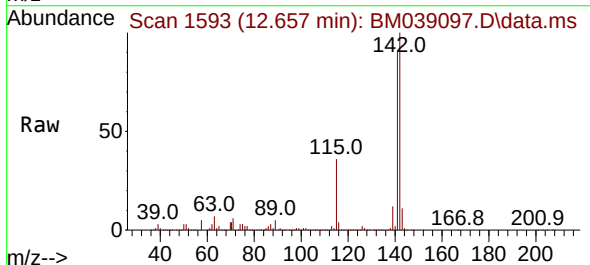
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

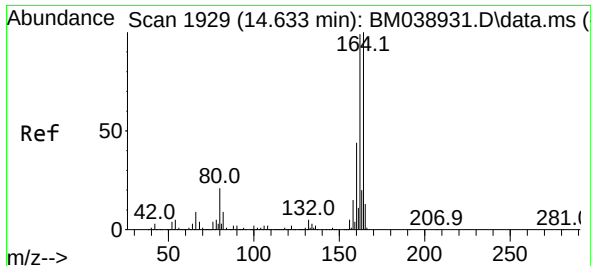
Tgt Ion:142 Resp: 1958562
Ion Ratio Lower Upper
142 100
141 87.9 70.6 106.0
115 34.4 28.5 42.7



#38
1-Methylnaphthalene
Concen: 44.349 ng
RT: 12.657 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:142 Resp: 1815787
Ion Ratio Lower Upper
142 100
141 91.4 72.8 109.2
116 3.8 3.0 4.4

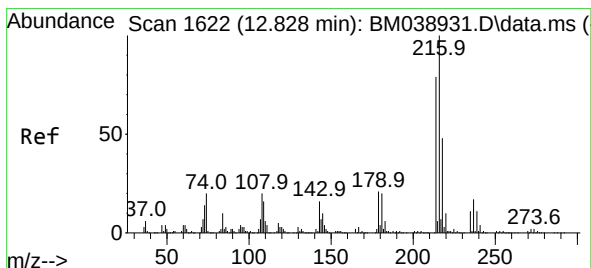
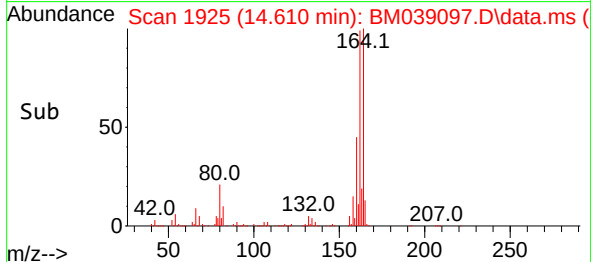
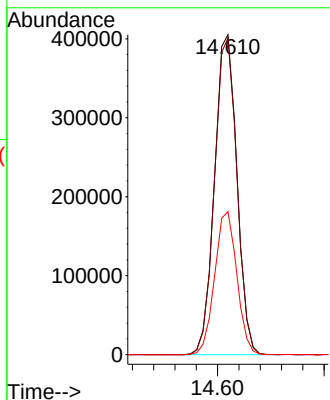
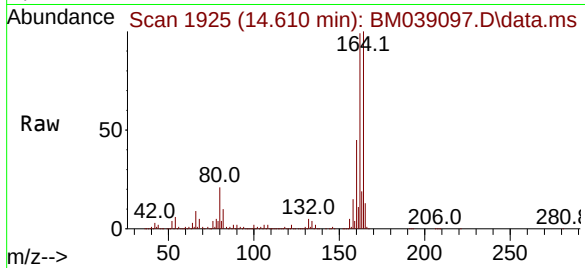




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

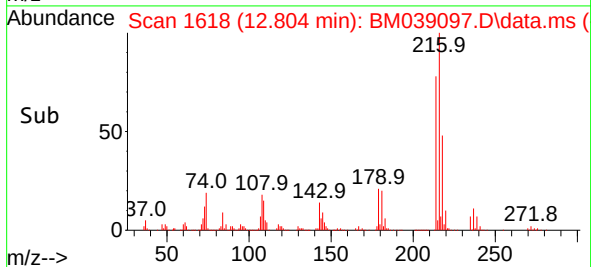
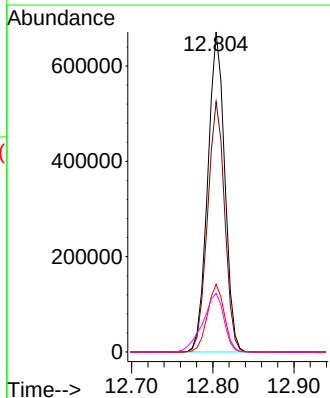
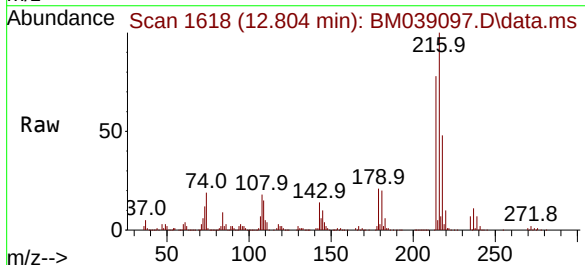
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

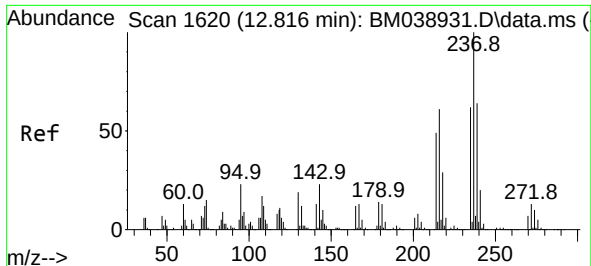
Tgt Ion:164 Resp: 589596
Ion Ratio Lower Upper
164 100
162 99.0 79.2 118.8
160 44.7 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.821 ng
RT: 12.804 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:216 Resp: 974103
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 21.1 16.8 25.2
108 22.8 17.0 25.4

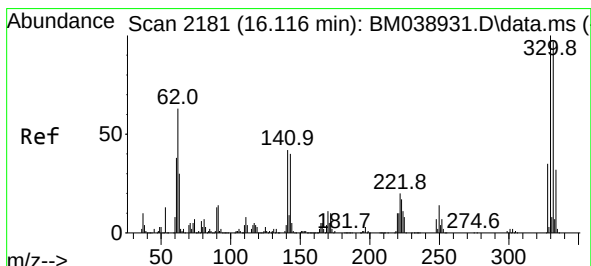
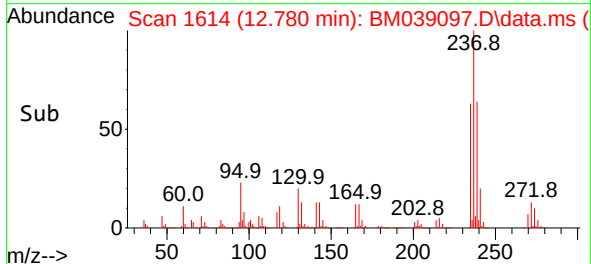
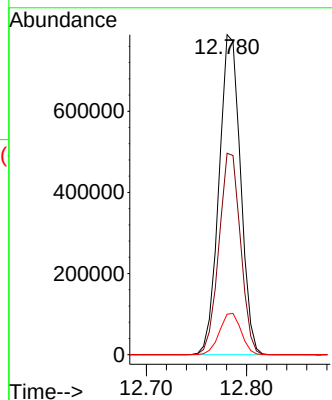
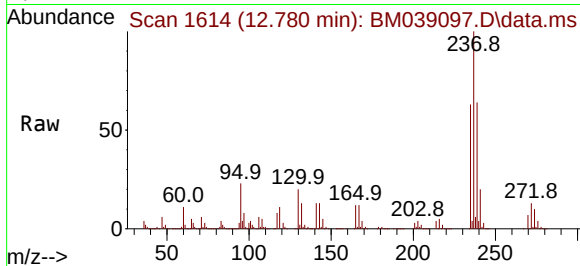




#41
Hexachlorocyclopentadiene
Concen: 111.431 ng
RT: 12.780 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

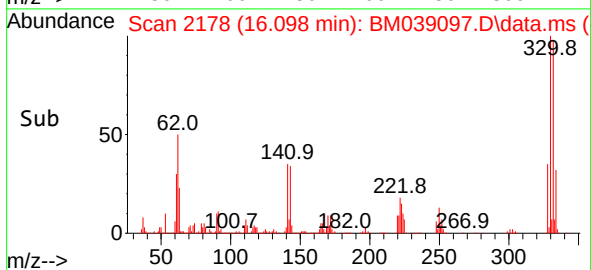
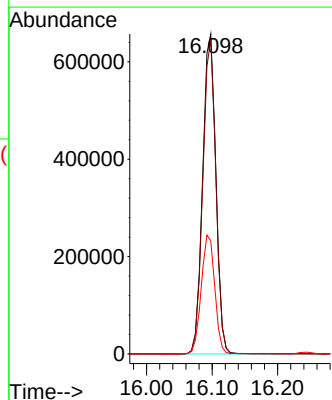
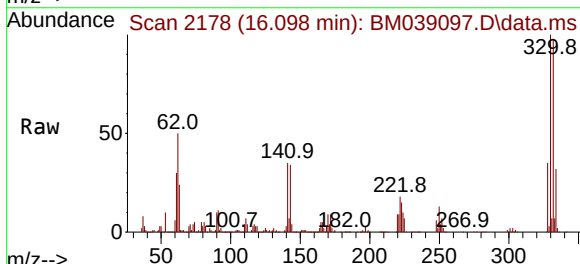
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

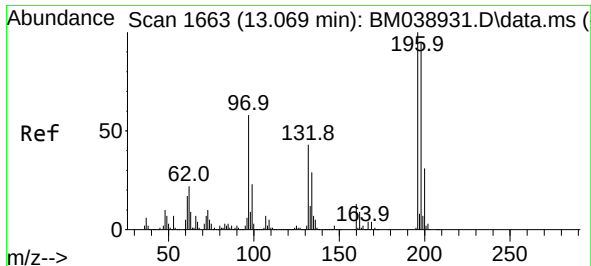
Tgt Ion:237 Resp: 1172385
Ion Ratio Lower Upper
237 100
235 62.9 41.7 81.7
272 12.6 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 135.470 ng
RT: 16.098 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:330 Resp: 924001
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 38.1 32.2 48.4

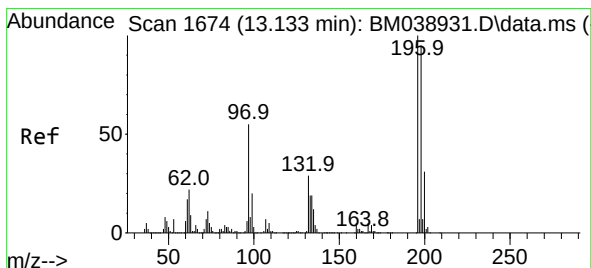
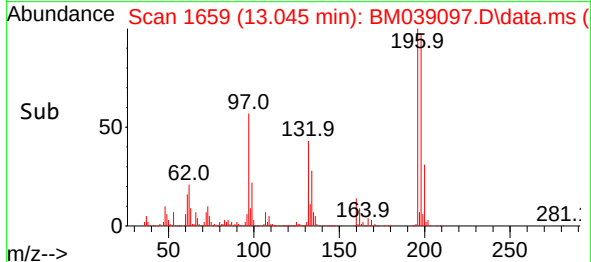
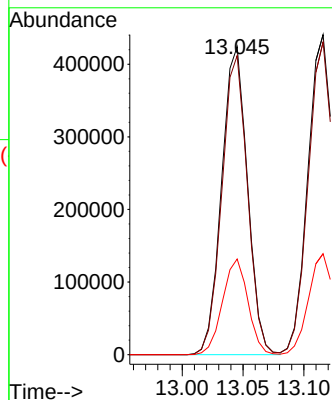
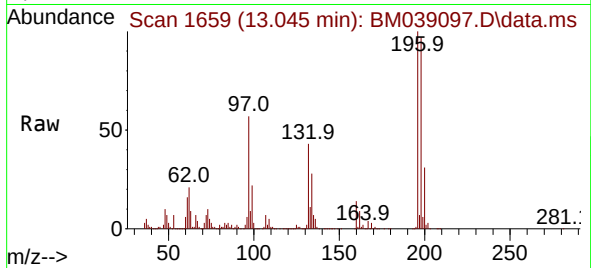




#43
2,4,6-Trichlorophenol
Concen: 50.547 ng
RT: 13.045 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

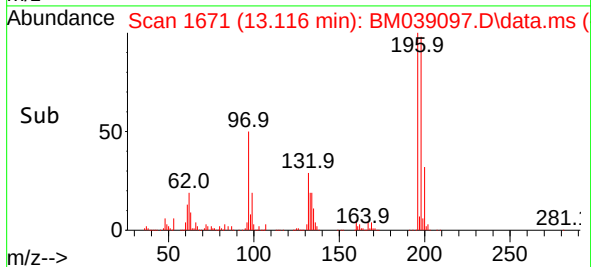
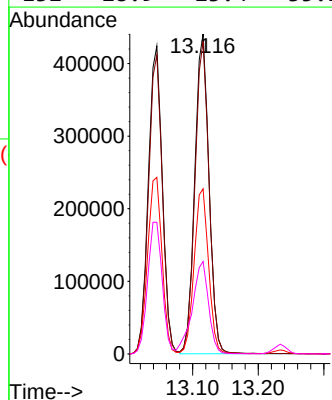
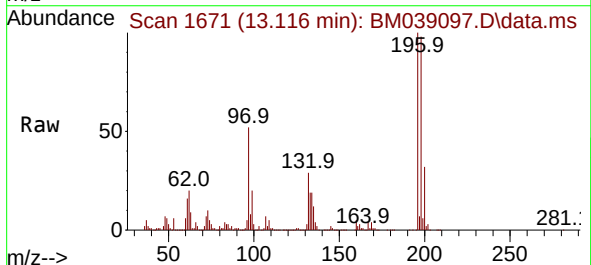
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

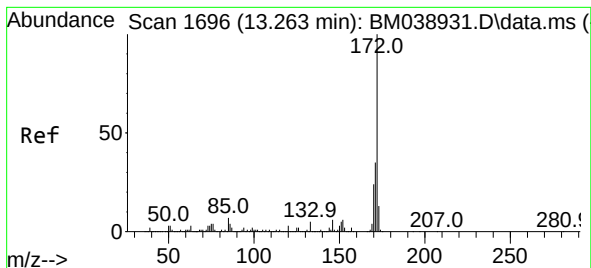
Tgt Ion:196 Resp: 627393
Ion Ratio Lower Upper
196 100
198 97.1 75.8 113.8
200 31.1 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 45.810 ng
RT: 13.116 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:196 Resp: 665541
Ion Ratio Lower Upper
196 100
198 97.7 76.3 114.5
97 51.6 44.2 66.4
132 28.9 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 88.775 ng

RT: 13.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

Instrument :

BNA_M

ClientSampleId :

031023-3MSD

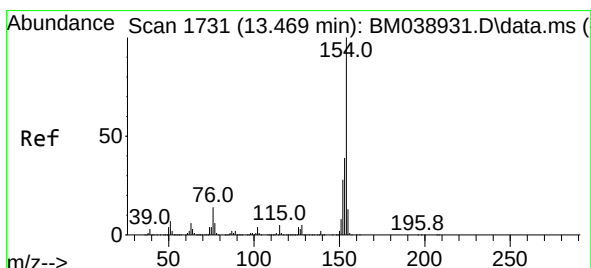
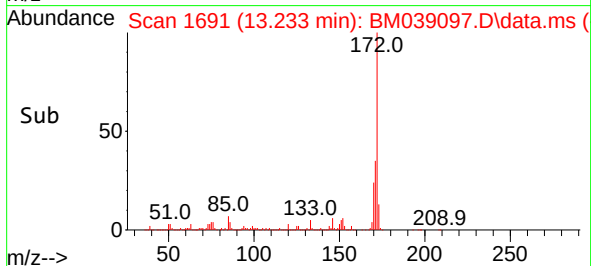
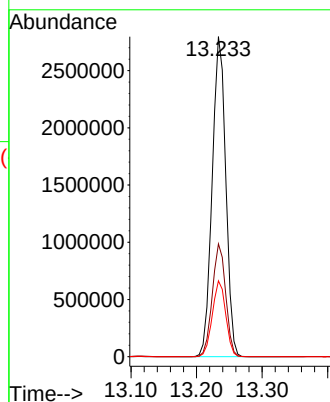
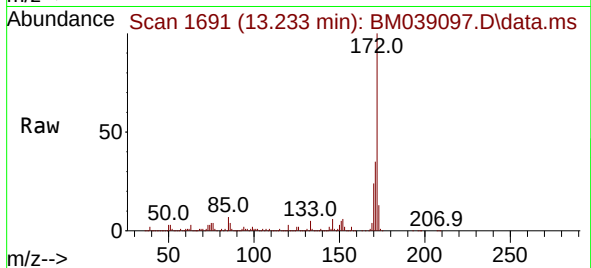
Tgt Ion:172 Resp: 4020683

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 49.847 ng

RT: 13.445 min Scan# 1727

Delta R.T. 0.000 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

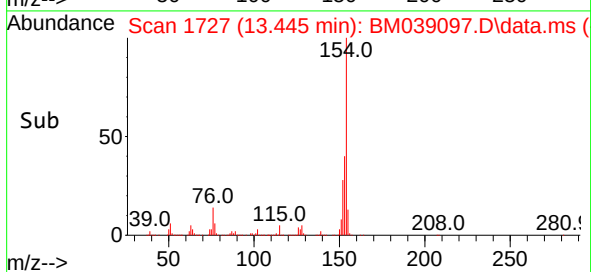
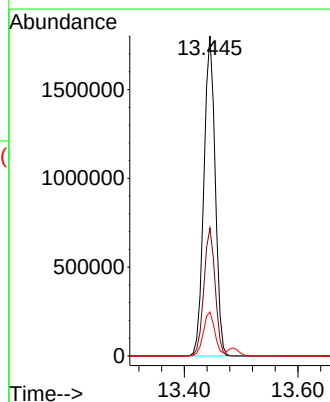
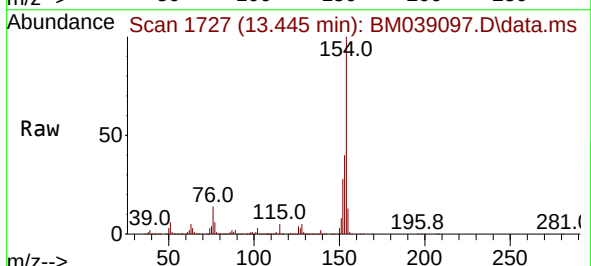
Tgt Ion:154 Resp: 2489788

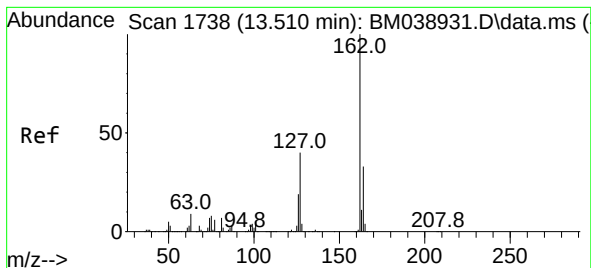
Ion Ratio Lower Upper

154 100

153 40.0 19.3 59.3

76 13.7 0.0 34.0

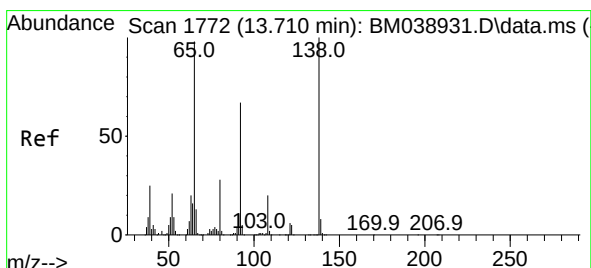
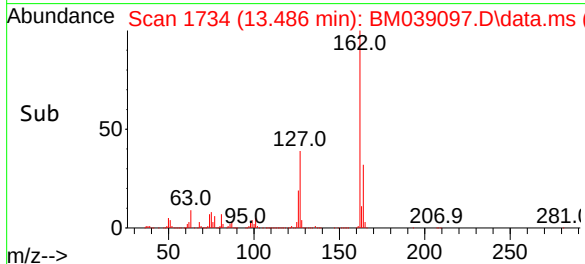
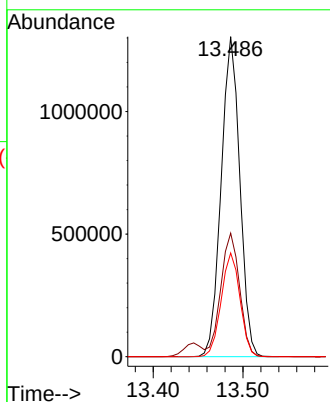
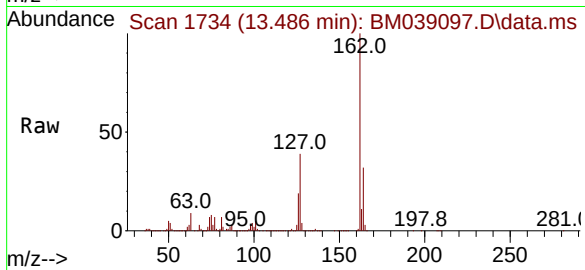




#47
2-Chloronaphthalene
Concen: 50.020 ng
RT: 13.486 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

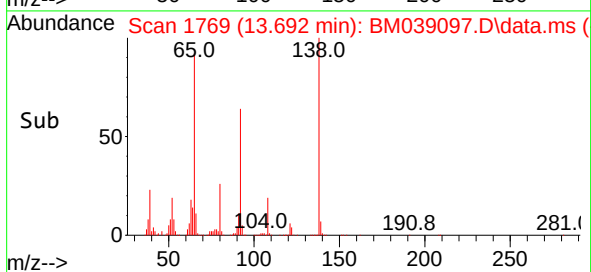
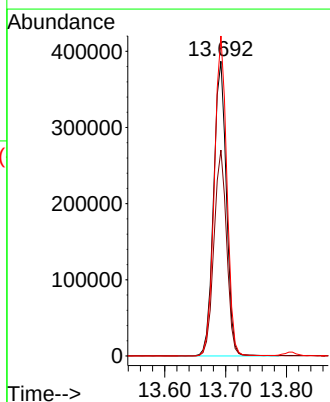
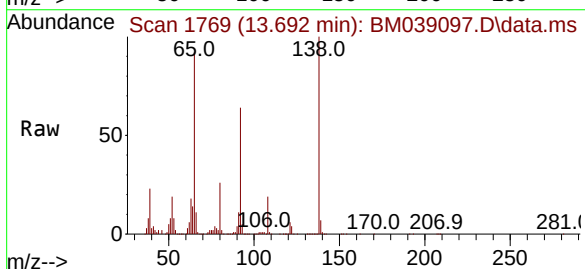
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

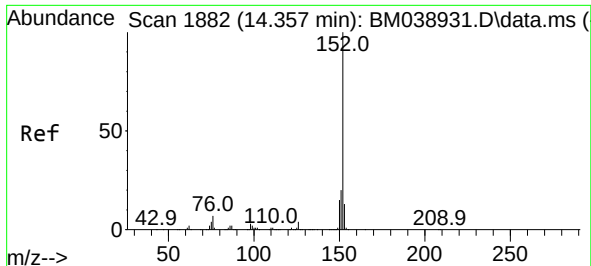
Tgt Ion:162 Resp: 1884002
Ion Ratio Lower Upper
162 100
127 38.6 32.1 48.1
164 32.4 26.2 39.4



#48
2-Nitroaniline
Concen: 46.804 ng
RT: 13.692 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion: 65 Resp: 563723
Ion Ratio Lower Upper
65 100
92 69.8 54.9 82.3
138 108.5 81.6 122.4

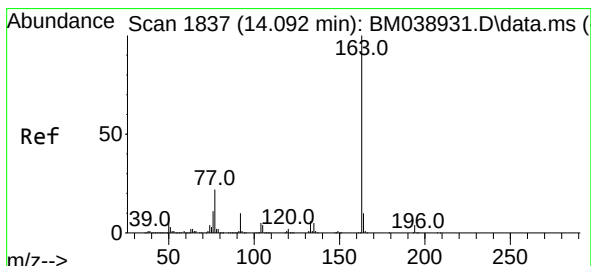
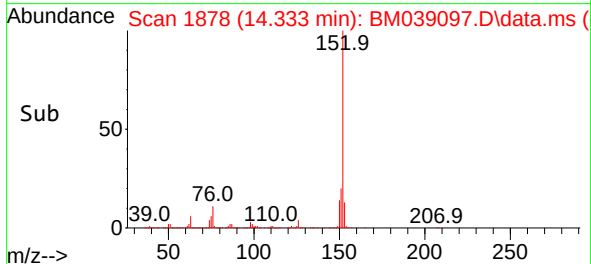
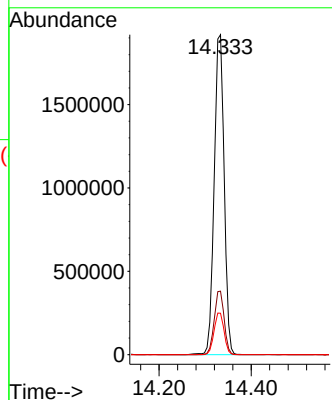
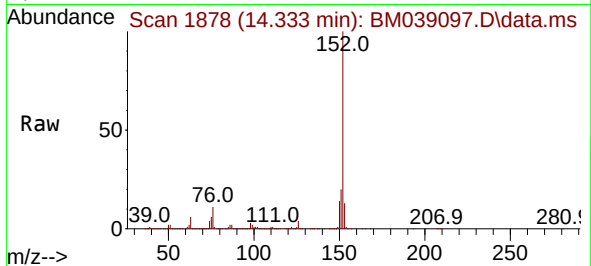




#49
Acenaphthylene
Concen: 47.987 ng
RT: 14.333 min Scan# 1878
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

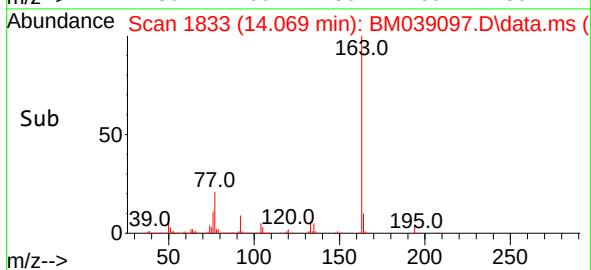
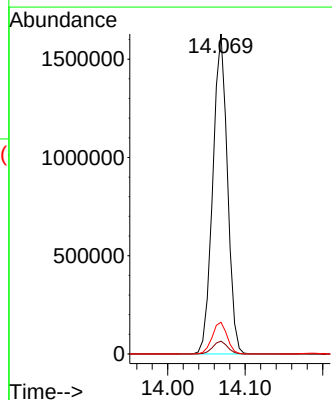
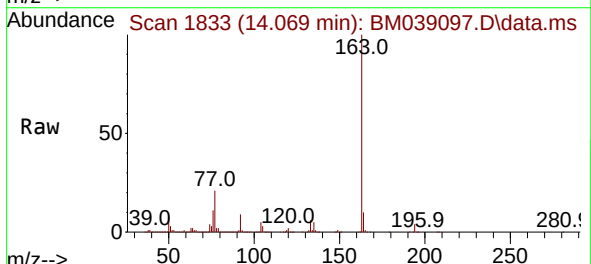
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

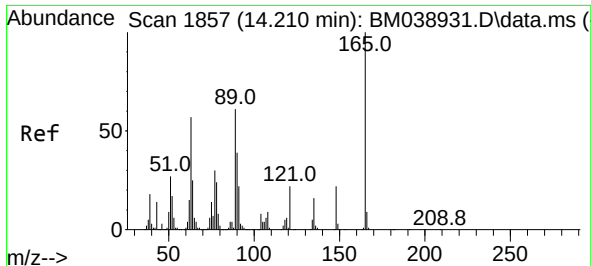
Tgt Ion:152 Resp: 2878968
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 47.012 ng
RT: 14.069 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:163 Resp: 2132877
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 8.1 12.1

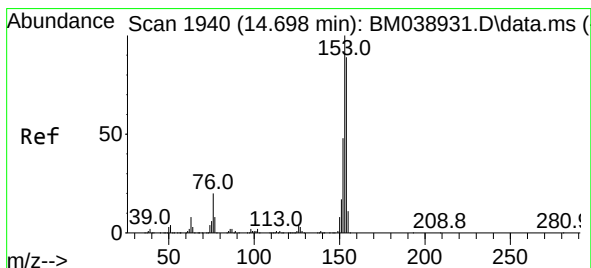
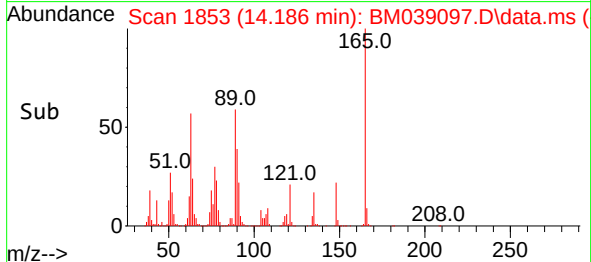
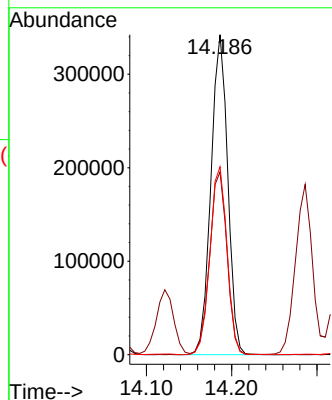
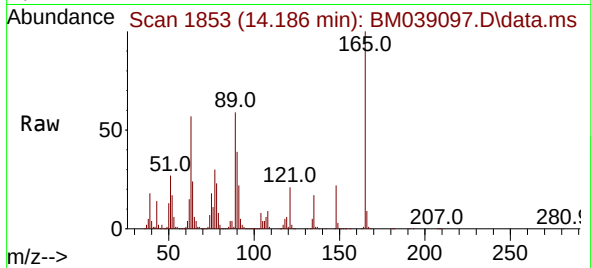




#51
2,6-Dinitrotoluene
Concen: 46.706 ng
RT: 14.186 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

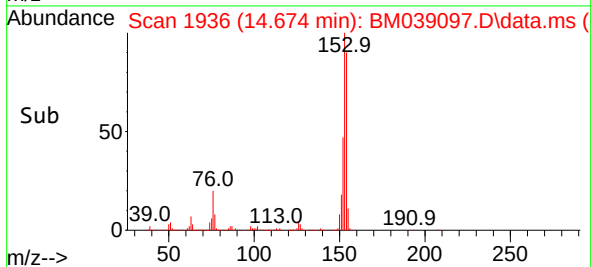
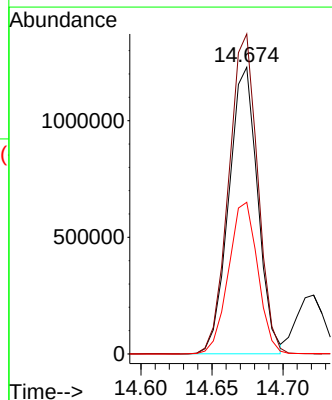
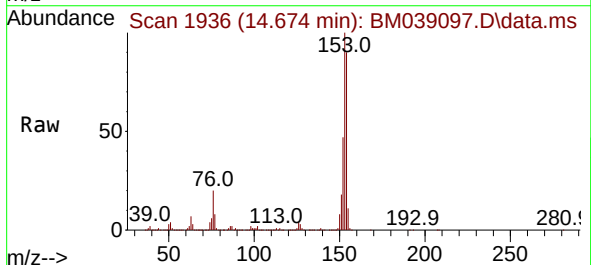
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

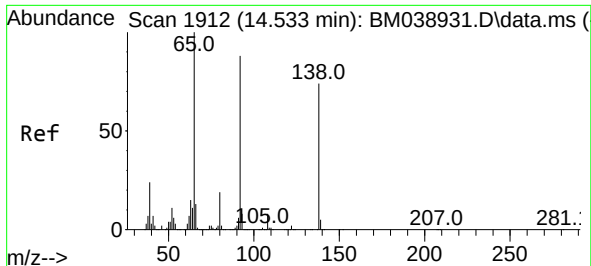
Tgt Ion:165 Resp: 468295
Ion Ratio Lower Upper
165 100
63 57.1 46.6 70.0
89 58.7 48.6 73.0



#52
Acenaphthene
Concen: 47.249 ng
RT: 14.674 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:154 Resp: 1742122
Ion Ratio Lower Upper
154 100
153 111.6 90.2 135.2
152 52.9 43.4 65.2

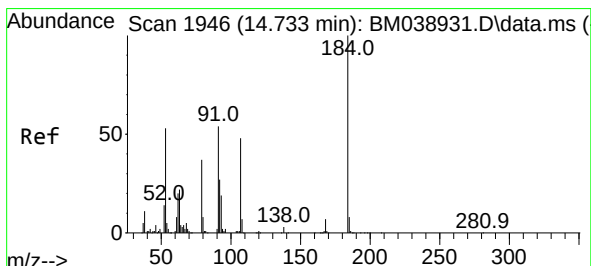
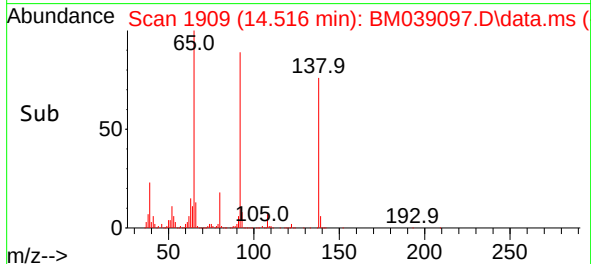
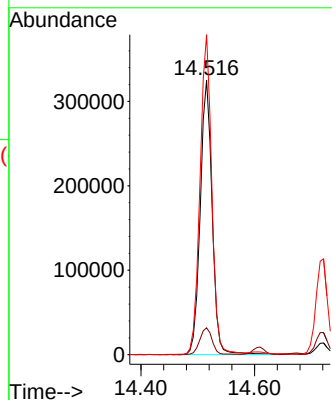
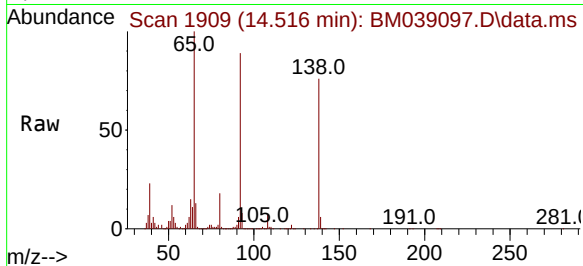




#53
3-Nitroaniline
Concen: 40.719 ng
RT: 14.516 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

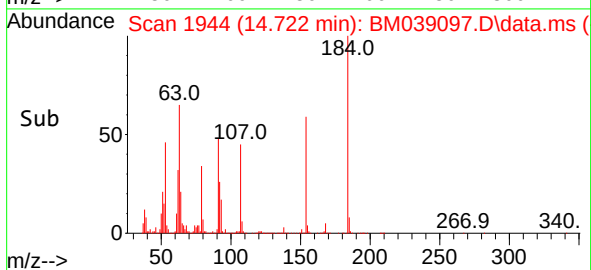
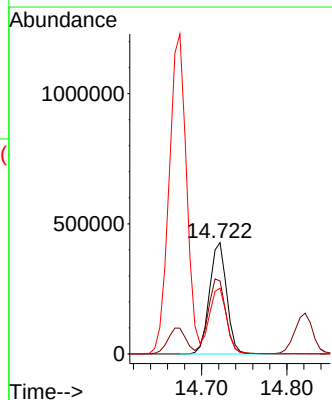
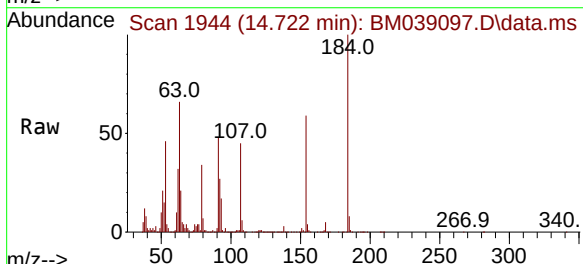
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

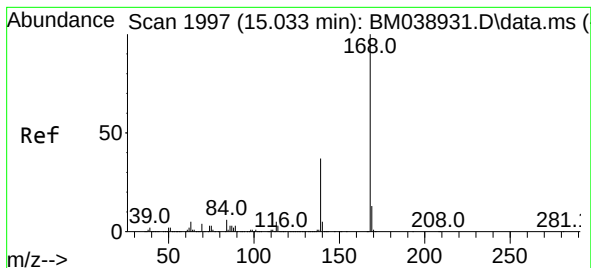
Tgt Ion:138 Resp: 474674
Ion Ratio Lower Upper
138 100
108 9.8 8.3 12.5
92 116.5 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 102.198 ng
RT: 14.722 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:184 Resp: 598259
Ion Ratio Lower Upper
184 100
63 65.6 60.6 90.8
154 59.0 51.4 77.2





#55

Dibenzenofuran

Concen: 46.683 ng

RT: 15.004 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

Instrument :

BNA_M

ClientSampleId :

031023-3MSD

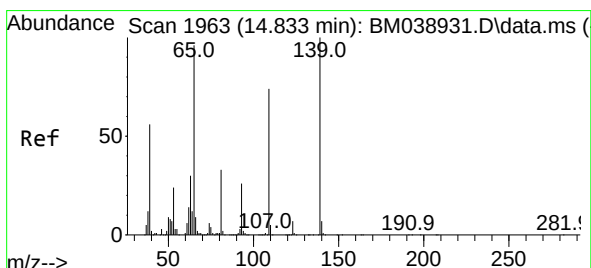
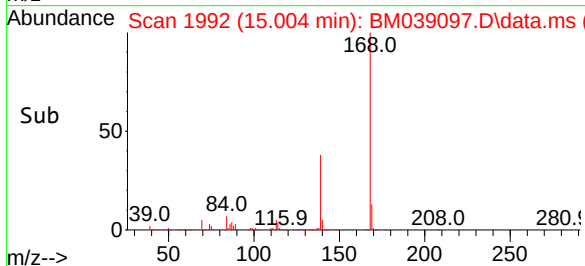
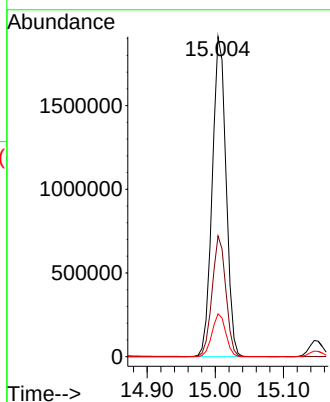
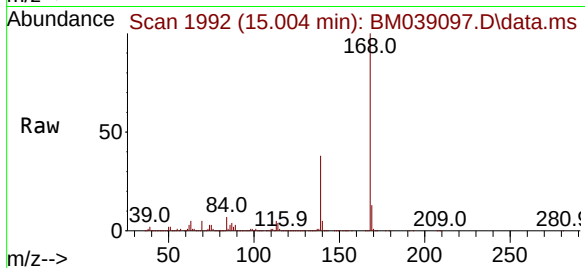
Tgt Ion:168 Resp: 2693508

Ion Ratio Lower Upper

168 100

139 37.8 29.9 44.9

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 89.528 ng

RT: 14.822 min Scan# 1961

Delta R.T. 0.006 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

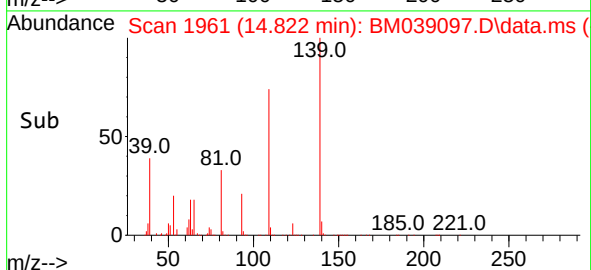
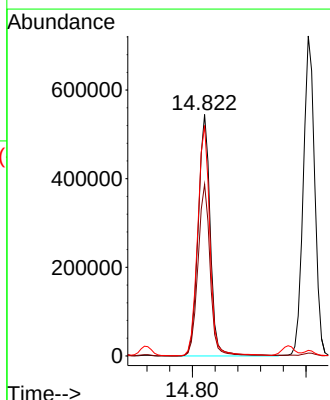
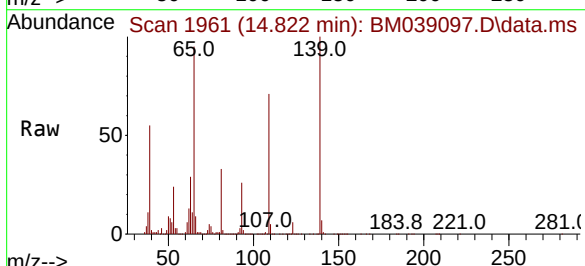
Tgt Ion:139 Resp: 806681

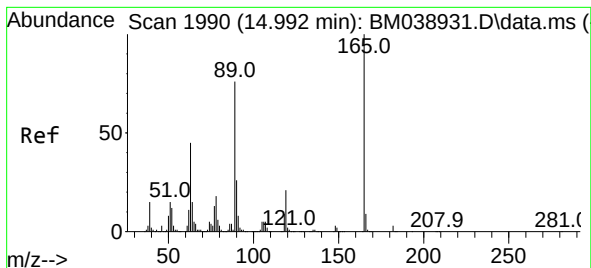
Ion Ratio Lower Upper

139 100

109 71.1 53.5 93.5

65 95.4 76.4 116.4

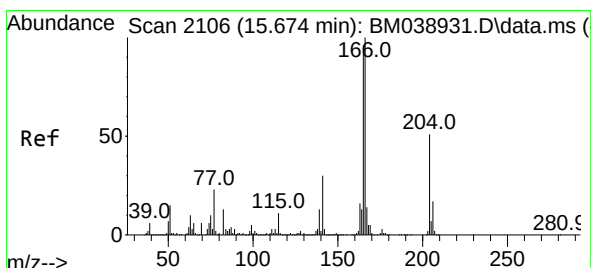
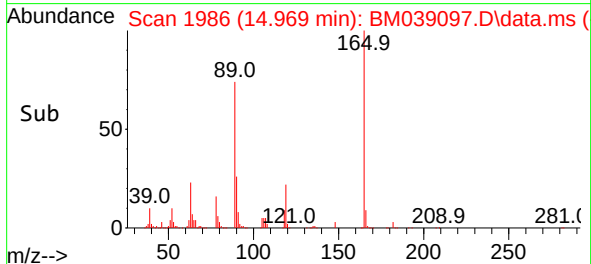
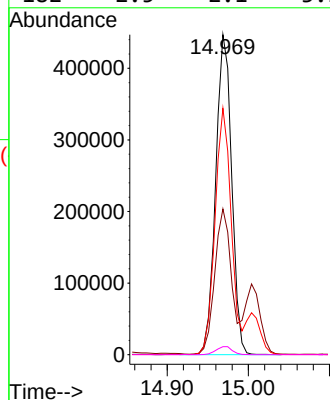
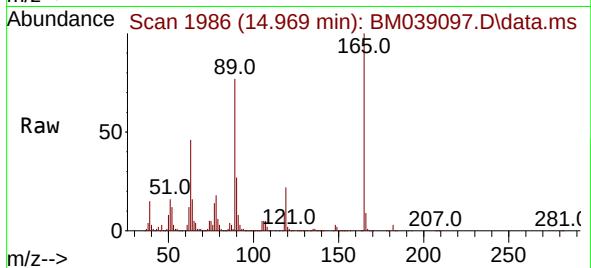




#57
2,4-Dinitrotoluene
Concen: 46.360 ng
RT: 14.969 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

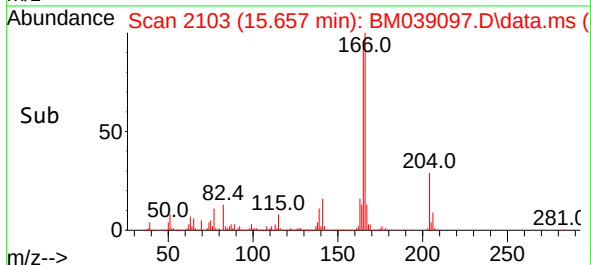
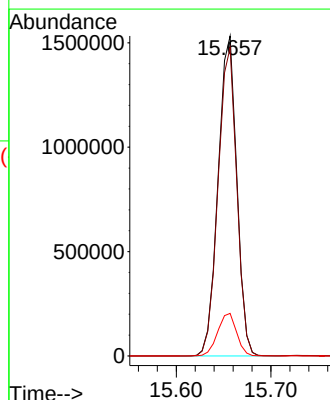
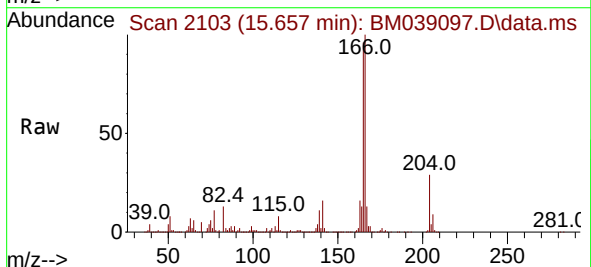
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

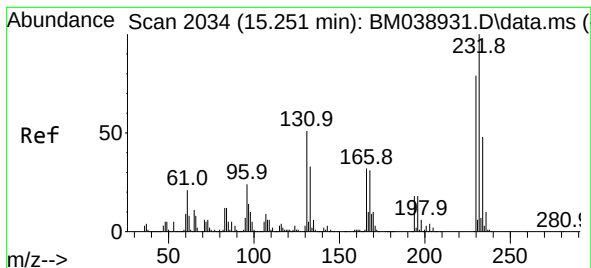
Tgt Ion:	165	Resp:	611176
Ion	Ratio	Lower	Upper
165	100		
63	45.5	35.9	53.9
89	77.0	61.0	91.6
182	2.5	2.1	3.1



#58
Fluorene
Concen: 46.534 ng
RT: 15.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:	166	Resp:	2103151
Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.1	115.7
167	13.3	10.9	16.3

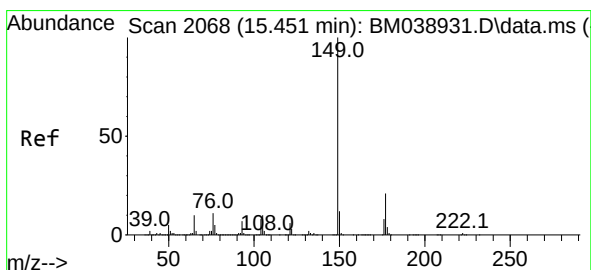
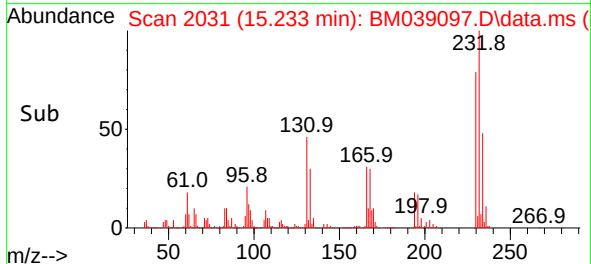
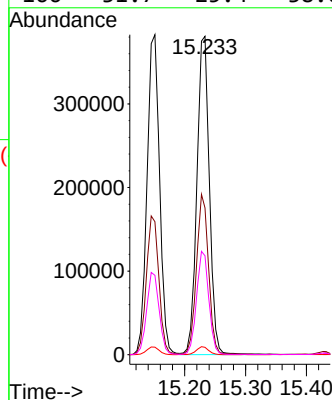
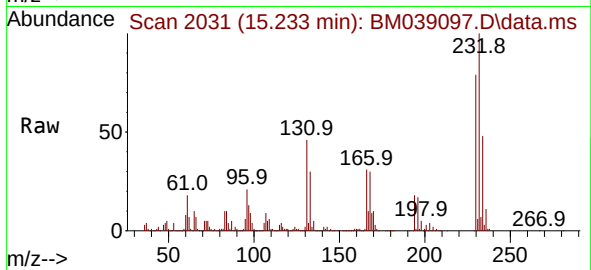




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.330 ng
RT: 15.233 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

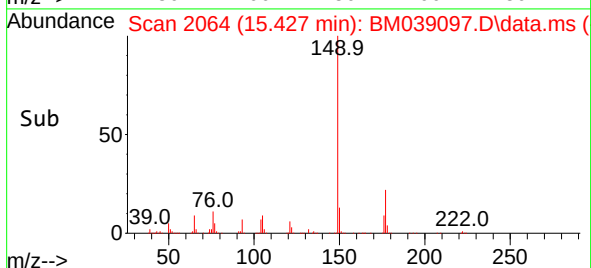
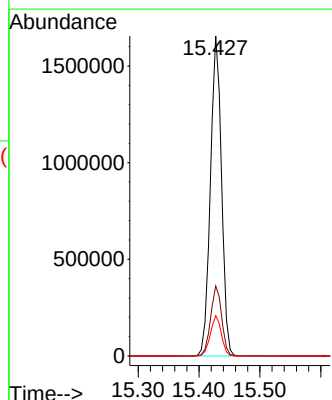
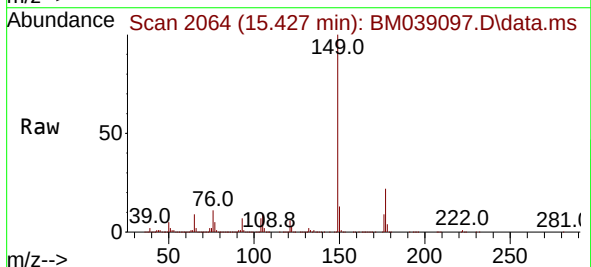
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

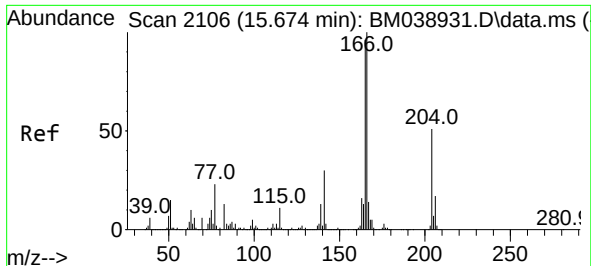
Tgt Ion:232 Resp: 541507
Ion Ratio Lower Upper
232 100
131 48.6 40.0 60.0
130 2.5 2.0 3.0
166 31.7 25.4 38.0



#60
Diethylphthalate
Concen: 47.431 ng
RT: 15.427 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:149 Resp: 2093798
Ion Ratio Lower Upper
149 100
177 21.9 17.1 25.7
150 12.6 9.7 14.5

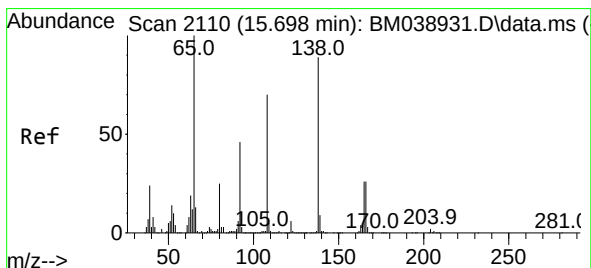
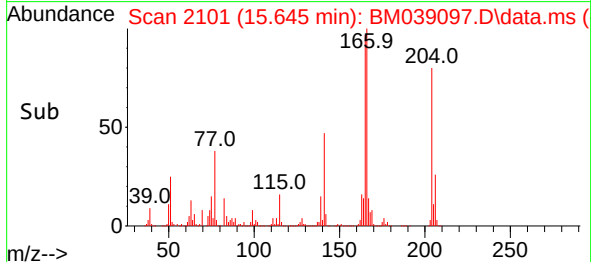
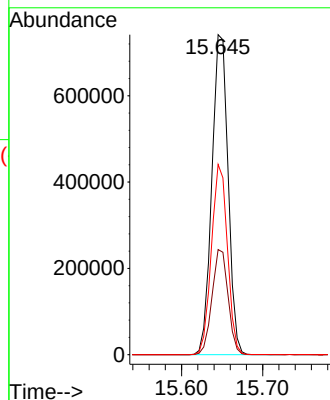
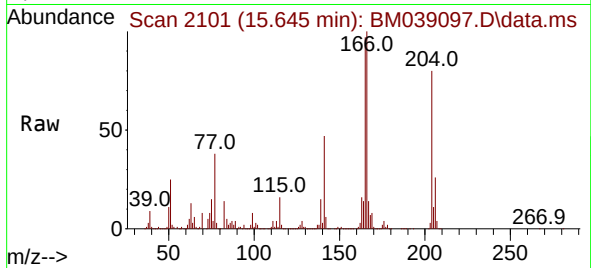




#61
4-Chlorophenyl-phenylether
Concen: 46.253 ng
RT: 15.645 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

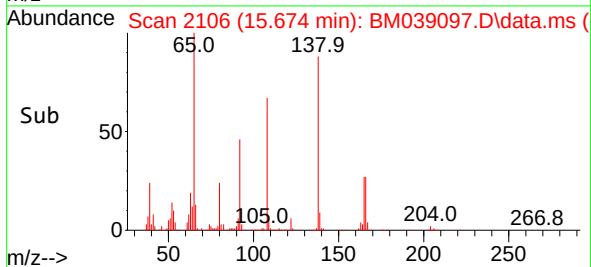
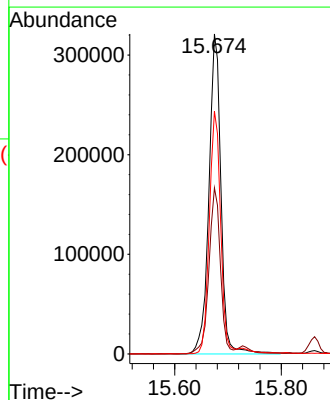
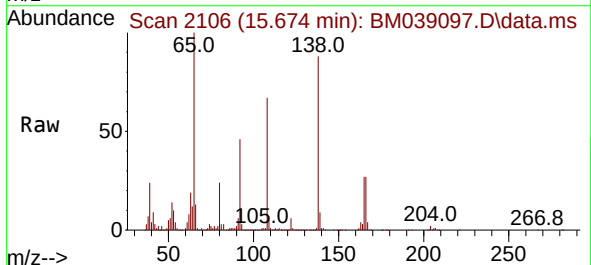
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

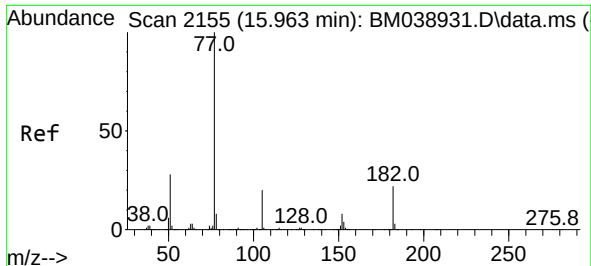
Tgt Ion:204 Resp: 1026986
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 59.4 46.4 69.6



#62
4-Nitroaniline
Concen: 42.472 ng
RT: 15.674 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:138 Resp: 504557
Ion Ratio Lower Upper
138 100
92 51.9 31.6 71.6
108 75.8 58.6 98.6

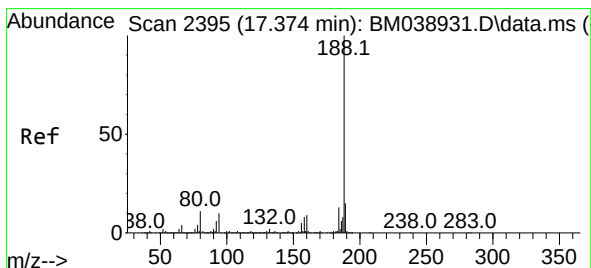
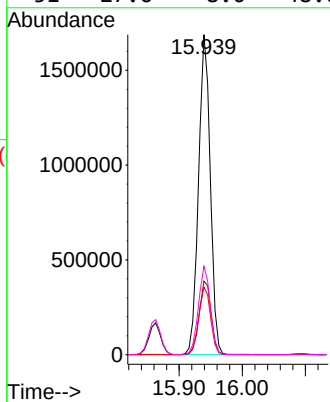
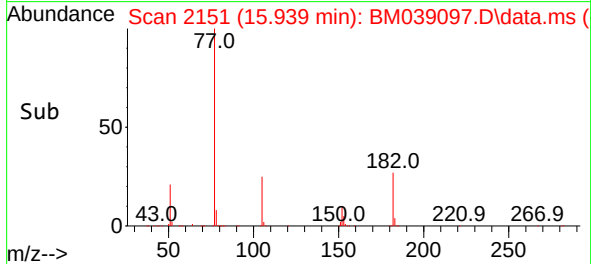
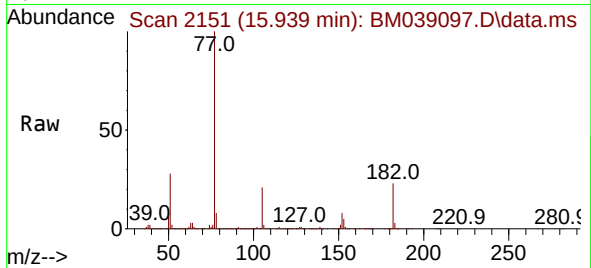




#63
 Azobenzene
 Concen: 46.420 ng
 RT: 15.939 min Scan# 2151
 Delta R.T. 0.000 min
 Lab File: BM039097.D
 Acq: 22 Mar 2023 18:10

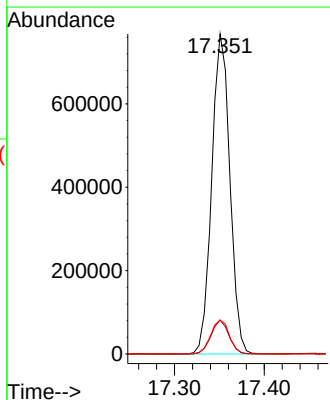
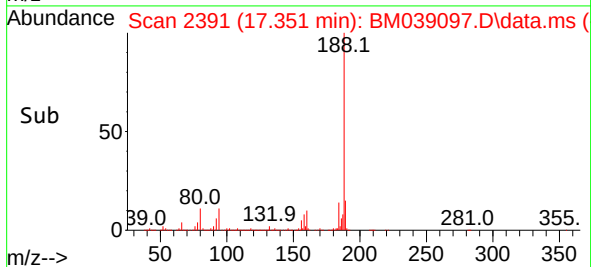
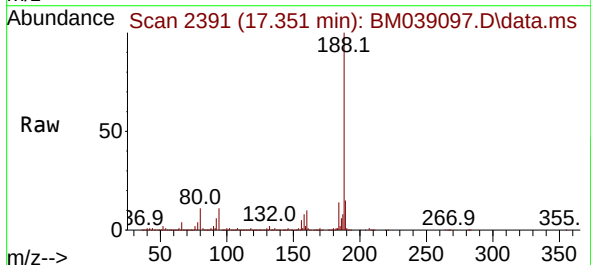
Instrument :
 BNA_M
 ClientSampleId :
 031023-3MSD

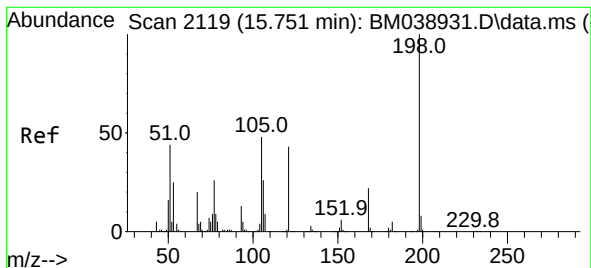
Tgt Ion: 77 Resp: 2168250
 Ion Ratio Lower Upper
 77 100
 182 23.0 2.0 42.0
 105 21.1 0.4 40.4
 51 27.6 8.0 48.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.351 min Scan# 2391
 Delta R.T. 0.000 min
 Lab File: BM039097.D
 Acq: 22 Mar 2023 18:10

Tgt Ion: 188 Resp: 1076492
 Ion Ratio Lower Upper
 188 100
 94 10.6 7.9 11.9
 80 10.6 8.5 12.7

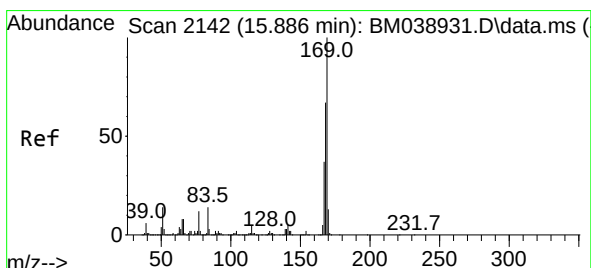
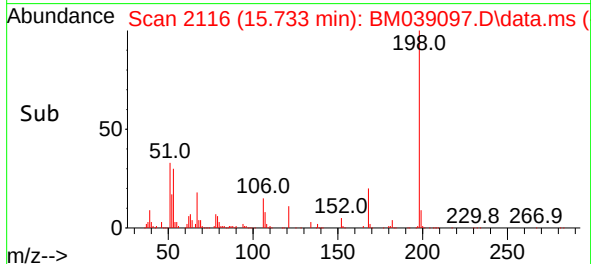
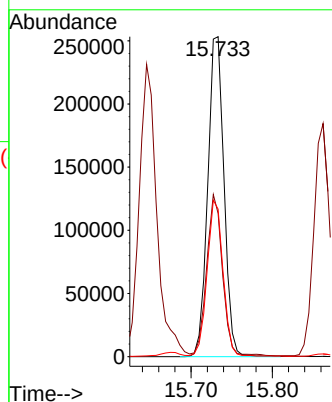
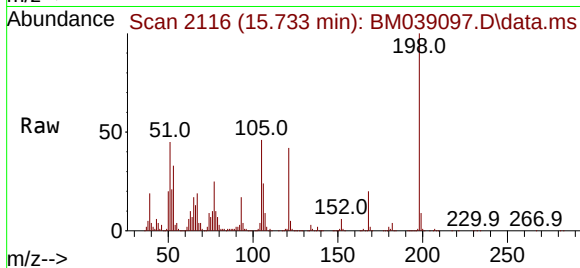




#65
4,6-Dinitro-2-methylphenol
Concen: 49.441 ng
RT: 15.733 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

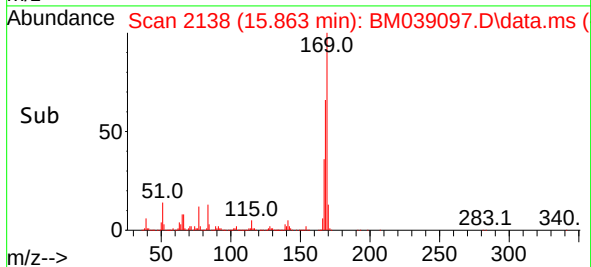
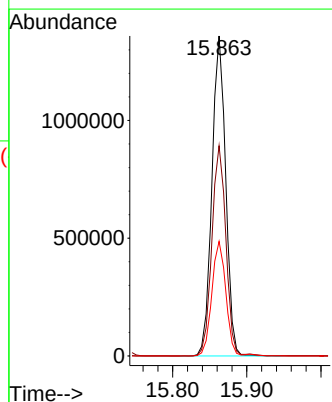
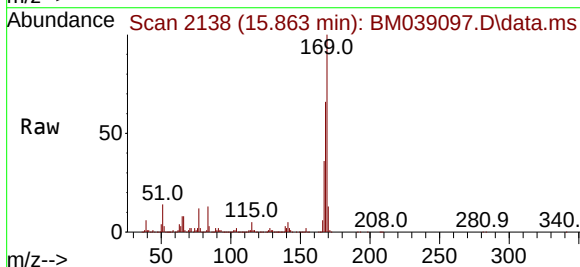
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

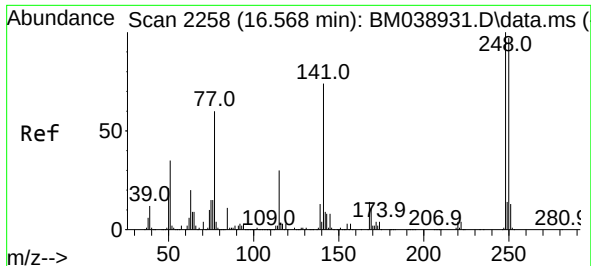
Tgt Ion:198 Resp: 350978
Ion Ratio Lower Upper
198 100
51 44.8 30.1 70.1
105 46.1 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 48.216 ng
RT: 15.863 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:169 Resp: 1749806
Ion Ratio Lower Upper
169 100
168 65.7 53.4 80.0
167 35.8 29.4 44.0

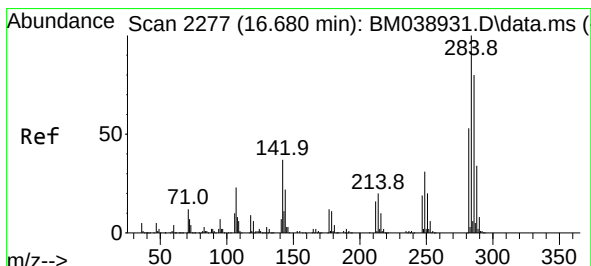
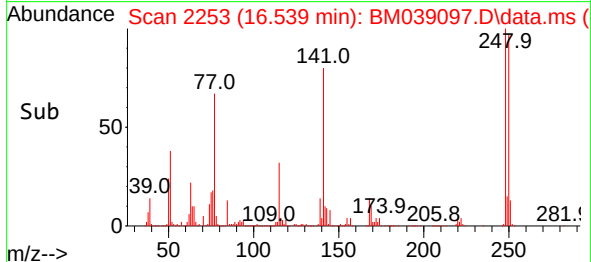
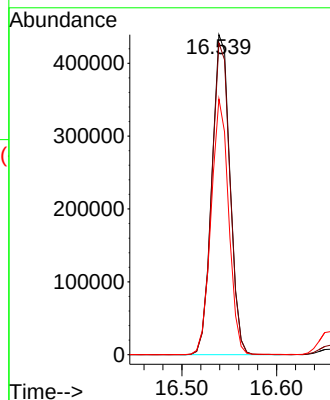
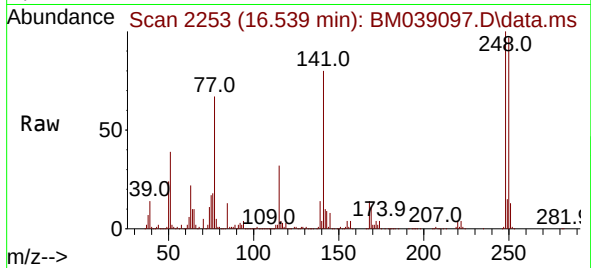




#67
4-Bromophenyl-phenylether
Concen: 50.296 ng
RT: 16.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

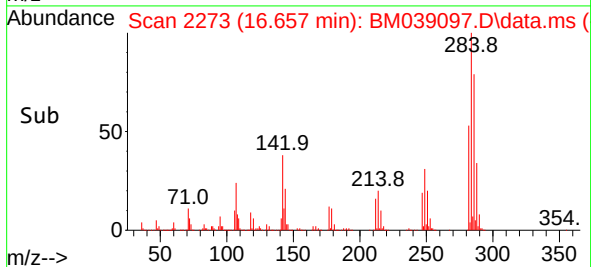
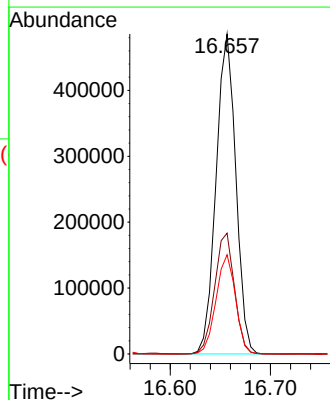
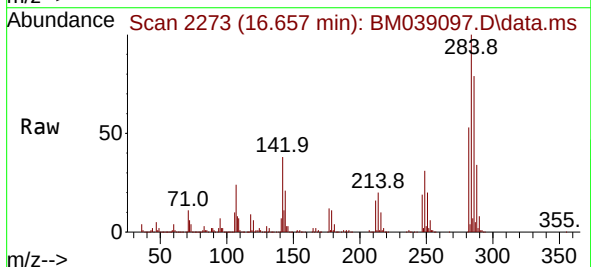
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

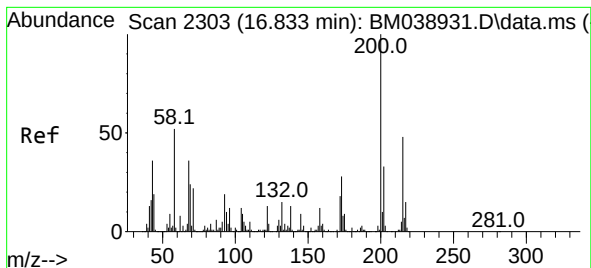
Tgt Ion:248 Resp: 584803
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.8
141 80.0 59.0 88.4



#68
Hexachlorobenzene
Concen: 50.945 ng
RT: 16.657 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:284 Resp: 662188
Ion Ratio Lower Upper
284 100
142 37.7 29.5 44.3
249 31.0 25.0 37.4





#69

Atrazine

Concen: 51.699 ng

RT: 16.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

Instrument :

BNA_M

ClientSampleId :

031023-3MSD

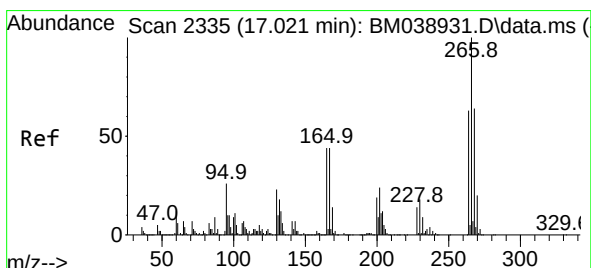
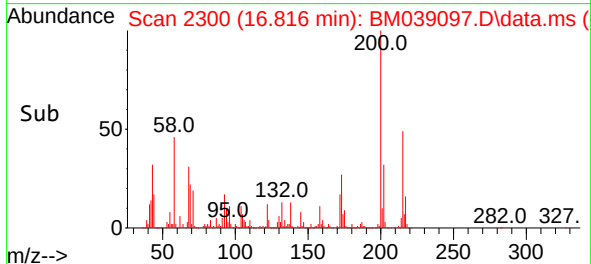
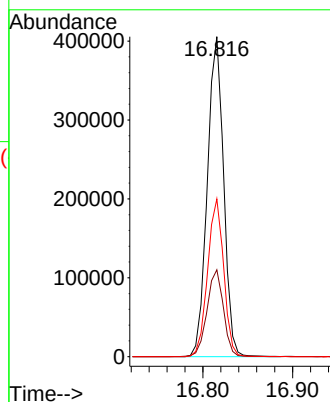
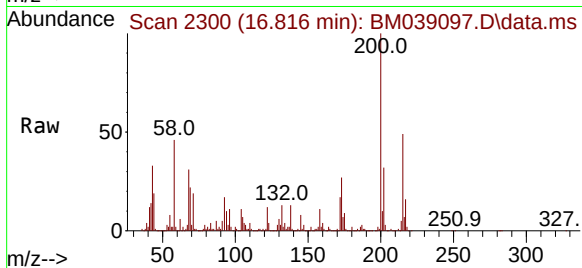
Tgt Ion:200 Resp: 512470

Ion Ratio Lower Upper

200 100

173 27.2 8.2 48.2

215 49.3 27.8 67.8



#70

Pentachlorophenol

Concen: 90.919 ng

RT: 17.004 min Scan# 2332

Delta R.T. 0.006 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

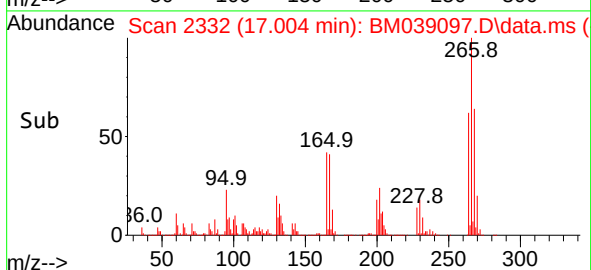
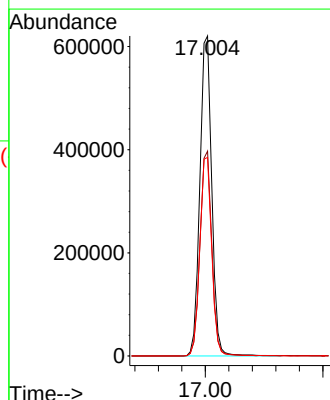
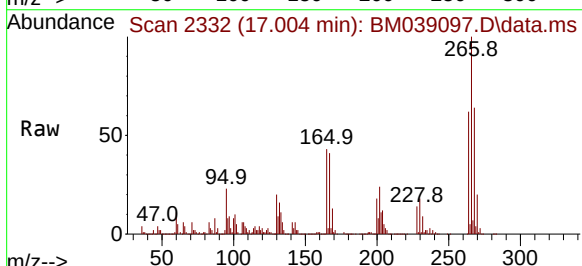
Tgt Ion:266 Resp: 869201

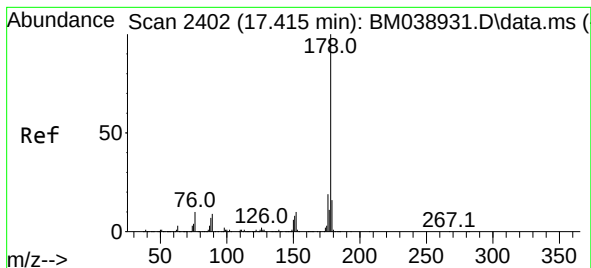
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.4

264 62.1 50.3 75.5





#71

Phenanthrene

Concen: 47.801 ng

RT: 17.398 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

Instrument :

BNA_M

ClientSampleId :

031023-3MSD

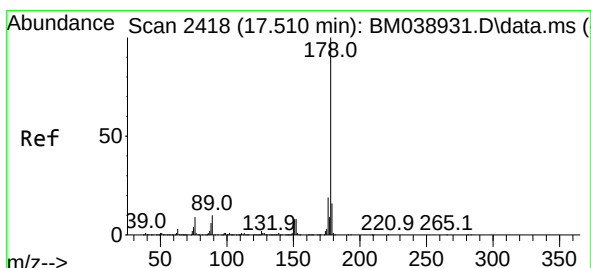
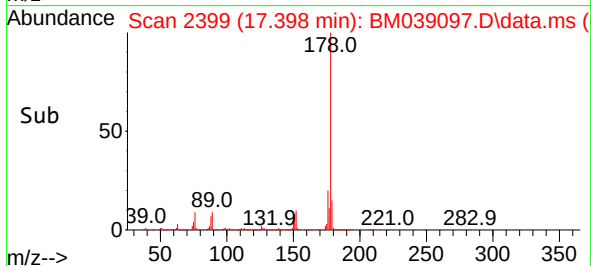
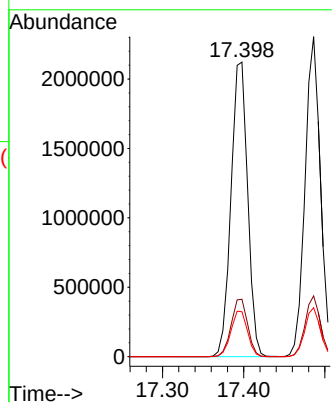
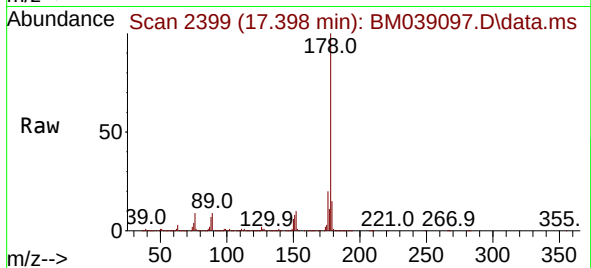
Tgt Ion:178 Resp: 3020093

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.3 12.5 18.7



#72

Anthracene

Concen: 48.483 ng

RT: 17.486 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

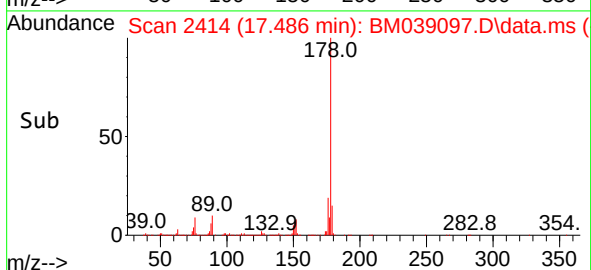
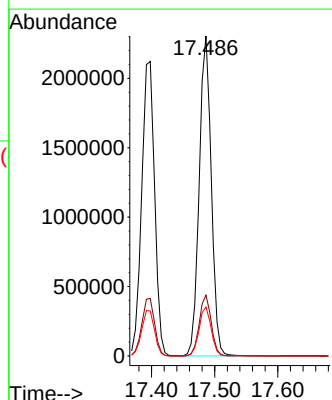
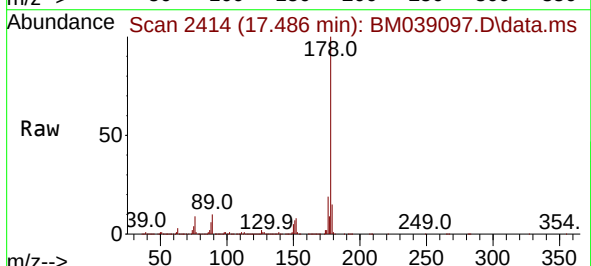
Tgt Ion:178 Resp: 3054758

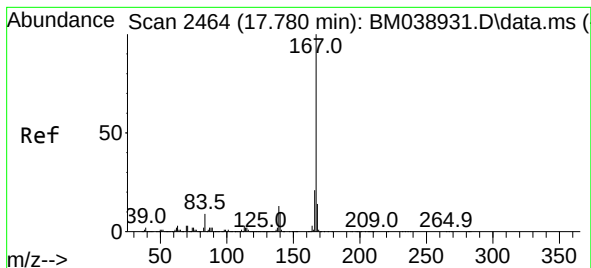
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.3 12.5 18.7





#73

Carbazole

Concen: 49.278 ng

RT: 17.757 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

Instrument :

BNA_M

ClientSampleId :

031023-3MSD

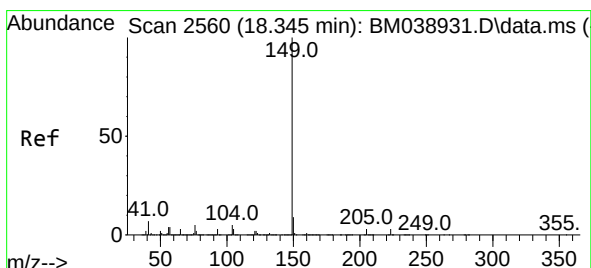
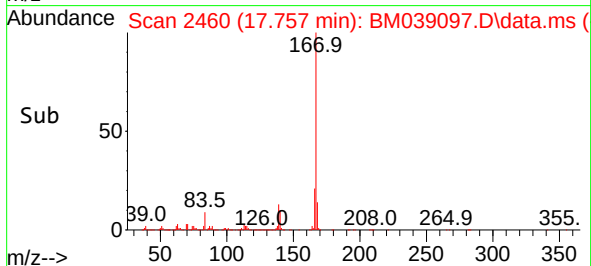
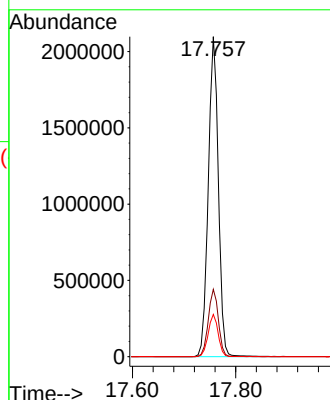
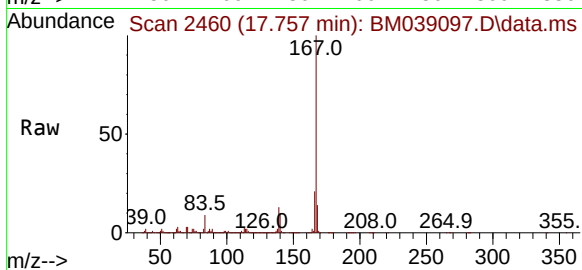
Tgt Ion:167 Resp: 2833630

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

139 13.2 10.3 15.5



#74

Di-n-butylphthalate

Concen: 49.062 ng

RT: 18.321 min Scan# 2556

Delta R.T. 0.000 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

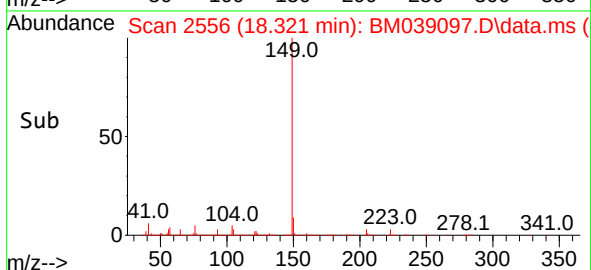
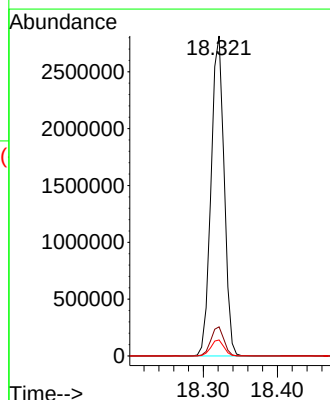
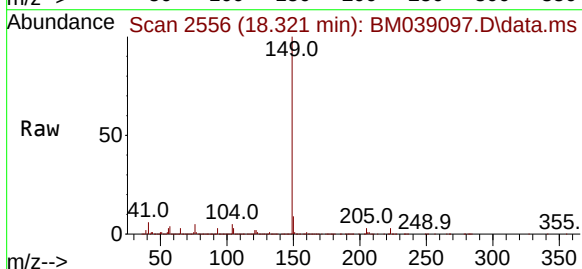
Tgt Ion:149 Resp: 3443901

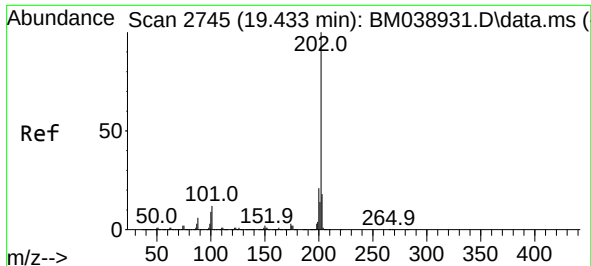
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.0 4.3 6.5

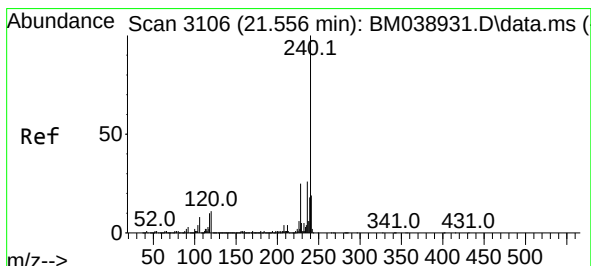
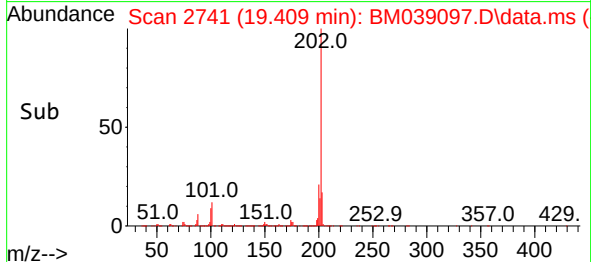
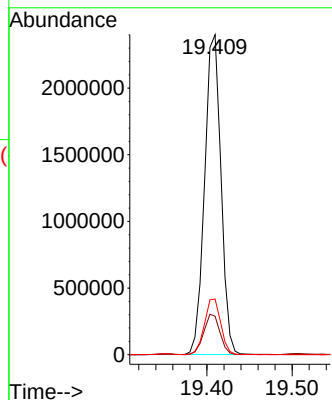
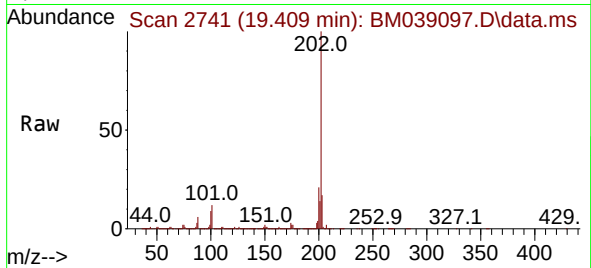




#75
Fluoranthene
Concen: 48.021 ng
RT: 19.409 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

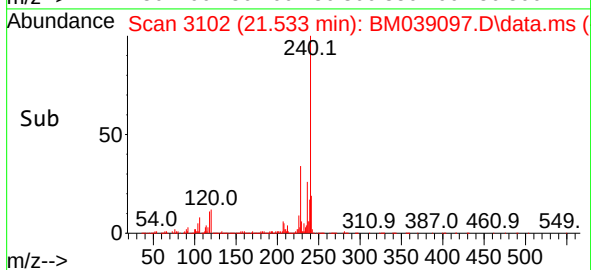
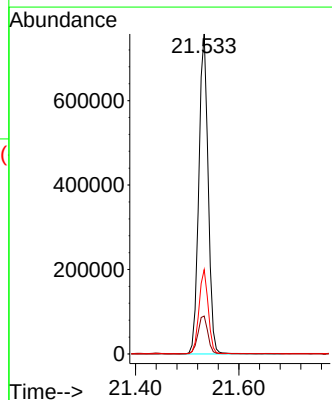
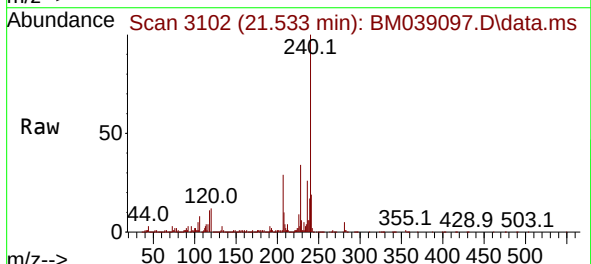
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

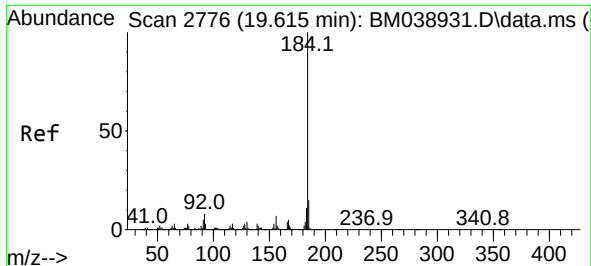
Tgt Ion:202 Resp: 3203402
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.7
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:240 Resp: 948154
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 26.3 20.8 31.2

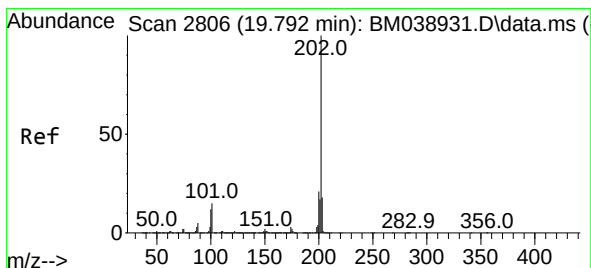
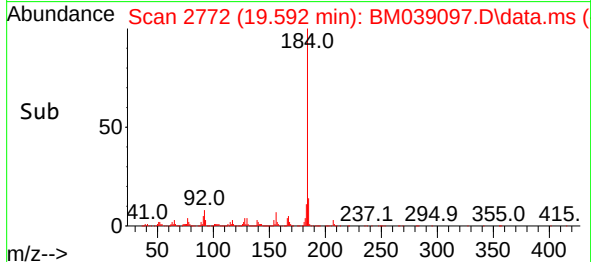
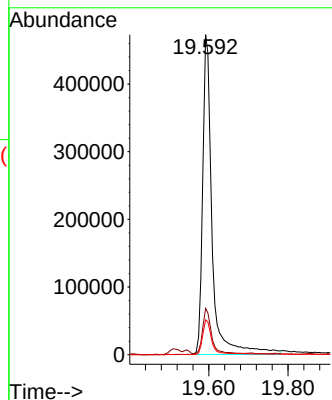
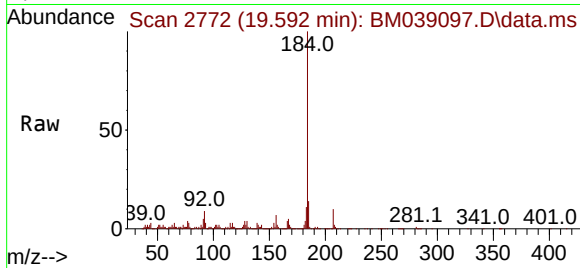




#77
Benzidine
Concen: 37.496 ng
RT: 19.592 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

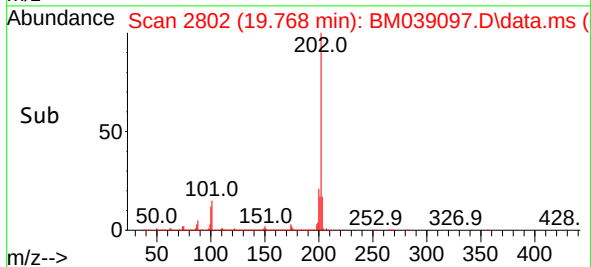
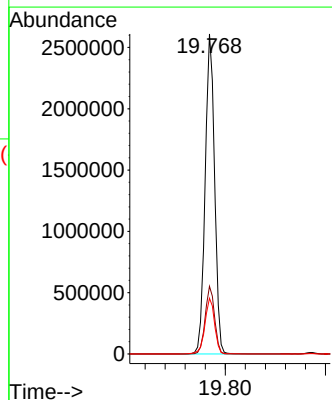
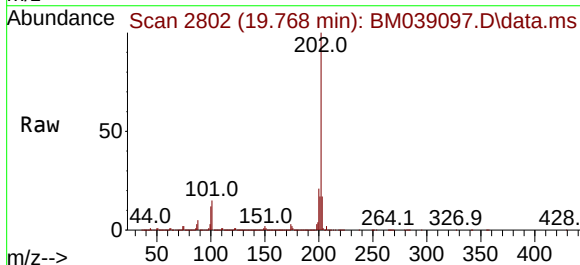
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

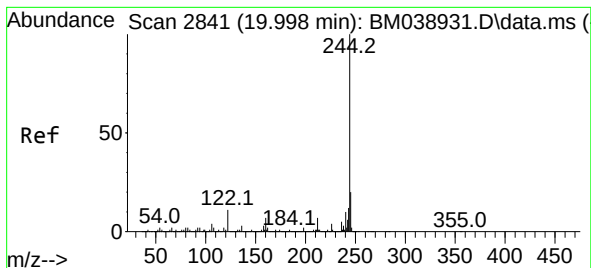
Tgt Ion:184 Resp: 784710
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.4
183 10.9 8.8 13.2



#78
Pyrene
Concen: 47.878 ng
RT: 19.768 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:202 Resp: 3409576
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 93.195 ng

RT: 19.974 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

Instrument :

BNA_M

ClientSampleId :

031023-3MSD

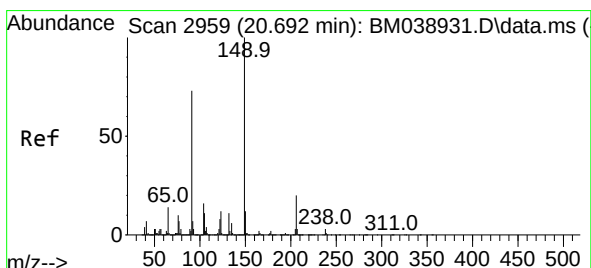
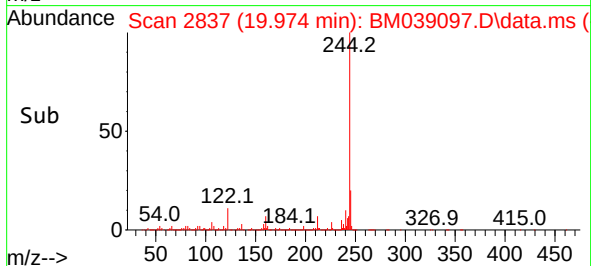
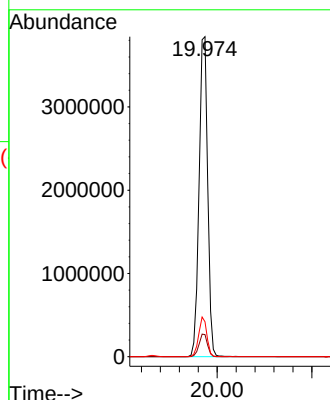
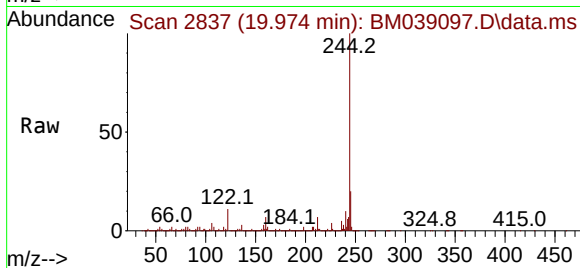
Tgt Ion:244 Resp: 4833005

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 10.9 9.0 13.4



#80

Butylbenzylphthalate

Concen: 50.941 ng

RT: 20.668 min Scan# 2955

Delta R.T. 0.006 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

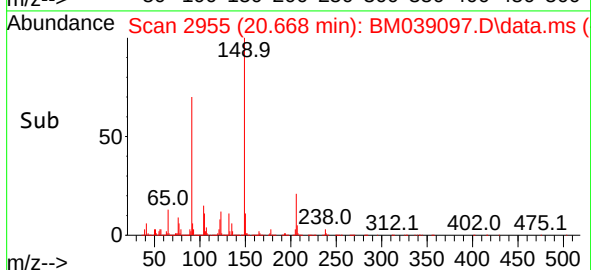
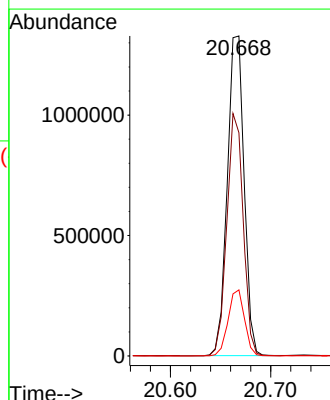
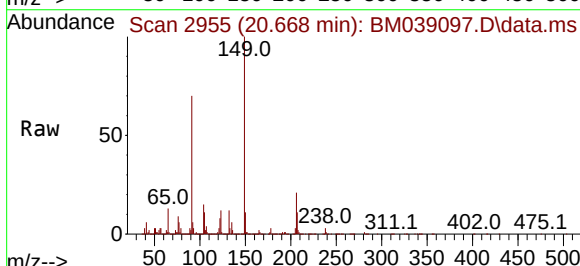
Tgt Ion:149 Resp: 1549136

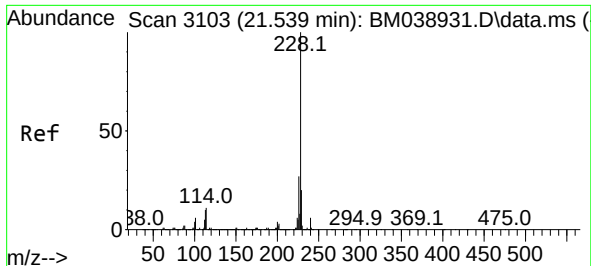
Ion Ratio Lower Upper

149 100

91 69.8 58.4 87.6

206 20.7 16.1 24.1

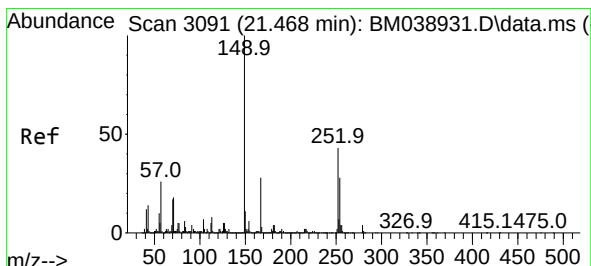
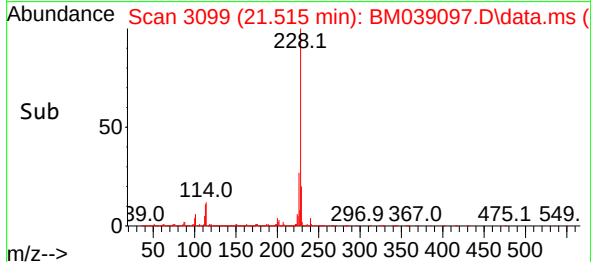
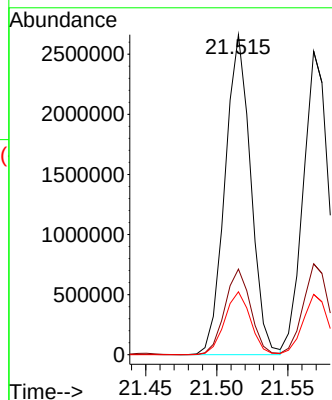
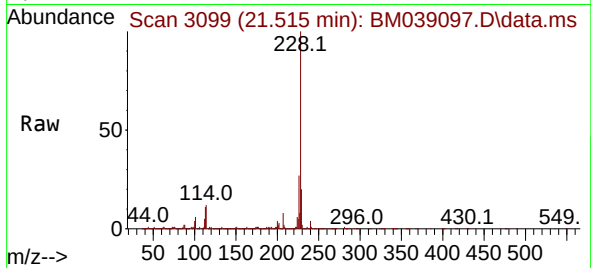




#81
Benzo(a)anthracene
Concen: 49.161 ng
RT: 21.515 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

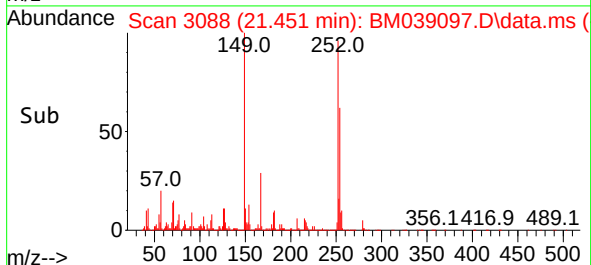
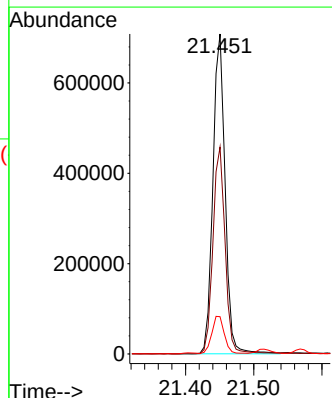
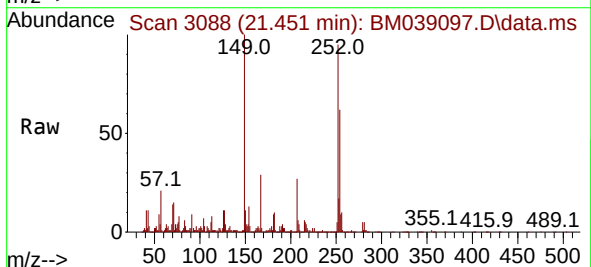
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

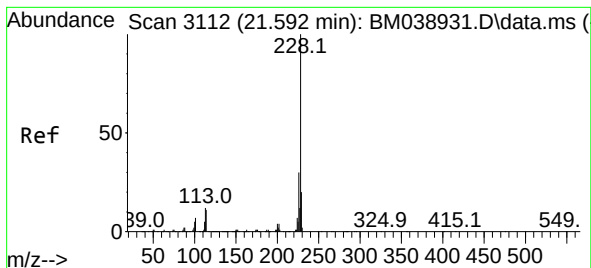
Tgt Ion:228 Resp: 3356794
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 42.064 ng
RT: 21.451 min Scan# 3088
Delta R.T. 0.006 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:252 Resp: 882726
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 11.7 9.9 14.9





#83

Chrysene

Concen: 47.329 ng

RT: 21.568 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

Instrument :

BNA_M

ClientSampleId :

031023-3MSD

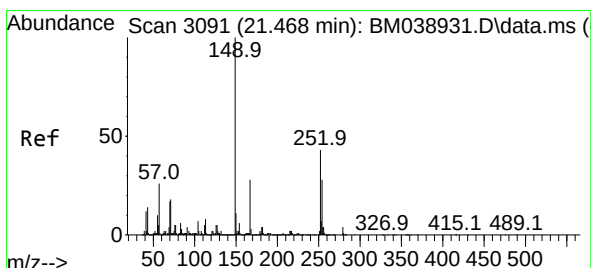
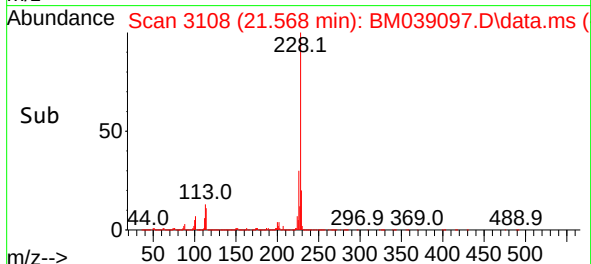
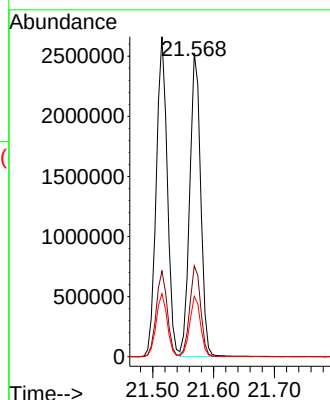
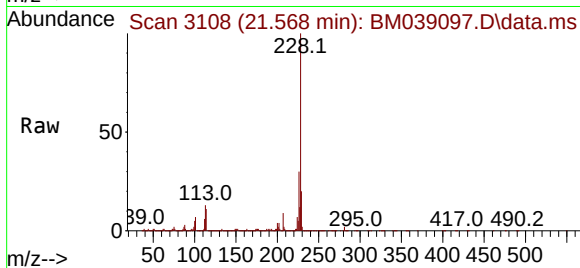
Tgt Ion:228 Resp: 3143093

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.427 ng

RT: 21.439 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

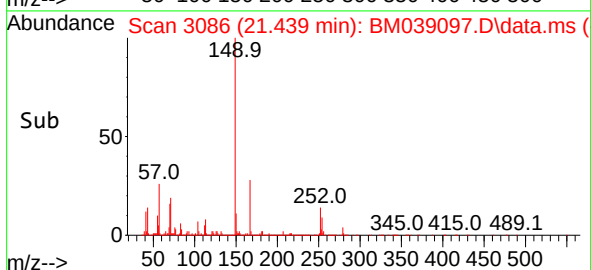
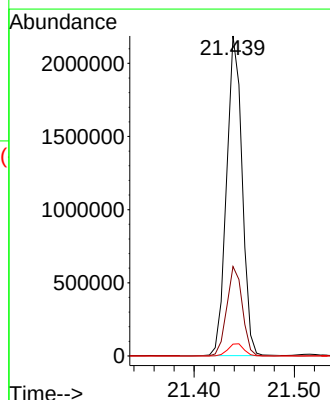
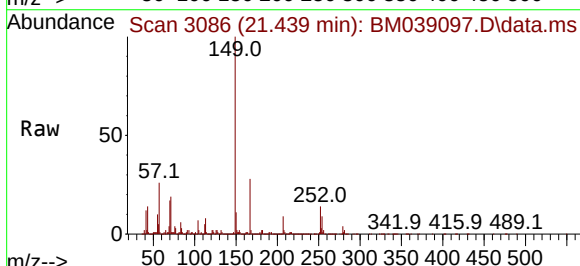
Tgt Ion:149 Resp: 2352068

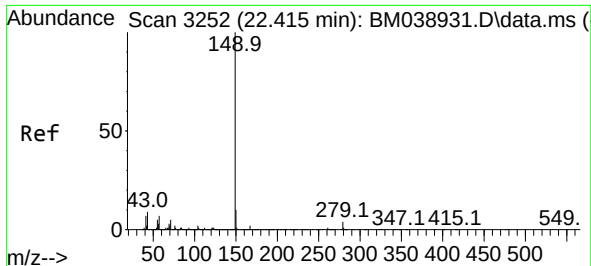
Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

279 3.7 3.2 4.8

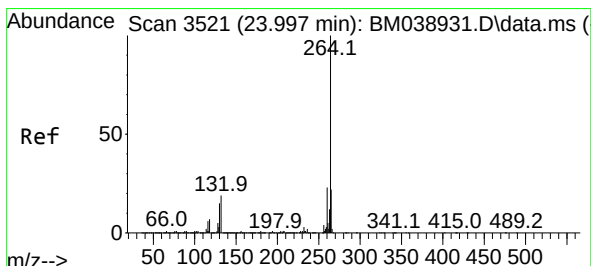
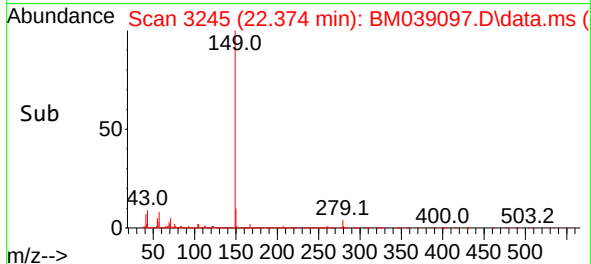
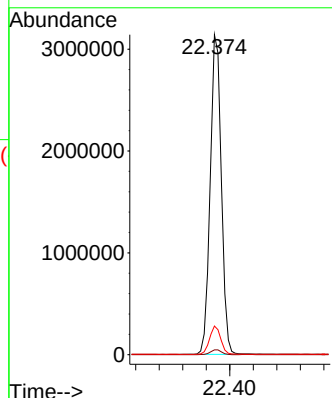
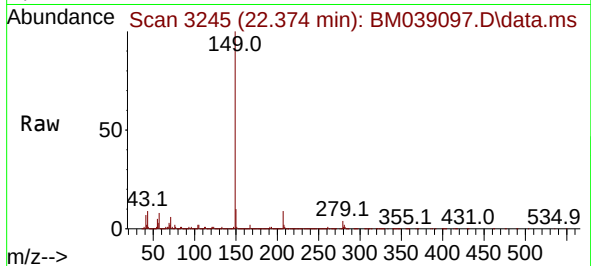




#85
Di-n-octyl phthalate
Concen: 55.862 ng
RT: 22.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

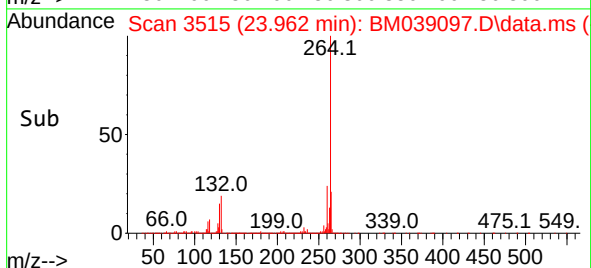
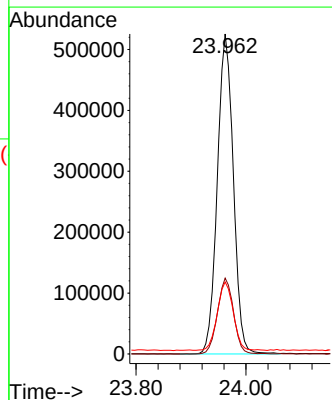
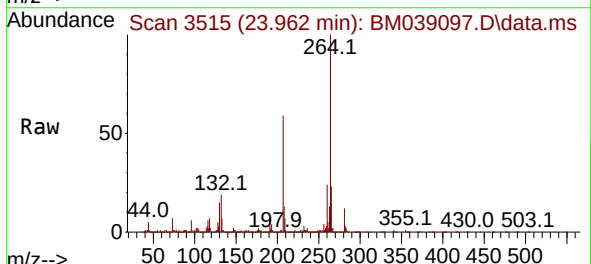
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

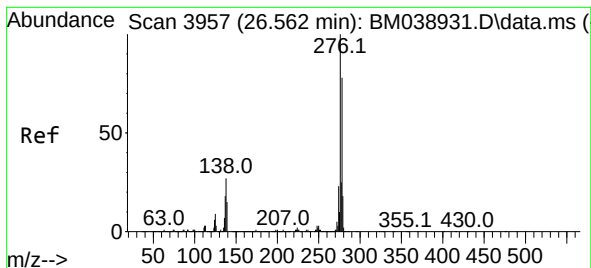
Tgt Ion:149 Resp: 4107729
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.9 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 3515
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:264 Resp: 1063042
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.5 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.306 ng

RT: 26.497 min Scan# 3946

Delta R.T. 0.000 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

Instrument :

BNA_M

ClientSampleId :

031023-3MSD

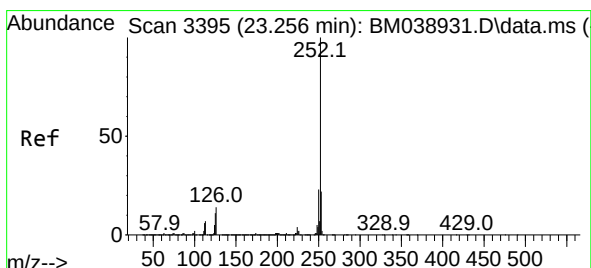
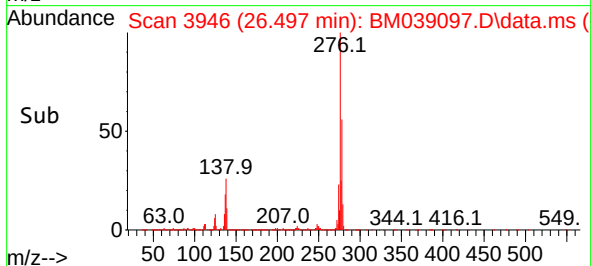
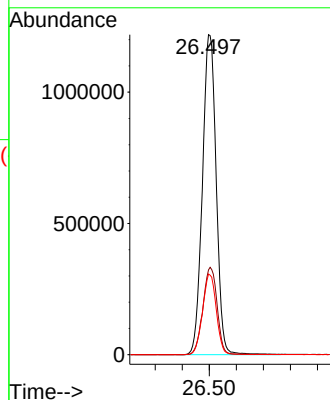
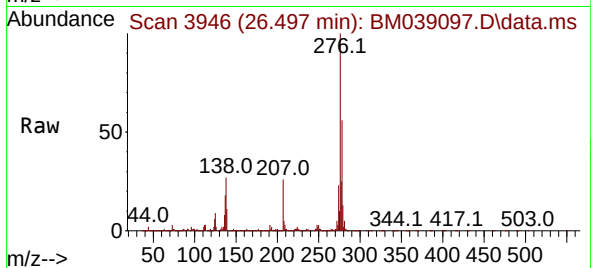
Tgt Ion:276 Resp: 4311934

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: 51.623 ng

RT: 23.221 min Scan# 3389

Delta R.T. 0.000 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

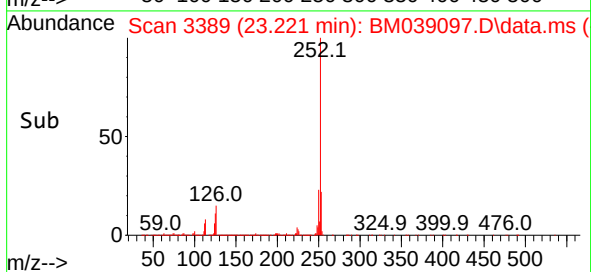
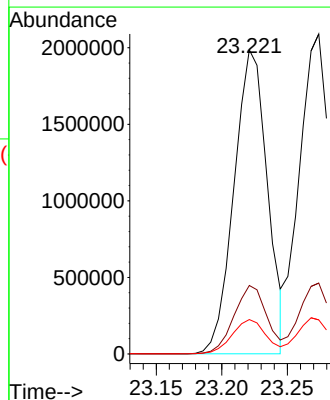
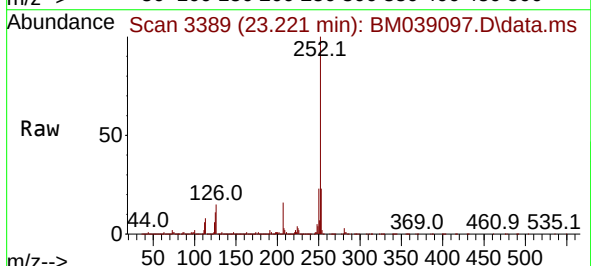
Tgt Ion:252 Resp: 3505923

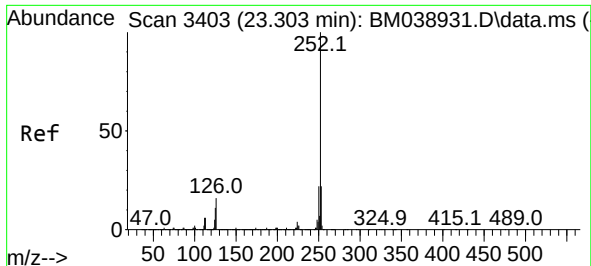
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 11.3 8.8 13.2

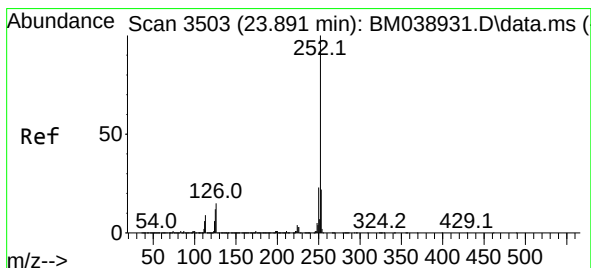
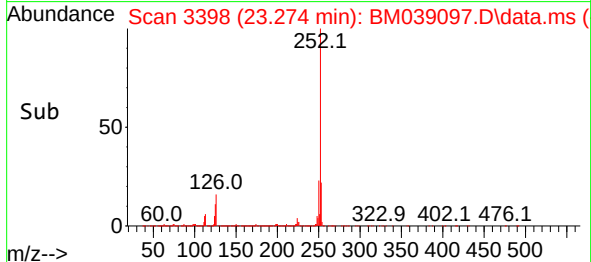
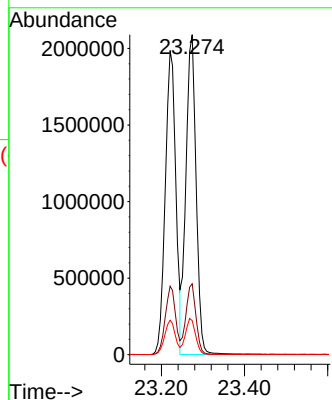
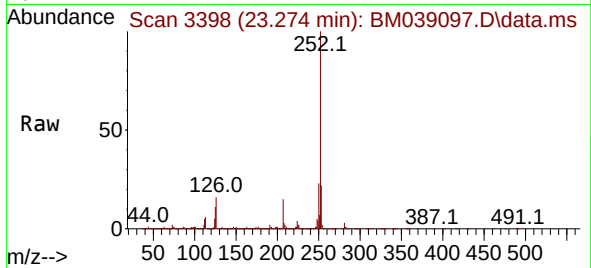




#89
Benzo(k)fluoranthene
Concen: 50.362 ng
RT: 23.274 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

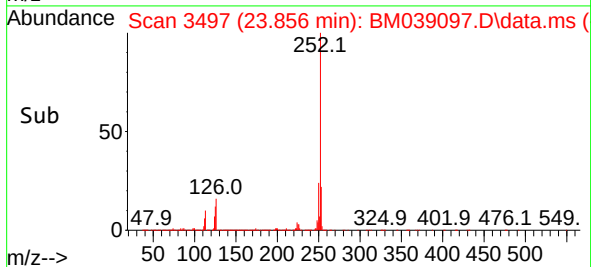
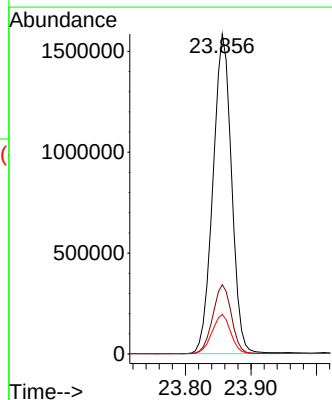
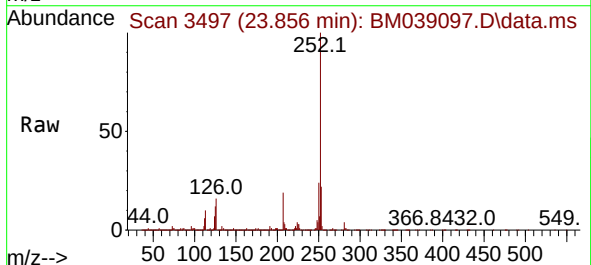
Instrument :
BNA_M
ClientSampleId :
031023-3MSD

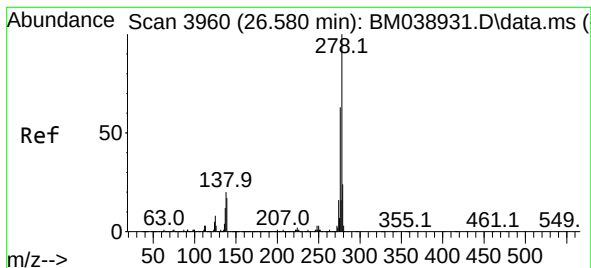
Tgt Ion:252 Resp: 3559531
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.6 8.9 13.3



#90
Benzo(a)pyrene
Concen: 47.725 ng
RT: 23.856 min Scan# 3497
Delta R.T. 0.000 min
Lab File: BM039097.D
Acq: 22 Mar 2023 18:10

Tgt Ion:252 Resp: 3119375
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 12.3 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 53.037 ng

RT: 26.521 min Scan# 3960

Delta R.T. 0.012 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

Instrument :

BNA_M

ClientSampleId :

031023-3MSD

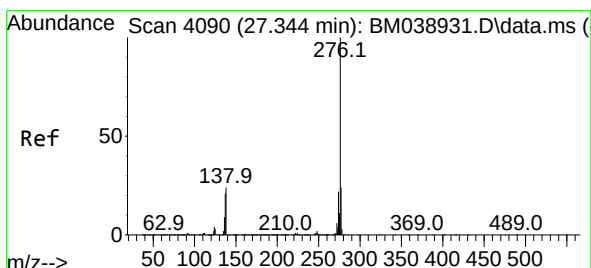
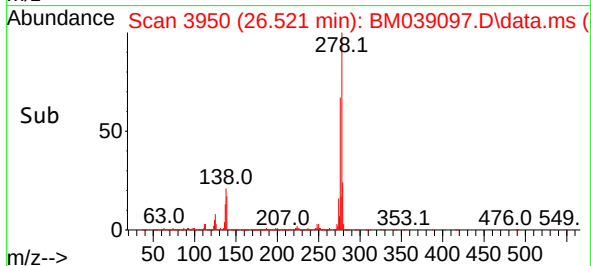
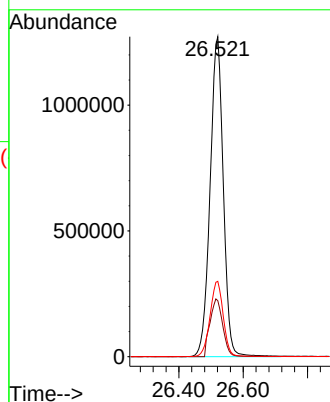
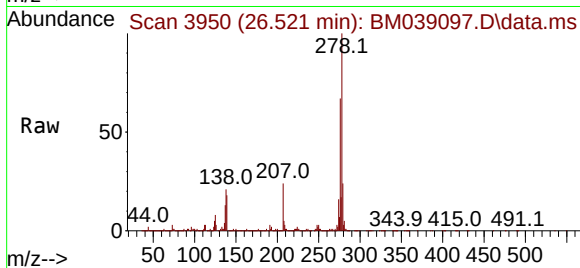
Tgt Ion:278 Resp: 3633247

Ion Ratio Lower Upper

278 100

139 17.5 13.7 20.5

279 23.6 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 52.757 ng

RT: 27.280 min Scan# 4079

Delta R.T. 0.006 min

Lab File: BM039097.D

Acq: 22 Mar 2023 18:10

Tgt Ion:276 Resp: 3535853

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 24.7 19.0 28.6

