

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030823\
 Data File : BM038937.D
 Acq On : 08 Mar 2023 20:16
 Operator : CG/JU
 Sample : PB150937BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150937BS

Quant Time: Mar 09 05:43:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 05:21:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	421204	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1605236	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	854913	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1550964	20.000	ng	0.00
76) Chrysene-d12	21.556	240	1121636	20.000	ng	0.00
86) Perylene-d12	23.997	264	1009021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	3131935	112.969	ng	0.00
7) Phenol-d6	7.157	99	3899794	108.296	ng	0.00
23) Nitrobenzene-d5	9.163	82	2252543	68.929	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1042161	105.375	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	4626159	70.444	ng	0.00
79) Terphenyl-d14	19.992	244	4809213	78.393	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	535268	43.399	ng	100
3) Pyridine	3.816	79	1363521	39.862	ng	99
4) n-Nitrosodimethylamine	3.722	42	621325	44.637	ng	99
6) Aniline	7.322	93	1833696	38.782	ng	100
8) 2-Chlorophenol	7.557	128	1455223	49.304	ng	99
9) Benzaldehyde	7.128	77	630044	36.767	ng	97
10) Phenol	7.181	94	1857491	48.573	ng	100
11) bis(2-Chloroethyl)ether	7.416	93	1443614	46.432	ng	100
12) 1,3-Dichlorobenzene	7.887	146	1539798	49.090	ng	99
13) 1,4-Dichlorobenzene	8.034	146	1571972	49.277	ng	99
14) 1,2-Dichlorobenzene	8.351	146	1506356	49.021	ng	99
15) Benzyl Alcohol	8.239	79	1213754	47.025	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.534	45	1836011	46.758	ng	99
17) 2-Methylphenol	8.439	107	1192177	45.383	ng	99
18) Hexachloroethane	9.086	117	588310	49.984	ng	94
19) n-Nitroso-di-n-propyla...	8.810	70	1066149	47.005	ng	99
20) 3+4-Methylphenols	8.769	107	1554570	44.320	ng	100
22) Acetophenone	8.828	105	2110497	46.861	ng	# 99
24) Nitrobenzene	9.204	77	1584538	46.132	ng	100
25) Isophorone	9.739	82	2800128	46.563	ng	99
26) 2-Nitrophenol	9.916	139	688380	45.551	ng	98
27) 2,4-Dimethylphenol	9.981	122	1316695	50.250	ng	99
28) bis(2-Chloroethoxy)met...	10.222	93	1832517	47.426	ng	99
29) 2,4-Dichlorophenol	10.451	162	1235969	49.752	ng	99
30) 1,2,4-Trichlorobenzene	10.675	180	1321004	48.661	ng	99
31) Naphthalene	10.863	128	4268689	46.635	ng	100
32) Benzoic acid	10.122	122	784159	41.649	ng	99
33) 4-Chloroaniline	10.969	127	604224	15.489	ng	99
34) Hexachlorobutadiene	11.151	225	754958	48.495	ng	99
35) Caprolactam	11.757	113	329275	43.549	ng	95
36) 4-Chloro-3-methylphenol	12.086	107	1235499	46.705	ng	99
37) 2-Methylnaphthalene	12.463	142	2821480	45.990	ng	99
38) 1-Methylnaphthalene	12.686	142	2589944	45.048	ng	99
40) 1,2,4,5-Tetrachloroben...	12.833	216	1380150	49.659	ng	99
41) Hexachlorocyclopentadiene	12.816	237	1996522	130.871	ng	98
43) 2,4,6-Trichlorophenol	13.069	196	880460	48.922	ng	98

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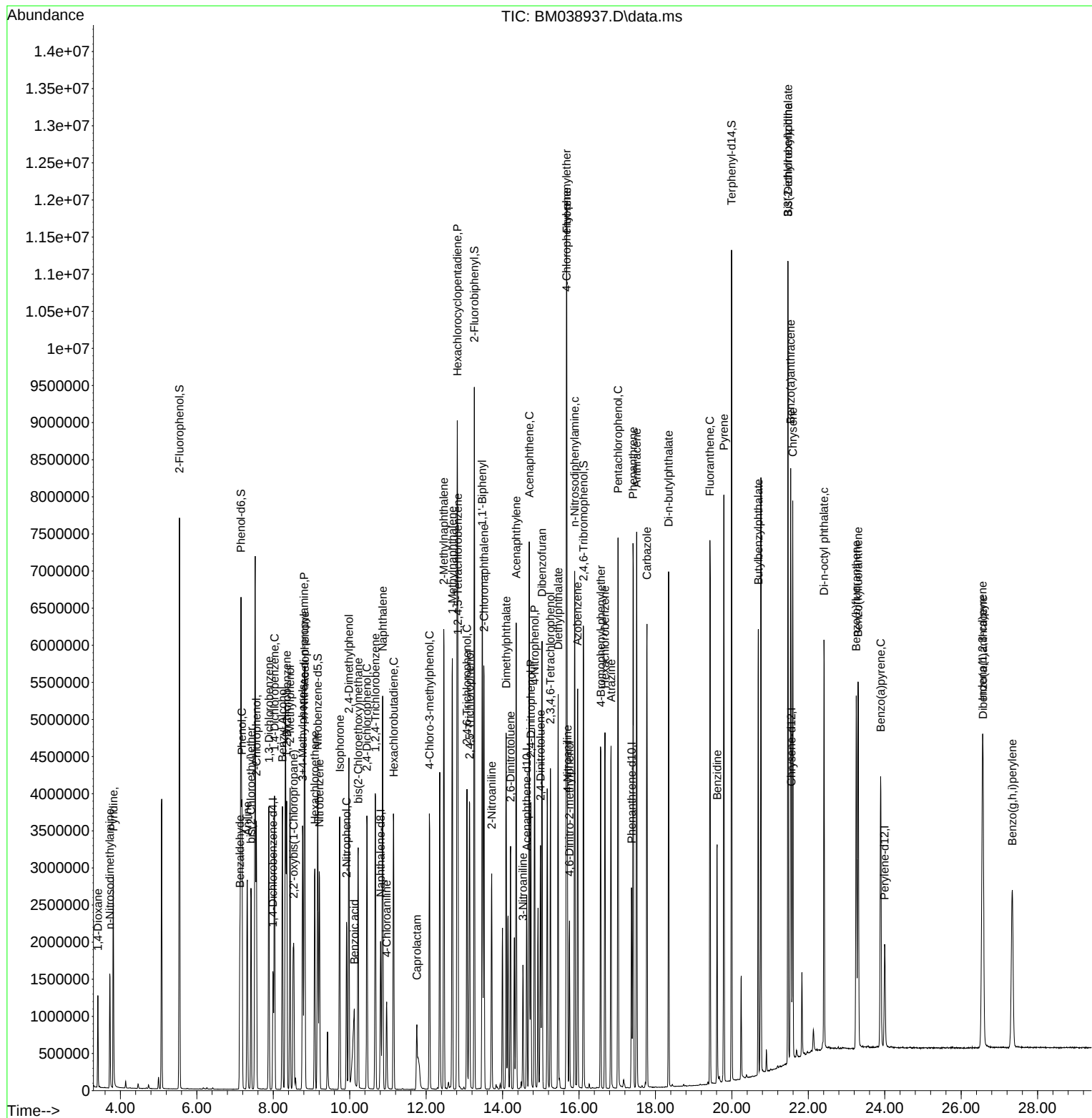
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	946014	44.907	ng	97
46) 1,1'-Biphenyl	13.469	154	3502664	48.362	ng	99
47) 2-Chloronaphthalene	13.516	162	2666718	48.828	ng	98
48) 2-Nitroaniline	13.716	65	748618	43.052	ng	96
49) Acenaphthylene	14.357	152	4157978	47.797	ng	100
50) Dimethylphthalate	14.092	163	2971459	45.169	ng	100
51) 2,6-Dinitrotoluene	14.210	165	633845	43.700	ng	97
52) Acenaphthene	14.698	154	2479966	46.387	ng	100
53) 3-Nitroaniline	14.533	138	381594	23.283	ng	100
54) 2,4-Dinitrophenol	14.739	184	704571	83.981	ng	94
55) Dibenzofuran	15.033	168	3804400	45.474	ng	100
56) 4-Nitrophenol	14.839	139	1175750	89.992	ng	99
57) 2,4-Dinitrotoluene	14.992	165	840454	44.074	ng	100
58) Fluorene	15.680	166	3042970	46.433	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.251	232	769190	47.345	ng	99
60) Diethylphthalate	15.457	149	2921605	45.643	ng	99
61) 4-Chlorophenyl-phenyle...	15.674	204	1493405	46.386	ng	99
62) 4-Nitroaniline	15.698	138	667368	38.896	ng	100
63) Azobenzene	15.962	77	3168233	46.778	ng	99
65) 4,6-Dinitro-2-methylph...	15.751	198	415850	41.563	ng	99
66) n-Nitrosodiphenylamine	15.886	169	2501014	47.833	ng	100
67) 4-Bromophenyl-phenylether	16.568	248	807696	48.214	ng	99
68) Hexachlorobenzene	16.680	284	946629	50.548	ng	99
69) Atrazine	16.839	200	769536	53.883	ng	99
70) Pentachlorophenol	17.021	266	1172504	85.125	ng	100
71) Phenanthrene	17.415	178	4207795	46.226	ng	100
72) Anthracene	17.509	178	4277328	47.119	ng	100
73) Carbazole	17.780	167	3792600	45.778	ng	100
74) Di-n-butylphthalate	18.345	149	4506159	44.721	ng	100
75) Fluoranthene	19.427	202	4150441	43.184	ng	99
77) Benzidine	19.615	184	1667579	63.474	ng	99
78) Pyrene	19.792	202	4428422	52.567	ng	100
80) Butylbenzylphthalate	20.692	149	1684160	47.084	ng	100
81) Benzo(a)anthracene	21.539	228	3790823	46.931	ng	100
82) 3,3'-Dichlorobenzidine	21.468	252	791658	31.890	ng	99
83) Chrysene	21.592	228	3572139	45.470	ng	100
84) Bis(2-ethylhexyl)phtha...	21.468	149	2399976	46.425	ng	100
85) Di-n-octyl phthalate	22.409	149	3807080	44.588	ng	100
87) Indeno(1,2,3-cd)pyrene	26.556	276	3471203	45.210	ng	100
88) Benzo(b)fluoranthene	23.256	252	3347267	51.925	ng	100
89) Benzo(k)fluoranthene	23.303	252	3356906	50.038	ng	99
90) Benzo(a)pyrene	23.891	252	2843974	45.841	ng	100
91) Dibenzo(a,h)anthracene	26.574	278	2942997	45.261	ng	99
92) Benzo(g,h,i)perylene	27.338	276	2788565	43.835	ng	100

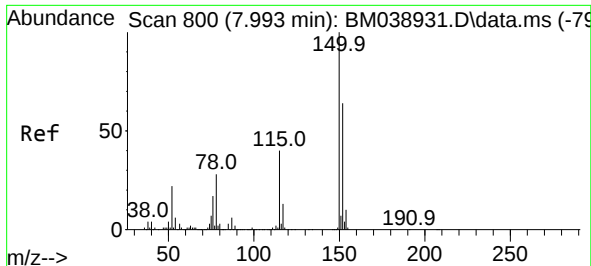
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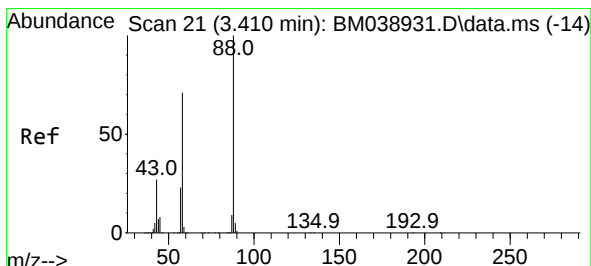
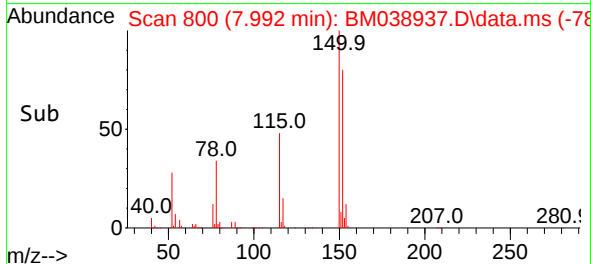
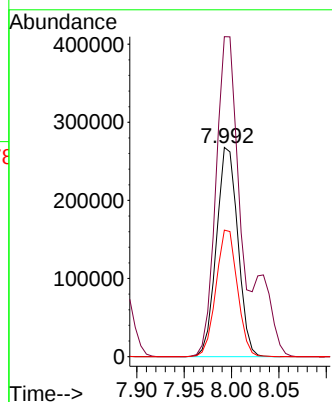
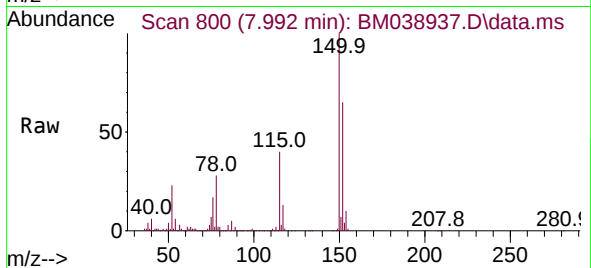




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.992 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: BM038937.D
 Acq: 08 Mar 2023 20:16

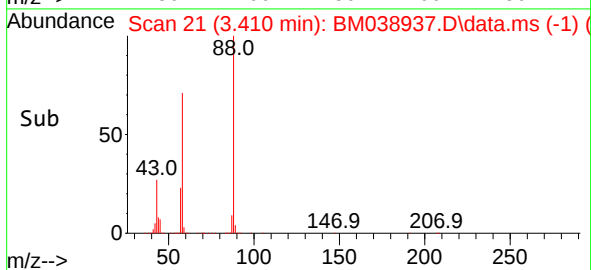
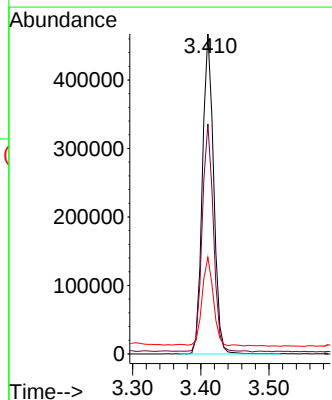
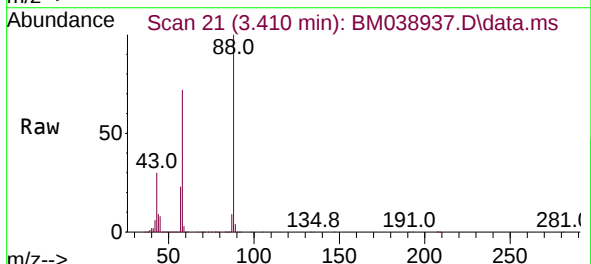
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 BNA_M
 ClientSampleId :
 PB150937BS

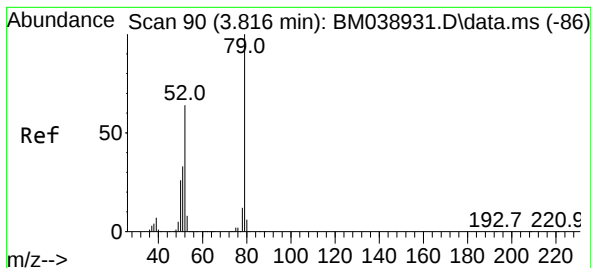
Tgt Ion:152 Resp: 421204
 Ion Ratio Lower Upper
 152 100
 150 153.0 125.1 187.7
 115 60.5 49.6 74.4



#2
 1,4-Dioxane
 Concen: 43.399 ng
 RT: 3.410 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM038937.D
 Acq: 08 Mar 2023 20:16

Tgt Ion: 88 Resp: 535268
 Ion Ratio Lower Upper
 88 100
 58 71.4 57.2 85.8
 43 27.9 22.0 33.0





#3

Pyridine

Concen: 39.862 ng

RT: 3.816 min Scan# 90

Delta R.T. -0.000 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

Instrument :

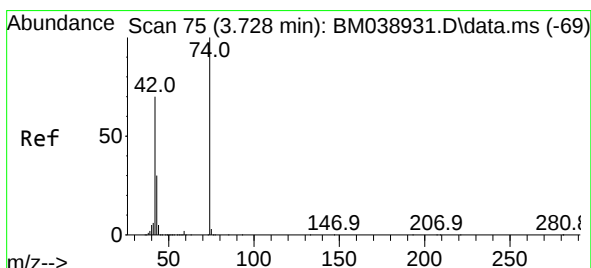
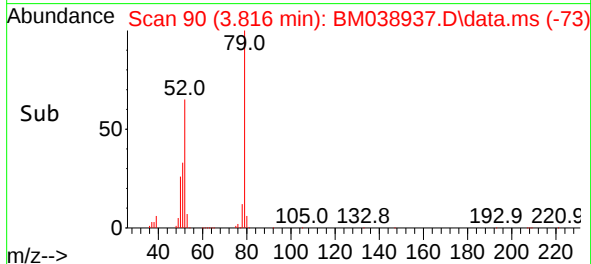
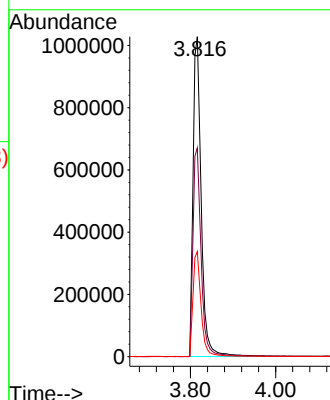
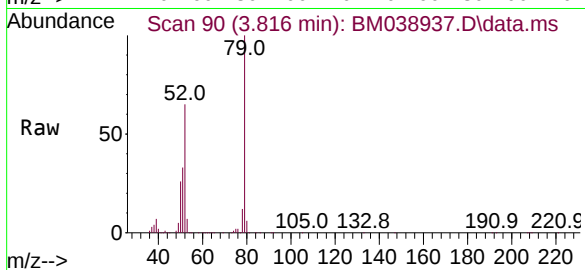
BNA_M

ClientSampleId :

PB150937BS

Tgt Ion: 79 Resp: 1363521

Ion	Ratio	Lower	Upper
79	100		
52	65.2	51.4	77.2
51	32.8	26.6	40.0



#4

n-Nitrosodimethylamine

Concen: 44.637 ng

RT: 3.722 min Scan# 74

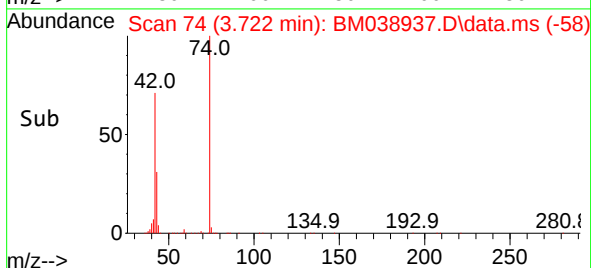
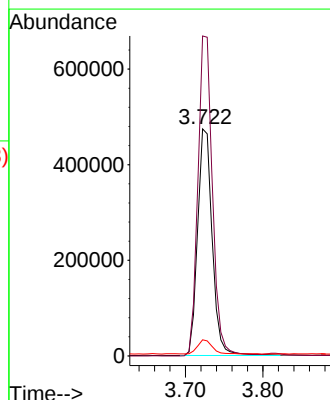
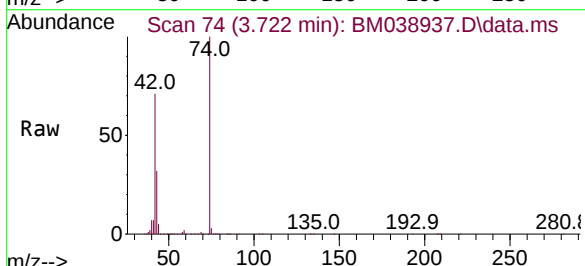
Delta R.T. -0.006 min

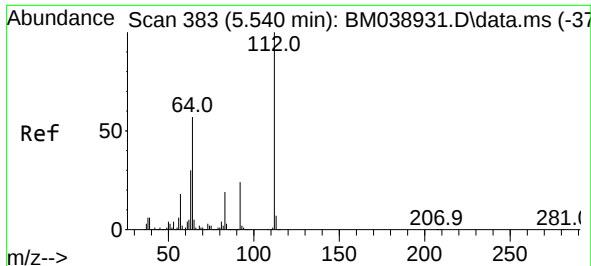
Lab File: BM038937.D

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Tgt Ion: 42 Resp: 621325

Ion	Ratio	Lower	Upper
42	100		
74	141.0	113.8	170.8
44	7.1	6.2	9.2

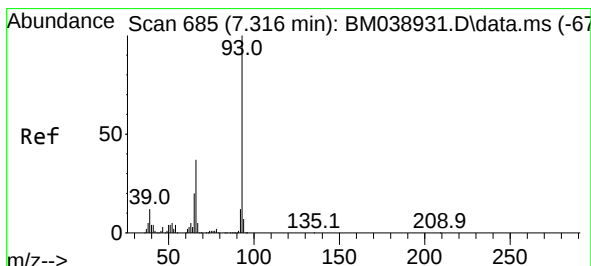
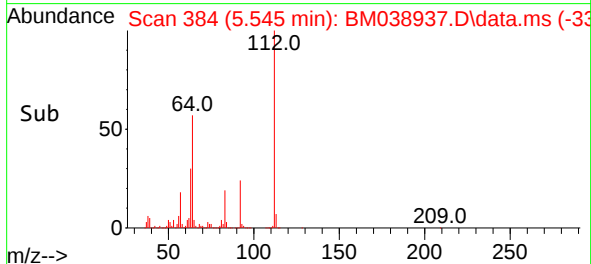
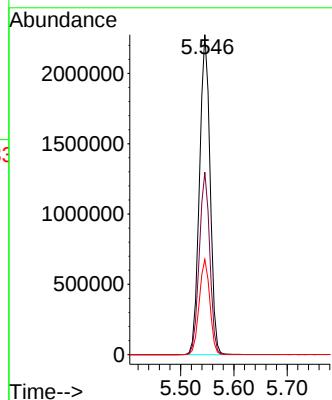
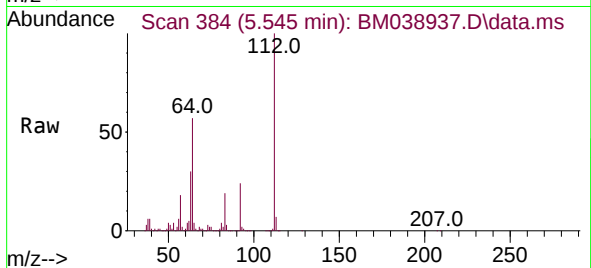




#5
2-Fluorophenol
Concen: 112.969 ng
RT: 5.545 min Scan# 383
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

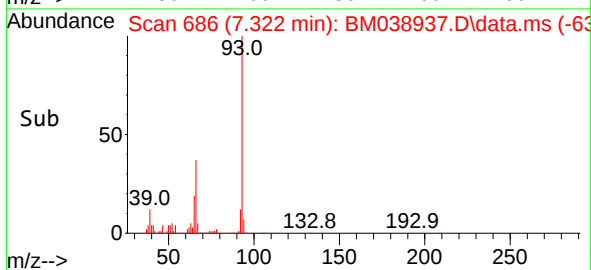
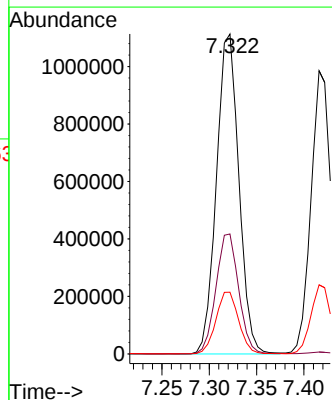
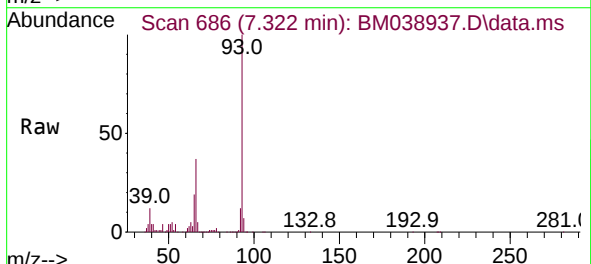
Instrument :
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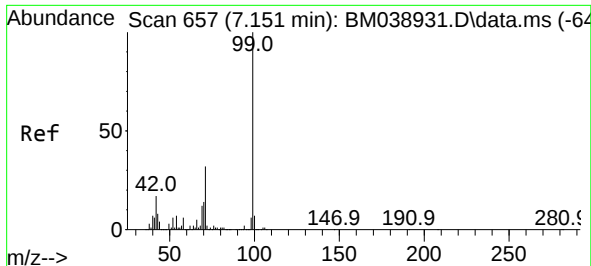
Tgt Ion:112 Resp: 3131935
Ion Ratio Lower Upper
112 100
64 57.0 45.9 68.9
63 29.7 23.8 35.8



#6
Aniline
Concen: 38.782 ng
RT: 7.322 min Scan# 686
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion: 93 Resp: 1833696
Ion Ratio Lower Upper
93 100
66 37.5 30.0 45.0
65 19.3 15.8 23.6

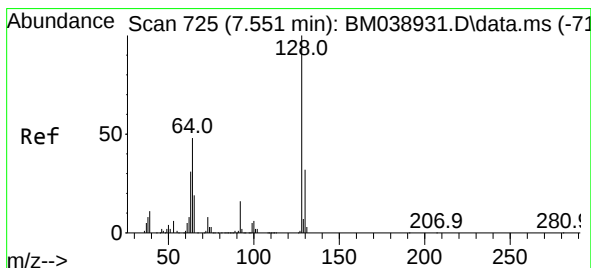
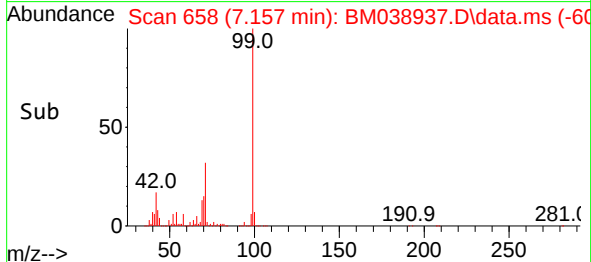
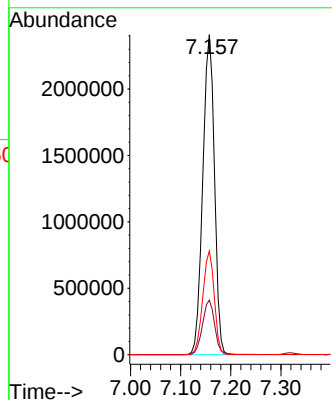
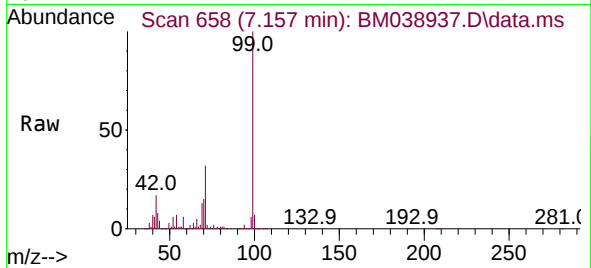




#7
Phenol-d6
Concen: 108.296 ng
RT: 7.157 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

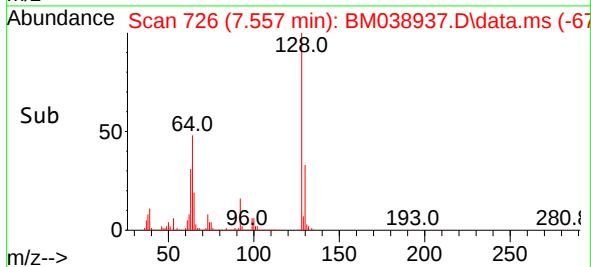
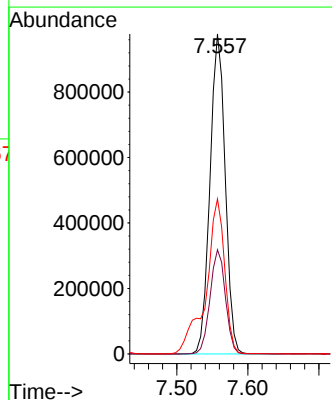
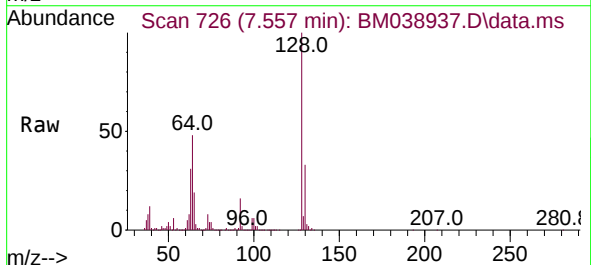
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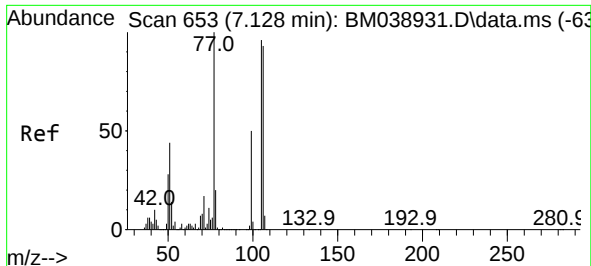
Tgt Ion: 99 Resp: 3899794
Ion Ratio Lower Upper
99 100
42 17.0 13.5 20.3
71 32.4 25.6 38.4



#8
2-Chlorophenol
Concen: 49.304 ng
RT: 7.557 min Scan# 726
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:128 Resp: 1455223
Ion Ratio Lower Upper
128 100
130 32.5 11.9 51.9
64 48.4 28.6 68.6

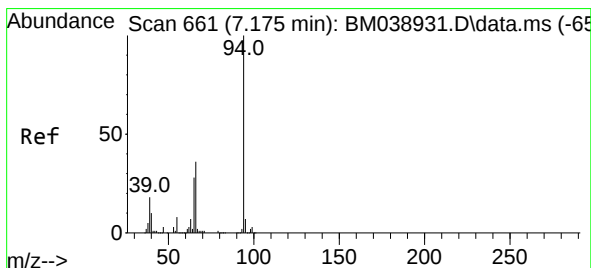
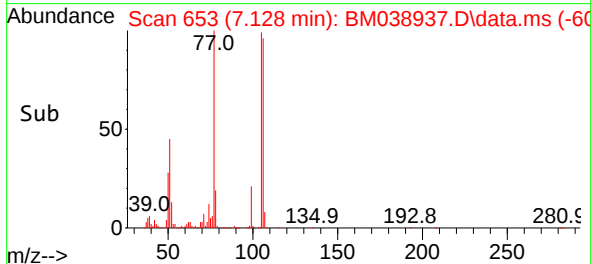
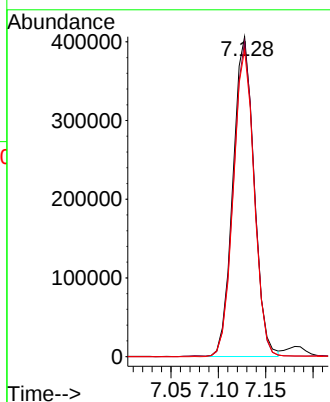
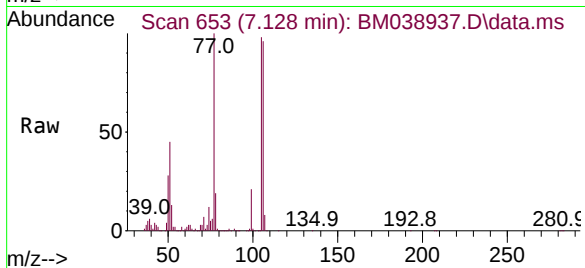




#9
Benzaldehyde
Concen: 36.767 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

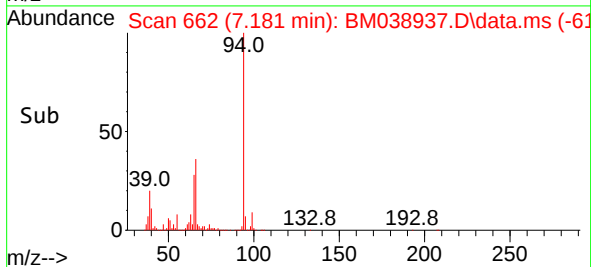
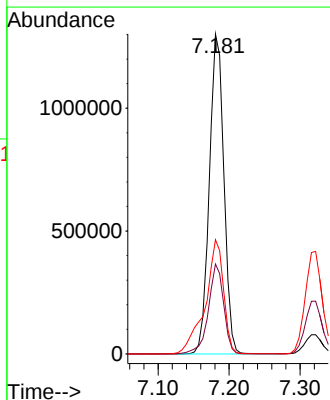
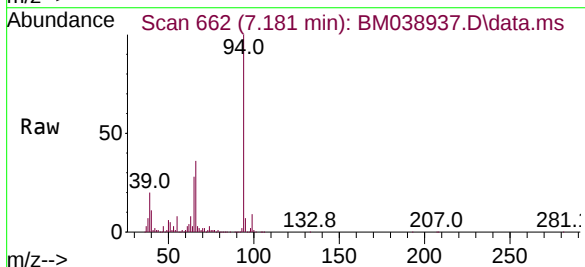
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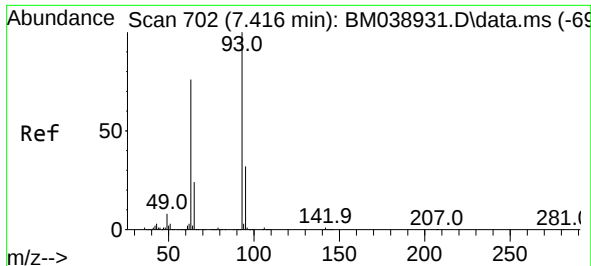
Tgt Ion: 77 Resp: 630044
Ion Ratio Lower Upper
77 100
105 98.5 75.8 115.8
106 95.8 72.6 112.6



#10
Phenol
Concen: 48.573 ng
RT: 7.181 min Scan# 662
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion: 94 Resp: 1857491
Ion Ratio Lower Upper
94 100
65 28.1 7.9 47.9
66 35.7 15.8 55.8



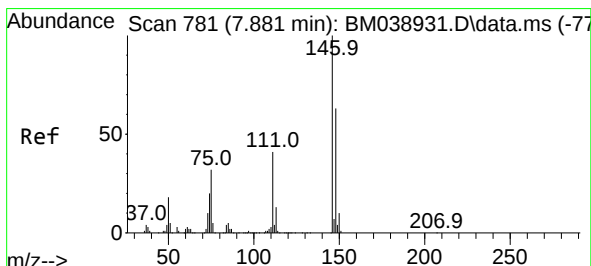
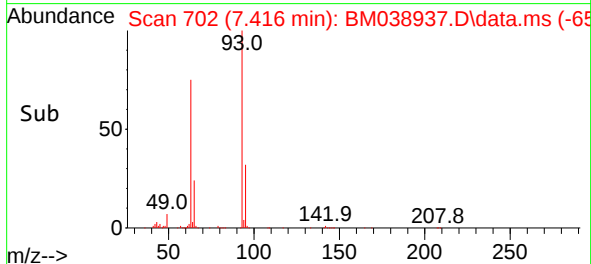
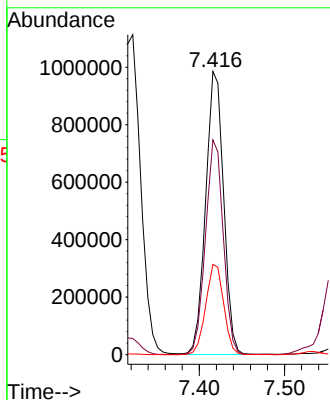
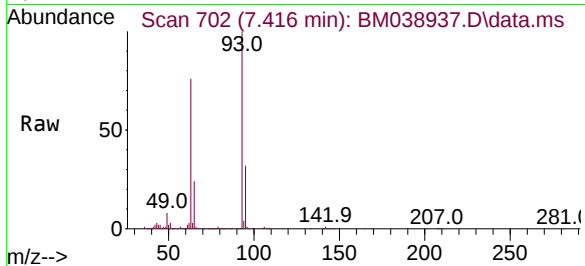


#11
bis(2-Chloroethyl)ether
Concen: 46.432 ng
RT: 7.416 min Scan# 702
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Instrument :
BNA_M
ClientSampleId :
PB150937BS

Tgt Ion: 93 Resp: 1443614

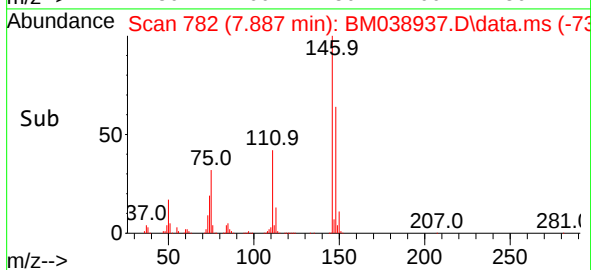
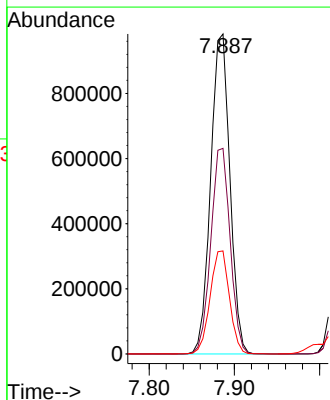
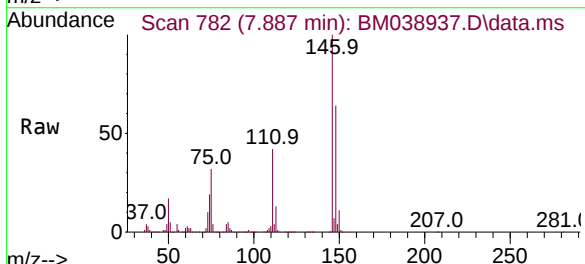
Ion	Ratio	Lower	Upper
93	100		
63	75.8	55.8	95.8
95	31.9	12.2	52.2

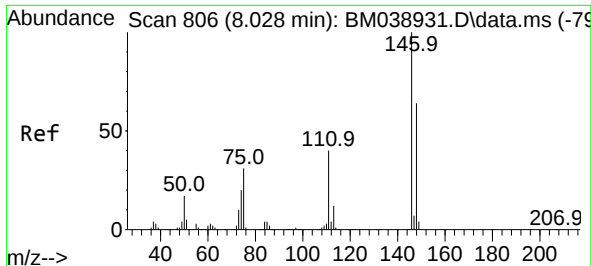


#12
1,3-Dichlorobenzene
Concen: 49.090 ng
RT: 7.887 min Scan# 782
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion: 146 Resp: 1539798

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
75	32.2	26.0	39.0

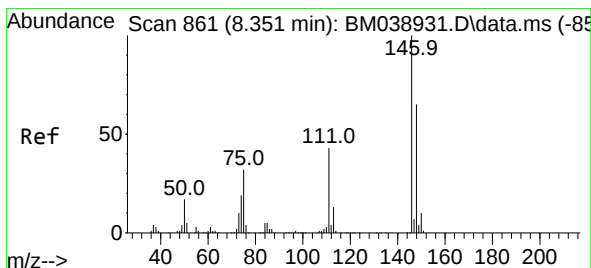
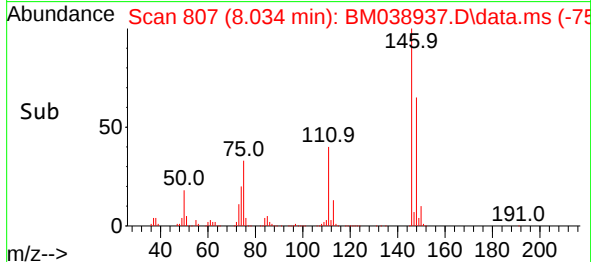
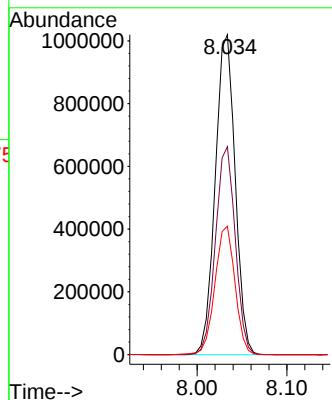
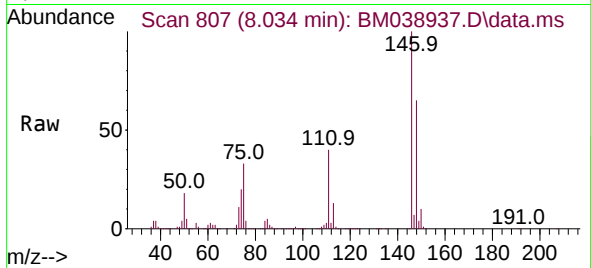




#13
1,4-Dichlorobenzene
Concen: 49.277 ng
RT: 8.034 min Scan# 806
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

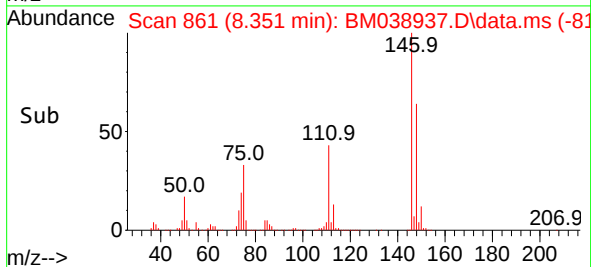
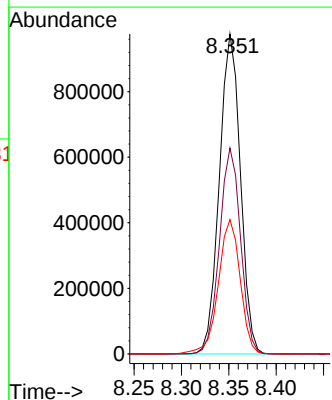
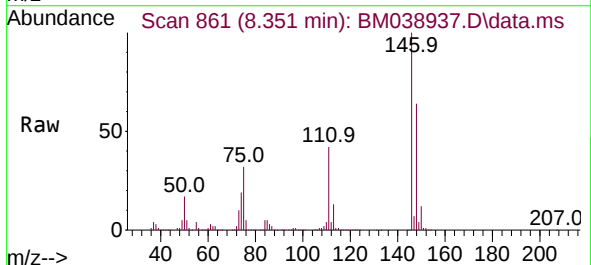
Instrument :
BNA_M
ClientSampleId :
PB150937BS

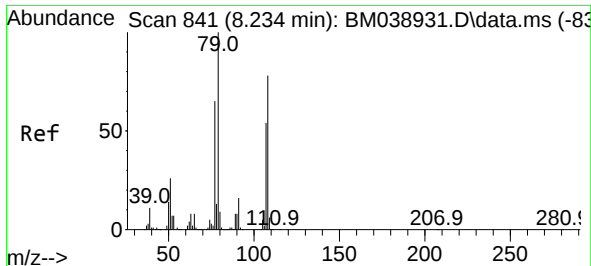
Tgt Ion:146 Resp: 1571972
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.4
111 40.1 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 49.021 ng
RT: 8.351 min Scan# 861
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:146 Resp: 1506356
Ion Ratio Lower Upper
146 100
148 64.3 51.7 77.5
111 42.0 34.2 51.4

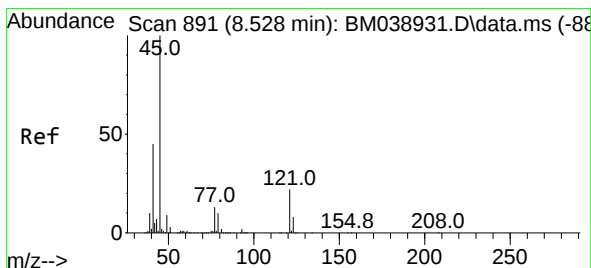
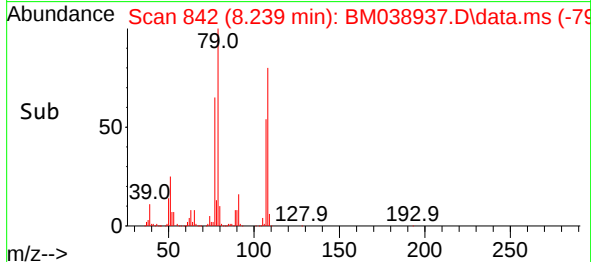
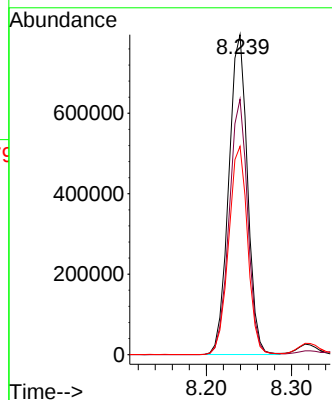
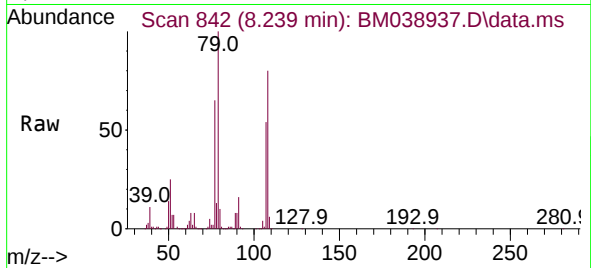




#15
Benzyl Alcohol
Concen: 47.025 ng
RT: 8.239 min Scan# 841
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

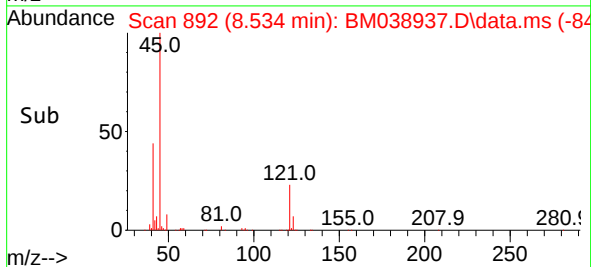
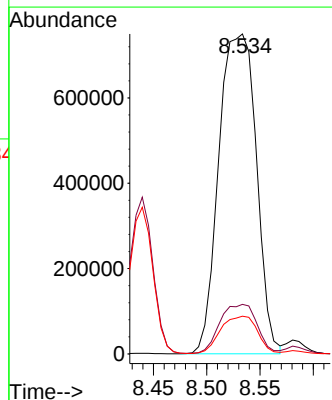
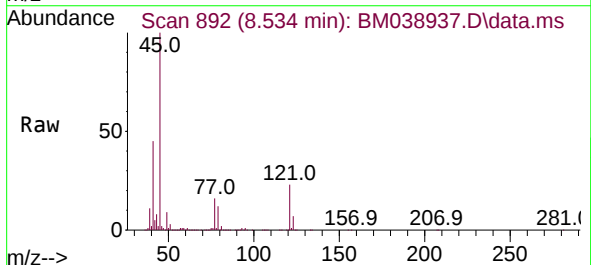
Instrument :
BNA_M
ClientSampleId :
PB150937BS

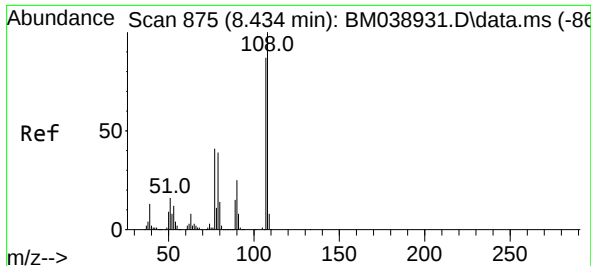
Tgt Ion: 79 Resp: 1213754
Ion Ratio Lower Upper
79 100
108 79.9 62.4 93.6
77 65.1 52.2 78.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.758 ng
RT: 8.534 min Scan# 892
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion: 45 Resp: 1836011
Ion Ratio Lower Upper
45 100
77 15.5 0.0 34.8
79 11.8 0.0 31.5

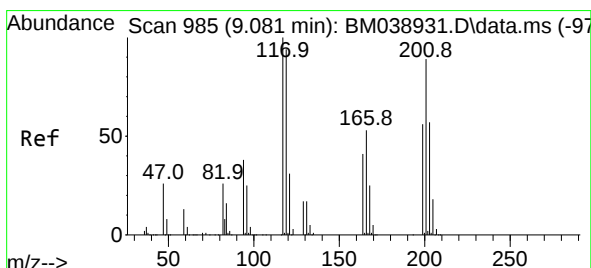
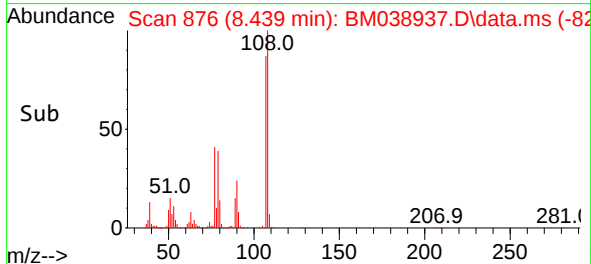
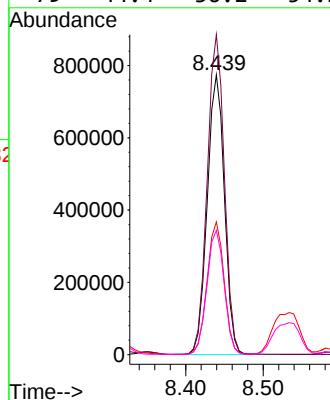
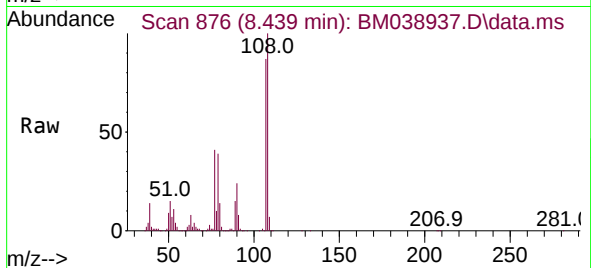




#17
2-Methylphenol
Concen: 45.383 ng
RT: 8.439 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

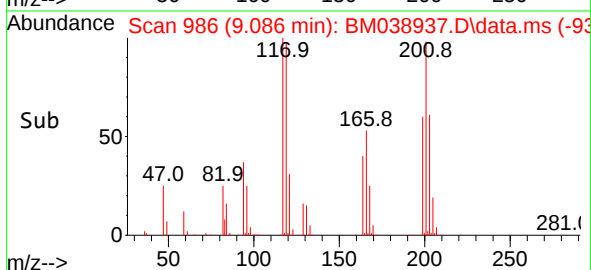
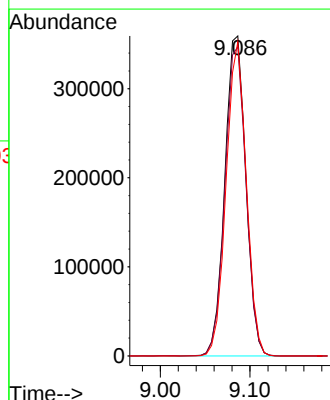
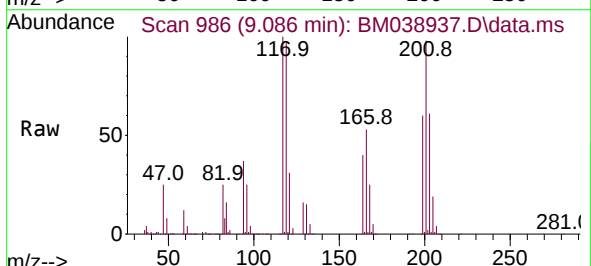
Instrument :
BNA_M
ClientSampleId :
PB150937BS

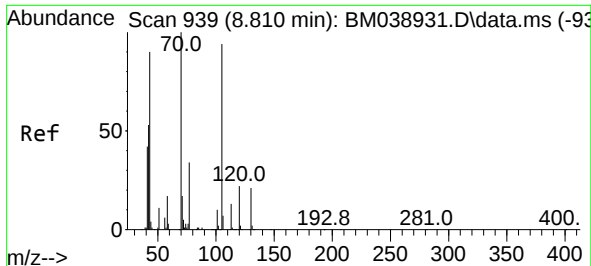
Tgt Ion:107 Resp: 1192177
Ion Ratio Lower Upper
107 100
108 114.4 91.7 137.5
77 47.5 37.4 56.2
79 44.4 36.2 54.2



#18
Hexachloroethane
Concen: 49.984 ng
RT: 9.086 min Scan# 986
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:117 Resp: 588310
Ion Ratio Lower Upper
117 100
119 96.6 75.4 113.0
201 98.1 71.3 106.9



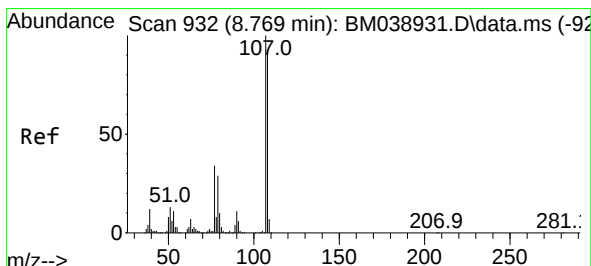
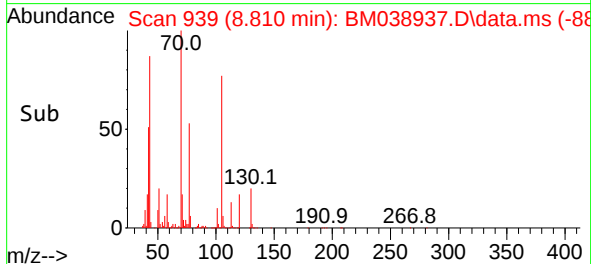
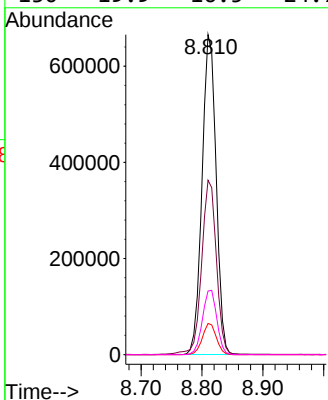
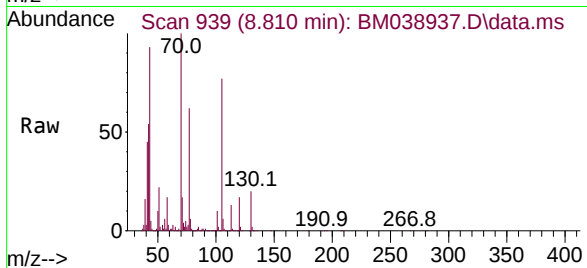


#19
n-Nitroso-di-n-propylamine
Concen: 47.005 ng
RT: 8.810 min Scan# 939
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Instrument :
BNA_M
ClientSampleId :
PB150937BS

Tgt Ion: 70 Resp: 1066149

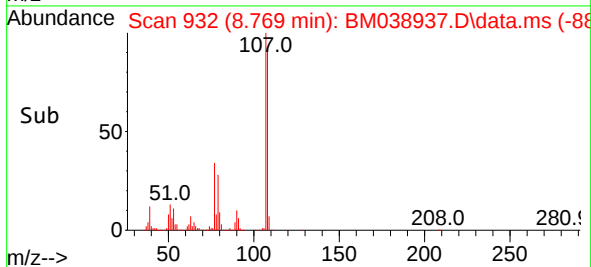
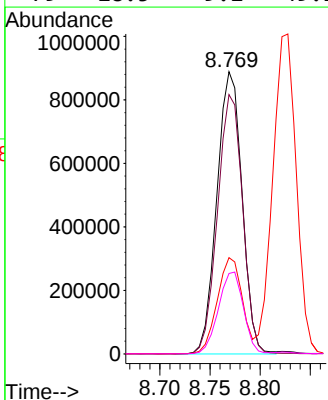
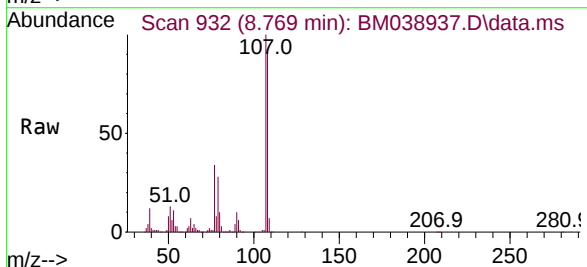
Ion	Ratio	Lower	Upper
70	100		
42	54.5	43.4	65.2
101	9.7	7.6	11.4
130	19.9	16.5	24.7

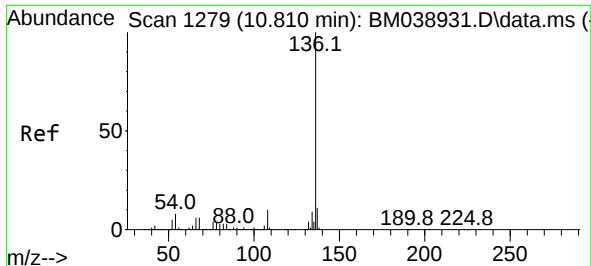


#20
3+4-Methylphenols
Concen: 44.320 ng
RT: 8.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion: 107 Resp: 1554570

Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.8	111.8
77	34.1	13.6	53.6
79	28.5	9.2	49.2

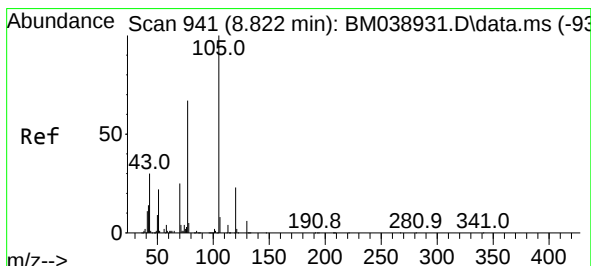
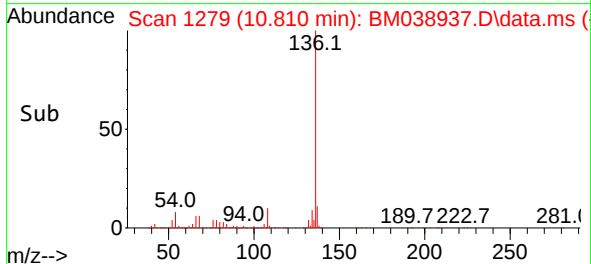
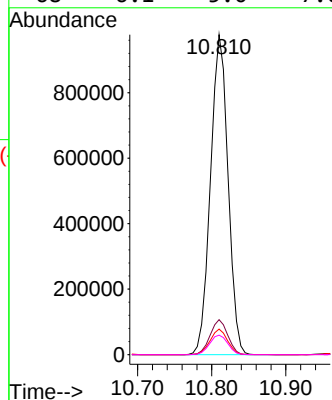
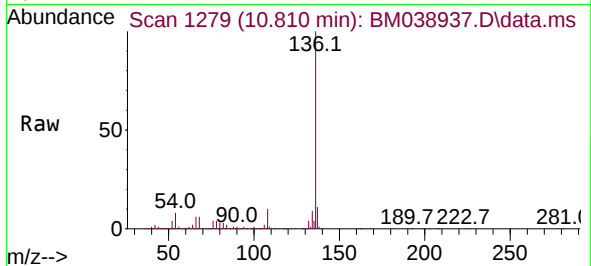




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

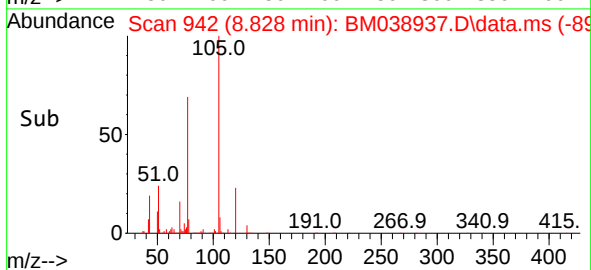
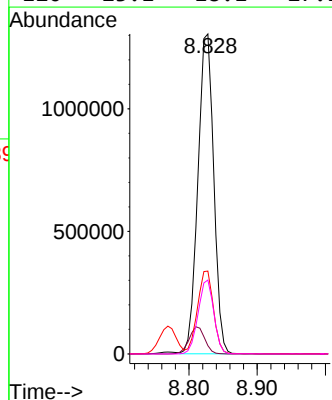
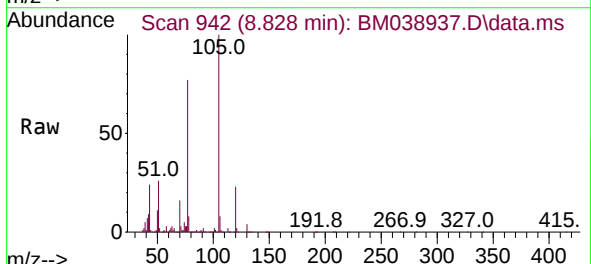
Instrument :
BNA_M
ClientSampleId :
PB150937BS

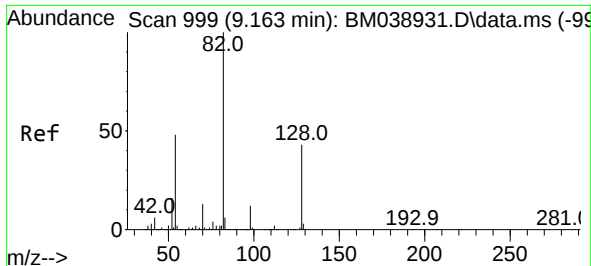
Tgt Ion:136 Resp: 1605236
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.0 6.3 9.5
68 6.1 5.0 7.6



#22
Acetophenone
Concen: 46.861 ng
RT: 8.828 min Scan# 942
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:105 Resp: 2110497
Ion Ratio Lower Upper
105 100
71 2.6 3.4 5.0#
51 25.9 21.0 31.4
120 23.1 18.1 27.1

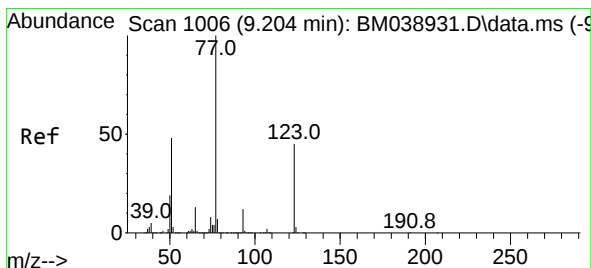
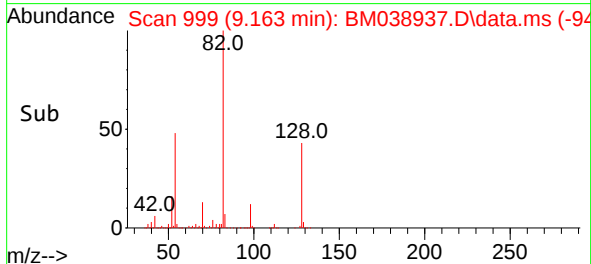
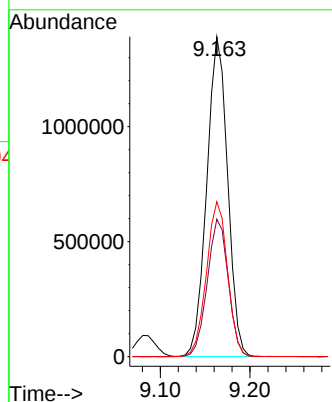
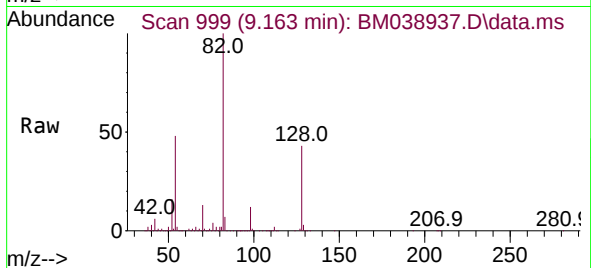




#23
Nitrobenzene-d5
Concen: 68.929 ng
RT: 9.163 min Scan# 999
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

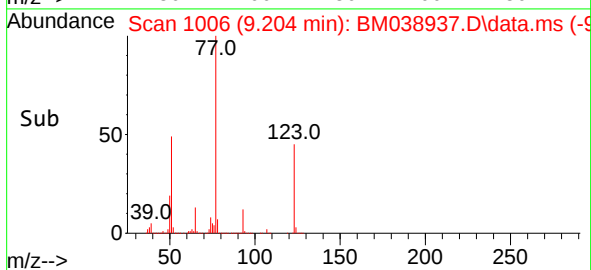
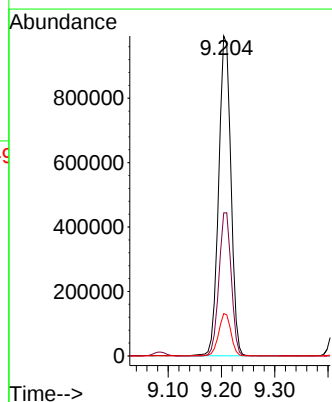
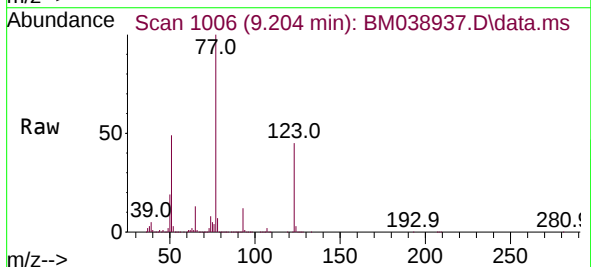
Instrument :
BNA_M
ClientSampleId :
PB150937BS

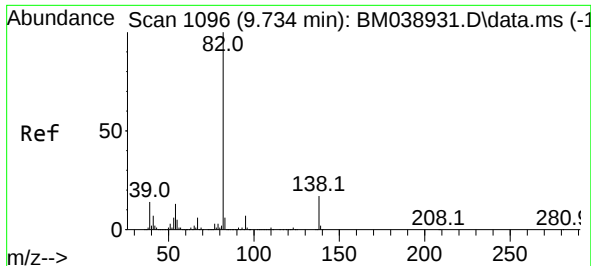
Tgt Ion: 82 Resp: 2252543
Ion Ratio Lower Upper
82 100
128 42.9 34.4 51.6
54 48.4 38.8 58.2



#24
Nitrobenzene
Concen: 46.132 ng
RT: 9.204 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion: 77 Resp: 1584538
Ion Ratio Lower Upper
77 100
123 44.7 35.8 53.6
65 13.2 10.2 15.4

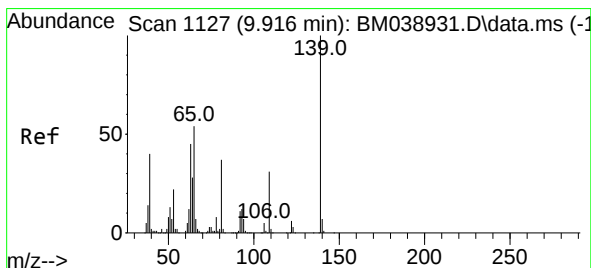
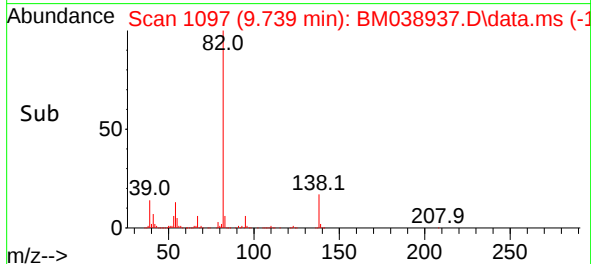
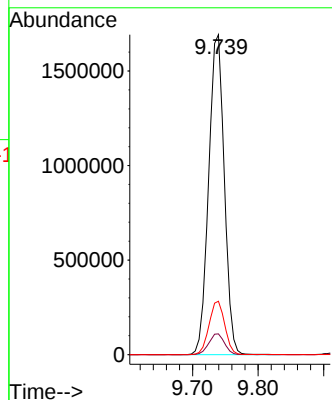
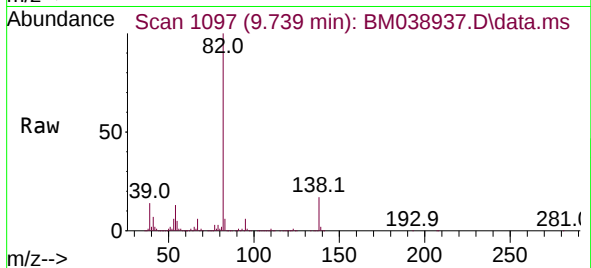




#25
Isophorone
Concen: 46.563 ng
RT: 9.739 min Scan# 1096
Delta R.T. 0.005 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

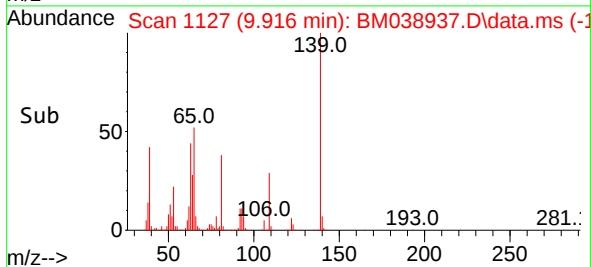
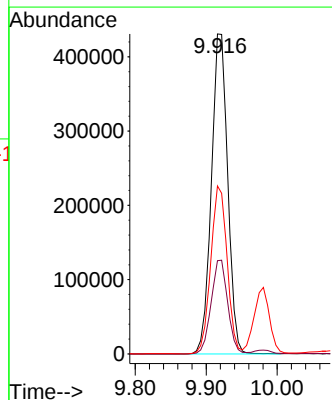
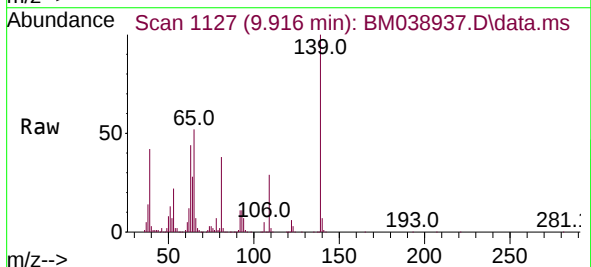
Instrument :
BNA_M
ClientSampleId :
PB150937BS

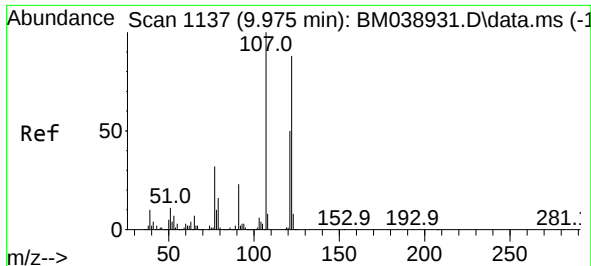
Tgt Ion: 82 Resp: 2800128
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 16.7 13.6 20.4



#26
2-Nitrophenol
Concen: 45.551 ng
RT: 9.916 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:139 Resp: 688380
Ion Ratio Lower Upper
139 100
109 29.1 24.5 36.7
65 52.5 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 50.250 ng

RT: 9.981 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

Instrument :

BNA_M

ClientSampleId :

PB150937BS

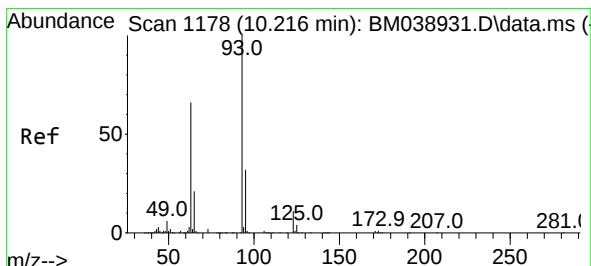
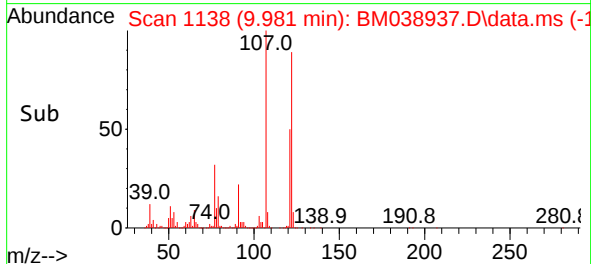
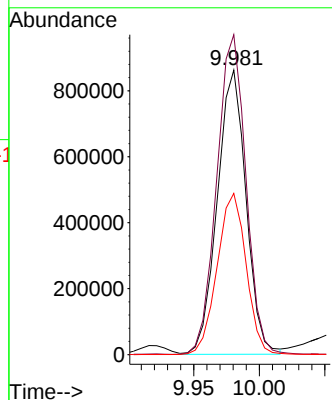
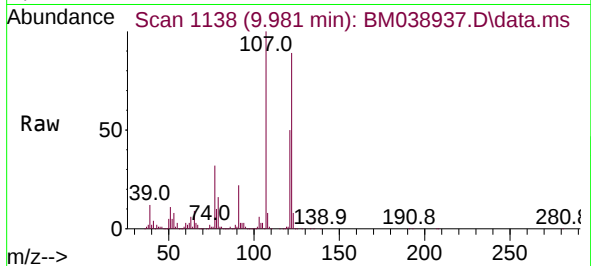
Tgt Ion:122 Resp: 1316695

Ion Ratio Lower Upper

122 100

107 112.5 91.0 136.4

121 56.7 45.1 67.7



#28

bis(2-Chloroethoxy)methane

Concen: 47.426 ng

RT: 10.222 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

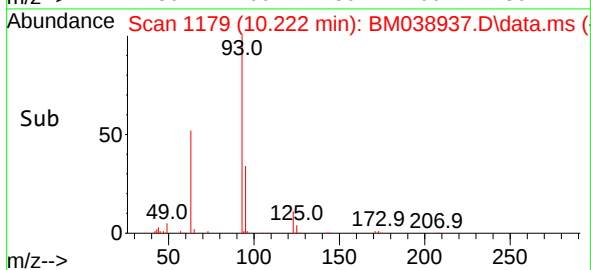
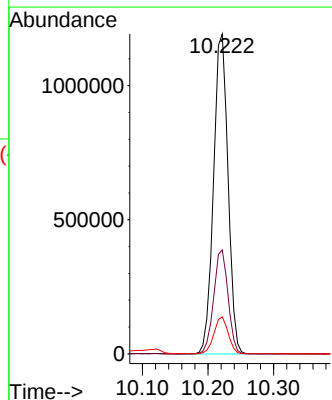
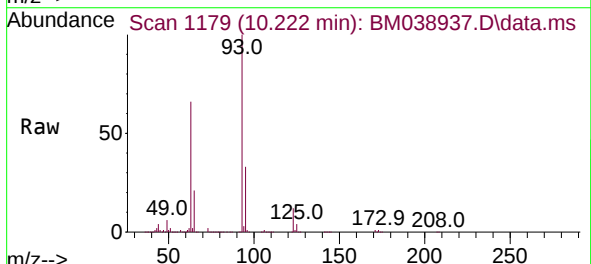
Tgt Ion: 93 Resp: 1832517

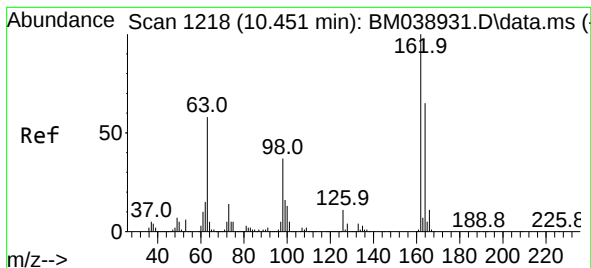
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 11.6 8.8 13.2

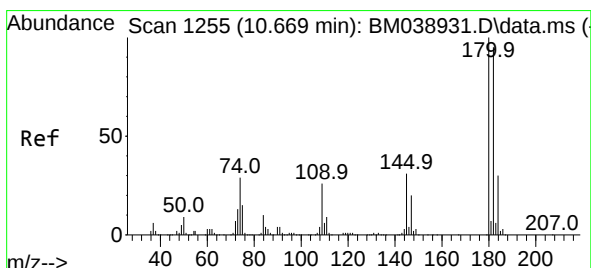
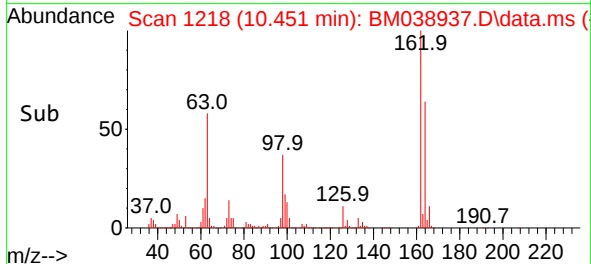
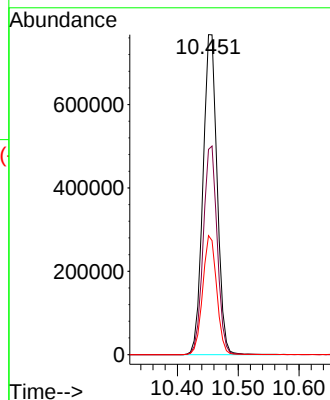
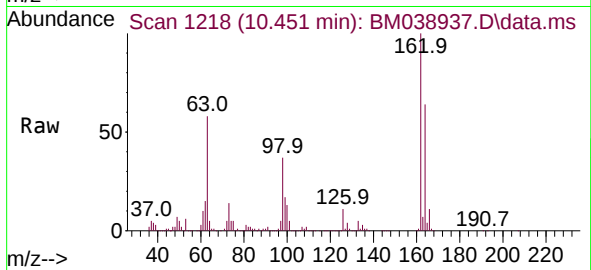




#29
2,4-Dichlorophenol
Concen: 49.752 ng
RT: 10.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

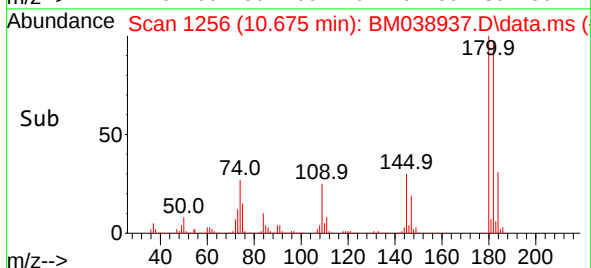
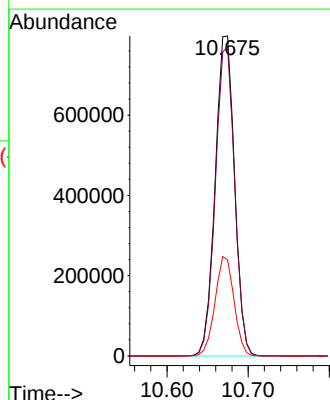
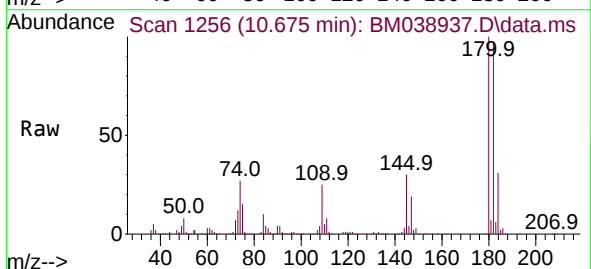
Instrument :
BNA_M
ClientSampleId :
PB150937BS

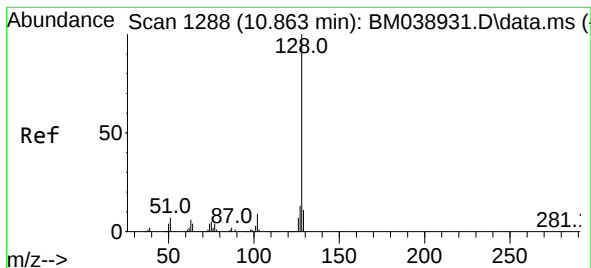
Tgt Ion:162 Resp: 1235969
Ion Ratio Lower Upper
162 100
164 64.1 44.6 84.6
98 37.2 17.5 57.5



#30
1,2,4-Trichlorobenzene
Concen: 48.661 ng
RT: 10.675 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:180 Resp: 1321004
Ion Ratio Lower Upper
180 100
182 96.6 76.3 114.5
145 30.0 25.0 37.4

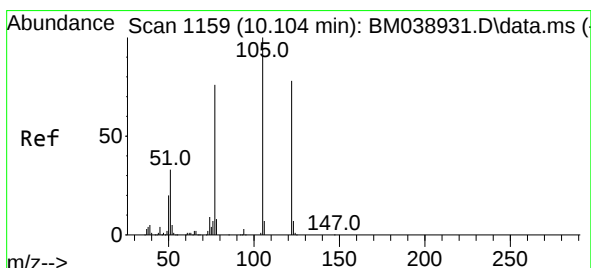
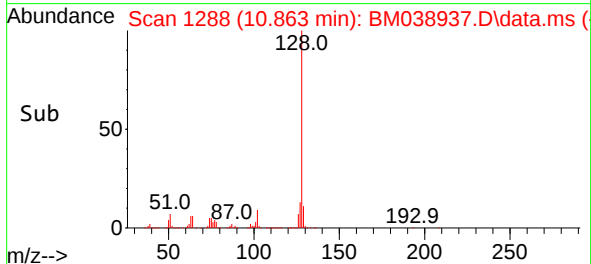
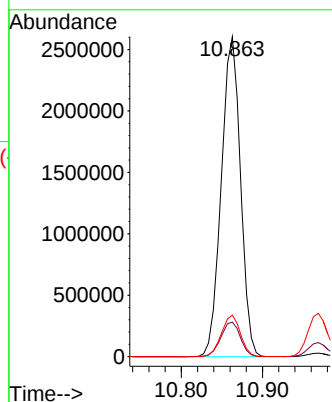
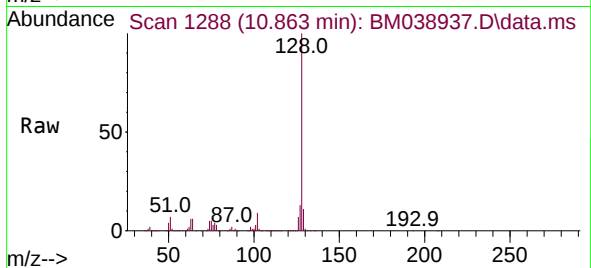




#31
Naphthalene
Concen: 46.635 ng
RT: 10.863 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

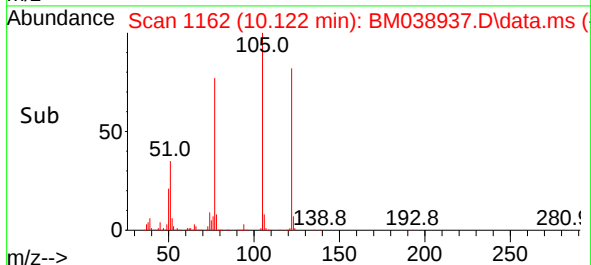
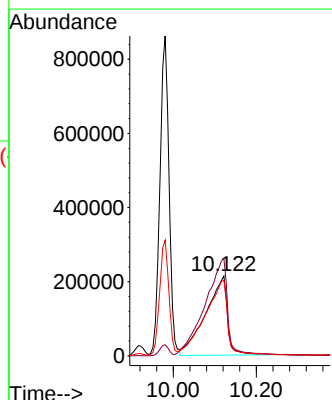
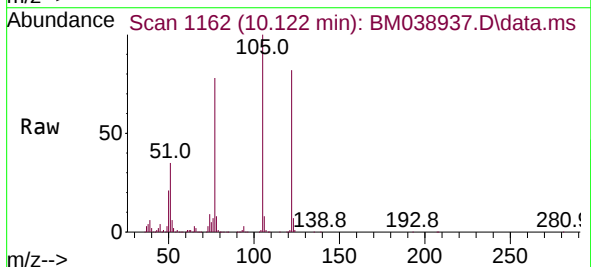
Instrument :
BNA_M
ClientSampleId :
PB150937BS

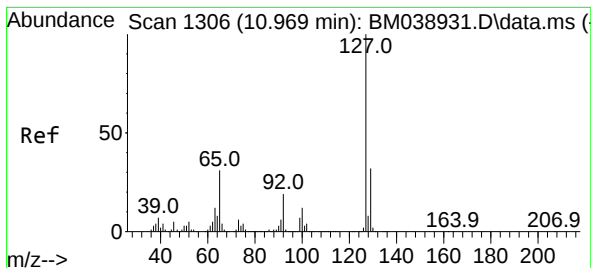
Tgt Ion:128 Resp: 4268689
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 41.649 ng
RT: 10.122 min Scan# 1162
Delta R.T. 0.018 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:122 Resp: 784159
Ion Ratio Lower Upper
122 100
105 122.0 104.2 144.2
77 94.7 75.1 115.1



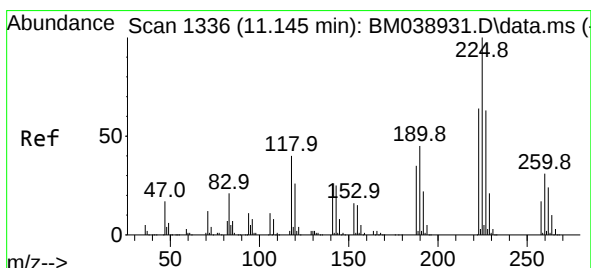
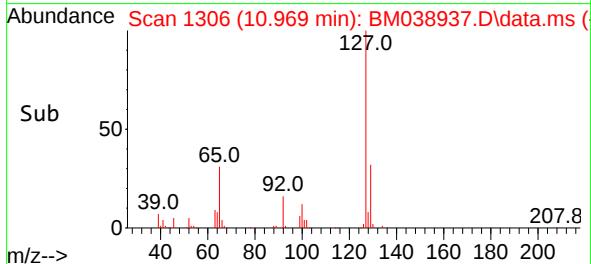
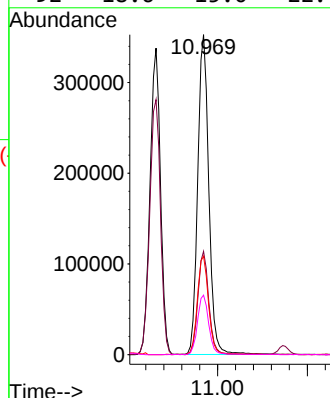
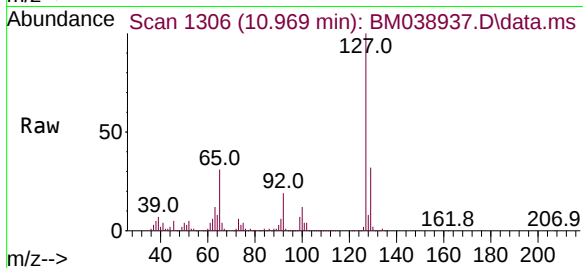


#33
4-Chloroaniline
Concen: 15.489 ng
RT: 10.969 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Instrument :
BNA_M
ClientSampleId :
PB150937BS

Tgt Ion:127 Resp: 604224

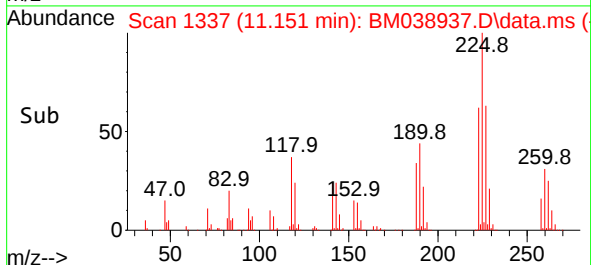
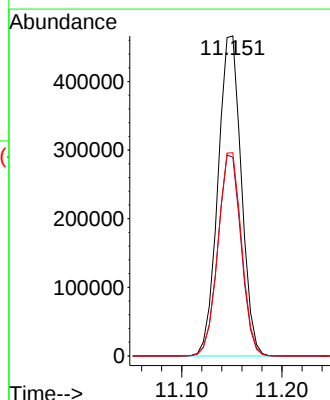
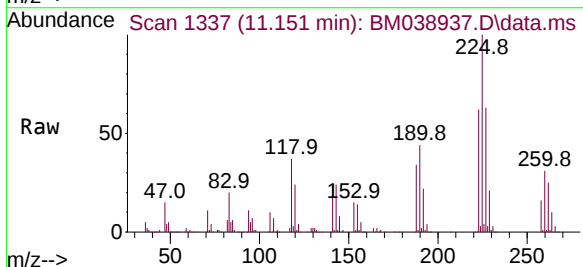
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	30.8	24.4	36.6
92	18.6	15.0	22.4

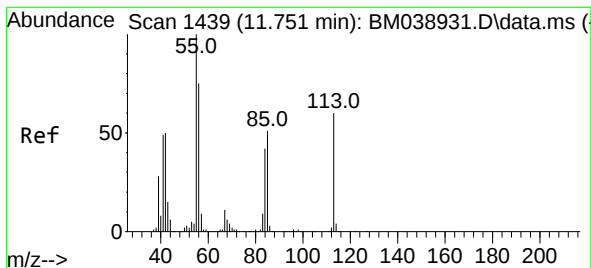


#34
Hexachlorobutadiene
Concen: 48.495 ng
RT: 11.151 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:225 Resp: 754958

Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.3	76.9
227	63.5	50.6	76.0

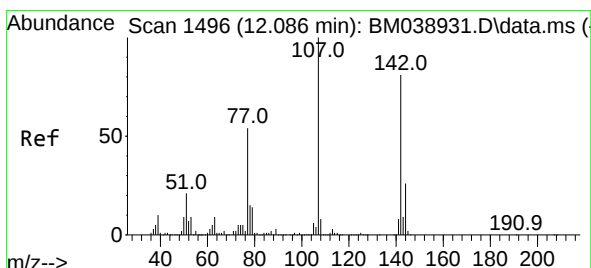
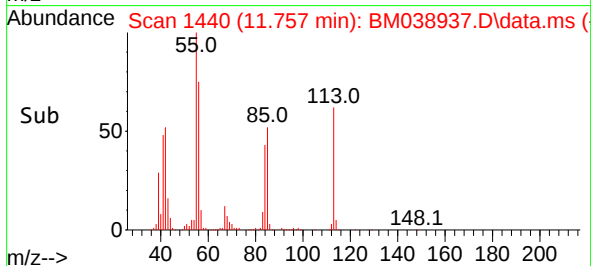
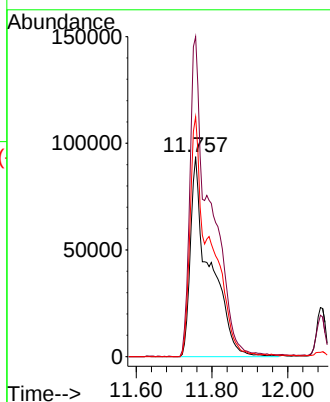
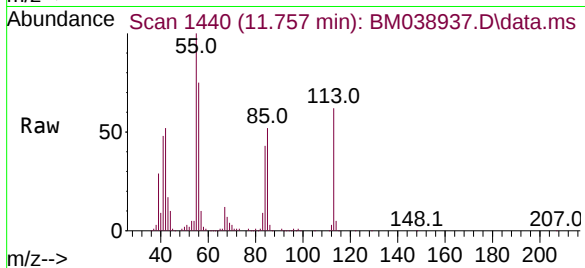




#35
Caprolactam
Concen: 43.549 ng
RT: 11.757 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

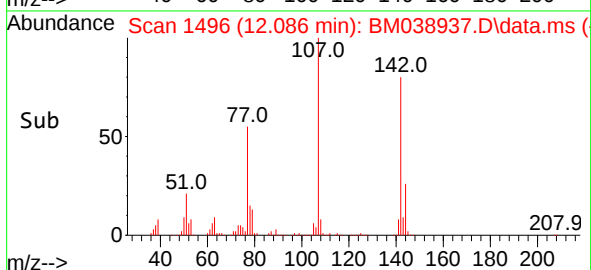
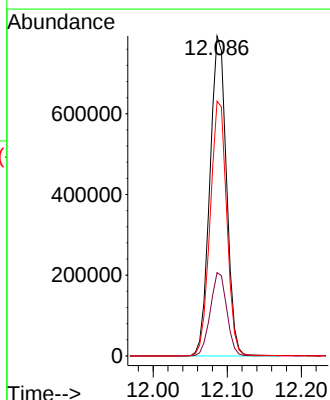
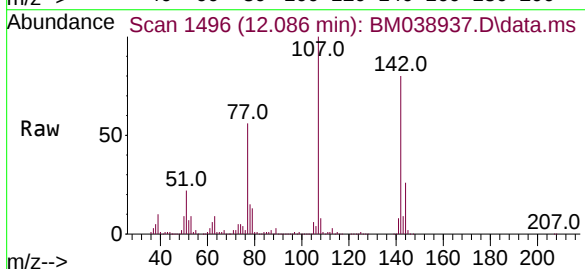
Instrument :
BNA_M
ClientSampleId :
PB150937BS

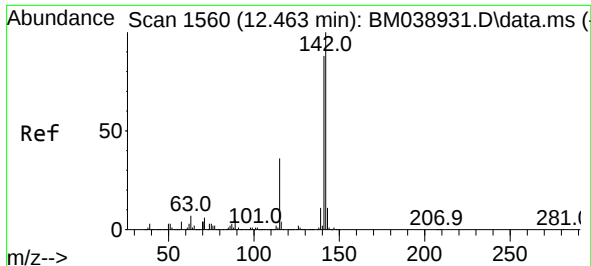
Tgt Ion:113 Resp: 329275
Ion Ratio Lower Upper
113 100
55 160.1 147.0 187.0
56 119.9 105.1 145.1



#36
4-Chloro-3-methylphenol
Concen: 46.705 ng
RT: 12.086 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:107 Resp: 1235499
Ion Ratio Lower Upper
107 100
144 26.0 20.7 31.1
142 79.6 64.6 97.0

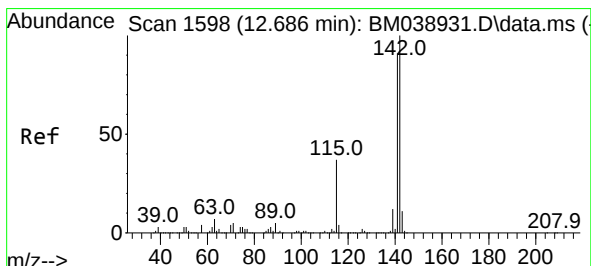
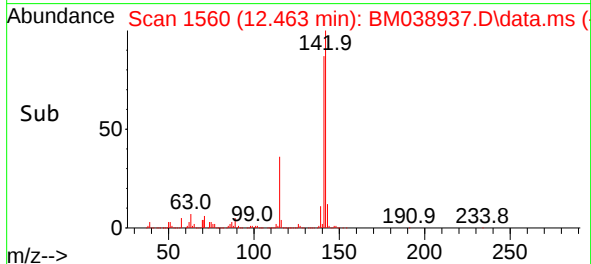
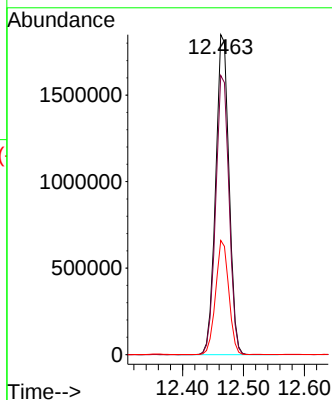
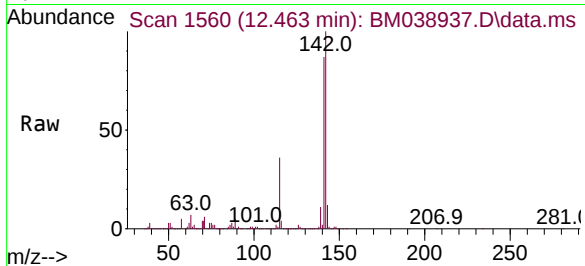




#37
2-Methylnaphthalene
Concen: 45.990 ng
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

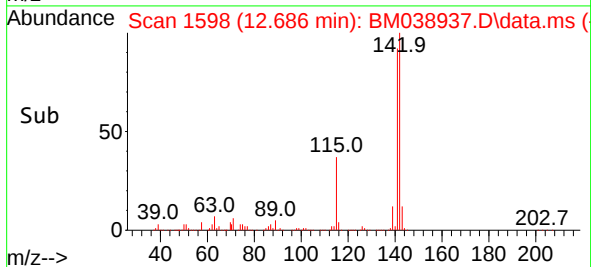
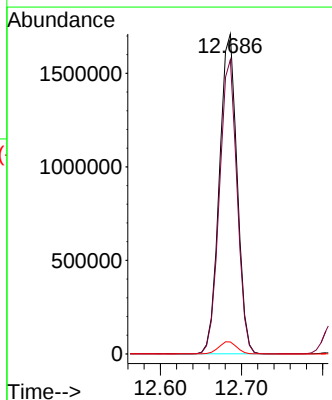
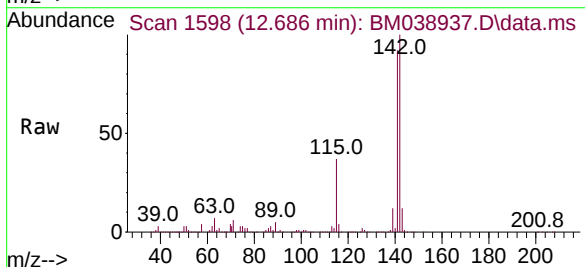
Instrument :
BNA_M
ClientSampleId :
PB150937BS

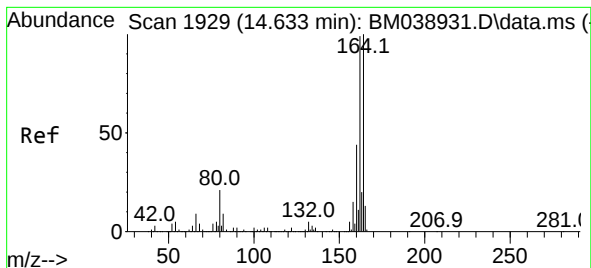
Tgt Ion:142 Resp: 2821480
Ion Ratio Lower Upper
142 100
141 87.2 70.6 106.0
115 35.7 28.5 42.7



#38
1-Methylnaphthalene
Concen: 45.048 ng
RT: 12.686 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:142 Resp: 2589944
Ion Ratio Lower Upper
142 100
141 91.9 72.8 109.2
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.633 min Scan# 1929

Delta R.T. -0.000 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

Instrument :

BNA_M

ClientSampleId :

PB150937BS

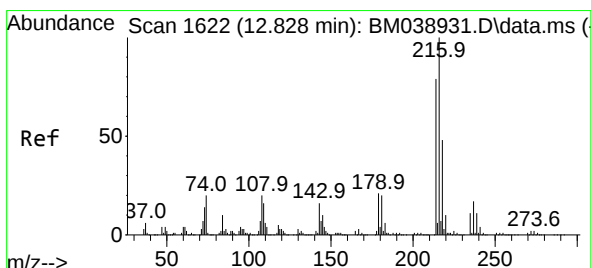
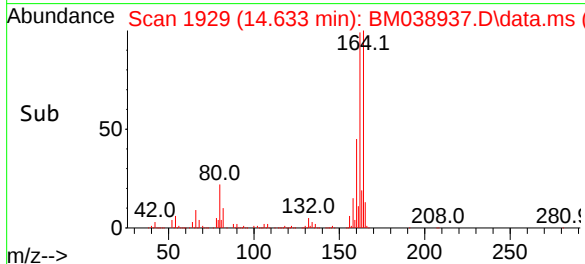
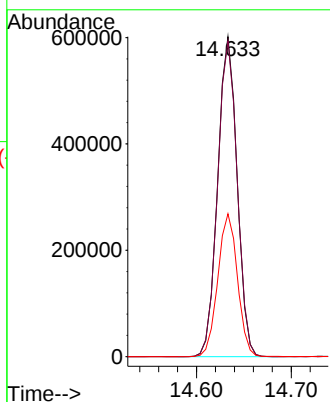
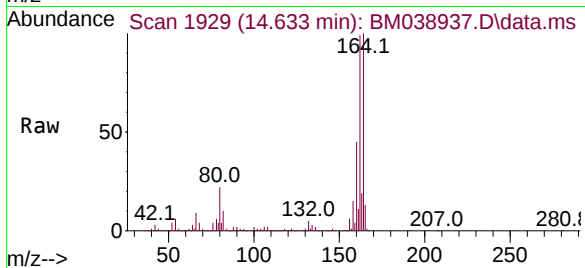
Tgt Ion:164 Resp: 854913

Ion Ratio Lower Upper

164 100

162 98.6 79.2 118.8

160 44.6 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.659 ng

RT: 12.833 min Scan# 1623

Delta R.T. 0.006 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

Tgt Ion:216 Resp: 1380150

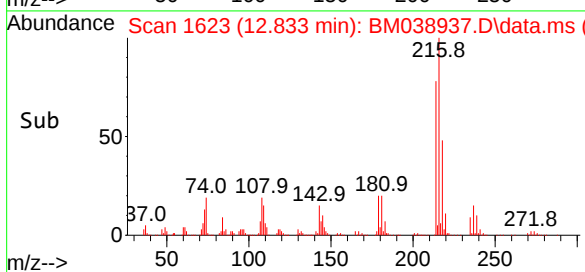
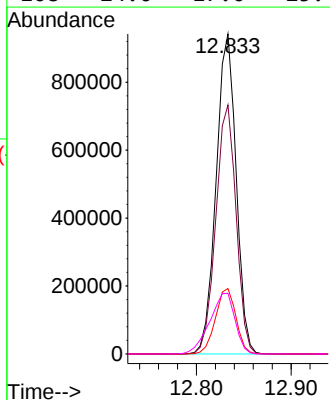
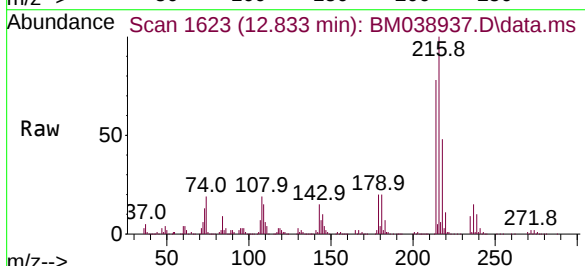
Ion Ratio Lower Upper

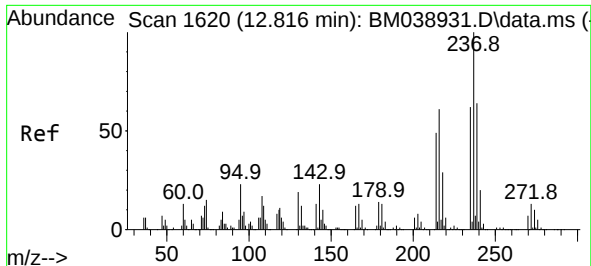
216 100

214 78.8 63.0 94.4

179 20.9 16.8 25.2

108 24.0 17.0 25.4

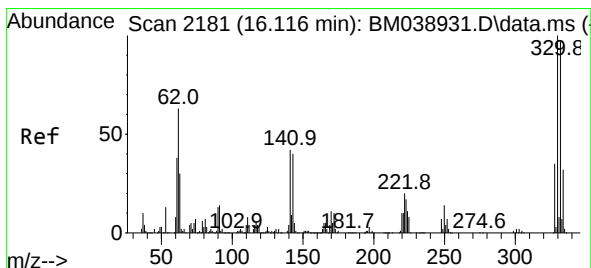
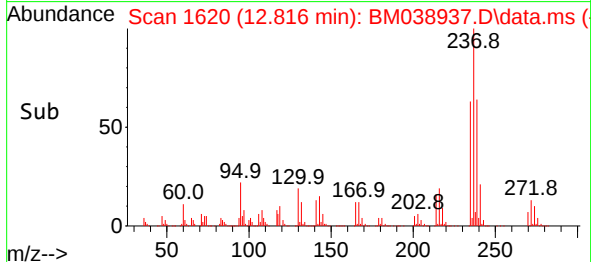
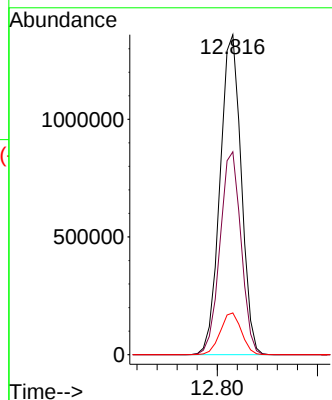
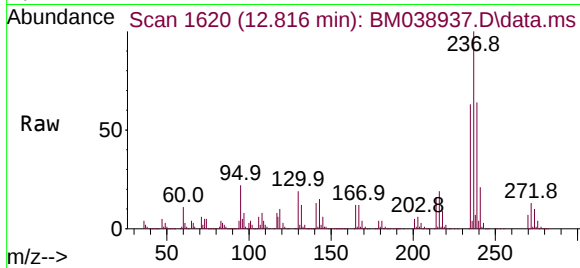




#41
Hexachlorocyclopentadiene
Concen: 130.871 ng
RT: 12.816 min Scan# 1620
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

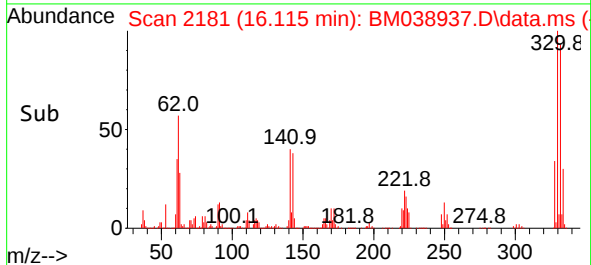
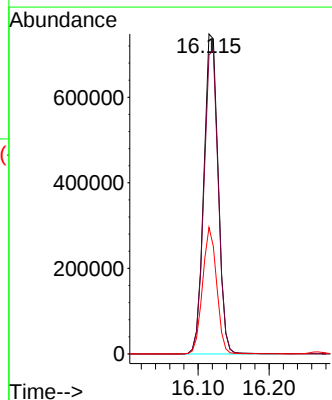
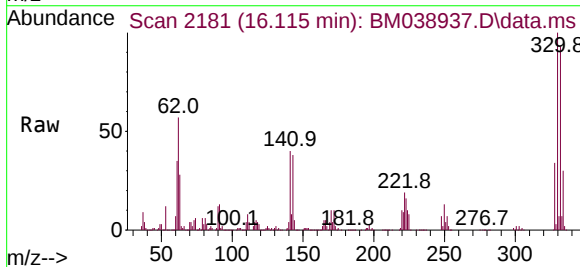
Instrument :
BNA_M
ClientSampleId :
PB150937BS

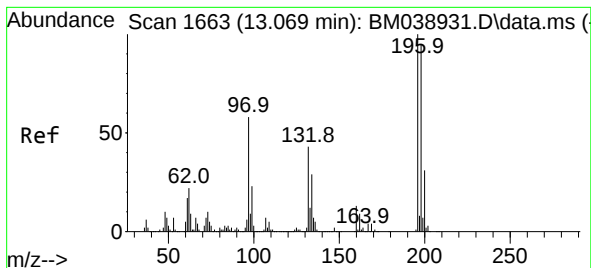
Tgt Ion:237 Resp: 1996522
Ion Ratio Lower Upper
237 100
235 63.4 41.7 81.7
272 13.0 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 105.375 ng
RT: 16.115 min Scan# 2181
Delta R.T. -0.001 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:330 Resp: 1042161
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 38.8 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 48.922 ng

RT: 13.069 min Scan# 1663

Delta R.T. -0.000 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

Instrument :

BNA_M

ClientSampleId :

PB150937BS

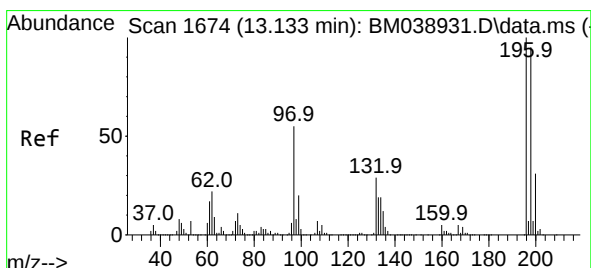
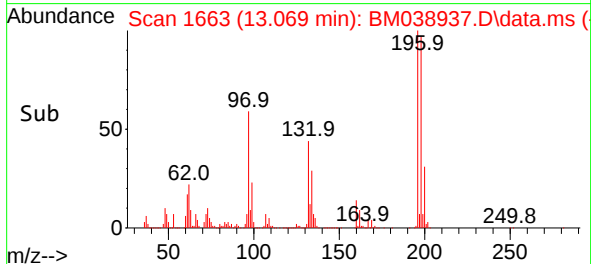
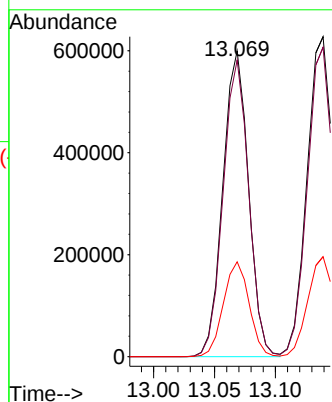
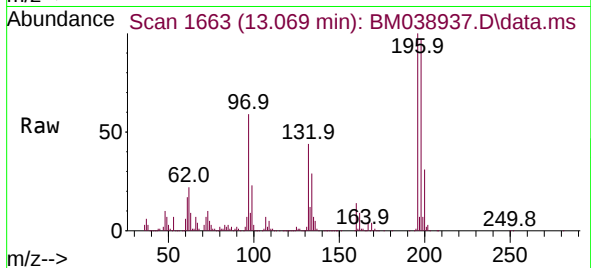
Tgt Ion:196 Resp: 880460

Ion Ratio Lower Upper

196 100

198 97.0 75.8 113.8

200 31.0 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 44.907 ng

RT: 13.139 min Scan# 1675

Delta R.T. 0.006 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

Tgt Ion:196 Resp: 946014

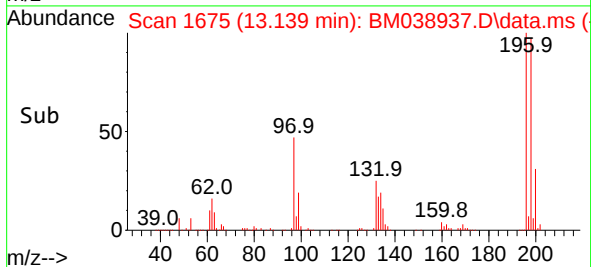
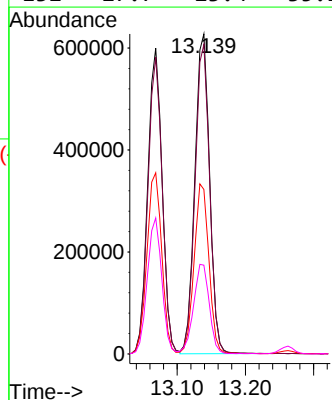
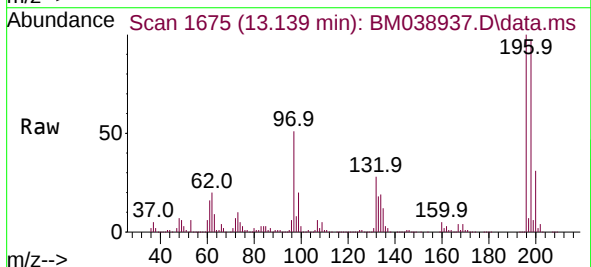
Ion Ratio Lower Upper

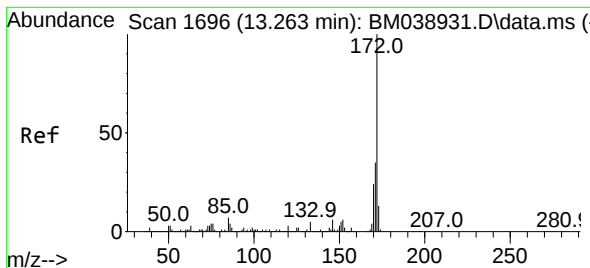
196 100

198 96.7 76.3 114.5

97 51.4 44.2 66.4

132 27.7 23.4 35.2

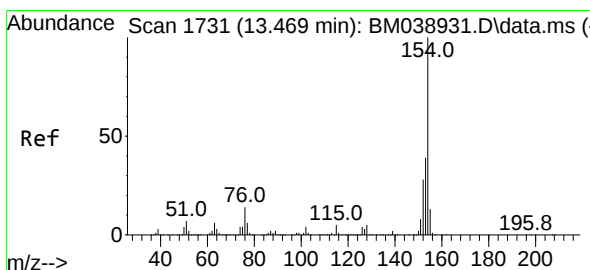
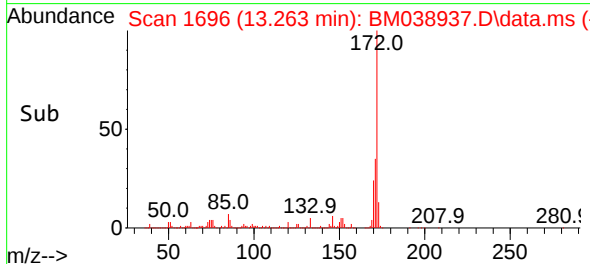
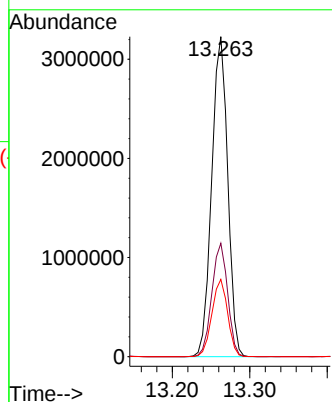
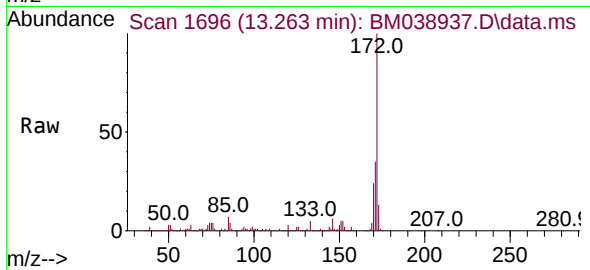




#45
2-Fluorobiphenyl
Concen: 70.444 ng
RT: 13.263 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

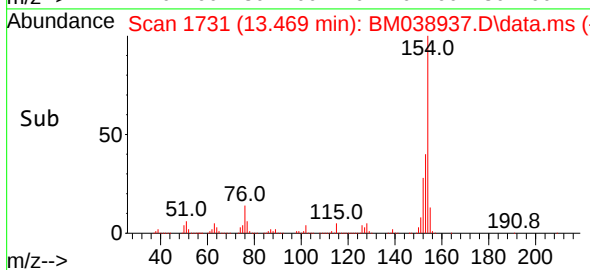
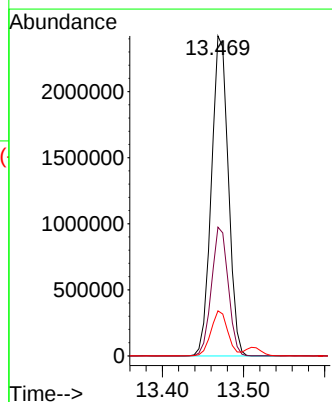
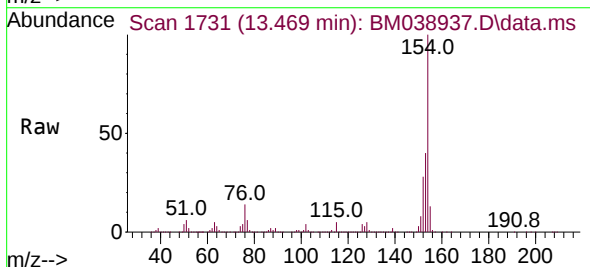
Instrument :
BNA_M
ClientSampleId :
PB150937BS

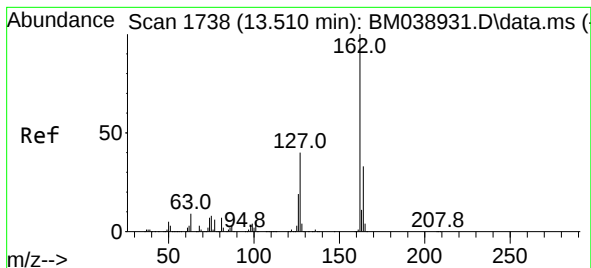
Tgt Ion:172 Resp: 4626159
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 24.1 19.1 28.7



#46
1,1'-Biphenyl
Concen: 48.362 ng
RT: 13.469 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:154 Resp: 3502664
Ion Ratio Lower Upper
154 100
153 40.2 19.3 59.3
76 14.1 0.0 34.0

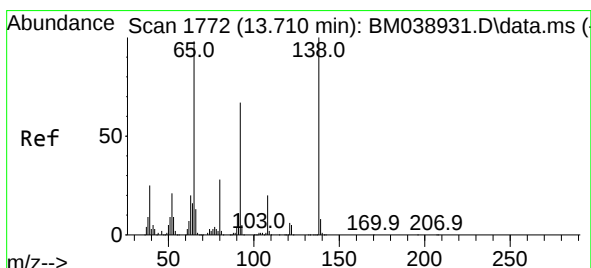
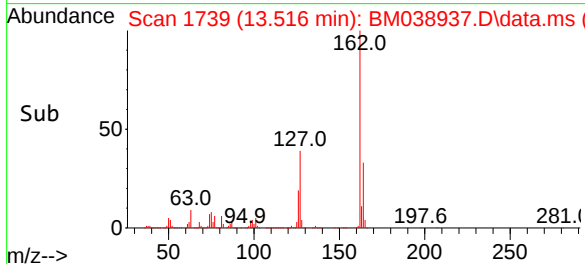
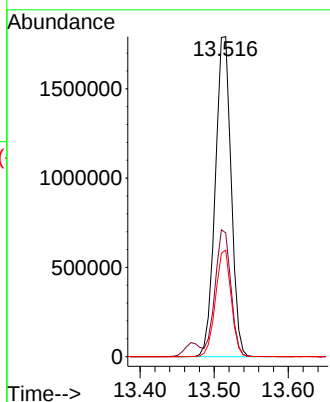
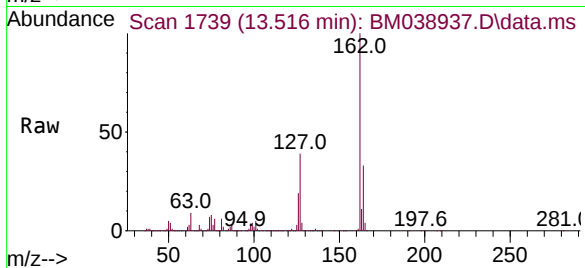




#47
2-Chloronaphthalene
Concen: 48.828 ng
RT: 13.516 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

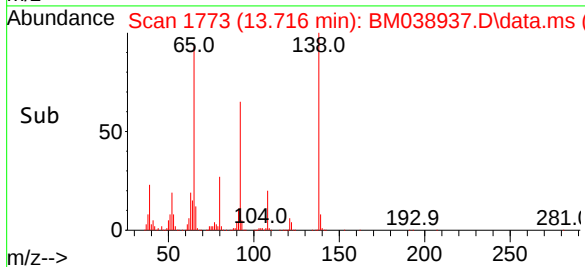
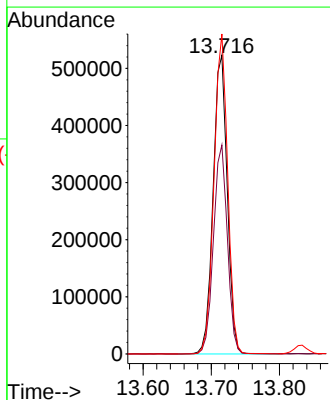
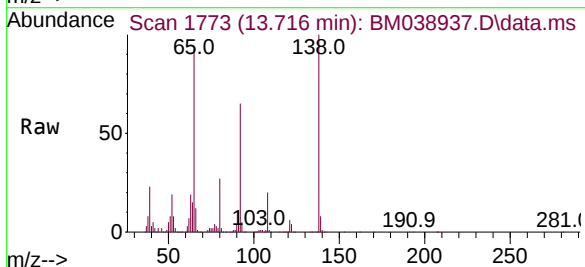
Instrument :
BNA_M
ClientSampleId :
PB150937BS

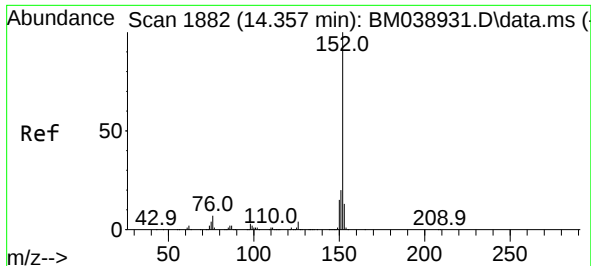
Tgt Ion:162 Resp: 2666718
Ion Ratio Lower Upper
162 100
127 38.7 32.1 48.1
164 33.3 26.2 39.4



#48
2-Nitroaniline
Concen: 43.052 ng
RT: 13.716 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion: 65 Resp: 748618
Ion Ratio Lower Upper
65 100
92 69.9 54.9 82.3
138 107.1 81.6 122.4

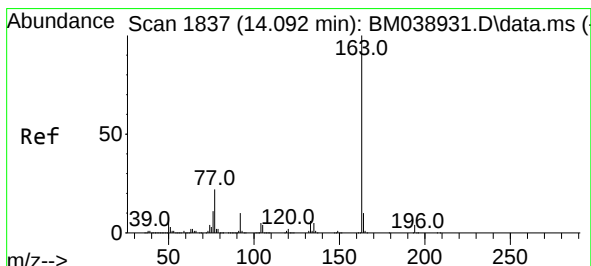
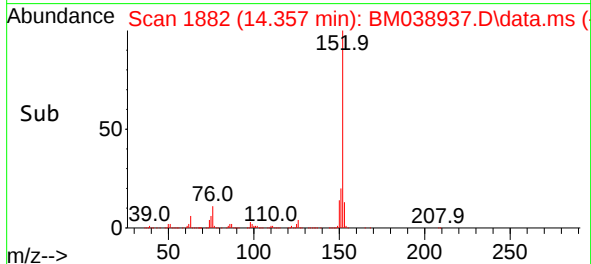
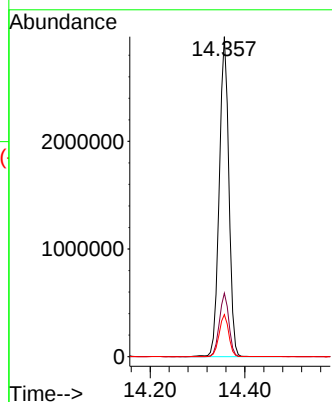
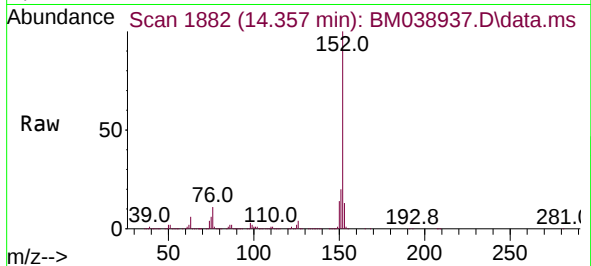




#49
Acenaphthylene
Concen: 47.797 ng
RT: 14.357 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

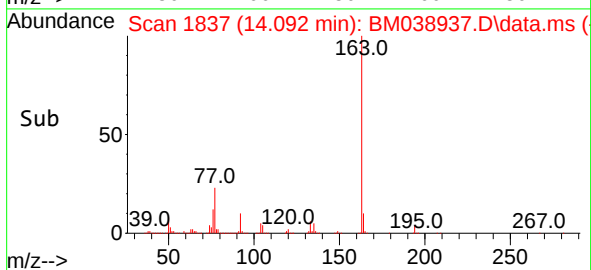
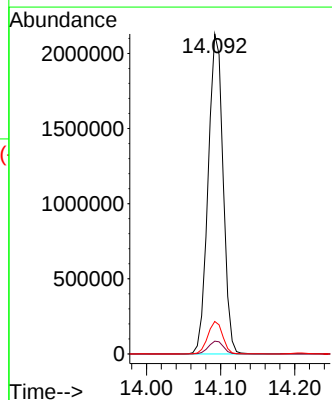
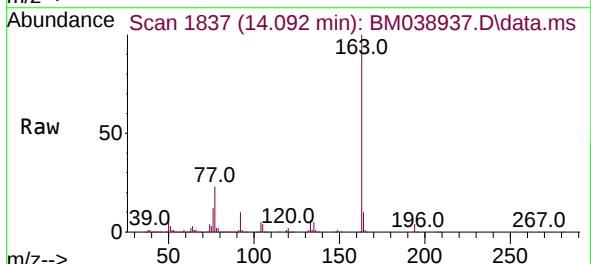
Instrument :
BNA_M
ClientSampleId :
PB150937BS

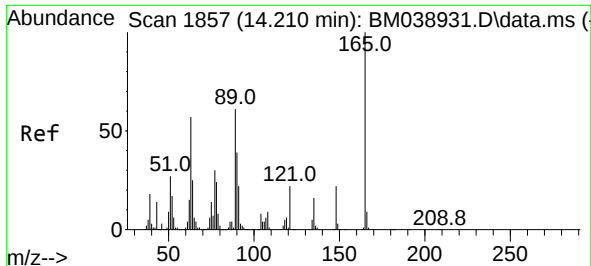
Tgt Ion:152 Resp: 4157978
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 45.169 ng
RT: 14.092 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:163 Resp: 2971459
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.1 12.1

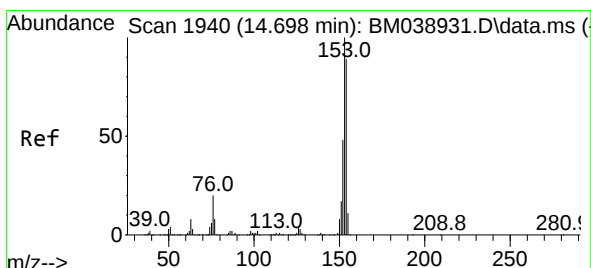
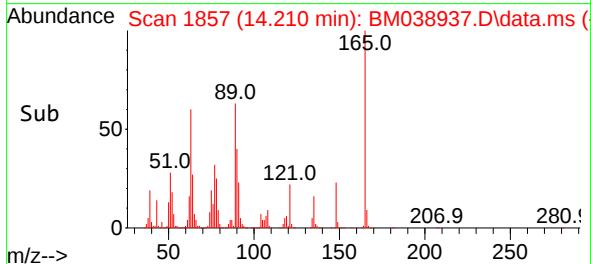
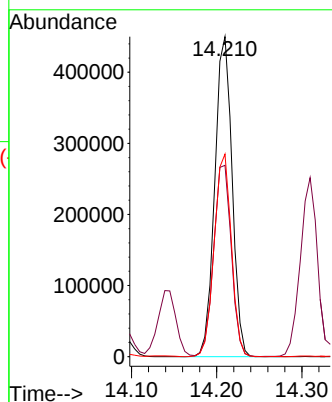
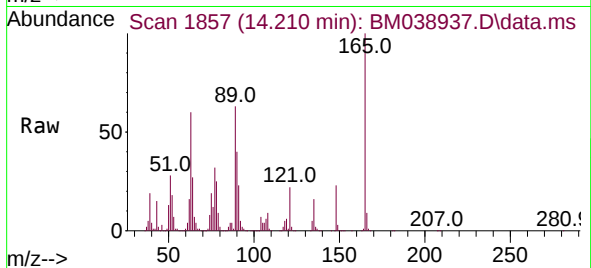




#51
2,6-Dinitrotoluene
Concen: 43.700 ng
RT: 14.210 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

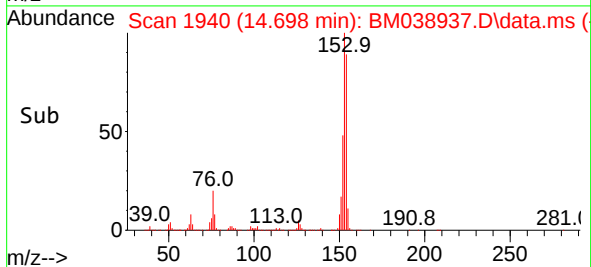
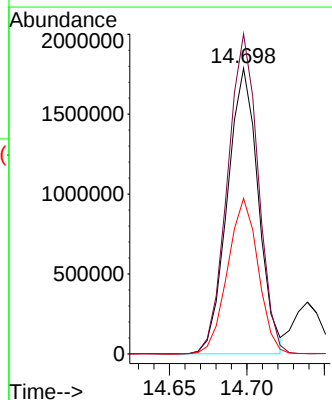
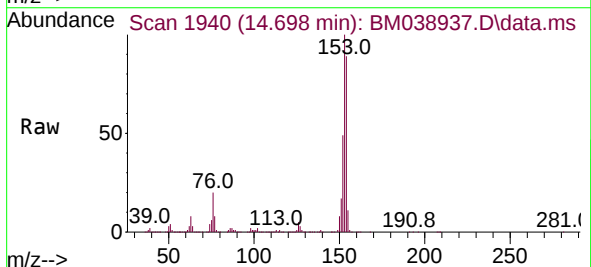
Instrument :
BNA_M
ClientSampleId :
PB150937BS

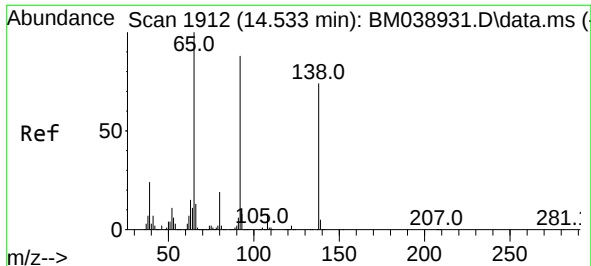
Tgt Ion:165 Resp: 633845
Ion Ratio Lower Upper
165 100
63 59.8 46.6 70.0
89 63.3 48.6 73.0



#52
Acenaphthene
Concen: 46.387 ng
RT: 14.698 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:154 Resp: 2479966
Ion Ratio Lower Upper
154 100
153 112.0 90.2 135.2
152 54.4 43.4 65.2

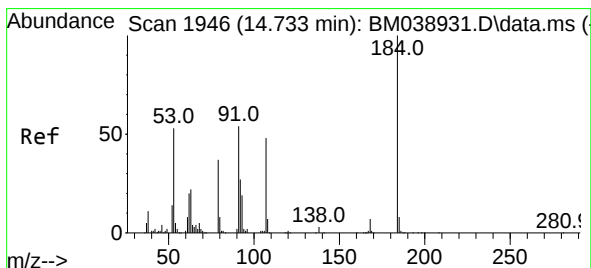
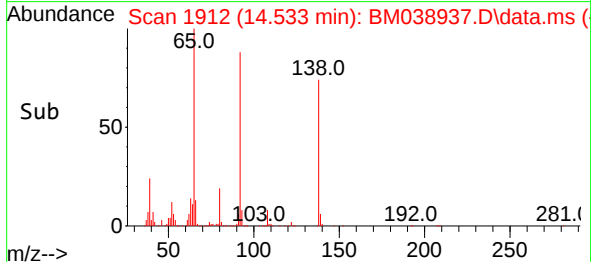
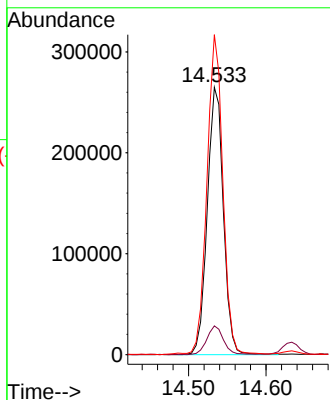
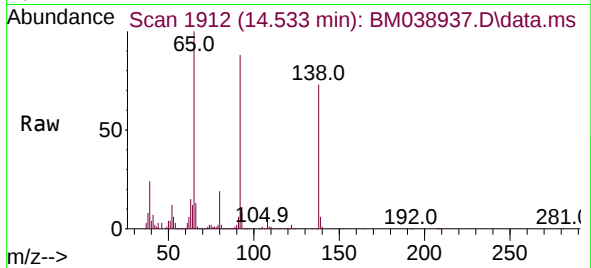




#53
3-Nitroaniline
Concen: 23.283 ng
RT: 14.533 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

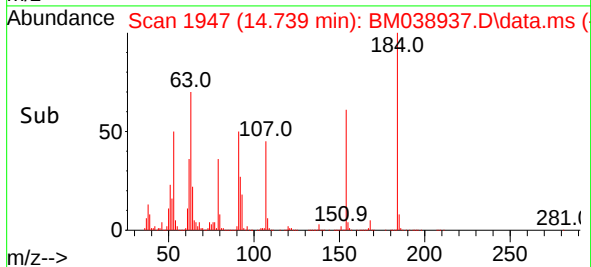
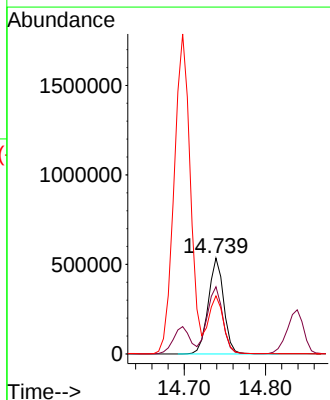
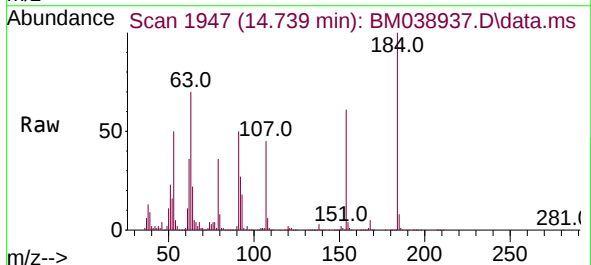
Instrument :
BNA_M
ClientSampleId :
PB150937BS

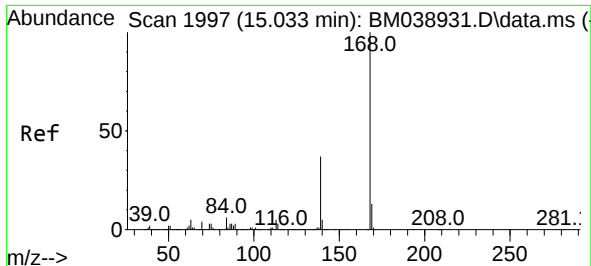
Tgt Ion:138 Resp: 381594
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 119.7 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 83.981 ng
RT: 14.739 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:184 Resp: 704571
Ion Ratio Lower Upper
184 100
63 70.1 60.6 90.8
154 60.6 51.4 77.2

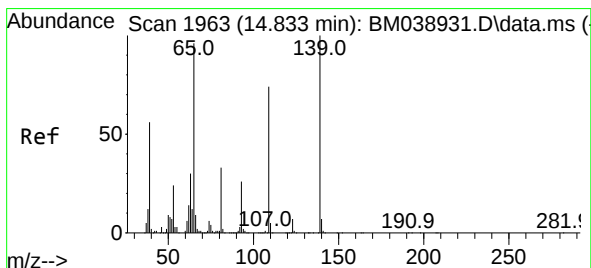
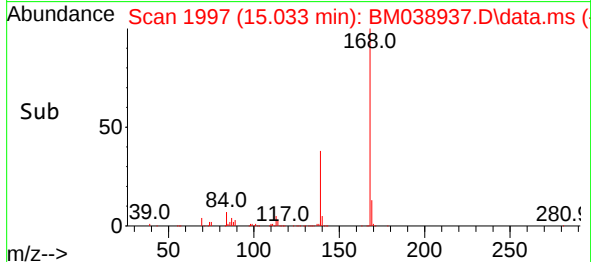
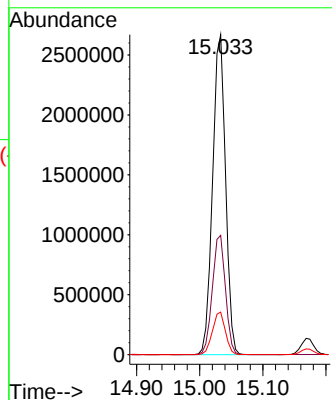
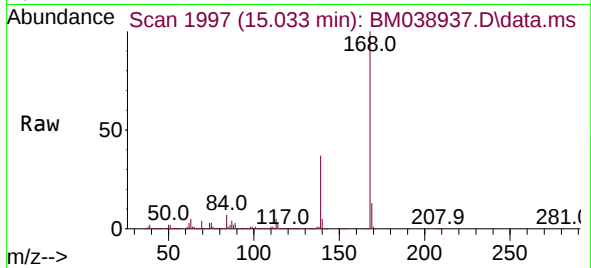




#55
Dibenzofuran
Concen: 45.474 ng
RT: 15.033 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

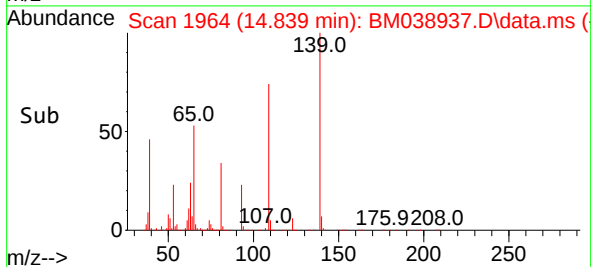
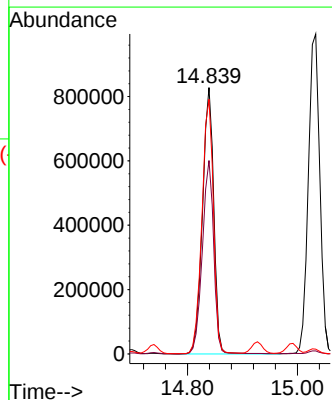
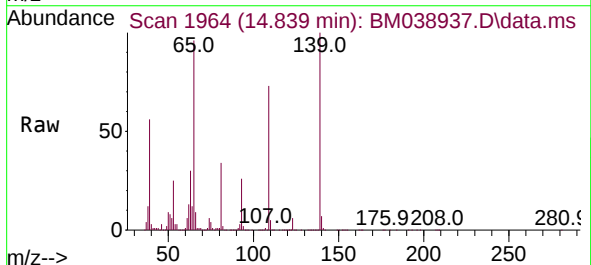
Instrument :
BNA_M
ClientSampleId :
PB150937BS

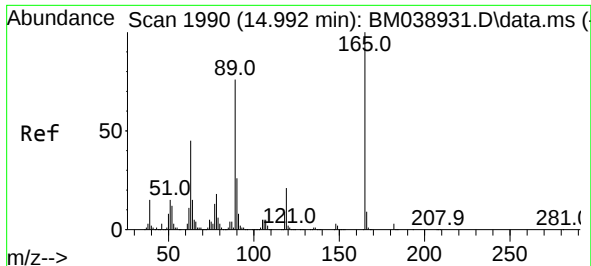
Tgt Ion:168 Resp: 3804400
Ion Ratio Lower Upper
168 100
139 37.3 29.9 44.9
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 89.992 ng
RT: 14.839 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:139 Resp: 1175750
Ion Ratio Lower Upper
139 100
109 72.6 53.5 93.5
65 95.6 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 44.074 ng

RT: 14.992 min Scan# 1990

Delta R.T. -0.000 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

Instrument :

BNA_M

ClientSampleId :

PB150937BS

Tgt Ion:165 Resp: 840454

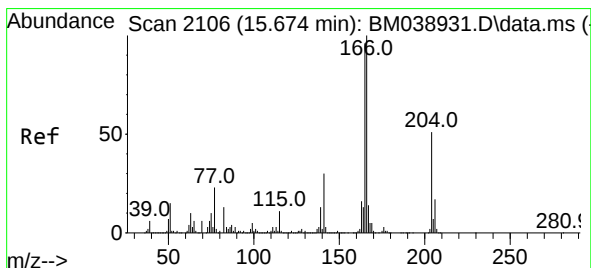
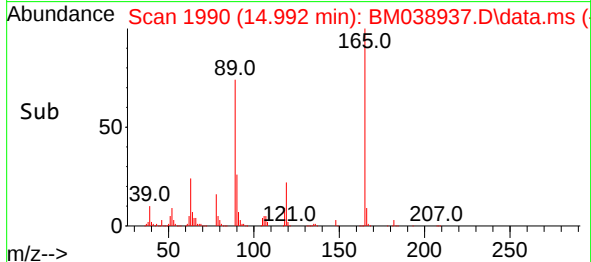
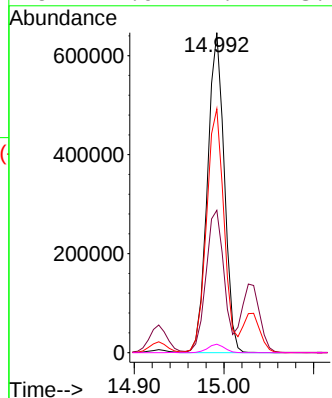
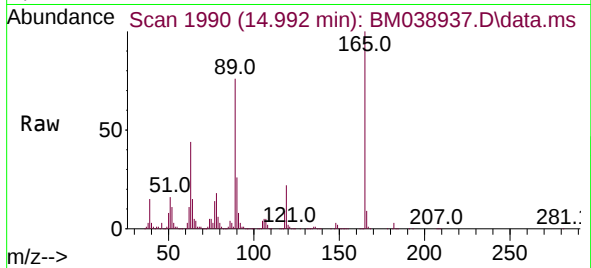
Ion Ratio Lower Upper

165 100

63 44.5 35.9 53.9

89 76.2 61.0 91.6

182 2.6 2.1 3.1



#58

Fluorene

Concen: 46.433 ng

RT: 15.680 min Scan# 2107

Delta R.T. 0.006 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

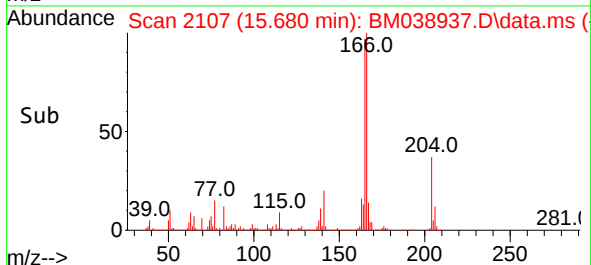
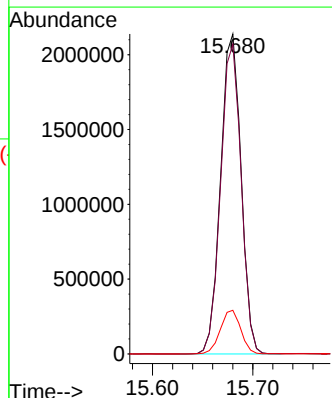
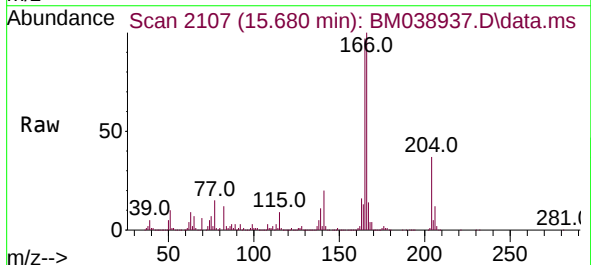
Tgt Ion:166 Resp: 3042970

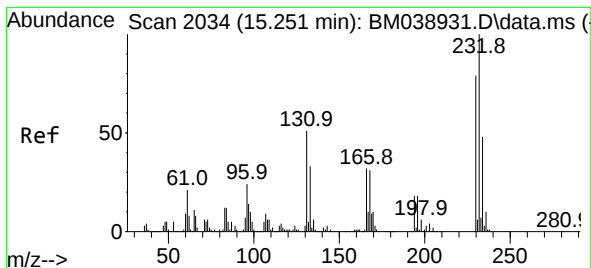
Ion Ratio Lower Upper

166 100

165 96.8 77.1 115.7

167 13.6 10.9 16.3

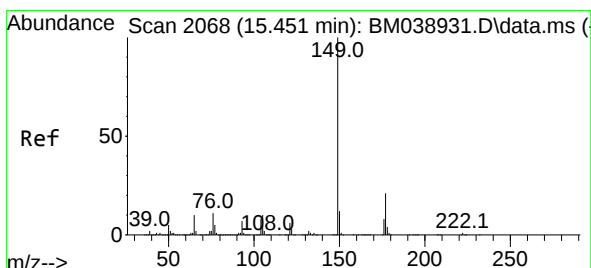
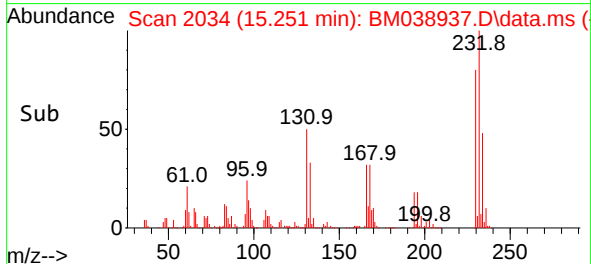
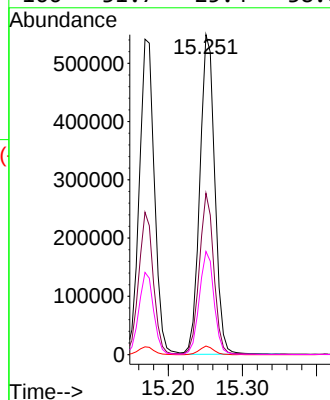
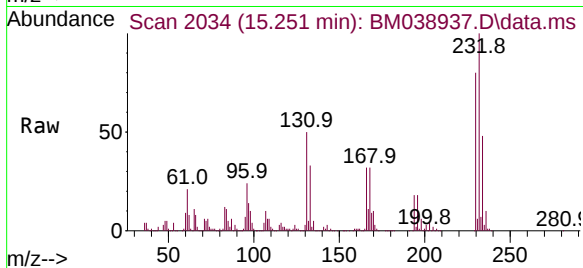




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.345 ng
RT: 15.251 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

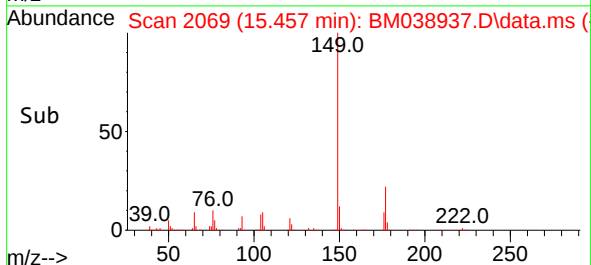
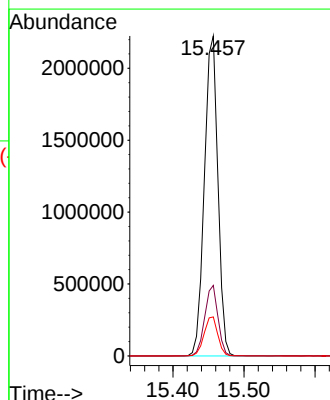
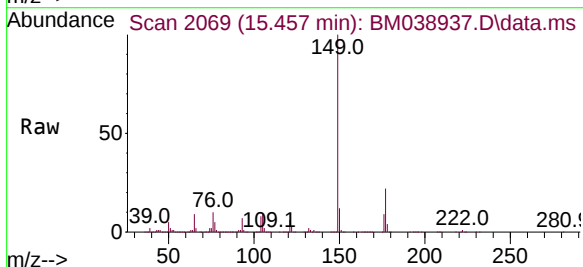
Instrument :
BNA_M
ClientSampleId :
PB150937BS

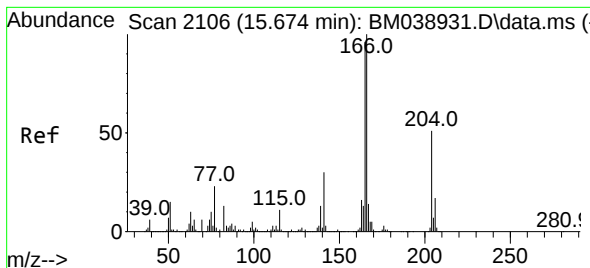
Tgt Ion:232 Resp: 769190
Ion Ratio Lower Upper
232 100
131 48.9 40.0 60.0
130 2.5 2.0 3.0
166 31.7 25.4 38.0



#60
Diethylphthalate
Concen: 45.643 ng
RT: 15.457 min Scan# 2069
Delta R.T. 0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:149 Resp: 2921605
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 12.2 9.7 14.5

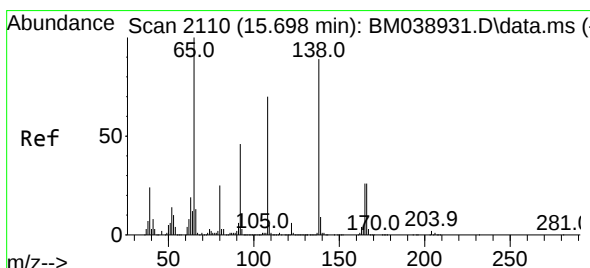
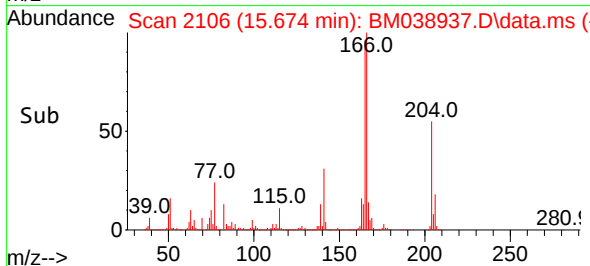
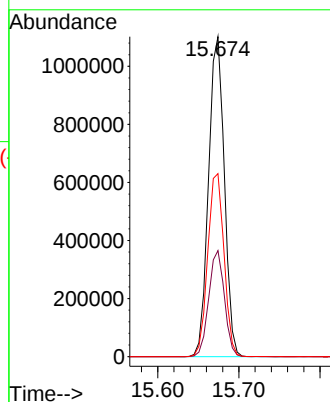
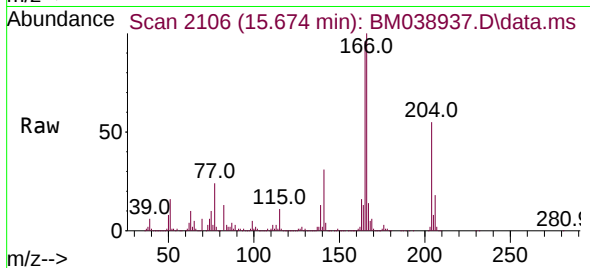




#61
4-Chlorophenyl-phenylether
Concen: 46.386 ng
RT: 15.674 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

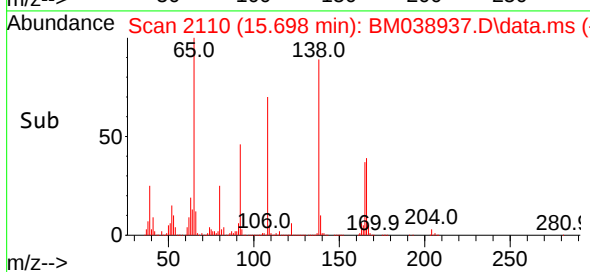
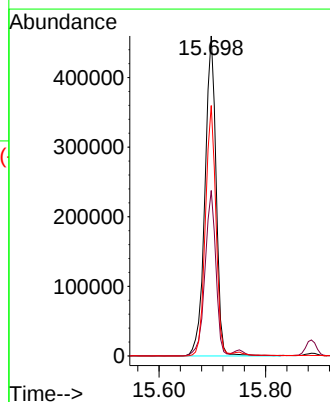
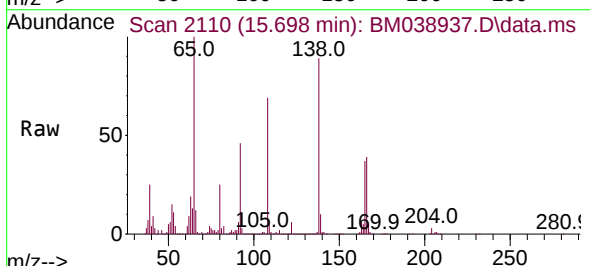
Instrument :
BNA_M
ClientSampleId :
PB150937BS

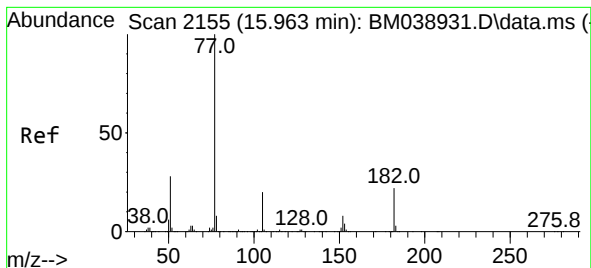
Tgt Ion:204 Resp: 1493405
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 57.2 46.4 69.6



#62
4-Nitroaniline
Concen: 38.896 ng
RT: 15.698 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:138 Resp: 667368
Ion Ratio Lower Upper
138 100
92 51.7 31.6 71.6
108 78.2 58.6 98.6





#63

Azobenzene

Concen: 46.778 ng

RT: 15.962 min Scan# 2155

Delta R.T. -0.001 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

Instrument :

BNA_M

ClientSampleId :

PB150937BS

Tgt Ion: 77 Resp: 3168233

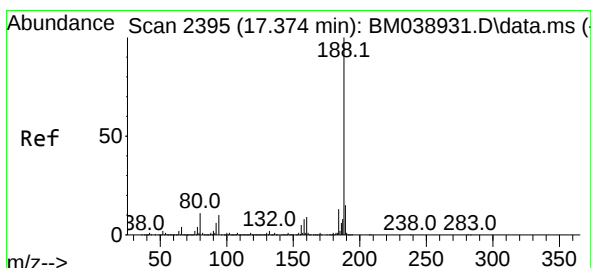
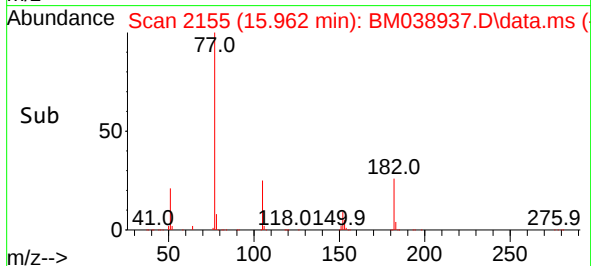
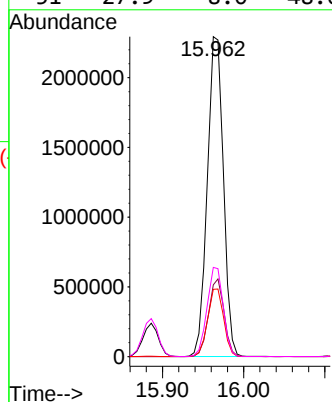
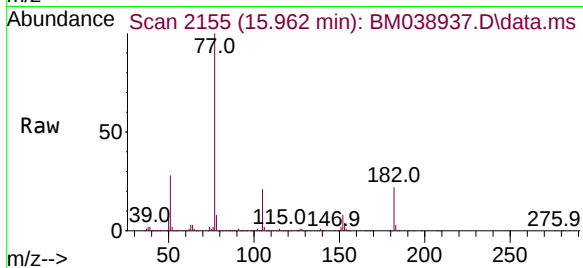
Ion Ratio Lower Upper

77 100

182 22.4 2.0 42.0

105 21.0 0.4 40.4

51 27.9 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.374 min Scan# 2395

Delta R.T. -0.000 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

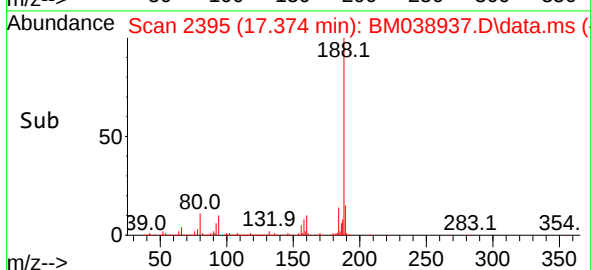
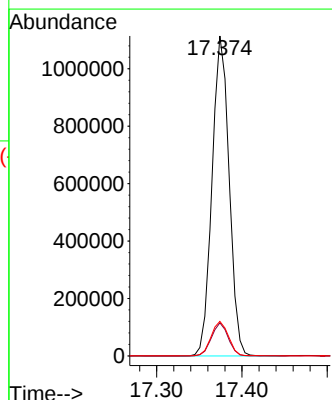
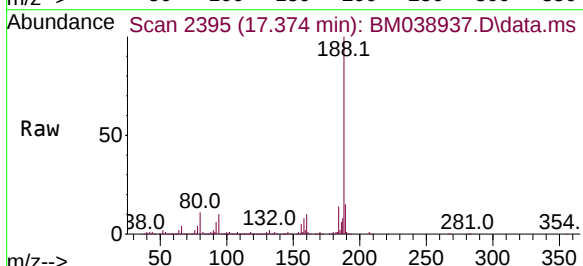
Tgt Ion:188 Resp: 1550964

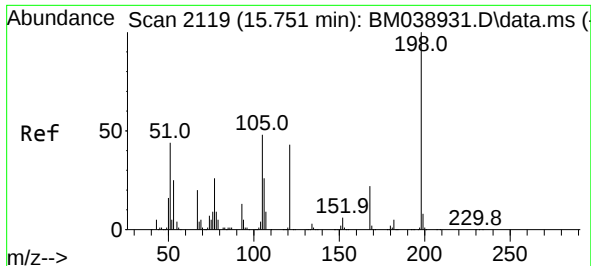
Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

80 10.8 8.5 12.7

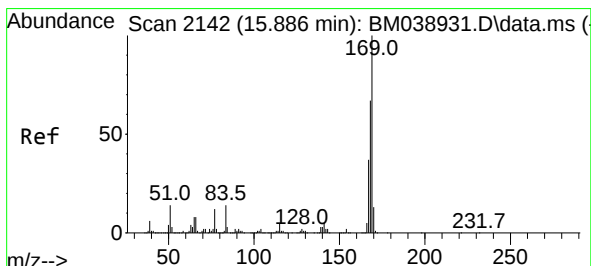
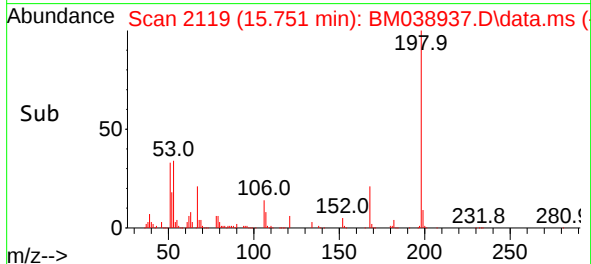
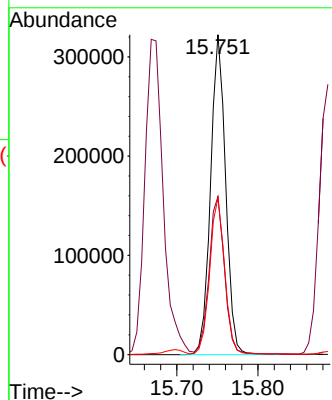
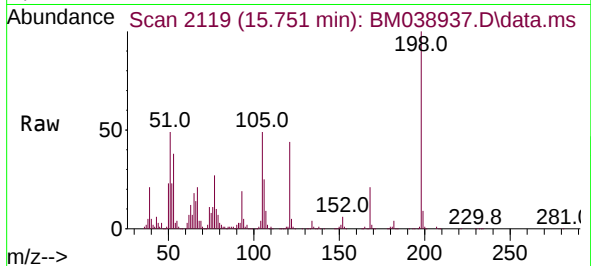




#65
4,6-Dinitro-2-methylphenol
Concen: 41.563 ng
RT: 15.751 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

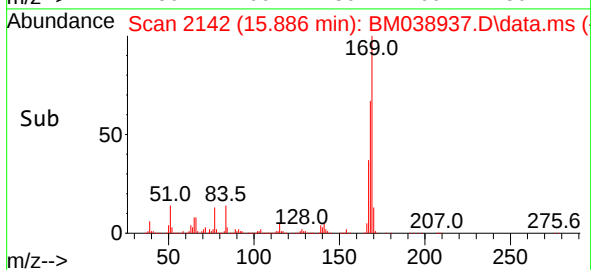
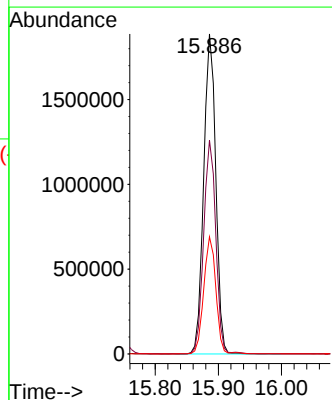
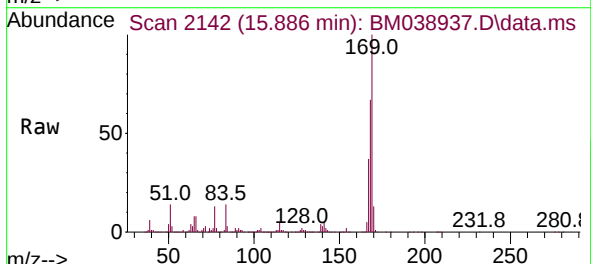
Instrument :
BNA_M
ClientSampleId :
PB150937BS

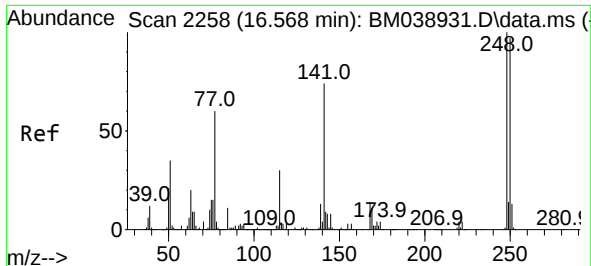
Tgt Ion:198 Resp: 415850
Ion Ratio Lower Upper
198 100
51 49.4 30.1 70.1
105 49.0 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 47.833 ng
RT: 15.886 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:169 Resp: 2501014
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 36.6 29.4 44.0

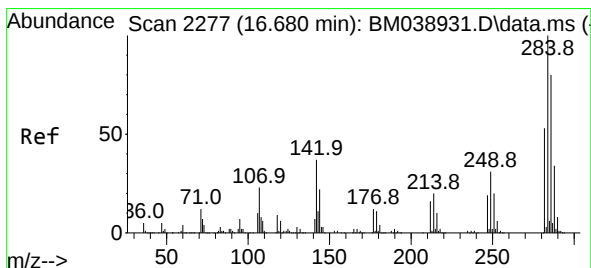
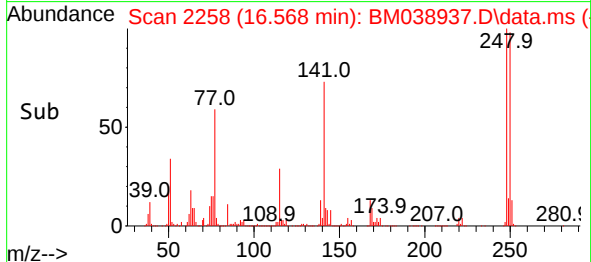
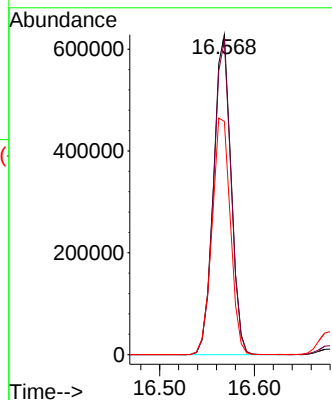
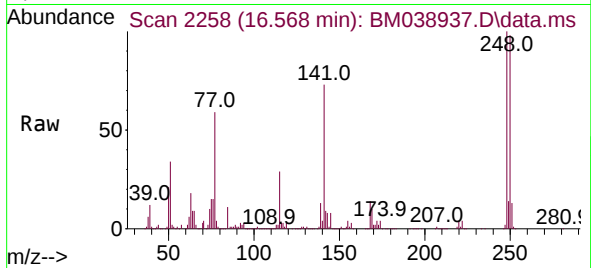




#67
4-Bromophenyl-phenylether
Concen: 48.214 ng
RT: 16.568 min Scan# 2258
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

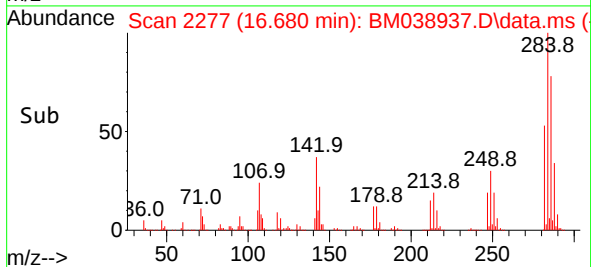
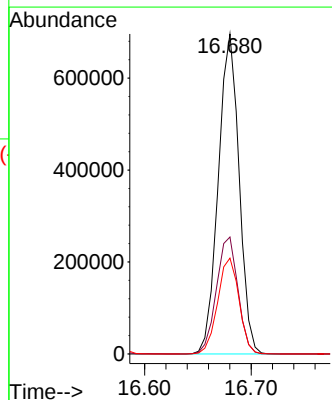
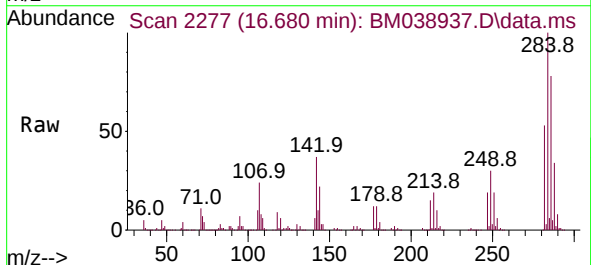
Instrument :
BNA_M
ClientSampleId :
PB150937BS

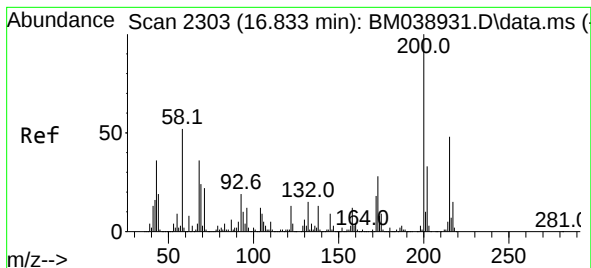
Tgt Ion:248 Resp: 807696
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.8
141 72.9 59.0 88.4



#68
Hexachlorobenzene
Concen: 50.548 ng
RT: 16.680 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:284 Resp: 946629
Ion Ratio Lower Upper
284 100
142 36.6 29.5 44.3
249 29.9 25.0 37.4





#69

Atrazine

Concen: 53.883 ng

RT: 16.839 min Scan# 2303

Delta R.T. 0.006 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

Instrument :

BNA_M

ClientSampleId :

PB150937BS

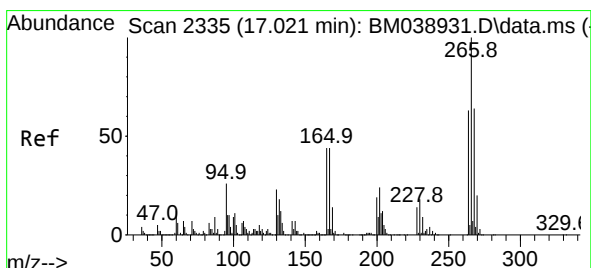
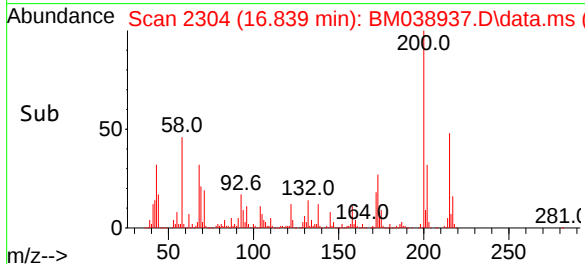
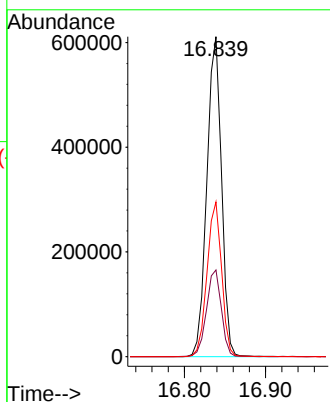
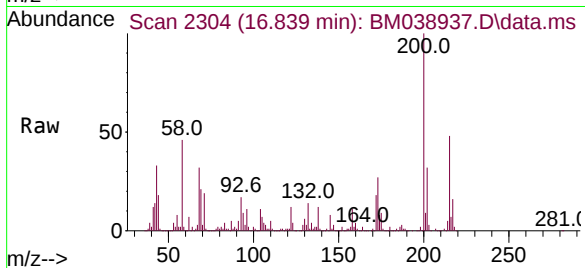
Tgt Ion:200 Resp: 769536

Ion Ratio Lower Upper

200 100

173 27.1 8.2 48.2

215 48.3 27.8 67.8



#70

Pentachlorophenol

Concen: 85.125 ng

RT: 17.021 min Scan# 2335

Delta R.T. 0.000 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

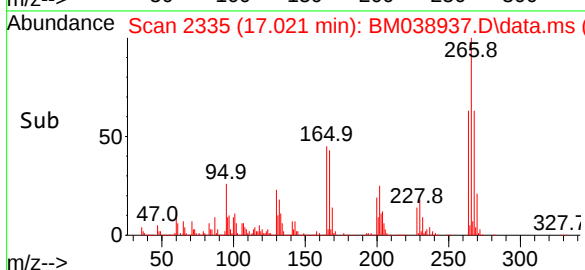
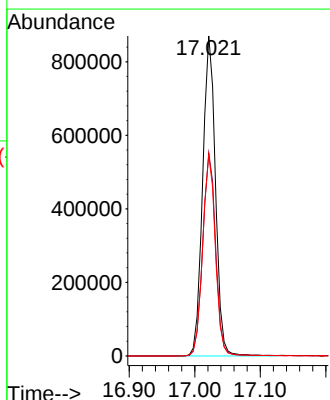
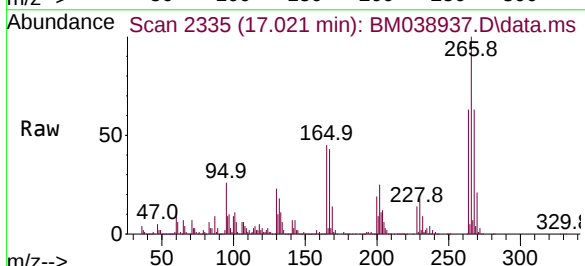
Tgt Ion:266 Resp: 1172504

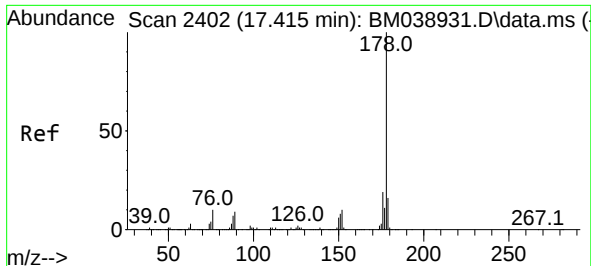
Ion Ratio Lower Upper

266 100

268 63.4 51.0 76.4

264 62.7 50.3 75.5

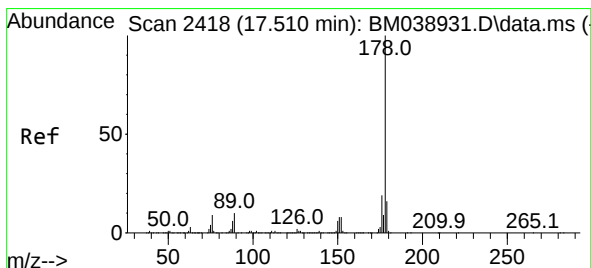
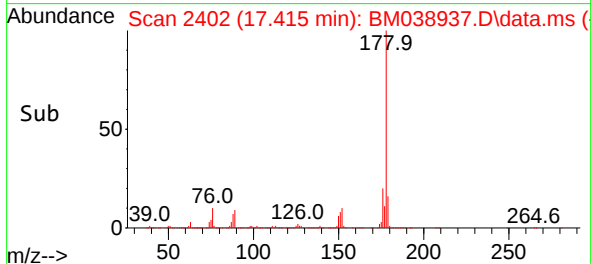
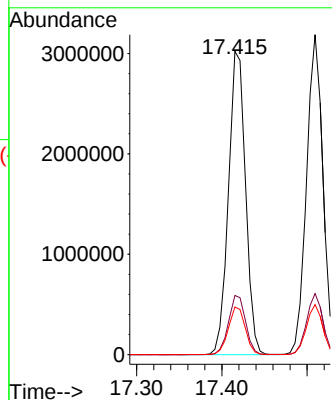
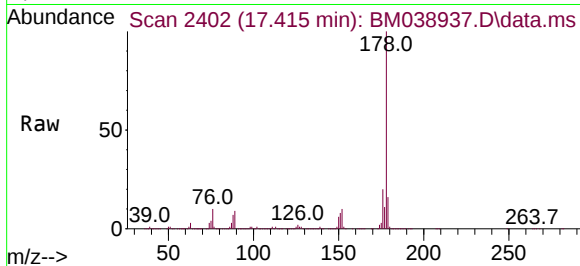




#71
Phenanthrene
Concen: 46.226 ng
RT: 17.415 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

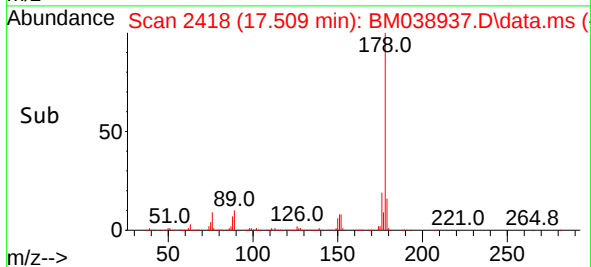
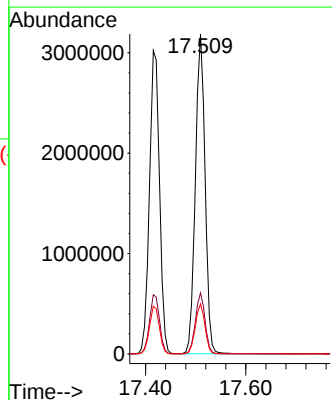
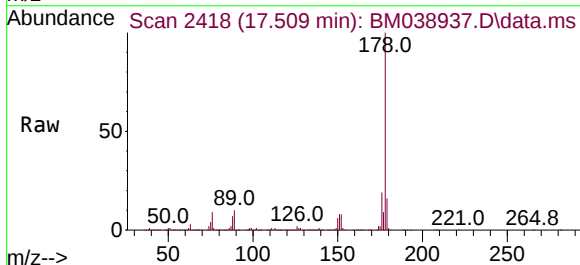
Instrument :
BNA_M
ClientSampleId :
PB150937BS

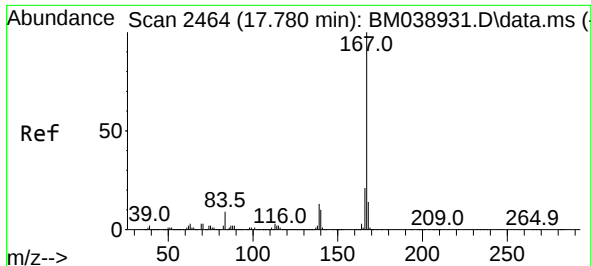
Tgt Ion:178 Resp: 4207795
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.7 12.5 18.7



#72
Anthracene
Concen: 47.119 ng
RT: 17.509 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:178 Resp: 4277328
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.5 18.7



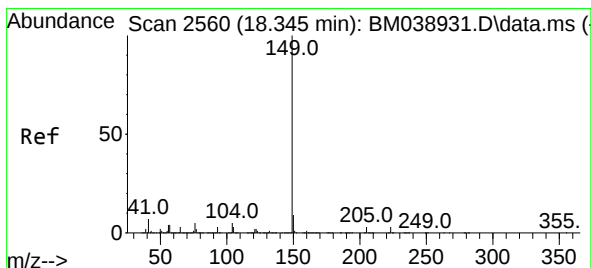
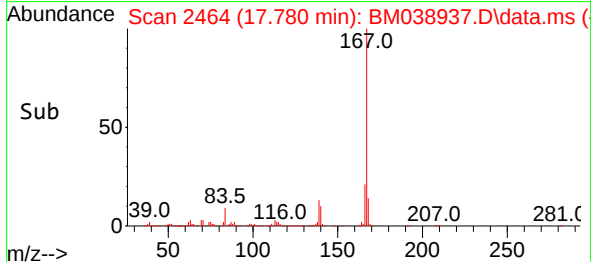
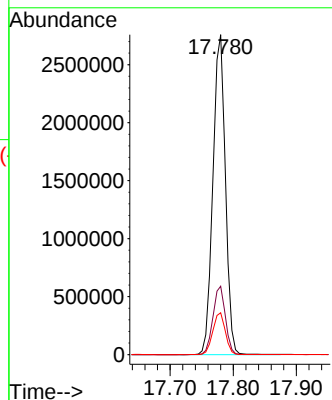
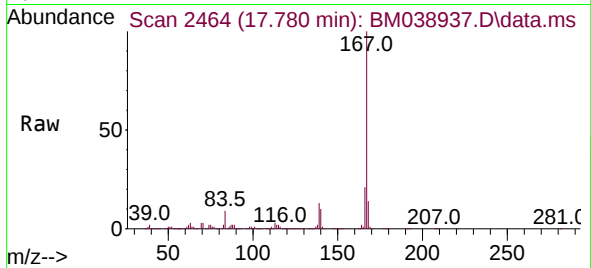


#73
 Carbazole
 Concen: 45.778 ng
 RT: 17.780 min Scan# 2464
 Delta R.T. 0.000 min
 Lab File: BM038937.D
 Acq: 08 Mar 2023 20:16

Instrument :
 BNA_M
 ClientSampleId :
 PB150937BS

Tgt Ion:167 Resp: 3792600

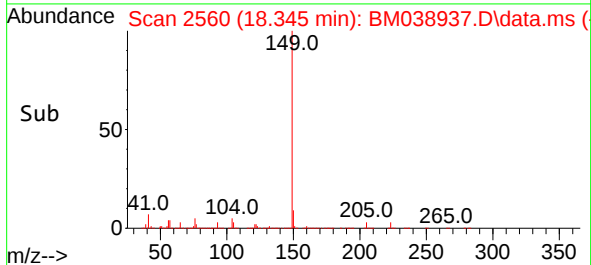
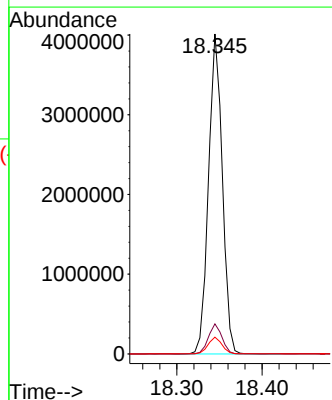
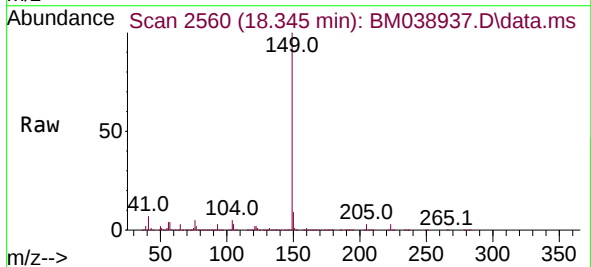
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	13.1	10.3	15.5

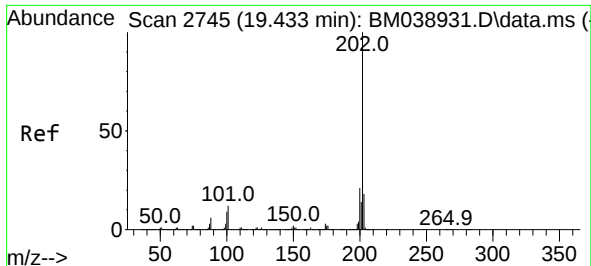


#74
 Di-n-butylphthalate
 Concen: 44.721 ng
 RT: 18.345 min Scan# 2560
 Delta R.T. -0.000 min
 Lab File: BM038937.D
 Acq: 08 Mar 2023 20:16

Tgt Ion:149 Resp: 4506159

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.2	4.3	6.5

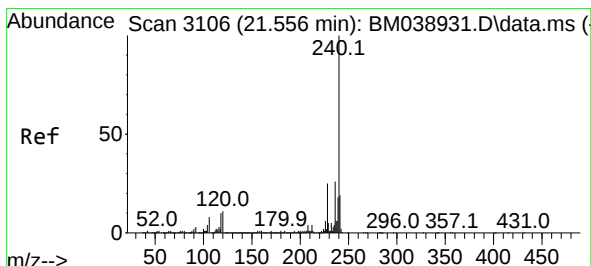
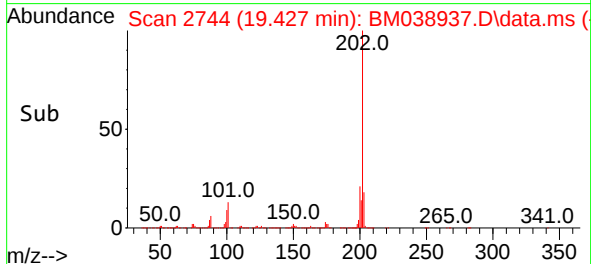
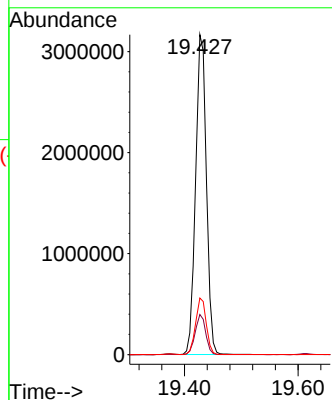
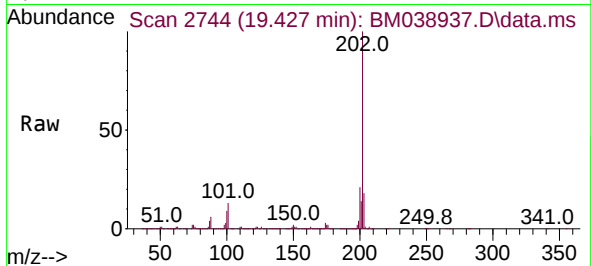




#75
Fluoranthene
Concen: 43.184 ng
RT: 19.427 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

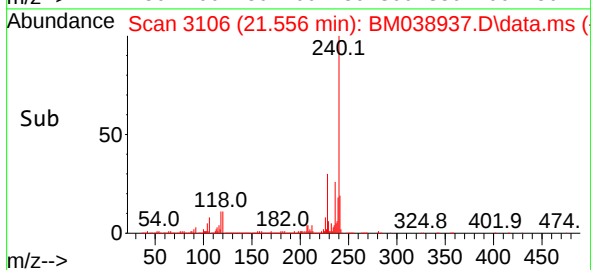
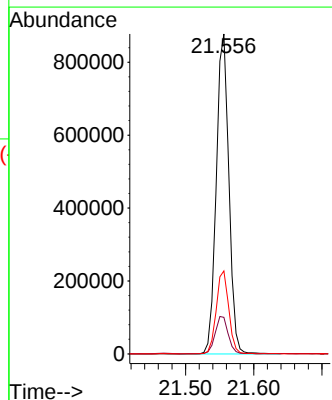
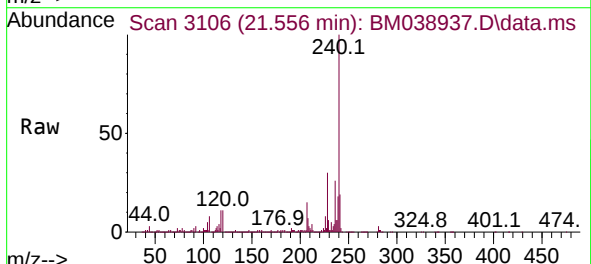
Instrument :
BNA_M
ClientSampleId :
PB150937BS

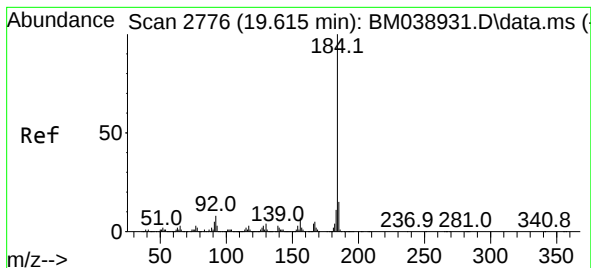
Tgt Ion:202 Resp: 4150441
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.7
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.556 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:240 Resp: 1121636
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.9 20.8 31.2





#77

Benzidine

Concen: 63.474 ng

RT: 19.615 min Scan# 2776

Delta R.T. 0.000 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

Instrument :

BNA_M

ClientSampleId :

PB150937BS

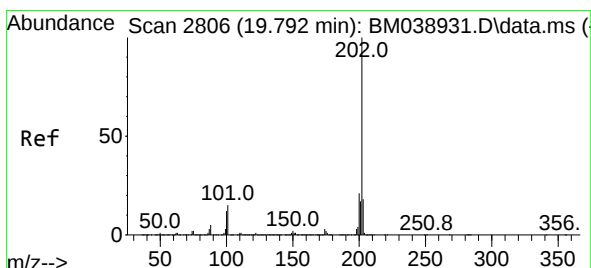
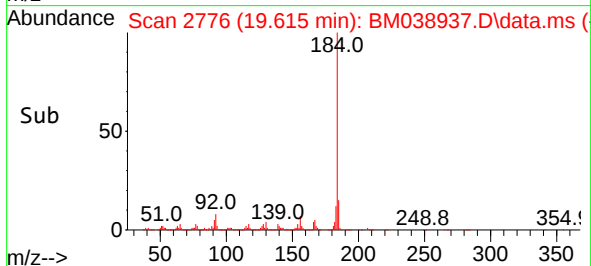
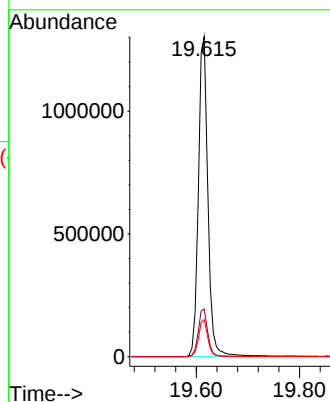
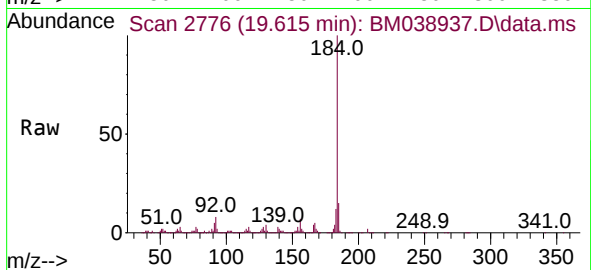
Tgt Ion:184 Resp: 1667579

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.4

183 11.5 8.8 13.2



#78

Pyrene

Concen: 52.567 ng

RT: 19.792 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

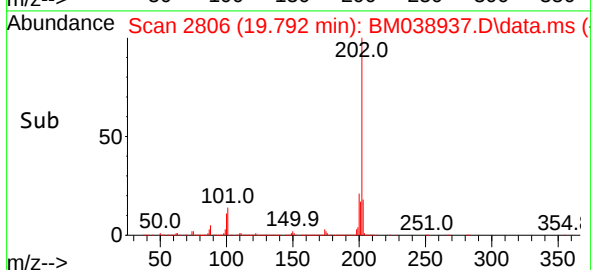
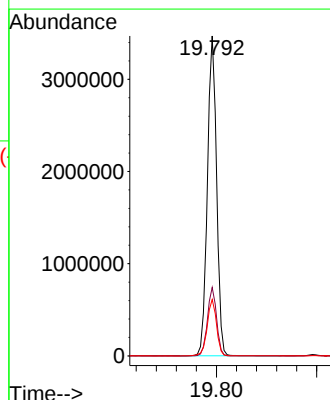
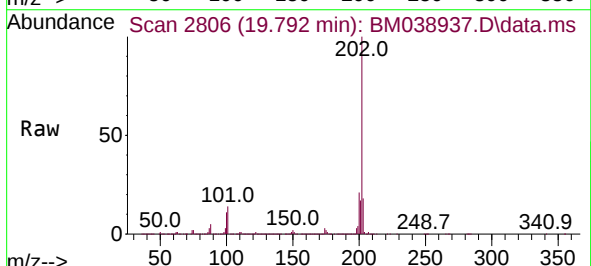
Tgt Ion:202 Resp: 4428422

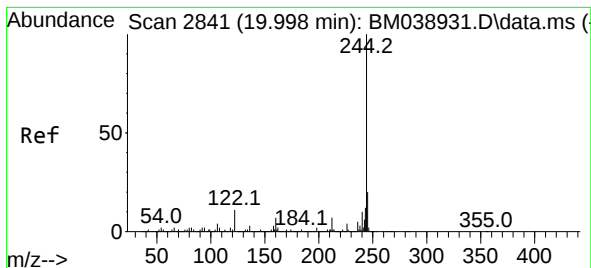
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 78.393 ng

RT: 19.992 min Scan# 2841

Delta R.T. -0.006 min

Lab File: BM038937.D

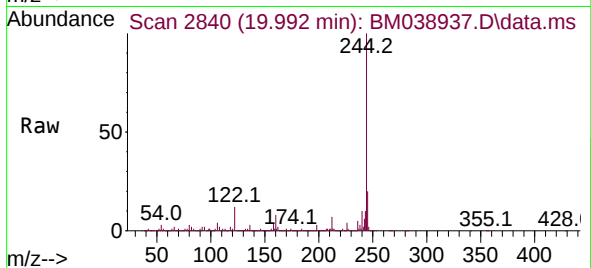
Acq: 08 Mar 2023 20:16

Instrument :

BNA_M

ClientSampleId :

PB150937BS



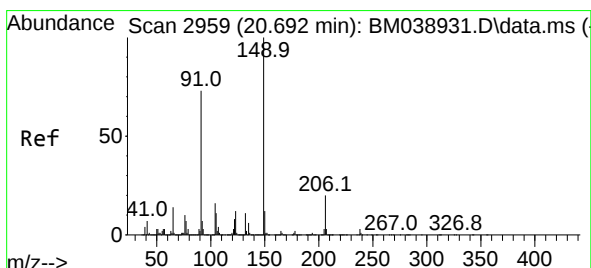
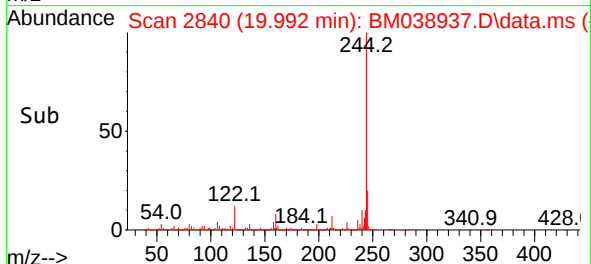
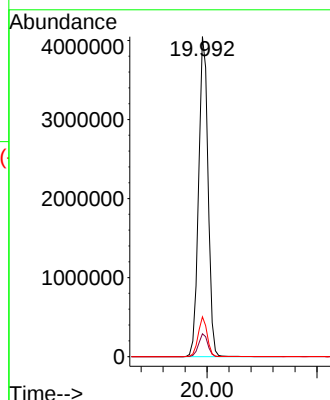
Tgt Ion:244 Resp: 4809213

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 12.4 9.0 13.4



#80

Butylbenzylphthalate

Concen: 47.084 ng

RT: 20.692 min Scan# 2959

Delta R.T. -0.000 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

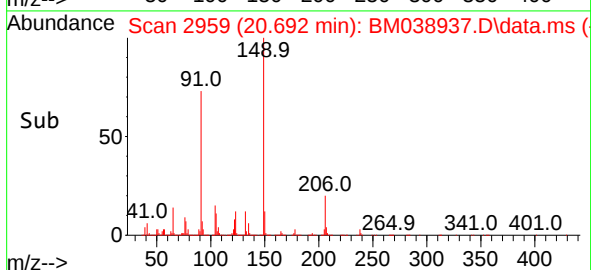
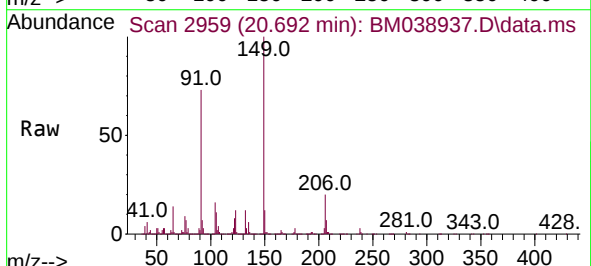
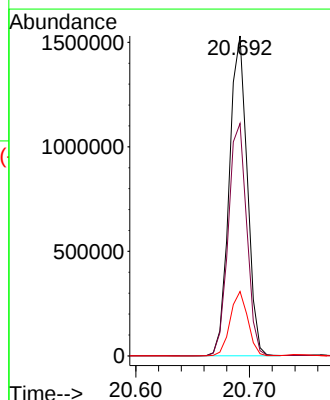
Tgt Ion:149 Resp: 1684160

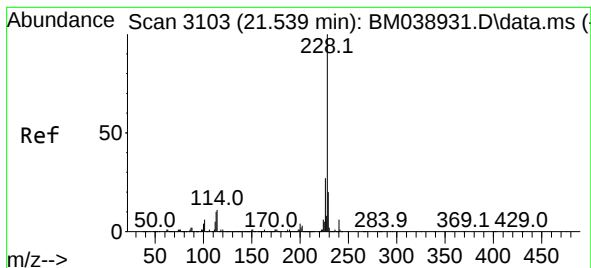
Ion Ratio Lower Upper

149 100

91 72.6 58.4 87.6

206 20.1 16.1 24.1





#81

Benzo(a)anthracene

Concen: 46.931 ng

RT: 21.539 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

Instrument :

BNA_M

ClientSampleId :

PB150937BS

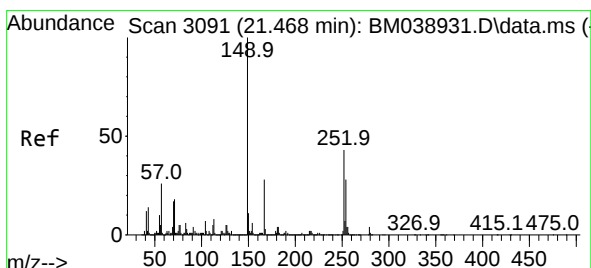
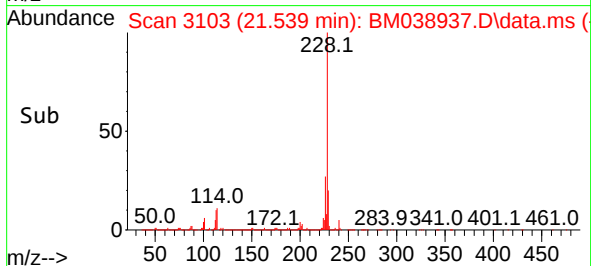
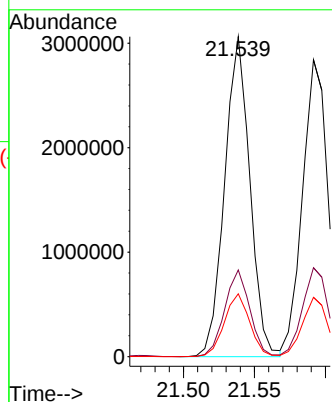
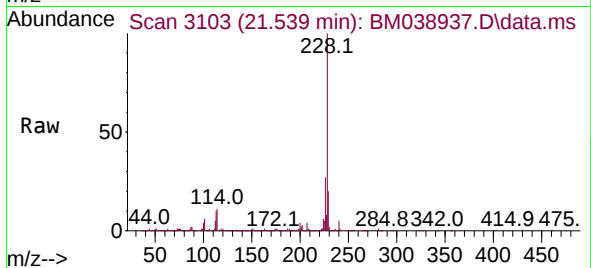
Tgt Ion:228 Resp: 3790823

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 31.890 ng

RT: 21.468 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

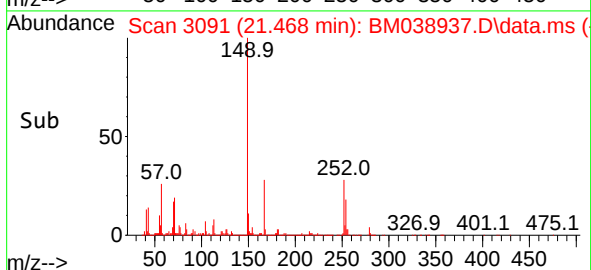
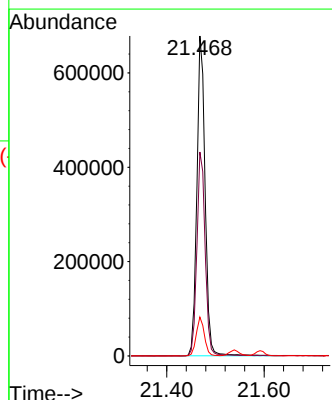
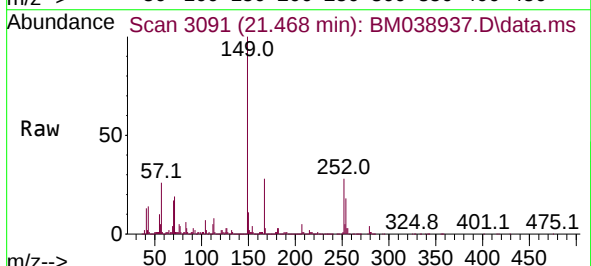
Tgt Ion:252 Resp: 791658

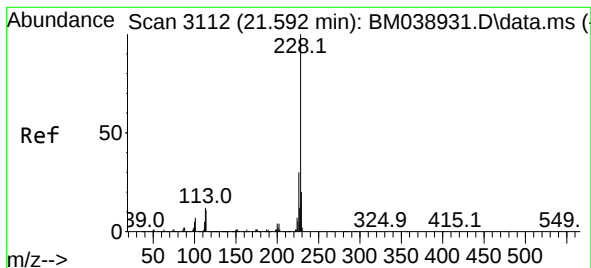
Ion Ratio Lower Upper

252 100

254 63.7 51.5 77.3

126 12.1 9.9 14.9





#83

Chrysene

Concen: 45.470 ng

RT: 21.592 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

Instrument :

BNA_M

ClientSampleId :

PB150937BS

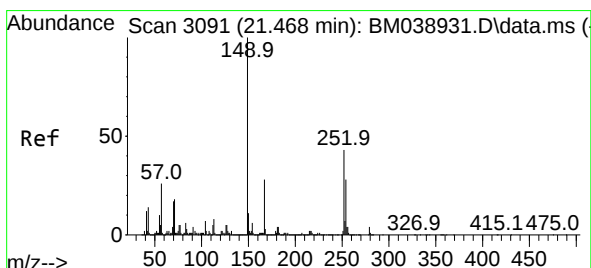
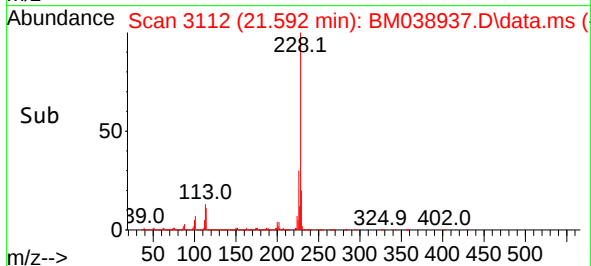
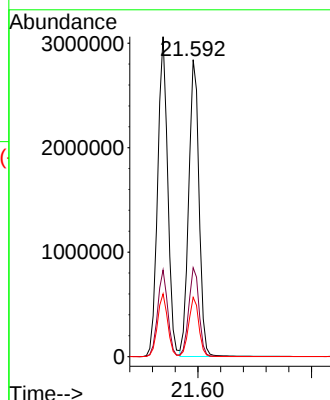
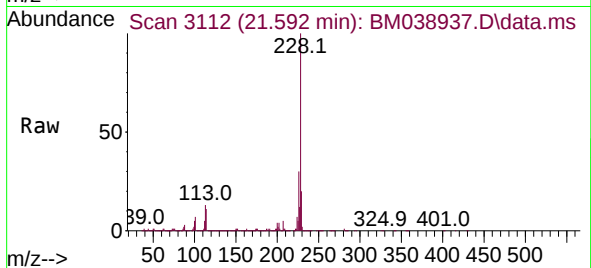
Tgt Ion:228 Resp: 3572139

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.425 ng

RT: 21.468 min Scan# 3091

Delta R.T. 0.000 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

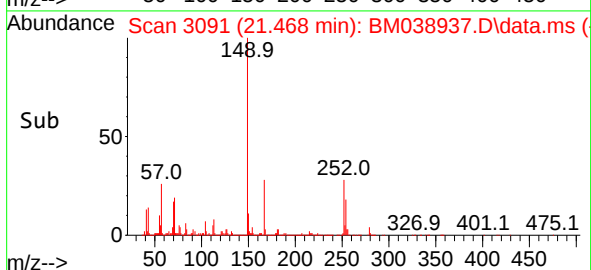
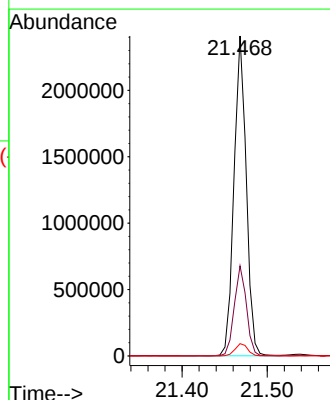
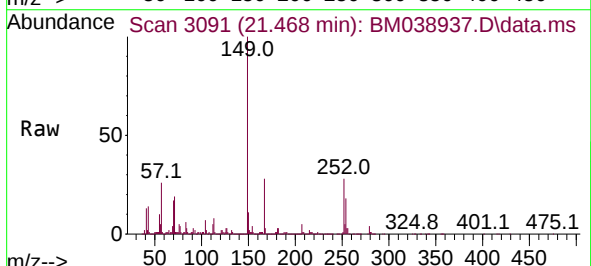
Tgt Ion:149 Resp: 2399976

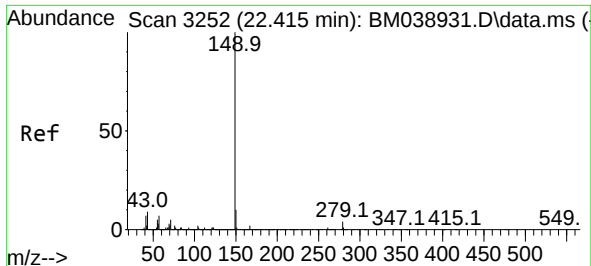
Ion Ratio Lower Upper

149 100

167 28.1 22.3 33.5

279 3.8 3.2 4.8

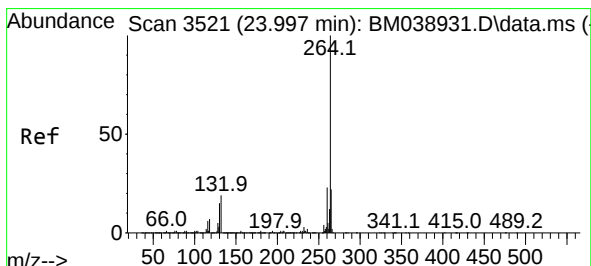
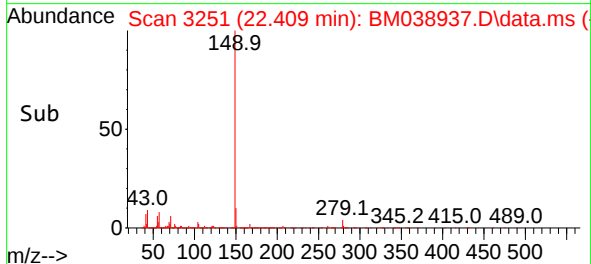
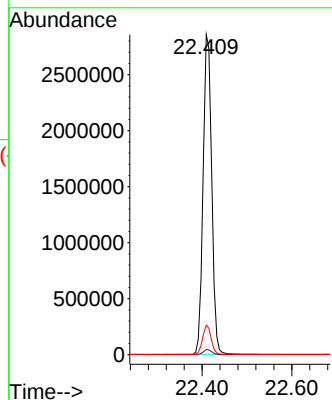
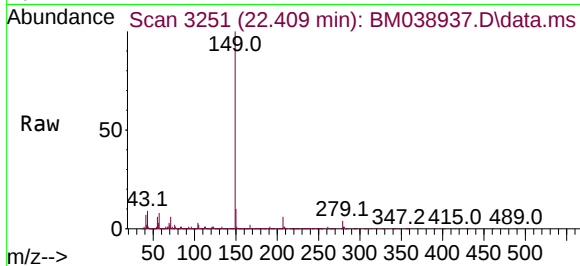




#85
Di-n-octyl phthalate
Concen: 44.588 ng
RT: 22.409 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

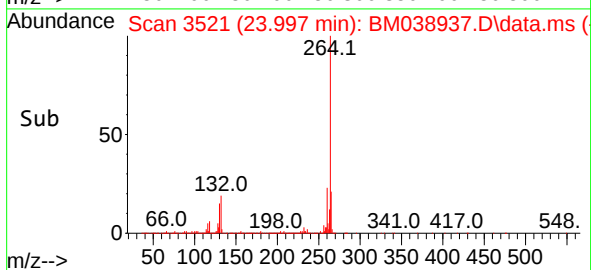
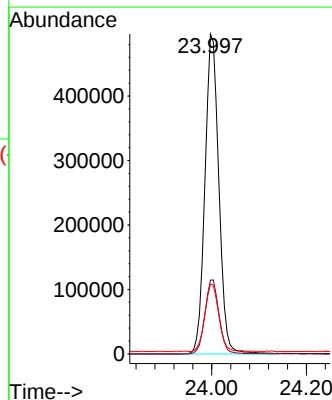
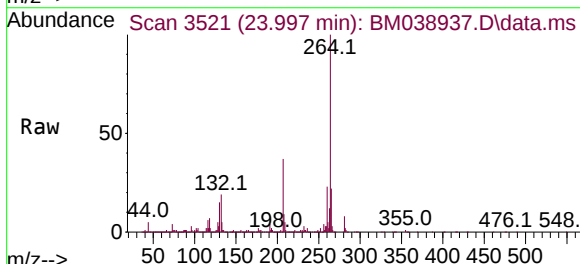
Instrument :
BNA_M
ClientSampleId :
PB150937BS

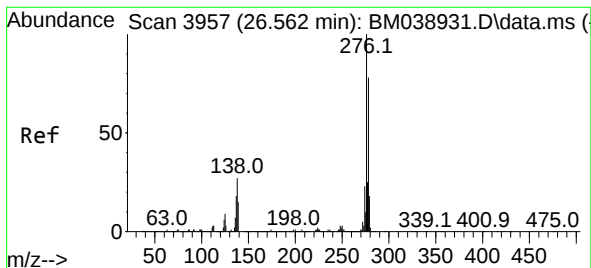
Tgt Ion:149 Resp: 3807080
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.2 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.997 min Scan# 3521
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:264 Resp: 1009021
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.8 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.210 ng

RT: 26.556 min Scan# 3956

Delta R.T. -0.006 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

Instrument :

BNA_M

ClientSampleId :

PB150937BS

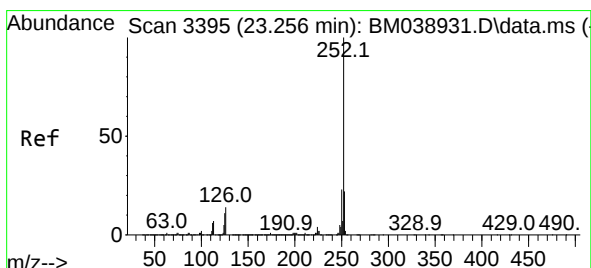
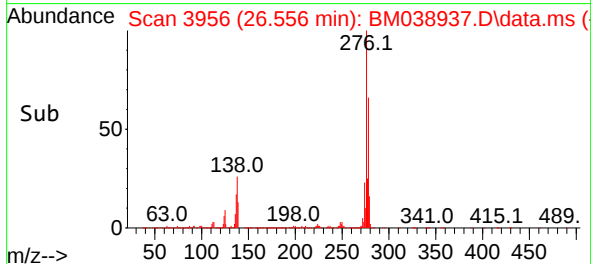
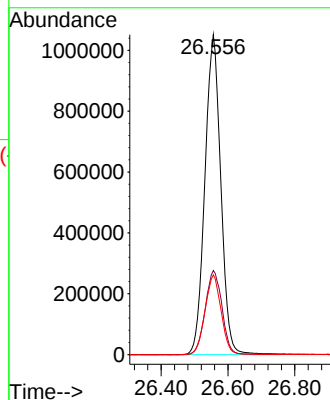
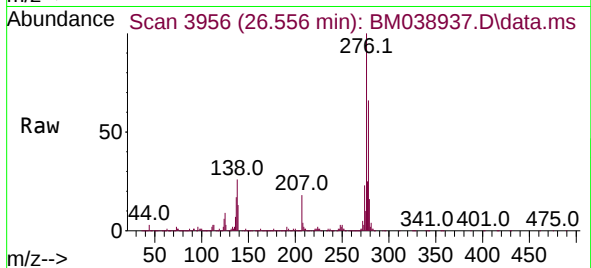
Tgt Ion:276 Resp: 3471203

Ion Ratio Lower Upper

276 100

138 27.7 22.1 33.1

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 51.925 ng

RT: 23.256 min Scan# 3395

Delta R.T. -0.000 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

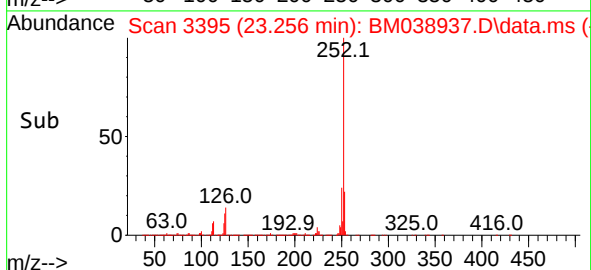
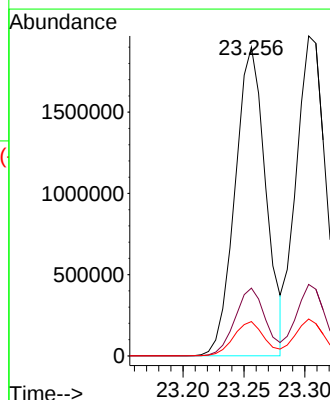
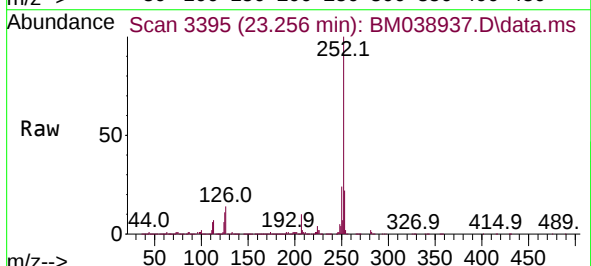
Tgt Ion:252 Resp: 3347267

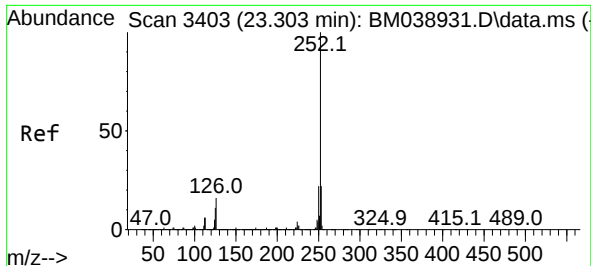
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.1 8.8 13.2

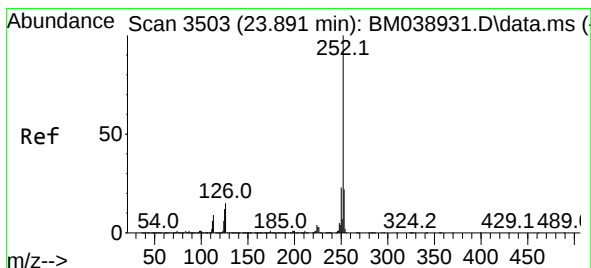
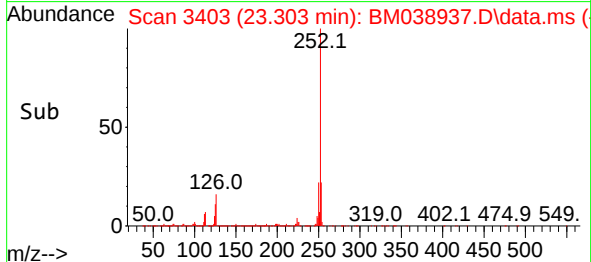
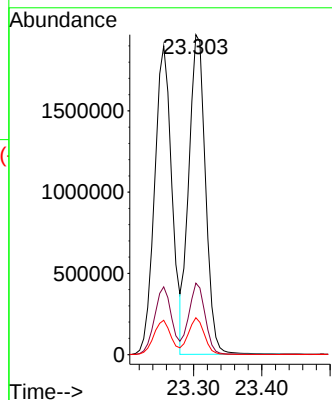
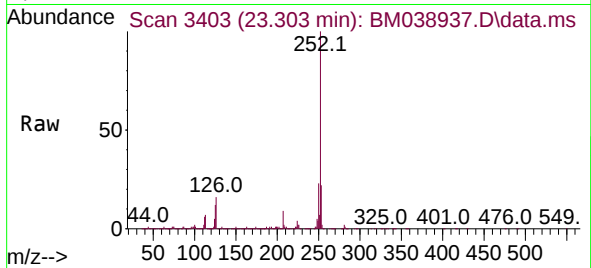




#89
Benzo(k)fluoranthene
Concen: 50.038 ng
RT: 23.303 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

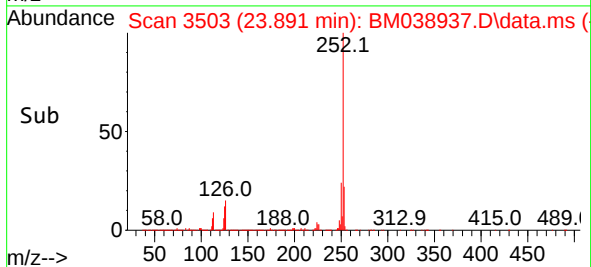
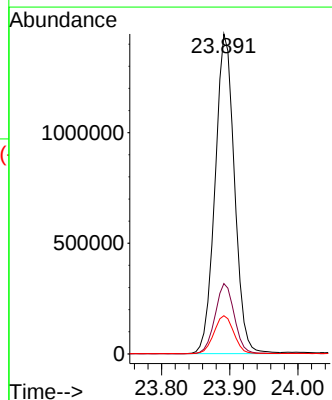
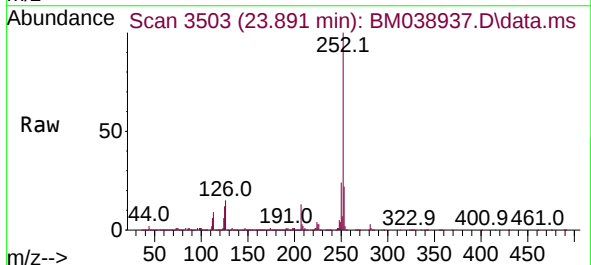
Instrument :
BNA_M
ClientSampleId :
PB150937BS

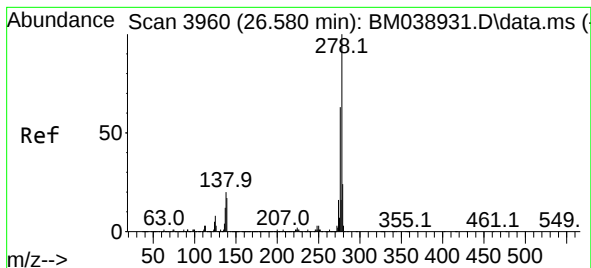
Tgt Ion:252 Resp: 3356906
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.5 8.9 13.3



#90
Benzo(a)pyrene
Concen: 45.841 ng
RT: 23.891 min Scan# 3503
Delta R.T. -0.000 min
Lab File: BM038937.D
Acq: 08 Mar 2023 20:16

Tgt Ion:252 Resp: 2843974
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.9 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 45.261 ng

RT: 26.574 min Scan# 39

Delta R.T. -0.006 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

Instrument :

BNA_M

ClientSampleId :

PB150937BS

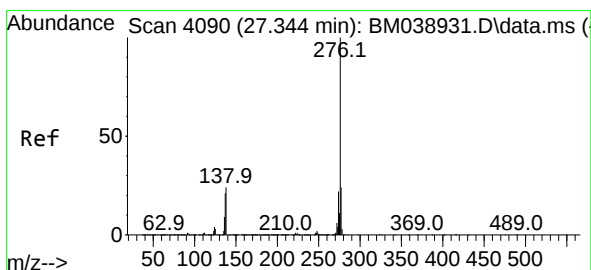
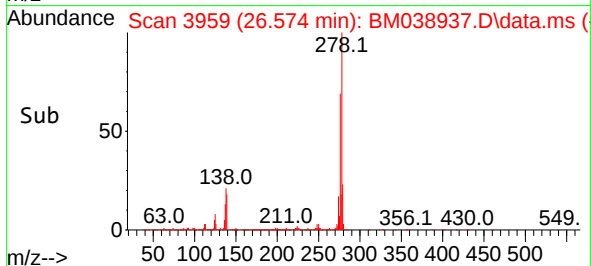
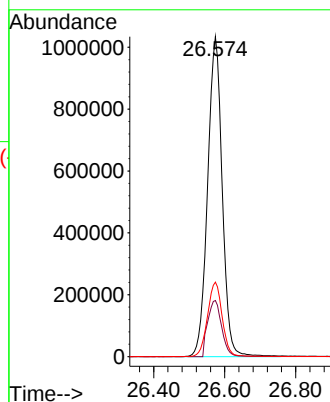
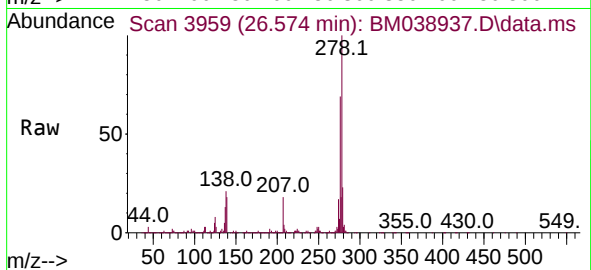
Tgt Ion:278 Resp: 2942997

Ion Ratio Lower Upper

278 100

139 17.5 13.7 20.5

279 23.3 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 43.835 ng

RT: 27.338 min Scan# 4089

Delta R.T. -0.006 min

Lab File: BM038937.D

Acq: 08 Mar 2023 20:16

Tgt Ion:276 Resp: 2788565

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 24.0 19.0 28.6

