

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038661.D
 Acq On : 02 Feb 2023 13:34
 Operator : CG/JU
 Sample : PB150597BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150597BS

Quant Time: Feb 03 05:33:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 03:31:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	67260	20.000	ng	-0.01
21) Naphthalene-d8	10.740	136	220700	20.000	ng	-0.01
39) Acenaphthene-d10	14.569	164	152225	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	297631	20.000	ng	-0.01
76) Chrysene-d12	21.492	240	220244	20.000	ng	0.00
86) Perylene-d12	23.886	264	258883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	348003	101.354	ng	0.00
7) Phenol-d6	7.116	99	387236	98.884	ng	0.00
23) Nitrobenzene-d5	9.110	82	242041	62.293	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	211027	101.991	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	805428	67.360	ng	-0.01
79) Terphenyl-d14	19.927	244	909484	72.871	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	55373	36.582	ng	98
3) Pyridine	3.758	79	125479	34.861	ng	97
4) n-Nitrosodimethylamine	3.669	42	60215	37.057	ng	# 90
6) Aniline	7.263	93	160166	32.788	ng	98
8) 2-Chlorophenol	7.499	128	165382	44.142	ng	98
9) Benzaldehyde	7.075	77	85693	49.648	ng	95
10) Phenol	7.146	94	167985	42.461	ng	96
11) bis(2-Chloroethyl)ether	7.357	93	129720	40.488	ng	97
12) 1,3-Dichlorobenzene	7.816	146	216386	45.203	ng	98
13) 1,4-Dichlorobenzene	7.969	146	216020	44.715	ng	98
14) 1,2-Dichlorobenzene	8.287	146	211688	45.739	ng	98
15) Benzyl Alcohol	8.187	79	118066	40.962	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	111027	36.585	ng	98
17) 2-Methylphenol	8.399	107	117590	38.751	ng	98
18) Hexachloroethane	9.004	117	71681	45.943	ng	96
19) n-Nitroso-di-n-propyla...	8.746	70	95063	40.273	ng	94
20) 3+4-Methylphenols	8.728	107	159143	39.334	ng	98
22) Acetophenone	8.769	105	220296	41.856	ng	# 98
24) Nitrobenzene	9.151	77	155929	39.538	ng	93
25) Isophorone	9.675	82	268280	39.414	ng	99
26) 2-Nitrophenol	9.857	139	95985	43.738	ng	95
27) 2,4-Dimethylphenol	9.928	122	139937	44.196	ng	99
28) bis(2-Chloroethoxy)met...	10.157	93	167588	40.288	ng	98
29) 2,4-Dichlorophenol	10.404	162	195197	43.392	ng	99
30) 1,2,4-Trichlorobenzene	10.604	180	210777	44.049	ng	97
31) Naphthalene	10.792	128	475400	41.977	ng	99
32) Benzoic acid	10.081	122	82290	32.106	ng	96
33) 4-Chloroaniline	10.916	127	65996	13.297	ng	95
34) Hexachlorobutadiene	11.063	225	113444	47.327	ng	99
35) Caprolactam	11.710	113	36152	37.316	ng	89
36) 4-Chloro-3-methylphenol	12.051	107	133425	40.112	ng	95
37) 2-Methylnaphthalene	12.398	142	370369	40.468	ng	98
38) 1-Methylnaphthalene	12.616	142	342719	39.740	ng	98
40) 1,2,4,5-Tetrachloroben...	12.763	216	185024	46.703	ng	99
41) Hexachlorocyclopentadiene	12.734	237	291531	118.587	ng	100
43) 2,4,6-Trichlorophenol	13.016	196	138944	44.643	ng	95

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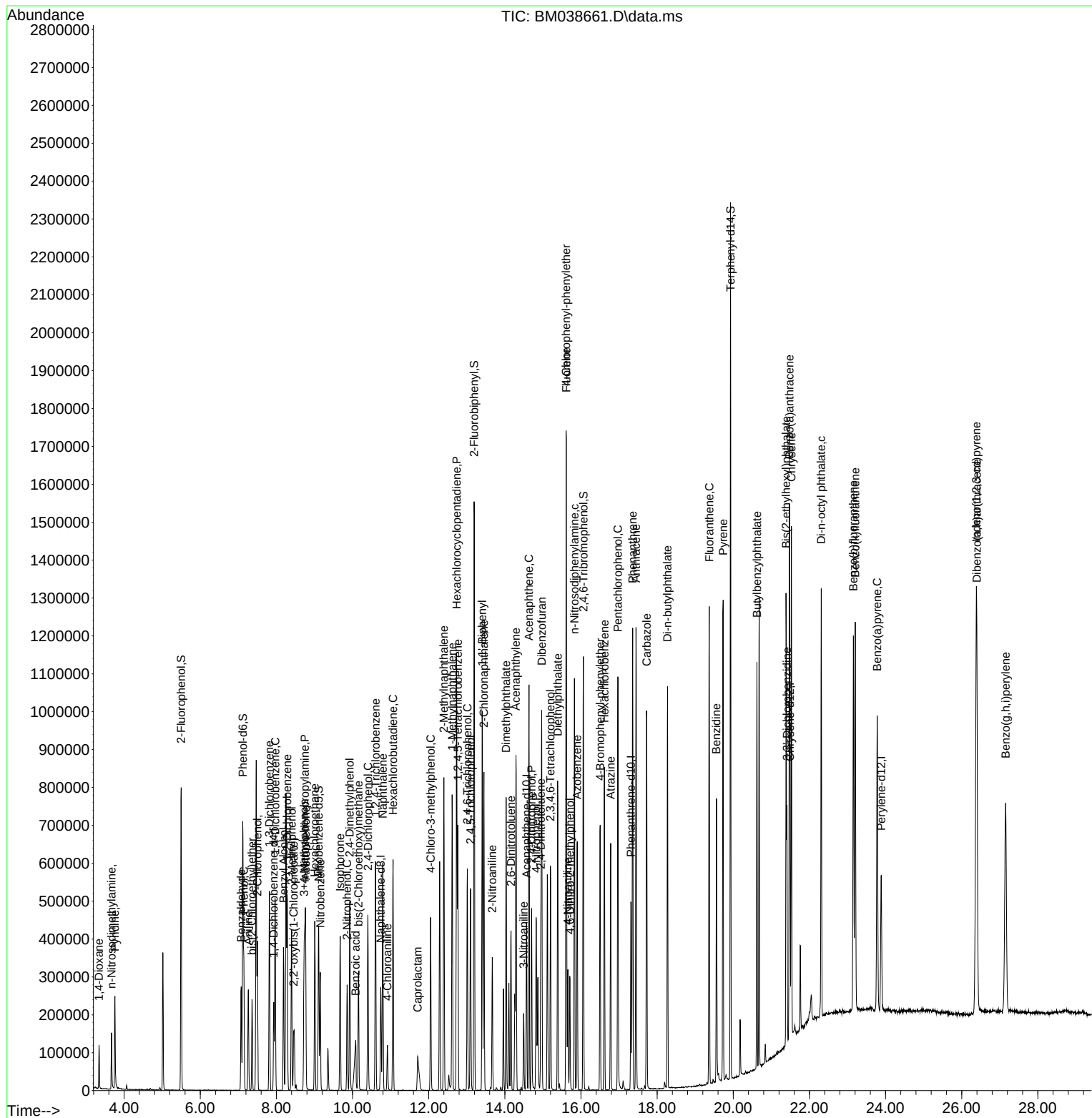
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	146311	39.948	ng	97
46) 1,1'-Biphenyl	13.404	154	526731	43.682	ng	99
47) 2-Chloronaphthalene	13.451	162	429365	45.251	ng	99
48) 2-Nitroaniline	13.669	65	75609	35.882	ng	94
49) Acenaphthylene	14.292	152	634517	42.456	ng	99
50) Dimethylphthalate	14.033	163	500055	40.254	ng	99
51) 2,6-Dinitrotoluene	14.163	165	104210	41.274	ng	98
52) Acenaphthene	14.633	154	375103	42.034	ng	98
53) 3-Nitroaniline	14.492	138	56731	22.370	ng	99
54) 2,4-Dinitrophenol	14.704	184	118844	72.316	ng	89
55) Dibenzofuran	14.969	168	633861	41.248	ng	98
56) 4-Nitrophenol	14.822	139	147443	72.813	ng	92
57) 2,4-Dinitrotoluene	14.945	165	139516	37.807	ng	94
58) Fluorene	15.616	166	503057	41.373	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	109344	42.895	ng	95
60) Diethylphthalate	15.386	149	467862	39.756	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	224165	43.457	ng	96
62) 4-Nitroaniline	15.657	138	82000	30.916	ng	97
63) Azobenzene	15.898	77	340185	37.572	ng	99
65) 4,6-Dinitro-2-methylph...	15.710	198	72010	38.433	ng	95
66) n-Nitrosodiphenylamine	15.827	169	409266	42.113	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	129200	44.958	ng	98
68) Hexachlorobenzene	16.616	284	166954	47.536	ng	96
69) Atrazine	16.780	200	129849	46.100	ng	97
70) Pentachlorophenol	16.969	266	184013	71.872	ng	99
71) Phenanthrene	17.357	178	730175	41.317	ng	98
72) Anthracene	17.445	178	748499	41.401	ng	99
73) Carbazole	17.721	167	662459	39.289	ng	99
74) Di-n-butylphthalate	18.274	149	786338	41.278	ng	99
75) Fluoranthene	19.368	202	724722	39.058	ng	99
77) Benzidine	19.557	184	452270	67.030	ng	99
78) Pyrene	19.733	202	761725	44.922	ng	99
80) Butylbenzylphthalate	20.621	149	330103	39.465	ng	97
81) Benzo(a)anthracene	21.474	228	647846	41.584	ng	99
82) 3,3'-Dichlorobenzidine	21.409	252	165631	30.902	ng	99
83) Chrysene	21.527	228	610900	40.698	ng	99
84) Bis(2-ethylhexyl)phtha...	21.386	149	477193	39.133	ng	97
85) Di-n-octyl phthalate	22.309	149	818328	40.999	ng	99
87) Indeno(1,2,3-cd)pyrene	26.386	276	888236	43.560	ng	97
88) Benzo(b)fluoranthene	23.156	252	705362	45.489	ng	99
89) Benzo(k)fluoranthene	23.203	252	681173	43.260	ng	99
90) Benzo(a)pyrene	23.780	252	601062	39.198	ng	98
91) Dibenzo(a,h)anthracene	26.397	278	739037	43.078	ng	98
92) Benzo(g,h,i)perylene	27.156	276	729505	42.066	ng	97

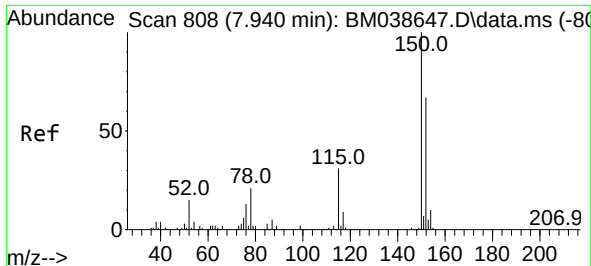
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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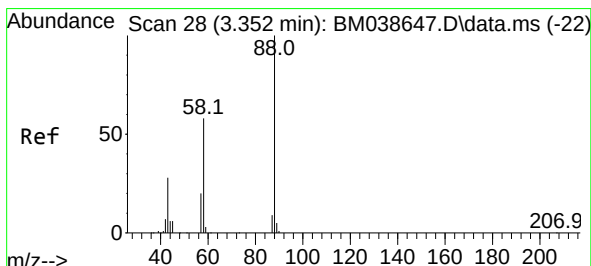
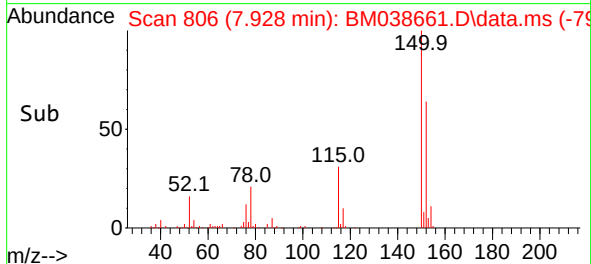
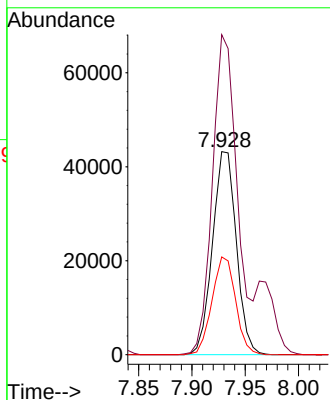
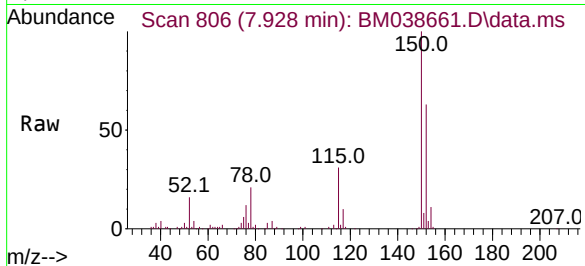




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM038661.D
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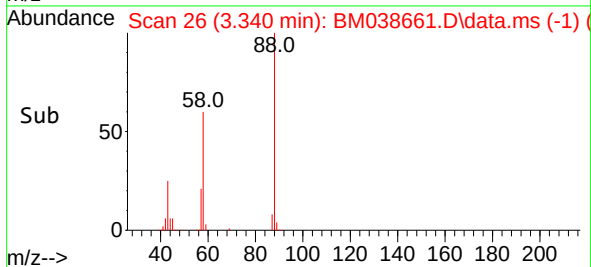
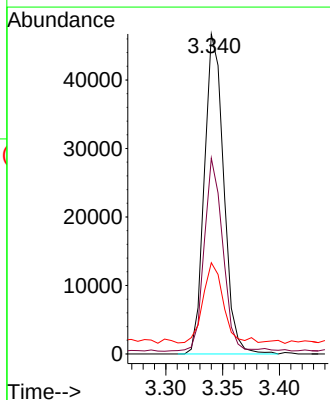
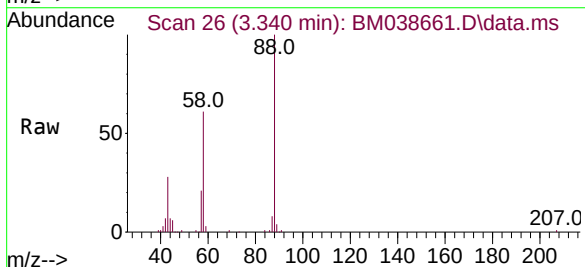
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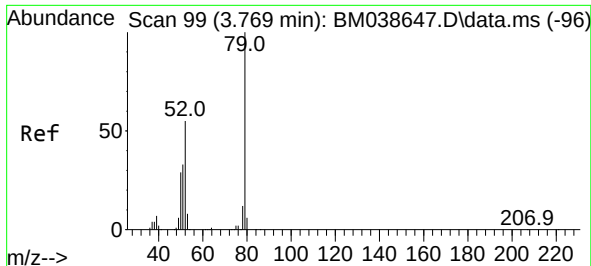
Tgt Ion:152 Resp: 67260
Ion Ratio Lower Upper
152 100
150 157.6 119.5 179.3
115 48.2 37.6 56.4



#2
1,4-Dioxane
Concen: 36.582 ng
RT: 3.340 min Scan# 26
Delta R.T. -0.012 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion: 88 Resp: 55373
Ion Ratio Lower Upper
88 100
58 57.8 47.0 70.4
43 26.3 22.6 33.8

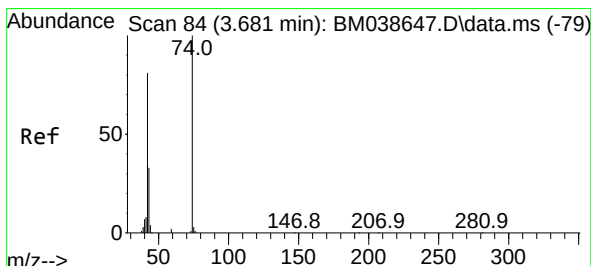
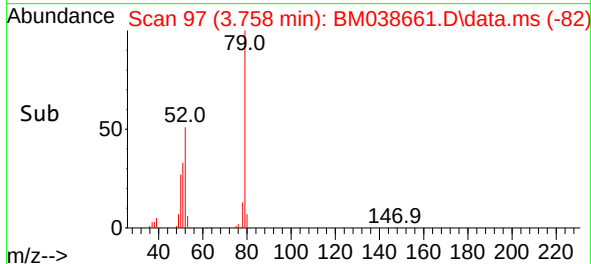
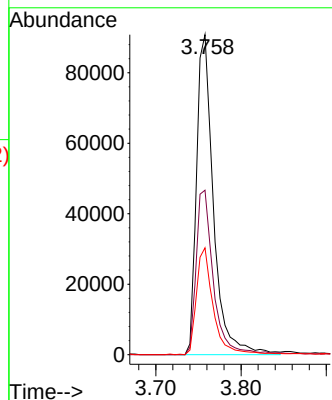
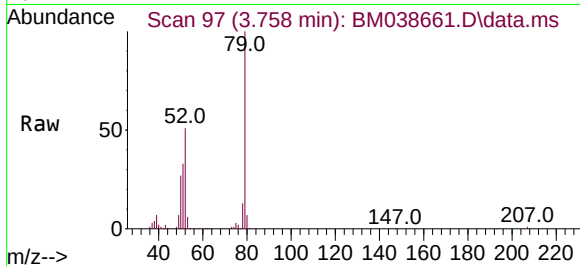




#3
Pyridine
Concen: 34.861 ng
RT: 3.758 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

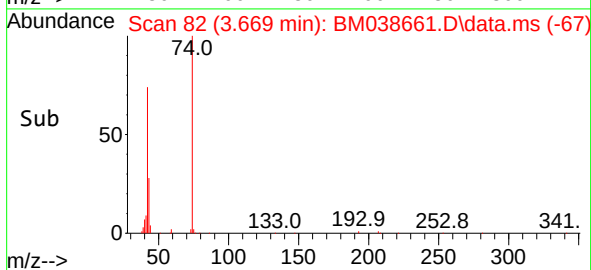
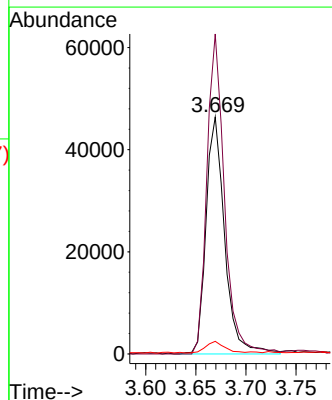
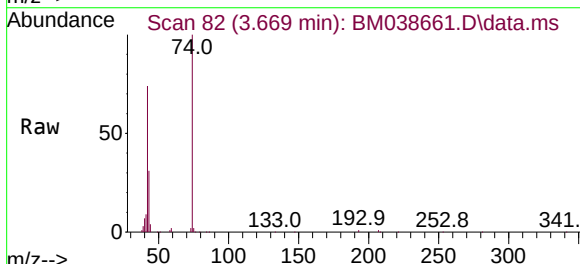
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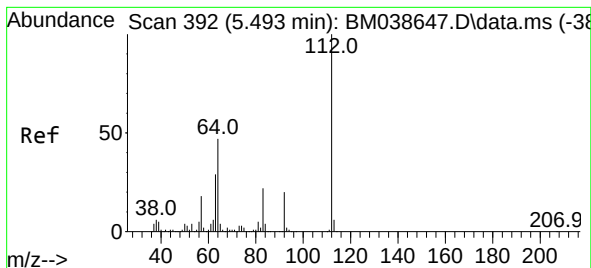
Tgt Ion: 79 Resp: 125479
Ion Ratio Lower Upper
79 100
52 51.4 43.7 65.5
51 33.4 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 37.057 ng
RT: 3.669 min Scan# 82
Delta R.T. -0.012 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion: 42 Resp: 60215
Ion Ratio Lower Upper
42 100
74 135.0 98.4 147.6
44 5.3 3.5 5.3

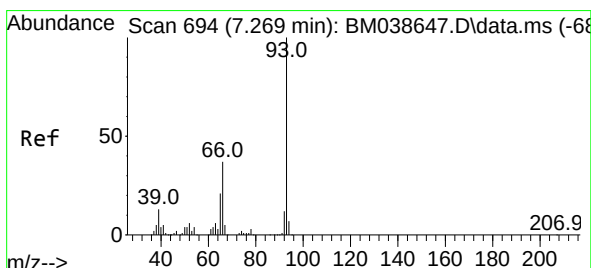
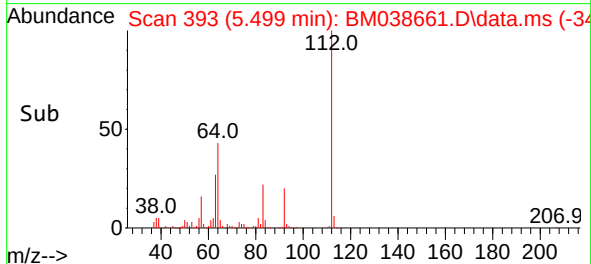
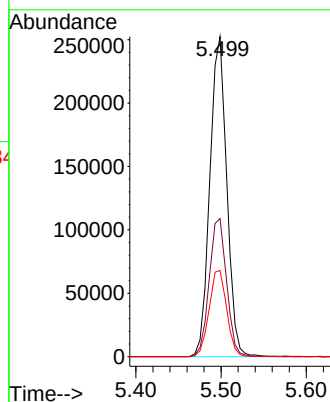
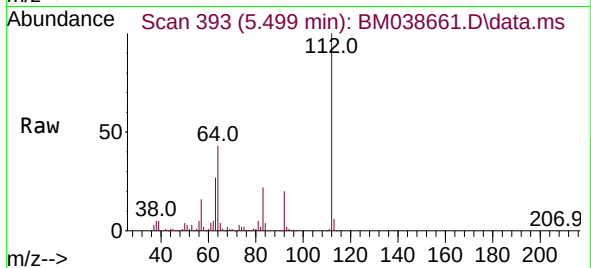




#5
2-Fluorophenol
Concen: 101.354 ng
RT: 5.499 min Scan# 392
Delta R.T. 0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

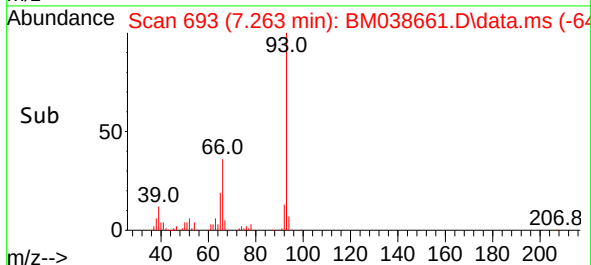
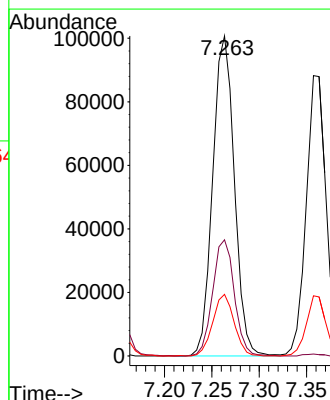
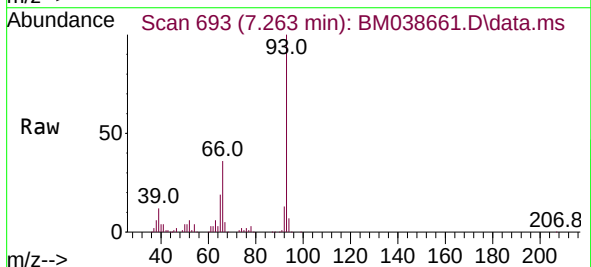
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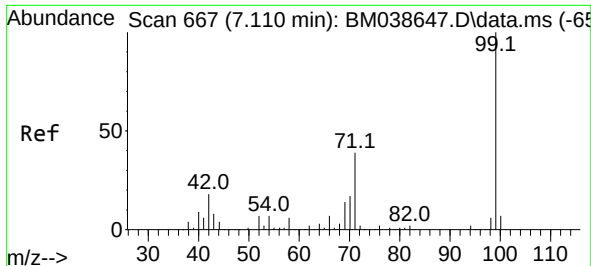
Tgt Ion:112 Resp: 348003
Ion Ratio Lower Upper
112 100
64 43.2 37.9 56.9
63 26.9 23.3 34.9



#6
Aniline
Concen: 32.788 ng
RT: 7.263 min Scan# 693
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion: 93 Resp: 160166
Ion Ratio Lower Upper
93 100
66 36.3 29.8 44.8
65 19.3 16.9 25.3

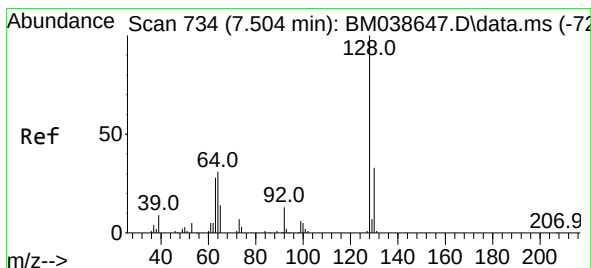
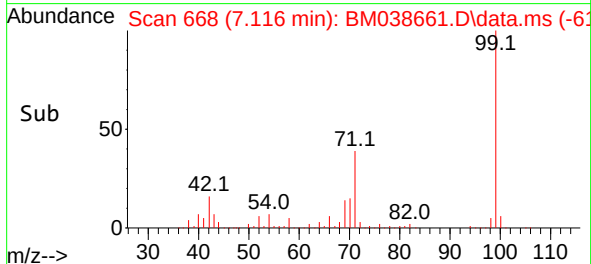
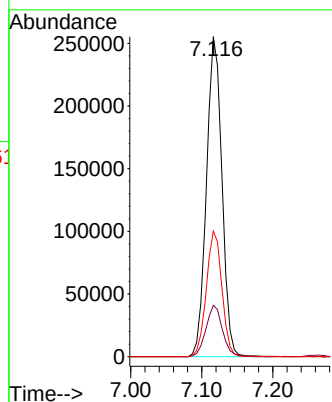
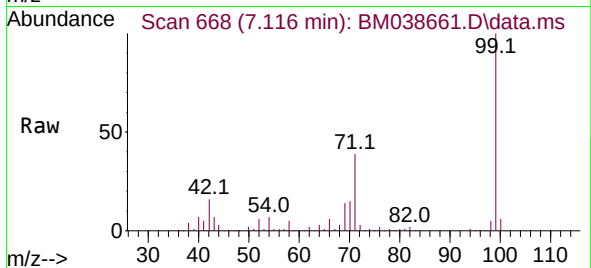




#7
Phenol-d6
Concen: 98.884 ng
RT: 7.116 min Scan# 668
Delta R.T. 0.006 min
Lab File: BM038661.D
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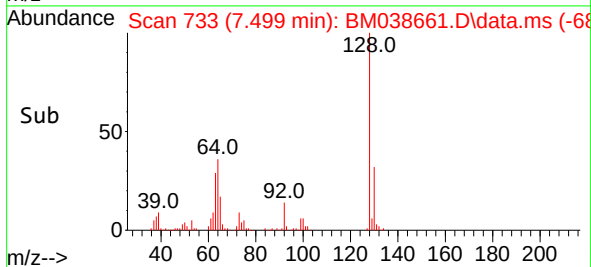
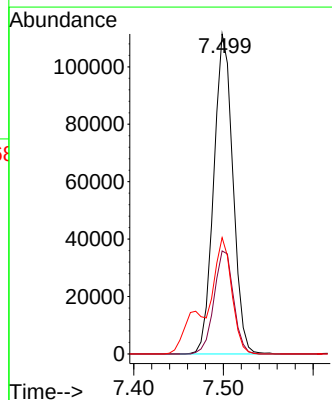
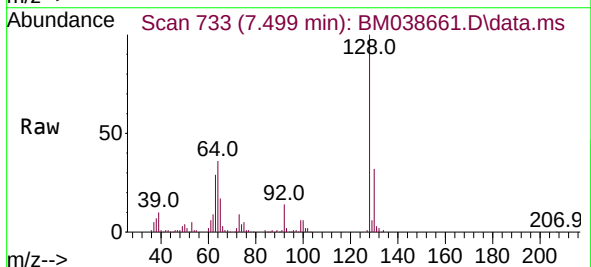
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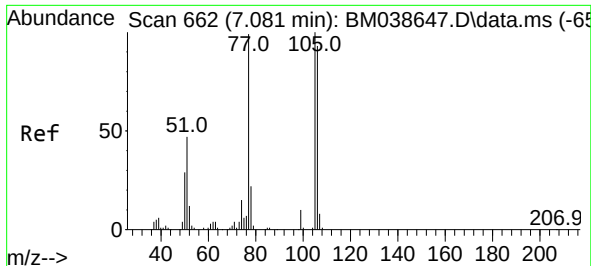
Tgt Ion: 99 Resp: 387236
Ion Ratio Lower Upper
99 100
42 16.0 14.6 22.0
71 39.2 31.0 46.4



#8
2-Chlorophenol
Concen: 44.142 ng
RT: 7.499 min Scan# 733
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion: 128 Resp: 165382
Ion Ratio Lower Upper
128 100
130 32.2 13.2 53.2
64 36.3 17.3 57.3

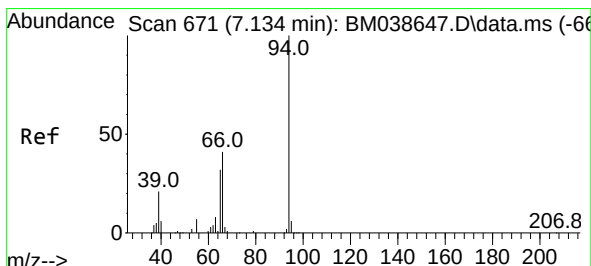
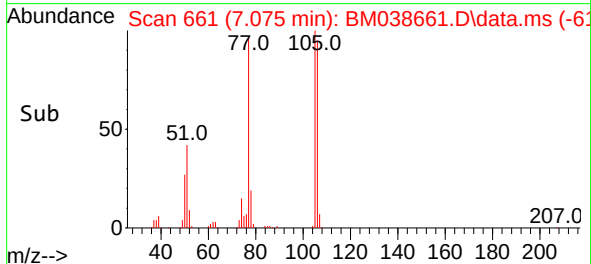
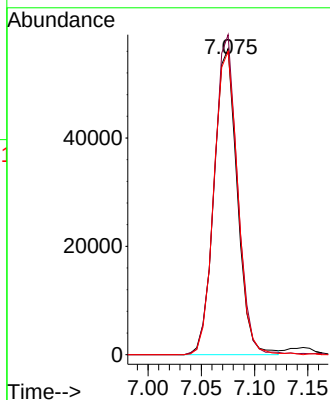
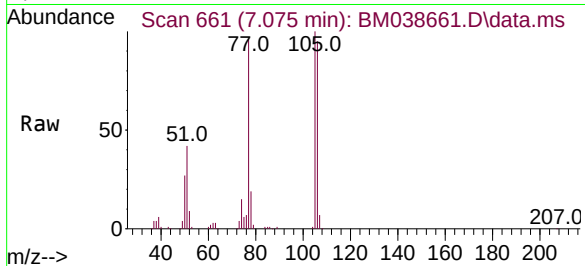




#9
Benzaldehyde
Concen: 49.648 ng
RT: 7.075 min Scan# 60
Delta R.T. -0.006 min
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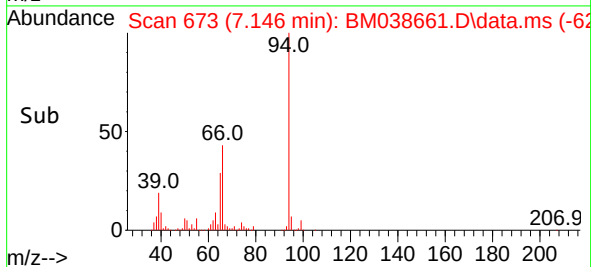
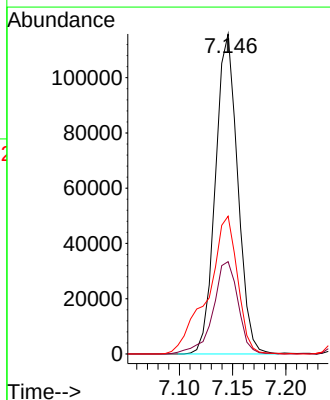
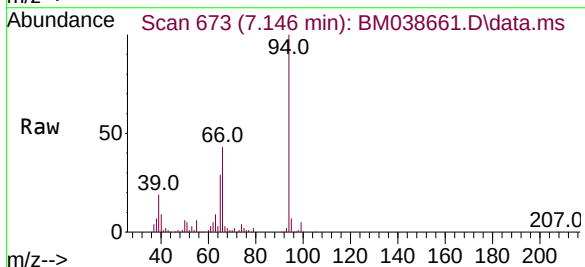
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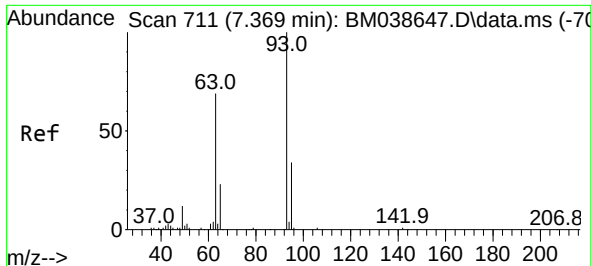
Tgt Ion: 77 Resp: 85693
Ion Ratio Lower Upper
77 100
105 104.5 80.8 120.8
106 99.1 73.8 113.8



#10
Phenol
Concen: 42.461 ng
RT: 7.146 min Scan# 673
Delta R.T. 0.012 min
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Tgt Ion: 94 Resp: 167985
Ion Ratio Lower Upper
94 100
65 28.9 12.3 52.3
66 43.0 24.2 64.2

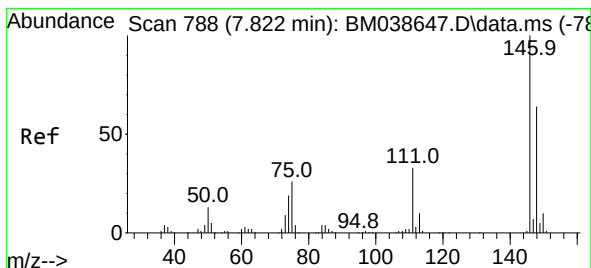
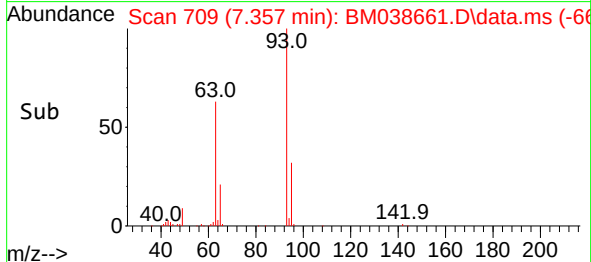
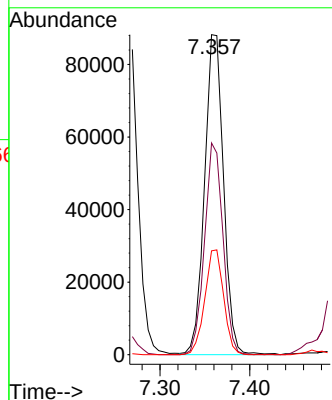
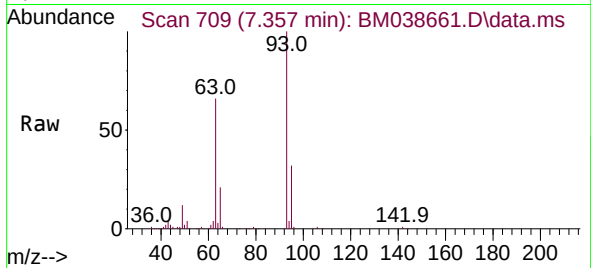




#11
bis(2-Chloroethyl)ether
Concen: 40.488 ng
RT: 7.357 min Scan# 709
Delta R.T. -0.012 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

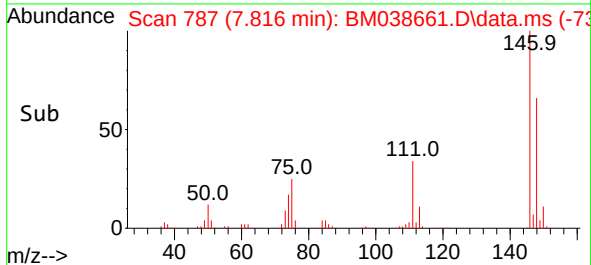
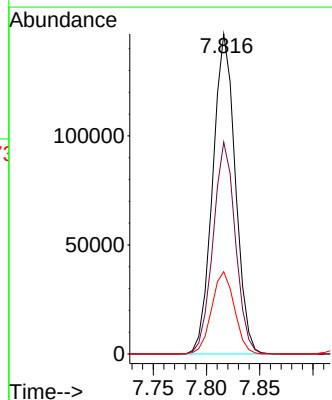
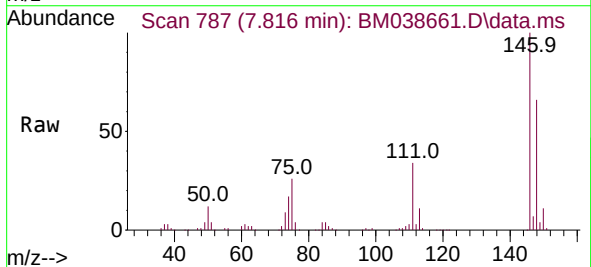
Instrument :
BNA_M
ClientSampleId :
PB150597BS

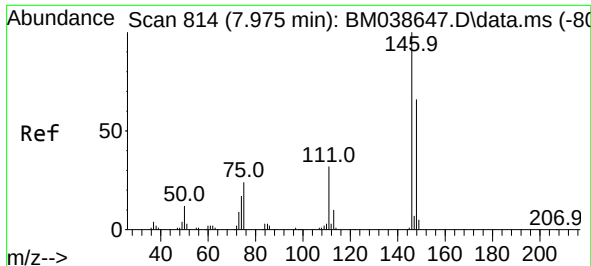
Tgt Ion: 93 Resp: 129720
Ion Ratio Lower Upper
93 100
63 66.1 48.5 88.5
95 32.5 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 45.203 ng
RT: 7.816 min Scan# 787
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion: 146 Resp: 216386
Ion Ratio Lower Upper
146 100
148 66.2 51.5 77.3
75 25.7 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 44.715 ng

RT: 7.969 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

Instrument :

BNA_M

ClientSampleId :

PB150597BS

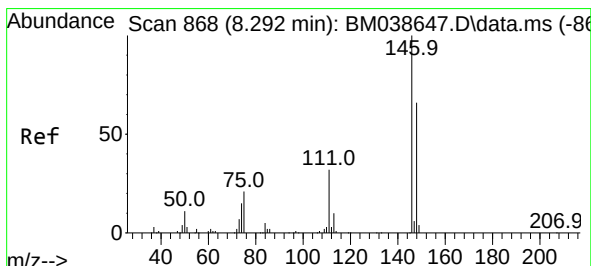
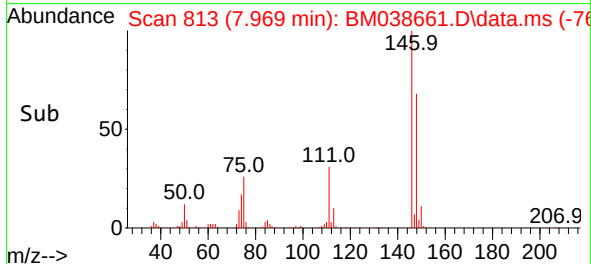
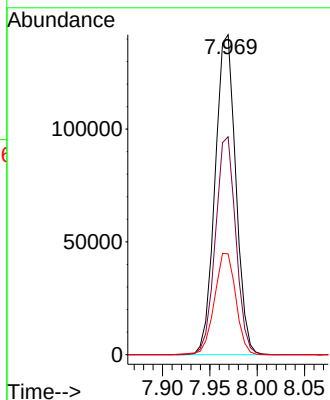
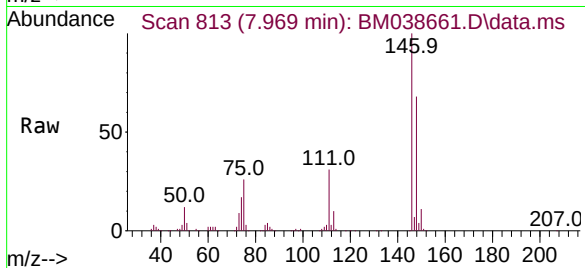
Tgt Ion:146 Resp: 216020

Ion Ratio Lower Upper

146 100

148 68.1 53.1 79.7

111 31.5 25.9 38.9



#14

1,2-Dichlorobenzene

Concen: 45.739 ng

RT: 8.287 min Scan# 867

Delta R.T. -0.006 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

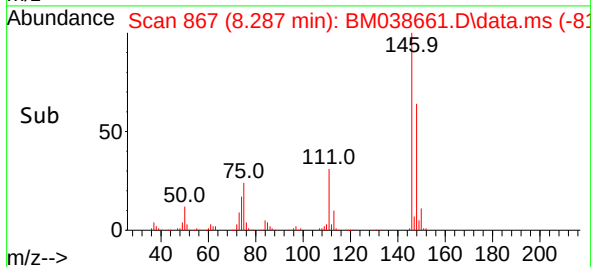
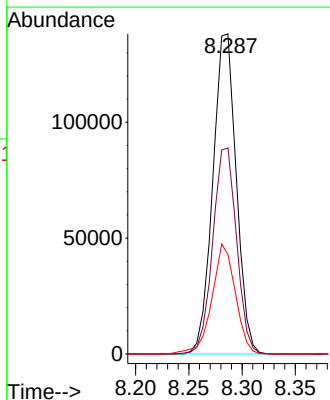
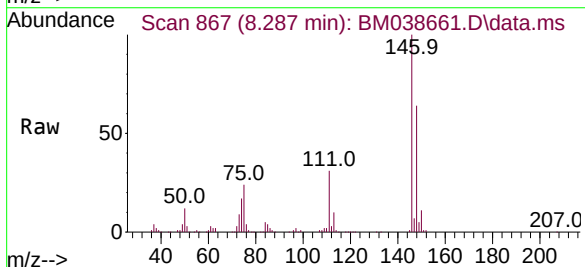
Tgt Ion:146 Resp: 211688

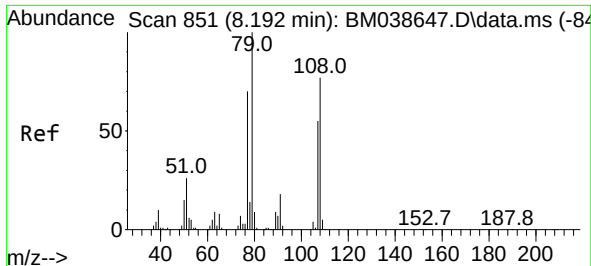
Ion Ratio Lower Upper

146 100

148 64.4 52.9 79.3

111 31.0 26.2 39.2

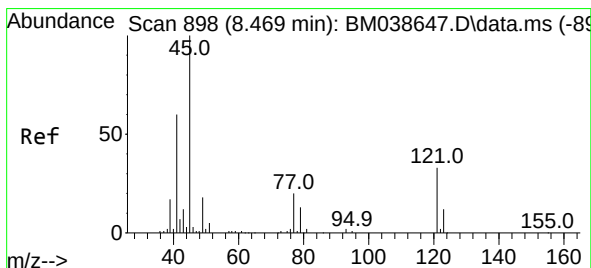
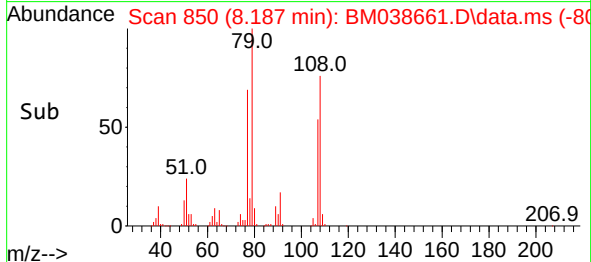
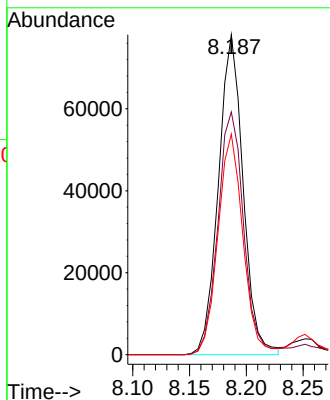
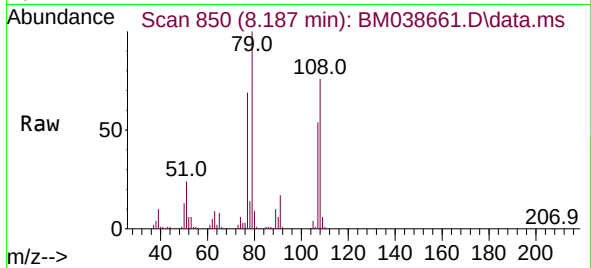




#15
Benzyl Alcohol
Concen: 40.962 ng
RT: 8.187 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

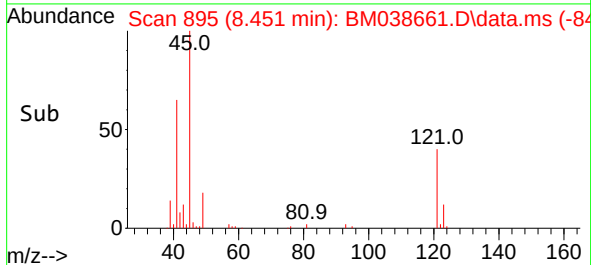
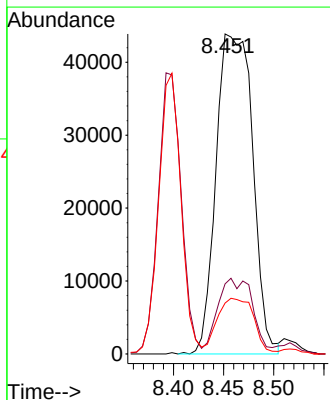
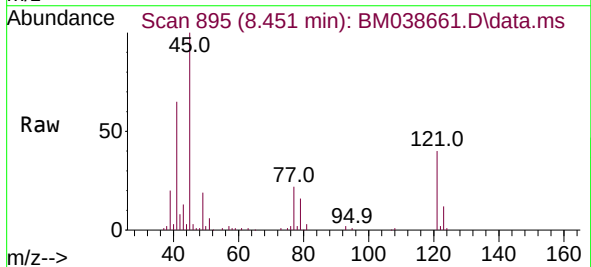
Instrument :
BNA_M
ClientSampleId :
PB150597BS

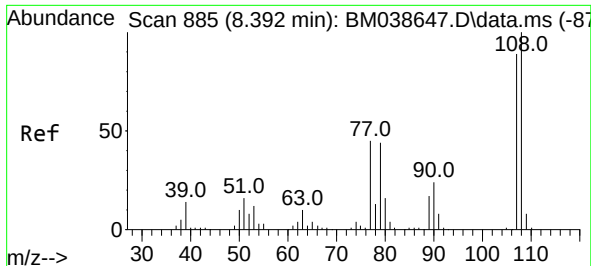
Tgt Ion: 79 Resp: 118066
Ion Ratio Lower Upper
79 100
108 75.8 61.9 92.9
77 68.9 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.585 ng
RT: 8.451 min Scan# 895
Delta R.T. -0.017 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion: 45 Resp: 111027
Ion Ratio Lower Upper
45 100
77 21.9 1.1 41.1
79 15.9 0.0 34.6



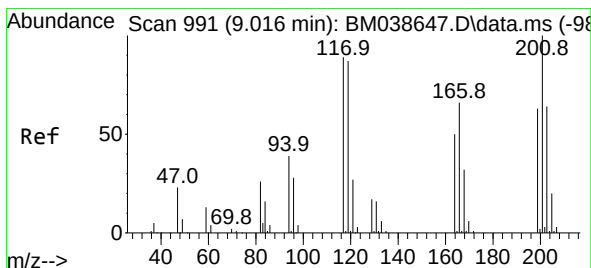
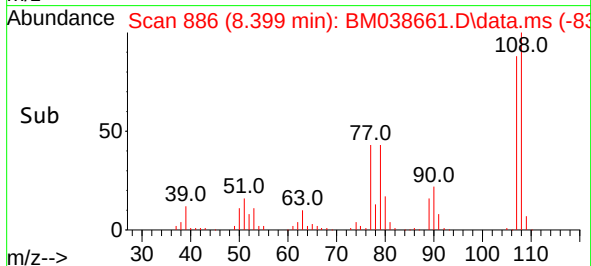
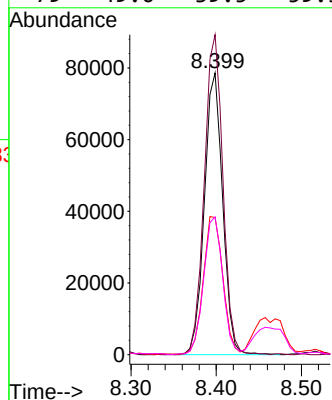
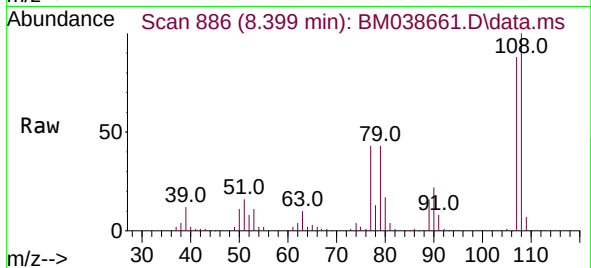


#17
2-Methylphenol
Concen: 38.751 ng
RT: 8.399 min Scan# 885
Delta R.T. 0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Instrument :
BNA_M
ClientSampleId :
PB150597BS

Tgt Ion:107 Resp: 117590

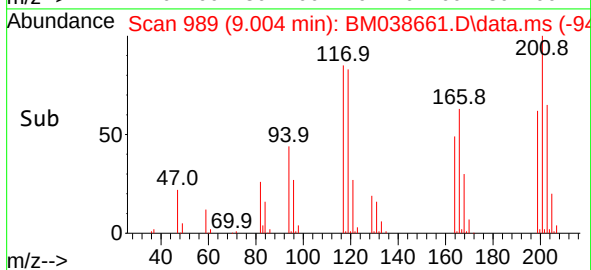
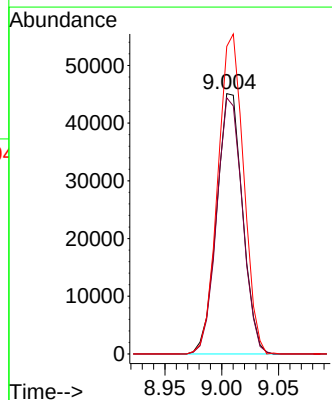
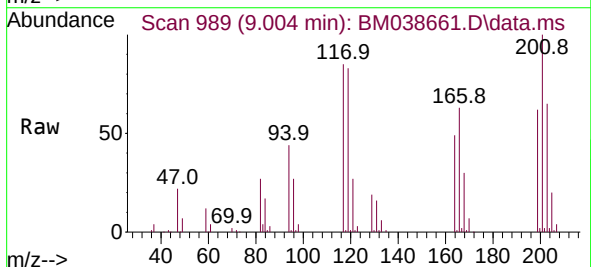
Ion	Ratio	Lower	Upper
107	100		
108	113.6	89.6	134.4
77	48.7	40.7	61.1
79	49.0	39.5	59.3

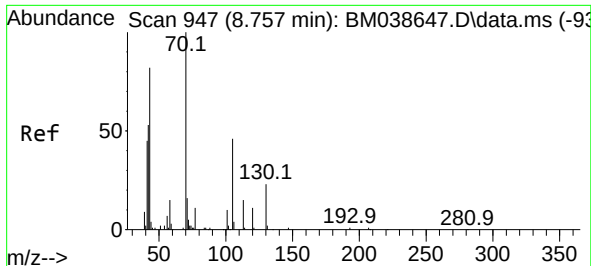


#18
Hexachloroethane
Concen: 45.943 ng
RT: 9.004 min Scan# 989
Delta R.T. -0.012 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:117 Resp: 71681

Ion	Ratio	Lower	Upper
117	100		
119	98.4	78.6	117.8
201	120.6	90.2	135.2



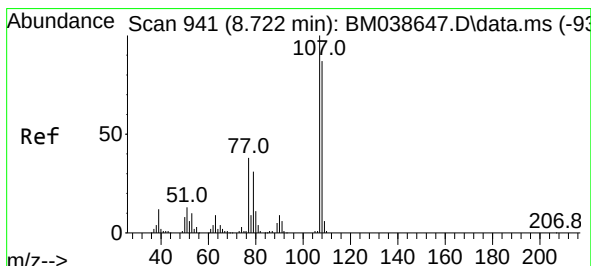
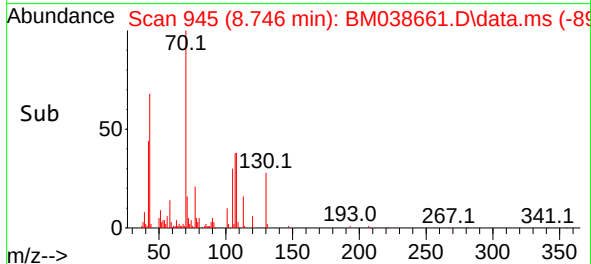
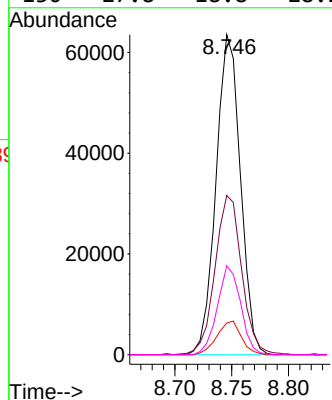
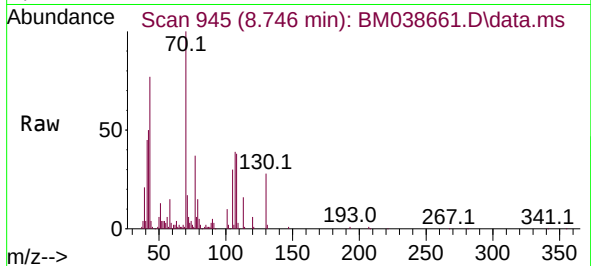


#19
n-Nitroso-di-n-propylamine
Concen: 40.273 ng
RT: 8.746 min Scan# 94
Delta R.T. -0.012 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Instrument :
BNA_M
ClientSampleId :
PB150597BS

Tgt Ion: 70 Resp: 95063

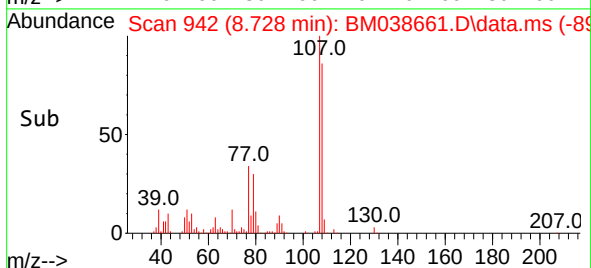
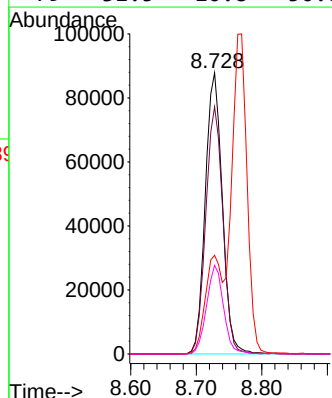
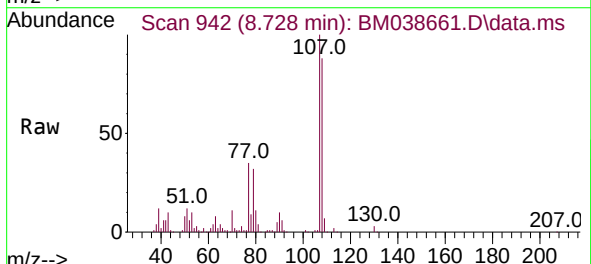
Ion	Ratio	Lower	Upper
70	100		
42	49.7	43.4	65.2
101	9.9	8.2	12.2
130	27.8	18.8	28.2

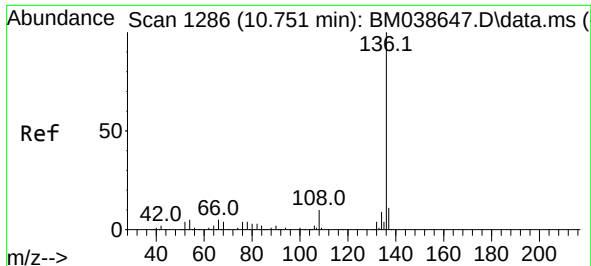


#20
3+4-Methylphenols
Concen: 39.334 ng
RT: 8.728 min Scan# 942
Delta R.T. 0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion: 107 Resp: 159143

Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.2	107.2
77	35.1	17.5	57.5
79	31.5	10.8	50.8

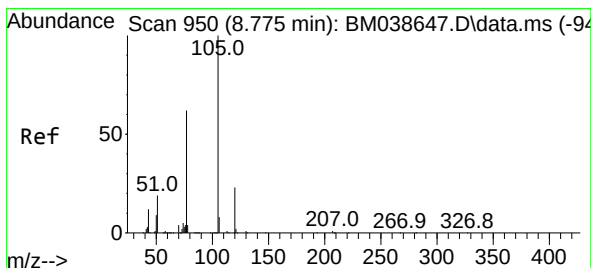
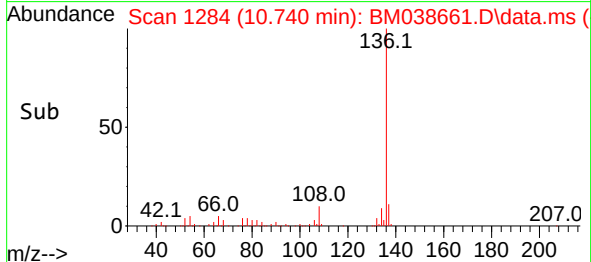
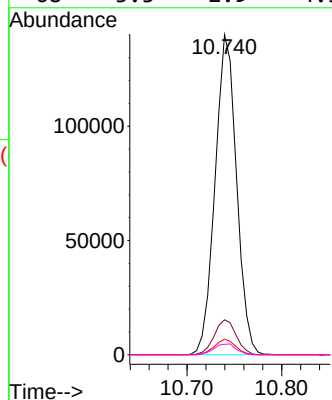
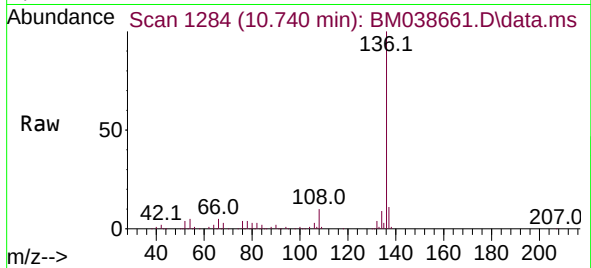




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

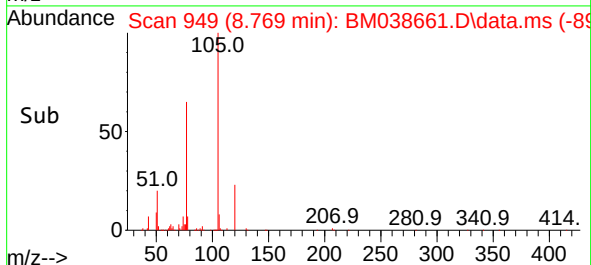
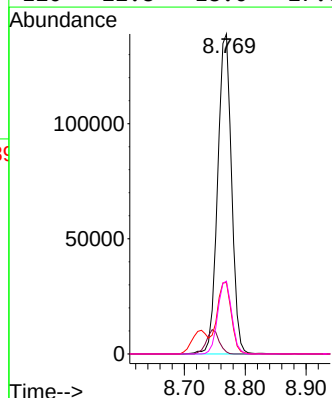
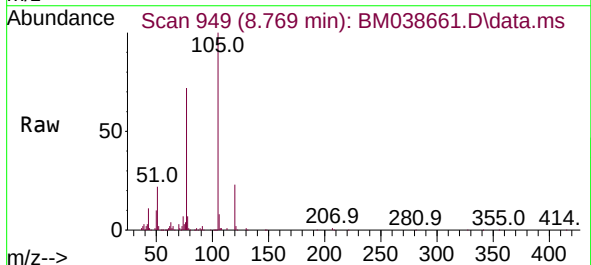
Instrument :
BNA_M
ClientSampleId :
PB150597BS

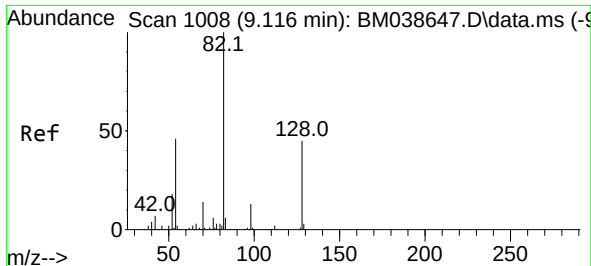
Tgt Ion:136 Resp: 220700
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 4.9 4.2 6.4
68 3.3 2.9 4.3



#22
Acetophenone
Concen: 41.856 ng
RT: 8.769 min Scan# 949
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:105 Resp: 220296
Ion Ratio Lower Upper
105 100
71 0.7 0.9 1.3#
51 22.3 19.3 28.9
120 22.8 18.0 27.0

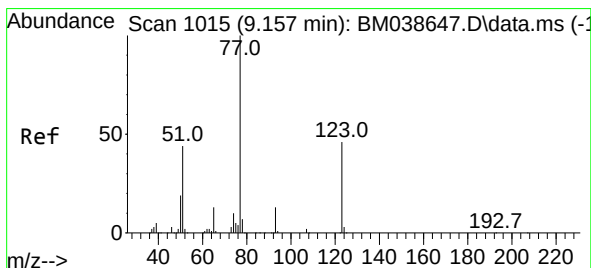
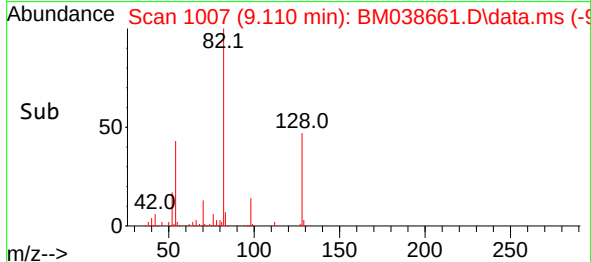
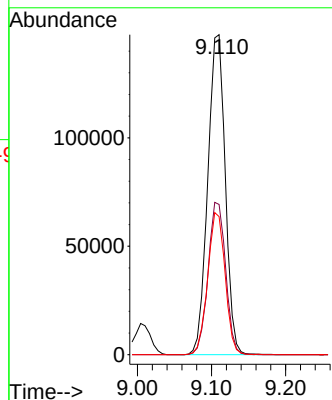
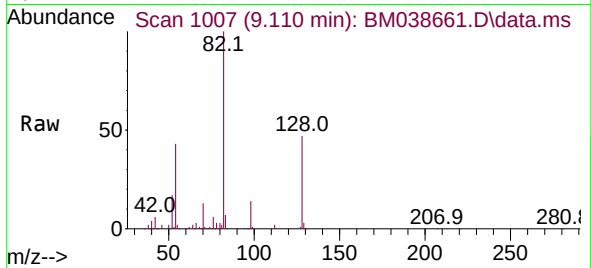




#23
Nitrobenzene-d5
Concen: 62.293 ng
RT: 9.110 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

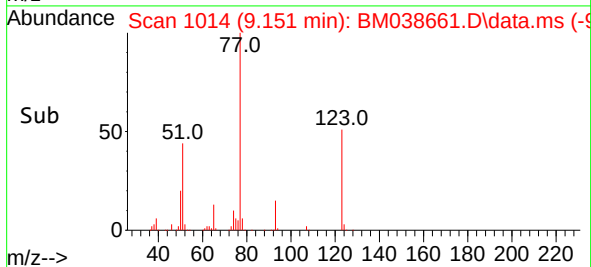
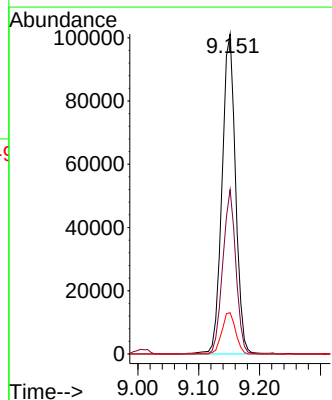
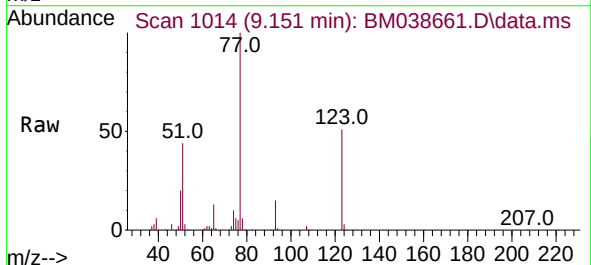
Instrument :
BNA_M
ClientSampleId :
PB150597BS

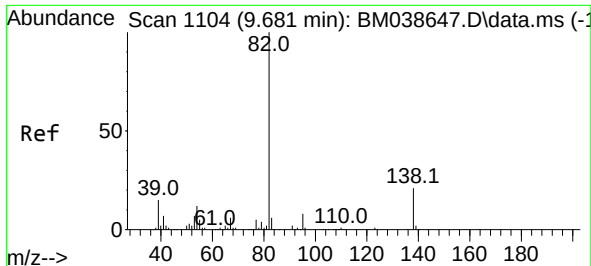
Tgt Ion: 82 Resp: 242041
Ion Ratio Lower Upper
82 100
128 47.0 36.0 54.0
54 43.1 36.8 55.2



#24
Nitrobenzene
Concen: 39.538 ng
RT: 9.151 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion: 77 Resp: 155929
Ion Ratio Lower Upper
77 100
123 51.4 36.5 54.7
65 12.9 10.7 16.1

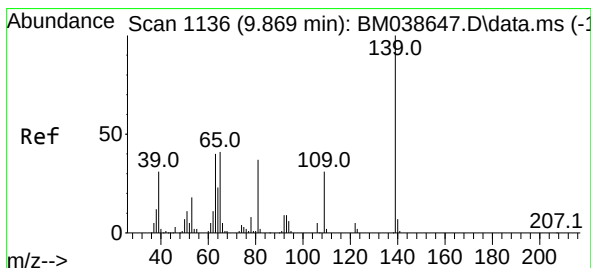
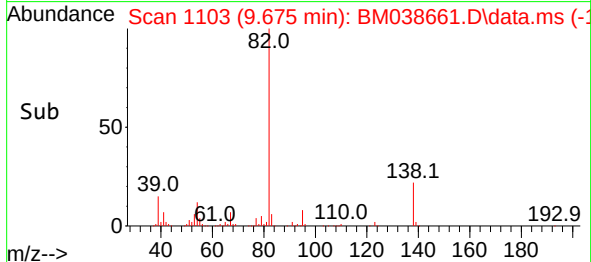
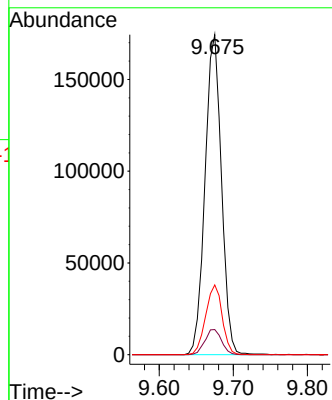
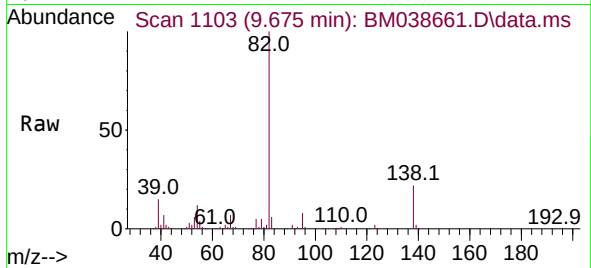




#25
Isophorone
Concen: 39.414 ng
RT: 9.675 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

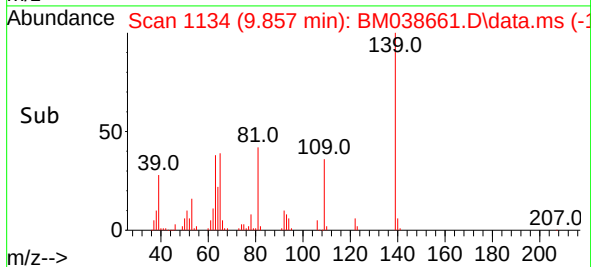
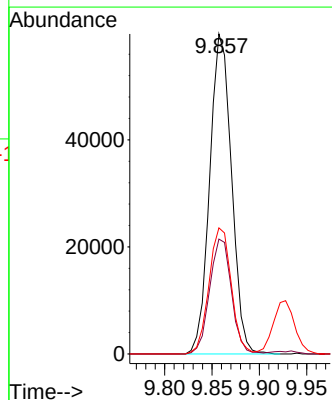
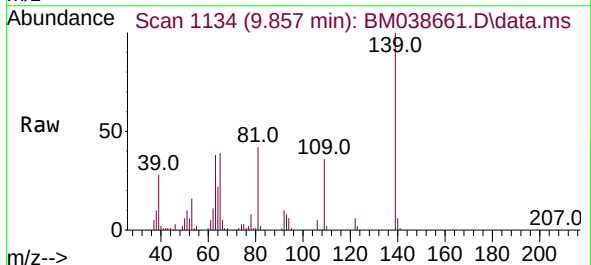
Instrument :
BNA_M
ClientSampleId :
PB150597BS

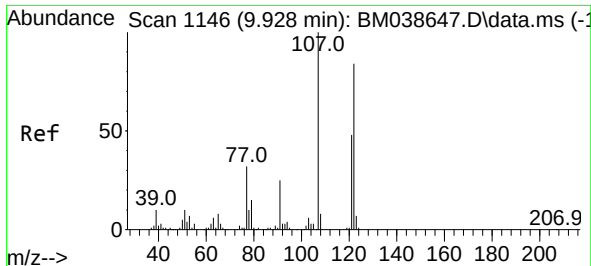
Tgt Ion: 82 Resp: 268280
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 21.8 17.0 25.6



#26
2-Nitrophenol
Concen: 43.738 ng
RT: 9.857 min Scan# 1134
Delta R.T. -0.012 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:139 Resp: 95985
Ion Ratio Lower Upper
139 100
109 35.9 24.5 36.7
65 39.4 32.6 49.0

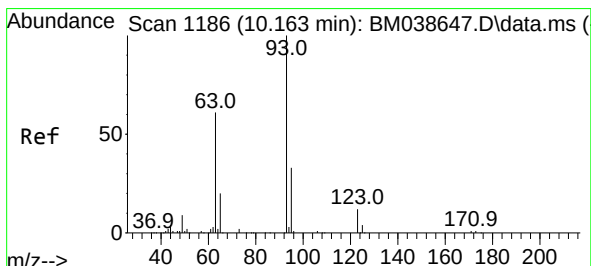
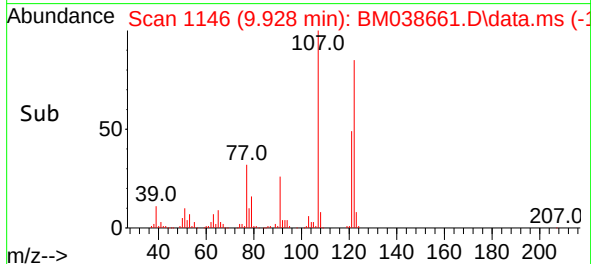
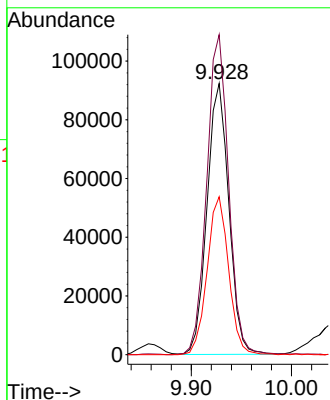
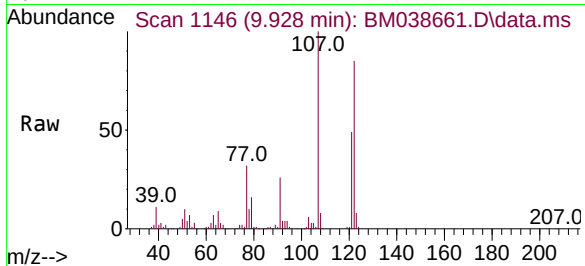




#27
2,4-Dimethylphenol
Concen: 44.196 ng
RT: 9.928 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

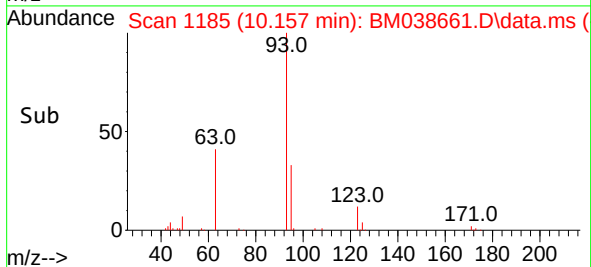
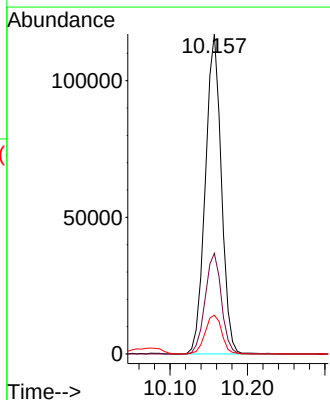
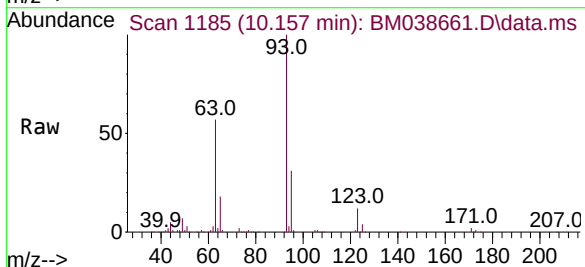
Instrument :
BNA_M
ClientSampleId :
PB150597BS

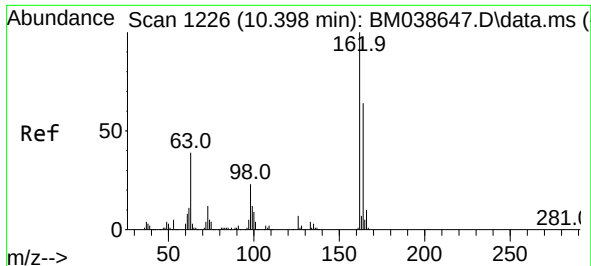
Tgt Ion:122 Resp: 139937
Ion Ratio Lower Upper
122 100
107 118.0 94.9 142.3
121 58.3 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.288 ng
RT: 10.157 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion: 93 Resp: 167588
Ion Ratio Lower Upper
93 100
95 31.4 26.6 40.0
123 12.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 43.392 ng

RT: 10.404 min Scan# 1227

Delta R.T. 0.006 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

Instrument :

BNA_M

ClientSampleId :

PB150597BS

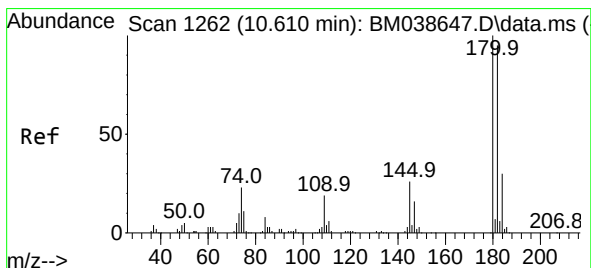
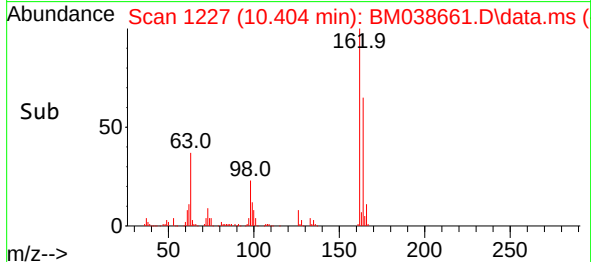
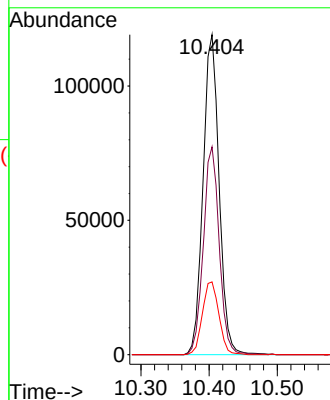
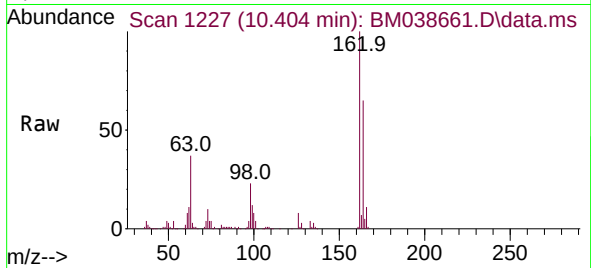
Tgt Ion:162 Resp: 195197

Ion Ratio Lower Upper

162 100

164 65.0 44.3 84.3

98 22.8 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 44.049 ng

RT: 10.604 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

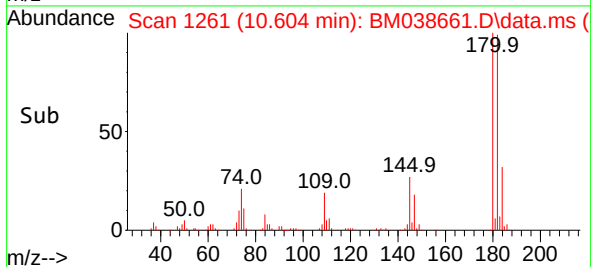
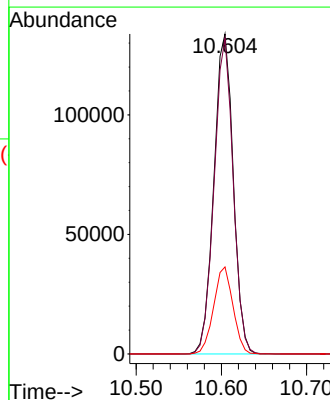
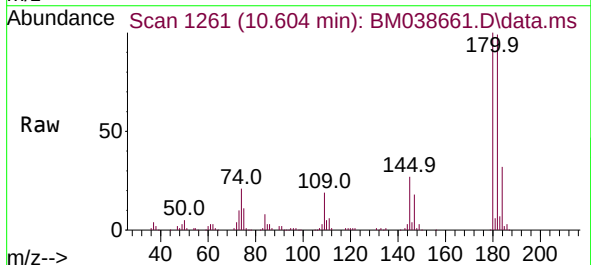
Tgt Ion:180 Resp: 210777

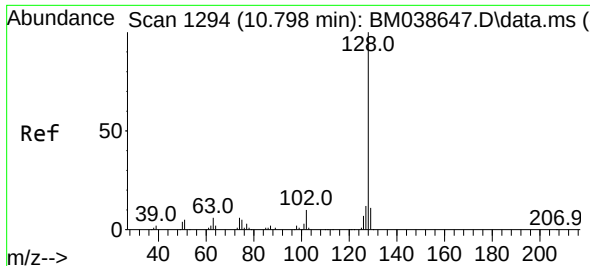
Ion Ratio Lower Upper

180 100

182 98.6 76.2 114.2

145 27.2 20.8 31.2

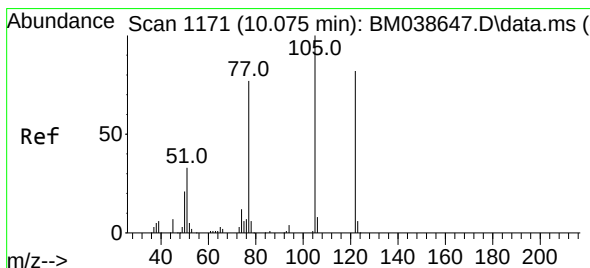
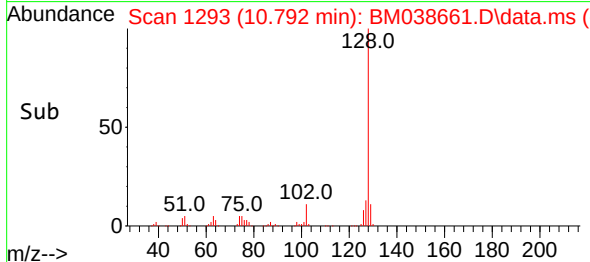
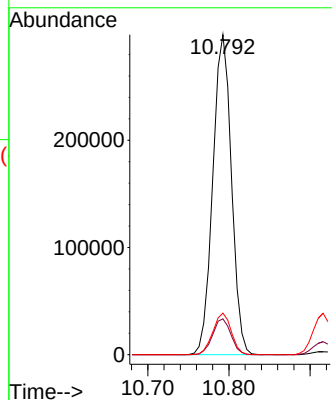
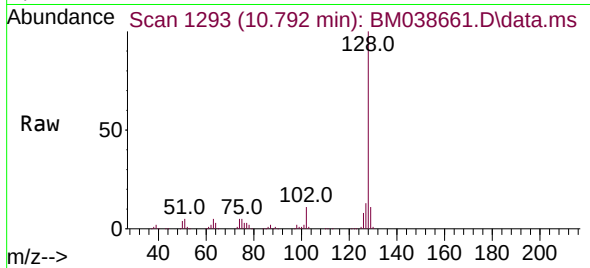




#31
Naphthalene
Concen: 41.977 ng
RT: 10.792 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

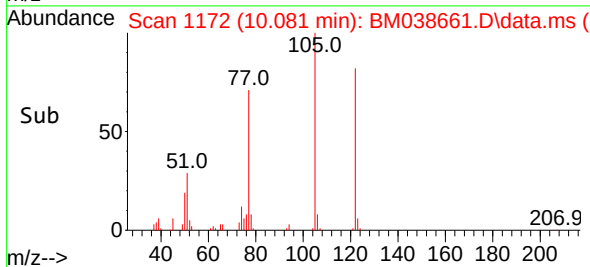
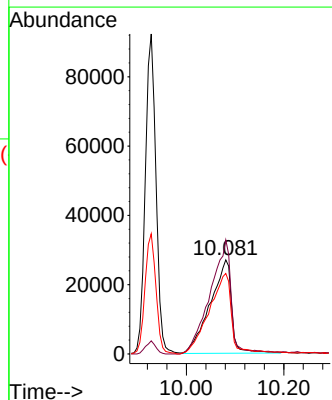
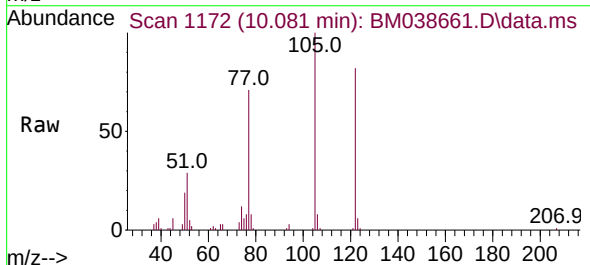
Instrument :
BNA_M
ClientSampleId :
PB150597BS

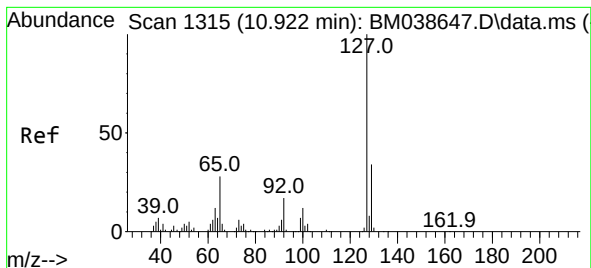
Tgt Ion:128 Resp: 475400
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.0 9.9 14.9



#32
Benzoic acid
Concen: 32.106 ng
RT: 10.081 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:122 Resp: 82290
Ion Ratio Lower Upper
122 100
105 121.3 99.2 139.2
77 85.7 72.3 112.3





#33

4-Chloroaniline

Concen: 13.297 ng

RT: 10.916 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

Instrument :

BNA_M

ClientSampleId :

PB150597BS

Tgt Ion:127 Resp: 65996

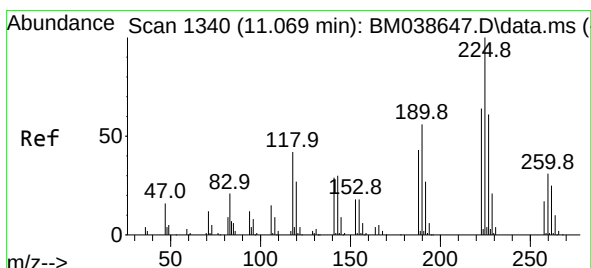
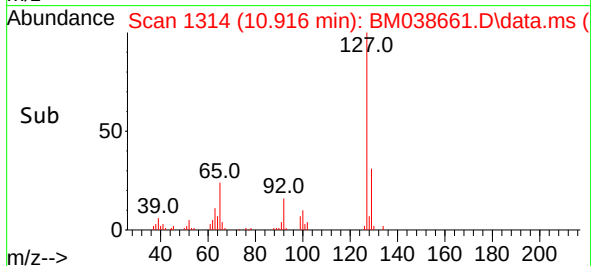
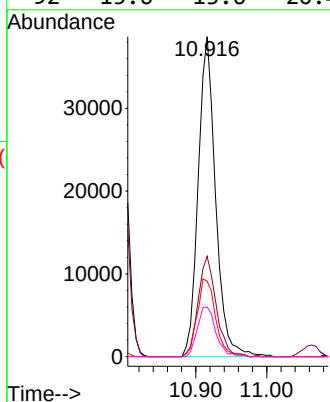
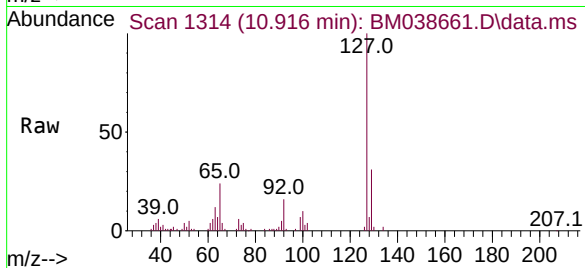
Ion Ratio Lower Upper

127 100

129 31.4 27.1 40.7

65 23.6 22.2 33.4

92 15.6 13.6 20.4



#34

Hexachlorobutadiene

Concen: 47.327 ng

RT: 11.063 min Scan# 1339

Delta R.T. -0.006 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

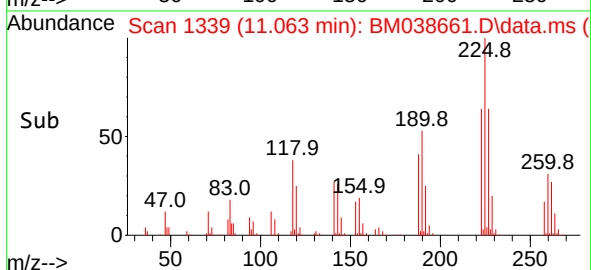
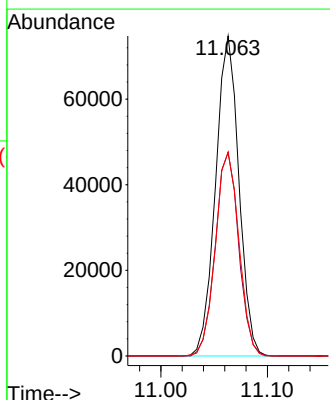
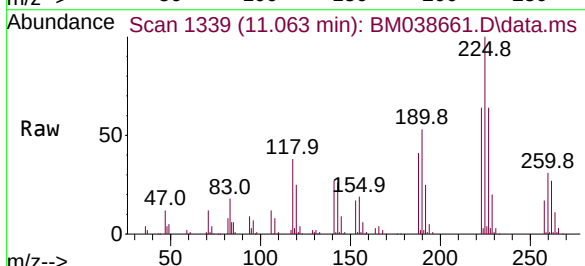
Tgt Ion:225 Resp: 113444

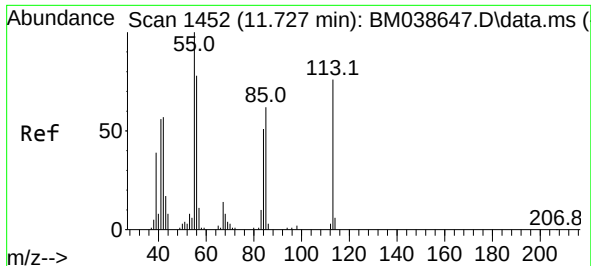
Ion Ratio Lower Upper

225 100

223 63.6 51.0 76.4

227 63.7 49.2 73.8

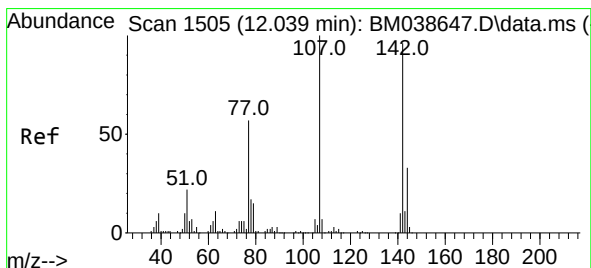
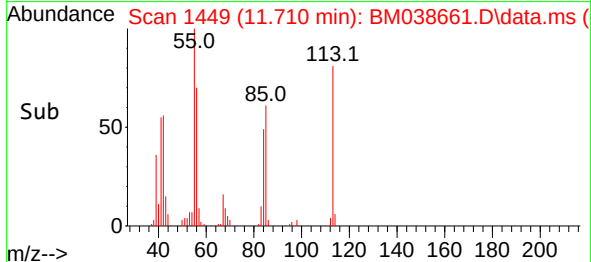
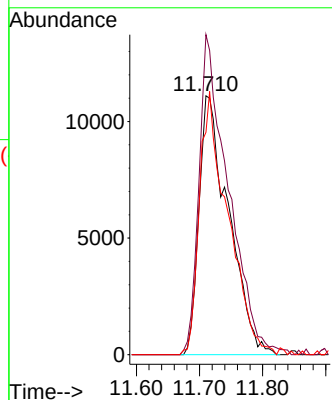
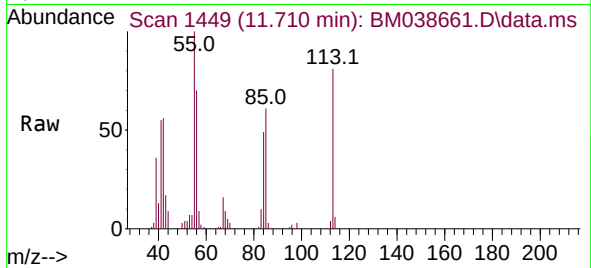




#35
 Caprolactam
 Concen: 37.316 ng
 RT: 11.710 min Scan# 1452
 Delta R.T. -0.017 min
 Lab File: BM038661.D
 Acq: 02 Feb 2023 13:34

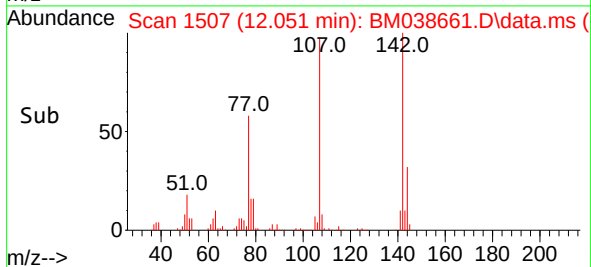
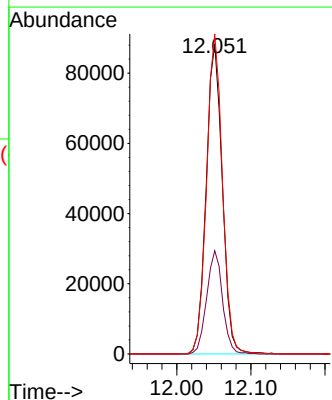
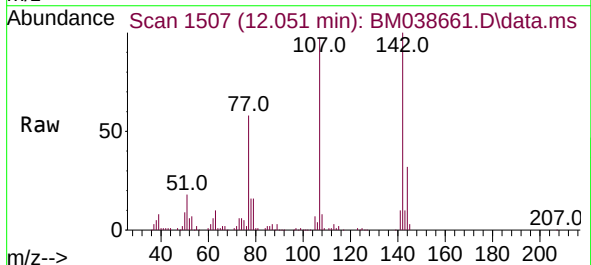
Instrument :
 BNA_M
 ClientSampleId :
 PB150597BS

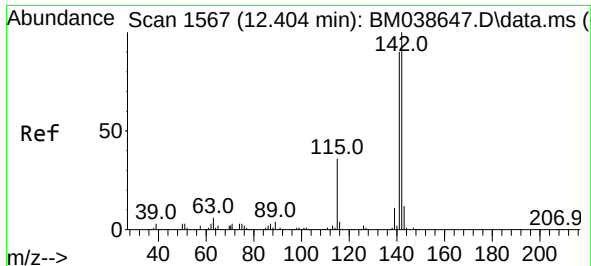
Tgt Ion:113 Resp: 36152
 Ion Ratio Lower Upper
 113 100
 55 123.6 111.2 151.2
 56 85.9 82.0 122.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.112 ng
 RT: 12.051 min Scan# 1507
 Delta R.T. 0.012 min
 Lab File: BM038661.D
 Acq: 02 Feb 2023 13:34

Tgt Ion:107 Resp: 133425
 Ion Ratio Lower Upper
 107 100
 144 33.3 26.5 39.7
 142 103.3 77.0 115.6

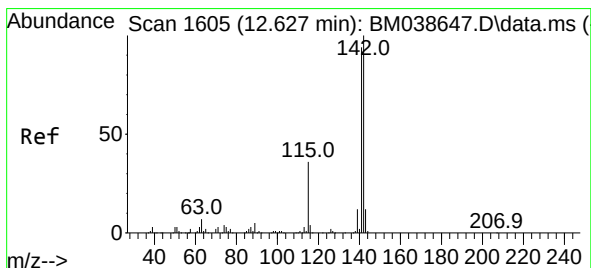
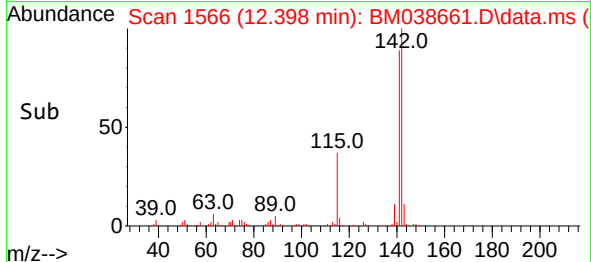
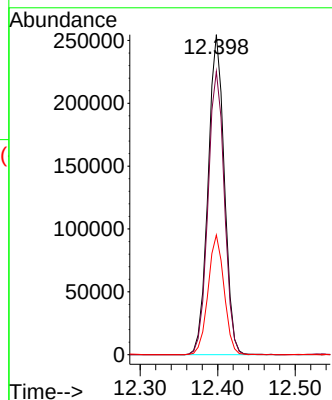
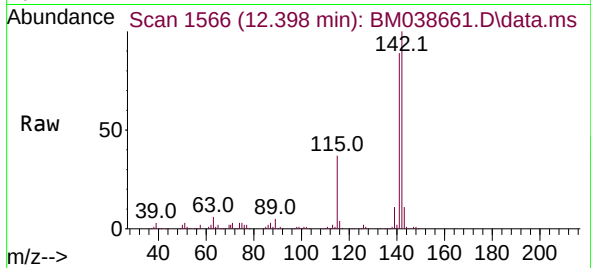




#37
2-Methylnaphthalene
Concen: 40.468 ng
RT: 12.398 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

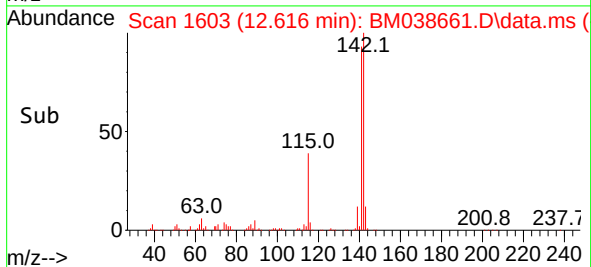
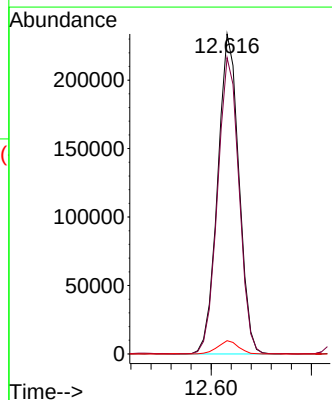
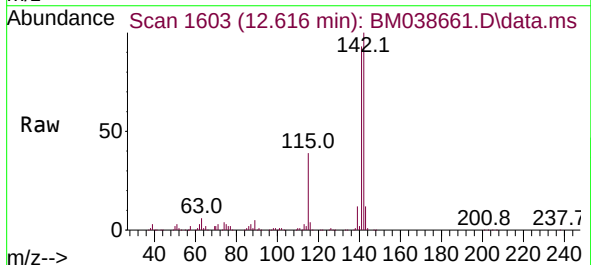
Instrument :
BNA_M
ClientSampleId :
PB150597BS

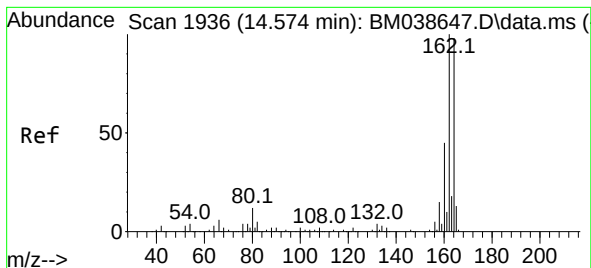
Tgt Ion:142 Resp: 370369
Ion Ratio Lower Upper
142 100
141 88.5 71.8 107.8
115 37.4 28.7 43.1



#38
1-Methylnaphthalene
Concen: 39.740 ng
RT: 12.616 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:142 Resp: 342719
Ion Ratio Lower Upper
142 100
141 92.6 75.5 113.3
116 4.2 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

Instrument :

BNA_M

ClientSampleId :

PB150597BS

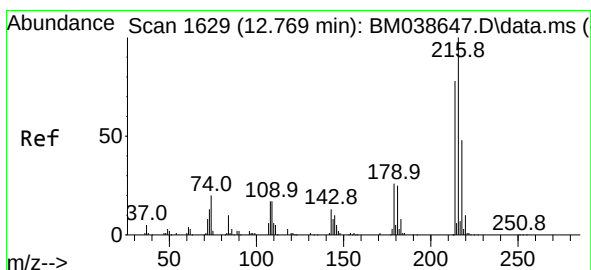
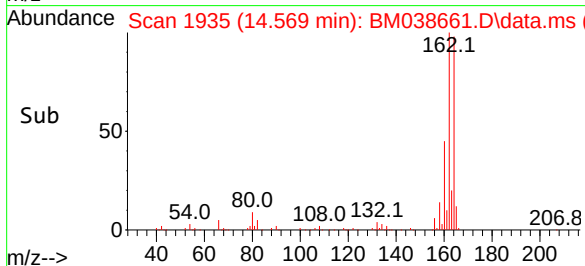
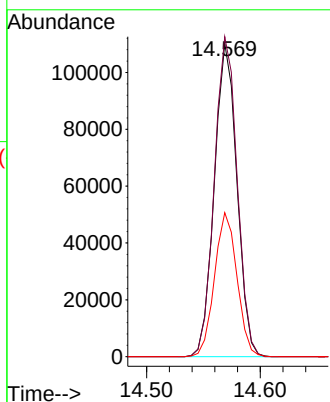
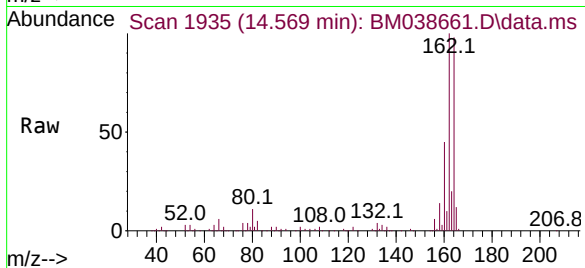
Tgt Ion:164 Resp: 152225

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

160 45.9 36.5 54.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.703 ng

RT: 12.763 min Scan# 1628

Delta R.T. -0.006 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

Tgt Ion:216 Resp: 185024

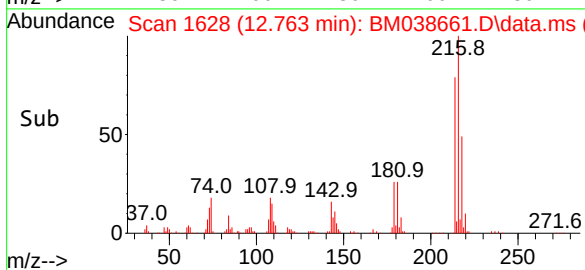
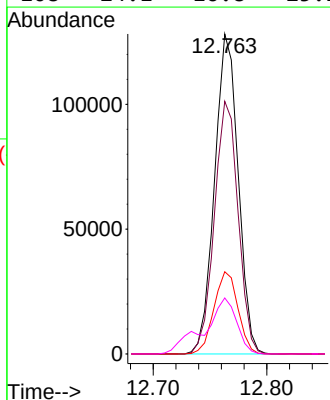
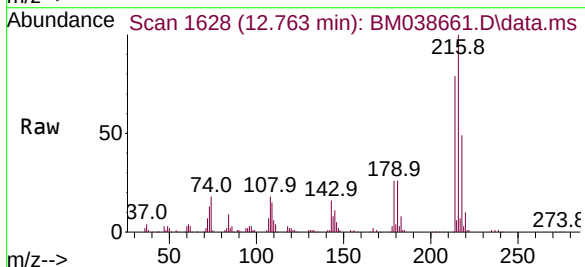
Ion Ratio Lower Upper

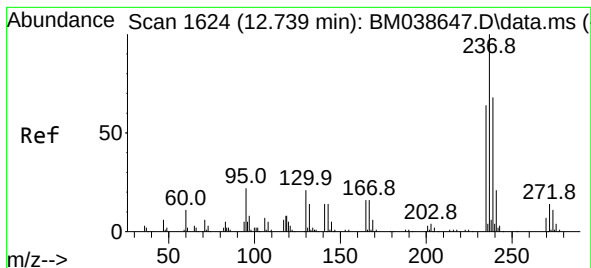
216 100

214 79.5 63.4 95.0

179 26.1 21.0 31.4

108 24.1 16.8 25.2





#41

Hexachlorocyclopentadiene

Concen: 118.587 ng

RT: 12.734 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

Instrument :

BNA_M

ClientSampleId :

PB150597BS

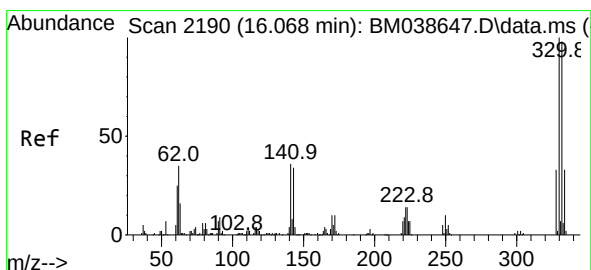
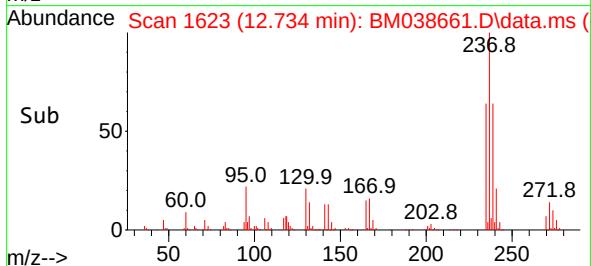
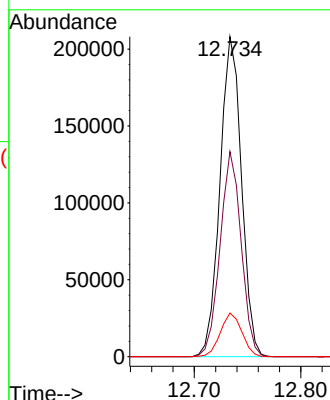
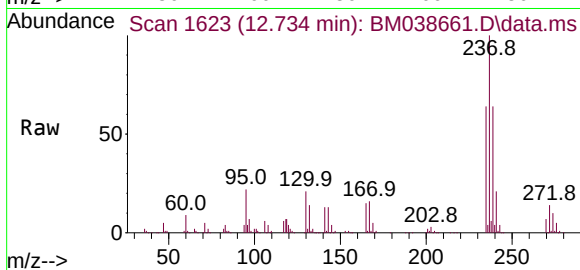
Tgt Ion:237 Resp: 291531

Ion Ratio Lower Upper

237 100

235 64.1 43.8 83.8

272 13.7 0.0 33.8



#42

2,4,6-Tribromophenol

Concen: 101.991 ng

RT: 16.063 min Scan# 2189

Delta R.T. -0.005 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

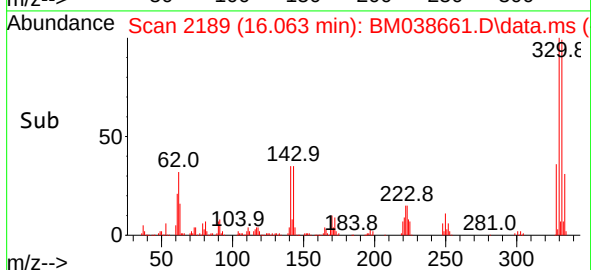
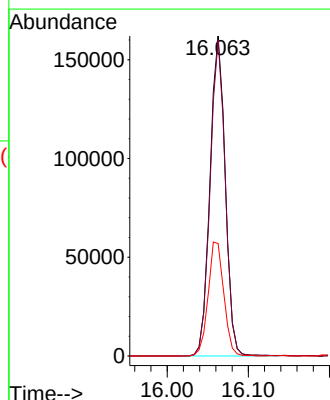
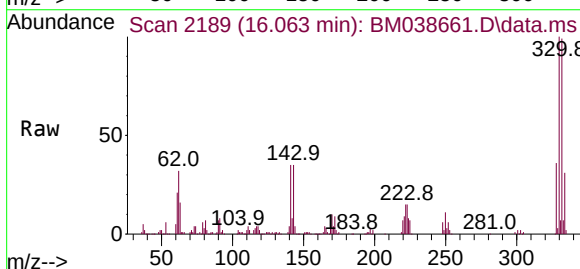
Tgt Ion:330 Resp: 211027

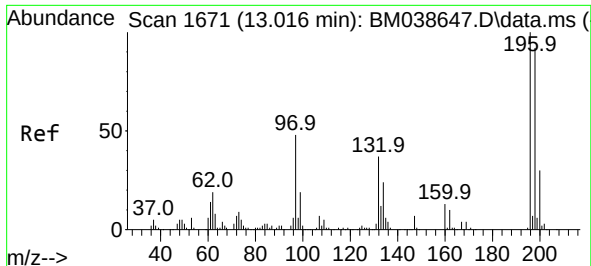
Ion Ratio Lower Upper

330 100

332 97.8 77.8 116.6

141 36.6 31.0 46.6

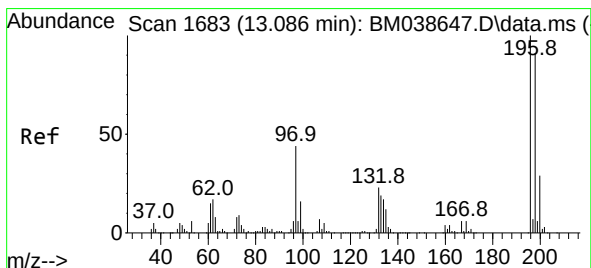
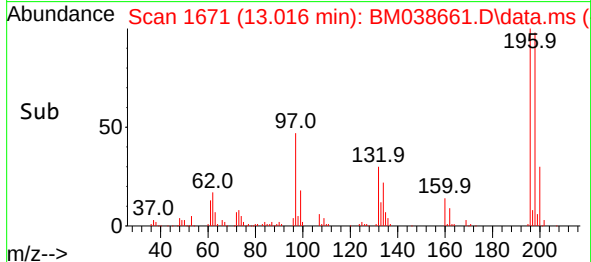
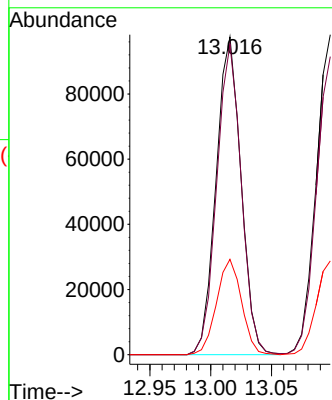
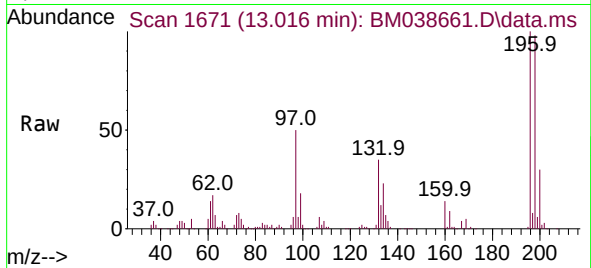




#43
2,4,6-Trichlorophenol
Concen: 44.643 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

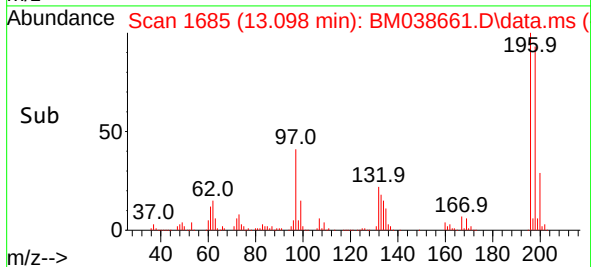
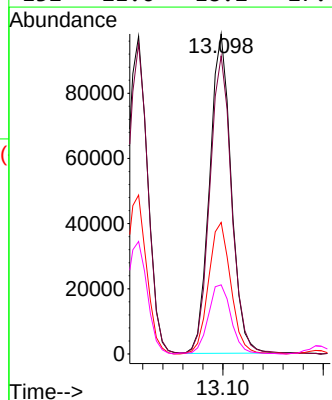
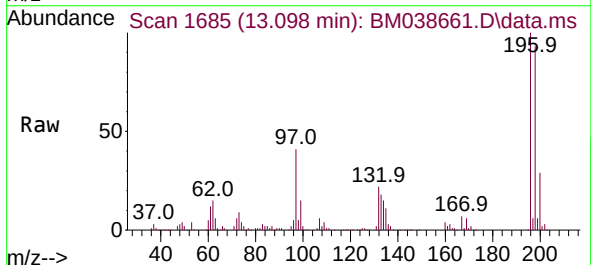
Instrument :
BNA_M
ClientSampleId :
PB150597BS

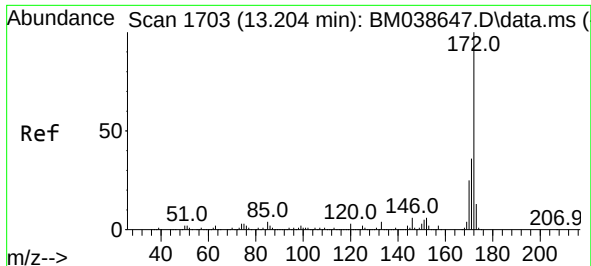
Tgt Ion:196 Resp: 138944
Ion Ratio Lower Upper
196 100
198 97.7 73.7 110.5
200 30.0 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 39.948 ng
RT: 13.098 min Scan# 1685
Delta R.T. 0.012 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:196 Resp: 146311
Ion Ratio Lower Upper
196 100
198 93.2 73.1 109.7
97 41.1 35.5 53.3
132 21.6 18.2 27.4

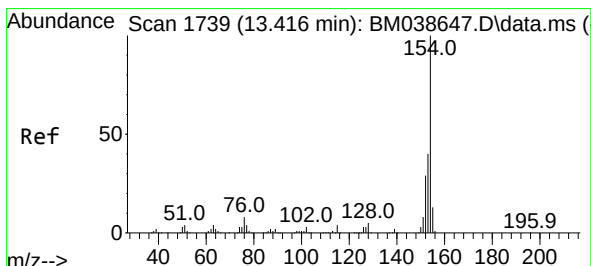
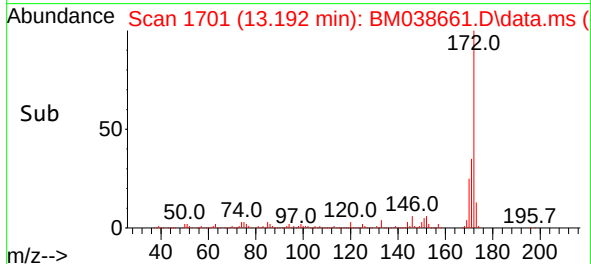
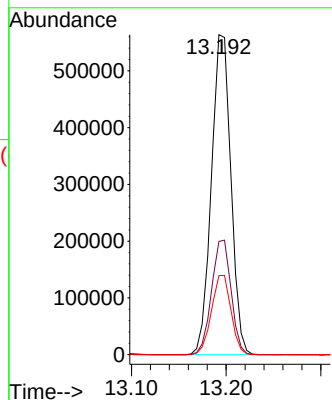
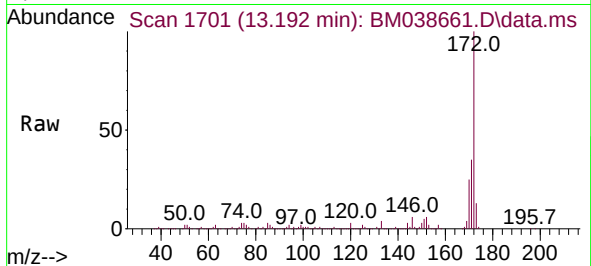




#45
2-Fluorobiphenyl
Concen: 67.360 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

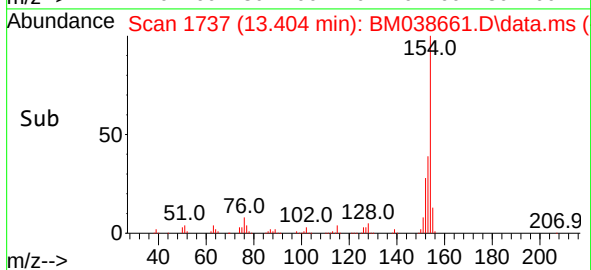
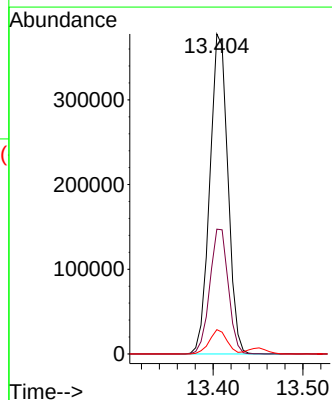
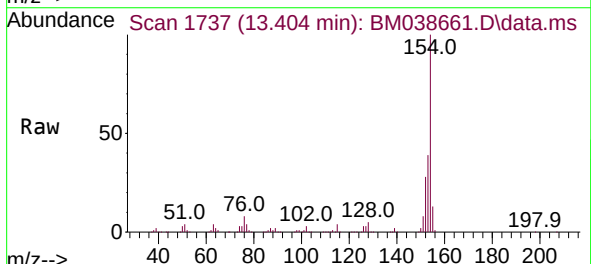
Instrument :
BNA_M
ClientSampleId :
PB150597BS

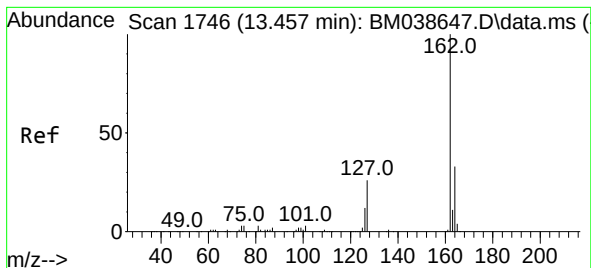
Tgt Ion:172 Resp: 805428
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 24.7 20.0 30.0



#46
1,1'-Biphenyl
Concen: 43.682 ng
RT: 13.404 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:154 Resp: 526731
Ion Ratio Lower Upper
154 100
153 39.0 19.9 59.9
76 7.6 0.0 27.9





#47

2-Chloronaphthalene

Concen: 45.251 ng

RT: 13.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

Instrument :

BNA_M

ClientSampleId :

PB150597BS

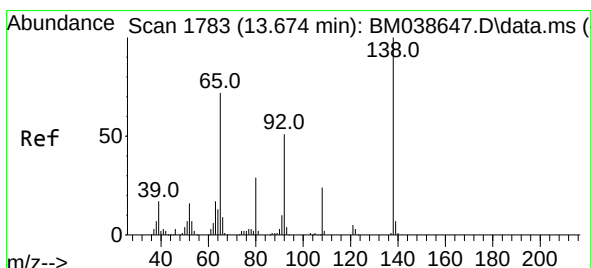
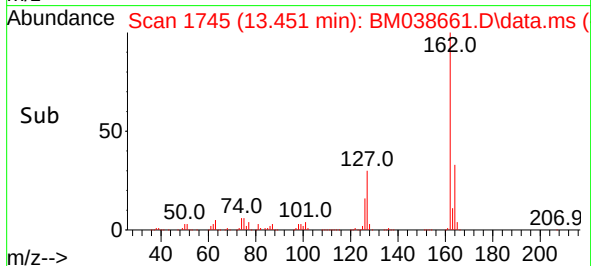
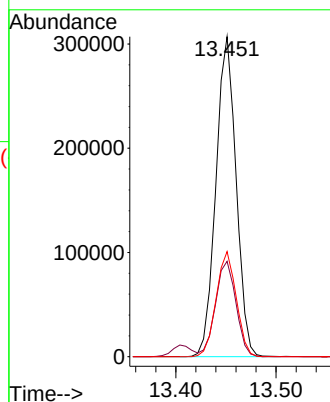
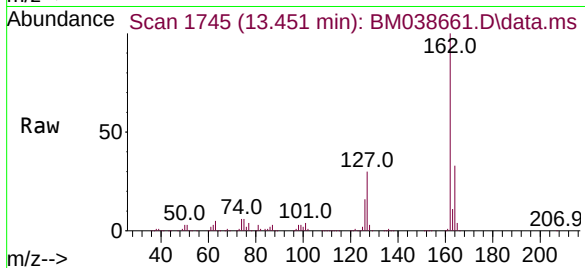
Tgt Ion:162 Resp: 429365

Ion Ratio Lower Upper

162 100

127 29.8 23.6 35.4

164 32.9 26.7 40.1



#48

2-Nitroaniline

Concen: 35.882 ng

RT: 13.669 min Scan# 1782

Delta R.T. -0.005 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

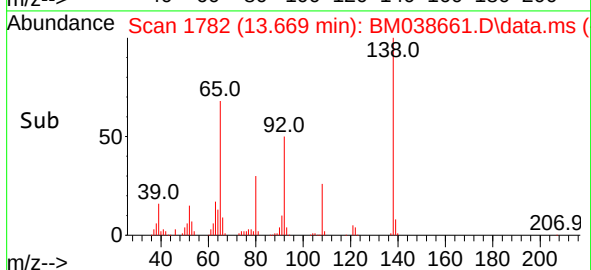
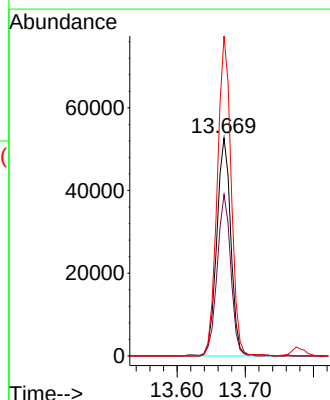
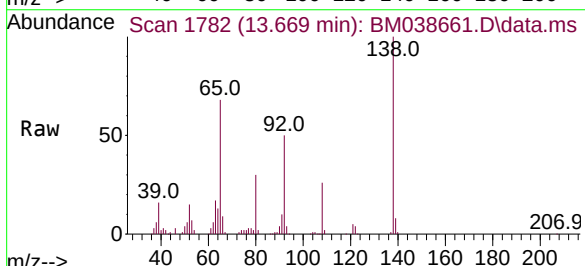
Tgt Ion: 65 Resp: 75609

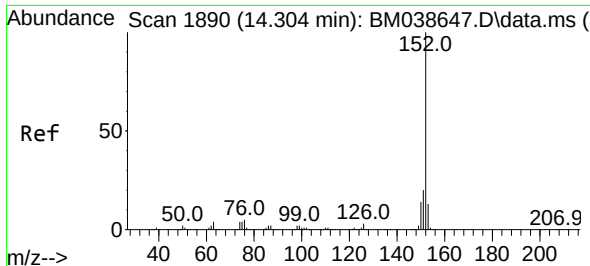
Ion Ratio Lower Upper

65 100

92 74.0 55.9 83.9

138 146.8 110.6 166.0

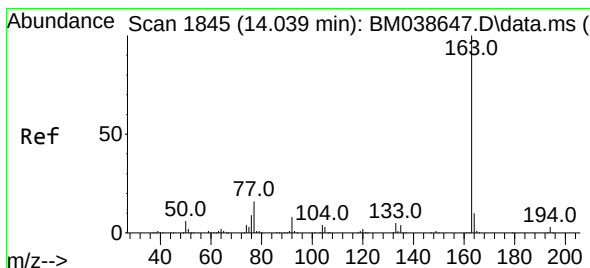
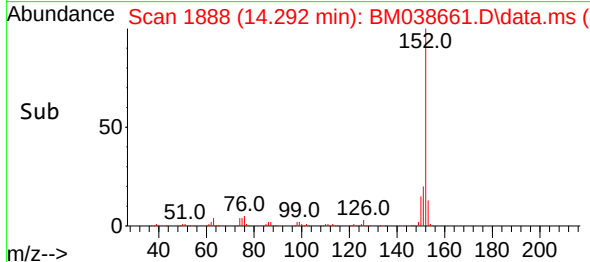
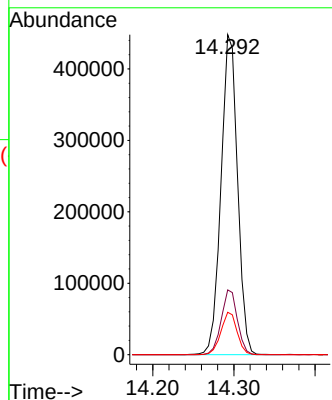
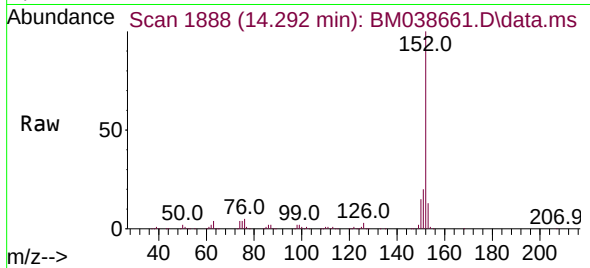




#49
Acenaphthylene
Concen: 42.456 ng
RT: 14.292 min Scan# 1888
Delta R.T. -0.012 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

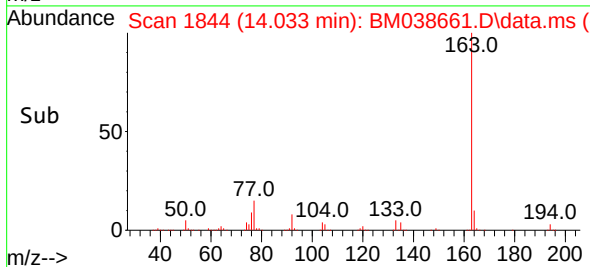
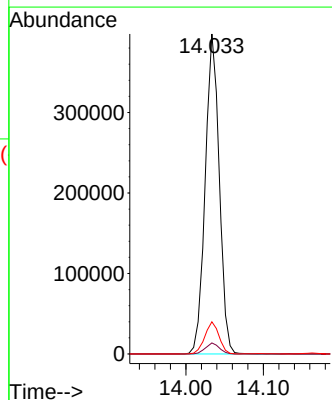
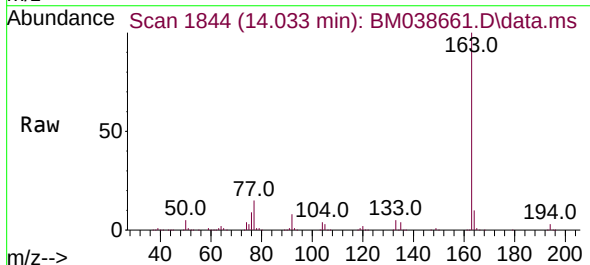
Instrument :
BNA_M
ClientSampleId :
PB150597BS

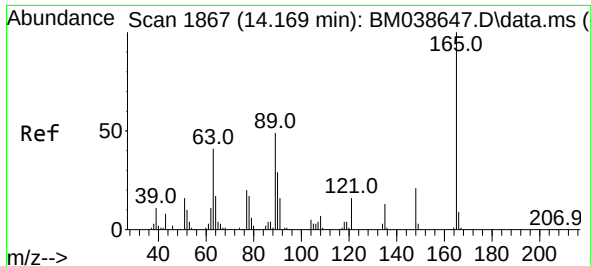
Tgt Ion:152 Resp: 634517
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.3 10.0 15.0



#50
Dimethylphthalate
Concen: 40.254 ng
RT: 14.033 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:163 Resp: 500055
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.0 8.2 12.4

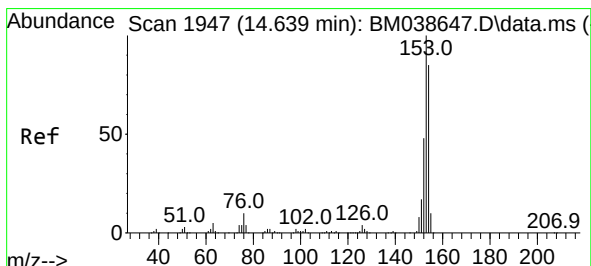
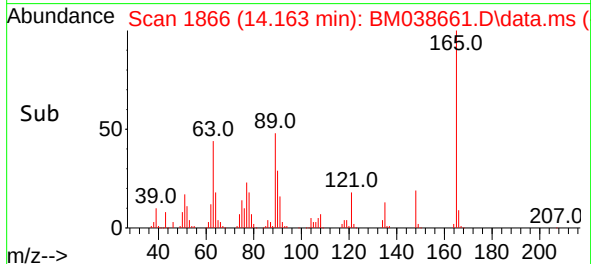
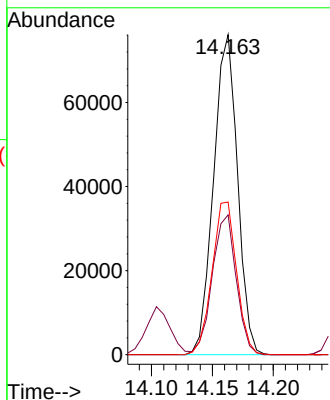
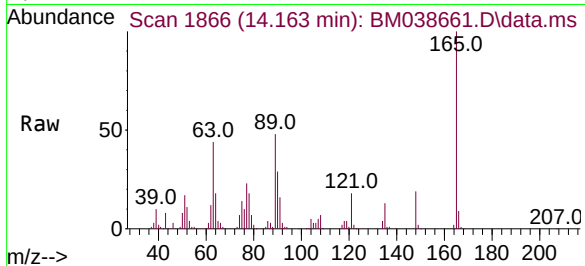




#51
2,6-Dinitrotoluene
Concen: 41.274 ng
RT: 14.163 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

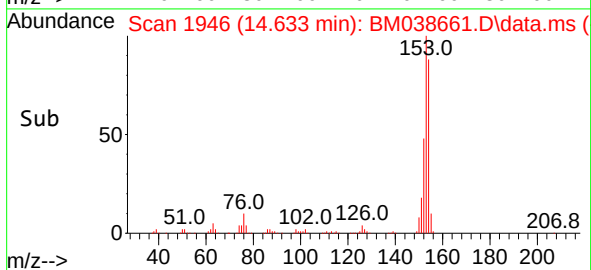
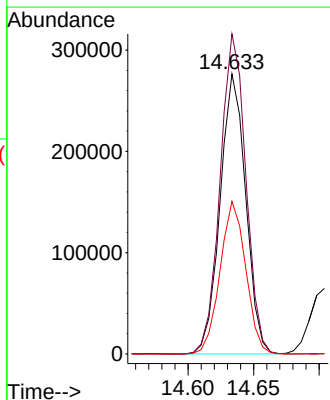
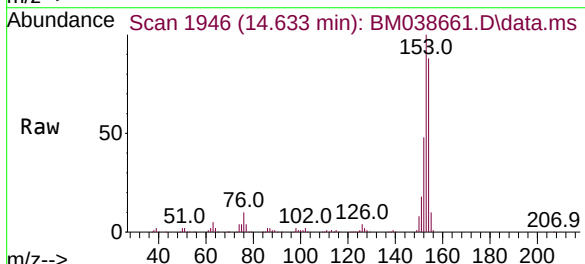
Instrument :
BNA_M
ClientSampleId :
PB150597BS

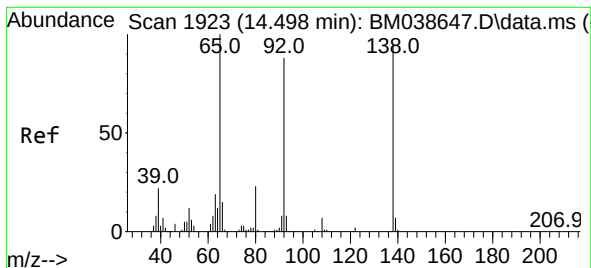
Tgt Ion:165 Resp: 104210
Ion Ratio Lower Upper
165 100
63 43.7 35.8 53.8
89 47.7 39.3 58.9



#52
Acenaphthene
Concen: 42.034 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:154 Resp: 375103
Ion Ratio Lower Upper
154 100
153 114.3 93.7 140.5
152 54.5 44.6 67.0

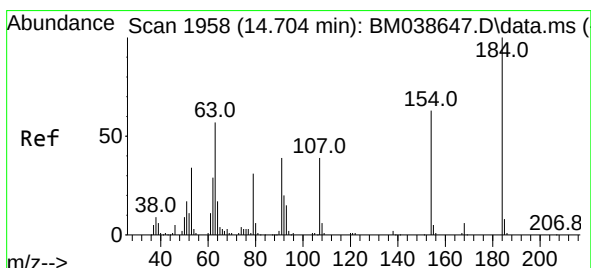
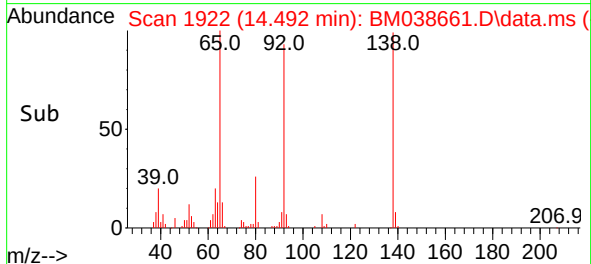
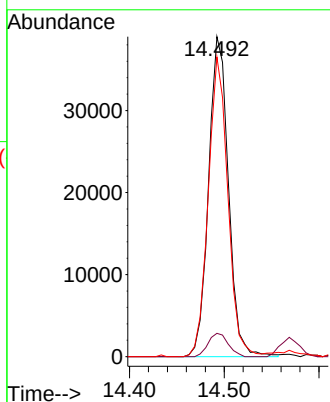
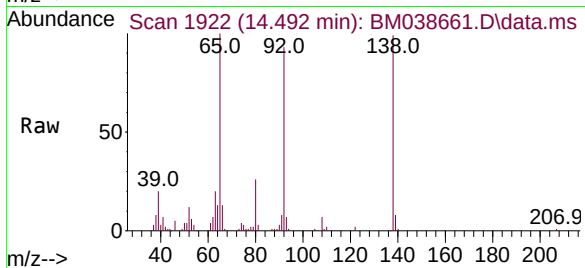




#53
3-Nitroaniline
Concen: 22.370 ng
RT: 14.492 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

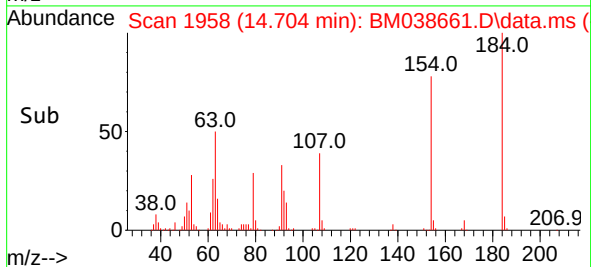
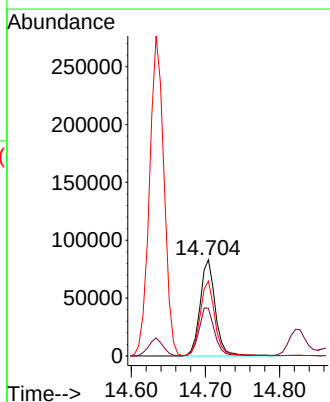
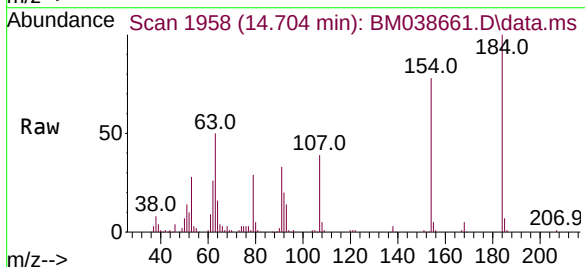
Instrument :
BNA_M
ClientSampleId :
PB150597BS

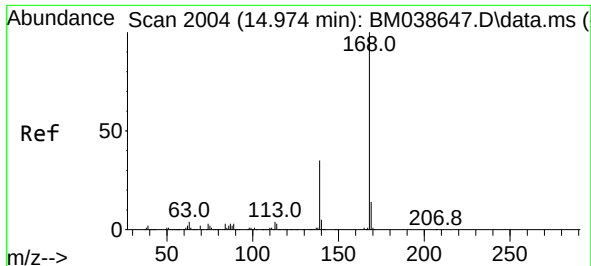
Tgt Ion:138 Resp: 56731
Ion Ratio Lower Upper
138 100
108 7.3 5.8 8.8
92 93.7 73.9 110.9



#54
2,4-Dinitrophenol
Concen: 72.316 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:184 Resp: 118844
Ion Ratio Lower Upper
184 100
63 49.6 45.9 68.9
154 77.8 54.9 82.3

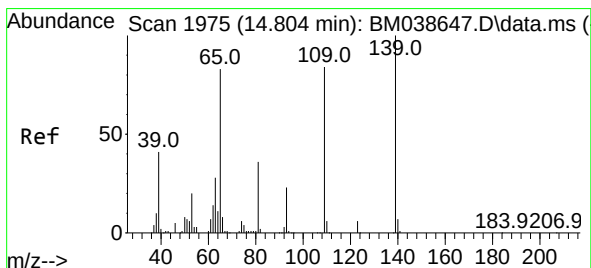
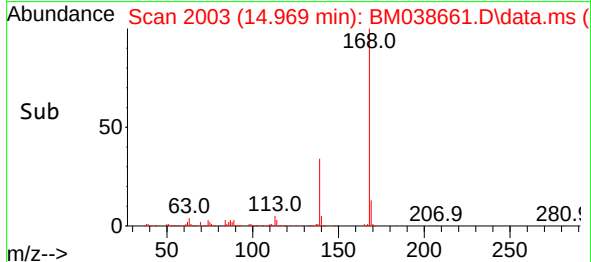
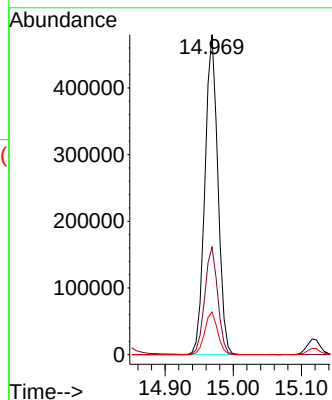
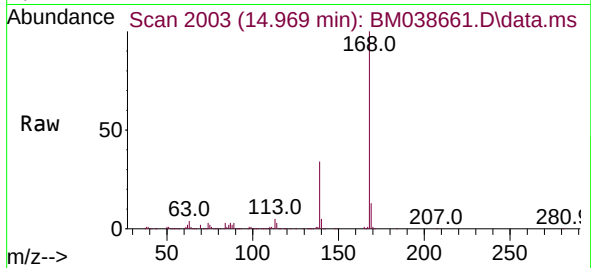




#55
Dibenzofuran
Concen: 41.248 ng
RT: 14.969 min Scan# 20
Delta R.T. -0.005 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

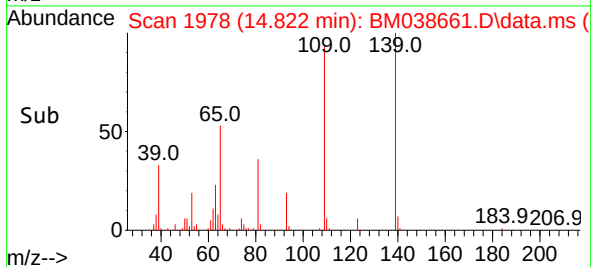
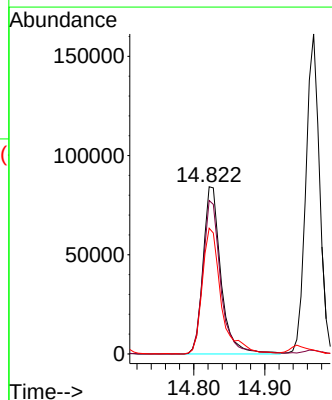
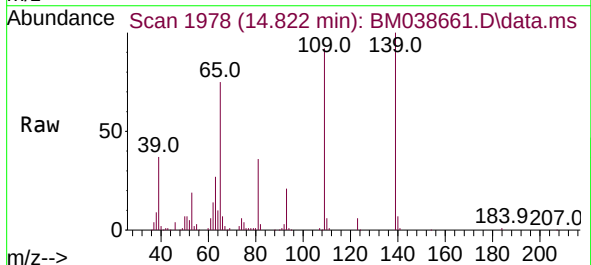
Instrument :
BNA_M
ClientSampleId :
PB150597BS

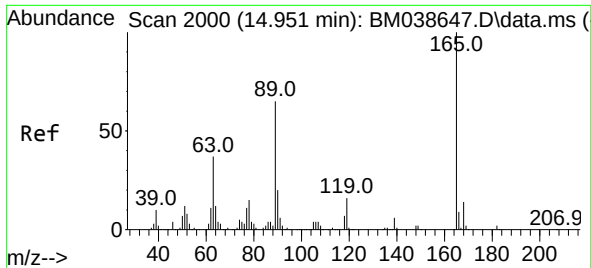
Tgt Ion:168 Resp: 633861
Ion Ratio Lower Upper
168 100
139 33.6 27.8 41.6
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 72.813 ng
RT: 14.822 min Scan# 1978
Delta R.T. 0.018 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:139 Resp: 147443
Ion Ratio Lower Upper
139 100
109 91.7 63.8 103.8
65 75.2 62.5 102.5

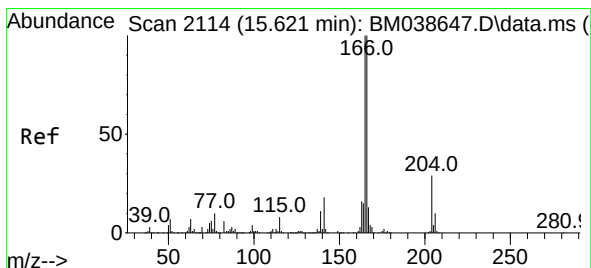
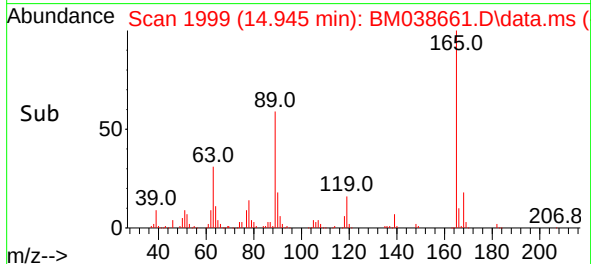
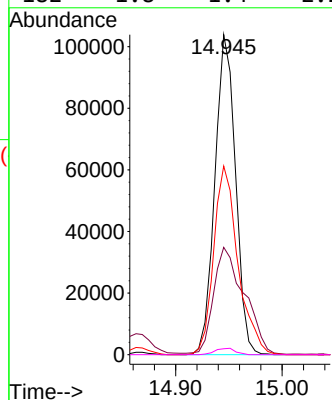
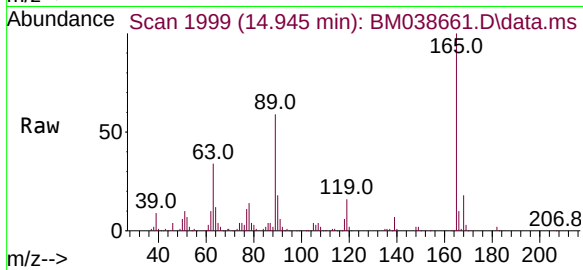




#57
2,4-Dinitrotoluene
Concen: 37.807 ng
RT: 14.945 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

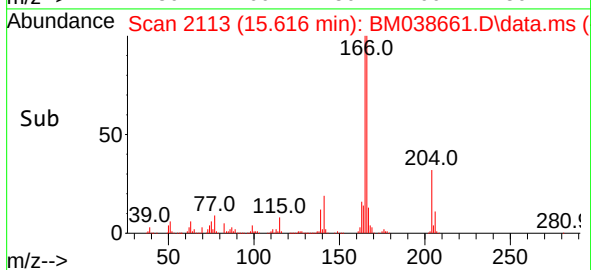
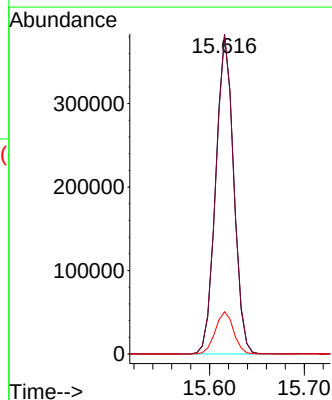
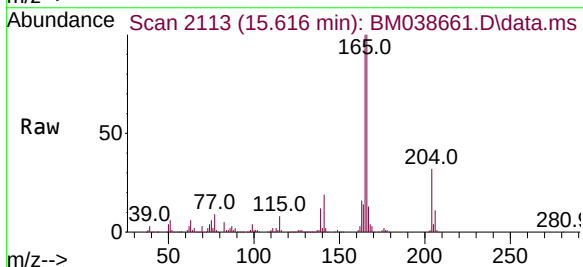
Instrument :
BNA_M
ClientSampleId :
PB150597BS

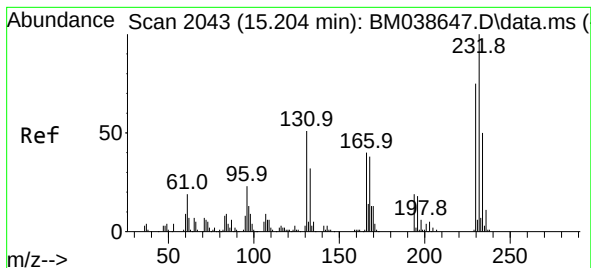
Tgt Ion:	165	Resp:	139516
Ion	Ratio	Lower	Upper
165	100		
63	33.5	29.4	44.0
89	58.9	51.8	77.6
182	1.8	1.4	2.2



#58
Fluorene
Concen: 41.373 ng
RT: 15.616 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:	166	Resp:	503057
Ion	Ratio	Lower	Upper
166	100		
165	100.2	80.2	120.4
167	13.2	10.7	16.1

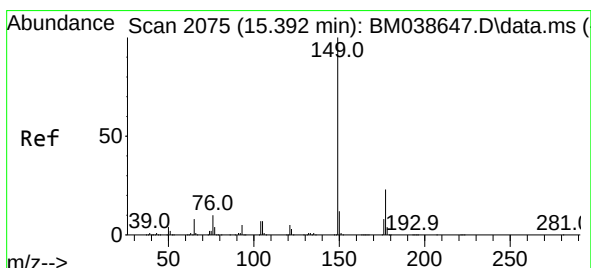
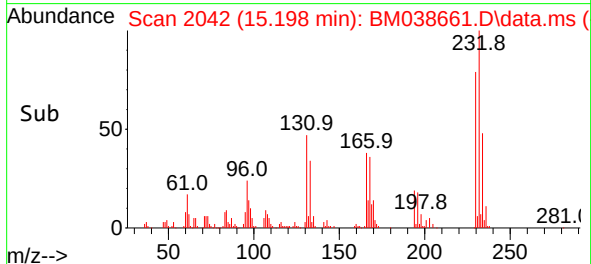
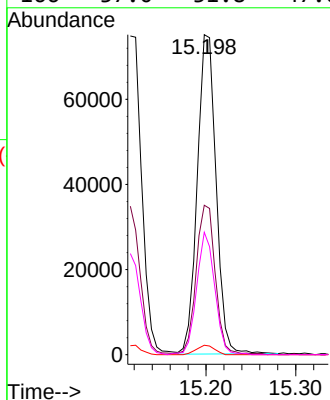
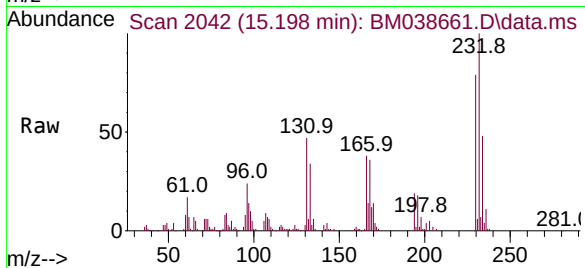




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.895 ng
RT: 15.198 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

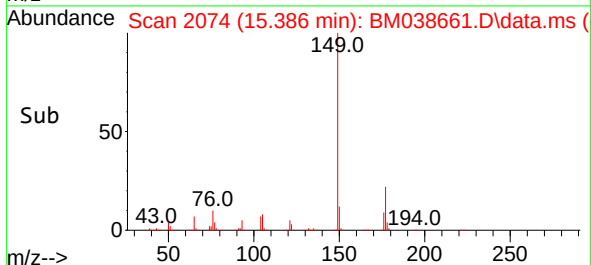
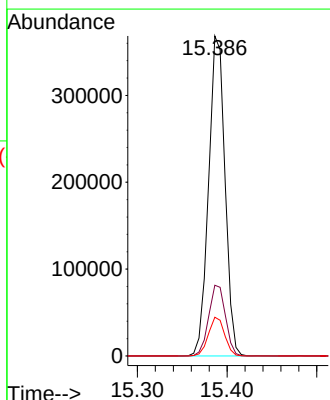
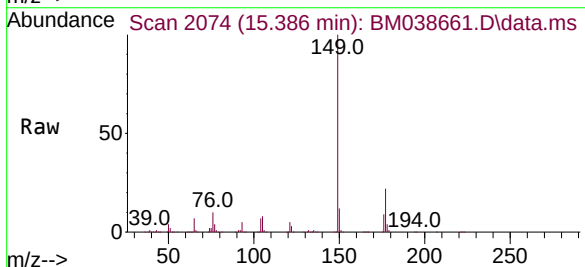
Instrument :
BNA_M
ClientSampleId :
PB150597BS

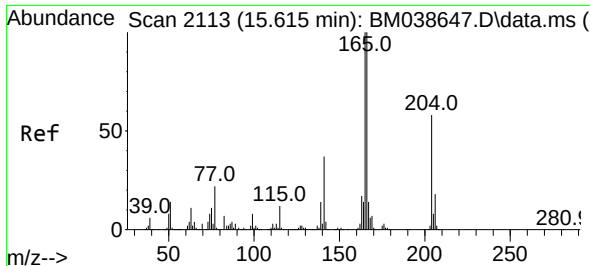
Tgt Ion:232 Resp: 109344
Ion Ratio Lower Upper
232 100
131 47.9 41.2 61.8
130 2.9 2.4 3.6
166 37.0 31.8 47.6



#60
Diethylphthalate
Concen: 39.756 ng
RT: 15.386 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:149 Resp: 467862
Ion Ratio Lower Upper
149 100
177 22.1 18.1 27.1
150 12.1 10.0 15.0

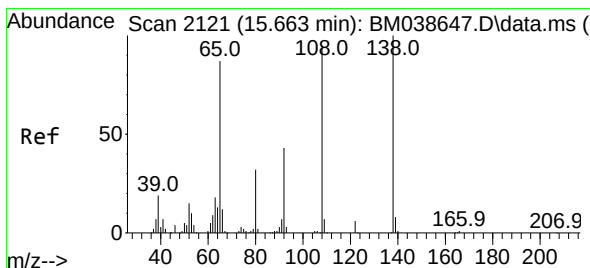
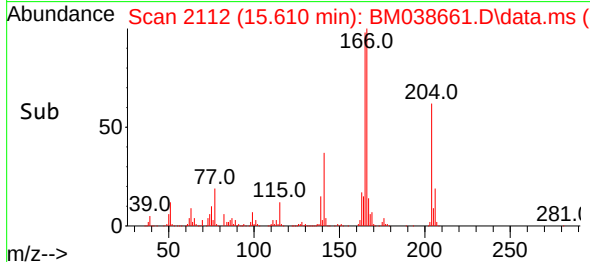
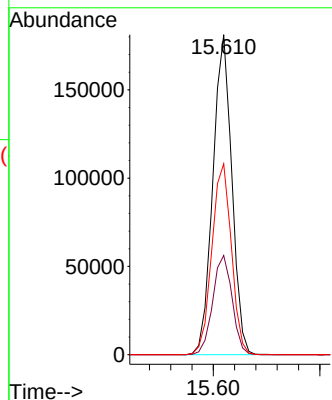
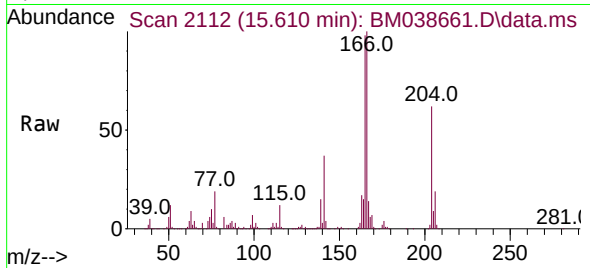




#61
4-Chlorophenyl-phenylether
Concen: 43.457 ng
RT: 15.610 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

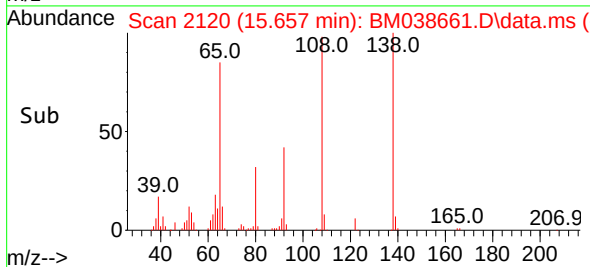
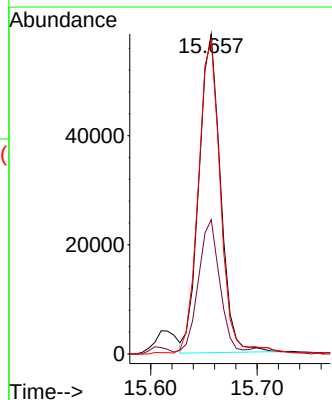
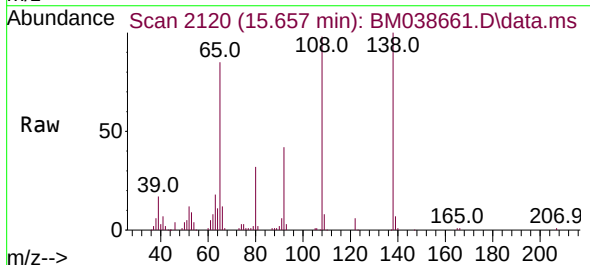
Instrument :
BNA_M
ClientSampleId :
PB150597BS

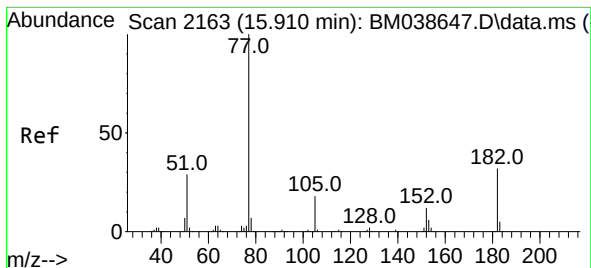
Tgt Ion:204 Resp: 224165
Ion Ratio Lower Upper
204 100
206 31.0 25.3 37.9
141 59.6 51.3 76.9



#62
4-Nitroaniline
Concen: 30.916 ng
RT: 15.657 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:138 Resp: 82000
Ion Ratio Lower Upper
138 100
92 42.0 23.4 63.4
108 98.1 75.1 115.1





#63

Azobenzene

Concen: 37.572 ng

RT: 15.898 min Scan# 2161

Delta R.T. -0.012 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

Instrument :

BNA_M

ClientSampleId :

PB150597BS

Tgt Ion: 77 Resp: 340185

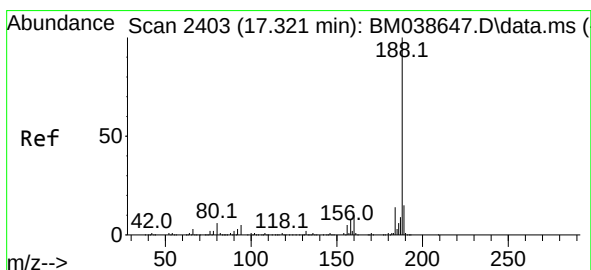
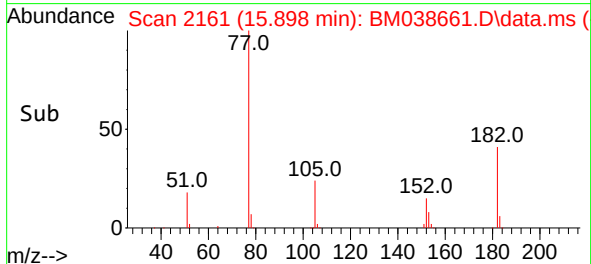
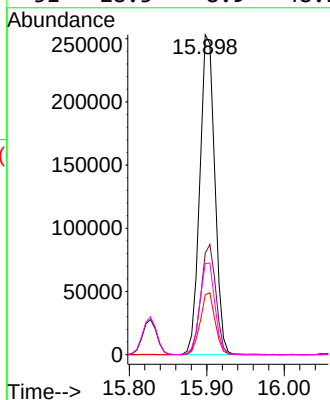
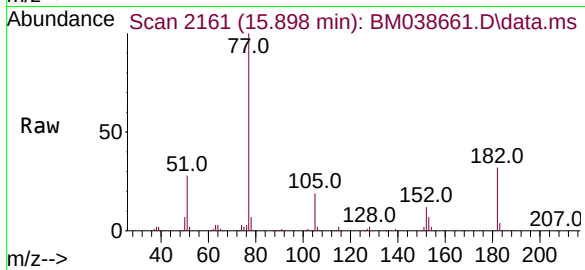
Ion Ratio Lower Upper

77 100

182 31.7 12.0 52.0

105 18.7 0.0 37.5

51 28.5 8.9 48.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2401

Delta R.T. -0.012 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

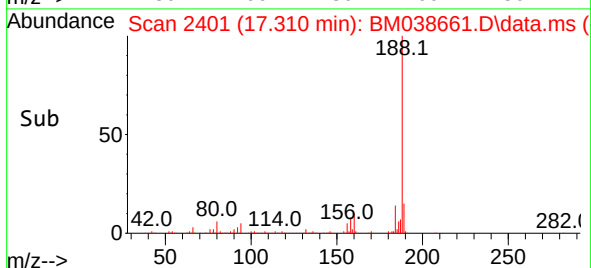
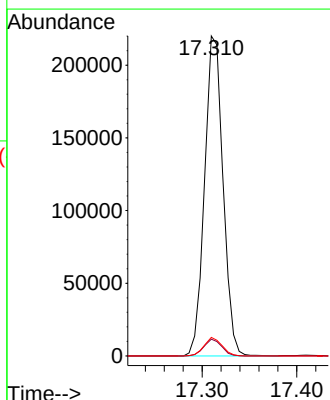
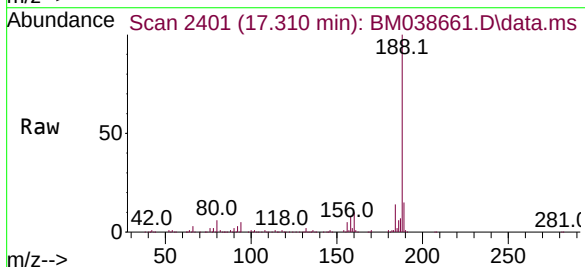
Tgt Ion: 188 Resp: 297631

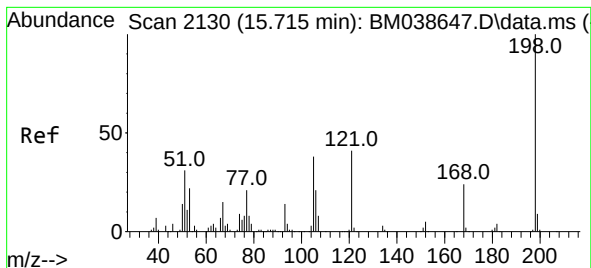
Ion Ratio Lower Upper

188 100

94 5.3 4.2 6.4

80 5.8 4.6 7.0

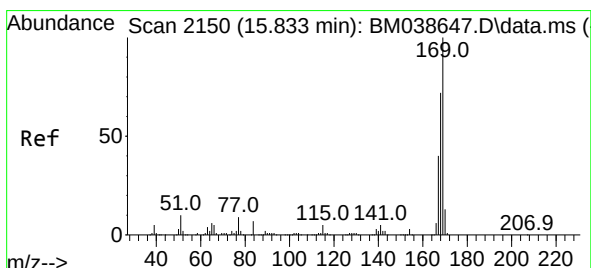
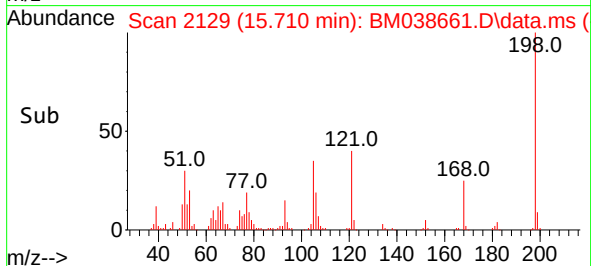
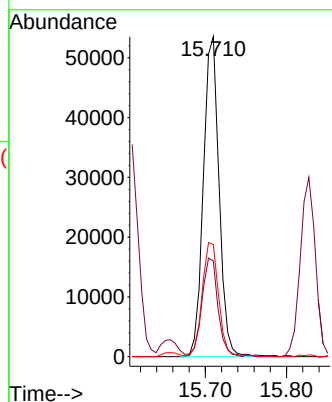
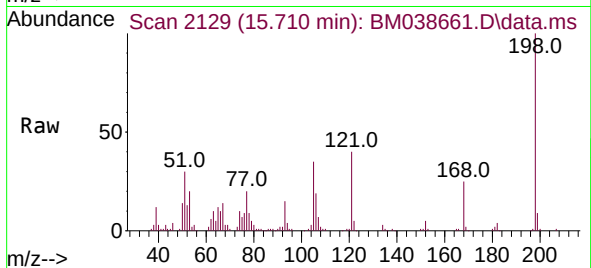




#65
4,6-Dinitro-2-methylphenol
Concen: 38.433 ng
RT: 15.710 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

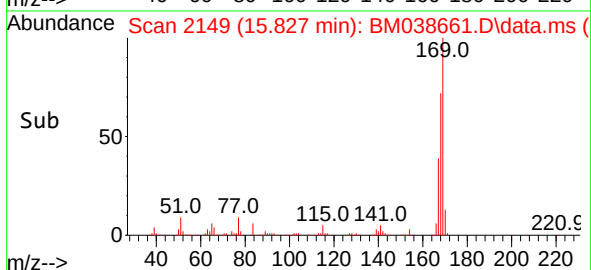
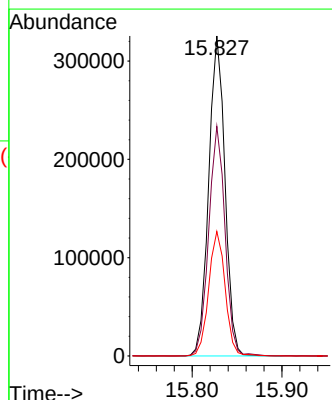
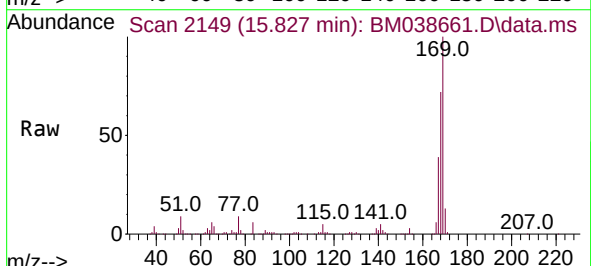
Instrument :
BNA_M
ClientSampleId :
PB150597BS

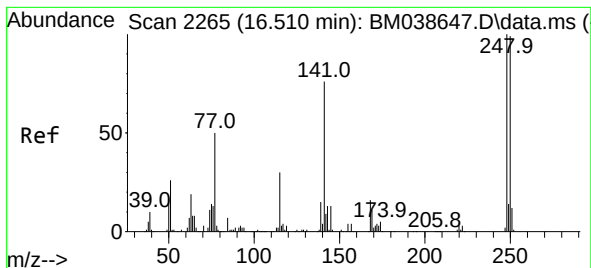
Tgt Ion:198 Resp: 72010
Ion Ratio Lower Upper
198 100
51 29.9 13.0 53.0
105 35.1 17.9 57.9



#66
n-Nitrosodiphenylamine
Concen: 42.113 ng
RT: 15.827 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:169 Resp: 409266
Ion Ratio Lower Upper
169 100
168 71.8 57.6 86.4
167 38.9 32.3 48.5

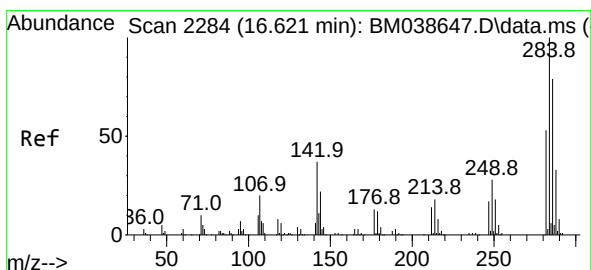
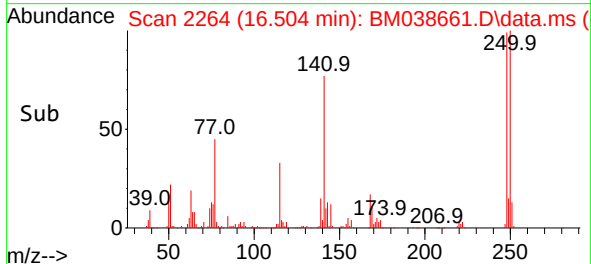
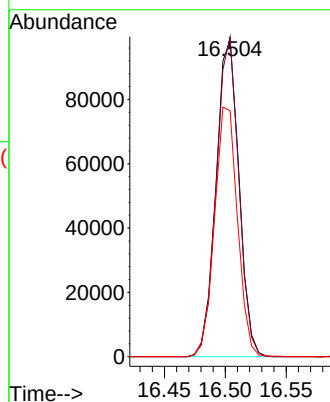
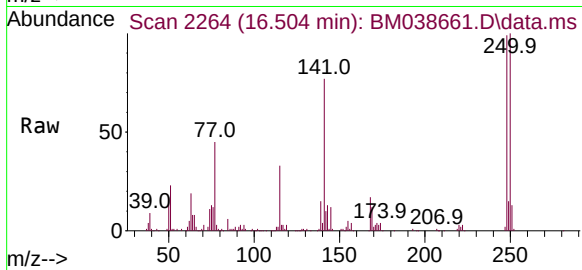




#67
4-Bromophenyl-phenylether
Concen: 44.958 ng
RT: 16.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

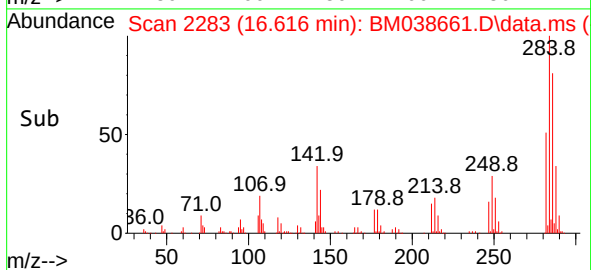
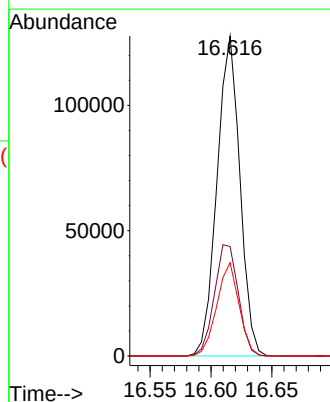
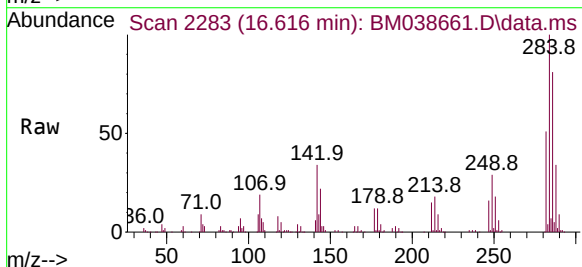
Instrument :
BNA_M
ClientSampleId :
PB150597BS

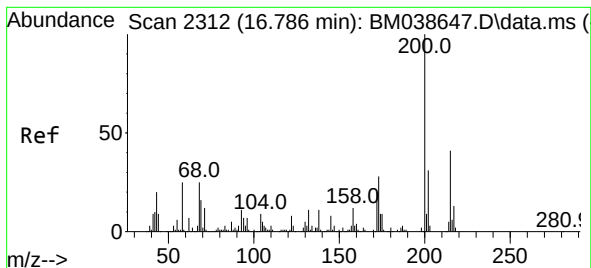
Tgt Ion:248 Resp: 129200
Ion Ratio Lower Upper
248 100
250 101.0 79.4 119.2
141 77.6 61.0 91.6



#68
Hexachlorobenzene
Concen: 47.536 ng
RT: 16.616 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:284 Resp: 166954
Ion Ratio Lower Upper
284 100
142 34.2 29.8 44.6
249 29.1 22.2 33.4





#69

Atrazine

Concen: 46.100 ng

RT: 16.780 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

Instrument :

BNA_M

ClientSampleId :

PB150597BS

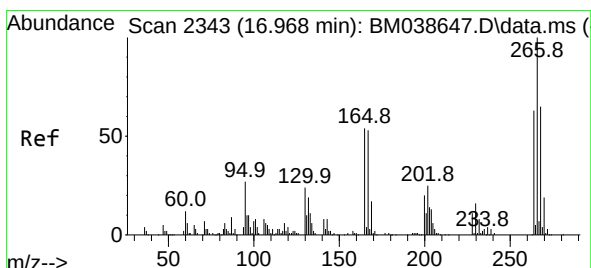
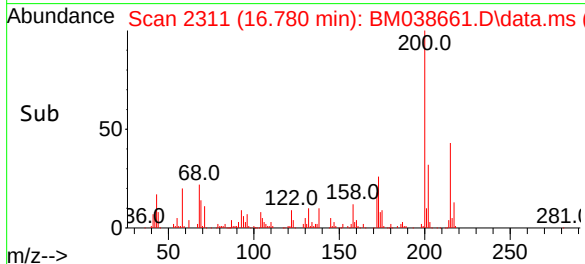
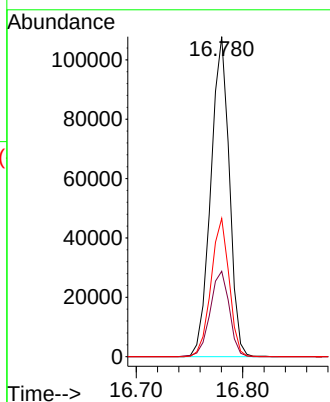
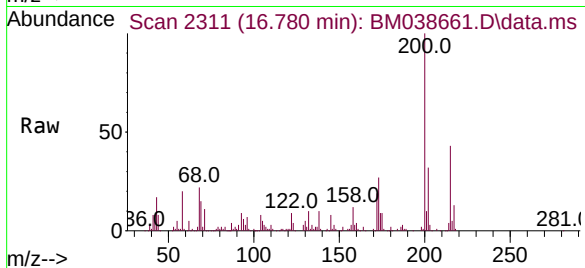
Tgt Ion:200 Resp: 129849

Ion Ratio Lower Upper

200 100

173 26.7 7.9 47.9

215 43.2 20.8 60.8



#70

Pentachlorophenol

Concen: 71.872 ng

RT: 16.969 min Scan# 2343

Delta R.T. 0.001 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

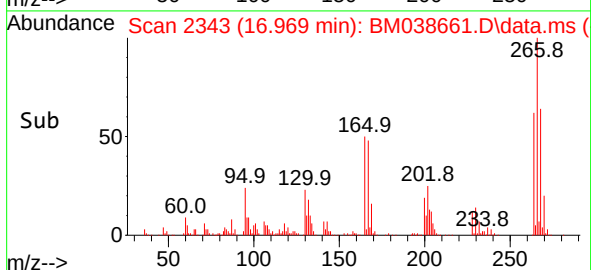
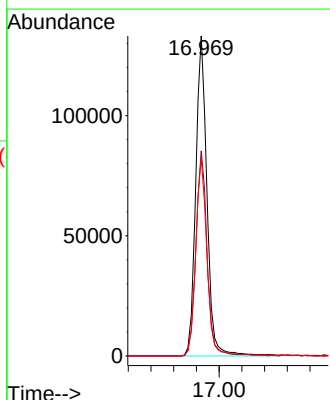
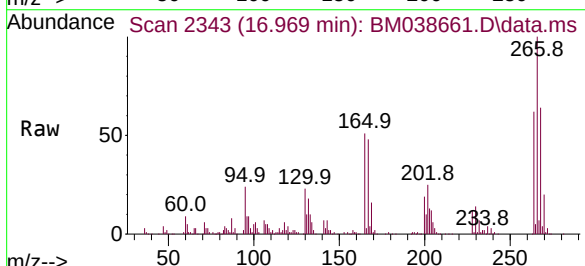
Tgt Ion:266 Resp: 184013

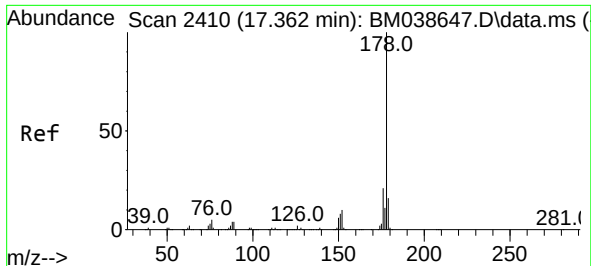
Ion Ratio Lower Upper

266 100

268 64.1 51.8 77.6

264 61.8 50.6 76.0

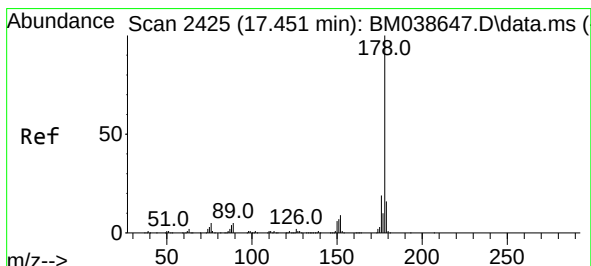
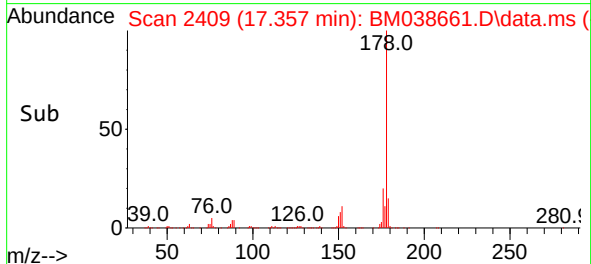
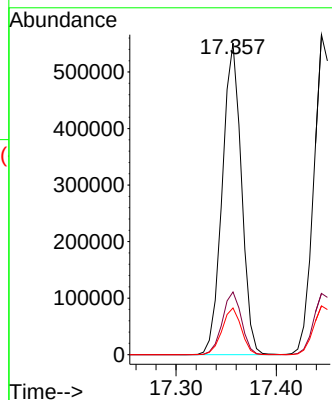
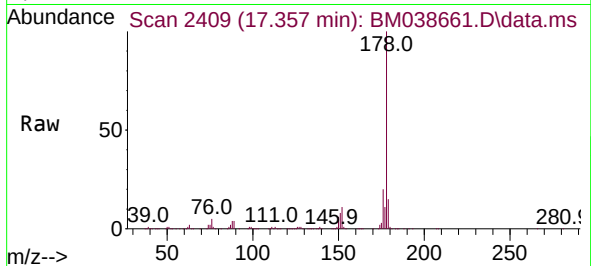




#71
Phenanthrene
Concen: 41.317 ng
RT: 17.357 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

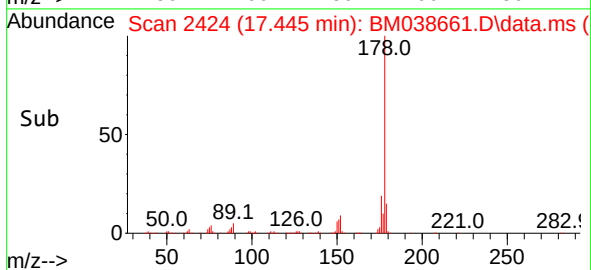
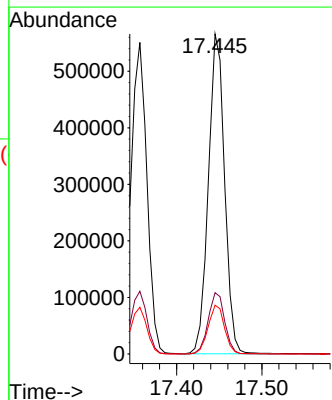
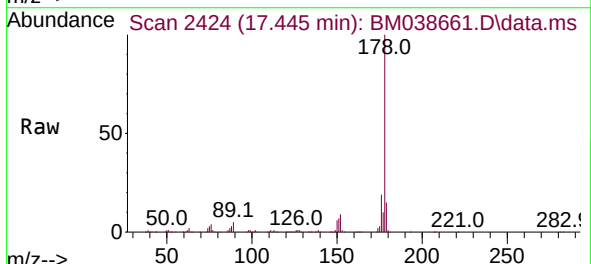
Instrument :
BNA_M
ClientSampleId :
PB150597BS

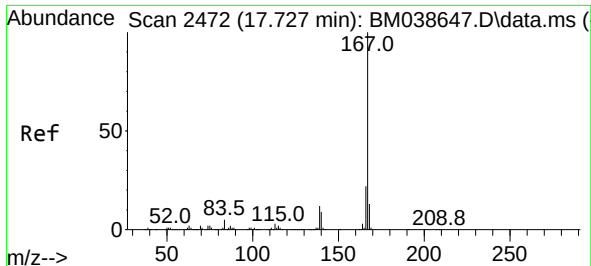
Tgt Ion:178 Resp: 730175
Ion Ratio Lower Upper
178 100
176 20.1 16.7 25.1
179 15.0 12.5 18.7



#72
Anthracene
Concen: 41.401 ng
RT: 17.445 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:178 Resp: 748499
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.2 12.4 18.6

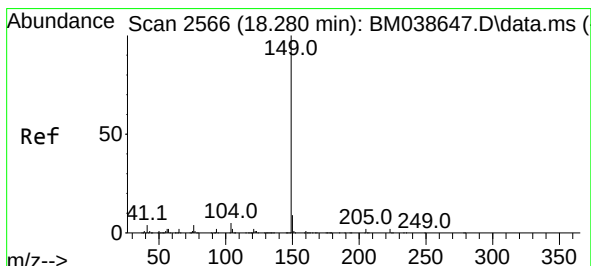
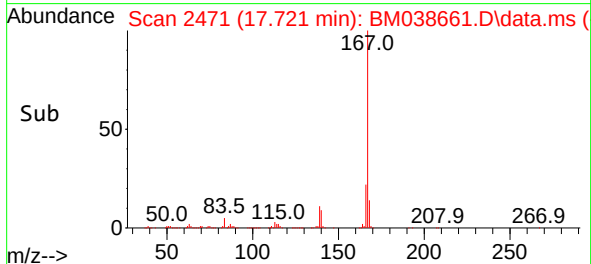
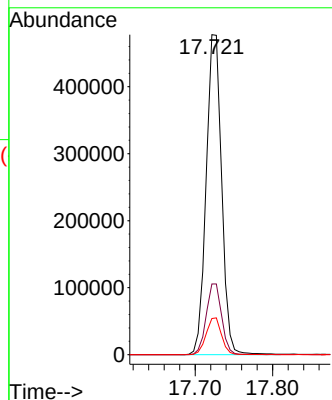
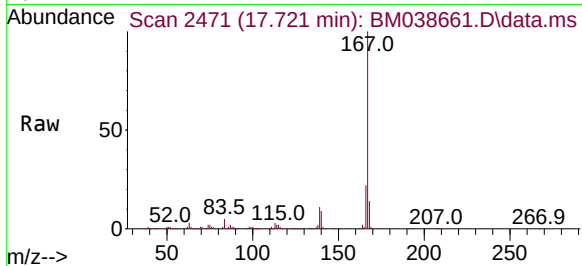




#73
Carbazole
Concen: 39.289 ng
RT: 17.721 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

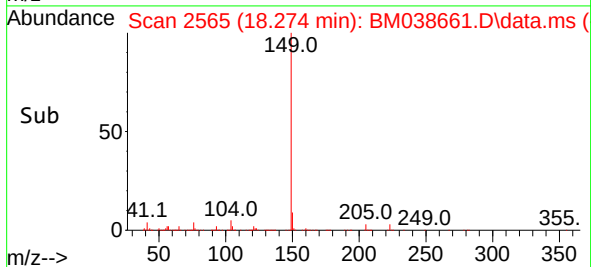
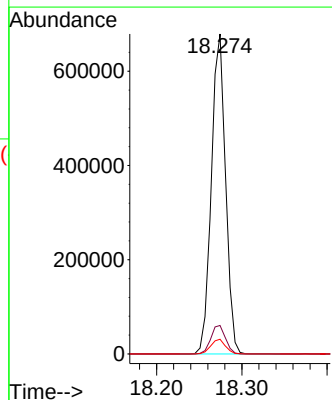
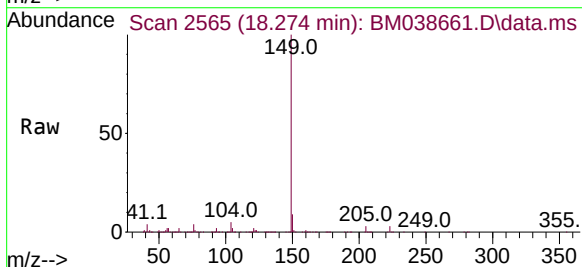
Instrument :
BNA_M
ClientSampleId :
PB150597BS

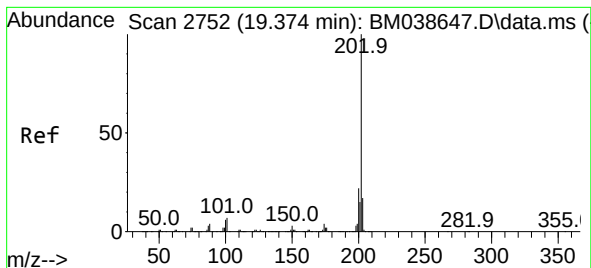
Tgt Ion:167 Resp: 662459
Ion Ratio Lower Upper
167 100
166 22.1 17.8 26.6
139 11.3 9.4 14.2



#74
Di-n-butylphthalate
Concen: 41.278 ng
RT: 18.274 min Scan# 2565
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:149 Resp: 786338
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 4.6 3.8 5.6





#75

Fluoranthene

Concen: 39.058 ng

RT: 19.368 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

Instrument :

BNA_M

ClientSampleId :

PB150597BS

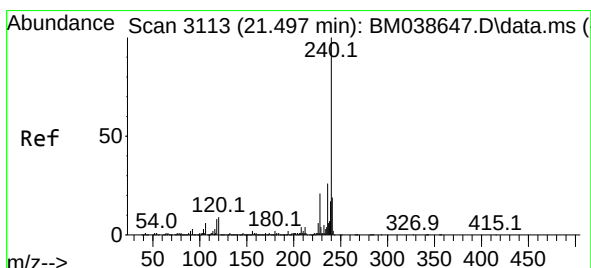
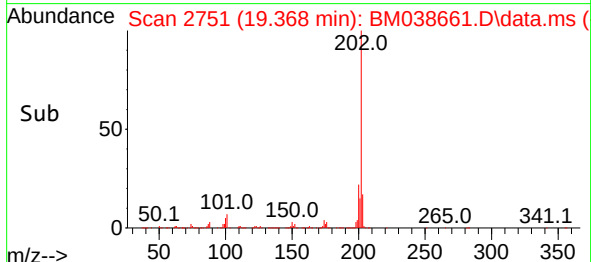
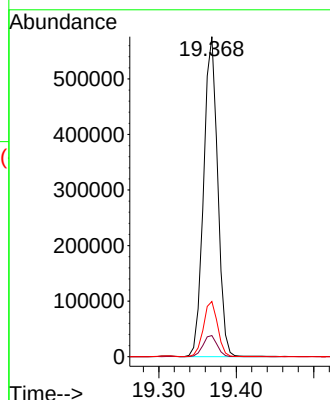
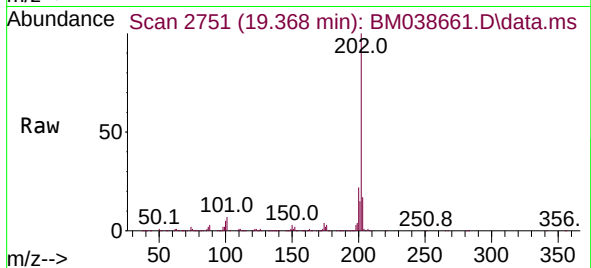
Tgt Ion:202 Resp: 724722

Ion Ratio Lower Upper

202 100

101 6.6 0.0 27.4

203 17.3 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

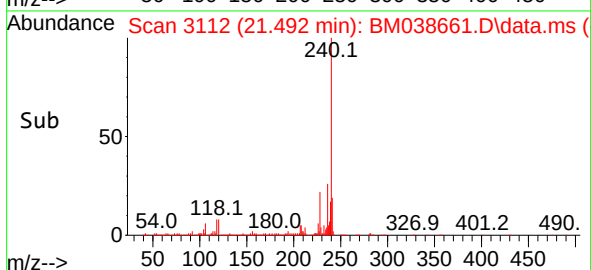
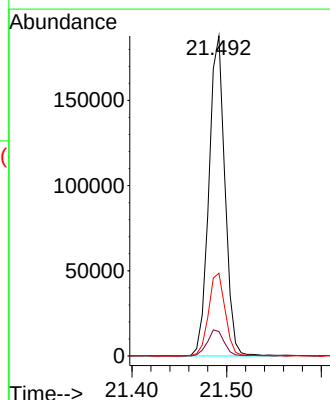
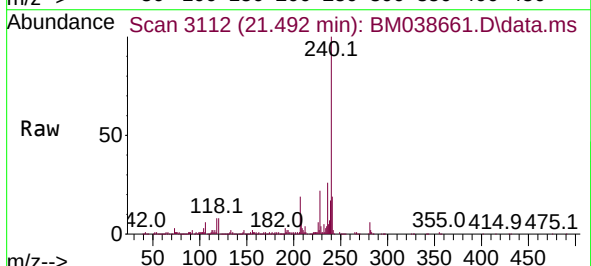
Tgt Ion:240 Resp: 220244

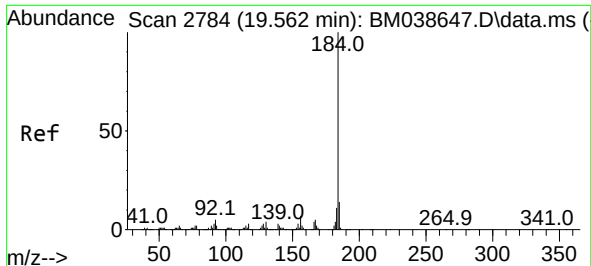
Ion Ratio Lower Upper

240 100

120 7.7 7.0 10.4

236 25.9 20.9 31.3

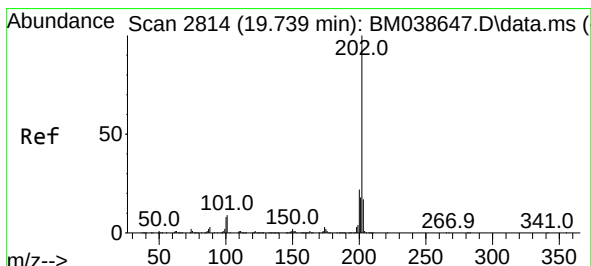
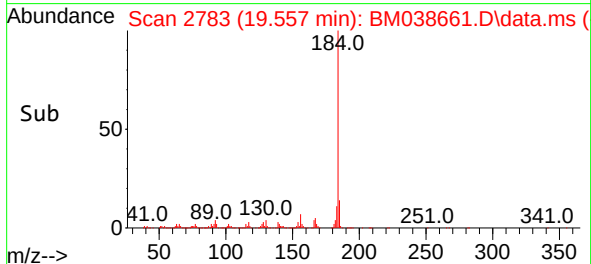
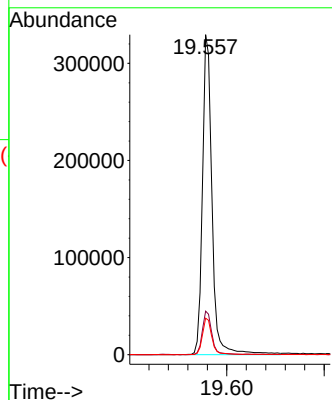
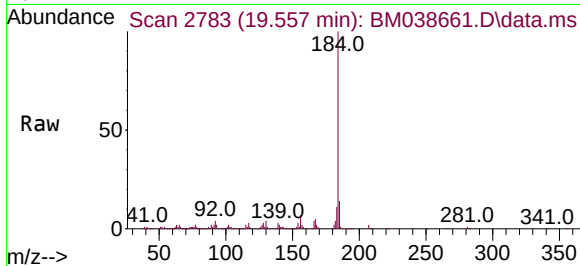




#77
Benzidine
Concen: 67.030 ng
RT: 19.557 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

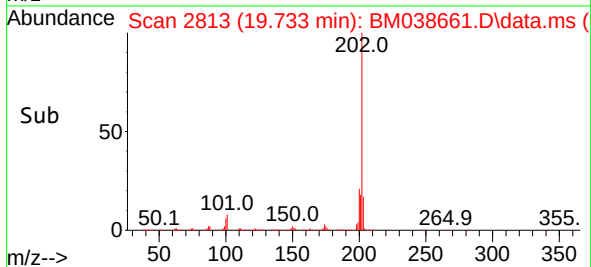
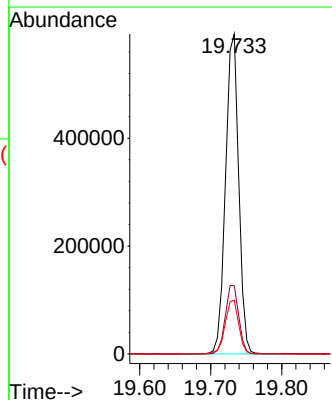
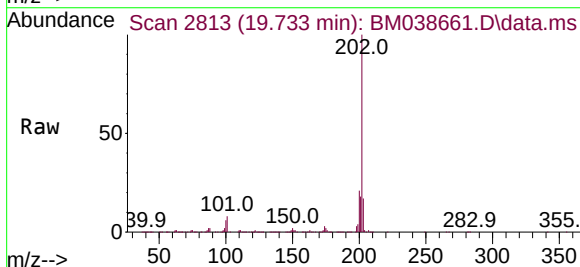
Instrument :
BNA_M
ClientSampleId :
PB150597BS

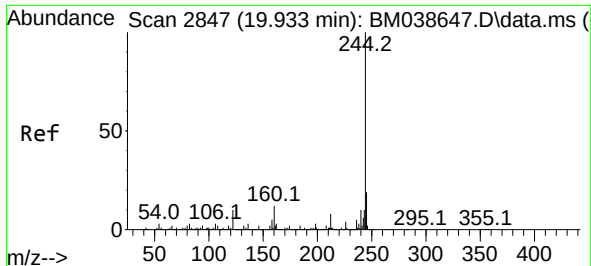
Tgt Ion:184 Resp: 452270
Ion Ratio Lower Upper
184 100
185 13.6 10.8 16.2
183 11.4 8.8 13.2



#78
Pyrene
Concen: 44.922 ng
RT: 19.733 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:202 Resp: 761725
Ion Ratio Lower Upper
202 100
200 21.3 17.8 26.6
203 16.8 13.5 20.3

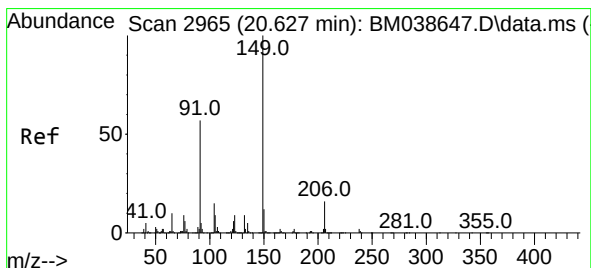
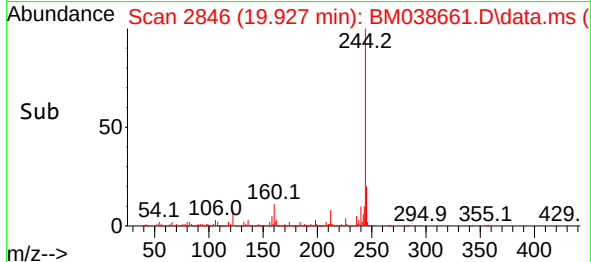
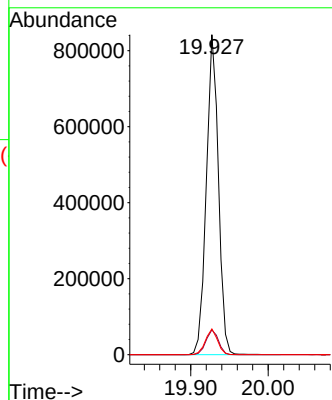
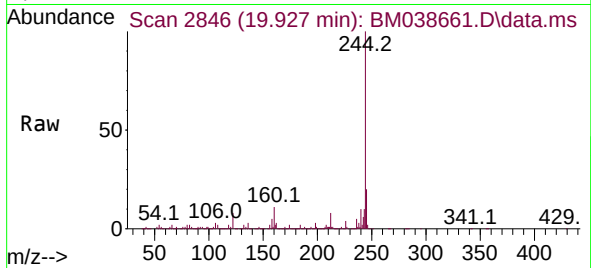




#79
 Terphenyl-d14
 Concen: 72.871 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038661.D
 Acq: 02 Feb 2023 13:34

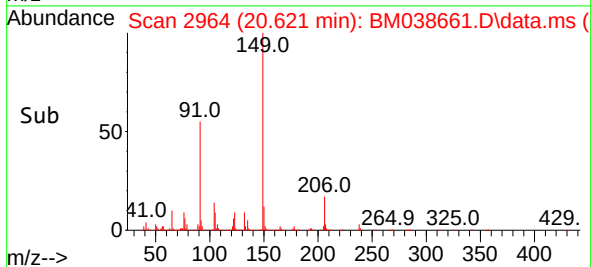
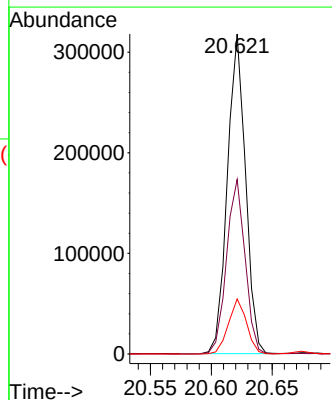
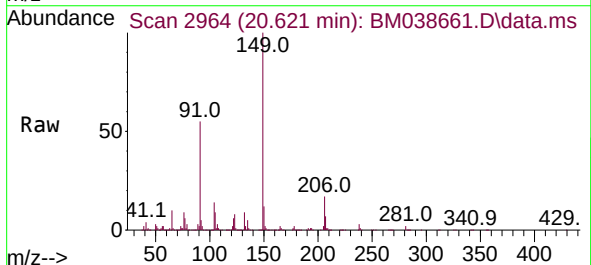
Instrument :
 BNA_M
 ClientSampleId :
 PB150597BS

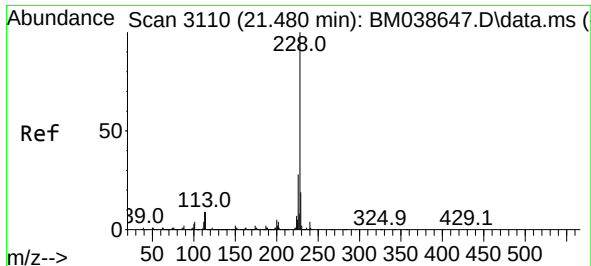
Tgt Ion:244 Resp: 909484
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 8.0 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 39.465 ng
 RT: 20.621 min Scan# 2964
 Delta R.T. -0.006 min
 Lab File: BM038661.D
 Acq: 02 Feb 2023 13:34

Tgt Ion:149 Resp: 330103
 Ion Ratio Lower Upper
 149 100
 91 54.5 45.6 68.4
 206 17.2 12.5 18.7

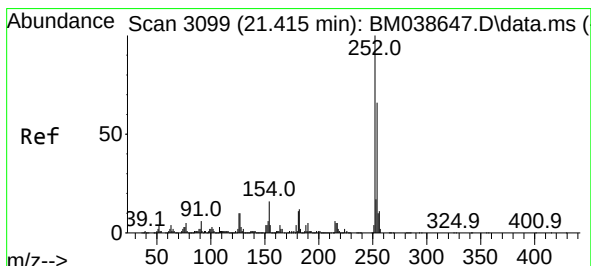
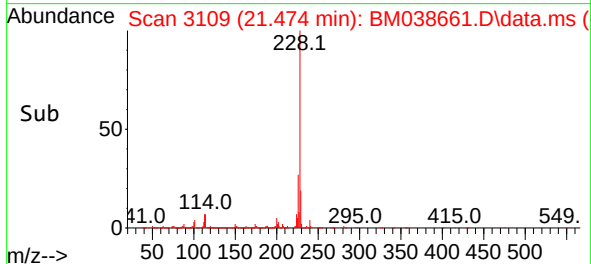
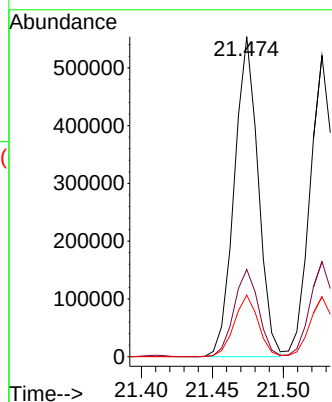
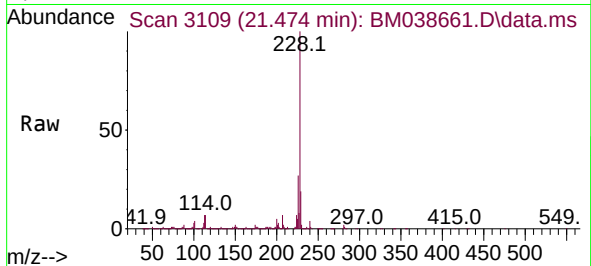




#81
Benzo(a)anthracene
Concen: 41.584 ng
RT: 21.474 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

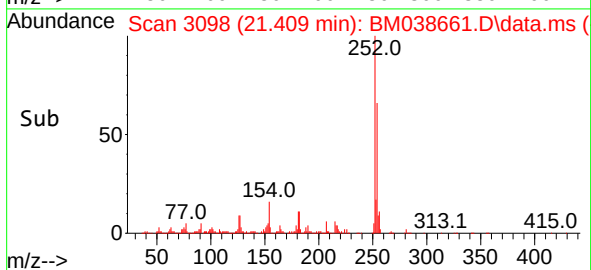
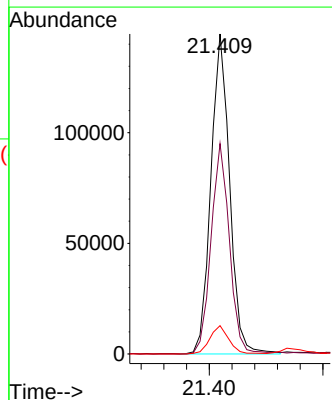
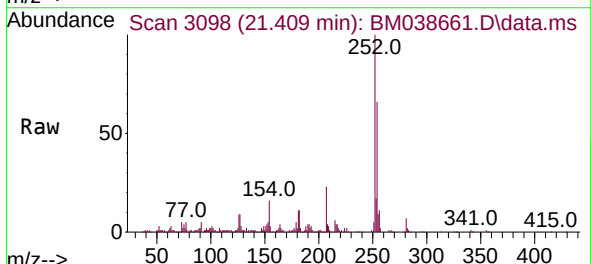
Instrument :
BNA_M
ClientSampleId :
PB150597BS

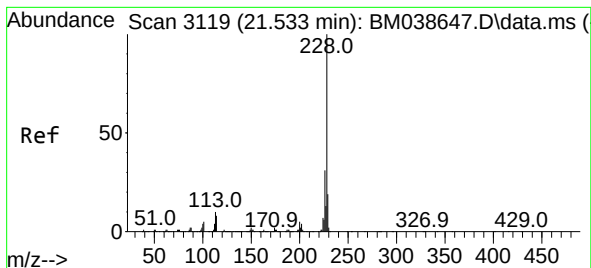
Tgt Ion:228 Resp: 647846
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 19.3 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 30.902 ng
RT: 21.409 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:252 Resp: 165631
Ion Ratio Lower Upper
252 100
254 65.8 52.8 79.2
126 8.9 8.2 12.2





#83

Chrysene

Concen: 40.698 ng

RT: 21.527 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

Instrument :

BNA_M

ClientSampleId :

PB150597BS

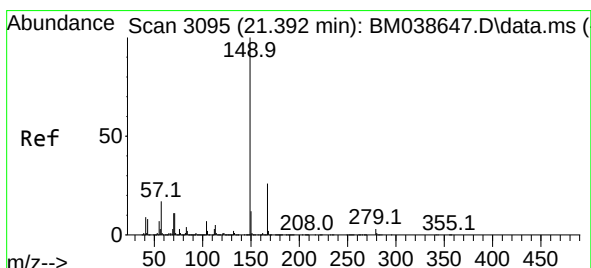
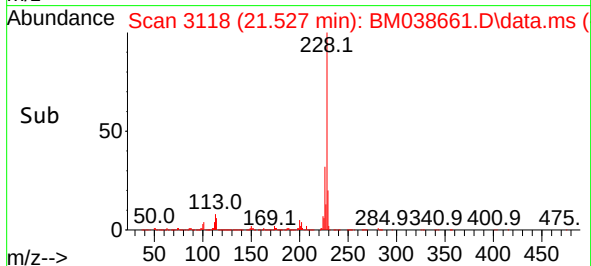
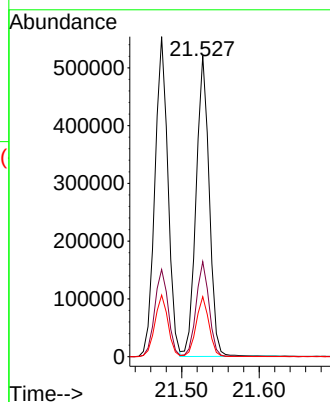
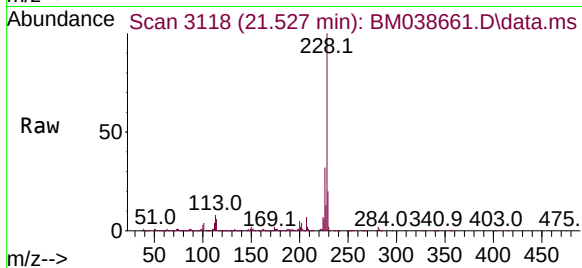
Tgt Ion:228 Resp: 610900

Ion Ratio Lower Upper

228 100

226 31.5 24.7 37.1

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.133 ng

RT: 21.386 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

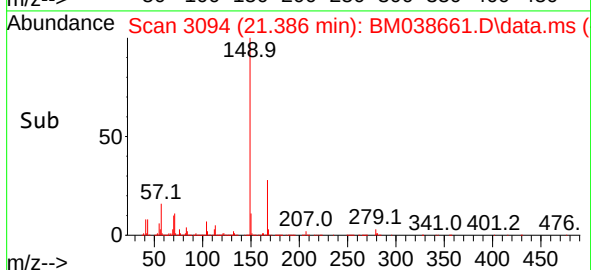
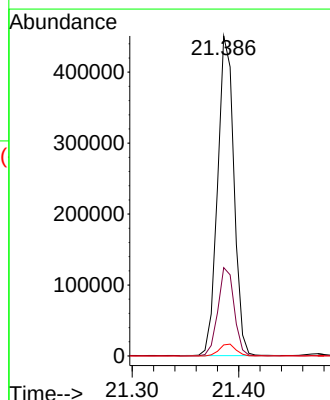
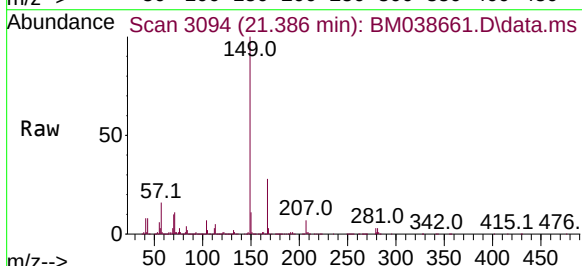
Tgt Ion:149 Resp: 477193

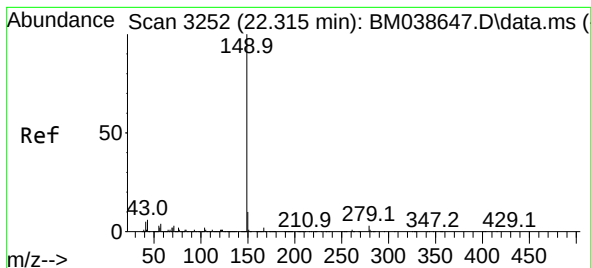
Ion Ratio Lower Upper

149 100

167 27.6 20.8 31.2

279 3.4 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 40.999 ng

RT: 22.309 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

Instrument :

BNA_M

ClientSampleId :

PB150597BS

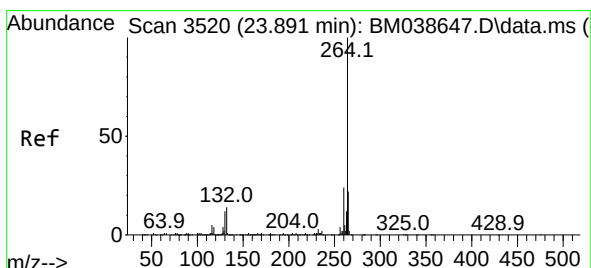
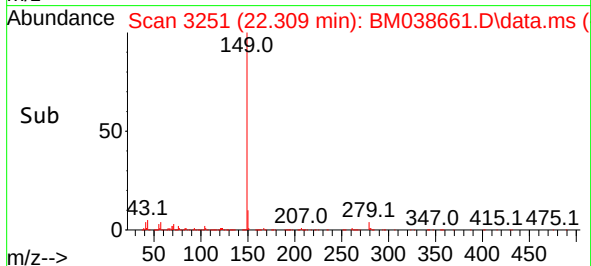
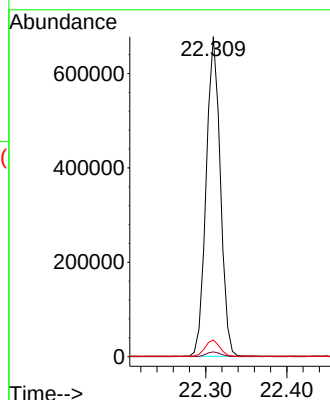
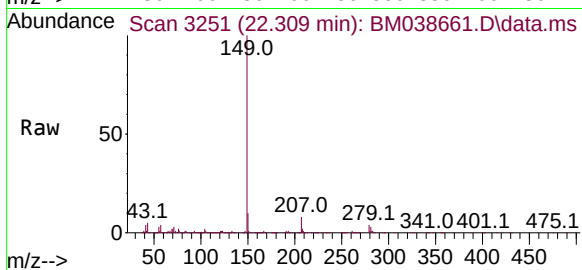
Tgt Ion:149 Resp: 818328

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 5.4 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.886 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

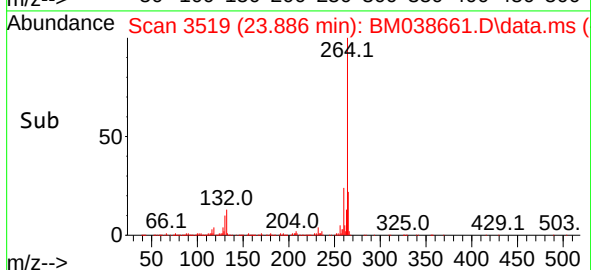
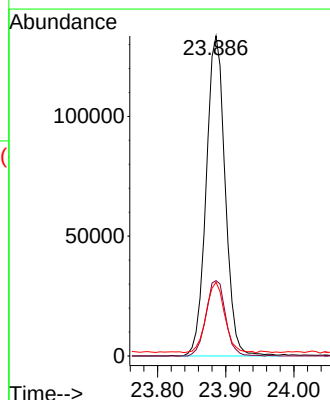
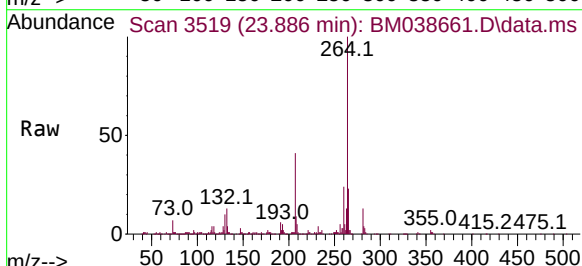
Tgt Ion:264 Resp: 258883

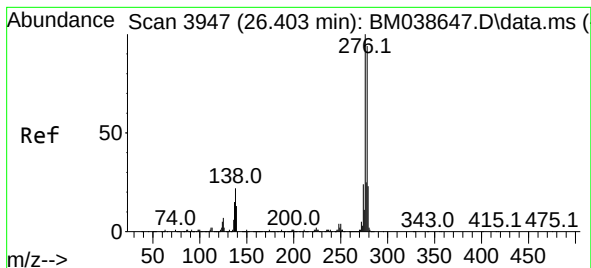
Ion Ratio Lower Upper

264 100

260 23.6 19.6 29.4

265 23.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.560 ng

RT: 26.386 min Scan# 3944

Delta R.T. -0.017 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

Instrument :

BNA_M

ClientSampleId :

PB150597BS

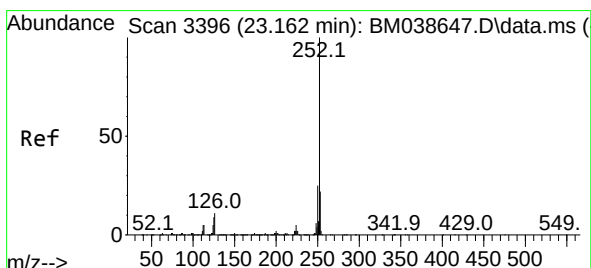
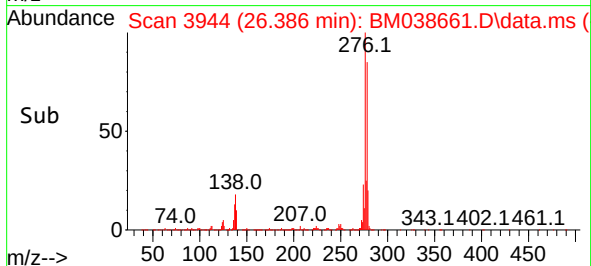
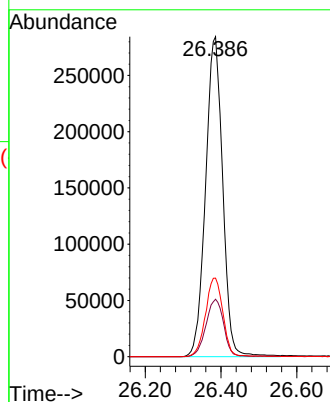
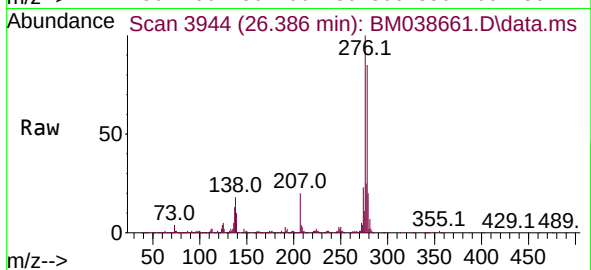
Tgt Ion:276 Resp: 888236

Ion Ratio Lower Upper

276 100

138 18.7 17.2 25.8

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 45.489 ng

RT: 23.156 min Scan# 3395

Delta R.T. -0.006 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

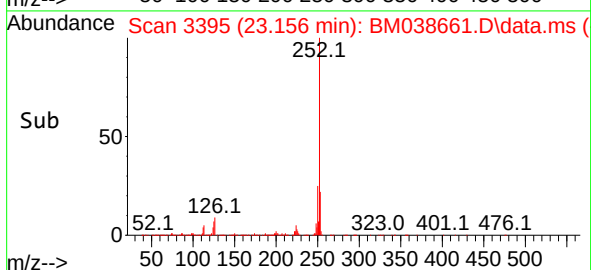
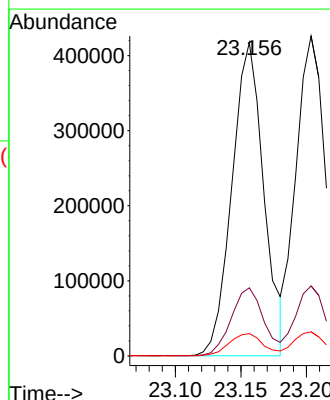
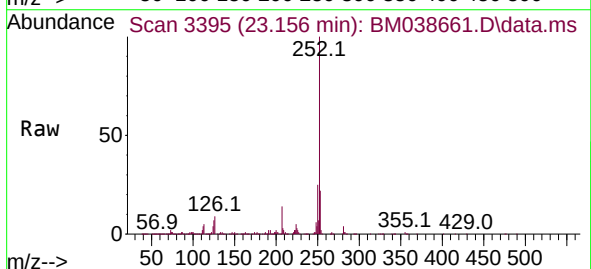
Tgt Ion:252 Resp: 705362

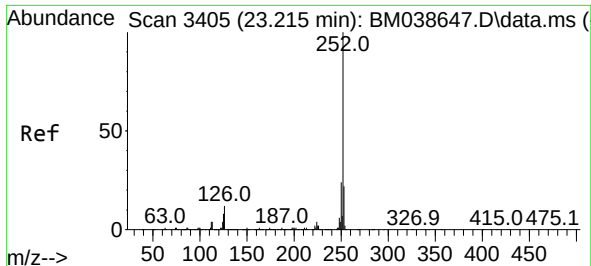
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 7.1 7.0 10.6

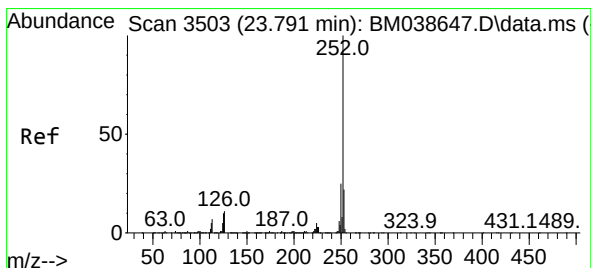
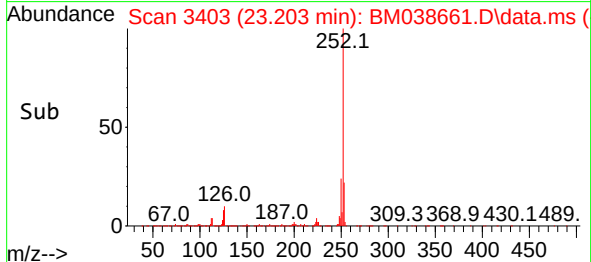
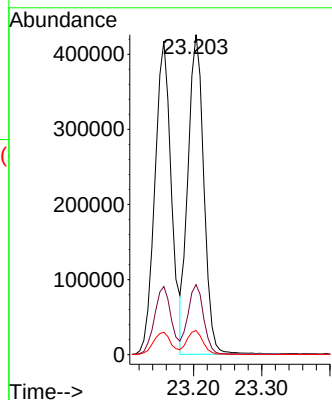
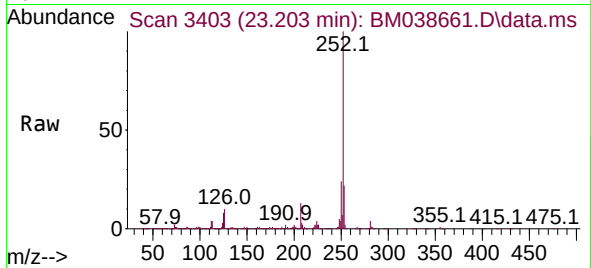




#89
Benzo(k)fluoranthene
Concen: 43.260 ng
RT: 23.203 min Scan# 3403
Delta R.T. -0.012 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

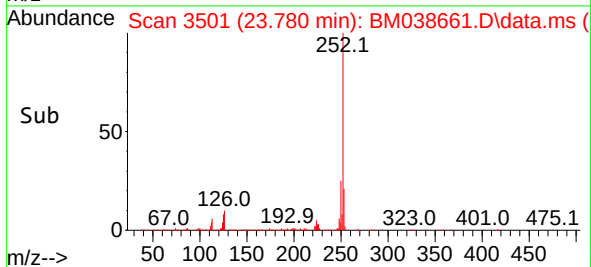
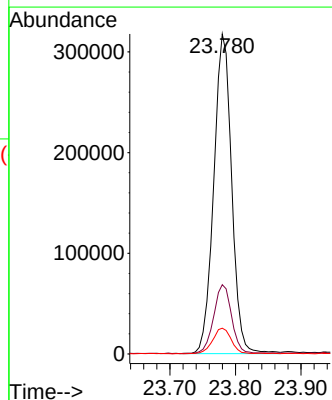
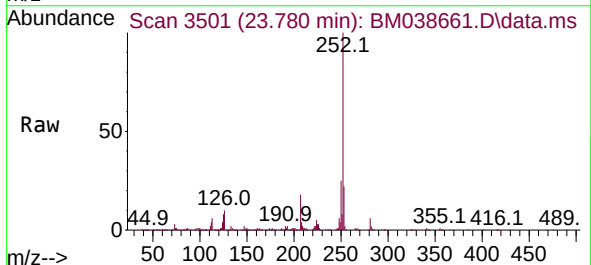
Instrument :
BNA_M
ClientSampleId :
PB150597BS

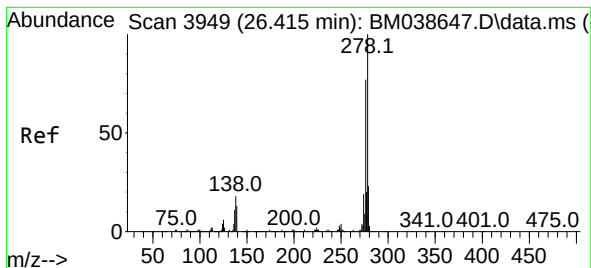
Tgt Ion:252 Resp: 681173
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 7.5 6.6 9.8



#90
Benzo(a)pyrene
Concen: 39.198 ng
RT: 23.780 min Scan# 3501
Delta R.T. -0.012 min
Lab File: BM038661.D
Acq: 02 Feb 2023 13:34

Tgt Ion:252 Resp: 601062
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 8.1 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 43.078 ng

RT: 26.397 min Scan# 3946

Delta R.T. -0.017 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

Instrument :

BNA_M

ClientSampleId :

PB150597BS

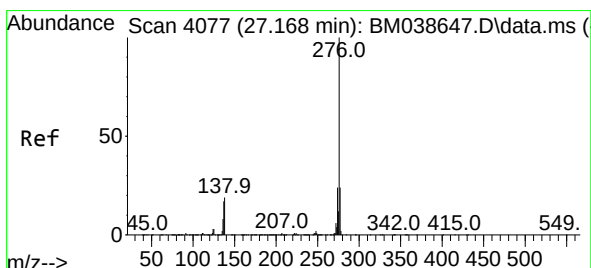
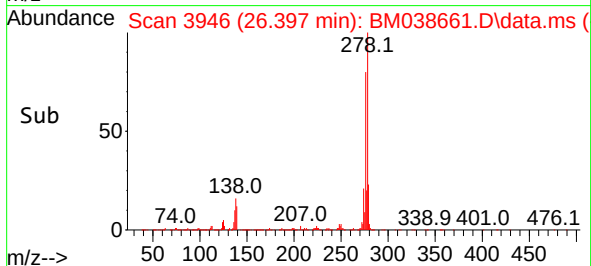
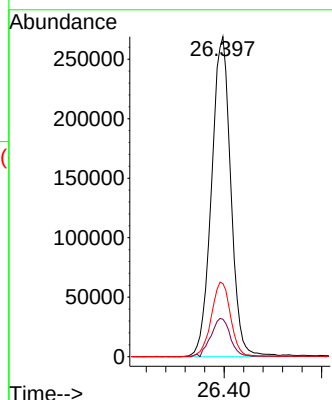
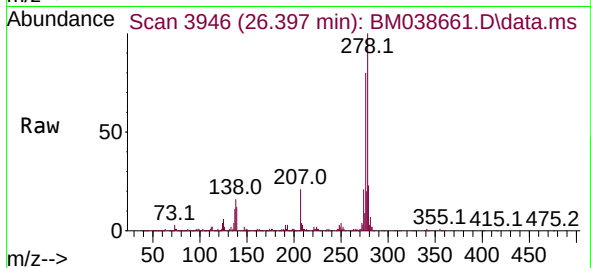
Tgt Ion:278 Resp: 739037

Ion Ratio Lower Upper

278 100

139 11.7 10.5 15.7

279 22.8 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 42.066 ng

RT: 27.156 min Scan# 4075

Delta R.T. -0.012 min

Lab File: BM038661.D

Acq: 02 Feb 2023 13:34

Tgt Ion:276 Resp: 729505

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 16.1 15.3 22.9

