

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
 Data File : BM038623.D
 Acq On : 31 Jan 2023 17:19
 Operator : CG/JU
 Sample : 01311-06MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 00:04:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 31 01:02:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	29816	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	99848	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	84490	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	217447	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.509	240	210538	20.000	ng/ul	# 0.00
88) Perylene-d12	23.915	264	278542	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	3354	4.011	ng/uL	0.00
4) Pyridine-d5	3.769	84	16660	7.956	ng/ul	0.00
7) Phenol-d5	7.116	99	11263	5.659	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	33833	29.124	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	35390	21.442	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	20260	12.758	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	21574	28.505	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	28116	28.130	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	63837	28.859	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	47465	22.080	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	234116	33.544	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	234229	31.537	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	4991	5.169	ng/ul	0.00
60) Fluorene-d10	15.580	176	222538	35.655	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	54658	29.365	ng/ul	0.00
73) Anthracene-d10	17.427	188	384385	35.118	ng/ul	0.00
81) Pyrene-d10	19.721	212	432001	39.822	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	525384	36.747	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	3321	3.686	ng/uL	94
5) Pyridine	3.787	79	15841	7.367	ng/ul#	90
6) Benzaldehyde	7.093	77	42682	46.512	ng/ul	97
8) Phenol	7.146	94	11788	5.916	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.375	93	40132	28.188	ng/ul	91
12) 2-Chlorophenol	7.510	128	35576	21.480	ng/ul	96
13) 2-Methylphenol	8.398	108	23287	15.381	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.487	45	43509	29.579	ng/ul	98
16) Acetophenone	8.787	105	81294	28.977	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.769	70	40796	31.642	ng/ul#	97
18) 4-Methylphenol	8.734	108	21761	13.541	ng/ul	98
19) Hexachloroethane	9.028	117	24757	29.635	ng/ul#	78
22) Nitrobenzene	9.169	77	68341	30.001	ng/ul	97
23) Isophorone	9.692	82	109354	31.725	ng/ul	96
25) 2-Nitrophenol	9.881	139	28413	28.679	ng/ul	91
26) 2,4-Dimethylphenol	9.939	107	43436	20.185	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.175	93	54060	30.758	ng/ul	97
29) 2,4-Dichlorophenol	10.410	162	60397	28.727	ng/ul#	93
30) Naphthalene	10.816	128	146487	29.569	ng/ul	98
32) 4-Chloroaniline	10.934	127	49983	23.171	ng/ul	99
33) Hexachlorobutadiene	11.086	225	74510	34.102	ng/ul	97
35) 4-Chloro-3-methylphenol	12.051	107	40447	24.355	ng/ul#	84
36) 2-Methylnaphthalene	12.422	142	119099	32.322	ng/ul	96
37) 1-Methylnaphthalene	12.639	142	121858	32.037	ng/ul	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
 Data File : BM038623.D
 Acq On : 31 Jan 2023 17:19
 Operator : CG/JU
 Sample : 01311-06MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

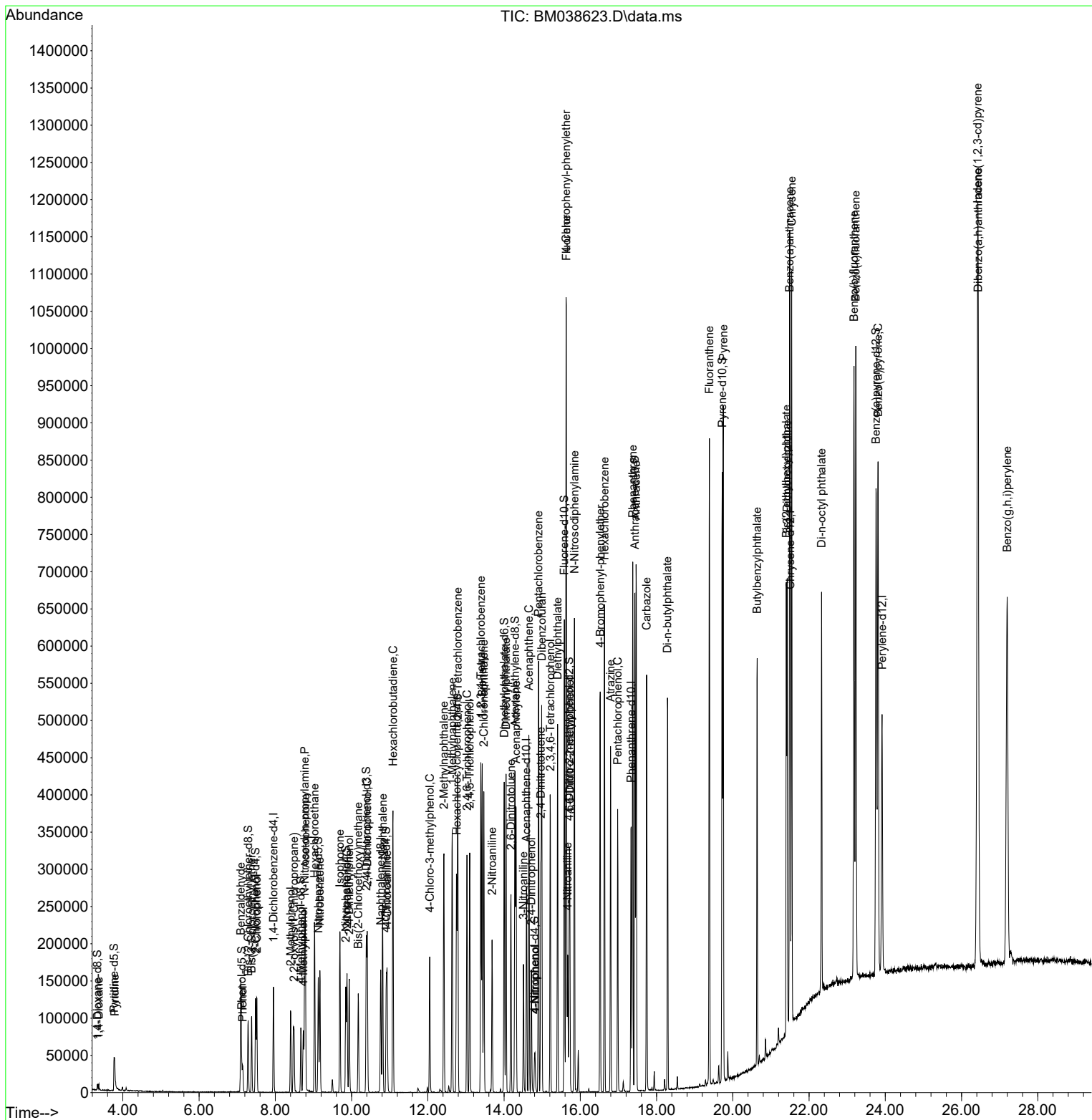
Instrument :
 BNA_M
 ClientSampleId :

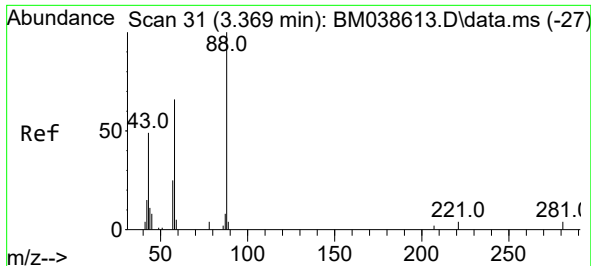
Quant Time: Feb 01 00:04:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 31 01:02:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.786	216	128931	31.000	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	80458	27.110	ng/ul	97
41) 2,4,6-Trichlorophenol	13.028	196	77258	30.510	ng/ul	90
42) 2,4,5-Trichlorophenol	13.098	196	81325	30.074	ng/ul	95
43) 1,1'-Biphenyl	13.427	154	191634	29.497	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	165552	30.675	ng/ul#	92
45) 2-Nitroaniline	13.686	65	44700	30.965	ng/ul	93
47) Dimethylphthalate	14.051	163	229674	33.443	ng/ul	98
48) 2,6-Dinitrotoluene	14.180	165	44843	35.256	ng/ul#	89
50) Acenaphthylene	14.316	152	222900	30.012	ng/ul	98
51) 3-Nitroaniline	14.510	138	28336	30.951	ng/ul	99
52) Acenaphthene	14.651	153	168571	30.493	ng/ul	98
53) 2,4-Dinitrophenol	14.716	184	33070	32.343	ng/ul	90
55) 4-Nitrophenol	14.816	109	9847	6.079	ng/ul#	90
56) Dibenzofuran	14.986	168	275521	33.509	ng/ul	88
57) 2,4-Dinitrotoluene	14.963	165	68425	36.499	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.216	232	78531	33.168	ng/ul#	87
59) Diethylphthalate	15.404	149	220805	34.296	ng/ul#	93
61) Fluorene	15.633	166	246655	35.620	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.627	204	171310	35.159	ng/ul	91
63) 4-Nitroaniline	15.669	138	23532	31.176	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.721	198	53838	30.649	ng/ul	91
67) N-Nitrosodiphenylamine	15.845	169	210087	34.268	ng/ul	97
68) 4-Bromophenyl-phenylether	16.521	248	104762	34.193	ng/ul	93
69) Hexachlorobenzene	16.633	284	125829	35.181	ng/ul#	91
70) Atrazine	16.792	200	100942	32.815	ng/ul	98
71) Pentachlorophenol	16.980	266	65919	28.812	ng/ul	96
72) Phenanthrene	17.374	178	397564	34.985	ng/ul	99
74) Anthracene	17.463	178	411423	34.574	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.392	216	122600	29.334	ng/uL	99
76) Pentachlorobenzene	14.904	250	137057	31.515	ng/uL	100
77) Carbazole	17.739	167	307744	29.794	ng/ul#	95
78) Di-n-butylphthalate	18.286	149	331628	33.185	ng/ul	99
80) Fluoranthene	19.386	202	511918	40.711	ng/ul#	97
82) Pyrene	19.751	202	538777	40.375	ng/ul#	96
83) Butylbenzylphthalate	20.639	149	131054	34.048	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.427	252	177101	34.241	ng/ul#	96
85) Benzo(a)anthracene	21.492	228	524195	35.148	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.403	149	185859	33.935	ng/ul	94
87) Chrysene	21.545	228	492701	35.691	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	335550	28.445	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	635724	36.916	ng/ul	100
91) Benzo(k)fluoranthene	23.227	252	612330	35.673	ng/ul#	98
93) Benzo(a)pyrene	23.809	252	576598	36.156	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	897585	35.607	ng/ul	99
95) Dibenzo(a,h)anthracene	26.433	278	753256	35.208	ng/ul	99
96) Benzo(g,h,i)perylene	27.197	276	729289	35.644	ng/ul#	99

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

Quant Time: Feb 01 00:04:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 31 01:02:54 2023
Response via : Initial Calibration

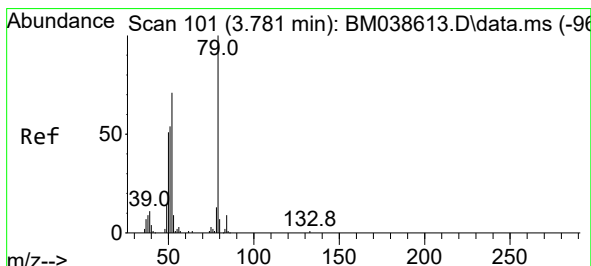
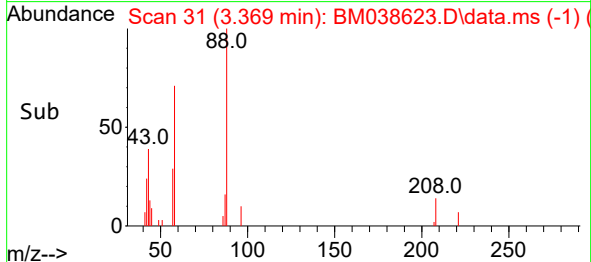
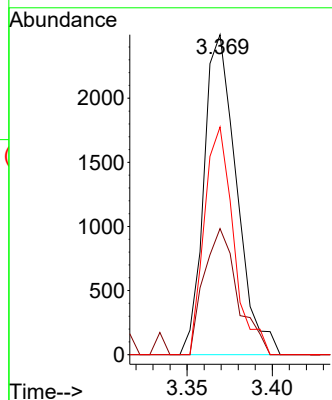
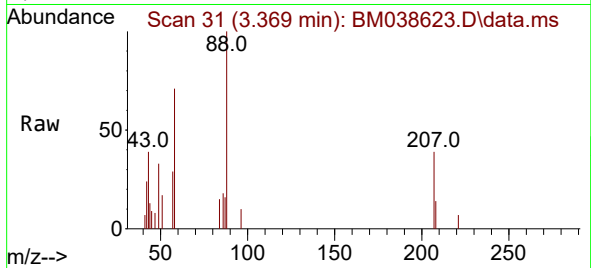




#2
1,4-Dioxane
Concen: 3.686 ng/uL
RT: 3.369 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

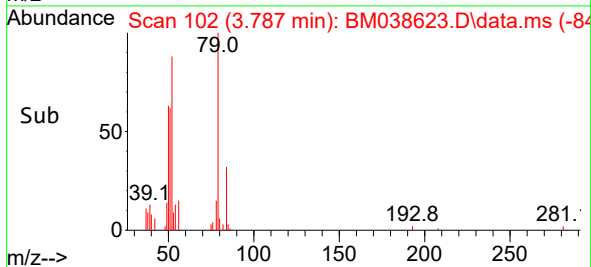
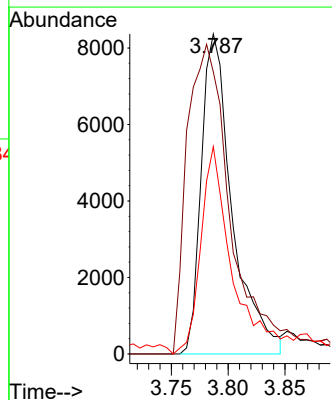
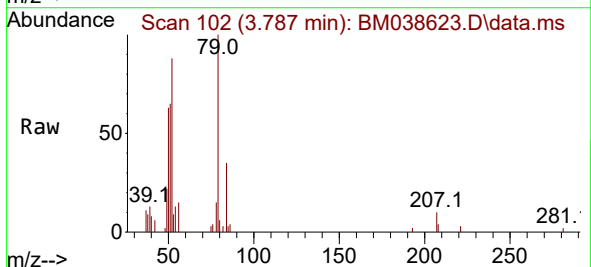
Instrument :
BNA_M
ClientSampleId :

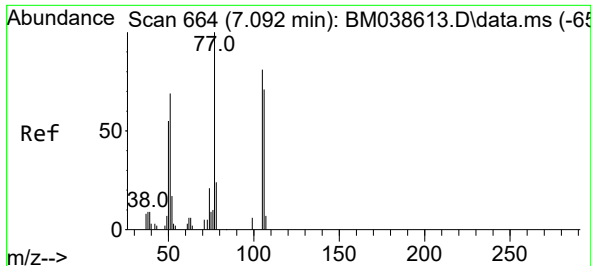
Tgt Ion: 88 Resp: 3321
Ion Ratio Lower Upper
88 100
43 39.4 33.8 50.8
58 71.2 52.1 78.1



#5
Pyridine
Concen: 7.367 ng/uL
RT: 3.787 min Scan# 102
Delta R.T. 0.006 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

Tgt Ion: 79 Resp: 15841
Ion Ratio Lower Upper
79 100
52 88.2 67.4 101.0
51 64.8 40.7 61.1#

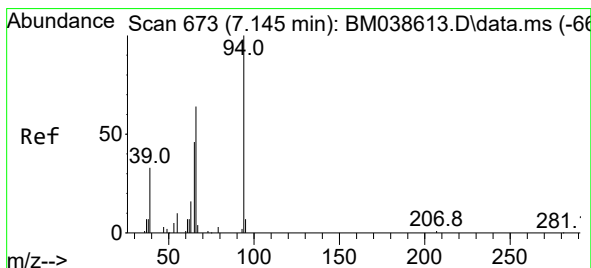
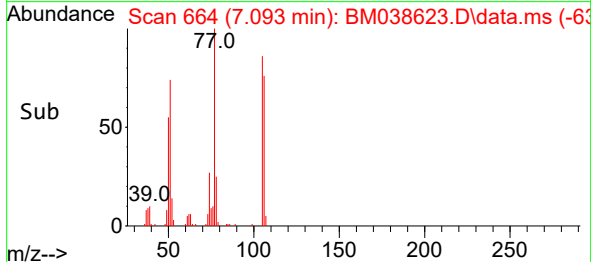
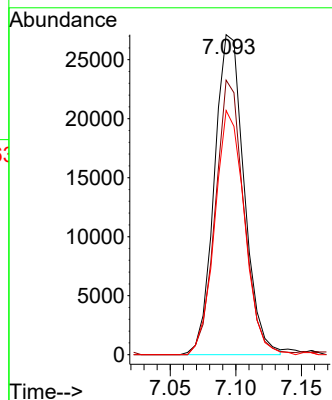
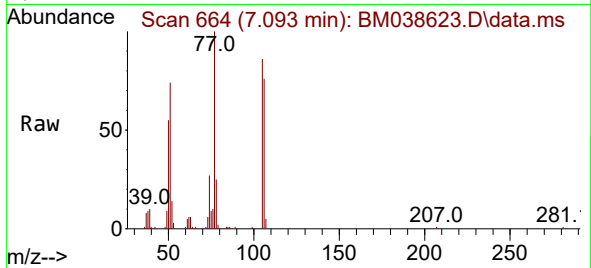




#6
Benzaldehyde
Concen: 46.512 ng/ul
RT: 7.093 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

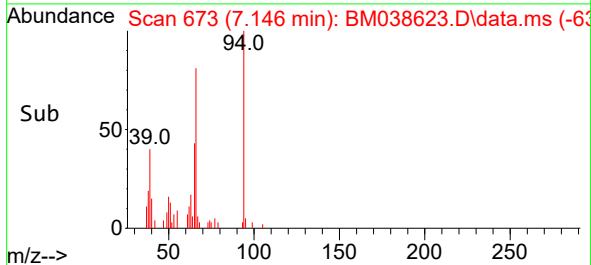
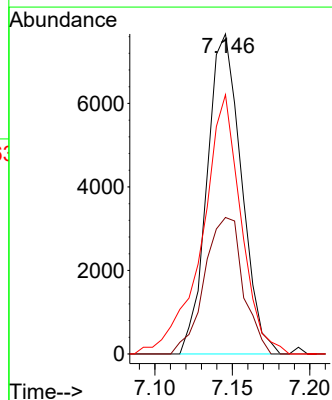
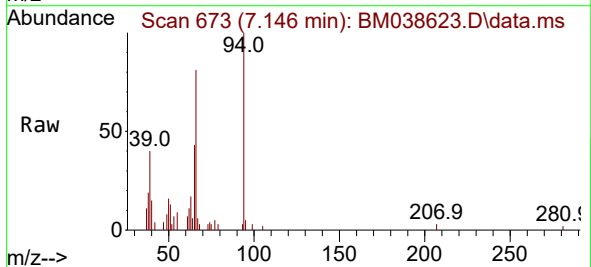
Instrument :
BNA_M
ClientSampleId :

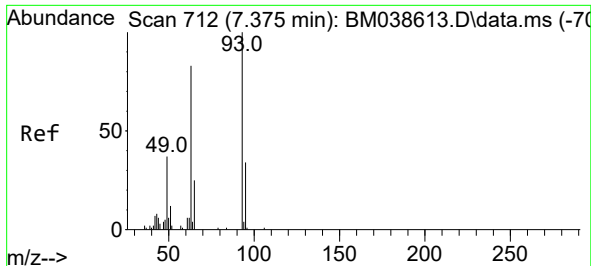
Tgt Ion: 77 Resp: 42682
Ion Ratio Lower Upper
77 100
105 85.8 68.3 102.5
106 76.3 57.7 86.5



#8
Phenol
Concen: 5.916 ng/ul
RT: 7.146 min Scan# 673
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

Tgt Ion: 94 Resp: 11788
Ion Ratio Lower Upper
94 100
65 42.7 38.2 57.2
66 81.0 57.9 86.9

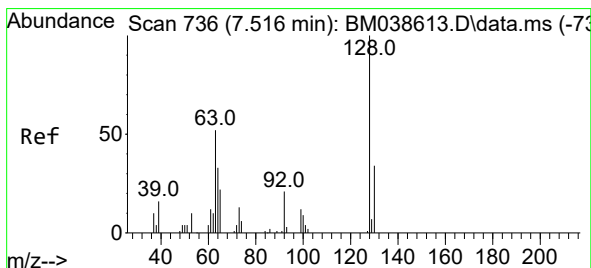
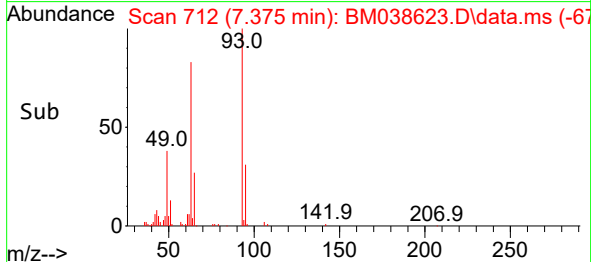
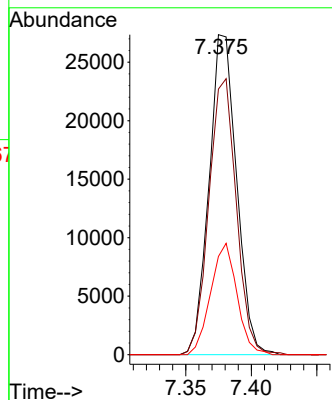
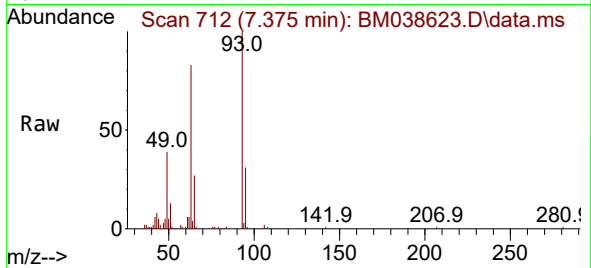




#10
Bis(2-Chloroethyl)ether
Concen: 28.188 ng/ul
RT: 7.375 min Scan# 712
Delta R.T. -0.006 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

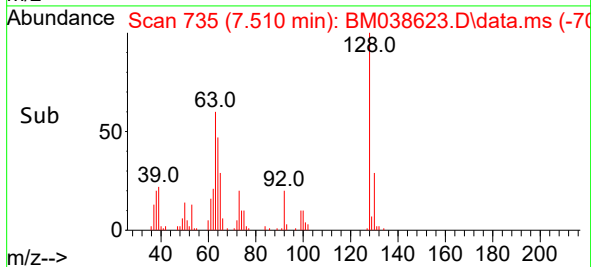
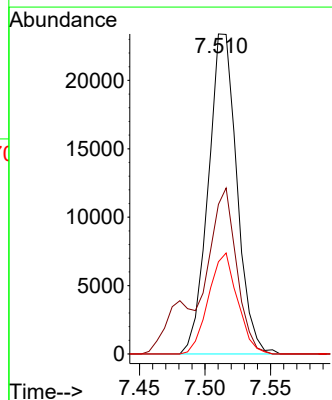
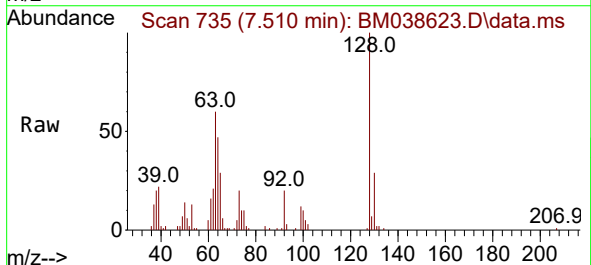
Instrument :
BNA_M
ClientSampleId :

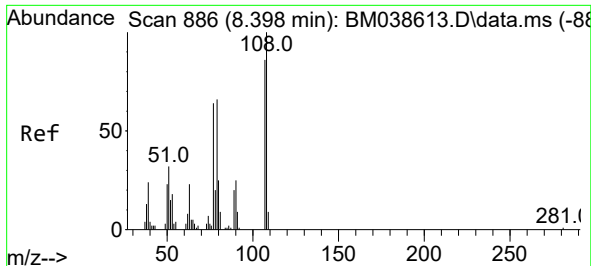
Tgt Ion: 93 Resp: 40132
Ion Ratio Lower Upper
93 100
63 83.0 73.9 110.9
95 30.7 28.0 42.0



#12
2-Chlorophenol
Concen: 21.480 ng/ul
RT: 7.510 min Scan# 735
Delta R.T. -0.006 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

Tgt Ion: 128 Resp: 35576
Ion Ratio Lower Upper
128 100
64 46.7 40.0 60.0
130 28.8 24.4 36.6





#13

2-Methylphenol

Concen: 15.381 ng/ul

RT: 8.398 min Scan# 886

Delta R.T. -0.006 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

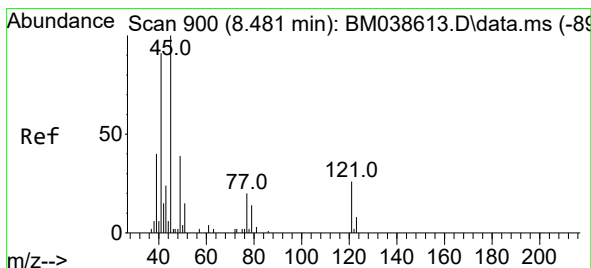
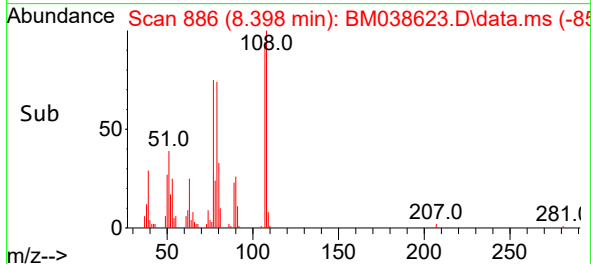
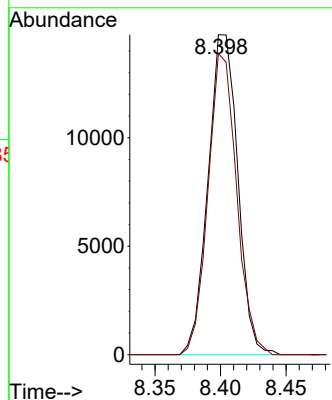
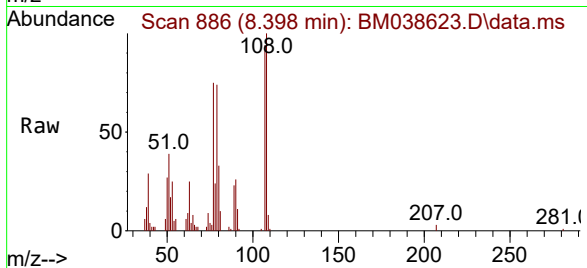
ClientSampleId :

Tgt Ion:108 Resp: 23287

Ion Ratio Lower Upper

108 100

107 94.2 66.6 100.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 29.579 ng/ul

RT: 8.487 min Scan# 901

Delta R.T. 0.006 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

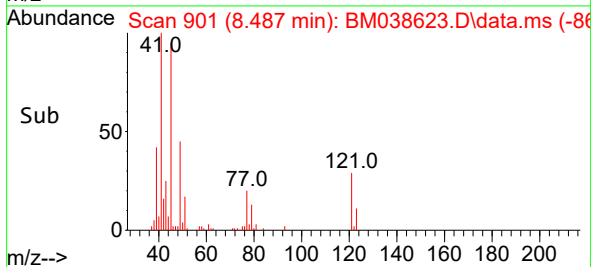
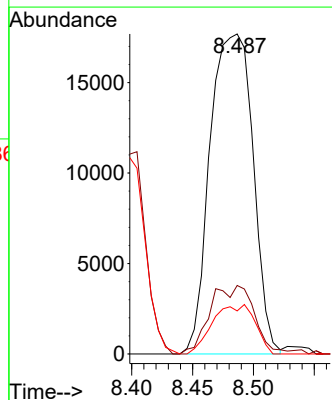
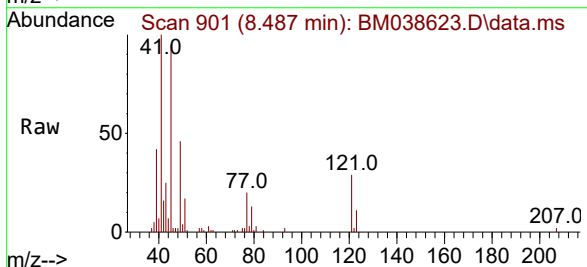
Tgt Ion: 45 Resp: 43509

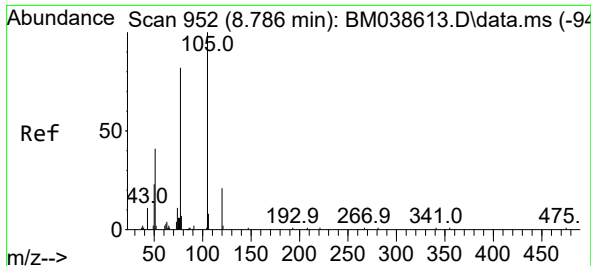
Ion Ratio Lower Upper

45 100

77 21.4 16.9 25.3

79 13.5 11.8 17.6

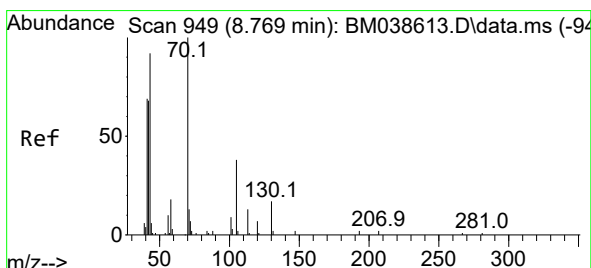
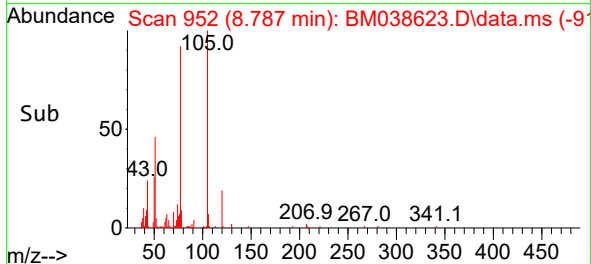
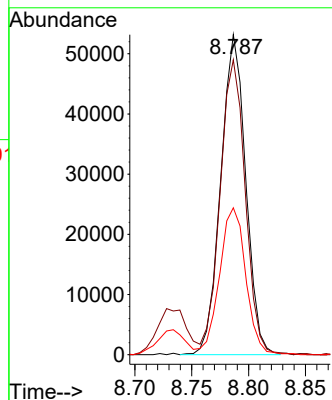
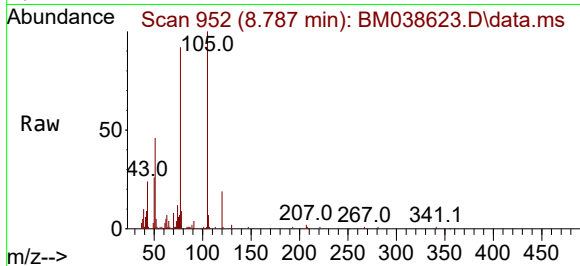




#16
Acetophenone
Concen: 28.977 ng/ul
RT: 8.787 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

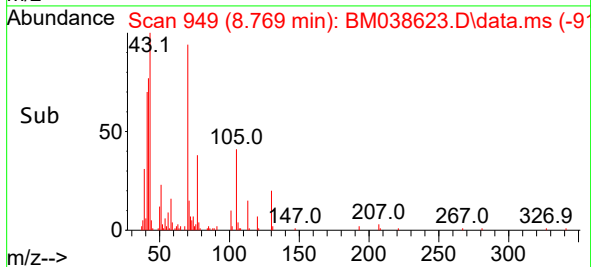
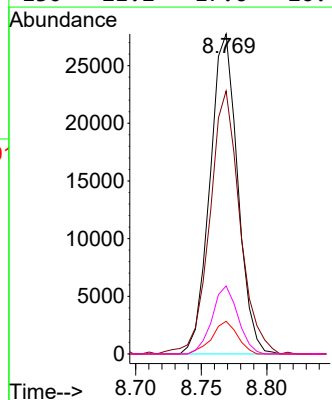
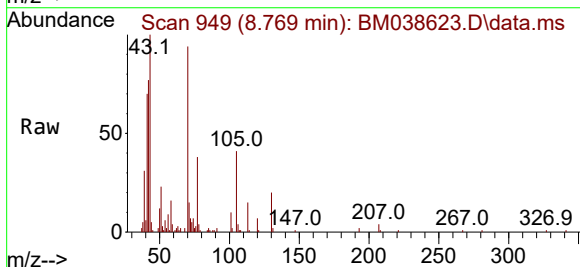
Instrument :
BNA_M
ClientSampleId :

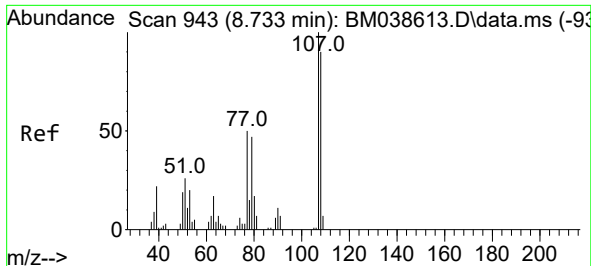
Tgt Ion:105 Resp: 81294
Ion Ratio Lower Upper
105 100
77 92.1 78.6 117.8
51 45.9 37.2 55.8



#17
N-Nitroso-di-n-propylamine
Concen: 31.642 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

Tgt Ion: 70 Resp: 40796
Ion Ratio Lower Upper
70 100
42 82.2 63.6 95.4
101 10.2 6.3 9.5#
130 21.2 17.6 26.4

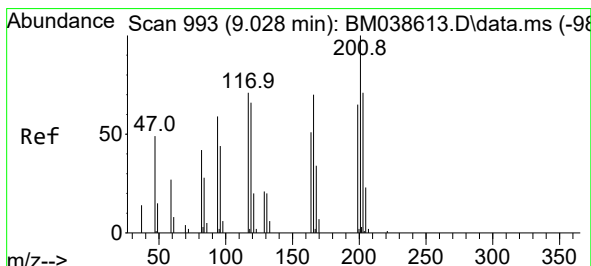
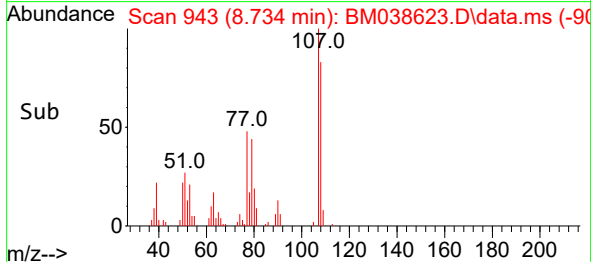
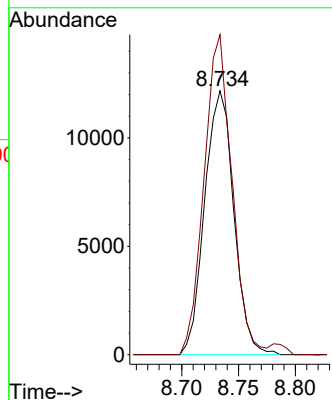
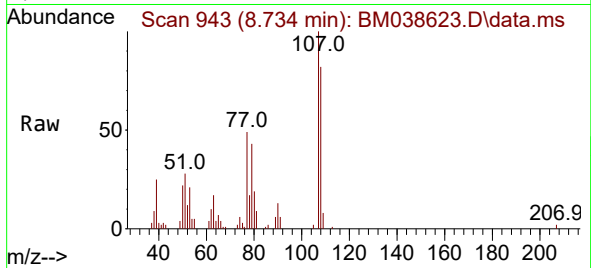




#18
4-Methylphenol
Concen: 13.541 ng/ul
RT: 8.734 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

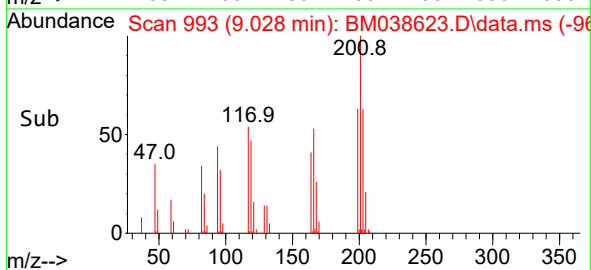
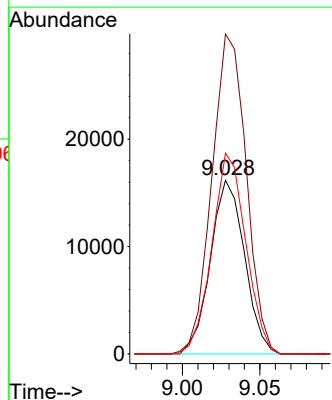
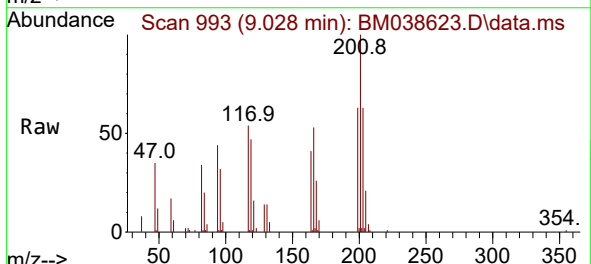
Instrument :
BNA_M
ClientSampleId :

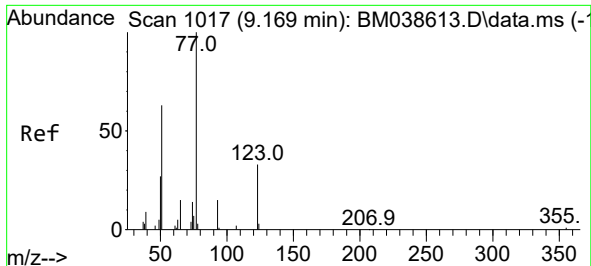
Tgt Ion:108 Resp: 21761
Ion Ratio Lower Upper
108 100
107 121.3 95.1 142.7



#19
Hexachloroethane
Concen: 29.635 ng/ul
RT: 9.028 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

Tgt Ion:117 Resp: 24757
Ion Ratio Lower Upper
117 100
201 184.1 124.4 186.6
199 115.5 76.3 114.5#

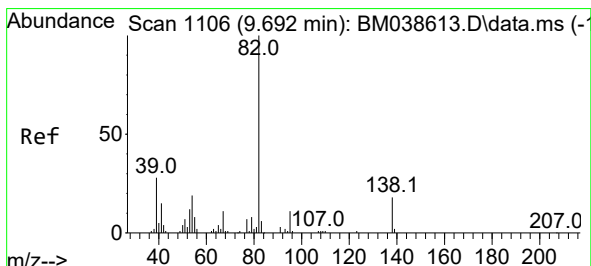
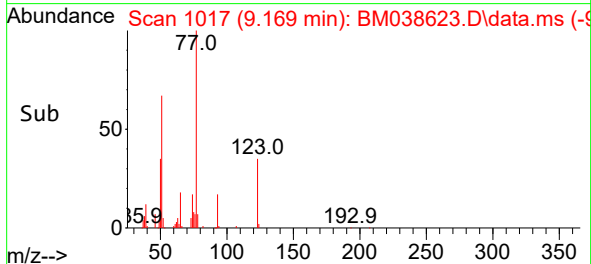
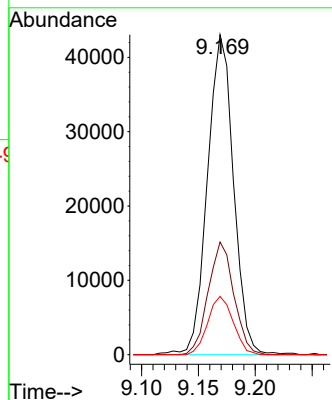
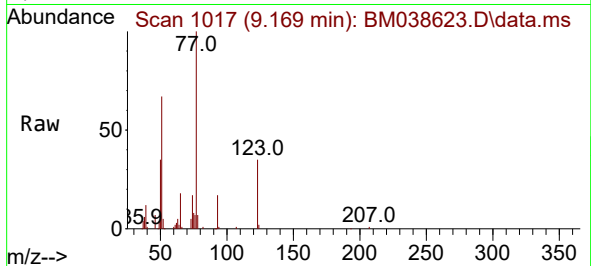




#22
Nitrobenzene
Concen: 30.001 ng/ul
RT: 9.169 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

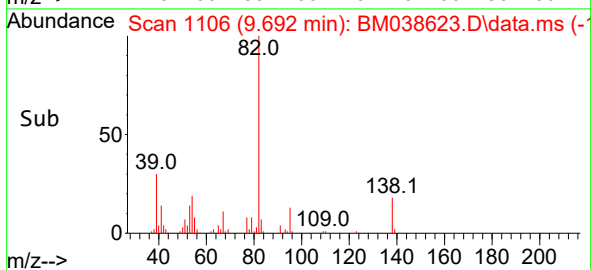
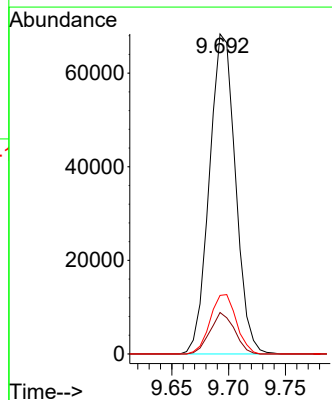
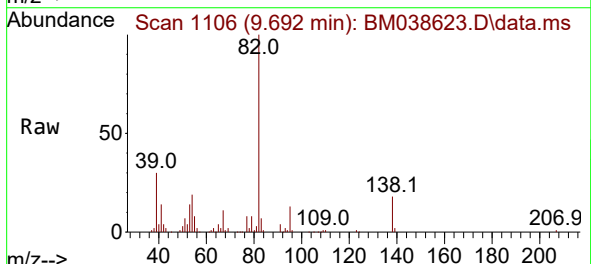
Instrument :
BNA_M
ClientSampleId :

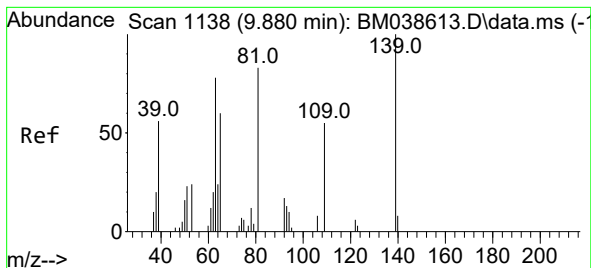
Tgt Ion: 77 Resp: 68341
Ion Ratio Lower Upper
77 100
123 35.2 29.5 44.3
65 18.2 13.6 20.4



#23
Isophorone
Concen: 31.725 ng/ul
RT: 9.692 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

Tgt Ion: 82 Resp: 109354
Ion Ratio Lower Upper
82 100
95 12.9 9.3 13.9
138 18.3 13.4 20.0





#25

2-Nitrophenol

Concen: 28.679 ng/ul

RT: 9.881 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BM038623.D

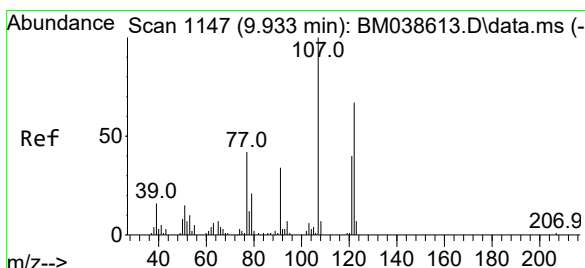
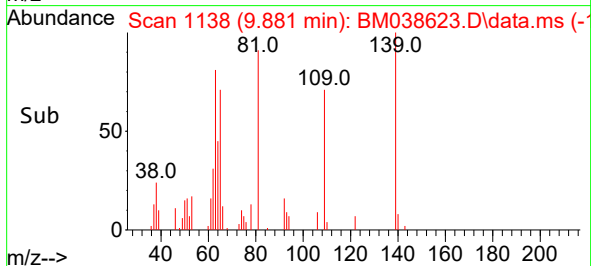
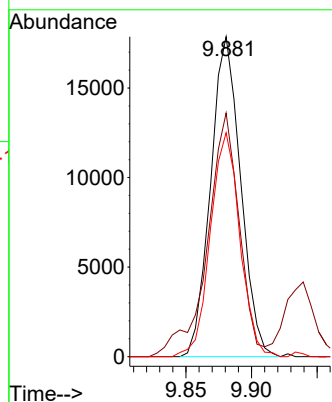
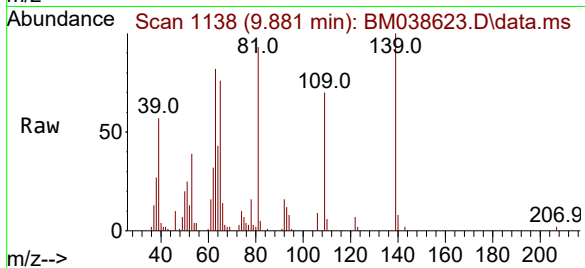
Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	139	Resp:	28413
Ion Ratio	Lower	Upper	
139	100		
65	76.2	58.6	87.8
109	70.0	46.8	70.2



#26

2,4-Dimethylphenol

Concen: 20.185 ng/ul

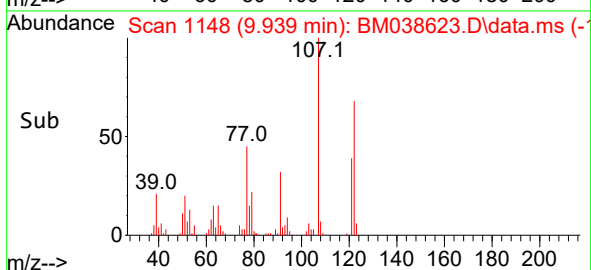
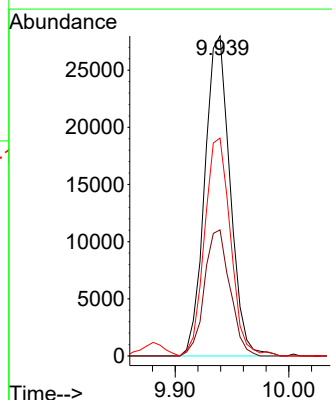
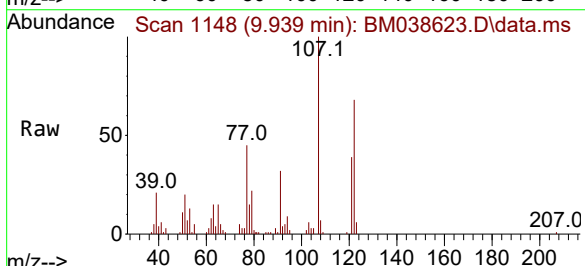
RT: 9.939 min Scan# 1148

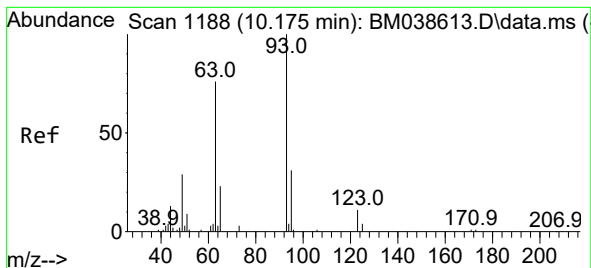
Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

Tgt Ion:	107	Resp:	43436
Ion Ratio	Lower	Upper	
107	100		
121	39.4	32.6	48.8
122	68.1	54.8	82.2

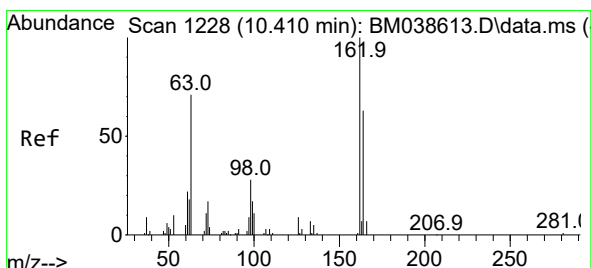
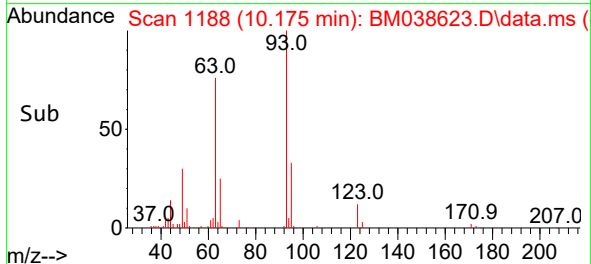
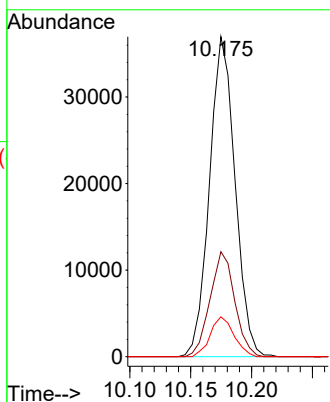
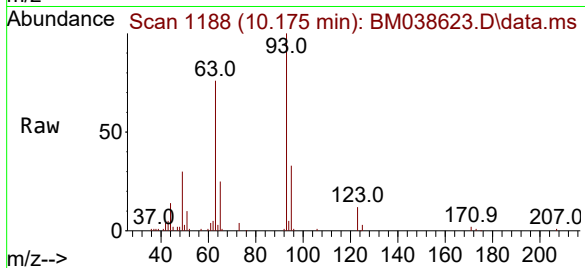




#27
Bis(2-Chloroethoxy)methane
Concen: 30.758 ng/ul
RT: 10.175 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

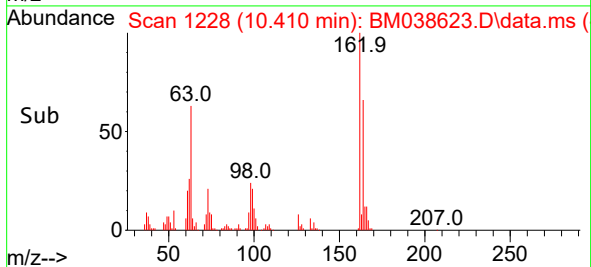
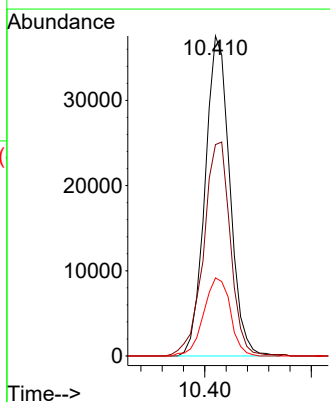
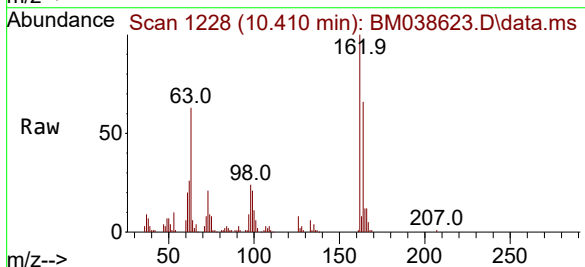
Instrument :
BNA_M
ClientSampleId :

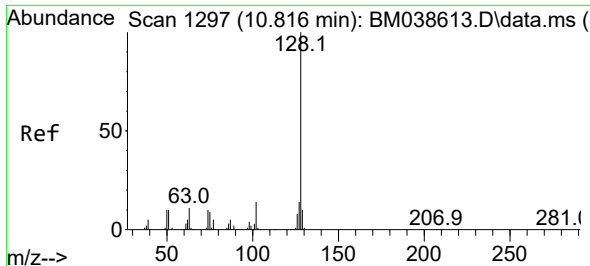
Tgt Ion: 93 Resp: 54060
Ion Ratio Lower Upper
93 100
95 32.8 25.3 37.9
123 12.5 8.6 13.0



#29
2,4-Dichlorophenol
Concen: 28.727 ng/ul
RT: 10.410 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

Tgt Ion:162 Resp: 60397
Ion Ratio Lower Upper
162 100
164 66.0 56.3 84.5
98 24.4 24.6 37.0#

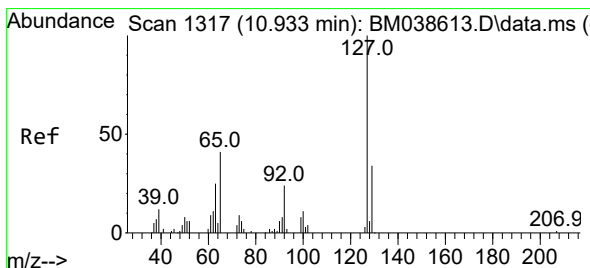
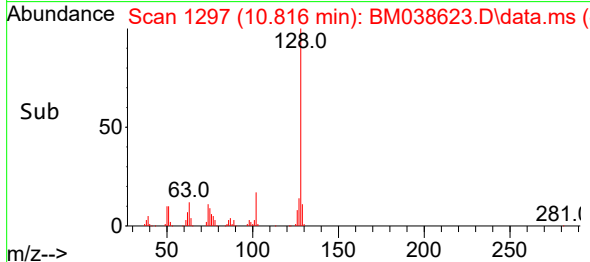
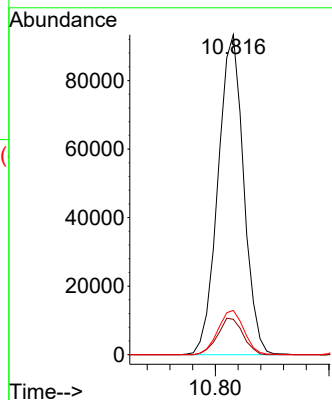
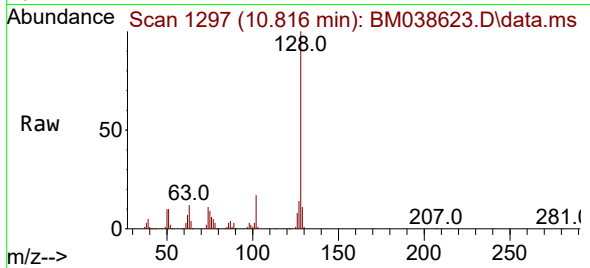




#30
Naphthalene
Concen: 29.569 ng/ul
RT: 10.816 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

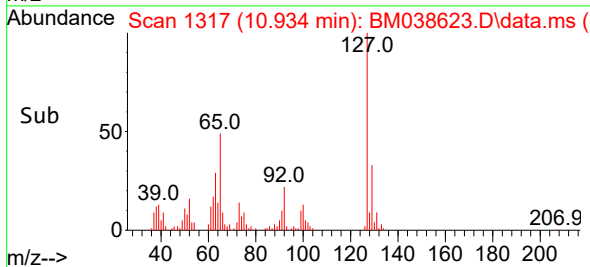
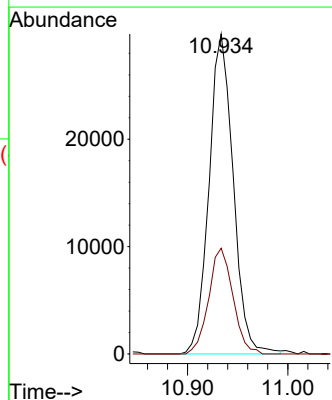
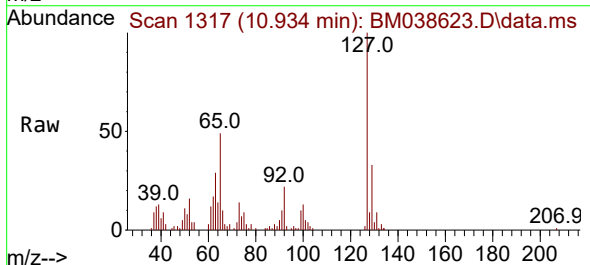
Instrument :
BNA_M
ClientSampleId :

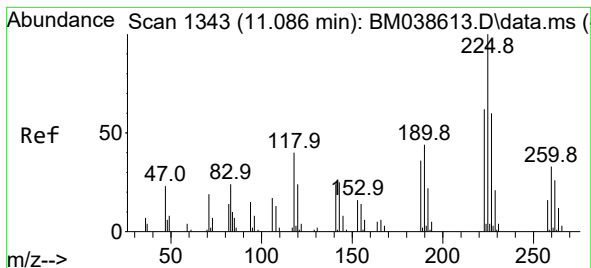
Tgt Ion:128 Resp: 146487
Ion Ratio Lower Upper
128 100
129 11.0 8.0 12.0
127 13.8 10.5 15.7



#32
4-Chloroaniline
Concen: 23.171 ng/ul
RT: 10.934 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

Tgt Ion:127 Resp: 49983
Ion Ratio Lower Upper
127 100
129 33.1 26.9 40.3

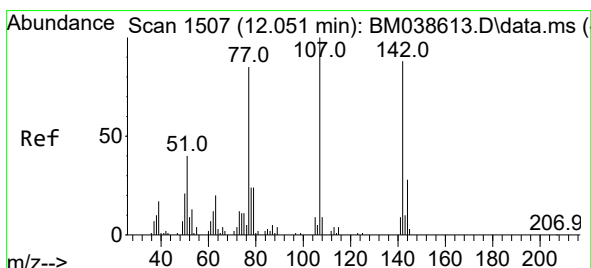
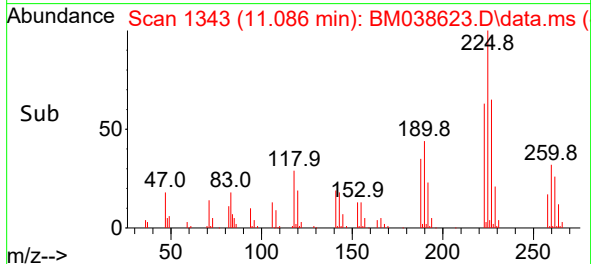
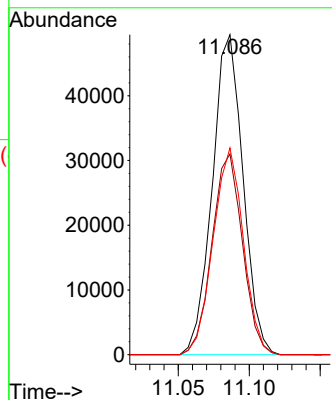
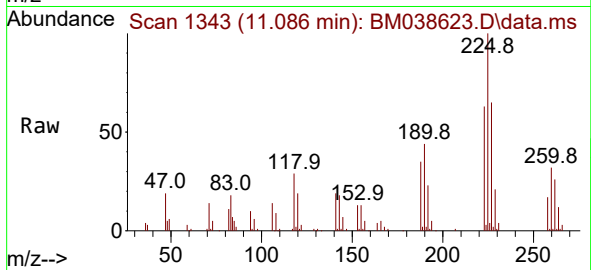




#33
Hexachlorobutadiene
Concen: 34.102 ng/ul
RT: 11.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

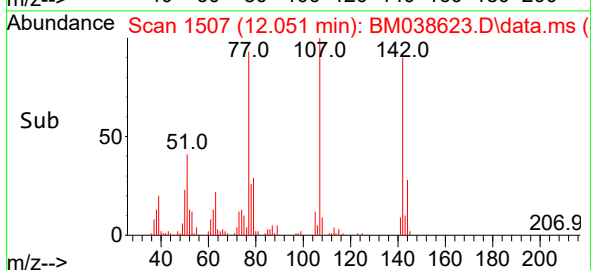
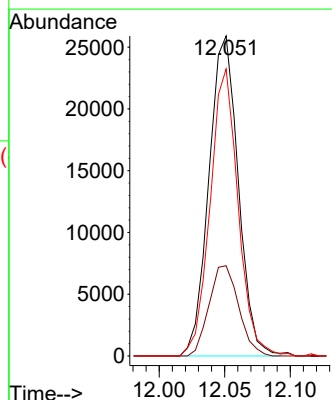
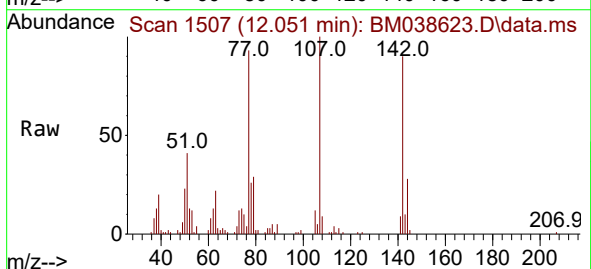
Instrument :
BNA_M
ClientSampleId :

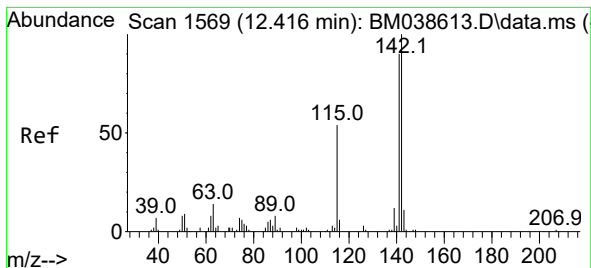
Tgt Ion:225 Resp: 74510
Ion Ratio Lower Upper
225 100
223 62.8 48.0 72.0
227 64.6 53.6 80.4



#35
4-Chloro-3-methylphenol
Concen: 24.355 ng/ul
RT: 12.051 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

Tgt Ion:107 Resp: 40447
Ion Ratio Lower Upper
107 100
144 28.2 18.1 27.1#
142 89.7 60.2 90.4





#36

2-Methylnaphthalene

Concen: 32.322 ng/ul

RT: 12.422 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

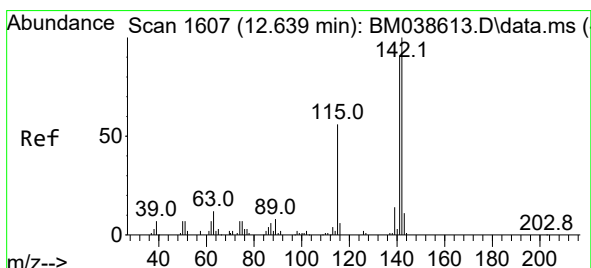
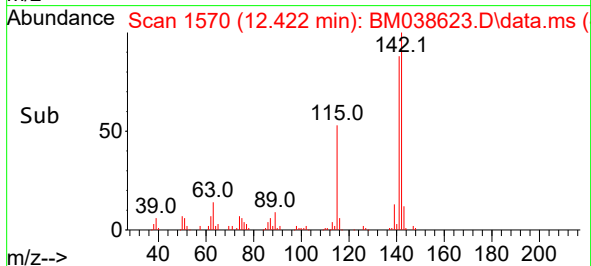
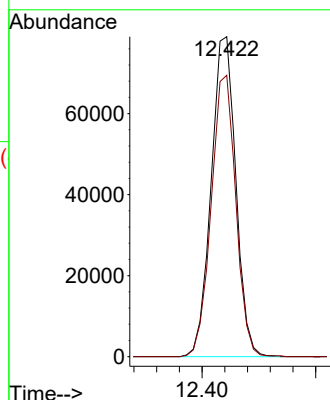
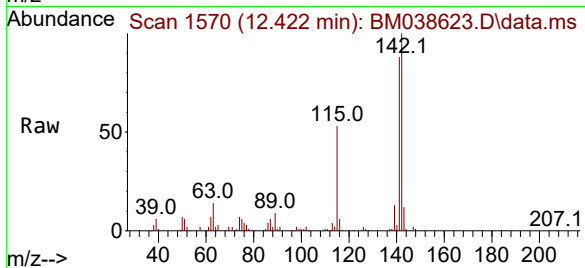
ClientSampleId :

Tgt Ion:142 Resp: 119099

Ion Ratio Lower Upper

142 100

141 88.0 73.7 110.5



#37

1-Methylnaphthalene

Concen: 32.037 ng/ul

RT: 12.639 min Scan# 1607

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

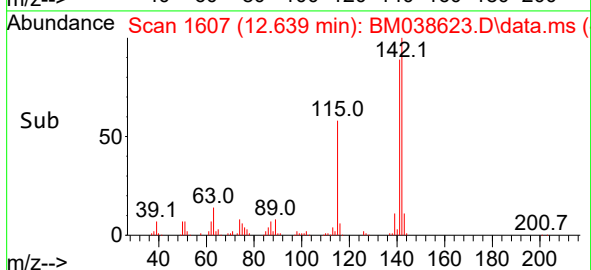
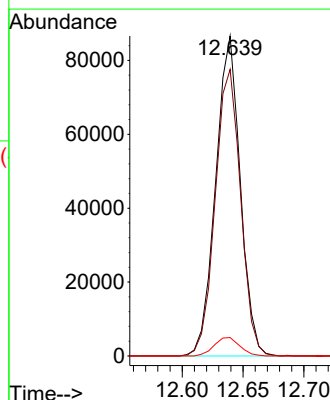
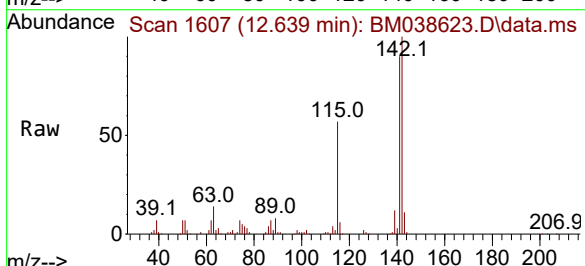
Tgt Ion:142 Resp: 121858

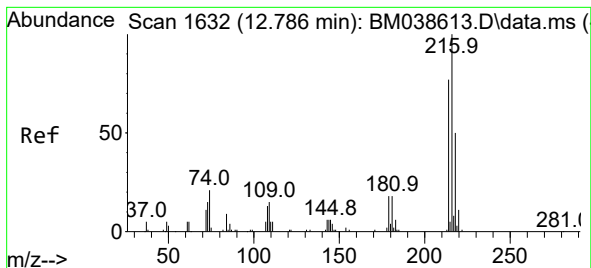
Ion Ratio Lower Upper

142 100

141 89.5 75.2 112.8

116 5.7 5.0 7.4

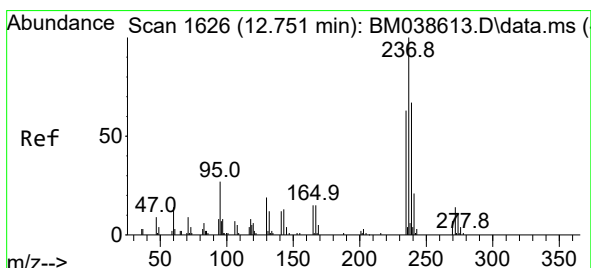
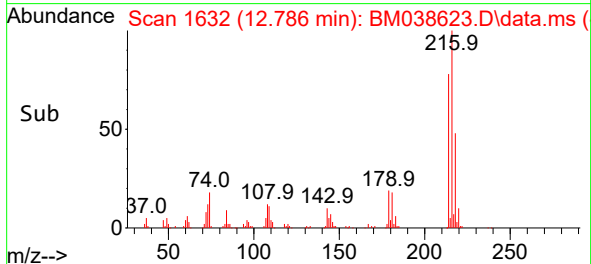
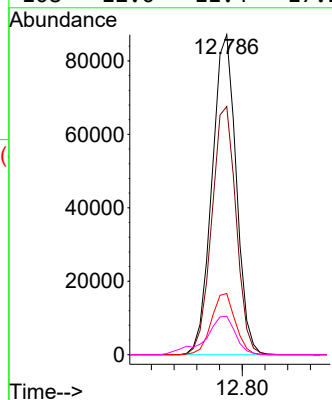
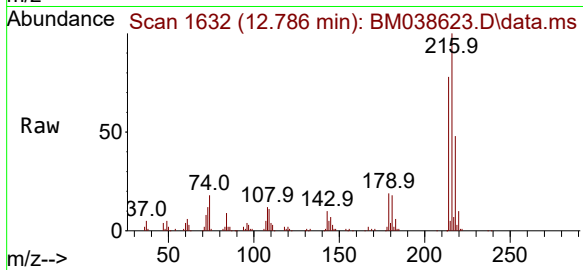




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.000 ng/ul
 RT: 12.786 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BM038623.D
 Acq: 31 Jan 2023 17:19

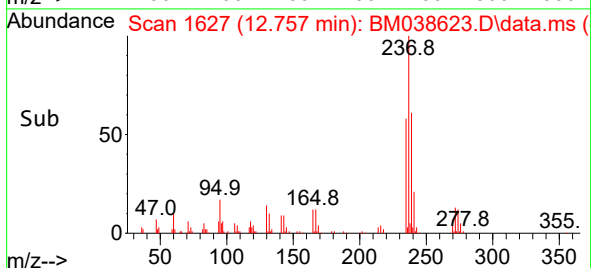
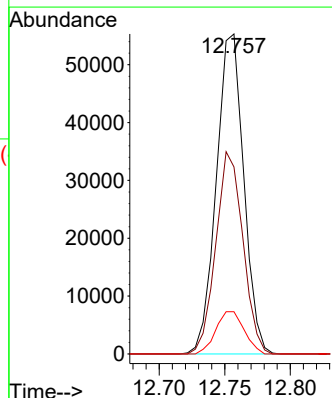
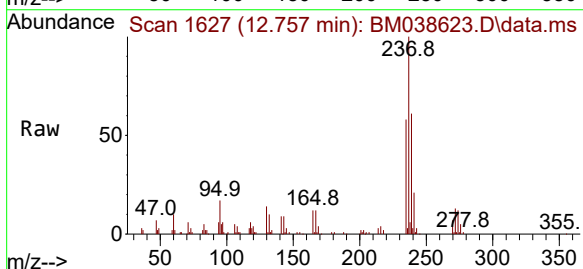
Instrument :
 BNA_M
 ClientSampleId :

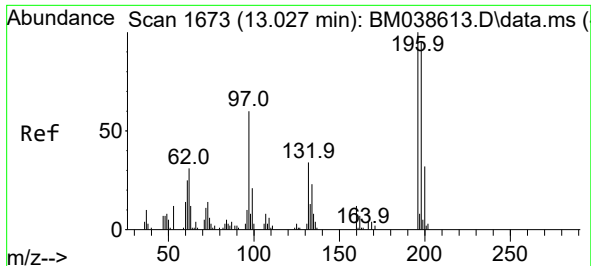
Tgt Ion:	216	Resp:	128931
Ion Ratio	Lower	Upper	
216	100		
214	77.5	61.1	91.7
179	19.1	17.0	25.4
108	12.0	11.4	17.2



#40
 Hexachlorocyclopentadiene
 Concen: 27.110 ng/ul
 RT: 12.757 min Scan# 1627
 Delta R.T. 0.000 min
 Lab File: BM038623.D
 Acq: 31 Jan 2023 17:19

Tgt Ion:	237	Resp:	80458
Ion Ratio	Lower	Upper	
237	100		
235	58.5	49.2	73.8
272	13.7	11.0	16.6





#41

2,4,6-Trichlorophenol

Concen: 30.510 ng/ul

RT: 13.028 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

ClientSampleId :

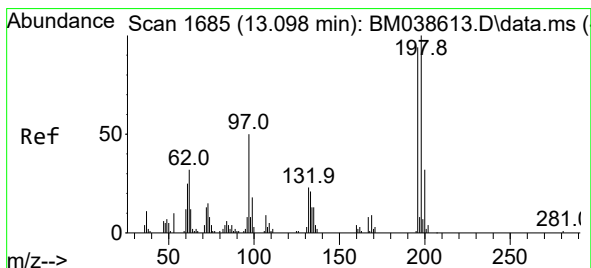
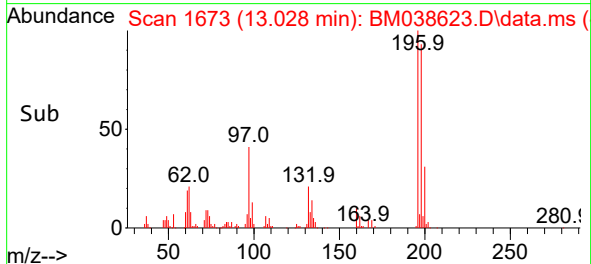
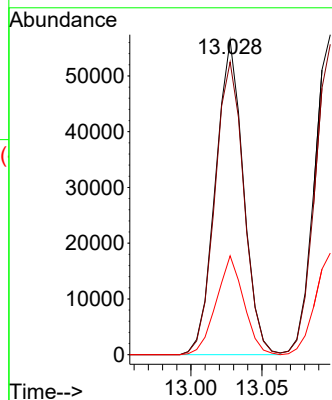
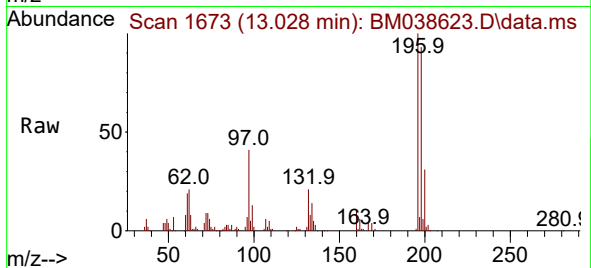
Tgt Ion:196 Resp: 77258

Ion Ratio Lower Upper

196 100

198 93.1 83.6 125.4

200 31.5 27.5 41.3



#42

2,4,5-Trichlorophenol

Concen: 30.074 ng/ul

RT: 13.098 min Scan# 1685

Delta R.T. -0.006 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

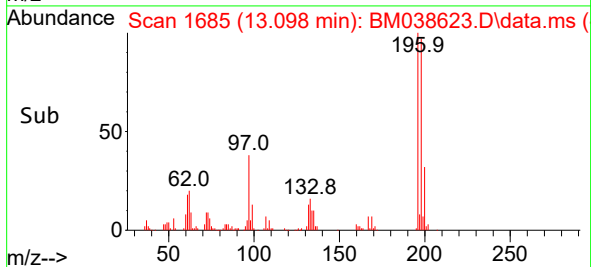
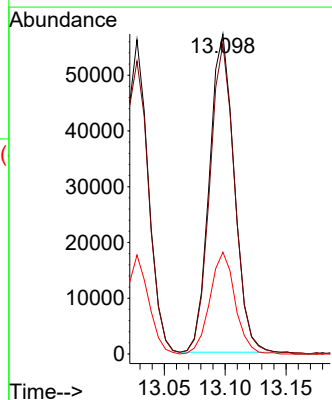
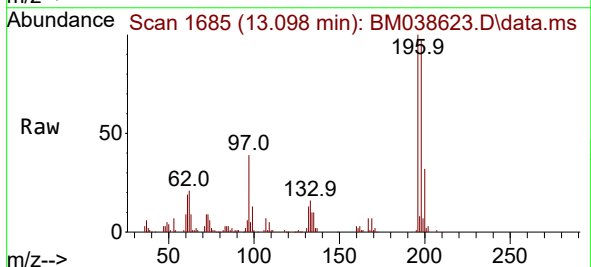
Tgt Ion:196 Resp: 81325

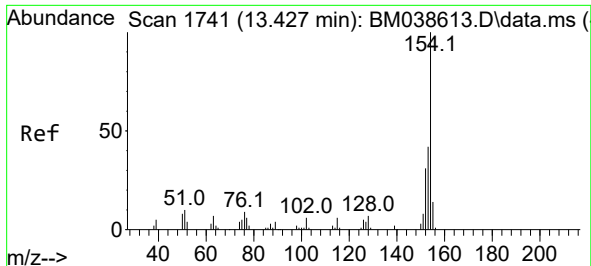
Ion Ratio Lower Upper

196 100

198 97.0 73.2 109.8

200 31.8 25.8 38.8

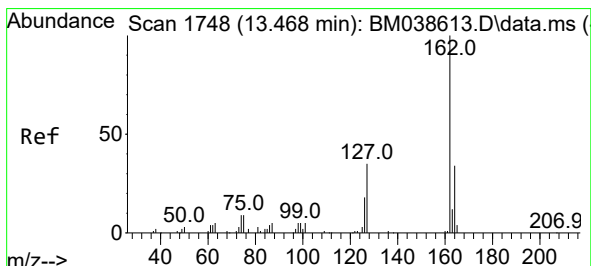
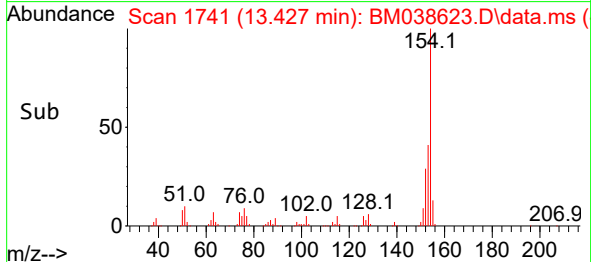
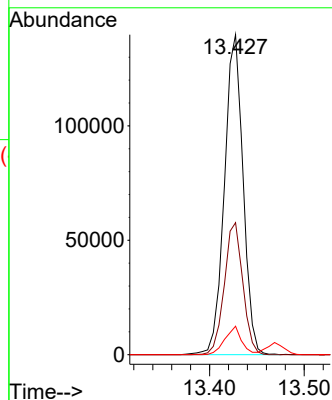
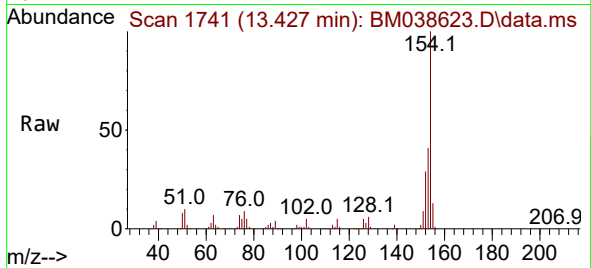




#43
1,1'-Biphenyl
Concen: 29.497 ng/ul
RT: 13.427 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

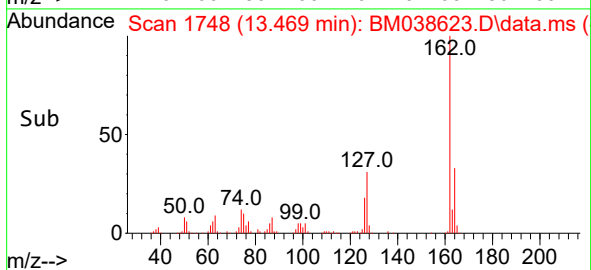
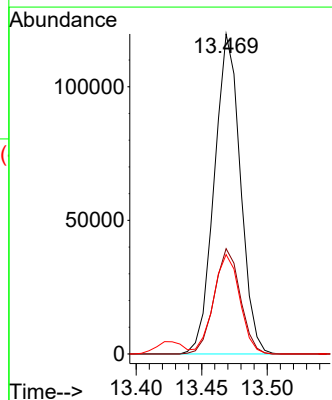
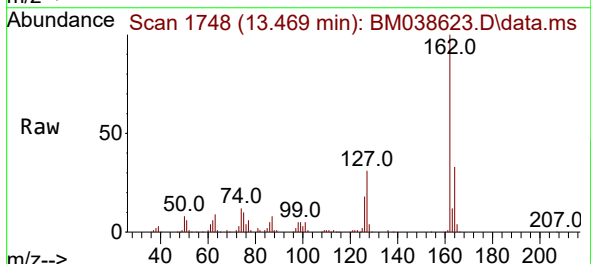
Instrument :
BNA_M
ClientSampleId :

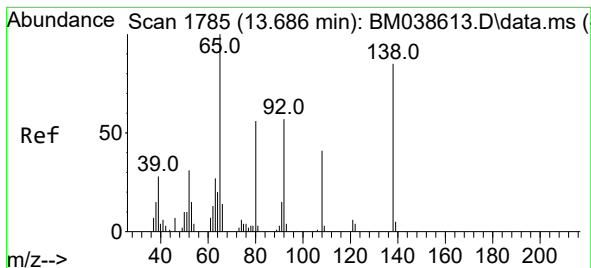
Tgt Ion:154 Resp: 191634
Ion Ratio Lower Upper
154 100
153 41.3 33.2 49.8
76 8.9 6.7 10.1



#44
2-Chloronaphthalene
Concen: 30.675 ng/ul
RT: 13.469 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

Tgt Ion:162 Resp: 165552
Ion Ratio Lower Upper
162 100
164 32.9 26.6 40.0
127 31.1 31.6 47.4#





#45

2-Nitroaniline

Concen: 30.965 ng/ul

RT: 13.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038623.D

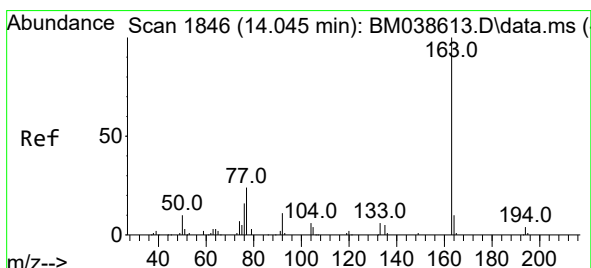
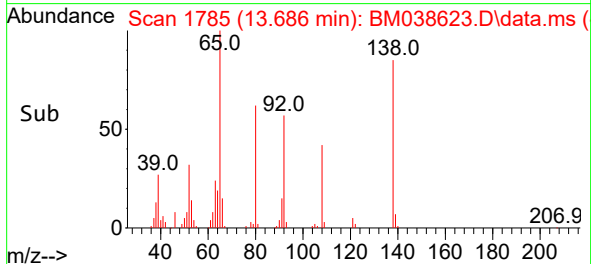
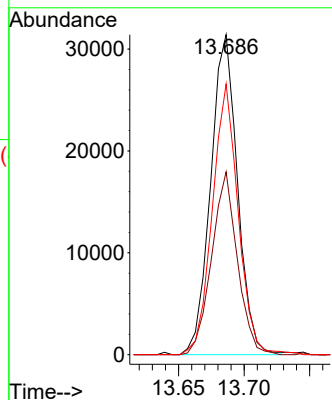
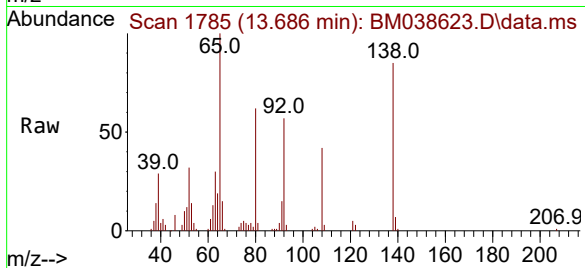
Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	65	Resp:	44700
Ion Ratio	Lower	Upper	
65	100		
92	57.1	41.5	62.3
138	84.6	63.3	94.9



#47

Dimethylphthalate

Concen: 33.443 ng/ul

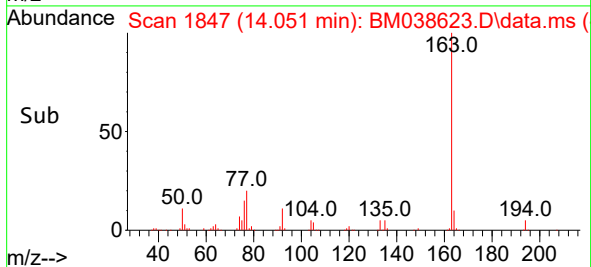
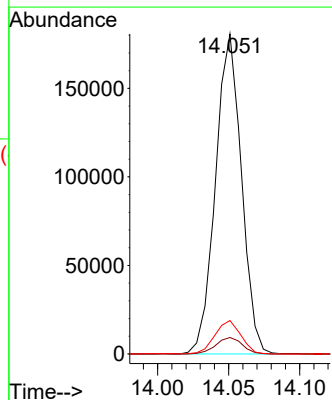
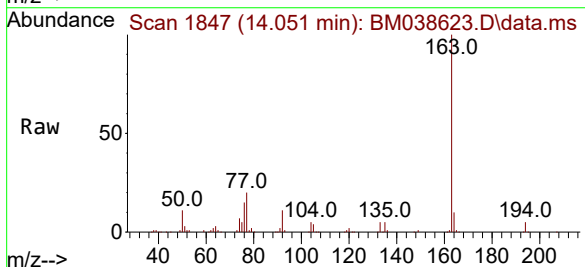
RT: 14.051 min Scan# 1847

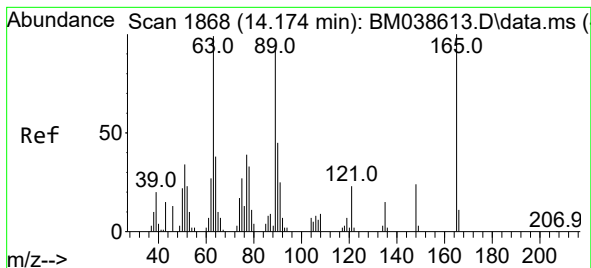
Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

Tgt Ion:	163	Resp:	229674
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.5	5.3
164	10.4	8.0	12.0





#48

2,6-Dinitrotoluene

Concen: 35.256 ng/ul

RT: 14.180 min Scan# 1869

Delta R.T. 0.000 min

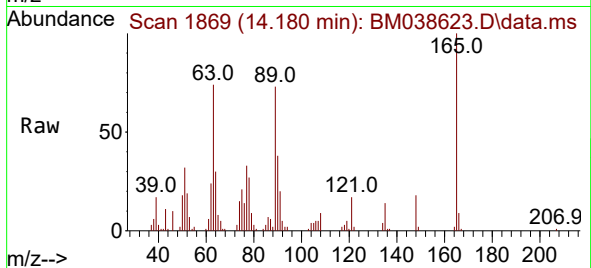
Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

ClientSampleId :



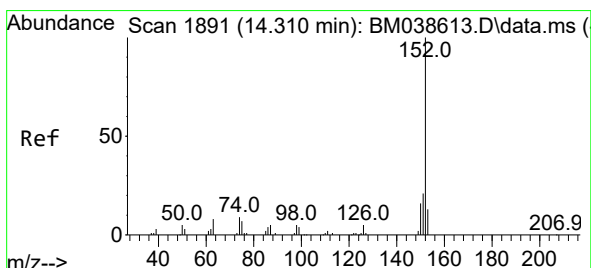
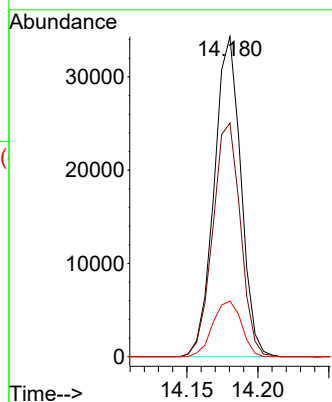
Tgt Ion:165 Resp: 44843

Ion Ratio Lower Upper

165 100

89 73.0 66.7 100.1

121 17.4 18.2 27.4#



#50

Acenaphthylene

Concen: 30.012 ng/ul

RT: 14.316 min Scan# 1892

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

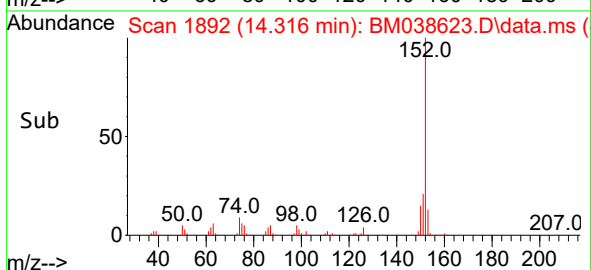
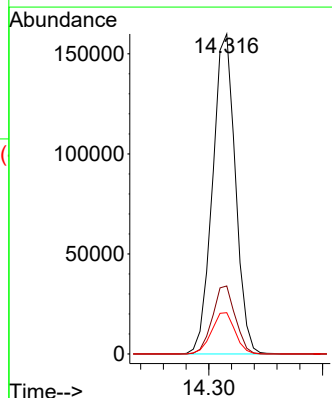
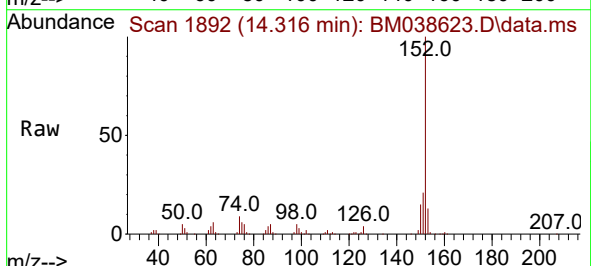
Tgt Ion:152 Resp: 222900

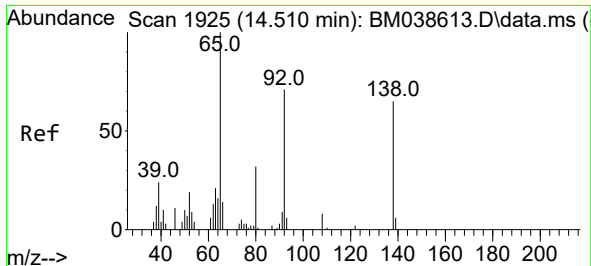
Ion Ratio Lower Upper

152 100

151 21.2 17.7 26.5

153 12.9 10.6 16.0

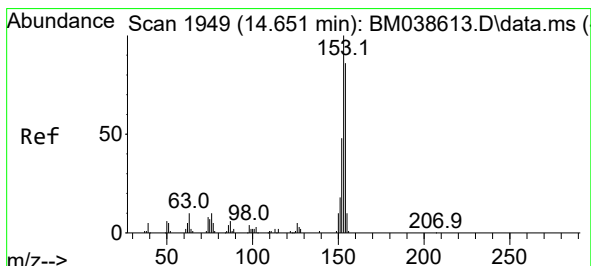
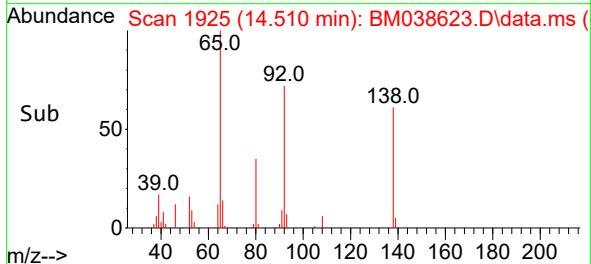
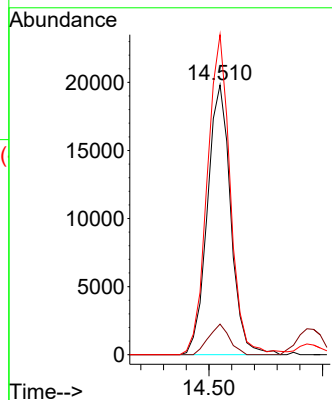
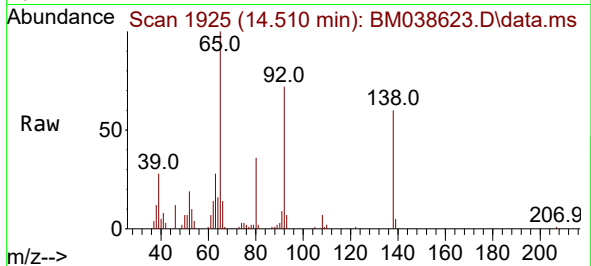




#51
3-Nitroaniline
Concen: 30.951 ng/ul
RT: 14.510 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

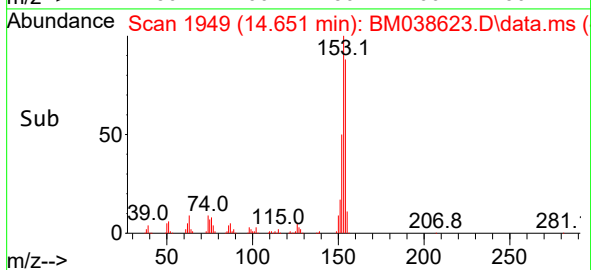
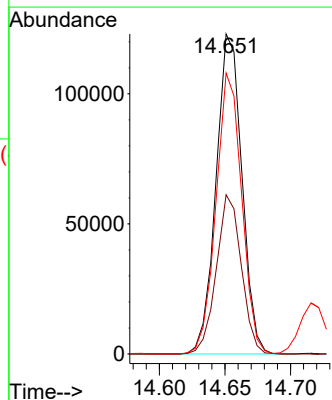
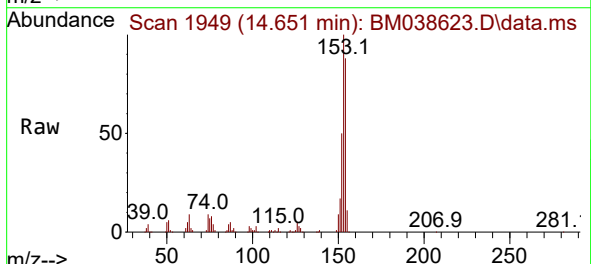
Instrument :
BNA_M
ClientSampleId :

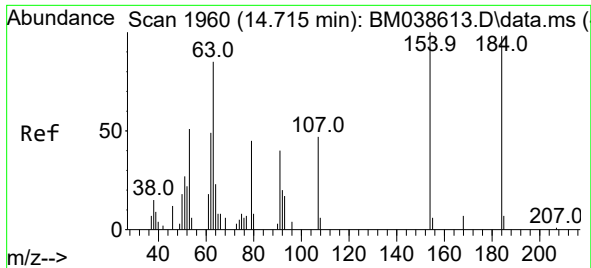
Tgt Ion:138 Resp: 28336
Ion Ratio Lower Upper
138 100
108 11.4 8.2 12.4
92 118.6 94.2 141.4



#52
Acenaphthene
Concen: 30.493 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

Tgt Ion:153 Resp: 168571
Ion Ratio Lower Upper
153 100
152 49.8 40.6 61.0
154 87.8 68.7 103.1

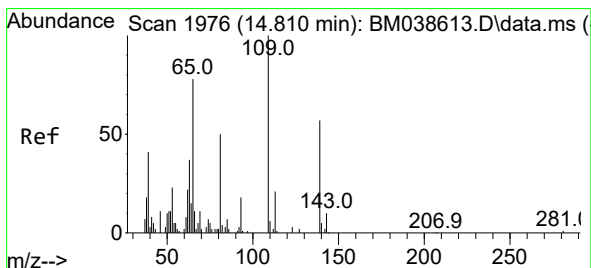
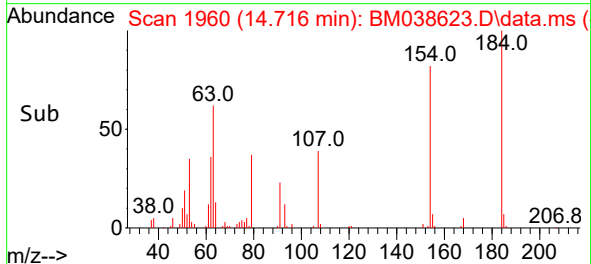
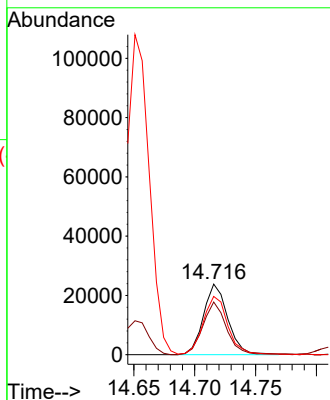
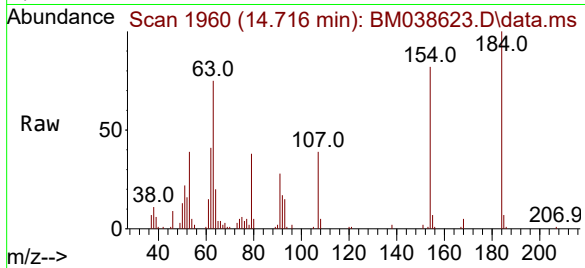




#53
2,4-Dinitrophenol
Concen: 32.343 ng/ul
RT: 14.716 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

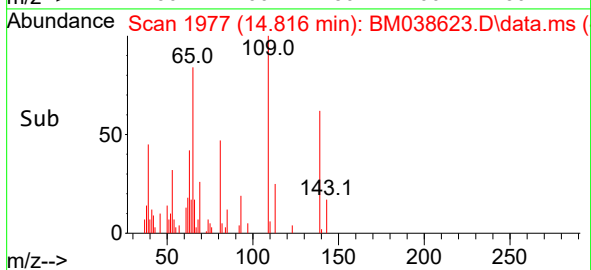
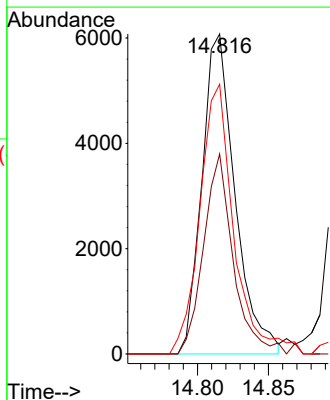
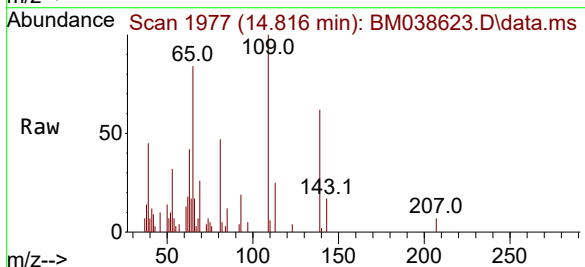
Instrument :
BNA_M
ClientSampleId :

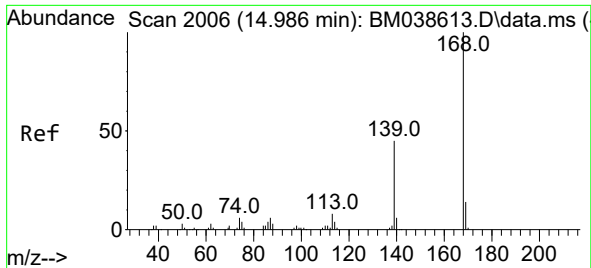
Tgt Ion:184 Resp: 33070
Ion Ratio Lower Upper
184 100
63 74.6 59.7 89.5
154 82.4 79.6 119.4



#55
4-Nitrophenol
Concen: 6.079 ng/ul
RT: 14.816 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

Tgt Ion:109 Resp: 9847
Ion Ratio Lower Upper
109 100
139 62.5 41.3 61.9#
65 84.3 63.4 95.2

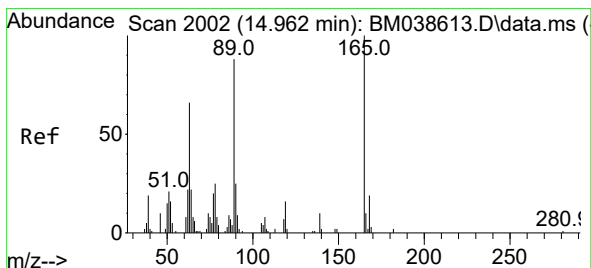
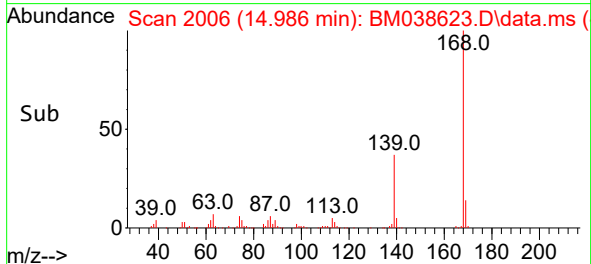
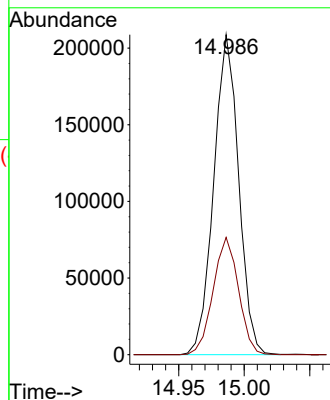
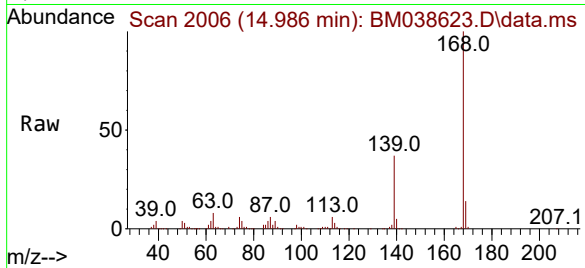




#56
Dibenzofuran
Concen: 33.509 ng/ul
RT: 14.986 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

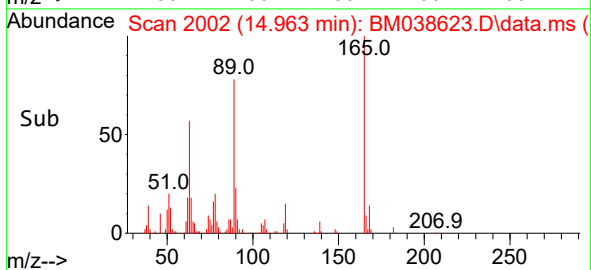
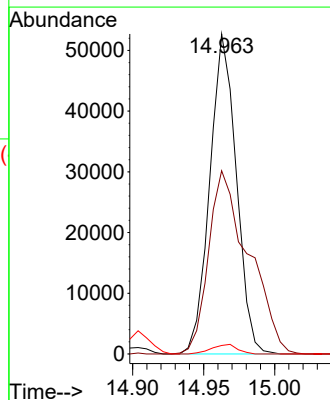
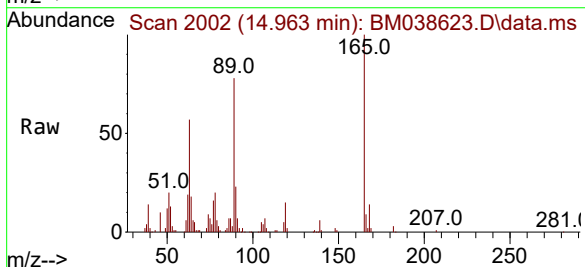
Instrument :
BNA_M
ClientSampleId :

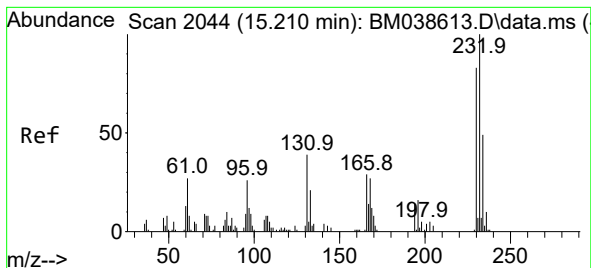
Tgt Ion:168 Resp: 275521
Ion Ratio Lower Upper
168 100
139 36.7 35.4 53.0



#57
2,4-Dinitrotoluene
Concen: 36.499 ng/ul
RT: 14.963 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

Tgt Ion:165 Resp: 68425
Ion Ratio Lower Upper
165 100
63 57.2 53.1 79.7
182 2.6 2.8 4.2#

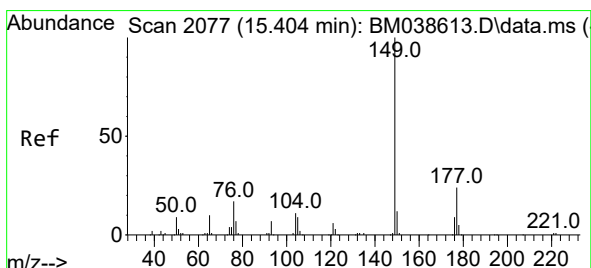
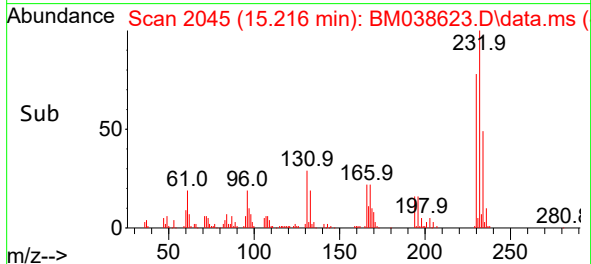
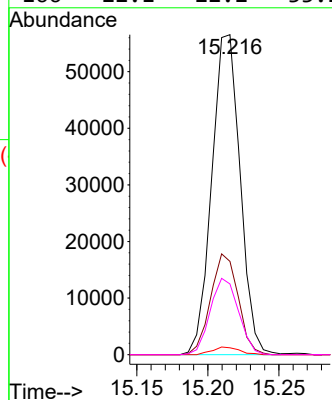
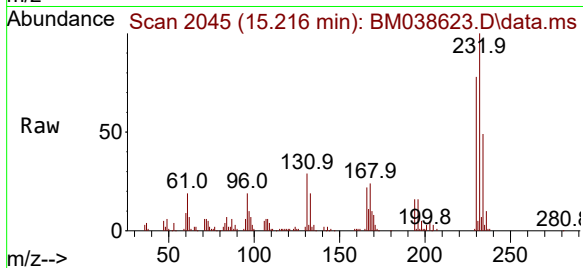




#58
2,3,4,6-Tetrachlorophenol
Concen: 33.168 ng/ul
RT: 15.216 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

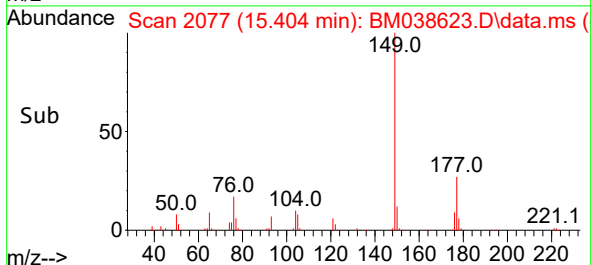
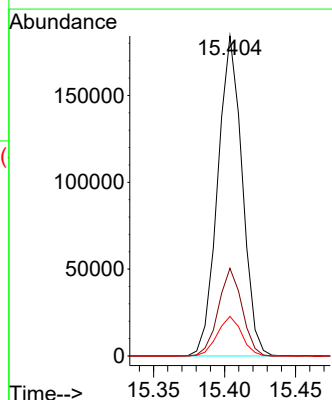
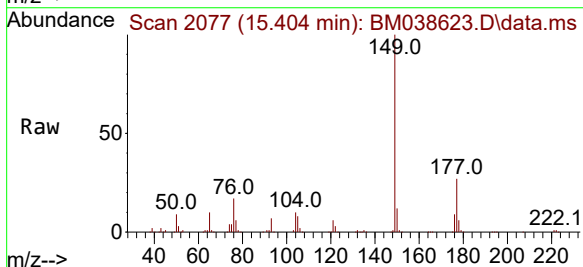
Instrument :
BNA_M
ClientSampleId :

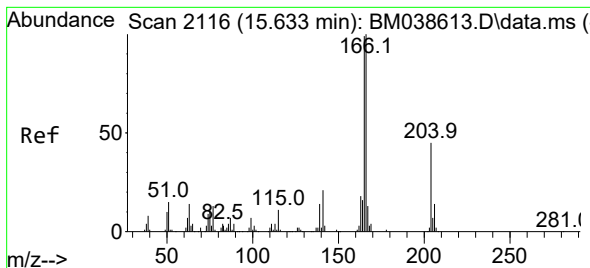
Tgt Ion:232 Resp: 78531
Ion Ratio Lower Upper
232 100
131 29.2 30.4 45.6#
130 2.2 2.4 3.6#
166 22.1 22.2 33.2#



#59
Diethylphthalate
Concen: 34.296 ng/ul
RT: 15.404 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

Tgt Ion:149 Resp: 220805
Ion Ratio Lower Upper
149 100
177 27.4 18.0 27.0#
150 12.3 10.4 15.6





#61

Fluorene

Concen: 35.620 ng/ul

RT: 15.633 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

ClientSampleId :

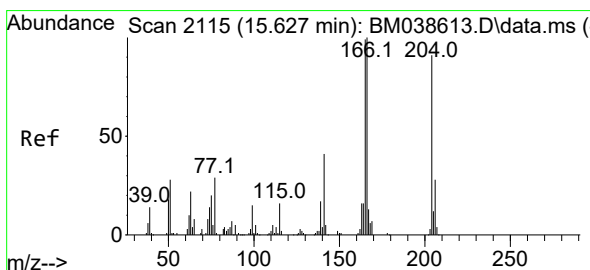
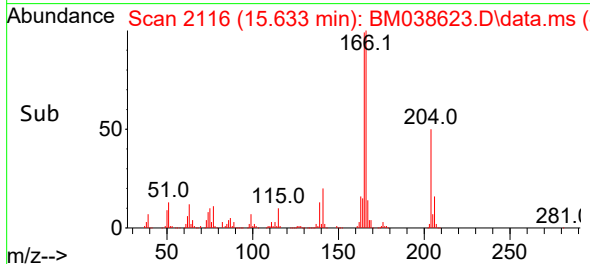
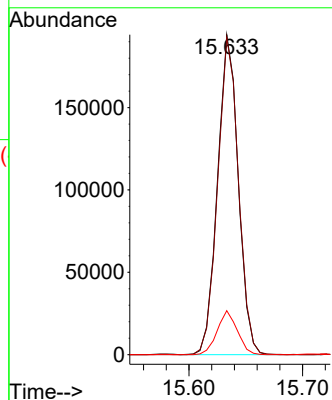
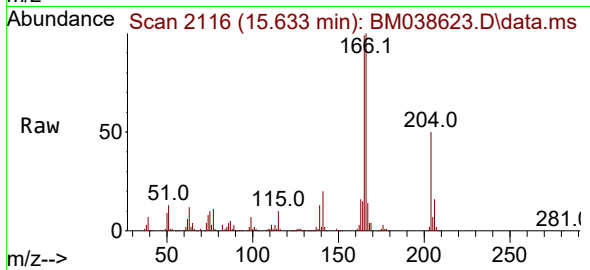
Tgt Ion:166 Resp: 246655

Ion Ratio Lower Upper

166 100

165 99.2 83.3 124.9

167 13.7 10.6 16.0



#62

4-Chlorophenyl-phenylether

Concen: 35.159 ng/ul

RT: 15.627 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

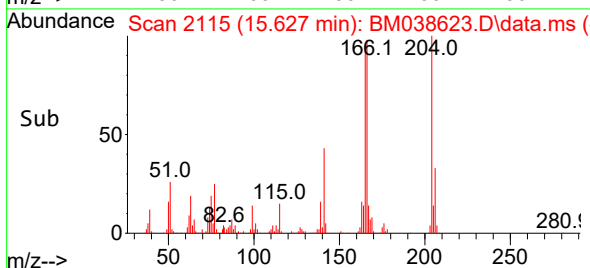
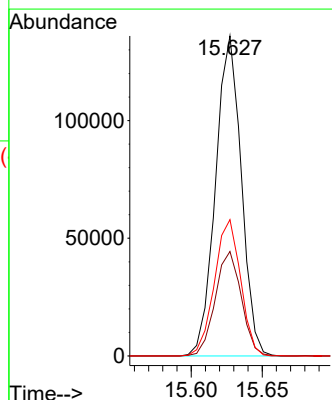
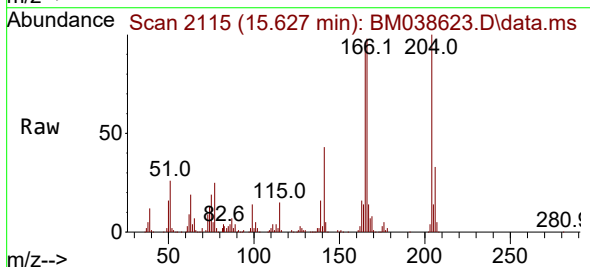
Tgt Ion:204 Resp: 171310

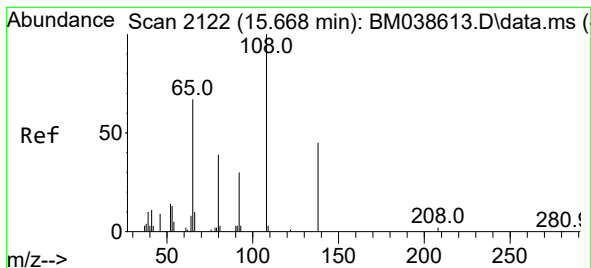
Ion Ratio Lower Upper

204 100

206 32.7 27.9 41.9

141 42.6 41.4 62.0

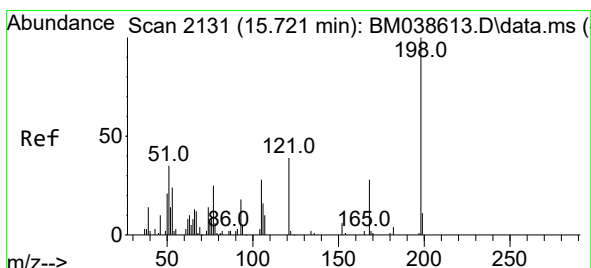
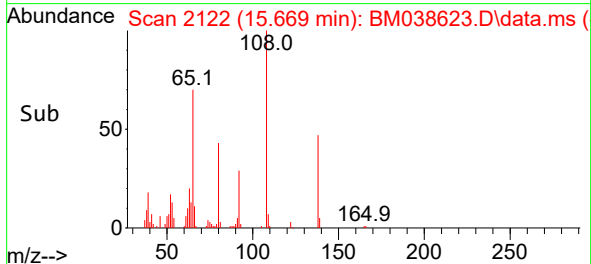
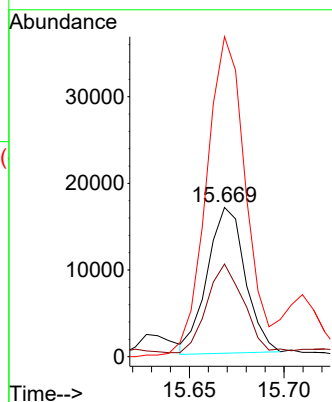
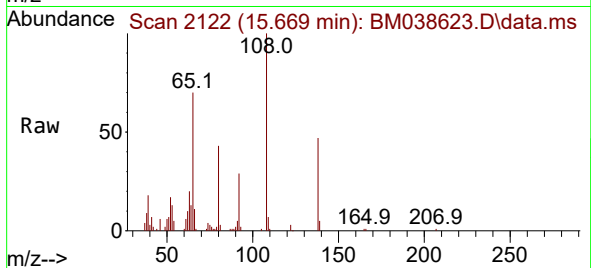




#63
4-Nitroaniline
Concen: 31.176 ng/ul
RT: 15.669 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

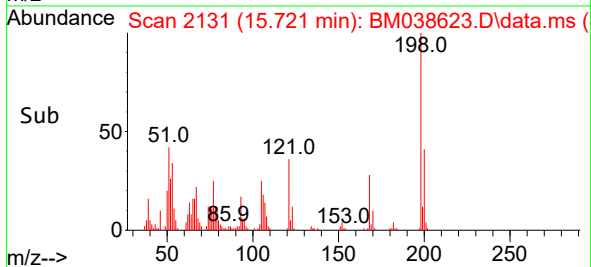
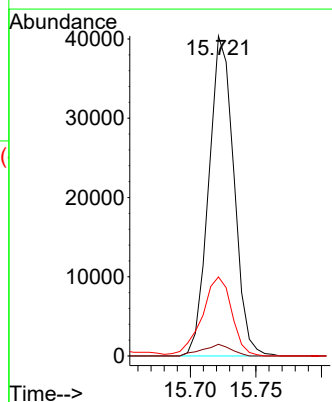
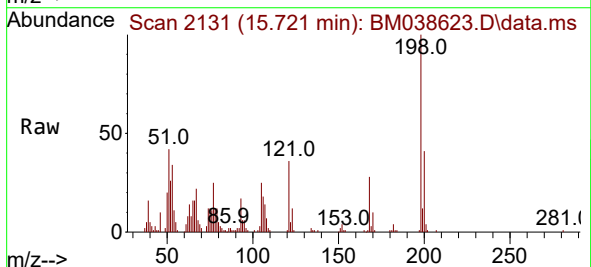
Instrument :
BNA_M
ClientSampleId :

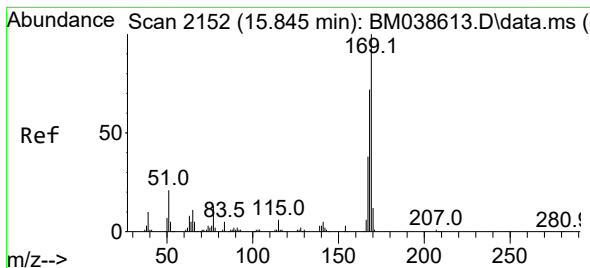
Tgt Ion:138 Resp: 23532
Ion Ratio Lower Upper
138 100
92 62.0 51.9 77.9
108 214.3 156.2 234.4



#66
4,6-Dinitro-2-methylphenol
Concen: 30.649 ng/ul
RT: 15.721 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

Tgt Ion:198 Resp: 53838
Ion Ratio Lower Upper
198 100
182 3.6 2.7 4.1
77 24.7 23.9 35.9





#67

N-Nitrosodiphenylamine

Concen: 34.268 ng/ul

RT: 15.845 min Scan# 2152

Delta R.T. 0.000 min

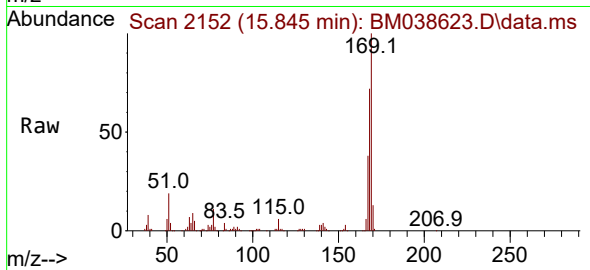
Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

ClientSampleId :



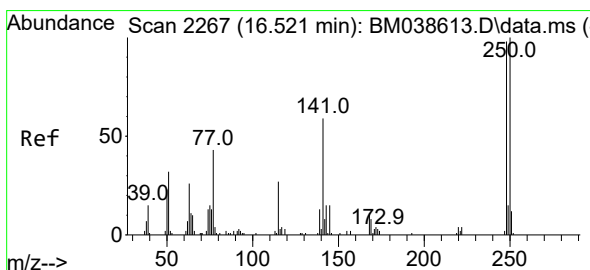
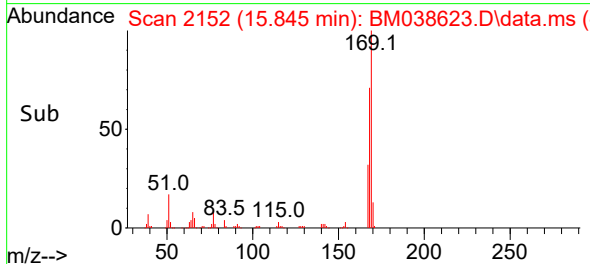
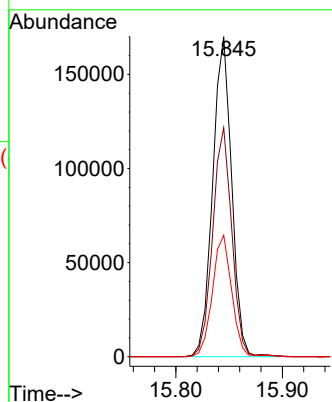
Tgt Ion:169 Resp: 210087

Ion Ratio Lower Upper

169 100

168 71.6 59.1 88.7

167 38.0 31.6 47.4



#68

4-Bromophenyl-phenylether

Concen: 34.193 ng/ul

RT: 16.521 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

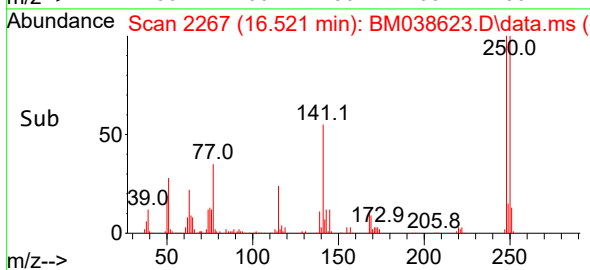
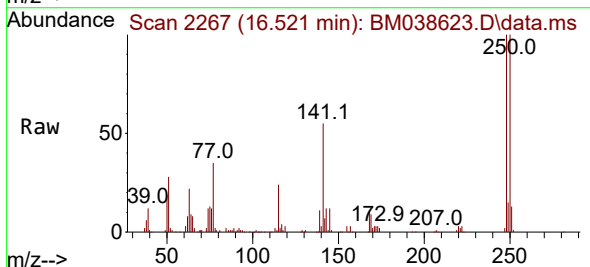
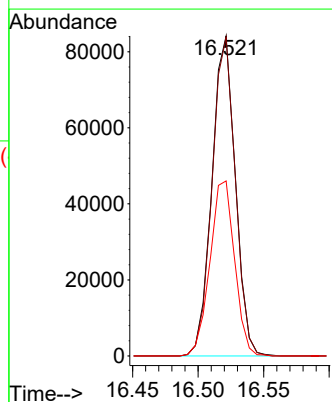
Tgt Ion:248 Resp: 104762

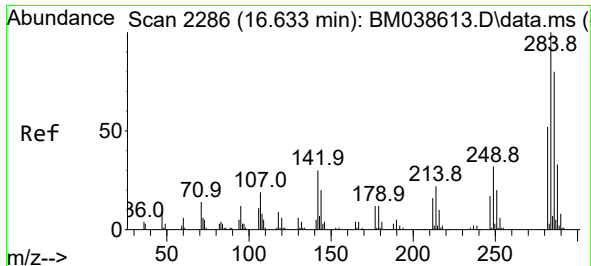
Ion Ratio Lower Upper

248 100

250 99.6 77.8 116.6

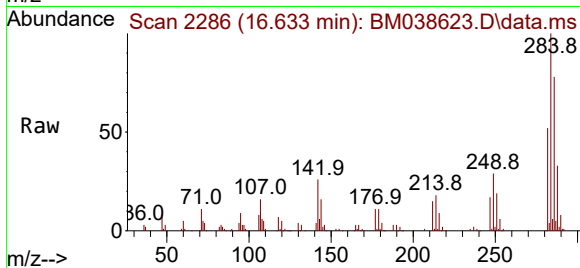
141 54.7 52.3 78.5



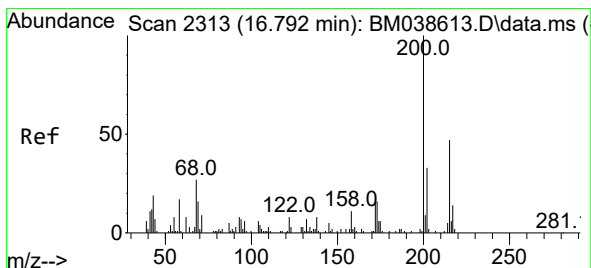
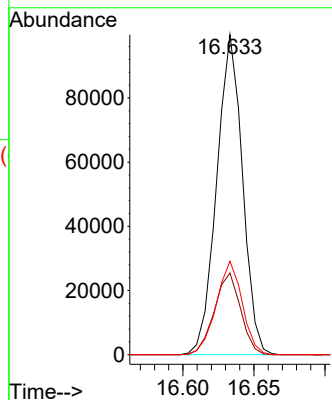
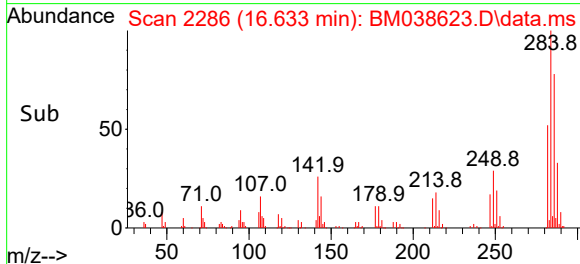


#69
Hexachlorobenzene
Concen: 35.181 ng/ul
RT: 16.633 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19

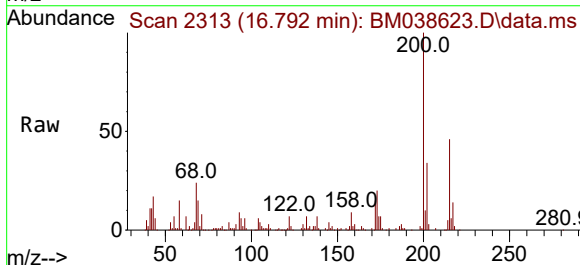
Instrument :
BNA_M
ClientSampleId :



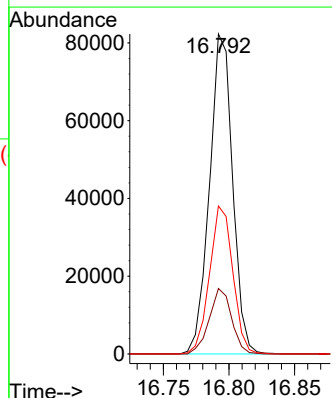
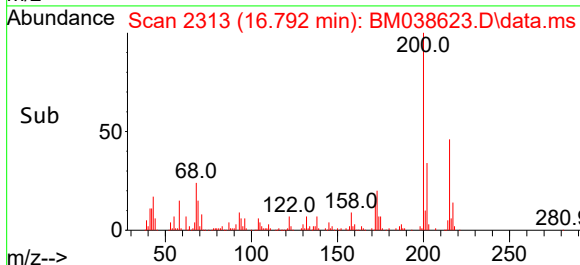
Tgt Ion:284 Resp: 125829
Ion Ratio Lower Upper
284 100
142 25.5 28.0 42.0#
249 29.2 23.9 35.9

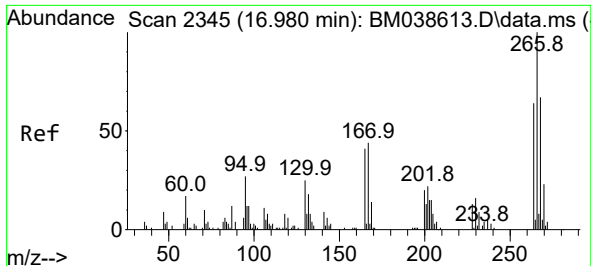


#70
Atrazine
Concen: 32.815 ng/ul
RT: 16.792 min Scan# 2313
Delta R.T. 0.000 min
Lab File: BM038623.D
Acq: 31 Jan 2023 17:19



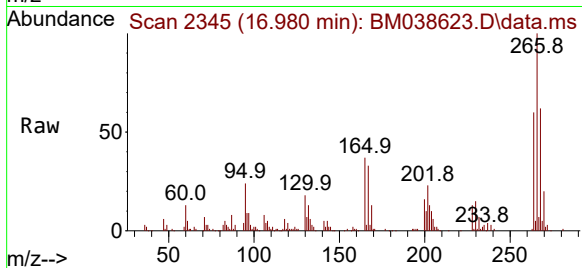
Tgt Ion:200 Resp: 100942
Ion Ratio Lower Upper
200 100
173 20.5 15.2 22.8
215 46.3 36.6 54.8



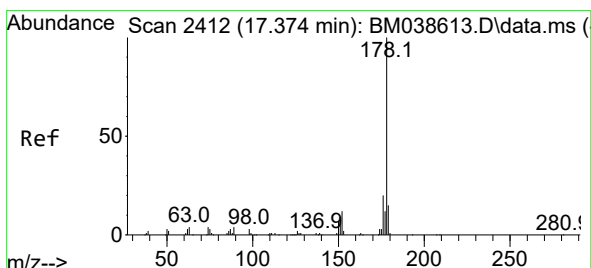
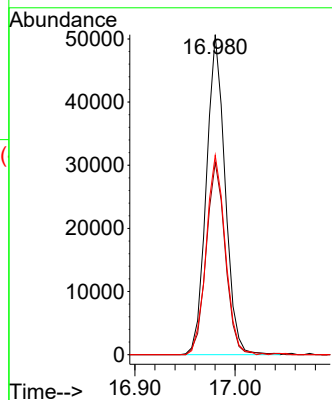
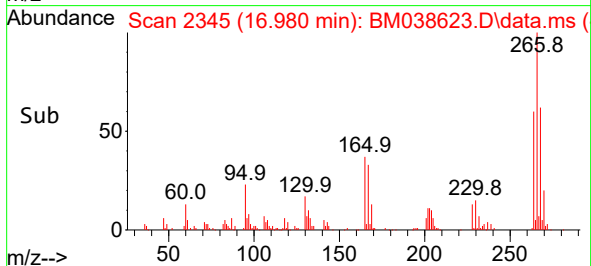


#71
 Pentachlorophenol
 Concen: 28.812 ng/ul
 RT: 16.980 min Scan# 2145
 Delta R.T. 0.000 min
 Lab File: BM038623.D
 Acq: 31 Jan 2023 17:19

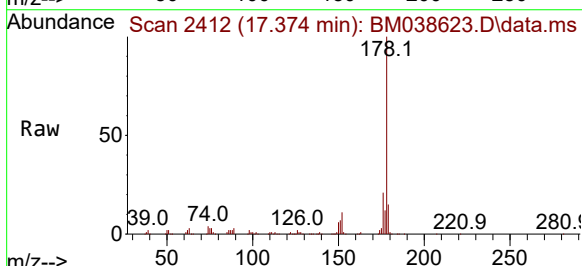
Instrument :
 BNA_M
 ClientSampleId :



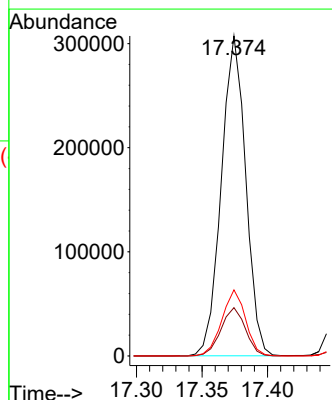
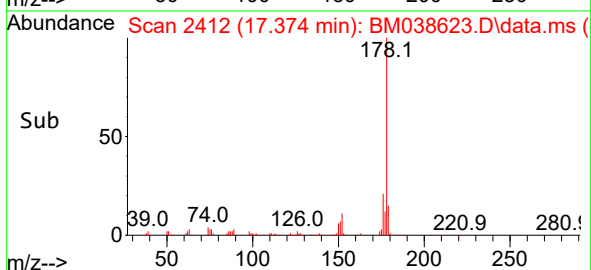
Tgt Ion:266 Resp: 65919
 Ion Ratio Lower Upper
 266 100
 264 60.1 47.2 70.8
 268 62.3 45.8 68.6

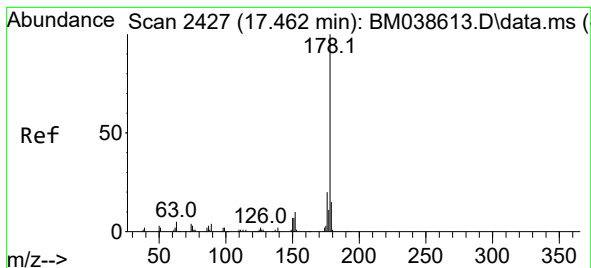


#72
 Phenanthrene
 Concen: 34.985 ng/ul
 RT: 17.374 min Scan# 2412
 Delta R.T. 0.000 min
 Lab File: BM038623.D
 Acq: 31 Jan 2023 17:19



Tgt Ion:178 Resp: 397564
 Ion Ratio Lower Upper
 178 100
 179 15.1 11.7 17.5
 176 20.6 16.2 24.2





#74

Anthracene

Concen: 34.574 ng/uI

RT: 17.463 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

ClientSampleId :

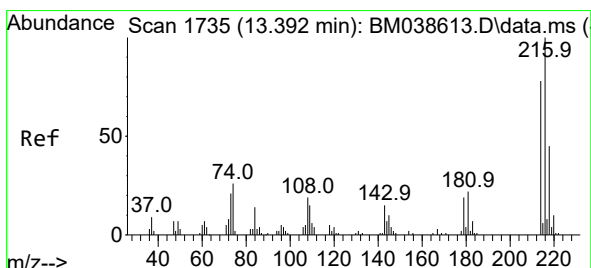
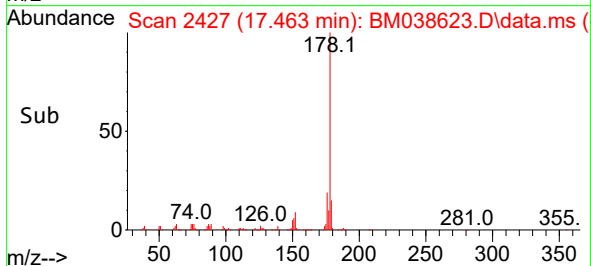
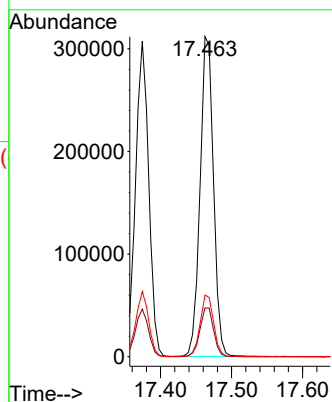
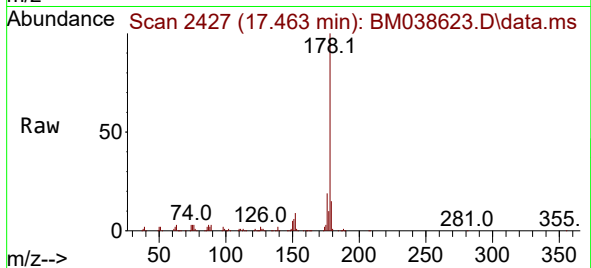
Tgt Ion:178 Resp: 411423

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 19.3 16.3 24.5



#75

1,2,3,4-Tetrachlorobenzene

Concen: 29.334 ng/uI

RT: 13.392 min Scan# 1735

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

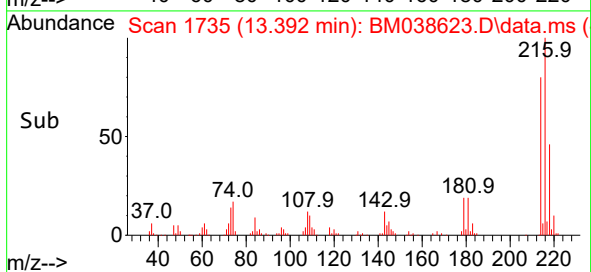
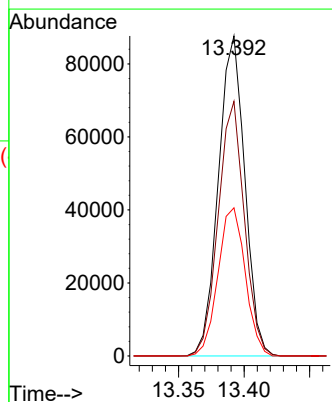
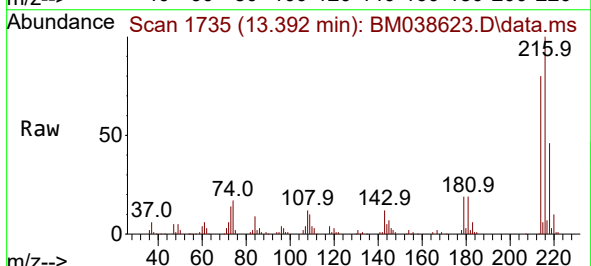
Tgt Ion:216 Resp: 122600

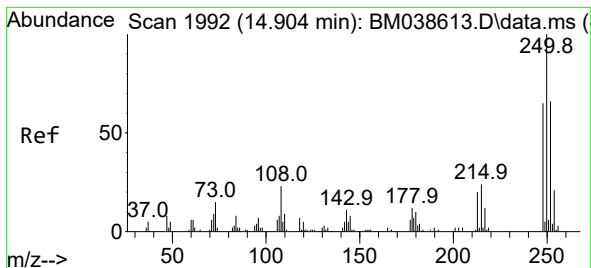
Ion Ratio Lower Upper

216 100

214 79.6 62.5 93.7

218 46.3 37.4 56.0





#76

Pentachlorobenzene

Concen: 31.515 ng/uL

RT: 14.904 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

ClientSampleId :

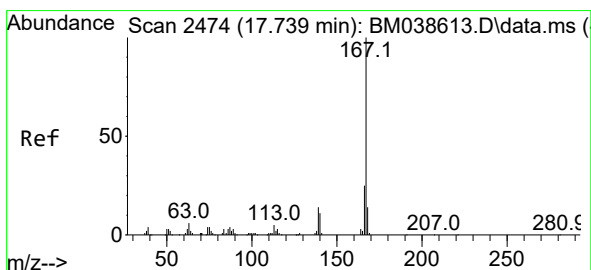
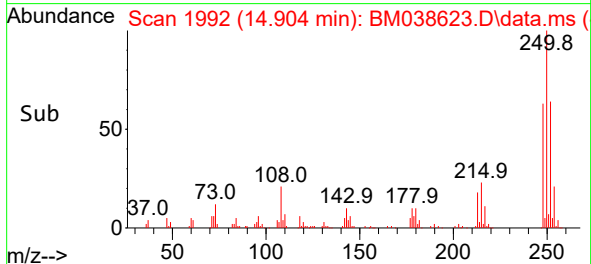
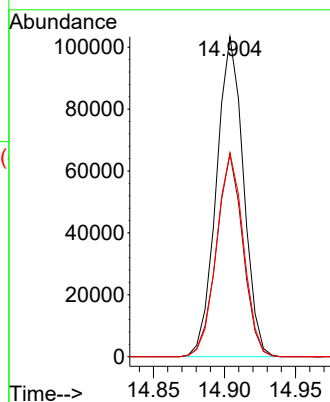
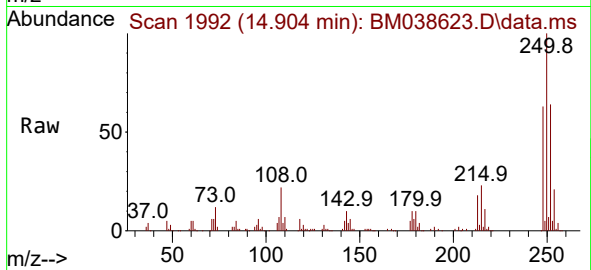
Tgt Ion:250 Resp: 137057

Ion Ratio Lower Upper

250 100

248 63.3 50.6 75.8

252 63.7 51.3 76.9



#77

Carbazole

Concen: 29.794 ng/uL

RT: 17.739 min Scan# 2474

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

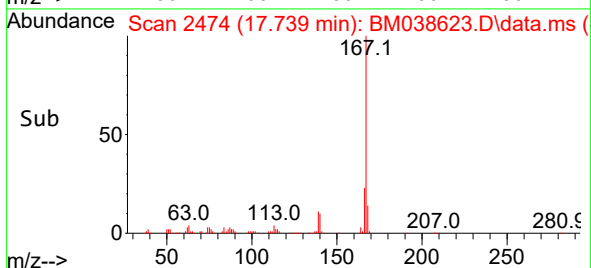
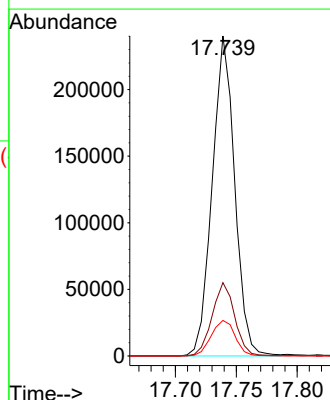
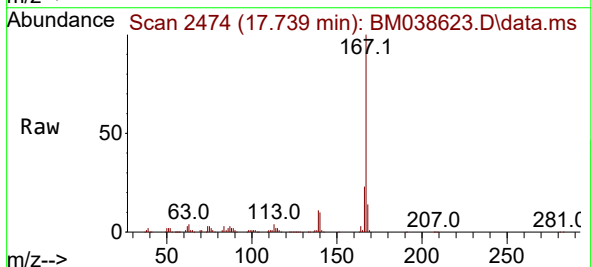
Tgt Ion:167 Resp: 307744

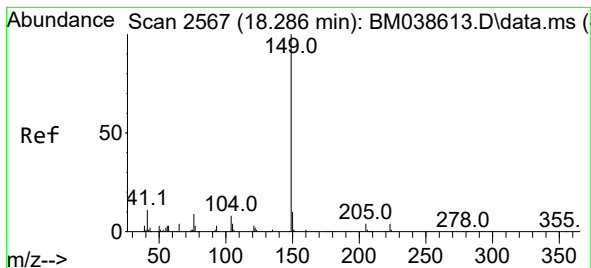
Ion Ratio Lower Upper

167 100

166 22.9 19.5 29.3

139 11.1 11.3 16.9#





#78

Di-n-butylphthalate

Concen: 33.185 ng/ul

RT: 18.286 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

ClientSampleId :

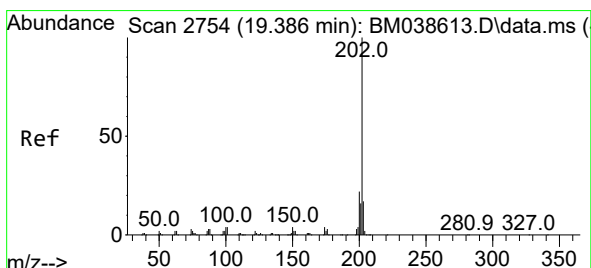
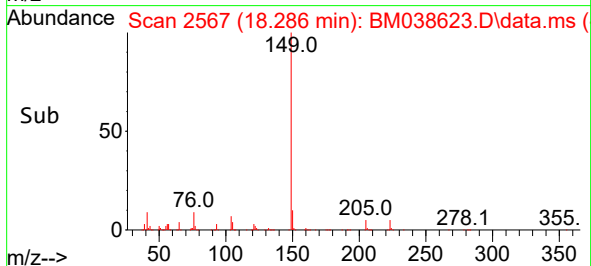
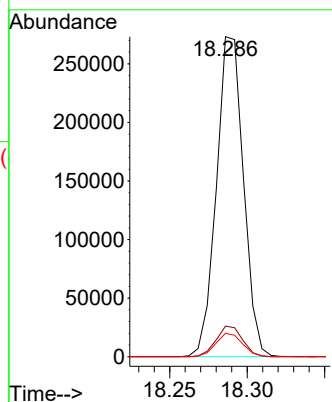
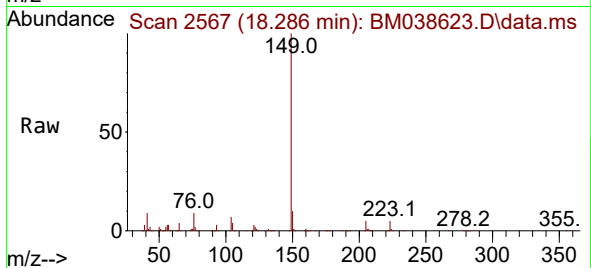
Tgt Ion:149 Resp: 331628

Ion Ratio Lower Upper

149 100

150 9.5 7.2 10.8

104 7.3 6.2 9.4



#80

Fluoranthene

Concen: 40.711 ng/ul

RT: 19.386 min Scan# 2754

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

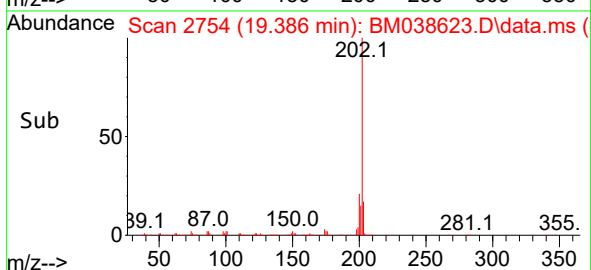
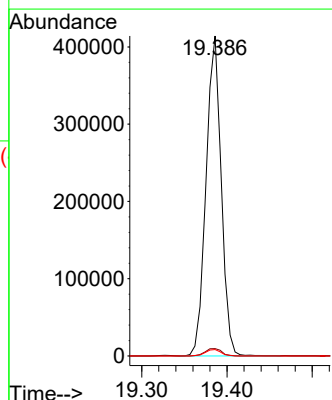
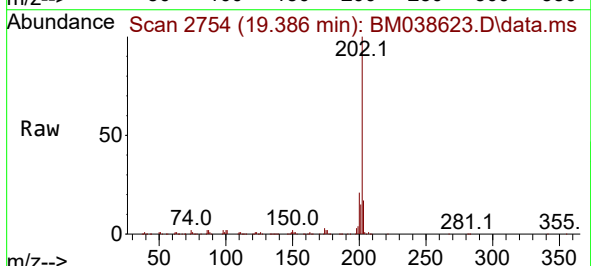
Tgt Ion:202 Resp: 511918

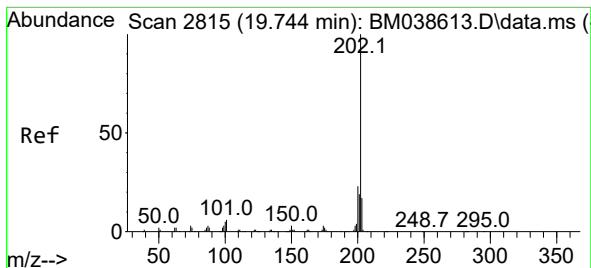
Ion Ratio Lower Upper

202 100

101 2.3 2.8 4.2#

100 2.0 2.4 3.6#





#82

Pyrene

Concen: 40.375 ng/ul

RT: 19.751 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

ClientSampleId :

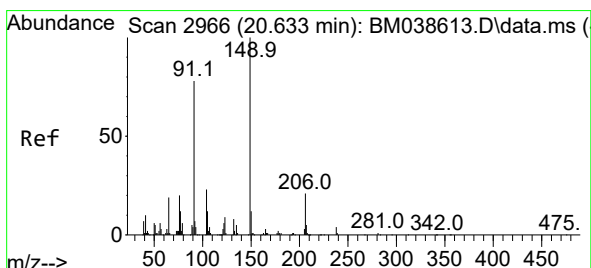
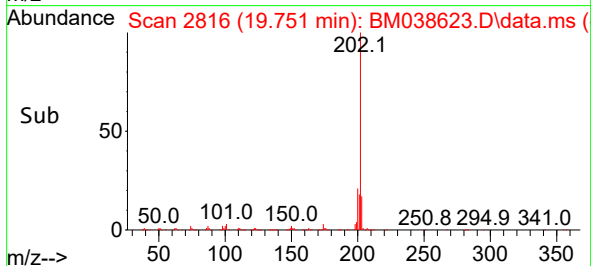
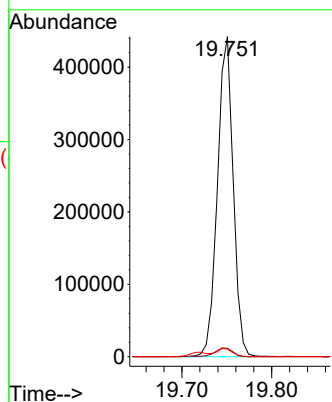
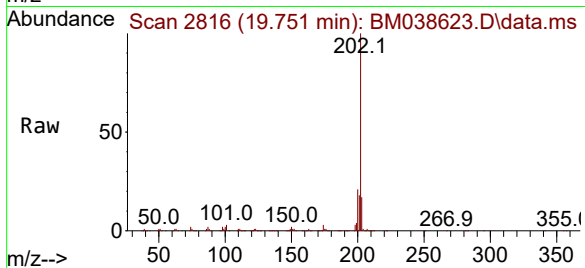
Tgt Ion:202 Resp: 538777

Ion Ratio Lower Upper

202 100

101 2.6 3.3 4.9#

100 2.4 2.8 4.2#



#83

Butylbenzylphthalate

Concen: 34.048 ng/ul

RT: 20.639 min Scan# 2967

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

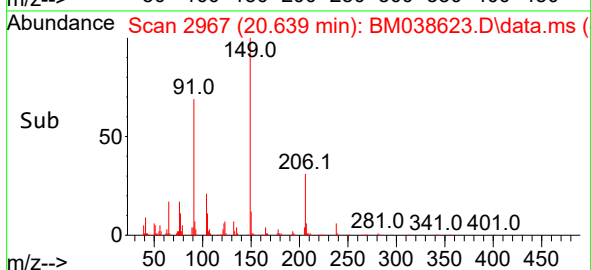
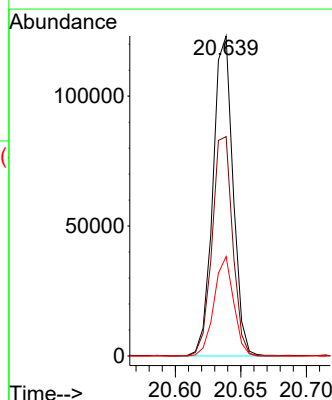
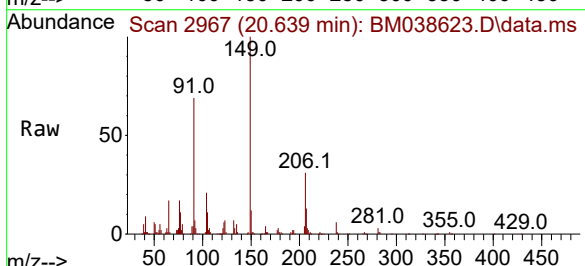
Tgt Ion:149 Resp: 131054

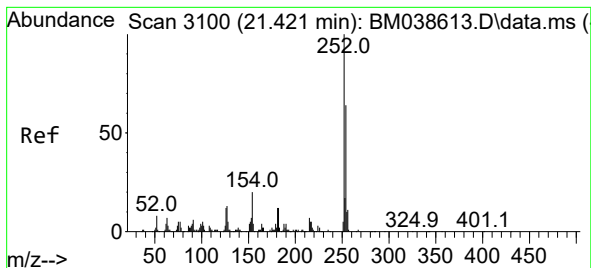
Ion Ratio Lower Upper

149 100

91 68.5 59.0 88.4

206 31.1 19.0 28.6#





#84

3,3'-Dichlorobenzidine

Concen: 34.241 ng/ul

RT: 21.427 min Scan# 3101

Delta R.T. 0.000 min

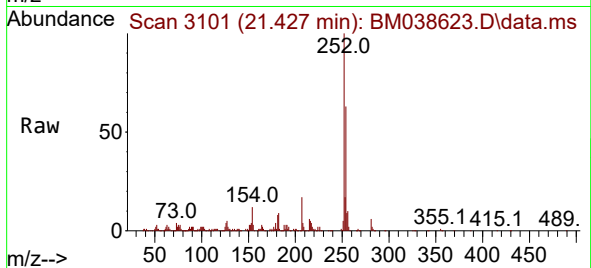
Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

ClientSampleId :



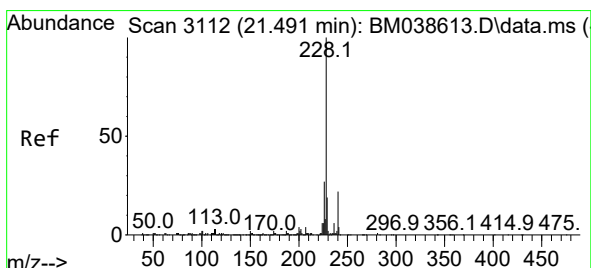
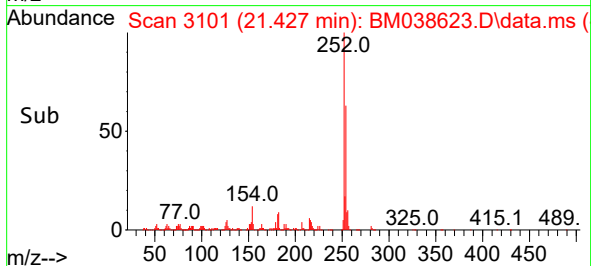
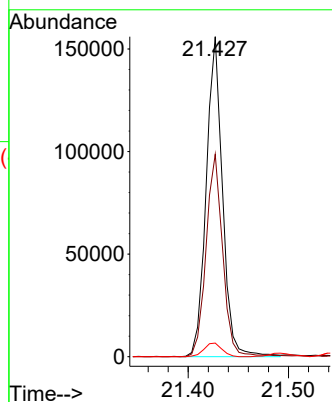
Tgt Ion:252 Resp: 177101

Ion Ratio Lower Upper

252 100

254 63.2 52.7 79.1

126 4.3 5.0 7.4#



#85

Benzo(a)anthracene

Concen: 35.148 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

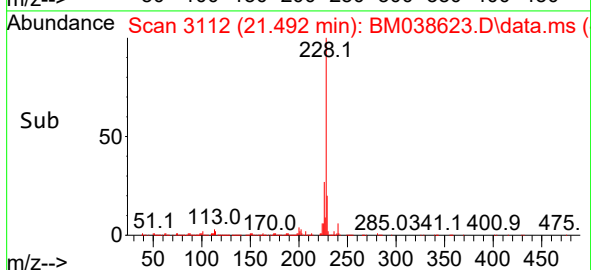
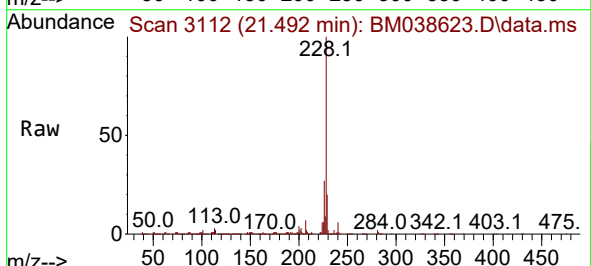
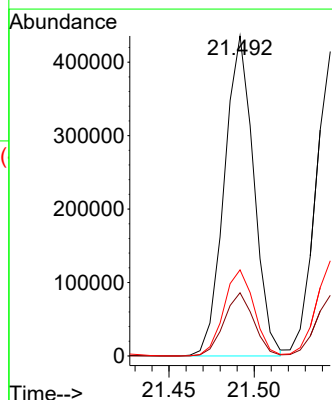
Tgt Ion:228 Resp: 524195

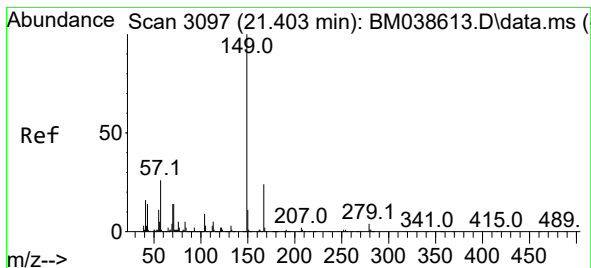
Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

226 26.9 22.2 33.4

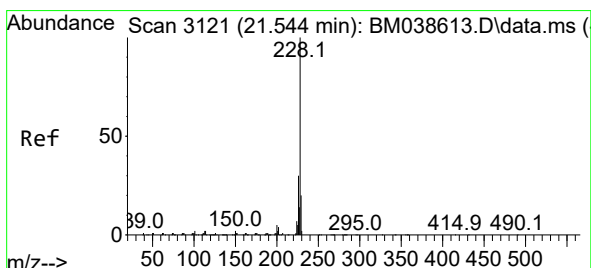
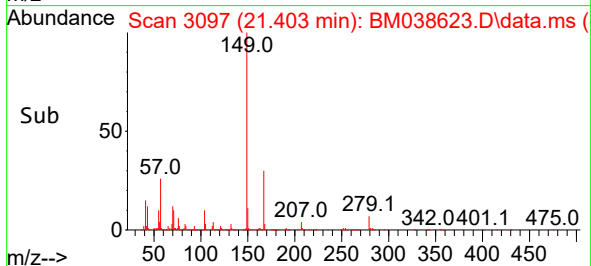
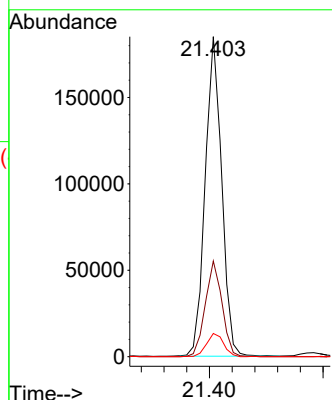
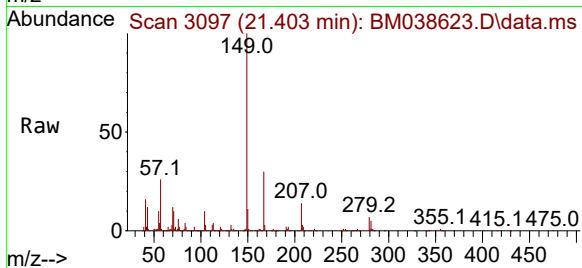




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 33.935 ng/ul
 RT: 21.403 min Scan# 3097
 Delta R.T. 0.000 min
 Lab File: BM038623.D
 Acq: 31 Jan 2023 17:19

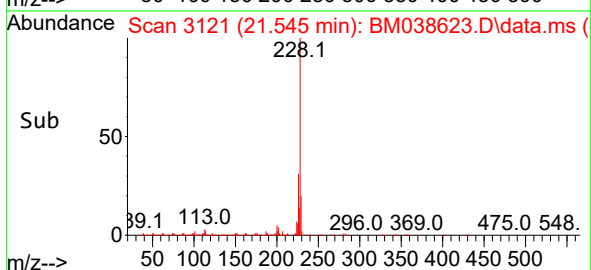
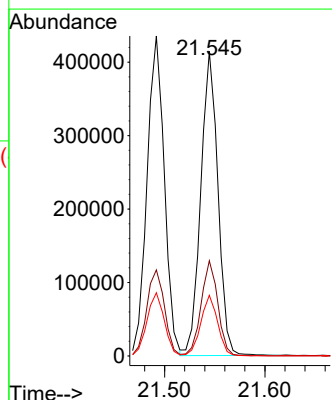
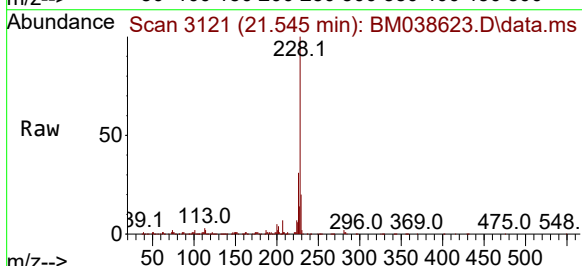
Instrument :
 BNA_M
 ClientSampleId :

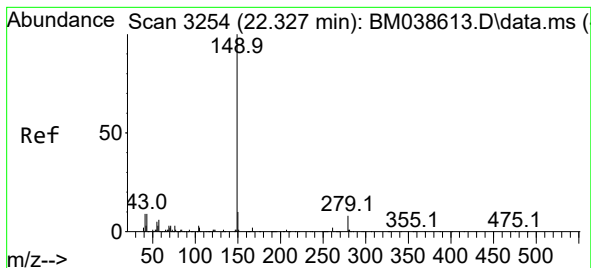
Tgt Ion:149 Resp: 185859
 Ion Ratio Lower Upper
 149 100
 167 29.9 21.0 31.4
 279 7.3 5.1 7.7



#87
 Chrysene
 Concen: 35.691 ng/ul
 RT: 21.545 min Scan# 3121
 Delta R.T. 0.000 min
 Lab File: BM038623.D
 Acq: 31 Jan 2023 17:19

Tgt Ion:228 Resp: 492701
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.5 36.7
 229 19.9 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 28.445 ng/ul

RT: 22.327 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038623.D

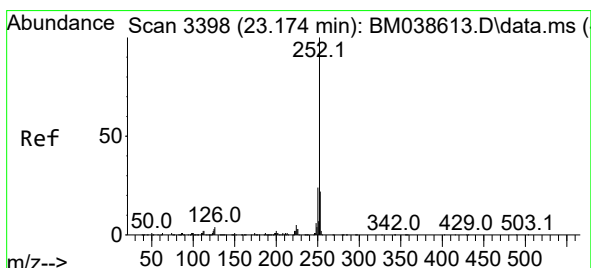
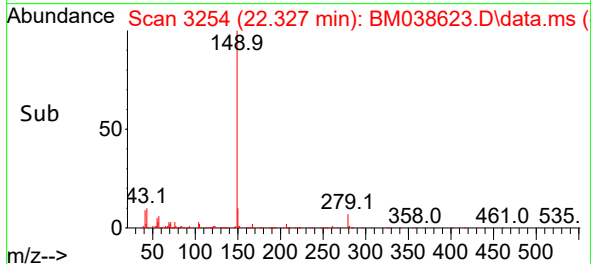
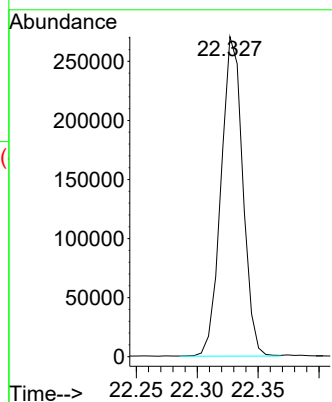
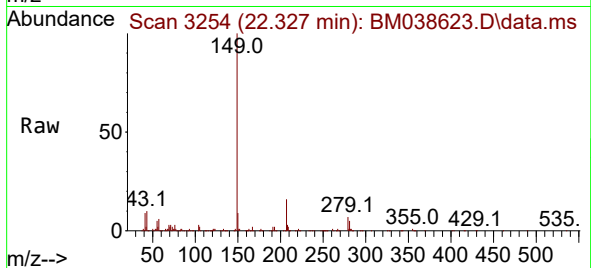
Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:149 Resp: 335550



#90

Benzo(b)fluoranthene

Concen: 36.916 ng/ul

RT: 23.180 min Scan# 3399

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

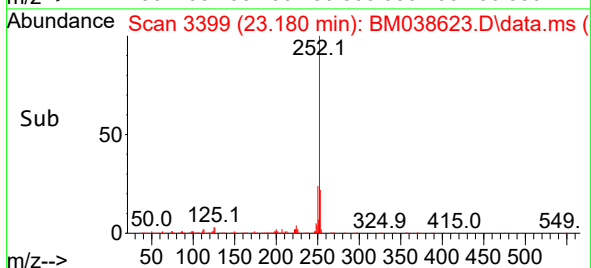
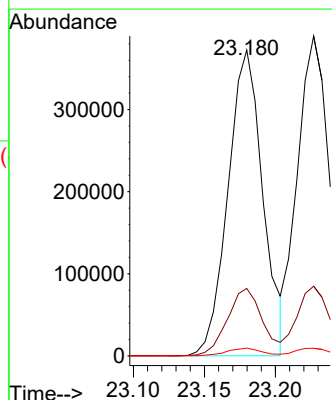
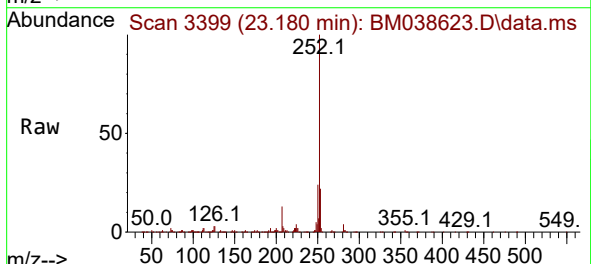
Tgt Ion:252 Resp: 635724

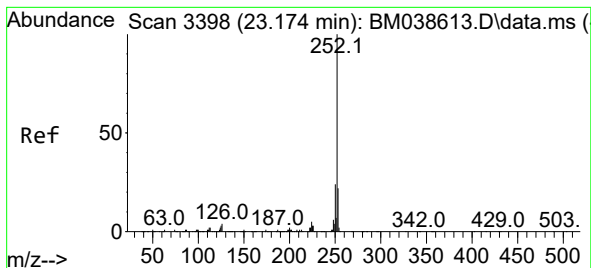
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 2.6 2.6 3.8





#91

Benzo(k)fluoranthene

Concen: 35.673 ng/ul

RT: 23.227 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

ClientSampleId :

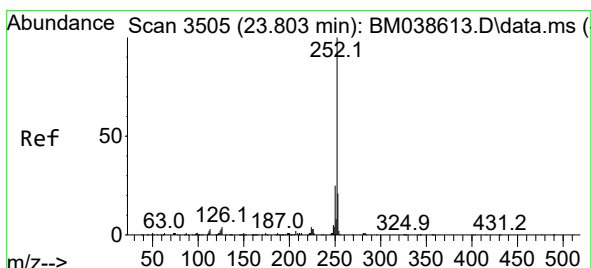
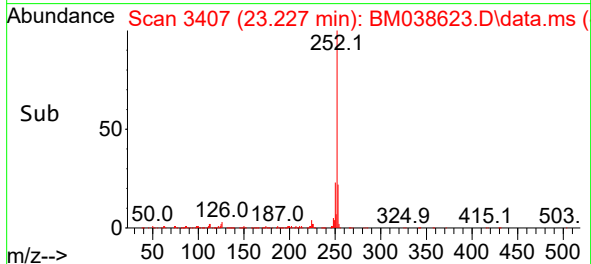
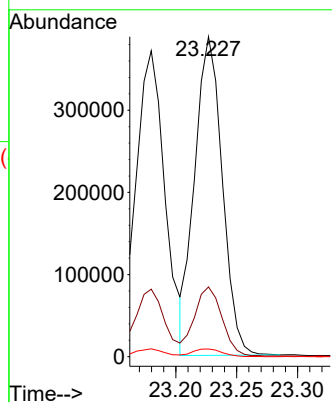
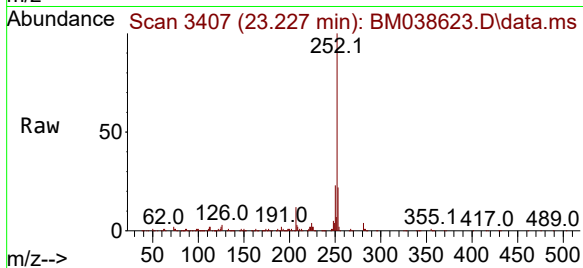
Tgt Ion:252 Resp: 612330

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

125 2.4 2.6 4.0#



#93

Benzo(a)pyrene

Concen: 36.156 ng/ul

RT: 23.809 min Scan# 3506

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

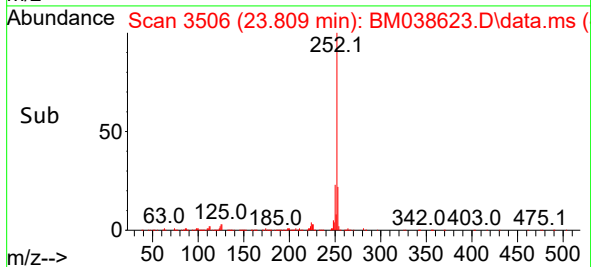
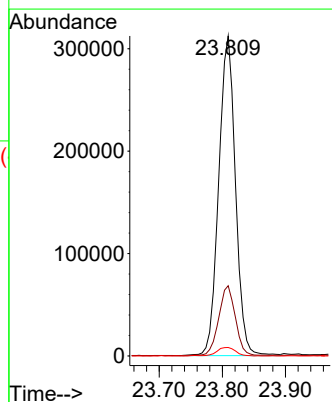
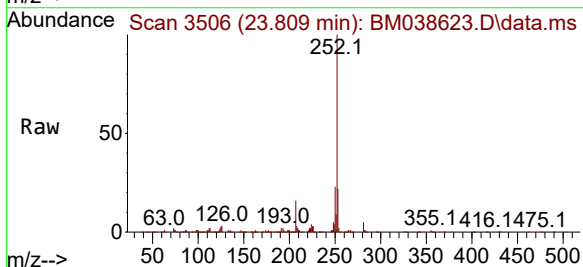
Tgt Ion:252 Resp: 576598

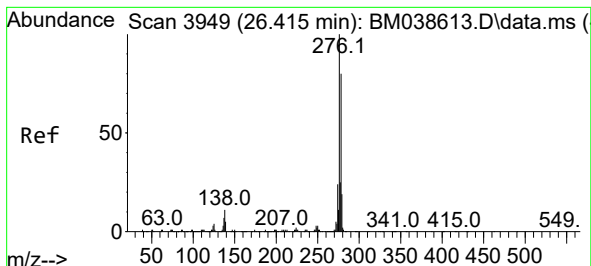
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 2.6 2.8 4.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 35.607 ng/ul

RT: 26.421 min Scan# 3950

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

ClientSampleId :

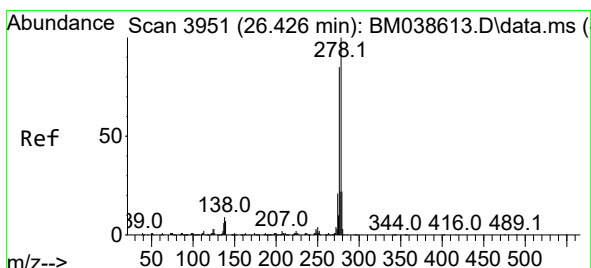
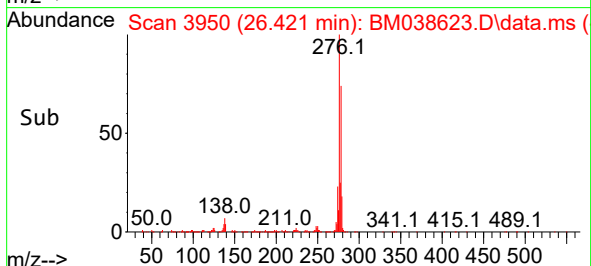
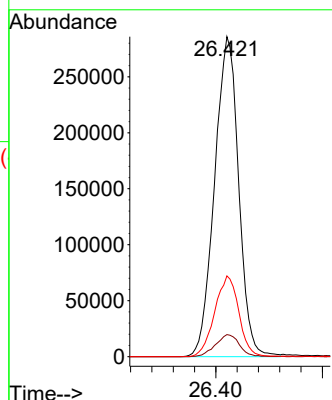
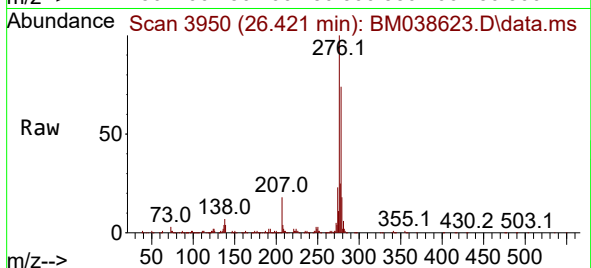
Tgt Ion:276 Resp: 897585

Ion Ratio Lower Upper

276 100

138 6.9 6.1 9.1

277 25.3 20.5 30.7



#95

Dibenzo(a,h)anthracene

Concen: 35.208 ng/ul

RT: 26.433 min Scan# 3952

Delta R.T. 0.000 min

Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

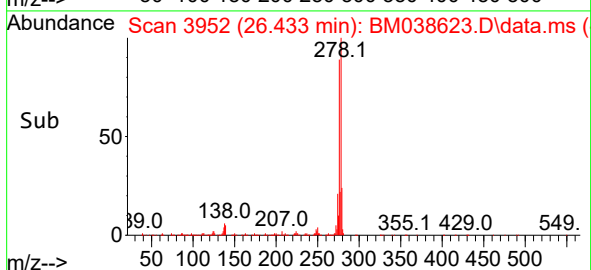
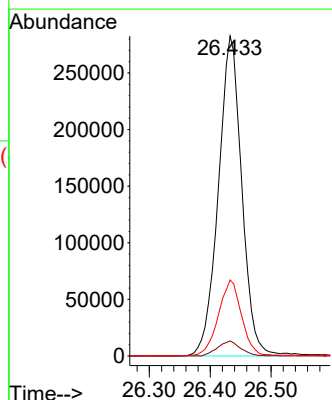
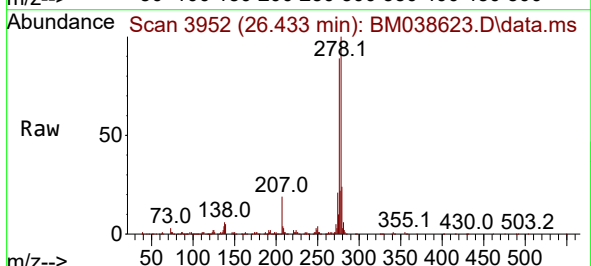
Tgt Ion:278 Resp: 753256

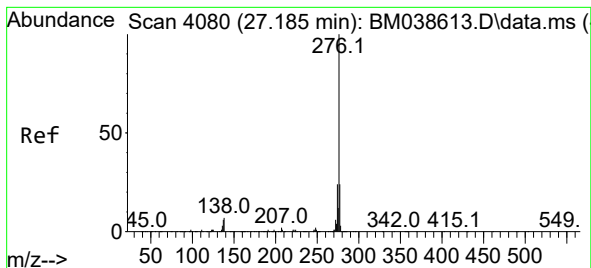
Ion Ratio Lower Upper

278 100

139 4.7 4.3 6.5

279 23.7 18.9 28.3





#96

Benzo(g,h,i)perylene

Concen: 35.644 ng/ul

RT: 27.197 min Scan# 40

Delta R.T. 0.000 min

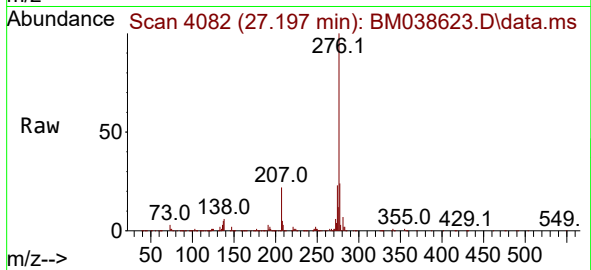
Lab File: BM038623.D

Acq: 31 Jan 2023 17:19

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 729289

Ion Ratio Lower Upper

276 100

138 5.5 6.0 9.0#

277 24.0 19.2 28.8

