

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
 Data File : BM038621.D
 Acq On : 31 Jan 2023 16:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 00:04:15 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	27705	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	91165	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	80868	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	205785	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.509	240	187373	20.000	ng/ul	0.00
88) Perylene-d12	23.909	264	249573	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	5650	7.272	ng/uL	0.00
4) Pyridine-d5	3.763	84	35122	18.051	ng/ul	0.00
7) Phenol-d5	7.116	99	35524	19.209	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	21573	19.985	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	30362	19.797	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	27988	18.968	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	13768	19.924	ng/ul	0.00
24) 2-Nitrophenol-d4	9.845	143	18981	20.799	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	46766	23.155	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	38079	19.401	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	134052	20.067	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	137676	19.367	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	13837	14.973	ng/ul	0.00
60) Fluorene-d10	15.580	176	125283	20.972	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	32107	18.227	ng/ul	0.00
73) Anthracene-d10	17.427	188	207255	20.008	ng/ul	0.00
81) Pyrene-d10	19.715	212	225902	23.398	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	256452	20.019	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	5814	6.945	ng/uL#	87
5) Pyridine	3.781	79	33343	16.687	ng/ul	96
6) Benzaldehyde	7.092	77	17692	20.748	ng/ul	96
8) Phenol	7.145	94	35687	19.274	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.381	93	25799	19.502	ng/ul	93
12) 2-Chlorophenol	7.516	128	30120	19.572	ng/ul	94
13) 2-Methylphenol	8.398	108	26739	19.007	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.486	45	27588	20.185	ng/ul	96
16) Acetophenone	8.786	105	49778	19.095	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.769	70	25914	21.631	ng/ul#	97
18) 4-Methylphenol	8.733	108	28312	18.960	ng/ul	100
19) Hexachloroethane	9.028	117	15270	19.672	ng/ul#	65
22) Nitrobenzene	9.169	77	42663	20.513	ng/ul	98
23) Isophorone	9.692	82	68945	21.907	ng/ul	98
25) 2-Nitrophenol	9.880	139	18754	20.733	ng/ul#	86
26) 2,4-Dimethylphenol	9.933	107	41647	21.197	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.175	93	33446	20.842	ng/ul	94
29) 2,4-Dichlorophenol	10.410	162	44178	23.014	ng/ul	91
30) Naphthalene	10.816	128	91476	20.224	ng/ul	98
32) 4-Chloroaniline	10.933	127	37200	18.888	ng/ul	97
33) Hexachlorobutadiene	11.086	225	47521	23.821	ng/ul	95
34) Caprolactam	11.722	113	4992	13.218	ng/ul	90
35) 4-Chloro-3-methylphenol	12.051	107	33194	21.891	ng/ul#	90
36) 2-Methylnaphthalene	12.422	142	73469	21.838	ng/ul	99

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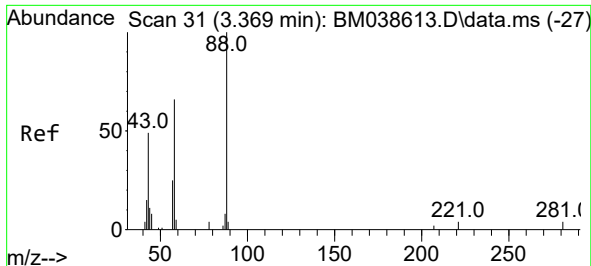
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	75064	21.614	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	79486	19.968	ng/ul	95
40) Hexachlorocyclopentadiene	12.757	237	58758	20.685	ng/ul	98
41) 2,4,6-Trichlorophenol	13.027	196	51913	21.420	ng/ul	92
42) 2,4,5-Trichlorophenol	13.098	196	54341	20.995	ng/ul	95
43) 1,1'-Biphenyl	13.427	154	116478	18.732	ng/ul	99
44) 2-Chloronaphthalene	13.468	162	99687	19.298	ng/ul	95
45) 2-Nitroaniline	13.686	65	25302	18.313	ng/ul	92
47) Dimethylphthalate	14.051	163	130593	19.868	ng/ul	98
48) 2,6-Dinitrotoluene	14.180	165	24733	20.317	ng/ul	90
50) Acenaphthylene	14.316	152	132411	18.627	ng/ul	99
51) 3-Nitroaniline	14.510	138	14619	16.683	ng/ul#	94
52) Acenaphthene	14.651	153	99534	18.811	ng/ul	96
53) 2,4-Dinitrophenol	14.715	184	18744	19.153	ng/ul	88
55) 4-Nitrophenol	14.810	109	26270	16.944	ng/ul	95
56) Dibenzofuran	14.986	168	158708	20.167	ng/ul	95
57) 2,4-Dinitrotoluene	14.963	165	36581	20.387	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.215	232	47831	21.107	ng/ul#	87
59) Diethylphthalate	15.404	149	116753	18.947	ng/ul	95
61) Fluorene	15.633	166	134413	20.280	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.627	204	97244	20.852	ng/ul	90
63) 4-Nitroaniline	15.668	138	11232	15.547	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.721	198	30076	18.092	ng/ul#	94
67) N-Nitrosodiphenylamine	15.845	169	113320	19.532	ng/ul	97
68) 4-Bromophenyl-phenylether	16.521	248	58549	20.192	ng/ul	92
69) Hexachlorobenzene	16.633	284	68981	20.380	ng/ul#	91
70) Atrazine	16.792	200	54843	18.839	ng/ul	98
71) Pentachlorophenol	16.980	266	39405	18.199	ng/ul	91
72) Phenanthrene	17.374	178	208089	19.349	ng/ul	98
74) Anthracene	17.462	178	215894	19.171	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	75247	19.024	ng/ul	98
76) Pentachlorobenzene	14.904	250	80933	19.664	ng/ul	99
77) Carbazole	17.739	167	155991	15.958	ng/ul	97
78) Di-n-butylphthalate	18.286	149	170676	18.047	ng/ul	99
80) Fluoranthene	19.386	202	264626	23.647	ng/ul#	97
82) Pyrene	19.750	202	271424	22.854	ng/ul#	96
83) Butylbenzylphthalate	20.639	149	64380	18.794	ng/ul#	94
84) 3,3'-Dichlorobenzidine	21.427	252	84011	18.251	ng/ul#	98
85) Benzo(a)anthracene	21.491	228	264152	19.901	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.403	149	89164	18.293	ng/ul	96
87) Chrysene	21.544	228	245739	20.002	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	159296	15.071	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	300614	19.483	ng/ul#	99
91) Benzo(k)fluoranthene	23.227	252	306406	19.922	ng/ul#	97
93) Benzo(a)pyrene	23.803	252	281974	19.734	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.415	276	435659	19.289	ng/ul#	98
95) Dibenzo(a,h)anthracene	26.426	278	359959	18.778	ng/ul	98
96) Benzo(g,h,i)perylene	27.185	276	359459	19.608	ng/ul#	98

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

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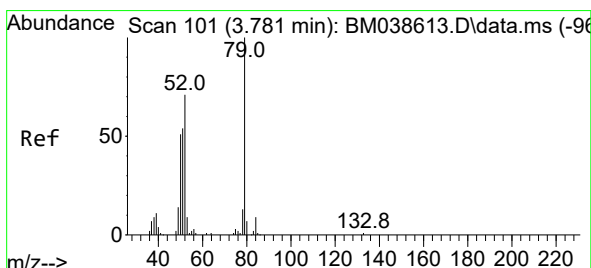
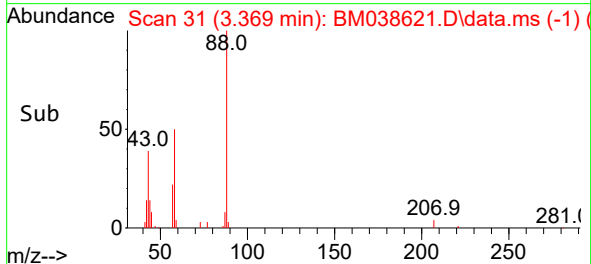
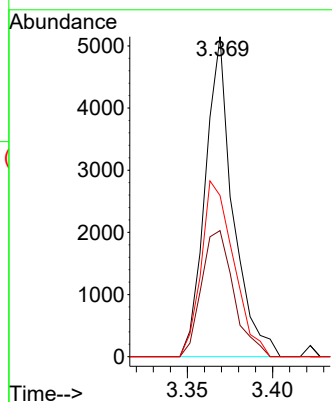
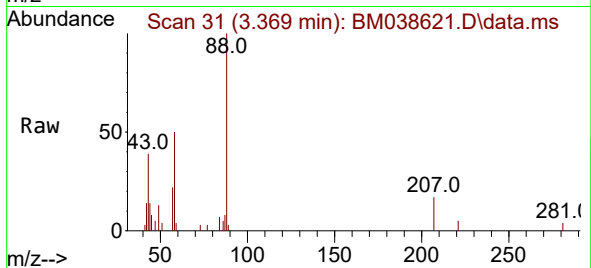




#2
1,4-Dioxane
Concen: 6.945 ng/uL
RT: 3.369 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

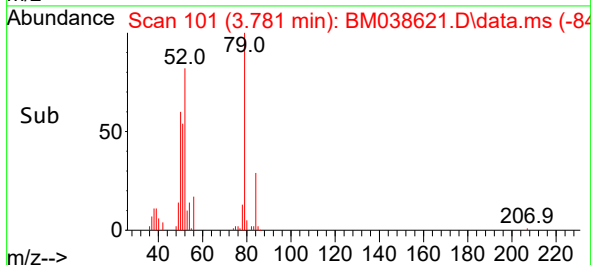
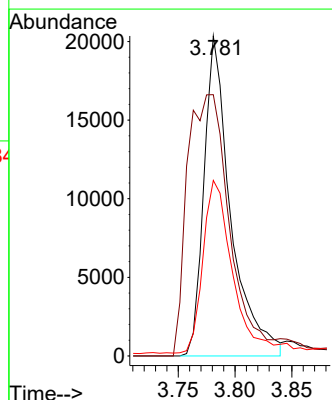
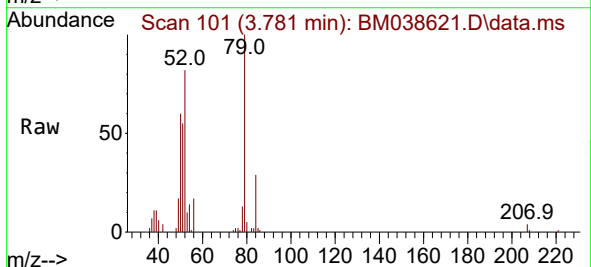
Instrument :
BNA_M
ClientSampleId :

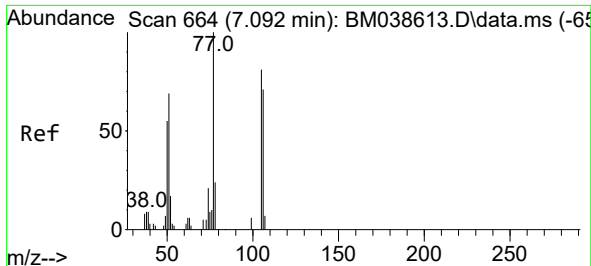
Tgt Ion: 88 Resp: 5814
Ion Ratio Lower Upper
88 100
43 39.4 33.8 50.8
58 50.3 52.1 78.1#



#5
Pyridine
Concen: 16.687 ng/uL
RT: 3.781 min Scan# 101
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion: 79 Resp: 33343
Ion Ratio Lower Upper
79 100
52 81.6 67.4 101.0
51 54.9 40.7 61.1

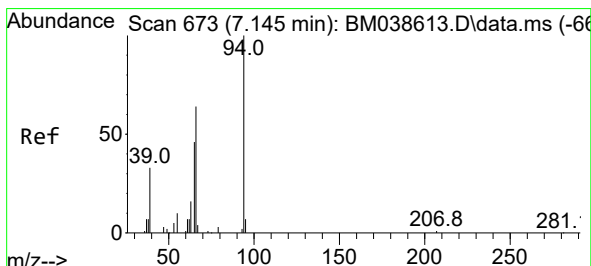
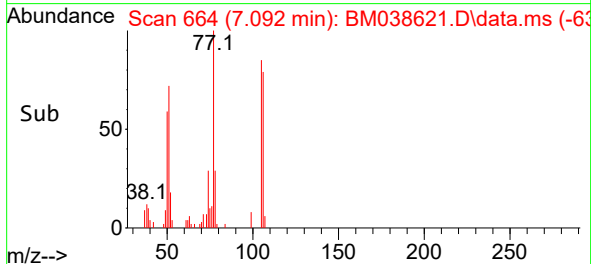
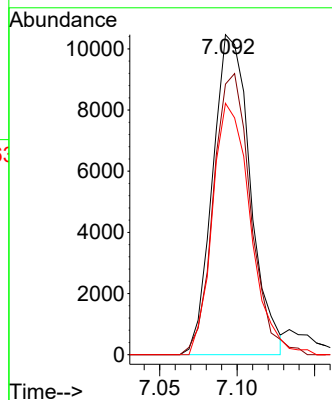
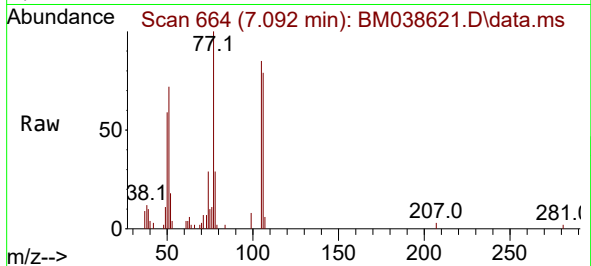




#6
Benzaldehyde
Concen: 20.748 ng/ul
RT: 7.092 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

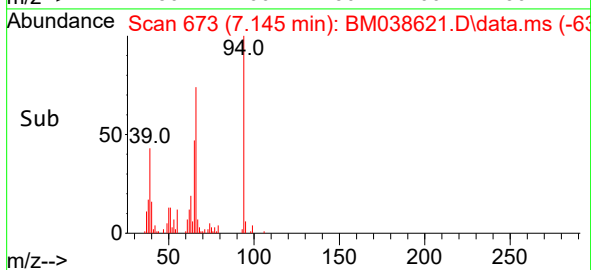
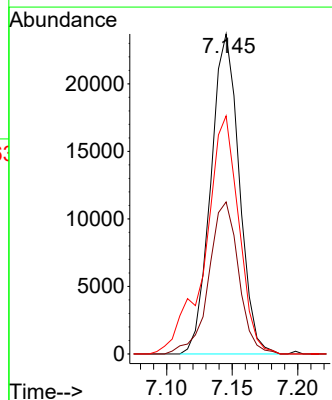
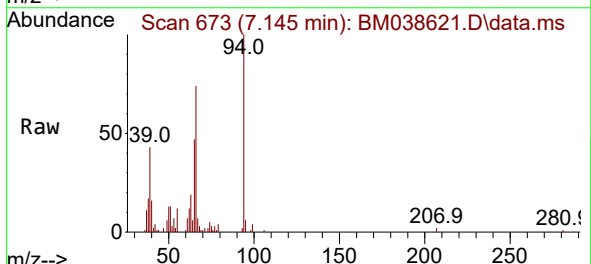
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BNA_M
ClientSampleId :

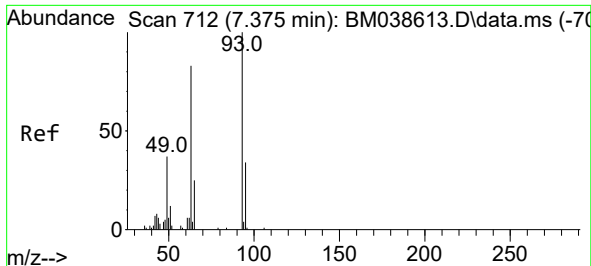
Tgt Ion: 77 Resp: 17692
Ion Ratio Lower Upper
77 100
105 84.5 68.3 102.5
106 78.6 57.7 86.5



#8
Phenol
Concen: 19.274 ng/ul
RT: 7.145 min Scan# 673
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion: 94 Resp: 35687
Ion Ratio Lower Upper
94 100
65 47.5 38.2 57.2
66 74.4 57.9 86.9





#10

Bis(2-Chloroethyl)ether

Concen: 19.502 ng/ul

RT: 7.381 min Scan# 713

Delta R.T. -0.000 min

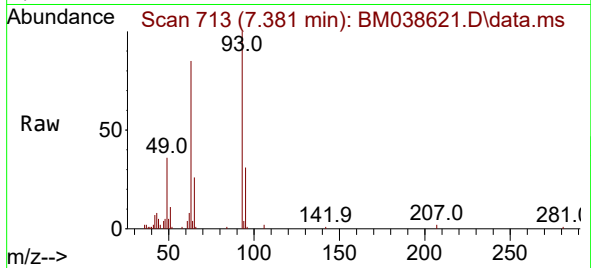
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Acq: 31 Jan 2023 16:05

Instrument :

BNA_M

ClientSampleId :



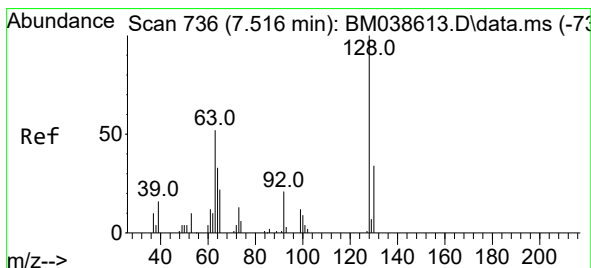
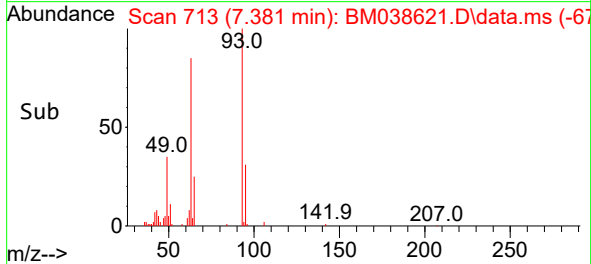
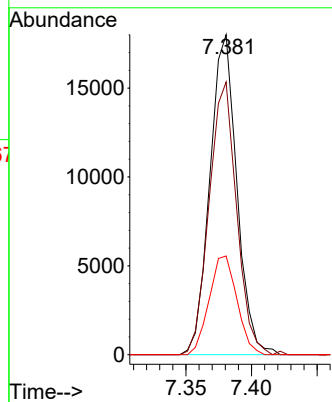
Tgt Ion: 93 Resp: 25799

Ion Ratio Lower Upper

93 100

63 85.2 73.9 110.9

95 30.8 28.0 42.0



#12

2-Chlorophenol

Concen: 19.572 ng/ul

RT: 7.516 min Scan# 736

Delta R.T. -0.000 min

Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

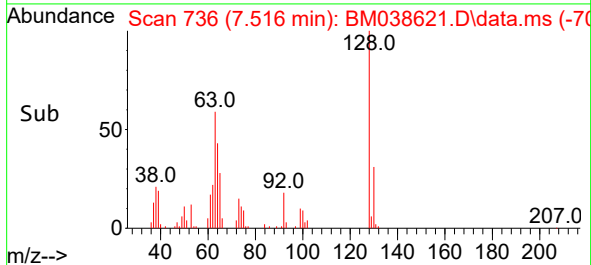
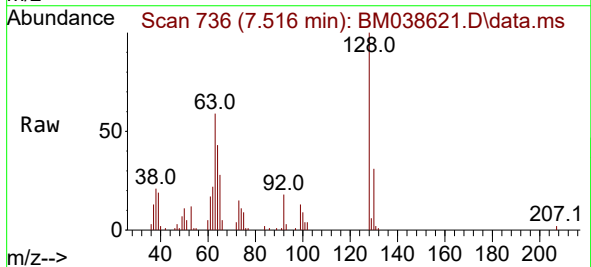
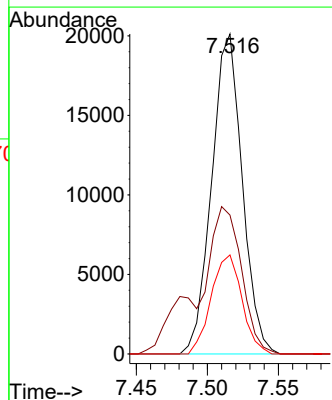
Tgt Ion:128 Resp: 30120

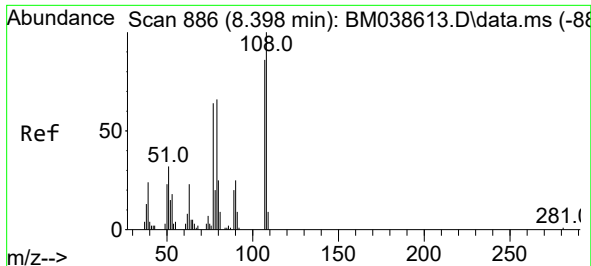
Ion Ratio Lower Upper

128 100

64 43.4 40.0 60.0

130 30.9 24.4 36.6





#13

2-Methylphenol

Concen: 19.007 ng/ul

RT: 8.398 min Scan# 886

Delta R.T. -0.006 min

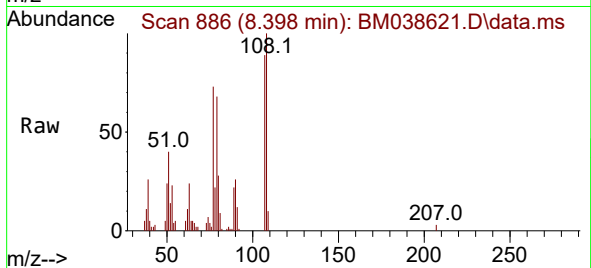
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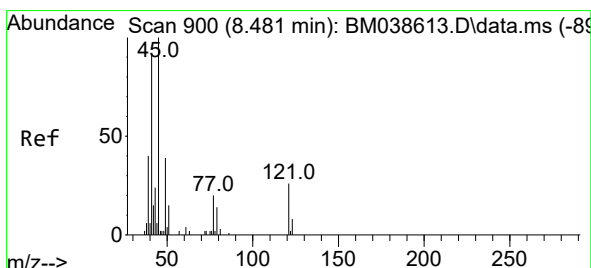
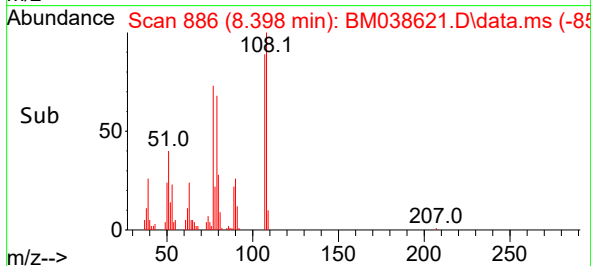
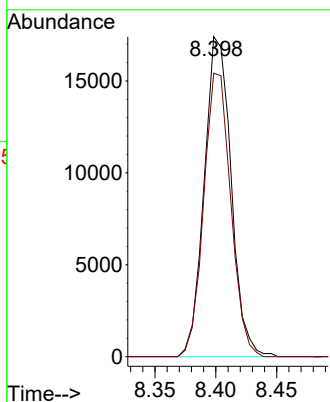


Tgt Ion:108 Resp: 26739

Ion Ratio Lower Upper

108 100

107 88.6 66.6 100.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.185 ng/ul

RT: 8.486 min Scan# 901

Delta R.T. 0.006 min

Lab File: BM038621.D

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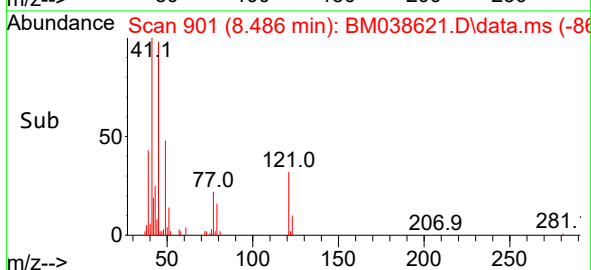
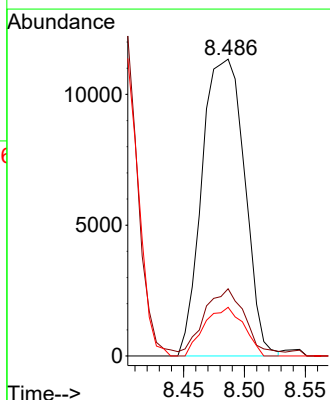
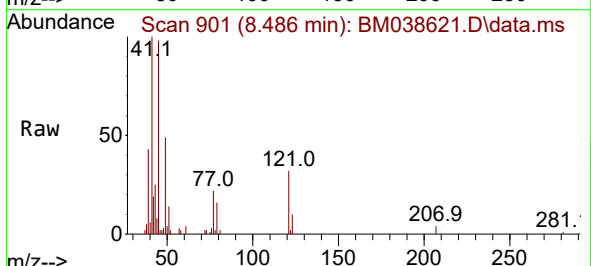
Tgt Ion: 45 Resp: 27588

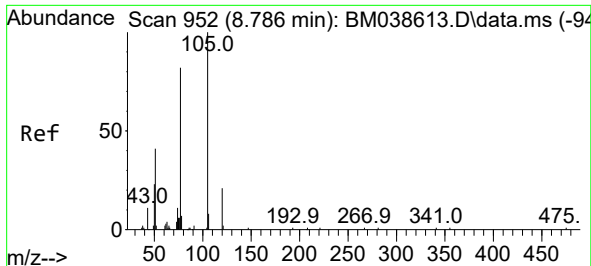
Ion Ratio Lower Upper

45 100

77 22.6 16.9 25.3

79 16.4 11.8 17.6

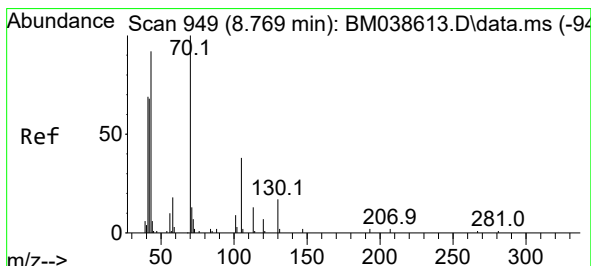
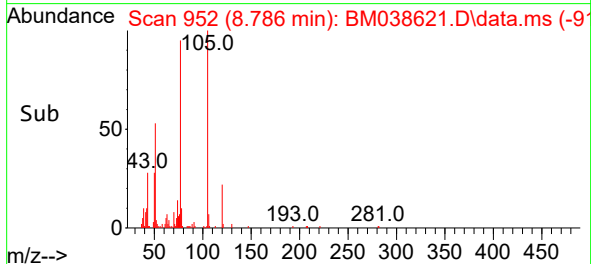
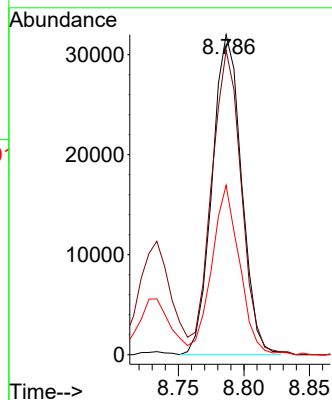
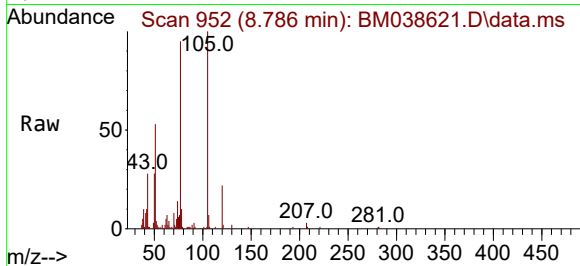




#16
Acetophenone
Concen: 19.095 ng/ul
RT: 8.786 min Scan# 91
Delta R.T. -0.000 min
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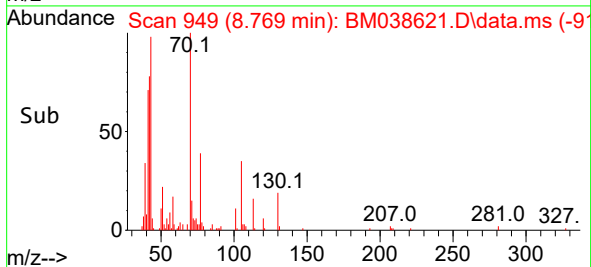
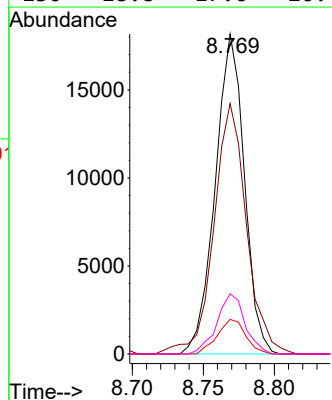
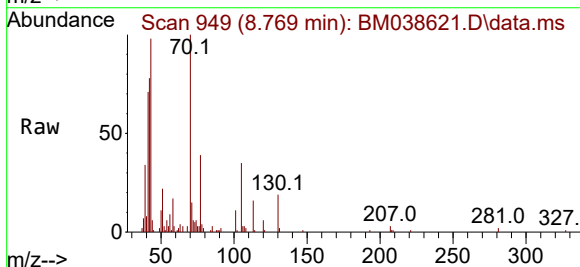
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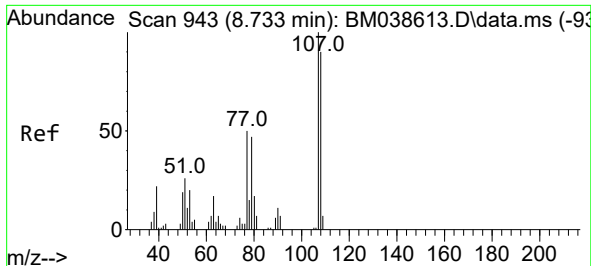
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Ion Ratio Lower Upper
105 100
77 95.1 78.6 117.8
51 53.0 37.2 55.8



#17
N-Nitroso-di-n-propylamine
Concen: 21.631 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion: 70 Resp: 25914
Ion Ratio Lower Upper
70 100
42 78.3 63.6 95.4
101 10.8 6.3 9.5#
130 18.8 17.6 26.4

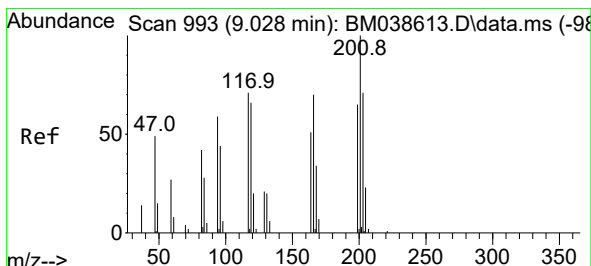
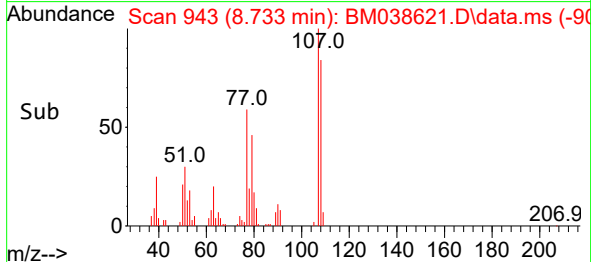
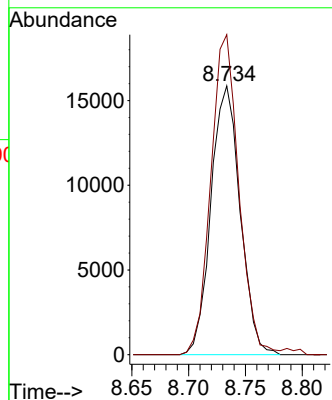
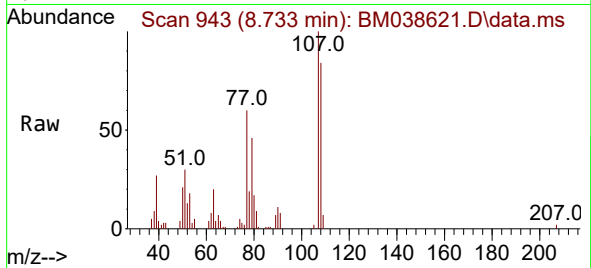




#18
4-Methylphenol
Concen: 18.960 ng/ul
RT: 8.733 min Scan# 943
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

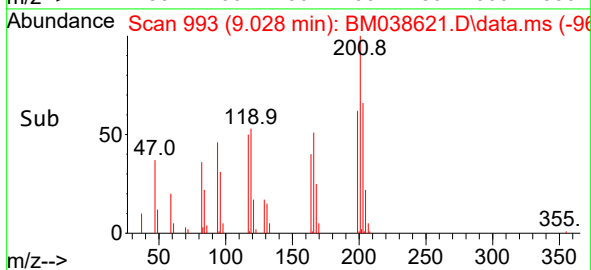
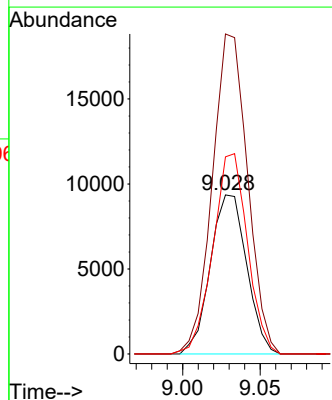
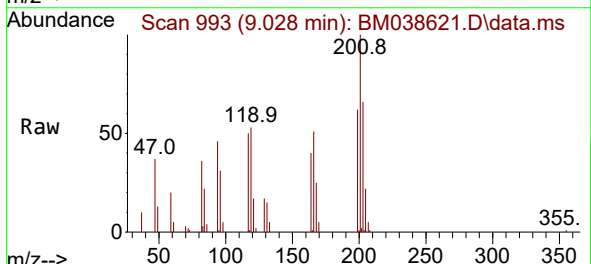
Instrument :
BNA_M
ClientSampleId :

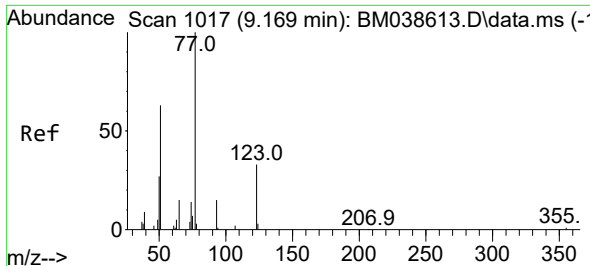
Tgt Ion:108 Resp: 28312
Ion Ratio Lower Upper
108 100
107 119.1 95.1 142.7



#19
Hexachloroethane
Concen: 19.672 ng/ul
RT: 9.028 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:117 Resp: 15270
Ion Ratio Lower Upper
117 100
201 205.6 124.4 186.6#
199 123.9 76.3 114.5#

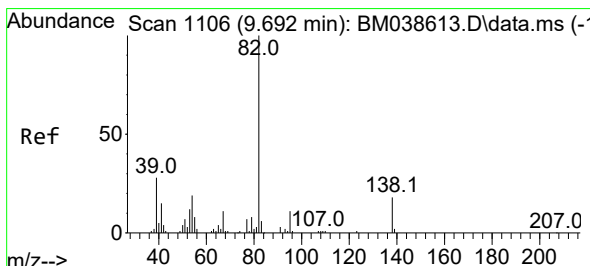
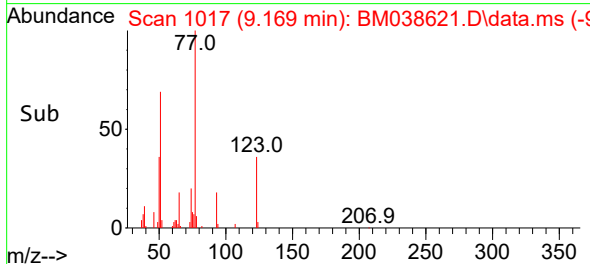
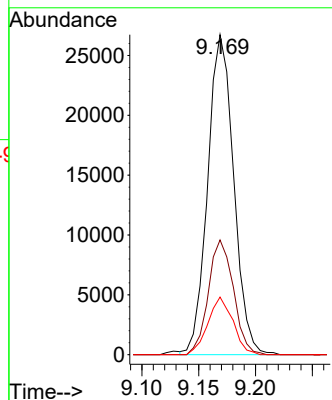
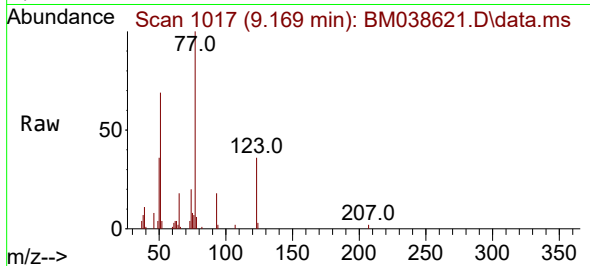




#22
Nitrobenzene
Concen: 20.513 ng/ul
RT: 9.169 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

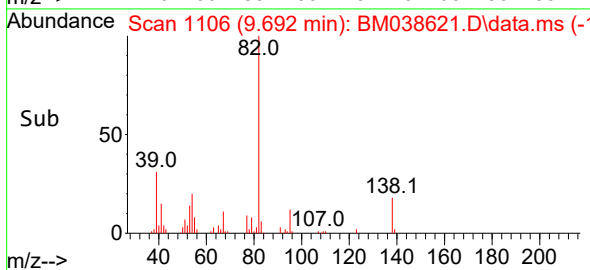
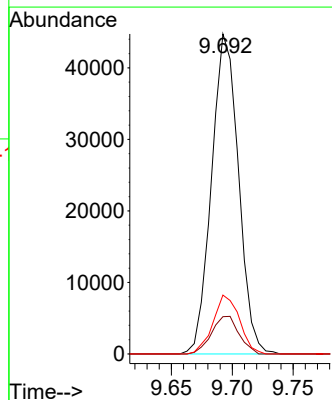
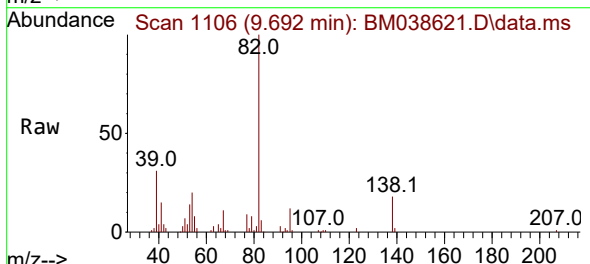
Instrument :
BNA_M
ClientSampleId :

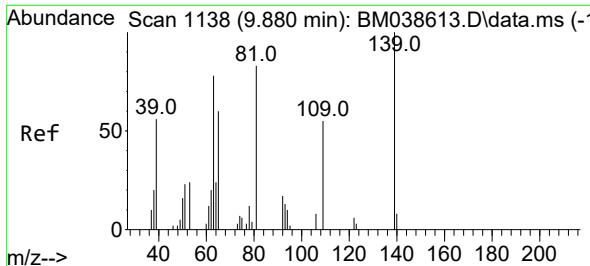
Tgt Ion: 77 Resp: 42663
Ion Ratio Lower Upper
77 100
123 35.9 29.5 44.3
65 18.0 13.6 20.4



#23
Isophorone
Concen: 21.907 ng/ul
RT: 9.692 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion: 82 Resp: 68945
Ion Ratio Lower Upper
82 100
95 11.6 9.3 13.9
138 18.4 13.4 20.0

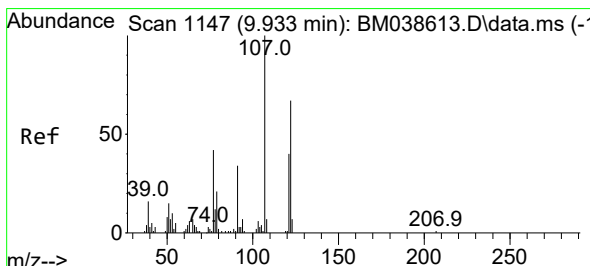
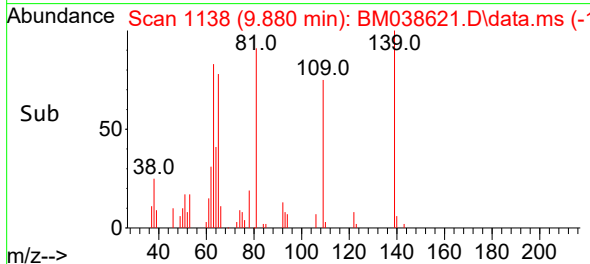
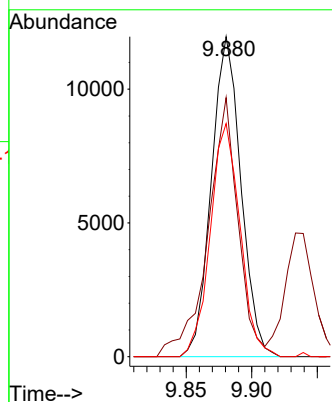
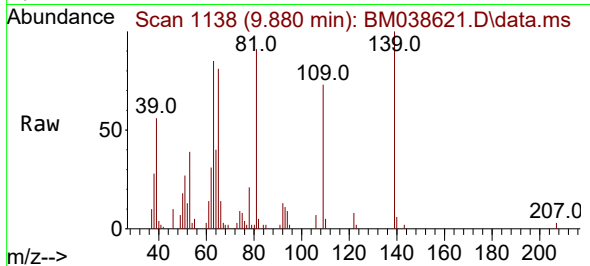




#25
2-Nitrophenol
Concen: 20.733 ng/ul
RT: 9.880 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

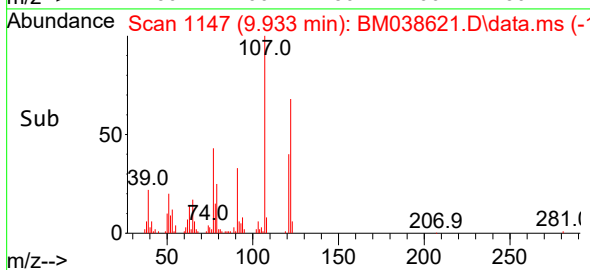
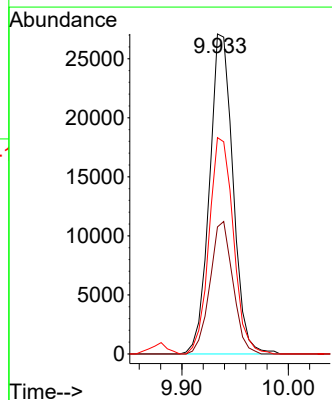
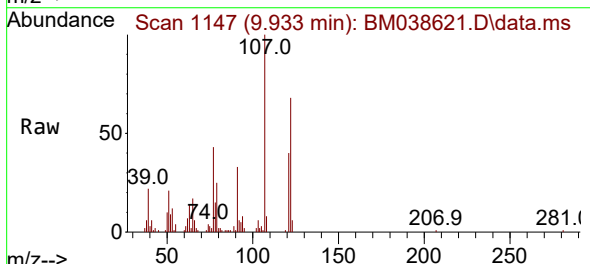
Instrument :
BNA_M
ClientSampleId :

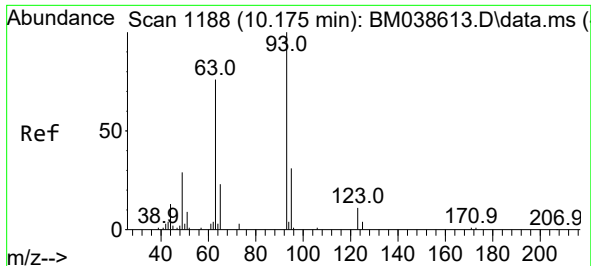
Tgt Ion:139 Resp: 18754
Ion Ratio Lower Upper
139 100
65 81.0 58.6 87.8
109 72.8 46.8 70.2#



#26
2,4-Dimethylphenol
Concen: 21.197 ng/ul
RT: 9.933 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:107 Resp: 41647
Ion Ratio Lower Upper
107 100
121 39.7 32.6 48.8
122 67.6 54.8 82.2





#27

Bis(2-Chloroethoxy)methane

Concen: 20.842 ng/ul

RT: 10.175 min Scan# 1188

Delta R.T. -0.006 min

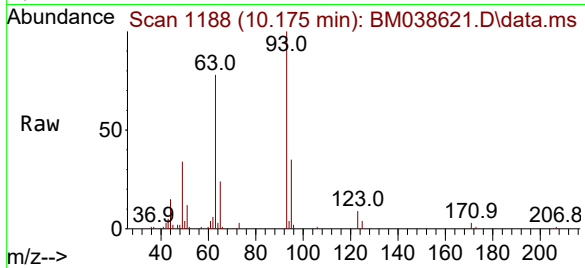
Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

Instrument :

BNA_M

ClientSampleId :



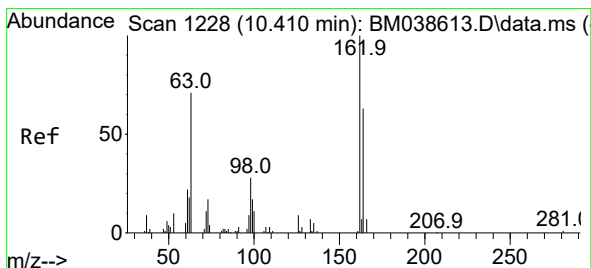
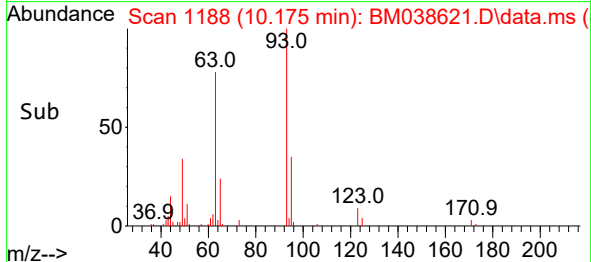
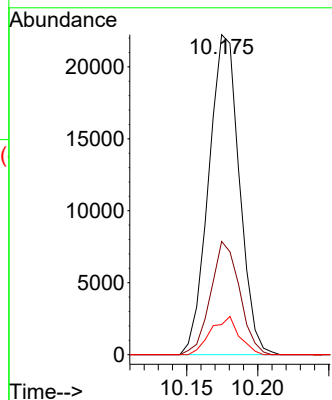
Tgt Ion: 93 Resp: 33446

Ion Ratio Lower Upper

93 100

95 35.4 25.3 37.9

123 9.4 8.6 13.0



#29

2,4-Dichlorophenol

Concen: 23.014 ng/ul

RT: 10.410 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

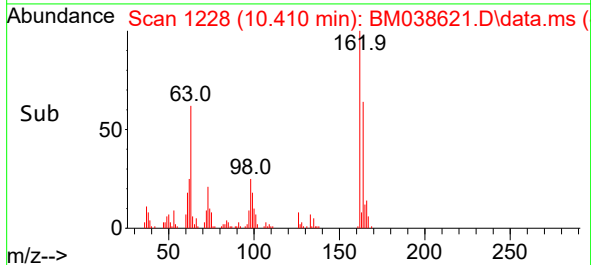
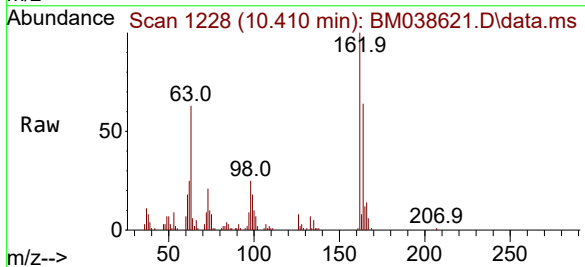
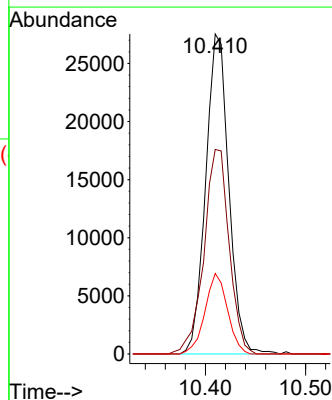
Tgt Ion:162 Resp: 44178

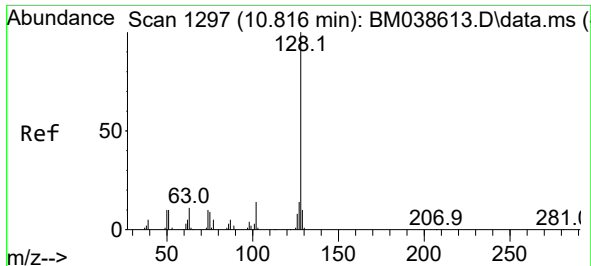
Ion Ratio Lower Upper

162 100

164 63.9 56.3 84.5

98 25.2 24.6 37.0

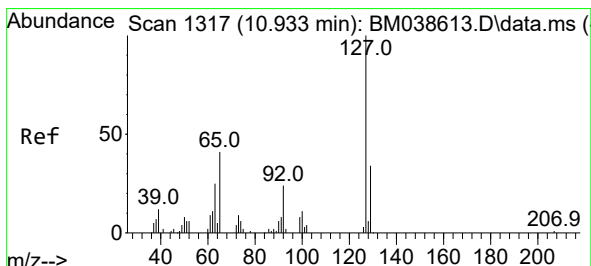
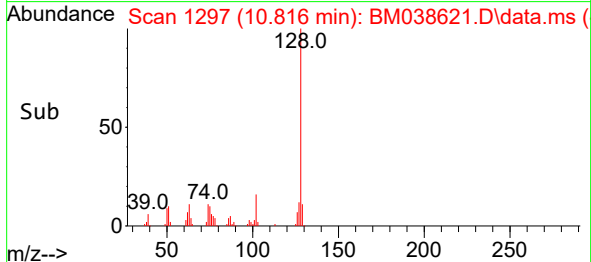
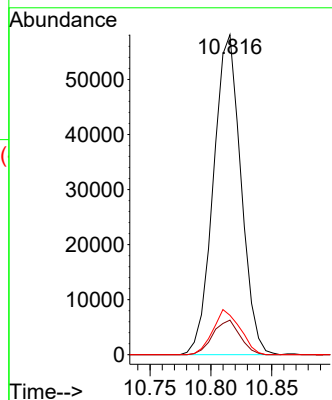
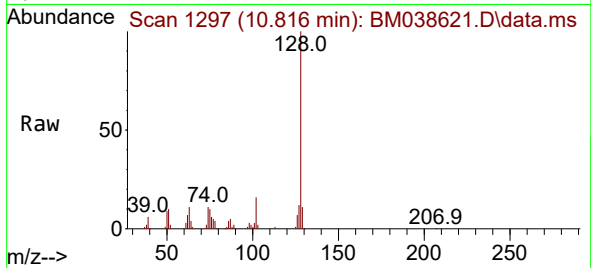




#30
Naphthalene
Concen: 20.224 ng/ul
RT: 10.816 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

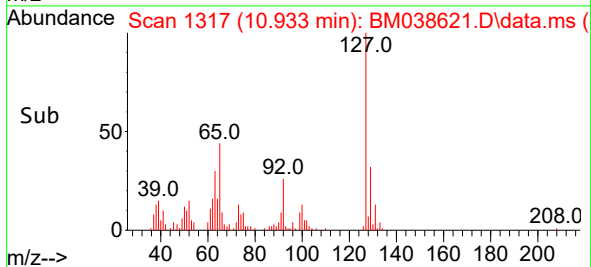
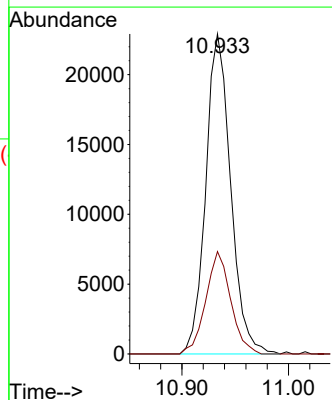
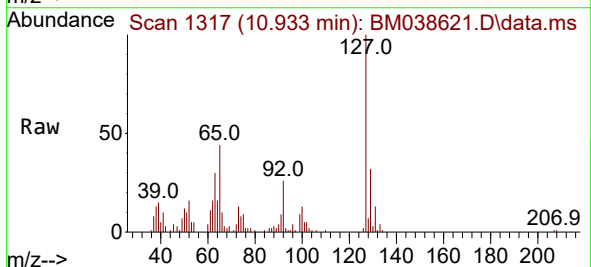
Instrument :
BNA_M
ClientSampleId :

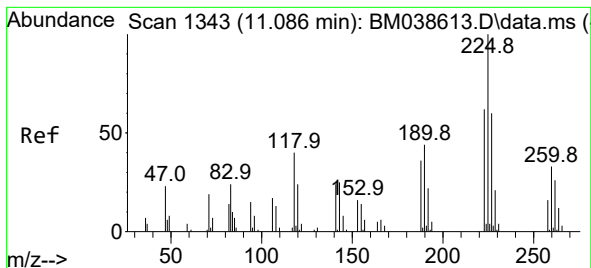
Tgt Ion:128 Resp: 91476
Ion Ratio Lower Upper
128 100
129 10.8 8.0 12.0
127 12.3 10.5 15.7



#32
4-Chloroaniline
Concen: 18.888 ng/ul
RT: 10.933 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:127 Resp: 37200
Ion Ratio Lower Upper
127 100
129 32.0 26.9 40.3

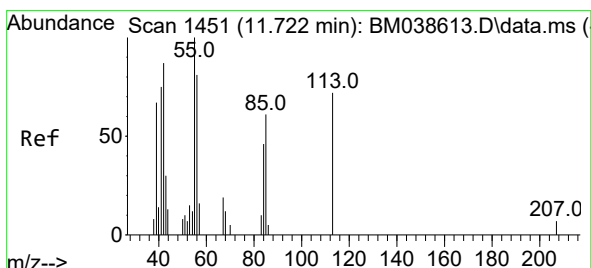
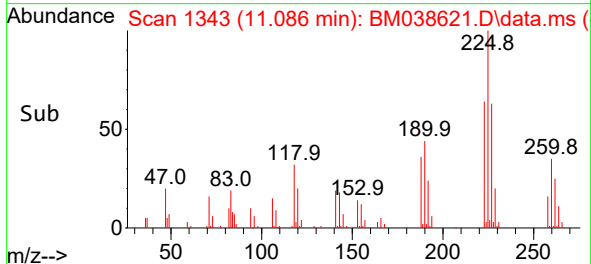
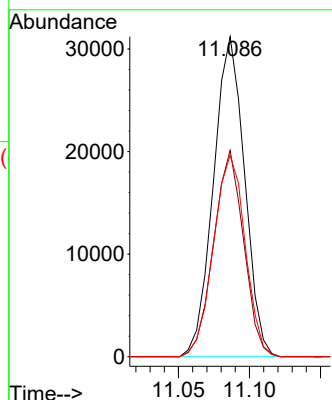
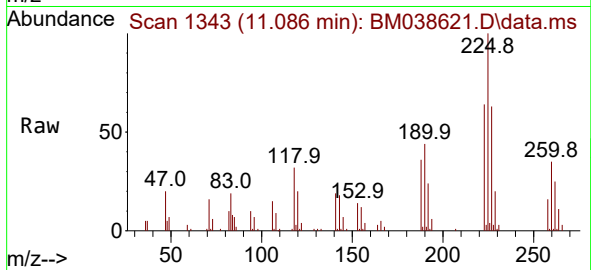




#33
Hexachlorobutadiene
Concen: 23.821 ng/ul
RT: 11.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

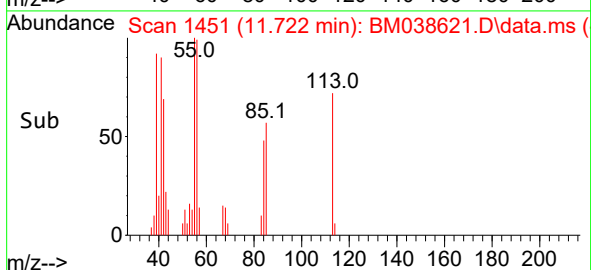
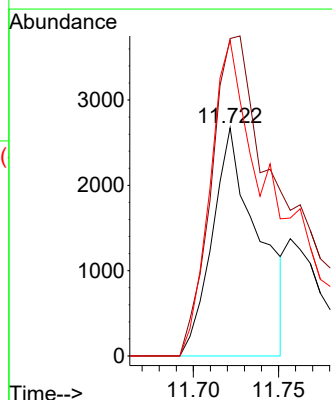
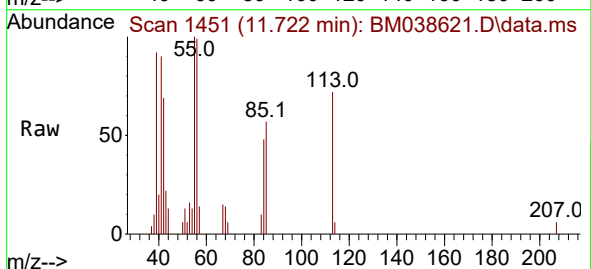
Instrument :
BNA_M
ClientSampleId :

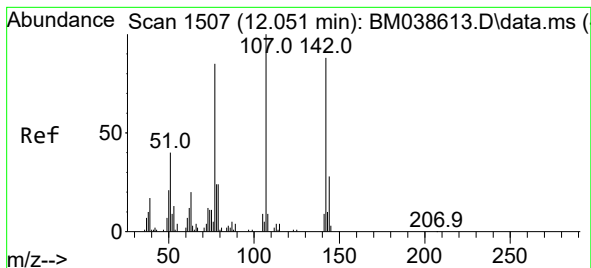
Tgt Ion:225 Resp: 47521
Ion Ratio Lower Upper
225 100
223 64.5 48.0 72.0
227 62.9 53.6 80.4



#34
Caprolactam
Concen: 13.218 ng/ul
RT: 11.722 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:113 Resp: 4992
Ion Ratio Lower Upper
113 100
55 139.1 107.6 161.4
56 138.2 96.5 144.7

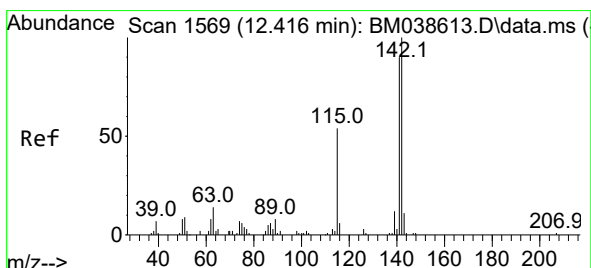
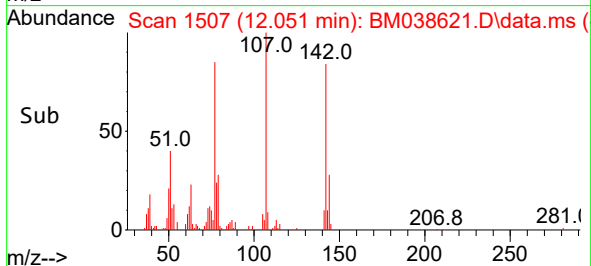
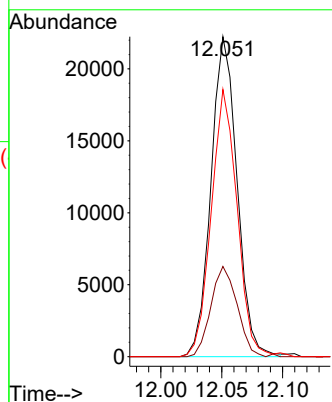
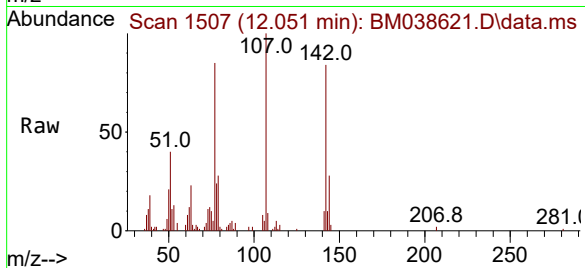




#35
4-Chloro-3-methylphenol
Concen: 21.891 ng/ul
RT: 12.051 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

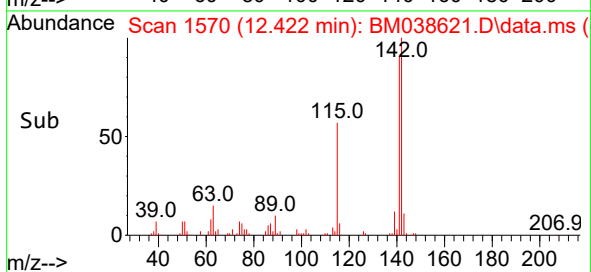
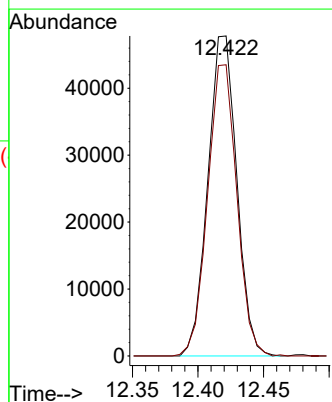
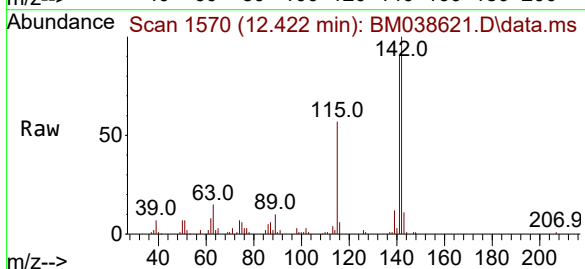
Instrument :
BNA_M
ClientSampleId :

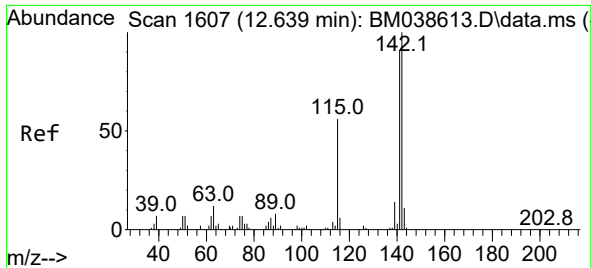
Tgt Ion:107 Resp: 33194
Ion Ratio Lower Upper
107 100
144 28.2 18.1 27.1#
142 83.5 60.2 90.4



#36
2-Methylnaphthalene
Concen: 21.838 ng/ul
RT: 12.422 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:142 Resp: 73469
Ion Ratio Lower Upper
142 100
141 91.0 73.7 110.5





#37

1-Methylnaphthalene

Concen: 21.614 ng/ul

RT: 12.639 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

Instrument :

BNA_M

ClientSampleId :

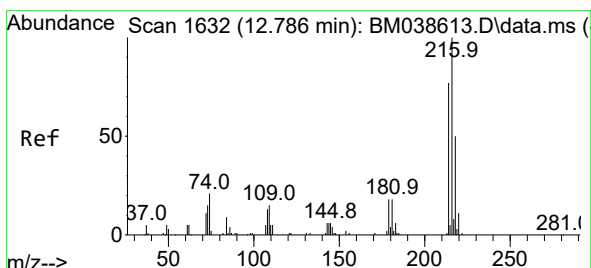
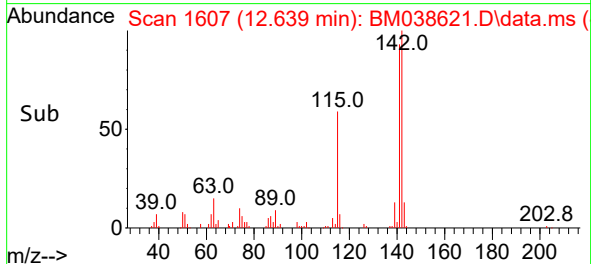
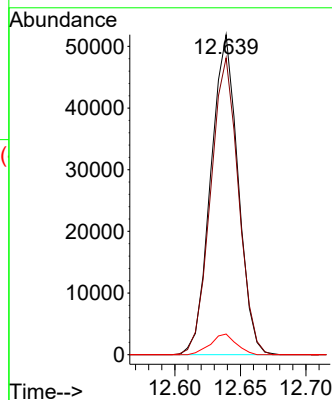
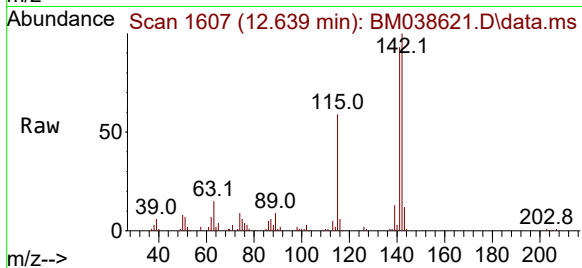
Tgt Ion:142 Resp: 75064

Ion Ratio Lower Upper

142 100

141 92.8 75.2 112.8

116 6.5 5.0 7.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.968 ng/ul

RT: 12.786 min Scan# 1632

Delta R.T. -0.000 min

Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

Tgt Ion:216 Resp: 79486

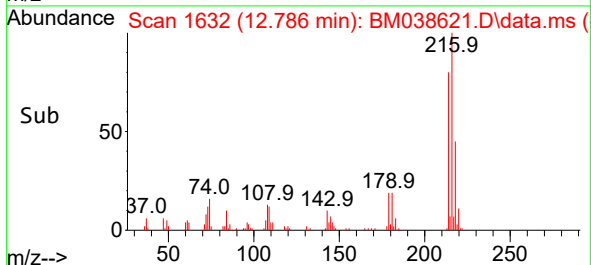
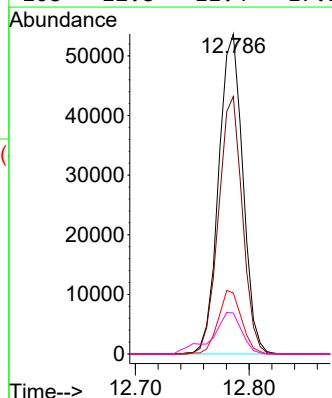
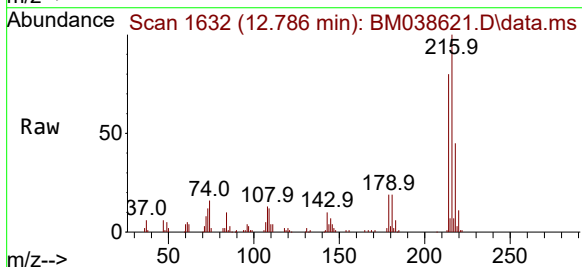
Ion Ratio Lower Upper

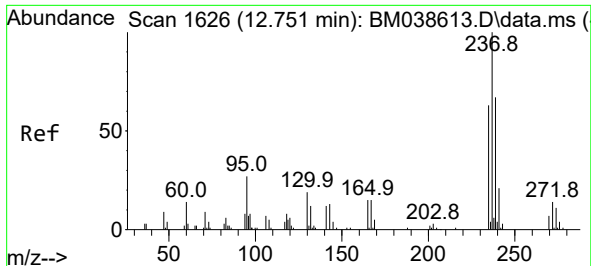
216 100

214 80.4 61.1 91.7

179 19.0 17.0 25.4

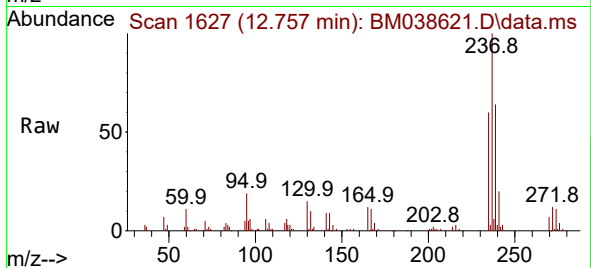
108 12.8 11.4 17.2



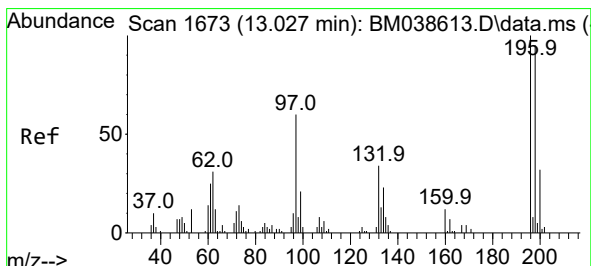
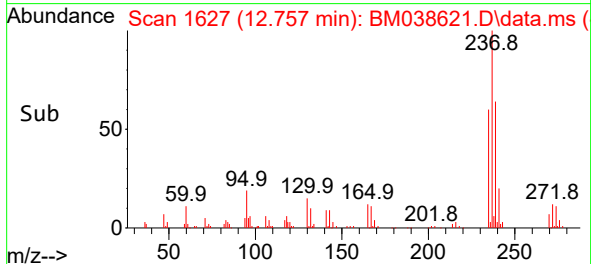
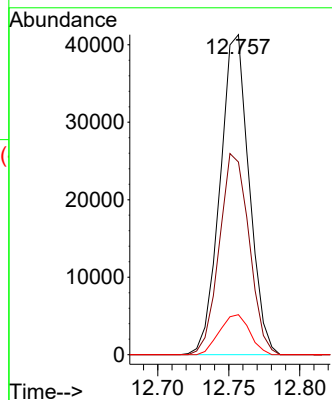


#40
Hexachlorocyclopentadiene
Concen: 20.685 ng/ul
RT: 12.757 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Instrument :
BNA_M
ClientSampleId :

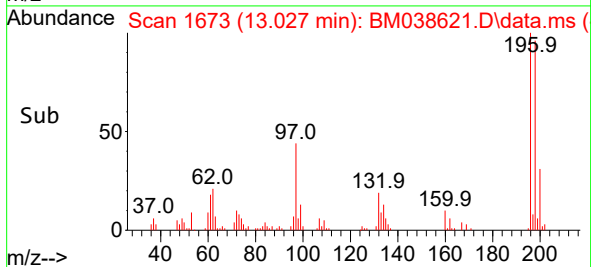
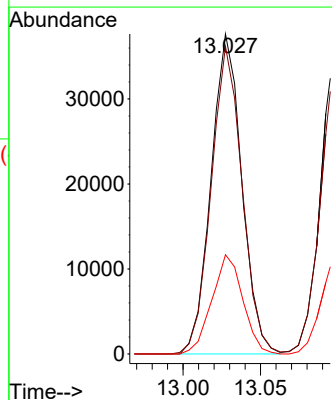
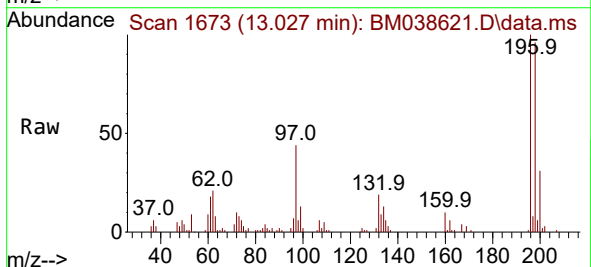


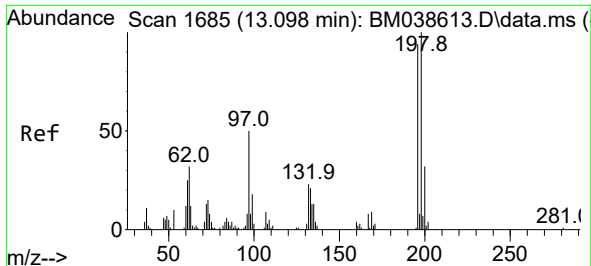
Tgt Ion:237 Resp: 58758
Ion Ratio Lower Upper
237 100
235 60.2 49.2 73.8
272 12.5 11.0 16.6



#41
2,4,6-Trichlorophenol
Concen: 21.420 ng/ul
RT: 13.027 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:196 Resp: 51913
Ion Ratio Lower Upper
196 100
198 96.1 83.6 125.4
200 31.0 27.5 41.3

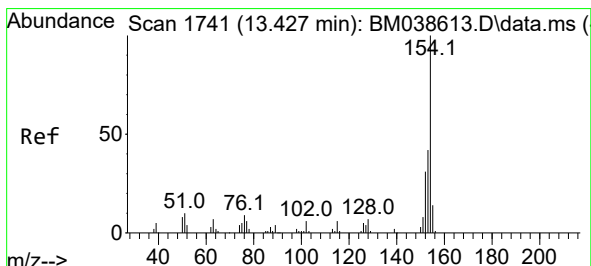
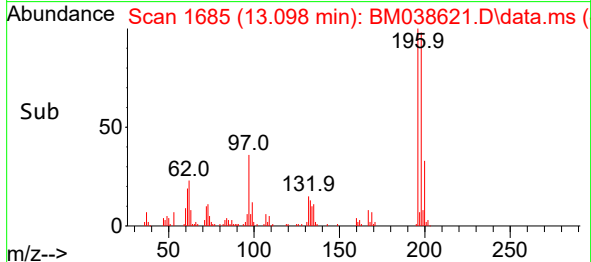
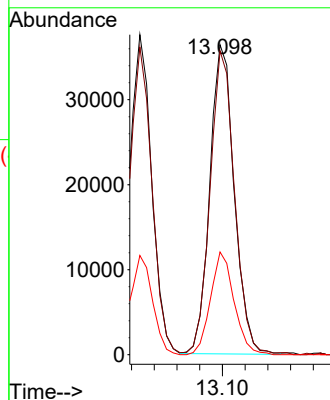
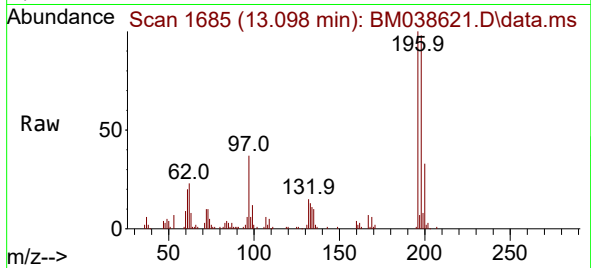




#42
2,4,5-Trichlorophenol
Concen: 20.995 ng/ul
RT: 13.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

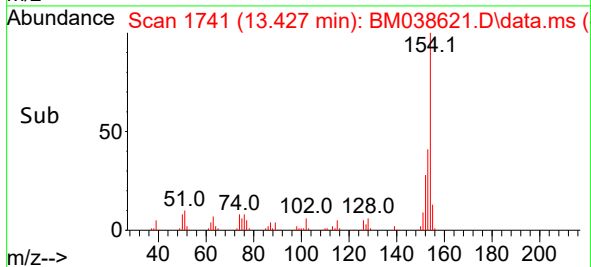
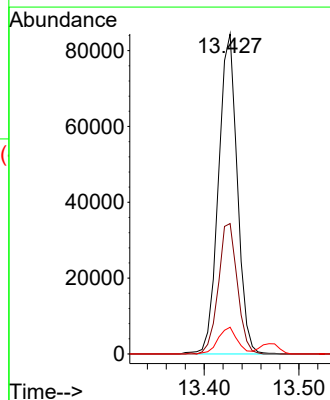
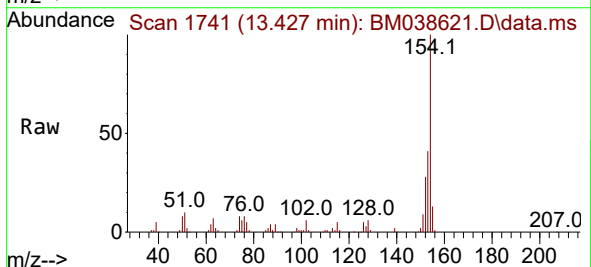
Instrument :
BNA_M
ClientSampleId :

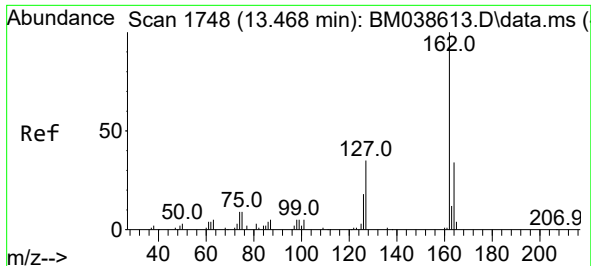
Tgt Ion:196 Resp: 54341
Ion Ratio Lower Upper
196 100
198 98.0 73.2 109.8
200 33.1 25.8 38.8



#43
1,1'-Biphenyl
Concen: 18.732 ng/ul
RT: 13.427 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:154 Resp: 116478
Ion Ratio Lower Upper
154 100
153 40.7 33.2 49.8
76 8.4 6.7 10.1

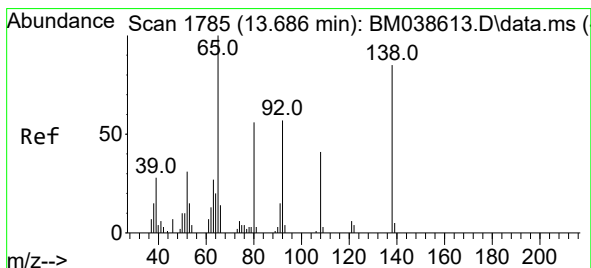
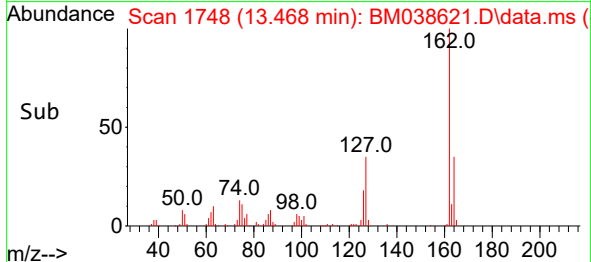
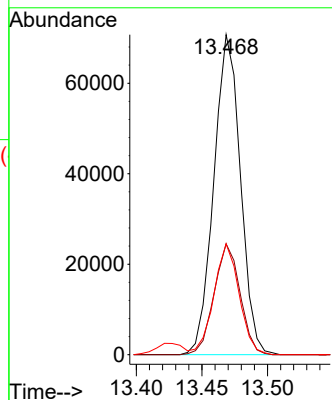
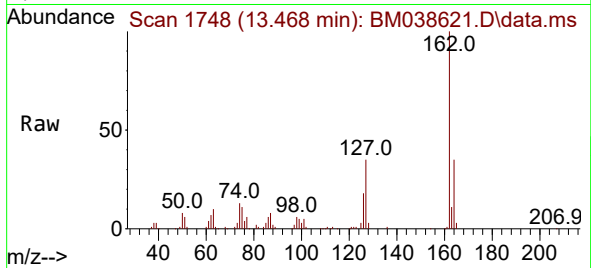




#44
2-Chloronaphthalene
Concen: 19.298 ng/ul
RT: 13.468 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

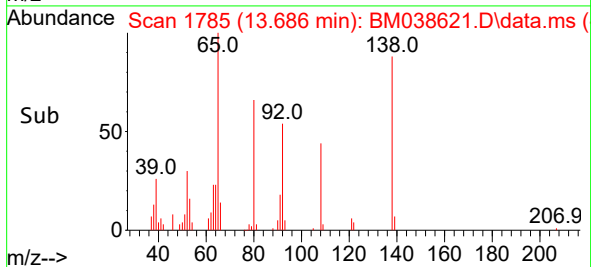
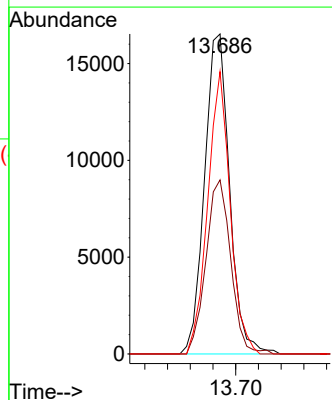
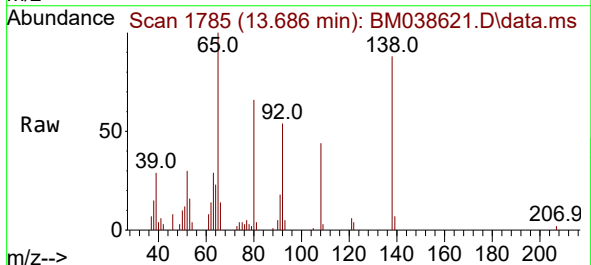
Instrument :
BNA_M
ClientSampleId :

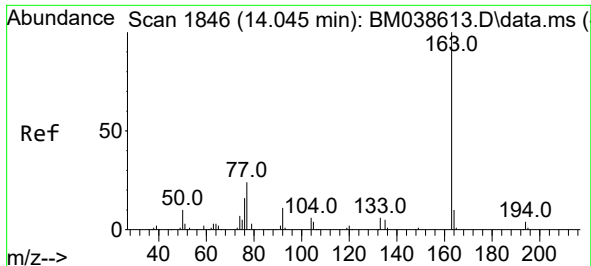
Tgt Ion:162 Resp: 99687
Ion Ratio Lower Upper
162 100
164 34.7 26.6 40.0
127 34.7 31.6 47.4



#45
2-Nitroaniline
Concen: 18.313 ng/ul
RT: 13.686 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

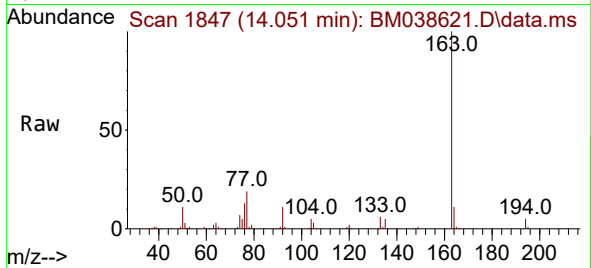
Tgt Ion: 65 Resp: 25302
Ion Ratio Lower Upper
65 100
92 54.4 41.5 62.3
138 88.3 63.3 94.9



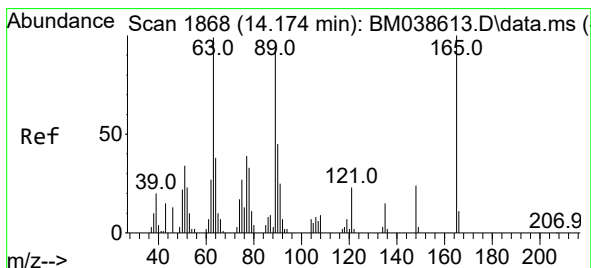
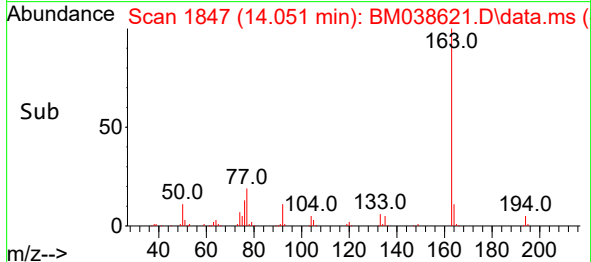
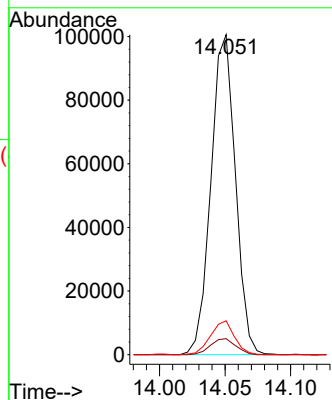


#47
Dimethylphthalate
Concen: 19.868 ng/ul
RT: 14.051 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Instrument :
BNA_M
ClientSampleId :

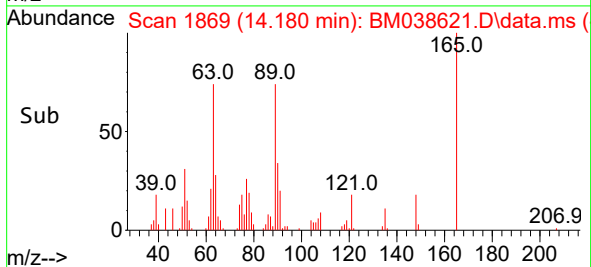
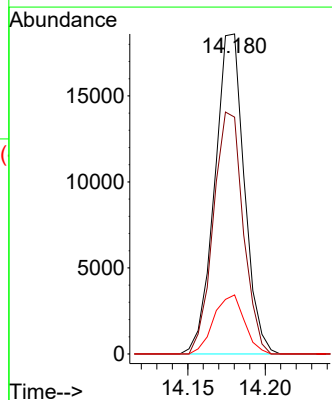
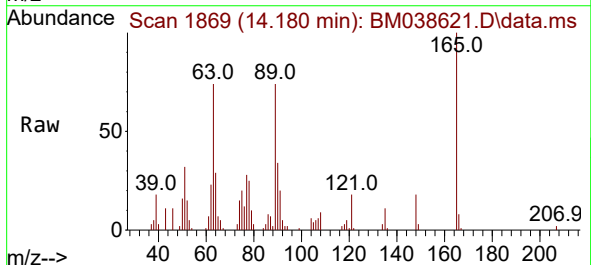


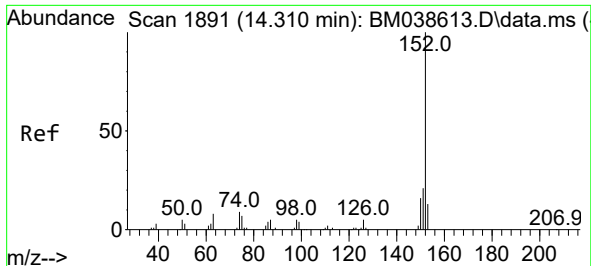
Tgt Ion:163 Resp: 130593
Ion Ratio Lower Upper
163 100
194 5.0 3.5 5.3
164 10.6 8.0 12.0



#48
2,6-Dinitrotoluene
Concen: 20.317 ng/ul
RT: 14.180 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:165 Resp: 24733
Ion Ratio Lower Upper
165 100
89 74.0 66.7 100.1
121 18.5 18.2 27.4

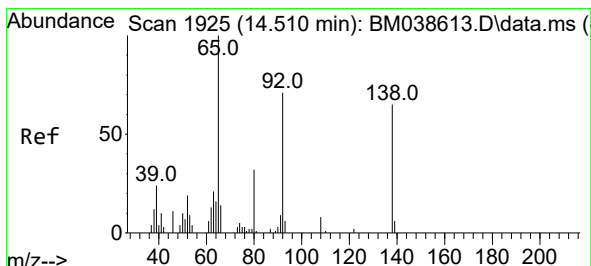
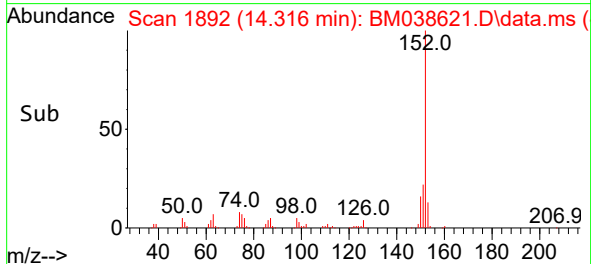
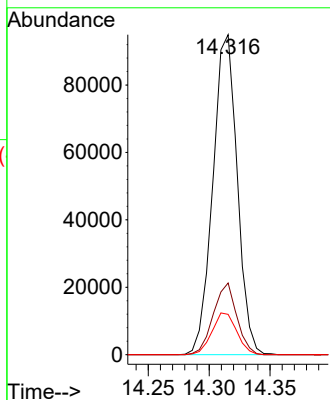
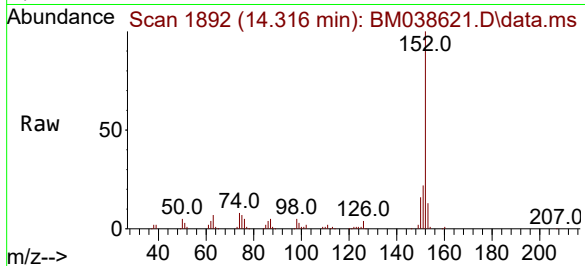




#50
Acenaphthylene
Concen: 18.627 ng/ul
RT: 14.316 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

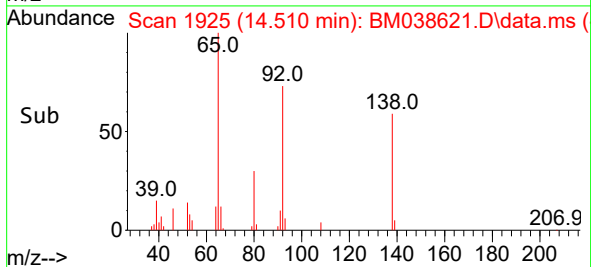
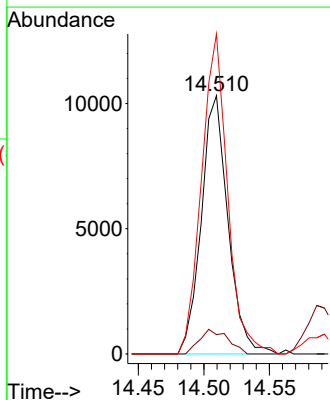
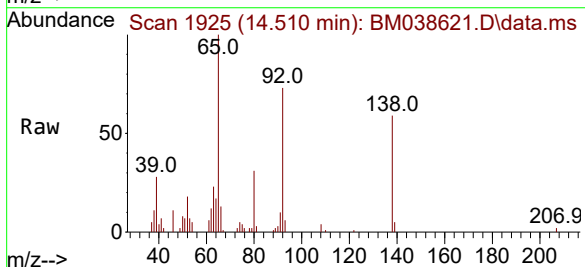
Instrument :
BNA_M
ClientSampleId :

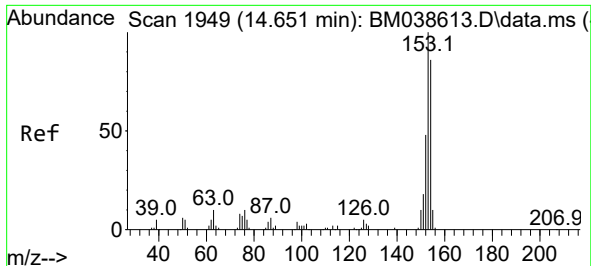
Tgt Ion:152 Resp: 132411
Ion Ratio Lower Upper
152 100
151 22.4 17.7 26.5
153 12.6 10.6 16.0



#51
3-Nitroaniline
Concen: 16.683 ng/ul
RT: 14.510 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:138 Resp: 14619
Ion Ratio Lower Upper
138 100
108 7.5 8.2 12.4#
92 123.9 94.2 141.4

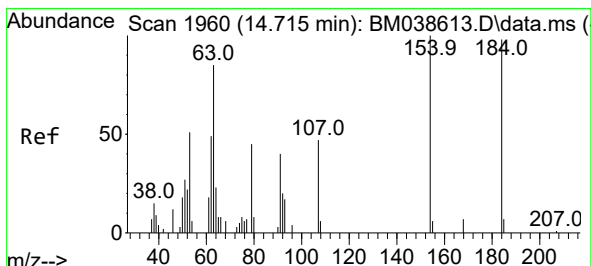
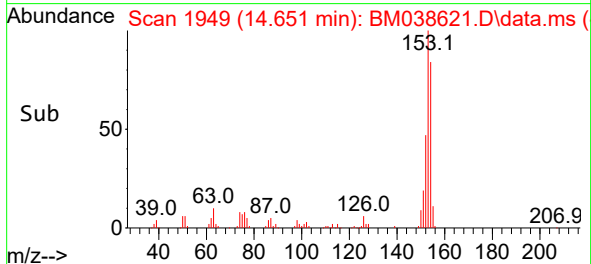
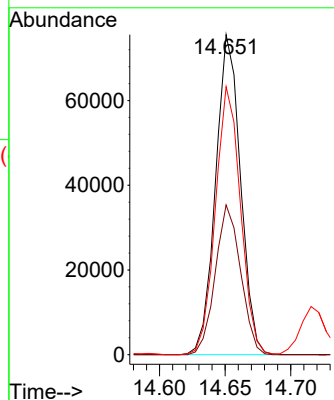
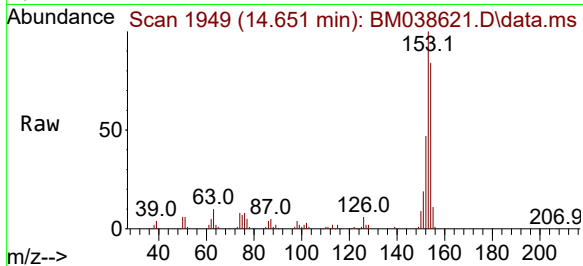




#52
Acenaphthene
Concen: 18.811 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

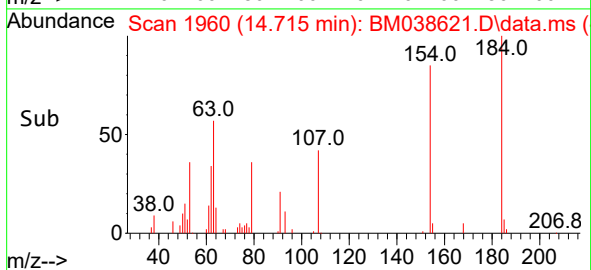
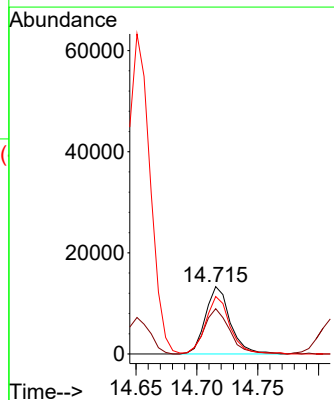
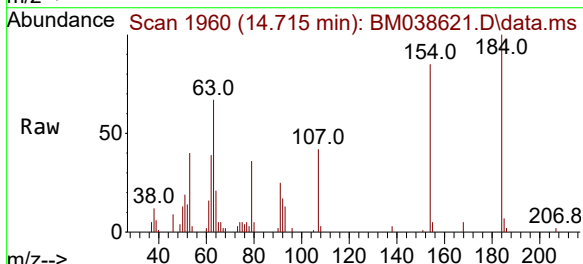
Instrument :
BNA_M
ClientSampleId :

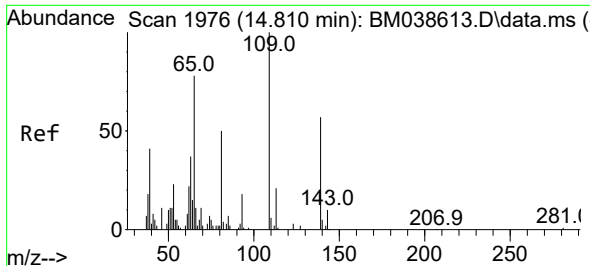
Tgt Ion:153 Resp: 99534
Ion Ratio Lower Upper
153 100
152 46.8 40.6 61.0
154 83.8 68.7 103.1



#53
2,4-Dinitrophenol
Concen: 19.153 ng/ul
RT: 14.715 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:184 Resp: 18744
Ion Ratio Lower Upper
184 100
63 67.2 59.7 89.5
154 85.3 79.6 119.4

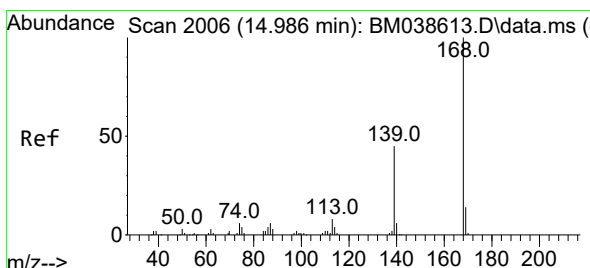
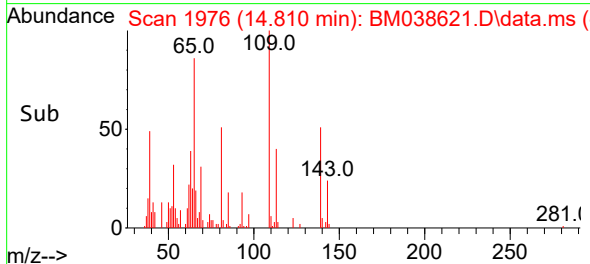
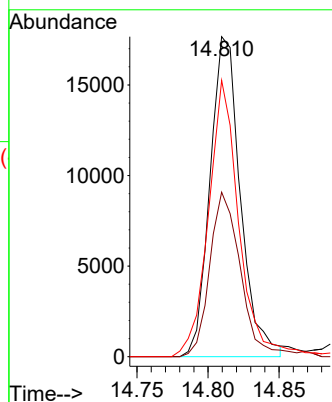
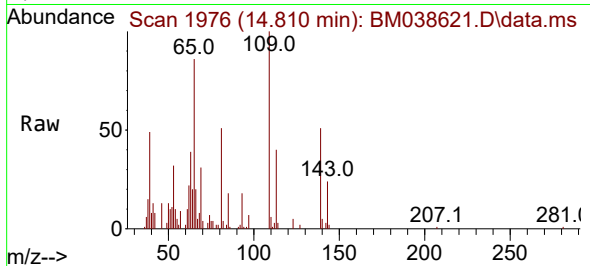




#55
4-Nitrophenol
Concen: 16.944 ng/ul
RT: 14.810 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

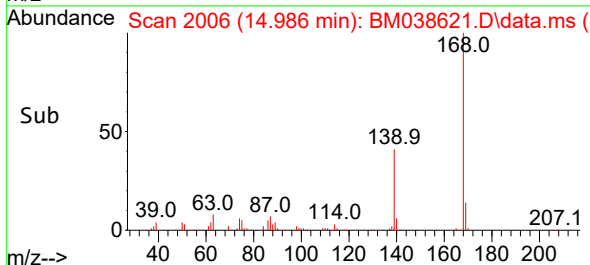
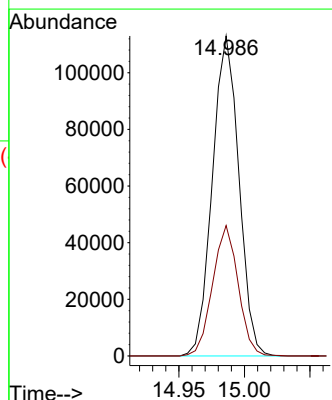
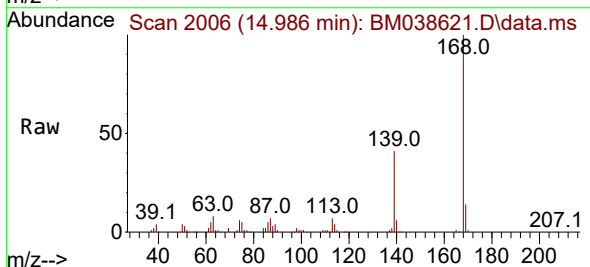
Instrument :
BNA_M
ClientSampleId :

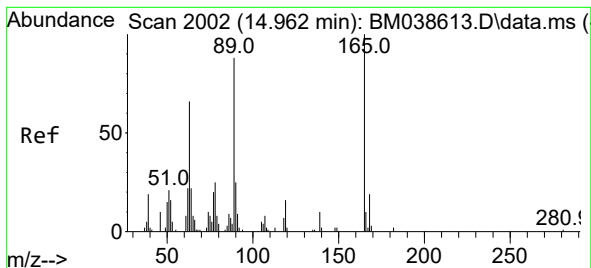
Tgt Ion:109 Resp: 26270
Ion Ratio Lower Upper
109 100
139 51.4 41.3 61.9
65 86.4 63.4 95.2



#56
Dibenzofuran
Concen: 20.167 ng/ul
RT: 14.986 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:168 Resp: 158708
Ion Ratio Lower Upper
168 100
139 40.7 35.4 53.0

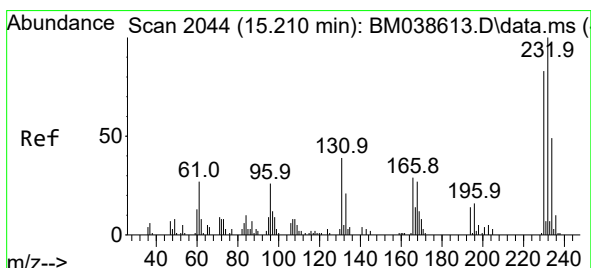
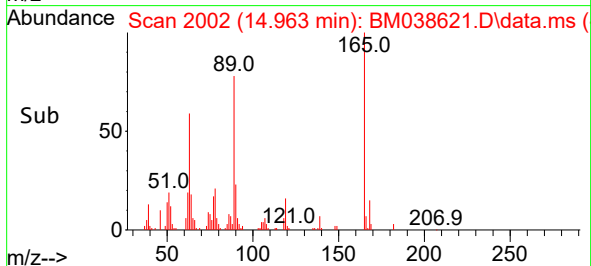
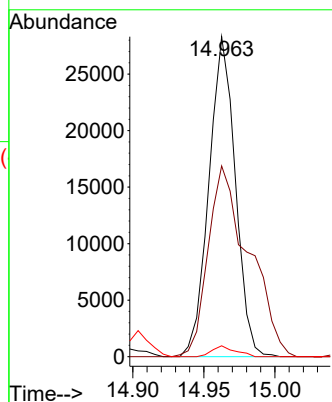
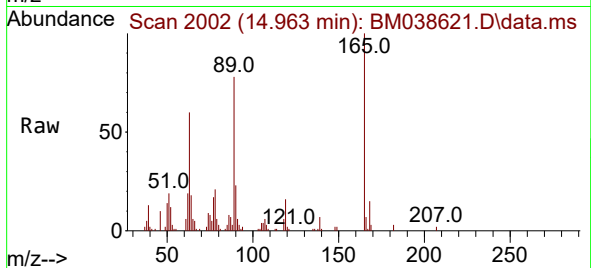




#57
2,4-Dinitrotoluene
Concen: 20.387 ng/ul
RT: 14.963 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

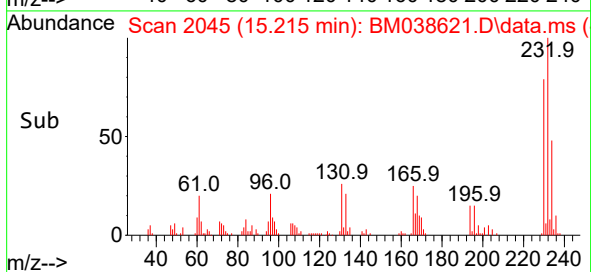
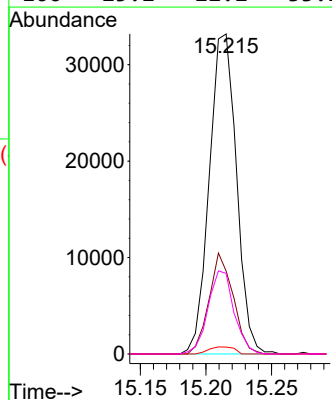
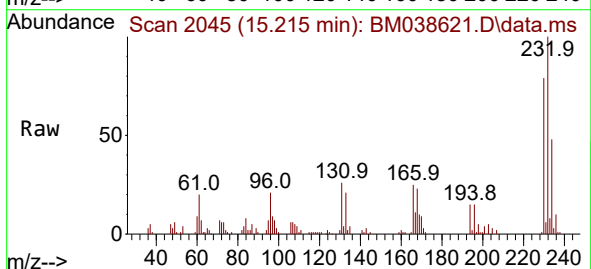
Instrument :
BNA_M
ClientSampleId :

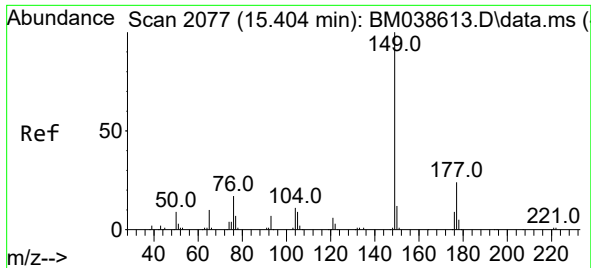
Tgt Ion:165 Resp: 36581
Ion Ratio Lower Upper
165 100
63 59.6 53.1 79.7
182 3.4 2.8 4.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.107 ng/ul
RT: 15.215 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:232 Resp: 47831
Ion Ratio Lower Upper
232 100
131 25.9 30.4 45.6#
130 2.2 2.4 3.6#
166 25.2 22.2 33.2

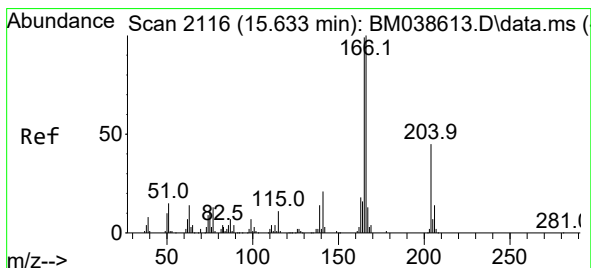
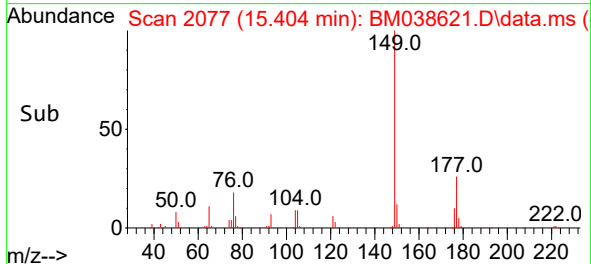
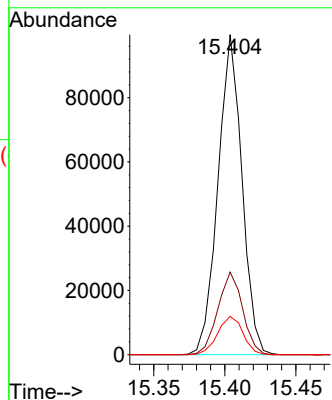
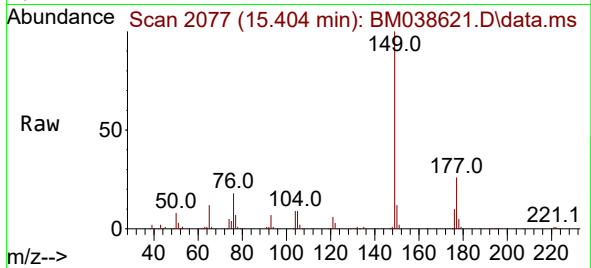




#59
Diethylphthalate
Concen: 18.947 ng/ul
RT: 15.404 min Scan# 2077
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

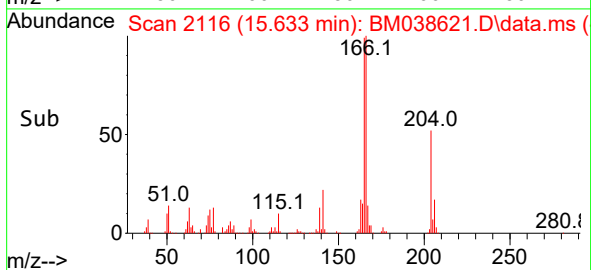
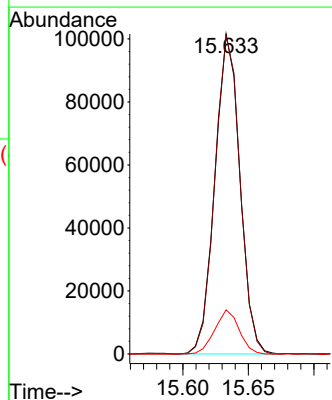
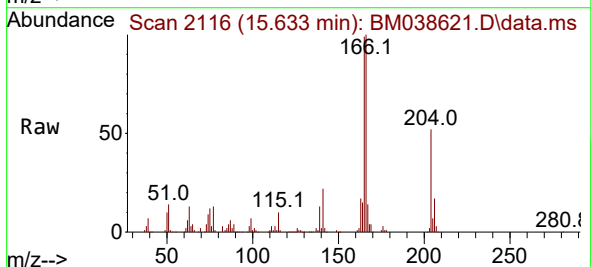
Instrument :
BNA_M
ClientSampleId :

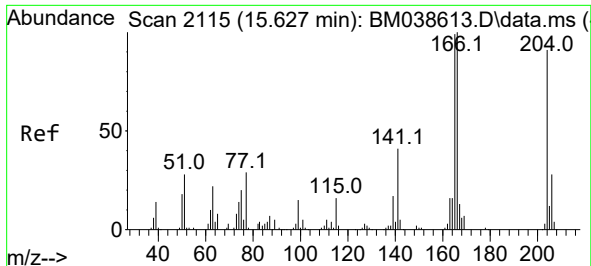
Tgt Ion:149 Resp: 116753
Ion Ratio Lower Upper
149 100
177 25.8 18.0 27.0
150 12.0 10.4 15.6



#61
Fluorene
Concen: 20.280 ng/ul
RT: 15.633 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:166 Resp: 134413
Ion Ratio Lower Upper
166 100
165 99.4 83.3 124.9
167 13.8 10.6 16.0

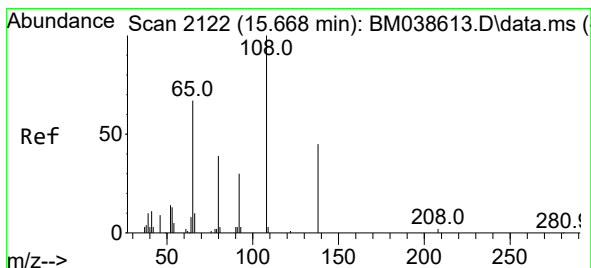
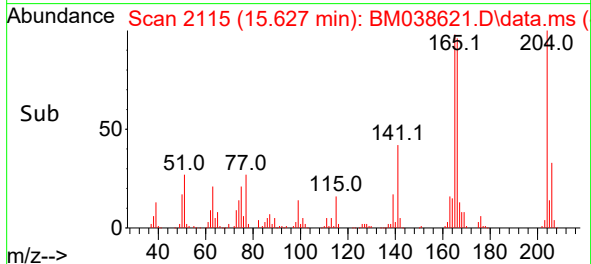
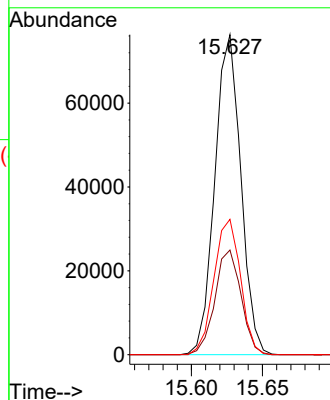
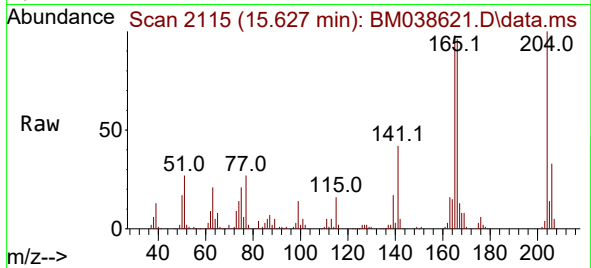




#62
4-Chlorophenyl-phenylether
Concen: 20.852 ng/ul
RT: 15.627 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

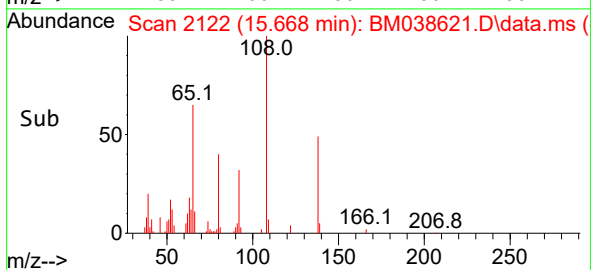
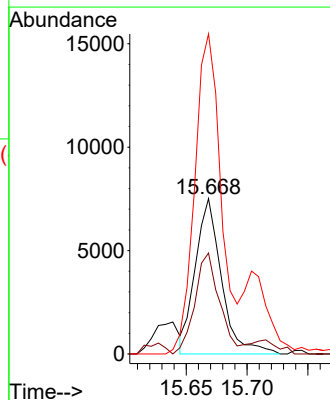
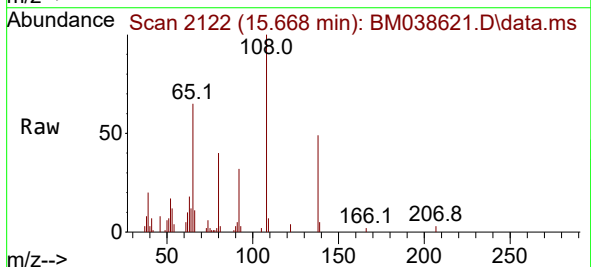
Instrument :
BNA_M
ClientSampleId :

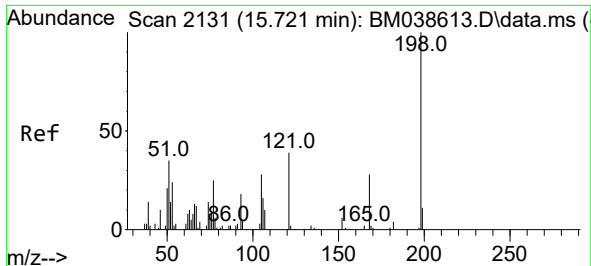
Tgt Ion:204 Resp: 97244
Ion Ratio Lower Upper
204 100
206 32.7 27.9 41.9
141 42.3 41.4 62.0



#63
4-Nitroaniline
Concen: 15.547 ng/ul
RT: 15.668 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:138 Resp: 11232
Ion Ratio Lower Upper
138 100
92 65.0 51.9 77.9
108 206.0 156.2 234.4

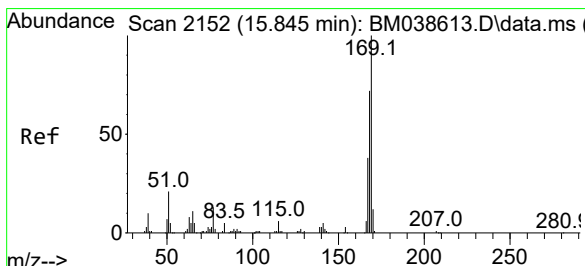
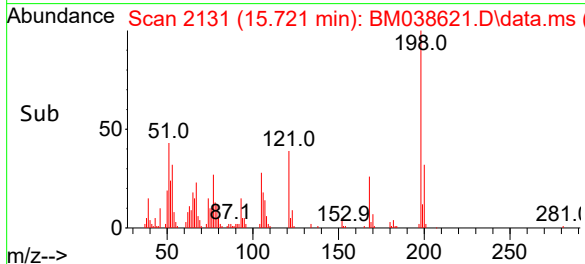
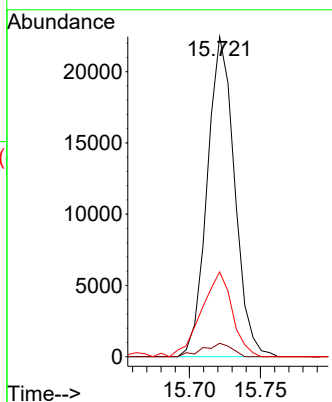
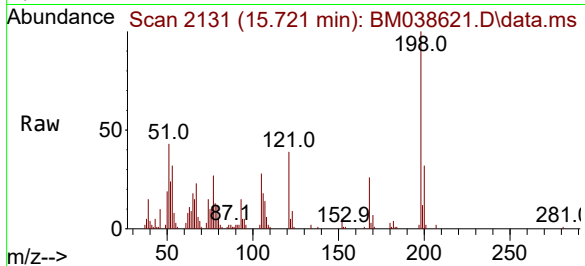




#66
 4,6-Dinitro-2-methylphenol
 Concen: 18.092 ng/ul
 RT: 15.721 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BM038621.D
 Acq: 31 Jan 2023 16:05

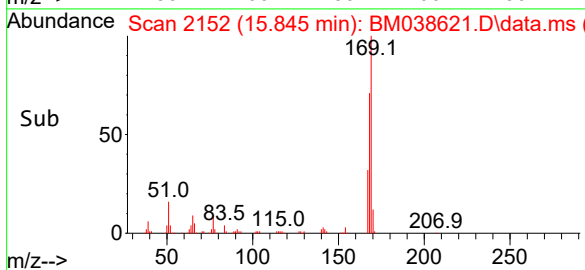
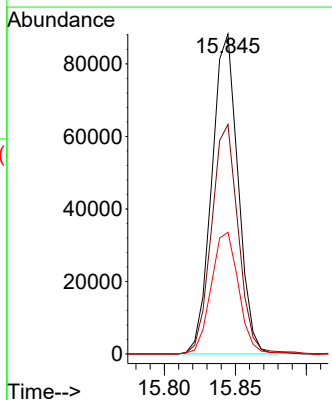
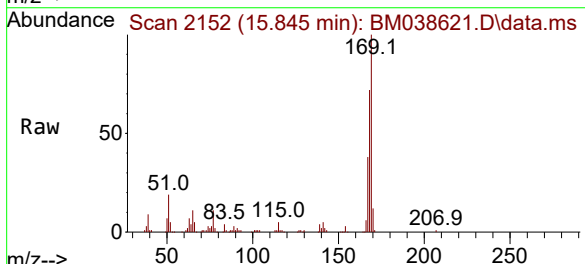
Instrument :
 BNA_M
 ClientSampleId :

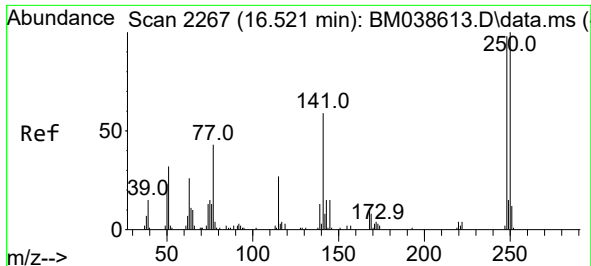
Tgt Ion:198 Resp: 30076
 Ion Ratio Lower Upper
 198 100
 182 4.2 2.7 4.1#
 77 26.5 23.9 35.9



#67
 N-Nitrosodiphenylamine
 Concen: 19.532 ng/ul
 RT: 15.845 min Scan# 2152
 Delta R.T. -0.000 min
 Lab File: BM038621.D
 Acq: 31 Jan 2023 16:05

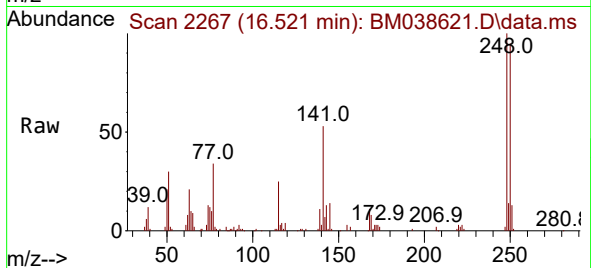
Tgt Ion:169 Resp: 113320
 Ion Ratio Lower Upper
 169 100
 168 71.7 59.1 88.7
 167 38.1 31.6 47.4



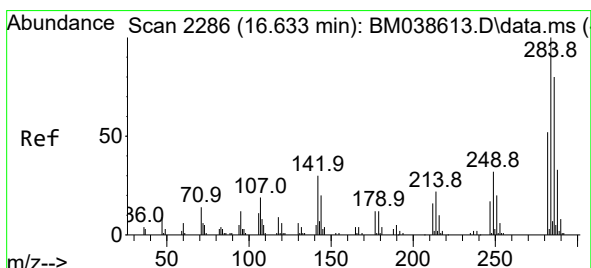
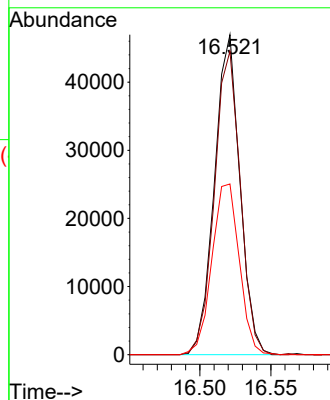
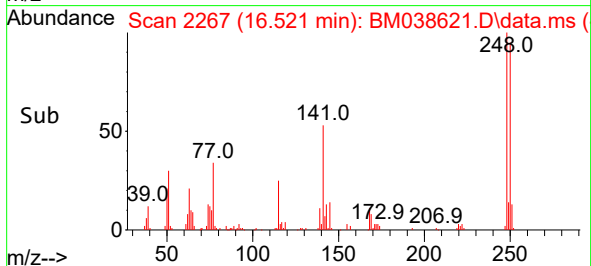


#68
4-Bromophenyl-phenylether
Concen: 20.192 ng/ul
RT: 16.521 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

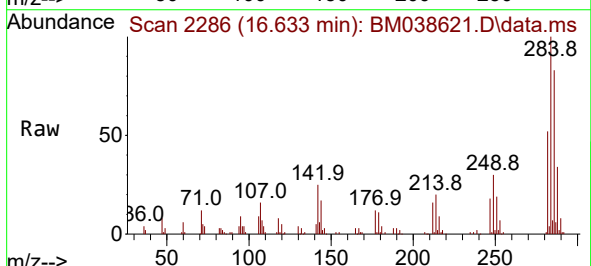
Instrument :
BNA_M
ClientSampleId :



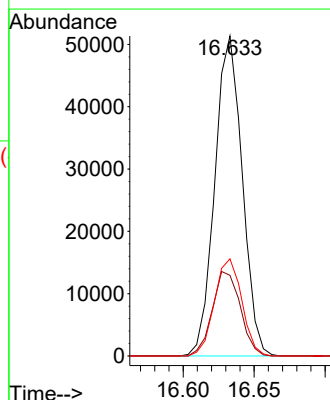
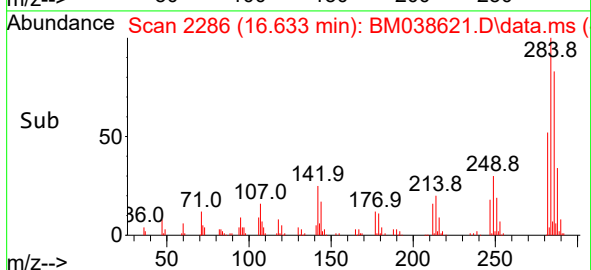
Tgt Ion:248 Resp: 58549
Ion Ratio Lower Upper
248 100
250 94.9 77.8 116.6
141 53.4 52.3 78.5

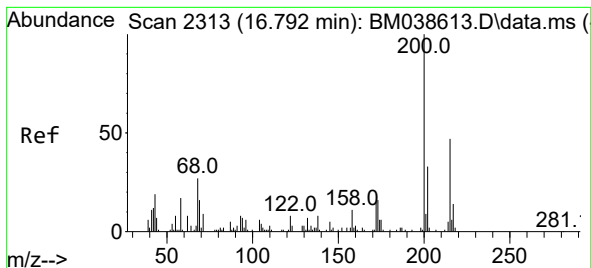


#69
Hexachlorobenzene
Concen: 20.380 ng/ul
RT: 16.633 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05



Tgt Ion:284 Resp: 68981
Ion Ratio Lower Upper
284 100
142 25.2 28.0 42.0#
249 30.3 23.9 35.9





#70

Atrazine

Concen: 18.839 ng/ul

RT: 16.792 min Scan# 2313

Delta R.T. -0.000 min

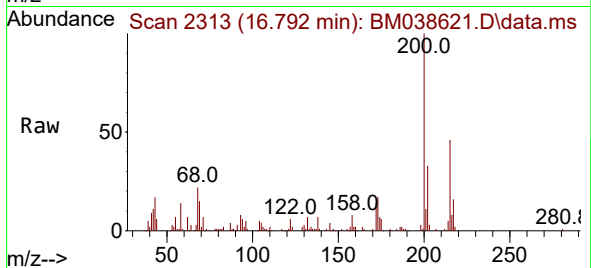
Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

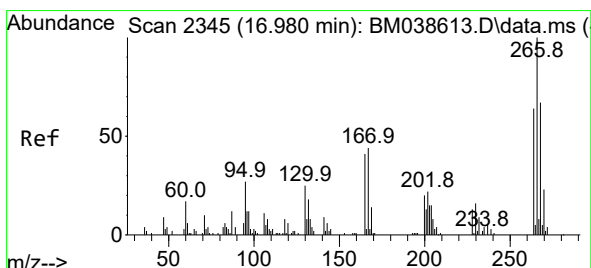
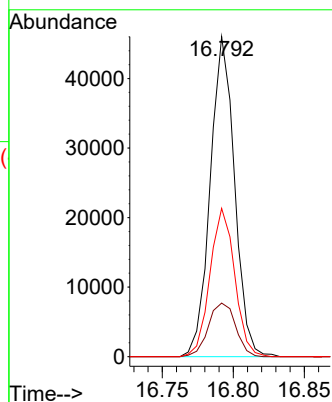
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	200	Resp:	54843
Ion Ratio	Lower	Upper	
200	100		
173	16.7	15.2	22.8
215	46.4	36.6	54.8



#71

Pentachlorophenol

Concen: 18.199 ng/ul

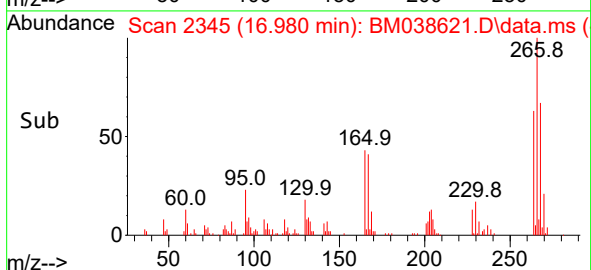
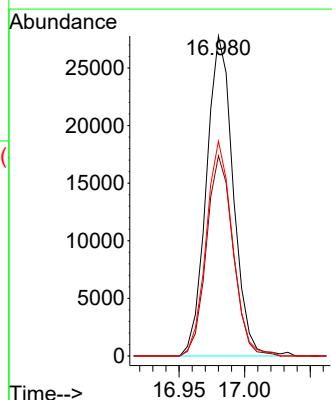
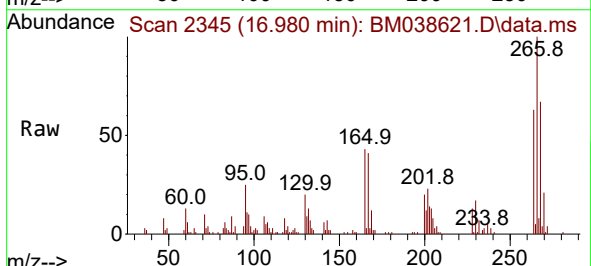
RT: 16.980 min Scan# 2345

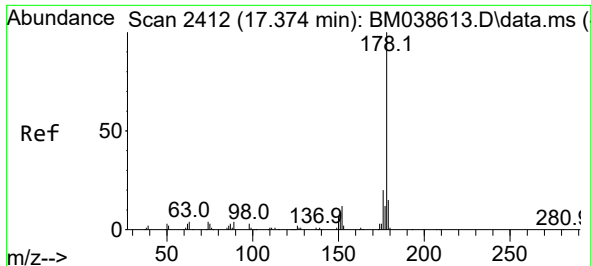
Delta R.T. -0.000 min

Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

Tgt Ion:	266	Resp:	39405
Ion Ratio	Lower	Upper	
266	100		
264	62.5	47.2	70.8
268	67.2	45.8	68.6

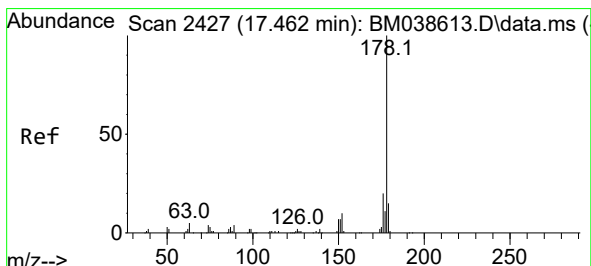
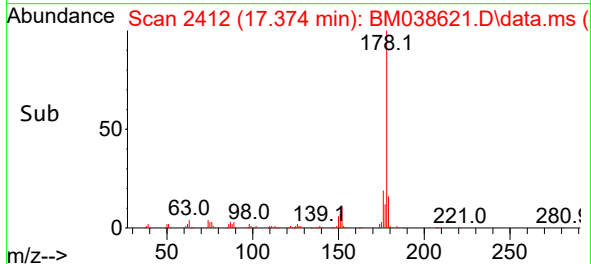
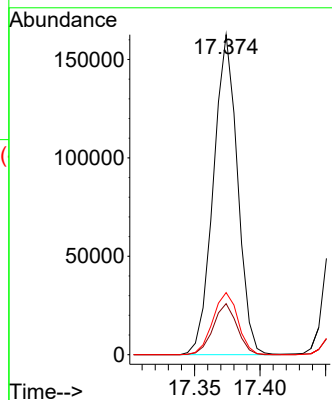
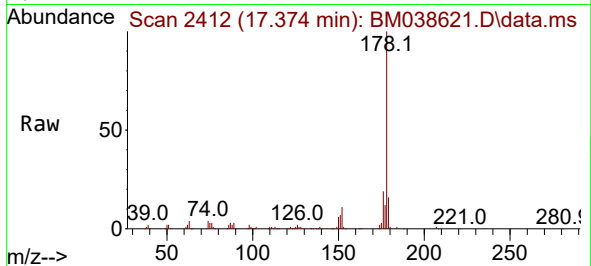




#72
Phenanthrene
Concen: 19.349 ng/u1
RT: 17.374 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

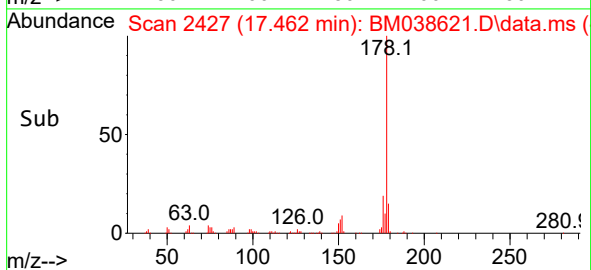
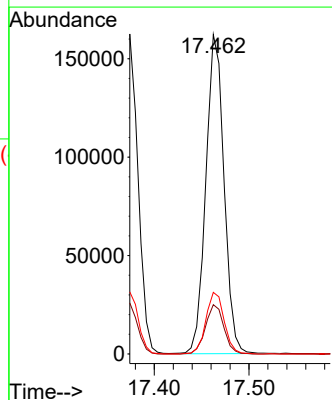
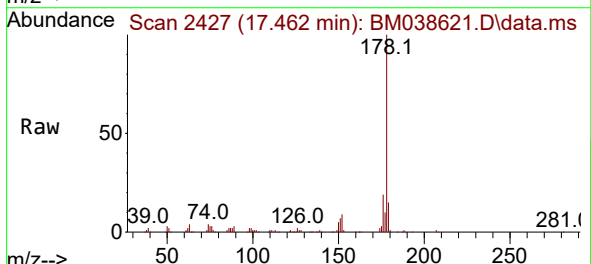
Instrument :
BNA_M
ClientSampleId :

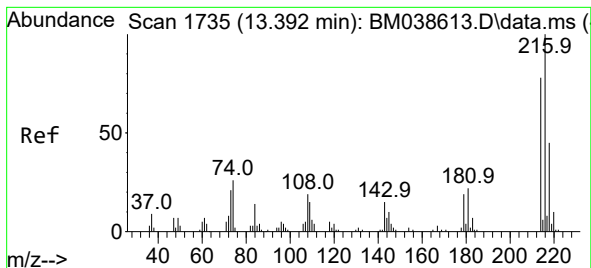
Tgt Ion:178 Resp: 208089
Ion Ratio Lower Upper
178 100
179 15.9 11.7 17.5
176 19.4 16.2 24.2



#74
Anthracene
Concen: 19.171 ng/u1
RT: 17.462 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:178 Resp: 215894
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.3 16.3 24.5

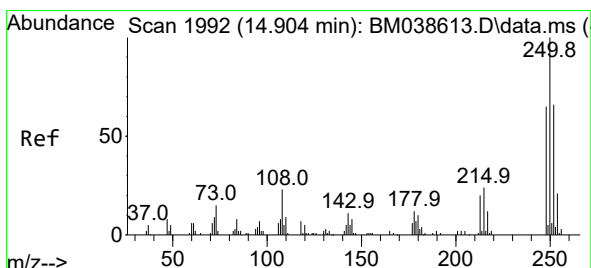
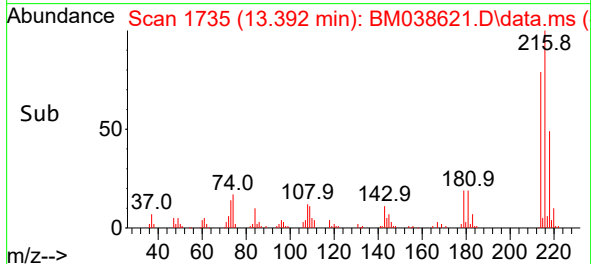
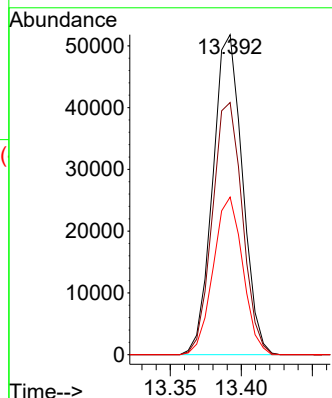
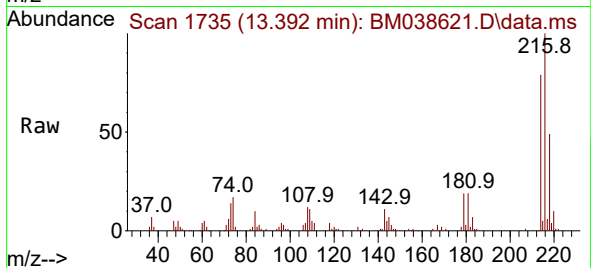




#75
1,2,3,4-Tetrachlorobenzene
Concen: 19.024 ng/uL
RT: 13.392 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

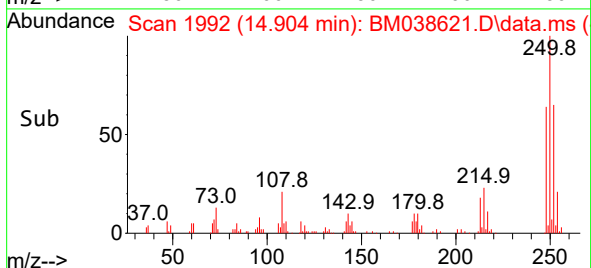
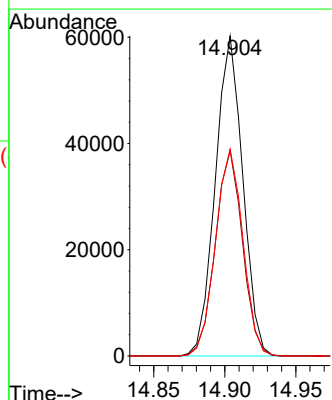
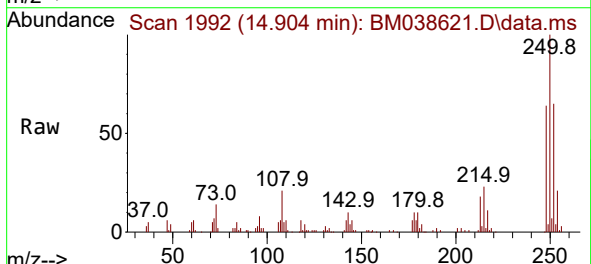
Instrument :
BNA_M
ClientSampleId :

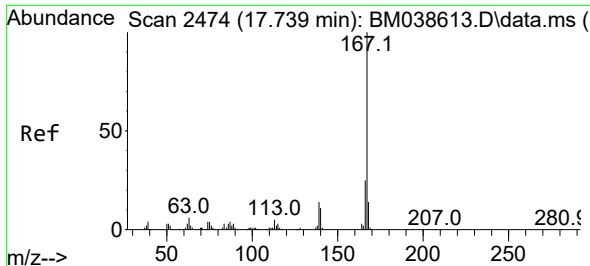
Tgt Ion:216 Resp: 75247
Ion Ratio Lower Upper
216 100
214 78.8 62.5 93.7
218 49.3 37.4 56.0



#76
Pentachlorobenzene
Concen: 19.664 ng/uL
RT: 14.904 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:250 Resp: 80933
Ion Ratio Lower Upper
250 100
248 64.1 50.6 75.8
252 64.6 51.3 76.9

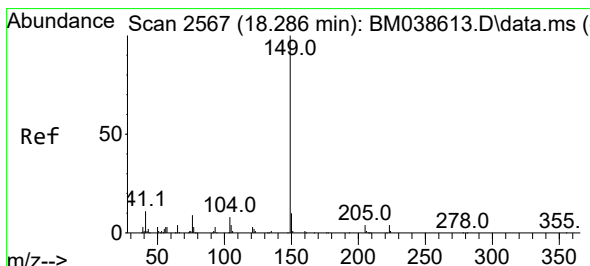
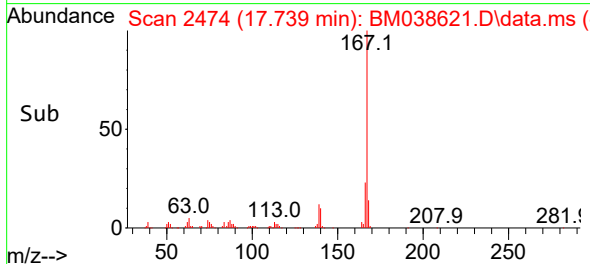
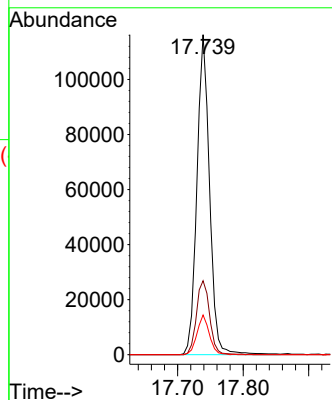
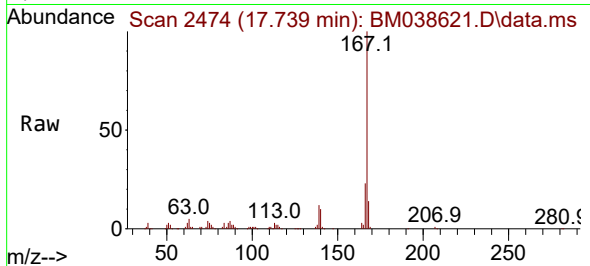




#77
 Carbazole
 Concen: 15.958 ng/ul
 RT: 17.739 min Scan# 2474
 Delta R.T. -0.000 min
 Lab File: BM038621.D
 Acq: 31 Jan 2023 16:05

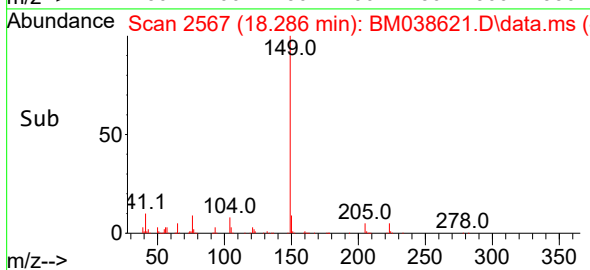
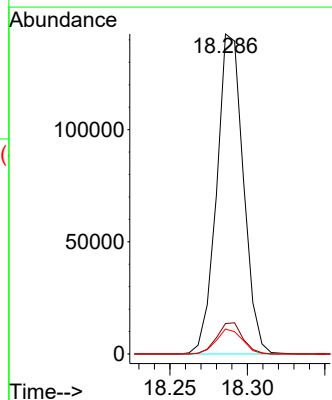
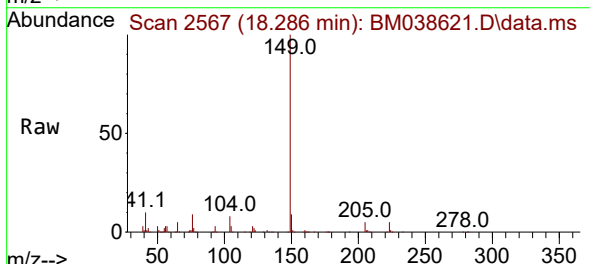
Instrument :
 BNA_M
 ClientSampleId :

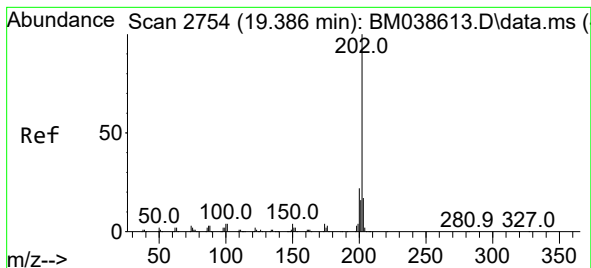
Tgt Ion:167 Resp: 155991
 Ion Ratio Lower Upper
 167 100
 166 23.1 19.5 29.3
 139 12.4 11.3 16.9



#78
 Di-n-butylphthalate
 Concen: 18.047 ng/ul
 RT: 18.286 min Scan# 2567
 Delta R.T. -0.006 min
 Lab File: BM038621.D
 Acq: 31 Jan 2023 16:05

Tgt Ion:149 Resp: 170676
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 7.8 6.2 9.4





#80

Fluoranthene

Concen: 23.647 ng/ul

RT: 19.386 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

Instrument :

BNA_M

ClientSampleId :

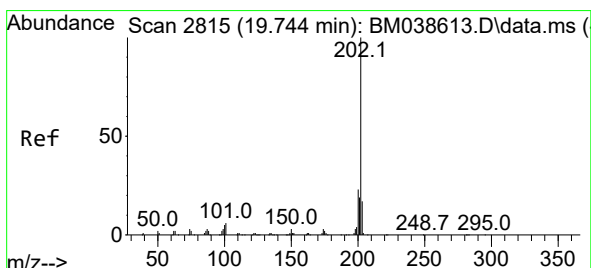
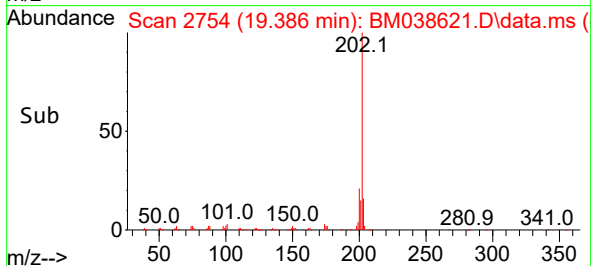
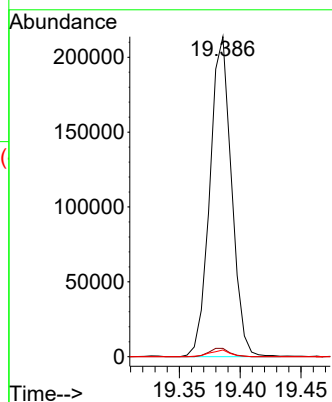
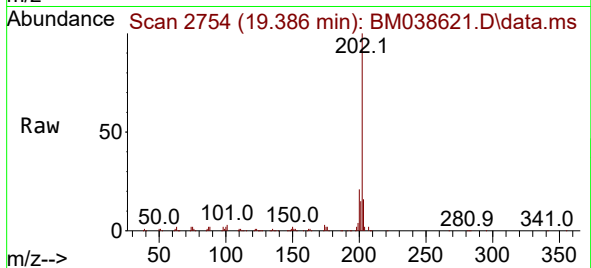
Tgt Ion:202 Resp: 264626

Ion Ratio Lower Upper

202 100

101 2.6 2.8 4.2#

100 2.1 2.4 3.6#



#82

Pyrene

Concen: 22.854 ng/ul

RT: 19.750 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

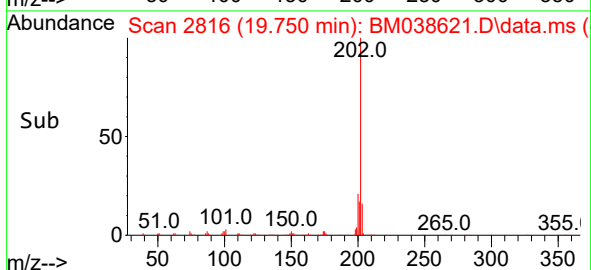
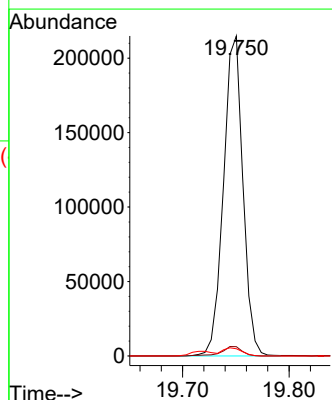
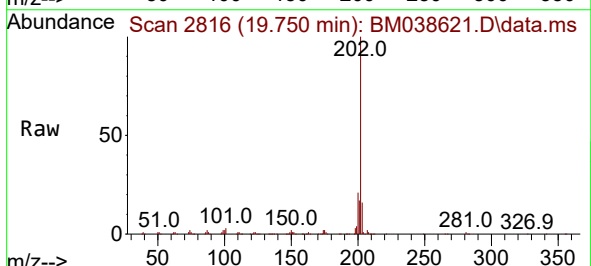
Tgt Ion:202 Resp: 271424

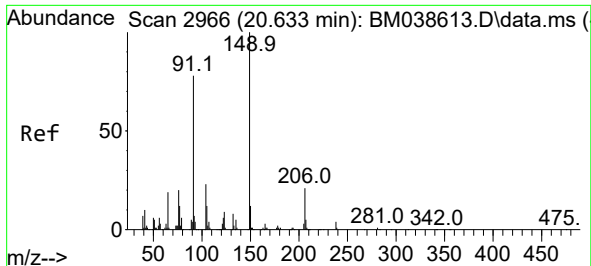
Ion Ratio Lower Upper

202 100

101 2.9 3.3 4.9#

100 2.3 2.8 4.2#

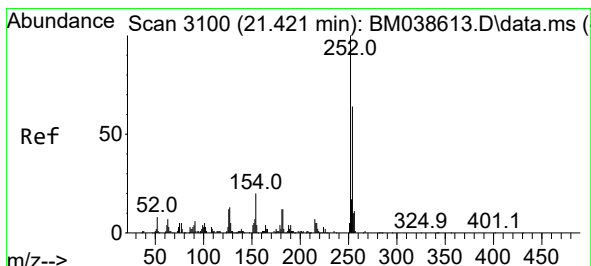
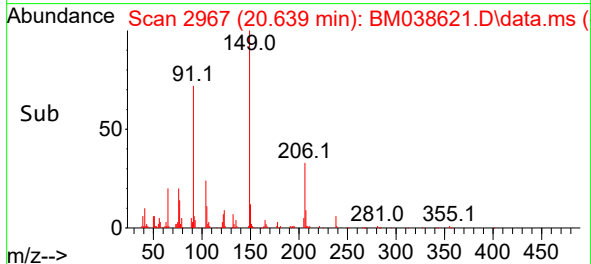
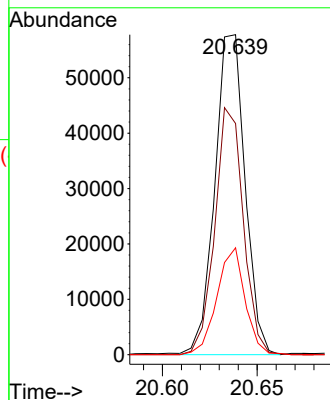
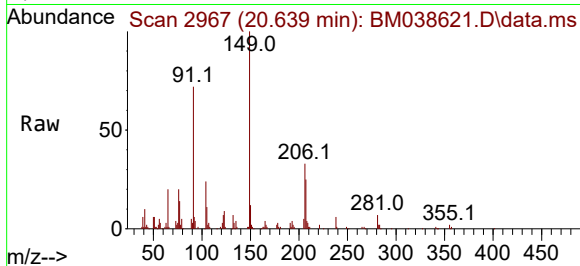




#83
Butylbenzylphthalate
Concen: 18.794 ng/ul
RT: 20.639 min Scan# 2966
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

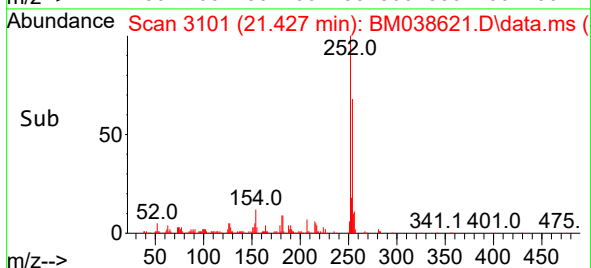
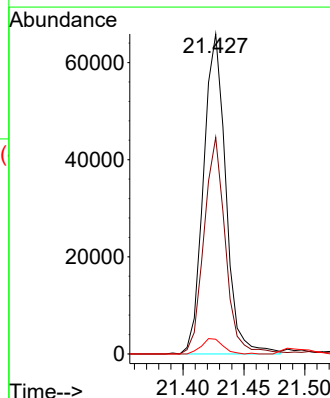
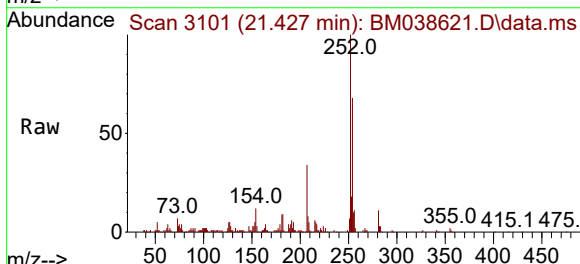
Instrument :
BNA_M
ClientSampleId :

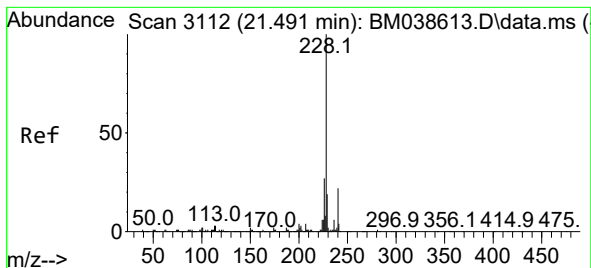
Tgt Ion:149 Resp: 64380
Ion Ratio Lower Upper
149 100
91 72.3 59.0 88.4
206 33.4 19.0 28.6#



#84
3,3'-Dichlorobenzidine
Concen: 18.251 ng/ul
RT: 21.427 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:252 Resp: 84011
Ion Ratio Lower Upper
252 100
254 67.7 52.7 79.1
126 4.6 5.0 7.4#





#85

Benzo(a)anthracene

Concen: 19.901 ng/ul

RT: 21.491 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

Instrument :

BNA_M

ClientSampleId :

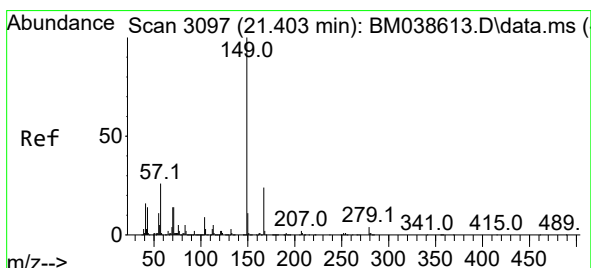
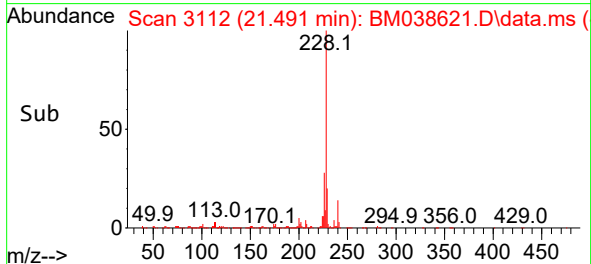
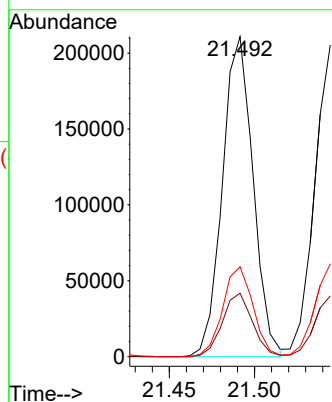
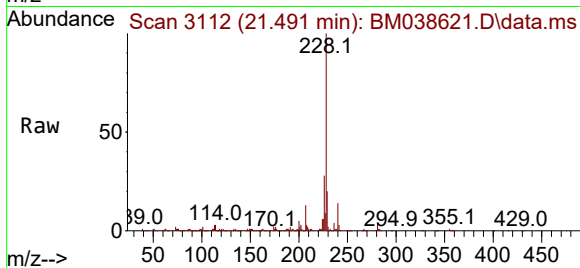
Tgt Ion:228 Resp: 264152

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.6

226 28.1 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.293 ng/ul

RT: 21.403 min Scan# 3097

Delta R.T. -0.000 min

Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

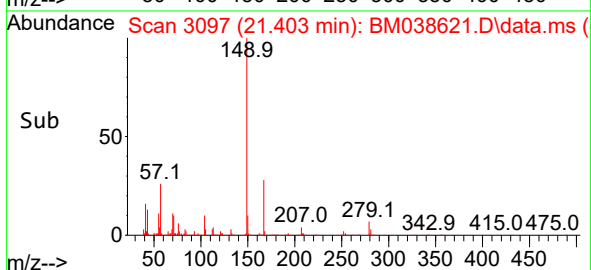
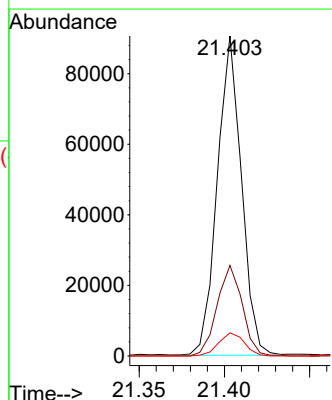
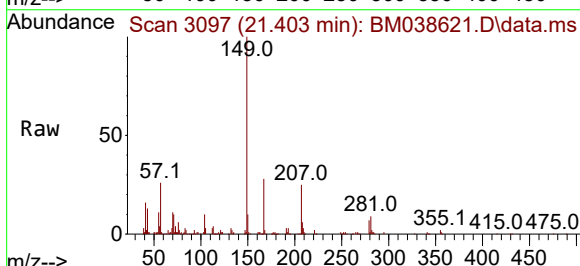
Tgt Ion:149 Resp: 89164

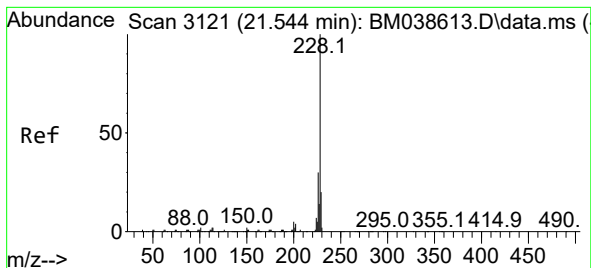
Ion Ratio Lower Upper

149 100

167 28.3 21.0 31.4

279 7.3 5.1 7.7





#87

Chrysene

Concen: 20.002 ng/ul

RT: 21.544 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

Instrument :

BNA_M

ClientSampleId :

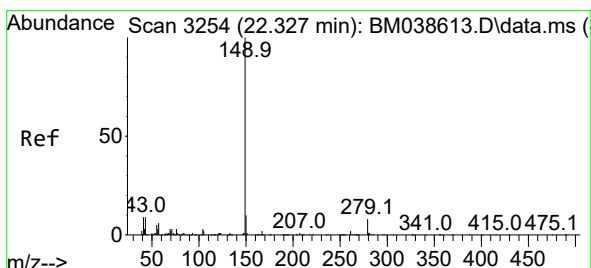
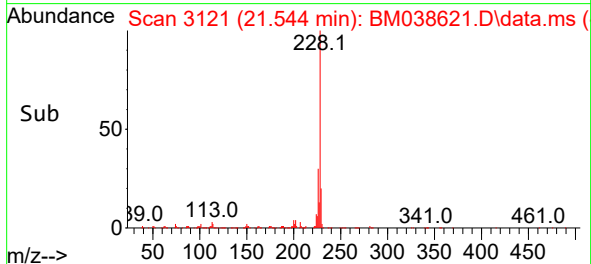
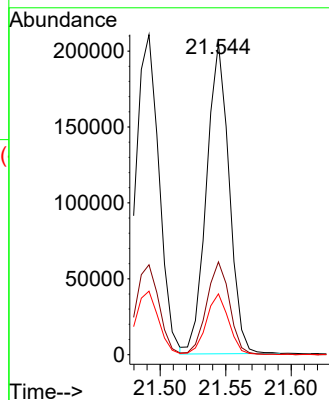
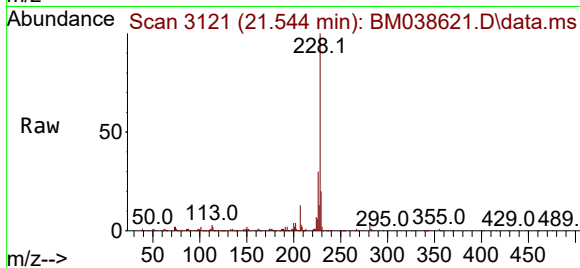
Tgt Ion:228 Resp: 245739

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

229 19.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 15.071 ng/ul

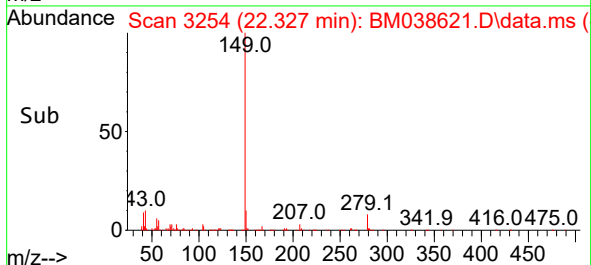
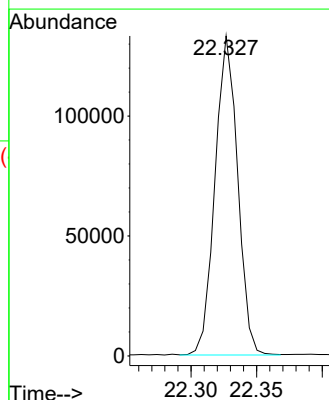
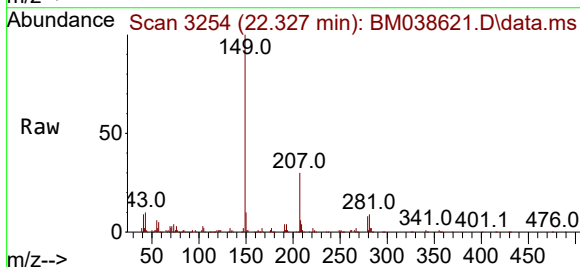
RT: 22.327 min Scan# 3254

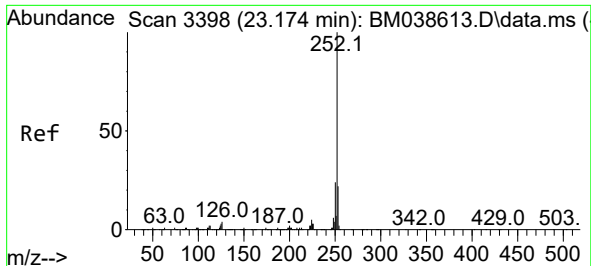
Delta R.T. -0.006 min

Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

Tgt Ion:149 Resp: 159296

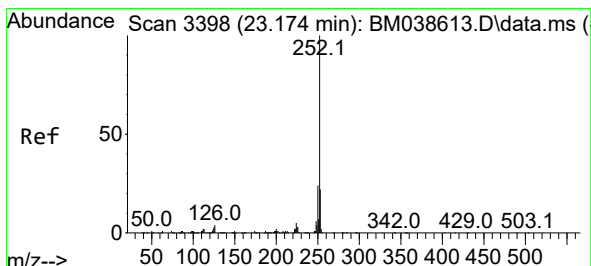
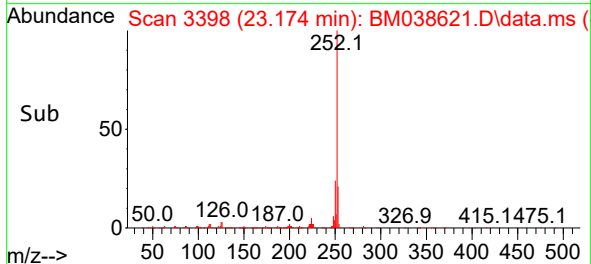
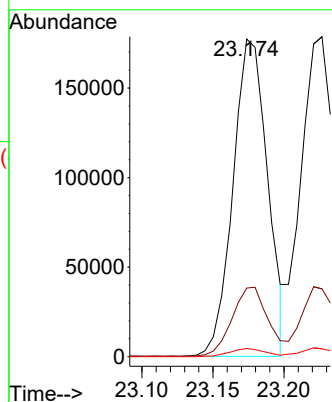
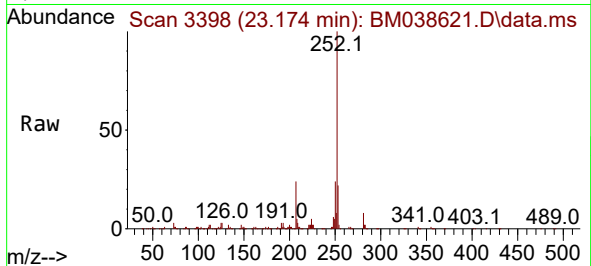




#90
Benzo(b)fluoranthene
Concen: 19.483 ng/ul
RT: 23.174 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

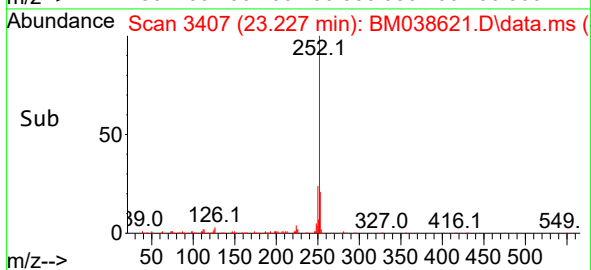
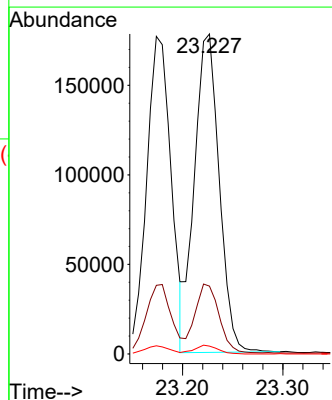
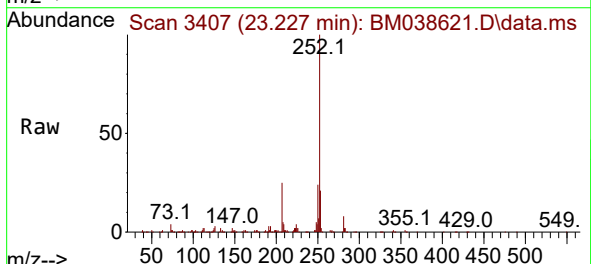
Instrument :
BNA_M
ClientSampleId :

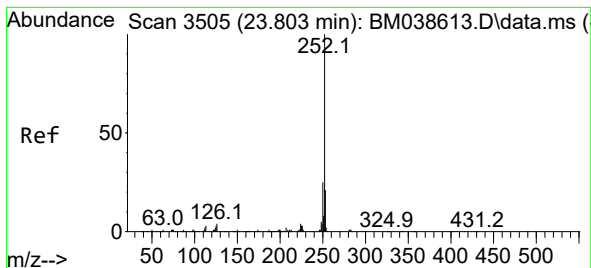
Tgt Ion:252 Resp: 300614
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 2.5 2.6 3.8#



#91
Benzo(k)fluoranthene
Concen: 19.922 ng/ul
RT: 23.227 min Scan# 3407
Delta R.T. -0.000 min
Lab File: BM038621.D
Acq: 31 Jan 2023 16:05

Tgt Ion:252 Resp: 306406
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.2
125 2.4 2.6 4.0#





#93

Benzo(a)pyrene

Concen: 19.734 ng/ul

RT: 23.803 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

Instrument :

BNA_M

ClientSampleId :

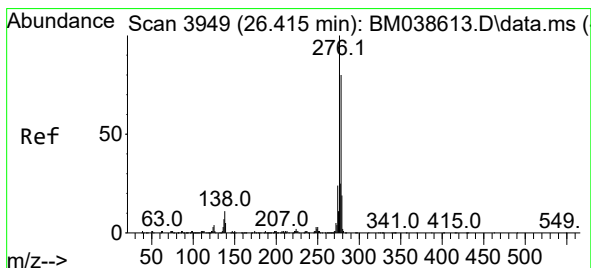
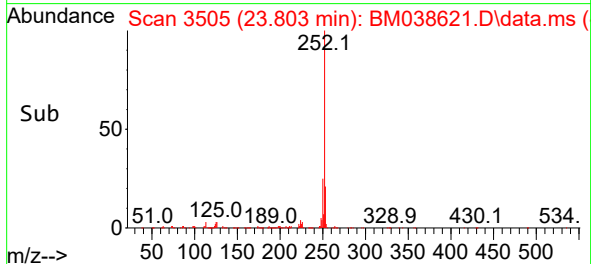
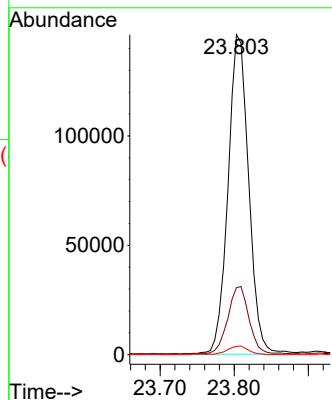
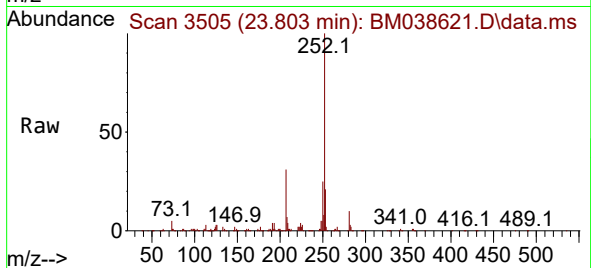
Tgt Ion:252 Resp: 281974

Ion Ratio Lower Upper

252 100

253 21.0 17.8 26.8

125 2.6 2.8 4.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.289 ng/ul

RT: 26.415 min Scan# 3949

Delta R.T. -0.006 min

Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

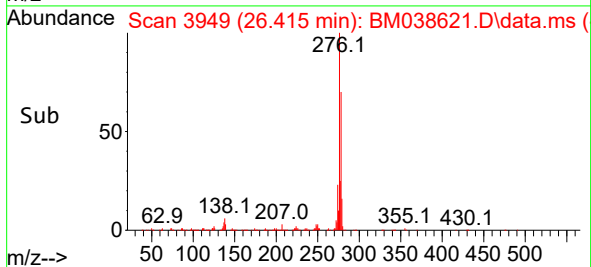
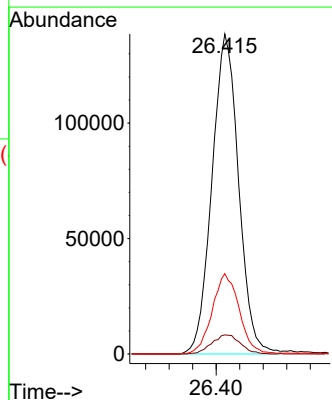
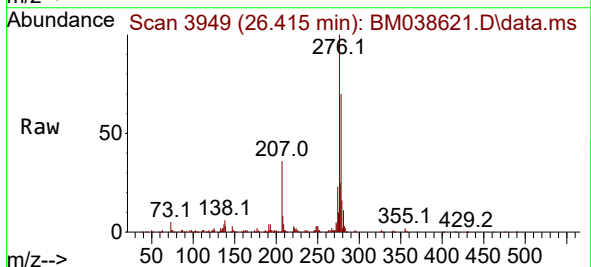
Tgt Ion:276 Resp: 435659

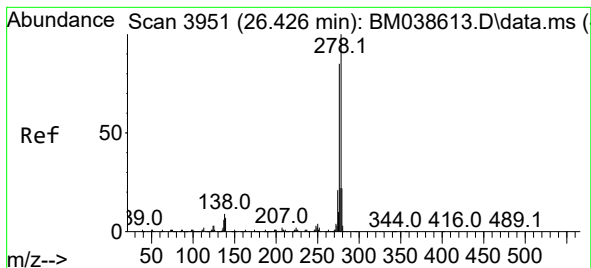
Ion Ratio Lower Upper

276 100

138 5.9 6.1 9.1#

277 25.1 20.5 30.7





#95

Dibenzo(a,h)anthracene

Concen: 18.778 ng/ul

RT: 26.426 min Scan# 3951

Delta R.T. -0.006 min

Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

Instrument :

BNA_M

ClientSampleId :

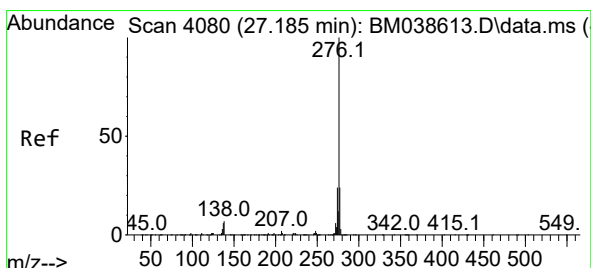
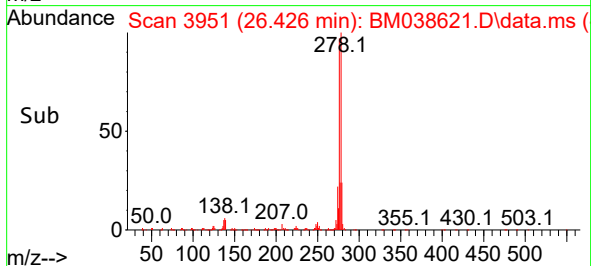
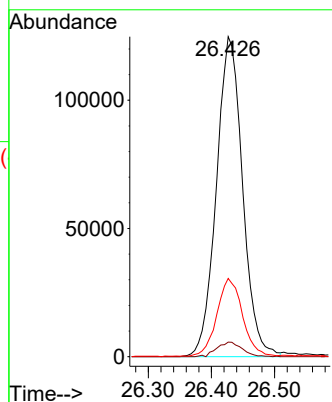
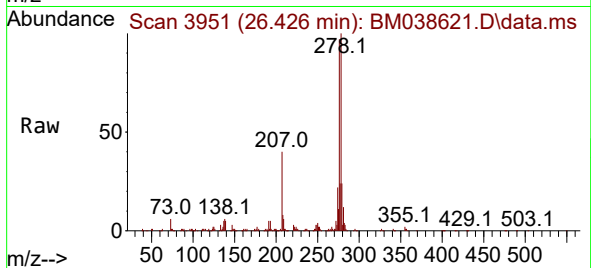
Tgt Ion:278 Resp: 359959

Ion Ratio Lower Upper

278 100

139 4.5 4.3 6.5

279 24.5 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 19.608 ng/ul

RT: 27.185 min Scan# 4080

Delta R.T. -0.012 min

Lab File: BM038621.D

Acq: 31 Jan 2023 16:05

Tgt Ion:276 Resp: 359459

Ion Ratio Lower Upper

276 100

138 5.5 6.0 9.0#

277 24.2 19.2 28.8

