

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020323\
 Data File : BM038680.D
 Acq On : 03 Feb 2023 14:43
 Operator : CG/JU
 Sample : PB150629BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150629BS

Quant Time: Feb 04 05:19:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 05:17:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	63599	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	226524	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	171187	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	330861	20.000	ng	0.00
76) Chrysene-d12	21.486	240	284682	20.000	ng	0.00
86) Perylene-d12	23.880	264	349133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	301816	92.962	ng	0.00
7) Phenol-d6	7.104	99	331316	89.475	ng	0.00
23) Nitrobenzene-d5	9.104	82	322212	80.794	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	189684	81.521	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1119877	83.284	ng	0.00
79) Terphenyl-d14	19.927	244	1373845	85.161	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	44550	31.126	ng	99
3) Pyridine	3.752	79	108685	31.933	ng	98
4) n-Nitrosodimethylamine	3.663	42	61201	39.832	ng	91
6) Aniline	7.257	93	146314	31.677	ng	98
8) 2-Chlorophenol	7.493	128	157465	44.448	ng	99
9) Benzaldehyde	7.069	77	33107	20.285	ng	91
10) Phenol	7.134	94	168537	45.053	ng	97
11) bis(2-Chloroethyl)ether	7.351	93	130287	43.006	ng	97
12) 1,3-Dichlorobenzene	7.810	146	198761	43.912	ng	99
13) 1,4-Dichlorobenzene	7.963	146	204953	44.866	ng	98
14) 1,2-Dichlorobenzene	8.281	146	196352	44.867	ng	100
15) Benzyl Alcohol	8.181	79	113786	41.749	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.451	45	114404	39.868	ng	99
17) 2-Methylphenol	8.387	107	117749	41.037	ng	98
18) Hexachloroethane	9.004	117	66908	45.353	ng	95
19) n-Nitroso-di-n-propyla...	8.745	70	98940	44.328	ng	98
20) 3+4-Methylphenols	8.716	107	156199	40.829	ng	98
22) Acetophenone	8.763	105	218365	40.422	ng	# 98
24) Nitrobenzene	9.145	77	154499	38.168	ng	94
25) Isophorone	9.669	82	264946	37.924	ng	98
26) 2-Nitrophenol	9.851	139	93846	41.664	ng	99
27) 2,4-Dimethylphenol	9.916	122	133018	40.930	ng	98
28) bis(2-Chloroethoxy)met...	10.151	93	174410	40.850	ng	98
29) 2,4-Dichlorophenol	10.392	162	199482	43.205	ng	100
30) 1,2,4-Trichlorobenzene	10.598	180	211625	43.089	ng	99
31) Naphthalene	10.786	128	473363	40.722	ng	99
32) Benzoic acid	10.075	122	94065	35.756	ng	94
33) 4-Chloroaniline	10.910	127	119184	23.395	ng	96
34) Hexachlorobutadiene	11.057	225	106227	43.176	ng	98
35) Caprolactam	11.710	113	36332	36.538	ng	95
36) 4-Chloro-3-methylphenol	12.039	107	136998	40.128	ng	95
37) 2-Methylnaphthalene	12.392	142	378371	40.279	ng	99
38) 1-Methylnaphthalene	12.616	142	358277	40.476	ng	98
40) 1,2,4,5-Tetrachloroben...	12.763	216	180198	40.447	ng	98
41) Hexachlorocyclopentadiene	12.728	237	252246	91.241	ng	98
43) 2,4,6-Trichlorophenol	13.010	196	143500	40.999	ng	97

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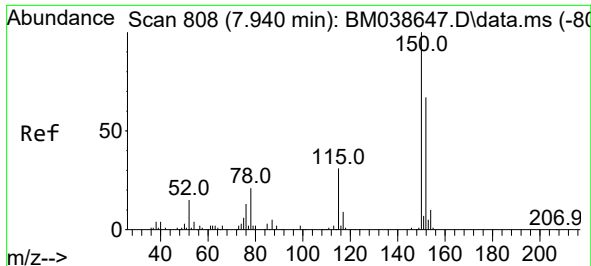
Quant Time: Feb 04 05:19:57 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	152094	36.927	ng	96
46) 1,1'-Biphenyl	13.404	154	551959	40.704	ng	100
47) 2-Chloronaphthalene	13.445	162	443226	41.537	ng	99
48) 2-Nitroaniline	13.663	65	82205	34.763	ng	99
49) Acenaphthylene	14.292	152	659481	39.239	ng	99
50) Dimethylphthalate	14.033	163	524239	37.527	ng	99
51) 2,6-Dinitrotoluene	14.157	165	109386	38.525	ng	100
52) Acenaphthene	14.633	154	397035	39.564	ng	99
53) 3-Nitroaniline	14.492	138	77144	26.708	ng	96
54) 2,4-Dinitrophenol	14.698	184	145287	78.614	ng	96
55) Dibenzofuran	14.963	168	671817	38.876	ng	98
56) 4-Nitrophenol	14.810	139	172865	75.912	ng	93
57) 2,4-Dinitrotoluene	14.945	165	151667	36.602	ng	# 95
58) Fluorene	15.616	166	541572	39.607	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	112924	39.393	ng	98
60) Diethylphthalate	15.386	149	501506	37.895	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	224310	38.669	ng	98
62) 4-Nitroaniline	15.651	138	91105	30.566	ng	99
63) Azobenzene	15.898	77	377468	37.072	ng	98
65) 4,6-Dinitro-2-methylph...	15.704	198	80709	38.749	ng	100
66) n-Nitrosodiphenylamine	15.821	169	445970	41.281	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	133676	41.843	ng	100
68) Hexachlorobenzene	16.610	284	170606	43.697	ng	97
69) Atrazine	16.774	200	139761	44.636	ng	99
70) Pentachlorophenol	16.963	266	205897	72.342	ng	97
71) Phenanthrene	17.351	178	816280	41.550	ng	99
72) Anthracene	17.445	178	814060	40.505	ng	100
73) Carbazole	17.721	167	761544	40.629	ng	99
74) Di-n-butylphthalate	18.268	149	879349	41.525	ng	100
75) Fluoranthene	19.362	202	814045	39.465	ng	100
77) Benzidine	19.556	184	289711	34.789	ng	100
78) Pyrene	19.727	202	871253	39.751	ng	100
80) Butylbenzylphthalate	20.615	149	403118	37.392	ng	100
81) Benzo(a)anthracene	21.468	228	791185	39.289	ng	99
82) 3,3'-Dichlorobenzidine	21.409	252	279249	40.307	ng	99
83) Chrysene	21.527	228	739197	38.098	ng	99
84) Bis(2-ethylhexyl)phtha...	21.386	149	610109	38.725	ng	99
85) Di-n-octyl phthalate	22.309	149	1092435	42.344	ng	99
87) Indeno(1,2,3-cd)pyrene	26.380	276	1254083	45.603	ng	100
88) Benzo(b)fluoranthene	23.150	252	958151	45.819	ng	99
89) Benzo(k)fluoranthene	23.197	252	969346	45.648	ng	99
90) Benzo(a)pyrene	23.780	252	863169	41.740	ng	99
91) Dibenzo(a,h)anthracene	26.385	278	1096307	47.384	ng	99
92) Benzo(g,h,i)perylene	27.150	276	1083872	46.344	ng	99

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

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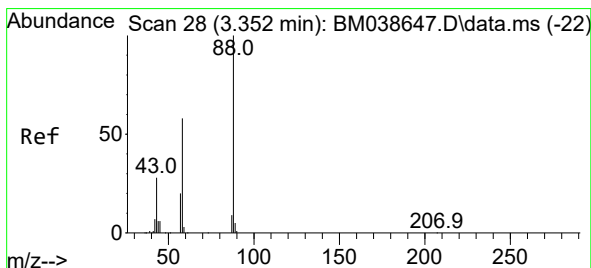
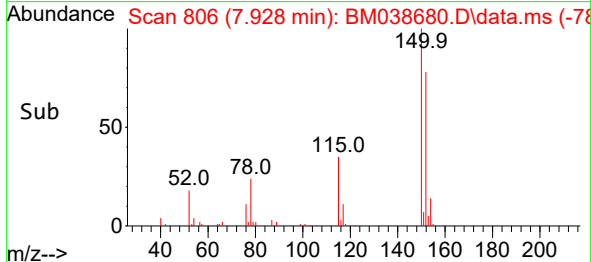
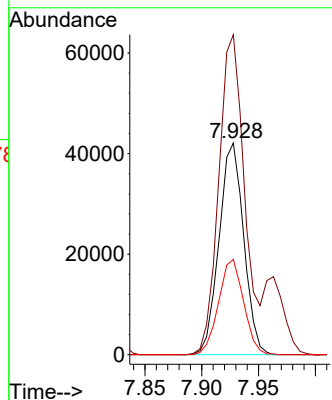
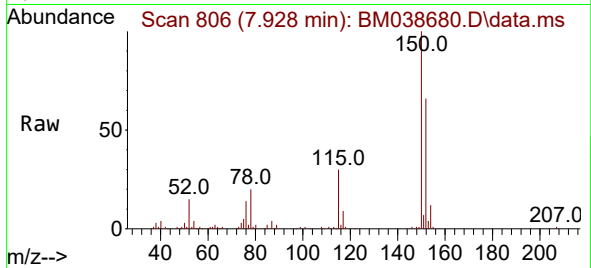




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM038680.D
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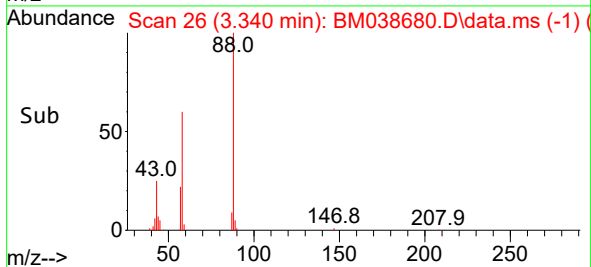
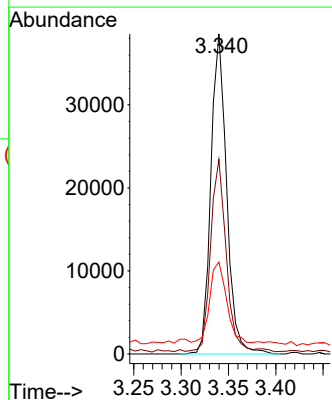
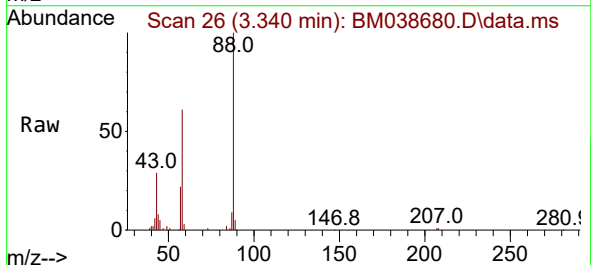
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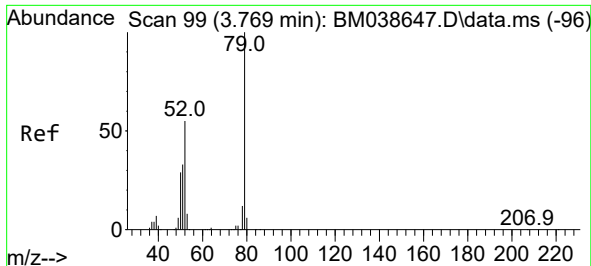
Tgt Ion:152 Resp: 63599
Ion Ratio Lower Upper
152 100
150 151.1 119.5 179.3
115 45.1 37.6 56.4



#2
1,4-Dioxane
Concen: 31.126 ng
RT: 3.340 min Scan# 26
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion: 88 Resp: 44550
Ion Ratio Lower Upper
88 100
58 59.3 47.0 70.4
43 26.9 22.6 33.8

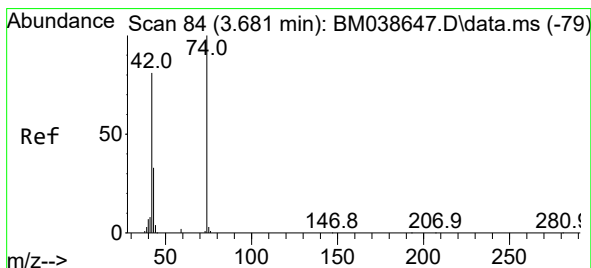
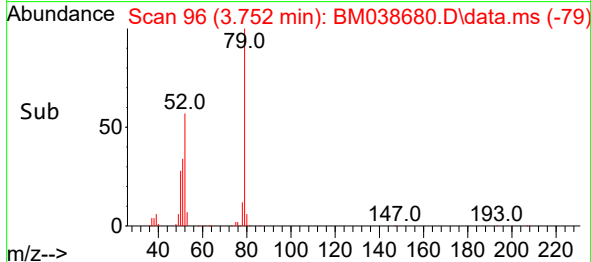
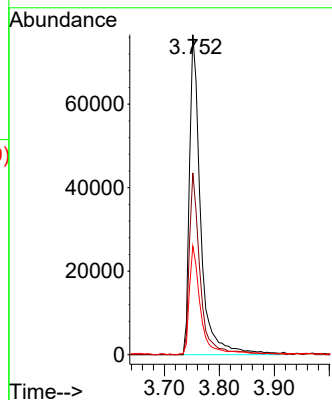
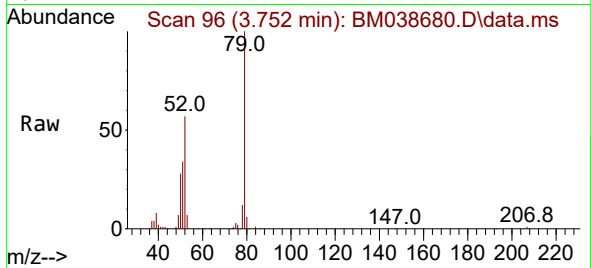




#3
Pyridine
Concen: 31.933 ng
RT: 3.752 min Scan# 90
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

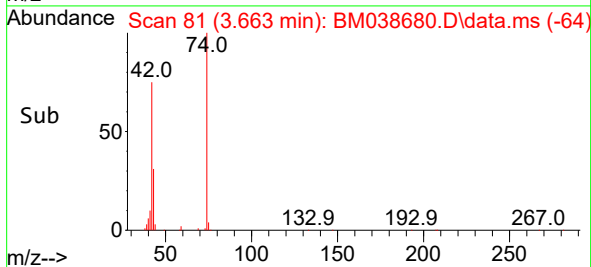
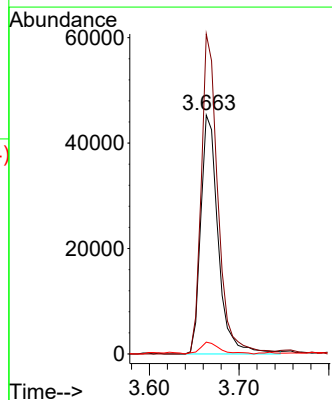
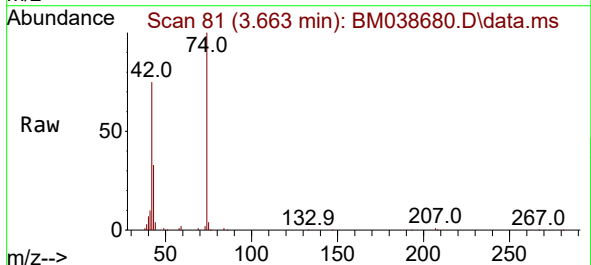
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ClientSampleId :
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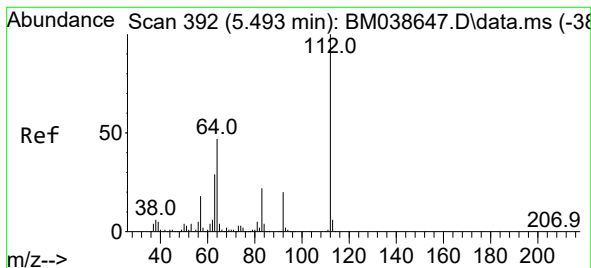
Tgt Ion: 79 Resp: 108685
Ion Ratio Lower Upper
79 100
52 56.8 43.7 65.5
51 34.0 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 39.832 ng
RT: 3.663 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion: 42 Resp: 61201
Ion Ratio Lower Upper
42 100
74 133.9 98.4 147.6
44 5.0 3.5 5.3

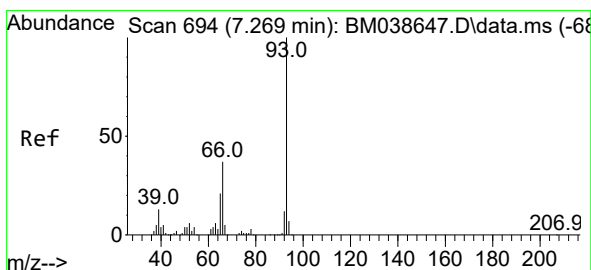
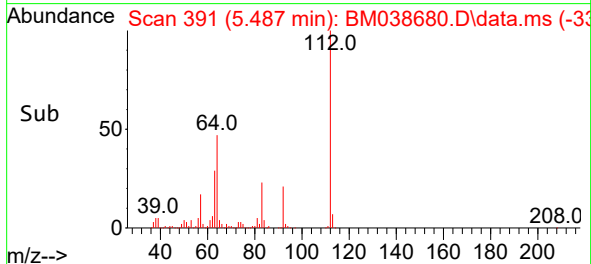
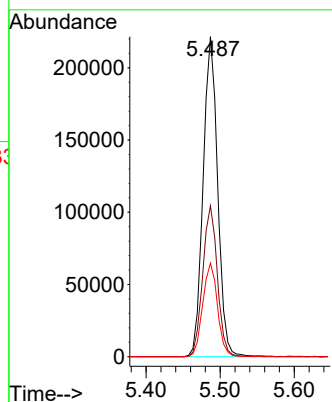
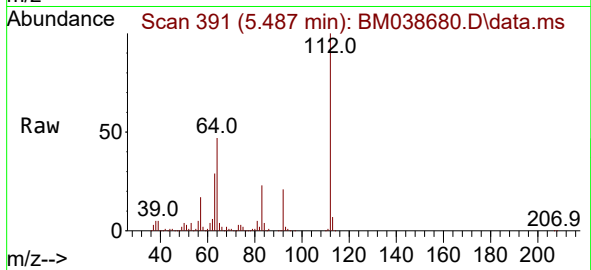




#5
2-Fluorophenol
Concen: 92.962 ng
RT: 5.487 min Scan# 391
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

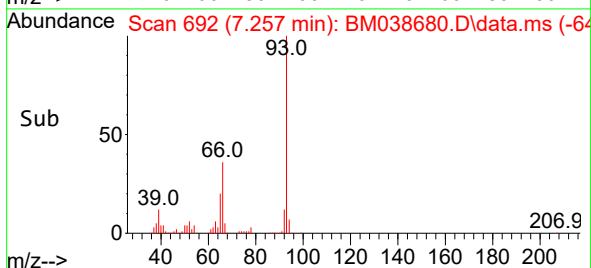
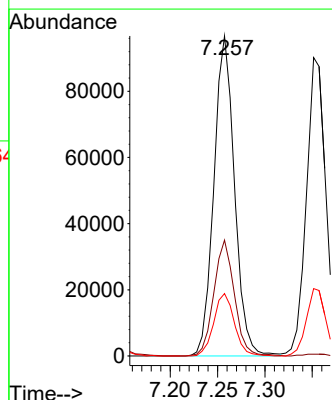
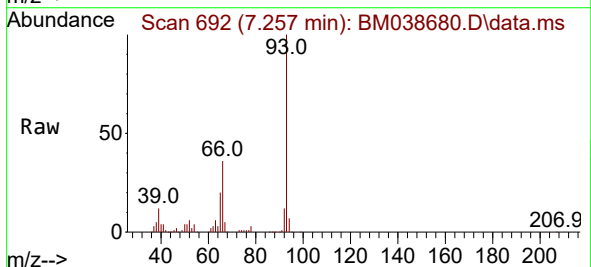
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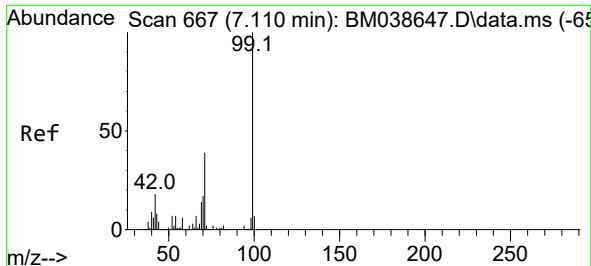
Tgt Ion:112 Resp: 301816
Ion Ratio Lower Upper
112 100
64 47.1 37.9 56.9
63 29.2 23.3 34.9



#6
Aniline
Concen: 31.677 ng
RT: 7.257 min Scan# 692
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion: 93 Resp: 146314
Ion Ratio Lower Upper
93 100
66 36.2 29.8 44.8
65 19.5 16.9 25.3

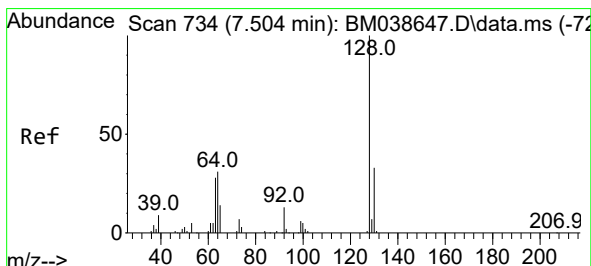
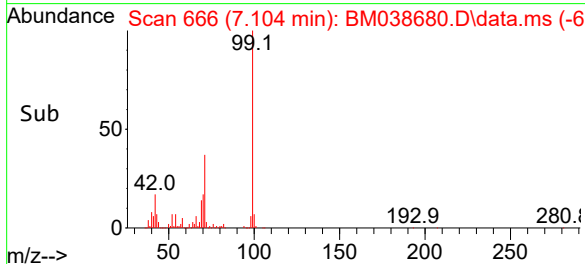
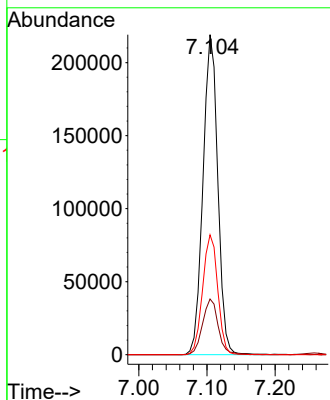
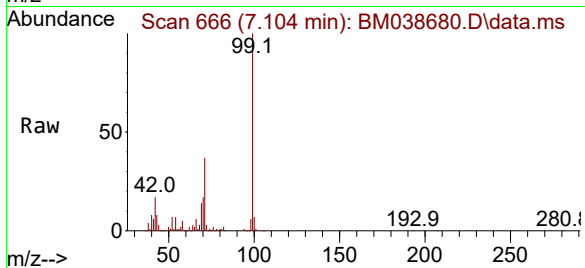




#7
Phenol-d6
Concen: 89.475 ng
RT: 7.104 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

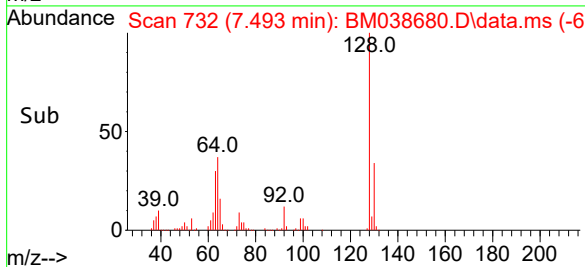
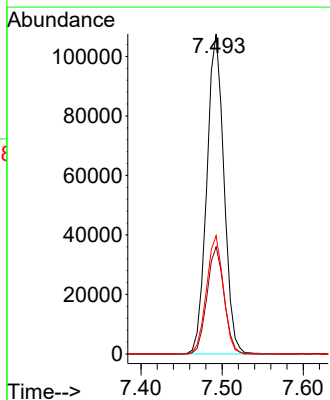
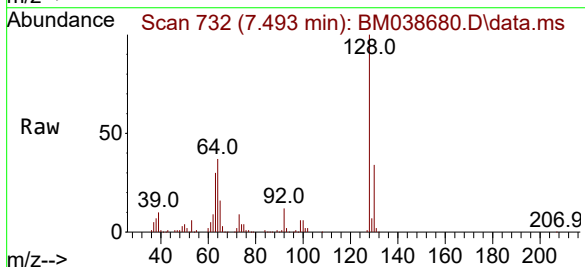
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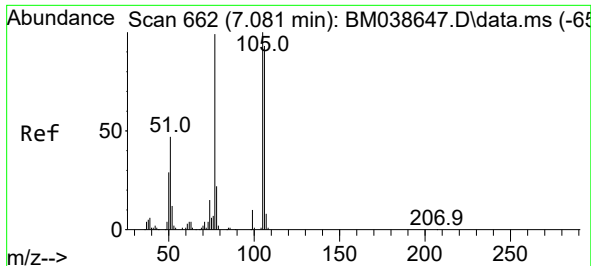
Tgt Ion: 99 Resp: 331316
Ion Ratio Lower Upper
99 100
42 17.4 14.6 22.0
71 37.5 31.0 46.4



#8
2-Chlorophenol
Concen: 44.448 ng
RT: 7.493 min Scan# 732
Delta R.T. 0.006 min
Lab File: BM038680.D
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Tgt Ion: 128 Resp: 157465
Ion Ratio Lower Upper
128 100
130 33.5 13.2 53.2
64 37.0 17.3 57.3

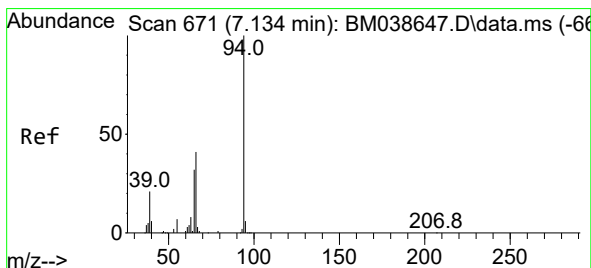
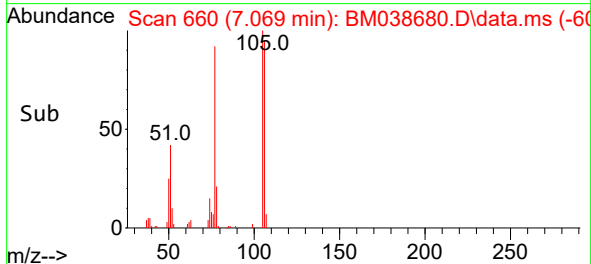
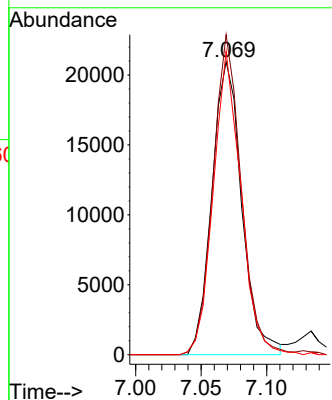
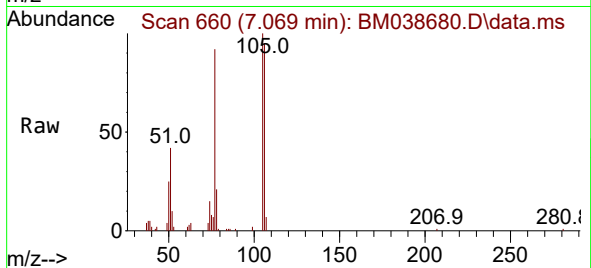




#9
Benzaldehyde
Concen: 20.285 ng
RT: 7.069 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

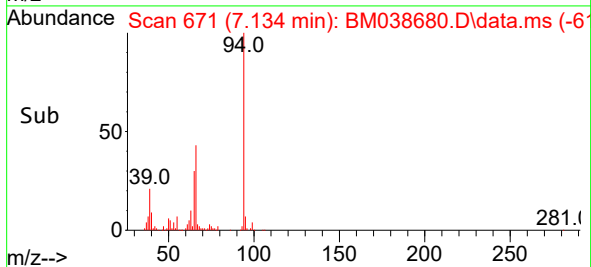
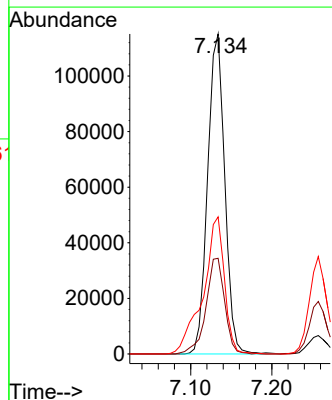
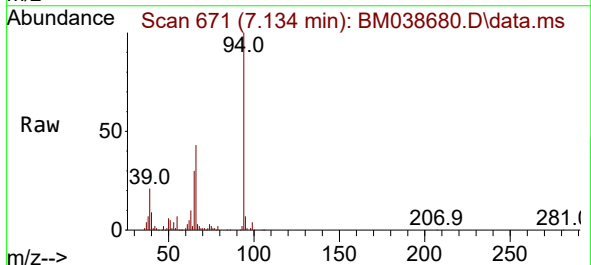
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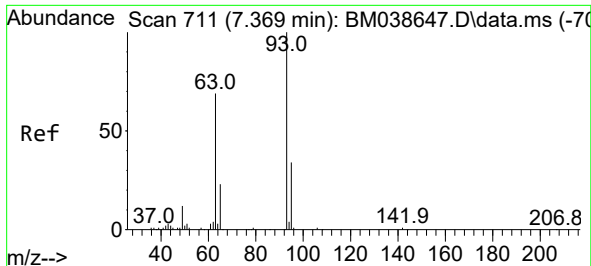
Tgt Ion: 77 Resp: 33107
Ion Ratio Lower Upper
77 100
105 109.2 80.8 120.8
106 103.6 73.8 113.8



#10
Phenol
Concen: 45.053 ng
RT: 7.134 min Scan# 671
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 168537
Ion Ratio Lower Upper
94 100
65 29.9 12.3 52.3
66 42.8 24.2 64.2

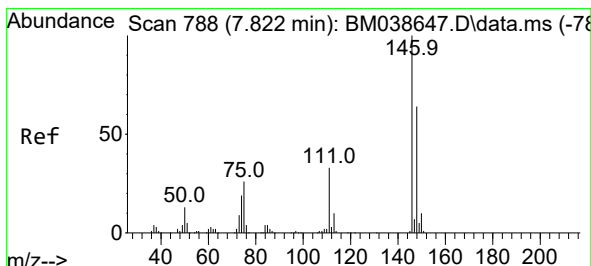
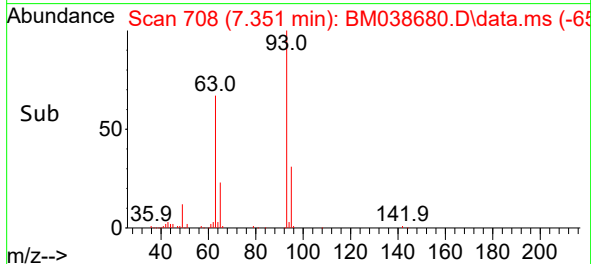
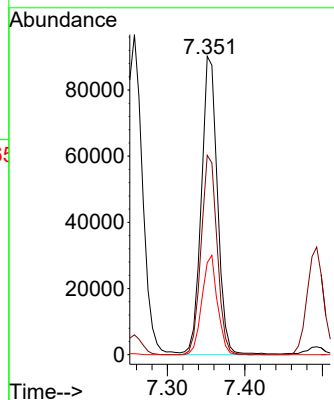
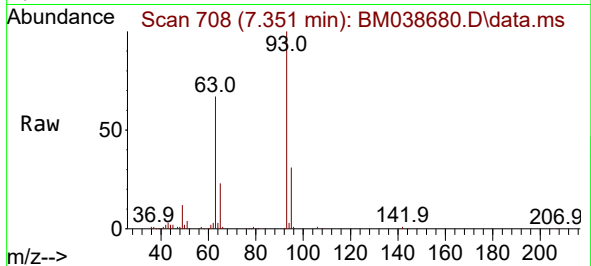




#11
bis(2-Chloroethyl)ether
Concen: 43.006 ng
RT: 7.351 min Scan# 708
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

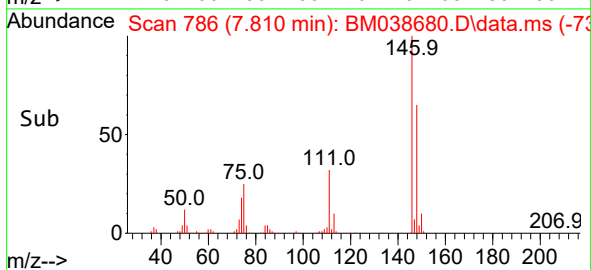
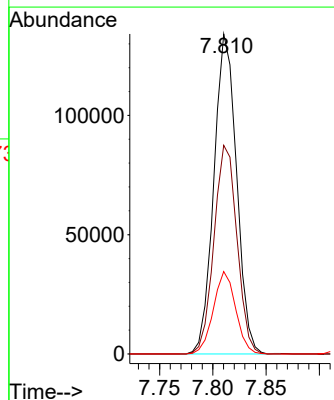
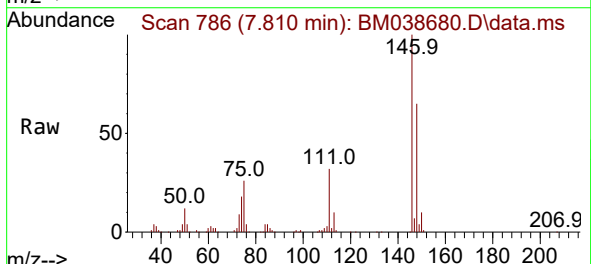
Instrument :
BNA_M
ClientSampleId :
PB150629BS

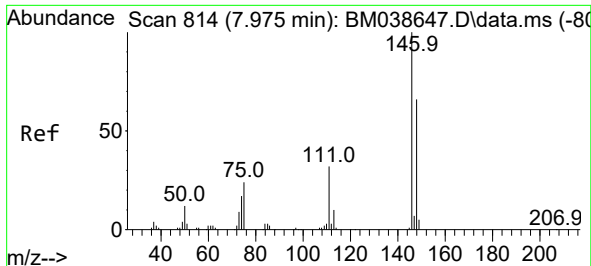
Tgt Ion: 93 Resp: 130287
Ion Ratio Lower Upper
93 100
63 66.8 48.5 88.5
95 30.8 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 43.912 ng
RT: 7.810 min Scan# 786
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:146 Resp: 198761
Ion Ratio Lower Upper
146 100
148 65.2 51.5 77.3
75 25.7 21.1 31.7





#13

1,4-Dichlorobenzene

Concen: 44.866 ng

RT: 7.963 min Scan# 814

Delta R.T. 0.006 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

Instrument :

BNA_M

ClientSampleId :

PB150629BS

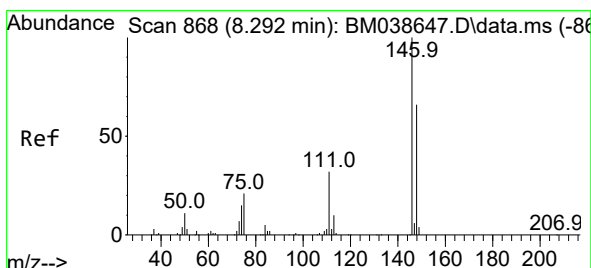
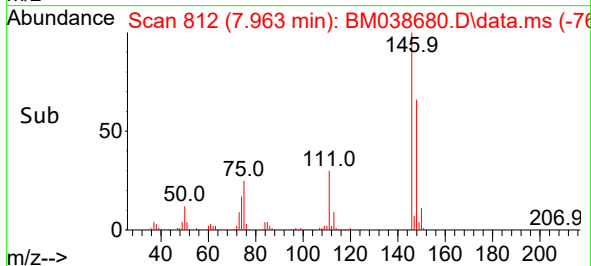
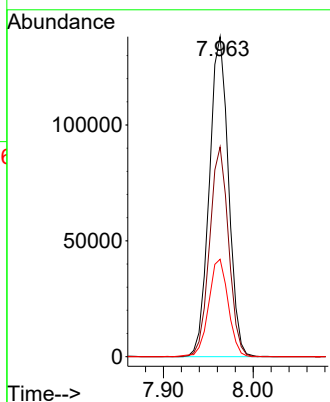
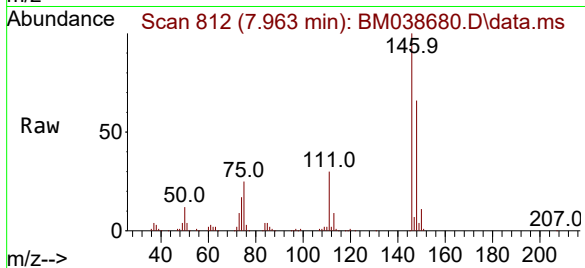
Tgt Ion:146 Resp: 204953

Ion Ratio Lower Upper

146 100

148 65.6 53.1 79.7

111 30.5 25.9 38.9



#14

1,2-Dichlorobenzene

Concen: 44.867 ng

RT: 8.281 min Scan# 866

Delta R.T. 0.006 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

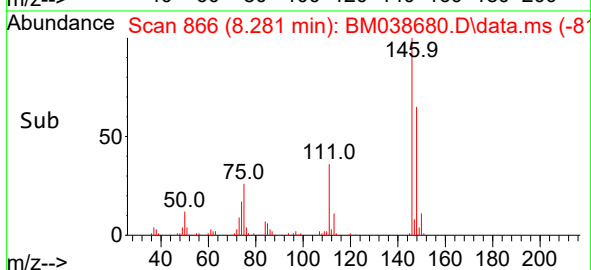
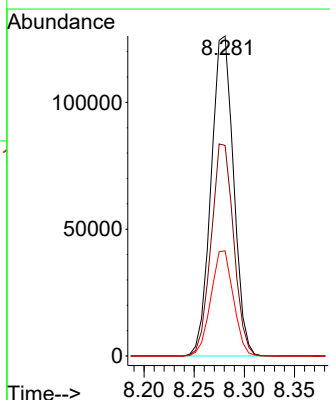
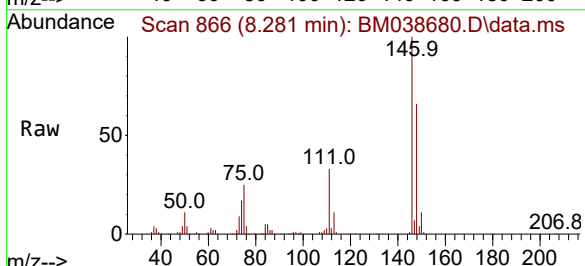
Tgt Ion:146 Resp: 196352

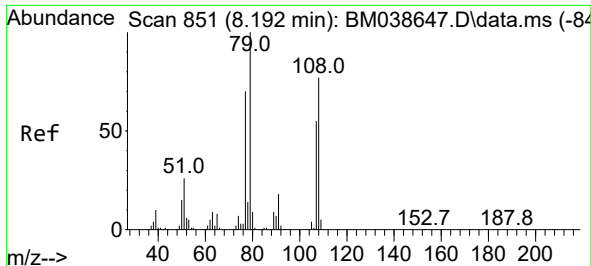
Ion Ratio Lower Upper

146 100

148 65.8 52.9 79.3

111 32.8 26.2 39.2

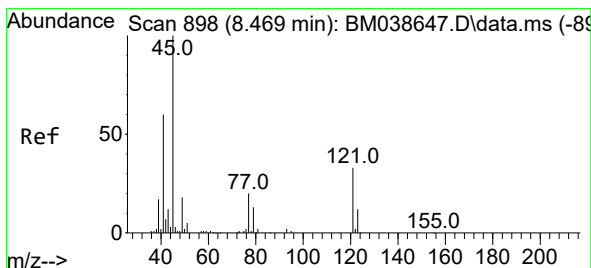
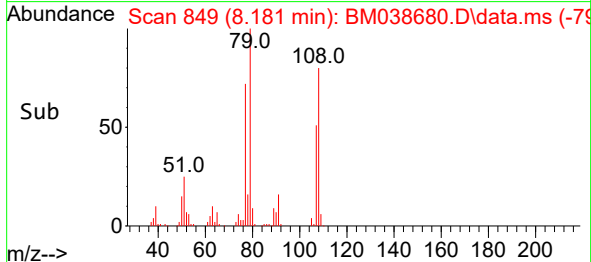
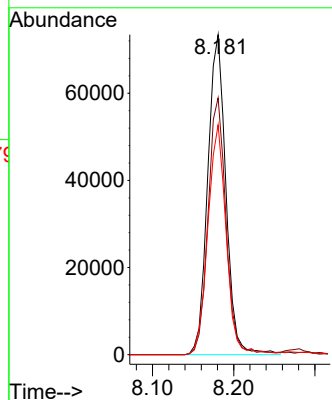
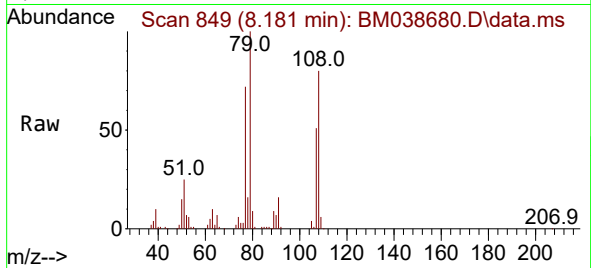




#15
Benzyl Alcohol
Concen: 41.749 ng
RT: 8.181 min Scan# 84
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

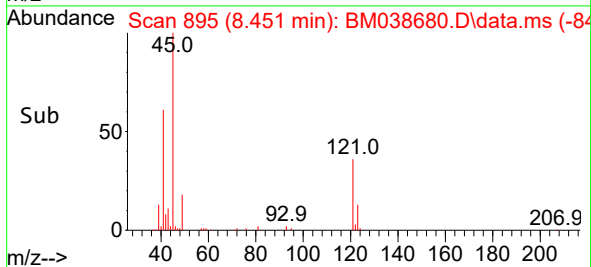
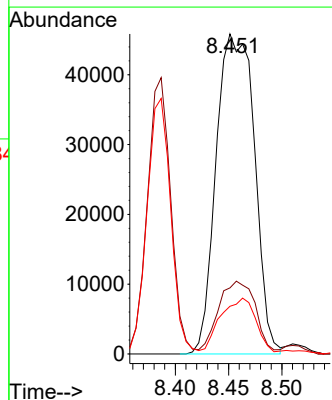
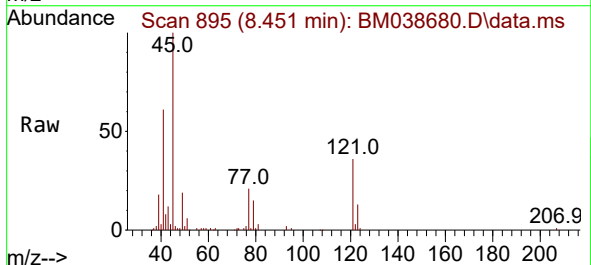
Instrument :
BNA_M
ClientSampleId :
PB150629BS

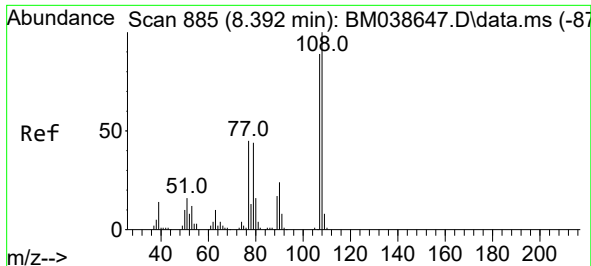
Tgt Ion: 79 Resp: 113786
Ion Ratio Lower Upper
79 100
108 80.3 61.9 92.9
77 71.9 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.868 ng
RT: 8.451 min Scan# 895
Delta R.T. -0.012 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion: 45 Resp: 114404
Ion Ratio Lower Upper
45 100
77 20.6 1.1 41.1
79 14.9 0.0 34.6





#17

2-Methylphenol

Concen: 41.037 ng

RT: 8.387 min Scan# 884

Delta R.T. 0.006 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

Instrument :

BNA_M

ClientSampleId :

PB150629BS

Tgt Ion:107 Resp: 117749

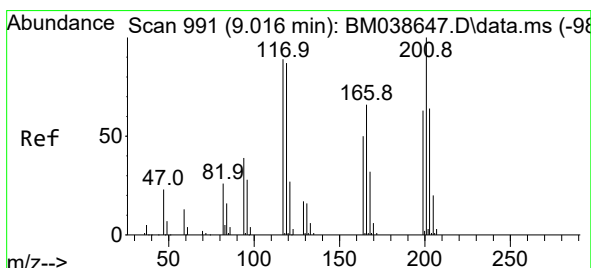
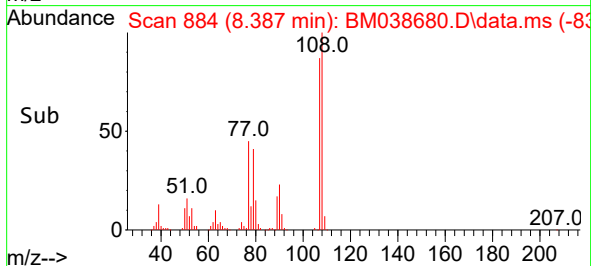
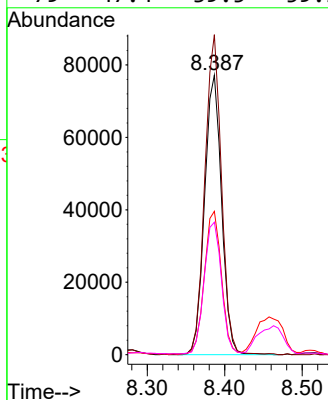
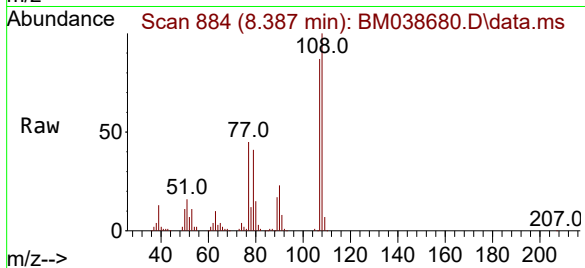
Ion Ratio Lower Upper

107 100

108 114.5 89.6 134.4

77 51.3 40.7 61.1

79 47.4 39.5 59.3



#18

Hexachloroethane

Concen: 45.353 ng

RT: 9.004 min Scan# 989

Delta R.T. 0.006 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

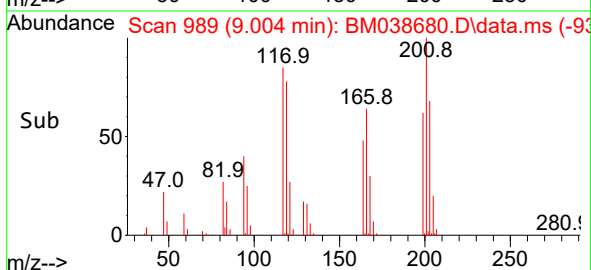
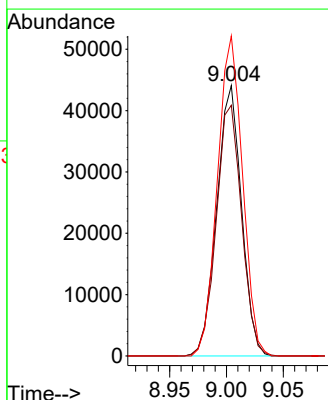
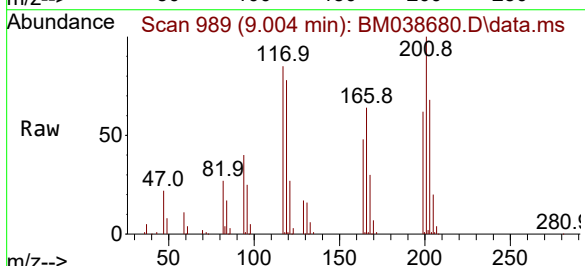
Tgt Ion:117 Resp: 66908

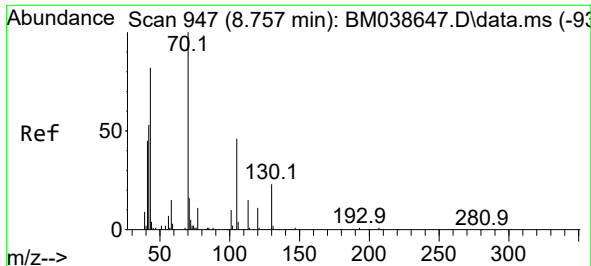
Ion Ratio Lower Upper

117 100

119 92.7 78.6 117.8

201 118.3 90.2 135.2



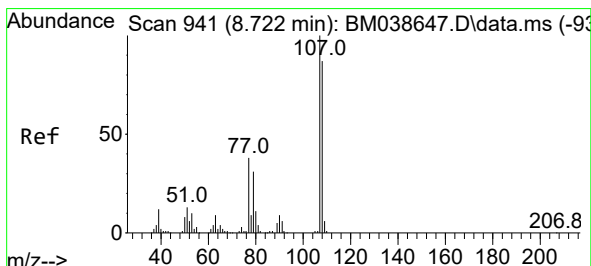
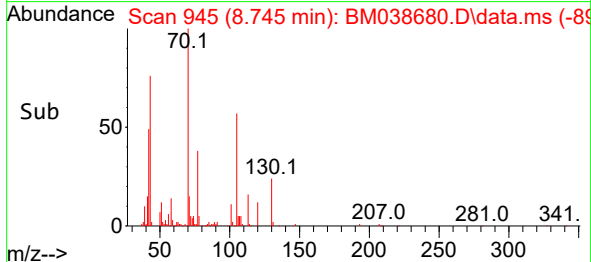
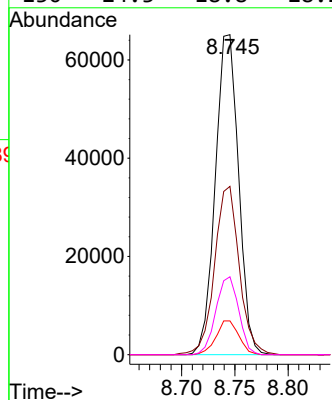
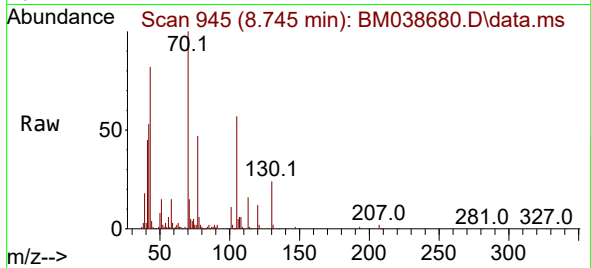


#19
n-Nitroso-di-n-propylamine
Concen: 44.328 ng
RT: 8.745 min Scan# 947
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Instrument :
BNA_M
ClientSampleId :
PB150629BS

Tgt Ion: 70 Resp: 98940

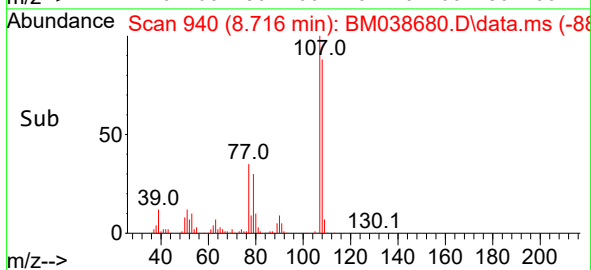
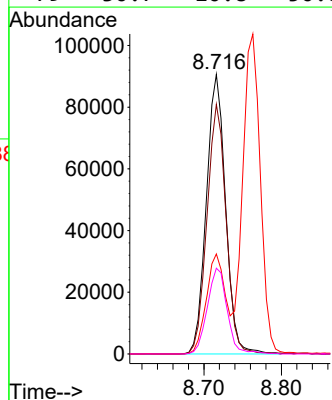
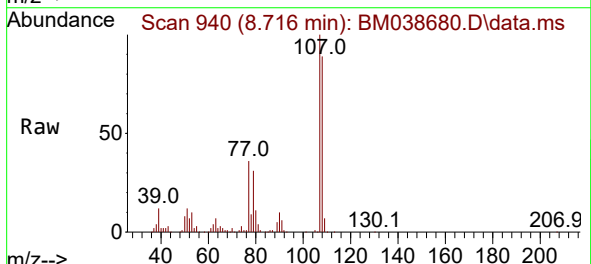
Ion	Ratio	Lower	Upper
70	100		
42	52.6	43.4	65.2
101	10.6	8.2	12.2
130	24.3	18.8	28.2

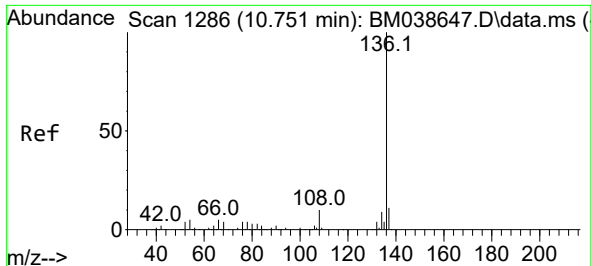


#20
3+4-Methylphenols
Concen: 40.829 ng
RT: 8.716 min Scan# 940
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion: 107 Resp: 156199

Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.2	107.2
77	35.8	17.5	57.5
79	30.7	10.8	50.8

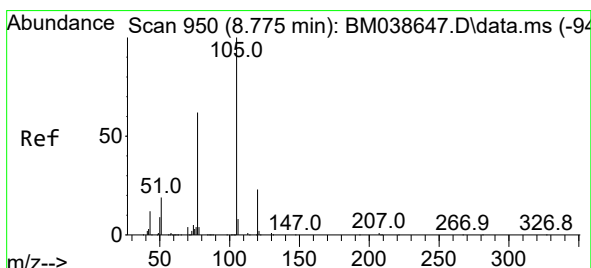
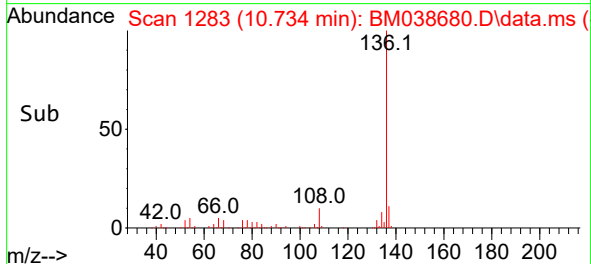
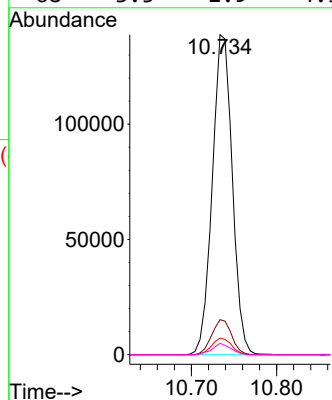
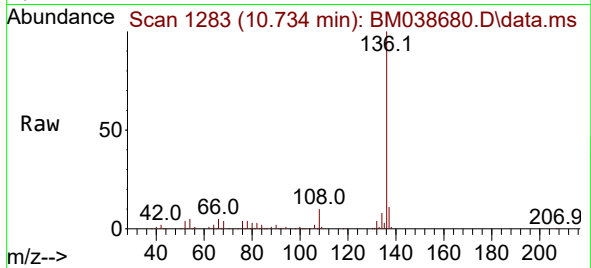




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

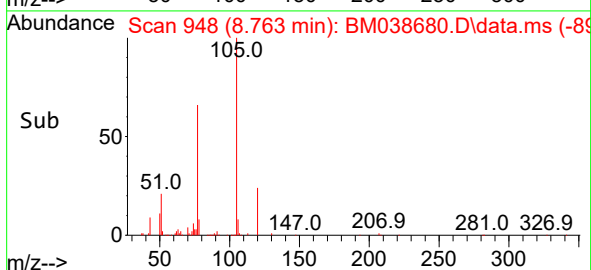
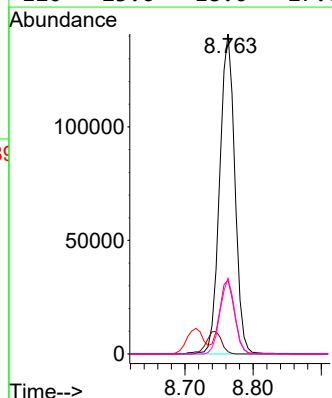
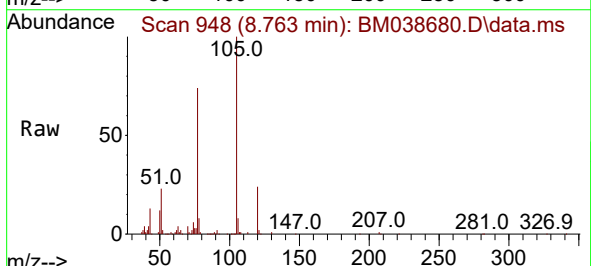
Instrument :
BNA_M
ClientSampleId :
PB150629BS

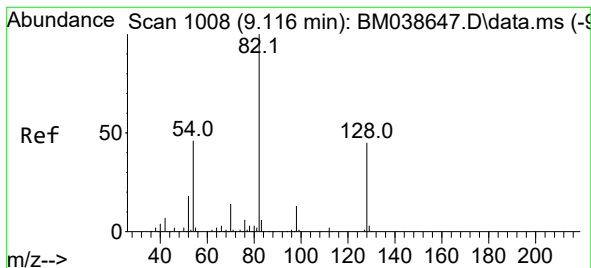
Tgt Ion:136 Resp: 226524
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.2 4.2 6.4
68 3.5 2.9 4.3



#22
Acetophenone
Concen: 40.422 ng
RT: 8.763 min Scan# 948
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:105 Resp: 218365
Ion Ratio Lower Upper
105 100
71 0.7 0.9 1.3#
51 23.1 19.3 28.9
120 23.6 18.0 27.0





#23

Nitrobenzene-d5

Concen: 80.794 ng

RT: 9.104 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

Instrument :

BNA_M

ClientSampleId :

PB150629BS

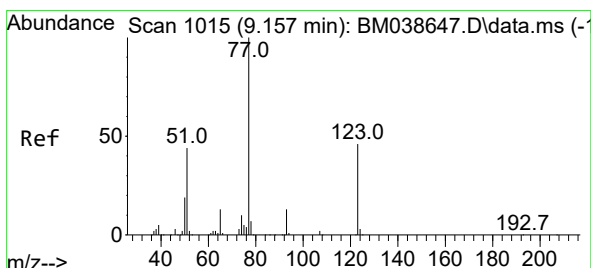
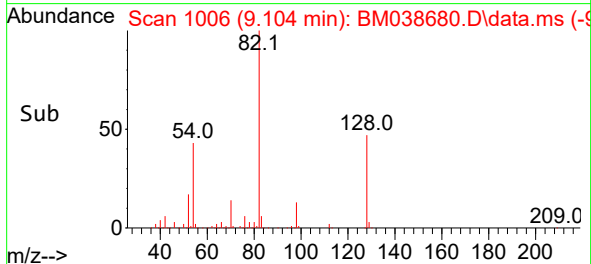
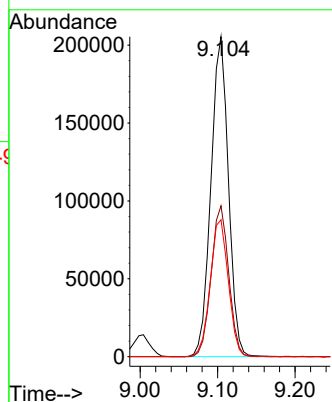
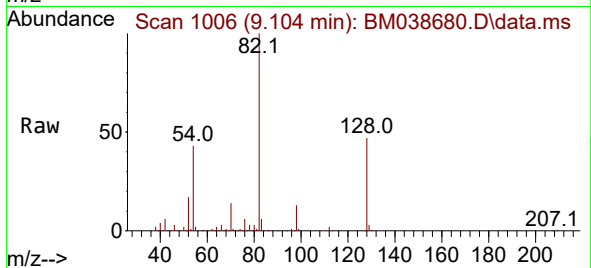
Tgt Ion: 82 Resp: 322212

Ion Ratio Lower Upper

82 100

128 47.1 36.0 54.0

54 42.8 36.8 55.2



#24

Nitrobenzene

Concen: 38.168 ng

RT: 9.145 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

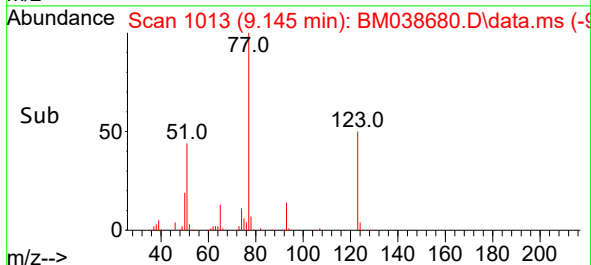
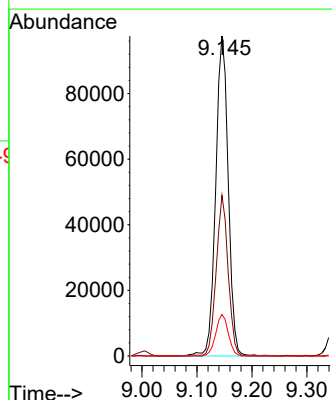
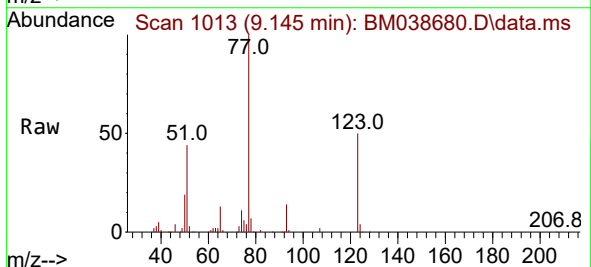
Tgt Ion: 77 Resp: 154499

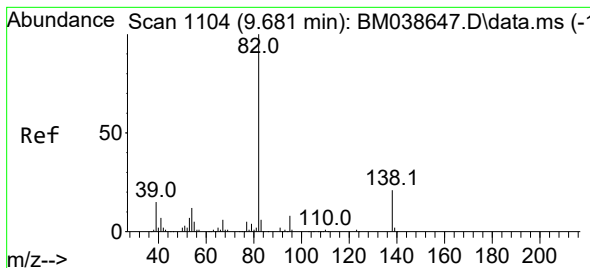
Ion Ratio Lower Upper

77 100

123 50.2 36.5 54.7

65 13.0 10.7 16.1





#25

Isophorone

Concen: 37.924 ng

RT: 9.669 min Scan# 1102

Delta R.T. 0.006 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

Instrument :

BNA_M

ClientSampleId :

PB150629BS

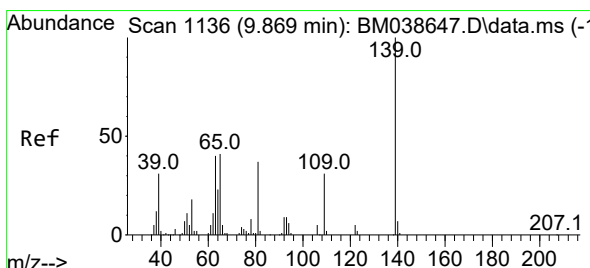
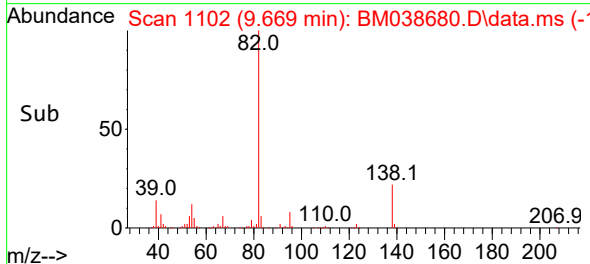
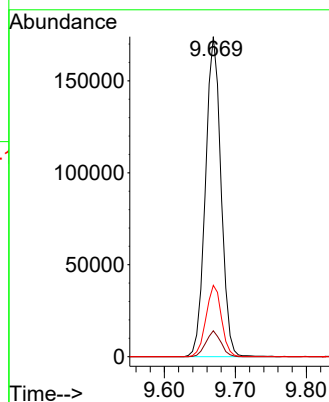
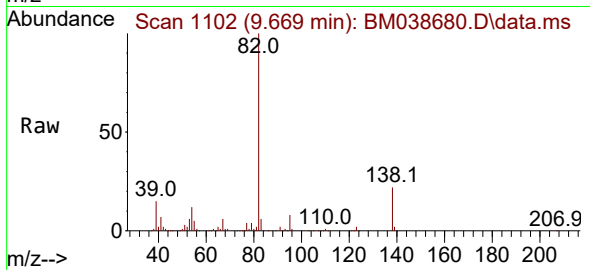
Tgt Ion: 82 Resp: 264946

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

138 22.3 17.0 25.6



#26

2-Nitrophenol

Concen: 41.664 ng

RT: 9.851 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

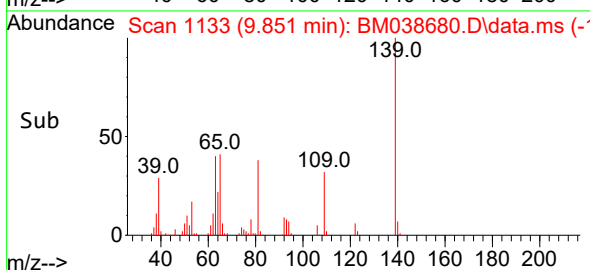
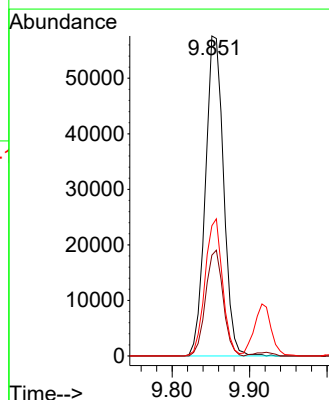
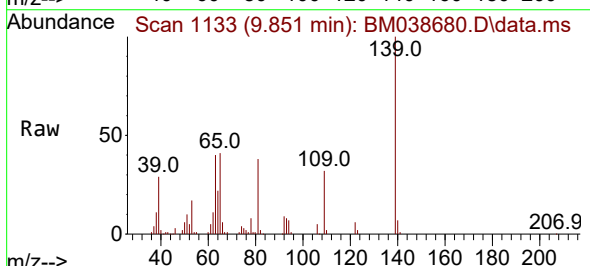
Tgt Ion: 139 Resp: 93846

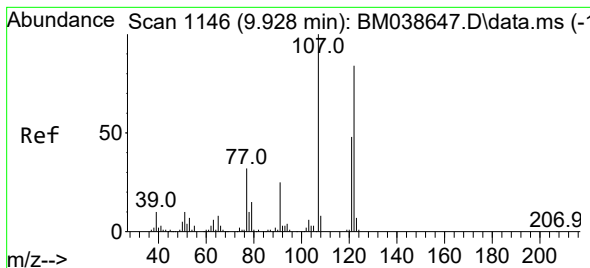
Ion Ratio Lower Upper

139 100

109 31.5 24.5 36.7

65 40.7 32.6 49.0

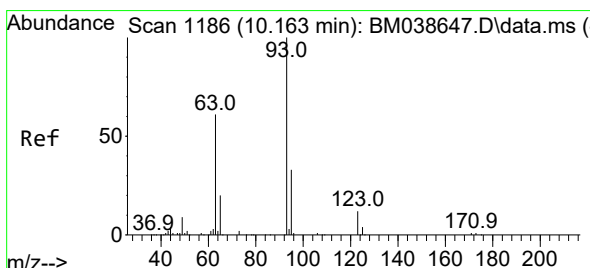
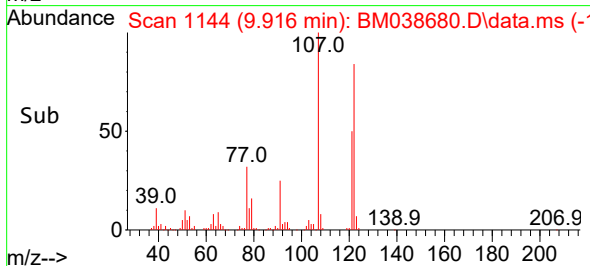
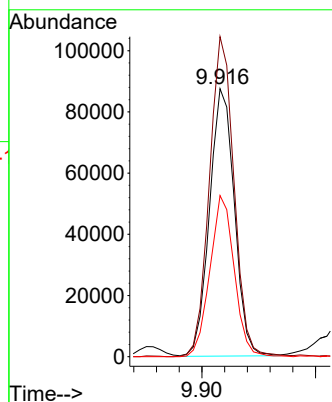
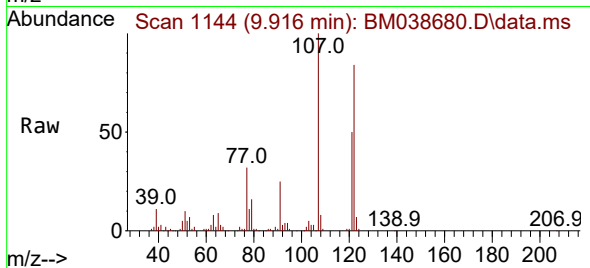




#27
2,4-Dimethylphenol
Concen: 40.930 ng
RT: 9.916 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

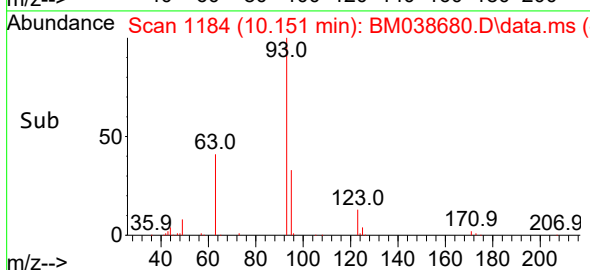
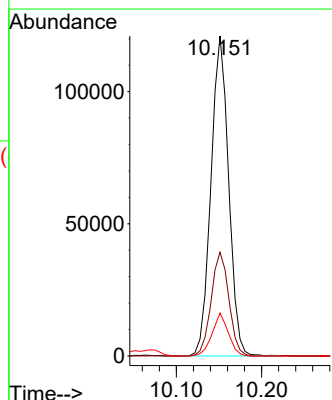
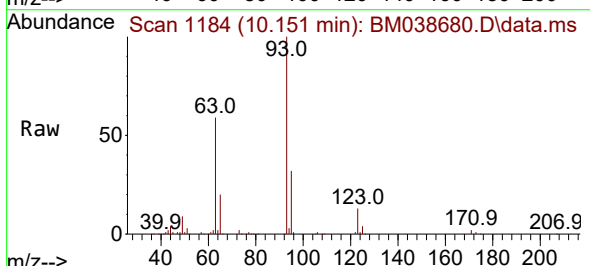
Instrument :
BNA_M
ClientSampleId :
PB150629BS

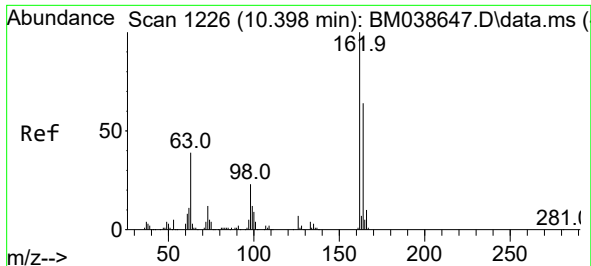
Tgt Ion:122 Resp: 133018
Ion Ratio Lower Upper
122 100
107 119.4 94.9 142.3
121 60.1 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.850 ng
RT: 10.151 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion: 93 Resp: 174410
Ion Ratio Lower Upper
93 100
95 32.4 26.6 40.0
123 13.4 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 43.205 ng

RT: 10.392 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

Instrument :

BNA_M

ClientSampleId :

PB150629BS

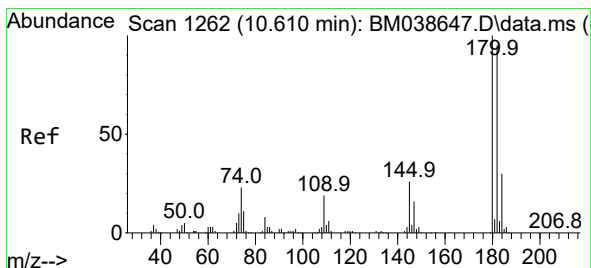
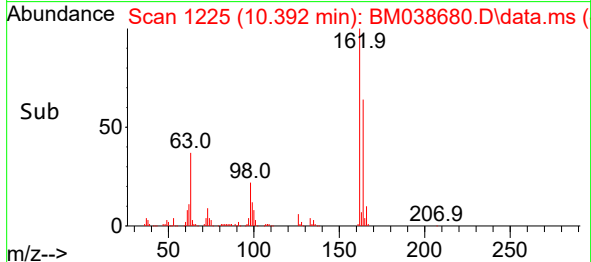
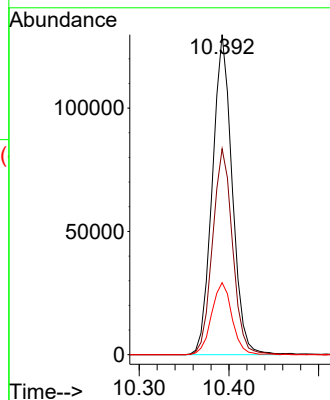
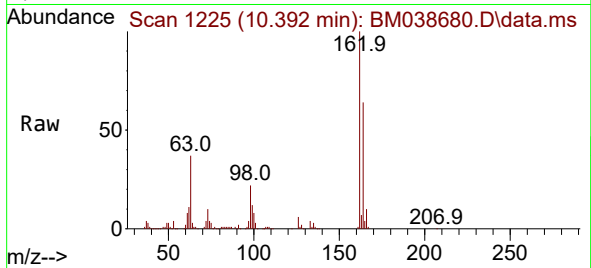
Tgt Ion:162 Resp: 199482

Ion Ratio Lower Upper

162 100

164 64.3 44.3 84.3

98 22.5 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 43.089 ng

RT: 10.598 min Scan# 1260

Delta R.T. 0.006 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

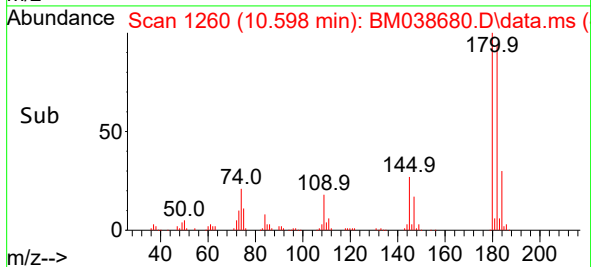
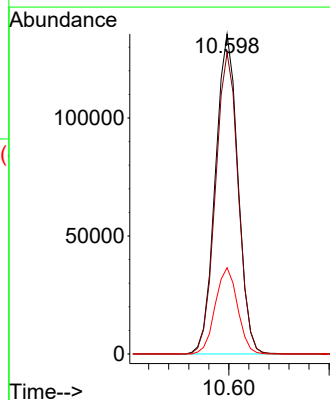
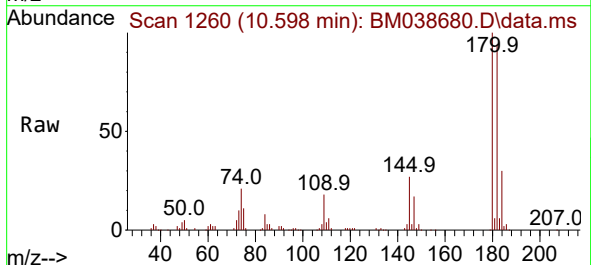
Tgt Ion:180 Resp: 211625

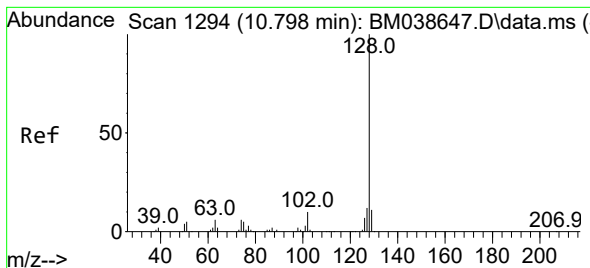
Ion Ratio Lower Upper

180 100

182 94.1 76.2 114.2

145 27.0 20.8 31.2





#31

Naphthalene

Concen: 40.722 ng

RT: 10.786 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

Instrument :

BNA_M

ClientSampleId :

PB150629BS

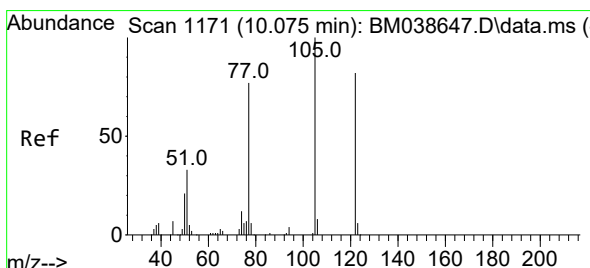
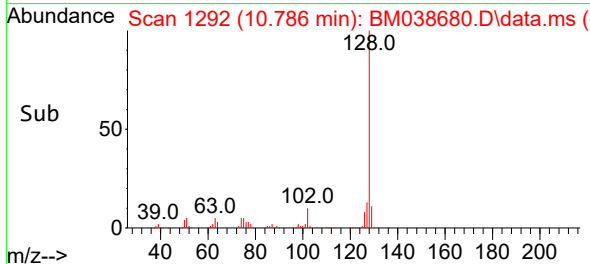
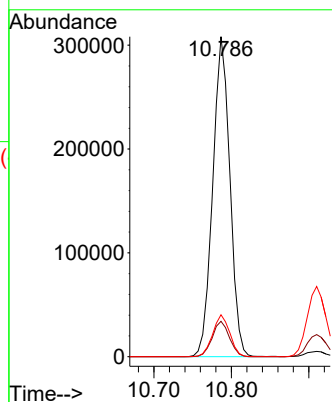
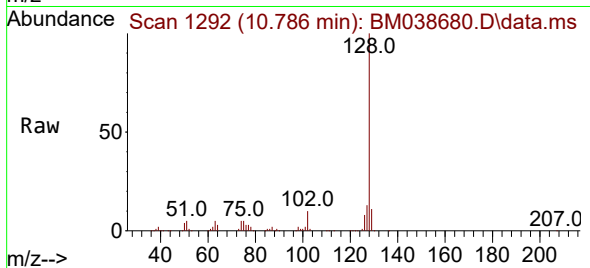
Tgt Ion:128 Resp: 473363

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

127 13.1 9.9 14.9



#32

Benzoic acid

Concen: 35.756 ng

RT: 10.075 min Scan# 1171

Delta R.T. 0.006 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

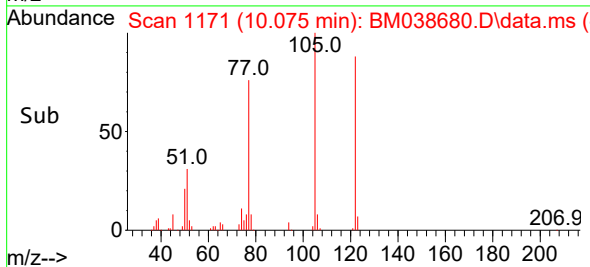
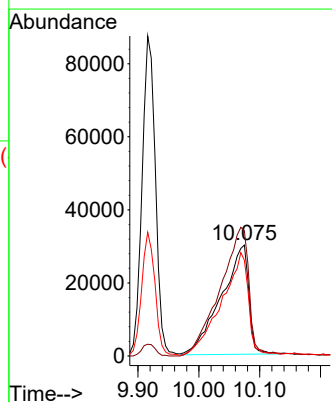
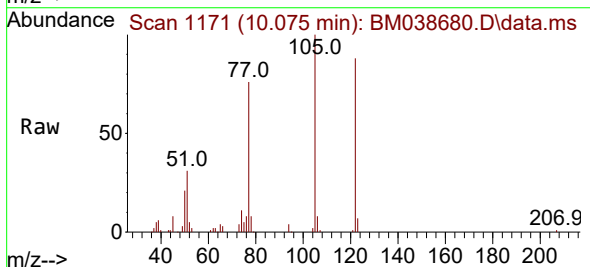
Tgt Ion:122 Resp: 94065

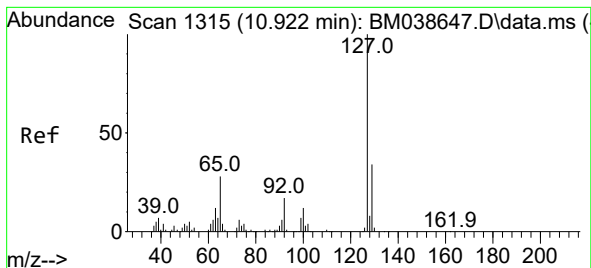
Ion Ratio Lower Upper

122 100

105 113.1 99.2 139.2

77 86.5 72.3 112.3





#33

4-Chloroaniline

Concen: 23.395 ng

RT: 10.910 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

Instrument :

BNA_M

ClientSampleId :

PB150629BS

Tgt Ion:127 Resp: 119184

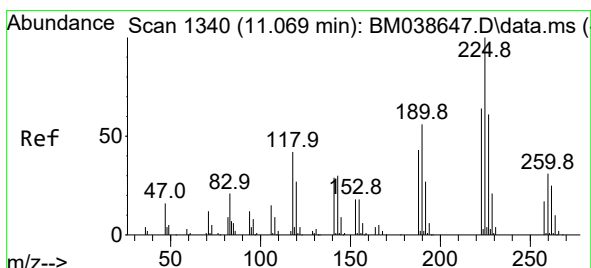
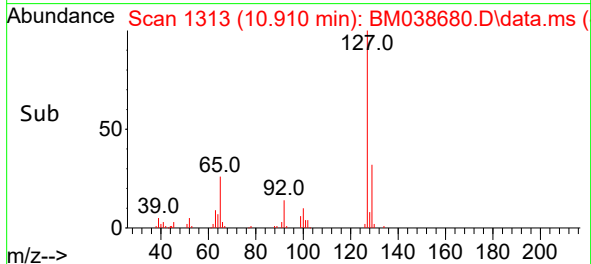
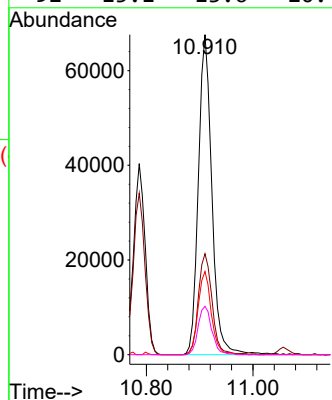
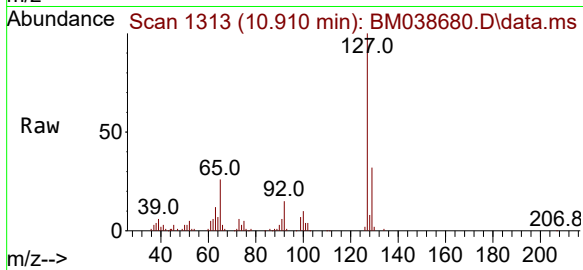
Ion Ratio Lower Upper

127 100

129 31.6 27.1 40.7

65 26.0 22.2 33.4

92 15.1 13.6 20.4



#34

Hexachlorobutadiene

Concen: 43.176 ng

RT: 11.057 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

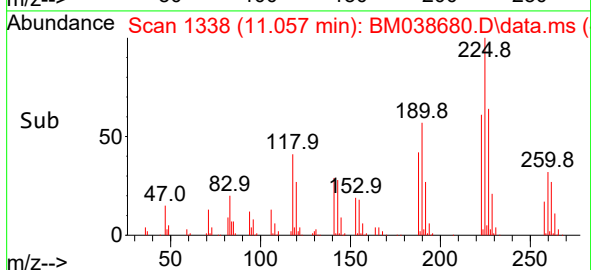
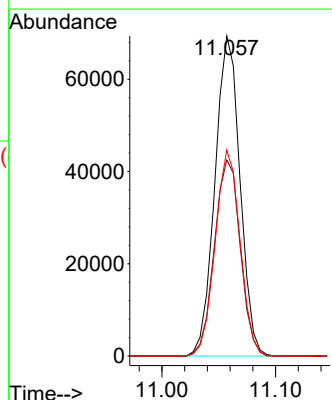
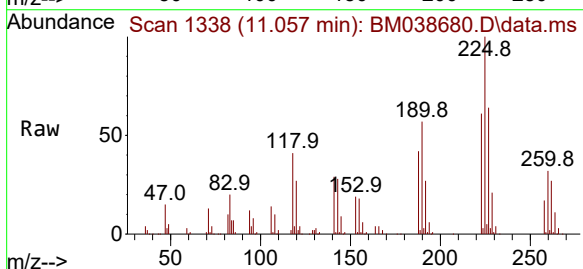
Tgt Ion:225 Resp: 106227

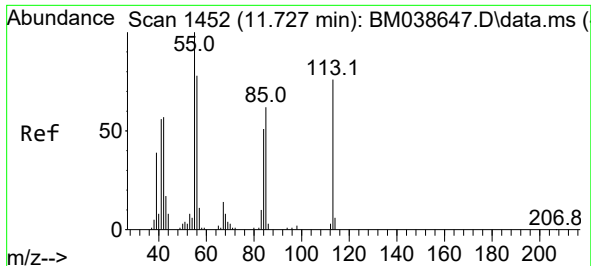
Ion Ratio Lower Upper

225 100

223 64.1 51.0 76.4

227 64.3 49.2 73.8

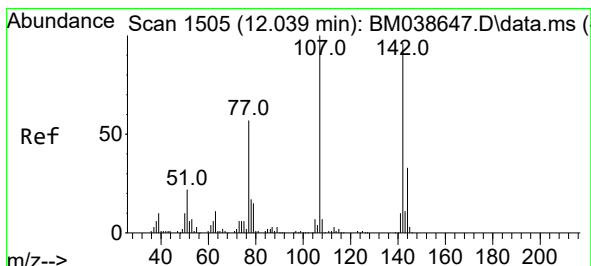
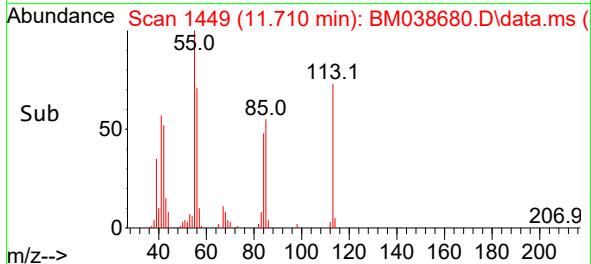
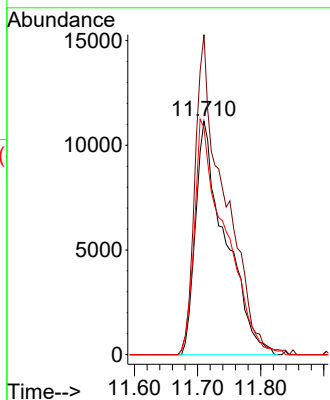
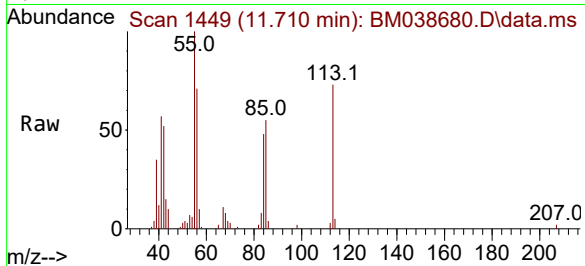




#35
Caprolactam
Concen: 36.538 ng
RT: 11.710 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

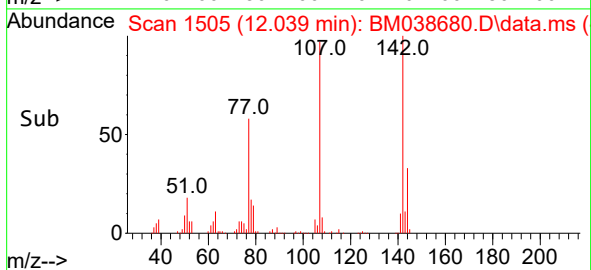
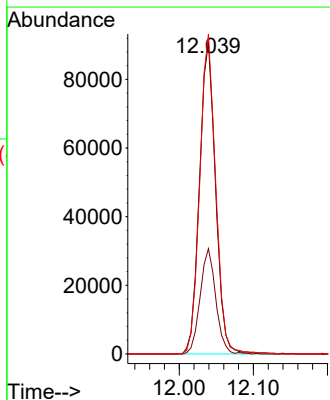
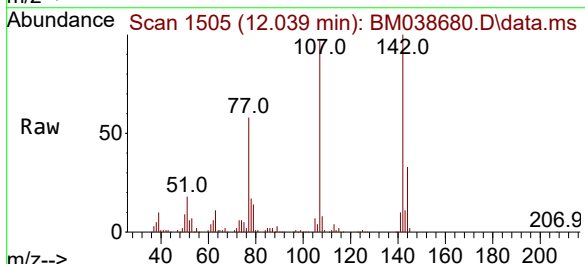
Instrument :
BNA_M
ClientSampleId :
PB150629BS

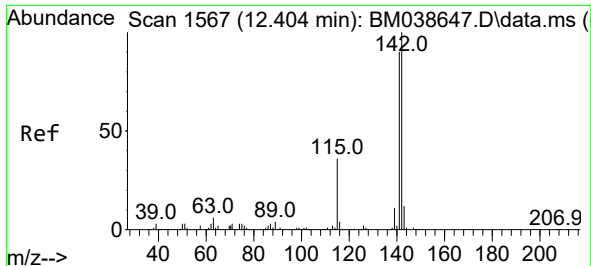
Tgt Ion:113 Resp: 36332
Ion Ratio Lower Upper
113 100
55 137.0 111.2 151.2
56 97.2 82.0 122.0



#36
4-Chloro-3-methylphenol
Concen: 40.128 ng
RT: 12.039 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:107 Resp: 136998
Ion Ratio Lower Upper
107 100
144 33.8 26.5 39.7
142 102.7 77.0 115.6

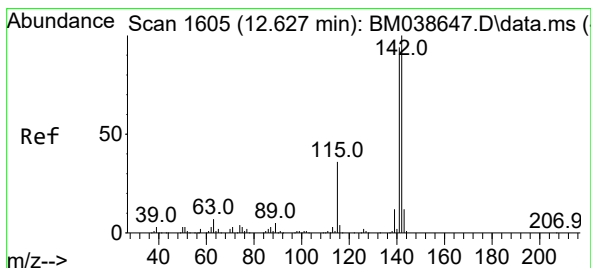
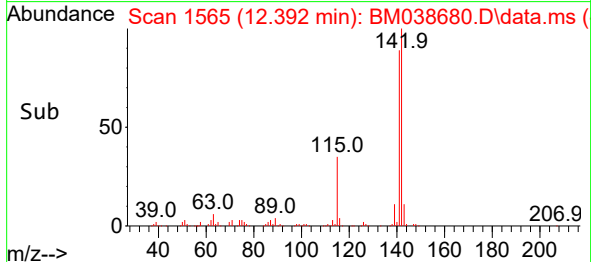
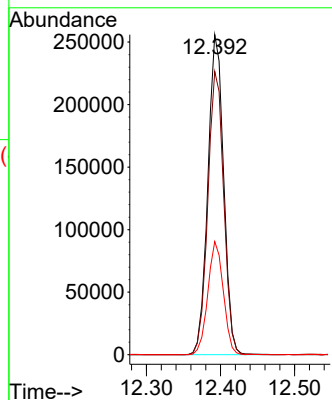
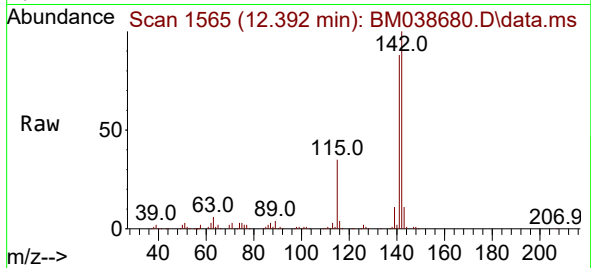




#37
2-Methylnaphthalene
Concen: 40.279 ng
RT: 12.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

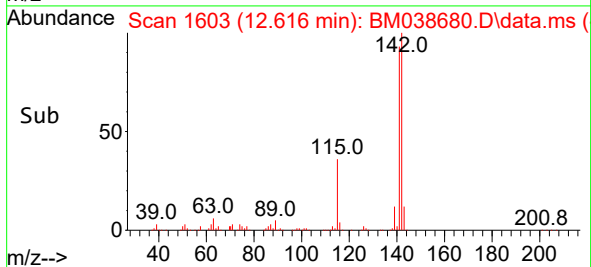
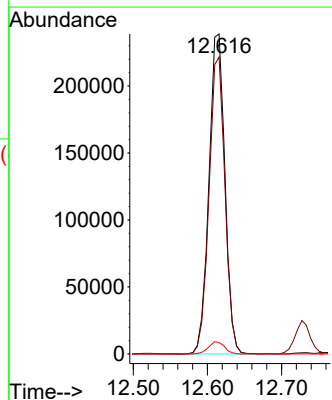
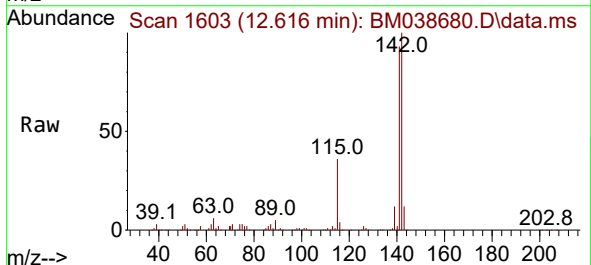
Instrument :
BNA_M
ClientSampleId :
PB150629BS

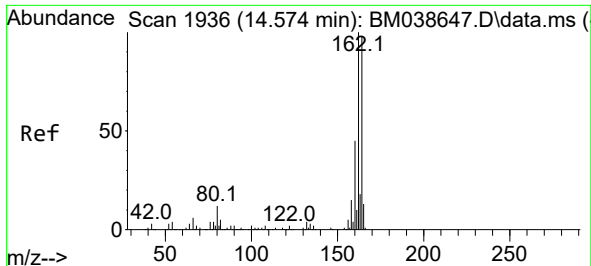
Tgt Ion:142 Resp: 378371
Ion Ratio Lower Upper
142 100
141 88.5 71.8 107.8
115 35.4 28.7 43.1



#38
1-Methylnaphthalene
Concen: 40.476 ng
RT: 12.616 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:142 Resp: 358277
Ion Ratio Lower Upper
142 100
141 92.7 75.5 113.3
116 3.5 3.1 4.7

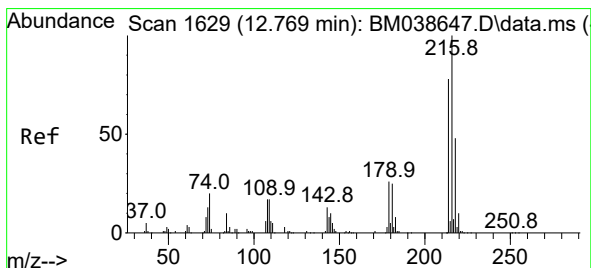
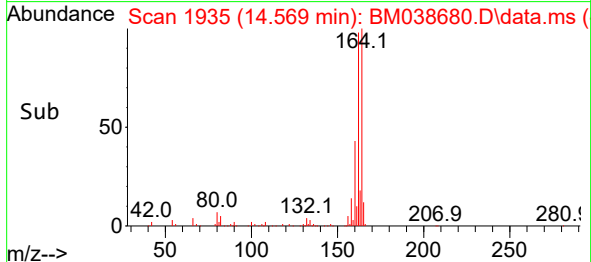
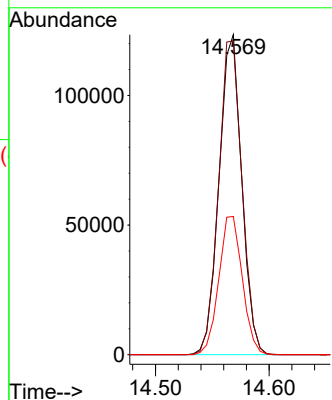
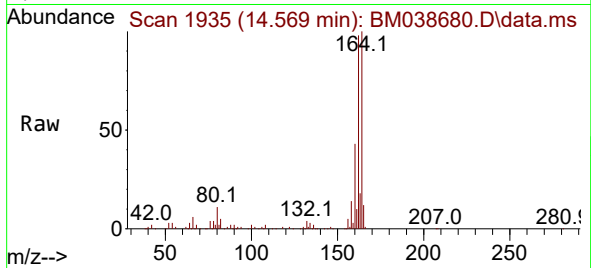




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

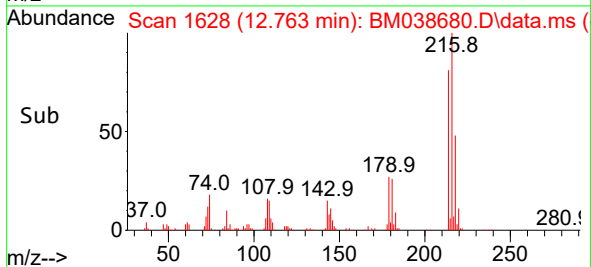
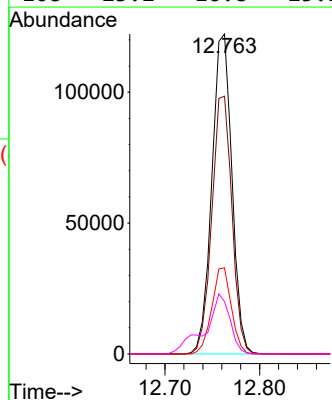
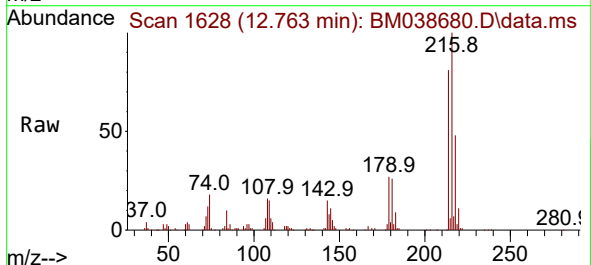
Instrument :
BNA_M
ClientSampleId :
PB150629BS

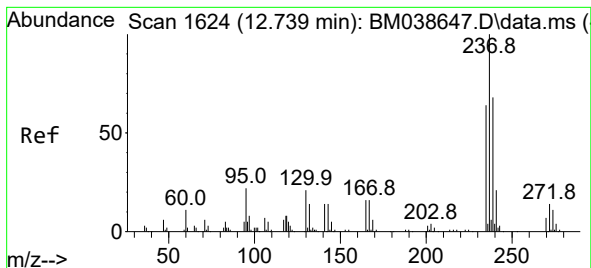
Tgt Ion:164 Resp: 171187
Ion Ratio Lower Upper
164 100
162 98.0 81.4 122.0
160 43.2 36.5 54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.447 ng
RT: 12.763 min Scan# 1628
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:216 Resp: 180198
Ion Ratio Lower Upper
216 100
214 80.8 63.4 95.0
179 26.3 21.0 31.4
108 23.2 16.8 25.2

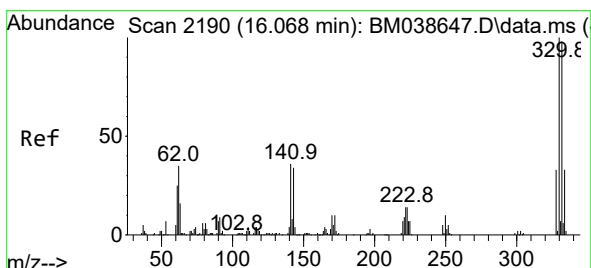
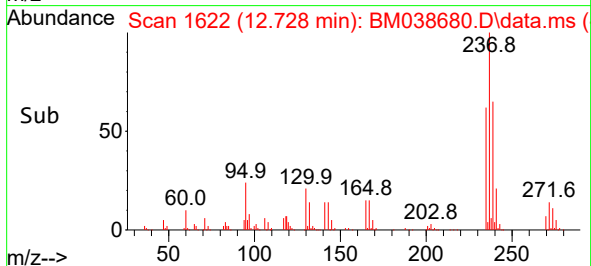
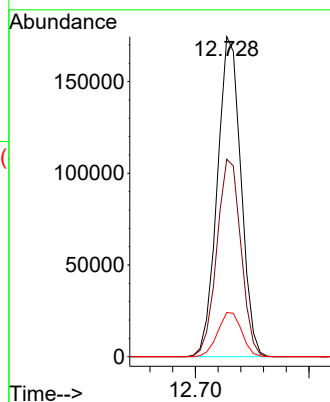
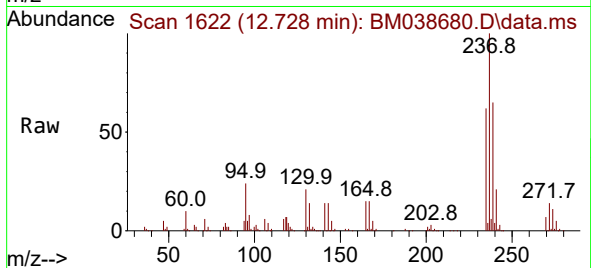




#41
Hexachlorocyclopentadiene
Concen: 91.241 ng
RT: 12.728 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

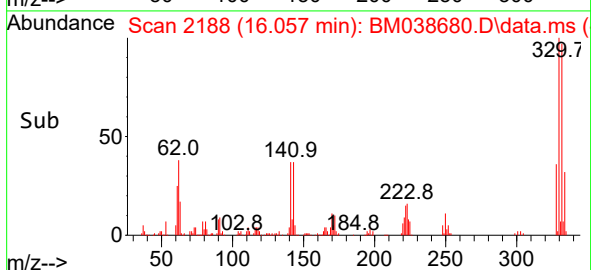
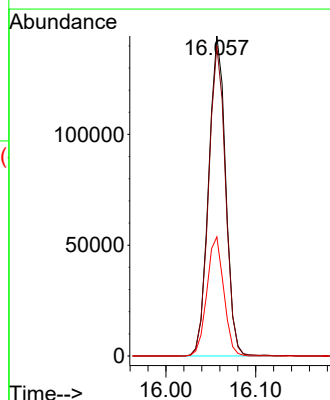
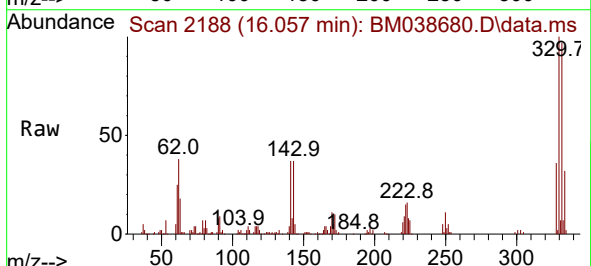
Instrument :
BNA_M
ClientSampleId :
PB150629BS

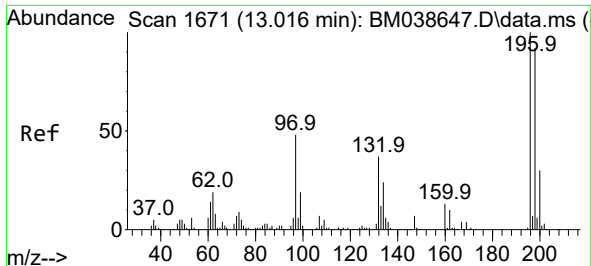
Tgt Ion:237 Resp: 252246
Ion Ratio Lower Upper
237 100
235 61.7 43.8 83.8
272 13.8 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 81.521 ng
RT: 16.057 min Scan# 2188
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:330 Resp: 189684
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 37.0 31.0 46.6

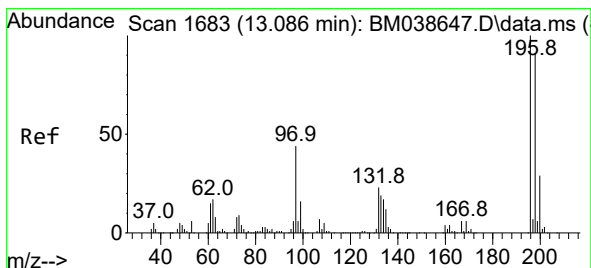
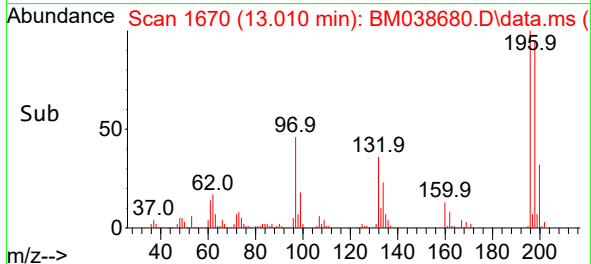
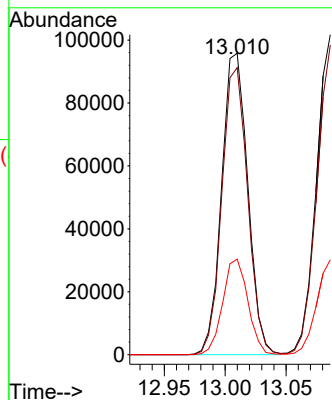
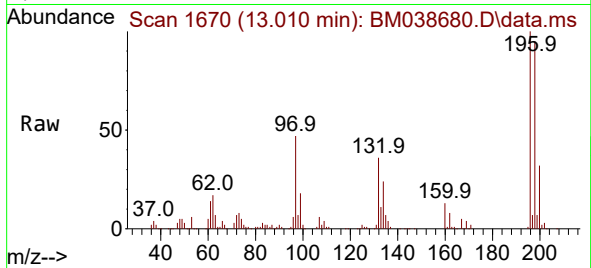




#43
2,4,6-Trichlorophenol
Concen: 40.999 ng
RT: 13.010 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

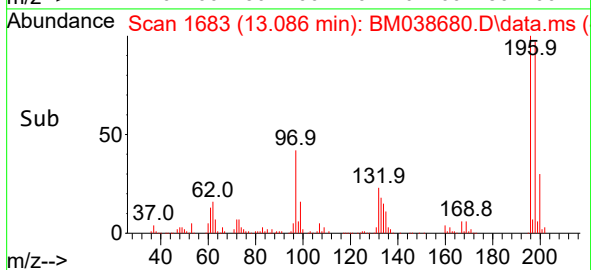
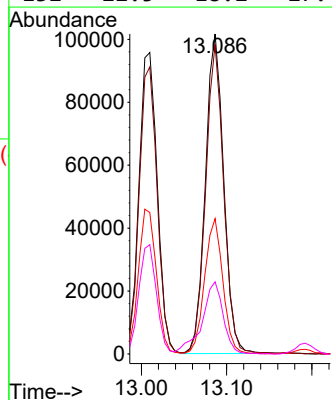
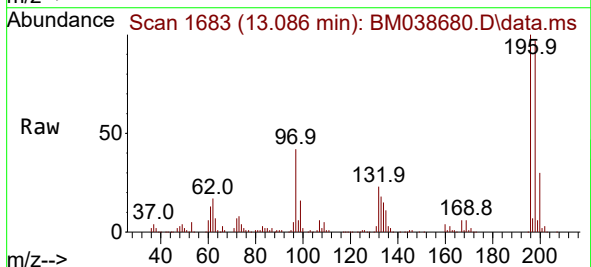
Instrument :
BNA_M
ClientSampleId :
PB150629BS

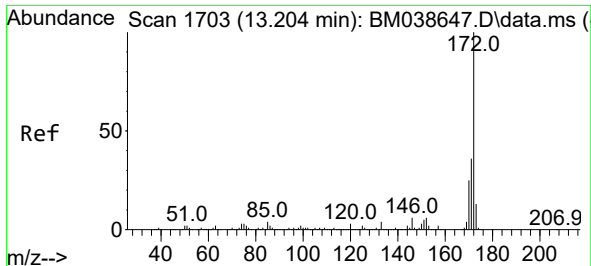
Tgt Ion:196 Resp: 143500
Ion Ratio Lower Upper
196 100
198 95.2 73.7 110.5
200 31.7 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 36.927 ng
RT: 13.086 min Scan# 1683
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:196 Resp: 152094
Ion Ratio Lower Upper
196 100
198 96.8 73.1 109.7
97 42.3 35.5 53.3
132 22.5 18.2 27.4

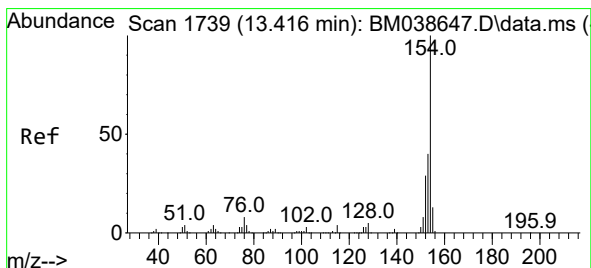
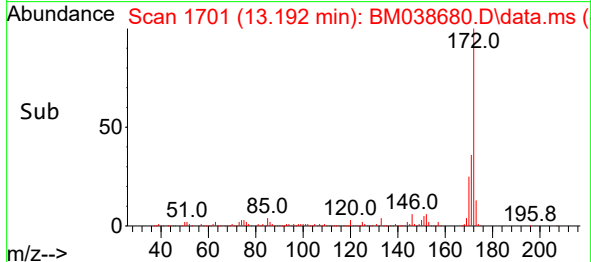
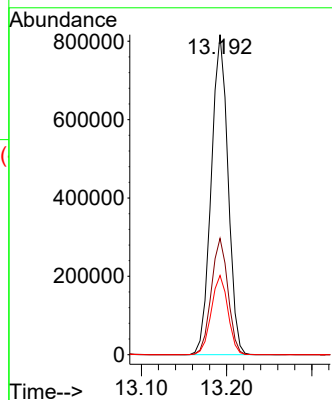
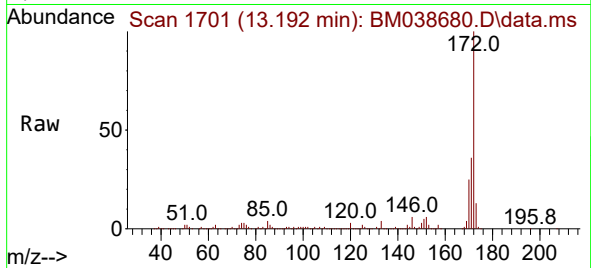




#45
2-Fluorobiphenyl
Concen: 83.284 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

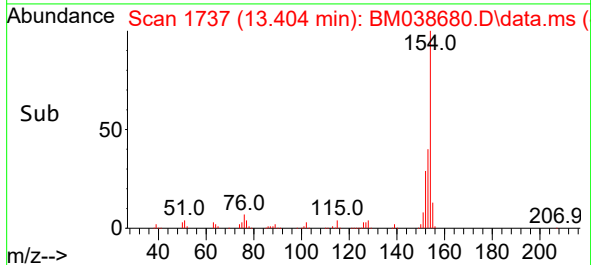
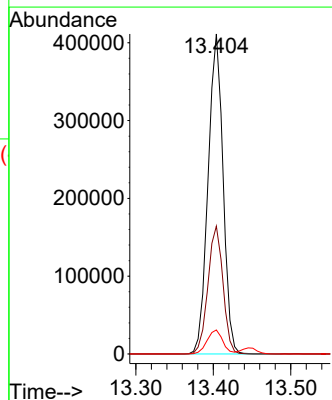
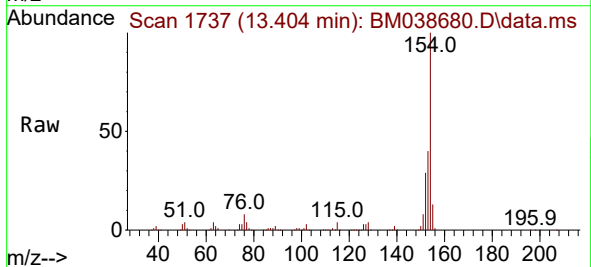
Instrument :
BNA_M
ClientSampleId :
PB150629BS

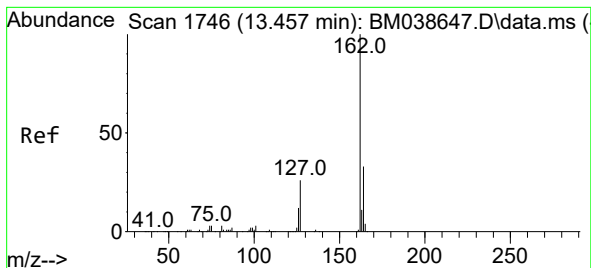
Tgt Ion:172 Resp: 1119877
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 24.8 20.0 30.0



#46
1,1'-Biphenyl
Concen: 40.704 ng
RT: 13.404 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:154 Resp: 551959
Ion Ratio Lower Upper
154 100
153 40.0 19.9 59.9
76 7.5 0.0 27.9





#47

2-Chloronaphthalene

Concen: 41.537 ng

RT: 13.445 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

Instrument :

BNA_M

ClientSampleId :

PB150629BS

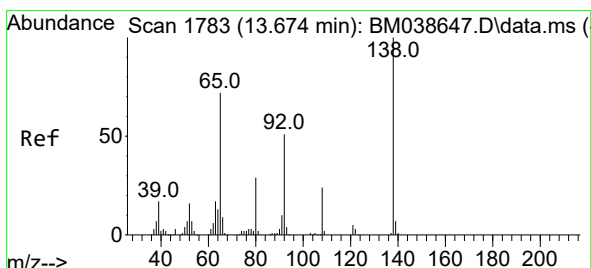
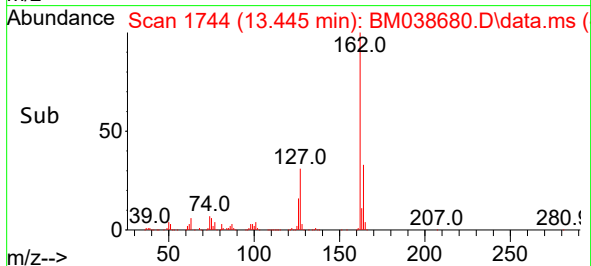
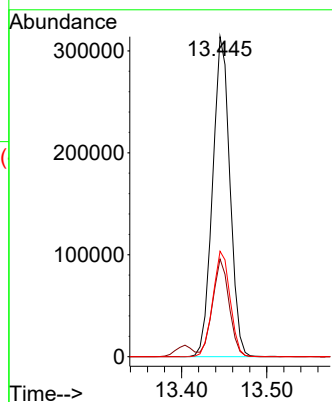
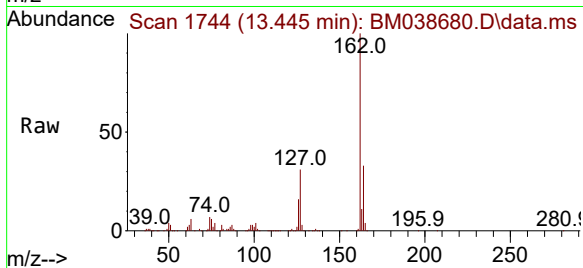
Tgt Ion:162 Resp: 443226

Ion Ratio Lower Upper

162 100

127 30.6 23.6 35.4

164 33.0 26.7 40.1



#48

2-Nitroaniline

Concen: 34.763 ng

RT: 13.663 min Scan# 1781

Delta R.T. -0.000 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

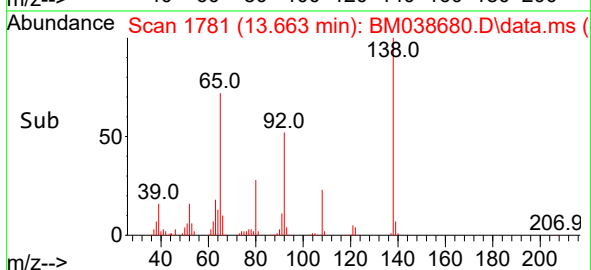
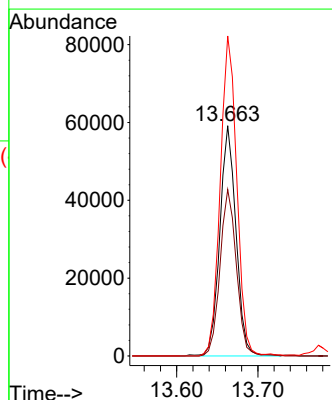
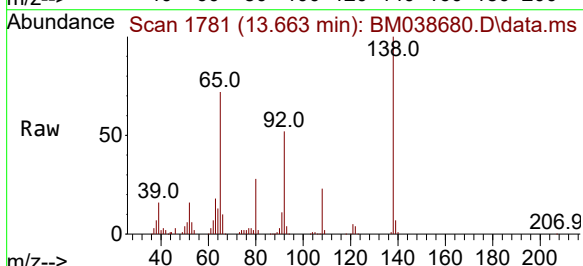
Tgt Ion: 65 Resp: 82205

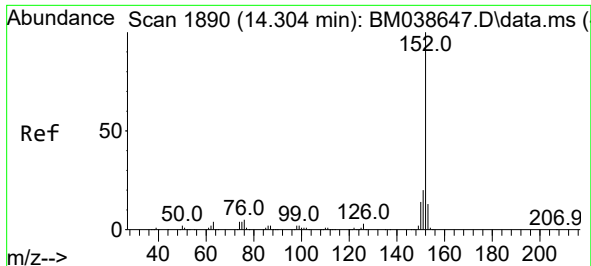
Ion Ratio Lower Upper

65 100

92 72.3 55.9 83.9

138 139.0 110.6 166.0

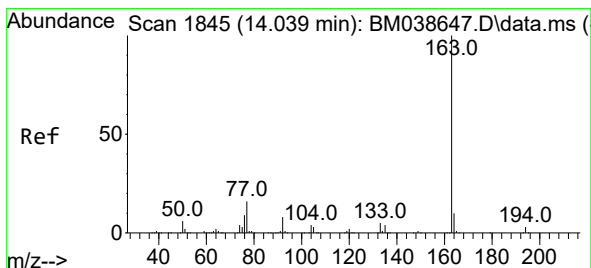
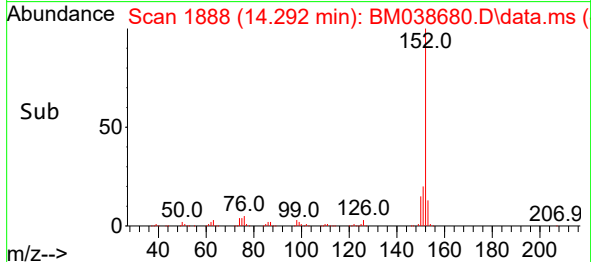
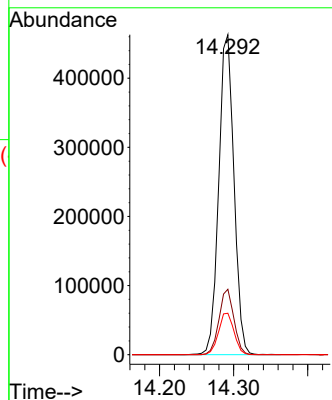
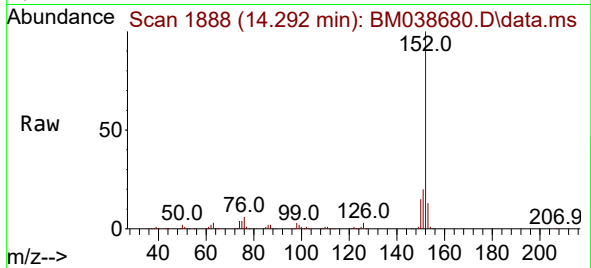




#49
Acenaphthylene
Concen: 39.239 ng
RT: 14.292 min Scan# 1888
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

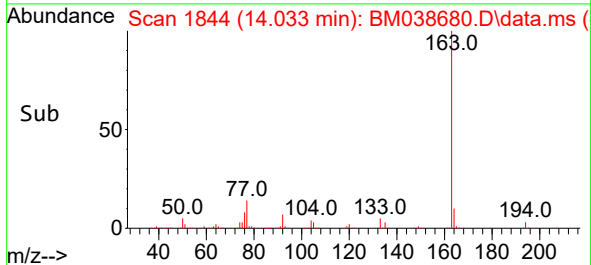
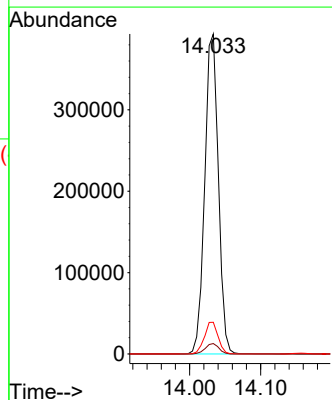
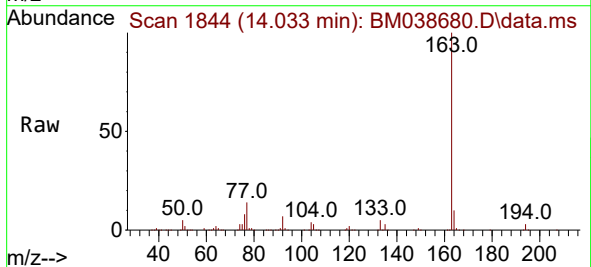
Instrument :
BNA_M
ClientSampleId :
PB150629BS

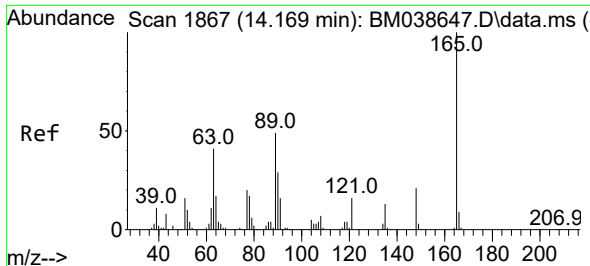
Tgt Ion:152 Resp: 659481
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.0 10.0 15.0



#50
Dimethylphthalate
Concen: 37.527 ng
RT: 14.033 min Scan# 1844
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:163 Resp: 524239
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.9 8.2 12.4

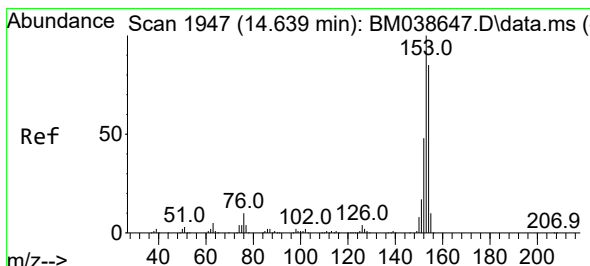
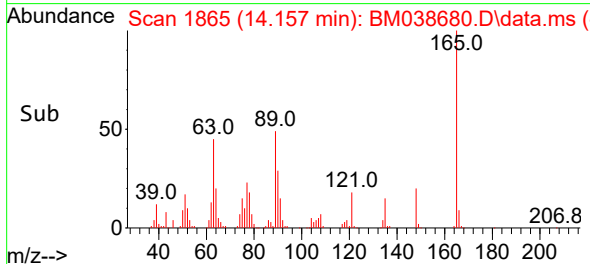
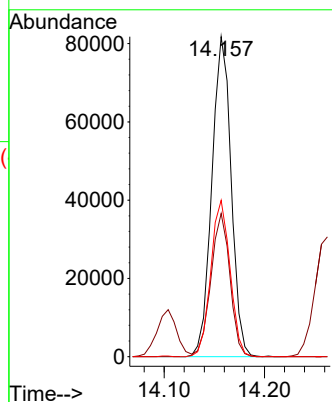
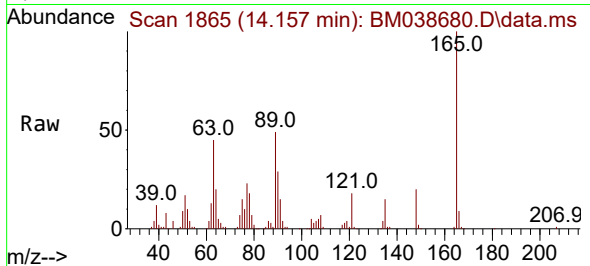




#51
2,6-Dinitrotoluene
Concen: 38.525 ng
RT: 14.157 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

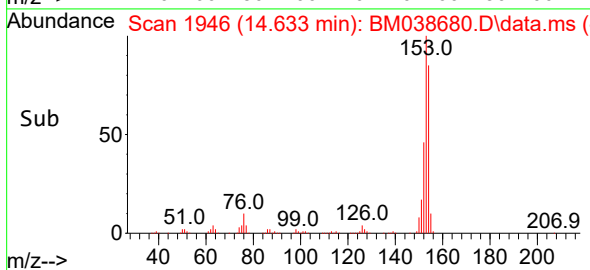
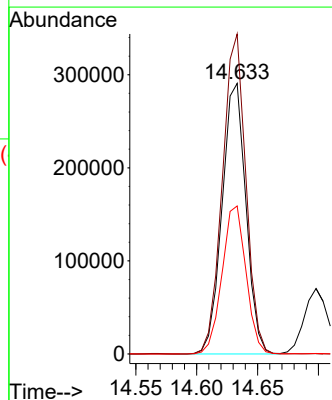
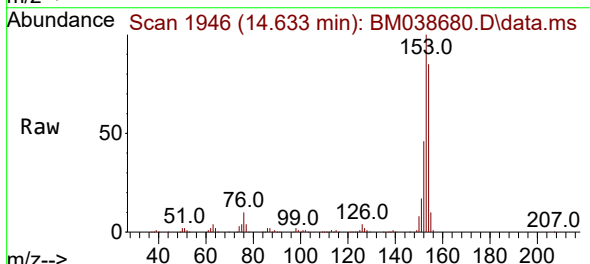
Instrument :
BNA_M
ClientSampleId :
PB150629BS

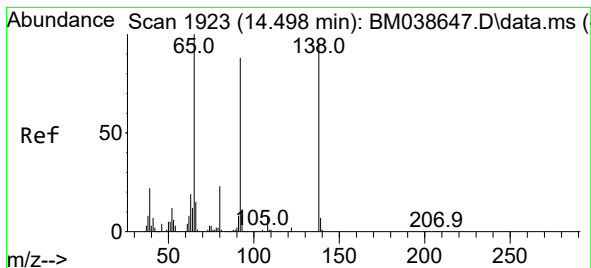
Tgt Ion:165 Resp: 109386
Ion Ratio Lower Upper
165 100
63 44.8 35.8 53.8
89 48.8 39.3 58.9



#52
Acenaphthene
Concen: 39.564 ng
RT: 14.633 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:154 Resp: 397035
Ion Ratio Lower Upper
154 100
153 118.3 93.7 140.5
152 54.7 44.6 67.0

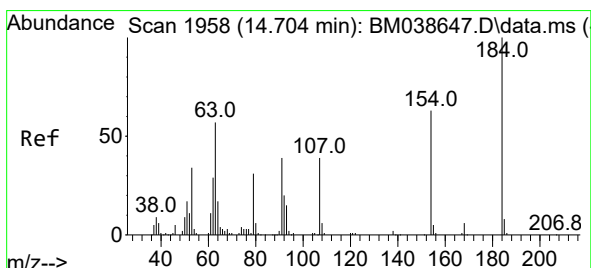
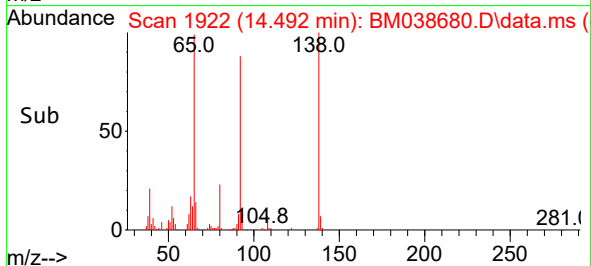
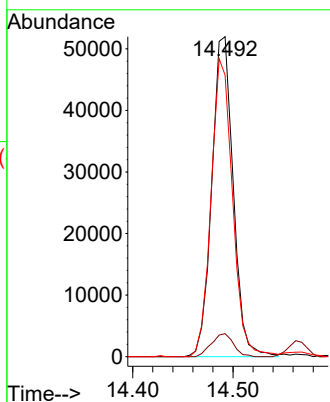
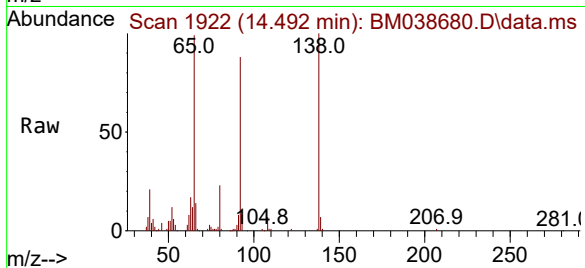




#53
3-Nitroaniline
Concen: 26.708 ng
RT: 14.492 min Scan# 1922
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

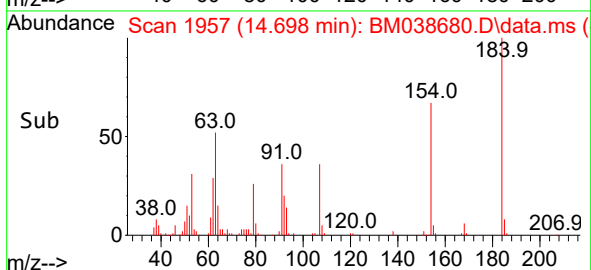
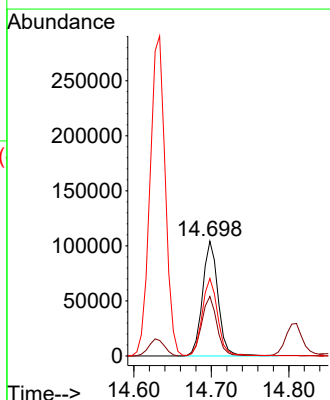
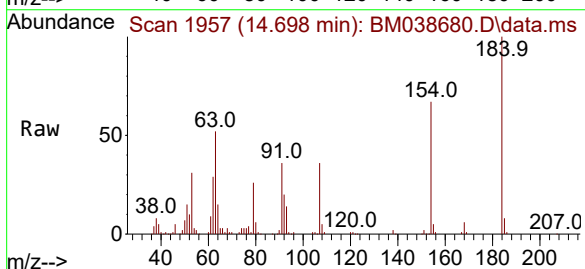
Instrument :
BNA_M
ClientSampleId :
PB150629BS

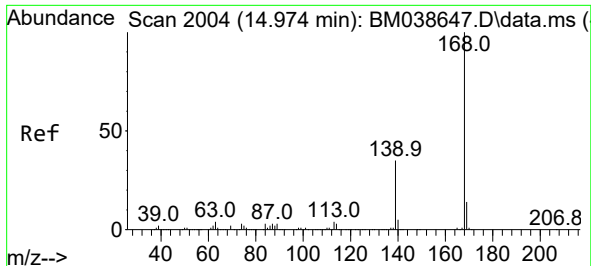
Tgt Ion:138 Resp: 77144
Ion Ratio Lower Upper
138 100
108 7.2 5.8 8.8
92 88.0 73.9 110.9



#54
2,4-Dinitrophenol
Concen: 78.614 ng
RT: 14.698 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:184 Resp: 145287
Ion Ratio Lower Upper
184 100
63 51.8 45.9 68.9
154 67.5 54.9 82.3

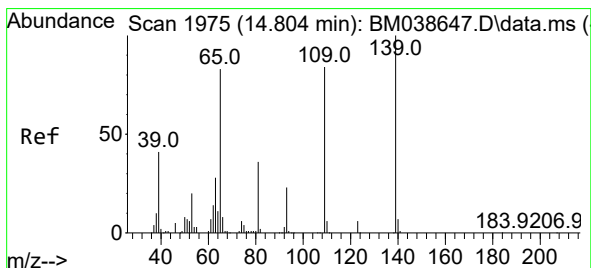
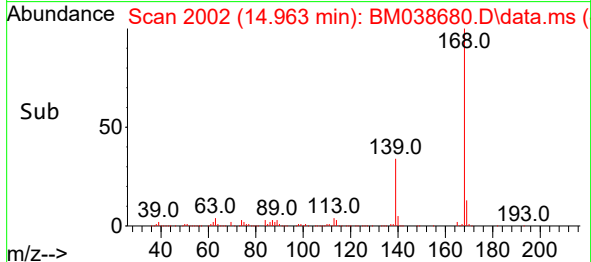
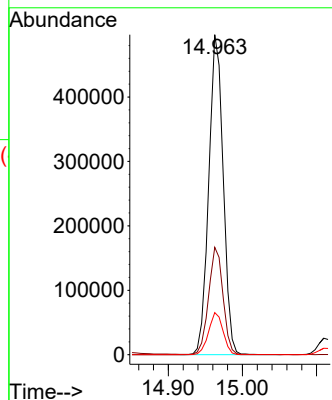
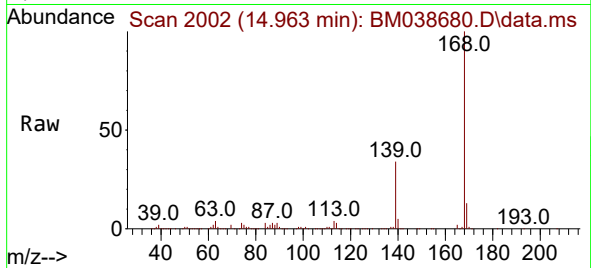




#55
Dibenzofuran
Concen: 38.876 ng
RT: 14.963 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

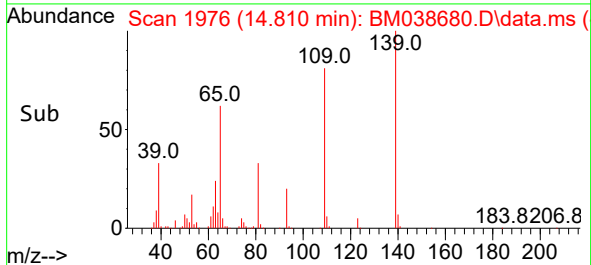
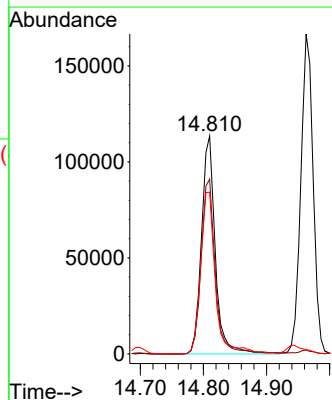
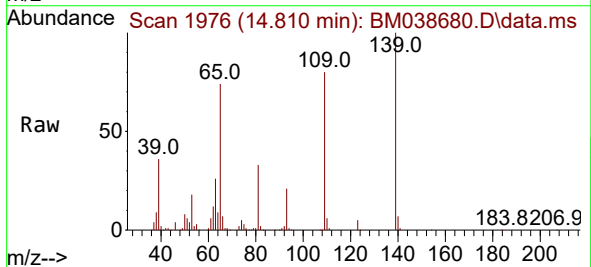
Instrument :
BNA_M
ClientSampleId :
PB150629BS

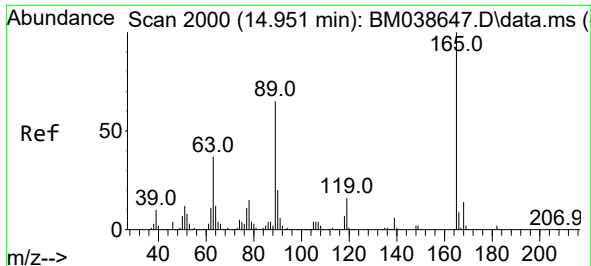
Tgt Ion:168 Resp: 671817
Ion Ratio Lower Upper
168 100
139 33.5 27.8 41.6
169 13.1 10.9 16.3



#56
4-Nitrophenol
Concen: 75.912 ng
RT: 14.810 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:139 Resp: 172865
Ion Ratio Lower Upper
139 100
109 80.1 63.8 103.8
65 74.2 62.5 102.5





#57

2,4-Dinitrotoluene

Concen: 36.602 ng

RT: 14.945 min Scan# 1999

Delta R.T. -0.000 min

Lab File: BM038680.D

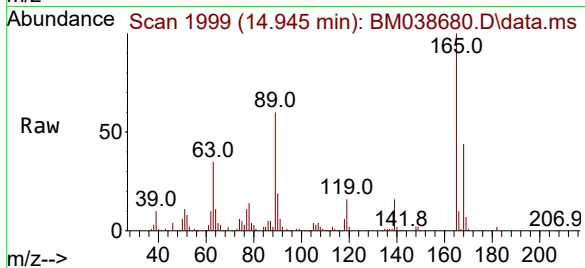
Acq: 03 Feb 2023 14:43

Instrument :

BNA_M

ClientSampleId :

PB150629BS



Tgt Ion:165 Resp: 151667

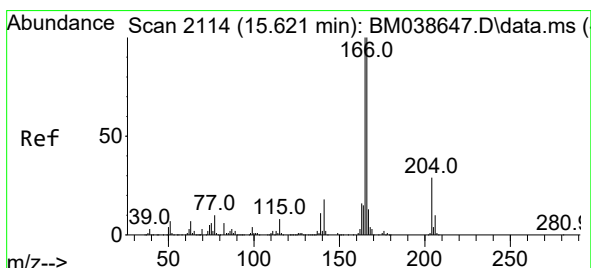
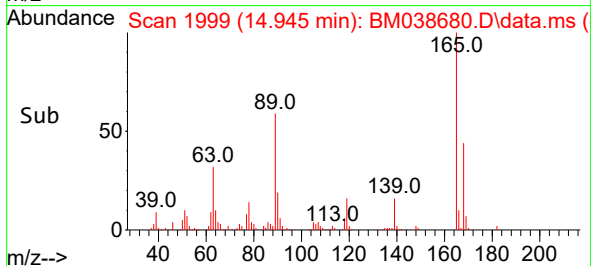
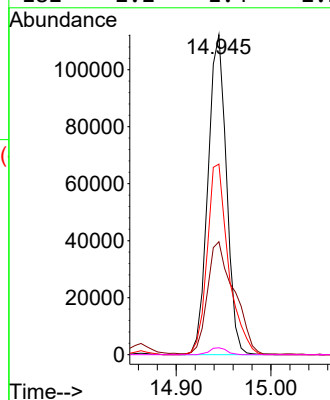
Ion Ratio Lower Upper

165 100

63 35.3 29.4 44.0

89 59.6 51.8 77.6

182 2.2 1.4 2.2#



#58

Fluorene

Concen: 39.607 ng

RT: 15.616 min Scan# 2113

Delta R.T. 0.006 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

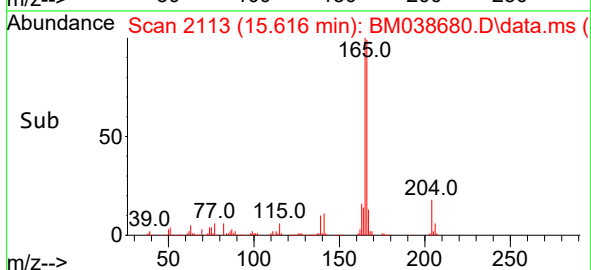
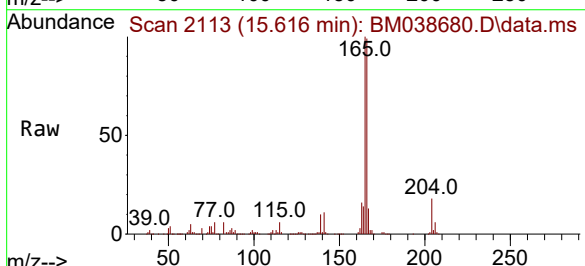
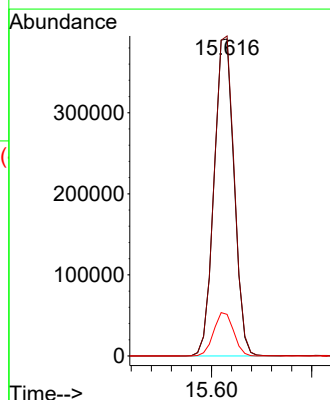
Tgt Ion:166 Resp: 541572

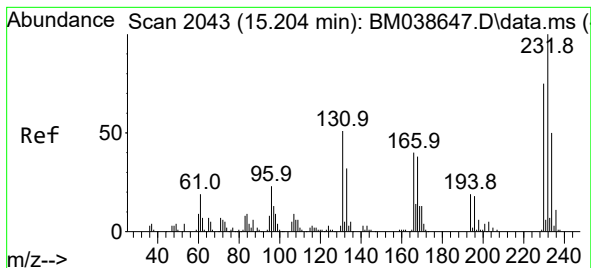
Ion Ratio Lower Upper

166 100

165 100.9 80.2 120.4

167 13.1 10.7 16.1

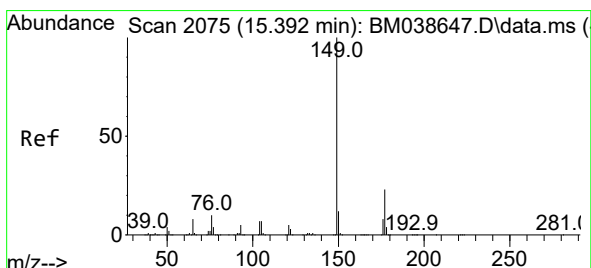
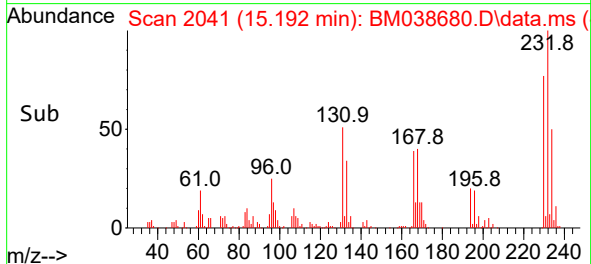
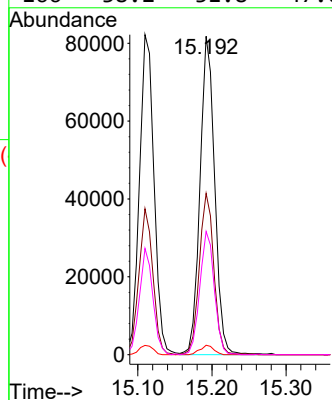
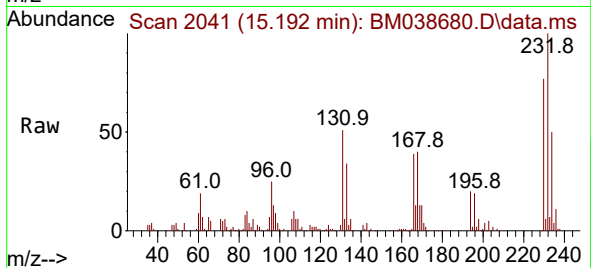




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.393 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

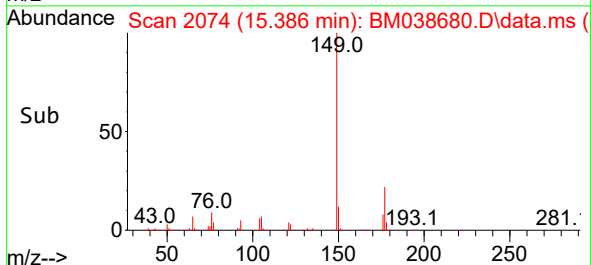
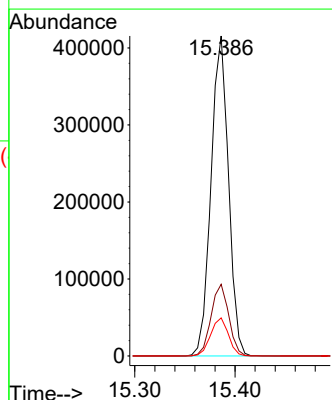
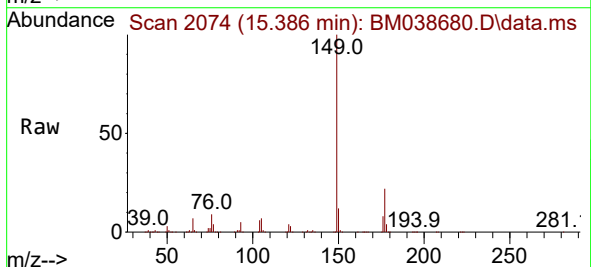
Instrument :
BNA_M
ClientSampleId :
PB150629BS

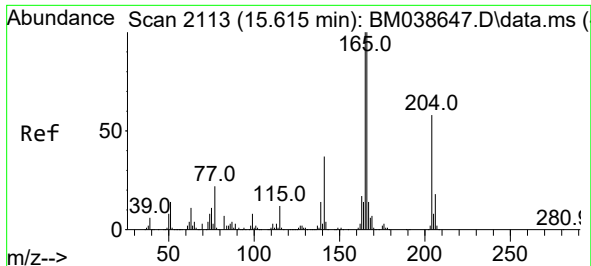
Tgt Ion:232 Resp: 112924
Ion Ratio Lower Upper
232 100
131 50.0 41.2 61.8
130 2.8 2.4 3.6
166 38.2 31.8 47.6



#60
Diethylphthalate
Concen: 37.895 ng
RT: 15.386 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:149 Resp: 501506
Ion Ratio Lower Upper
149 100
177 22.4 18.1 27.1
150 11.9 10.0 15.0

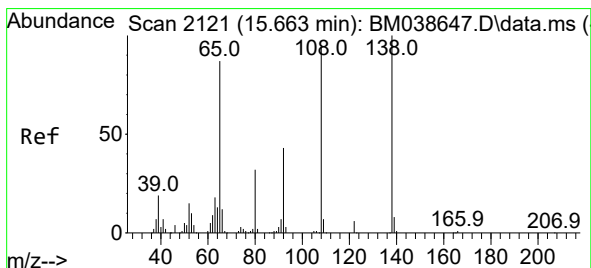
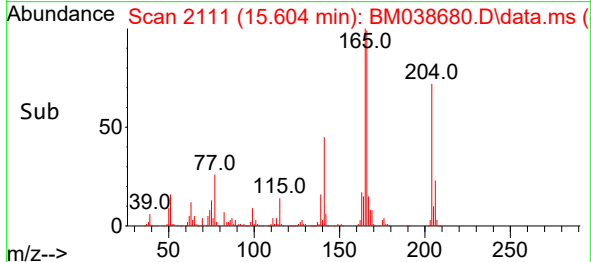
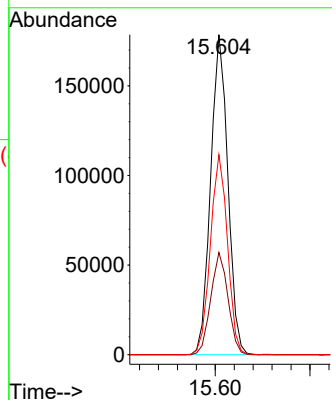
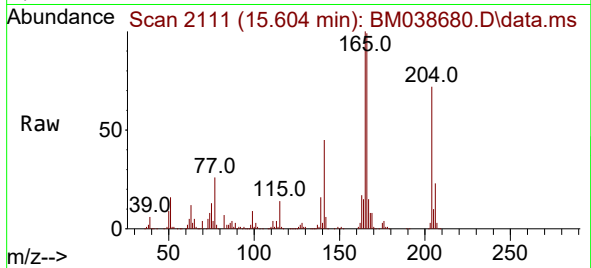




#61
4-Chlorophenyl-phenylether
Concen: 38.669 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

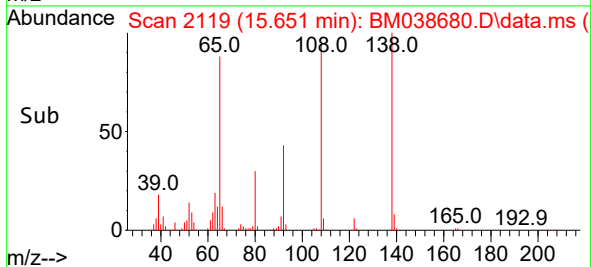
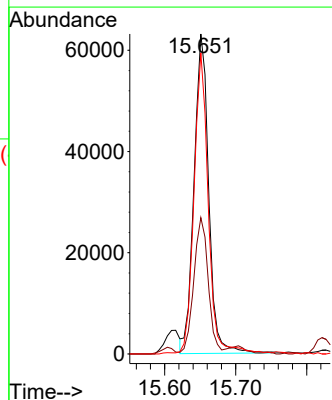
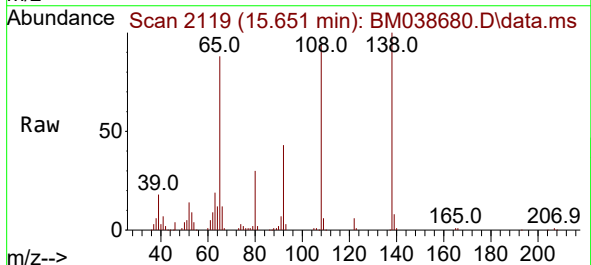
Instrument :
BNA_M
ClientSampleId :
PB150629BS

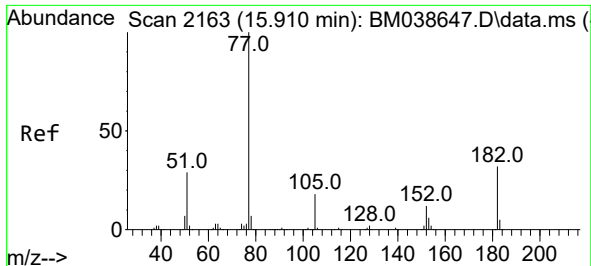
Tgt Ion:204 Resp: 224310
Ion Ratio Lower Upper
204 100
206 32.0 25.3 37.9
141 62.5 51.3 76.9



#62
4-Nitroaniline
Concen: 30.566 ng
RT: 15.651 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:138 Resp: 91105
Ion Ratio Lower Upper
138 100
92 42.6 23.4 63.4
108 94.1 75.1 115.1

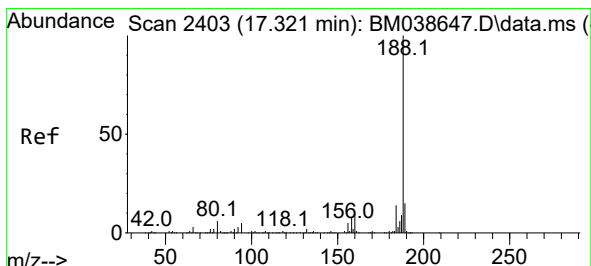
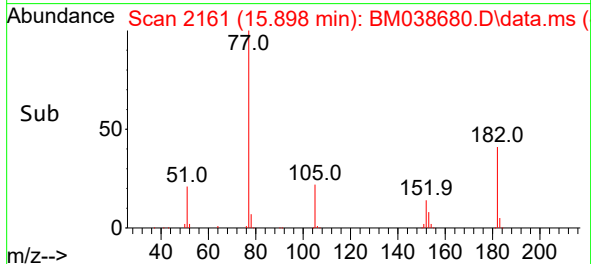
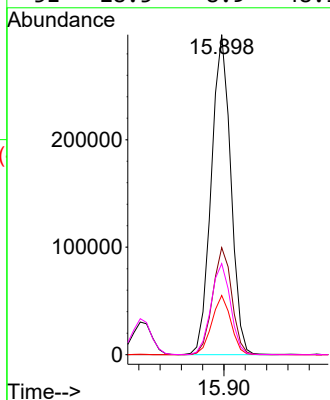
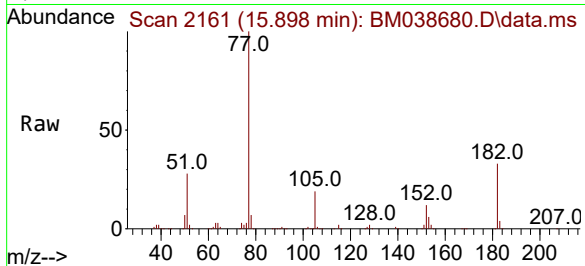




#63
Azobenzene
Concen: 37.072 ng
RT: 15.898 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

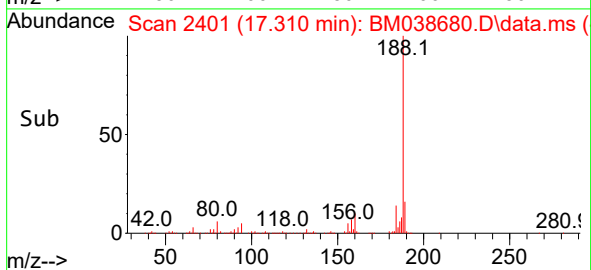
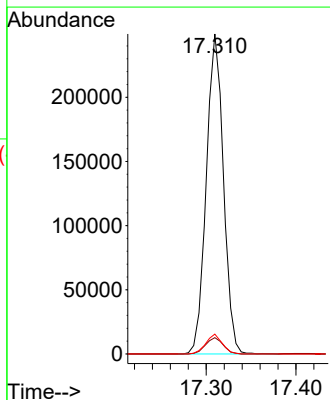
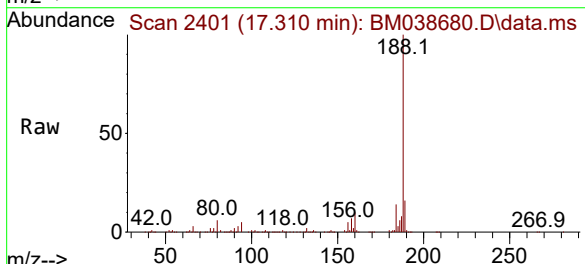
Instrument :
BNA_M
ClientSampleId :
PB150629BS

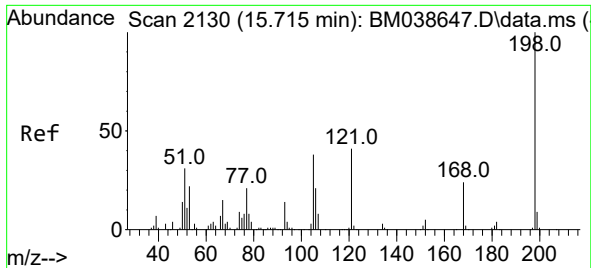
Tgt Ion: 77	Resp: 377468
Ion Ratio	Lower Upper
77 100	
182 33.4	12.0 52.0
105 18.5	0.0 37.5
51 28.5	8.9 48.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:188	Resp: 330861
Ion Ratio	Lower Upper
188 100	
94 5.1	4.2 6.4
80 6.2	4.6 7.0

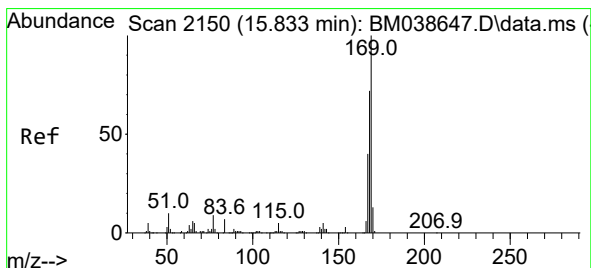
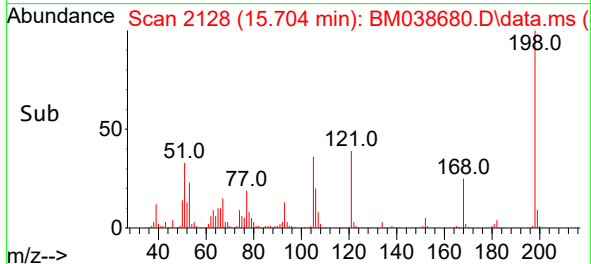
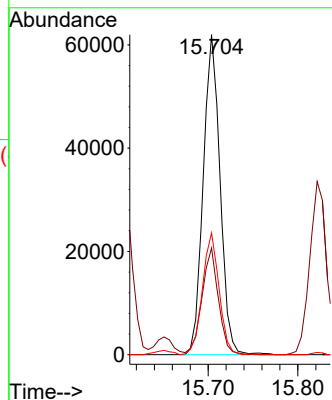
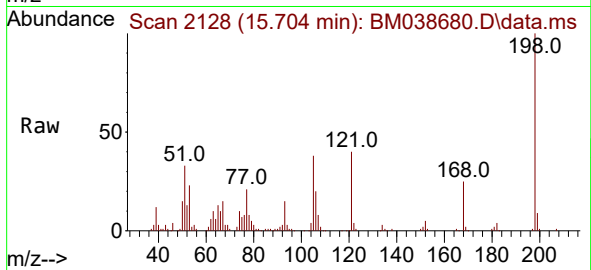




#65
4,6-Dinitro-2-methylphenol
Concen: 38.749 ng
RT: 15.704 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

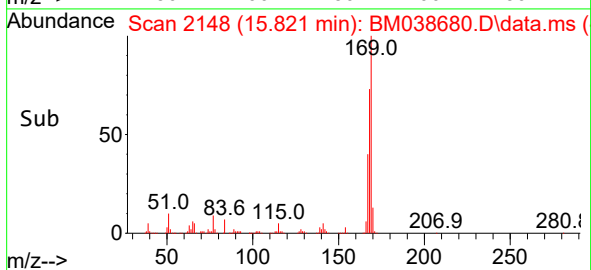
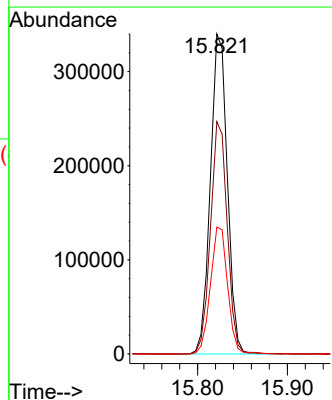
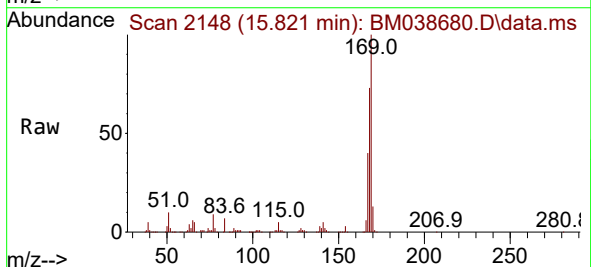
Instrument :
BNA_M
ClientSampleId :
PB150629BS

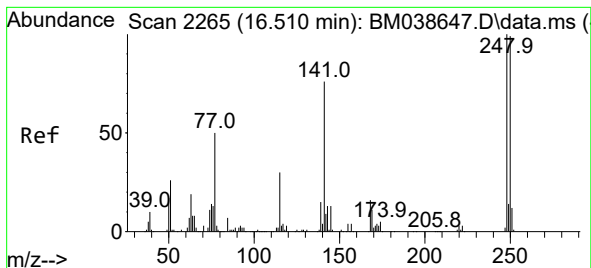
Tgt Ion:198 Resp: 80709
Ion Ratio Lower Upper
198 100
51 33.3 13.0 53.0
105 38.0 17.9 57.9



#66
n-Nitrosodiphenylamine
Concen: 41.281 ng
RT: 15.821 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:169 Resp: 445970
Ion Ratio Lower Upper
169 100
168 72.6 57.6 86.4
167 39.7 32.3 48.5

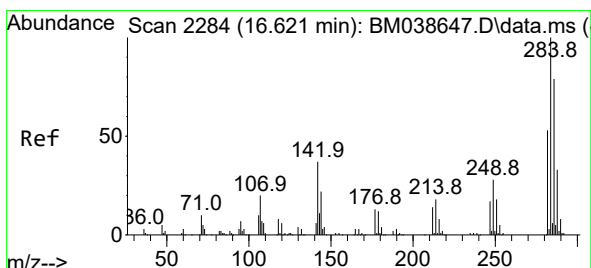
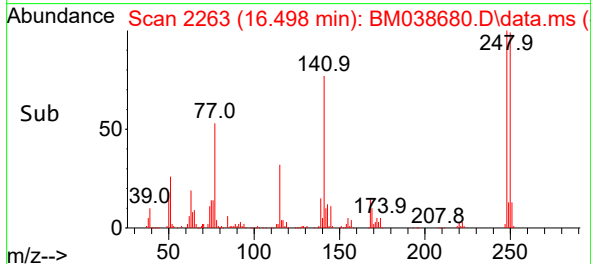
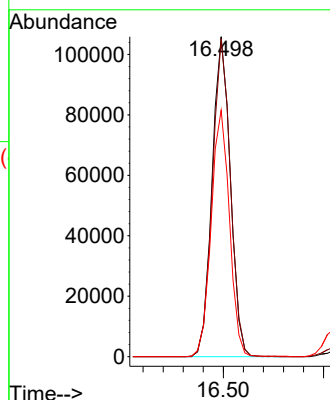
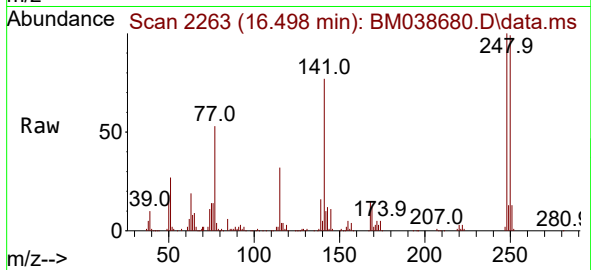




#67
4-Bromophenyl-phenylether
Concen: 41.843 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

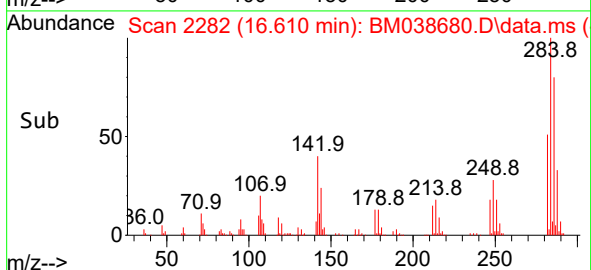
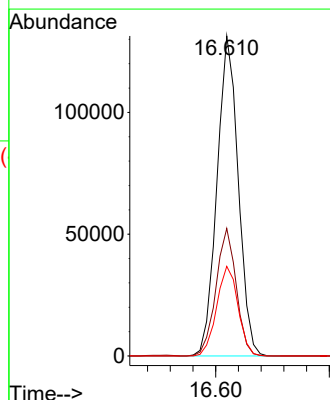
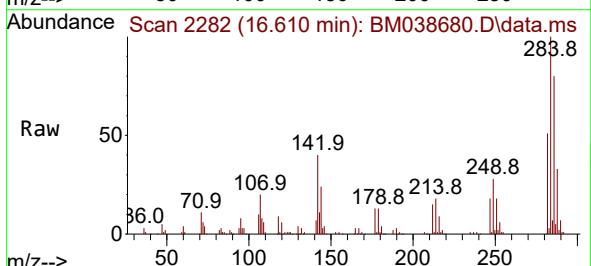
Instrument :
BNA_M
ClientSampleId :
PB150629BS

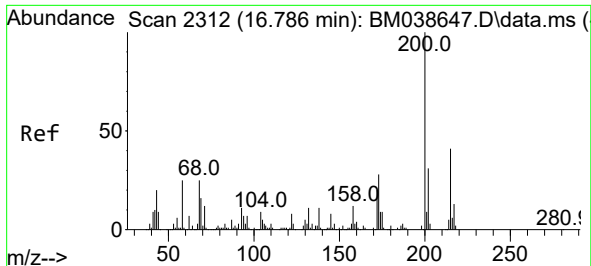
Tgt Ion:248 Resp: 133676
Ion Ratio Lower Upper
248 100
250 99.4 79.4 119.2
141 77.0 61.0 91.6



#68
Hexachlorobenzene
Concen: 43.697 ng
RT: 16.610 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:284 Resp: 170606
Ion Ratio Lower Upper
284 100
142 39.8 29.8 44.6
249 28.0 22.2 33.4

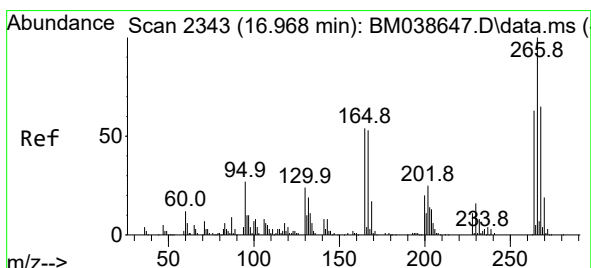
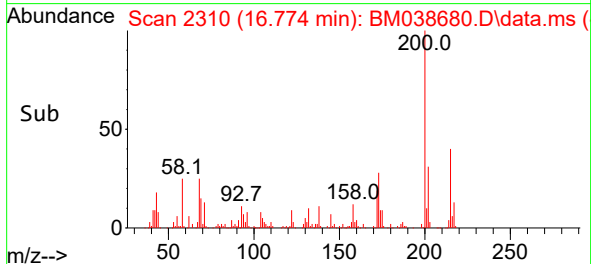
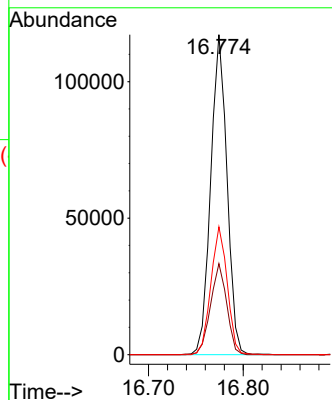
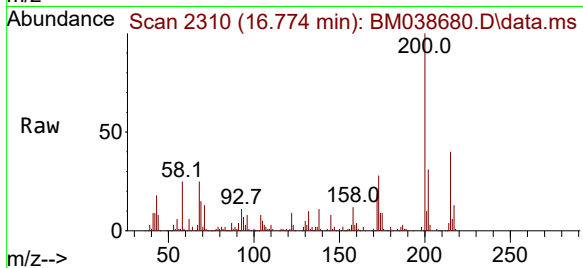




#69
 Atrazine
 Concen: 44.636 ng
 RT: 16.774 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM038680.D
 Acq: 03 Feb 2023 14:43

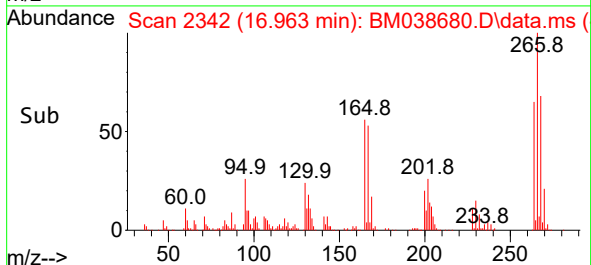
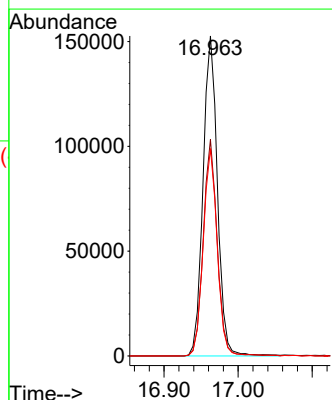
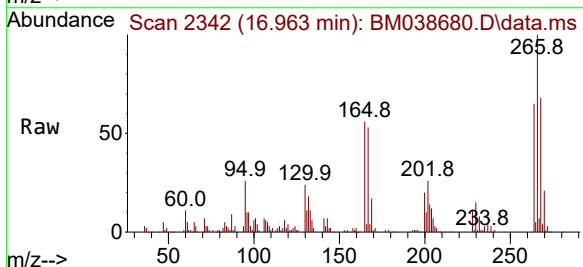
Instrument :
 BNA_M
 ClientSampleId :
 PB150629BS

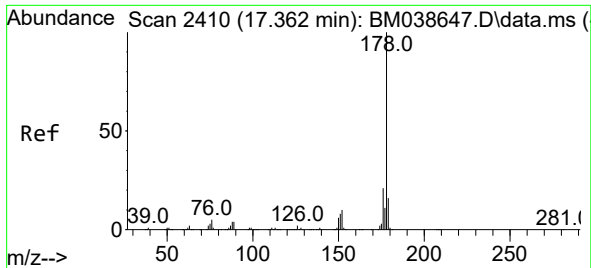
Tgt Ion:200 Resp: 139761
 Ion Ratio Lower Upper
 200 100
 173 28.5 7.9 47.9
 215 39.9 20.8 60.8



#70
 Pentachlorophenol
 Concen: 72.342 ng
 RT: 16.963 min Scan# 2342
 Delta R.T. -0.000 min
 Lab File: BM038680.D
 Acq: 03 Feb 2023 14:43

Tgt Ion:266 Resp: 205897
 Ion Ratio Lower Upper
 266 100
 268 67.7 51.8 77.6
 264 64.8 50.6 76.0

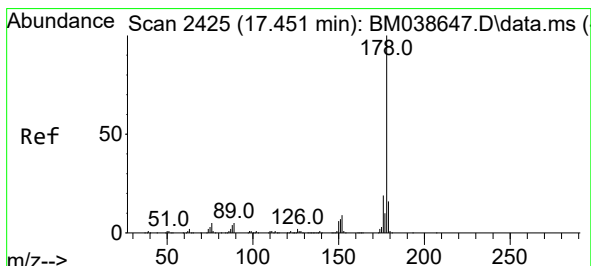
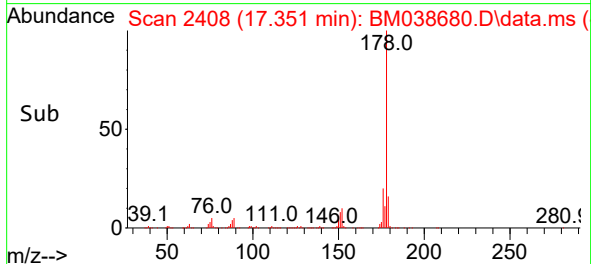
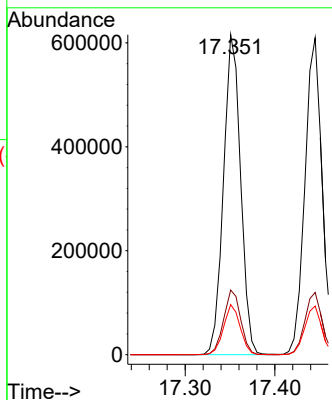
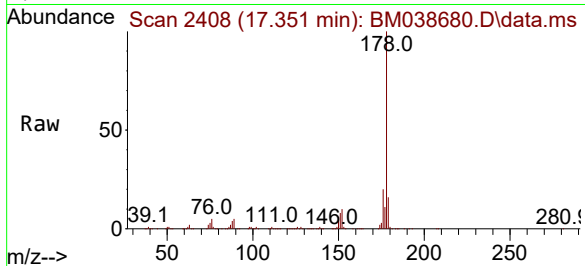




#71
Phenanthrene
Concen: 41.550 ng
RT: 17.351 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

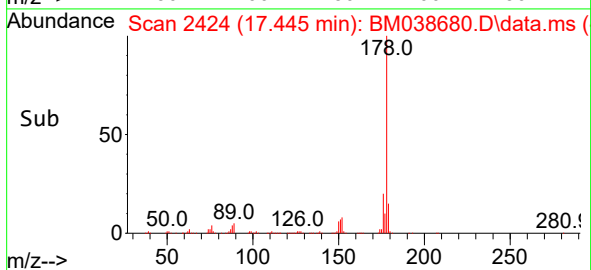
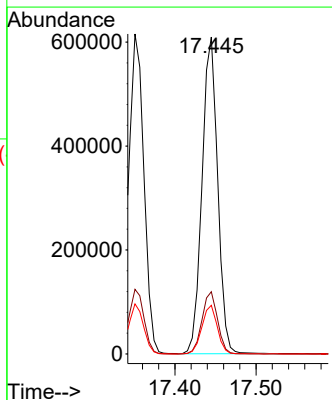
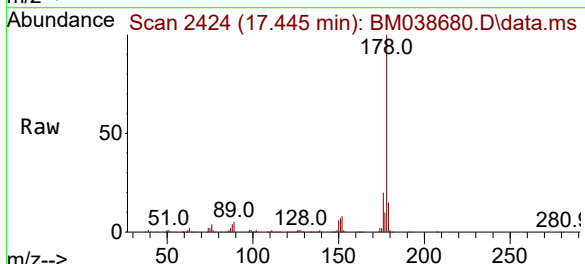
Instrument :
BNA_M
ClientSampleId :
PB150629BS

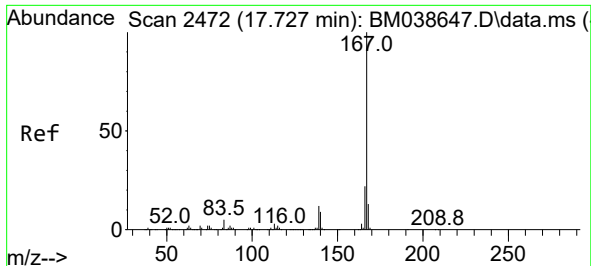
Tgt Ion:178 Resp: 816280
Ion Ratio Lower Upper
178 100
176 20.2 16.7 25.1
179 15.7 12.5 18.7



#72
Anthracene
Concen: 40.505 ng
RT: 17.445 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:178 Resp: 814060
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.3 12.4 18.6

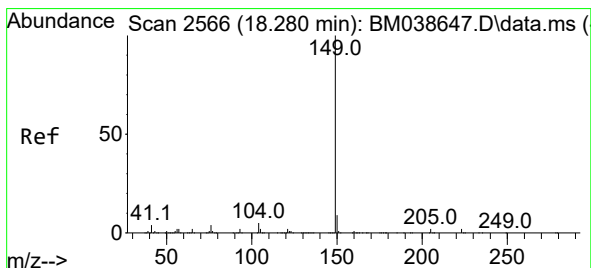
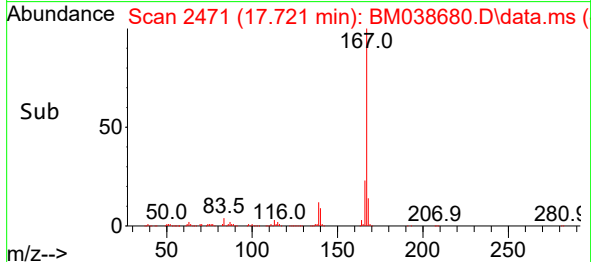
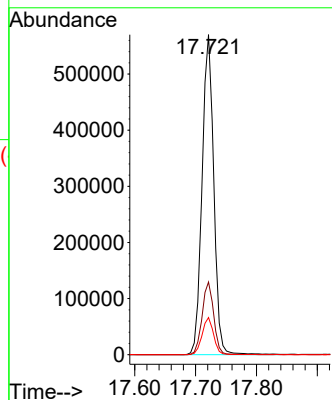
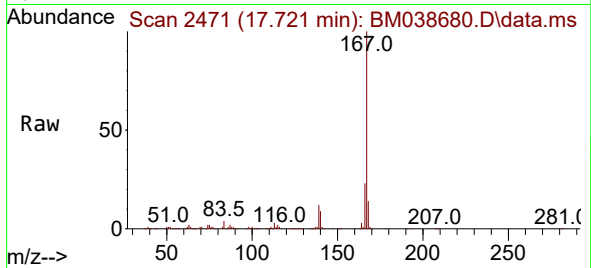




#73
 Carbazole
 Concen: 40.629 ng
 RT: 17.721 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BM038680.D
 Acq: 03 Feb 2023 14:43

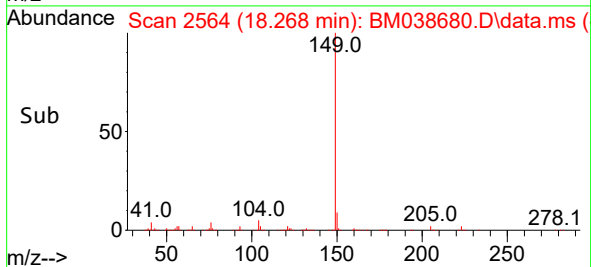
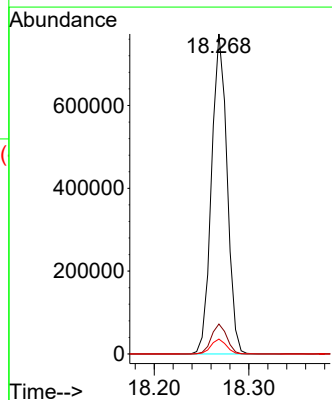
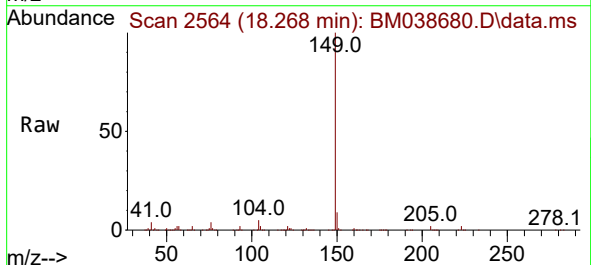
Instrument :
 BNA_M
 ClientSampleId :
 PB150629BS

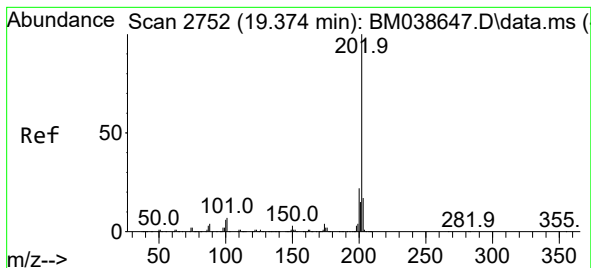
Tgt Ion:167 Resp: 761544
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.6
 139 11.6 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 41.525 ng
 RT: 18.268 min Scan# 2564
 Delta R.T. -0.000 min
 Lab File: BM038680.D
 Acq: 03 Feb 2023 14:43

Tgt Ion:149 Resp: 879349
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.6 3.8 5.6





#75

Fluoranthene

Concen: 39.465 ng

RT: 19.362 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

Instrument :

BNA_M

ClientSampleId :

PB150629BS

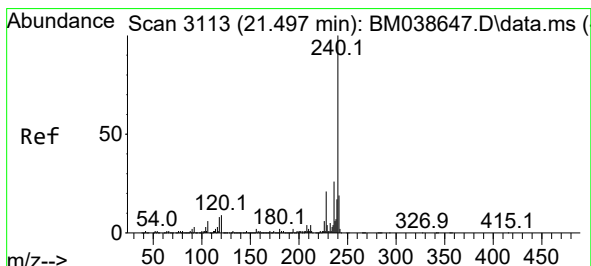
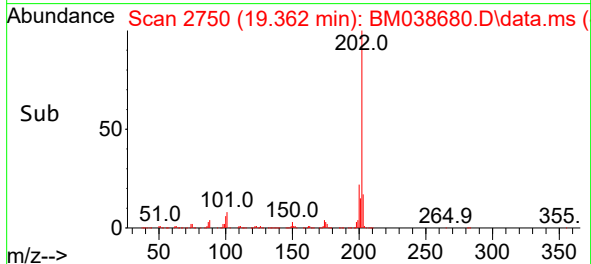
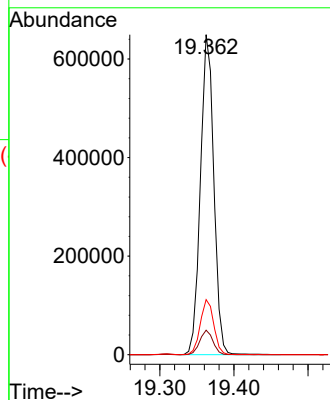
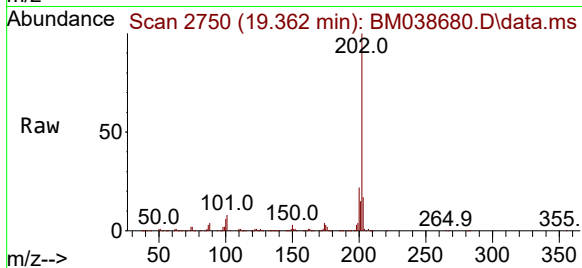
Tgt Ion:202 Resp: 814045

Ion Ratio Lower Upper

202 100

101 7.7 0.0 27.4

203 17.2 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

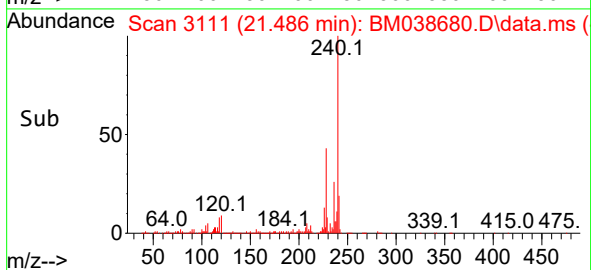
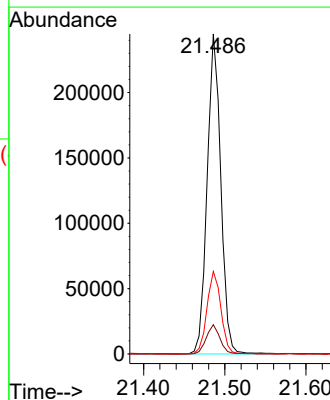
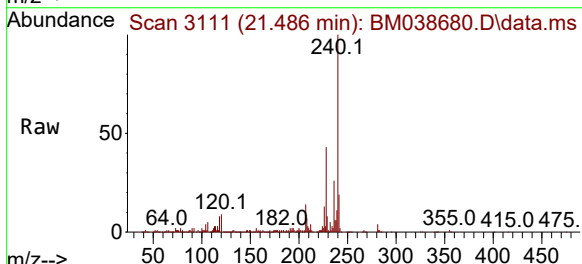
Tgt Ion:240 Resp: 284682

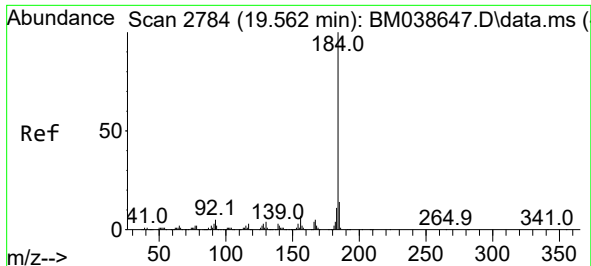
Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.4

236 25.8 20.9 31.3

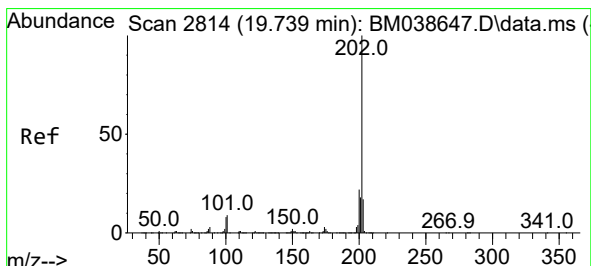
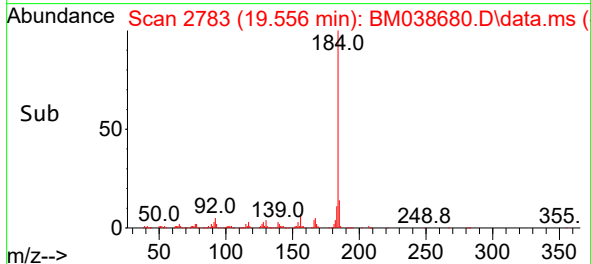
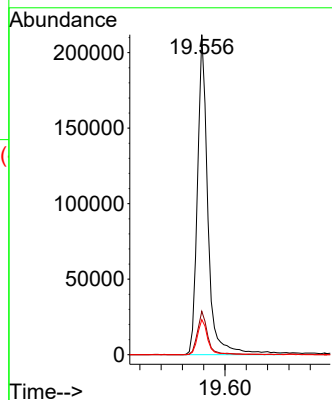
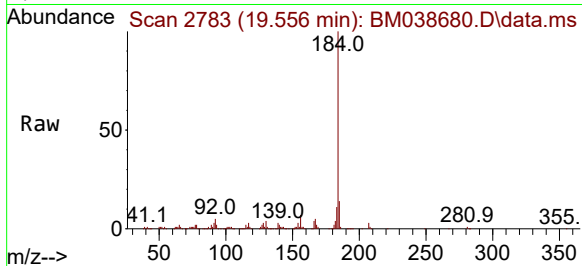




#77
Benzidine
Concen: 34.789 ng
RT: 19.556 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

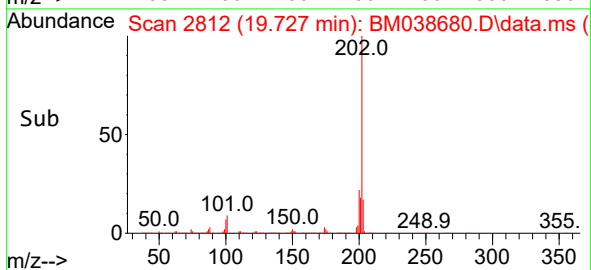
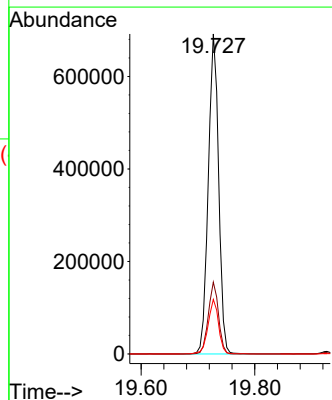
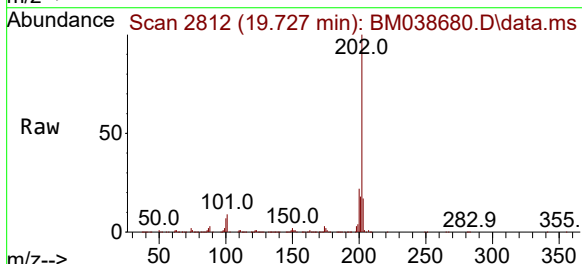
Instrument :
BNA_M
ClientSampleId :
PB150629BS

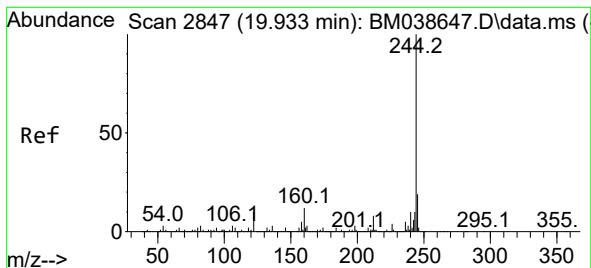
Tgt Ion:184 Resp: 289711
Ion Ratio Lower Upper
184 100
185 13.6 10.8 16.2
183 11.0 8.8 13.2



#78
Pyrene
Concen: 39.751 ng
RT: 19.727 min Scan# 2812
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:202 Resp: 871253
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.6
203 17.1 13.5 20.3





#79

Terphenyl-d14

Concen: 85.161 ng

RT: 19.927 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

Instrument :

BNA_M

ClientSampleId :

PB150629BS

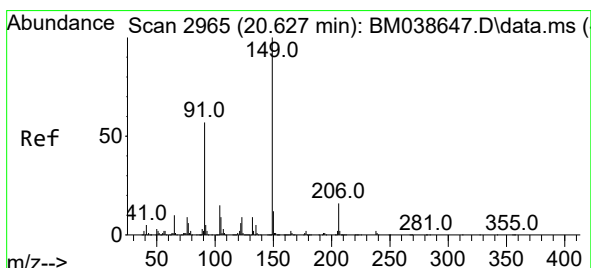
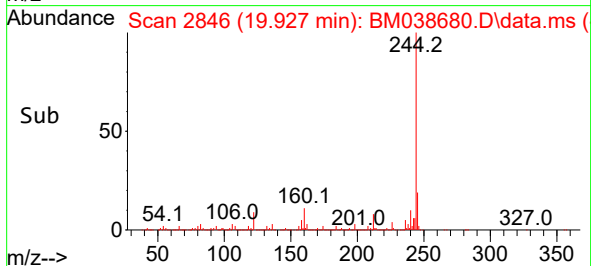
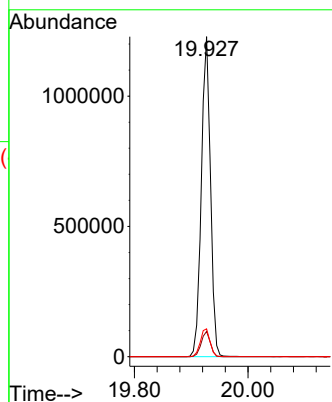
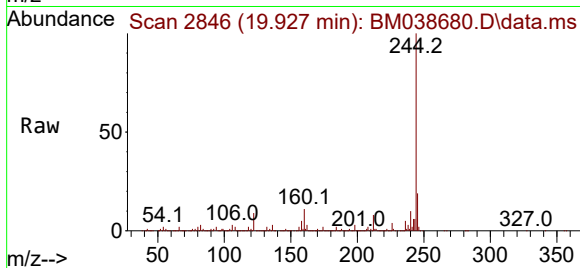
Tgt Ion:244 Resp: 1373845

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

122 8.7 7.8 11.8



#80

Butylbenzylphthalate

Concen: 37.392 ng

RT: 20.615 min Scan# 2963

Delta R.T. -0.006 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

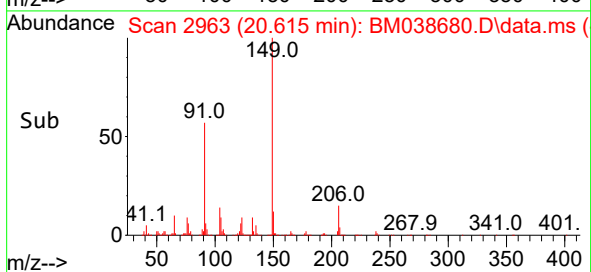
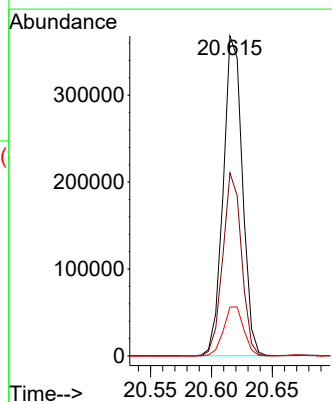
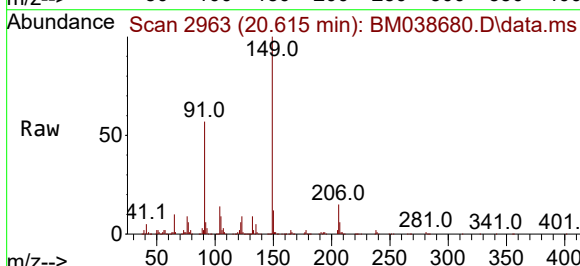
Tgt Ion:149 Resp: 403118

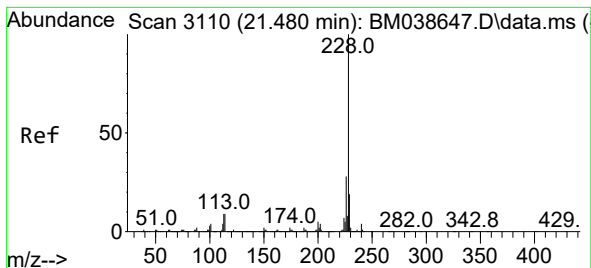
Ion Ratio Lower Upper

149 100

91 57.2 45.6 68.4

206 15.3 12.5 18.7





#81

Benzo(a)anthracene

Concen: 39.289 ng

RT: 21.468 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

Instrument :

BNA_M

ClientSampleId :

PB150629BS

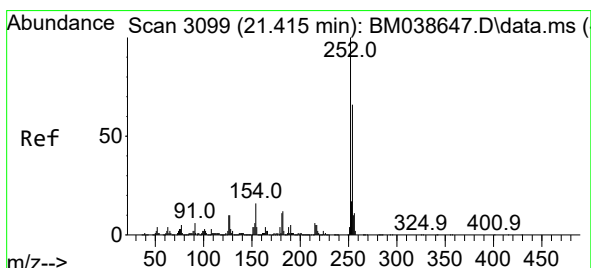
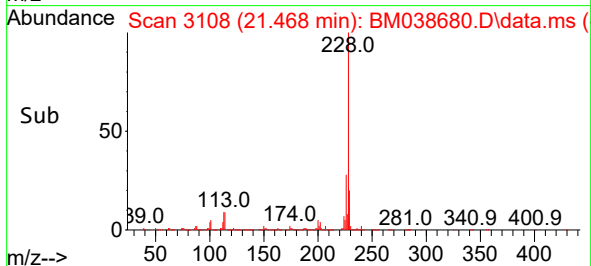
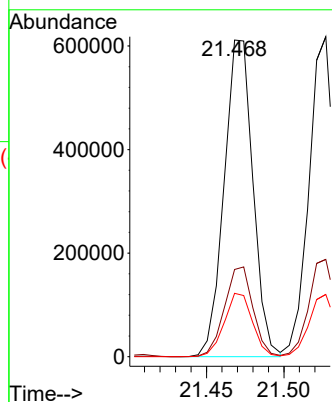
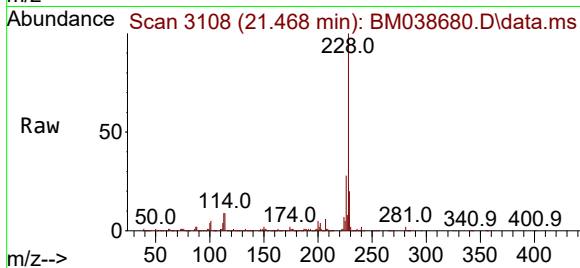
Tgt Ion:228 Resp: 791185

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

229 20.0 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 40.307 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

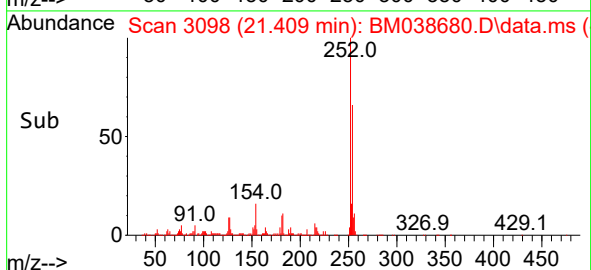
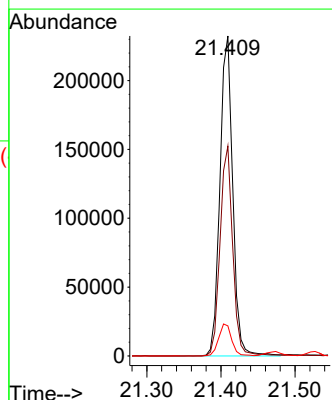
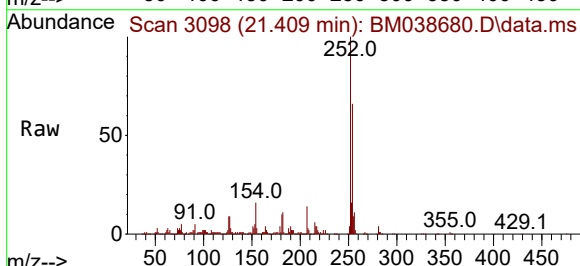
Tgt Ion:252 Resp: 279249

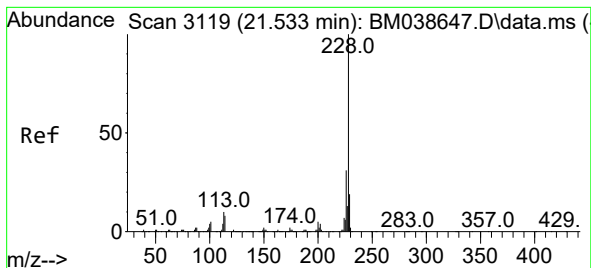
Ion Ratio Lower Upper

252 100

254 65.6 52.8 79.2

126 9.4 8.2 12.2





#83

Chrysene

Concen: 38.098 ng

RT: 21.527 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

Instrument :

BNA_M

ClientSampleId :

PB150629BS

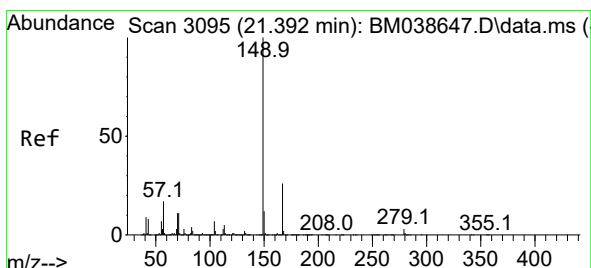
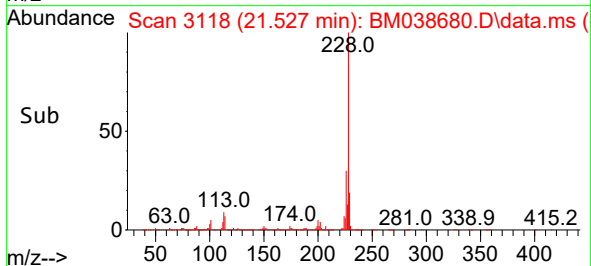
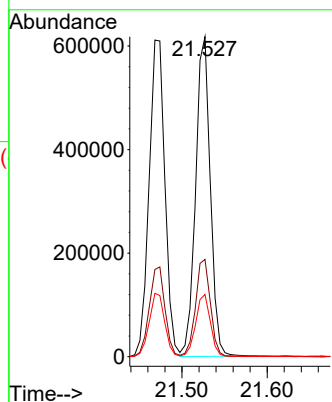
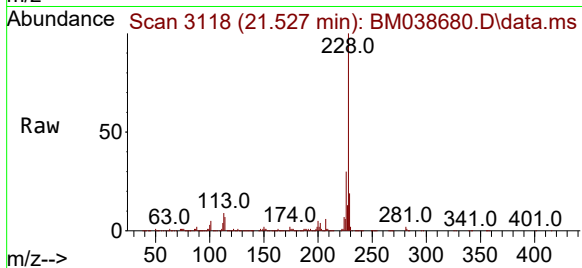
Tgt Ion:228 Resp: 739197

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.725 ng

RT: 21.386 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

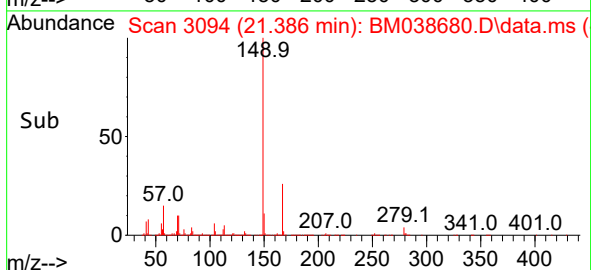
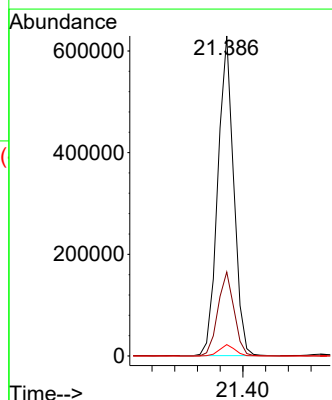
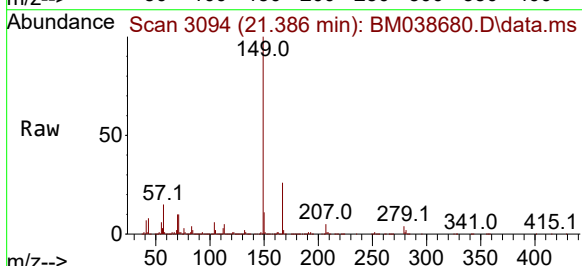
Tgt Ion:149 Resp: 610109

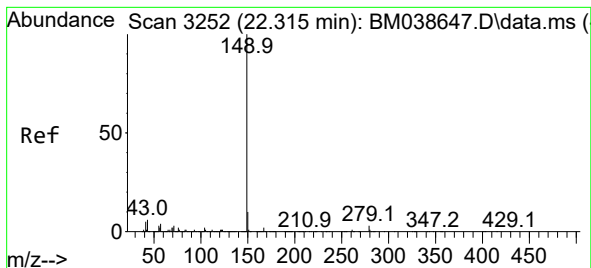
Ion Ratio Lower Upper

149 100

167 26.3 20.8 31.2

279 3.5 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 42.344 ng

RT: 22.309 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

Instrument :

BNA_M

ClientSampleId :

PB150629BS

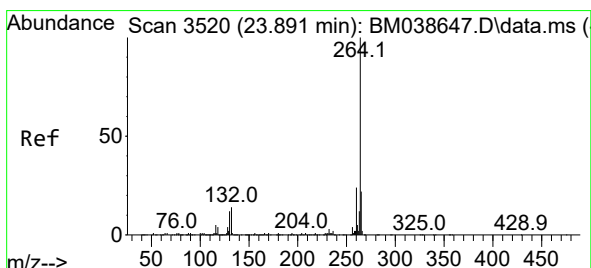
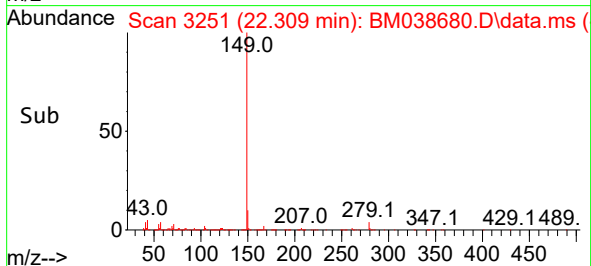
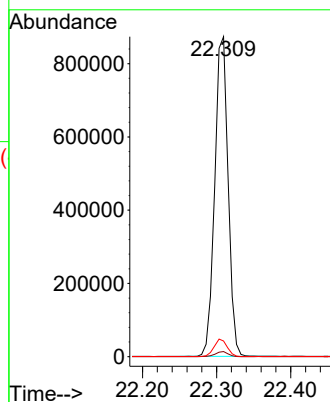
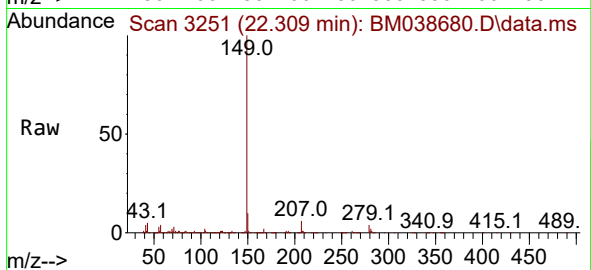
Tgt Ion:149 Resp: 1092435

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 5.4 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.880 min Scan# 3518

Delta R.T. -0.006 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

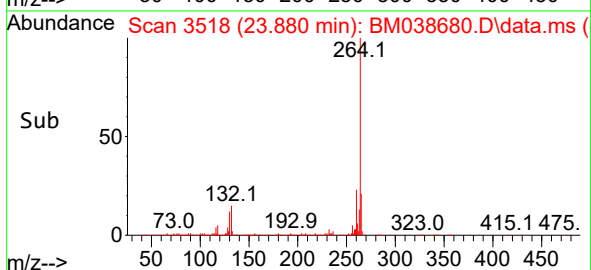
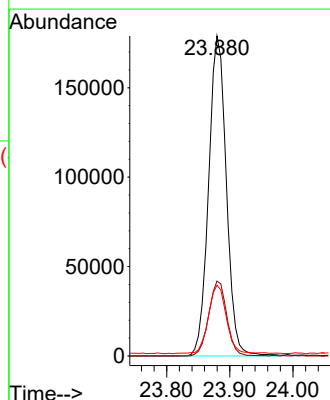
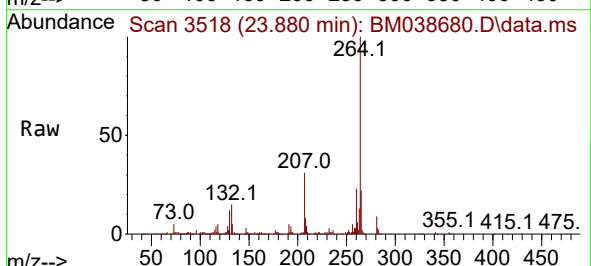
Tgt Ion:264 Resp: 349133

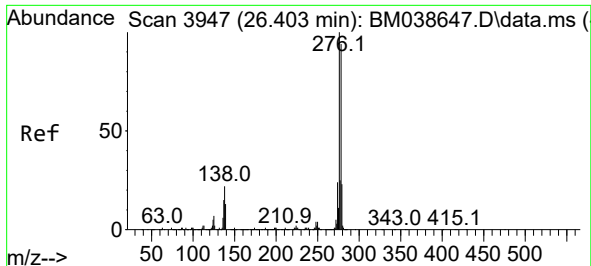
Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 22.1 17.9 26.9

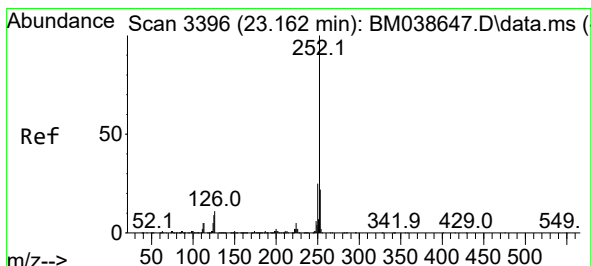
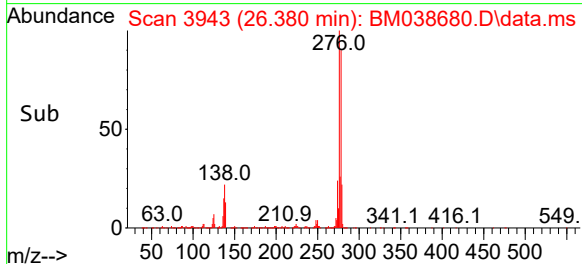
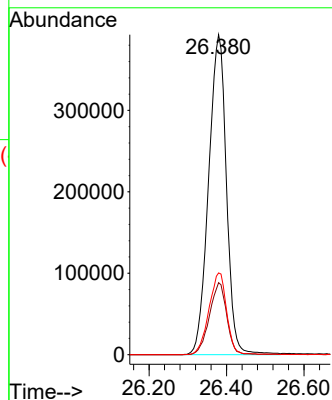
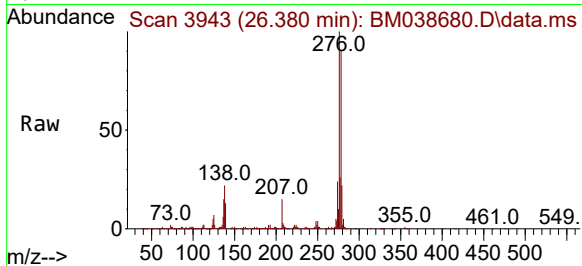




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.603 ng
RT: 26.380 min Scan# 3943
Delta R.T. -0.000 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

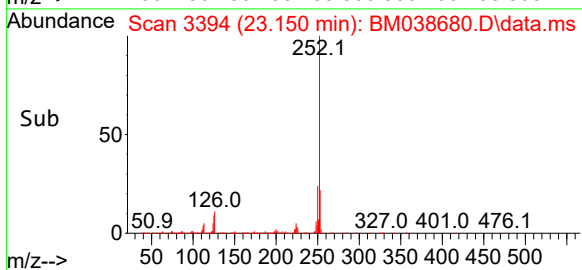
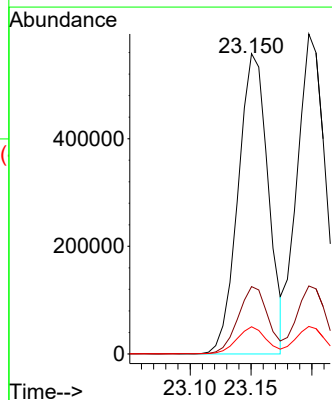
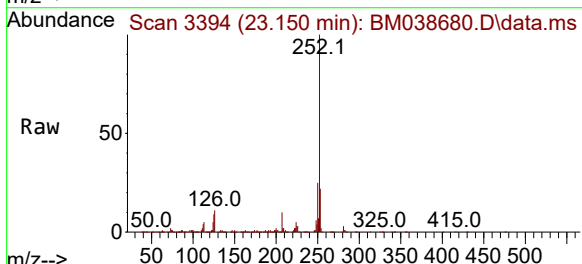
Instrument :
BNA_M
ClientSampleId :
PB150629BS

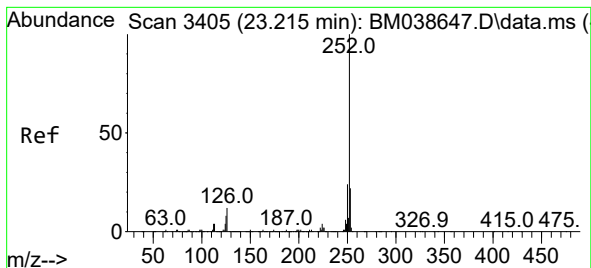
Tgt Ion:276 Resp: 1254083
Ion Ratio Lower Upper
276 100
138 21.9 17.2 25.8
277 25.4 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 45.819 ng
RT: 23.150 min Scan# 3394
Delta R.T. -0.006 min
Lab File: BM038680.D
Acq: 03 Feb 2023 14:43

Tgt Ion:252 Resp: 958151
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 9.1 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 45.648 ng

RT: 23.197 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

Instrument :

BNA_M

ClientSampleId :

PB150629BS

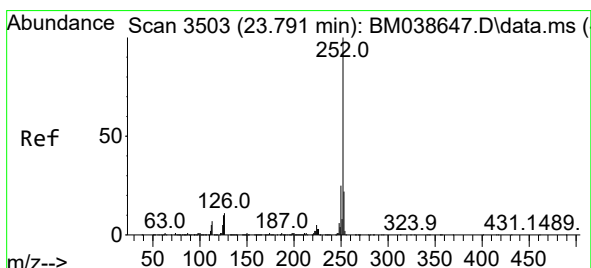
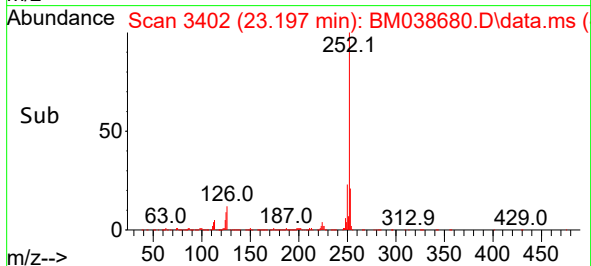
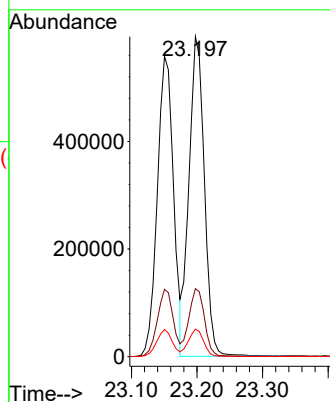
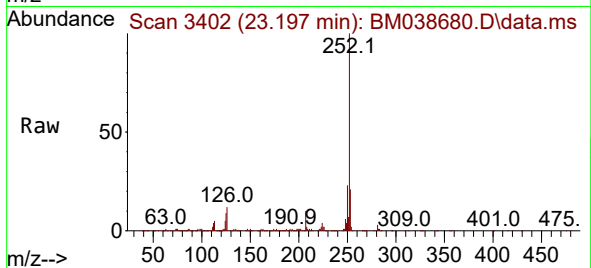
Tgt Ion:252 Resp: 969346

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 8.6 6.6 9.8



#90

Benzo(a)pyrene

Concen: 41.740 ng

RT: 23.780 min Scan# 3501

Delta R.T. -0.000 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

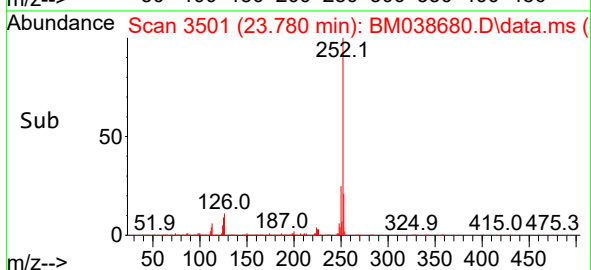
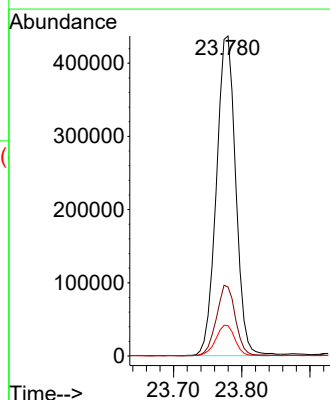
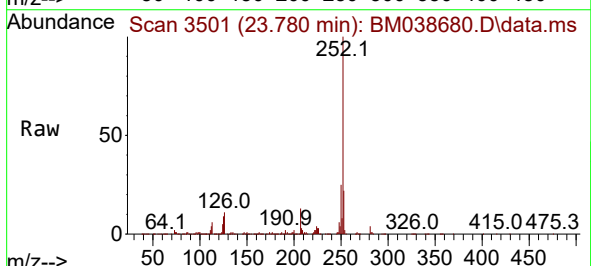
Tgt Ion:252 Resp: 863169

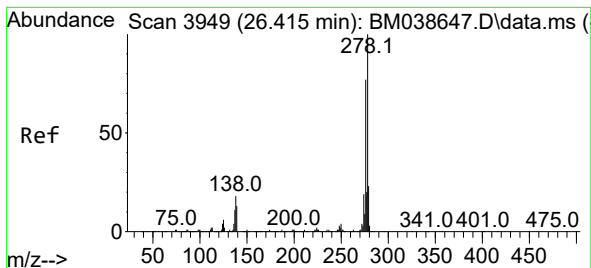
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 9.4 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 47.384 ng

RT: 26.385 min Scan# 3944

Delta R.T. -0.012 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

Instrument :

BNA_M

ClientSampleId :

PB150629BS

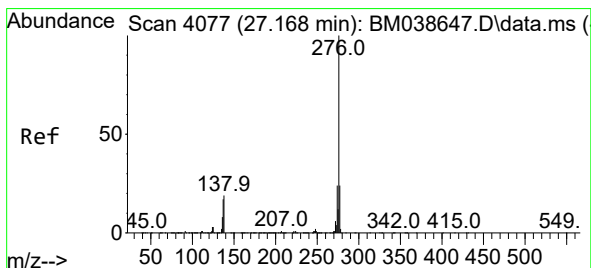
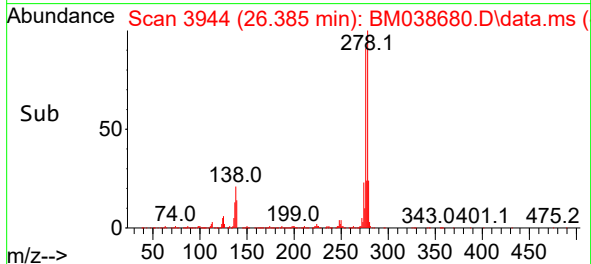
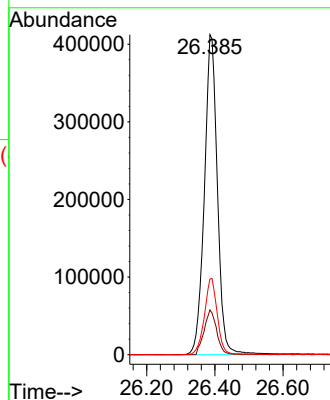
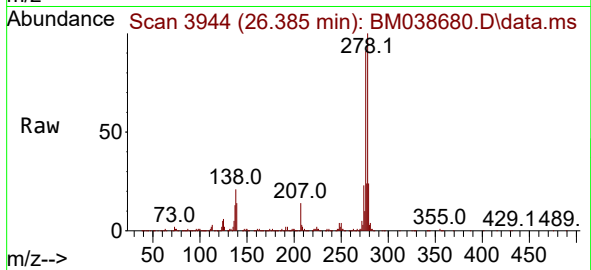
Tgt Ion:278 Resp: 1096307

Ion Ratio Lower Upper

278 100

139 14.0 10.5 15.7

279 23.6 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 46.344 ng

RT: 27.150 min Scan# 4074

Delta R.T. -0.000 min

Lab File: BM038680.D

Acq: 03 Feb 2023 14:43

Tgt Ion:276 Resp: 1083872

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 17.8 15.3 22.9

