

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
 Data File : BM038629.D
 Acq On : 31 Jan 2023 21:02
 Operator : CG/JU
 Sample : PB150488BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 01 00:07:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 31 01:02:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	41054	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	134768	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	103426	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.327	188	224248	20.000	ng/ul	0.00
79) Chrysene-d12	21.503	240	201971	20.000	ng/ul	0.00
88) Perylene-d12	23.909	264	267690	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	6070	5.272	ng/uL	0.00
4) Pyridine-d5	3.758	84	73645	25.543	ng/ul	0.00
7) Phenol-d5	7.116	99	78658	28.703	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	45738	28.594	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	68888	30.313	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	61475	28.115	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	31428	30.765	ng/ul	0.00
24) 2-Nitrophenol-d4	9.845	143	41766	30.959	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	90892	30.443	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	69241	23.864	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	239251	28.004	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	266563	29.319	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	30615	25.903	ng/ul	0.00
60) Fluorene-d10	15.580	176	214996	28.140	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	52681	27.444	ng/ul	0.00
73) Anthracene-d10	17.427	188	325060	28.798	ng/ul	0.00
81) Pyrene-d10	19.715	212	341212	32.787	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	416708	30.328	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	11482	9.255	ng/uL	95
5) Pyridine	3.781	79	73865	24.947	ng/ul	97
6) Benzaldehyde	7.093	77	52767	41.761	ng/ul	96
8) Phenol	7.146	94	79465	28.963	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.381	93	56797	28.973	ng/ul	91
12) 2-Chlorophenol	7.516	128	67515	29.606	ng/ul	94
13) 2-Methylphenol	8.398	108	59650	28.614	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.481	45	59185	29.222	ng/ul	98
16) Acetophenone	8.787	105	104348	27.013	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.769	70	53227	29.983	ng/ul#	95
18) 4-Methylphenol	8.734	108	62360	28.183	ng/ul	98
19) Hexachloroethane	9.028	117	32630	28.368	ng/ul	94
22) Nitrobenzene	9.169	77	88162	28.674	ng/ul	99
23) Isophorone	9.692	82	142752	30.683	ng/ul	97
25) 2-Nitrophenol	9.881	139	40604	30.365	ng/ul	94
26) 2,4-Dimethylphenol	9.934	107	83400	28.714	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.175	93	72814	30.694	ng/ul	97
29) 2,4-Dichlorophenol	10.410	162	85440	30.109	ng/ul	95
30) Naphthalene	10.810	128	193996	29.013	ng/ul	99
32) 4-Chloroaniline	10.934	127	69301	23.803	ng/ul	97
33) Hexachlorobutadiene	11.086	225	80255	27.214	ng/ul	98
34) Caprolactam	11.728	113	10767	19.285	ng/ul	82
35) 4-Chloro-3-methylphenol	12.051	107	65995	29.441	ng/ul	91
36) 2-Methylnaphthalene	12.416	142	150471	30.255	ng/ul	97

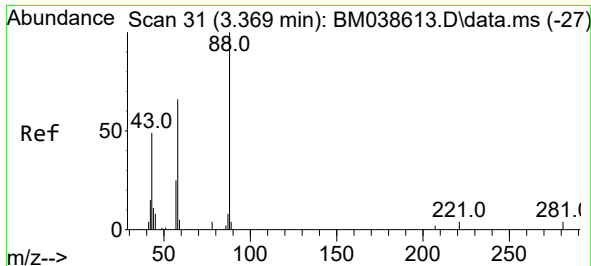
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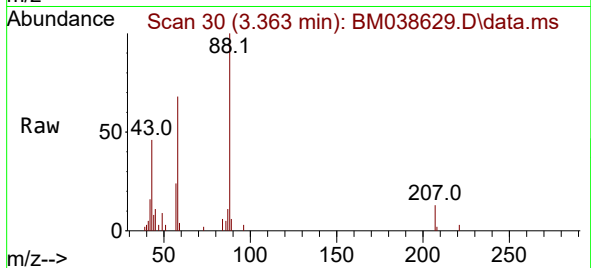
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	153416	29.883	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.780	216	135513	26.617	ng/ul	97
40) Hexachlorocyclopentadiene	12.751	237	94521	26.017	ng/ul	98
41) 2,4,6-Trichlorophenol	13.028	196	89050	28.729	ng/ul	94
42) 2,4,5-Trichlorophenol	13.098	196	93520	28.252	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	226706	28.507	ng/ul	98
44) 2-Chloronaphthalene	13.469	162	188831	28.582	ng/ul#	92
45) 2-Nitroaniline	13.680	65	48683	27.550	ng/ul	95
47) Dimethylphthalate	14.051	163	236399	28.120	ng/ul	99
48) 2,6-Dinitrotoluene	14.174	165	46862	30.098	ng/ul#	92
50) Acenaphthylene	14.310	152	262079	28.826	ng/ul	99
51) 3-Nitroaniline	14.510	138	32642	29.126	ng/ul	94
52) Acenaphthene	14.651	153	193434	28.584	ng/ul	98
53) 2,4-Dinitrophenol	14.716	184	32525	25.986	ng/ul	92
55) 4-Nitrophenol	14.816	109	50468	25.452	ng/ul#	89
56) Dibenzofuran	14.986	168	279432	27.763	ng/ul	94
57) 2,4-Dinitrotoluene	14.963	165	65492	28.539	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.210	232	73240	25.270	ng/ul	99
59) Diethylphthalate	15.404	149	219463	27.847	ng/ul	99
61) Fluorene	15.633	166	240880	28.417	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.627	204	155075	26.000	ng/ul	93
63) 4-Nitroaniline	15.669	138	30372	32.871	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.721	198	48896	26.991	ng/ul	99
67) N-Nitrosodiphenylamine	15.839	169	197136	31.181	ng/ul	99
68) 4-Bromophenyl-phenylether	16.515	248	89566	28.346	ng/ul	98
69) Hexachlorobenzene	16.633	284	103772	28.134	ng/ul	94
70) Atrazine	16.792	200	85021	26.801	ng/ul	98
71) Pentachlorophenol	16.980	266	60974	25.843	ng/ul	95
72) Phenanthrene	17.374	178	340646	29.068	ng/ul	99
74) Anthracene	17.462	178	350079	28.527	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	128063	29.712	ng/ul	99
76) Pentachlorobenzene	14.904	250	124812	27.829	ng/ul	98
77) Carbazole	17.739	167	274469	25.767	ng/ul	97
78) Di-n-butylphthalate	18.286	149	314373	30.504	ng/ul	99
80) Fluoranthene	19.380	202	406832	33.726	ng/ul	100
82) Pyrene	19.745	202	419347	32.758	ng/ul	99
83) Butylbenzylphthalate	20.633	149	124244	33.648	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.421	252	135790	27.368	ng/ul	99
85) Benzo(a)anthracene	21.492	228	415318	29.029	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.403	149	166200	31.633	ng/ul	100
87) Chrysene	21.545	228	387139	29.234	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	298400	26.321	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	492907	29.783	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	483294	29.297	ng/ul	99
93) Benzo(a)pyrene	23.803	252	454355	29.646	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.415	276	712352	29.405	ng/ul	99
95) Dibenzo(a,h)anthracene	26.427	278	602404	29.299	ng/ul	99
96) Benzo(g,h,i)perylene	27.191	276	575487	29.267	ng/ul	99

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

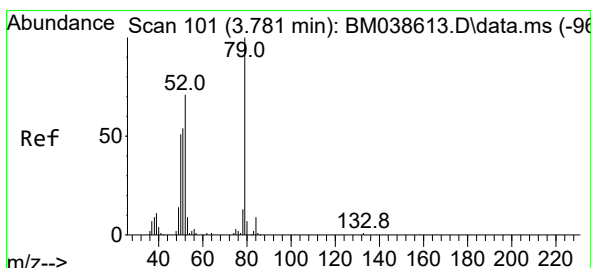
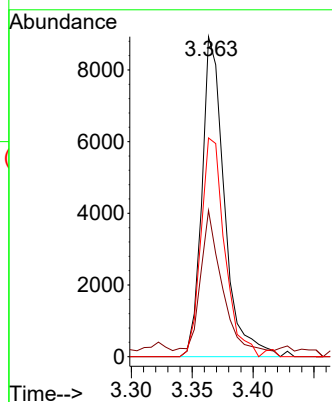
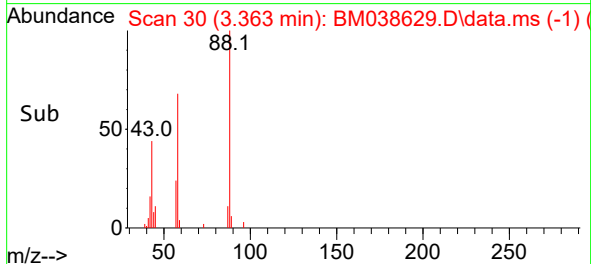


#2
1,4-Dioxane
Concen: 9.255 ng/uL
RT: 3.363 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM038629.D
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BNA_M
ClientSampleId :

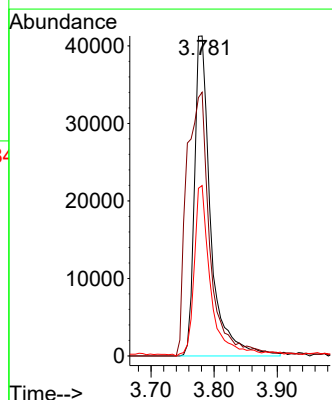
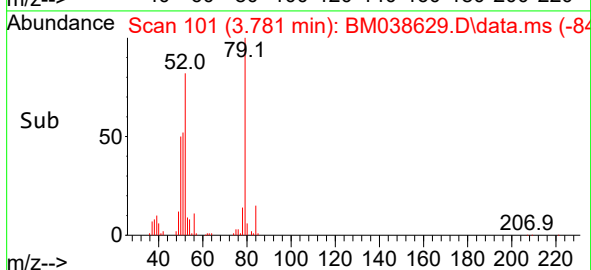
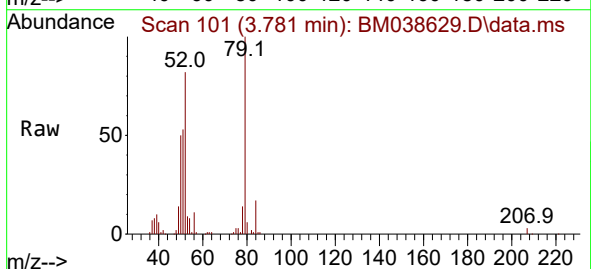


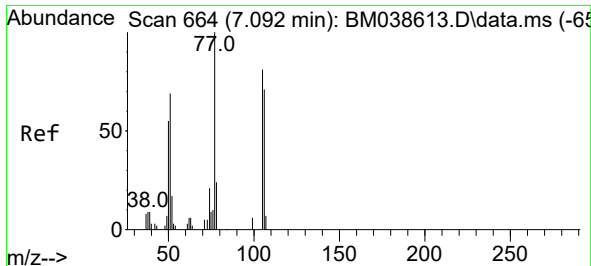
Tgt Ion: 88 Resp: 11482
Ion Ratio Lower Upper
88 100
43 45.7 33.8 50.8
58 68.4 52.1 78.1



#5
Pyridine
Concen: 24.947 ng/uL
RT: 3.781 min Scan# 101
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Tgt Ion: 79 Resp: 73865
Ion Ratio Lower Upper
79 100
52 82.4 67.4 101.0
51 53.3 40.7 61.1

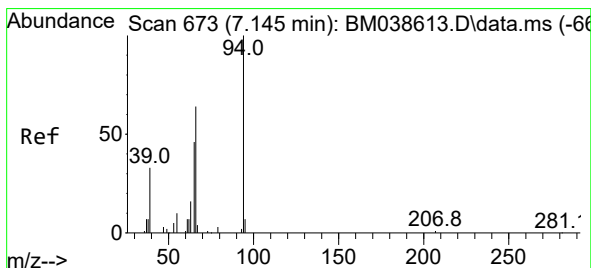
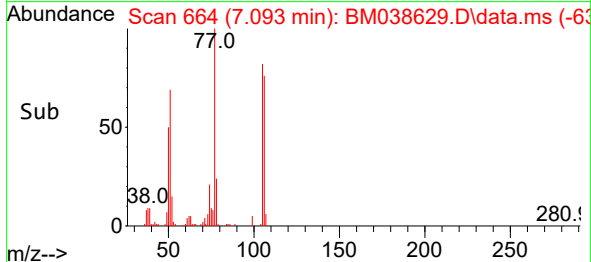
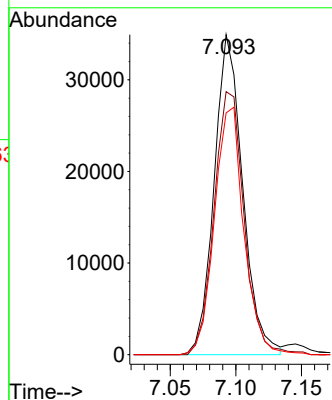
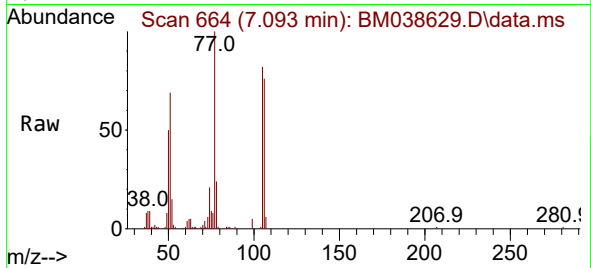




#6
Benzaldehyde
Concen: 41.761 ng/ul
RT: 7.093 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

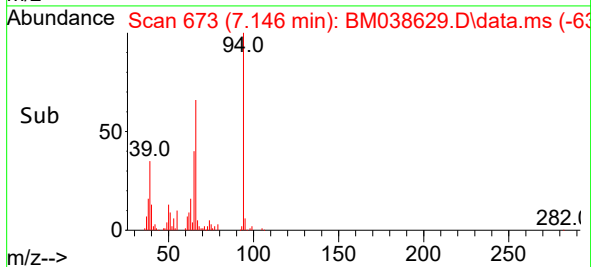
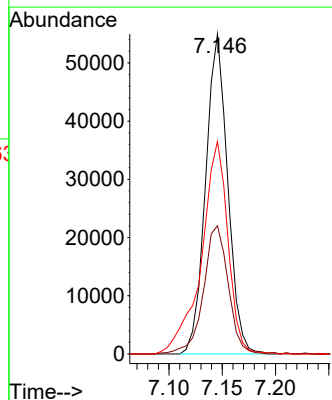
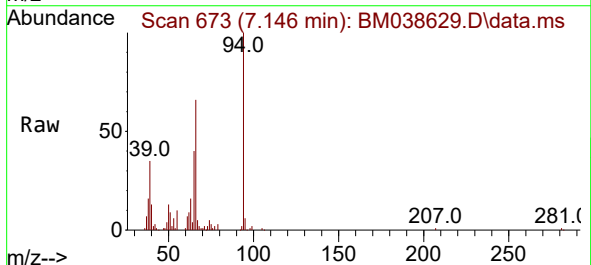
Instrument :
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ClientSampleId :

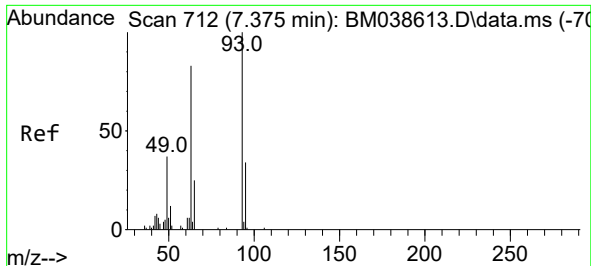
Tgt Ion: 77 Resp: 52767
Ion Ratio Lower Upper
77 100
105 82.2 68.3 102.5
106 75.6 57.7 86.5



#8
Phenol
Concen: 28.963 ng/ul
RT: 7.146 min Scan# 673
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Tgt Ion: 94 Resp: 79465
Ion Ratio Lower Upper
94 100
65 40.0 38.2 57.2
66 66.5 57.9 86.9

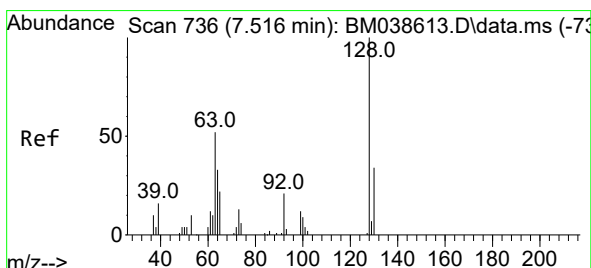
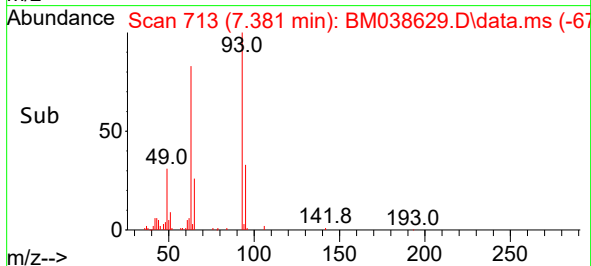
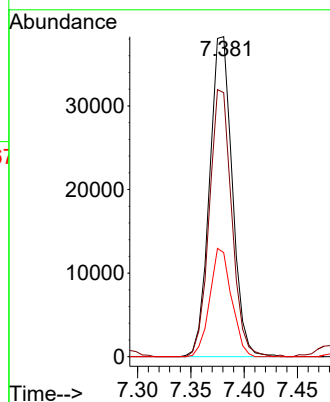
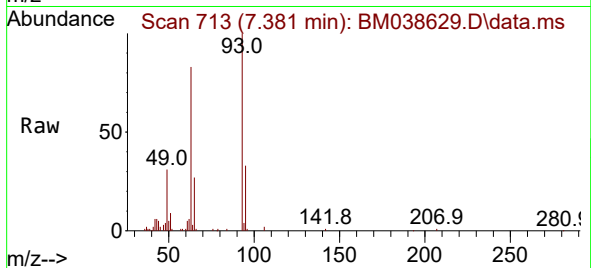




#10
Bis(2-Chloroethyl)ether
Concen: 28.973 ng/ul
RT: 7.381 min Scan# 712
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

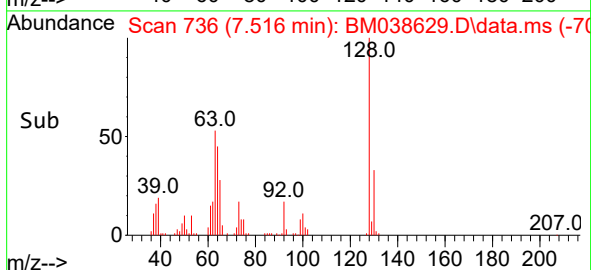
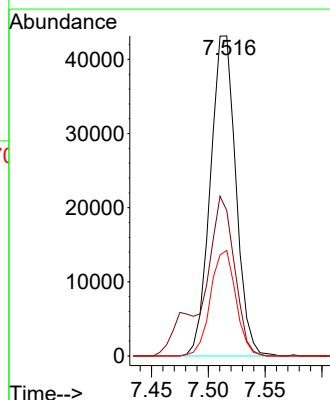
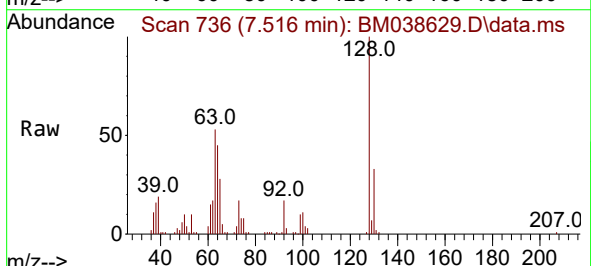
Instrument :
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ClientSampleId :

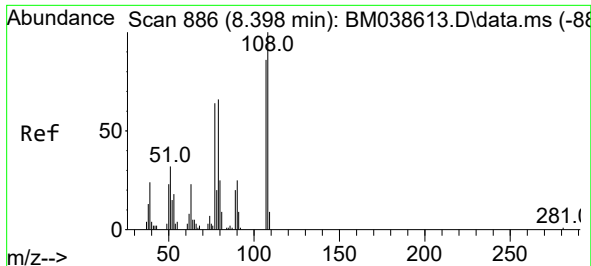
Tgt Ion: 93 Resp: 56797
Ion Ratio Lower Upper
93 100
63 82.5 73.9 110.9
95 32.5 28.0 42.0



#12
2-Chlorophenol
Concen: 29.606 ng/ul
RT: 7.516 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Tgt Ion: 128 Resp: 67515
Ion Ratio Lower Upper
128 100
64 45.4 40.0 60.0
130 33.0 24.4 36.6

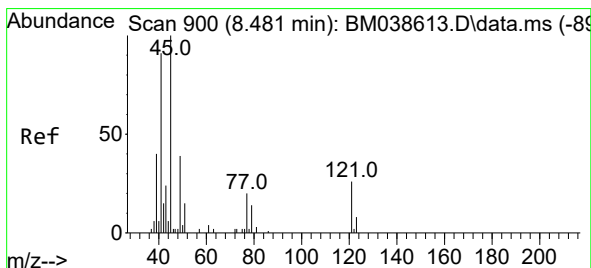
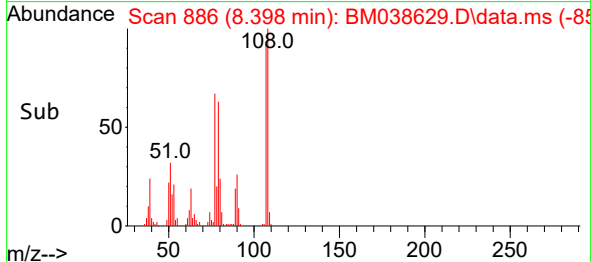
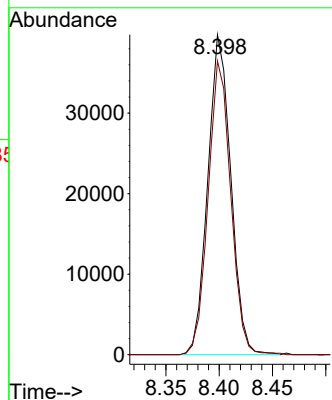
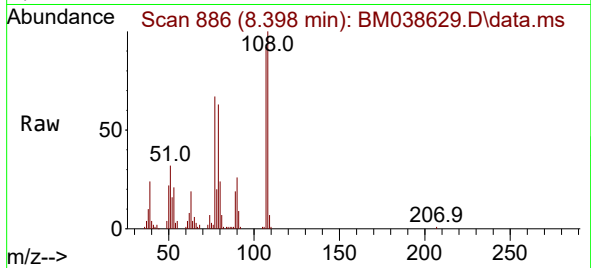




#13
2-Methylphenol
Concen: 28.614 ng/ul
RT: 8.398 min Scan# 886
Delta R.T. -0.006 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

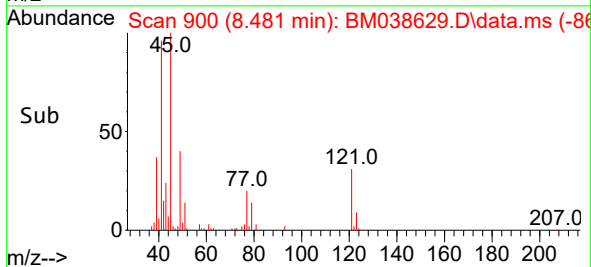
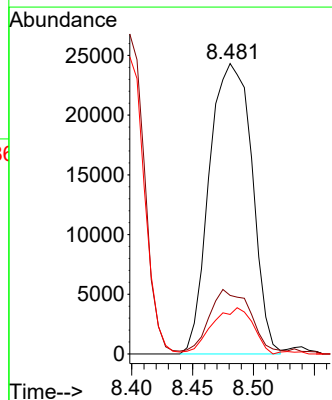
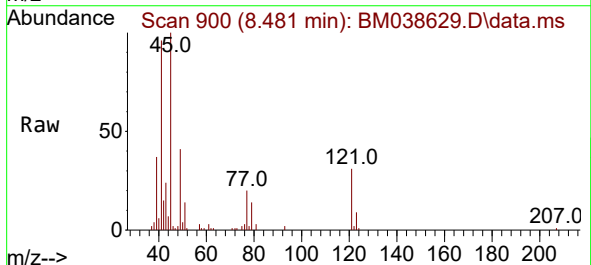
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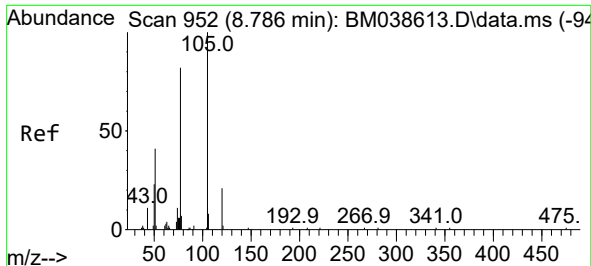
Tgt Ion:108 Resp: 59650
Ion Ratio Lower Upper
108 100
107 91.7 66.6 100.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 29.222 ng/ul
RT: 8.481 min Scan# 900
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Tgt Ion: 45 Resp: 59185
Ion Ratio Lower Upper
45 100
77 20.2 16.9 25.3
79 13.6 11.8 17.6

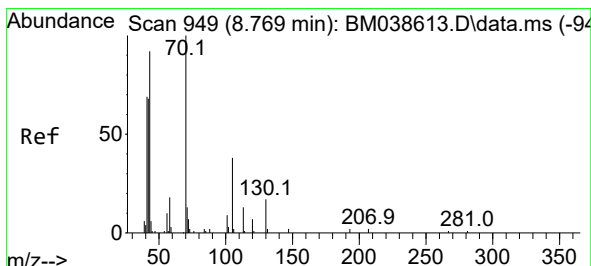
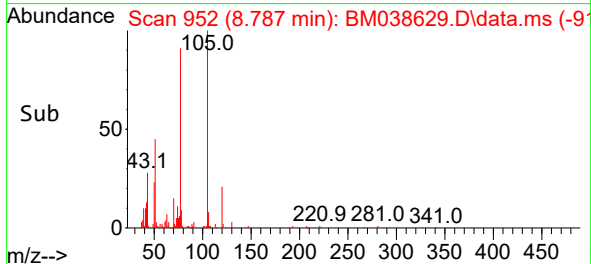
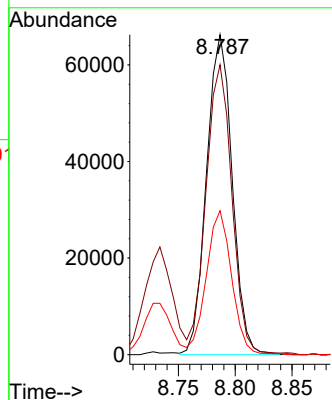
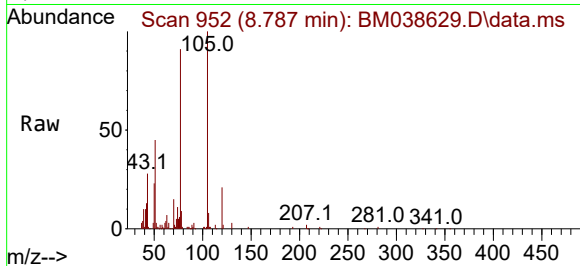




#16
Acetophenone
Concen: 27.013 ng/ul
RT: 8.787 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

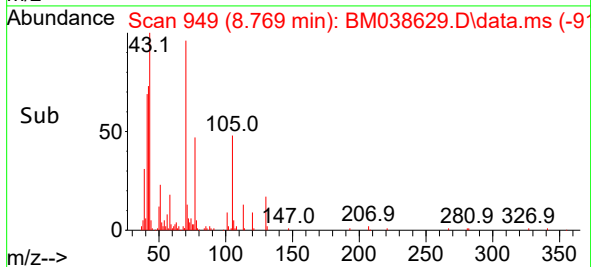
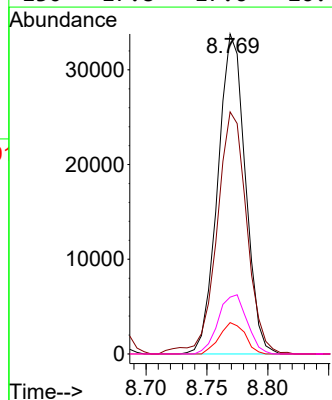
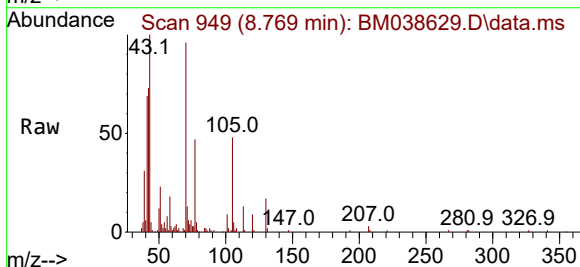
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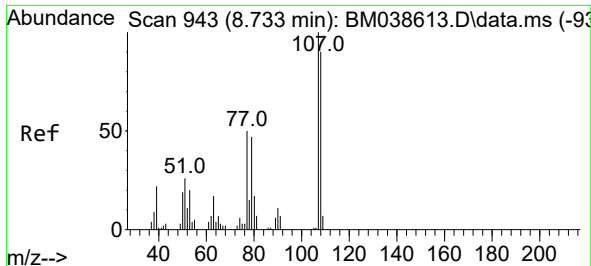
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Ion Ratio Lower Upper
105 100
77 90.6 78.6 117.8
51 45.0 37.2 55.8



#17
N-Nitroso-di-n-propylamine
Concen: 29.983 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

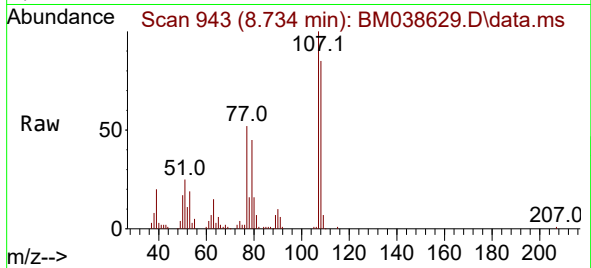
Tgt Ion: 70 Resp: 53227
Ion Ratio Lower Upper
70 100
42 75.7 63.6 95.4
101 9.8 6.3 9.5#
130 17.8 17.6 26.4



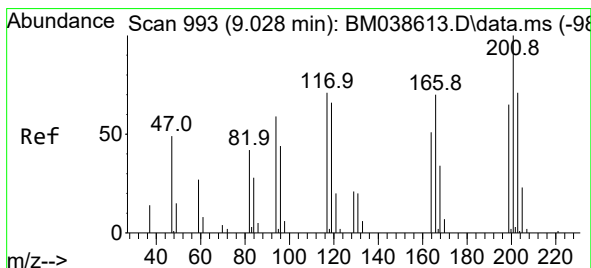
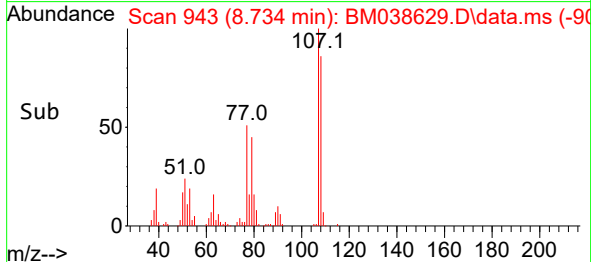
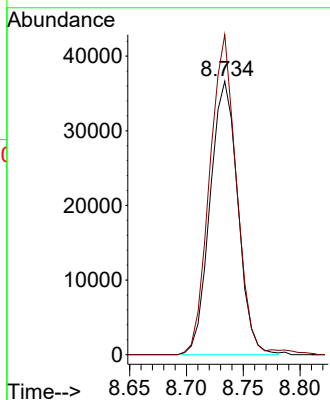


#18
4-Methylphenol
Concen: 28.183 ng/ul
RT: 8.734 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Instrument :
BNA_M
ClientSampleId :

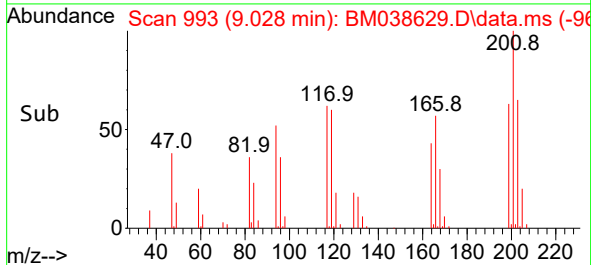
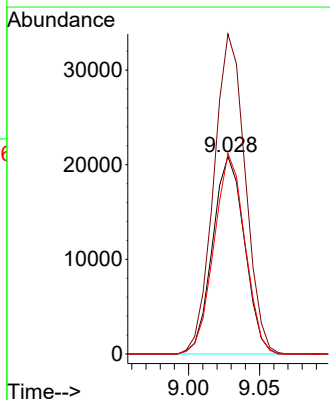
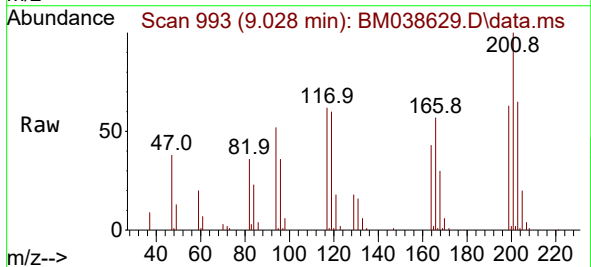


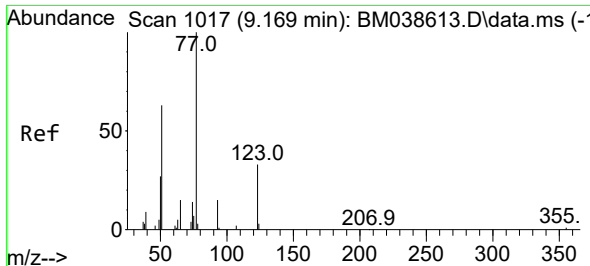
Tgt Ion:108 Resp: 62360
Ion Ratio Lower Upper
108 100
107 117.1 95.1 142.7



#19
Hexachloroethane
Concen: 28.368 ng/ul
RT: 9.028 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Tgt Ion:117 Resp: 32630
Ion Ratio Lower Upper
117 100
201 162.1 124.4 186.6
199 101.5 76.3 114.5

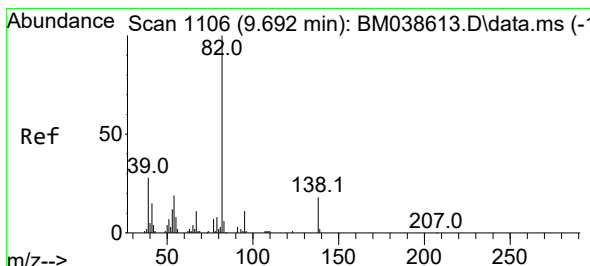
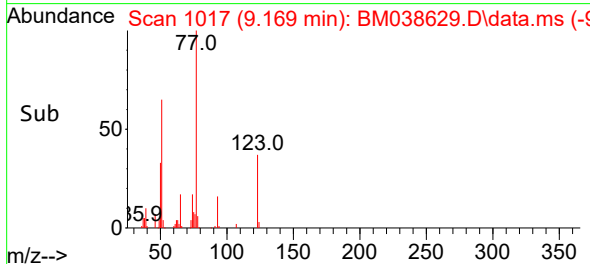
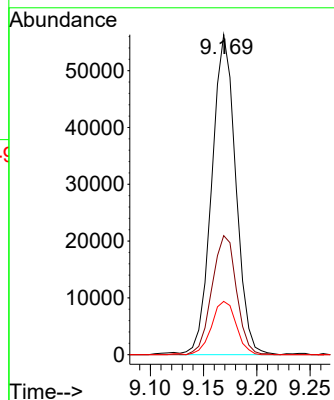
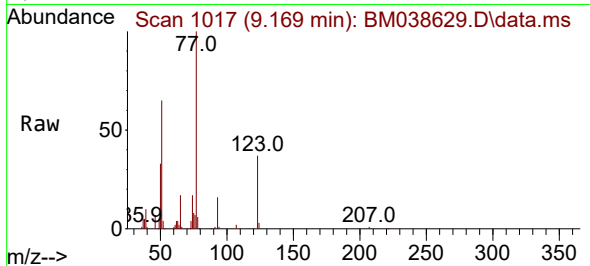




#22
Nitrobenzene
Concen: 28.674 ng/ul
RT: 9.169 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

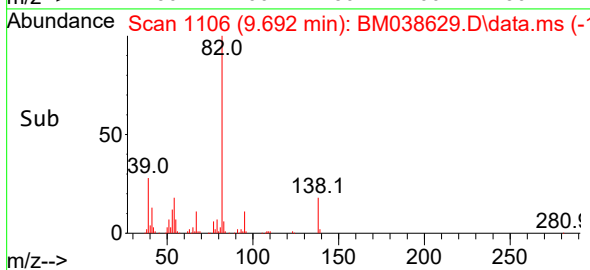
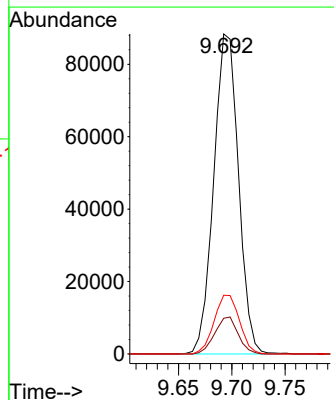
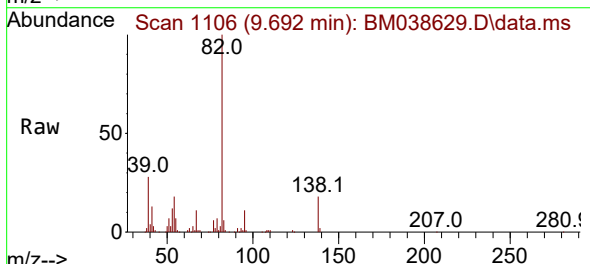
Instrument :
BNA_M
ClientSampleId :

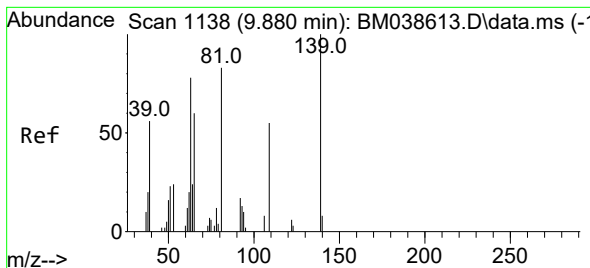
Tgt Ion: 77 Resp: 88162
Ion Ratio Lower Upper
77 100
123 37.2 29.5 44.3
65 16.6 13.6 20.4



#23
Isophorone
Concen: 30.683 ng/ul
RT: 9.692 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Tgt Ion: 82 Resp: 142752
Ion Ratio Lower Upper
82 100
95 11.2 9.3 13.9
138 18.3 13.4 20.0

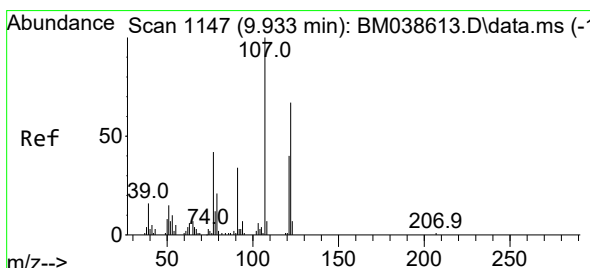
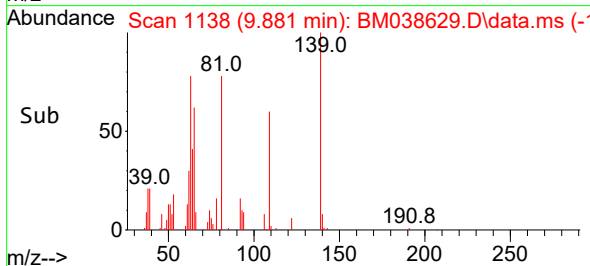
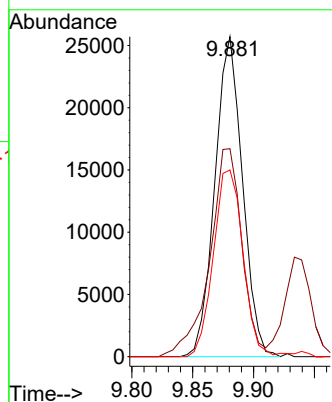
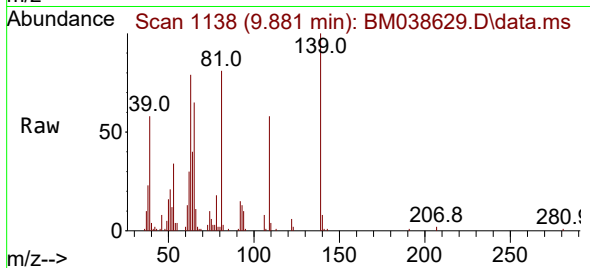




#25
2-Nitrophenol
Concen: 30.365 ng/ul
RT: 9.881 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

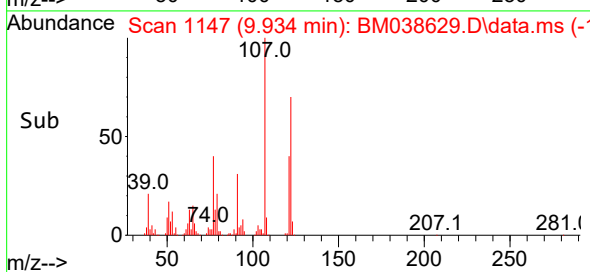
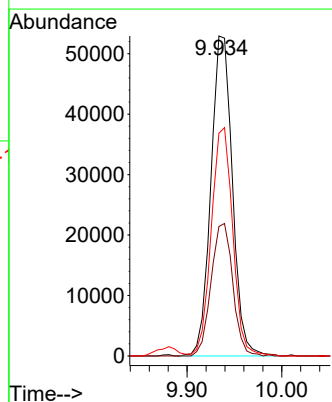
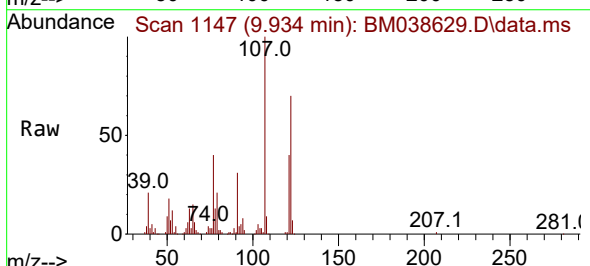
Instrument :
BNA_M
ClientSampleId :

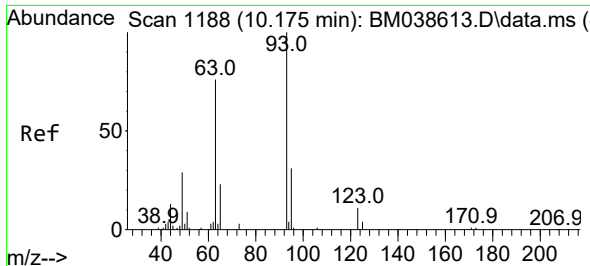
Tgt Ion:139 Resp: 40604
Ion Ratio Lower Upper
139 100
65 65.0 58.6 87.8
109 58.4 46.8 70.2



#26
2,4-Dimethylphenol
Concen: 28.714 ng/ul
RT: 9.934 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

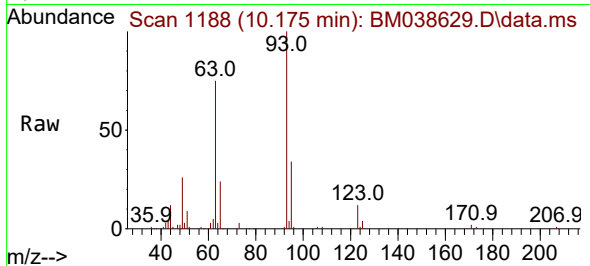
Tgt Ion:107 Resp: 83400
Ion Ratio Lower Upper
107 100
121 40.4 32.6 48.8
122 69.6 54.8 82.2





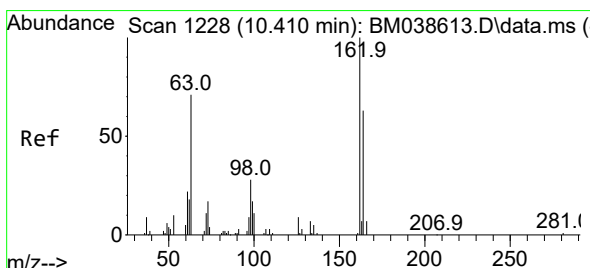
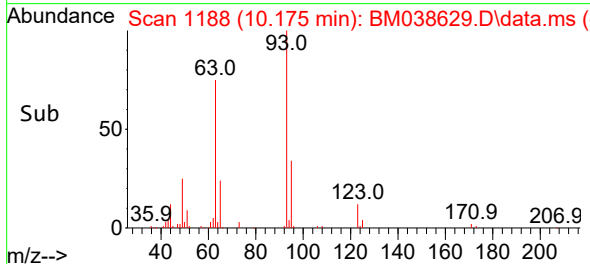
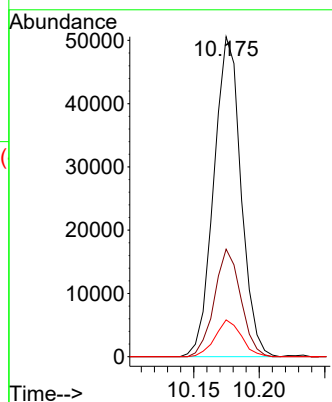
#27
 Bis(2-Chloroethoxy)methane
 Concen: 30.694 ng/ul
 RT: 10.175 min Scan# 1188
 Delta R.T. -0.006 min
 Lab File: BM038629.D
 Acq: 31 Jan 2023 21:02

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion: 93 Resp: 72814

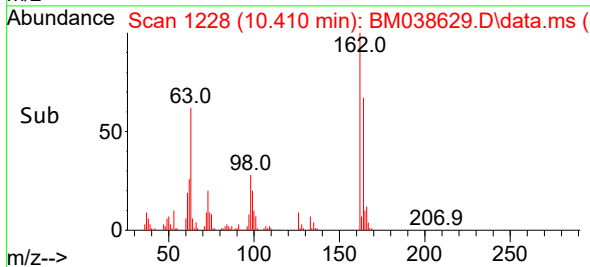
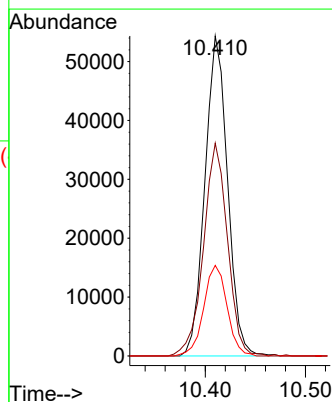
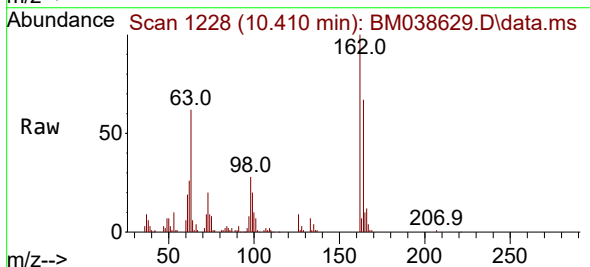
Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.3	37.9
123	11.5	8.6	13.0

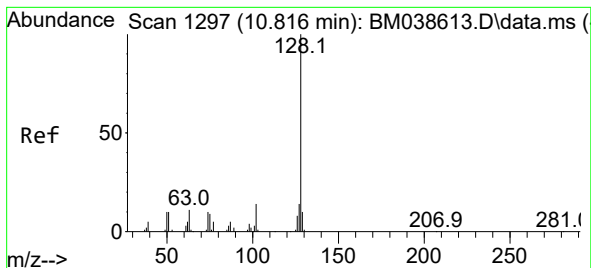


#29
 2,4-Dichlorophenol
 Concen: 30.109 ng/ul
 RT: 10.410 min Scan# 1228
 Delta R.T. -0.006 min
 Lab File: BM038629.D
 Acq: 31 Jan 2023 21:02

Tgt Ion: 162 Resp: 85440

Ion	Ratio	Lower	Upper
162	100		
164	66.5	56.3	84.5
98	28.3	24.6	37.0

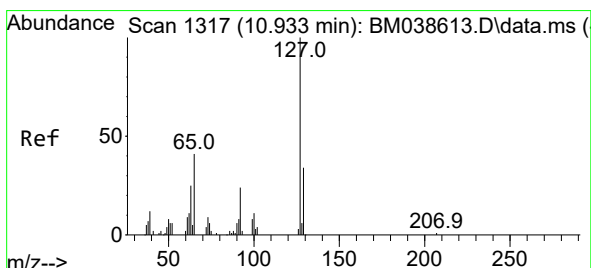
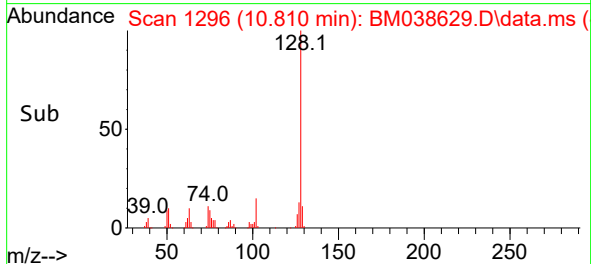
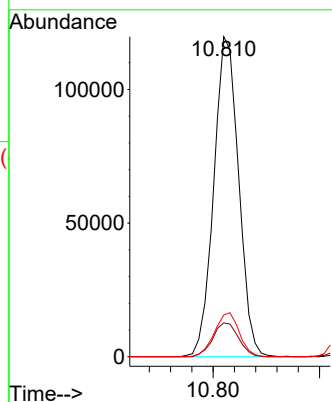
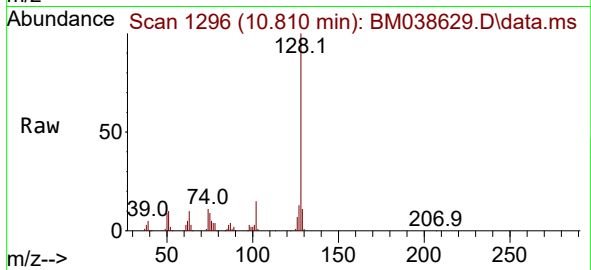




#30
Naphthalene
Concen: 29.013 ng/ul
RT: 10.810 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

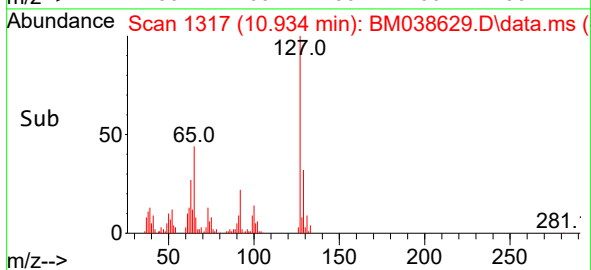
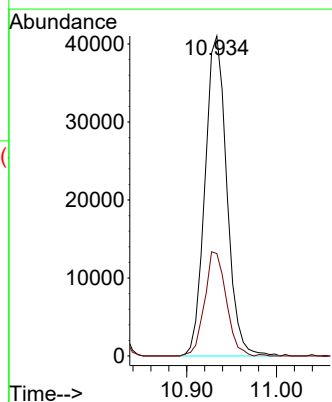
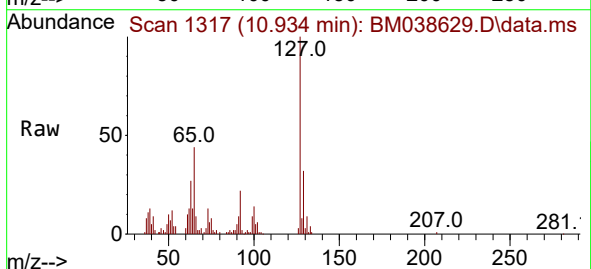
Instrument :
BNA_M
ClientSampleId :

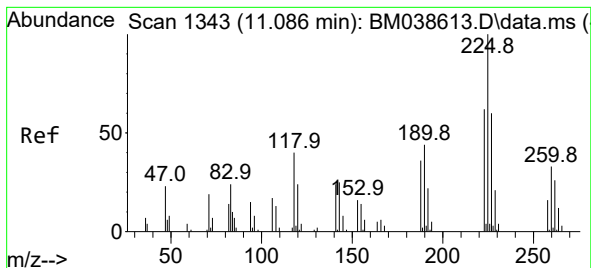
Tgt Ion:128 Resp: 193996
Ion Ratio Lower Upper
128 100
129 10.5 8.0 12.0
127 13.0 10.5 15.7



#32
4-Chloroaniline
Concen: 23.803 ng/ul
RT: 10.934 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Tgt Ion:127 Resp: 69301
Ion Ratio Lower Upper
127 100
129 32.0 26.9 40.3

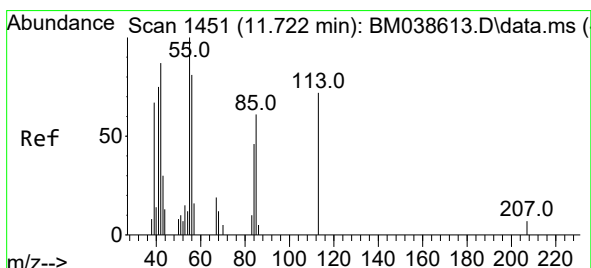
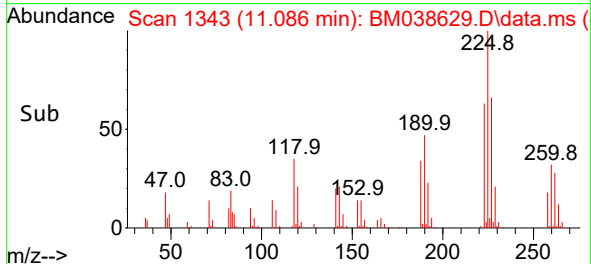
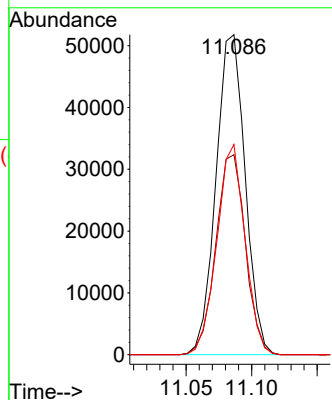
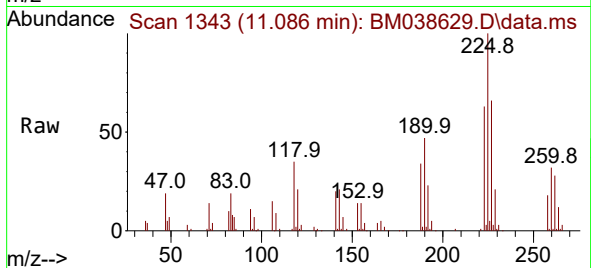




#33
Hexachlorobutadiene
Concen: 27.214 ng/ul
RT: 11.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

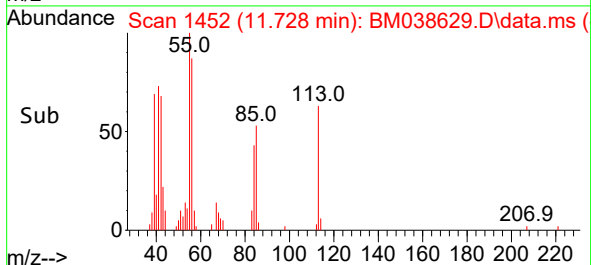
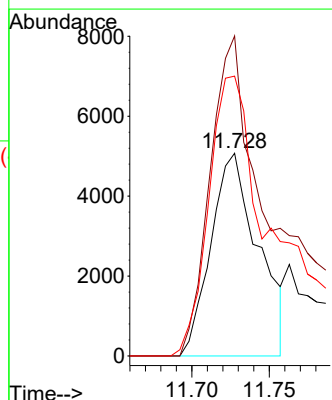
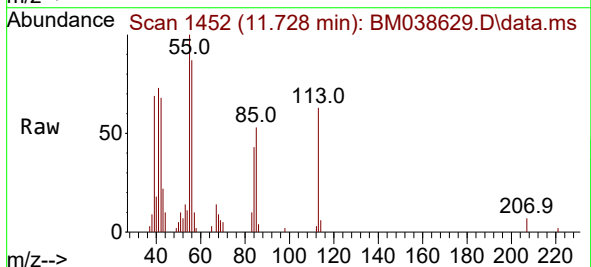
Instrument :
BNA_M
ClientSampleId :

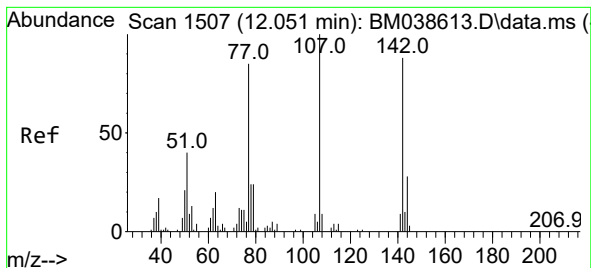
Tgt Ion:225 Resp: 80255
Ion Ratio Lower Upper
225 100
223 62.5 48.0 72.0
227 65.7 53.6 80.4



#34
Caprolactam
Concen: 19.285 ng/ul
RT: 11.728 min Scan# 1452
Delta R.T. 0.012 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

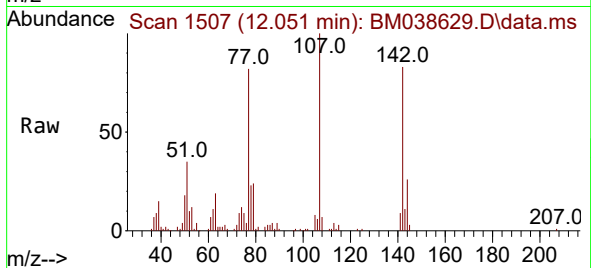
Tgt Ion:113 Resp: 10767
Ion Ratio Lower Upper
113 100
55 157.9 107.6 161.4
56 138.1 96.5 144.7



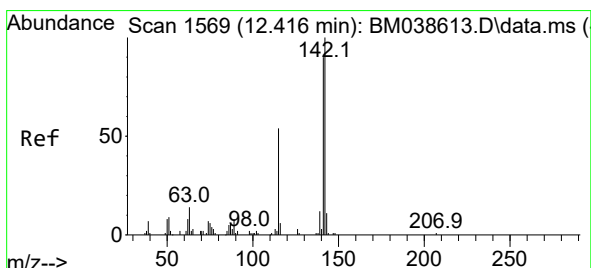
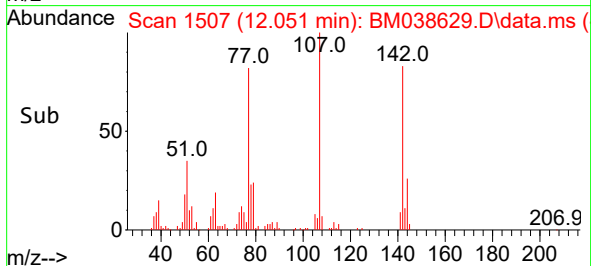
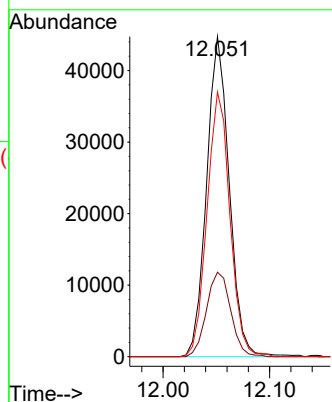


#35
 4-Chloro-3-methylphenol
 Concen: 29.441 ng/ul
 RT: 12.051 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: BM038629.D
 Acq: 31 Jan 2023 21:02

Instrument :
 BNA_M
 ClientSampleId :

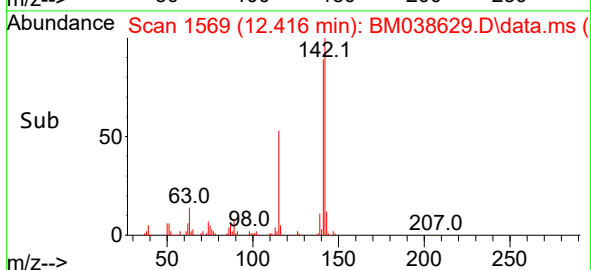
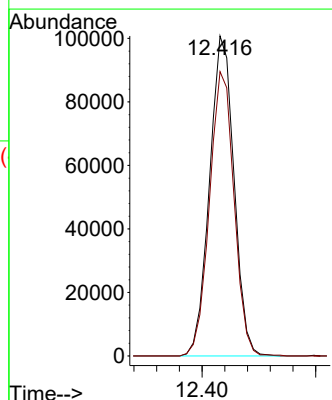
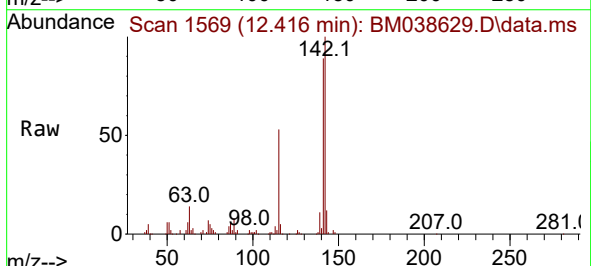


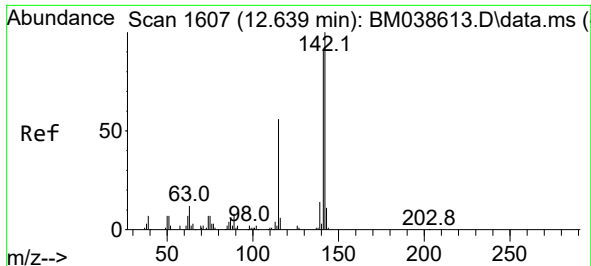
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	18.1	27.1
142	82.7	60.2	90.4



#36
 2-Methylnaphthalene
 Concen: 30.255 ng/ul
 RT: 12.416 min Scan# 1569
 Delta R.T. -0.006 min
 Lab File: BM038629.D
 Acq: 31 Jan 2023 21:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.7	110.5





#37

1-Methylnaphthalene

Concen: 29.883 ng/ul

RT: 12.639 min Scan# 1

Delta R.T. 0.000 min

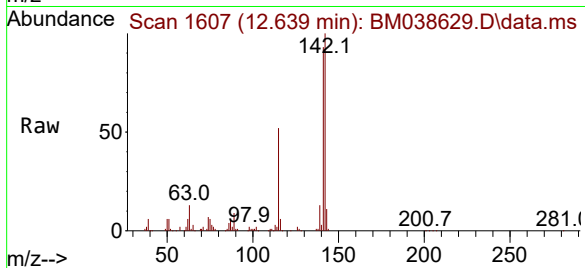
Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

Instrument :

BNA_M

ClientSampleId :



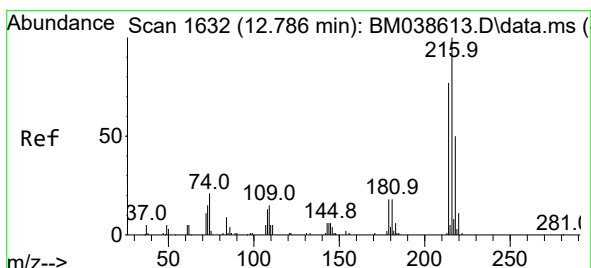
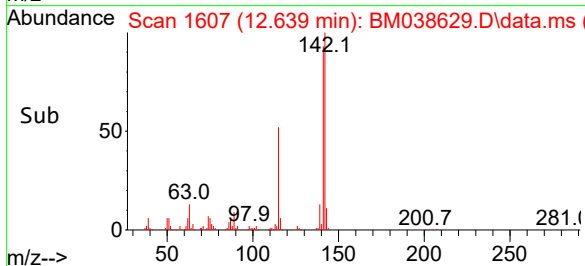
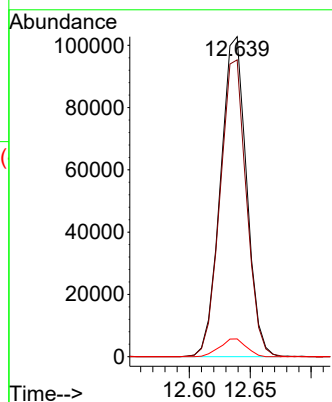
Tgt Ion:142 Resp: 153416

Ion Ratio Lower Upper

142 100

141 92.8 75.2 112.8

116 5.5 5.0 7.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.617 ng/ul

RT: 12.780 min Scan# 1631

Delta R.T. -0.006 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

Tgt Ion:216 Resp: 135513

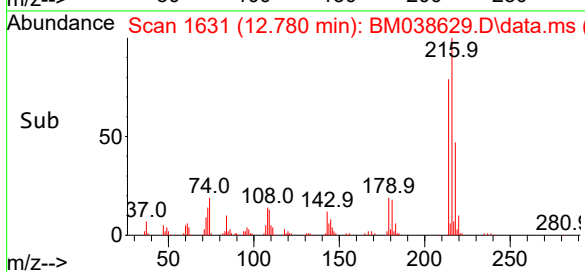
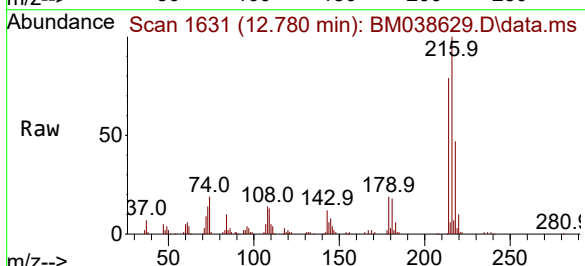
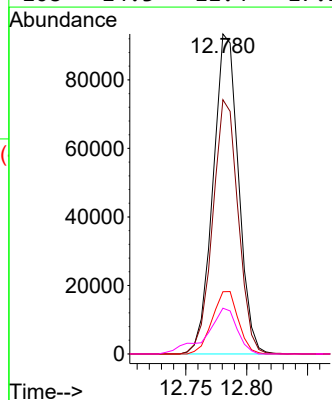
Ion Ratio Lower Upper

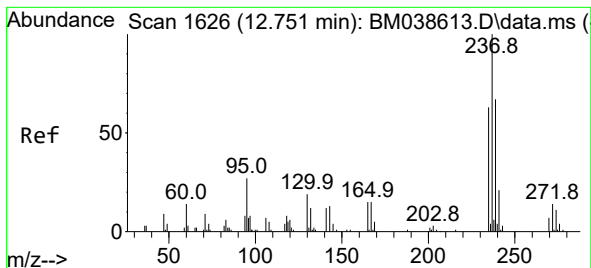
216 100

214 79.4 61.1 91.7

179 19.4 17.0 25.4

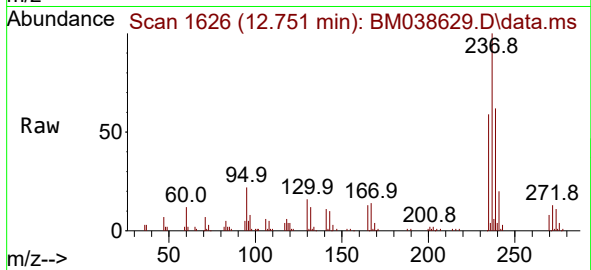
108 14.3 11.4 17.2



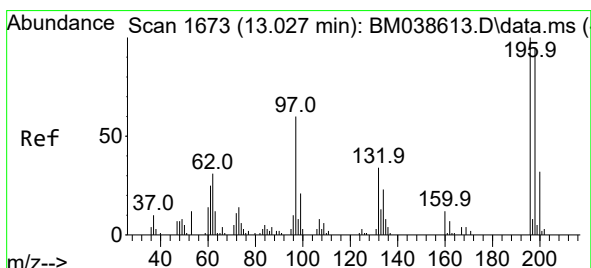
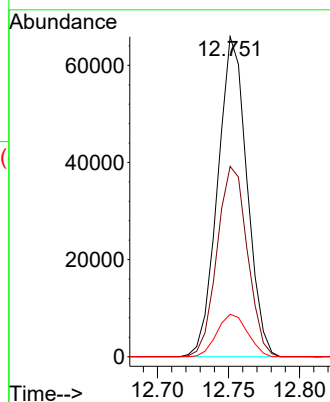
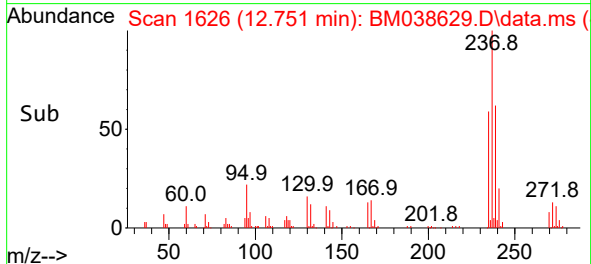


#40
Hexachlorocyclopentadiene
Concen: 26.017 ng/ul
RT: 12.751 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

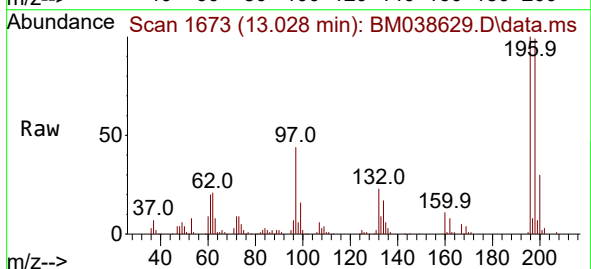
Instrument :
BNA_M
ClientSampleId :



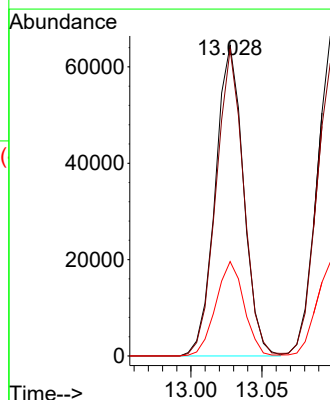
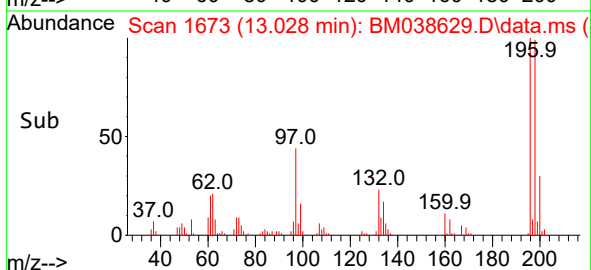
Tgt Ion:237 Resp: 94521
Ion Ratio Lower Upper
237 100
235 59.4 49.2 73.8
272 13.3 11.0 16.6

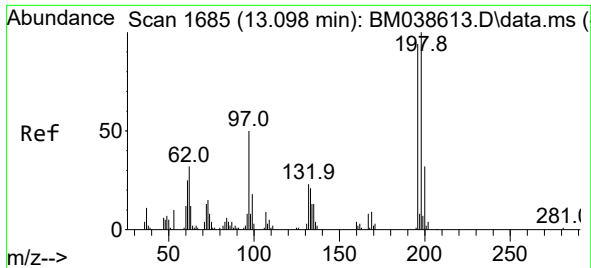


#41
2,4,6-Trichlorophenol
Concen: 28.729 ng/ul
RT: 13.028 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02



Tgt Ion:196 Resp: 89050
Ion Ratio Lower Upper
196 100
198 98.8 83.6 125.4
200 30.4 27.5 41.3

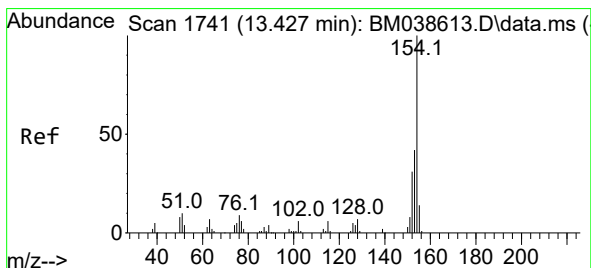
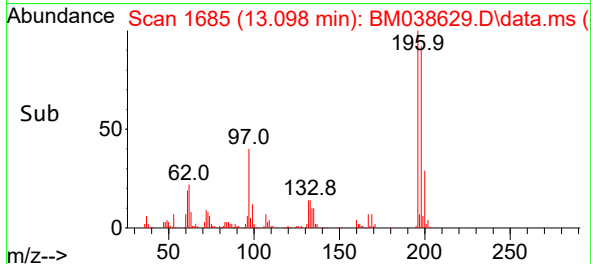
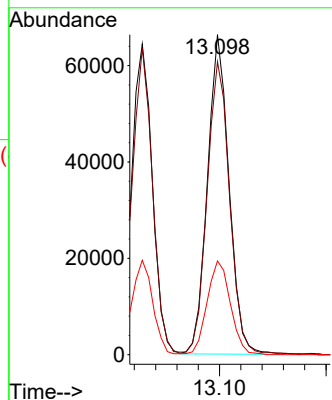
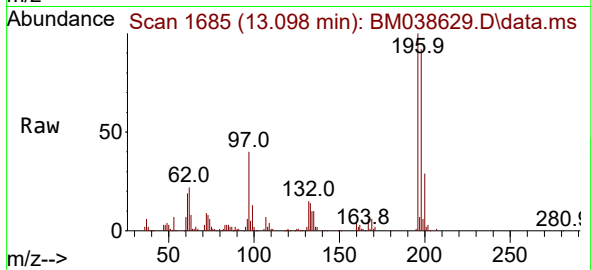




#42
2,4,5-Trichlorophenol
Concen: 28.252 ng/ul
RT: 13.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

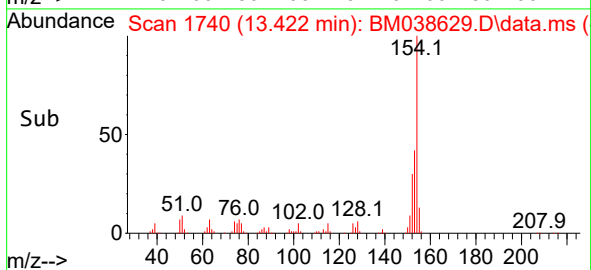
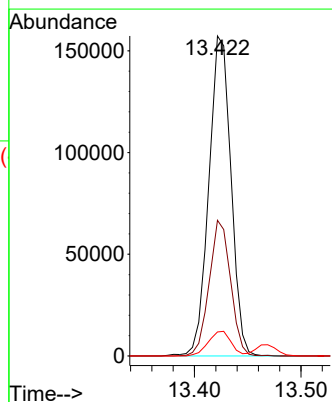
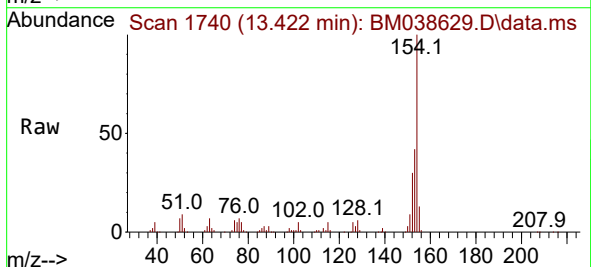
Instrument :
BNA_M
ClientSampleId :

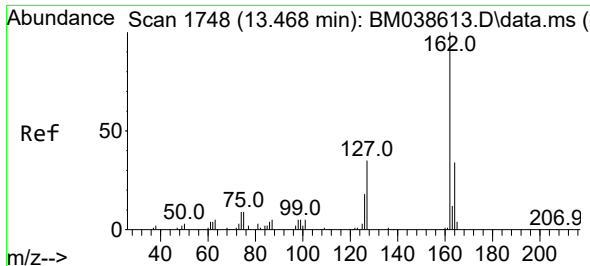
Tgt Ion:196 Resp: 93520
Ion Ratio Lower Upper
196 100
198 91.5 73.2 109.8
200 29.3 25.8 38.8



#43
1,1'-Biphenyl
Concen: 28.507 ng/ul
RT: 13.422 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

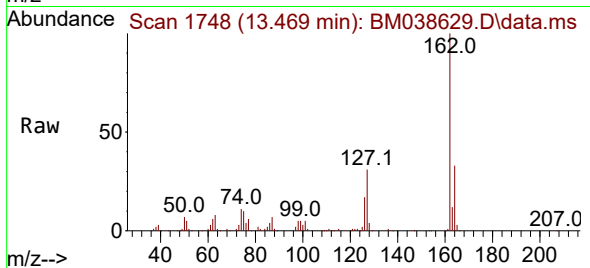
Tgt Ion:154 Resp: 226706
Ion Ratio Lower Upper
154 100
153 42.4 33.2 49.8
76 7.5 6.7 10.1



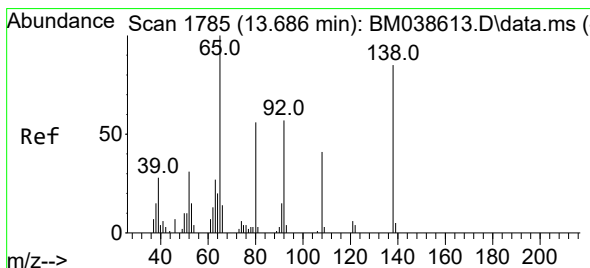
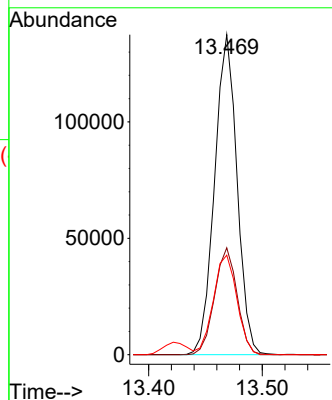
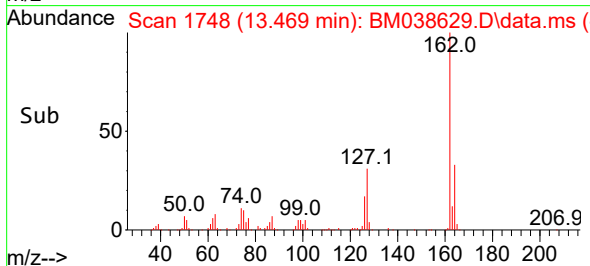


#44
2-Chloronaphthalene
Concen: 28.582 ng/ul
RT: 13.469 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Instrument :
BNA_M
ClientSampleId :

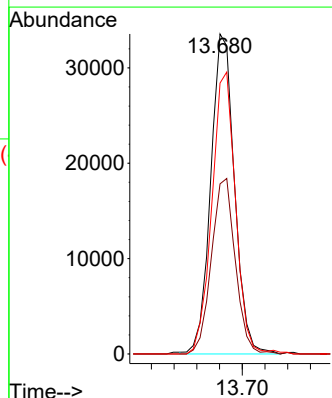
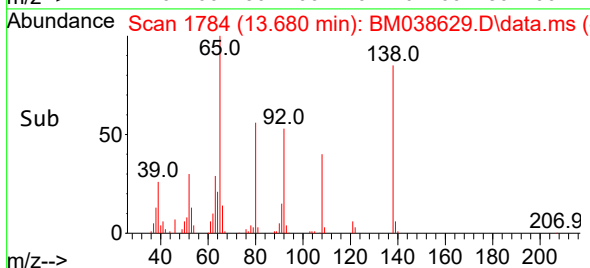
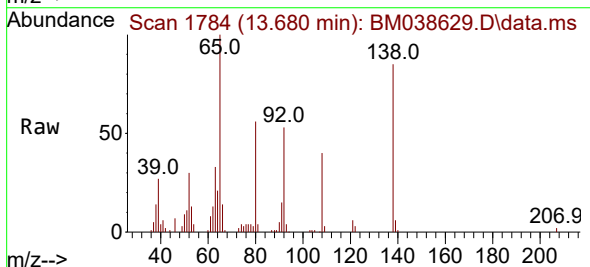


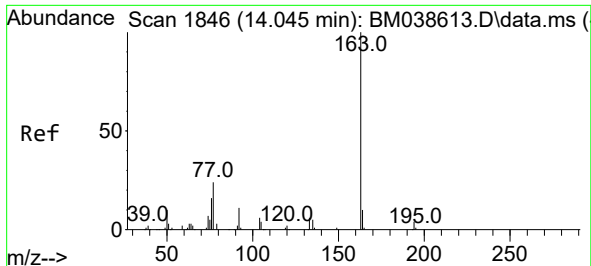
Tgt Ion:162 Resp: 188831
Ion Ratio Lower Upper
162 100
164 33.4 26.6 40.0
127 31.1 31.6 47.4#



#45
2-Nitroaniline
Concen: 27.550 ng/ul
RT: 13.680 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Tgt Ion: 65 Resp: 48683
Ion Ratio Lower Upper
65 100
92 53.1 41.5 62.3
138 84.7 63.3 94.9





#47

Dimethylphthalate

Concen: 28.120 ng/ul

RT: 14.051 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

Instrument :

BNA_M

ClientSampleId :

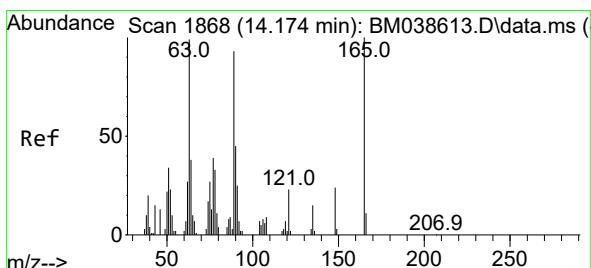
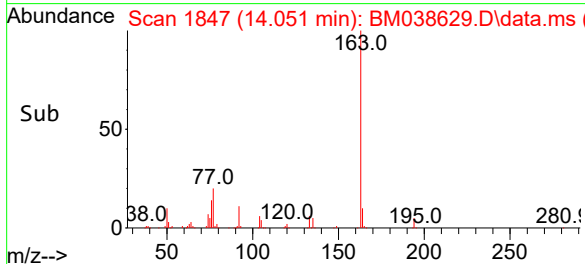
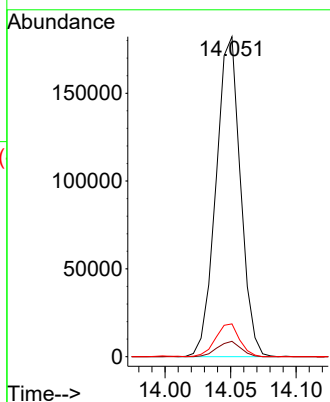
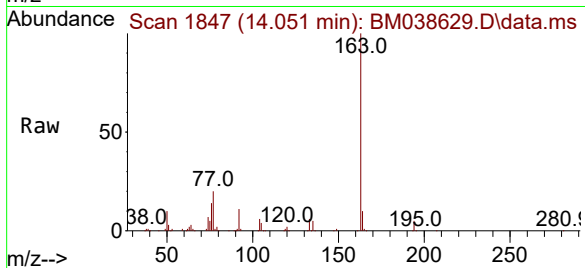
Tgt Ion:163 Resp: 236399

Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

164 10.3 8.0 12.0



#48

2,6-Dinitrotoluene

Concen: 30.098 ng/ul

RT: 14.174 min Scan# 1868

Delta R.T. -0.006 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

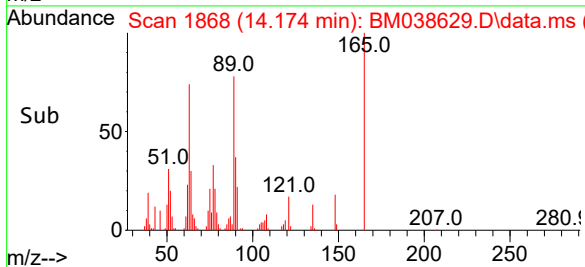
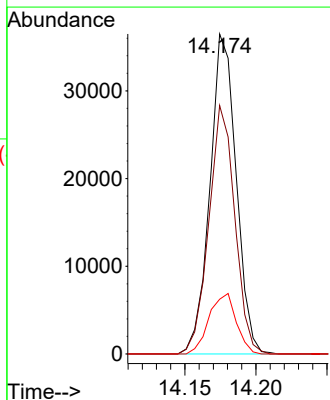
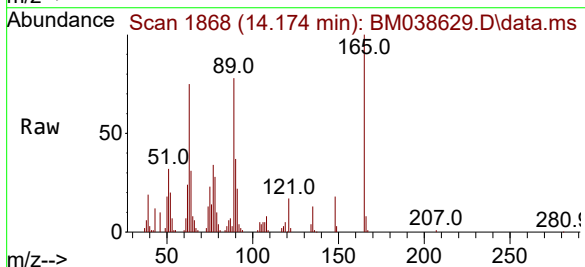
Tgt Ion:165 Resp: 46862

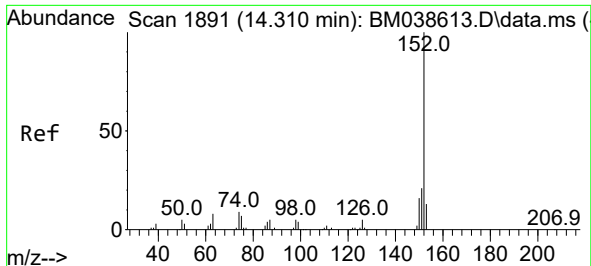
Ion Ratio Lower Upper

165 100

89 77.6 66.7 100.1

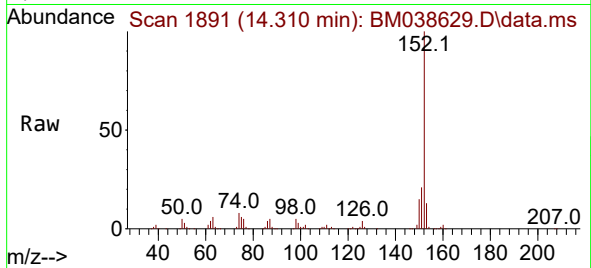
121 17.1 18.2 27.4#



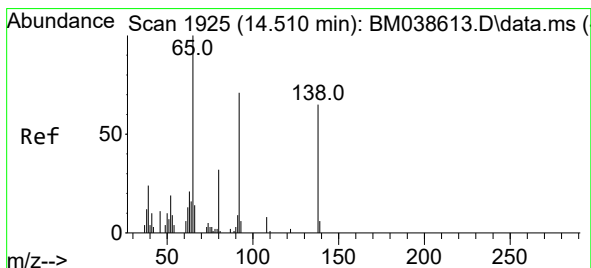
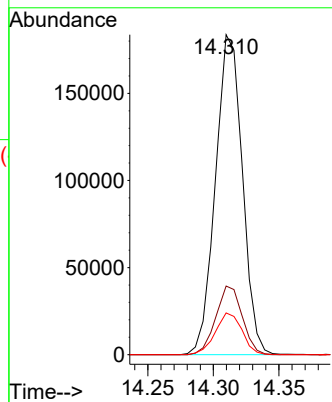
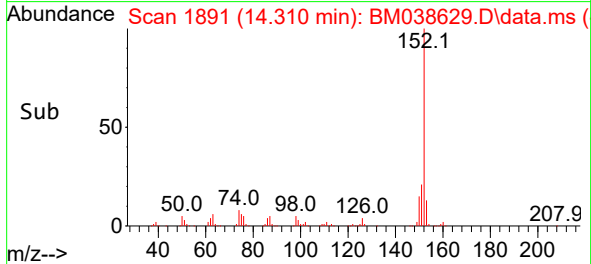


#50
Acenaphthylene
Concen: 28.826 ng/ul
RT: 14.310 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Instrument :
BNA_M
ClientSampleId :

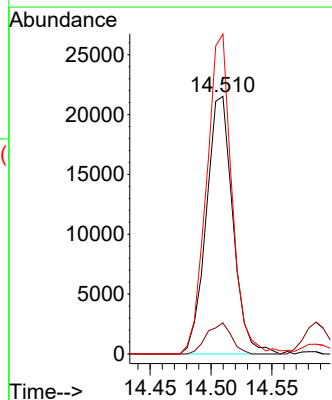
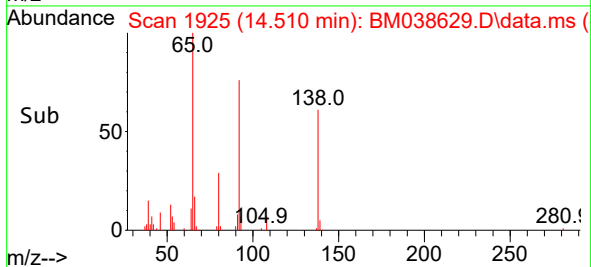
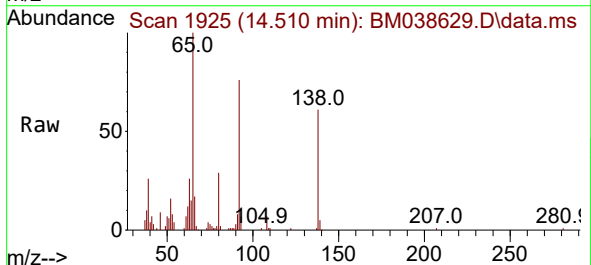


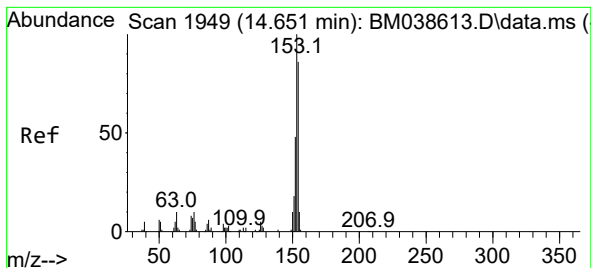
Tgt Ion:152 Resp: 262079
Ion Ratio Lower Upper
152 100
151 21.4 17.7 26.5
153 13.1 10.6 16.0



#51
3-Nitroaniline
Concen: 29.126 ng/ul
RT: 14.510 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Tgt Ion:138 Resp: 32642
Ion Ratio Lower Upper
138 100
108 12.0 8.2 12.4
92 124.2 94.2 141.4





#52

Acenaphthene

Concen: 28.584 ng/ul

RT: 14.651 min Scan# 1949

Delta R.T. -0.006 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

Instrument :

BNA_M

ClientSampleId :

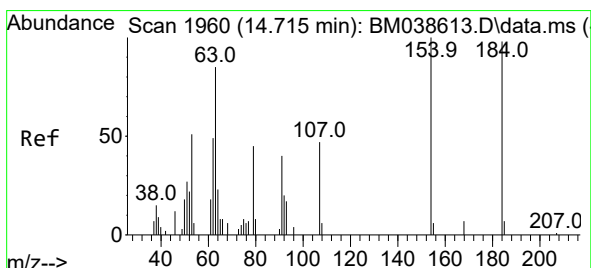
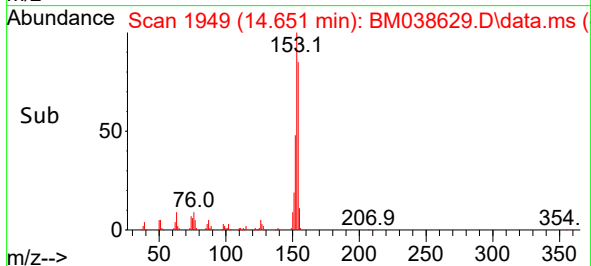
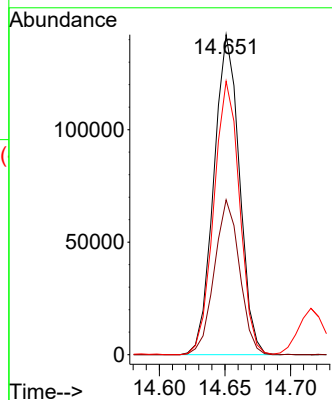
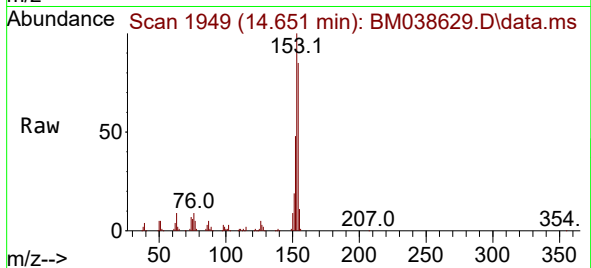
Tgt Ion:153 Resp: 193434

Ion Ratio Lower Upper

153 100

152 48.4 40.6 61.0

154 85.4 68.7 103.1



#53

2,4-Dinitrophenol

Concen: 25.986 ng/ul

RT: 14.716 min Scan# 1960

Delta R.T. -0.006 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

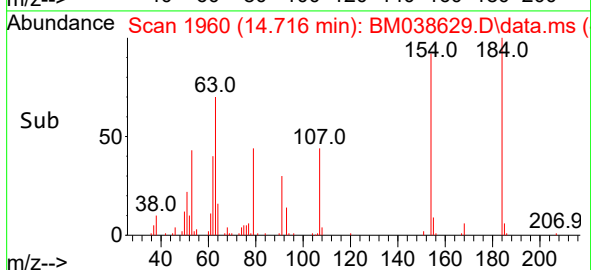
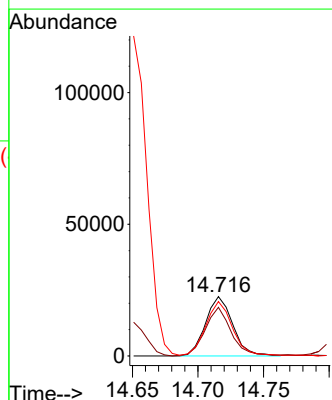
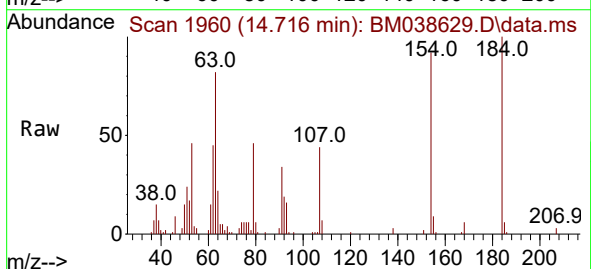
Tgt Ion:184 Resp: 32525

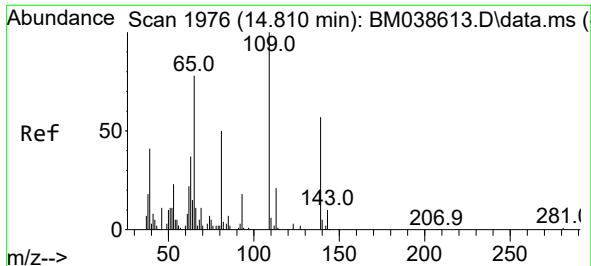
Ion Ratio Lower Upper

184 100

63 81.9 59.7 89.5

154 91.6 79.6 119.4

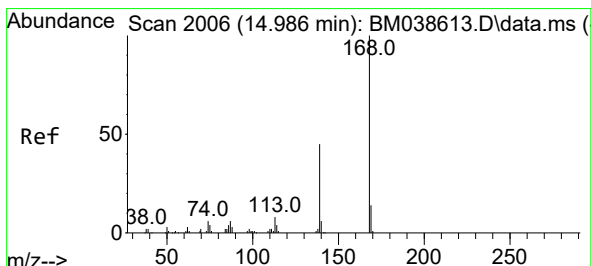
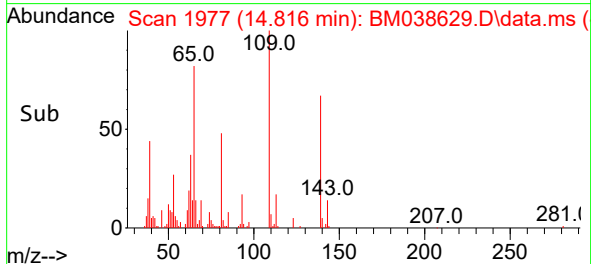
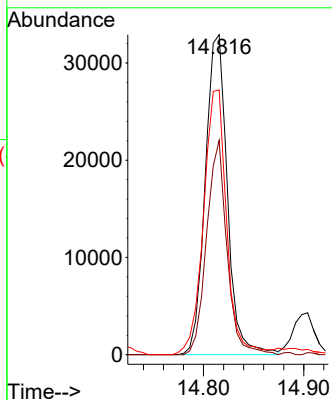
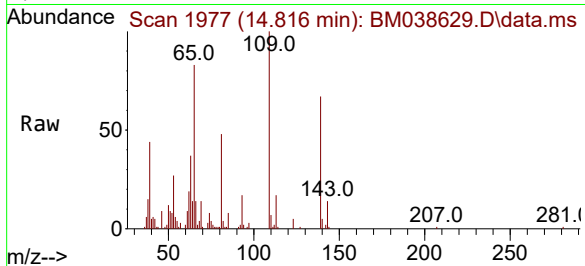




#55
4-Nitrophenol
Concen: 25.452 ng/ul
RT: 14.816 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

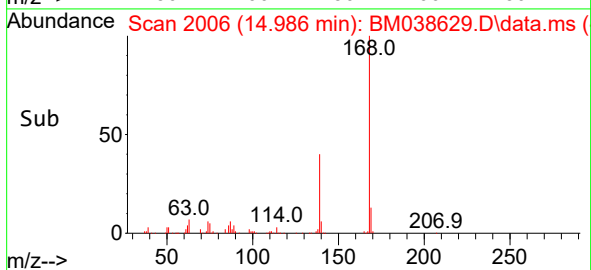
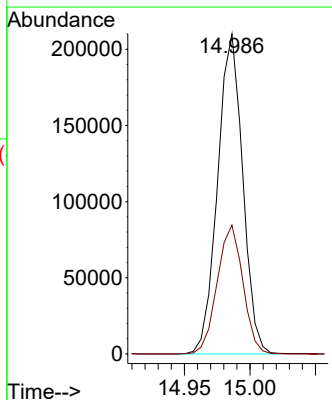
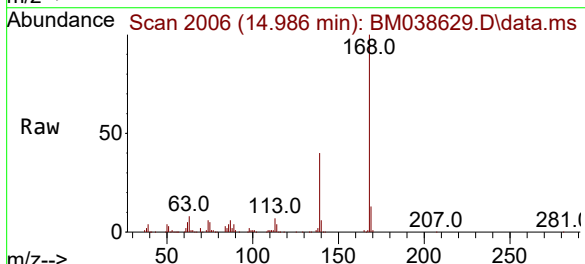
Instrument :
BNA_M
ClientSampleId :

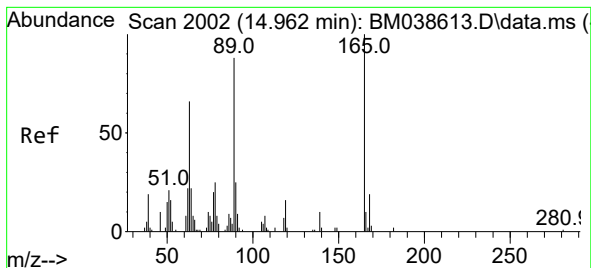
Tgt Ion:109 Resp: 50468
Ion Ratio Lower Upper
109 100
139 67.0 41.3 61.9#
65 82.8 63.4 95.2



#56
Dibenzofuran
Concen: 27.763 ng/ul
RT: 14.986 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Tgt Ion:168 Resp: 279432
Ion Ratio Lower Upper
168 100
139 40.2 35.4 53.0





#57

2,4-Dinitrotoluene

Concen: 28.539 ng/ul

RT: 14.963 min Scan# 2002

Delta R.T. 0.000 min

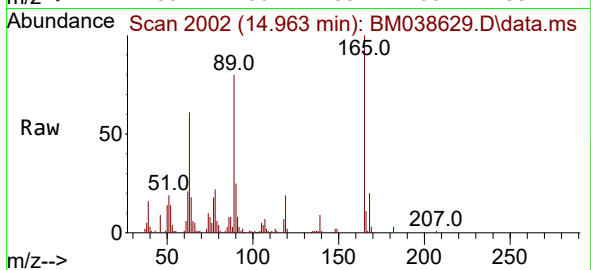
Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

Instrument :

BNA_M

ClientSampleId :



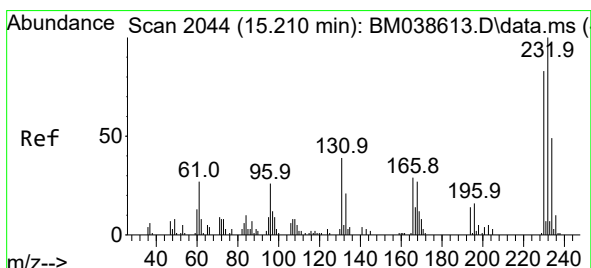
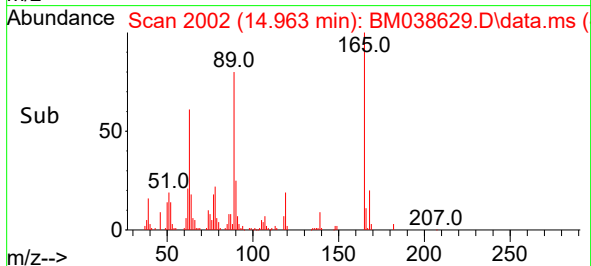
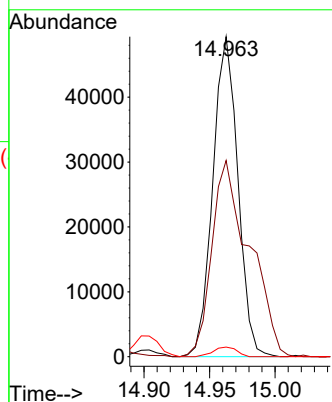
Tgt Ion:165 Resp: 65492

Ion Ratio Lower Upper

165 100

63 61.3 53.1 79.7

182 3.0 2.8 4.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.270 ng/ul

RT: 15.210 min Scan# 2044

Delta R.T. -0.006 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

Tgt Ion:232 Resp: 73240

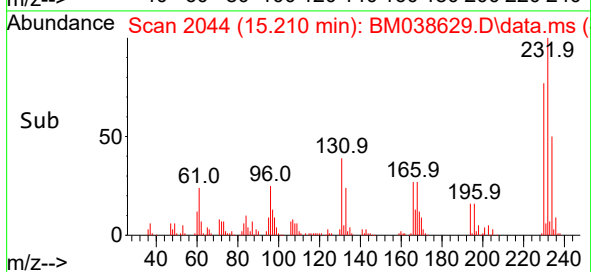
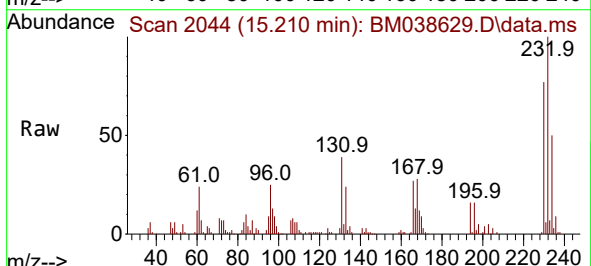
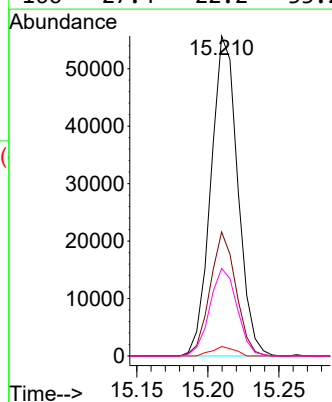
Ion Ratio Lower Upper

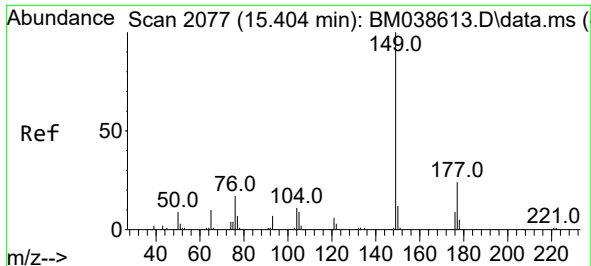
232 100

131 38.8 30.4 45.6

130 2.9 2.4 3.6

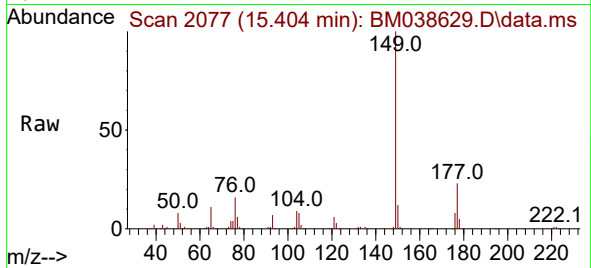
166 27.4 22.2 33.2



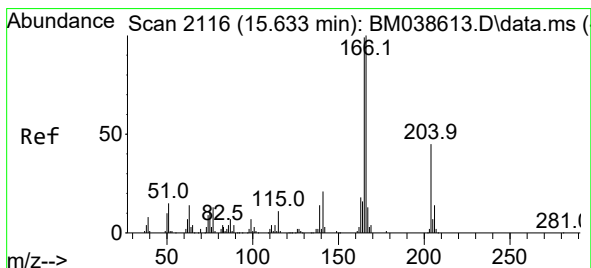
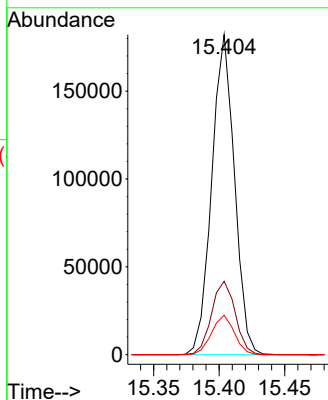
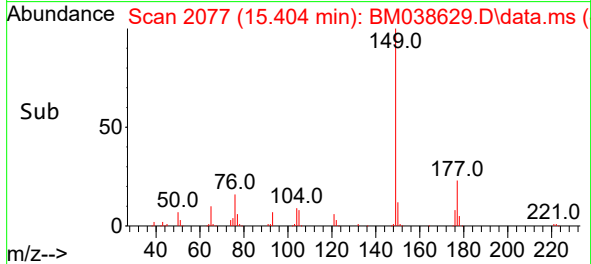


#59
Diethylphthalate
Concen: 27.847 ng/ul
RT: 15.404 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

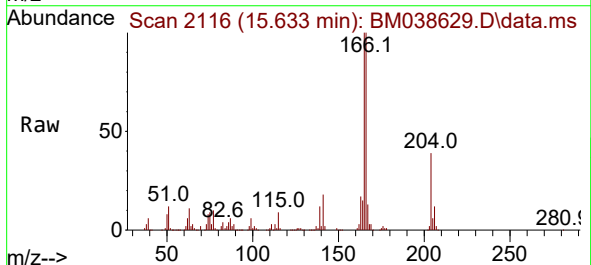
Instrument :
BNA_M
ClientSampleId :



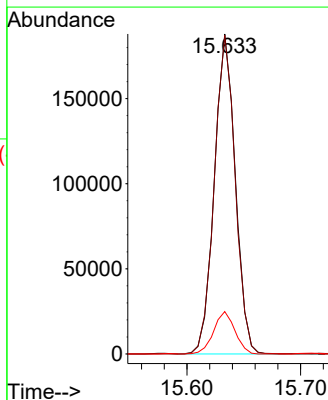
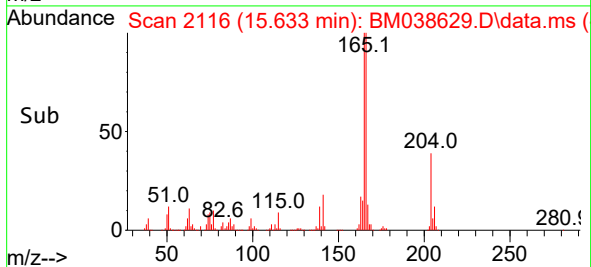
Tgt Ion:149 Resp: 219463
Ion Ratio Lower Upper
149 100
177 23.0 18.0 27.0
150 12.3 10.4 15.6

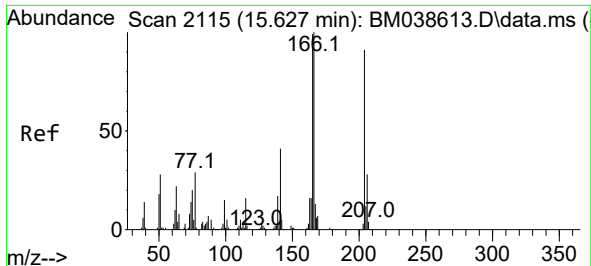


#61
Fluorene
Concen: 28.417 ng/ul
RT: 15.633 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02



Tgt Ion:166 Resp: 240880
Ion Ratio Lower Upper
166 100
165 99.6 83.3 124.9
167 13.3 10.6 16.0

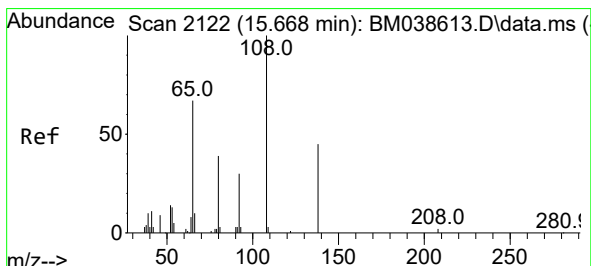
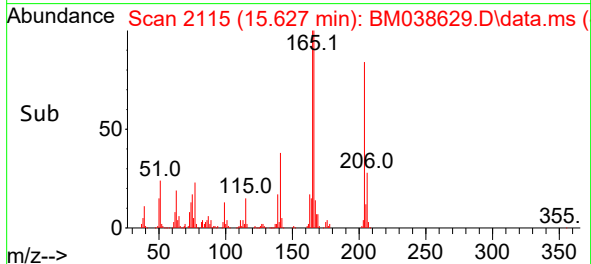
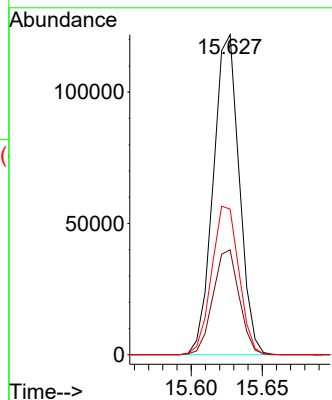
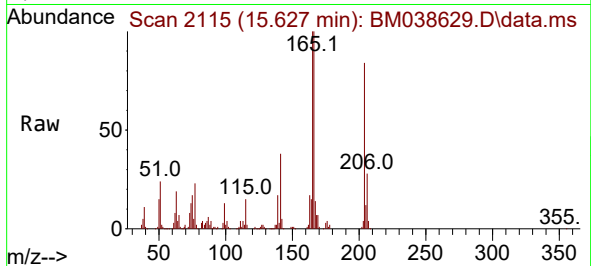




#62
4-Chlorophenyl-phenylether
Concen: 26.000 ng/ul
RT: 15.627 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

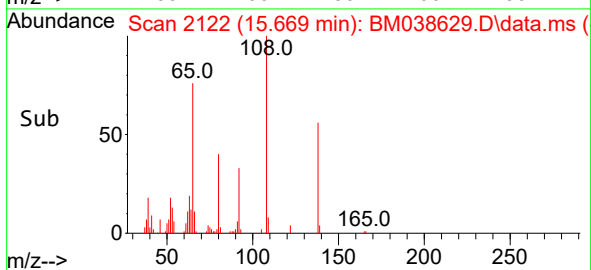
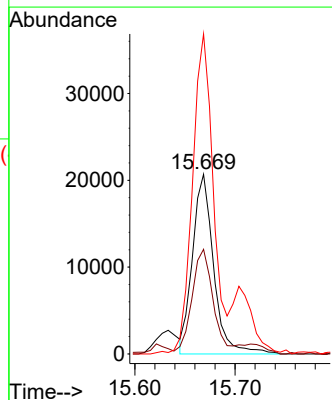
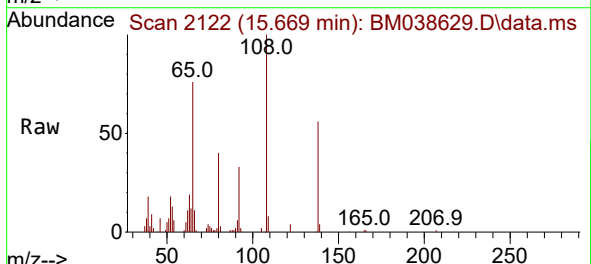
Instrument :
BNA_M
ClientSampleId :

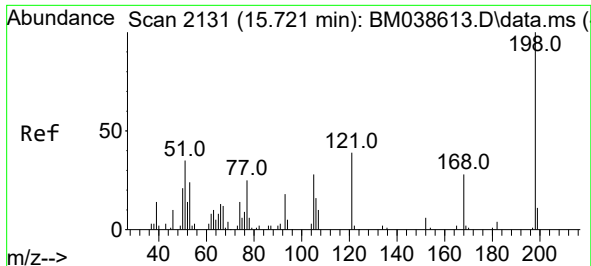
Tgt Ion:204 Resp: 155075
Ion Ratio Lower Upper
204 100
206 32.7 27.9 41.9
141 45.5 41.4 62.0



#63
4-Nitroaniline
Concen: 32.871 ng/ul
RT: 15.669 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Tgt Ion:138 Resp: 30372
Ion Ratio Lower Upper
138 100
92 58.2 51.9 77.9
108 178.1 156.2 234.4

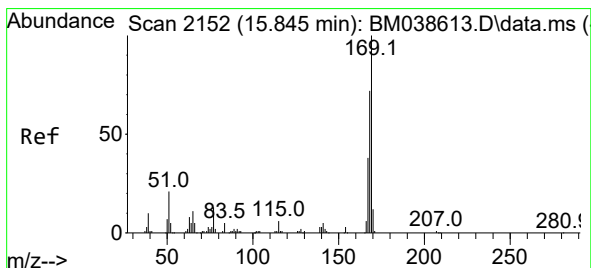
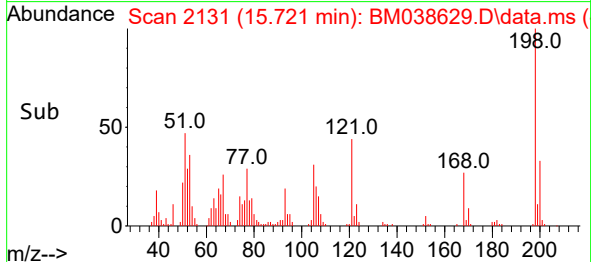
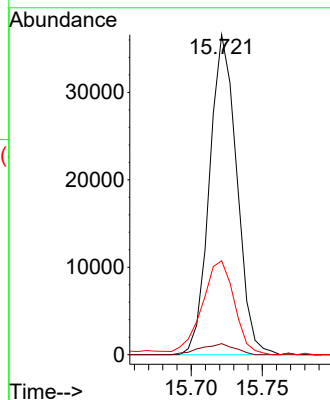
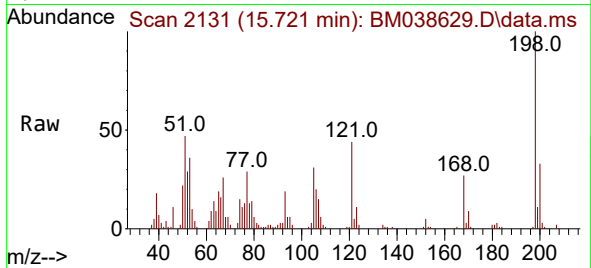




#66
 4,6-Dinitro-2-methylphenol
 Concen: 26.991 ng/ul
 RT: 15.721 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BM038629.D
 Acq: 31 Jan 2023 21:02

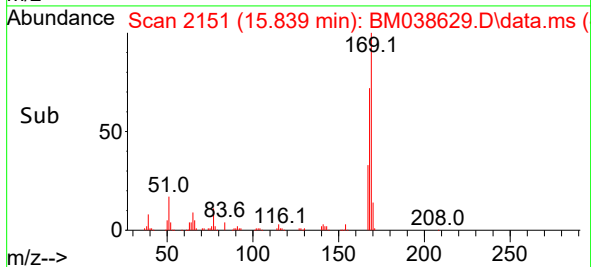
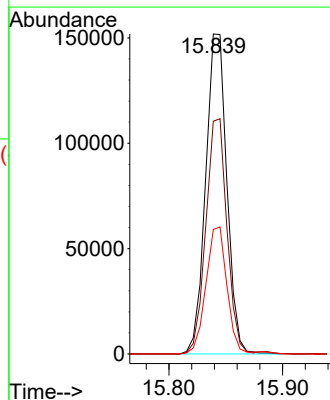
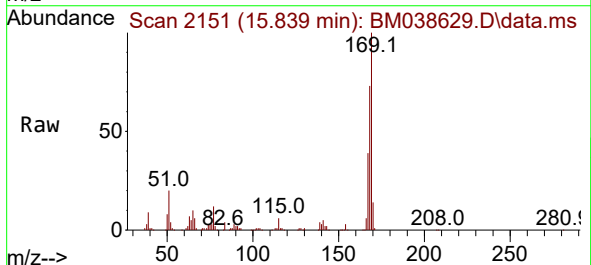
Instrument :
 BNA_M
 ClientSampleId :

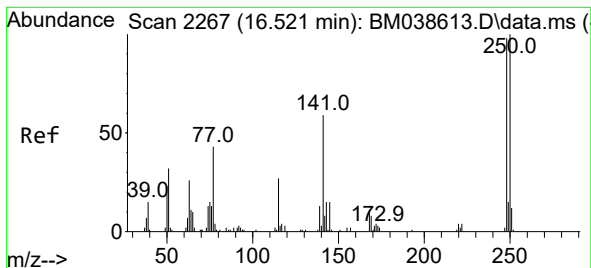
Tgt Ion:198 Resp: 48896
 Ion Ratio Lower Upper
 198 100
 182 3.4 2.7 4.1
 77 29.3 23.9 35.9



#67
 N-Nitrosodiphenylamine
 Concen: 31.181 ng/ul
 RT: 15.839 min Scan# 2151
 Delta R.T. -0.006 min
 Lab File: BM038629.D
 Acq: 31 Jan 2023 21:02

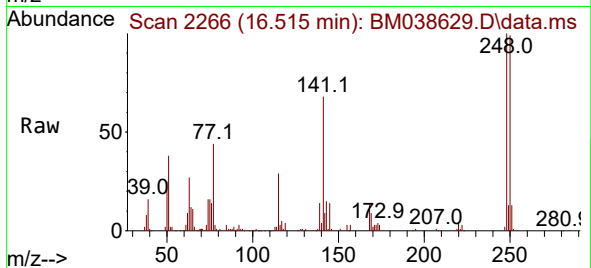
Tgt Ion:169 Resp: 197136
 Ion Ratio Lower Upper
 169 100
 168 72.7 59.1 88.7
 167 38.9 31.6 47.4



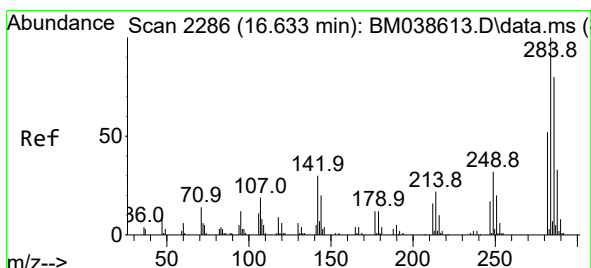
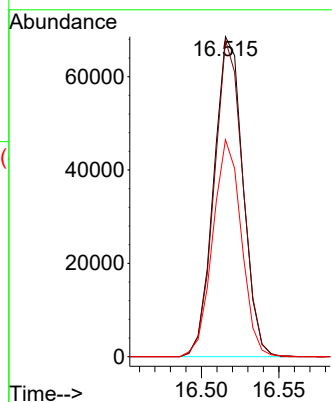
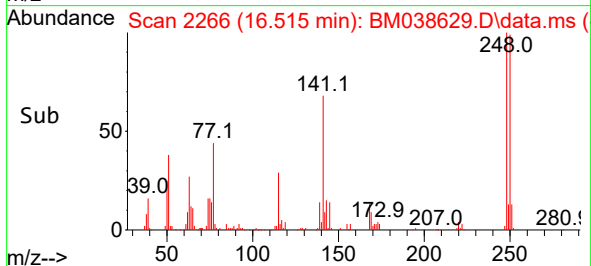


#68
4-Bromophenyl-phenylether
Concen: 28.346 ng/ul
RT: 16.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

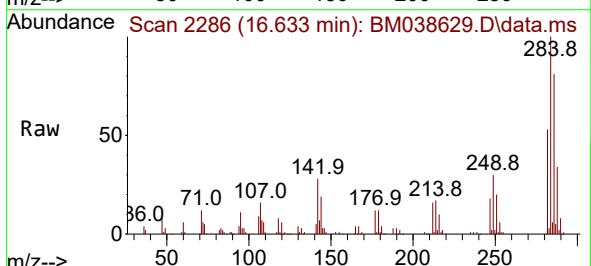
Instrument :
BNA_M
ClientSampleId :



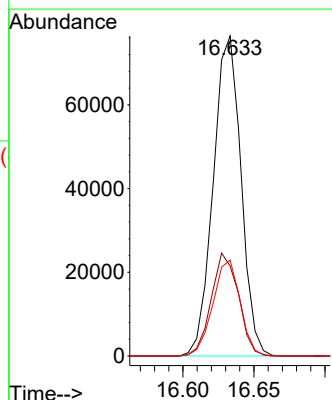
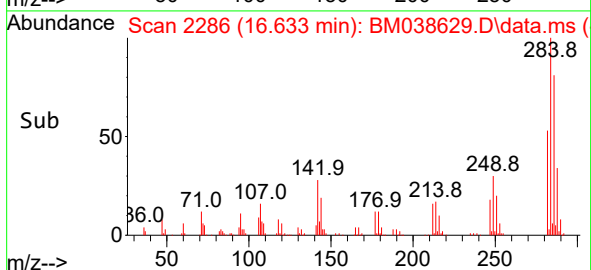
Tgt Ion:248 Resp: 89566
Ion Ratio Lower Upper
248 100
250 99.0 77.8 116.6
141 67.8 52.3 78.5

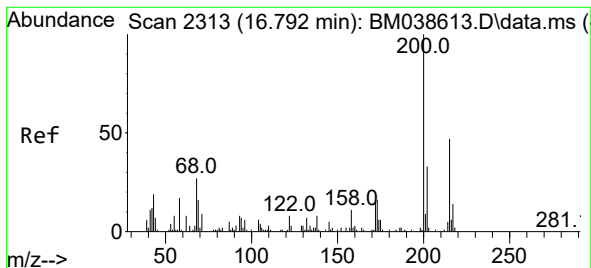


#69
Hexachlorobenzene
Concen: 28.134 ng/ul
RT: 16.633 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02



Tgt Ion:284 Resp: 103772
Ion Ratio Lower Upper
284 100
142 28.1 28.0 42.0
249 30.0 23.9 35.9





#70

Atrazine

Concen: 26.801 ng/ul

RT: 16.792 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

Instrument :

BNA_M

ClientSampleId :

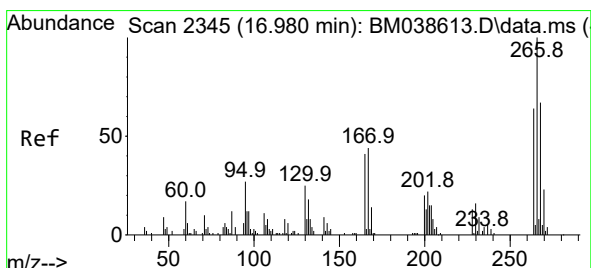
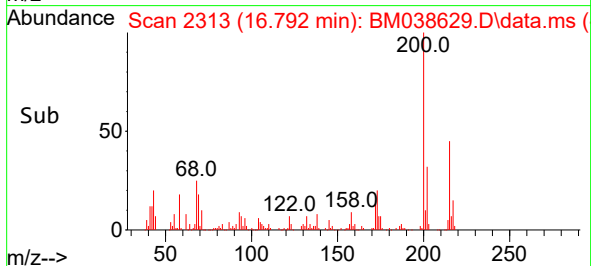
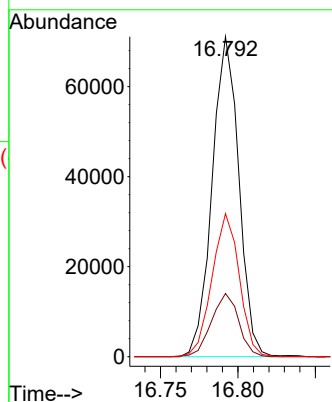
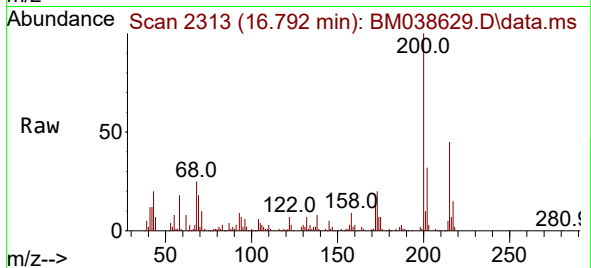
Tgt Ion:200 Resp: 85021

Ion Ratio Lower Upper

200 100

173 19.8 15.2 22.8

215 44.7 36.6 54.8



#71

Pentachlorophenol

Concen: 25.843 ng/ul

RT: 16.980 min Scan# 2345

Delta R.T. 0.000 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

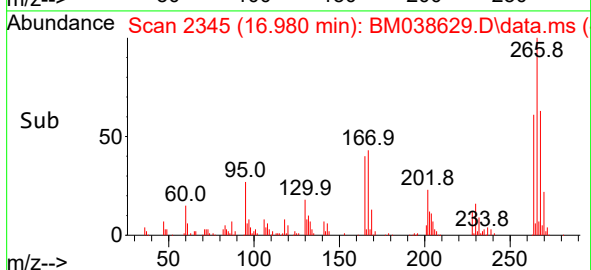
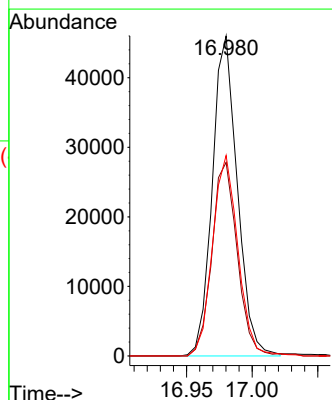
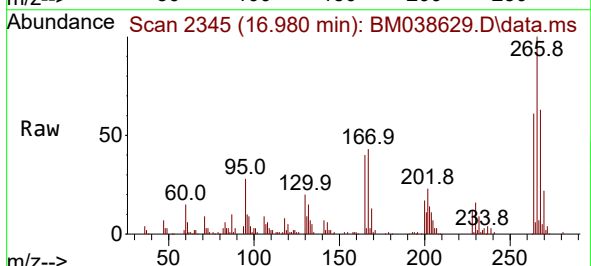
Tgt Ion:266 Resp: 60974

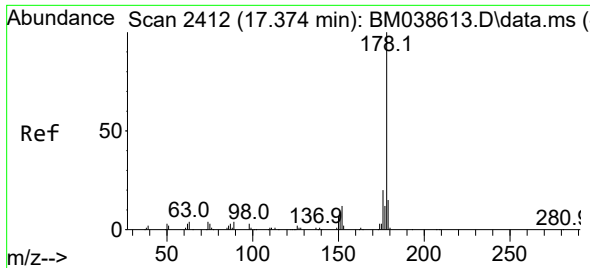
Ion Ratio Lower Upper

266 100

264 60.5 47.2 70.8

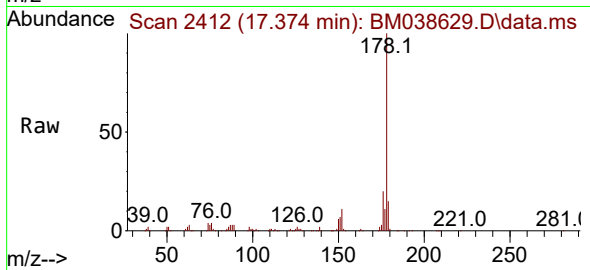
268 62.6 45.8 68.6



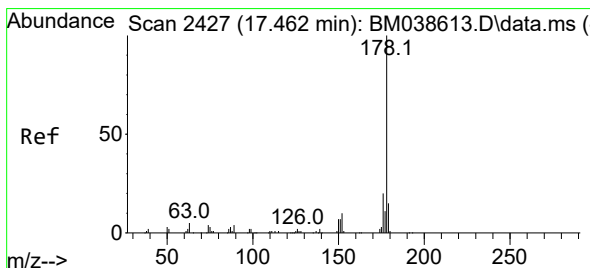
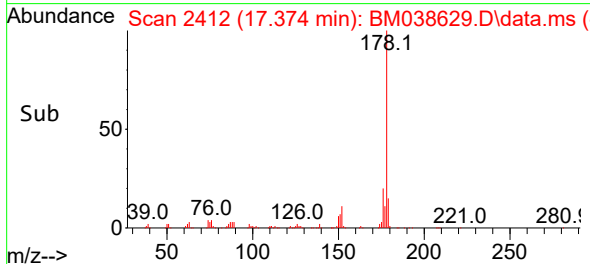
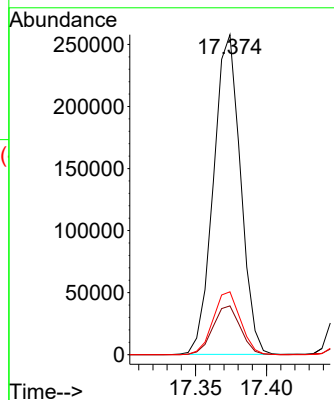


#72
Phenanthrene
Concen: 29.068 ng/u1
RT: 17.374 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Instrument :
BNA_M
ClientSampleId :

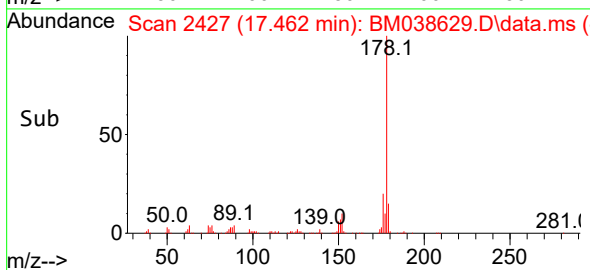
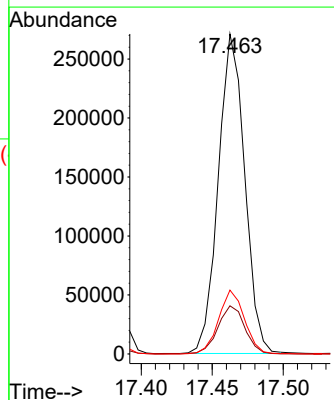
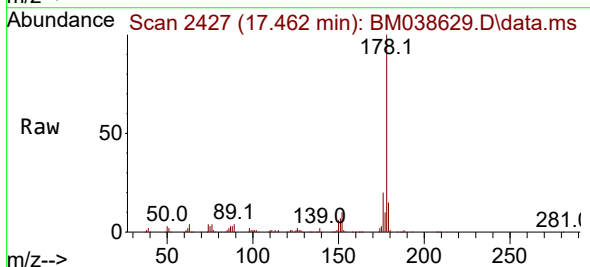


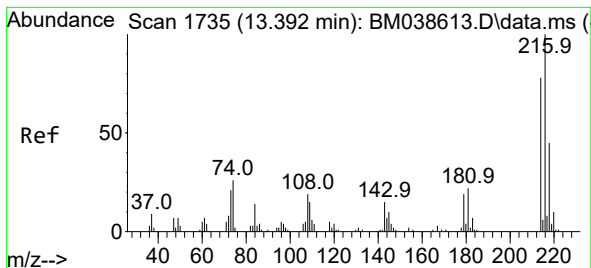
Tgt Ion:178 Resp: 340646
Ion Ratio Lower Upper
178 100
179 15.3 11.7 17.5
176 19.6 16.2 24.2



#74
Anthracene
Concen: 28.527 ng/u1
RT: 17.462 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Tgt Ion:178 Resp: 350079
Ion Ratio Lower Upper
178 100
179 15.0 12.3 18.5
176 19.9 16.3 24.5

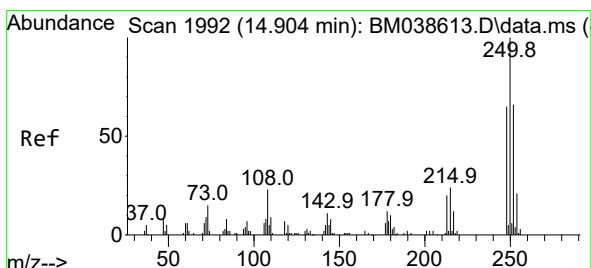
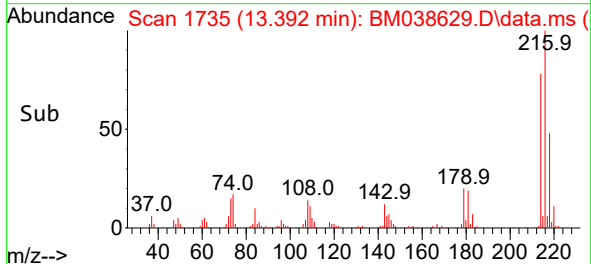
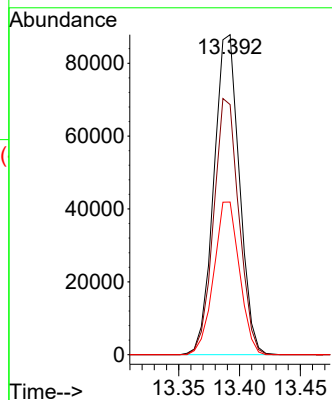
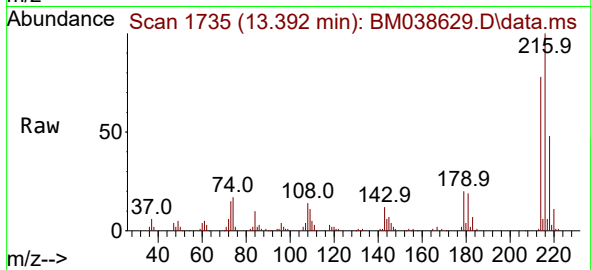




#75
1,2,3,4-Tetrachlorobenzene
Concen: 29.712 ng/uL
RT: 13.392 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

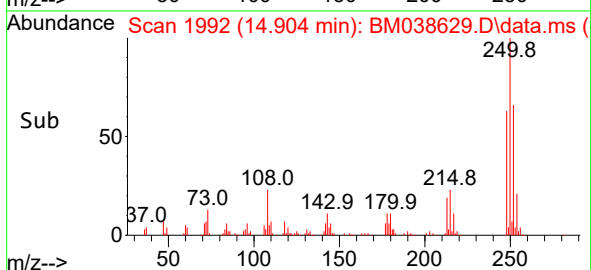
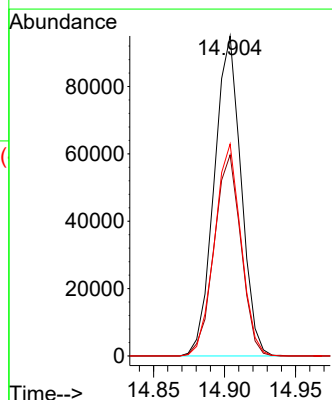
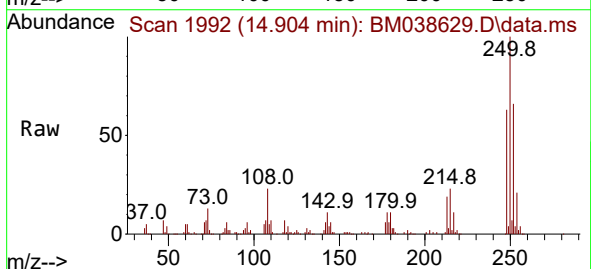
Instrument :
BNA_M
ClientSampleId :

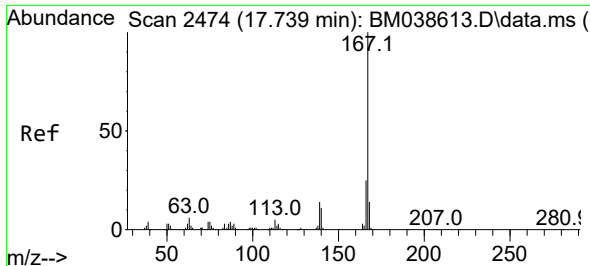
Tgt Ion:216 Resp: 128063
Ion Ratio Lower Upper
216 100
214 78.2 62.5 93.7
218 47.7 37.4 56.0



#76
Pentachlorobenzene
Concen: 27.829 ng/uL
RT: 14.904 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Tgt Ion:250 Resp: 124812
Ion Ratio Lower Upper
250 100
248 62.8 50.6 75.8
252 66.3 51.3 76.9

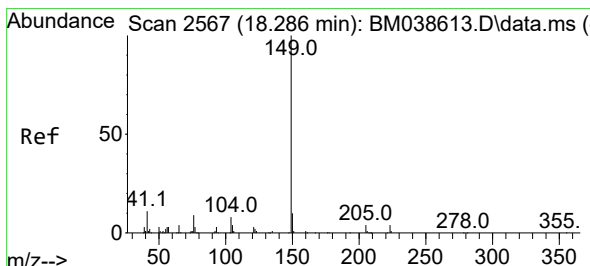
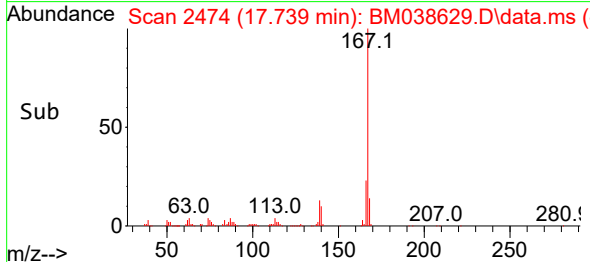
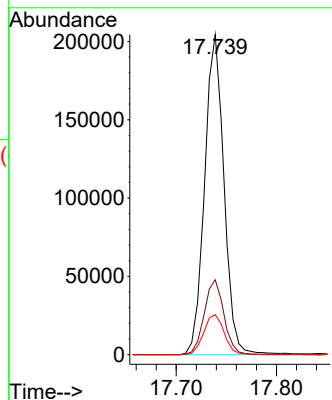
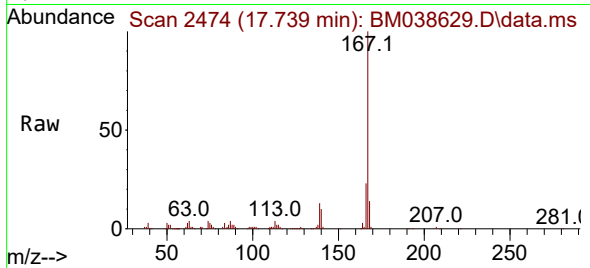




#77
 Carbazole
 Concen: 25.767 ng/ul
 RT: 17.739 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BM038629.D
 Acq: 31 Jan 2023 21:02

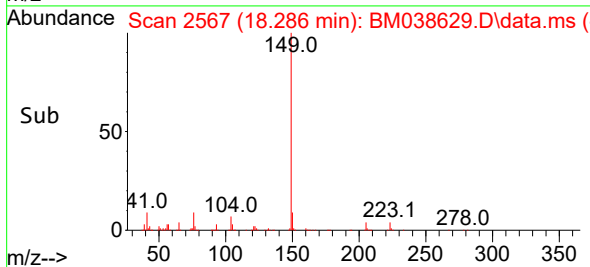
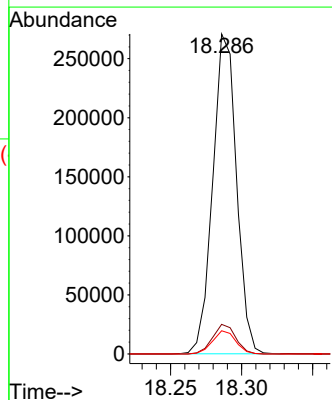
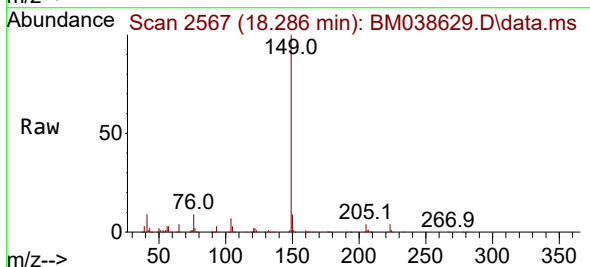
Instrument :
 BNA_M
 ClientSampleId :

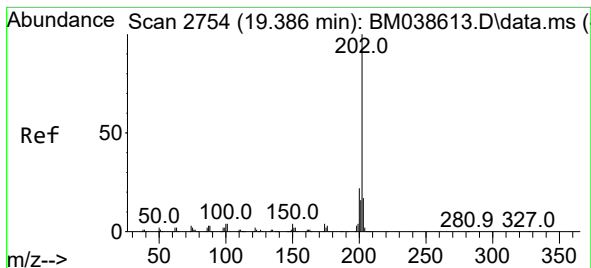
Tgt Ion:167 Resp: 274469
 Ion Ratio Lower Upper
 167 100
 166 23.4 19.5 29.3
 139 12.5 11.3 16.9



#78
 Di-n-butylphthalate
 Concen: 30.504 ng/ul
 RT: 18.286 min Scan# 2567
 Delta R.T. -0.006 min
 Lab File: BM038629.D
 Acq: 31 Jan 2023 21:02

Tgt Ion:149 Resp: 314373
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 7.2 6.2 9.4





#80

Fluoranthene

Concen: 33.726 ng/ul

RT: 19.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

Instrument :

BNA_M

ClientSampleId :

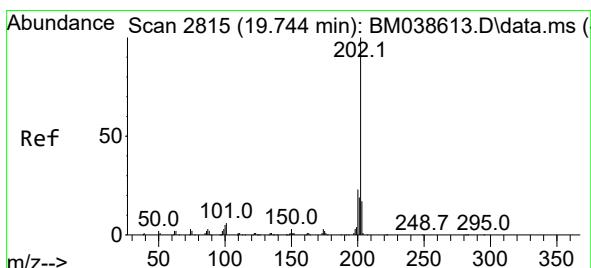
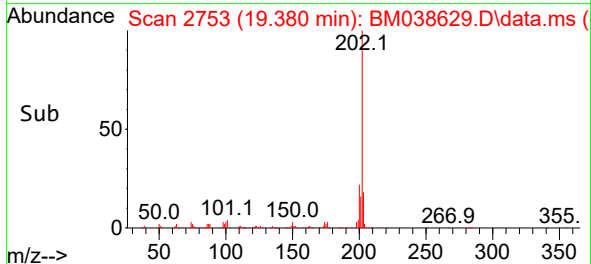
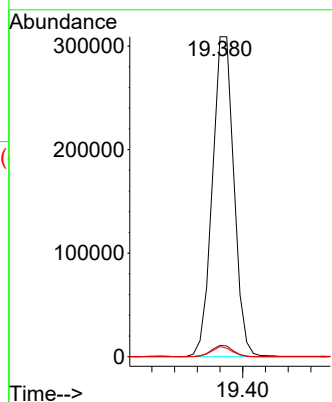
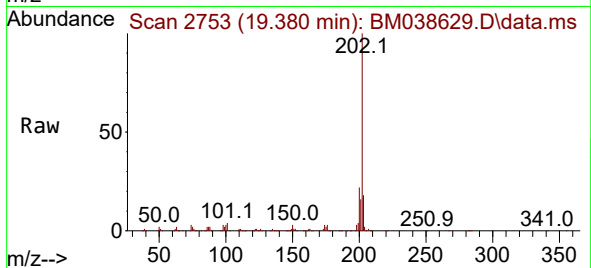
Tgt Ion:202 Resp: 406832

Ion Ratio Lower Upper

202 100

101 3.6 2.8 4.2

100 3.2 2.4 3.6



#82

Pyrene

Concen: 32.758 ng/ul

RT: 19.745 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

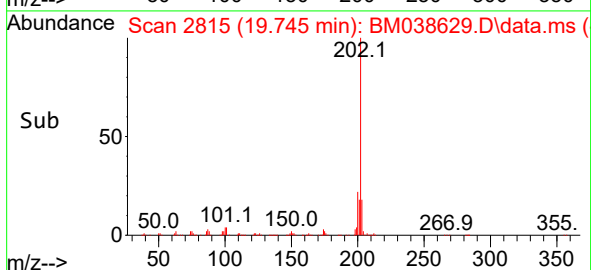
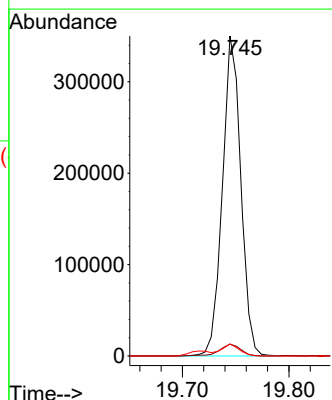
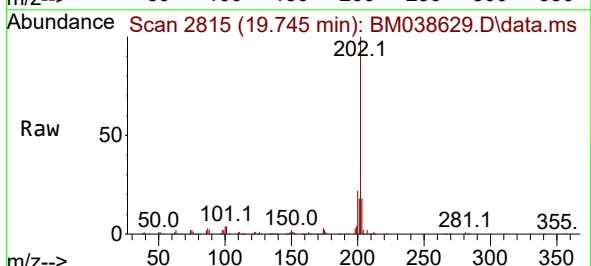
Tgt Ion:202 Resp: 419347

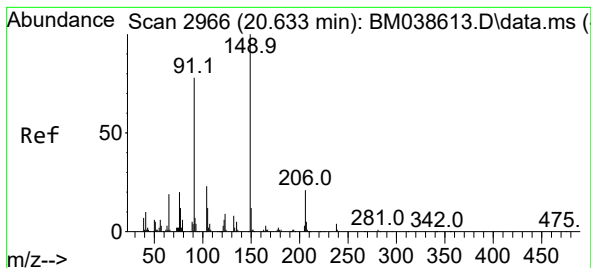
Ion Ratio Lower Upper

202 100

101 3.7 3.3 4.9

100 3.8 2.8 4.2





#83

Butylbenzylphthalate

Concen: 33.648 ng/ul

RT: 20.633 min Scan# 2966

Delta R.T. -0.006 min

Lab File: BM038629.D

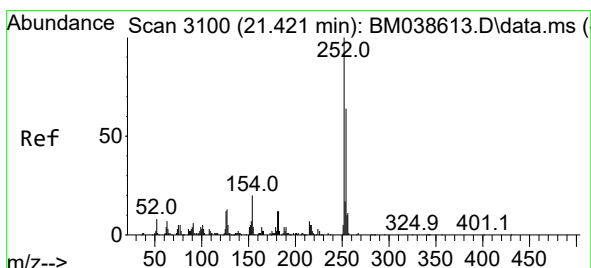
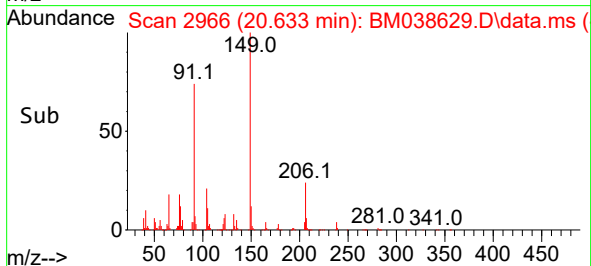
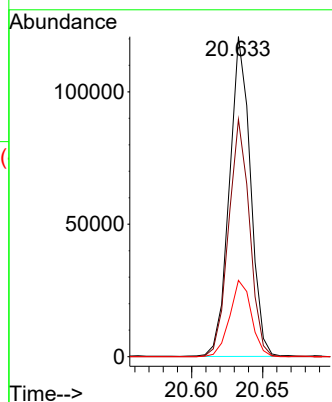
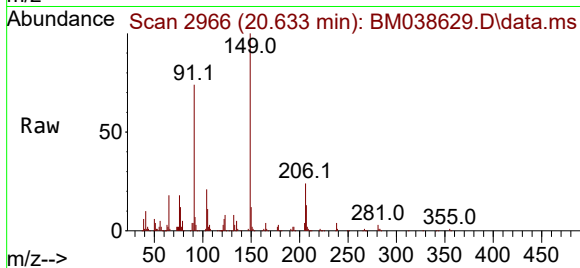
Acq: 31 Jan 2023 21:02

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	149	Resp:	124244
Ion Ratio	Lower	Upper	
149	100		
91	74.1	59.0	88.4
206	23.8	19.0	28.6



#84

3,3'-Dichlorobenzidine

Concen: 27.368 ng/ul

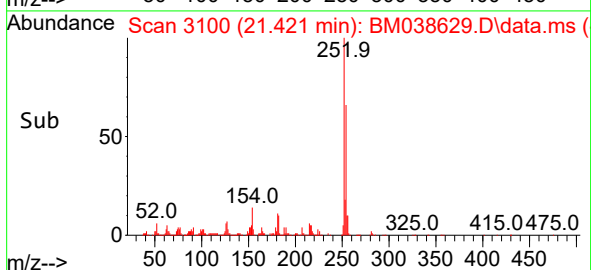
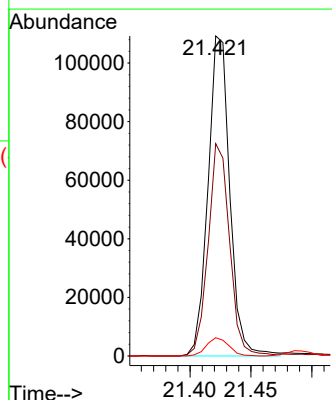
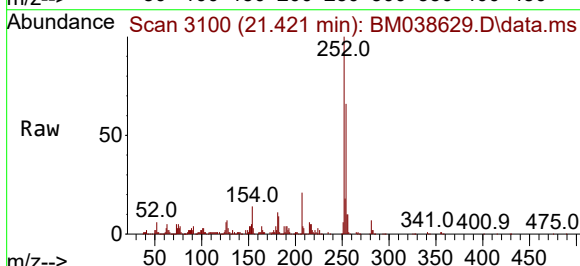
RT: 21.421 min Scan# 3100

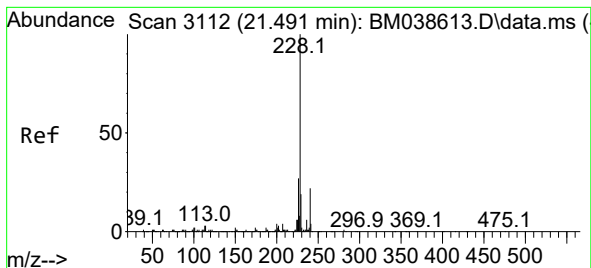
Delta R.T. -0.006 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

Tgt Ion:	252	Resp:	135790
Ion Ratio	Lower	Upper	
252	100		
254	66.3	52.7	79.1
126	5.7	5.0	7.4





#85

Benzo(a)anthracene

Concen: 29.029 ng/ul

RT: 21.492 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

Instrument :

BNA_M

ClientSampleId :

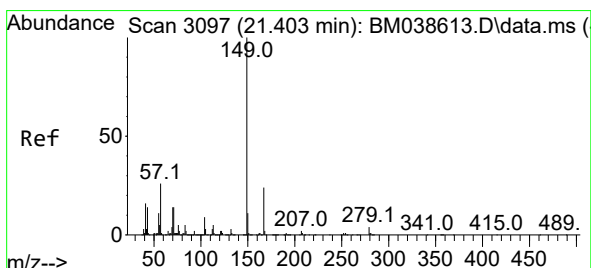
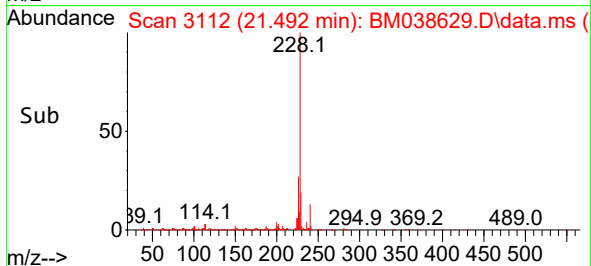
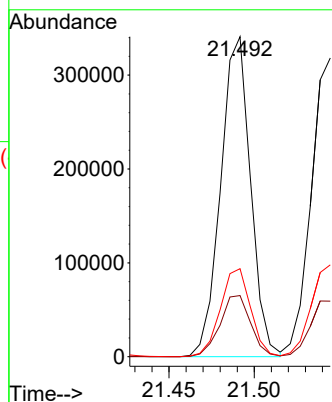
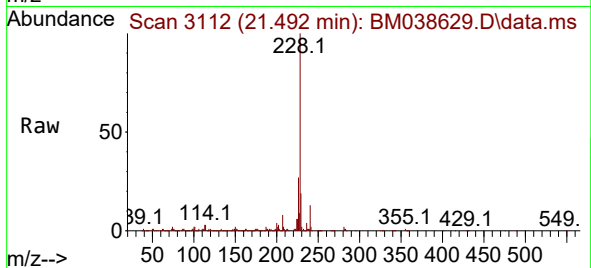
Tgt Ion:228 Resp: 415318

Ion Ratio Lower Upper

228 100

229 19.1 15.8 23.6

226 27.5 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 31.633 ng/ul

RT: 21.403 min Scan# 3097

Delta R.T. 0.000 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

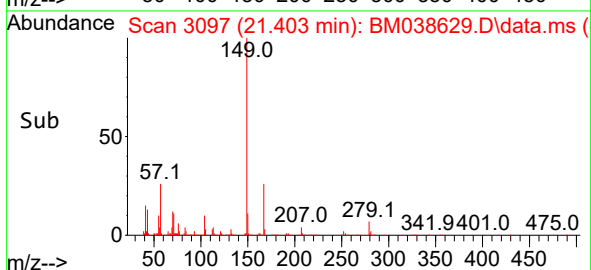
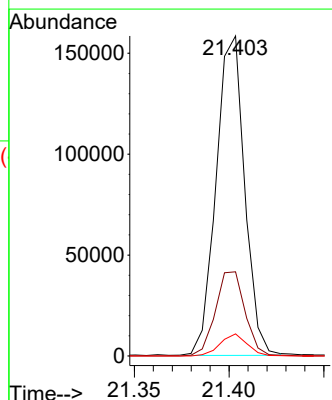
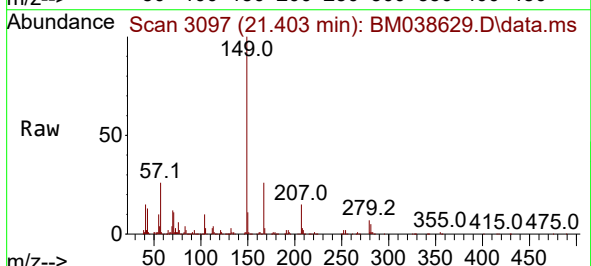
Tgt Ion:149 Resp: 166200

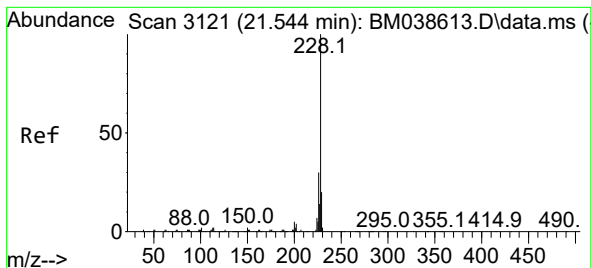
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

279 6.9 5.1 7.7





#87

Chrysene

Concen: 29.234 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

Instrument :

BNA_M

ClientSampleId :

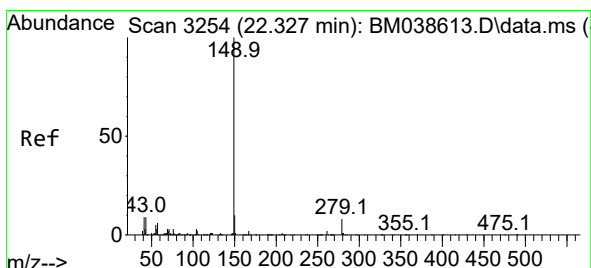
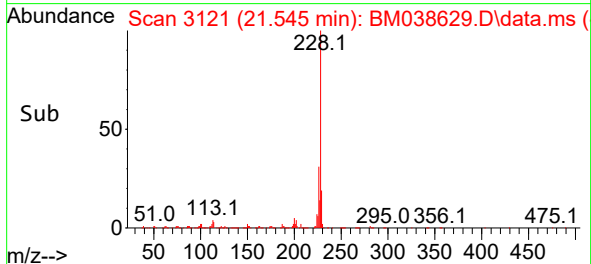
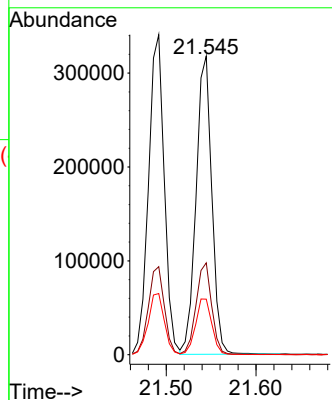
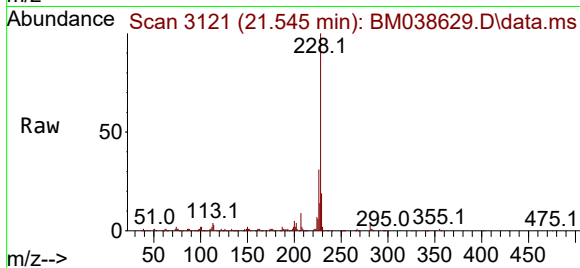
Tgt Ion:228 Resp: 387139

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 18.6 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 26.321 ng/ul

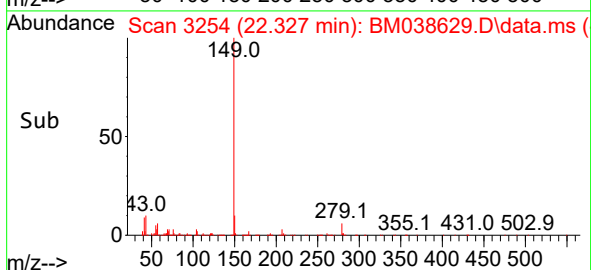
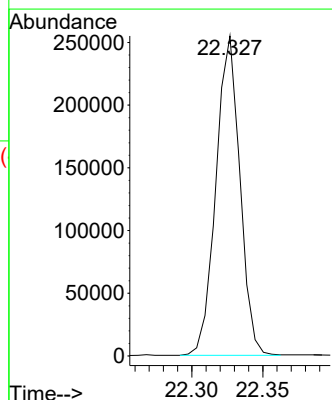
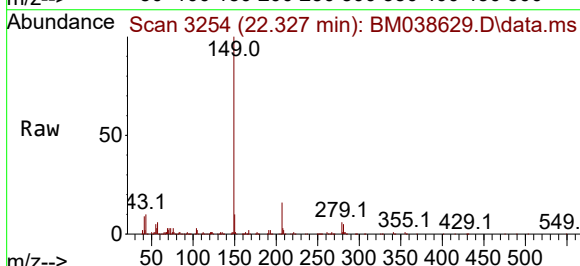
RT: 22.327 min Scan# 3254

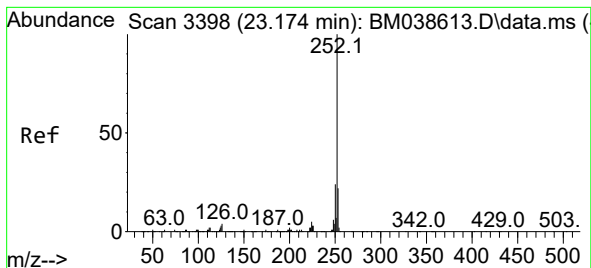
Delta R.T. -0.006 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

Tgt Ion:149 Resp: 298400





#90

Benzo(b)fluoranthene

Concen: 29.783 ng/ul

RT: 23.174 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

Instrument :

BNA_M

ClientSampleId :

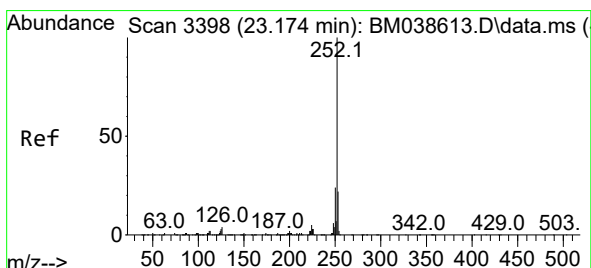
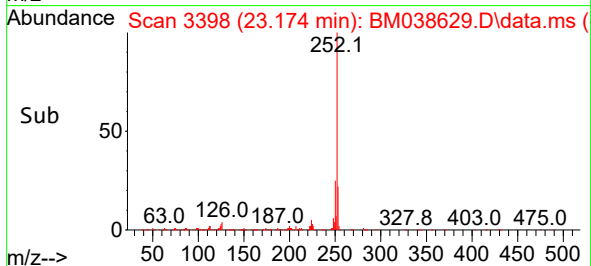
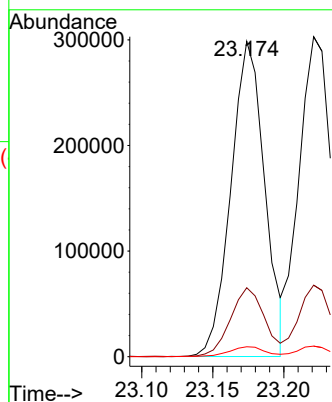
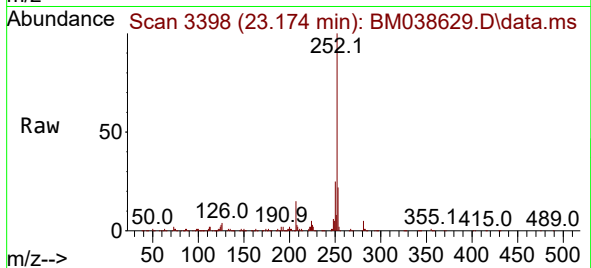
Tgt Ion:252 Resp: 492907

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 3.1 2.6 3.8



#91

Benzo(k)fluoranthene

Concen: 29.297 ng/ul

RT: 23.221 min Scan# 3406

Delta R.T. -0.006 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

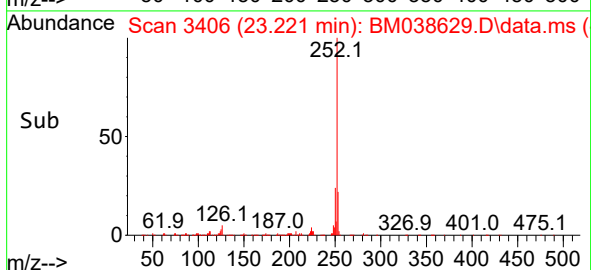
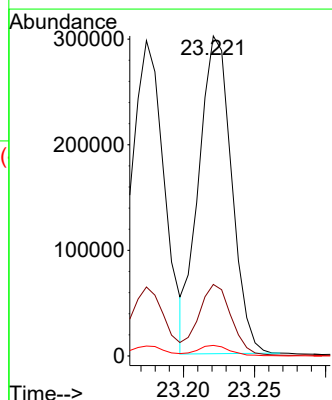
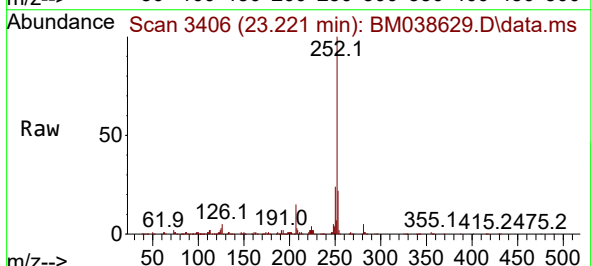
Tgt Ion:252 Resp: 483294

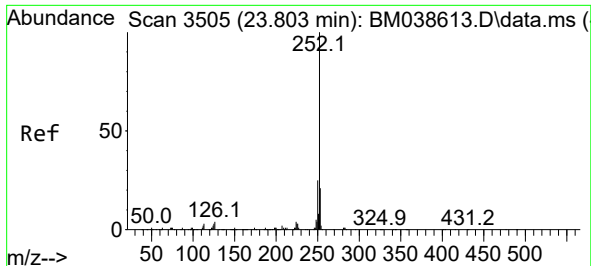
Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

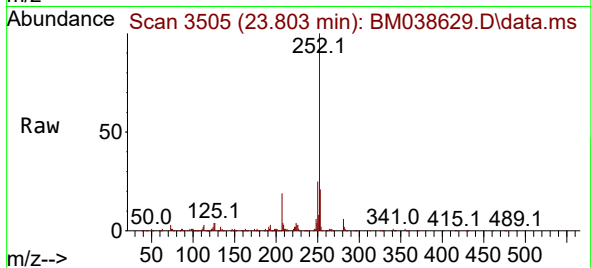
125 3.3 2.6 4.0



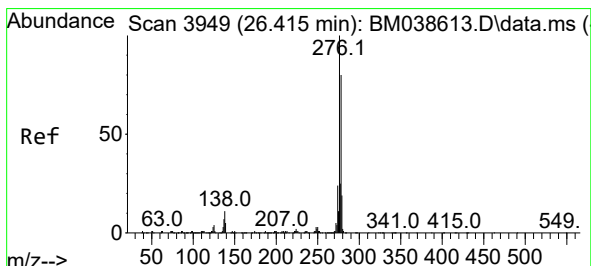
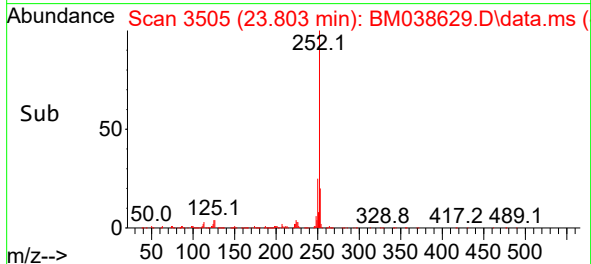
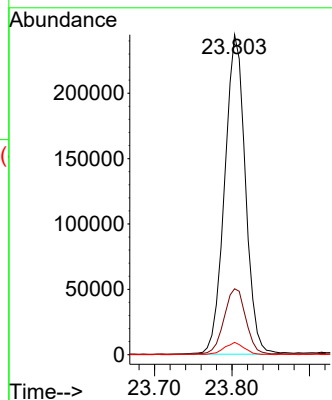


#93
Benzo(a)pyrene
Concen: 29.646 ng/ul
RT: 23.803 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Instrument :
BNA_M
ClientSampleId :

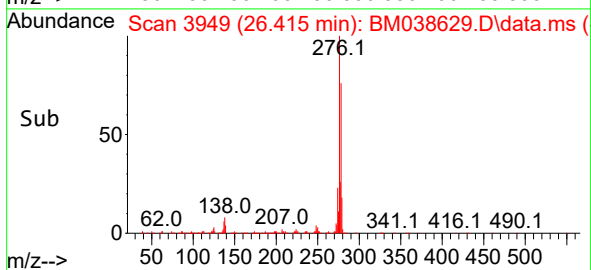
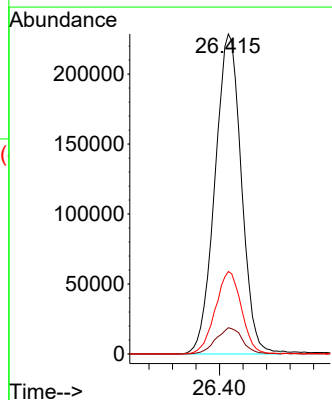
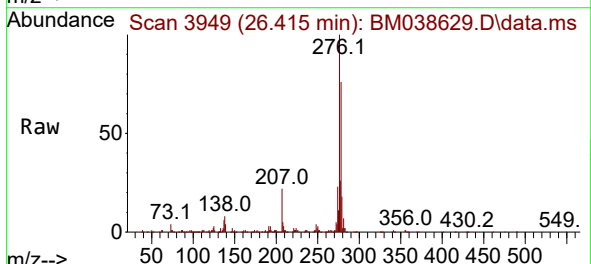


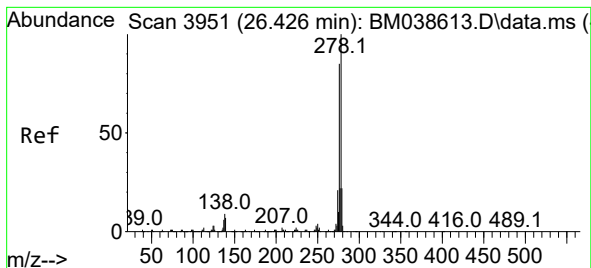
Tgt Ion:252 Resp: 454355
Ion Ratio Lower Upper
252 100
253 20.6 17.8 26.8
125 3.9 2.8 4.2



#94
Indeno(1,2,3-cd)pyrene
Concen: 29.405 ng/ul
RT: 26.415 min Scan# 3949
Delta R.T. -0.006 min
Lab File: BM038629.D
Acq: 31 Jan 2023 21:02

Tgt Ion:276 Resp: 712352
Ion Ratio Lower Upper
276 100
138 8.2 6.1 9.1
277 25.7 20.5 30.7





#95

Dibenzo(a,h)anthracene

Concen: 29.299 ng/ul

RT: 26.427 min Scan# 3951

Delta R.T. -0.006 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

Instrument :

BNA_M

ClientSampleId :

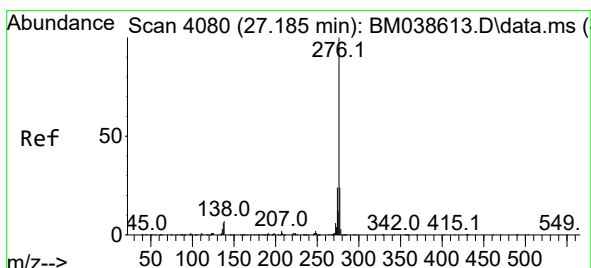
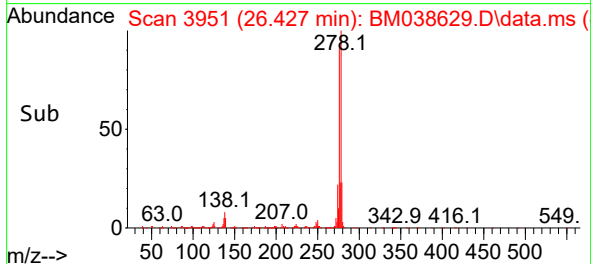
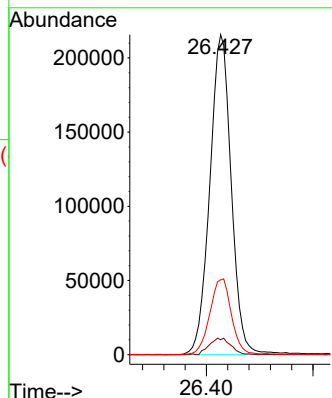
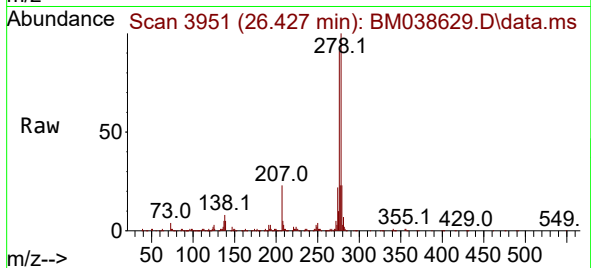
Tgt Ion:278 Resp: 602404

Ion Ratio Lower Upper

278 100

139 4.7 4.3 6.5

279 23.4 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 29.267 ng/ul

RT: 27.191 min Scan# 4081

Delta R.T. -0.006 min

Lab File: BM038629.D

Acq: 31 Jan 2023 21:02

Tgt Ion:276 Resp: 575487

Ion Ratio Lower Upper

276 100

138 7.1 6.0 9.0

277 23.4 19.2 28.8

