

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080923\
 Data File : BM041347.D
 Acq On : 09 Aug 2023 19:47
 Operator : MA/JU
 Sample : 03919-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-38MS

Quant Time: Aug 10 03:27:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 12:20:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	133901	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	549064	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	323704	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	622781	20.000	ng	0.00
76) Chrysene-d12	21.415	240	469264	20.000	ng	0.00
86) Perylene-d12	23.780	264	538778	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1092388	121.931	ng	0.00
7) Phenol-d6	6.969	99	1262505	108.714	ng	0.00
23) Nitrobenzene-d5	8.963	82	1014126	85.894	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	629803	137.553	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2283719	89.122	ng	0.00
79) Terphenyl-d14	19.850	244	2809016	108.230	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.269	88	139480	36.393	ng	# 41
3) Pyridine	3.681	79	352994	35.029	ng	99
4) n-Nitrosodimethylamine	3.587	42	208461	44.728	ng	95
6) Aniline	7.122	93	152712	11.236	ng	99
8) 2-Chlorophenol	7.351	128	468392	53.554	ng	99
9) Benzaldehyde	6.934	77	157643	25.726	ng	99
10) Phenol	6.998	94	512054	45.653	ng	97
11) bis(2-Chloroethyl)ether	7.222	93	475624	52.386	ng	98
12) 1,3-Dichlorobenzene	7.663	146	499650	52.482	ng	99
13) 1,4-Dichlorobenzene	7.816	146	515530	53.874	ng	100
14) 1,2-Dichlorobenzene	8.128	146	500244	54.521	ng	99
15) Benzyl Alcohol	8.045	79	448420	61.144	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.322	45	598205	49.451	ng	96
17) 2-Methylphenol	8.245	107	393676	51.374	ng	98
18) Hexachloroethane	8.845	117	195840	54.972	ng	95
19) n-Nitroso-di-n-propyla...	8.604	70	412540	58.485	ng	98
20) 3+4-Methylphenols	8.581	107	521718	50.920	ng	98
22) Acetophenone	8.622	105	741917	51.020	ng	# 98
24) Nitrobenzene	9.004	77	581061	48.666	ng	99
25) Isophorone	9.528	82	1110139	55.390	ng	99
26) 2-Nitrophenol	9.710	139	264094	56.581	ng	96
27) 2,4-Dimethylphenol	9.780	122	413034	50.288	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	643732	51.276	ng	99
29) 2,4-Dichlorophenol	10.251	162	466424	56.313	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	498277	54.450	ng	98
31) Naphthalene	10.639	128	1483349	49.785	ng	99
32) Benzoic acid	9.951	122	158209	28.979	ng	94
33) 4-Chloroaniline	10.780	127	67012	5.628	ng	99
34) Hexachlorobutadiene	10.904	225	316002	57.415	ng	97
35) Caprolactam	11.604	113	114853	47.934	ng	91
36) 4-Chloro-3-methylphenol	11.910	107	488191	55.999	ng	100
37) 2-Methylnaphthalene	12.257	142	1028951	51.224	ng	98
38) 1-Methylnaphthalene	12.474	142	991923	52.760	ng	100
40) 1,2,4,5-Tetrachloroben...	12.627	216	577176	54.911	ng	# 98
41) Hexachlorocyclopentadiene	12.592	237	580492	104.390	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	387122	57.462	ng	98

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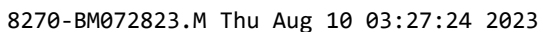
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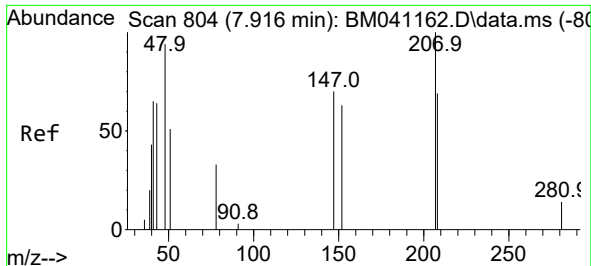
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	408957	52.447	ng	98
46) 1,1'-Biphenyl	13.274	154	1370303	52.217	ng	99
47) 2-Chloronaphthalene	13.321	162	1065594	54.383	ng	99
48) 2-Nitroaniline	13.551	65	315741	50.482	ng	98
49) Acenaphthylene	14.168	152	1703402	53.859	ng	100
50) Dimethylphthalate	13.921	163	1321058	54.254	ng	99
51) 2,6-Dinitrotoluene	14.051	165	282440	55.981	ng	99
52) Acenaphthene	14.515	154	982988	51.593	ng	100
53) 3-Nitroaniline	14.386	138	142767	25.718	ng	96
54) 2,4-Dinitrophenol	14.604	184	229591	68.307	ng	94
55) Dibenzofuran	14.851	168	1592156	51.218	ng	99
56) 4-Nitrophenol	14.710	139	306885	72.984	ng	96
57) 2,4-Dinitrotoluene	14.845	165	378701	52.308	ng	95
58) Fluorene	15.504	166	1269124	51.752	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	350713	55.544	ng	99
60) Diethylphthalate	15.286	149	1274076	54.107	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	668672	54.413	ng	98
62) 4-Nitroaniline	15.557	138	207960	39.455	ng	96
63) Azobenzene	15.792	77	1315396	50.997	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	180438	47.826	ng	93
66) n-Nitrosodiphenylamine	15.721	169	1049654	54.193	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	398485	58.358	ng	99
68) Hexachlorobenzene	16.504	284	458149	60.340	ng	99
69) Atrazine	16.686	200	369772	72.696	ng	99
70) Pentachlorophenol	16.862	266	485429	92.328	ng	100
71) Phenanthrene	17.251	178	1805982	52.193	ng	99
72) Anthracene	17.345	178	1824219	53.305	ng	100
73) Carbazole	17.627	167	1556043	50.236	ng	100
74) Di-n-butylphthalate	18.186	149	2045649	58.445	ng	99
75) Fluoranthene	19.280	202	1940456	49.916	ng	98
77) Benzidine	19.486	184	252711	39.511	ng	100
78) Pyrene	19.645	202	1981090	60.369	ng	99
80) Butylbenzylphthalate	20.550	149	773690	64.561	ng	96
81) Benzo(a)anthracene	21.397	228	1755191	55.173	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	349729	33.690	ng	99
83) Chrysene	21.450	228	1619575	52.635	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1097716	57.168	ng	98
85) Di-n-octyl phthalate	22.233	149	1842412	60.831	ng	96
87) Indeno(1,2,3-cd)pyrene	26.232	276	2153248	54.359	ng	96
88) Benzo(b)fluoranthene	23.062	252	1755752	54.856	ng	98
89) Benzo(k)fluoranthene	23.109	252	1691249	51.657	ng	99
90) Benzo(a)pyrene	23.674	252	1549345	50.379	ng	98
91) Dibenzo(a,h)anthracene	26.238	278	1797408	54.402	ng	98
92) Benzo(g,h,i)perylene	26.991	276	1727100	53.423	ng	97

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

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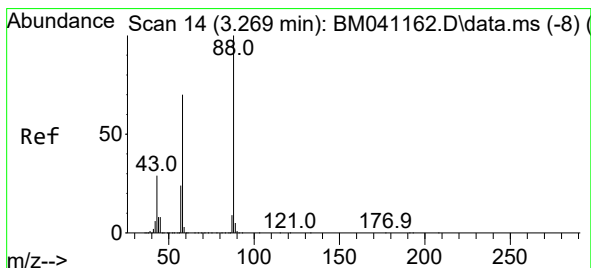
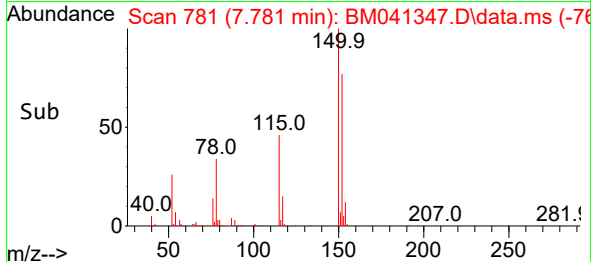
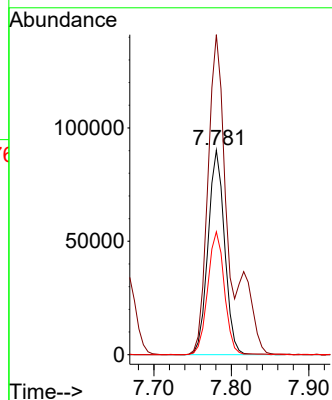
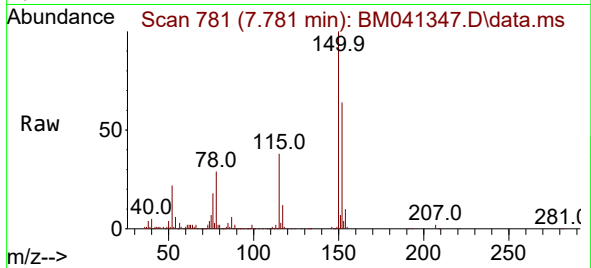




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

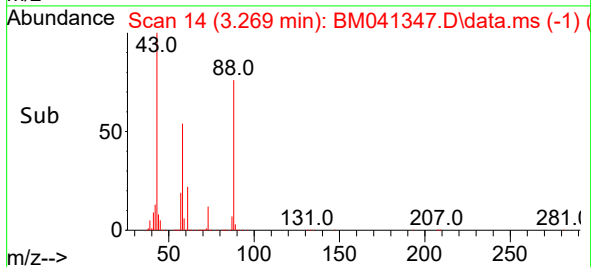
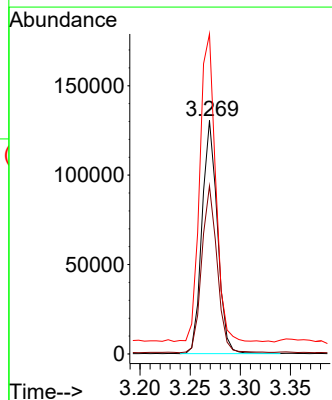
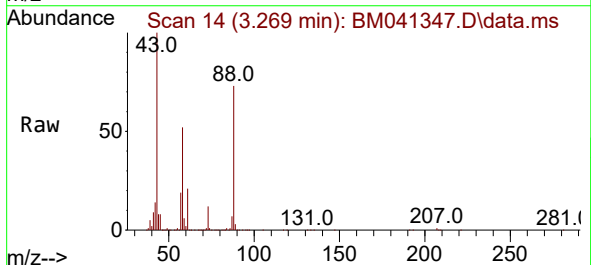
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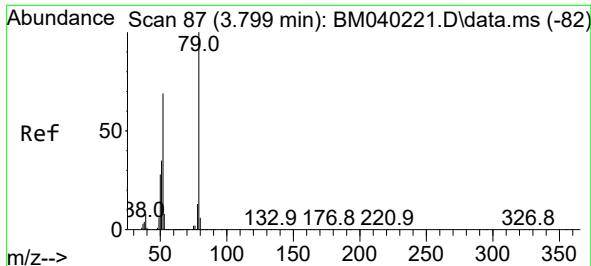
Tgt Ion:152 Resp: 133901
Ion Ratio Lower Upper
152 100
150 156.5 125.5 188.3
115 60.1 48.0 72.0



#2
1,4-Dioxane
Concen: 36.393 ng
RT: 3.269 min Scan# 14
Delta R.T. 0.012 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion: 88 Resp: 139480
Ion Ratio Lower Upper
88 100
58 71.1 58.2 87.4
43 136.1 24.4 36.6#

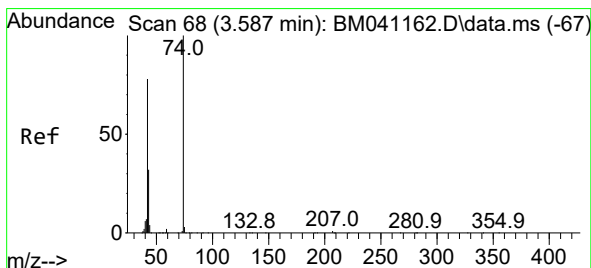
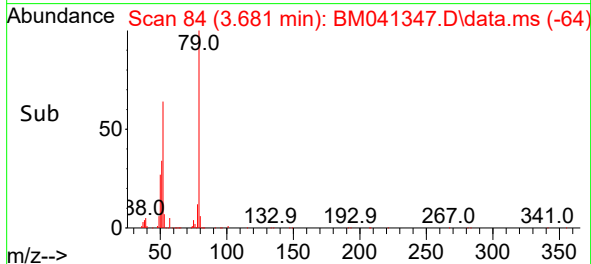
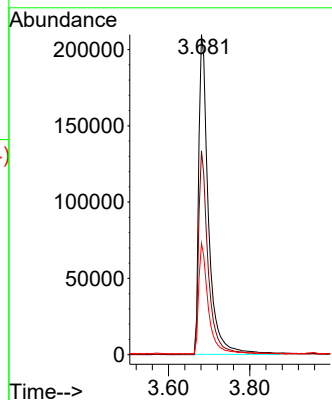
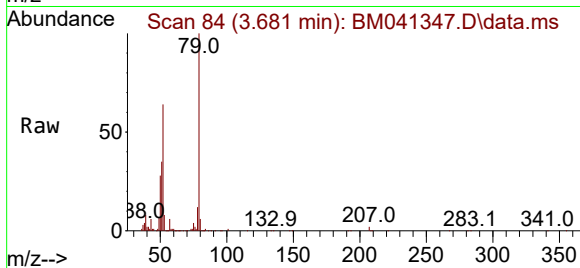




#3
 Pyridine
 Concen: 35.029 ng
 RT: 3.681 min Scan# 84
 Delta R.T. 0.017 min
 Lab File: BM041347.D
 Acq: 09 Aug 2023 19:47

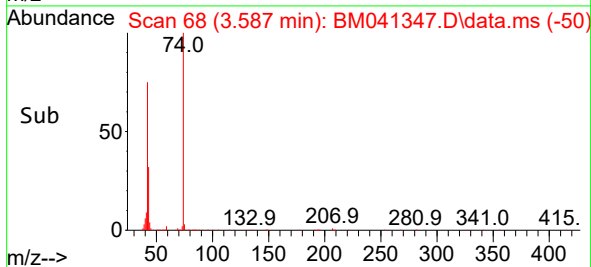
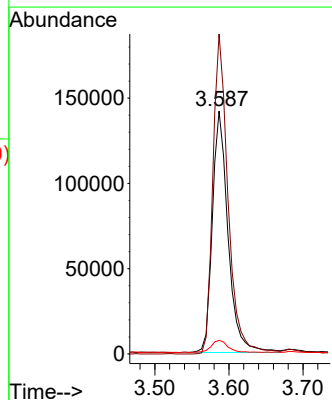
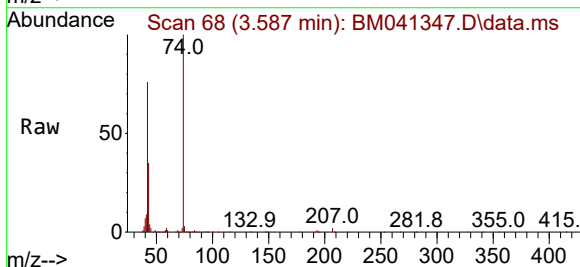
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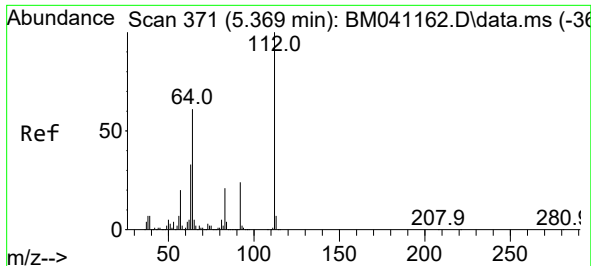
Tgt Ion: 79 Resp: 352994
 Ion Ratio Lower Upper
 79 100
 52 63.7 52.1 78.1
 51 34.8 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 44.728 ng
 RT: 3.587 min Scan# 68
 Delta R.T. 0.006 min
 Lab File: BM041347.D
 Acq: 09 Aug 2023 19:47

Tgt Ion: 42 Resp: 208461
 Ion Ratio Lower Upper
 42 100
 74 131.8 100.8 151.2
 44 5.6 5.0 7.4

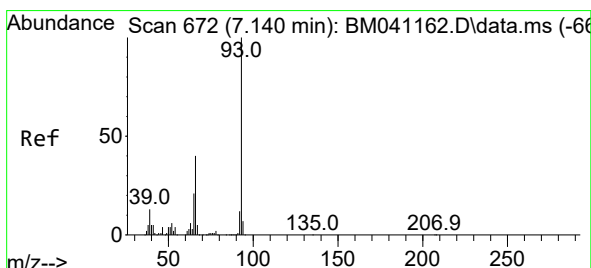
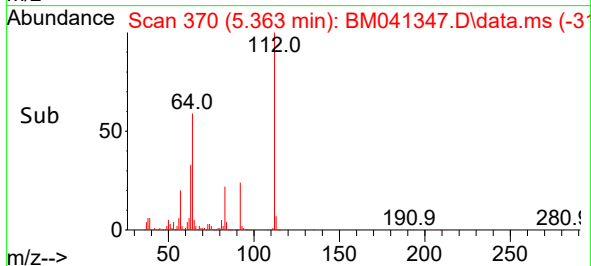
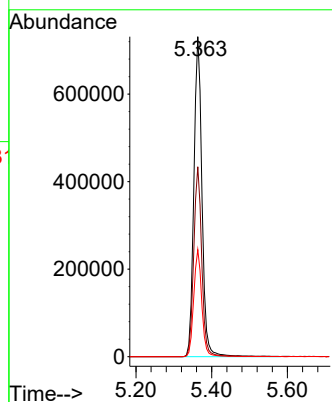
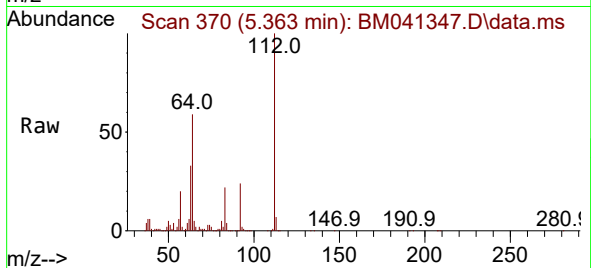




#5
2-Fluorophenol
Concen: 121.931 ng
RT: 5.363 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

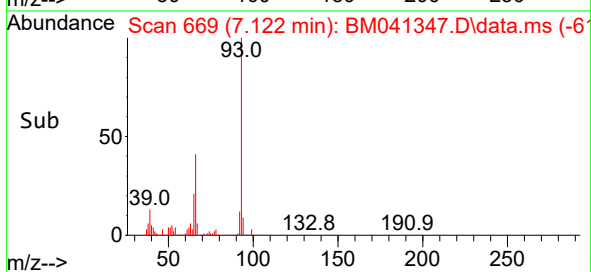
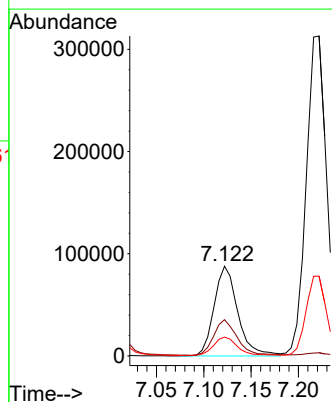
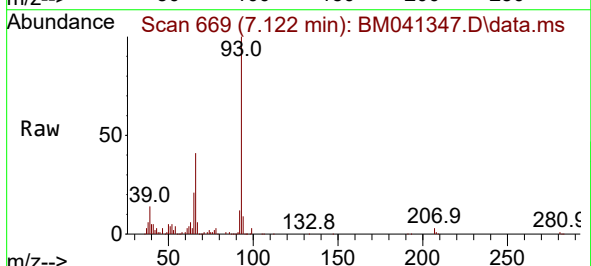
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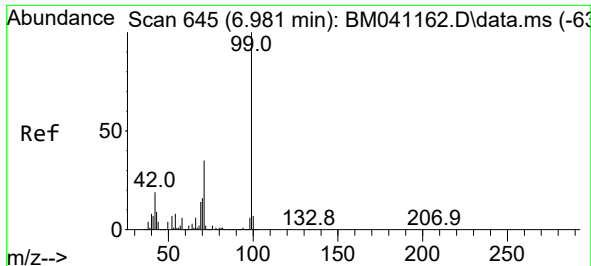
Tgt Ion:112 Resp: 1092388
Ion Ratio Lower Upper
112 100
64 59.3 48.5 72.7
63 33.4 26.5 39.7



#6
Aniline
Concen: 11.236 ng
RT: 7.122 min Scan# 669
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion: 93 Resp: 152712
Ion Ratio Lower Upper
93 100
66 40.5 32.0 48.0
65 21.0 16.6 24.8

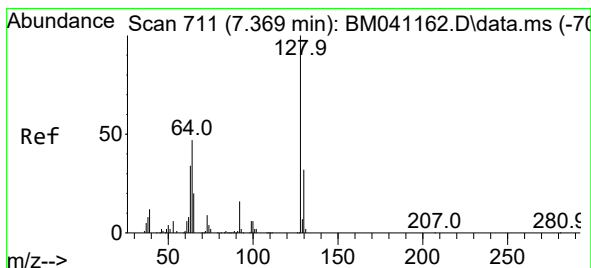
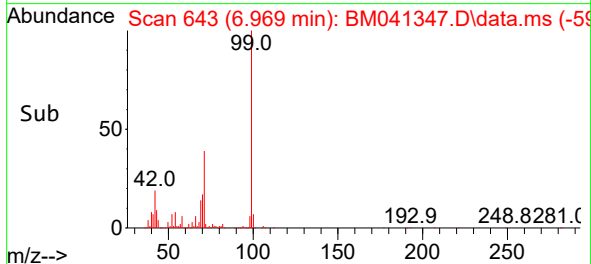
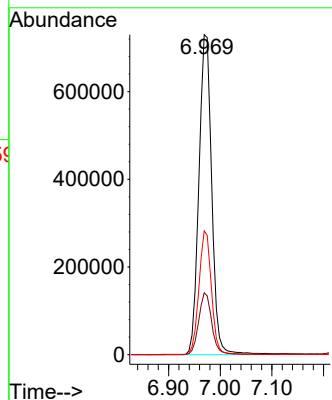
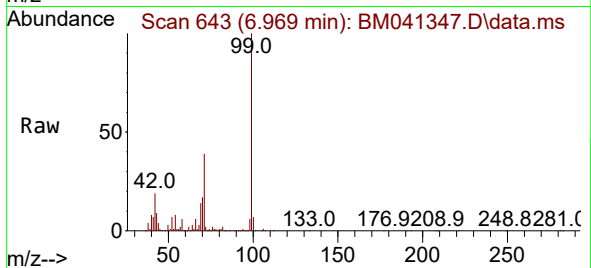




#7
Phenol-d6
Concen: 108.714 ng
RT: 6.969 min Scan# 645
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

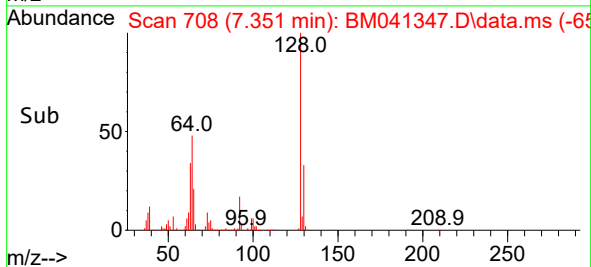
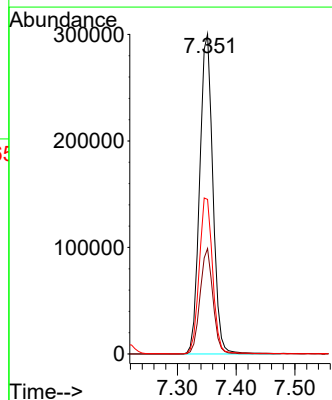
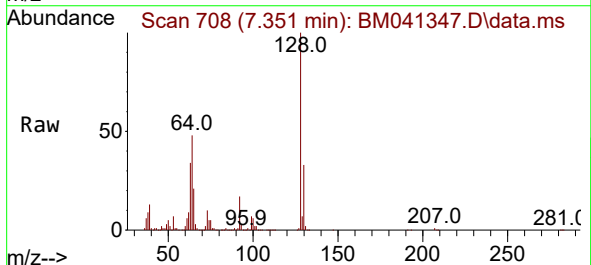
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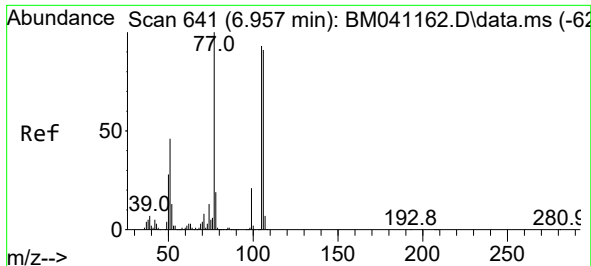
Tgt Ion: 99 Resp: 1262505
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 38.7 28.2 42.4



#8
2-Chlorophenol
Concen: 53.554 ng
RT: 7.351 min Scan# 708
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion: 128 Resp: 468392
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 48.3 29.3 69.3

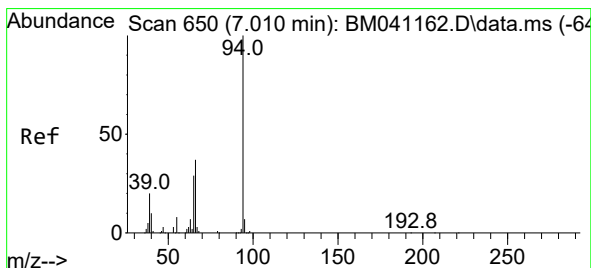
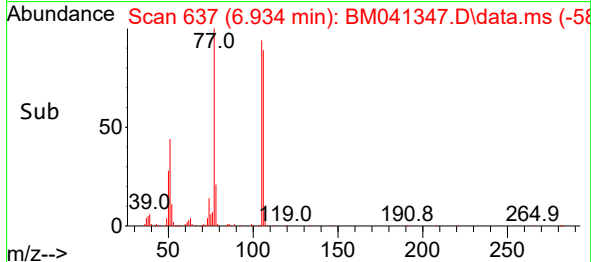
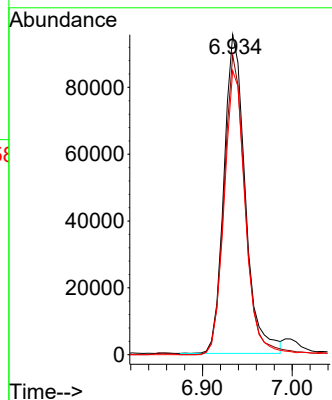
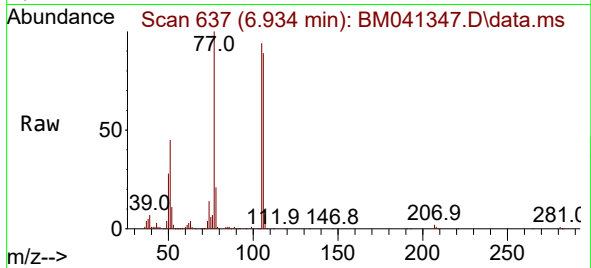




#9
Benzaldehyde
Concen: 25.726 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM041347.D
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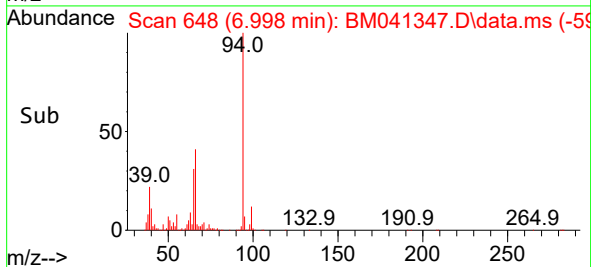
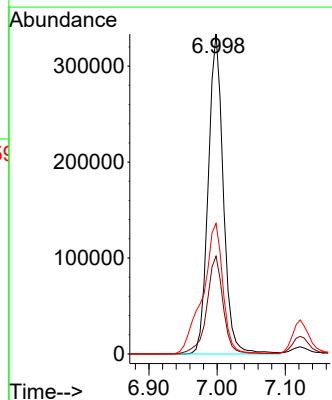
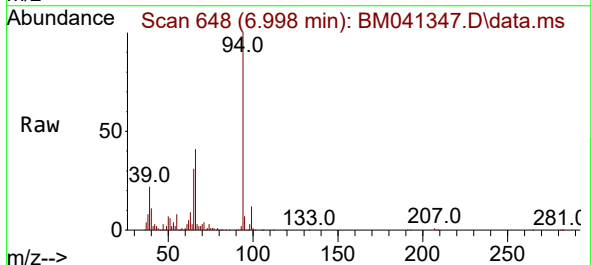
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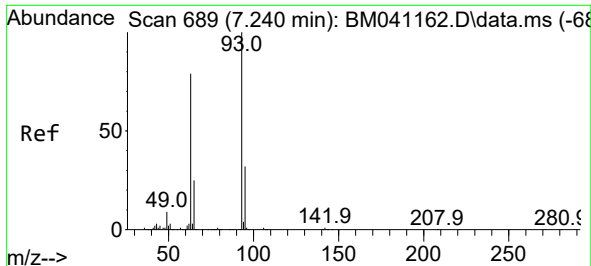
Tgt Ion: 77 Resp: 157643
Ion Ratio Lower Upper
77 100
105 93.6 72.8 112.8
106 88.8 70.8 110.8



#10
Phenol
Concen: 45.653 ng
RT: 6.998 min Scan# 648
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion: 94 Resp: 512054
Ion Ratio Lower Upper
94 100
65 30.6 9.5 49.5
66 40.8 18.0 58.0

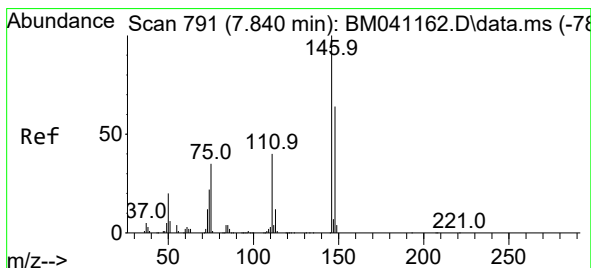
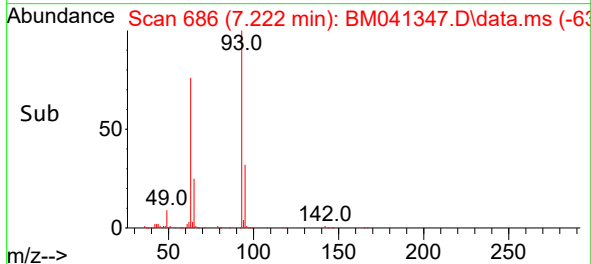
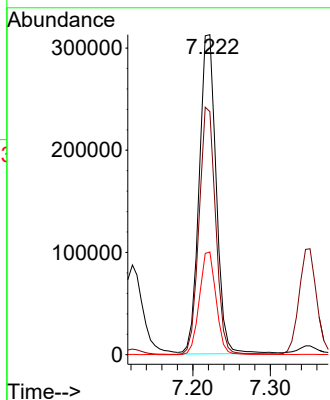
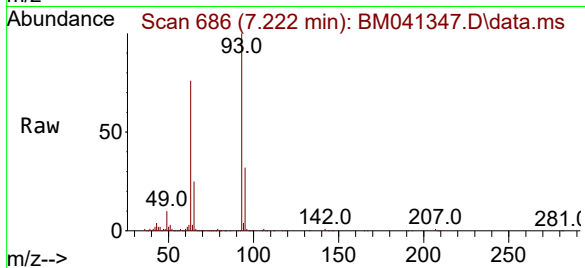




#11
bis(2-Chloroethyl)ether
Concen: 52.386 ng
RT: 7.222 min Scan# 689
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

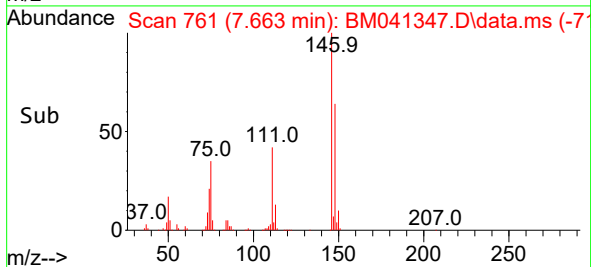
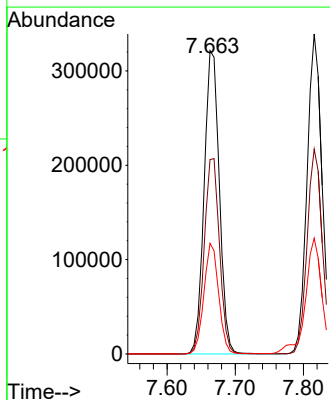
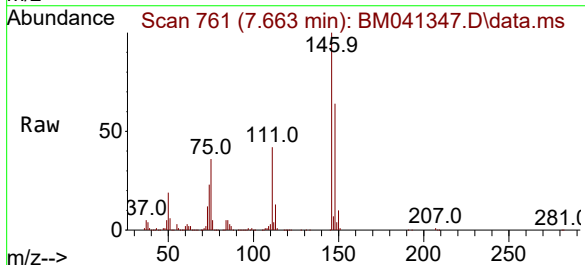
Instrument :
BNA_M
ClientSampleId :
TP-38MS

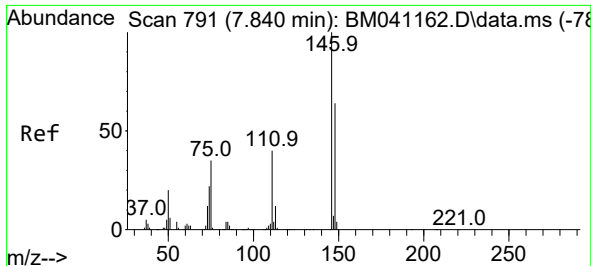
Tgt Ion: 93 Resp: 475624
Ion Ratio Lower Upper
93 100
63 76.0 58.8 98.8
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 52.482 ng
RT: 7.663 min Scan# 761
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion: 146 Resp: 499650
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
75 36.5 28.3 42.5

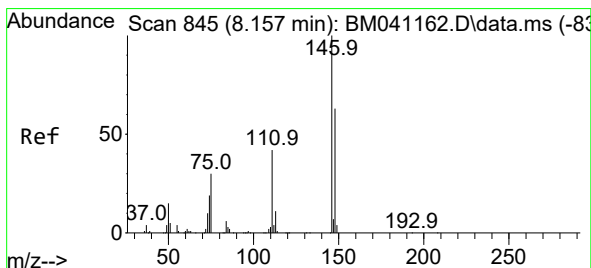
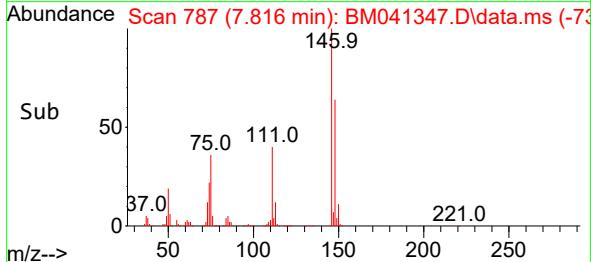
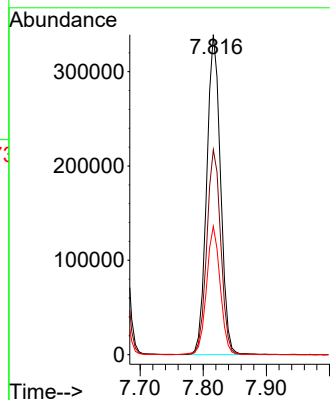
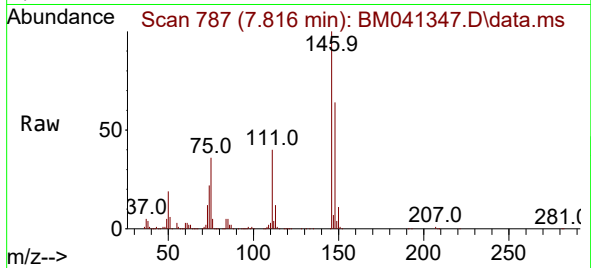




#13
1,4-Dichlorobenzene
Concen: 53.874 ng
RT: 7.816 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

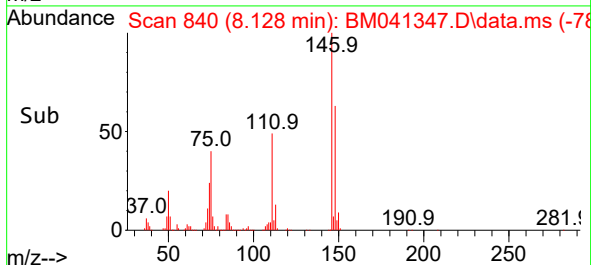
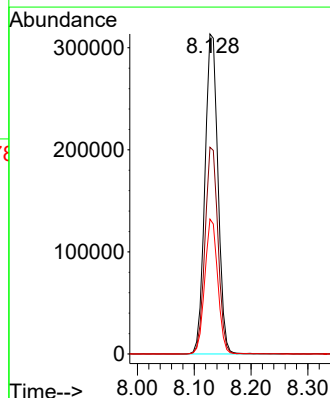
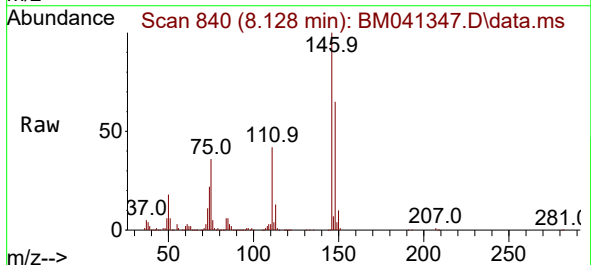
Instrument :
BNA_M
ClientSampleId :
TP-38MS

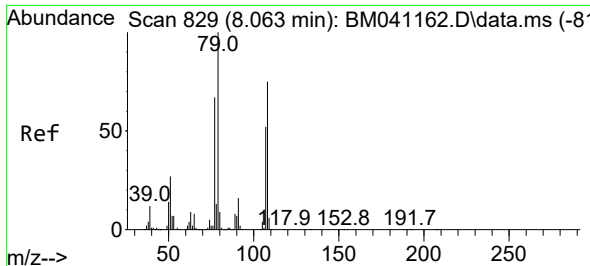
Tgt Ion:146 Resp: 515530
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.0
111 40.1 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 54.521 ng
RT: 8.128 min Scan# 840
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:146 Resp: 500244
Ion Ratio Lower Upper
146 100
148 64.6 50.9 76.3
111 42.2 33.8 50.6

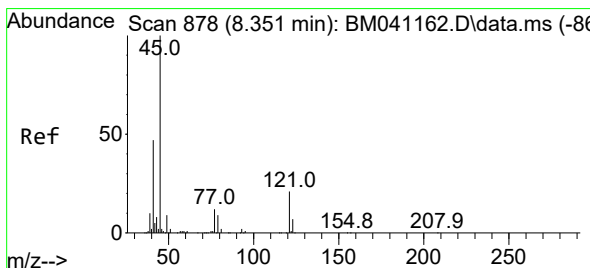
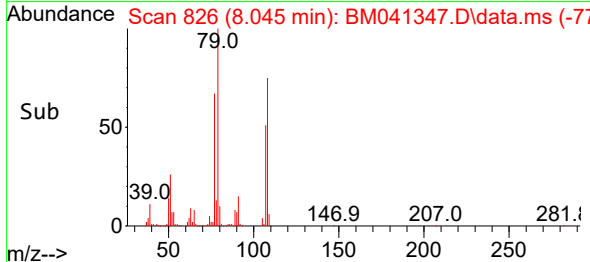
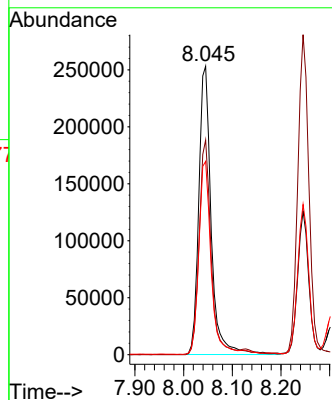
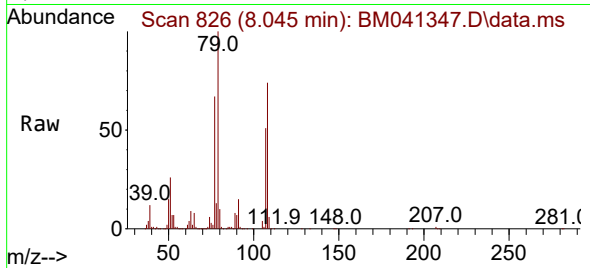




#15
Benzyl Alcohol
Concen: 61.144 ng
RT: 8.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

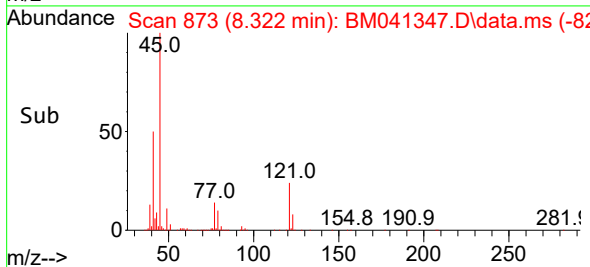
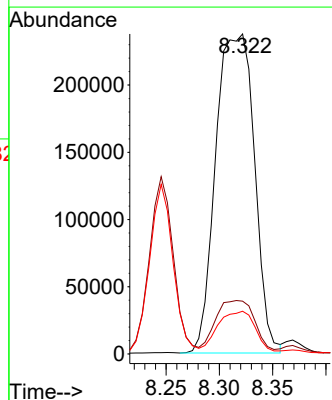
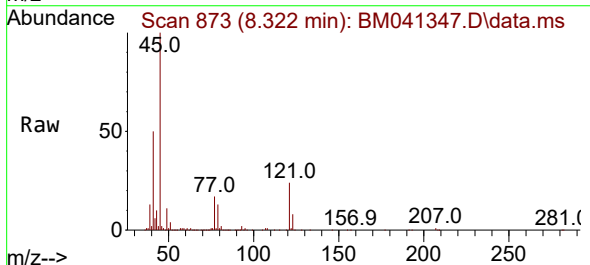
Instrument :
BNA_M
ClientSampleId :
TP-38MS

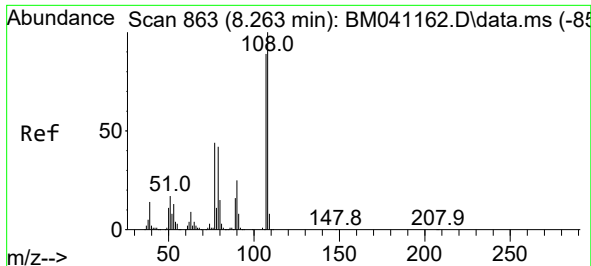
Tgt Ion: 79 Resp: 448420
Ion Ratio Lower Upper
79 100
108 74.5 59.8 89.8
77 67.0 53.8 80.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.451 ng
RT: 8.322 min Scan# 873
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion: 45 Resp: 598205
Ion Ratio Lower Upper
45 100
77 16.5 0.0 34.5
79 13.4 0.0 32.1

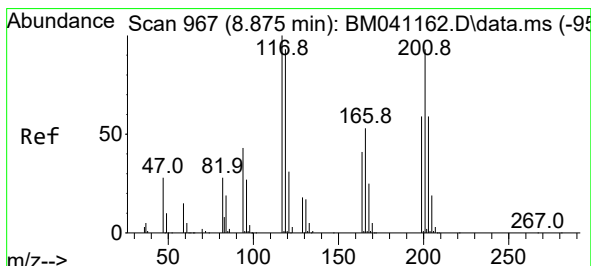
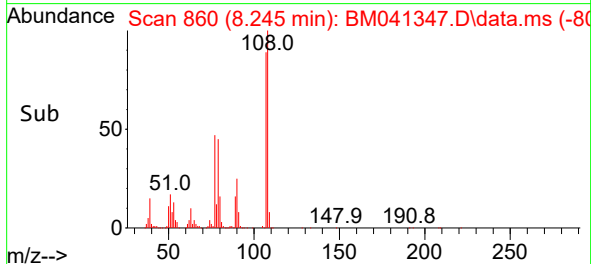
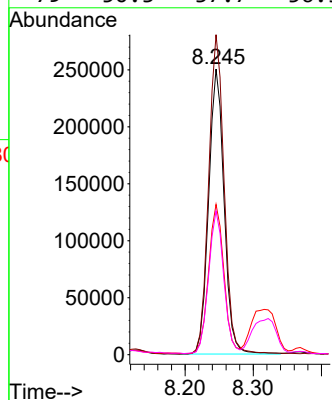
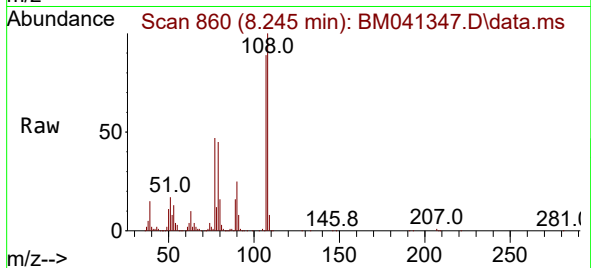




#17
2-Methylphenol
Concen: 51.374 ng
RT: 8.245 min Scan# 860
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

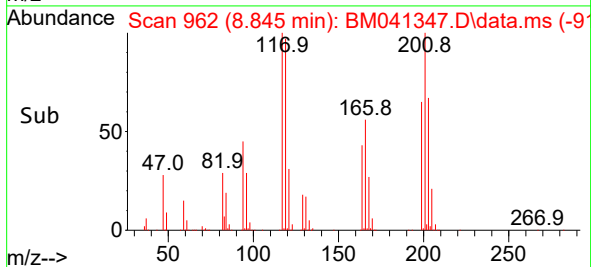
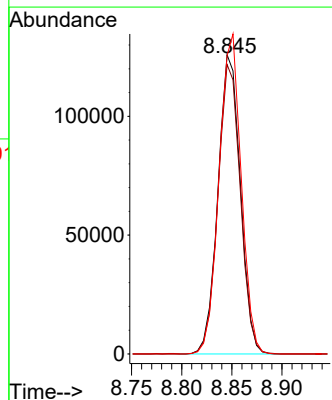
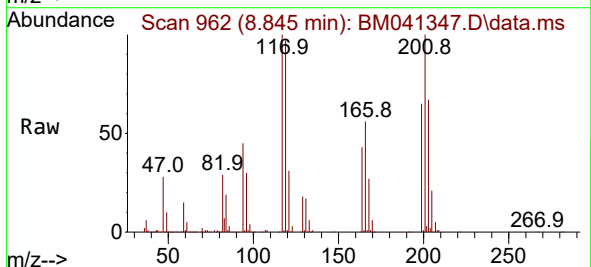
Instrument :
BNA_M
ClientSampleId :
TP-38MS

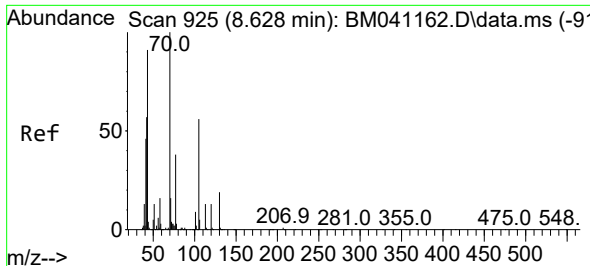
Tgt Ion:	107	Resp:	393676
Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.9	134.9
77	52.6	39.8	59.8
79	50.3	37.7	56.5



#18
Hexachloroethane
Concen: 54.972 ng
RT: 8.845 min Scan# 962
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:	117	Resp:	195840
Ion	Ratio	Lower	Upper
117	100		
119	96.7	74.2	111.4
201	99.6	74.5	111.7





#19

n-Nitroso-di-n-propylamine

Concen: 58.485 ng

RT: 8.604 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

Instrument :

BNA_M

ClientSampleId :

TP-38MS

Tgt Ion: 70 Resp: 412540

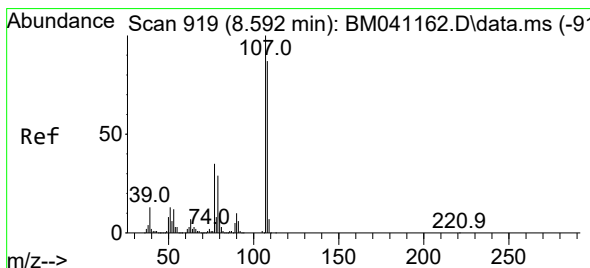
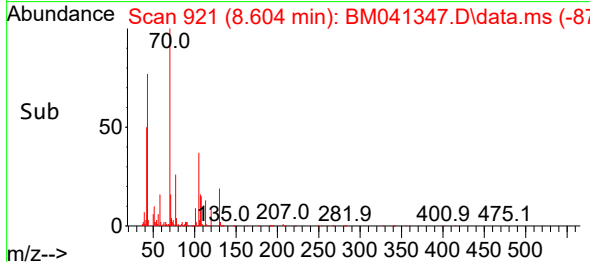
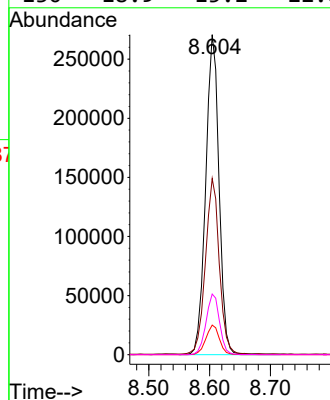
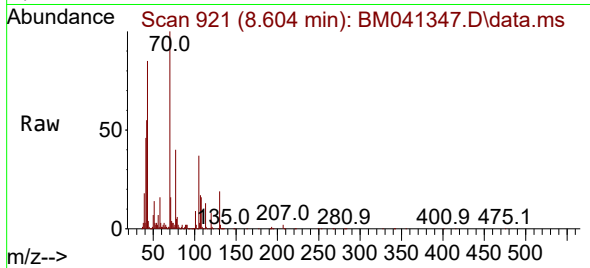
Ion Ratio Lower Upper

70 100

42 55.0 45.8 68.8

101 9.2 7.4 11.0

130 18.9 15.2 22.8



#20

3+4-Methylphenols

Concen: 50.920 ng

RT: 8.581 min Scan# 917

Delta R.T. 0.006 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

Tgt Ion:107 Resp: 521718

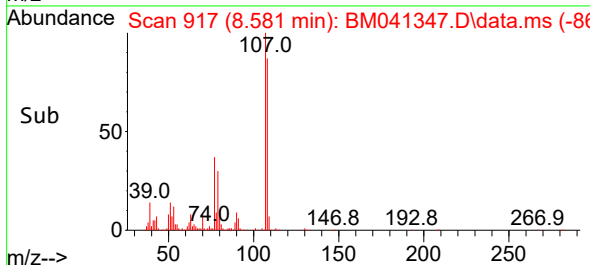
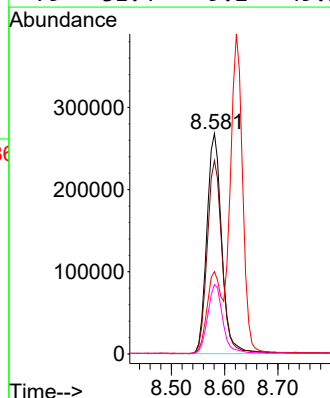
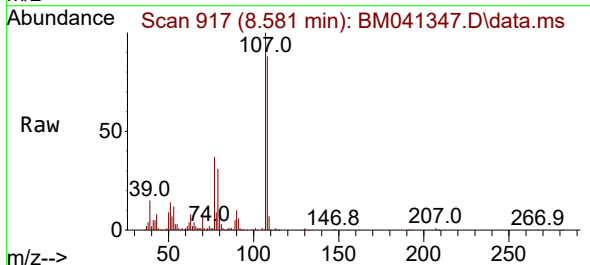
Ion Ratio Lower Upper

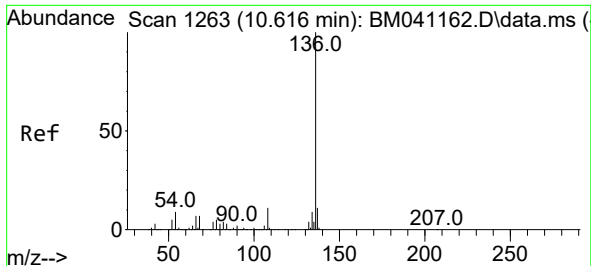
107 100

108 87.7 67.2 107.2

77 37.4 15.4 55.4

79 31.4 9.2 49.2

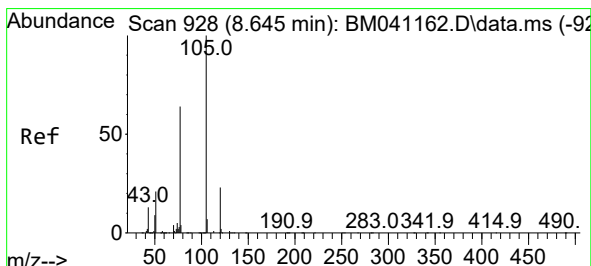
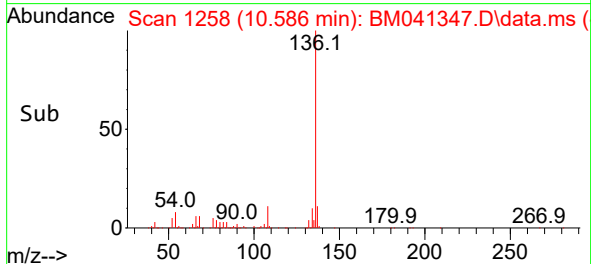
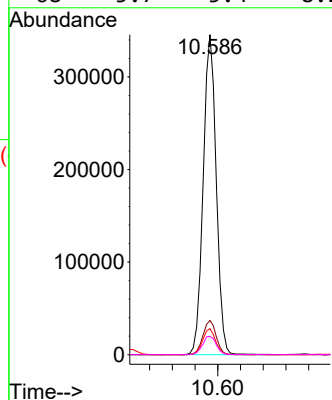
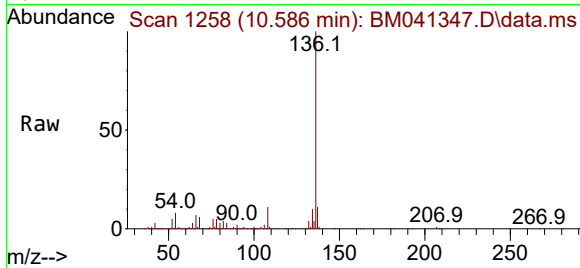




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

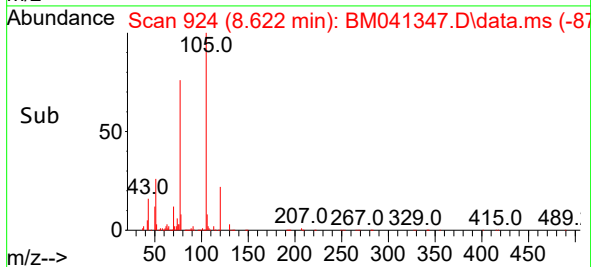
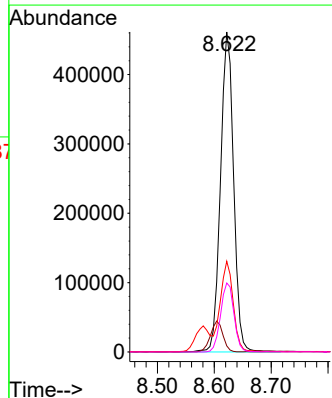
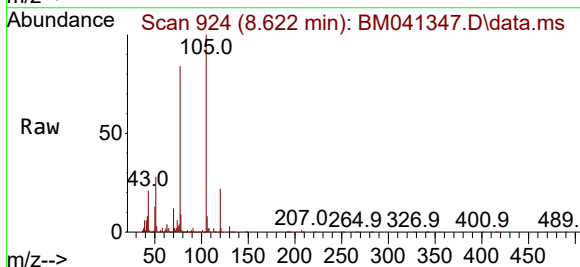
Instrument :
BNA_M
ClientSampleId :
TP-38MS

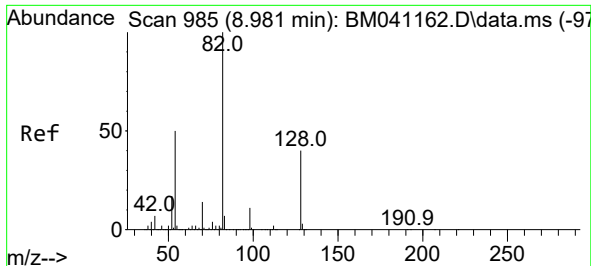
Tgt Ion:	136	Resp:	549064
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	8.2	6.9	10.3
68	5.7	5.4	8.2



#22
Acetophenone
Concen: 51.020 ng
RT: 8.622 min Scan# 924
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:	105	Resp:	741917
Ion Ratio	Lower	Upper	
105	100		
71	1.9	1.2	1.8
51	28.4	22.0	33.0
120	21.5	18.0	27.0

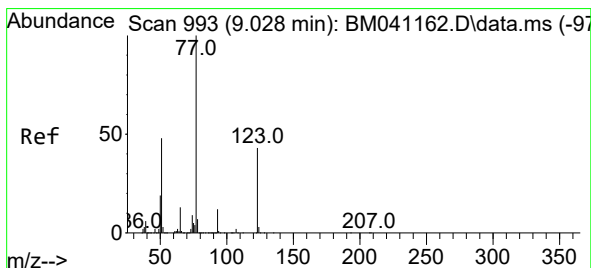
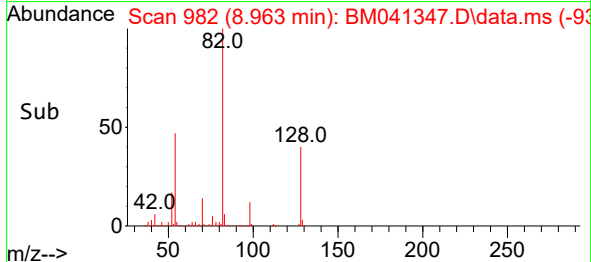
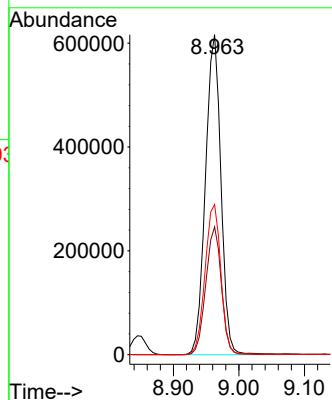
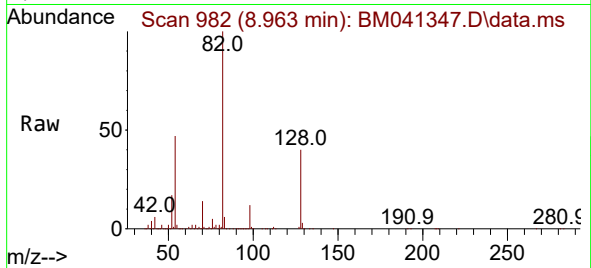




#23
Nitrobenzene-d5
Concen: 85.894 ng
RT: 8.963 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

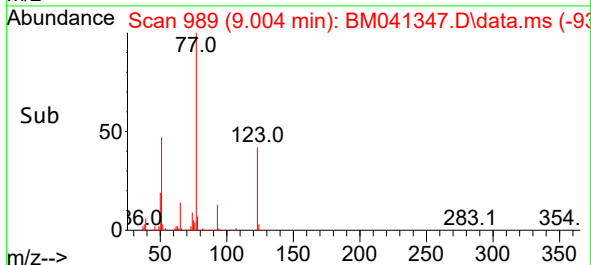
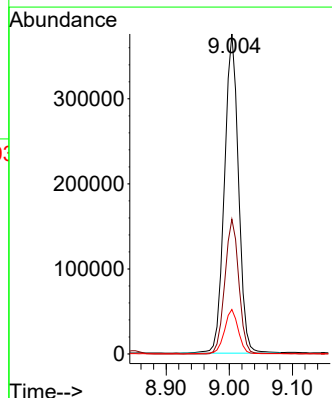
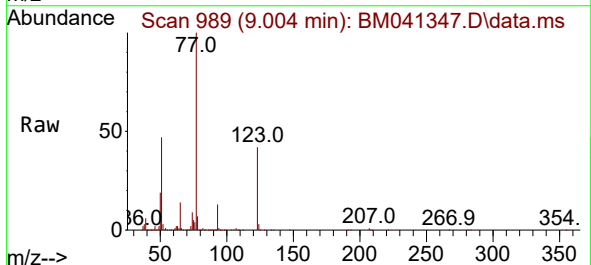
Instrument :
BNA_M
ClientSampleId :
TP-38MS

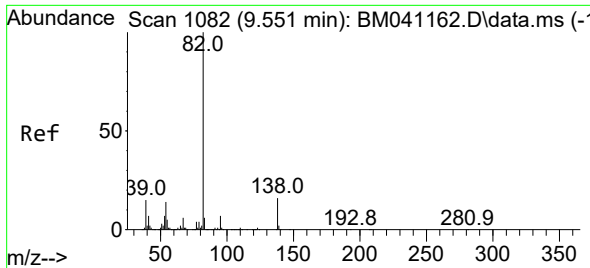
Tgt Ion: 82 Resp: 1014126
Ion Ratio Lower Upper
82 100
128 40.0 31.8 47.6
54 46.9 40.1 60.1



#24
Nitrobenzene
Concen: 48.666 ng
RT: 9.004 min Scan# 989
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion: 77 Resp: 581061
Ion Ratio Lower Upper
77 100
123 42.1 34.2 51.2
65 13.9 10.7 16.1

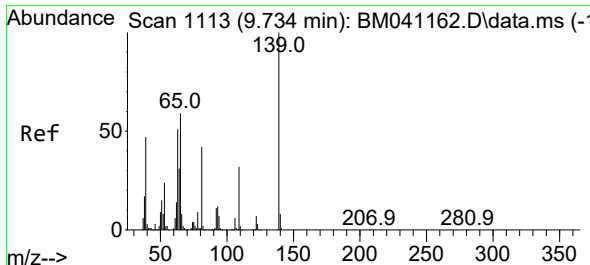
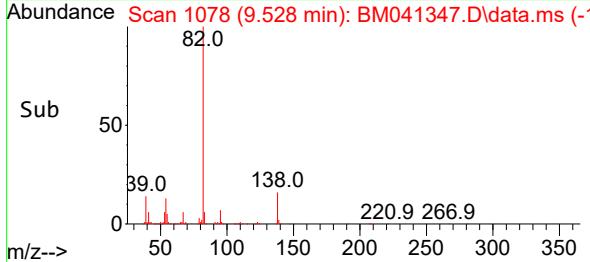
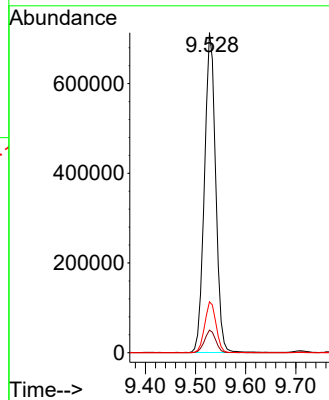
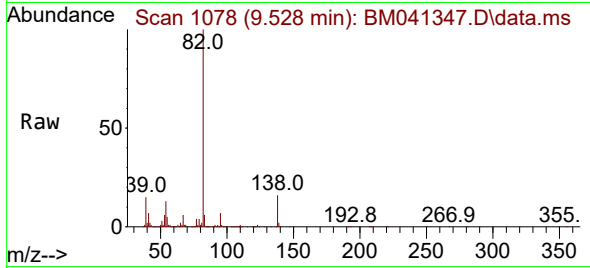




#25
Isophorone
Concen: 55.390 ng
RT: 9.528 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

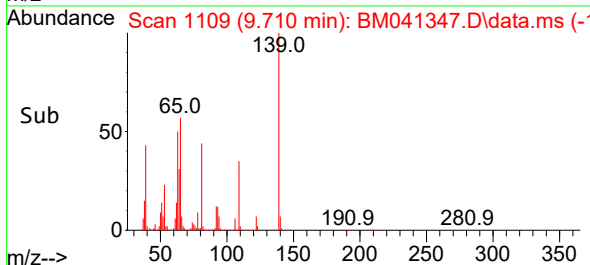
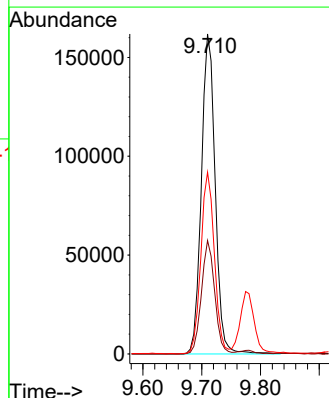
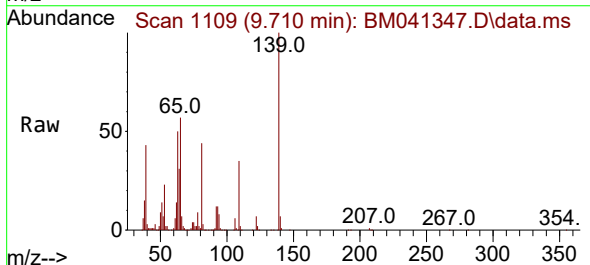
Instrument :
BNA_M
ClientSampleId :
TP-38MS

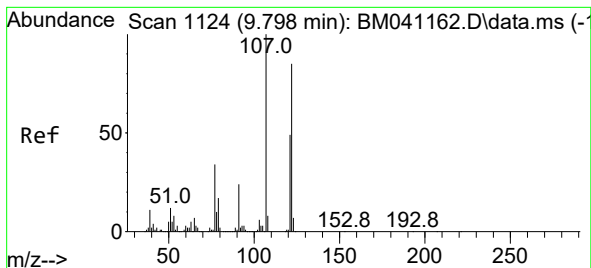
Tgt Ion: 82 Resp: 1110139
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 15.9 12.8 19.2



#26
2-Nitrophenol
Concen: 56.581 ng
RT: 9.710 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion: 139 Resp: 264094
Ion Ratio Lower Upper
139 100
109 35.4 25.4 38.2
65 56.8 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 50.288 ng

RT: 9.780 min Scan# 1124

Delta R.T. 0.006 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

Instrument :

BNA_M

ClientSampleId :

TP-38MS

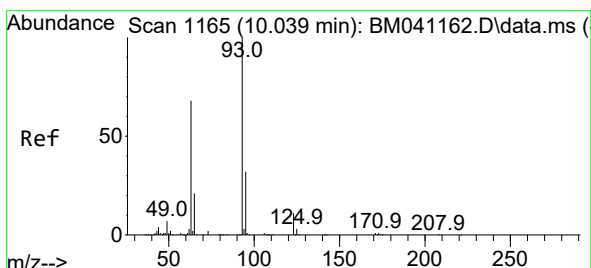
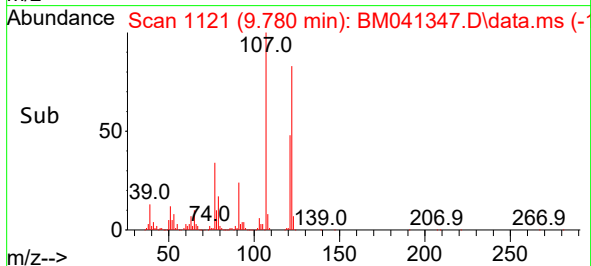
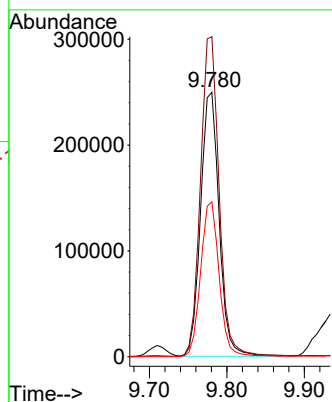
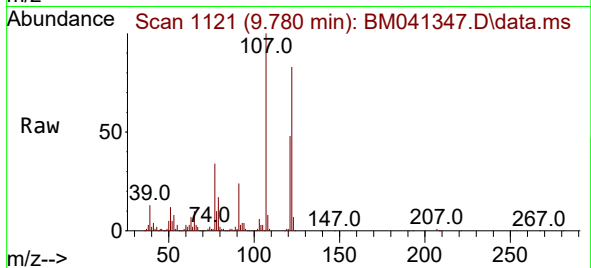
Tgt Ion:122 Resp: 413034

Ion Ratio Lower Upper

122 100

107 121.1 94.3 141.5

121 58.6 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 51.276 ng

RT: 10.010 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

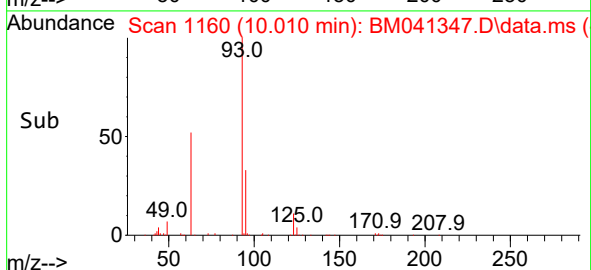
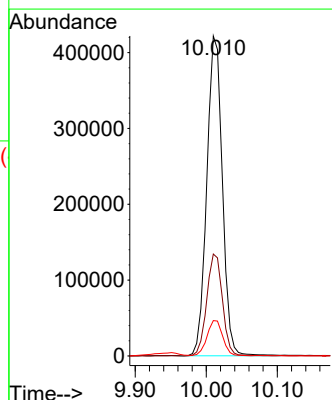
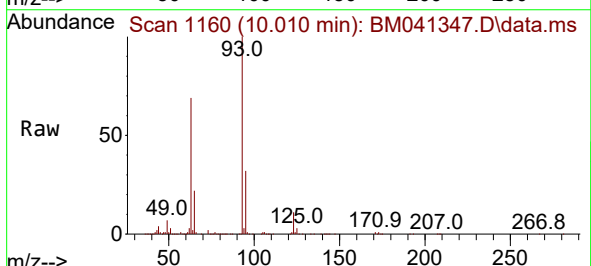
Tgt Ion: 93 Resp: 643732

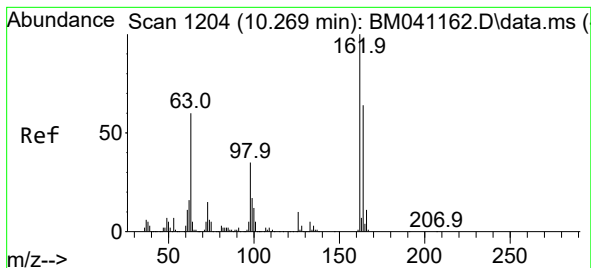
Ion Ratio Lower Upper

93 100

95 31.9 25.9 38.9

123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 56.313 ng

RT: 10.251 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

Instrument :

BNA_M

ClientSampleId :

TP-38MS

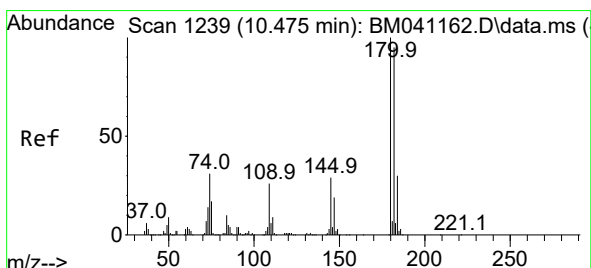
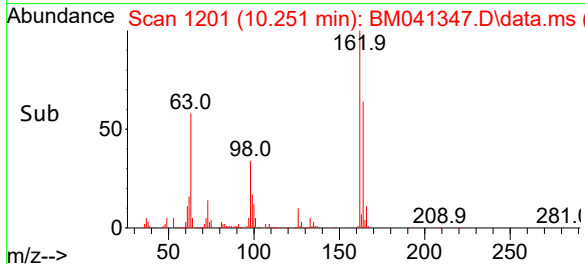
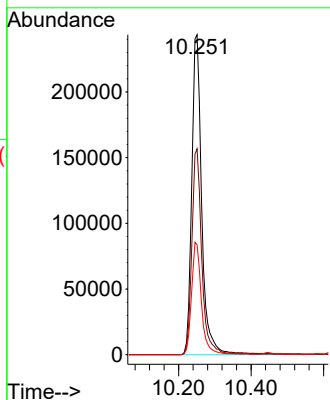
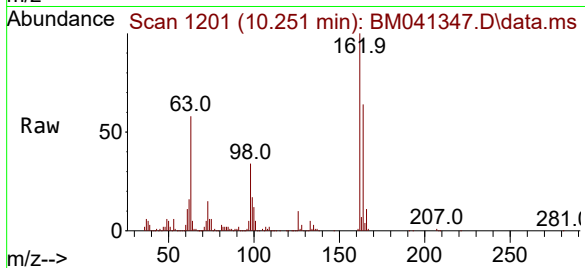
Tgt Ion:162 Resp: 466424

Ion Ratio Lower Upper

162 100

164 64.4 44.3 84.3

98 34.4 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 54.450 ng

RT: 10.451 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

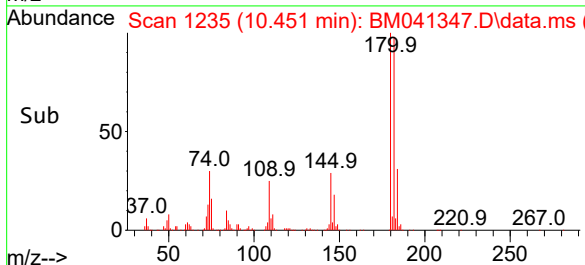
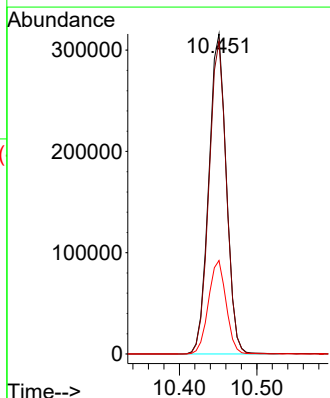
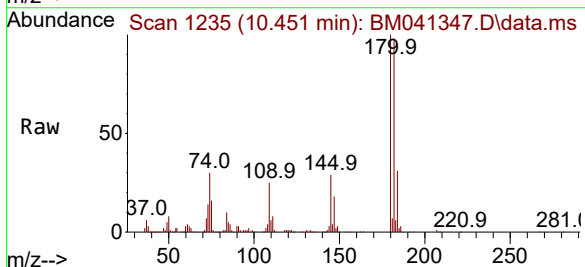
Tgt Ion:180 Resp: 498277

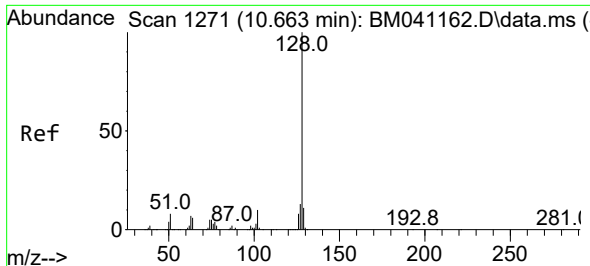
Ion Ratio Lower Upper

180 100

182 97.7 75.9 113.9

145 29.2 23.6 35.4

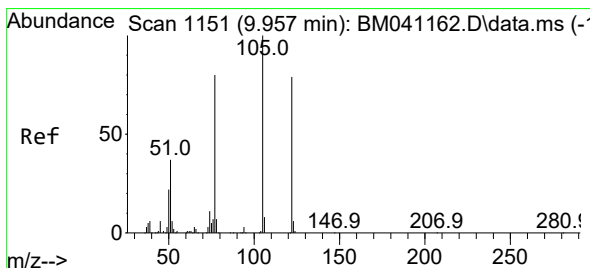
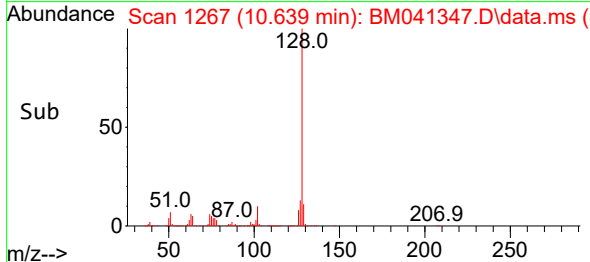
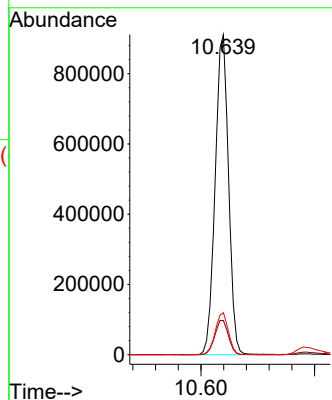
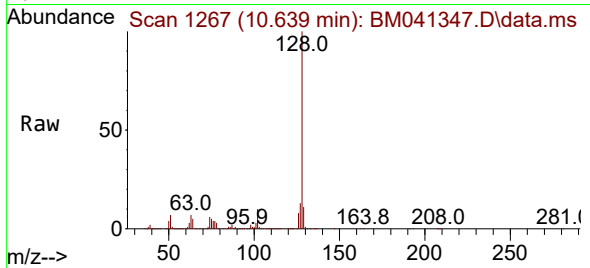




#31
Naphthalene
Concen: 49.785 ng
RT: 10.639 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

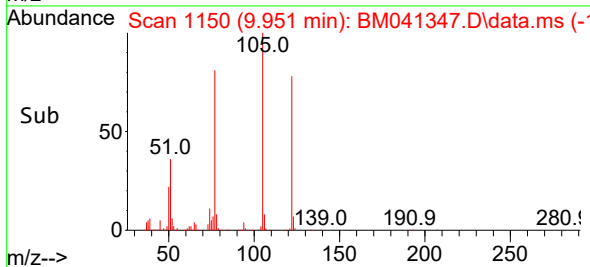
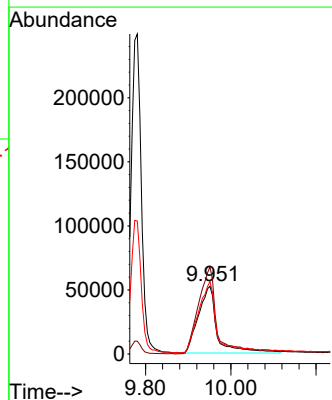
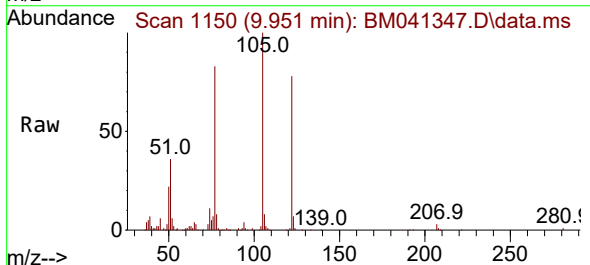
Instrument :
BNA_M
ClientSampleId :
TP-38MS

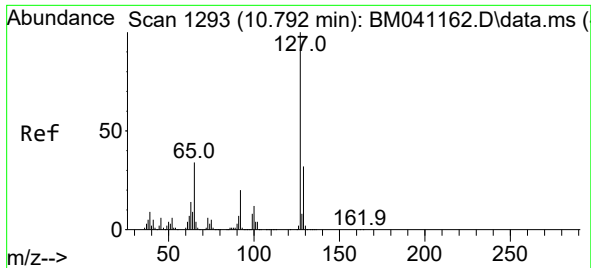
Tgt Ion:128 Resp: 1483349
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 28.979 ng
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:122 Resp: 158209
Ion Ratio Lower Upper
122 100
105 128.9 104.0 144.0
77 106.8 79.9 119.9

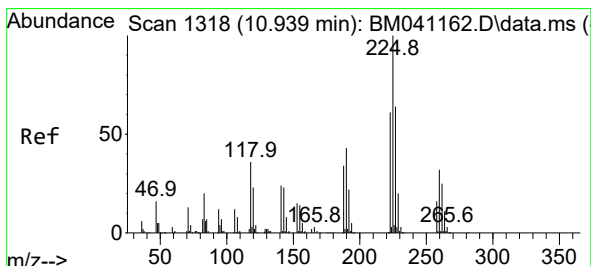
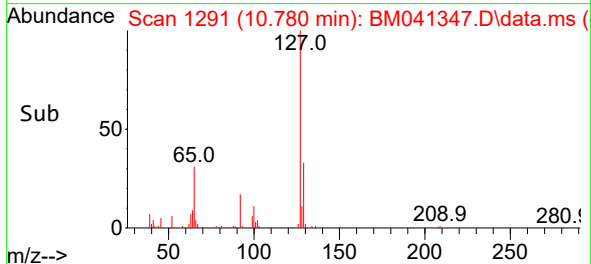
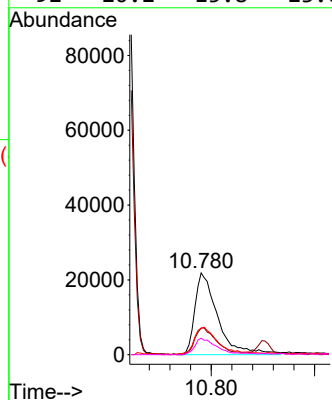
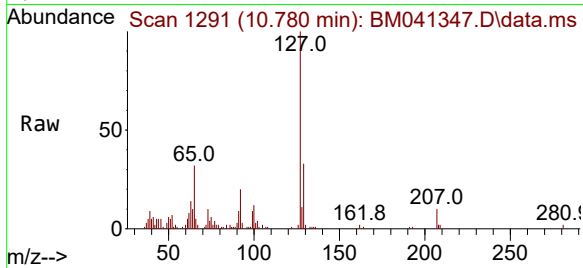




#33
4-Chloroaniline
Concen: 5.628 ng
RT: 10.780 min Scan# 1291
Delta R.T. 0.012 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

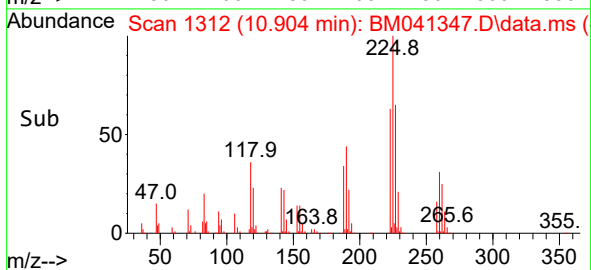
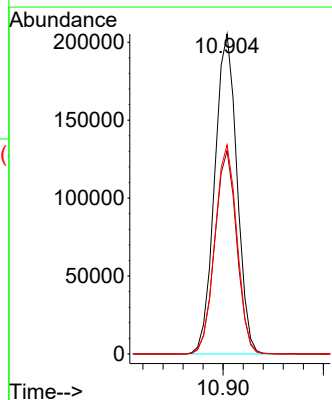
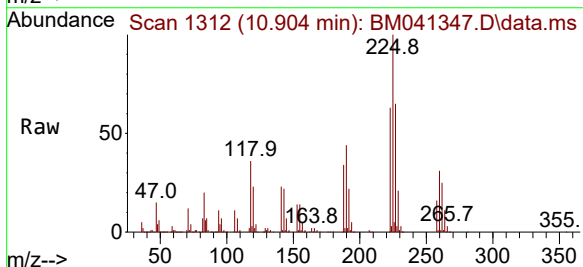
Instrument :
BNA_M
ClientSampleId :
TP-38MS

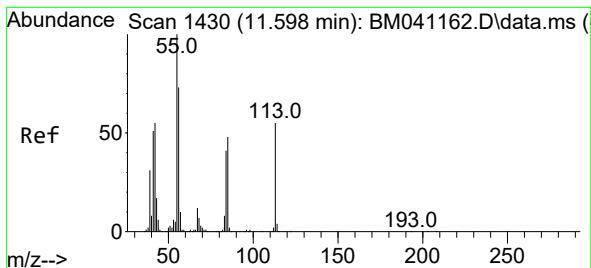
Tgt Ion:	127	Resp:	67012
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	32.5	26.9	40.3
92	20.2	15.8	23.6



#34
Hexachlorobutadiene
Concen: 57.415 ng
RT: 10.904 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:	225	Resp:	316002
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.0	73.4
227	65.4	50.8	76.2

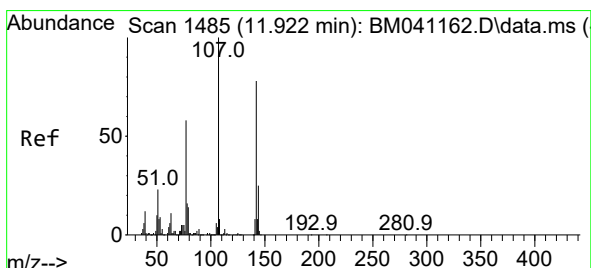
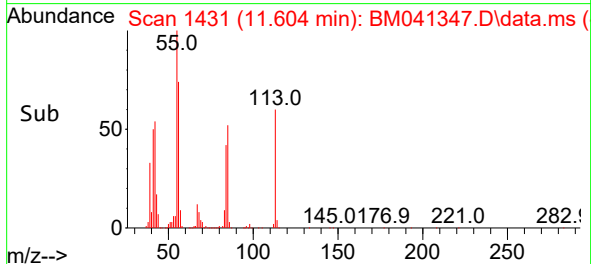
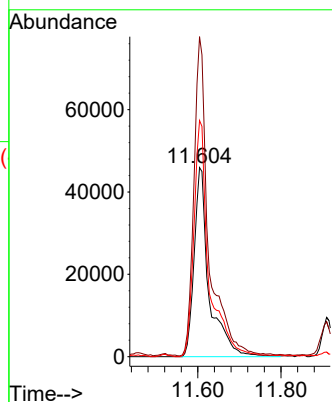
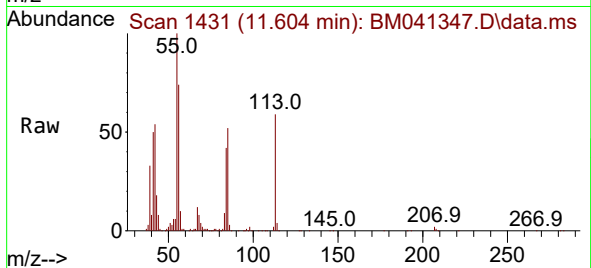




#35
Caprolactam
Concen: 47.934 ng
RT: 11.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

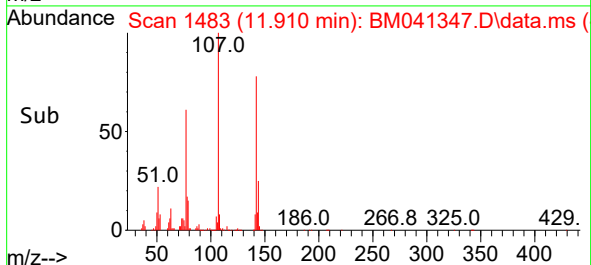
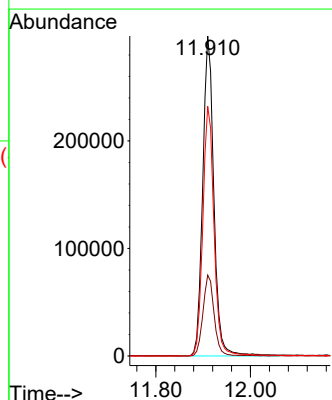
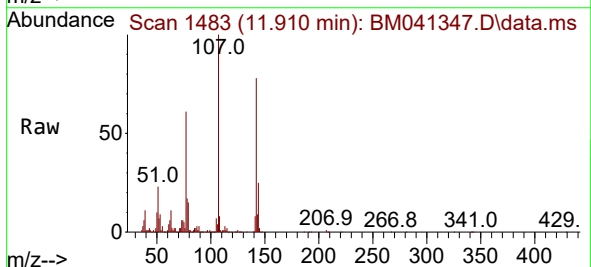
Instrument :
BNA_M
ClientSampleId :
TP-38MS

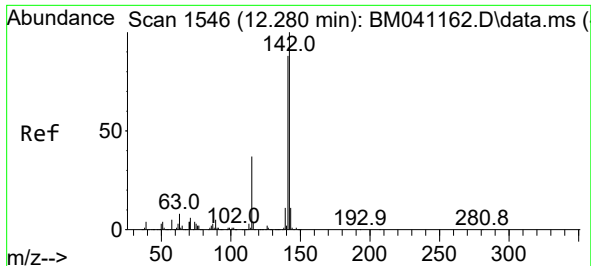
Tgt Ion:113 Resp: 114853
Ion Ratio Lower Upper
113 100
55 169.1 162.5 202.5
56 124.8 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 55.999 ng
RT: 11.910 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:107 Resp: 488191
Ion Ratio Lower Upper
107 100
144 25.2 20.1 30.1
142 78.0 62.2 93.4





#37

2-Methylnaphthalene

Concen: 51.224 ng

RT: 12.257 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

Instrument :

BNA_M

ClientSampleId :

TP-38MS

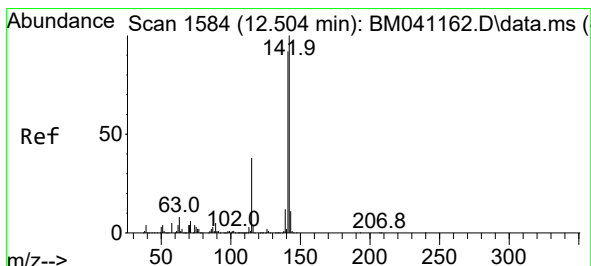
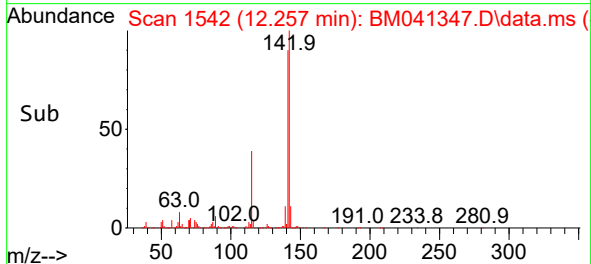
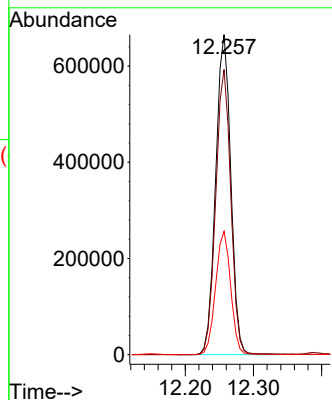
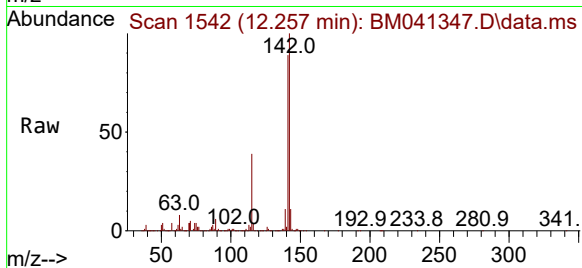
Tgt Ion:142 Resp: 1028951

Ion Ratio Lower Upper

142 100

141 89.1 70.7 106.1

115 38.5 29.3 43.9



#38

1-Methylnaphthalene

Concen: 52.760 ng

RT: 12.474 min Scan# 1579

Delta R.T. -0.000 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

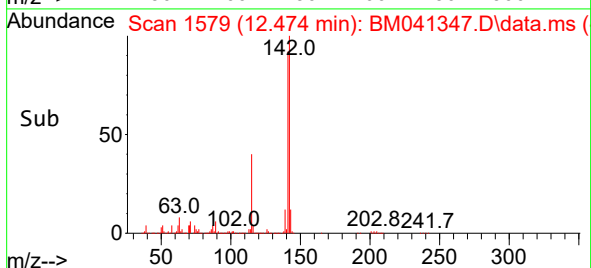
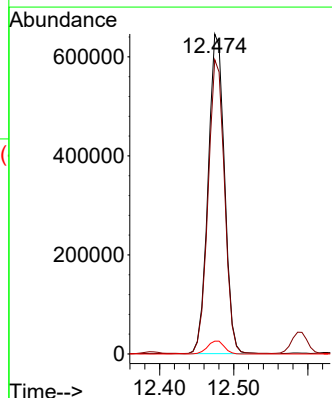
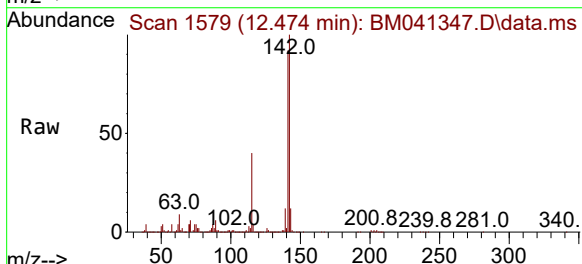
Tgt Ion:142 Resp: 991923

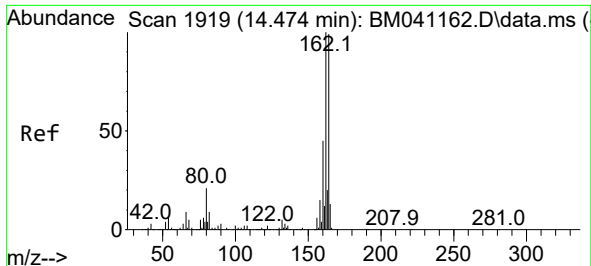
Ion Ratio Lower Upper

142 100

141 92.0 73.4 110.2

116 4.0 3.2 4.8

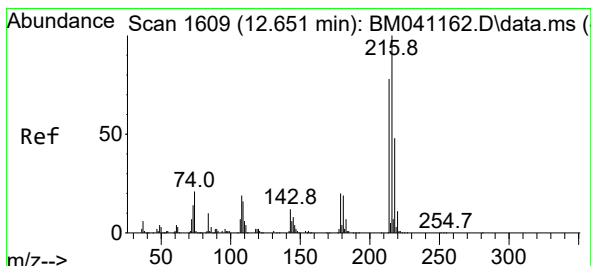
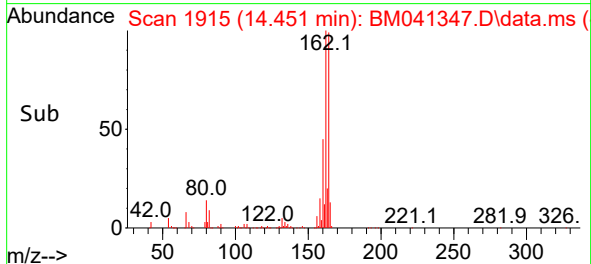
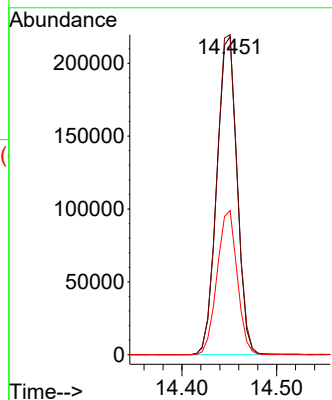
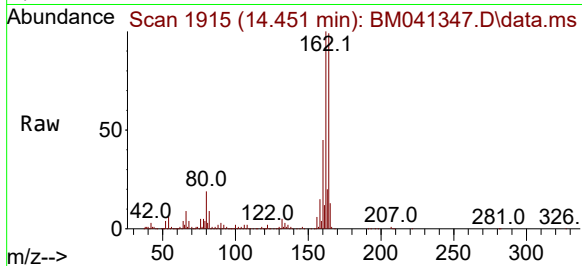




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

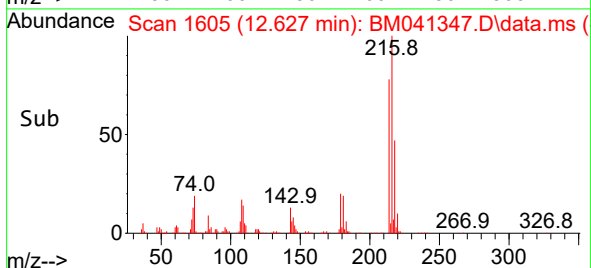
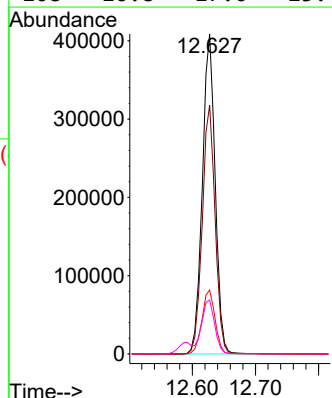
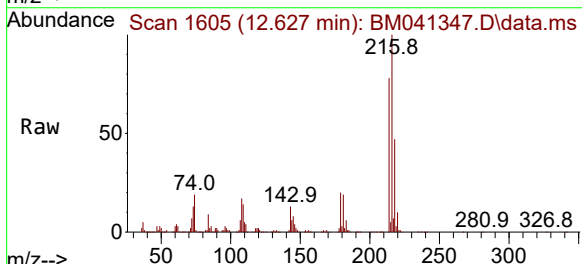
Instrument :
BNA_M
ClientSampleId :
TP-38MS

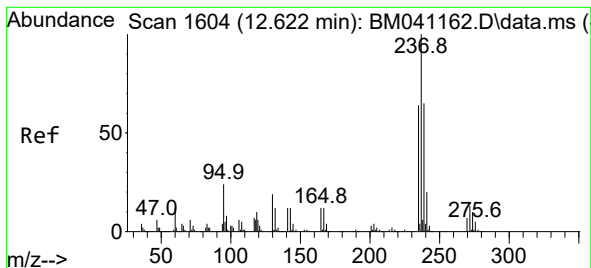
Tgt Ion:164 Resp: 323704
Ion Ratio Lower Upper
164 100
162 100.6 80.4 120.6
160 45.3 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.911 ng
RT: 12.627 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:216 Resp: 577176
Ion Ratio Lower Upper
216 100
214 78.1 63.2 94.8
179 20.4 16.2 24.2
108 16.8 17.0 25.4#





#41

Hexachlorocyclopentadiene

Concen: 104.390 ng

RT: 12.592 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

Instrument :

BNA_M

ClientSampleId :

TP-38MS

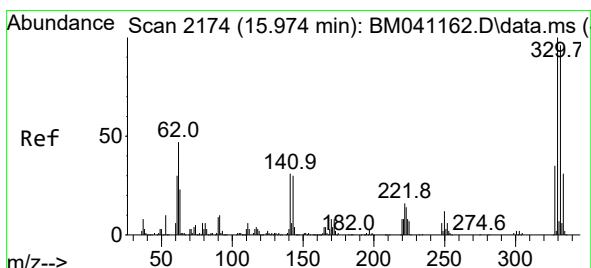
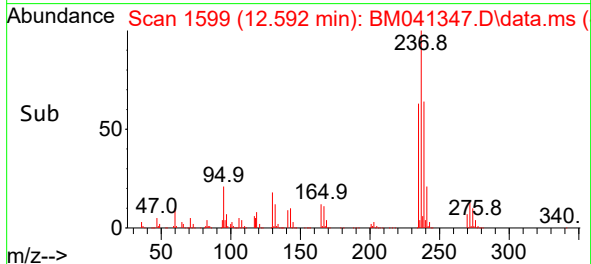
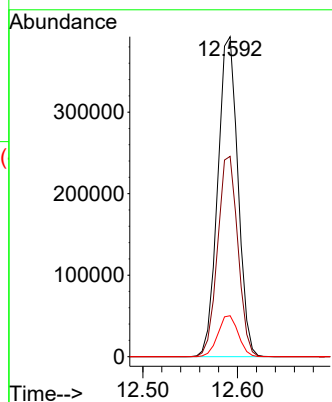
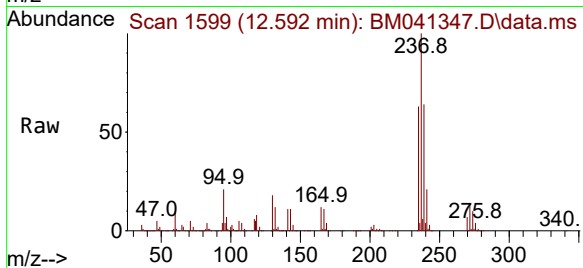
Tgt Ion:237 Resp: 580492

Ion Ratio Lower Upper

237 100

235 62.6 43.6 83.6

272 12.8 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 137.553 ng

RT: 15.951 min Scan# 2170

Delta R.T. -0.000 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

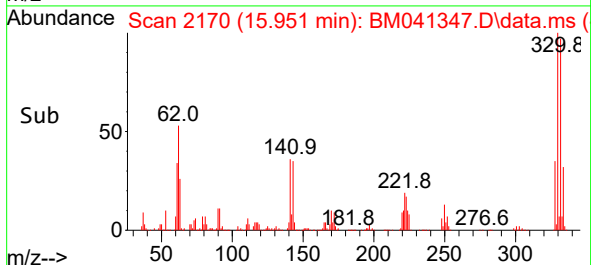
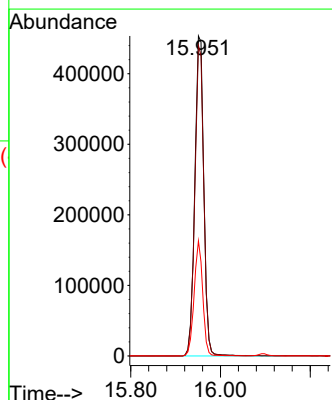
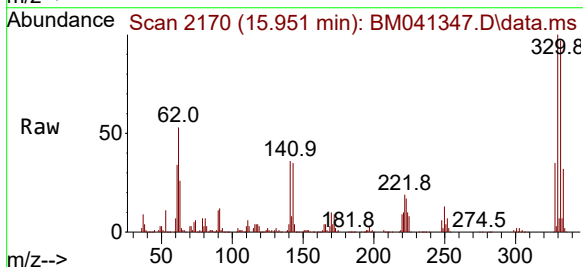
Tgt Ion:330 Resp: 629803

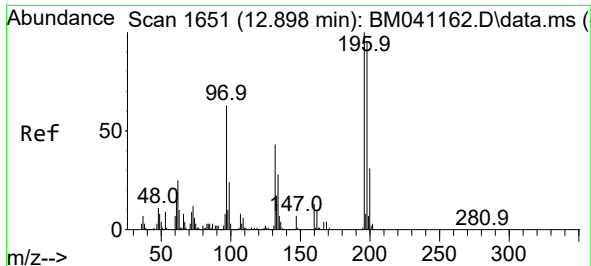
Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 34.4 28.3 42.5

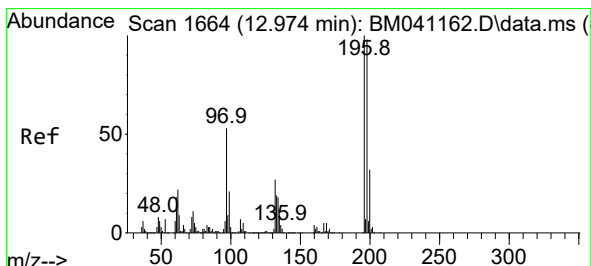
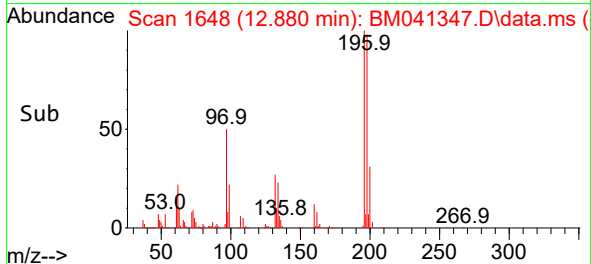
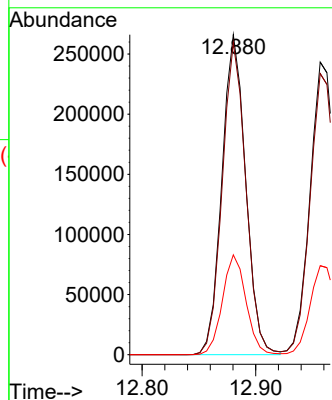
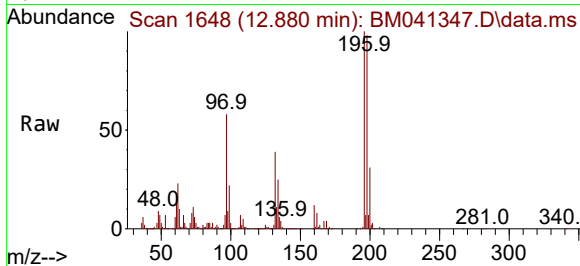




#43
2,4,6-Trichlorophenol
Concen: 57.462 ng
RT: 12.880 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

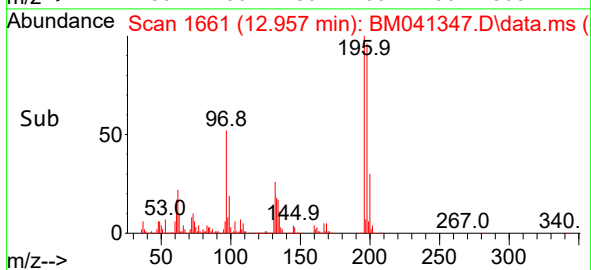
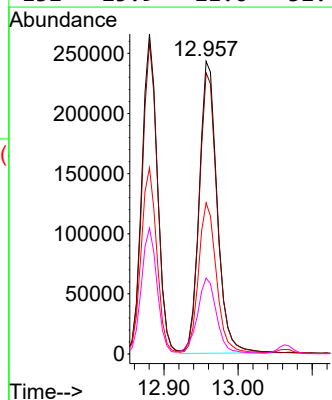
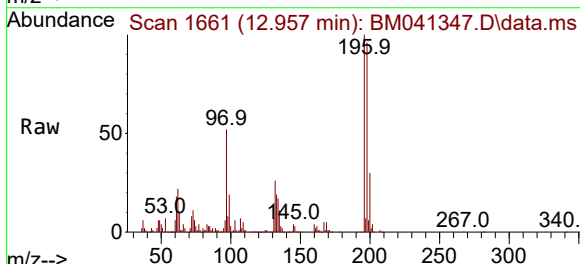
Instrument :
BNA_M
ClientSampleId :
TP-38MS

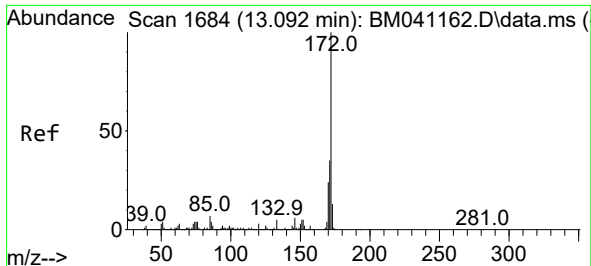
Tgt Ion:196 Resp: 387122
Ion Ratio Lower Upper
196 100
198 97.5 76.2 114.4
200 31.2 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 52.447 ng
RT: 12.957 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:196 Resp: 408957
Ion Ratio Lower Upper
196 100
198 96.1 78.2 117.4
97 51.7 42.7 64.1
132 25.9 21.6 32.4

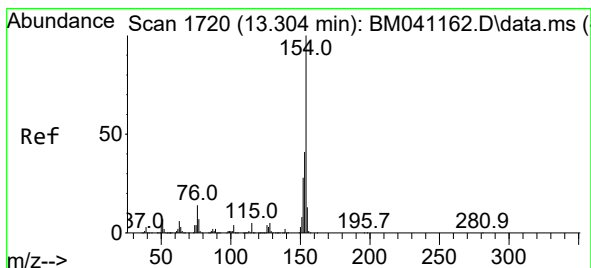
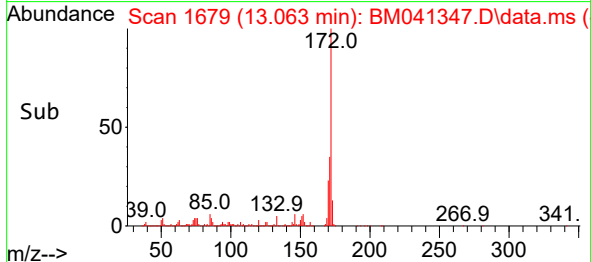
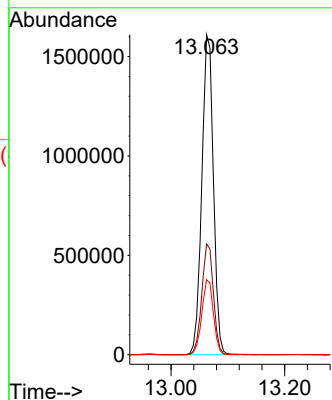
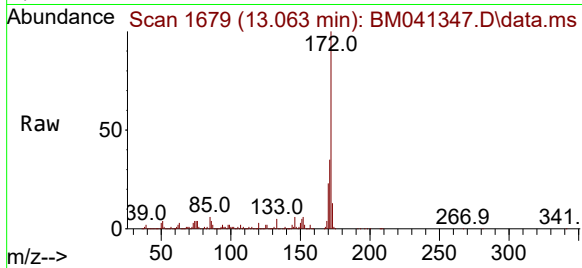




#45
2-Fluorobiphenyl
Concen: 89.122 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

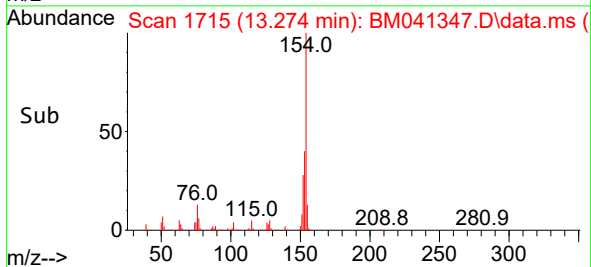
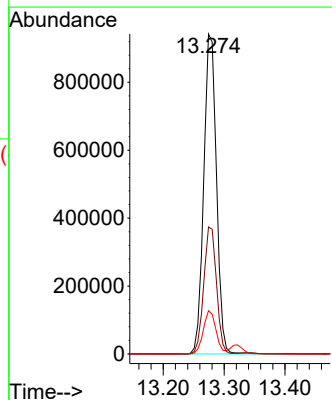
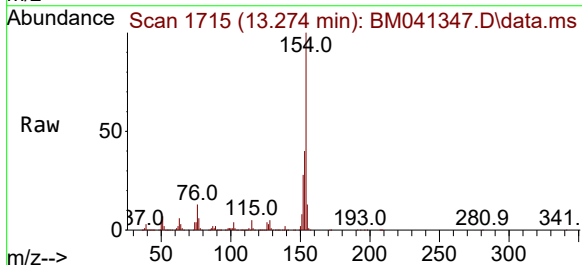
Instrument :
BNA_M
ClientSampleId :
TP-38MS

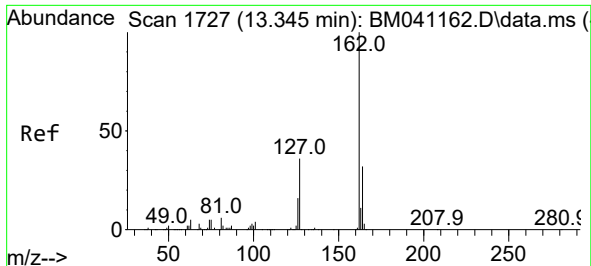
Tgt Ion:172 Resp: 2283719
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 52.217 ng
RT: 13.274 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:154 Resp: 1370303
Ion Ratio Lower Upper
154 100
153 39.7 20.5 60.5
76 13.5 0.0 34.1

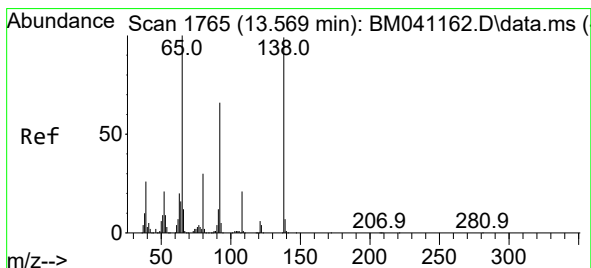
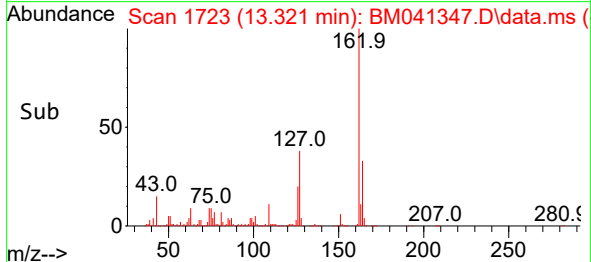
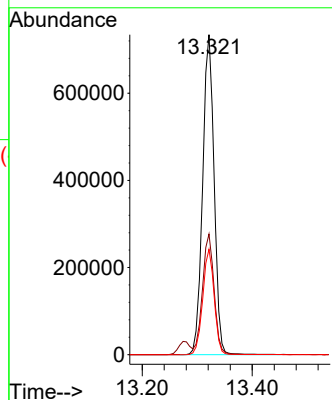
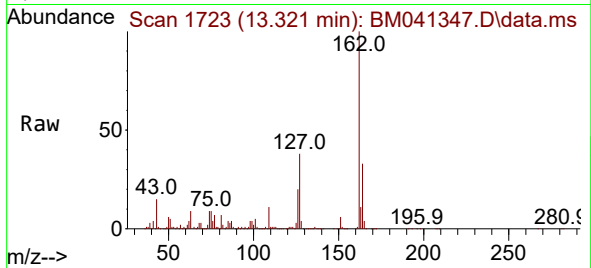




#47
2-Chloronaphthalene
Concen: 54.383 ng
RT: 13.321 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

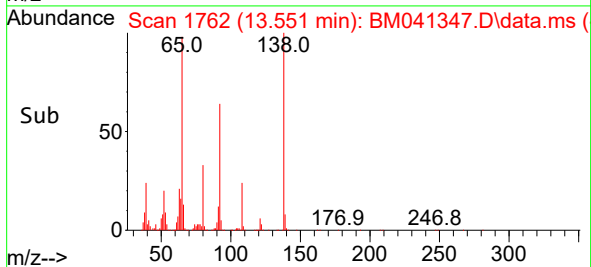
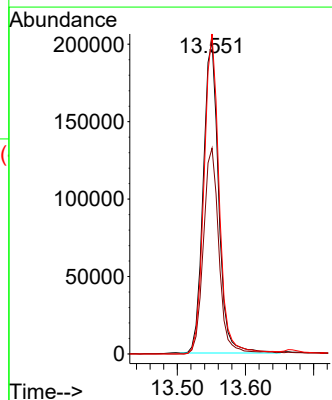
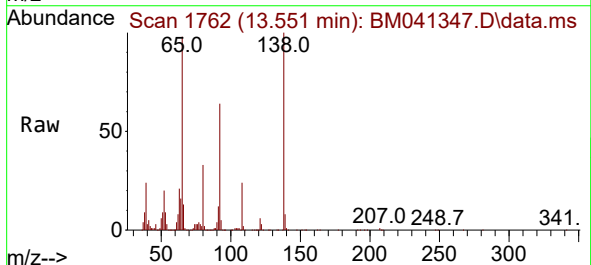
Instrument :
BNA_M
ClientSampleId :
TP-38MS

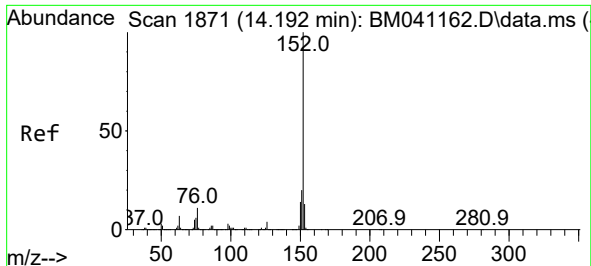
Tgt Ion:162 Resp: 1065594
Ion Ratio Lower Upper
162 100
127 37.7 30.6 45.8
164 33.0 25.6 38.4



#48
2-Nitroaniline
Concen: 50.482 ng
RT: 13.551 min Scan# 1762
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion: 65 Resp: 315741
Ion Ratio Lower Upper
65 100
92 65.8 53.0 79.4
138 102.3 79.1 118.7

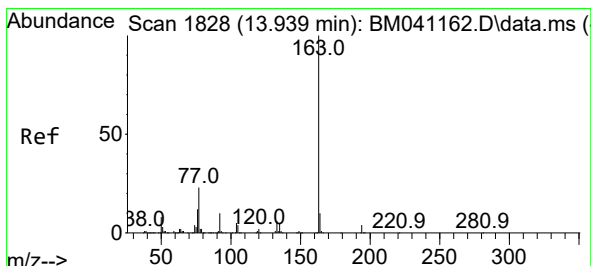
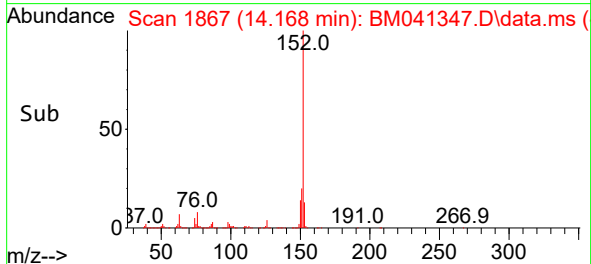
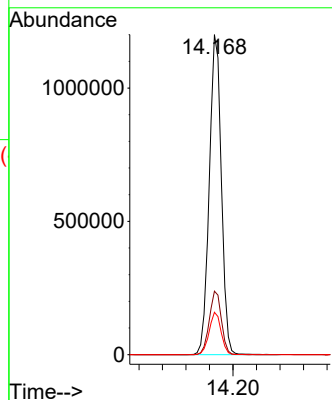
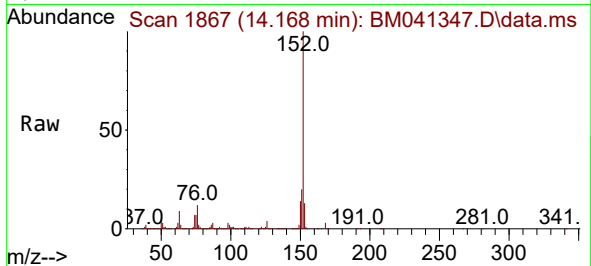




#49
Acenaphthylene
Concen: 53.859 ng
RT: 14.168 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

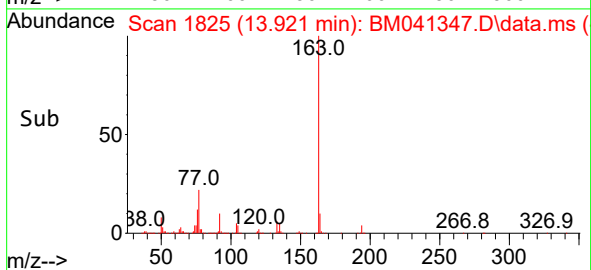
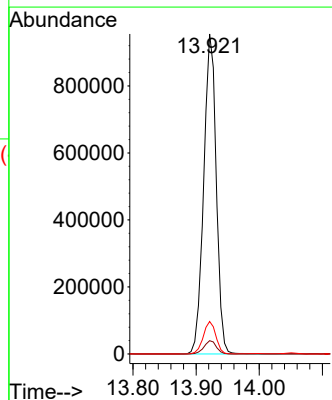
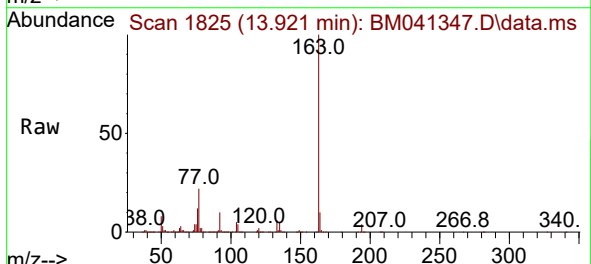
Instrument :
BNA_M
ClientSampleId :
TP-38MS

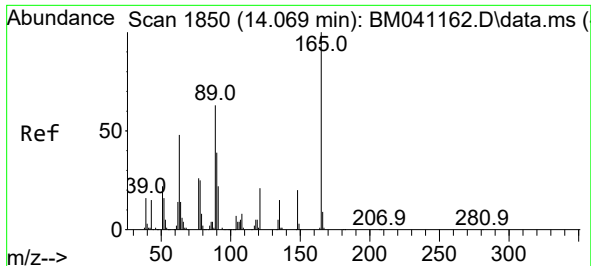
Tgt Ion:152 Resp: 1703402
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 54.254 ng
RT: 13.921 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:163 Resp: 1321058
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.3 12.5

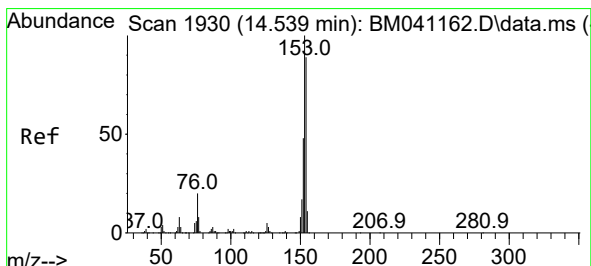
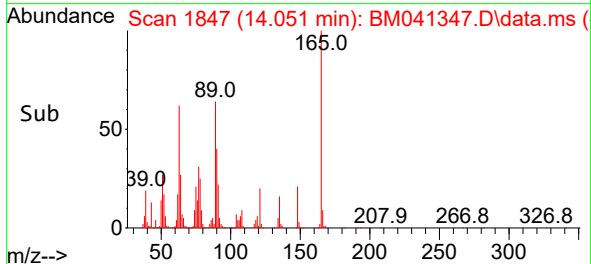
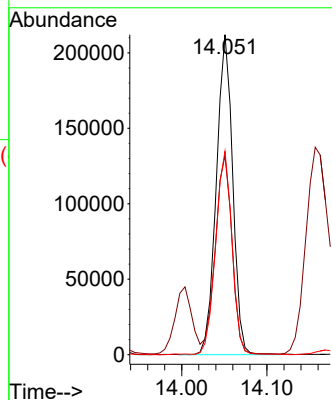
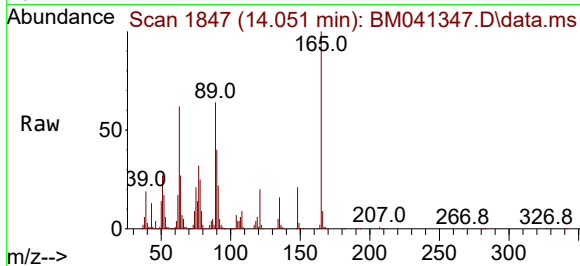




#51
2,6-Dinitrotoluene
Concen: 55.981 ng
RT: 14.051 min Scan# 1847
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

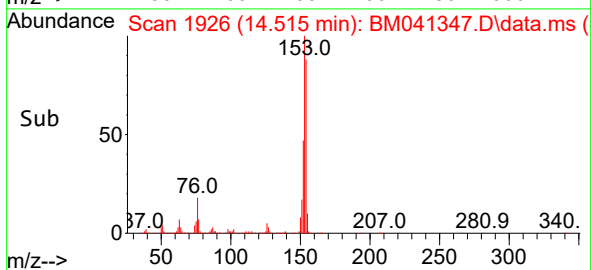
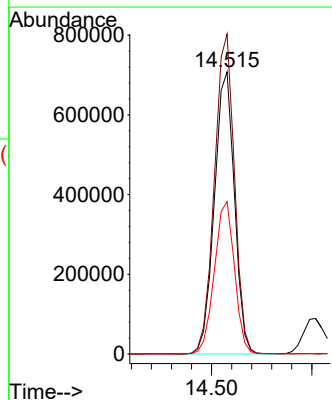
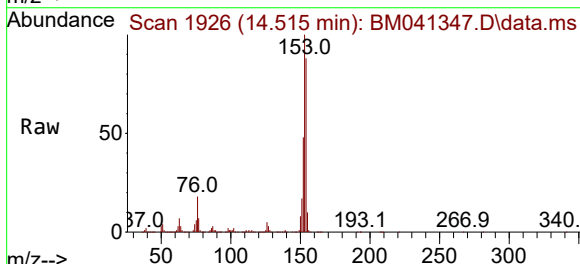
Instrument :
BNA_M
ClientSampleId :
TP-38MS

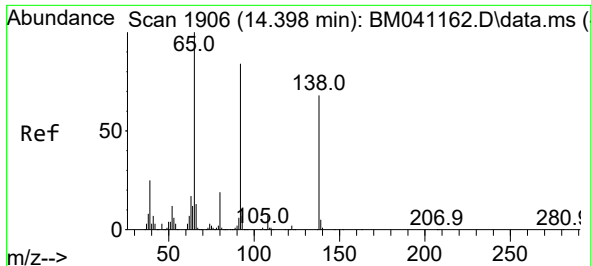
Tgt Ion:165 Resp: 282440
Ion Ratio Lower Upper
165 100
63 62.2 50.9 76.3
89 63.6 50.6 76.0



#52
Acenaphthene
Concen: 51.593 ng
RT: 14.515 min Scan# 1926
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:154 Resp: 982988
Ion Ratio Lower Upper
154 100
153 113.5 90.2 135.4
152 54.0 43.4 65.0

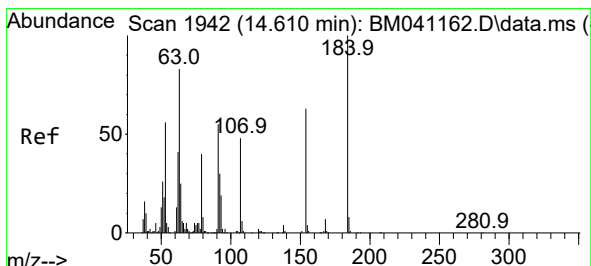
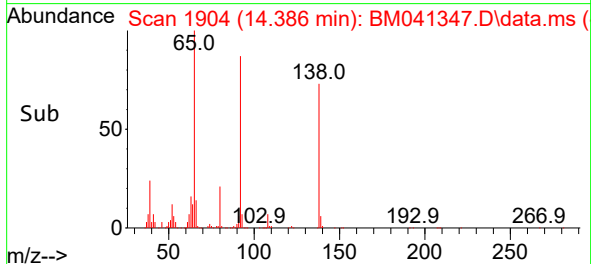
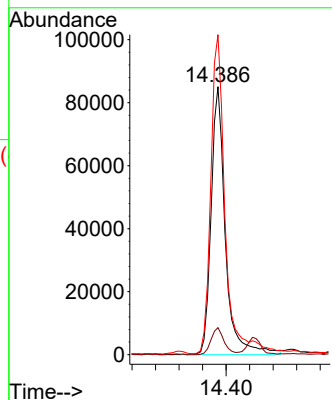
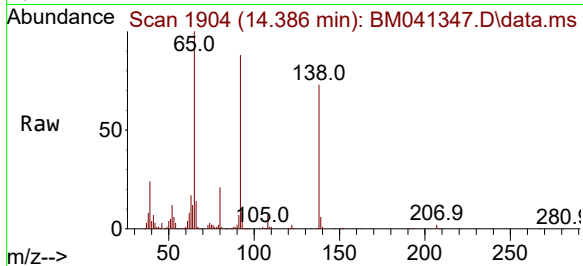




#53
3-Nitroaniline
Concen: 25.718 ng
RT: 14.386 min Scan# 1904
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

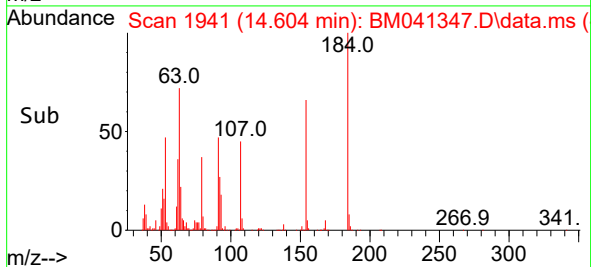
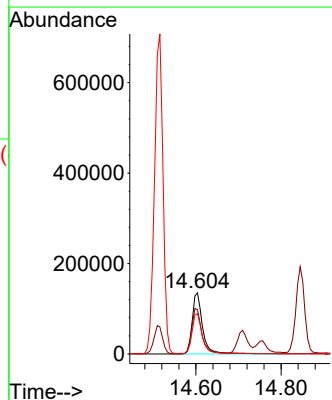
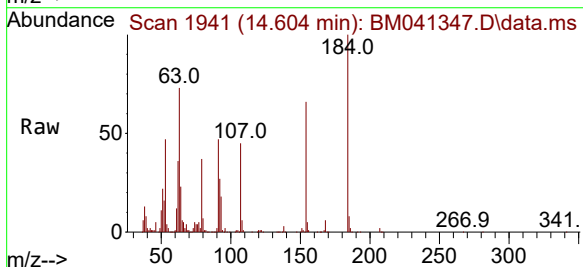
Instrument :
BNA_M
ClientSampleId :
TP-38MS

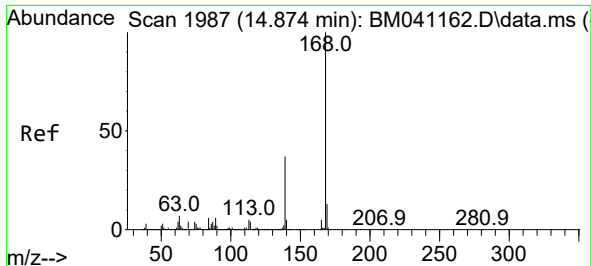
Tgt Ion:138 Resp: 142767
Ion Ratio Lower Upper
138 100
108 10.1 7.6 11.4
92 119.4 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 68.307 ng
RT: 14.604 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:184 Resp: 229591
Ion Ratio Lower Upper
184 100
63 72.7 66.5 99.7
154 65.9 52.8 79.2

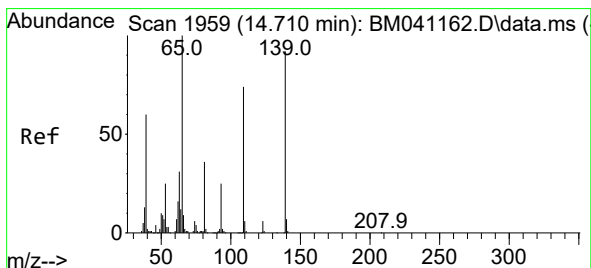
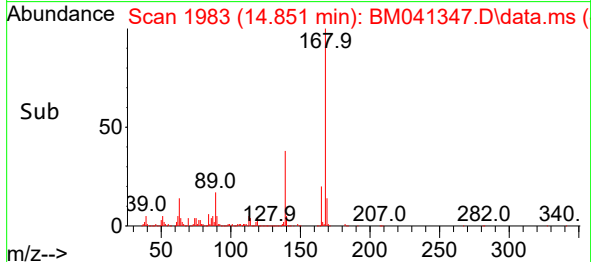
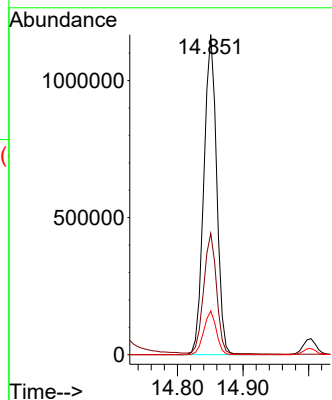
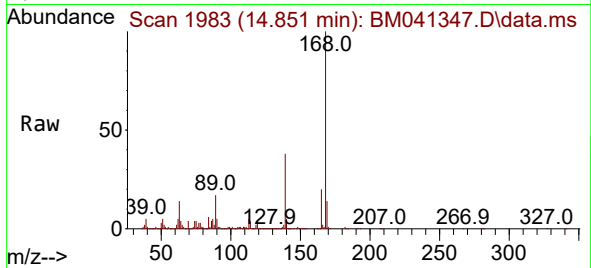




#55
Dibenzenofuran
Concen: 51.218 ng
RT: 14.851 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

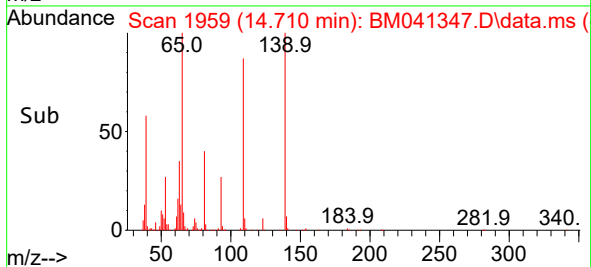
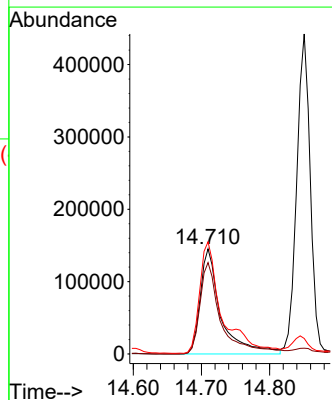
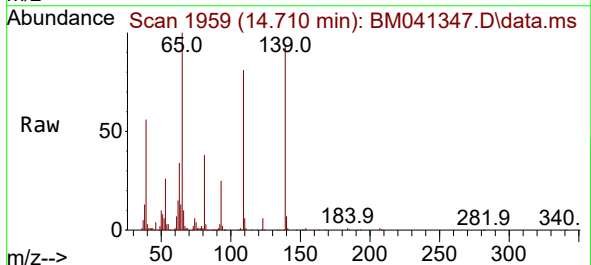
Instrument :
BNA_M
ClientSampleId :
TP-38MS

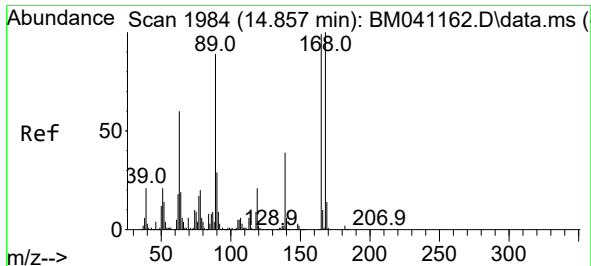
Tgt Ion:168 Resp: 1592156
Ion Ratio Lower Upper
168 100
139 37.9 29.8 44.6
169 13.6 10.5 15.7



#56
4-Nitrophenol
Concen: 72.984 ng
RT: 14.710 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:139 Resp: 306885
Ion Ratio Lower Upper
139 100
109 86.9 61.2 101.2
65 106.7 89.5 129.5

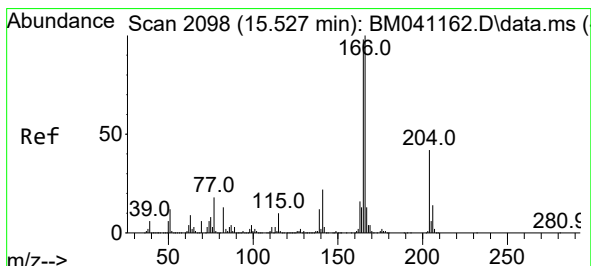
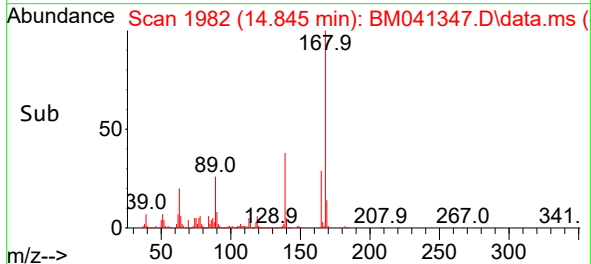
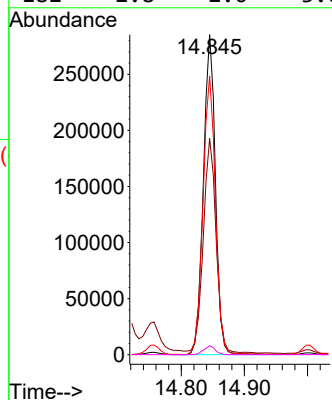
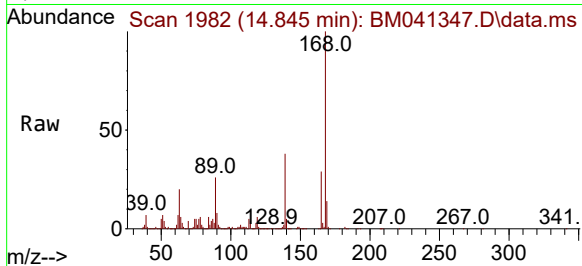




#57
2,4-Dinitrotoluene
Concen: 52.308 ng
RT: 14.845 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

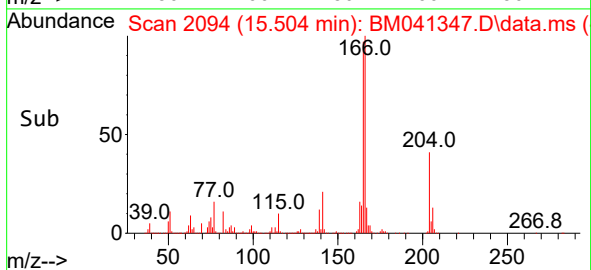
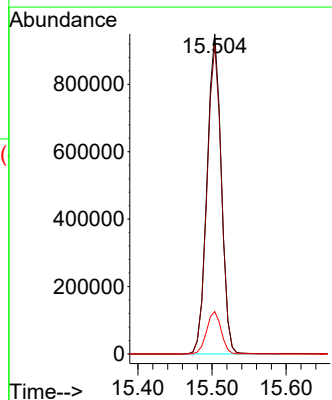
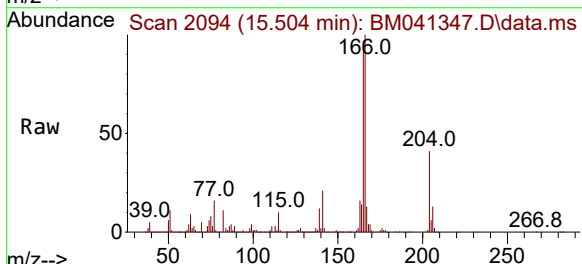
Instrument :
BNA_M
ClientSampleId :
TP-38MS

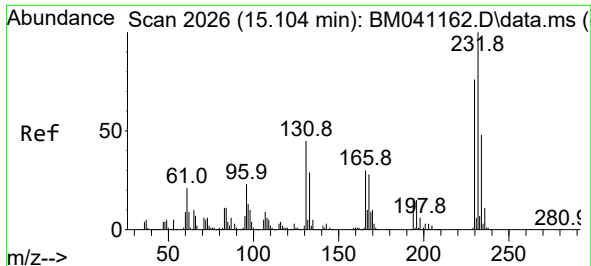
Tgt Ion:165 Resp: 378701
Ion Ratio Lower Upper
165 100
63 67.6 48.3 72.5
89 87.1 71.8 107.8
182 2.8 2.0 3.0



#58
Fluorene
Concen: 51.752 ng
RT: 15.504 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:166 Resp: 1269124
Ion Ratio Lower Upper
166 100
165 96.6 78.2 117.4
167 13.2 10.6 16.0

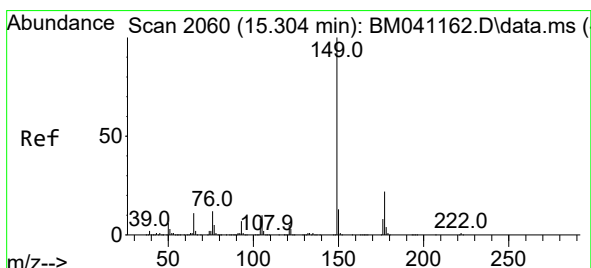
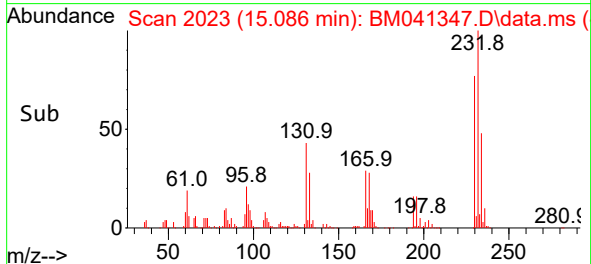
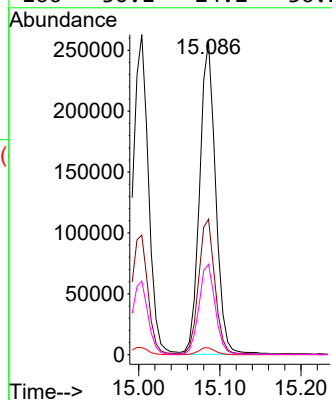
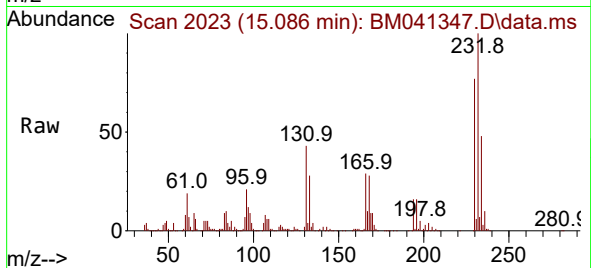




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.544 ng
RT: 15.086 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

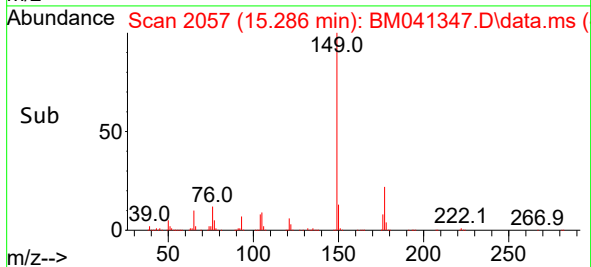
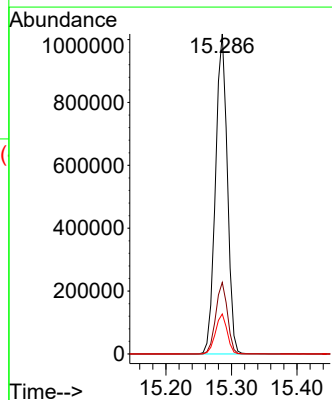
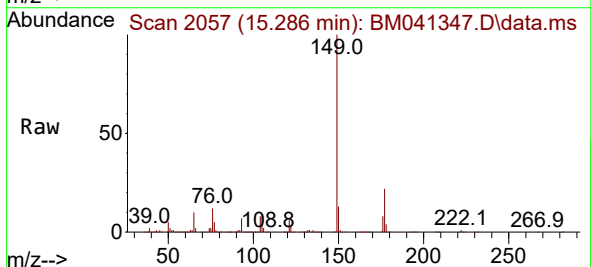
Instrument :
BNA_M
ClientSampleId :
TP-38MS

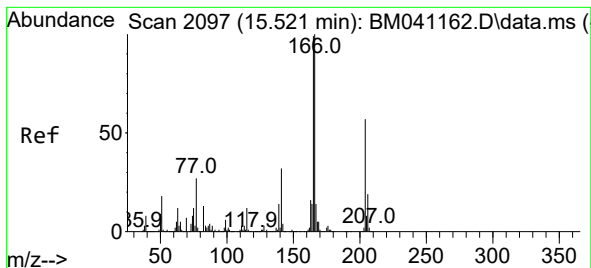
Tgt Ion:232 Resp: 350713
Ion Ratio Lower Upper
232 100
131 44.7 36.9 55.3
130 2.4 2.0 3.0
166 30.1 24.2 36.2



#60
Diethylphthalate
Concen: 54.107 ng
RT: 15.286 min Scan# 2057
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:149 Resp: 1274076
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.5 10.1 15.1

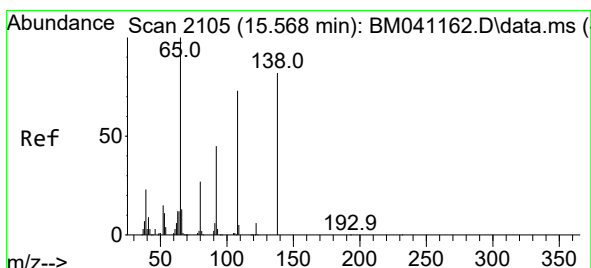
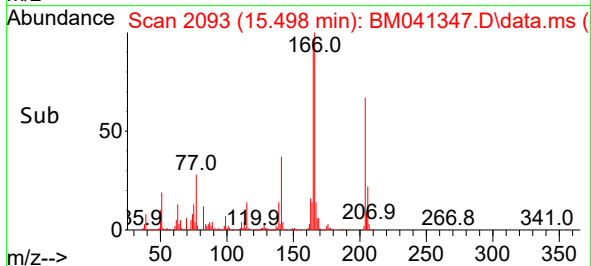
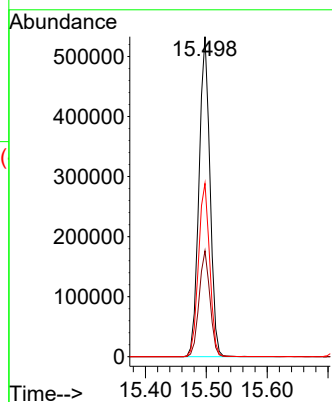
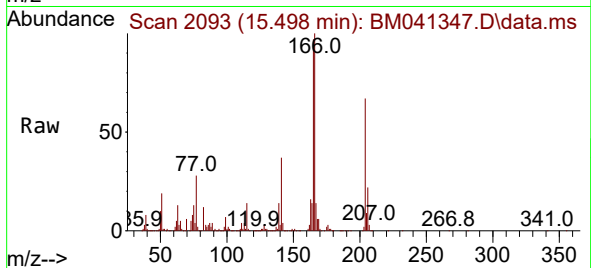




#61
4-Chlorophenyl-phenylether
Concen: 54.413 ng
RT: 15.498 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

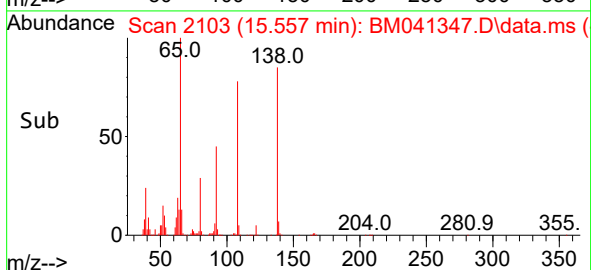
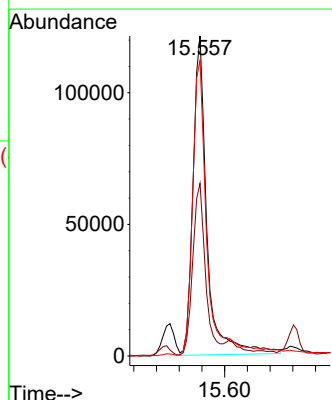
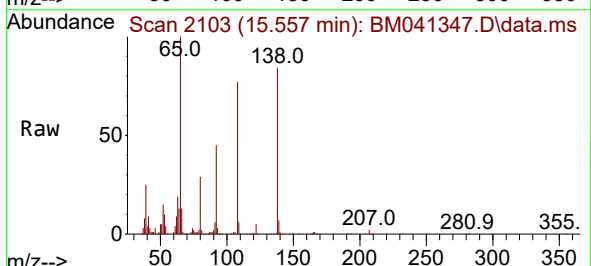
Instrument :
BNA_M
ClientSampleId :
TP-38MS

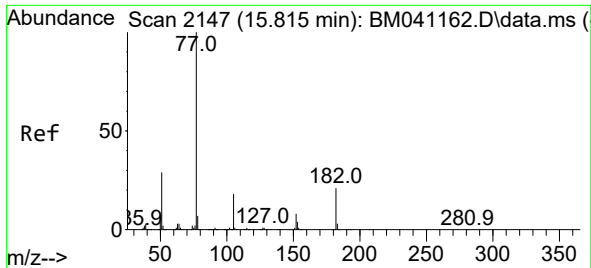
Tgt Ion:204 Resp: 668672
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 54.1 44.8 67.2



#62
4-Nitroaniline
Concen: 39.455 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:138 Resp: 207960
Ion Ratio Lower Upper
138 100
92 53.9 35.1 75.1
108 92.4 67.8 107.8

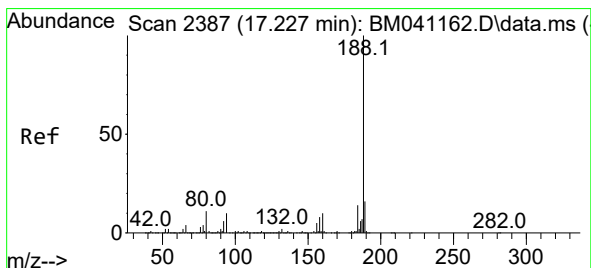
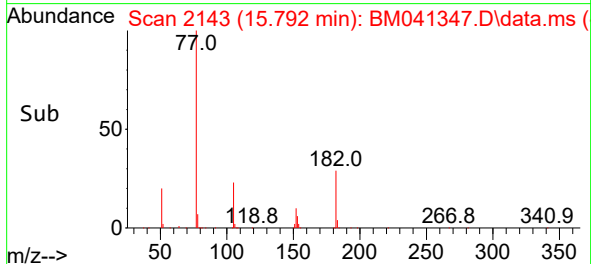
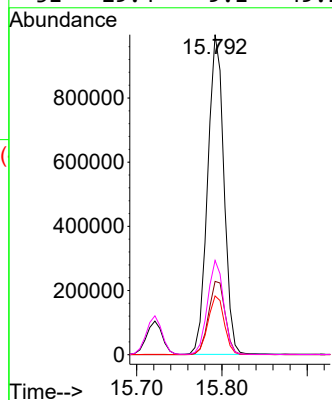
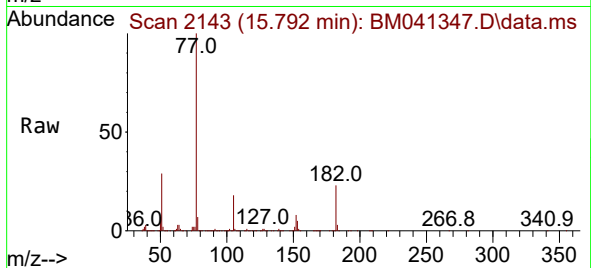




#63
Azobenzene
Concen: 50.997 ng
RT: 15.792 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

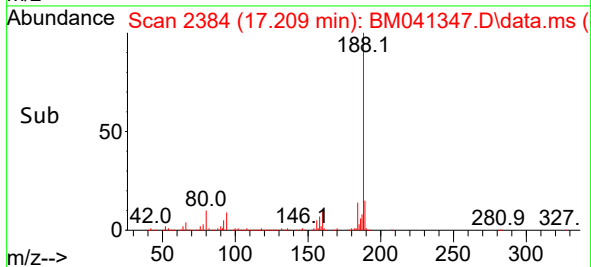
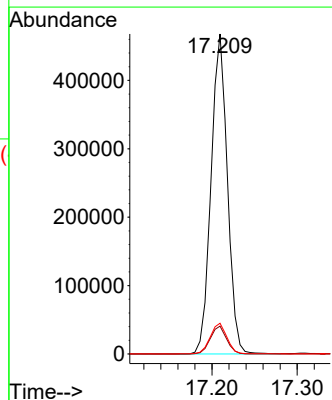
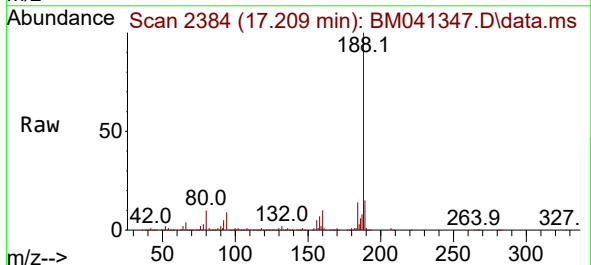
Instrument :
BNA_M
ClientSampleId :
TP-38MS

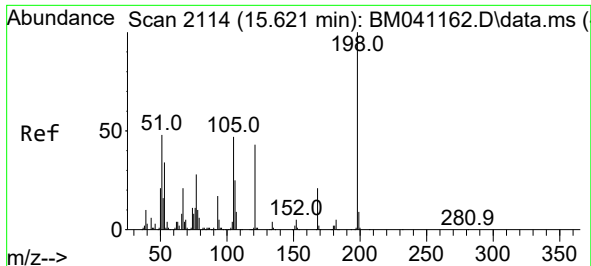
Tgt Ion: 77 Resp: 1315396
Ion Ratio Lower Upper
77 100
182 22.9 1.3 41.3
105 18.3 0.0 38.5
51 29.4 9.1 49.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:188 Resp: 622781
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 9.6 8.6 13.0

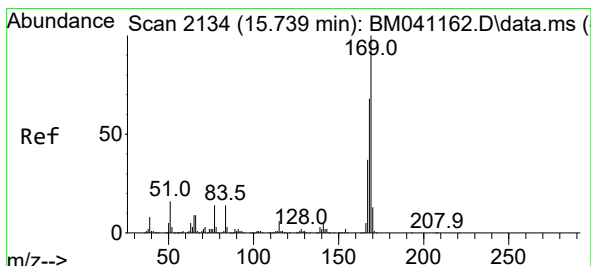
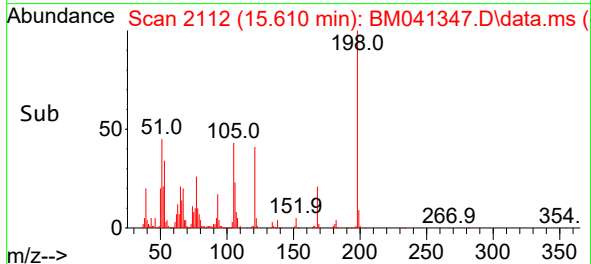
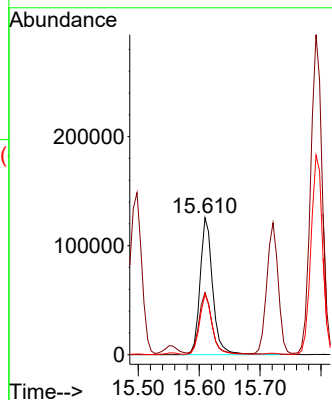
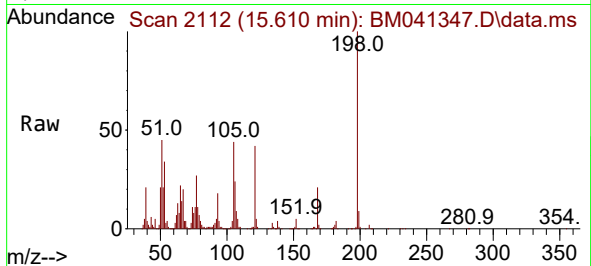




#65
4,6-Dinitro-2-methylphenol
Concen: 47.826 ng
RT: 15.610 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

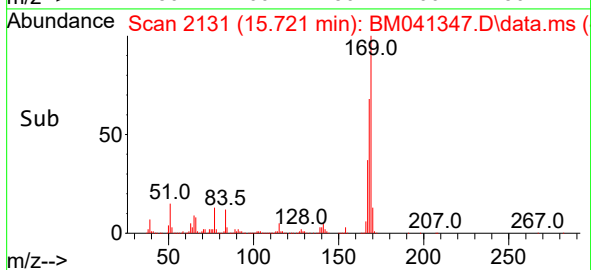
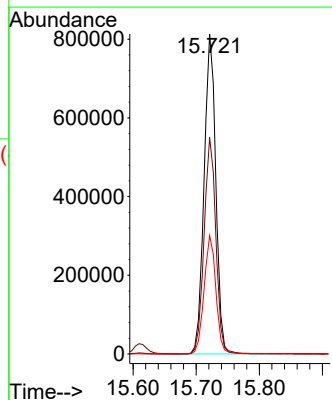
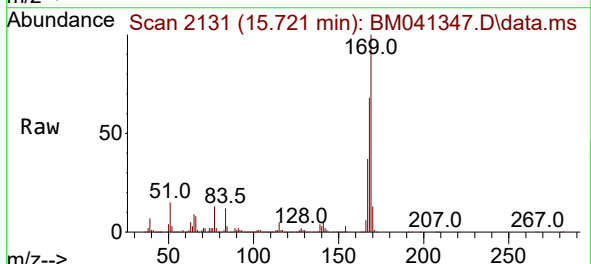
Instrument :
BNA_M
ClientSampleId :
TP-38MS

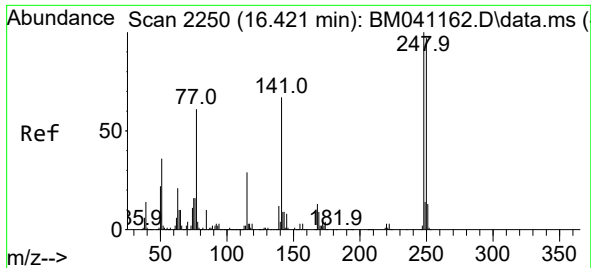
Tgt Ion:198 Resp: 180438
Ion Ratio Lower Upper
198 100
51 45.4 31.7 71.7
105 44.2 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 54.193 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:169 Resp: 1049654
Ion Ratio Lower Upper
169 100
168 67.7 54.6 81.8
167 37.0 29.9 44.9

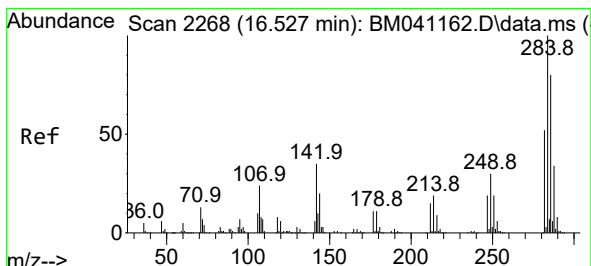
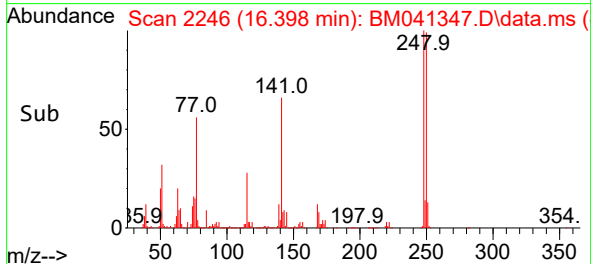
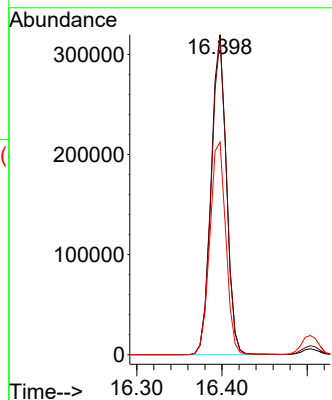
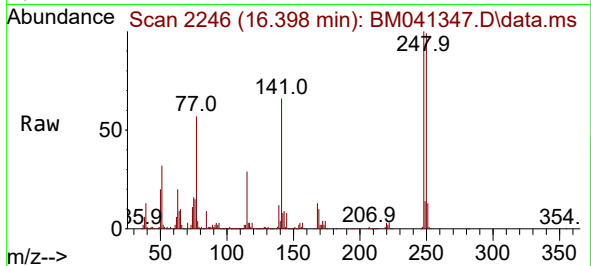




#67
4-Bromophenyl-phenylether
Concen: 58.358 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

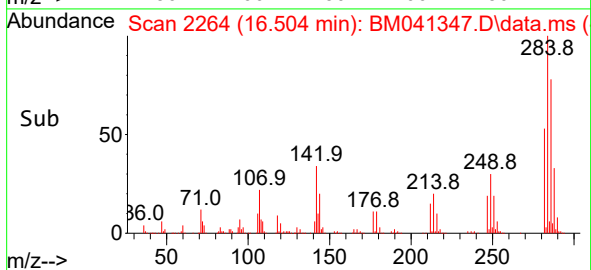
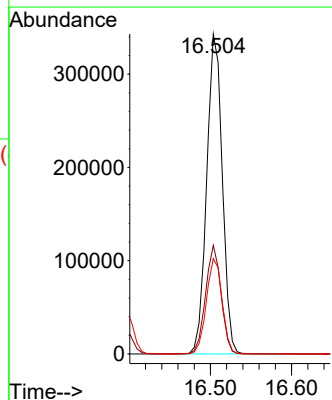
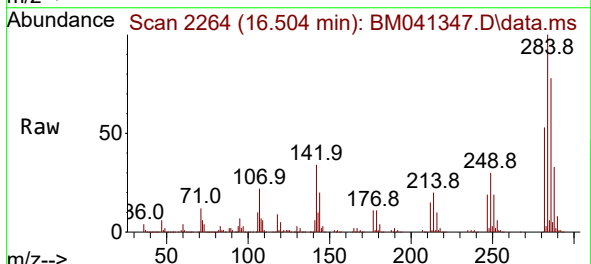
Instrument :
BNA_M
ClientSampleId :
TP-38MS

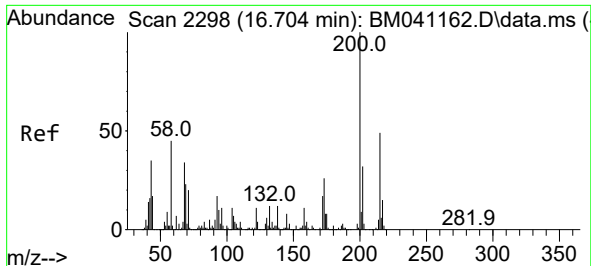
Tgt Ion:248 Resp: 398485
Ion Ratio Lower Upper
248 100
250 98.9 78.0 117.0
141 66.5 53.8 80.8



#68
Hexachlorobenzene
Concen: 60.340 ng
RT: 16.504 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:284 Resp: 458149
Ion Ratio Lower Upper
284 100
142 33.9 28.0 42.0
249 29.8 23.7 35.5

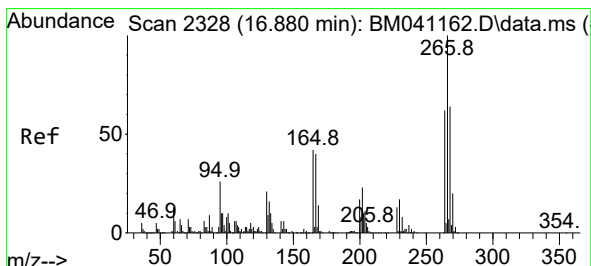
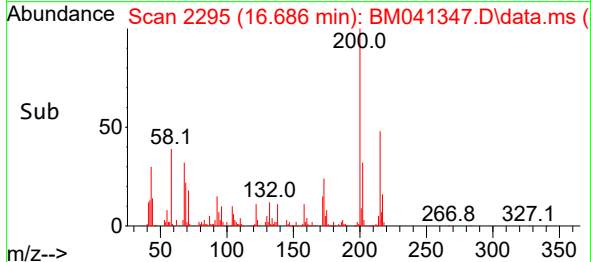
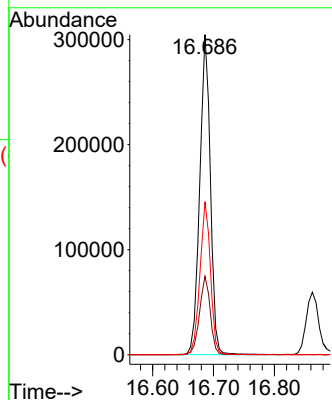
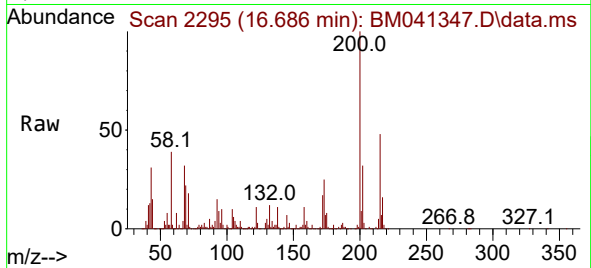




#69
 Atrazine
 Concen: 72.696 ng
 RT: 16.686 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041347.D
 Acq: 09 Aug 2023 19:47

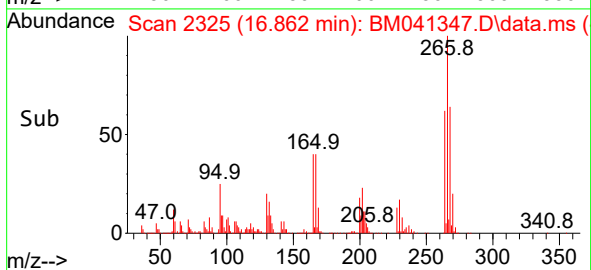
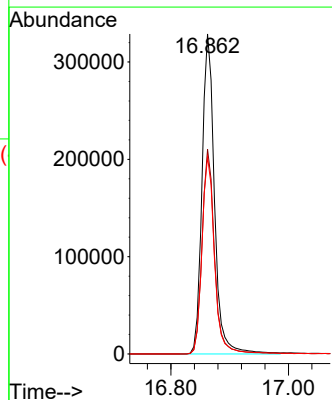
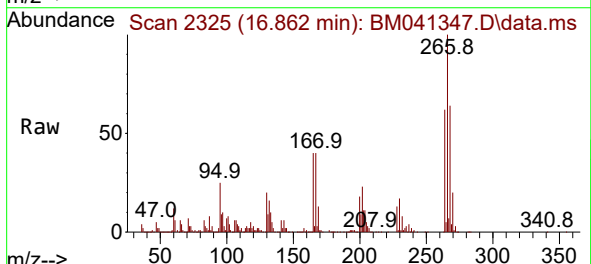
Instrument :
 BNA_M
 ClientSampleId :
 TP-38MS

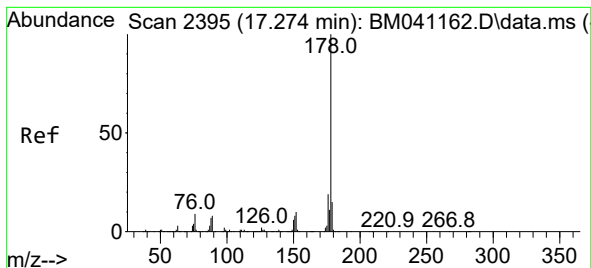
Tgt Ion:200 Resp: 369772
 Ion Ratio Lower Upper
 200 100
 173 24.5 5.6 45.6
 215 47.8 28.5 68.5



#70
 Pentachlorophenol
 Concen: 92.328 ng
 RT: 16.862 min Scan# 2325
 Delta R.T. -0.000 min
 Lab File: BM041347.D
 Acq: 09 Aug 2023 19:47

Tgt Ion:266 Resp: 485429
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.0 76.6
 264 61.6 49.4 74.2





#71

Phenanthrene

Concen: 52.193 ng

RT: 17.251 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

Instrument :

BNA_M

ClientSampleId :

TP-38MS

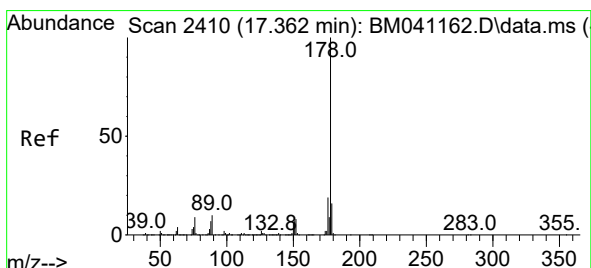
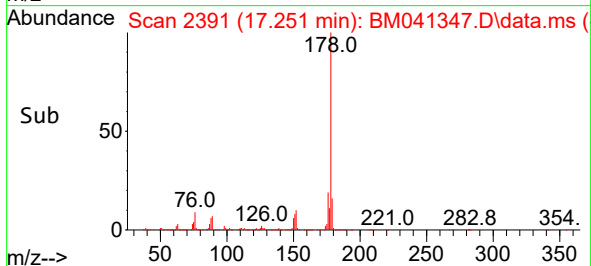
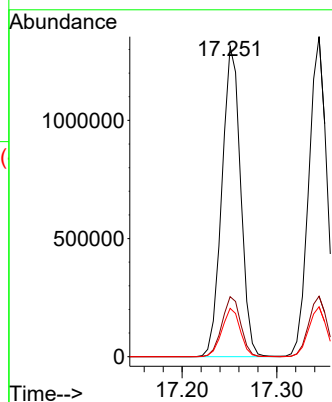
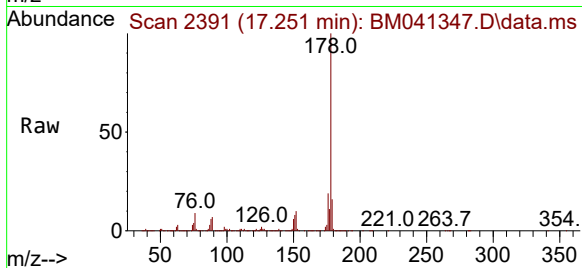
Tgt Ion:178 Resp: 1805982

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.6 12.1 18.1



#72

Anthracene

Concen: 53.305 ng

RT: 17.345 min Scan# 2407

Delta R.T. -0.000 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

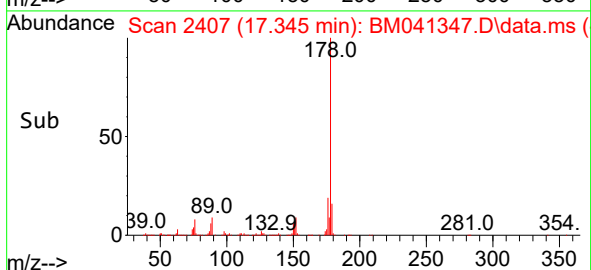
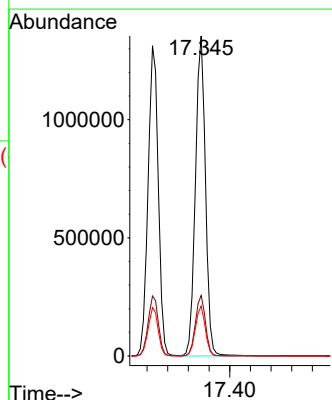
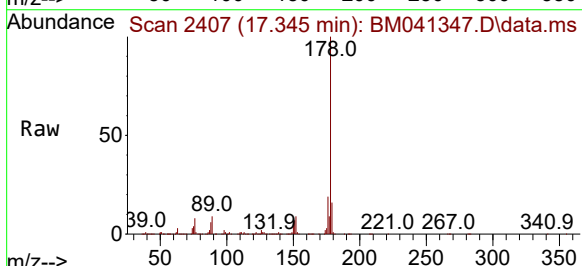
Tgt Ion:178 Resp: 1824219

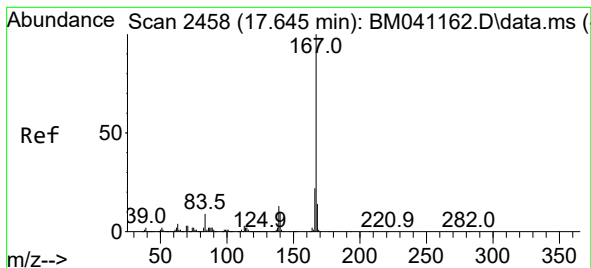
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.6 12.4 18.6





#73

Carbazole

Concen: 50.236 ng

RT: 17.627 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

Instrument :

BNA_M

ClientSampleId :

TP-38MS

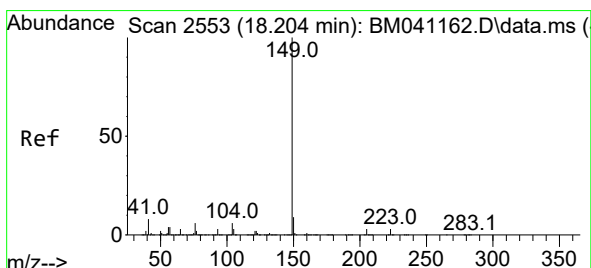
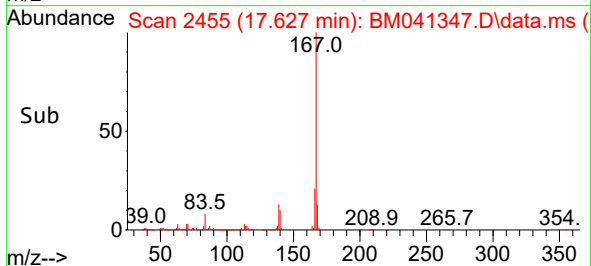
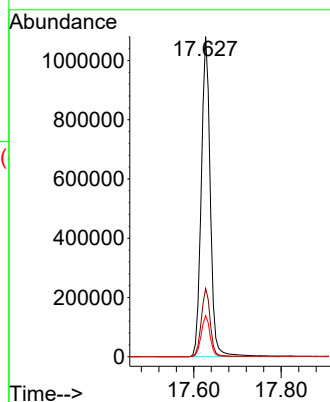
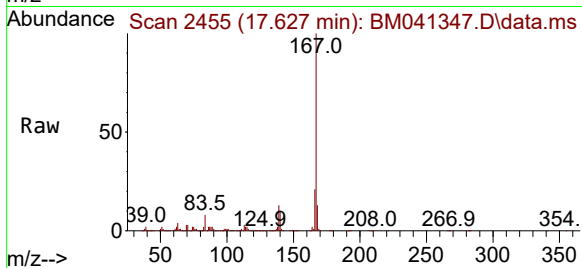
Tgt Ion:167 Resp: 1556043

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

139 12.8 10.3 15.5



#74

Di-n-butylphthalate

Concen: 58.445 ng

RT: 18.186 min Scan# 2550

Delta R.T. 0.006 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

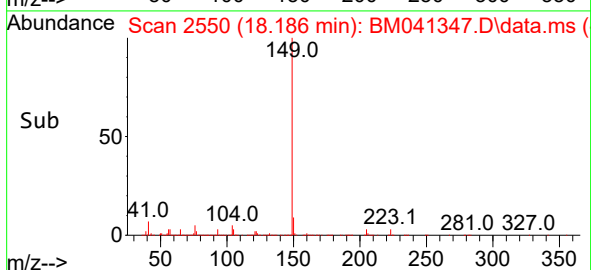
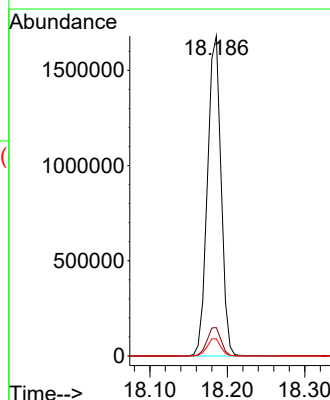
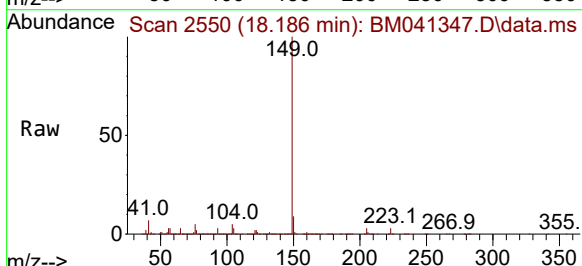
Tgt Ion:149 Resp: 2045649

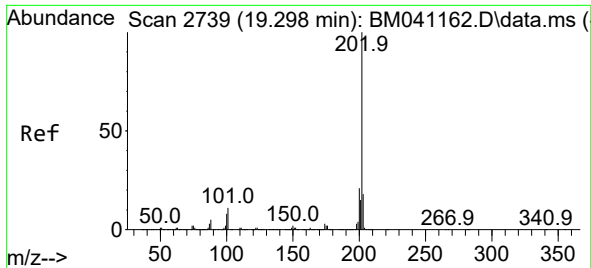
Ion Ratio Lower Upper

149 100

150 8.9 7.3 10.9

104 5.4 4.5 6.7

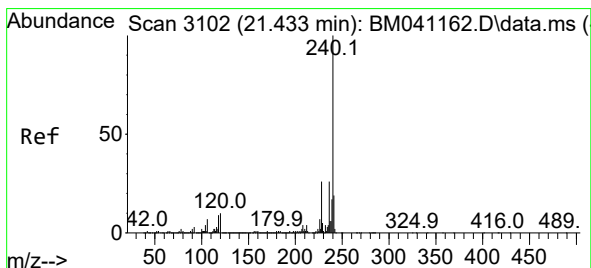
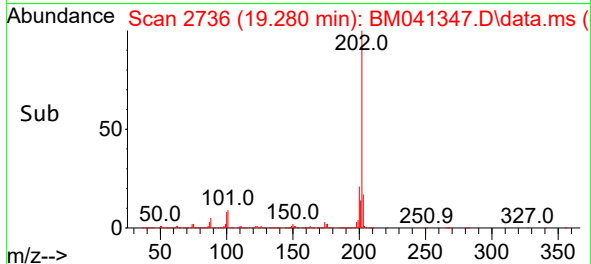
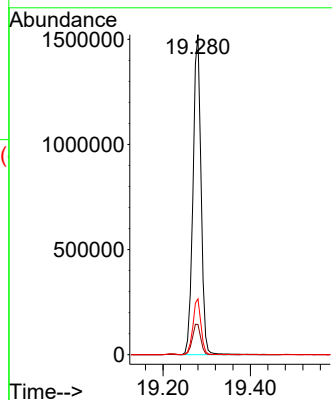
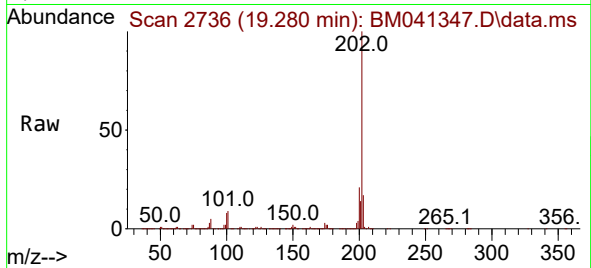




#75
Fluoranthene
Concen: 49.916 ng
RT: 19.280 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

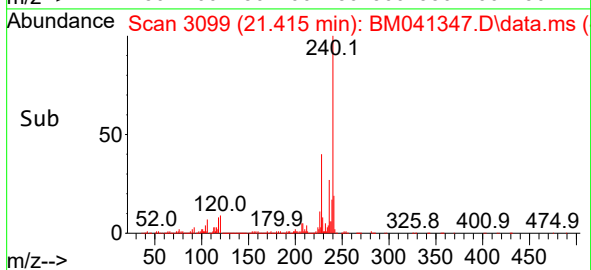
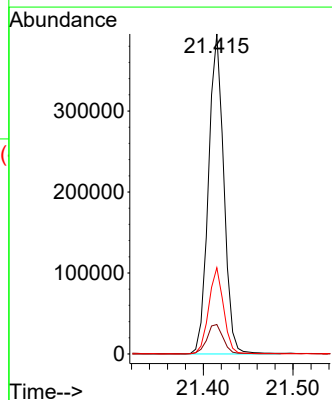
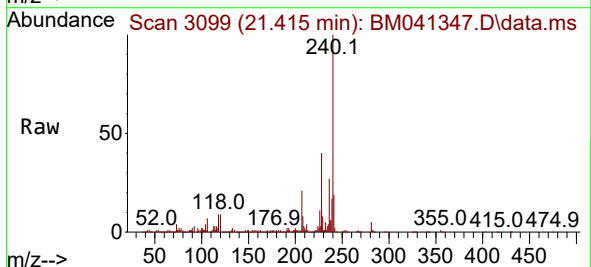
Instrument :
BNA_M
ClientSampleId :
TP-38MS

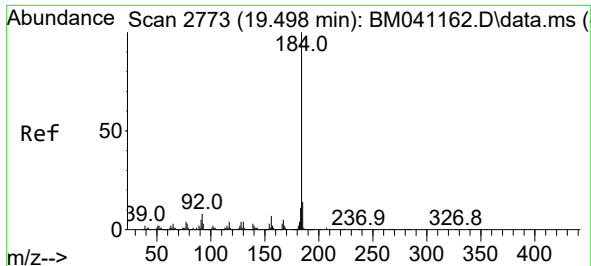
Tgt Ion:202 Resp: 1940456
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.8
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:240 Resp: 469264
Ion Ratio Lower Upper
240 100
120 9.2 8.3 12.5
236 26.9 20.6 30.8

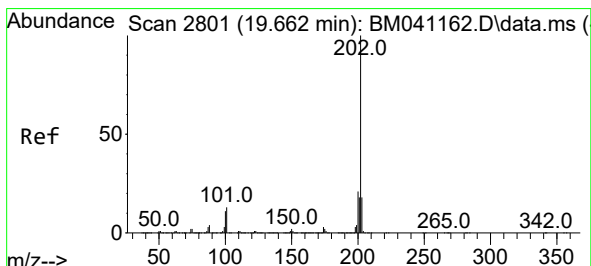
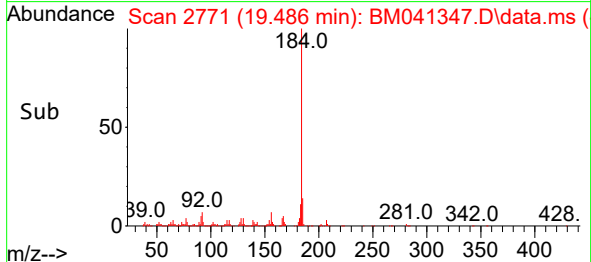
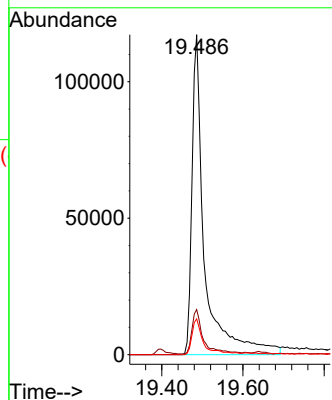
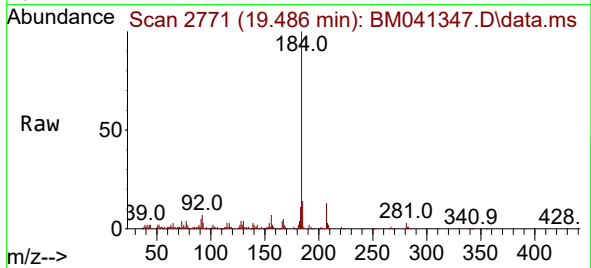




#77
Benzidine
Concen: 39.511 ng
RT: 19.486 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

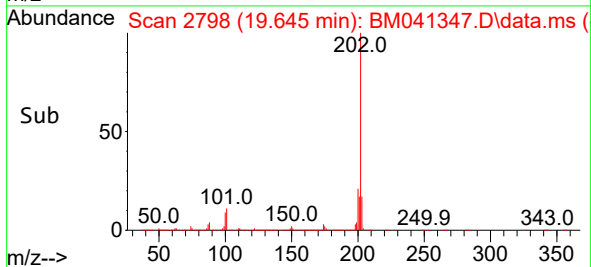
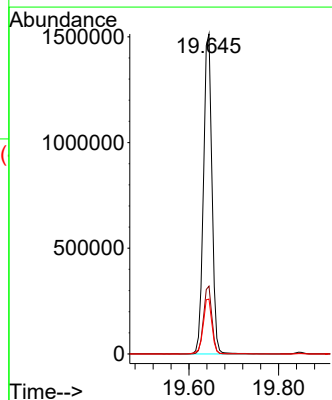
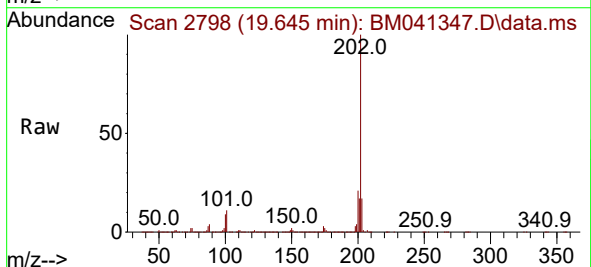
Instrument :
BNA_M
ClientSampleId :
TP-38MS

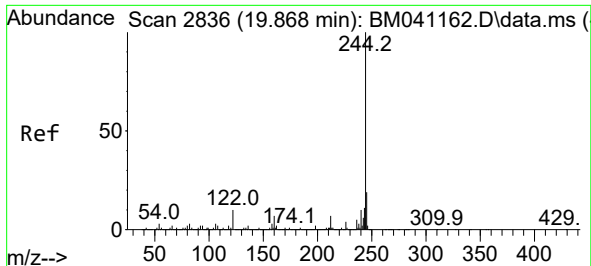
Tgt Ion:184 Resp: 252711
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.2 9.2 13.8



#78
Pyrene
Concen: 60.369 ng
RT: 19.645 min Scan# 2798
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:202 Resp: 1981090
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.1 14.1 21.1

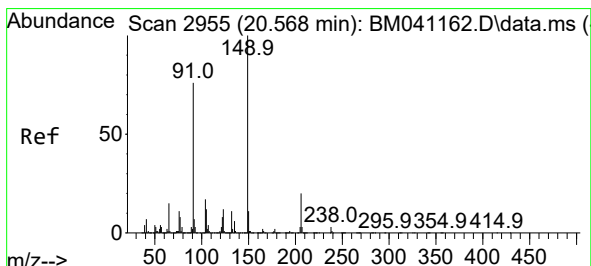
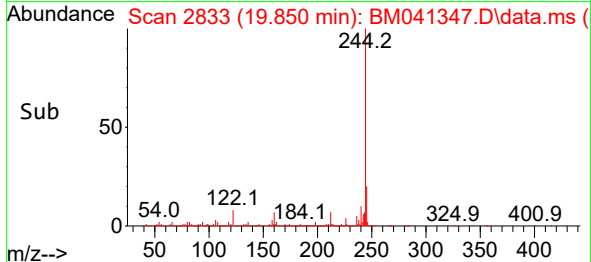
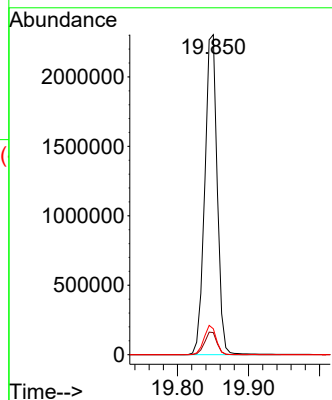
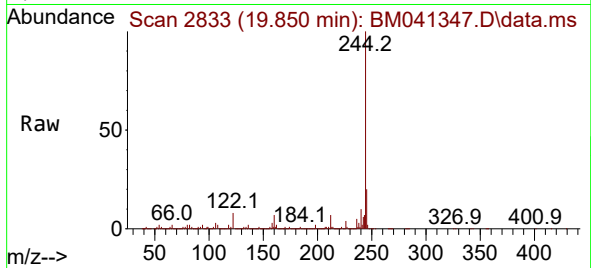




#79
 Terphenyl-d14
 Concen: 108.230 ng
 RT: 19.850 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041347.D
 Acq: 09 Aug 2023 19:47

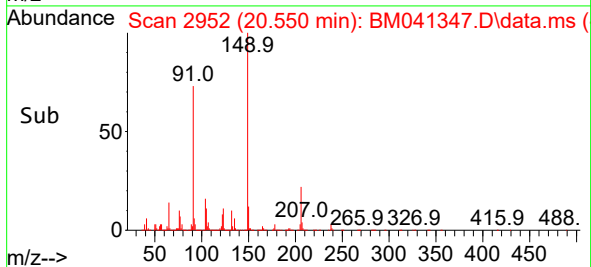
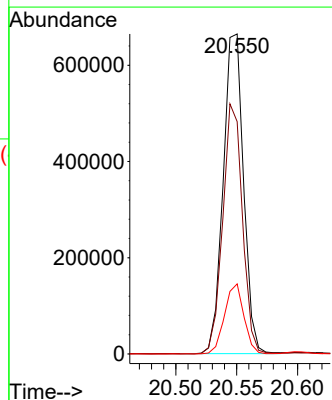
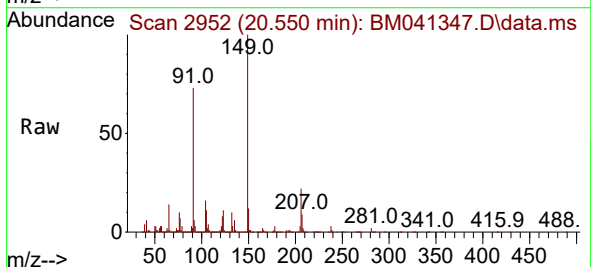
Instrument :
 BNA_M
 ClientSampleId :
 TP-38MS

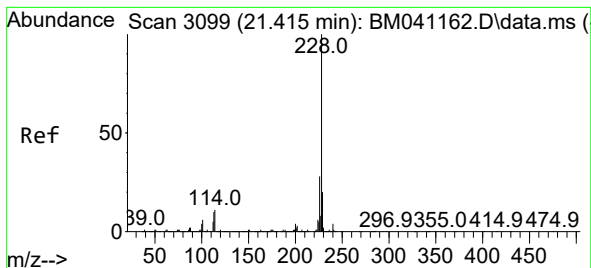
Tgt Ion:244 Resp: 2809016
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 8.1 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 64.561 ng
 RT: 20.550 min Scan# 2952
 Delta R.T. -0.000 min
 Lab File: BM041347.D
 Acq: 09 Aug 2023 19:47

Tgt Ion:149 Resp: 773690
 Ion Ratio Lower Upper
 149 100
 91 72.6 60.8 91.2
 206 21.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 55.173 ng

RT: 21.397 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

Instrument :

BNA_M

ClientSampleId :

TP-38MS

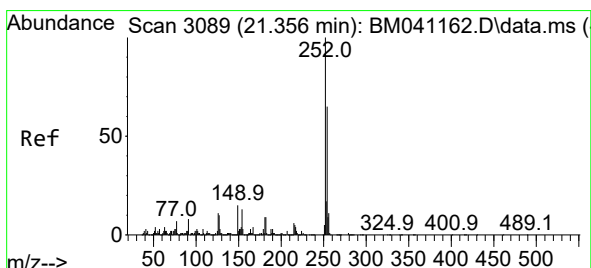
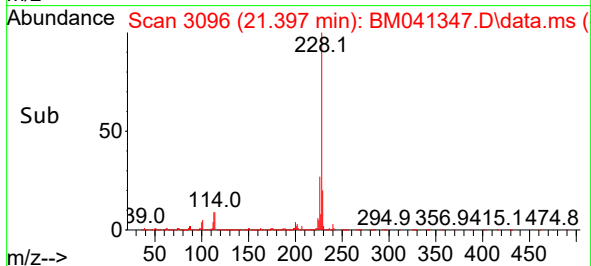
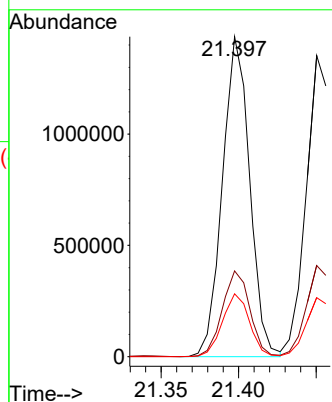
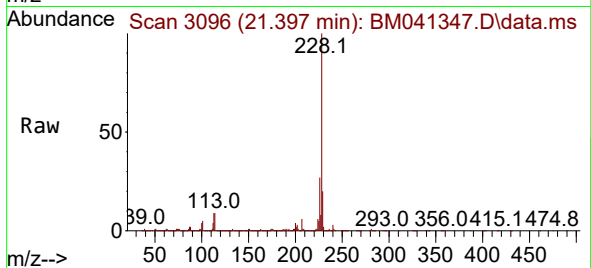
Tgt Ion:228 Resp: 1755191

Ion Ratio Lower Upper

228 100

226 26.8 22.4 33.6

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 33.690 ng

RT: 21.339 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

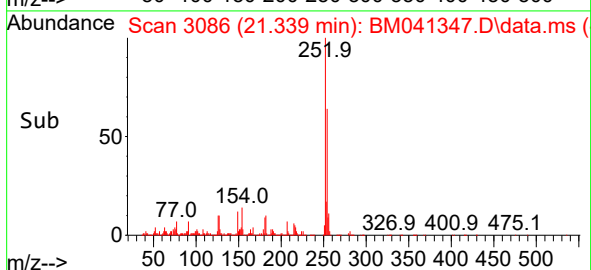
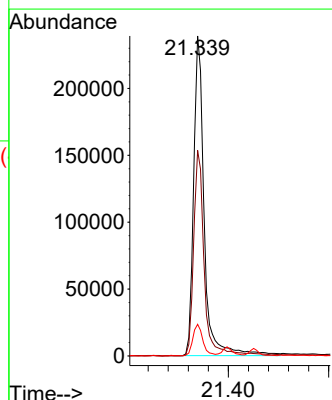
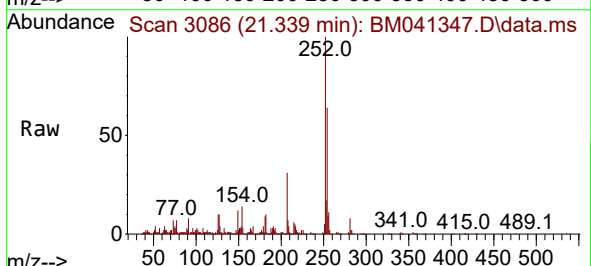
Tgt Ion:252 Resp: 349729

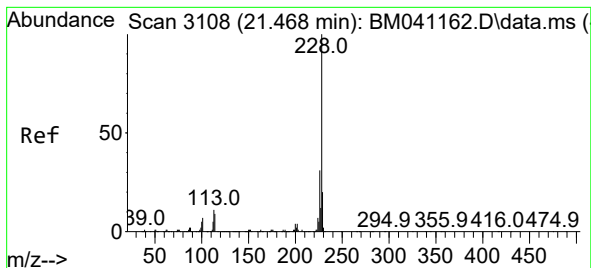
Ion Ratio Lower Upper

252 100

254 64.2 51.8 77.6

126 9.9 8.6 13.0





#83

Chrysene

Concen: 52.635 ng

RT: 21.450 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

Instrument :

BNA_M

ClientSampleId :

TP-38MS

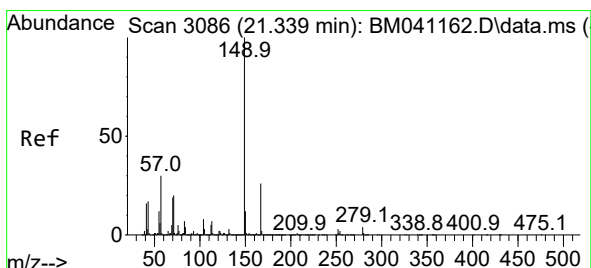
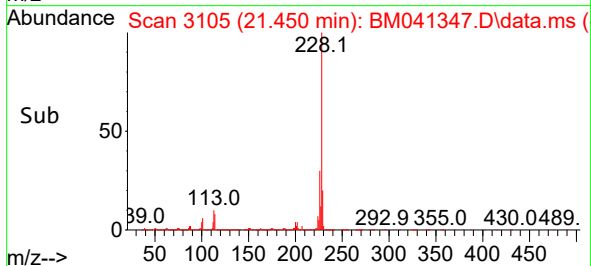
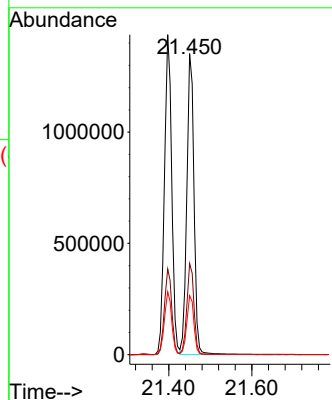
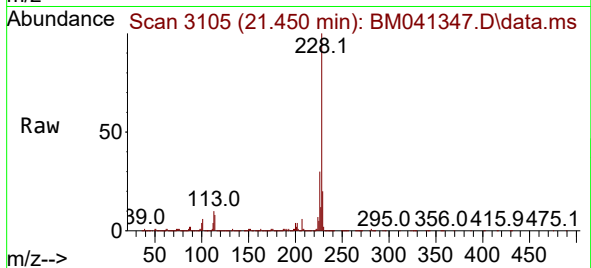
Tgt Ion:228 Resp: 1619575

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.168 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

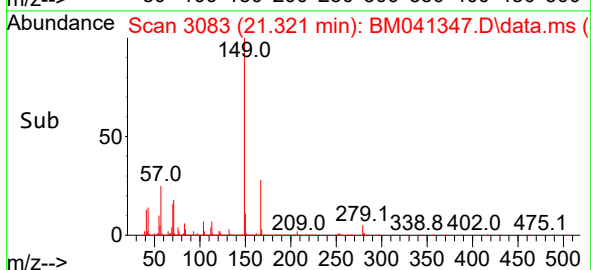
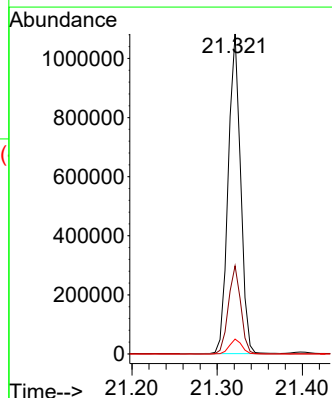
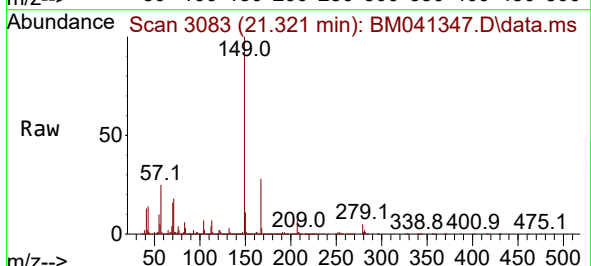
Tgt Ion:149 Resp: 1097716

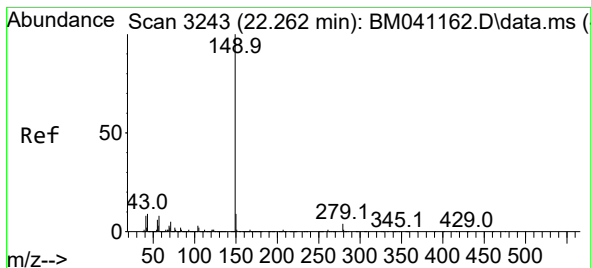
Ion Ratio Lower Upper

149 100

167 27.5 21.0 31.6

279 4.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 60.831 ng

RT: 22.233 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

Instrument :

BNA_M

ClientSampleId :

TP-38MS

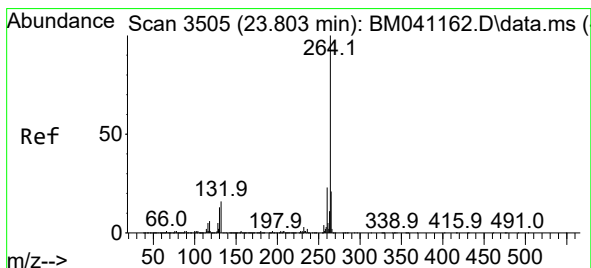
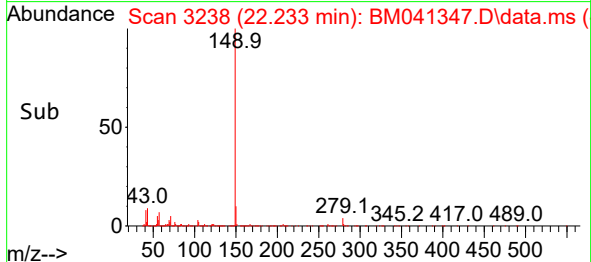
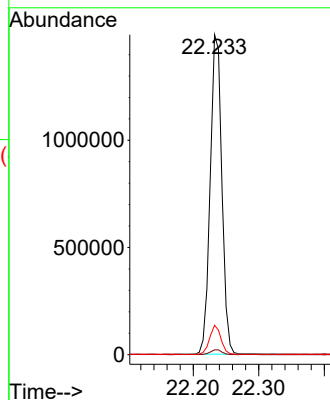
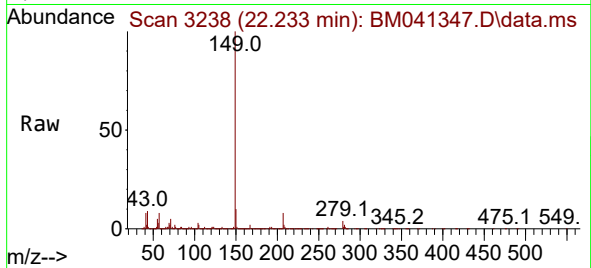
Tgt Ion:149 Resp: 1842412

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.8 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3501

Delta R.T. -0.000 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

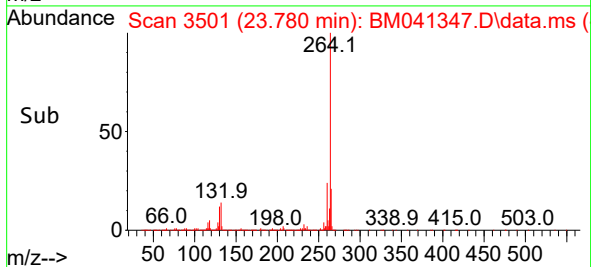
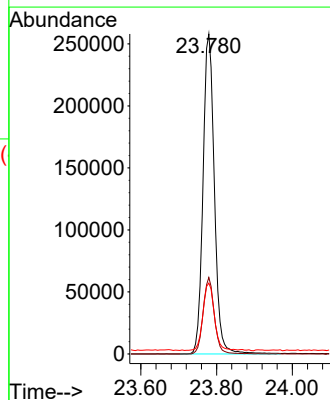
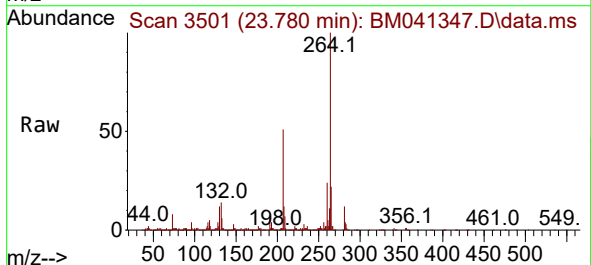
Tgt Ion:264 Resp: 538778

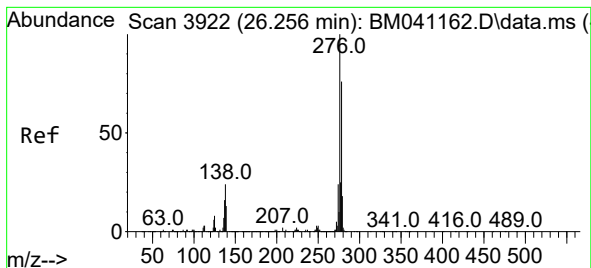
Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.359 ng

RT: 26.232 min Scan# 3918

Delta R.T. -0.000 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

Instrument :

BNA_M

ClientSampleId :

TP-38MS

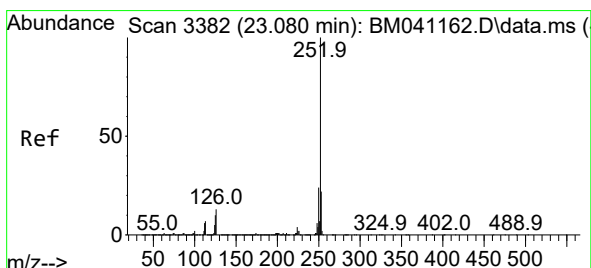
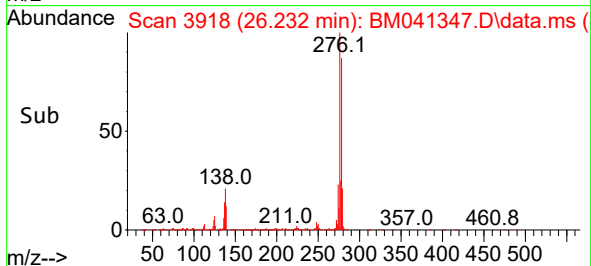
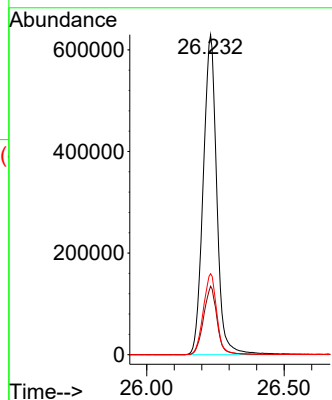
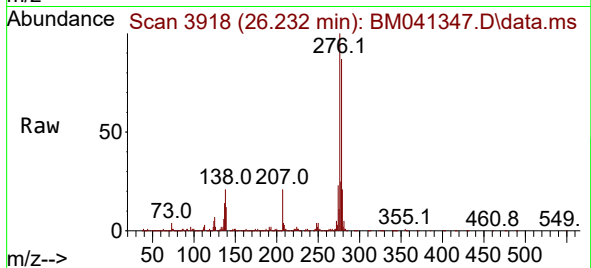
Tgt Ion:276 Resp: 2153248

Ion Ratio Lower Upper

276 100

138 21.3 20.0 30.0

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 54.856 ng

RT: 23.062 min Scan# 3379

Delta R.T. -0.000 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

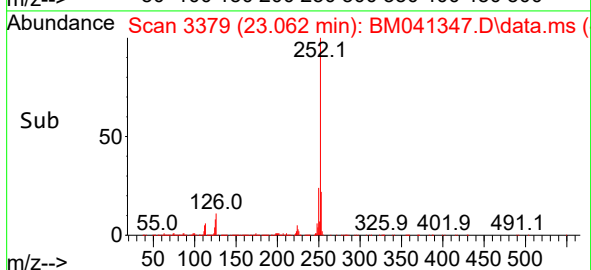
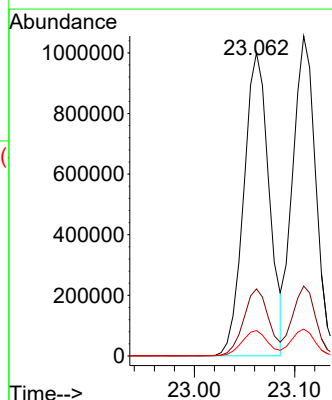
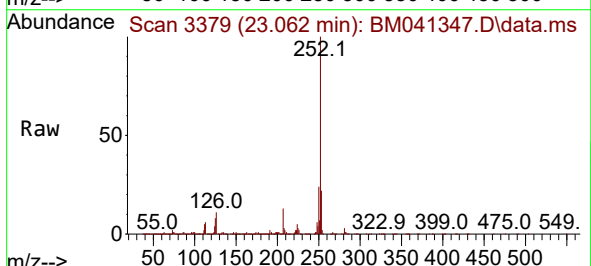
Tgt Ion:252 Resp: 1755752

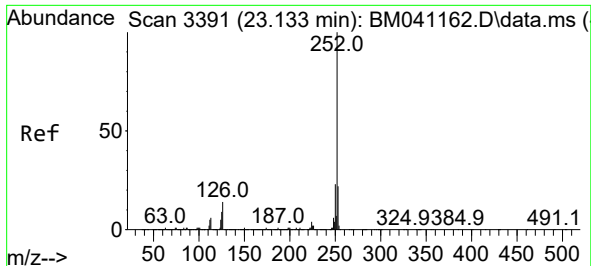
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 8.4 8.2 12.4

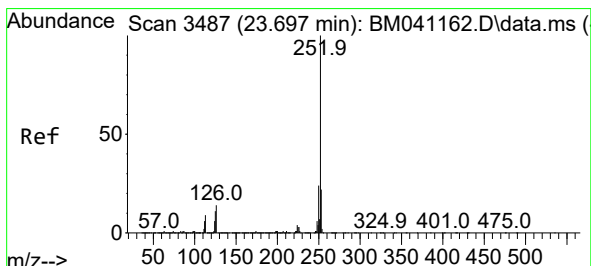
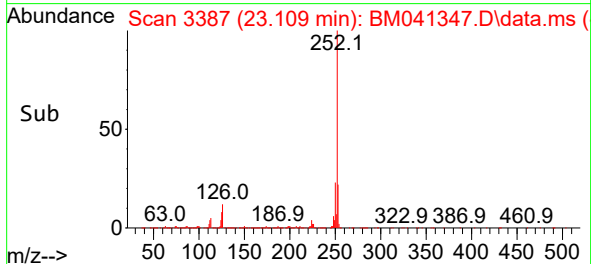
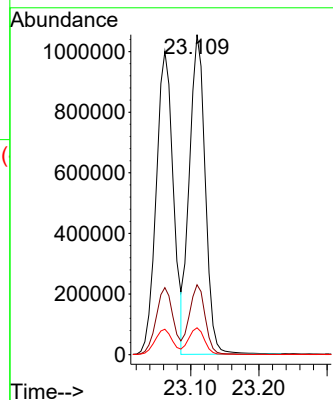
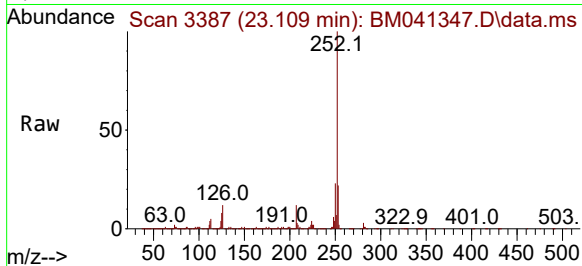




#89
Benzo(k)fluoranthene
Concen: 51.657 ng
RT: 23.109 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

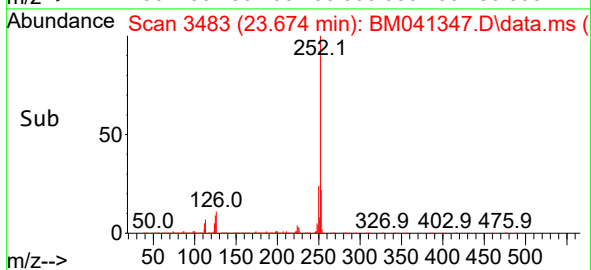
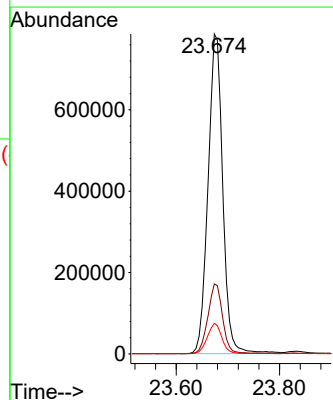
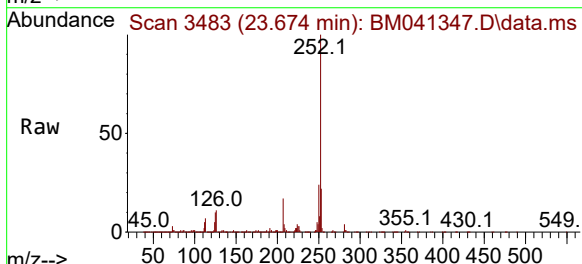
Instrument :
BNA_M
ClientSampleId :
TP-38MS

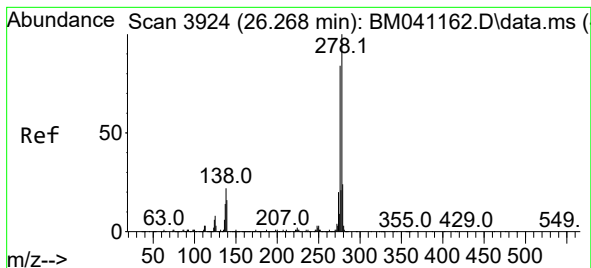
Tgt Ion:252 Resp: 1691249
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.4 7.6 11.4



#90
Benzo(a)pyrene
Concen: 50.379 ng
RT: 23.674 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BM041347.D
Acq: 09 Aug 2023 19:47

Tgt Ion:252 Resp: 1549345
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 54.402 ng

RT: 26.238 min Scan# 3919

Delta R.T. -0.006 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

Instrument :

BNA_M

ClientSampleId :

TP-38MS

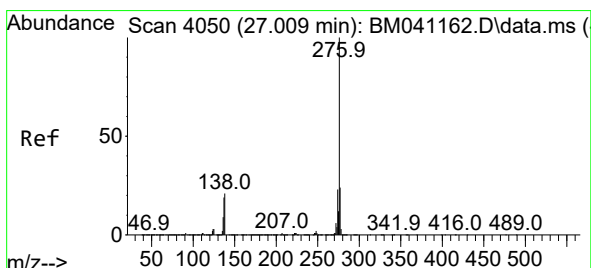
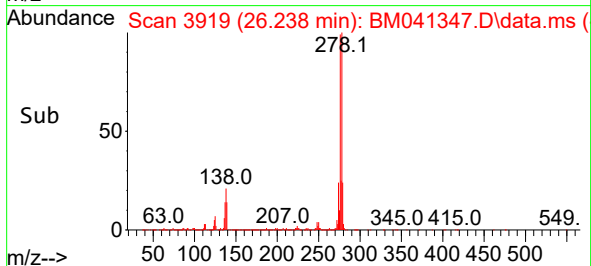
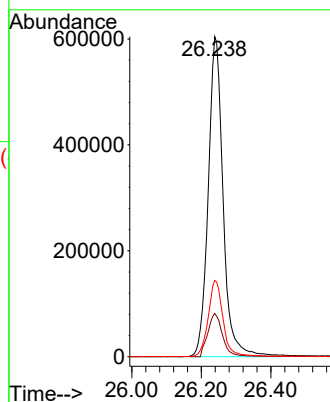
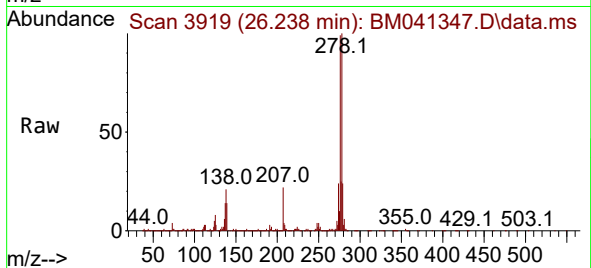
Tgt Ion:278 Resp: 1797408

Ion Ratio Lower Upper

278 100

139 13.5 12.7 19.1

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 53.423 ng

RT: 26.991 min Scan# 4047

Delta R.T. 0.006 min

Lab File: BM041347.D

Acq: 09 Aug 2023 19:47

Tgt Ion:276 Resp: 1727100

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 18.4 17.1 25.7

