

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040168.D
 Acq On : 08 Jun 2023 22:08
 Operator : MA/JU
 Sample : PB153236BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153236BS

Quant Time: Jun 09 02:24:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 23:25:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	296565	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1327066	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	764290	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1582218	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1680364	20.000	ng	0.00
86) Perylene-d12	23.986	264	1794161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2696690	135.774	ng	0.00
7) Phenol-d6	7.151	99	3429820	126.553	ng	0.00
23) Nitrobenzene-d5	9.157	82	1872146	76.357	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	1544103	134.279	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4527413	78.294	ng	0.00
79) Terphenyl-d14	19.986	244	8416278	92.329	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	245464	31.122	ng	99
3) Pyridine	3.805	79	696586	30.791	ng	96
4) n-Nitrosodimethylamine	3.716	42	343226	37.421	ng	91
6) Aniline	7.310	93	1126677	34.349	ng	100
8) 2-Chlorophenol	7.551	128	974814	46.419	ng	98
9) Benzaldehyde	7.122	77	463196	32.095	ng	99
10) Phenol	7.175	94	1290609	48.420	ng	98
11) bis(2-Chloroethyl)ether	7.410	93	899346	41.868	ng	97
12) 1,3-Dichlorobenzene	7.875	146	923191	43.729	ng	100
13) 1,4-Dichlorobenzene	8.022	146	952189	44.141	ng	99
14) 1,2-Dichlorobenzene	8.345	146	921602	43.412	ng	99
15) Benzyl Alcohol	8.234	79	779960	43.607	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1116498	40.771	ng	99
17) 2-Methylphenol	8.434	107	835192	43.976	ng	98
18) Hexachloroethane	9.075	117	338700	43.851	ng	99
19) n-Nitroso-di-n-propyla...	8.804	70	659008	40.022	ng	97
20) 3+4-Methylphenols	8.763	107	1133095	43.703	ng	98
22) Acetophenone	8.816	105	1444040	41.667	ng	# 97
24) Nitrobenzene	9.198	77	1006472	39.881	ng	99
25) Isophorone	9.728	82	1840627	39.755	ng	99
26) 2-Nitrophenol	9.910	139	457393	43.618	ng	99
27) 2,4-Dimethylphenol	9.975	122	941828	45.905	ng	99
28) bis(2-Chloroethoxy)met...	10.210	93	1209100	40.452	ng	99
29) 2,4-Dichlorophenol	10.445	162	862143	45.814	ng	99
30) 1,2,4-Trichlorobenzene	10.663	180	801250	42.034	ng	100
31) Naphthalene	10.851	128	2901688	40.595	ng	100
32) Benzoic acid	10.110	122	594529	39.319	ng	97
33) 4-Chloroaniline	10.963	127	550947	17.307	ng	97
34) Hexachlorobutadiene	11.139	225	393678	39.372	ng	98
35) Caprolactam	11.751	113	145532	22.520	ng	93
36) 4-Chloro-3-methylphenol	12.081	107	963517	44.091	ng	98
37) 2-Methylnaphthalene	12.457	142	1967705	39.809	ng	100
38) 1-Methylnaphthalene	12.680	142	1841278	39.502	ng	99
40) 1,2,4,5-Tetrachloroben...	12.822	216	864510	42.666	ng	99
41) Hexachlorocyclopentadiene	12.804	237	1125876	106.561	ng	99
43) 2,4,6-Trichlorophenol	13.063	196	618751	44.521	ng	98

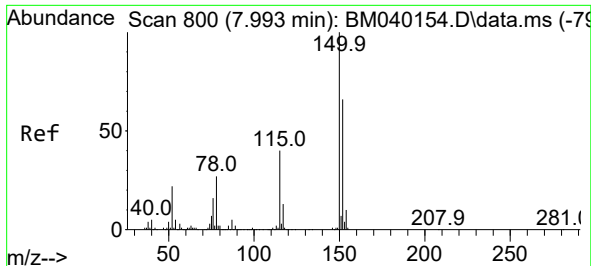
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 QLast Update : Thu Jun 08 23:25:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	682965	40.711	ng	100
46) 1,1'-Biphenyl	13.463	154	2599713	42.421	ng	100
47) 2-Chloronaphthalene	13.504	162	1971116	43.296	ng	100
48) 2-Nitroaniline	13.710	65	587990	43.075	ng	95
49) Acenaphthylene	14.351	152	3199172	42.383	ng	100
50) Dimethylphthalate	14.086	163	2447455	41.057	ng	100
51) 2,6-Dinitrotoluene	14.204	165	509759	42.668	ng	96
52) Acenaphthene	14.692	154	1921679	41.276	ng	100
53) 3-Nitroaniline	14.533	138	399789	26.821	ng	96
54) 2,4-Dinitrophenol	14.739	184	582116	76.869	ng	# 88
55) Dibenzofuran	15.027	168	3097327	42.529	ng	98
56) 4-Nitrophenol	14.839	139	1197547	99.195	ng	93
57) 2,4-Dinitrotoluene	14.986	165	740562	46.447	ng	93
58) Fluorene	15.674	166	2699280	44.279	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	608196	46.366	ng	97
60) Diethylphthalate	15.445	149	2604534	43.062	ng	99
61) 4-Chlorophenyl-phenyle...	15.669	204	1239814	43.511	ng	97
62) 4-Nitroaniline	15.698	138	700084	44.090	ng	95
63) Azobenzene	15.957	77	2524720	42.933	ng	97
65) 4,6-Dinitro-2-methylph...	15.751	198	377422	42.528	ng	93
66) n-Nitrosodiphenylamine	15.880	169	2264587	43.698	ng	99
67) 4-Bromophenyl-phenylether	16.557	248	670266	42.179	ng	99
68) Hexachlorobenzene	16.674	284	820507	45.021	ng	97
69) Atrazine	16.833	200	728008	51.402	ng	97
70) Pentachlorophenol	17.015	266	1165498	87.118	ng	99
71) Phenanthrene	17.415	178	3989247	43.272	ng	99
72) Anthracene	17.504	178	4102139	44.602	ng	100
73) Carbazole	17.774	167	3949583	45.022	ng	99
74) Di-n-butylphthalate	18.333	149	4403168	44.753	ng	99
75) Fluoranthene	19.421	202	4287264	43.823	ng	99
77) Benzidine	19.609	184	2120450	67.192	ng	100
78) Pyrene	19.786	202	4685902	41.820	ng	99
80) Butylbenzylphthalate	20.680	149	1985215	43.834	ng	95
81) Benzo(a)anthracene	21.533	228	5050350	44.074	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	1393122	36.582	ng	99
83) Chrysene	21.586	228	4638855	42.735	ng	100
84) Bis(2-ethylhexyl)phtha...	21.456	149	3014986	45.079	ng	98
85) Di-n-octyl phthalate	22.392	149	5278697	48.603	ng	98
87) Indeno(1,2,3-cd)pyrene	26.532	276	6296319	46.803	ng	98
88) Benzo(b)fluoranthene	23.239	252	5211912	47.965	ng	100
89) Benzo(k)fluoranthene	23.292	252	5229772	46.050	ng	99
90) Benzo(a)pyrene	23.880	252	4459900	42.978	ng	99
91) Dibenzo(a,h)anthracene	26.544	278	5478190	47.172	ng	98
92) Benzo(g,h,i)perylene	27.315	276	4515603	45.266	ng	98

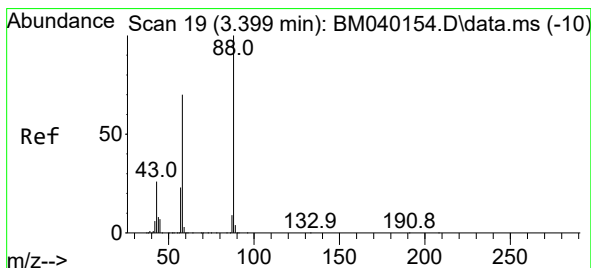
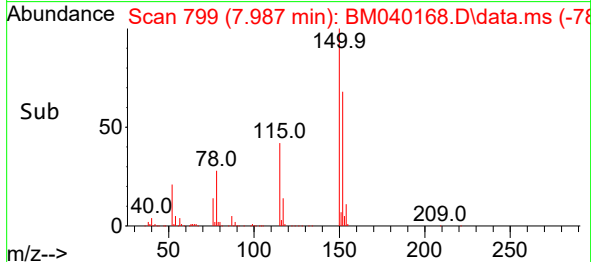
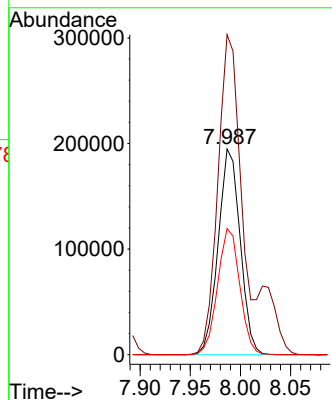
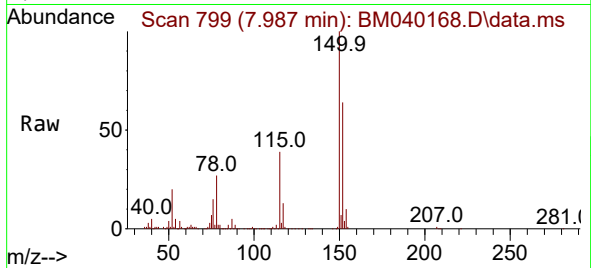
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.987 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BM040168.D
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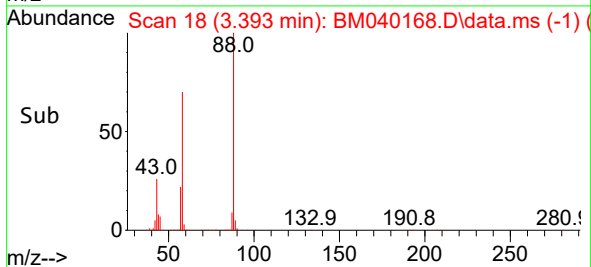
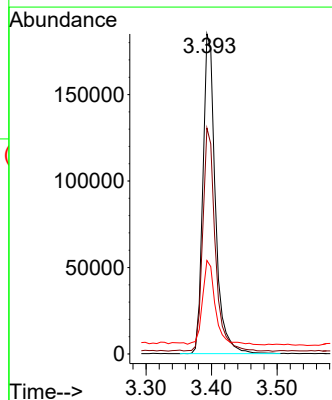
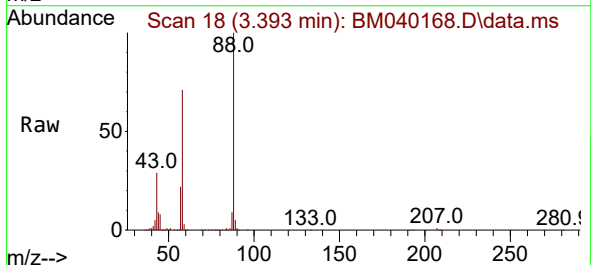
Instrument :
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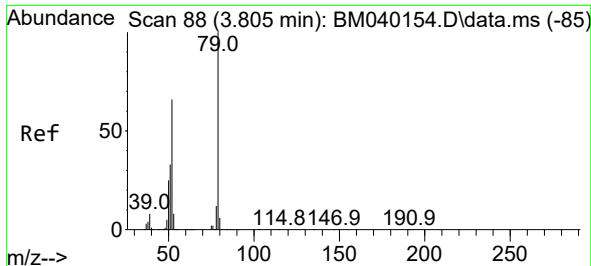
Tgt Ion:152 Resp: 296565
 Ion Ratio Lower Upper
 152 100
 150 155.5 121.4 182.0
 115 61.2 48.2 72.4



#2
 1,4-Dioxane
 Concen: 31.122 ng
 RT: 3.393 min Scan# 18
 Delta R.T. -0.006 min
 Lab File: BM040168.D
 Acq: 08 Jun 2023 22:08

Tgt Ion: 88 Resp: 245464
 Ion Ratio Lower Upper
 88 100
 58 69.8 56.4 84.6
 43 27.1 21.2 31.8

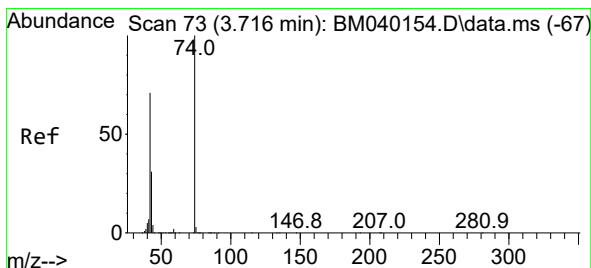
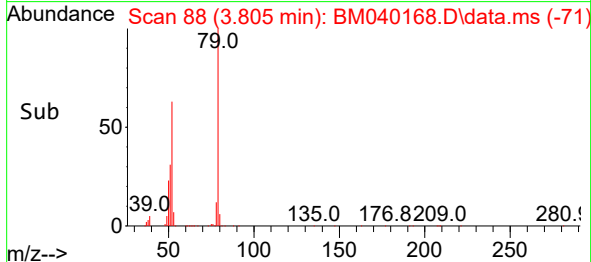
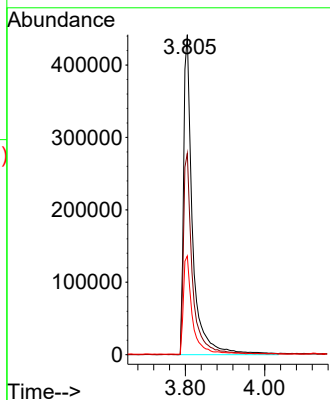
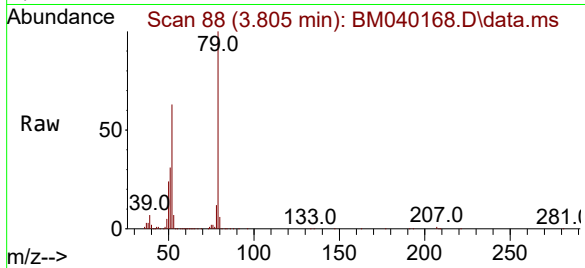




#3
 Pyridine
 Concen: 30.791 ng
 RT: 3.805 min Scan# 88
 Delta R.T. 0.000 min
 Lab File: BM040168.D
 Acq: 08 Jun 2023 22:08

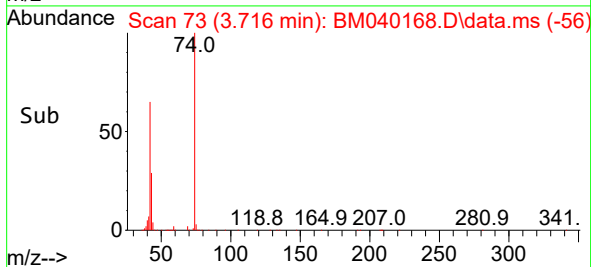
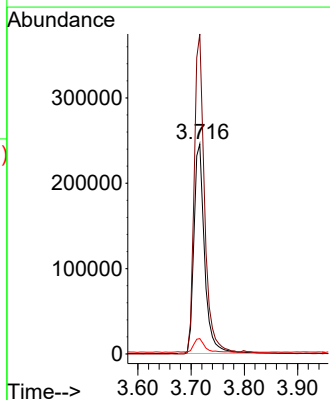
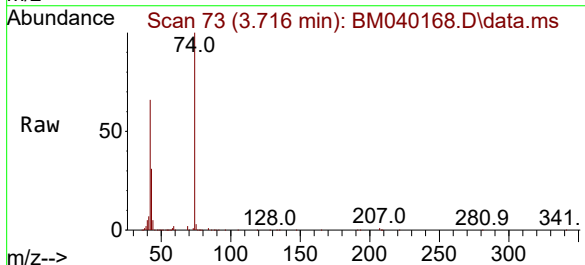
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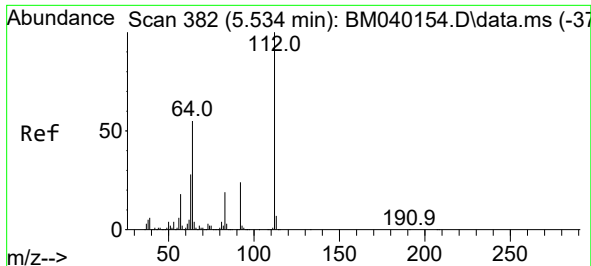
Tgt Ion: 79 Resp: 696586
 Ion Ratio Lower Upper
 79 100
 52 62.9 52.8 79.2
 51 30.9 26.2 39.4



#4
 n-Nitrosodimethylamine
 Concen: 37.421 ng
 RT: 3.716 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: BM040168.D
 Acq: 08 Jun 2023 22:08

Tgt Ion: 42 Resp: 343226
 Ion Ratio Lower Upper
 42 100
 74 152.4 113.0 169.4
 44 7.3 5.8 8.6

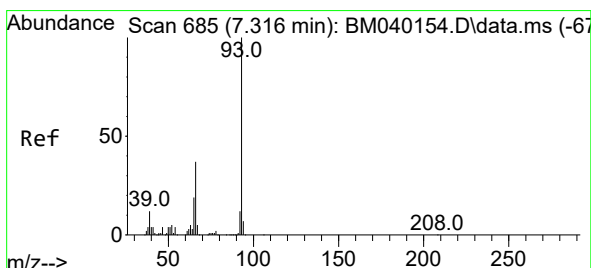
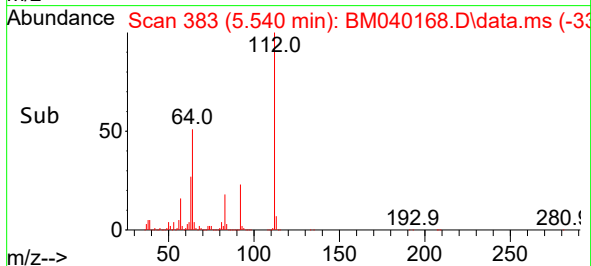
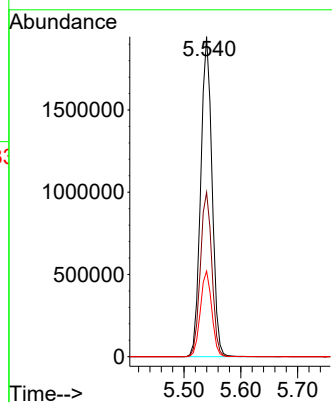
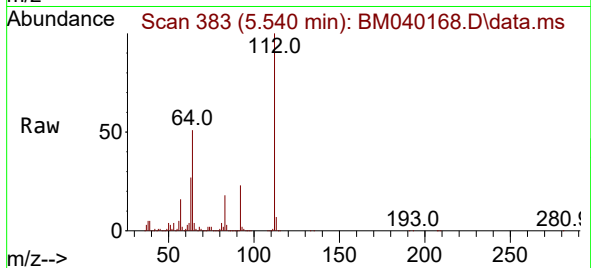




#5
2-Fluorophenol
Concen: 135.774 ng
RT: 5.540 min Scan# 382
Delta R.T. 0.006 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

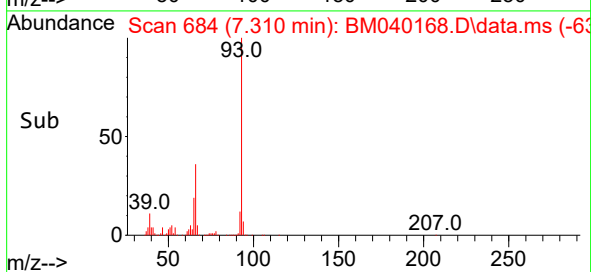
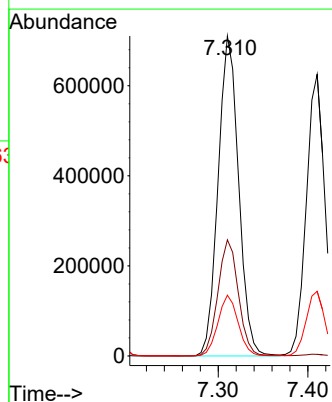
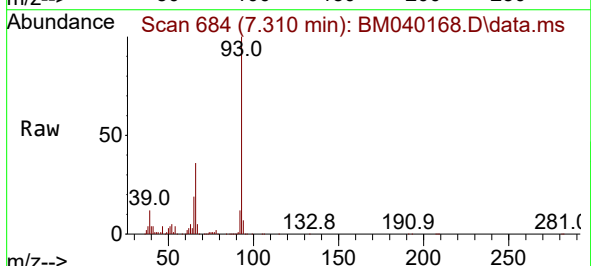
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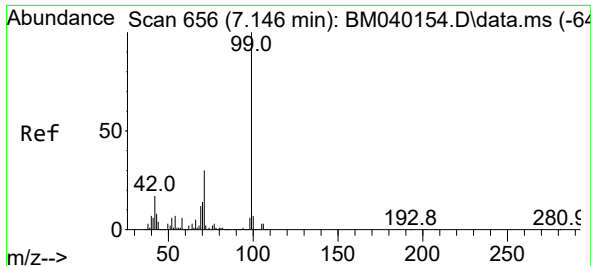
Tgt Ion:112 Resp: 2696690
Ion Ratio Lower Upper
112 100
64 51.3 43.8 65.6
63 26.8 22.8 34.2



#6
Aniline
Concen: 34.349 ng
RT: 7.310 min Scan# 684
Delta R.T. -0.006 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion: 93 Resp: 1126677
Ion Ratio Lower Upper
93 100
66 36.3 29.4 44.0
65 19.0 15.3 22.9

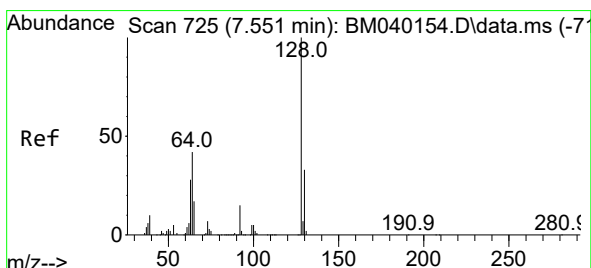
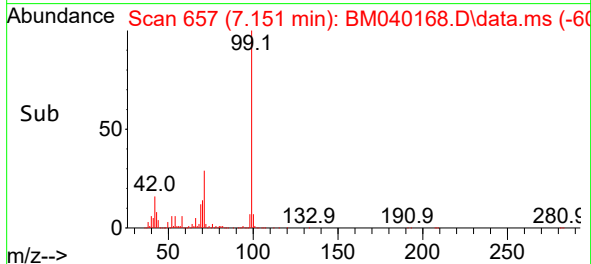
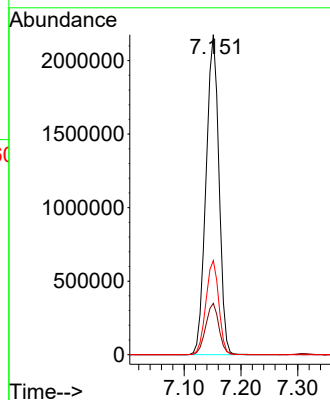
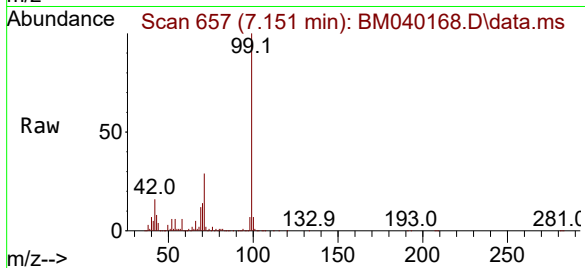




#7
Phenol-d6
Concen: 126.553 ng
RT: 7.151 min Scan# 657
Delta R.T. 0.006 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

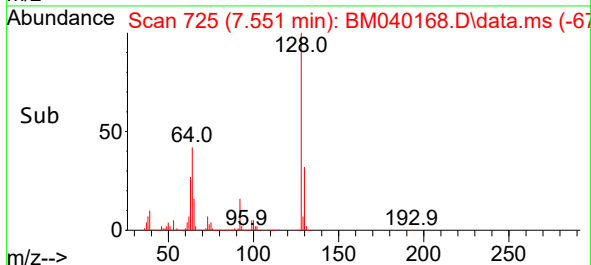
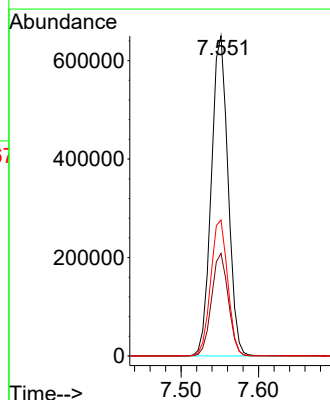
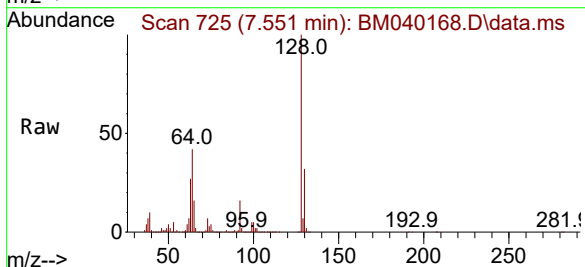
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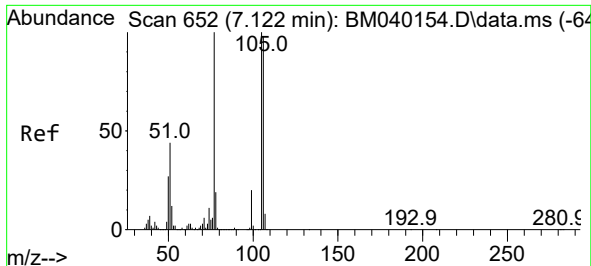
Tgt Ion: 99 Resp: 3429820
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.2
71 29.4 24.3 36.5



#8
2-Chlorophenol
Concen: 46.419 ng
RT: 7.551 min Scan# 725
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion: 128 Resp: 974814
Ion Ratio Lower Upper
128 100
130 32.1 12.6 52.6
64 42.5 23.8 63.8

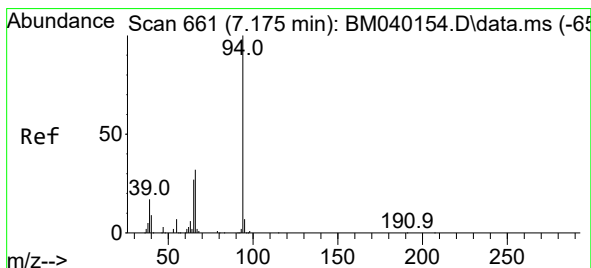
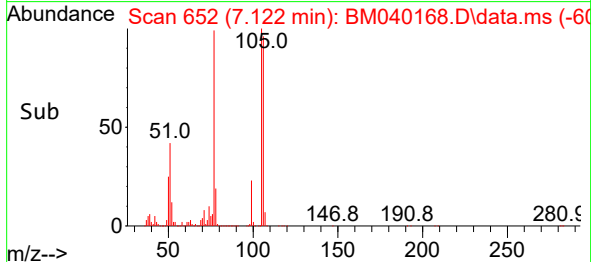
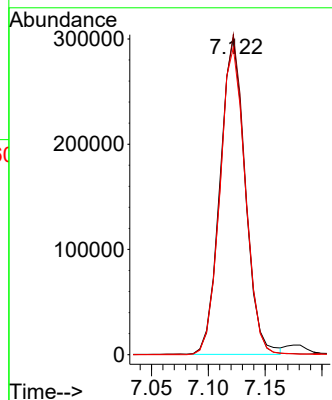
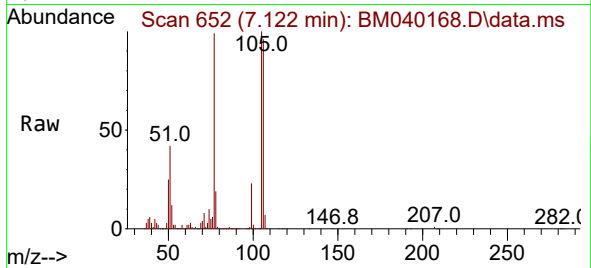




#9
Benzaldehyde
Concen: 32.095 ng
RT: 7.122 min Scan# 652
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

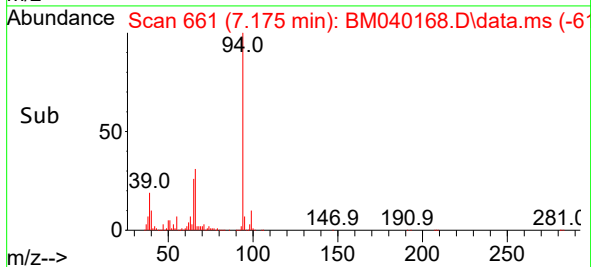
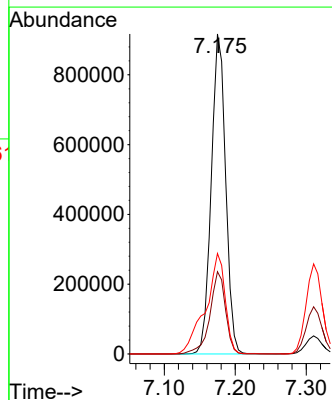
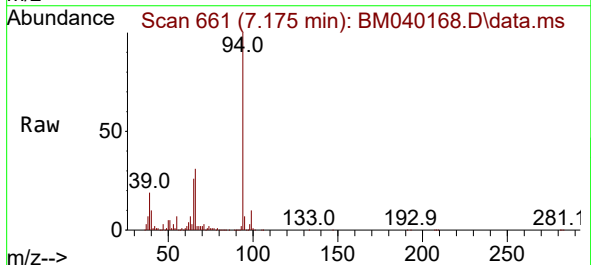
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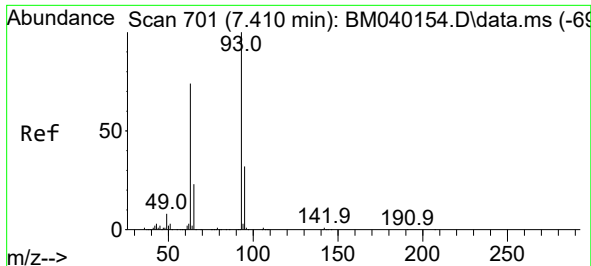
Tgt Ion: 77 Resp: 463196
Ion Ratio Lower Upper
77 100
105 101.0 79.8 119.8
106 96.9 77.4 117.4



#10
Phenol
Concen: 48.420 ng
RT: 7.175 min Scan# 661
Delta R.T. -0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion: 94 Resp: 1290609
Ion Ratio Lower Upper
94 100
65 25.7 6.9 46.9
66 31.4 12.5 52.5

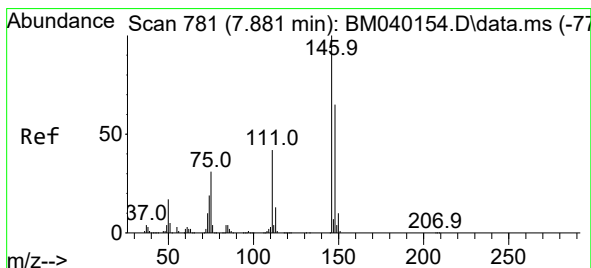
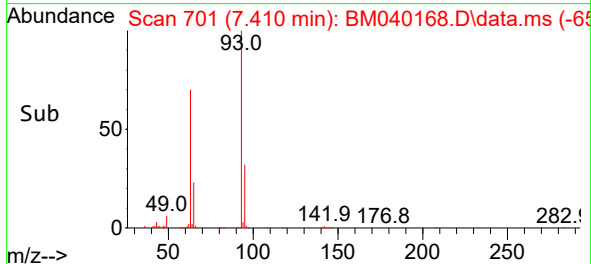
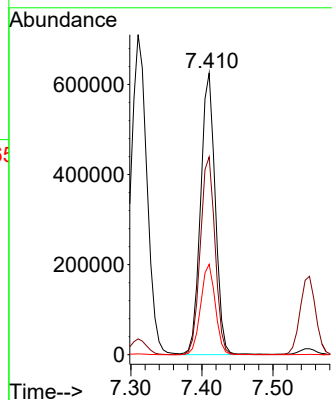
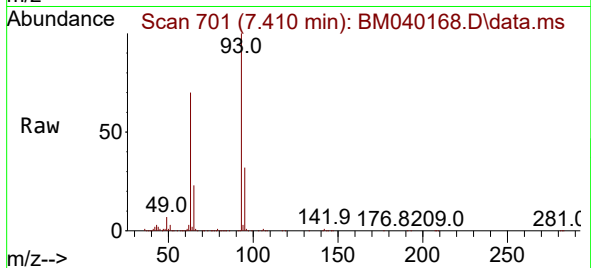




#11
bis(2-Chloroethyl)ether
Concen: 41.868 ng
RT: 7.410 min Scan# 701
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

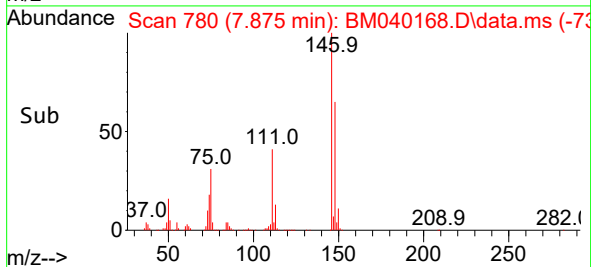
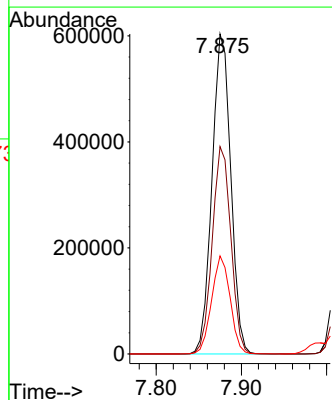
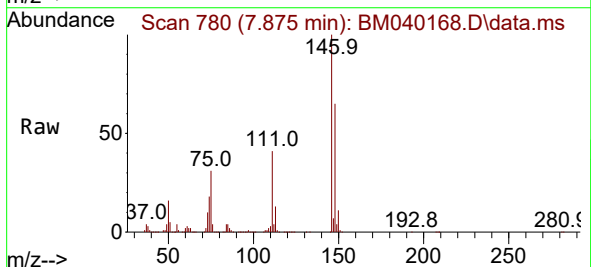
Instrument :
BNA_M
ClientSampleId :
PB153236BS

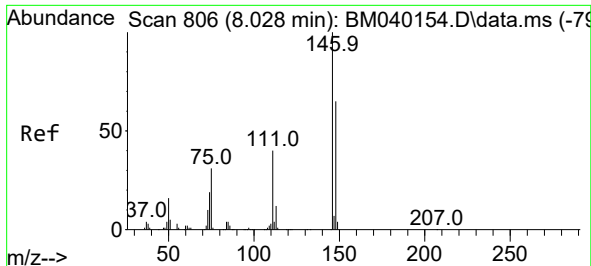
Tgt Ion: 93 Resp: 899346
Ion Ratio Lower Upper
93 100
63 70.2 53.6 93.6
95 32.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 43.729 ng
RT: 7.875 min Scan# 780
Delta R.T. -0.006 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion: 146 Resp: 923191
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
75 30.6 24.8 37.2

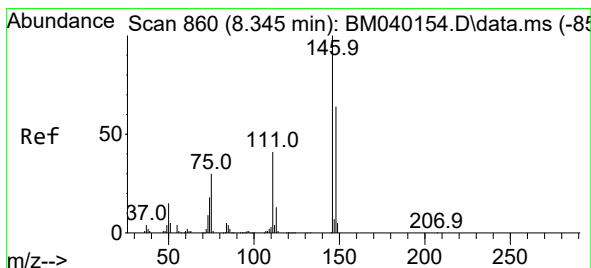
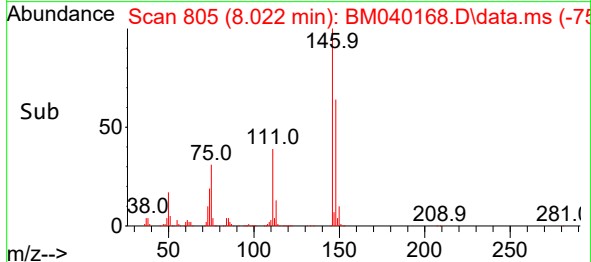
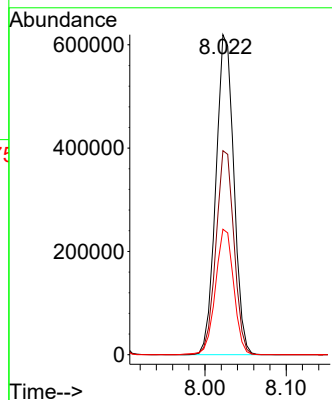
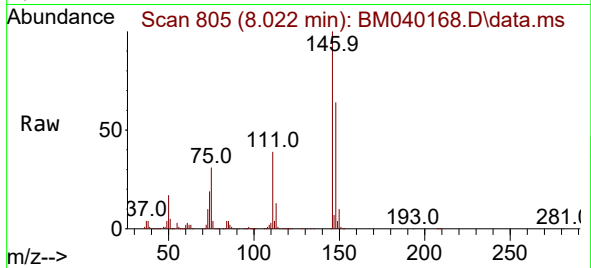




#13
1,4-Dichlorobenzene
Concen: 44.141 ng
RT: 8.022 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

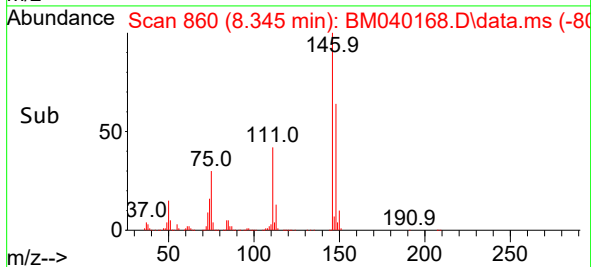
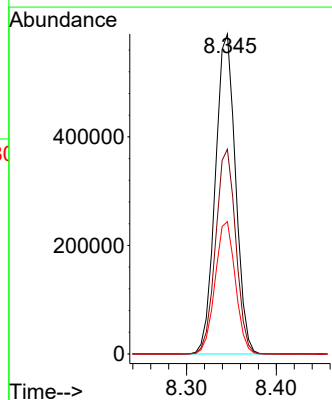
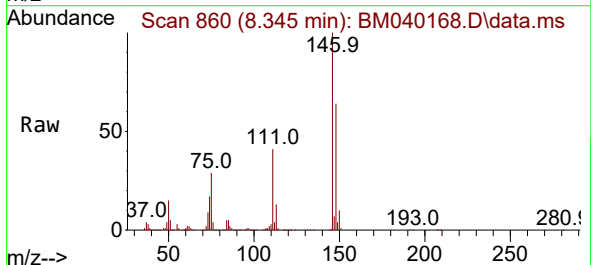
Instrument :
BNA_M
ClientSampleId :
PB153236BS

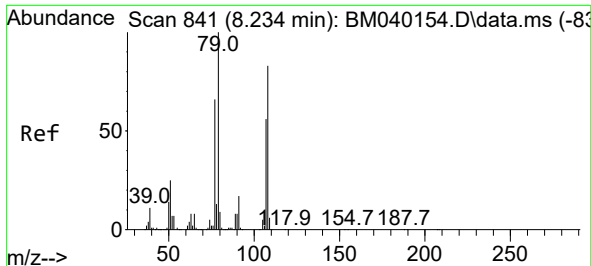
Tgt Ion:146 Resp: 952189
Ion Ratio Lower Upper
146 100
148 63.7 52.1 78.1
111 39.2 31.9 47.9



#14
1,2-Dichlorobenzene
Concen: 43.412 ng
RT: 8.345 min Scan# 860
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:146 Resp: 921602
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
111 41.4 33.4 50.0

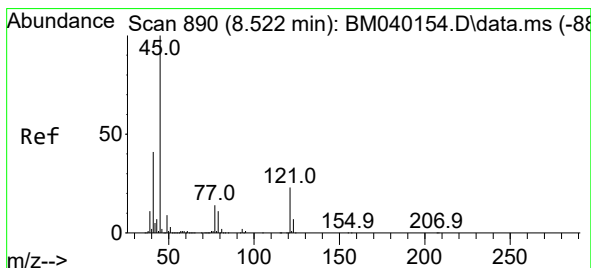
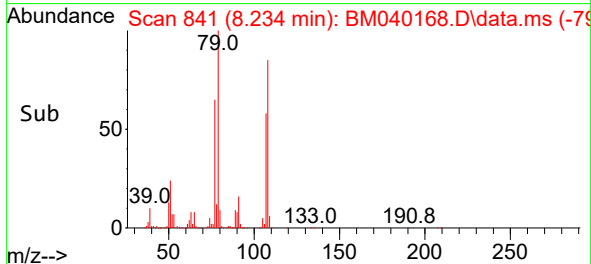
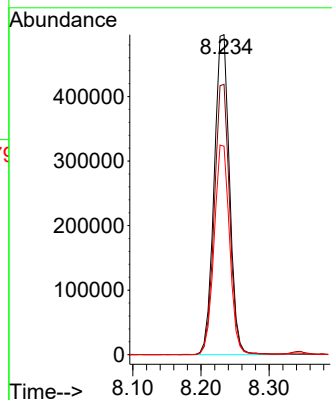
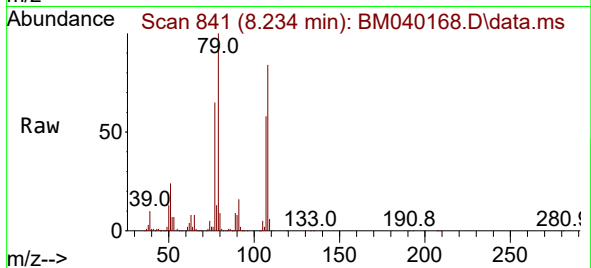




#15
Benzyl Alcohol
Concen: 43.607 ng
RT: 8.234 min Scan# 841
Delta R.T. -0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

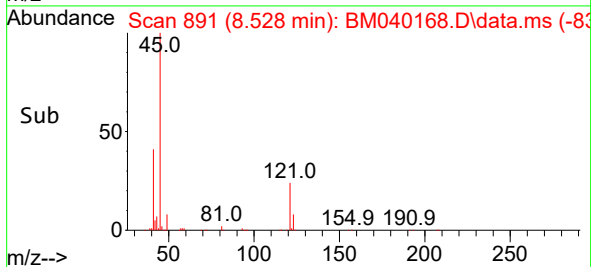
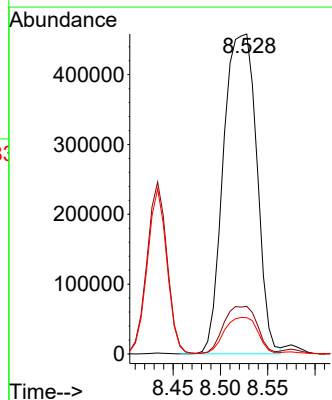
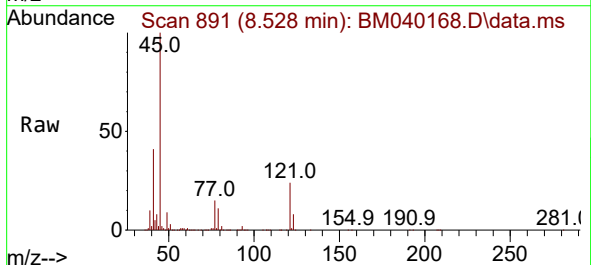
Instrument :
BNA_M
ClientSampleId :
PB153236BS

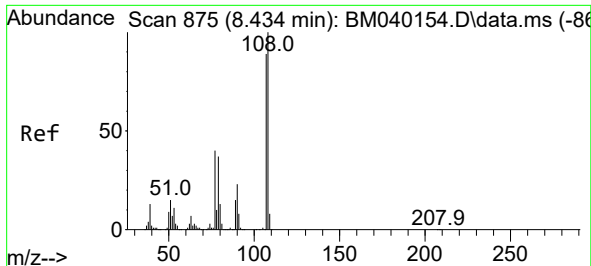
Tgt Ion: 79 Resp: 779960
Ion Ratio Lower Upper
79 100
108 84.5 66.4 99.6
77 65.2 52.6 78.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.771 ng
RT: 8.528 min Scan# 891
Delta R.T. 0.006 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion: 45 Resp: 1116498
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.3
79 11.4 0.0 31.2

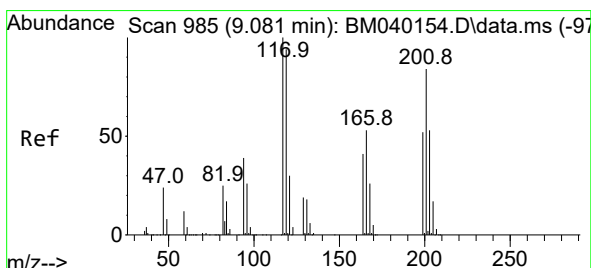
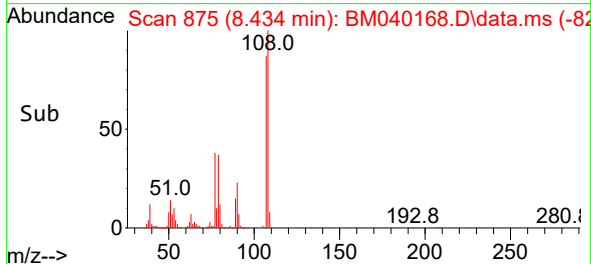
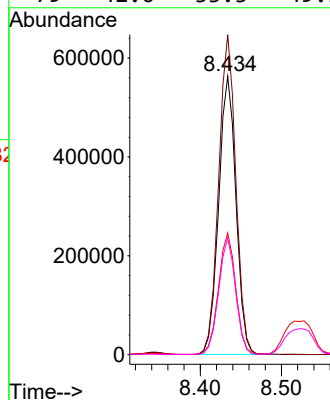
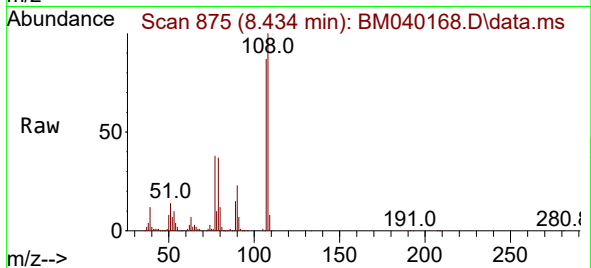




#17
2-Methylphenol
Concen: 43.976 ng
RT: 8.434 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

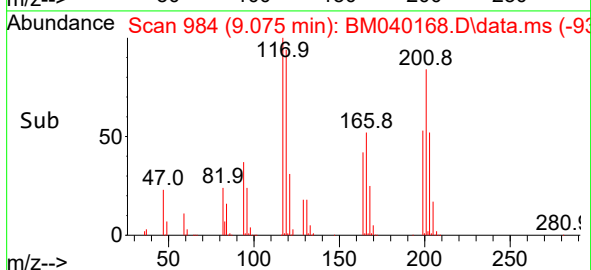
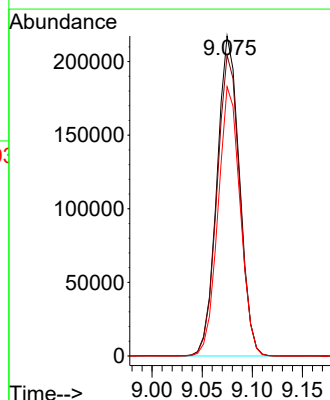
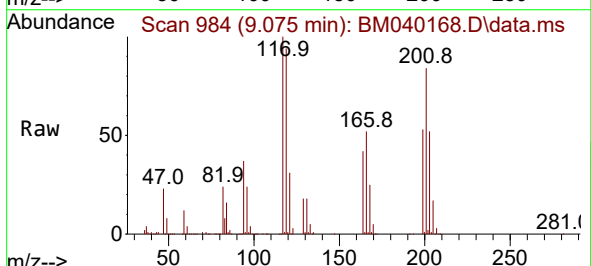
Instrument :
BNA_M
ClientSampleId :
PB153236BS

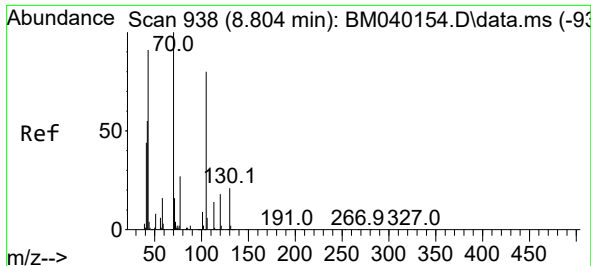
Tgt Ion:107 Resp: 835192
Ion Ratio Lower Upper
107 100
108 115.0 90.1 135.1
77 43.7 35.8 53.8
79 42.0 33.3 49.9



#18
Hexachloroethane
Concen: 43.851 ng
RT: 9.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:117 Resp: 338700
Ion Ratio Lower Upper
117 100
119 94.0 75.6 113.4
201 84.1 66.9 100.3

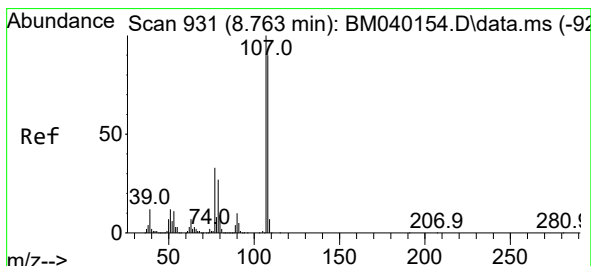
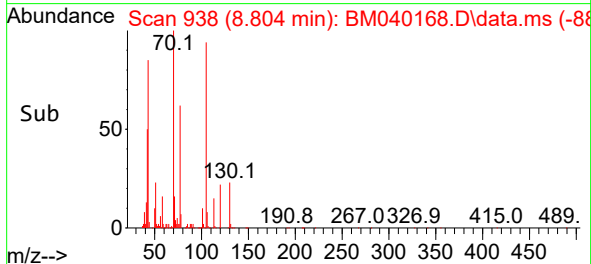
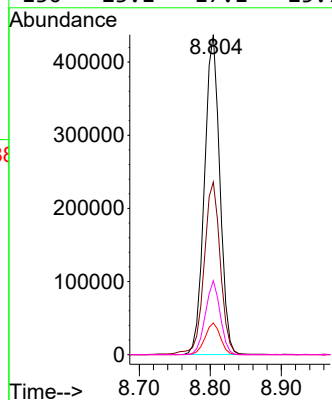
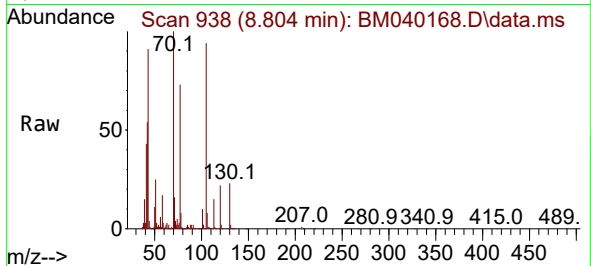




#19
n-Nitroso-di-n-propylamine
Concen: 40.022 ng
RT: 8.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

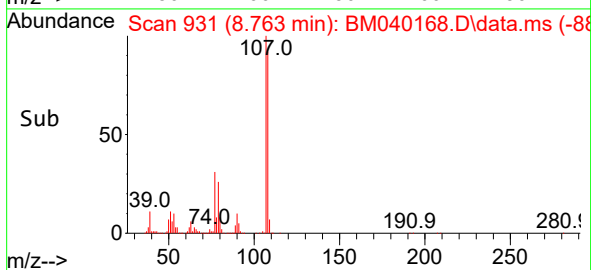
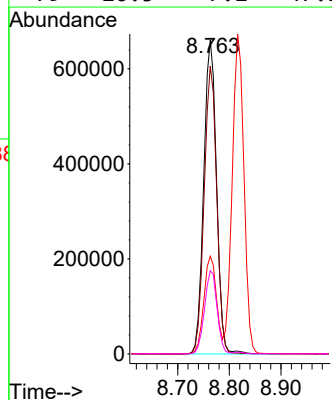
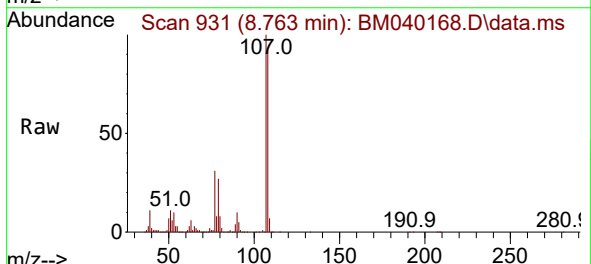
Instrument :
BNA_M
ClientSampleId :
PB153236BS

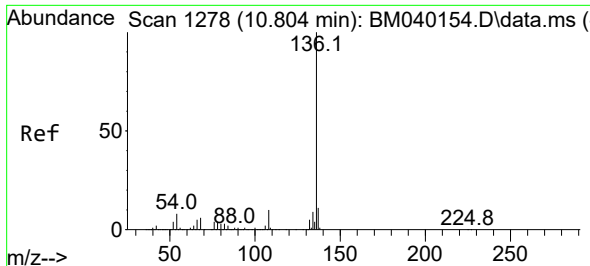
Tgt Ion: 70 Resp: 659008
Ion Ratio Lower Upper
70 100
42 54.0 44.8 67.2
101 9.9 7.5 11.3
130 23.1 17.1 25.7



#20
3+4-Methylphenols
Concen: 43.703 ng
RT: 8.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion: 107 Resp: 1133095
Ion Ratio Lower Upper
107 100
108 91.8 69.8 109.8
77 31.1 13.0 53.0
79 26.5 7.2 47.2

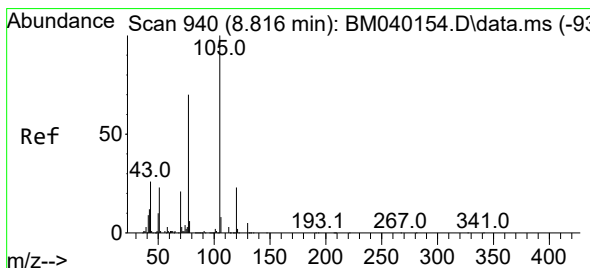
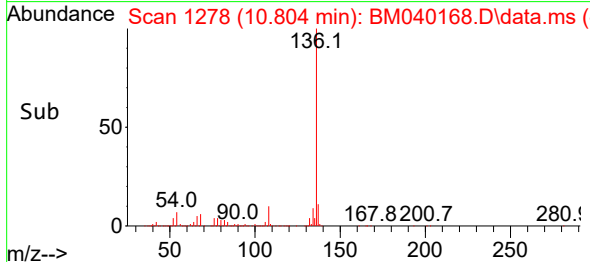
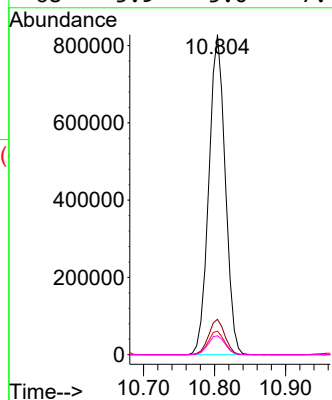
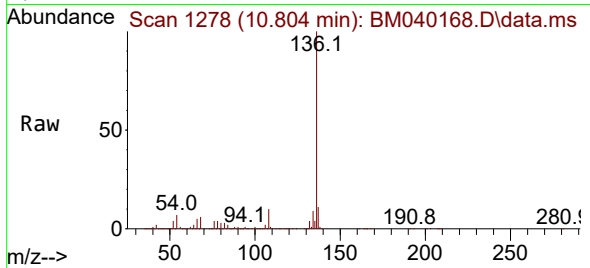




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

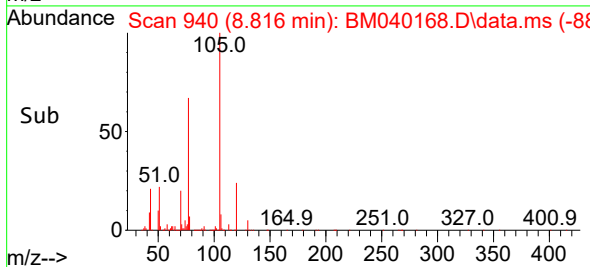
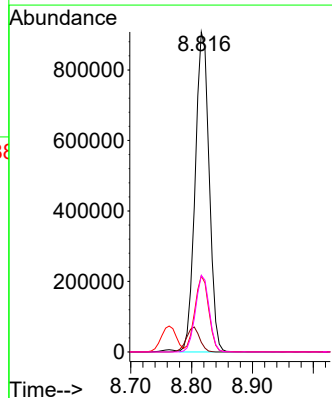
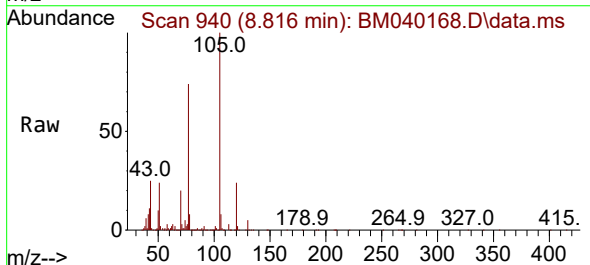
Instrument :
BNA_M
ClientSampleId :
PB153236BS

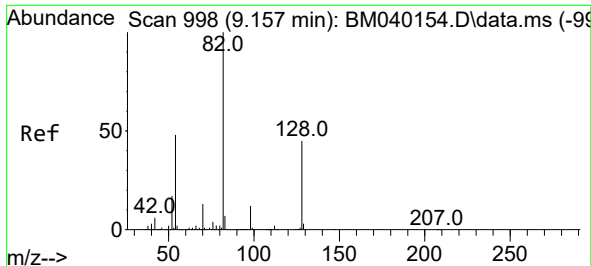
Tgt Ion:136 Resp: 1327066
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.4 6.2 9.4
68 5.9 5.0 7.4



#22
Acetophenone
Concen: 41.667 ng
RT: 8.816 min Scan# 940
Delta R.T. -0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:105 Resp: 1444040
Ion Ratio Lower Upper
105 100
71 3.0 3.0 4.6#
51 23.8 20.6 31.0
120 24.0 18.7 28.1

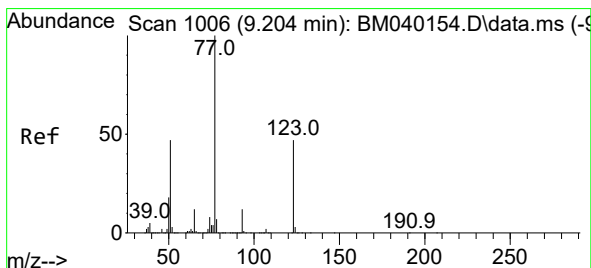
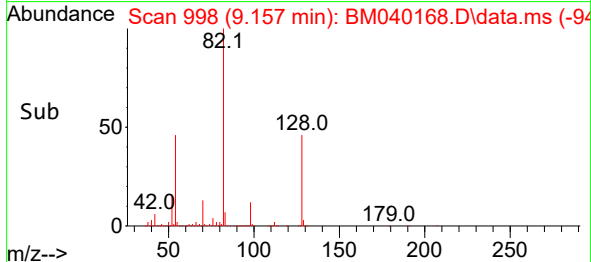
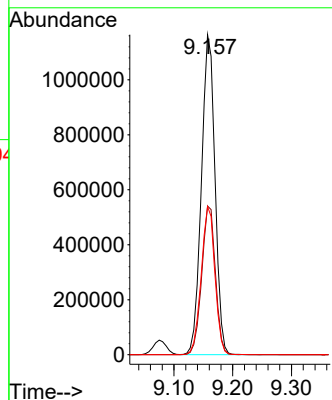
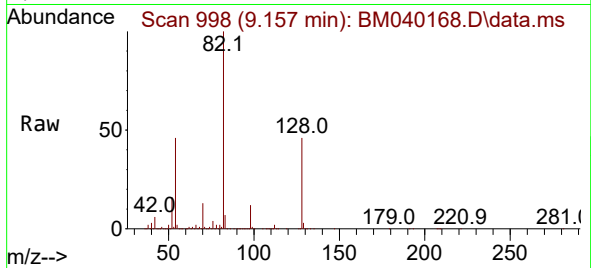




#23
Nitrobenzene-d5
Concen: 76.357 ng
RT: 9.157 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

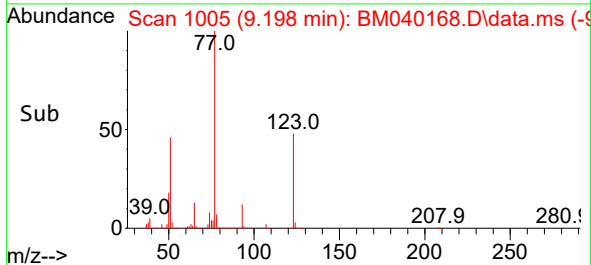
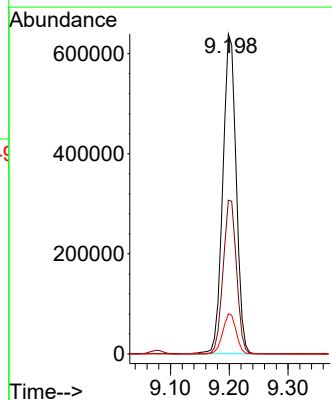
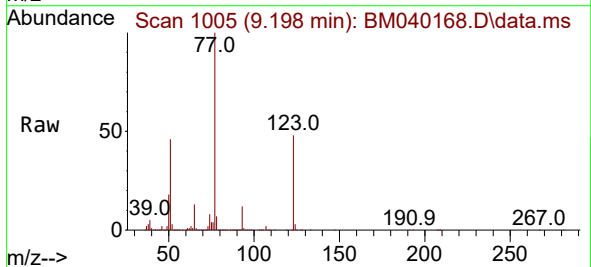
Instrument :
BNA_M
ClientSampleId :
PB153236BS

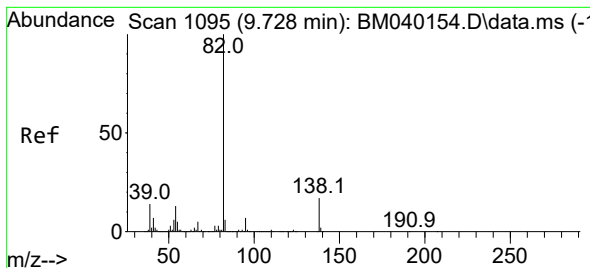
Tgt Ion: 82 Resp: 1872146
Ion Ratio Lower Upper
82 100
128 46.4 36.0 54.0
54 46.3 38.5 57.7



#24
Nitrobenzene
Concen: 39.881 ng
RT: 9.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion: 77 Resp: 1006472
Ion Ratio Lower Upper
77 100
123 48.0 37.5 56.3
65 12.5 10.0 15.0





#25

Isophorone

Concen: 39.755 ng

RT: 9.728 min Scan# 1095

Delta R.T. 0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Instrument :

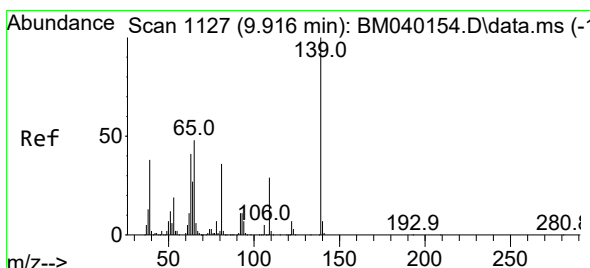
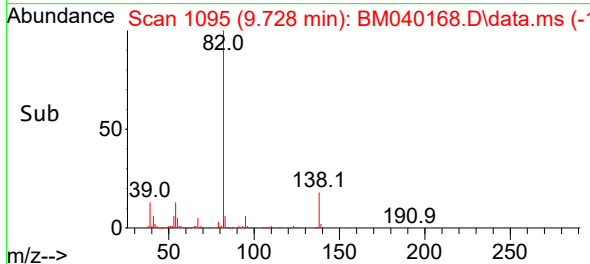
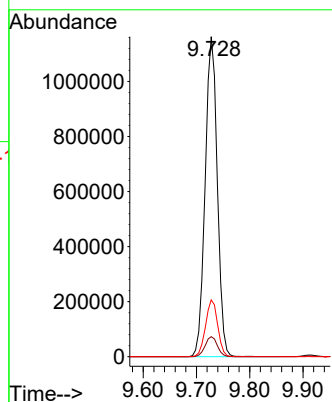
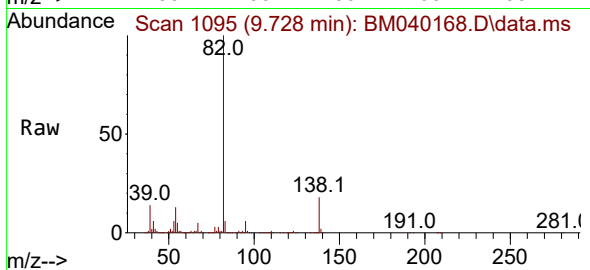
BNA_M

ClientSampleId :

PB153236BS

Tgt Ion: 82 Resp: 1840627

Ion	Ratio	Lower	Upper
82	100		
95	6.2	5.2	7.8
138	17.7	13.6	20.4



#26

2-Nitrophenol

Concen: 43.618 ng

RT: 9.910 min Scan# 1126

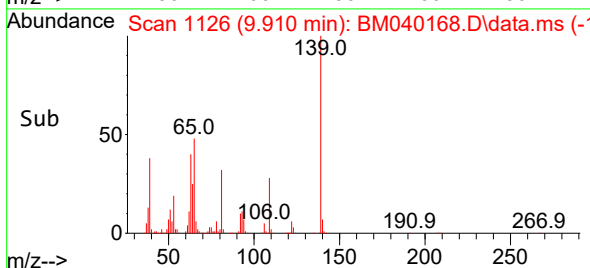
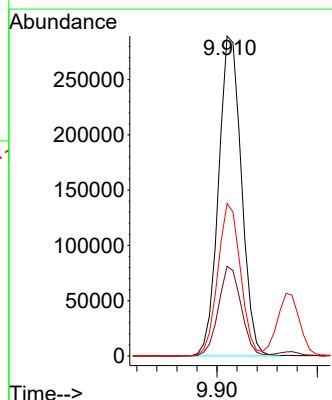
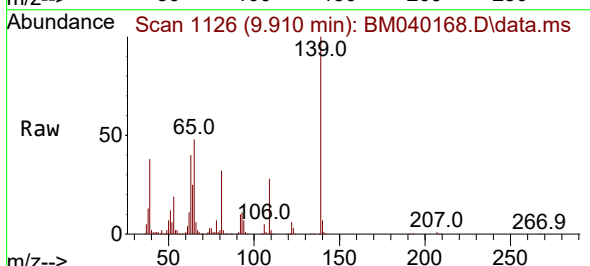
Delta R.T. -0.006 min

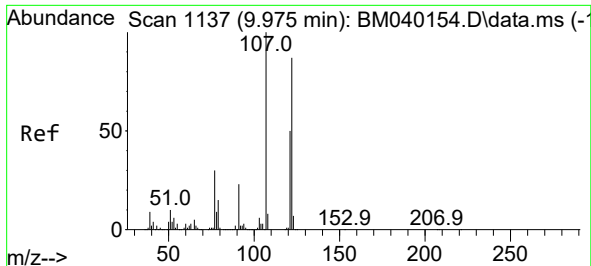
Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Tgt Ion: 139 Resp: 457393

Ion	Ratio	Lower	Upper
139	100		
109	28.0	23.2	34.8
65	47.6	38.4	57.6

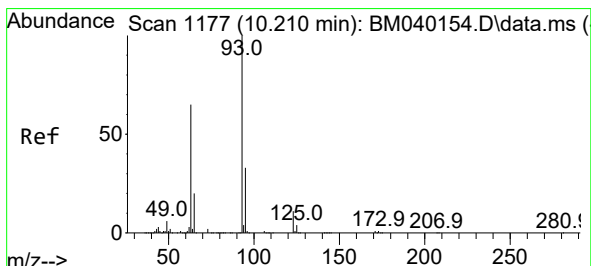
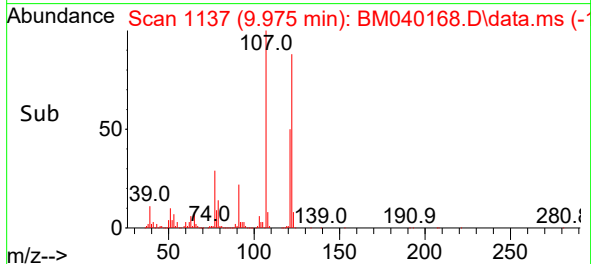
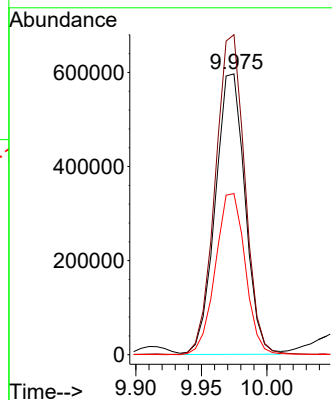
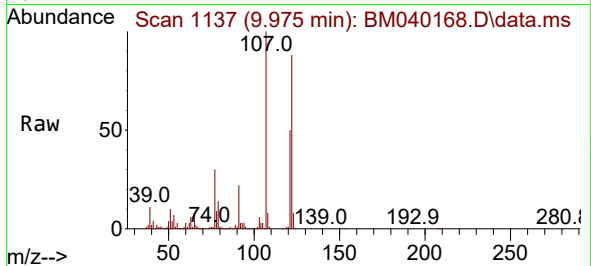




#27
2,4-Dimethylphenol
Concen: 45.905 ng
RT: 9.975 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

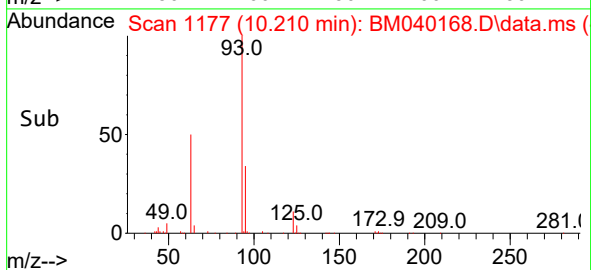
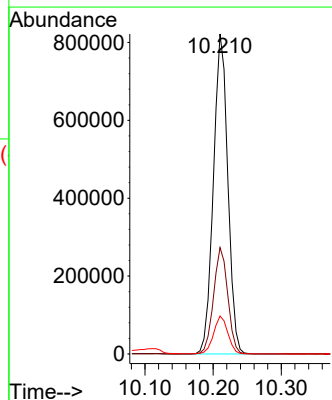
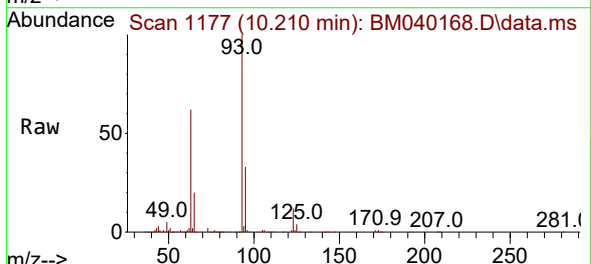
Instrument :
BNA_M
ClientSampleId :
PB153236BS

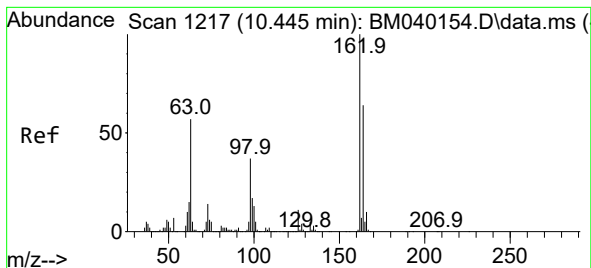
Tgt Ion:122 Resp: 941828
Ion Ratio Lower Upper
122 100
107 113.9 92.0 138.0
121 57.4 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.452 ng
RT: 10.210 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion: 93 Resp: 1209100
Ion Ratio Lower Upper
93 100
95 33.2 26.1 39.1
123 11.8 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 45.814 ng

RT: 10.445 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Instrument :

BNA_M

ClientSampleId :

PB153236BS

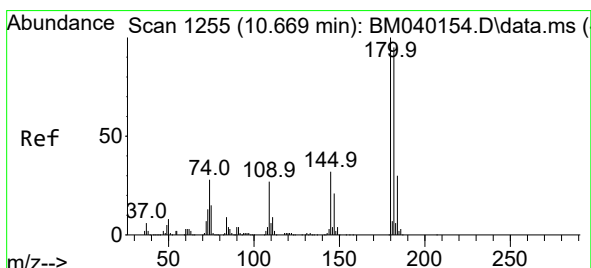
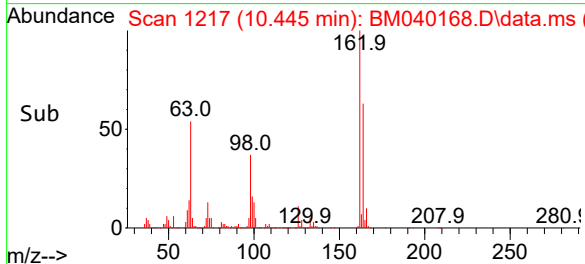
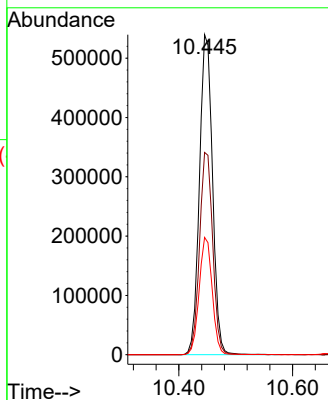
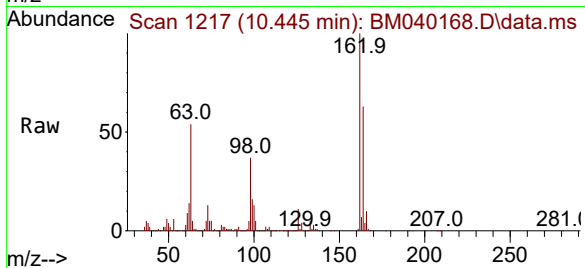
Tgt Ion:162 Resp: 862143

Ion Ratio Lower Upper

162 100

164 63.2 44.0 84.0

98 36.6 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 42.034 ng

RT: 10.663 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

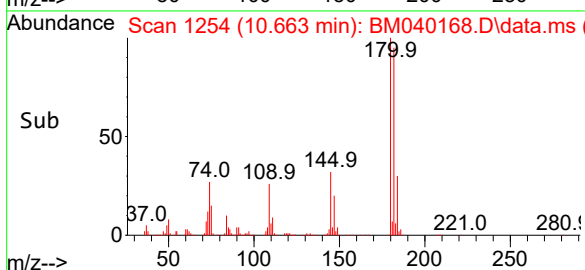
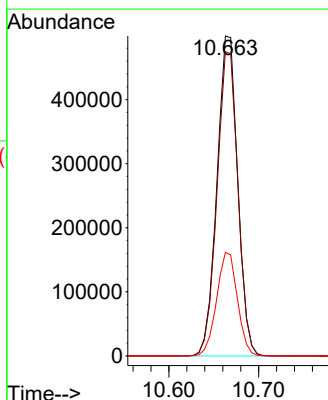
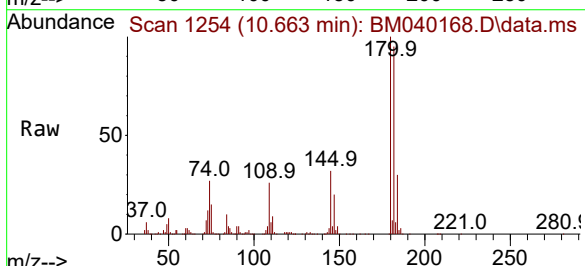
Tgt Ion:180 Resp: 801250

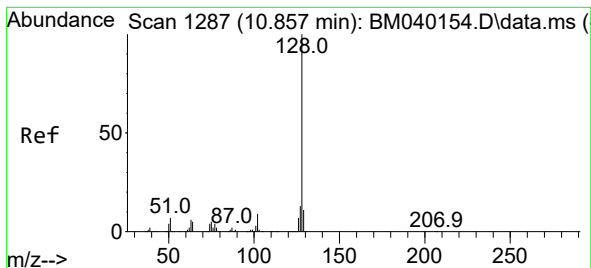
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 32.4 25.5 38.3





#31

Naphthalene

Concen: 40.595 ng

RT: 10.851 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Instrument :

BNA_M

ClientSampleId :

PB153236BS

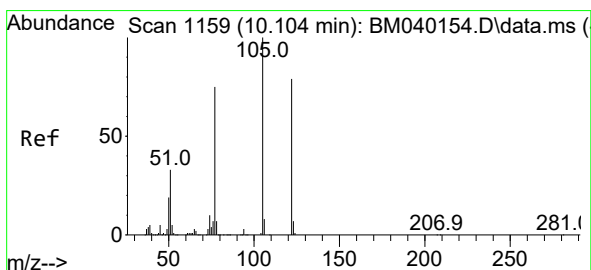
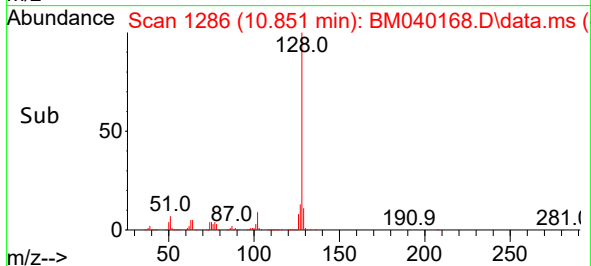
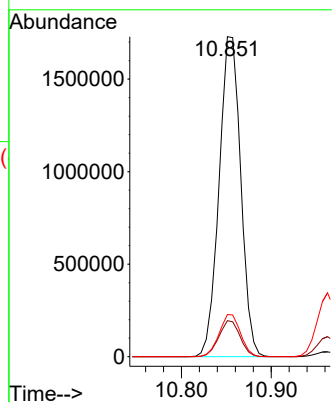
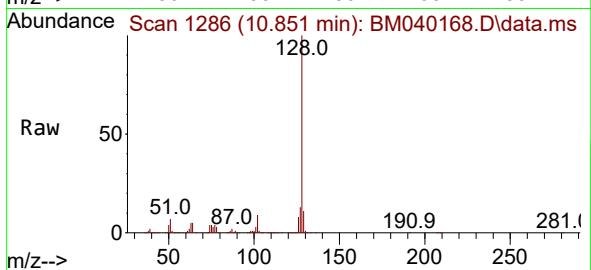
Tgt Ion:128 Resp: 2901688

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 39.319 ng

RT: 10.110 min Scan# 1160

Delta R.T. 0.006 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

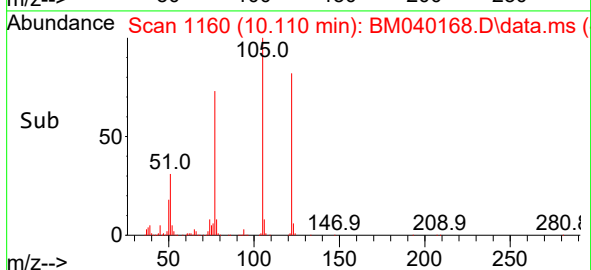
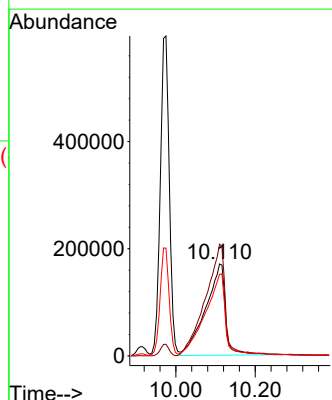
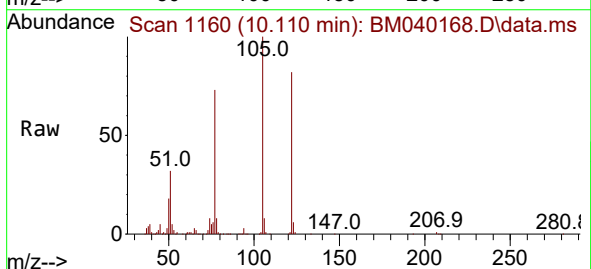
Tgt Ion:122 Resp: 594529

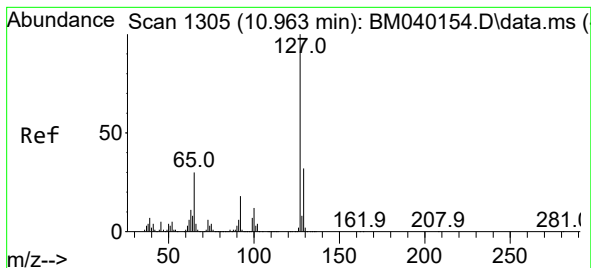
Ion Ratio Lower Upper

122 100

105 121.6 102.7 142.7

77 89.0 73.9 113.9

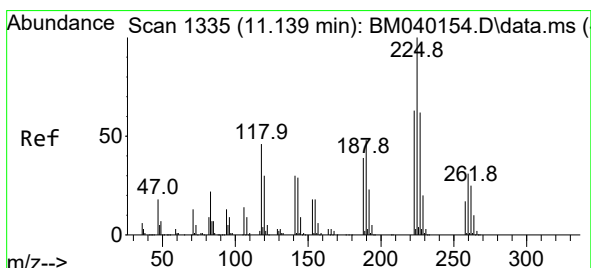
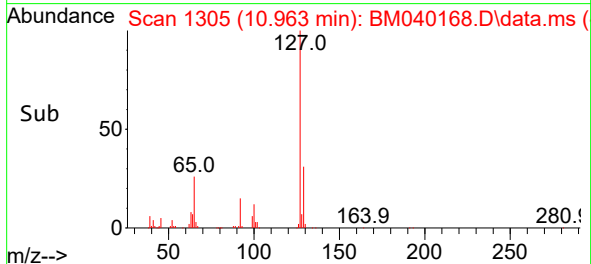
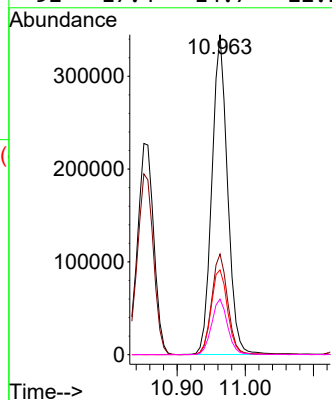
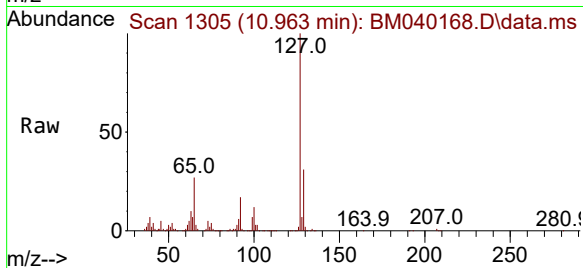




#33
4-Chloroaniline
Concen: 17.307 ng
RT: 10.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

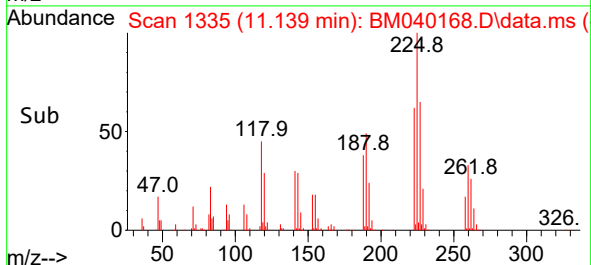
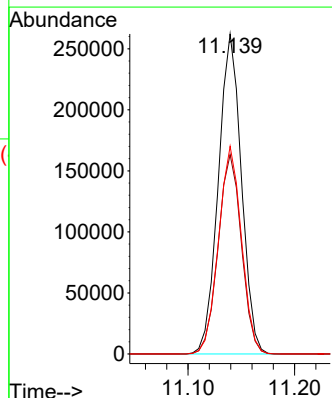
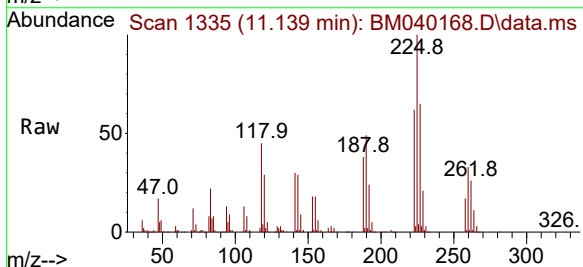
Instrument :
BNA_M
ClientSampleId :
PB153236BS

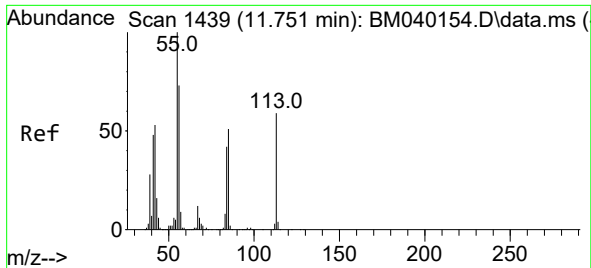
Tgt Ion:	127	Resp:	550947
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.5	38.3
65	26.5	23.7	35.5
92	17.4	14.7	22.1



#34
Hexachlorobutadiene
Concen: 39.372 ng
RT: 11.139 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:	225	Resp:	393678
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.4	75.6
227	64.9	49.6	74.4

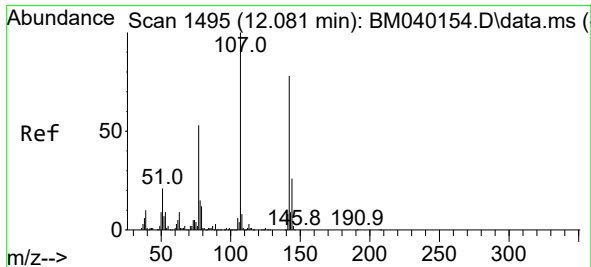
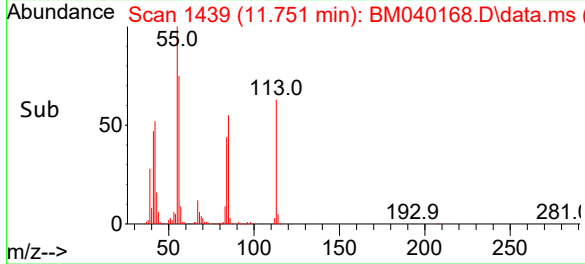
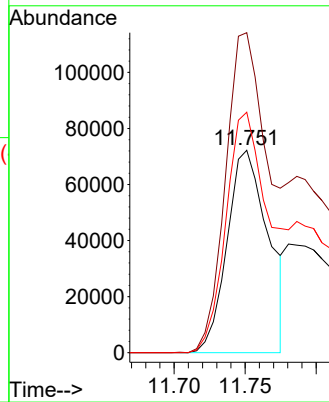
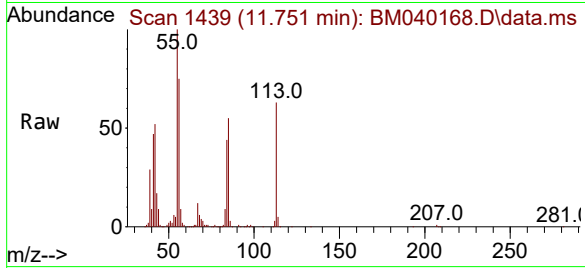




#35
 Caprolactam
 Concen: 22.520 ng
 RT: 11.751 min Scan# 1439
 Delta R.T. 0.000 min
 Lab File: BM040168.D
 Acq: 08 Jun 2023 22:08

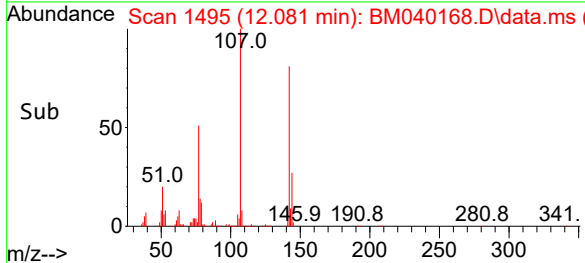
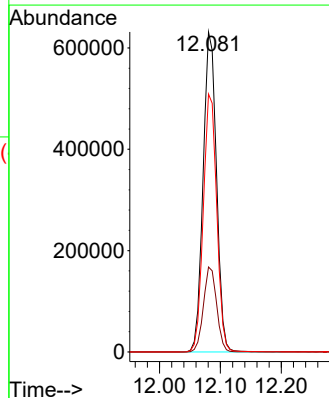
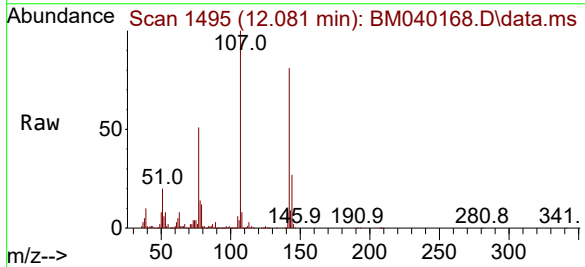
Instrument :
 BNA_M
 ClientSampleId :
 PB153236BS

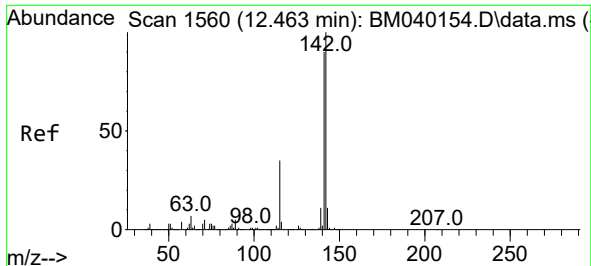
Tgt Ion:113 Resp: 145532
 Ion Ratio Lower Upper
 113 100
 55 158.0 149.3 189.3
 56 118.8 104.3 144.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.091 ng
 RT: 12.081 min Scan# 1495
 Delta R.T. 0.000 min
 Lab File: BM040168.D
 Acq: 08 Jun 2023 22:08

Tgt Ion:107 Resp: 963517
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 80.6 62.7 94.1





#37

2-Methylnaphthalene

Concen: 39.809 ng

RT: 12.457 min Scan# 1559

Delta R.T. -0.006 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Instrument :

BNA_M

ClientSampleId :

PB153236BS

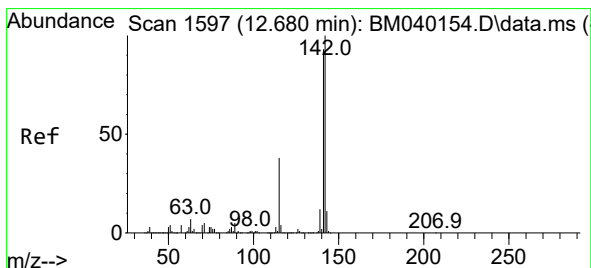
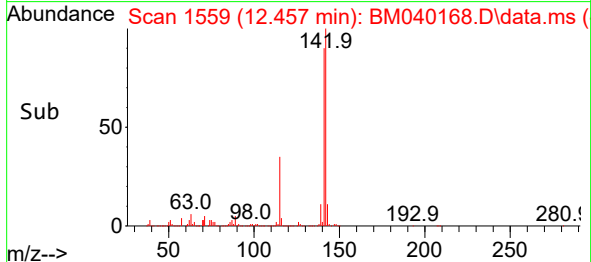
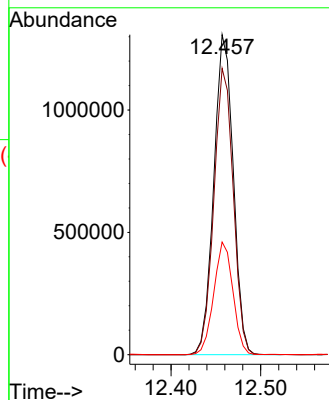
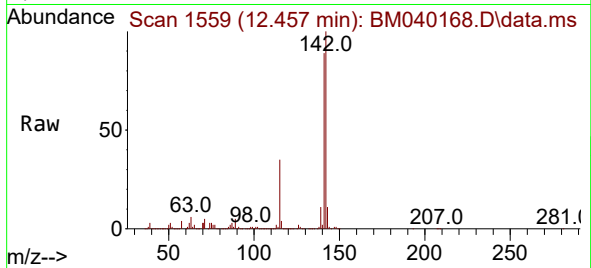
Tgt Ion:142 Resp: 1967705

Ion Ratio Lower Upper

142 100

141 89.5 71.8 107.6

115 35.2 28.2 42.4



#38

1-Methylnaphthalene

Concen: 39.502 ng

RT: 12.680 min Scan# 1597

Delta R.T. 0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

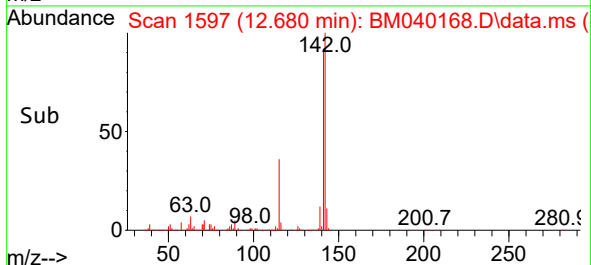
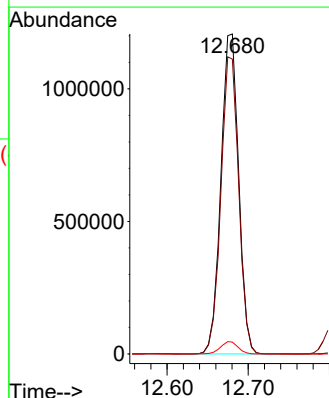
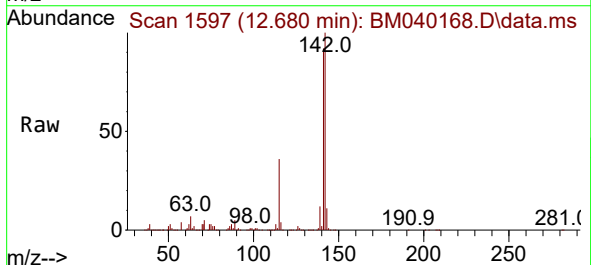
Tgt Ion:142 Resp: 1841278

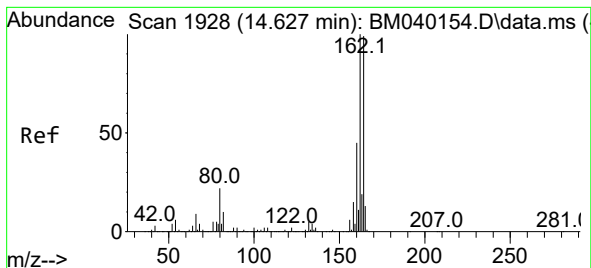
Ion Ratio Lower Upper

142 100

141 92.2 74.2 111.2

116 3.7 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.627 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Instrument :

BNA_M

ClientSampleId :

PB153236BS

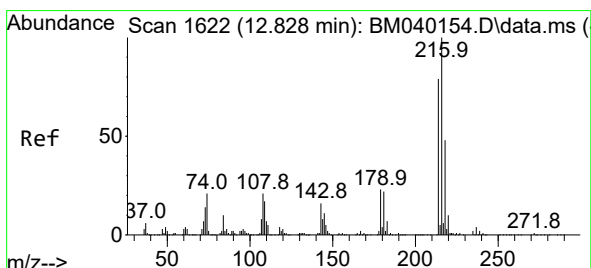
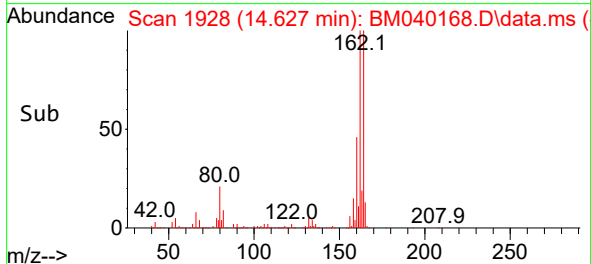
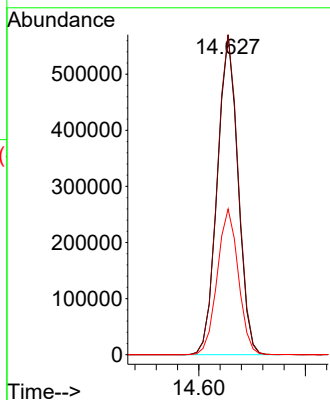
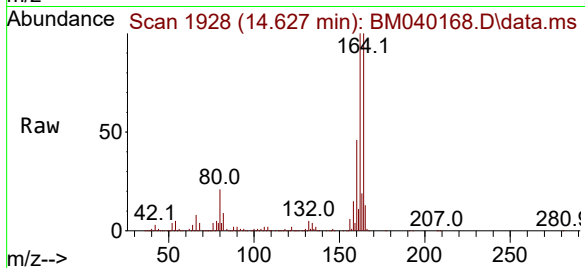
Tgt Ion:164 Resp: 764290

Ion Ratio Lower Upper

164 100

162 100.1 80.4 120.6

160 45.6 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.666 ng

RT: 12.822 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Tgt Ion:216 Resp: 864510

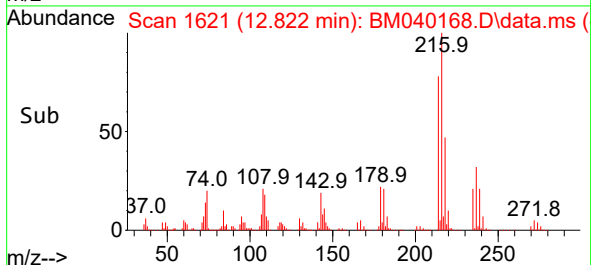
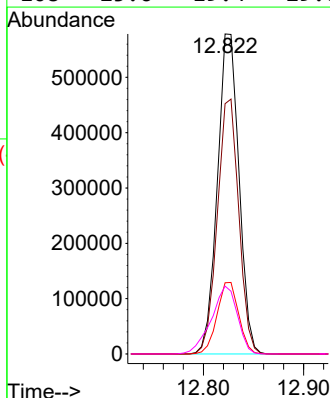
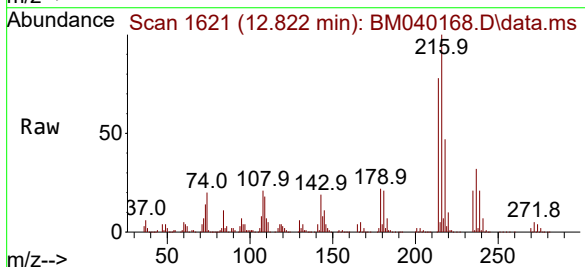
Ion Ratio Lower Upper

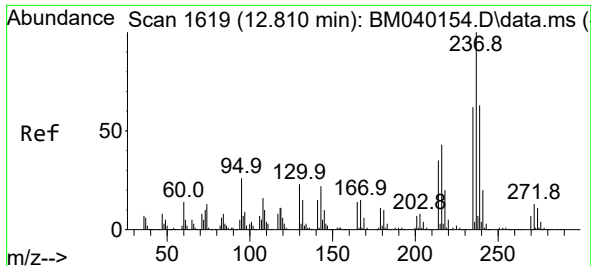
216 100

214 79.0 63.5 95.3

179 22.4 18.3 27.5

108 25.6 19.4 29.0

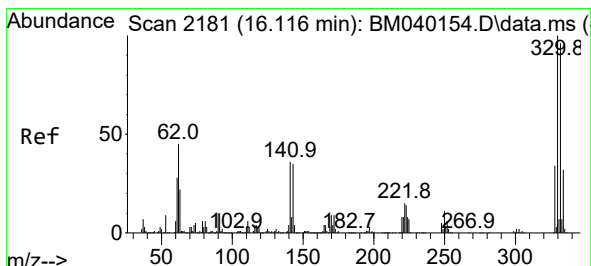
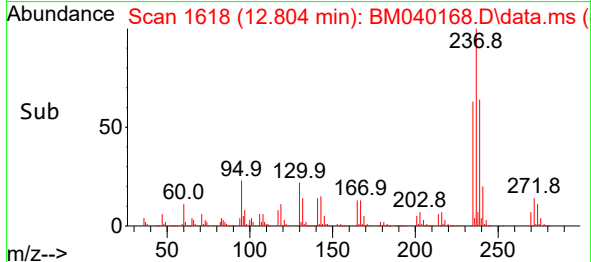
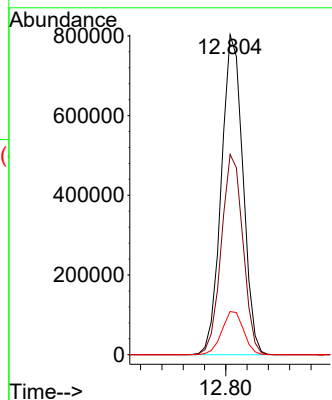
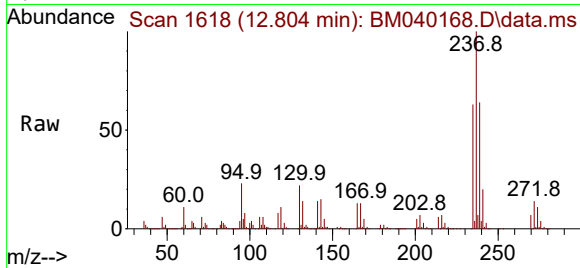




#41
Hexachlorocyclopentadiene
Concen: 106.561 ng
RT: 12.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

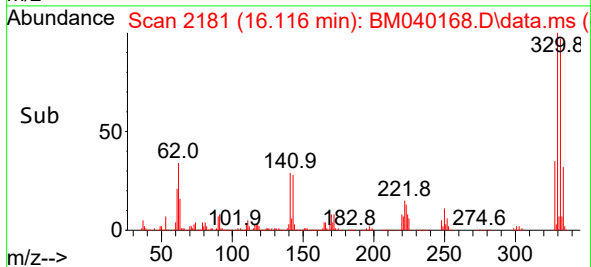
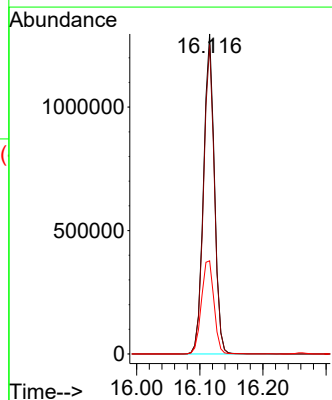
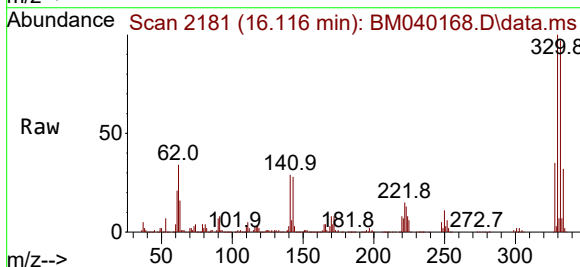
Instrument :
BNA_M
ClientSampleId :
PB153236BS

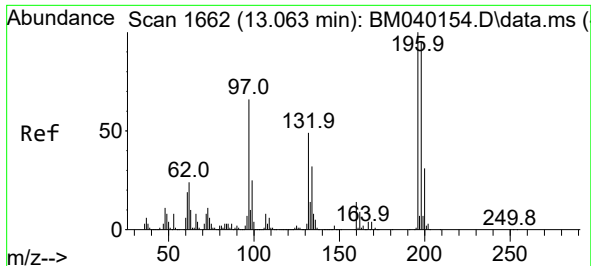
Tgt Ion:237 Resp: 1125876
Ion Ratio Lower Upper
237 100
235 62.6 41.5 81.5
272 13.5 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 134.279 ng
RT: 16.116 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:330 Resp: 1544103
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 33.8 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 44.521 ng

RT: 13.063 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Instrument :

BNA_M

ClientSampleId :

PB153236BS

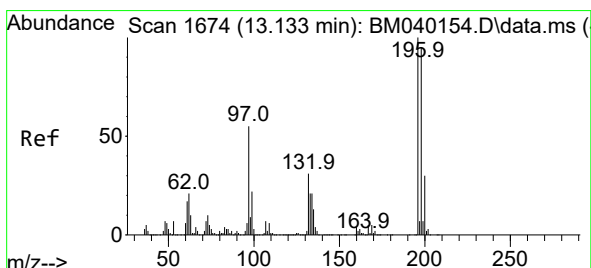
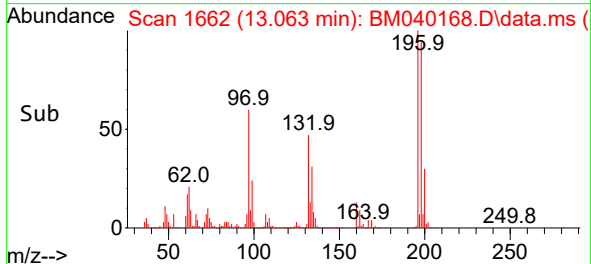
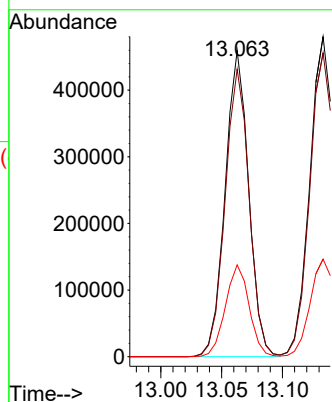
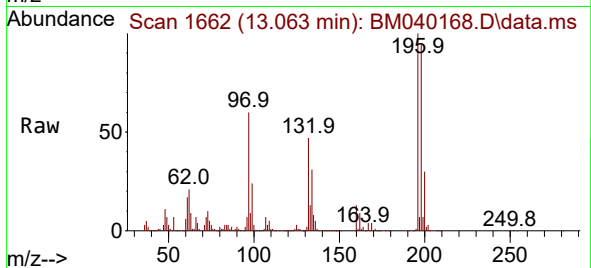
Tgt Ion:196 Resp: 618751

Ion Ratio Lower Upper

196 100

198 93.9 76.4 114.6

200 30.0 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 40.711 ng

RT: 13.133 min Scan# 1674

Delta R.T. -0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Tgt Ion:196 Resp: 682965

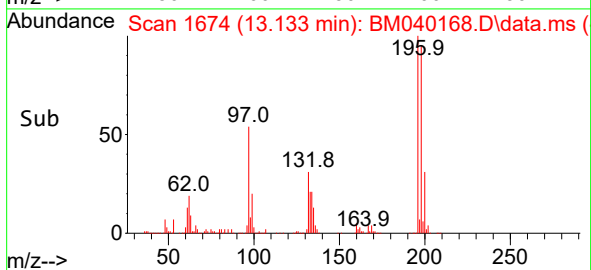
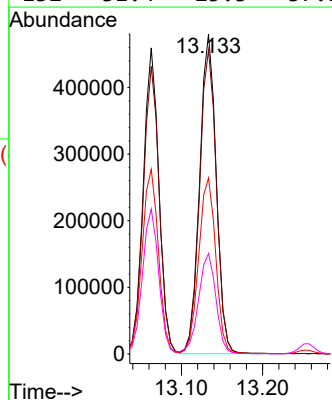
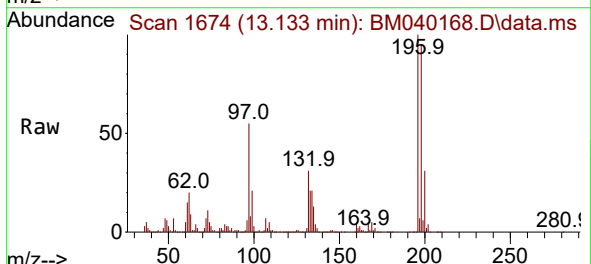
Ion Ratio Lower Upper

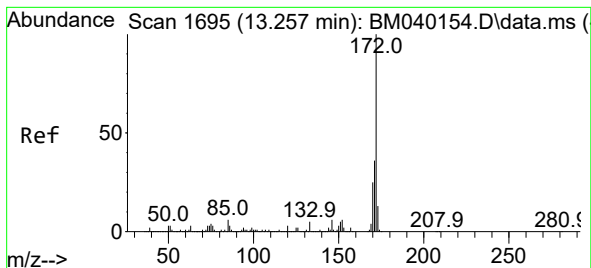
196 100

198 95.0 76.3 114.5

97 55.0 44.2 66.2

132 31.4 25.3 37.9

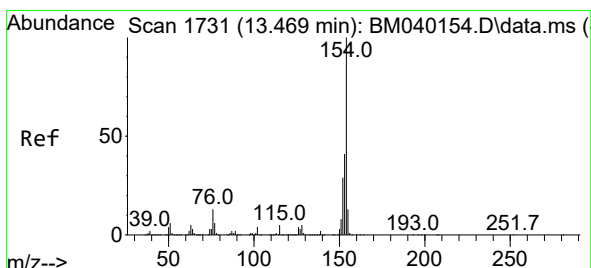
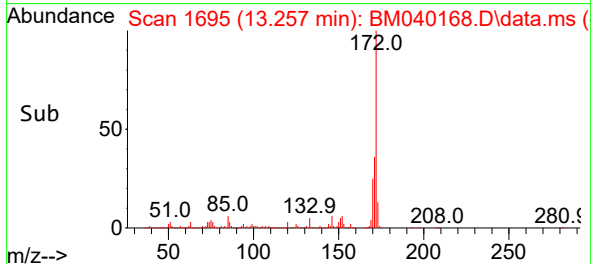
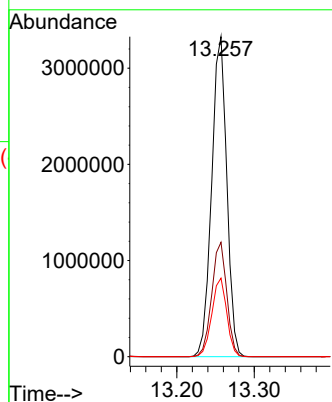
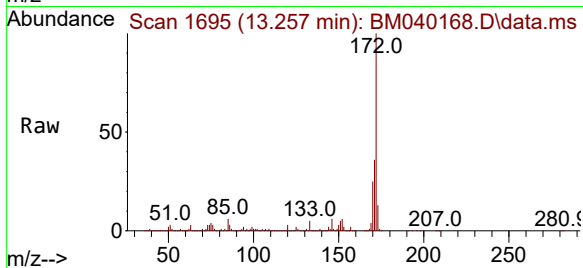




#45
2-Fluorobiphenyl
Concen: 78.294 ng
RT: 13.257 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

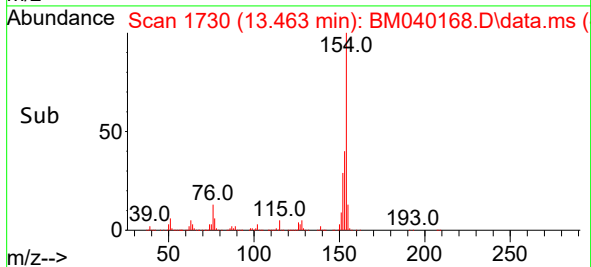
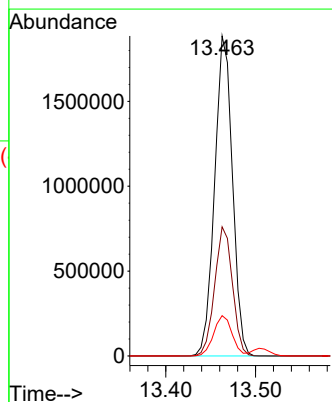
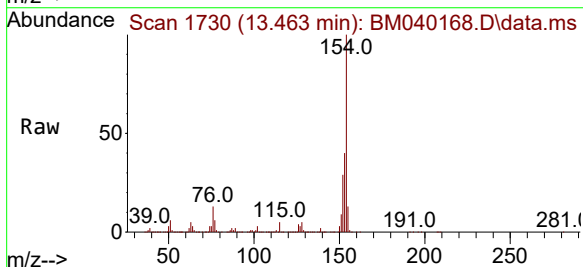
Instrument :
BNA_M
ClientSampleId :
PB153236BS

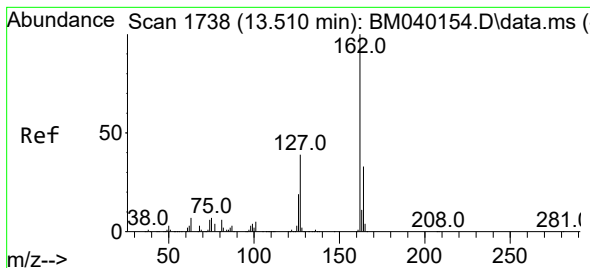
Tgt Ion:172 Resp: 4527413
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.6 19.8 29.6



#46
1,1'-Biphenyl
Concen: 42.421 ng
RT: 13.463 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:154 Resp: 2599713
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 12.6 0.0 32.7

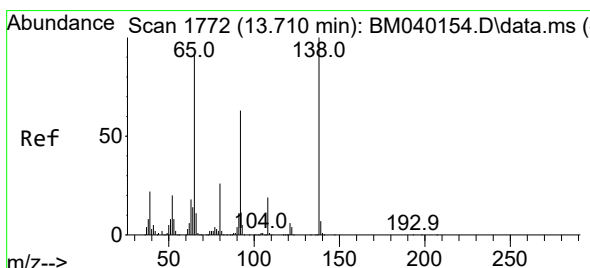
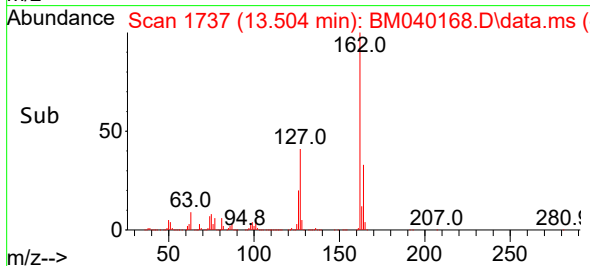
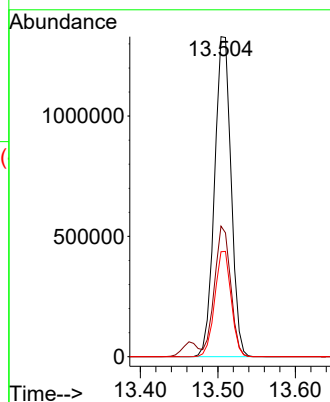
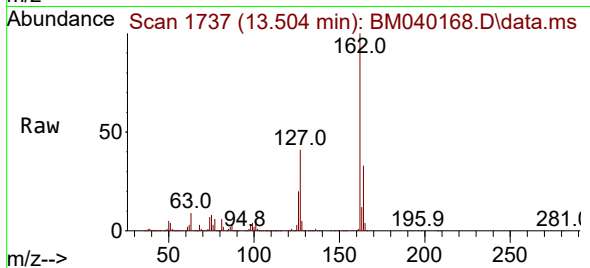




#47
2-Chloronaphthalene
Concen: 43.296 ng
RT: 13.504 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

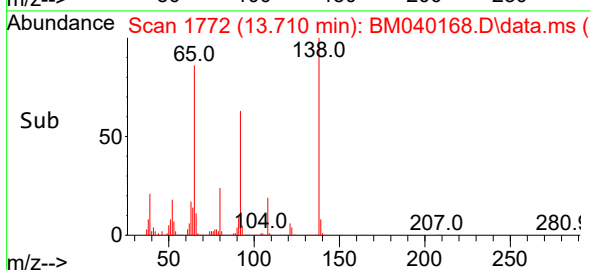
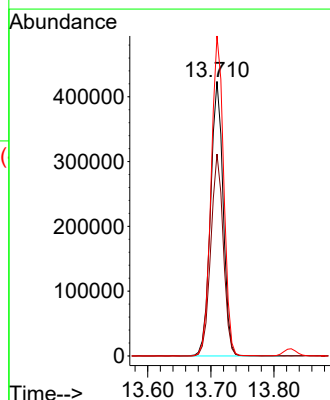
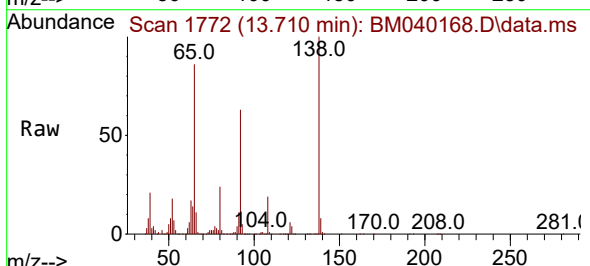
Instrument :
BNA_M
ClientSampleId :
PB153236BS

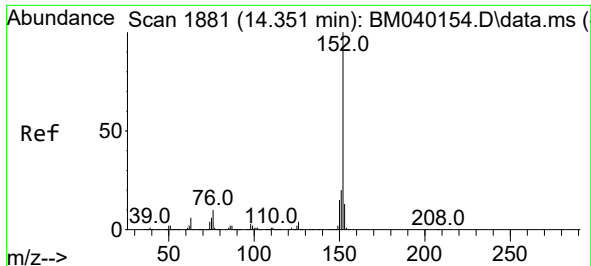
Tgt Ion:162 Resp: 1971116
Ion Ratio Lower Upper
162 100
127 40.8 32.4 48.6
164 32.8 26.3 39.5



#48
2-Nitroaniline
Concen: 43.075 ng
RT: 13.710 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion: 65 Resp: 587990
Ion Ratio Lower Upper
65 100
92 73.6 56.0 84.0
138 116.6 88.2 132.4

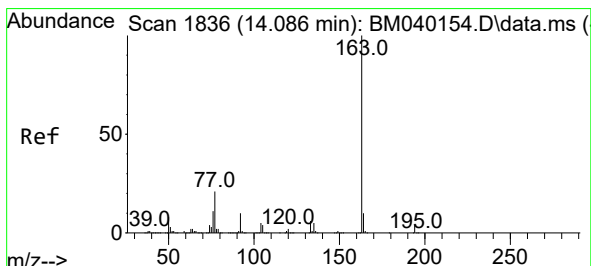
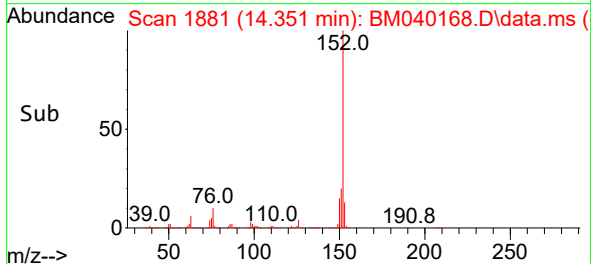
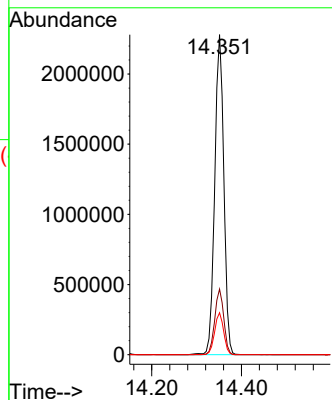
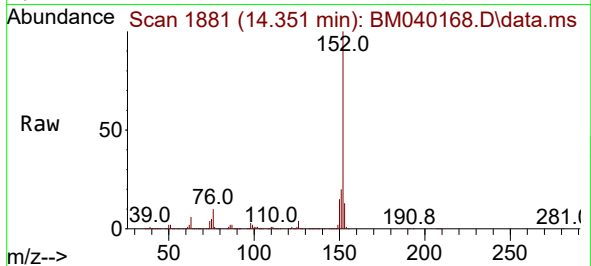




#49
Acenaphthylene
Concen: 42.383 ng
RT: 14.351 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

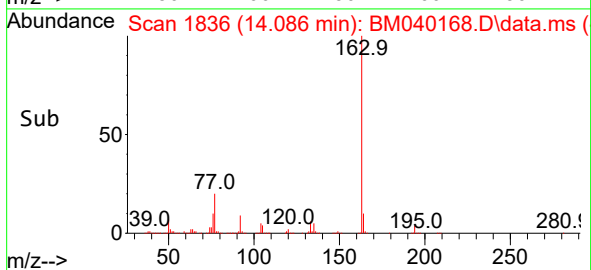
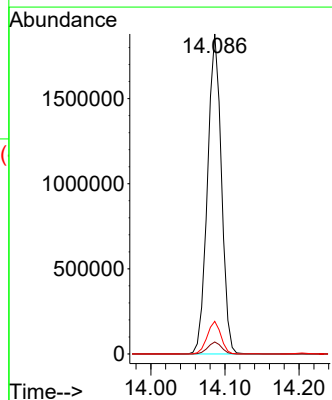
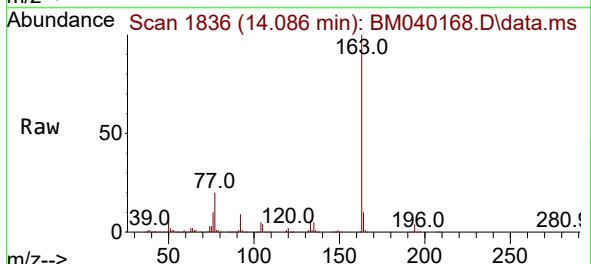
Instrument :
BNA_M
ClientSampleId :
PB153236BS

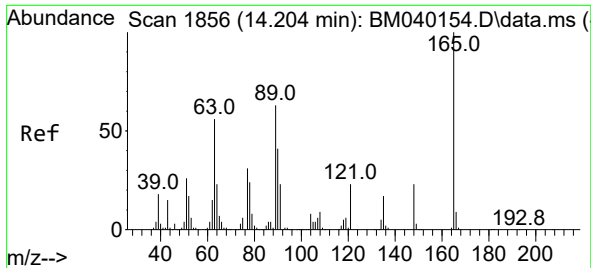
Tgt Ion:152 Resp: 3199172
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 41.057 ng
RT: 14.086 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:163 Resp: 2447455
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.2 8.2 12.2

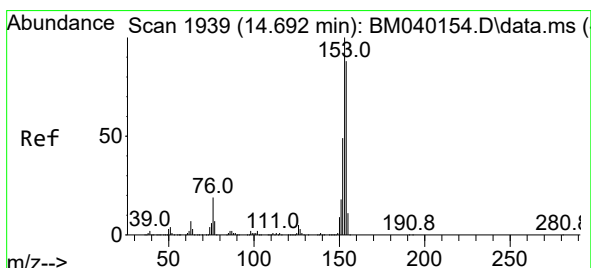
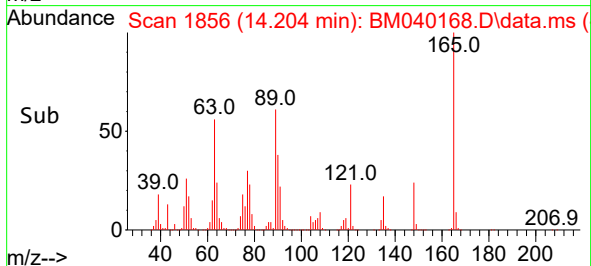
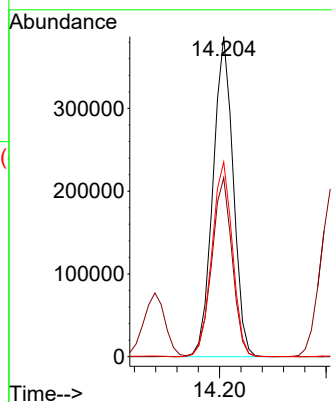
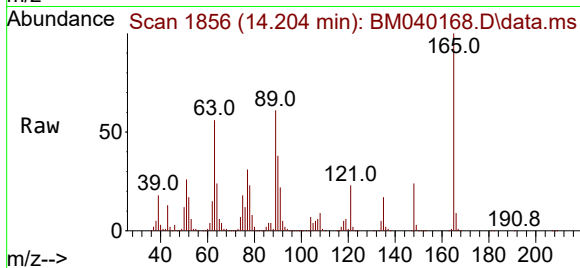




#51
 2,6-Dinitrotoluene
 Concen: 42.668 ng
 RT: 14.204 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: BM040168.D
 Acq: 08 Jun 2023 22:08

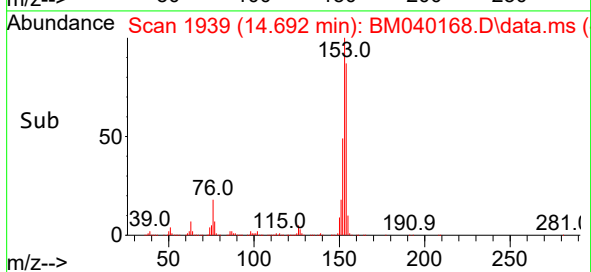
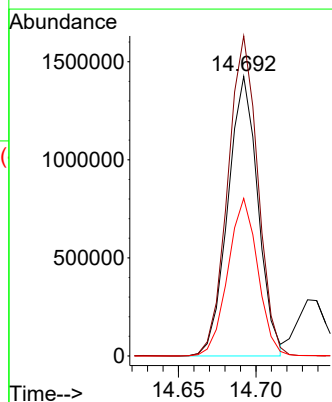
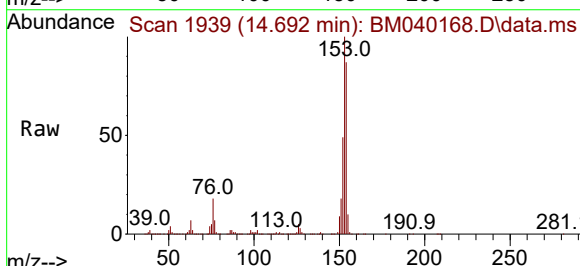
Instrument :
 BNA_M
 ClientSampleId :
 PB153236BS

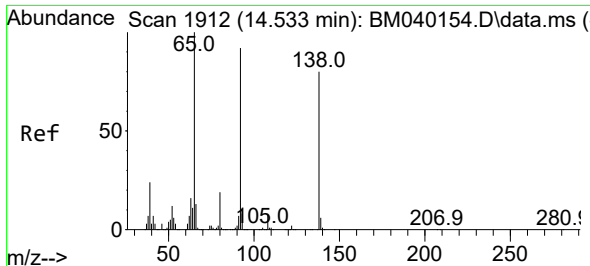
Tgt Ion:165 Resp: 509759
 Ion Ratio Lower Upper
 165 100
 63 55.9 47.3 70.9
 89 60.8 50.8 76.2



#52
 Acenaphthene
 Concen: 41.276 ng
 RT: 14.692 min Scan# 1939
 Delta R.T. 0.000 min
 Lab File: BM040168.D
 Acq: 08 Jun 2023 22:08

Tgt Ion:154 Resp: 1921679
 Ion Ratio Lower Upper
 154 100
 153 114.5 91.2 136.8
 152 56.4 45.0 67.6

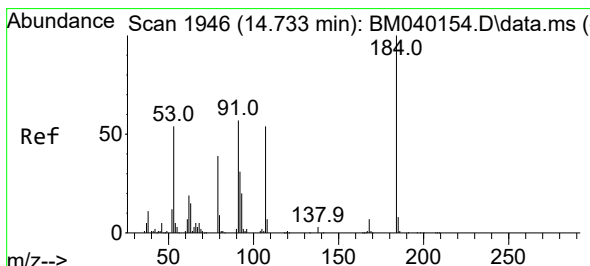
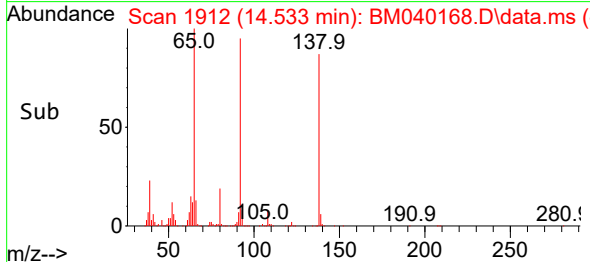
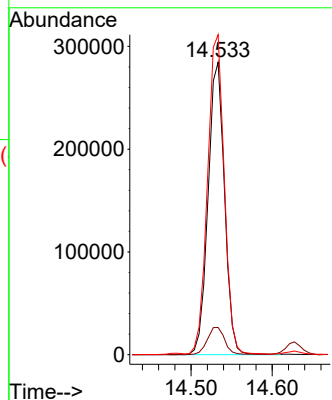
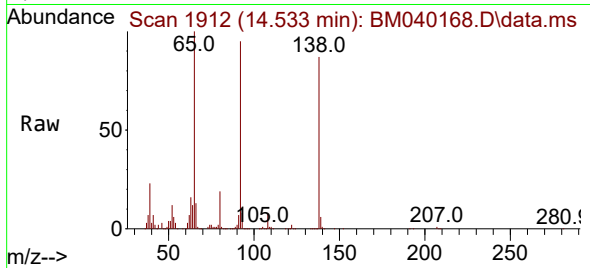




#53
3-Nitroaniline
Concen: 26.821 ng
RT: 14.533 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

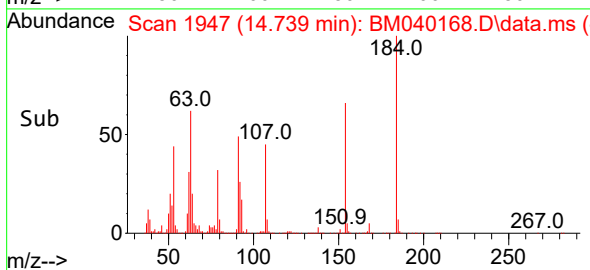
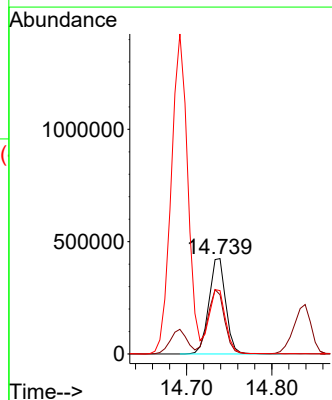
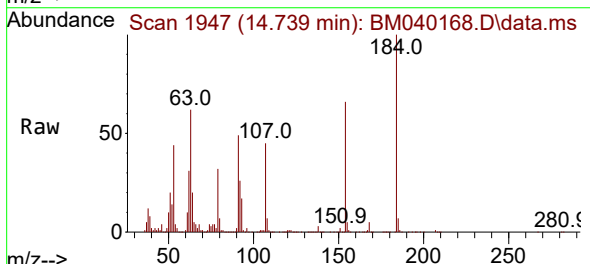
Instrument :
BNA_M
ClientSampleId :
PB153236BS

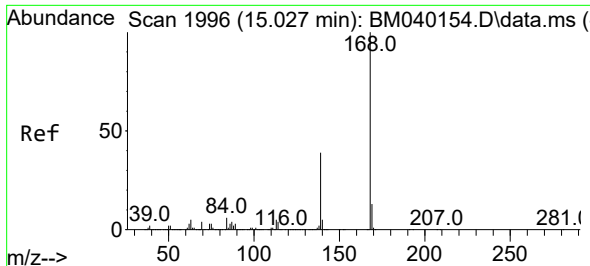
Tgt Ion:138 Resp: 399789
Ion Ratio Lower Upper
138 100
108 9.3 7.8 11.6
92 109.4 91.6 137.4



#54
2,4-Dinitrophenol
Concen: 76.869 ng
RT: 14.739 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:184 Resp: 582116
Ion Ratio Lower Upper
184 100
63 62.1 62.8 94.2#
154 66.4 55.9 83.9

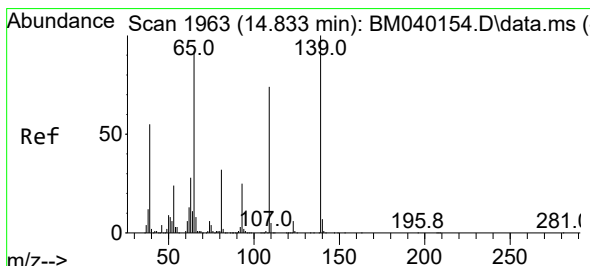
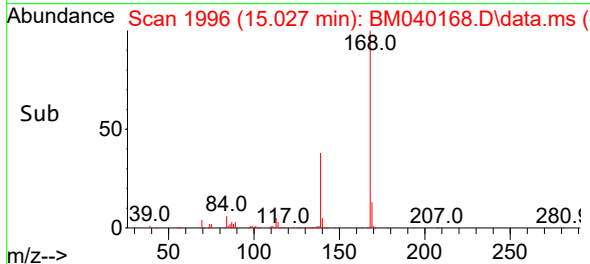
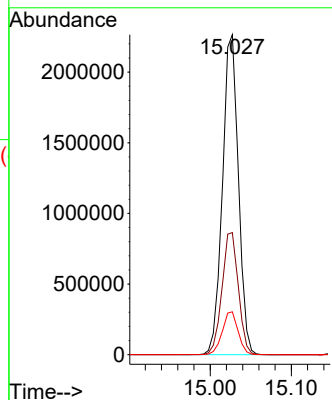
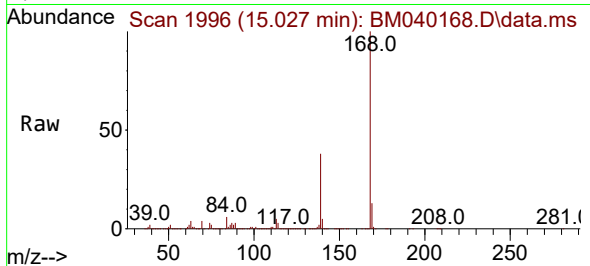




#55
Dibenzofuran
Concen: 42.529 ng
RT: 15.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

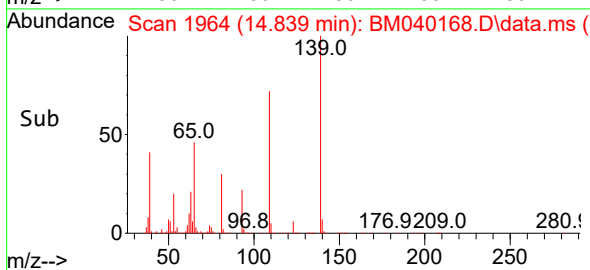
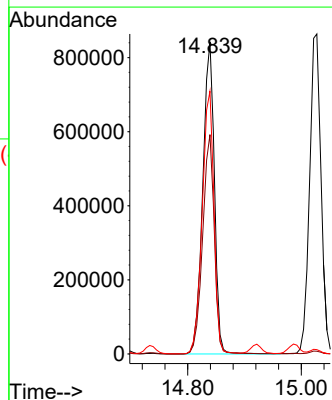
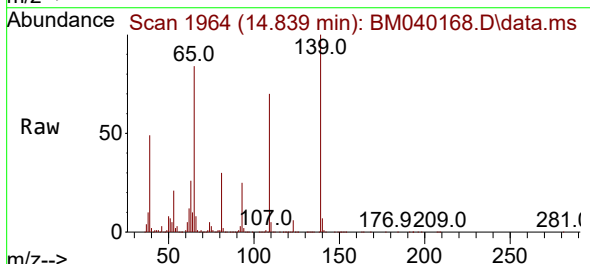
Instrument :
BNA_M
ClientSampleId :
PB153236BS

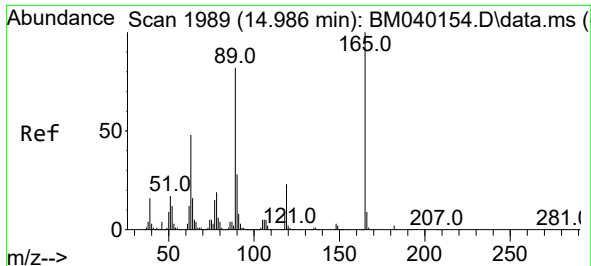
Tgt Ion:168 Resp: 3097327
Ion Ratio Lower Upper
168 100
139 38.1 31.4 47.2
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 99.195 ng
RT: 14.839 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:139 Resp: 1197547
Ion Ratio Lower Upper
139 100
109 70.3 54.4 94.4
65 84.2 71.9 111.9





#57

2,4-Dinitrotoluene

Concen: 46.447 ng

RT: 14.986 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Instrument :

BNA_M

ClientSampleId :

PB153236BS

Tgt Ion:165 Resp: 740562

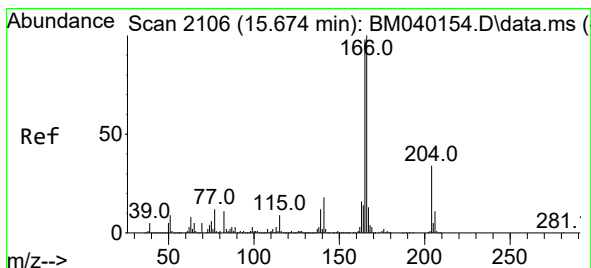
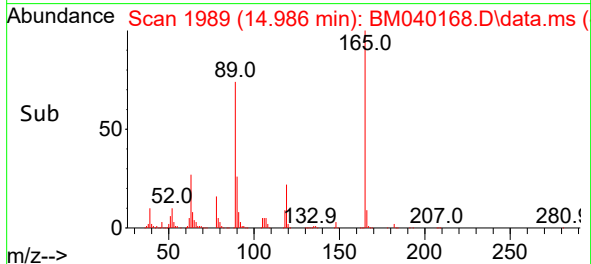
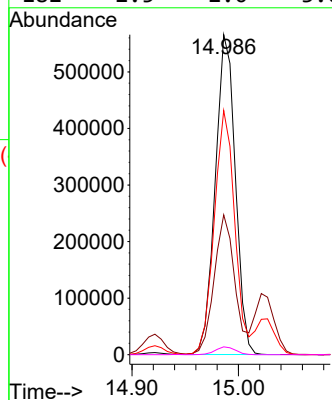
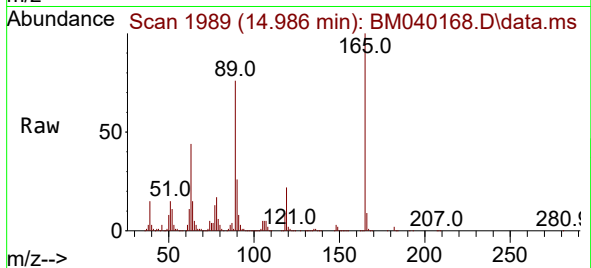
Ion Ratio Lower Upper

165 100

63 43.7 38.3 57.5

89 76.3 66.0 99.0

182 2.5 2.0 3.0



#58

Fluorene

Concen: 44.279 ng

RT: 15.674 min Scan# 2106

Delta R.T. 0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

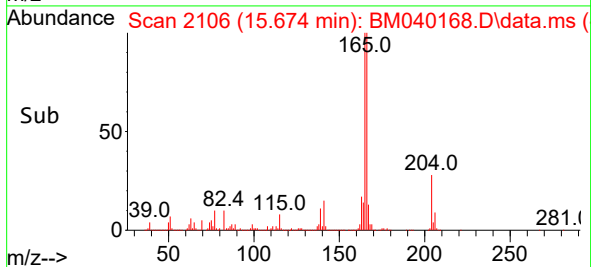
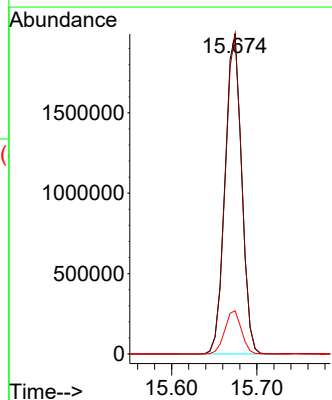
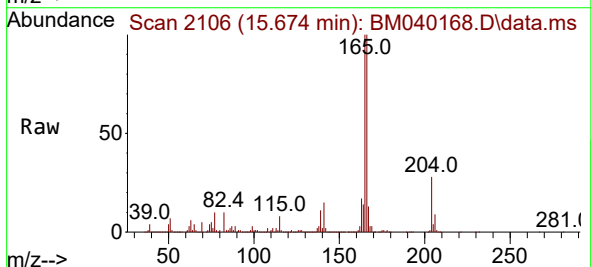
Tgt Ion:166 Resp: 2699280

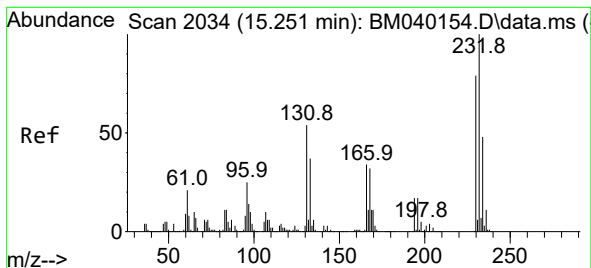
Ion Ratio Lower Upper

166 100

165 99.6 78.6 117.8

167 13.5 10.7 16.1

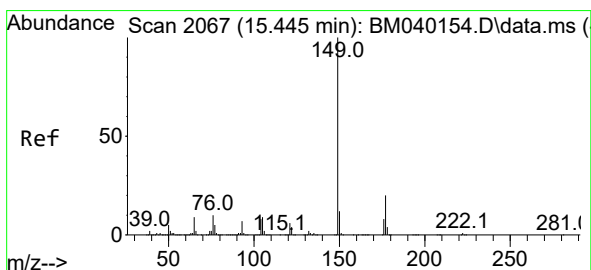
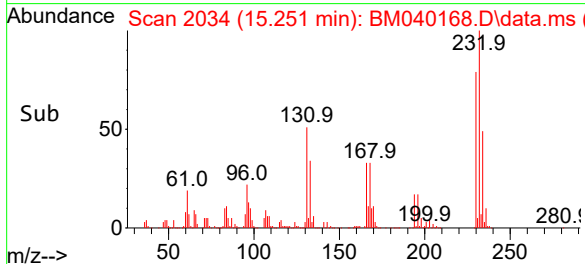
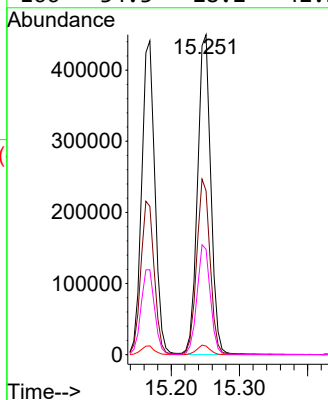
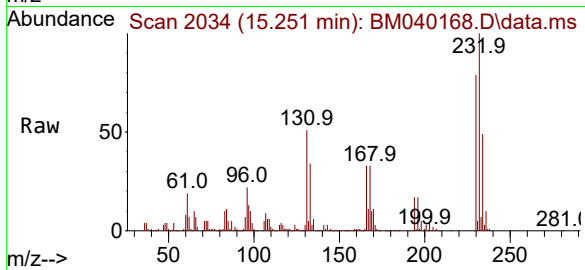




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.366 ng
RT: 15.251 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

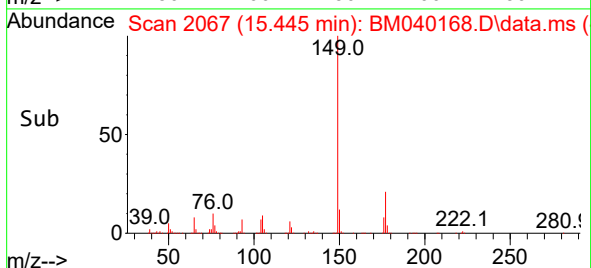
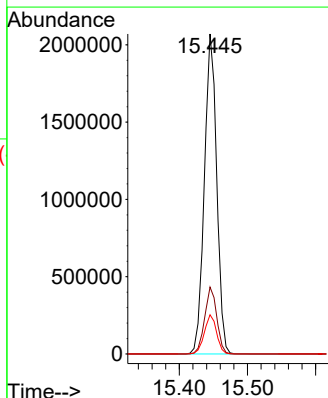
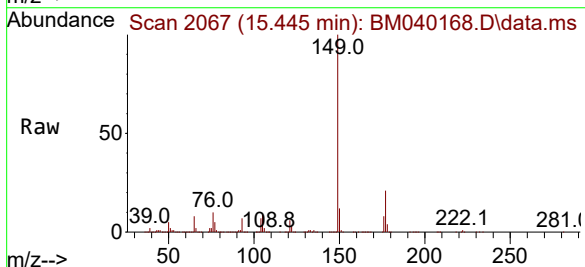
Instrument :
BNA_M
ClientSampleId :
PB153236BS

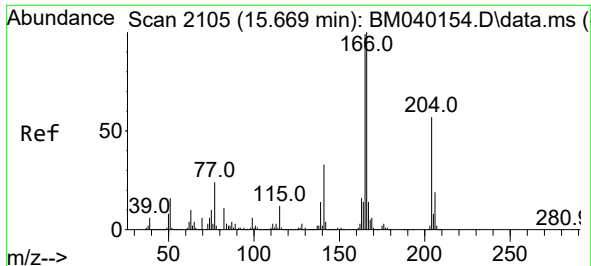
Tgt Ion:232 Resp: 608196
Ion Ratio Lower Upper
232 100
131 55.4 46.7 70.1
130 3.0 2.5 3.7
166 34.3 28.2 42.2



#60
Diethylphthalate
Concen: 43.062 ng
RT: 15.445 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:149 Resp: 2604534
Ion Ratio Lower Upper
149 100
177 20.9 16.2 24.2
150 12.3 9.9 14.9

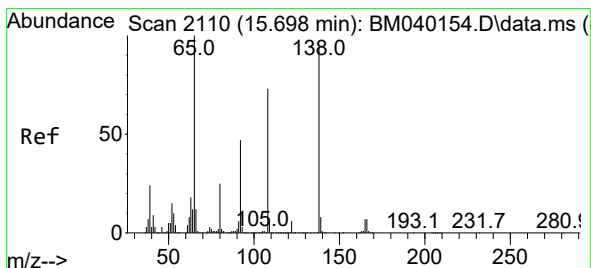
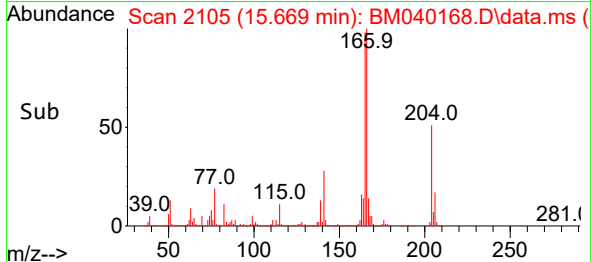
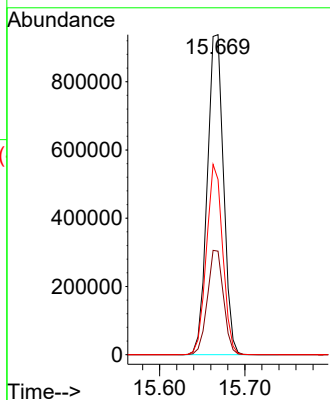
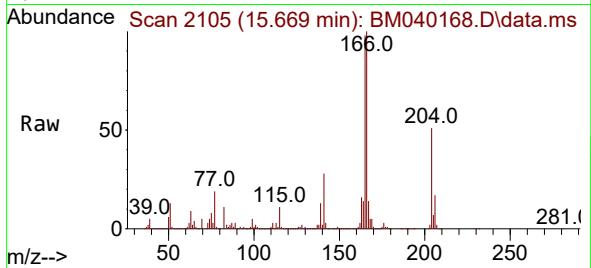




#61
4-Chlorophenyl-phenylether
Concen: 43.511 ng
RT: 15.669 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

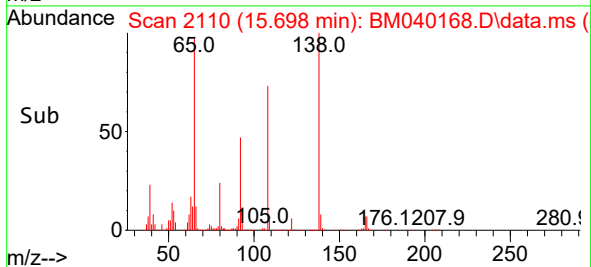
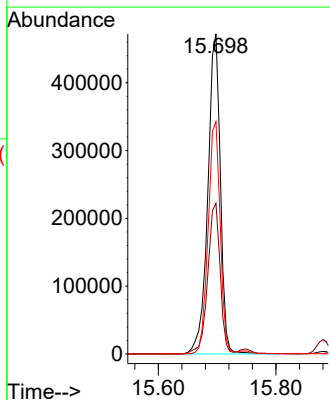
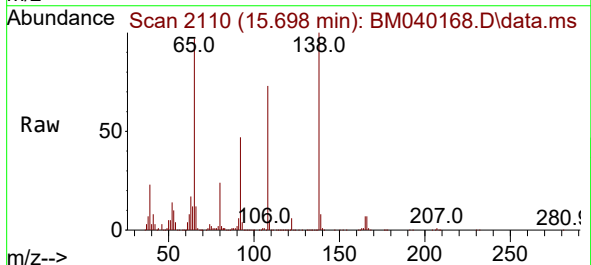
Instrument :
BNA_M
ClientSampleId :
PB153236BS

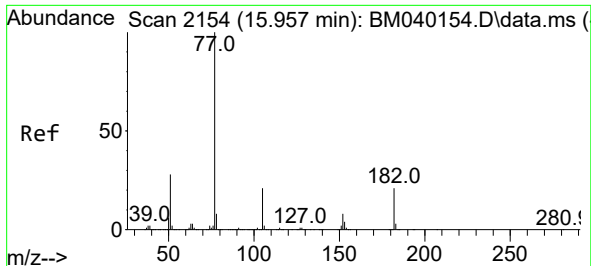
Tgt Ion:204 Resp: 1239814
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.4
141 54.8 45.9 68.9



#62
4-Nitroaniline
Concen: 44.090 ng
RT: 15.698 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:138 Resp: 700084
Ion Ratio Lower Upper
138 100
92 47.1 30.1 70.1
108 72.6 57.8 97.8



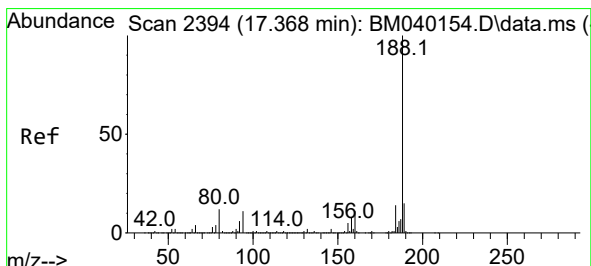
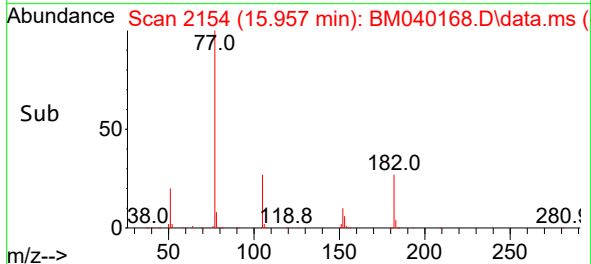
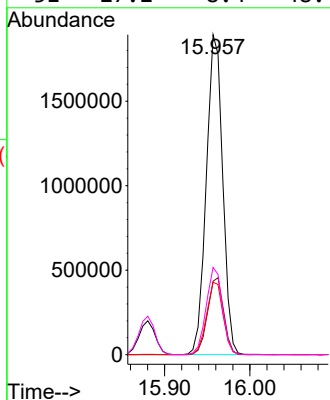
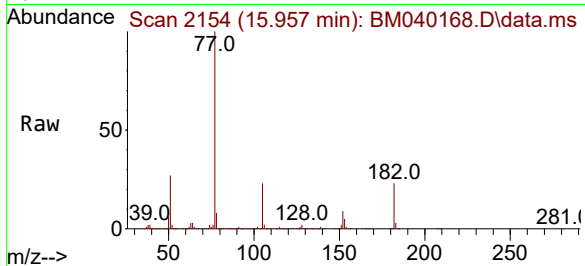


#63
Azobenzene
Concen: 42.933 ng
RT: 15.957 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Instrument :
BNA_M
ClientSampleId :
PB153236BS

Tgt Ion: 77 Resp: 2524720

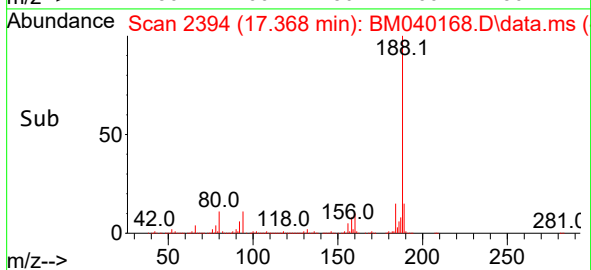
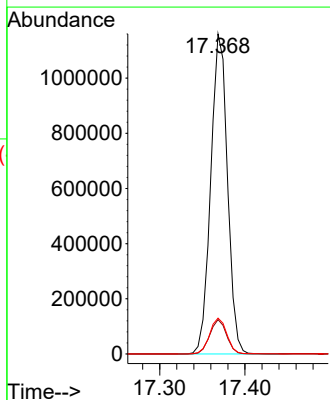
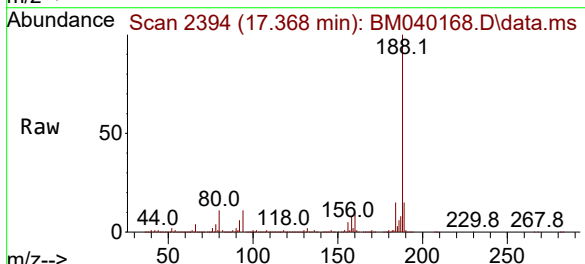
Ion	Ratio	Lower	Upper
77	100		
182	22.9	1.1	41.1
105	22.6	1.1	41.1
51	27.2	8.4	48.4

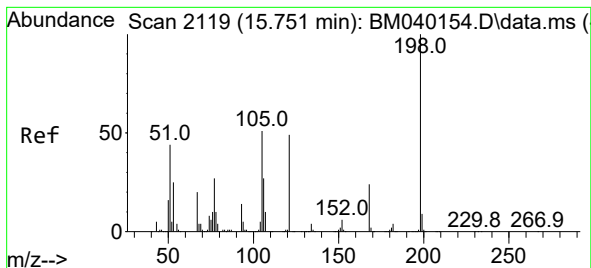


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion: 188 Resp: 1582218

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.9	13.3
80	11.2	9.6	14.4

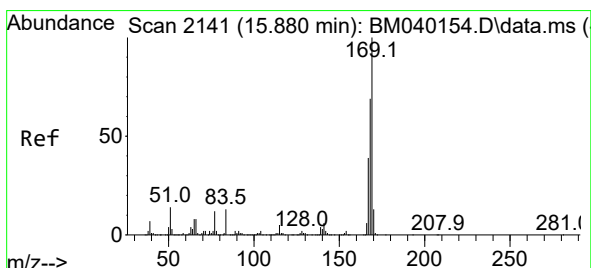
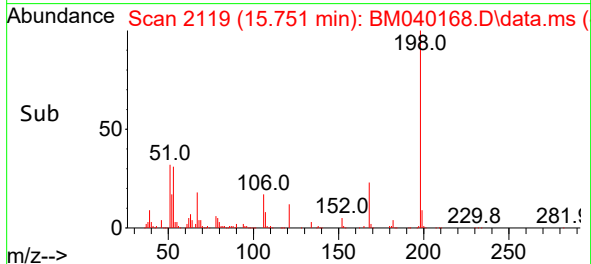
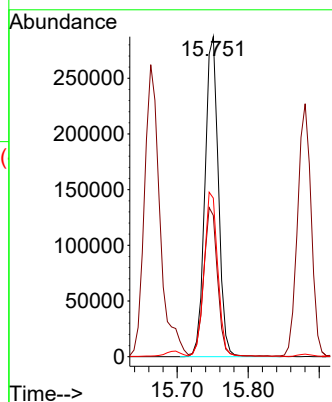
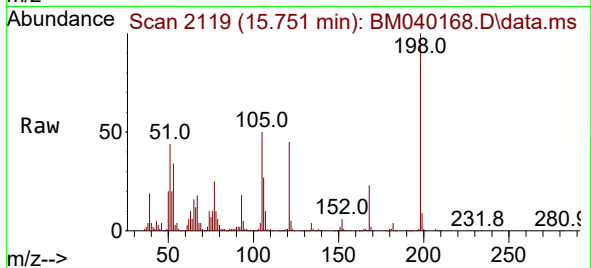




#65
4,6-Dinitro-2-methylphenol
Concen: 42.528 ng
RT: 15.751 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

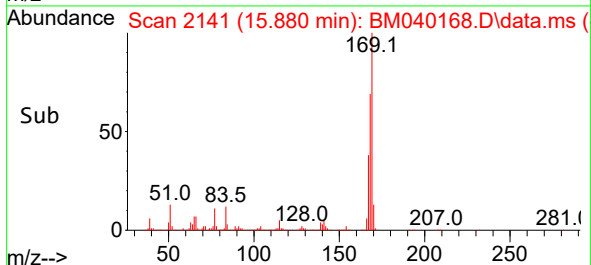
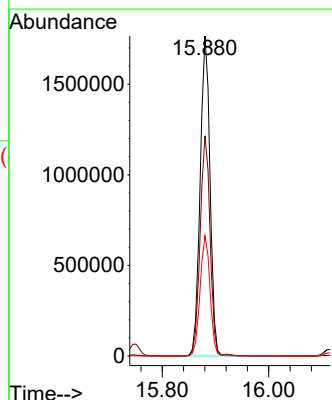
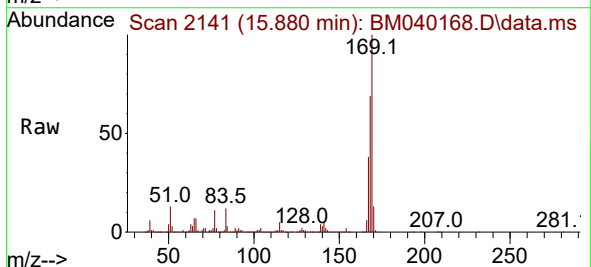
Instrument :
BNA_M
ClientSampleId :
PB153236BS

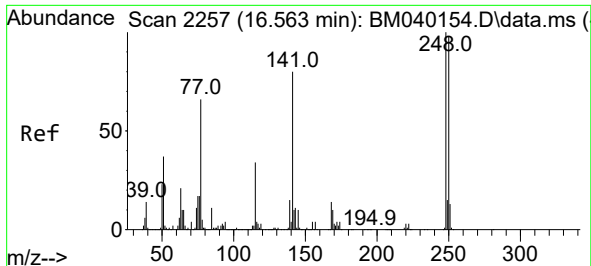
Tgt Ion:198 Resp: 377422
Ion Ratio Lower Upper
198 100
51 44.2 30.6 70.6
105 49.6 32.5 72.5



#66
n-Nitrosodiphenylamine
Concen: 43.698 ng
RT: 15.880 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:169 Resp: 2264587
Ion Ratio Lower Upper
169 100
168 68.8 55.6 83.4
167 37.6 31.3 46.9

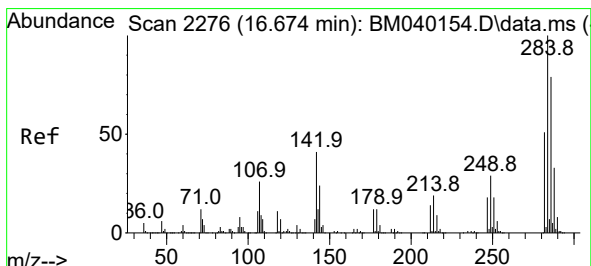
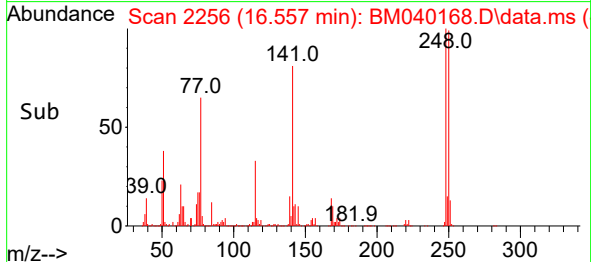
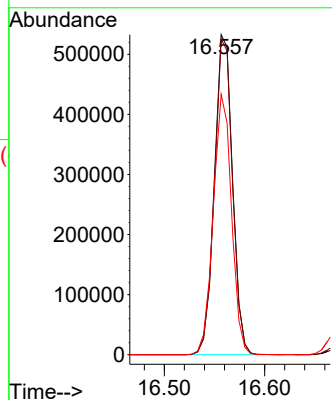
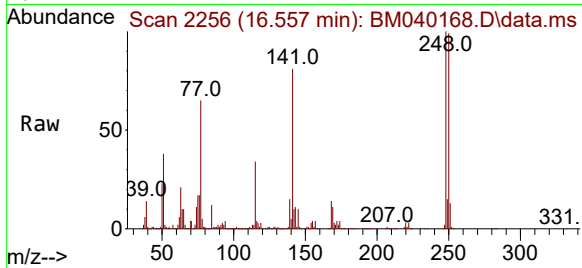




#67
4-Bromophenyl-phenylether
Concen: 42.179 ng
RT: 16.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

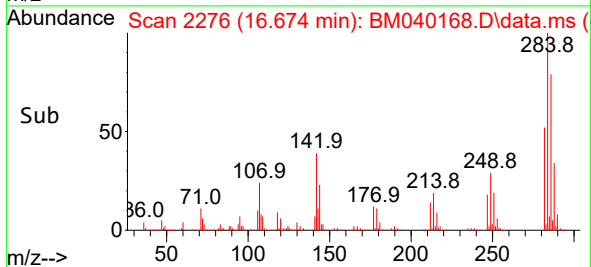
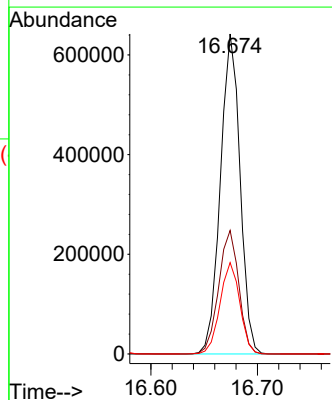
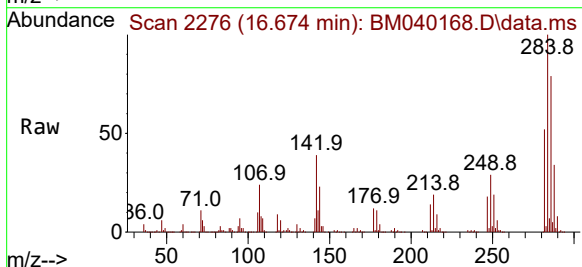
Instrument :
BNA_M
ClientSampleId :
PB153236BS

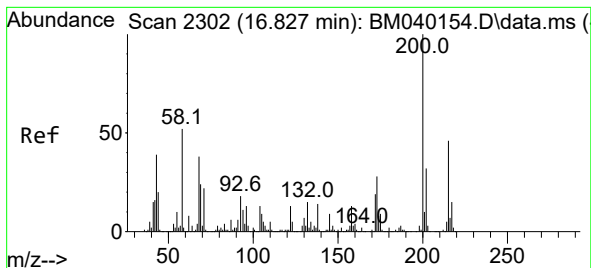
Tgt Ion:248 Resp: 670266
Ion Ratio Lower Upper
248 100
250 98.6 78.1 117.1
141 81.3 64.3 96.5



#68
Hexachlorobenzene
Concen: 45.021 ng
RT: 16.674 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:284 Resp: 820507
Ion Ratio Lower Upper
284 100
142 38.6 32.7 49.1
249 28.5 23.3 34.9





#69

Atrazine

Concen: 51.402 ng

RT: 16.833 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Instrument :

BNA_M

ClientSampleId :

PB153236BS

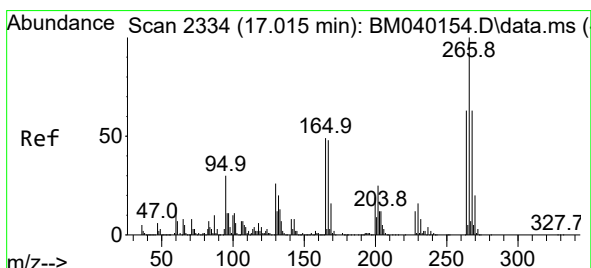
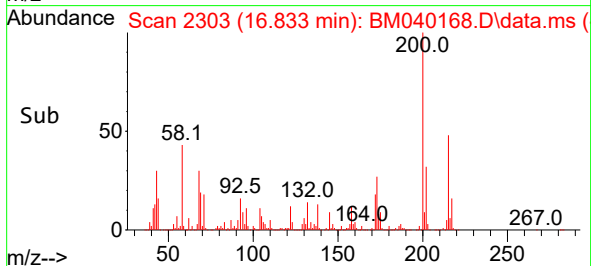
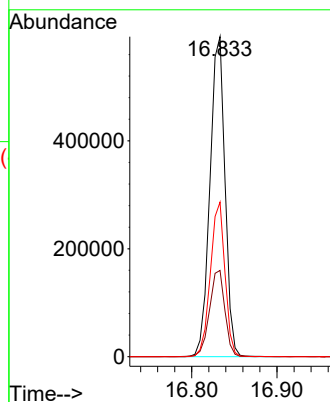
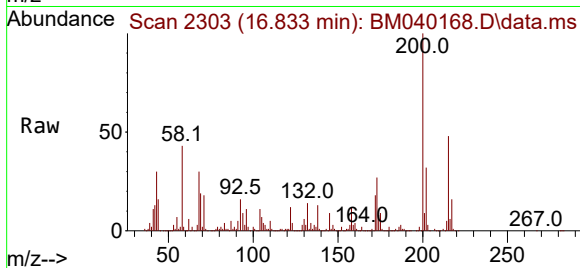
Tgt Ion:200 Resp: 728008

Ion Ratio Lower Upper

200 100

173 27.0 8.1 48.1

215 48.3 25.7 65.7



#70

Pentachlorophenol

Concen: 87.118 ng

RT: 17.015 min Scan# 2334

Delta R.T. 0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

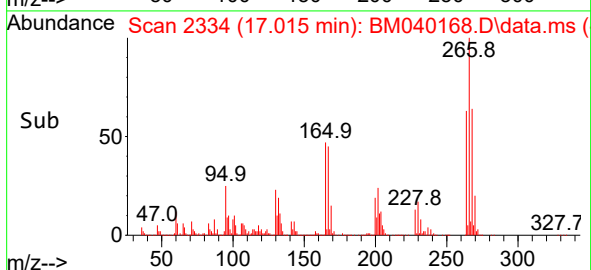
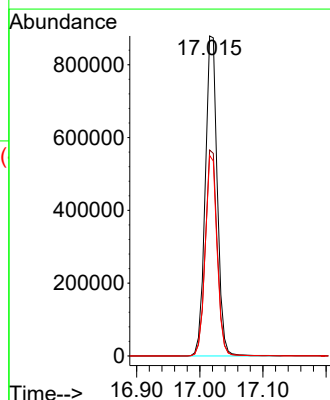
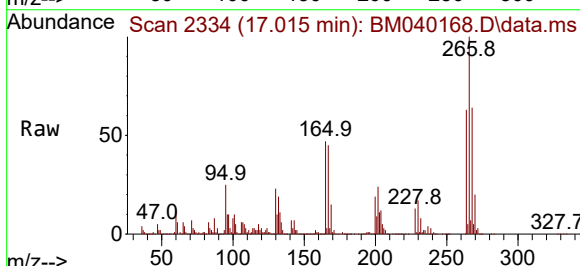
Tgt Ion:266 Resp: 1165498

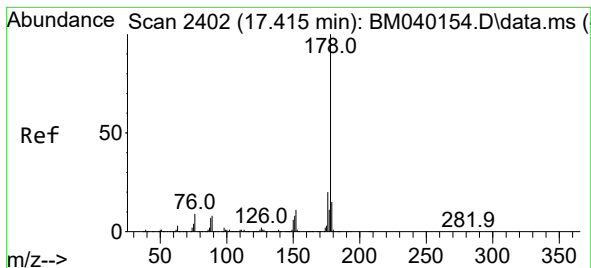
Ion Ratio Lower Upper

266 100

268 64.4 50.4 75.6

264 62.6 50.1 75.1





#71

Phenanthrene

Concen: 43.272 ng

RT: 17.415 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Instrument :

BNA_M

ClientSampleId :

PB153236BS

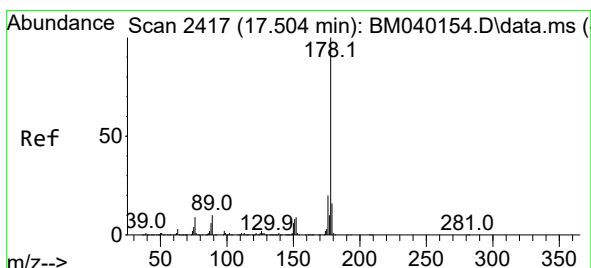
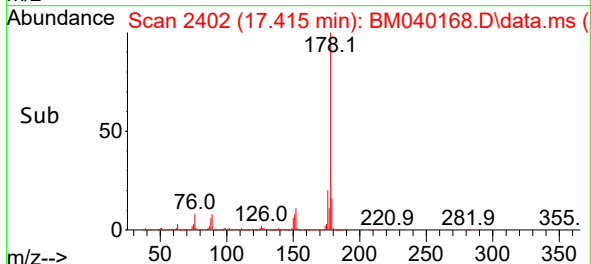
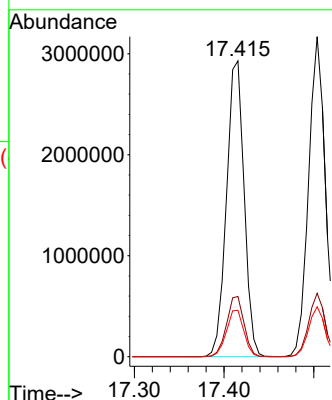
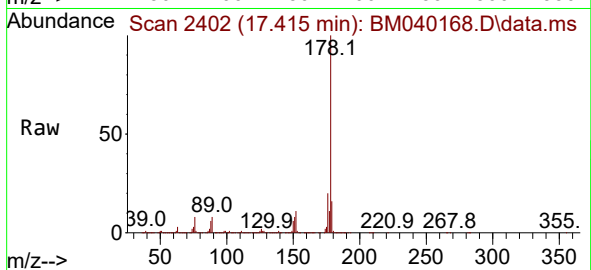
Tgt Ion:178 Resp: 3989247

Ion Ratio Lower Upper

178 100

176 20.3 16.4 24.6

179 15.7 12.3 18.5



#72

Anthracene

Concen: 44.602 ng

RT: 17.504 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

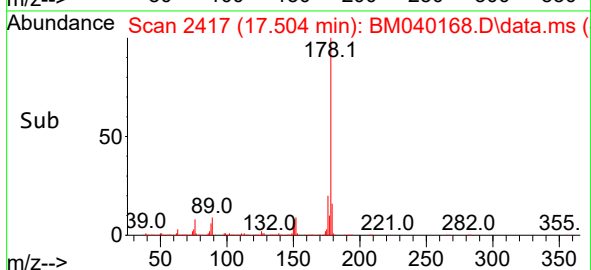
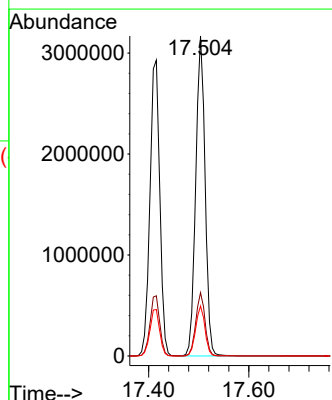
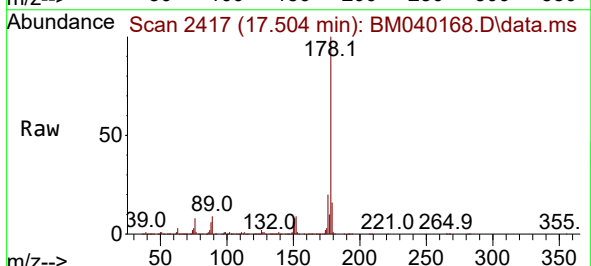
Tgt Ion:178 Resp: 4102139

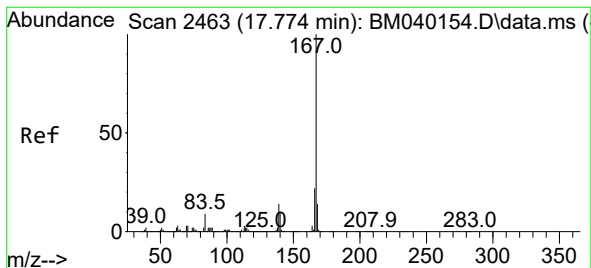
Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

179 15.6 12.6 19.0





#73

Carbazole

Concen: 45.022 ng

RT: 17.774 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Instrument :

BNA_M

ClientSampleId :

PB153236BS

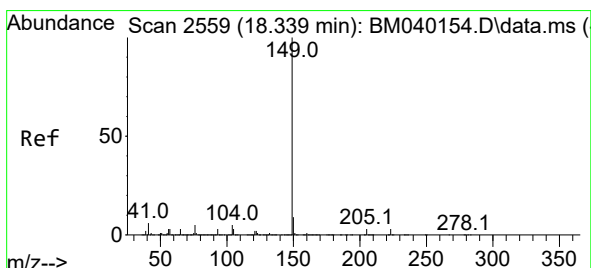
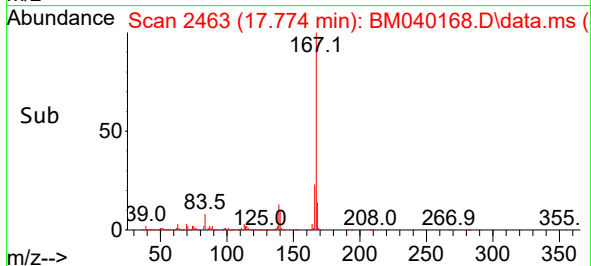
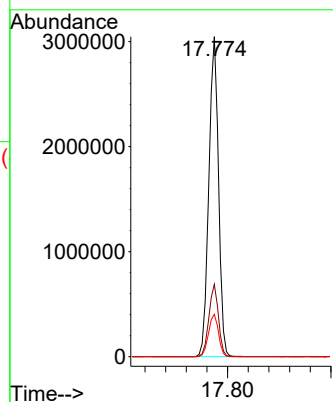
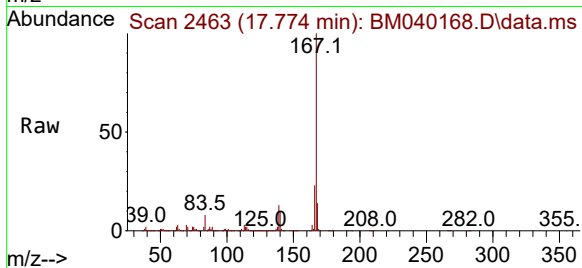
Tgt Ion:167 Resp: 3949583

Ion Ratio Lower Upper

167 100

166 22.6 17.8 26.8

139 13.3 11.0 16.4



#74

Di-n-butylphthalate

Concen: 44.753 ng

RT: 18.333 min Scan# 2558

Delta R.T. -0.006 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

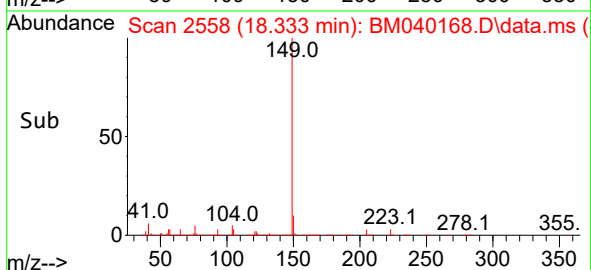
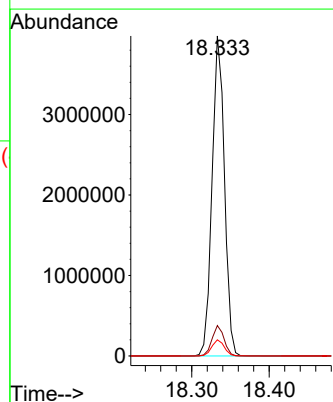
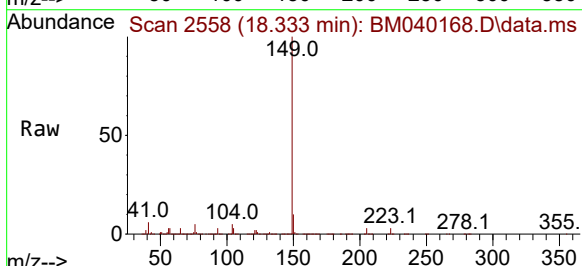
Tgt Ion:149 Resp: 4403168

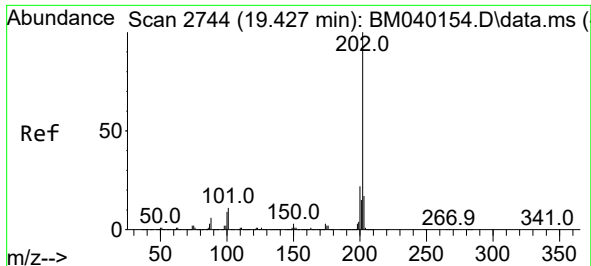
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

104 5.1 4.1 6.1

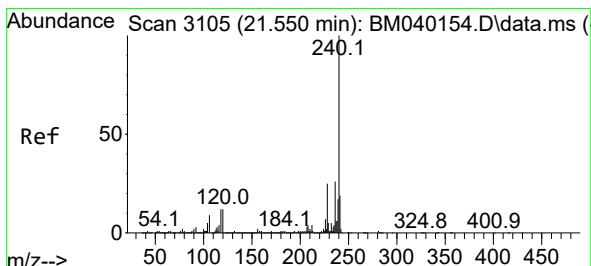
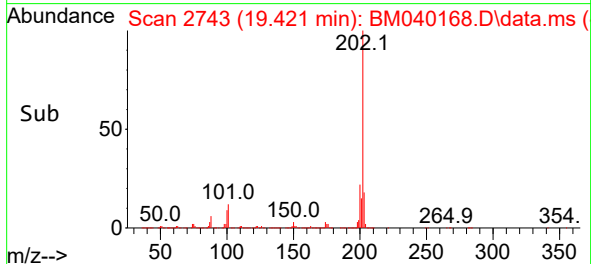
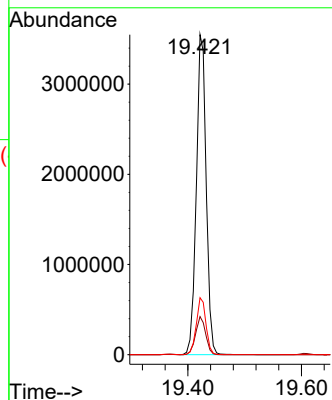
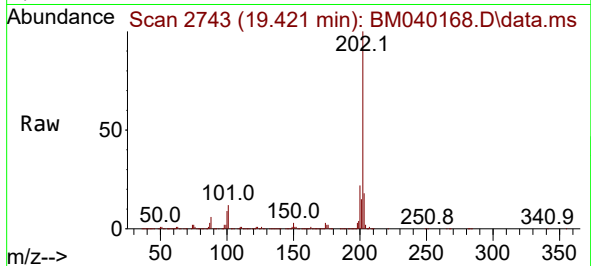




#75
Fluoranthene
Concen: 43.823 ng
RT: 19.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

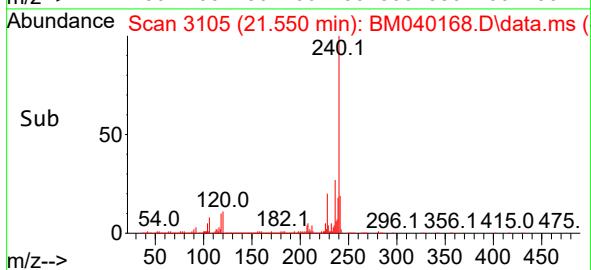
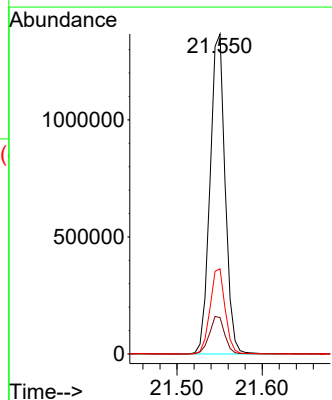
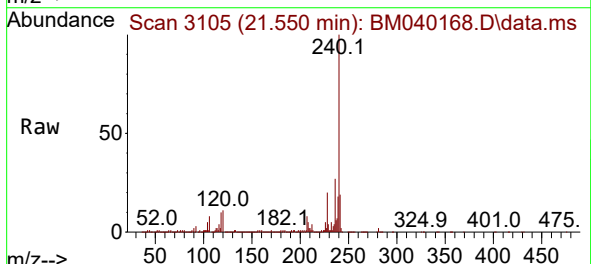
Instrument :
BNA_M
ClientSampleId :
PB153236BS

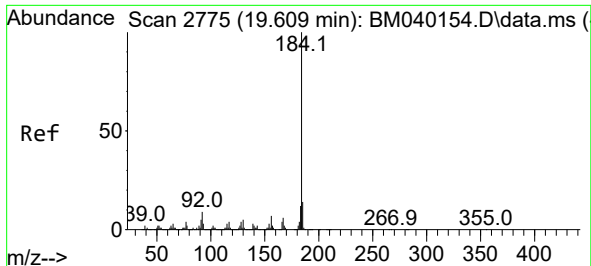
Tgt Ion:202 Resp: 4287264
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.4
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.550 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:240 Resp: 1680364
Ion Ratio Lower Upper
240 100
120 11.4 9.9 14.9
236 26.6 21.1 31.7

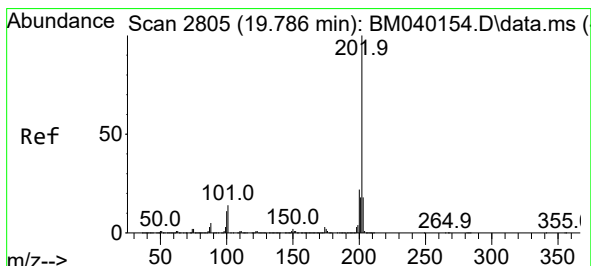
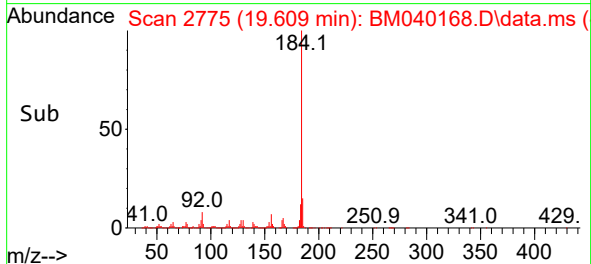
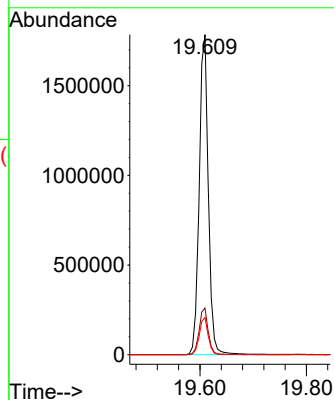
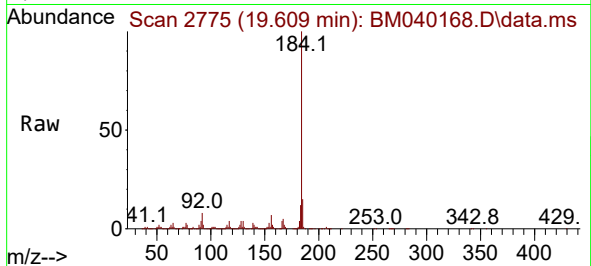




#77
Benzidine
Concen: 67.192 ng
RT: 19.609 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

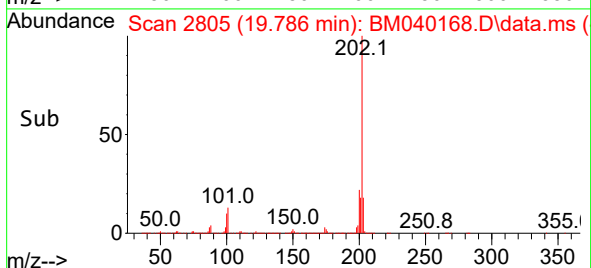
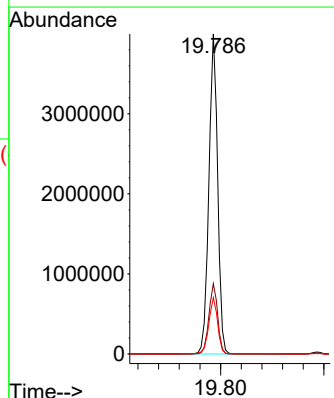
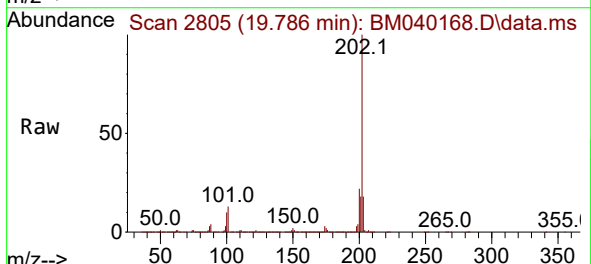
Instrument :
BNA_M
ClientSampleId :
PB153236BS

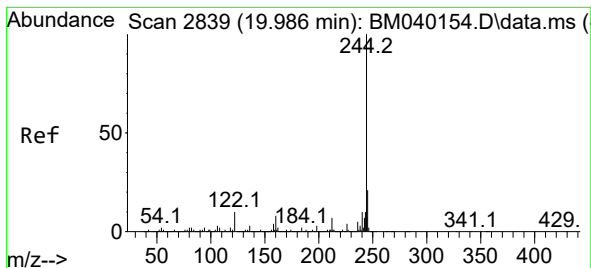
Tgt Ion:184 Resp: 2120450
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 11.6 9.4 14.0



#78
Pyrene
Concen: 41.820 ng
RT: 19.786 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:202 Resp: 4685902
Ion Ratio Lower Upper
202 100
200 22.0 17.8 26.8
203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 92.329 ng

RT: 19.986 min Scan# 2839

Delta R.T. 0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Instrument :

BNA_M

ClientSampleId :

PB153236BS

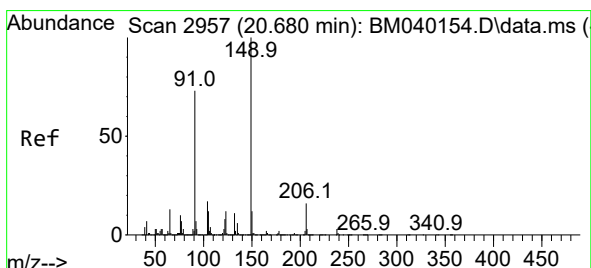
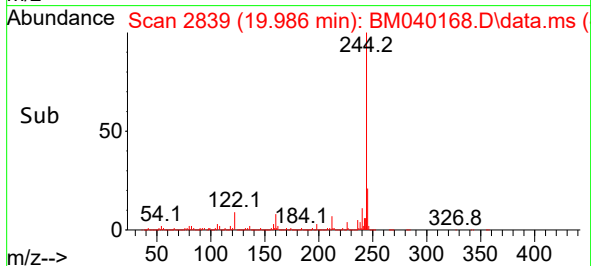
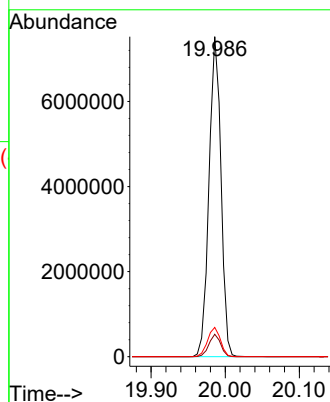
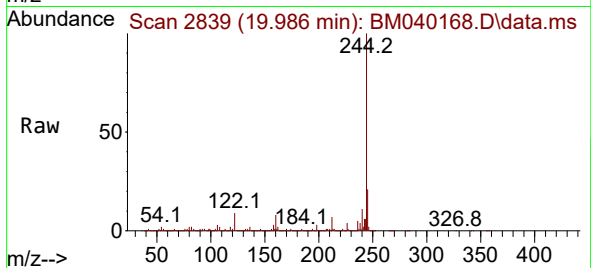
Tgt Ion:244 Resp: 8416278

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.2 7.9 11.9



#80

Butylbenzylphthalate

Concen: 43.834 ng

RT: 20.680 min Scan# 2957

Delta R.T. -0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

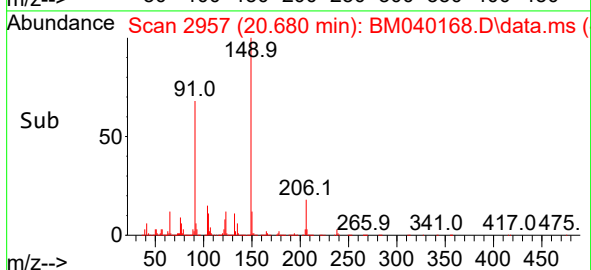
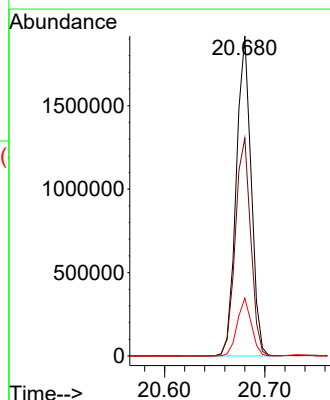
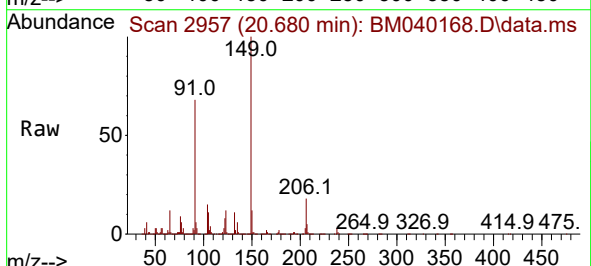
Tgt Ion:149 Resp: 1985215

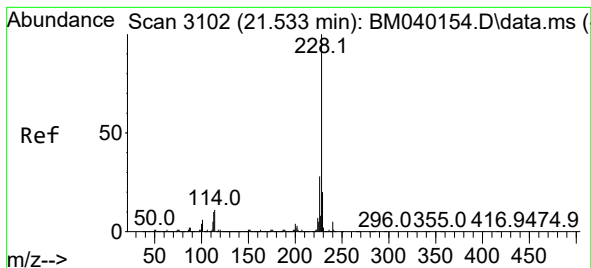
Ion Ratio Lower Upper

149 100

91 68.1 58.3 87.5

206 18.1 13.2 19.8





#81

Benzo(a)anthracene

Concen: 44.074 ng

RT: 21.533 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Instrument :

BNA_M

ClientSampleId :

PB153236BS

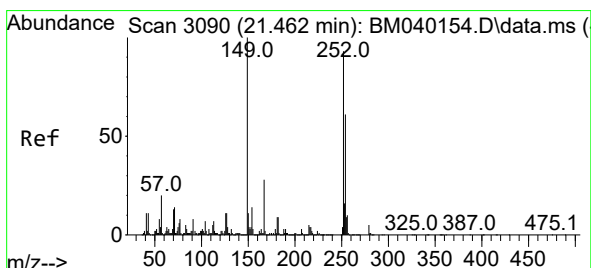
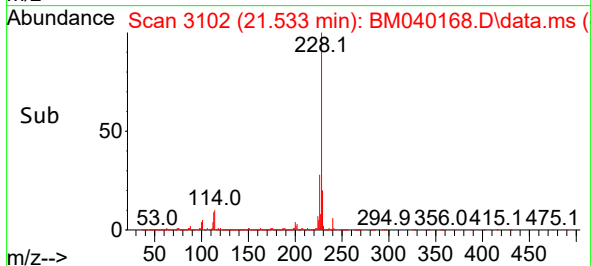
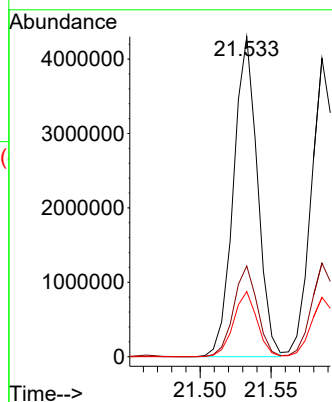
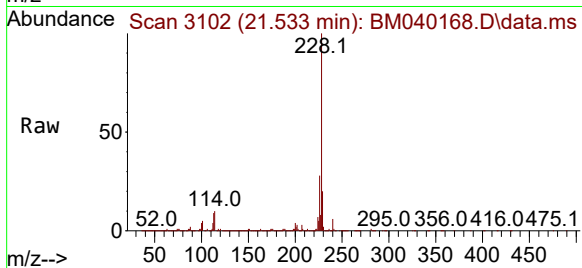
Tgt Ion:228 Resp: 5050350

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

229 20.4 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 36.582 ng

RT: 21.462 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

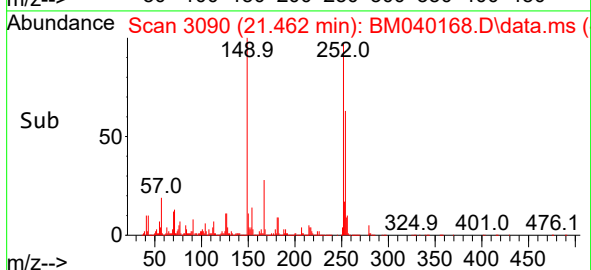
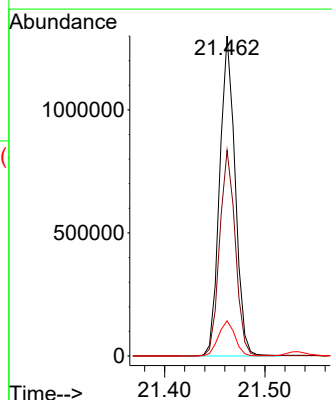
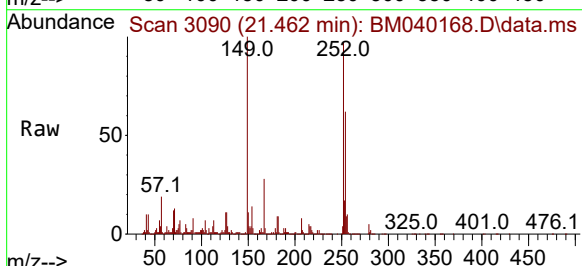
Tgt Ion:252 Resp: 1393122

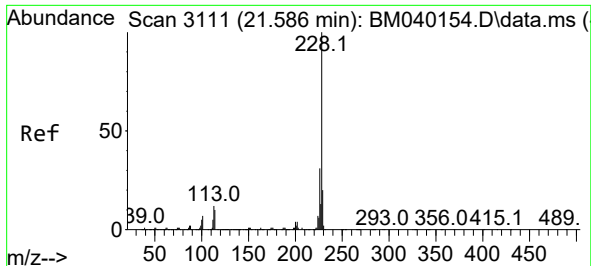
Ion Ratio Lower Upper

252 100

254 64.2 52.2 78.2

126 11.0 9.5 14.3

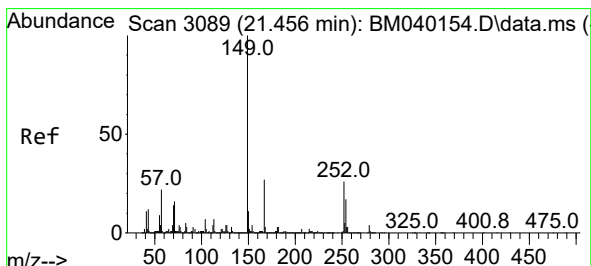
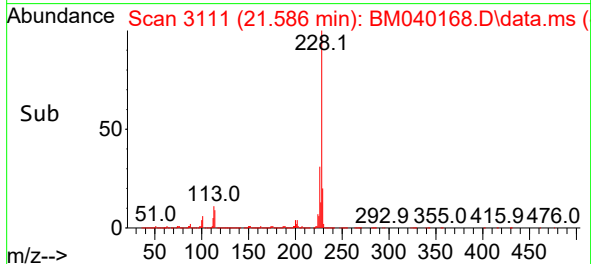
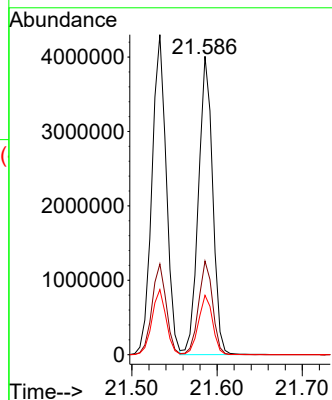
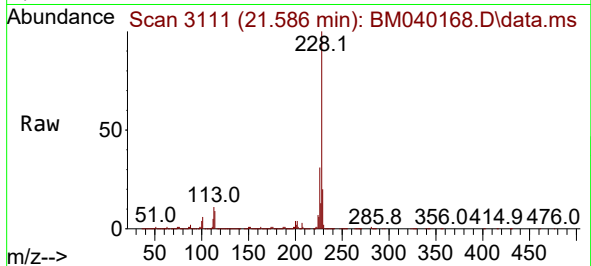




#83
Chrysene
Concen: 42.735 ng
RT: 21.586 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

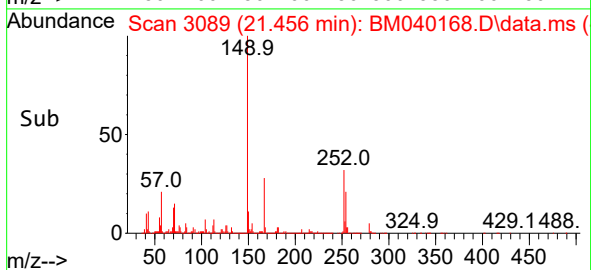
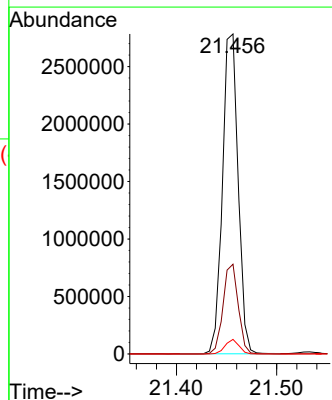
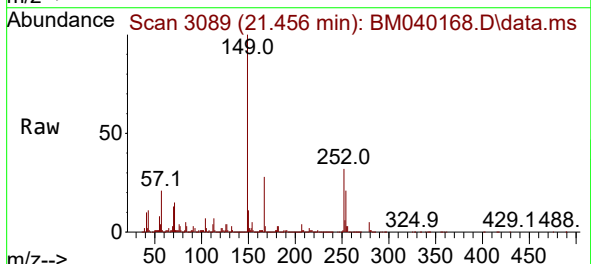
Instrument :
BNA_M
ClientSampleId :
PB153236BS

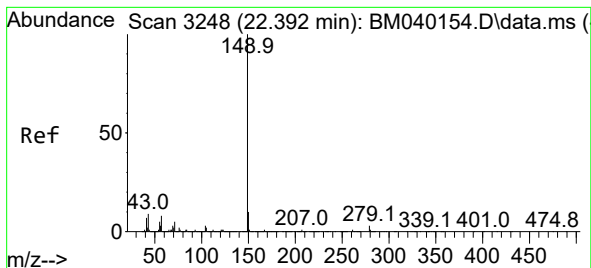
Tgt Ion:228 Resp: 4638855
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 19.9 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.079 ng
RT: 21.456 min Scan# 3089
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:149 Resp: 3014986
Ion Ratio Lower Upper
149 100
167 28.0 21.7 32.5
279 4.6 3.3 4.9

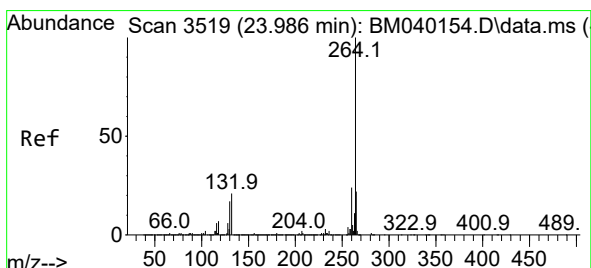
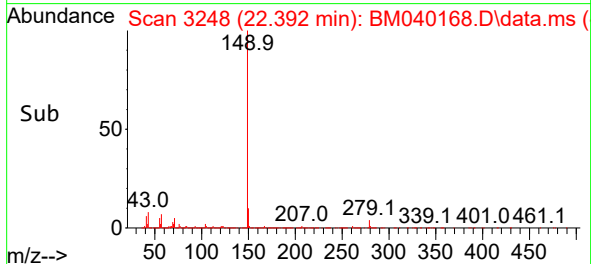
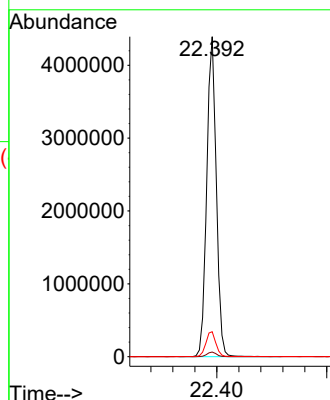
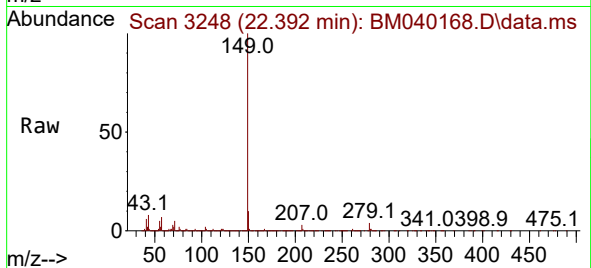




#85
Di-n-octyl phthalate
Concen: 48.603 ng
RT: 22.392 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

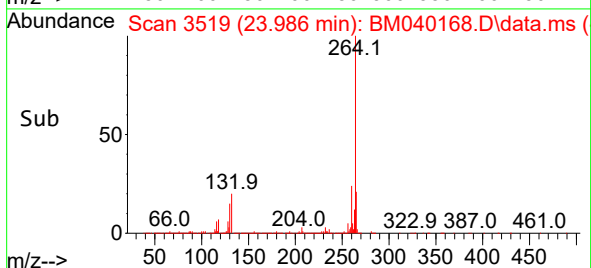
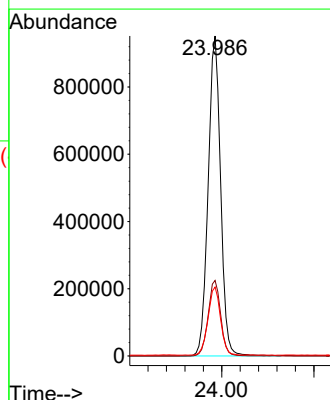
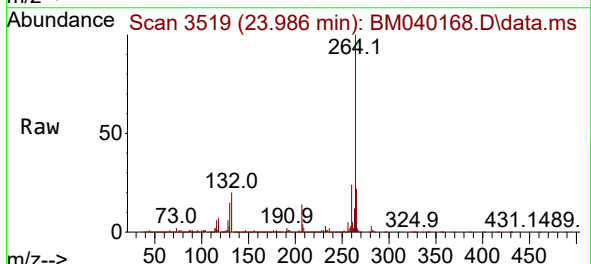
Instrument :
BNA_M
ClientSampleId :
PB153236BS

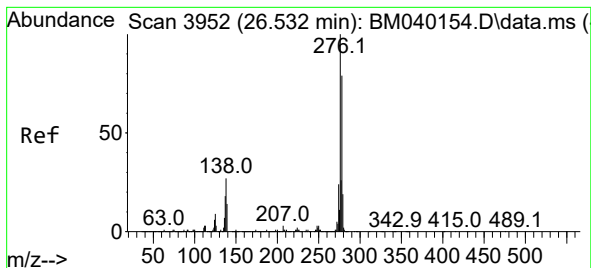
Tgt Ion:149 Resp: 5278697
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 8.2 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.986 min Scan# 3519
Delta R.T. -0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:264 Resp: 1794161
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.6 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.803 ng

RT: 26.532 min Scan# 3952

Delta R.T. 0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Instrument :

BNA_M

ClientSampleId :

PB153236BS

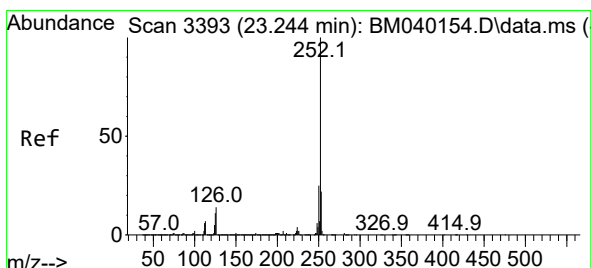
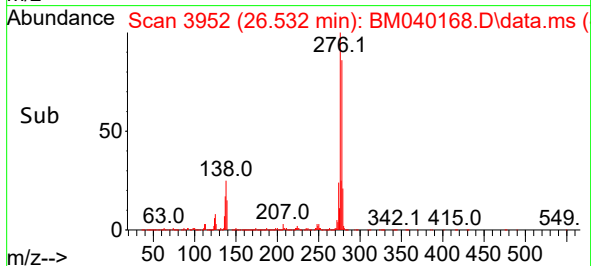
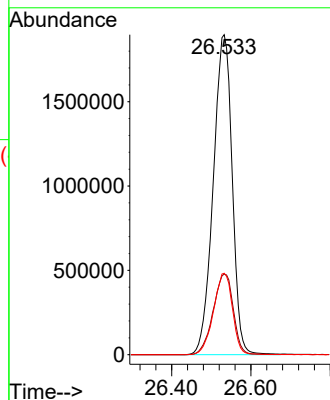
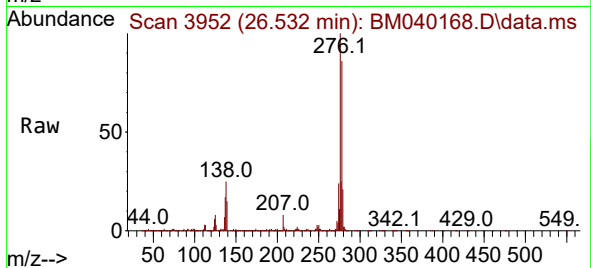
Tgt Ion:276 Resp: 6296319

Ion Ratio Lower Upper

276 100

138 26.9 23.0 34.4

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 47.965 ng

RT: 23.239 min Scan# 3392

Delta R.T. -0.006 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

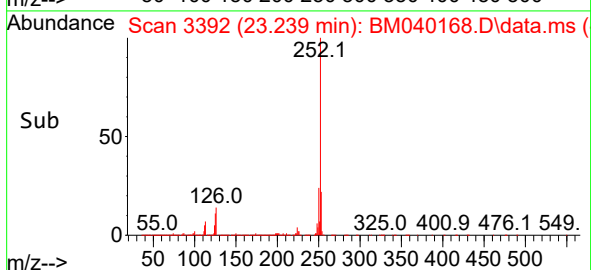
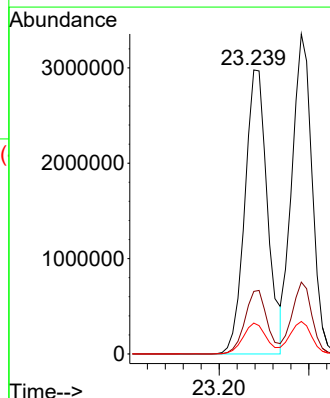
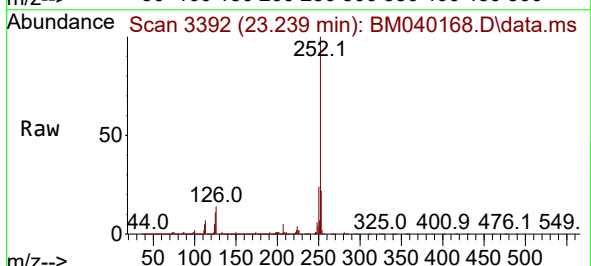
Tgt Ion:252 Resp: 5211912

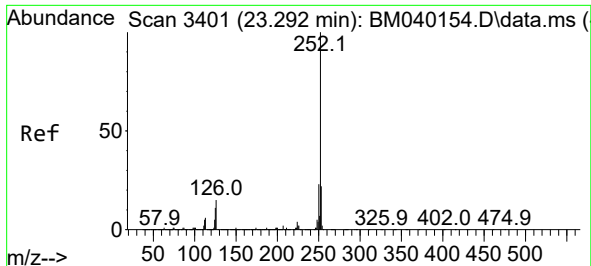
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.9 8.6 13.0

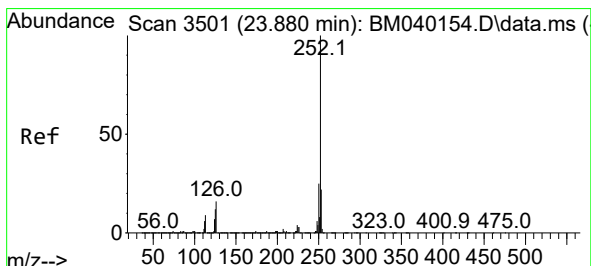
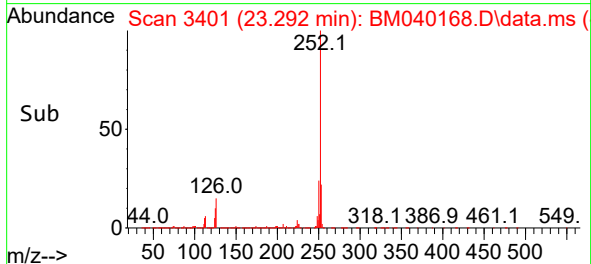
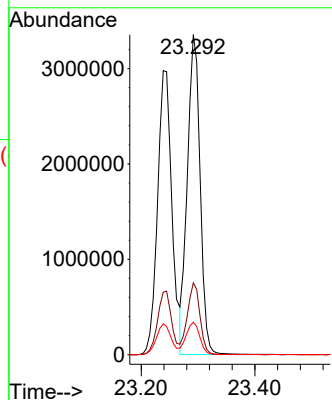
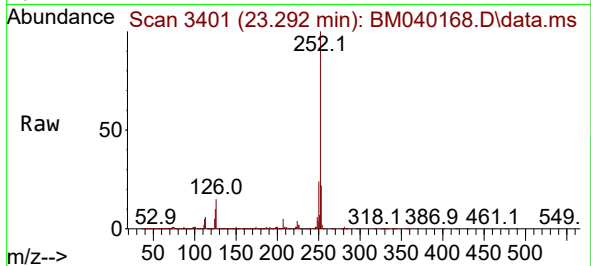




#89
Benzo(k)fluoranthene
Concen: 46.050 ng
RT: 23.292 min Scan# 3401
Delta R.T. -0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

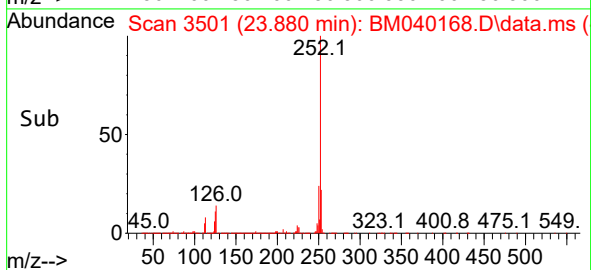
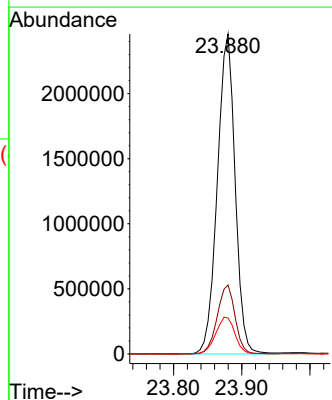
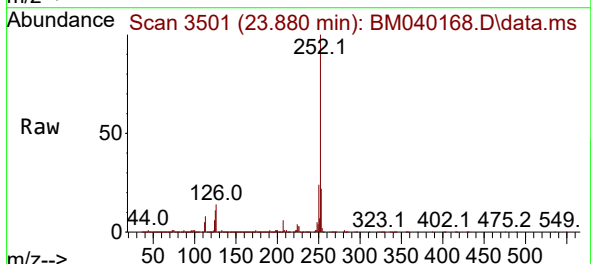
Instrument :
BNA_M
ClientSampleId :
PB153236BS

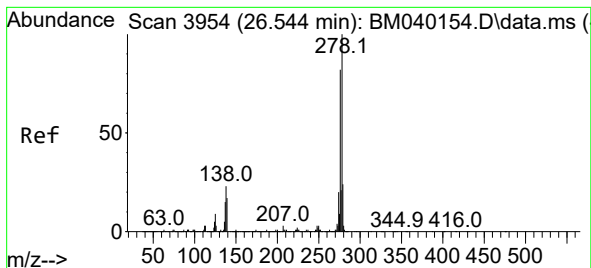
Tgt Ion:252 Resp: 5229772
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.2 9.0 13.4



#90
Benzo(a)pyrene
Concen: 42.978 ng
RT: 23.880 min Scan# 3501
Delta R.T. 0.000 min
Lab File: BM040168.D
Acq: 08 Jun 2023 22:08

Tgt Ion:252 Resp: 4459900
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 11.3 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 47.172 ng

RT: 26.544 min Scan# 3954

Delta R.T. 0.000 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Instrument :

BNA_M

ClientSampleId :

PB153236BS

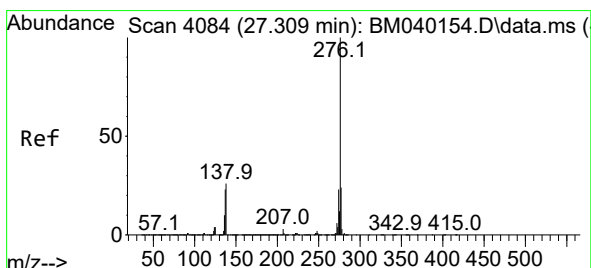
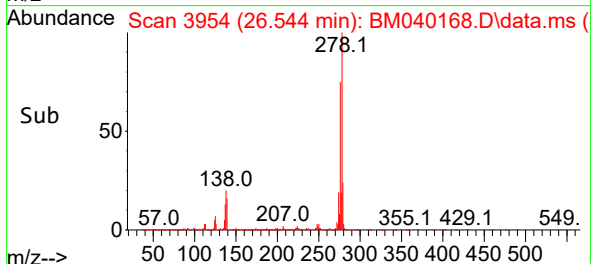
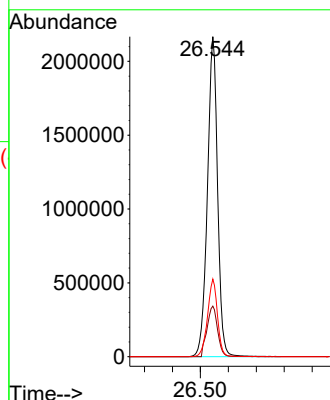
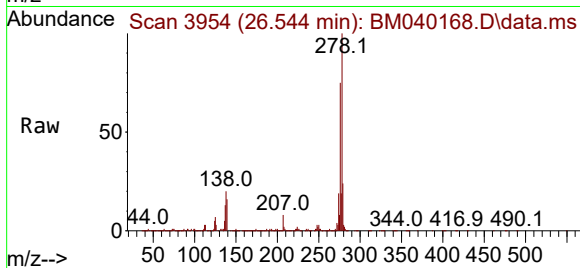
Tgt Ion:278 Resp: 5478190

Ion Ratio Lower Upper

278 100

139 15.8 13.7 20.5

279 24.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 45.266 ng

RT: 27.315 min Scan# 4085

Delta R.T. 0.006 min

Lab File: BM040168.D

Acq: 08 Jun 2023 22:08

Tgt Ion:276 Resp: 4515603

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 23.6 20.7 31.1

