

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
 Data File : BM040160.D
 Acq On : 08 Jun 2023 16:04
 Operator : MA/JU
 Sample : PB153297BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153297BS

Quant Time: Jun 09 02:22:00 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	7.992	152	352320	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1564591	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	947810	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1858018	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1878571	20.000	ng	0.00
86) Perylene-d12	23.985	264	1991913	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	3198318	135.547	ng	0.00
7) Phenol-d6	7.151	99	4003971	124.359	ng	0.00
23) Nitrobenzene-d5	9.163	82	2224154	76.943	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1923203	134.864	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	5599283	78.082	ng	0.00
79) Terphenyl-d14	19.992	244	9697292	95.157	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	276765	29.537	ng	97
3) Pyridine	3.804	79	785445	29.225	ng	96
4) n-Nitrosodimethylamine	3.716	42	389954	35.788	ng	91
6) Aniline	7.316	93	1538965	39.494	ng	97
8) 2-Chlorophenol	7.551	128	1140412	45.711	ng	97
9) Benzaldehyde	7.122	77	541926	31.608	ng	97
10) Phenol	7.181	94	1462525	46.187	ng	97
11) bis(2-Chloroethyl)ether	7.410	93	1034687	40.546	ng	97
12) 1,3-Dichlorobenzene	7.881	146	1085171	43.267	ng	98
13) 1,4-Dichlorobenzene	8.028	146	1120480	43.723	ng	99
14) 1,2-Dichlorobenzene	8.345	146	1091003	43.259	ng	100
15) Benzyl Alcohol	8.233	79	900999	42.403	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1270365	39.049	ng	98
17) 2-Methylphenol	8.433	107	958043	42.462	ng	98
18) Hexachloroethane	9.081	117	395232	43.073	ng	96
19) n-Nitroso-di-n-propyla...	8.804	70	756724	38.684	ng	97
20) 3+4-Methylphenols	8.763	107	1295464	42.058	ng	98
22) Acetophenone	8.822	105	1656265	40.536	ng	# 97
24) Nitrobenzene	9.204	77	1141716	38.372	ng	94
25) Isophorone	9.733	82	2115821	38.761	ng	97
26) 2-Nitrophenol	9.916	139	555036	44.894	ng	94
27) 2,4-Dimethylphenol	9.975	122	1098815	45.426	ng	97
28) bis(2-Chloroethoxy)met...	10.216	93	1403881	39.838	ng	99
29) 2,4-Dichlorophenol	10.451	162	1026856	46.283	ng	98
30) 1,2,4-Trichlorobenzene	10.669	180	967498	43.050	ng	99
31) Naphthalene	10.857	128	3407028	40.429	ng	100
32) Benzoic acid	10.122	122	705373	39.520	ng	95
33) 4-Chloroaniline	10.963	127	1034203	27.555	ng	97
34) Hexachlorobutadiene	11.139	225	490920	41.644	ng	98
35) Caprolactam	11.757	113	171744	22.541	ng	91
36) 4-Chloro-3-methylphenol	12.086	107	1116778	43.346	ng	95
37) 2-Methylnaphthalene	12.463	142	2298281	39.438	ng	99
38) 1-Methylnaphthalene	12.680	142	2172079	39.524	ng	98
40) 1,2,4,5-Tetrachloroben...	12.827	216	1056560	42.048	ng	99
41) Hexachlorocyclopentadiene	12.810	237	1444548	110.249	ng	99
43) 2,4,6-Trichlorophenol	13.063	196	748719	43.442	ng	99

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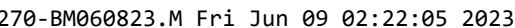
Instrument :
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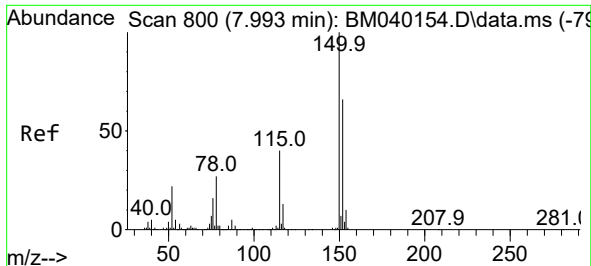
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	834497	40.112	ng	98
46) 1,1'-Biphenyl	13.468	154	3118680	41.036	ng	99
47) 2-Chloronaphthalene	13.510	162	2409554	42.678	ng	98
48) 2-Nitroaniline	13.710	65	687875	40.635	ng	92
49) Acenaphthylene	14.351	152	3907380	41.742	ng	99
50) Dimethylphthalate	14.086	163	2969803	40.173	ng	99
51) 2,6-Dinitrotoluene	14.204	165	636275	42.945	ng	94
52) Acenaphthene	14.692	154	2368957	41.031	ng	99
53) 3-Nitroaniline	14.533	138	614361	33.236	ng	93
54) 2,4-Dinitrophenol	14.739	184	744928	79.071	ng	# 87
55) Dibenzofuran	15.027	168	3702695	40.997	ng	97
56) 4-Nitrophenol	14.839	139	1402864	93.703	ng	93
57) 2,4-Dinitrotoluene	14.992	165	899578	45.496	ng	87
58) Fluorene	15.674	166	3114617	41.199	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.251	232	736208	45.258	ng	95
60) Diethylphthalate	15.451	149	3066903	40.889	ng	98
61) 4-Chlorophenyl-phenyle...	15.668	204	1470955	41.627	ng	97
62) 4-Nitroaniline	15.698	138	819774	41.632	ng	95
63) Azobenzene	15.962	77	2834310	38.866	ng	95
65) 4,6-Dinitro-2-methylph...	15.751	198	462297	44.359	ng	92
66) n-Nitrosodiphenylamine	15.886	169	2655264	43.632	ng	99
67) 4-Bromophenyl-phenylether	16.562	248	803281	43.046	ng	96
68) Hexachlorobenzene	16.674	284	990781	46.294	ng	96
69) Atrazine	16.833	200	863871	51.941	ng	97
70) Pentachlorophenol	17.021	266	1374416	87.484	ng	99
71) Phenanthrene	17.415	178	4664595	43.087	ng	100
72) Anthracene	17.503	178	4750840	43.988	ng	99
73) Carbazole	17.774	167	4542036	44.090	ng	100
74) Di-n-butylphthalate	18.339	149	5039104	43.615	ng	99
75) Fluoranthene	19.427	202	4925410	42.873	ng	99
77) Benzidine	19.609	184	3628926	102.860	ng	99
78) Pyrene	19.786	202	5415991	43.236	ng	99
80) Butylbenzylphthalate	20.680	149	2259951	44.635	ng	94
81) Benzo(a)anthracene	21.533	228	5679172	44.333	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	1738616	40.837	ng	99
83) Chrysene	21.591	228	5195980	42.817	ng	100
84) Bis(2-ethylhexyl)phtha...	21.456	149	3403333	45.517	ng	97
85) Di-n-octyl phthalate	22.391	149	5907521	48.654	ng	98
87) Indeno(1,2,3-cd)pyrene	26.538	276	6831224	45.738	ng	97
88) Benzo(b)fluoranthene	23.244	252	5664497	46.954	ng	99
89) Benzo(k)fluoranthene	23.297	252	5922494	46.972	ng	99
90) Benzo(a)pyrene	23.880	252	4898724	42.520	ng	99
91) Dibenzo(a,h)anthracene	26.550	278	5945475	46.113	ng	98
92) Benzo(g,h,i)perylene	27.315	276	4849727	43.789	ng	98

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

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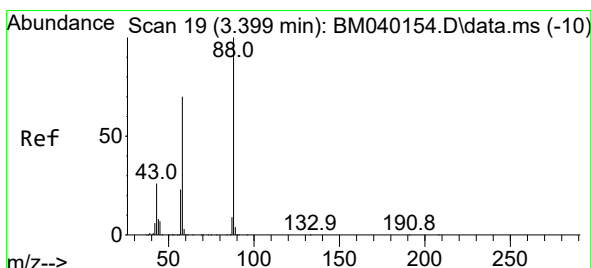
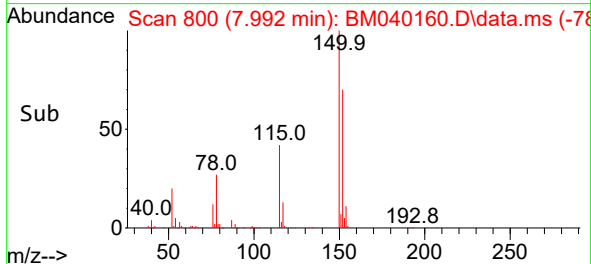
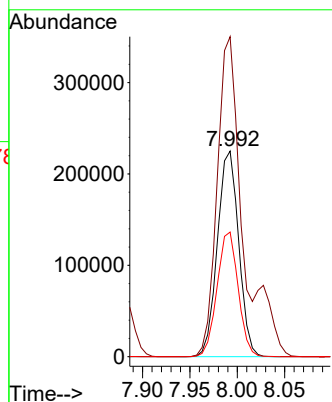
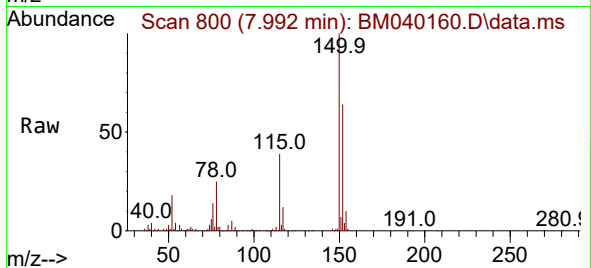




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 80
Delta R.T. -0.001 min
Lab File: BM040160.D
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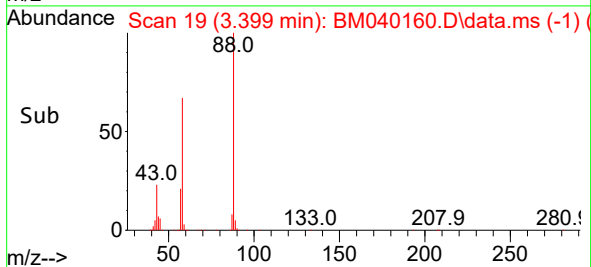
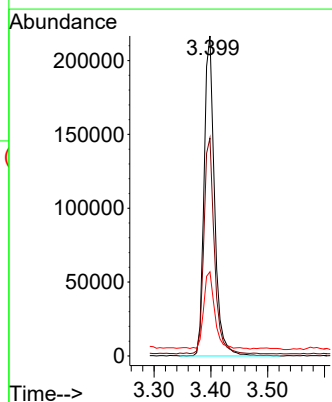
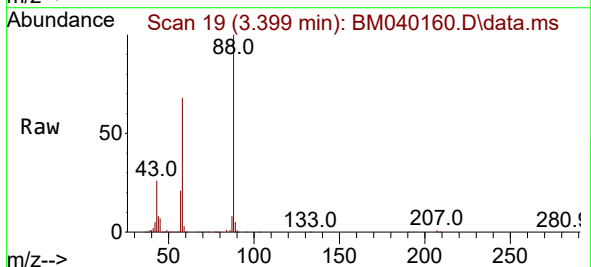
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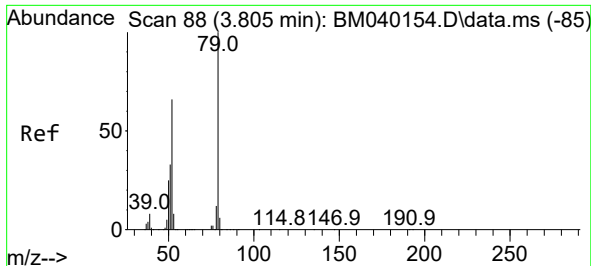
Tgt Ion:152 Resp: 352320
Ion Ratio Lower Upper
152 100
150 155.6 121.4 182.0
115 60.6 48.2 72.4



#2
1,4-Dioxane
Concen: 29.537 ng
RT: 3.399 min Scan# 19
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion: 88 Resp: 276765
Ion Ratio Lower Upper
88 100
58 67.6 56.4 84.6
43 25.4 21.2 31.8

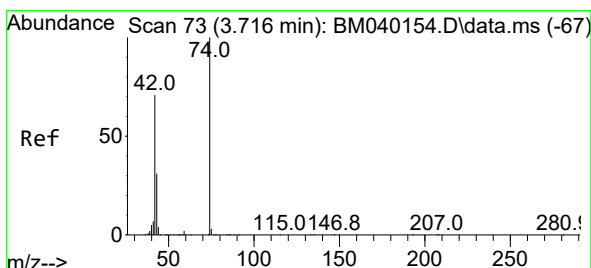
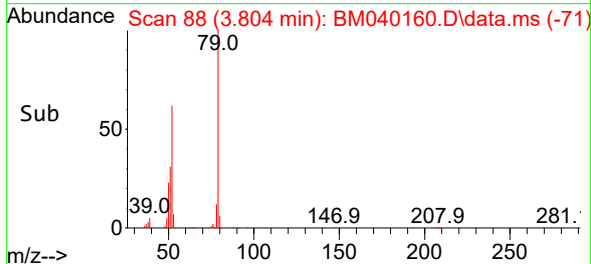
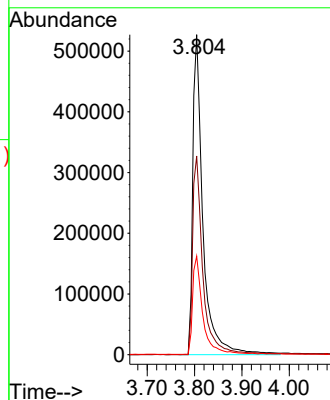
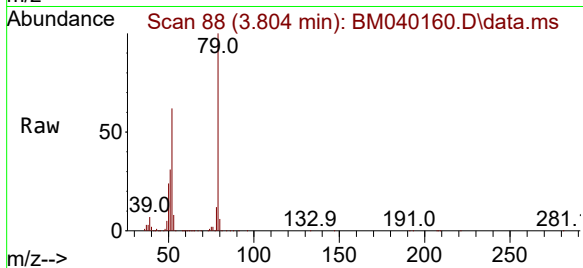




#3
Pyridine
Concen: 29.225 ng
RT: 3.804 min Scan# 88
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

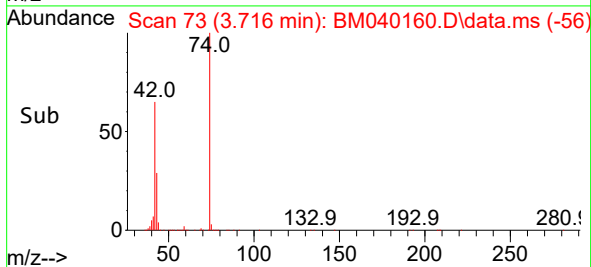
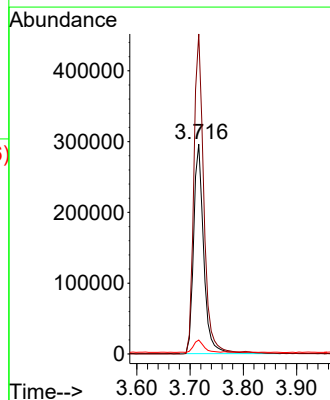
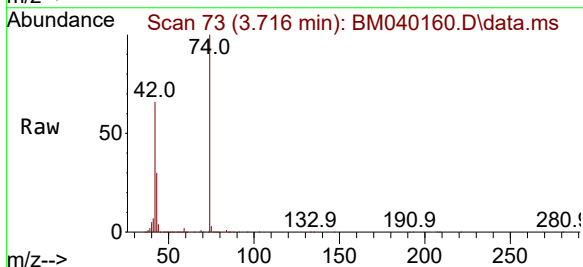
Instrument :
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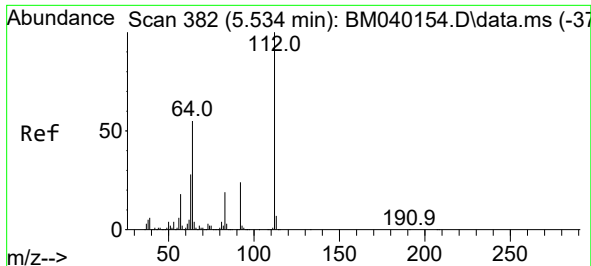
Tgt Ion: 79 Resp: 785445
Ion Ratio Lower Upper
79 100
52 62.1 52.8 79.2
51 30.8 26.2 39.4



#4
n-Nitrosodimethylamine
Concen: 35.788 ng
RT: 3.716 min Scan# 73
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion: 42 Resp: 389954
Ion Ratio Lower Upper
42 100
74 152.5 113.0 169.4
44 6.6 5.8 8.6

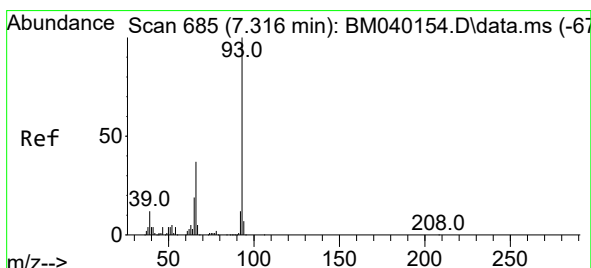
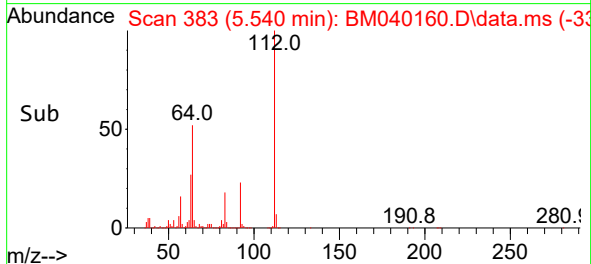
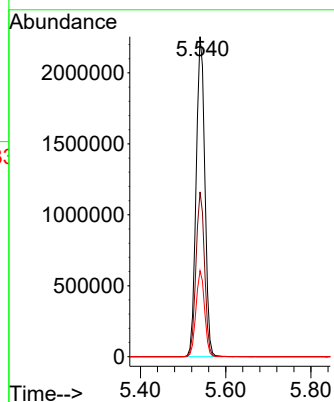
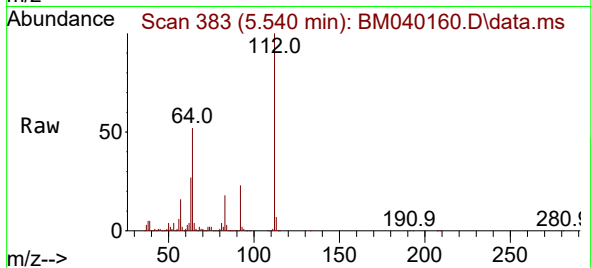




#5
2-Fluorophenol
Concen: 135.547 ng
RT: 5.540 min Scan# 382
Delta R.T. 0.006 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

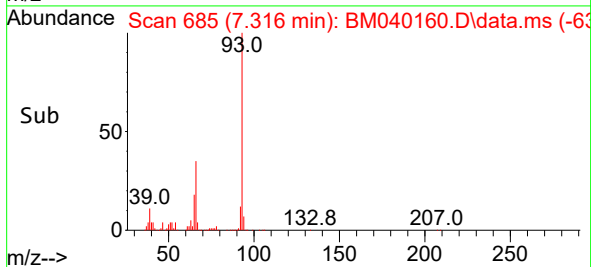
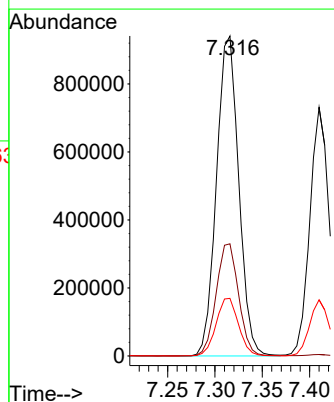
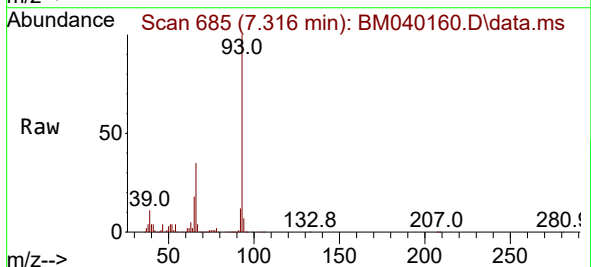
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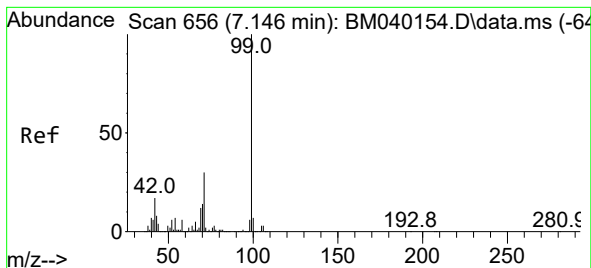
Tgt Ion:112 Resp: 3198318
Ion Ratio Lower Upper
112 100
64 51.5 43.8 65.6
63 26.8 22.8 34.2



#6
Aniline
Concen: 39.494 ng
RT: 7.316 min Scan# 685
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion: 93 Resp: 1538965
Ion Ratio Lower Upper
93 100
66 35.0 29.4 44.0
65 18.0 15.3 22.9





#7

Phenol-d6

Concen: 124.359 ng

RT: 7.151 min Scan# 6

Delta R.T. 0.006 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

PB153297BS

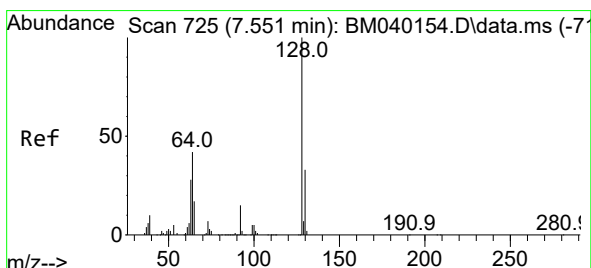
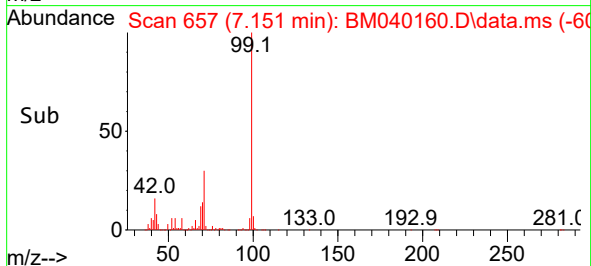
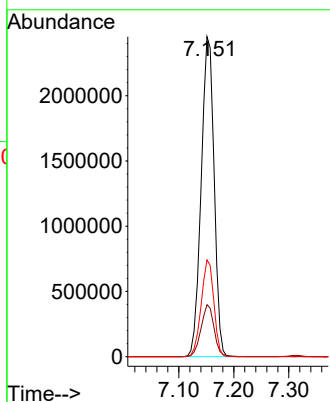
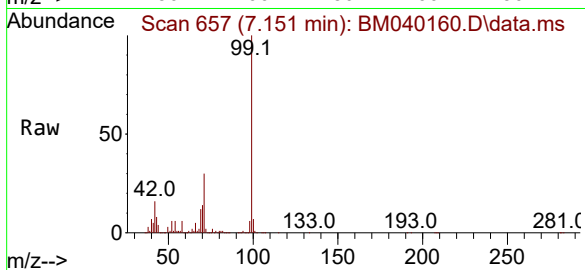
Tgt Ion: 99 Resp: 4003971

Ion Ratio Lower Upper

99 100

42 16.3 13.4 20.2

71 30.3 24.3 36.5



#8

2-Chlorophenol

Concen: 45.711 ng

RT: 7.551 min Scan# 725

Delta R.T. -0.000 min

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Acq: 08 Jun 2023 16:04

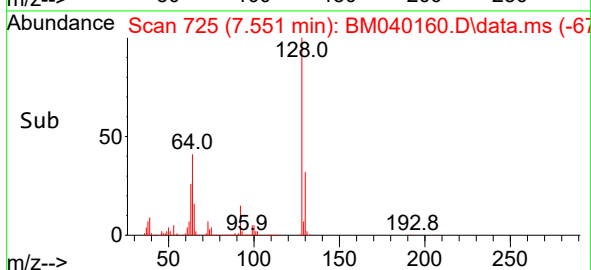
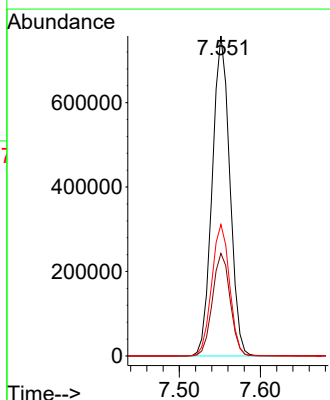
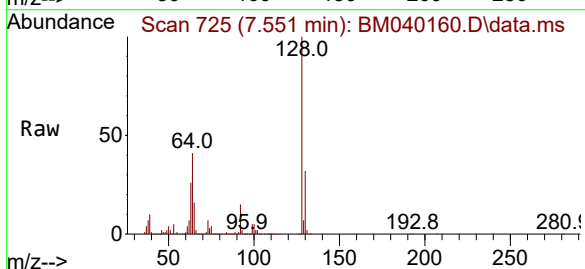
Tgt Ion:128 Resp: 1140412

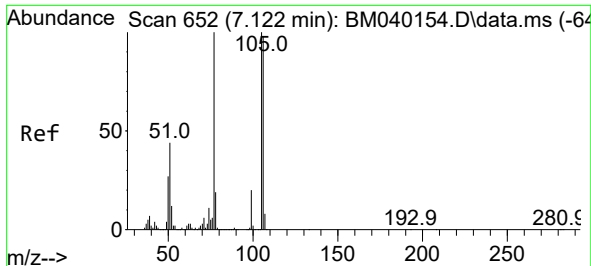
Ion Ratio Lower Upper

128 100

130 32.0 12.6 52.6

64 41.1 23.8 63.8

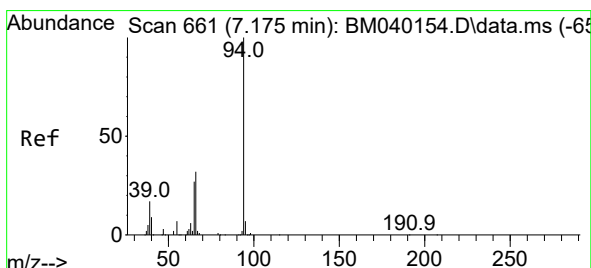
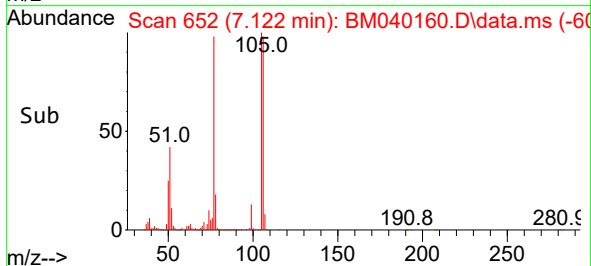
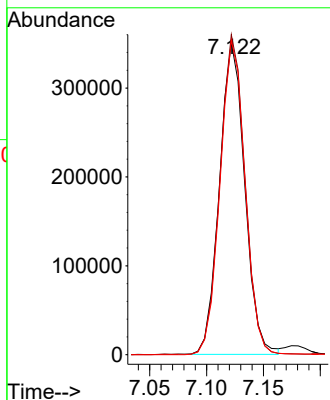
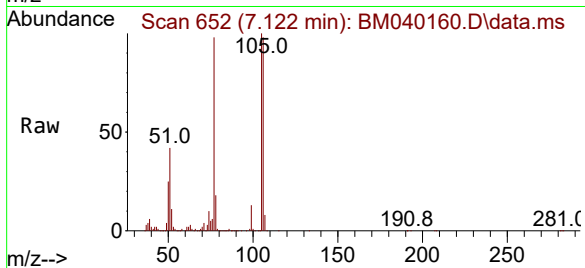




#9
Benzaldehyde
Concen: 31.608 ng
RT: 7.122 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

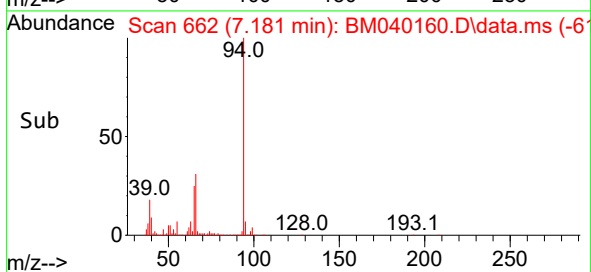
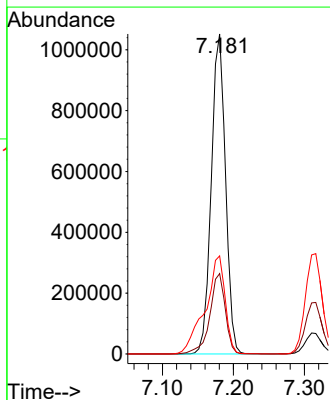
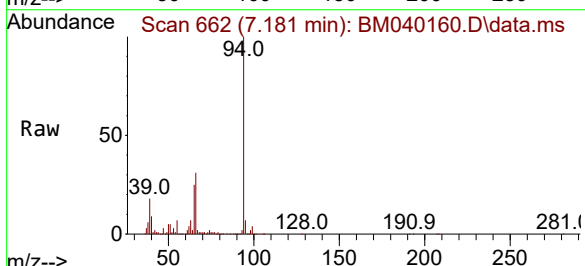
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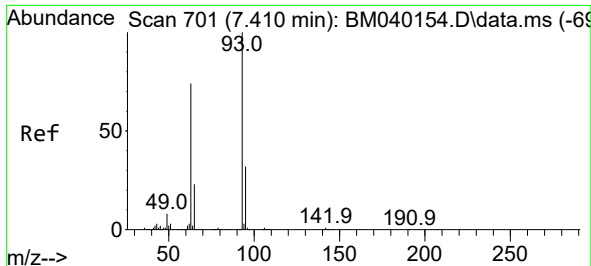
Tgt Ion: 77 Resp: 541926
Ion Ratio Lower Upper
77 100
105 102.3 79.8 119.8
106 100.6 77.4 117.4



#10
Phenol
Concen: 46.187 ng
RT: 7.181 min Scan# 662
Delta R.T. 0.006 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion: 94 Resp: 1462525
Ion Ratio Lower Upper
94 100
65 25.1 6.9 46.9
66 30.6 12.5 52.5

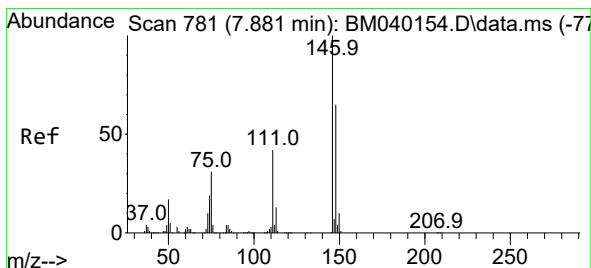
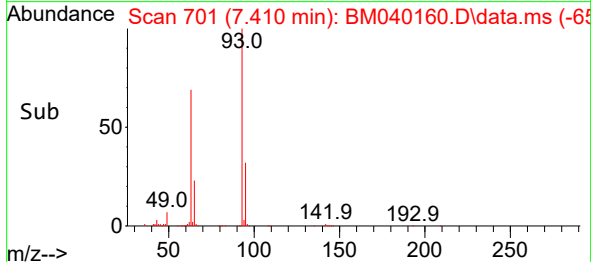
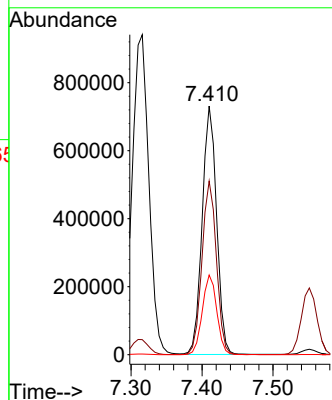
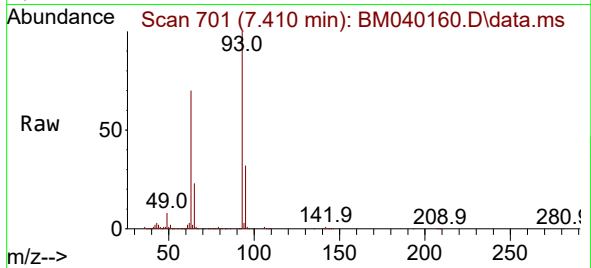




#11
bis(2-Chloroethyl)ether
Concen: 40.546 ng
RT: 7.410 min Scan# 701
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

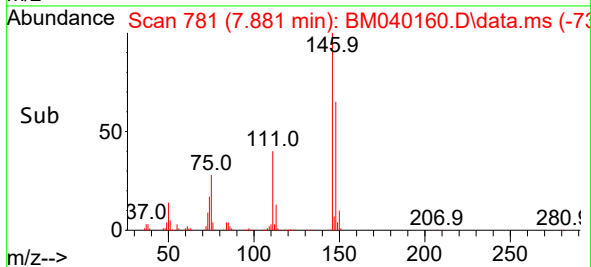
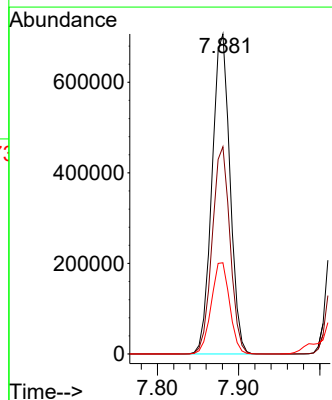
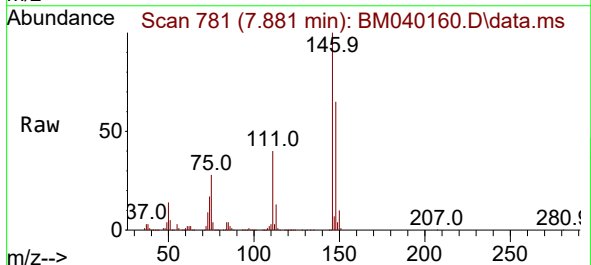
Instrument :
BNA_M
ClientSampleId :
PB153297BS

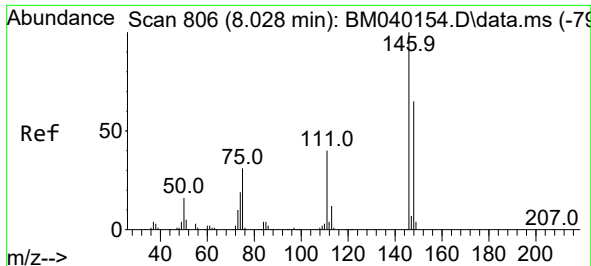
Tgt Ion: 93 Resp: 1034687
Ion Ratio Lower Upper
93 100
63 69.8 53.6 93.6
95 32.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 43.267 ng
RT: 7.881 min Scan# 781
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:146 Resp: 1085171
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
75 28.5 24.8 37.2

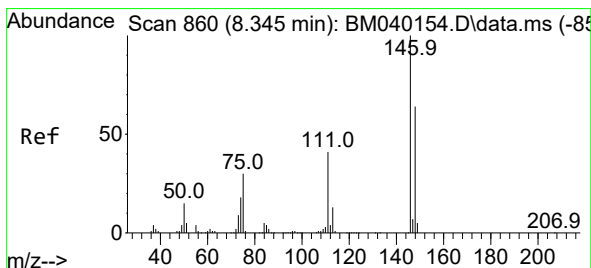
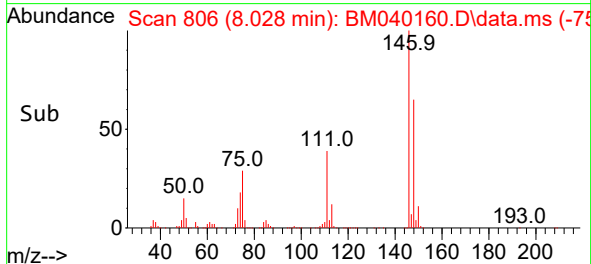
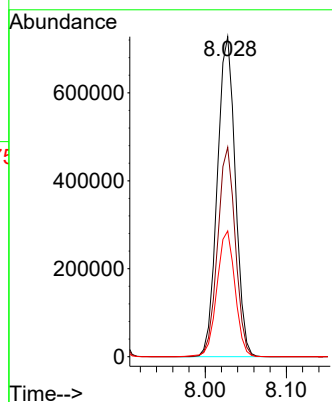
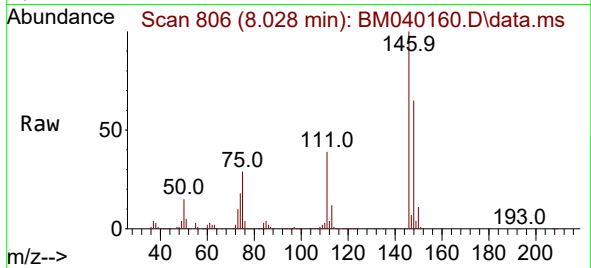




#13
1,4-Dichlorobenzene
Concen: 43.723 ng
RT: 8.028 min Scan# 806
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

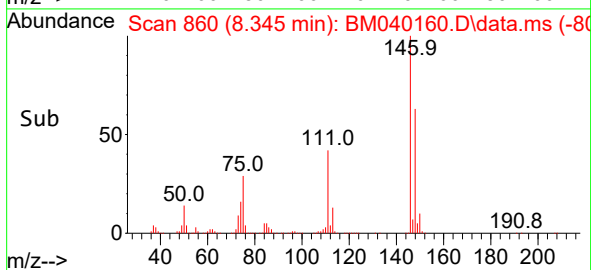
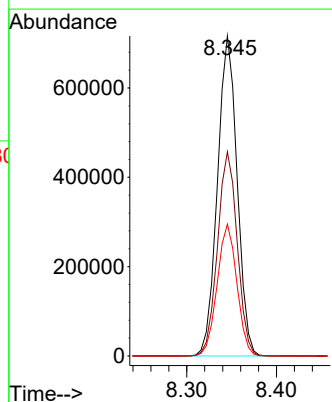
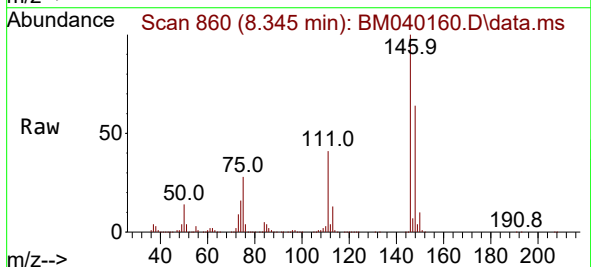
Instrument :
BNA_M
ClientSampleId :
PB153297BS

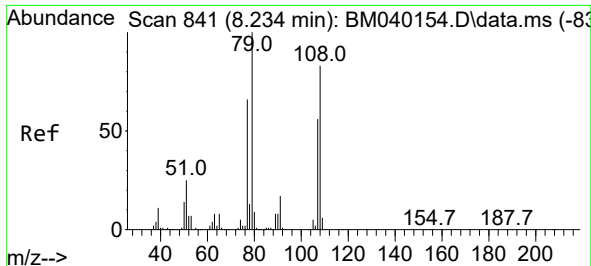
Tgt Ion:146 Resp: 1120480
Ion Ratio Lower Upper
146 100
148 65.4 52.1 78.1
111 39.3 31.9 47.9



#14
1,2-Dichlorobenzene
Concen: 43.259 ng
RT: 8.345 min Scan# 860
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:146 Resp: 1091003
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
111 41.2 33.4 50.0

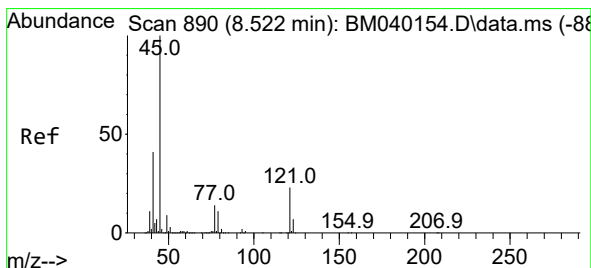
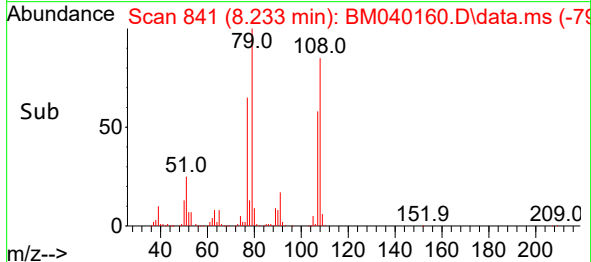
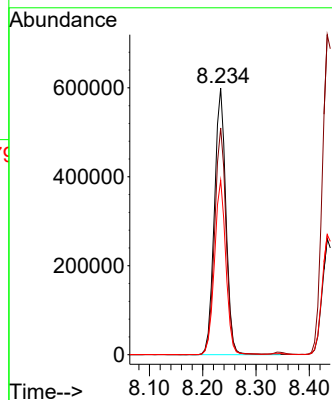
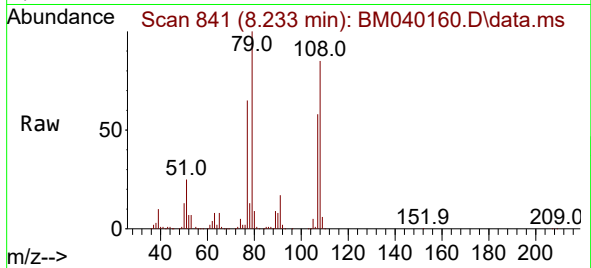




#15
Benzyl Alcohol
Concen: 42.403 ng
RT: 8.233 min Scan# 841
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

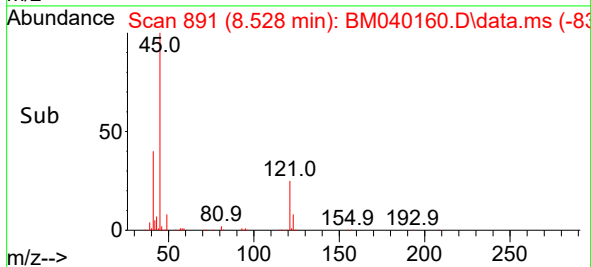
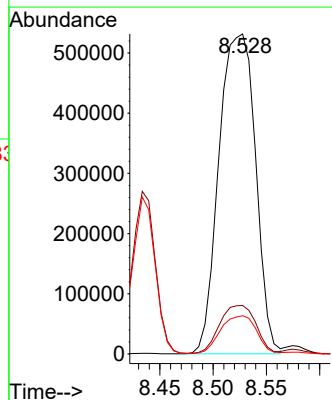
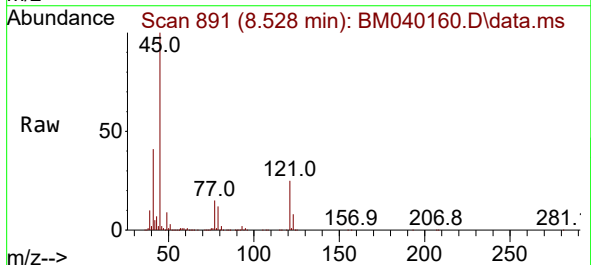
Instrument :
BNA_M
ClientSampleId :
PB153297BS

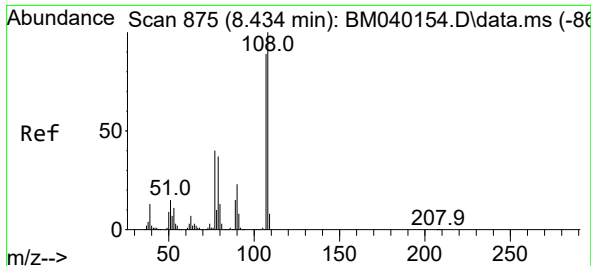
Tgt Ion: 79 Resp: 900999
Ion Ratio Lower Upper
79 100
108 85.1 66.4 99.6
77 65.4 52.6 78.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.049 ng
RT: 8.528 min Scan# 891
Delta R.T. 0.006 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion: 45 Resp: 1270365
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.3
79 12.0 0.0 31.2

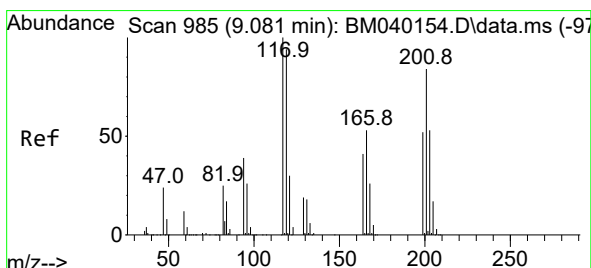
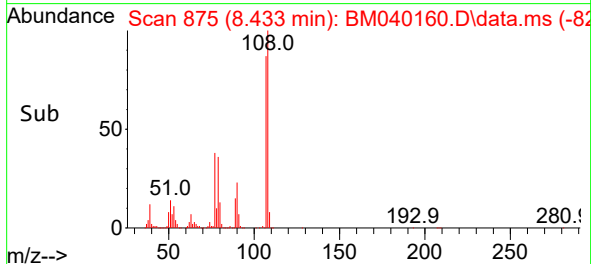
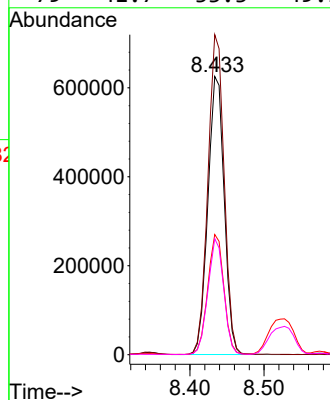
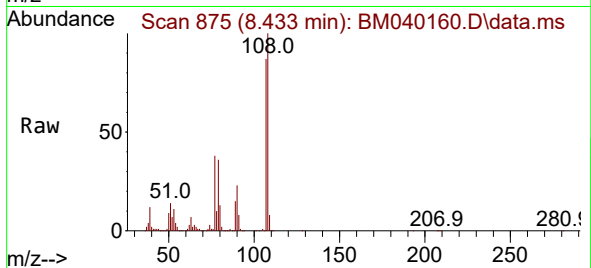




#17
2-Methylphenol
Concen: 42.462 ng
RT: 8.433 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

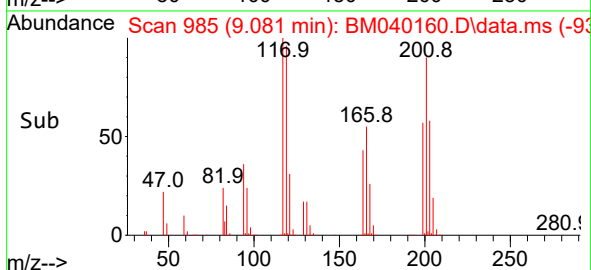
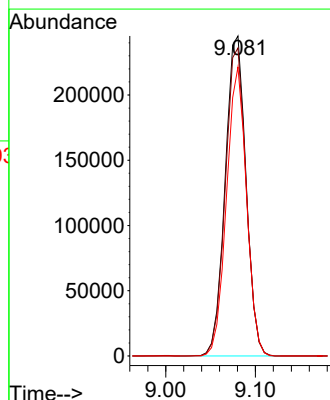
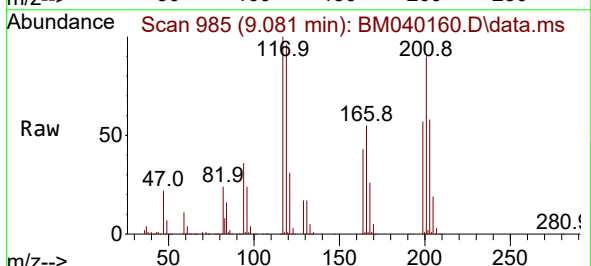
Instrument :
BNA_M
ClientSampleId :
PB153297BS

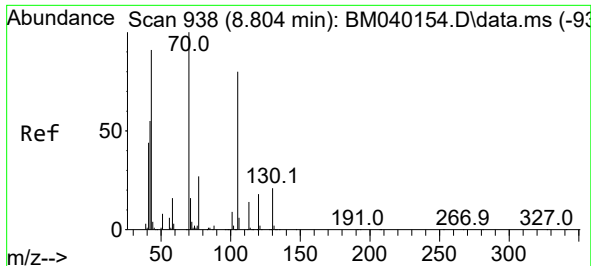
Tgt Ion:107 Resp: 958043
Ion Ratio Lower Upper
107 100
108 115.0 90.1 135.1
77 43.2 35.8 53.8
79 41.7 33.3 49.9



#18
Hexachloroethane
Concen: 43.073 ng
RT: 9.081 min Scan# 985
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:117 Resp: 395232
Ion Ratio Lower Upper
117 100
119 96.3 75.6 113.4
201 90.3 66.9 100.3





#19

n-Nitroso-di-n-propylamine

Concen: 38.684 ng

RT: 8.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

PB153297BS

Tgt Ion: 70 Resp: 756724

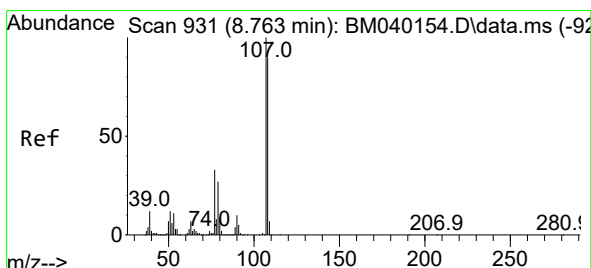
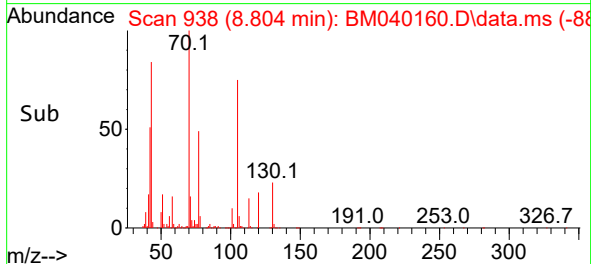
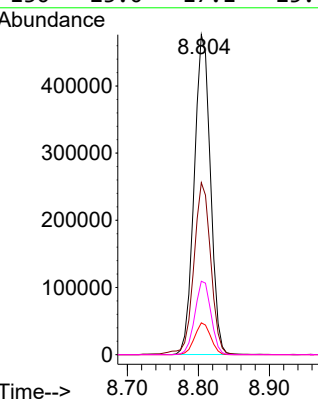
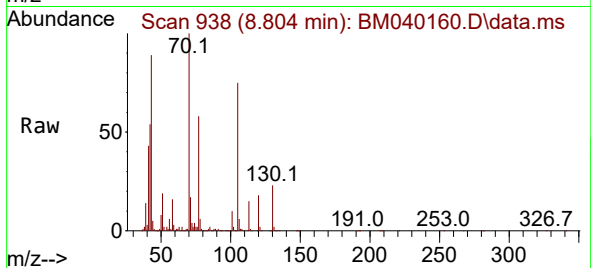
Ion Ratio Lower Upper

70 100

42 53.8 44.8 67.2

101 10.0 7.5 11.3

130 23.0 17.1 25.7



#20

3+4-Methylphenols

Concen: 42.058 ng

RT: 8.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Tgt Ion: 107 Resp: 1295464

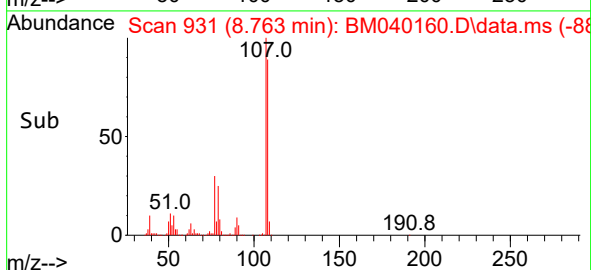
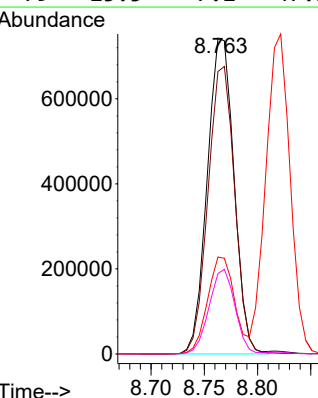
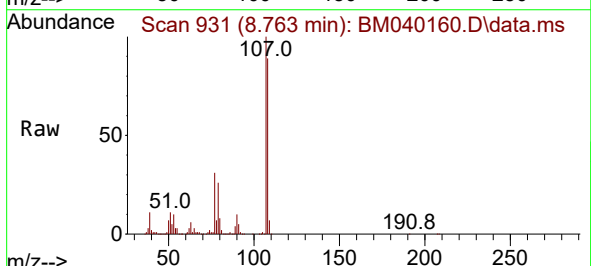
Ion Ratio Lower Upper

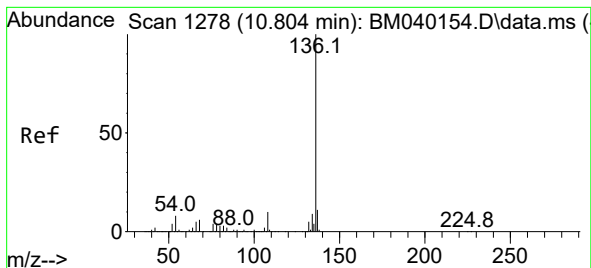
107 100

108 89.4 69.8 109.8

77 30.7 13.0 53.0

79 25.5 7.2 47.2

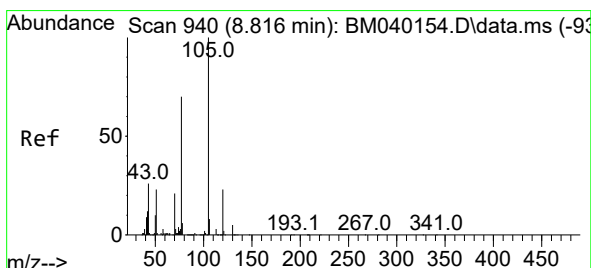
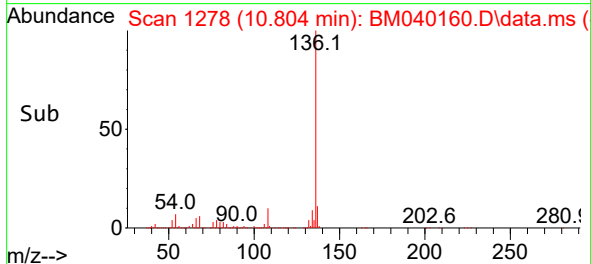
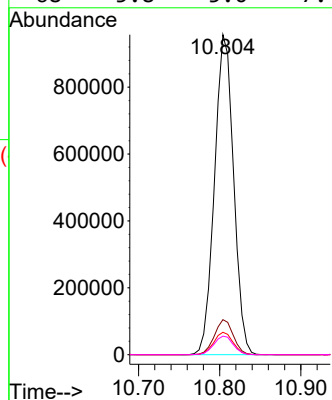
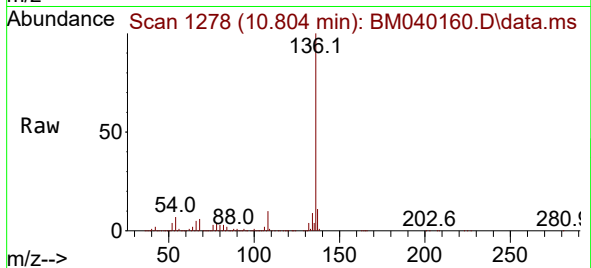




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

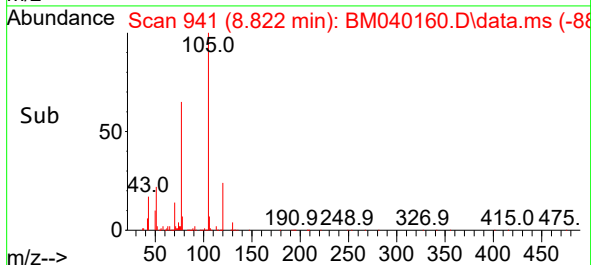
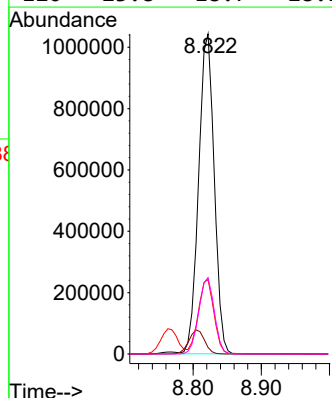
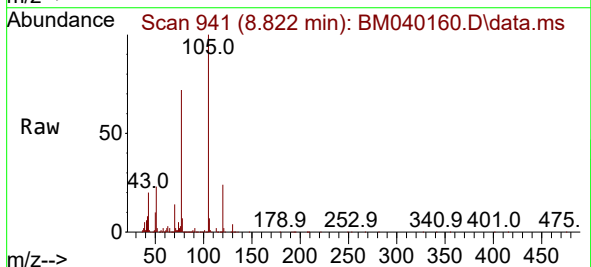
Instrument :
BNA_M
ClientSampleId :
PB153297BS

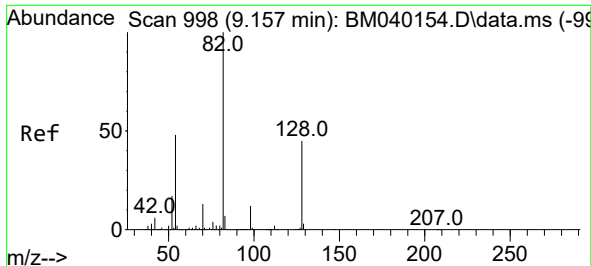
Tgt Ion:136 Resp: 1564591
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.0 6.2 9.4
68 5.8 5.0 7.4



#22
Acetophenone
Concen: 40.536 ng
RT: 8.822 min Scan# 941
Delta R.T. 0.006 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:105 Resp: 1656265
Ion Ratio Lower Upper
105 100
71 2.1 3.0 4.6#
51 23.2 20.6 31.0
120 23.8 18.7 28.1

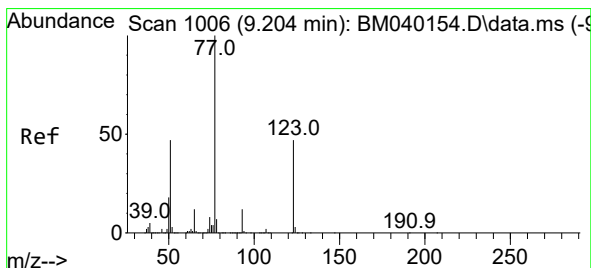
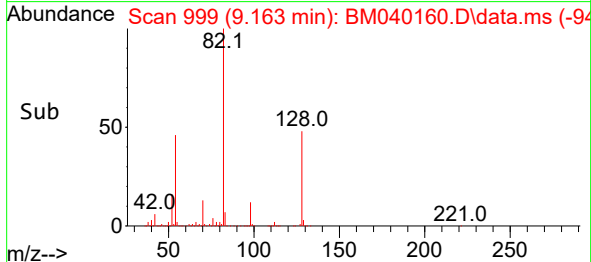
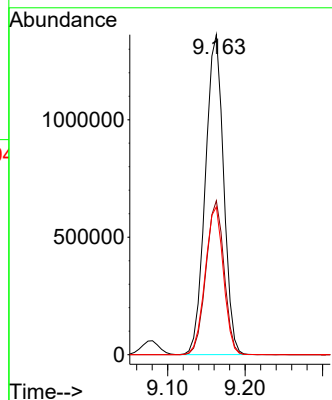
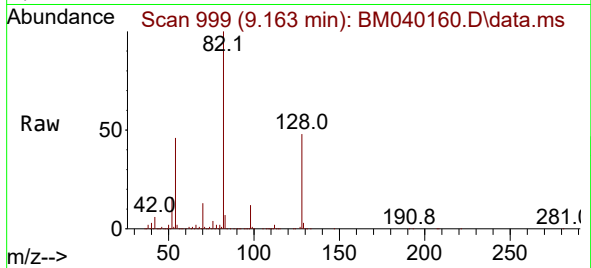




#23
Nitrobenzene-d5
Concen: 76.943 ng
RT: 9.163 min Scan# 999
Delta R.T. 0.006 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

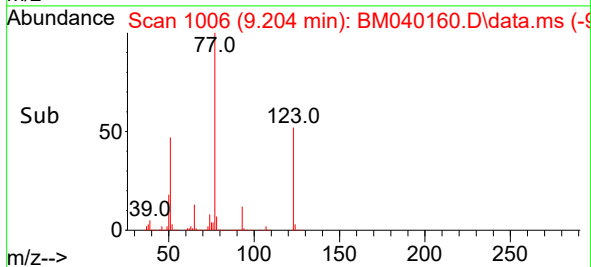
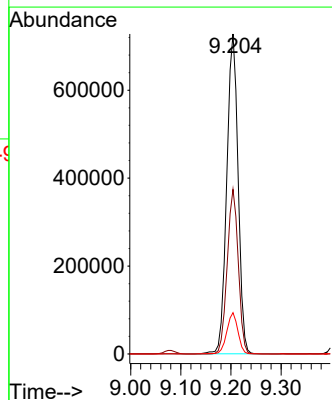
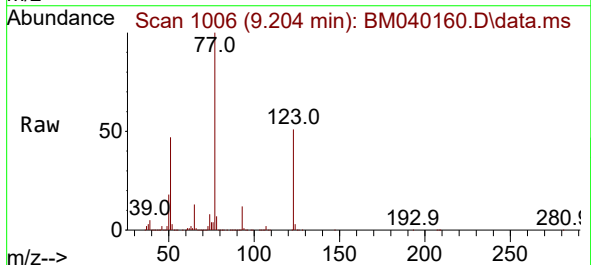
Instrument :
BNA_M
ClientSampleId :
PB153297BS

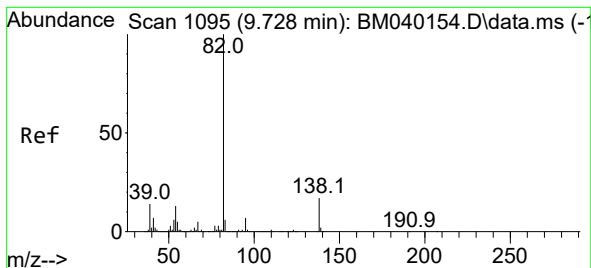
Tgt Ion: 82 Resp: 2224154
Ion Ratio Lower Upper
82 100
128 48.1 36.0 54.0
54 46.2 38.5 57.7



#24
Nitrobenzene
Concen: 38.372 ng
RT: 9.204 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion: 77 Resp: 1141716
Ion Ratio Lower Upper
77 100
123 51.5 37.5 56.3
65 12.9 10.0 15.0





#25

Isophorone

Concen: 38.761 ng

RT: 9.733 min Scan# 1095

Delta R.T. 0.006 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

PB153297BS

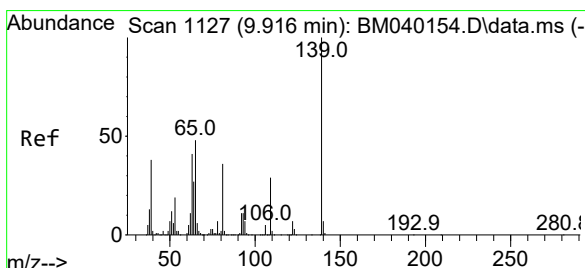
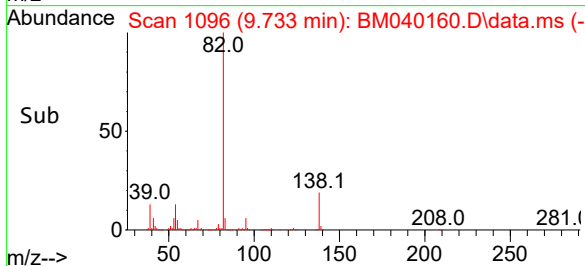
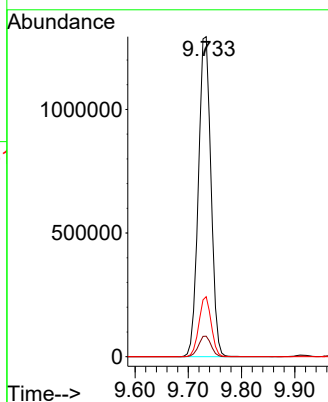
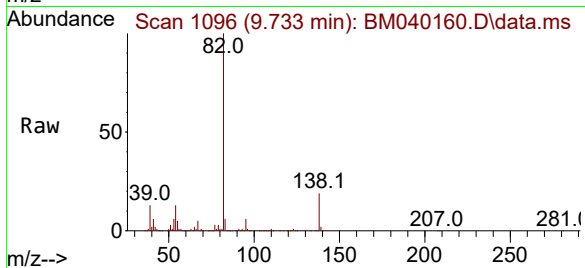
Tgt Ion: 82 Resp: 2115821

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 18.8 13.6 20.4



#26

2-Nitrophenol

Concen: 44.894 ng

RT: 9.916 min Scan# 1127

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

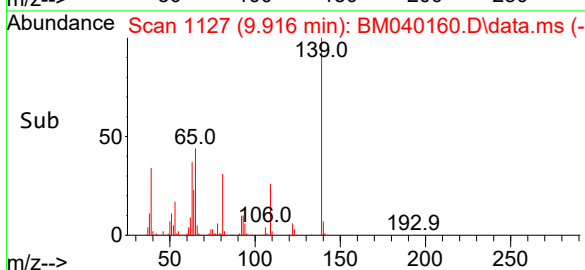
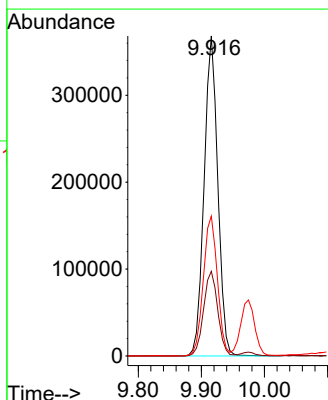
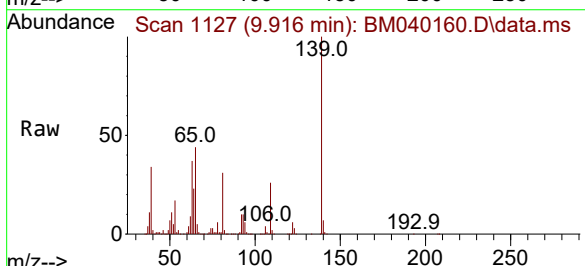
Tgt Ion:139 Resp: 555036

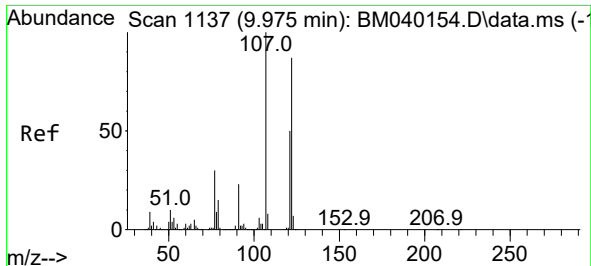
Ion Ratio Lower Upper

139 100

109 26.4 23.2 34.8

65 43.7 38.4 57.6

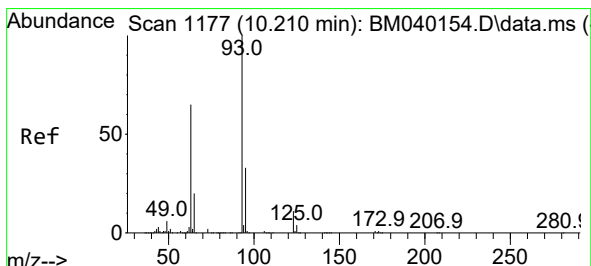
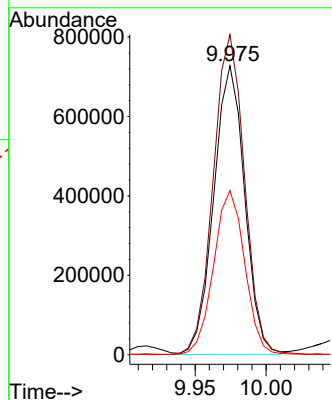
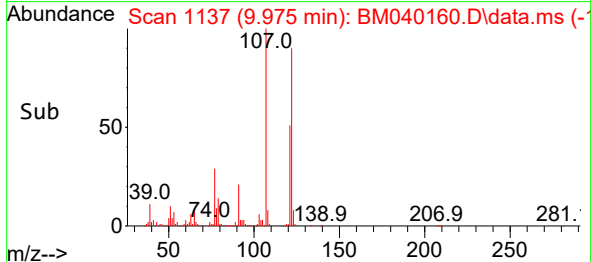
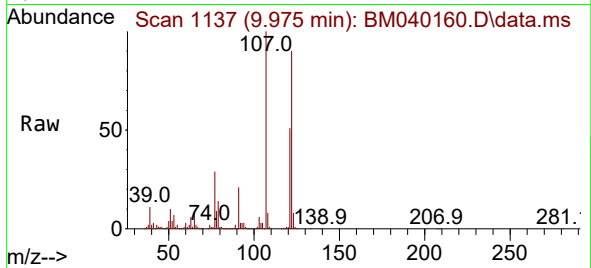




#27
2,4-Dimethylphenol
Concen: 45.426 ng
RT: 9.975 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

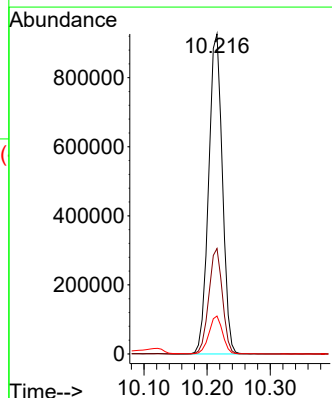
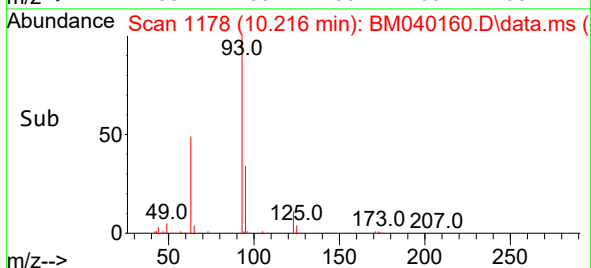
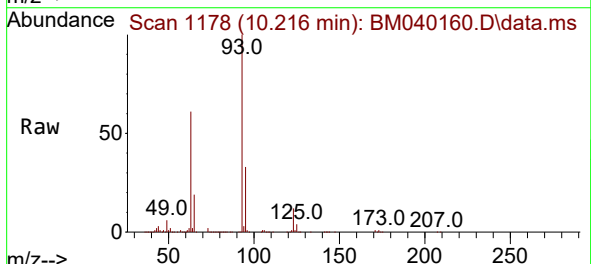
Instrument :
BNA_M
ClientSampleId :
PB153297BS

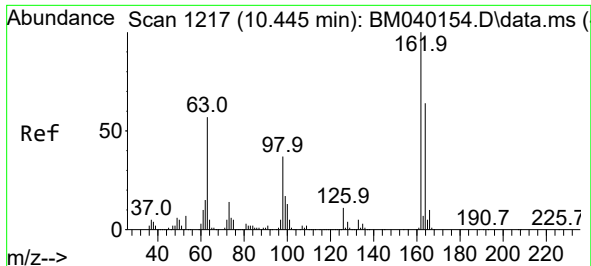
Tgt Ion:122 Resp: 1098815
Ion Ratio Lower Upper
122 100
107 110.7 92.0 138.0
121 56.8 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 39.838 ng
RT: 10.216 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion: 93 Resp: 1403881
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.8 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 46.283 ng

RT: 10.451 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

PB153297BS

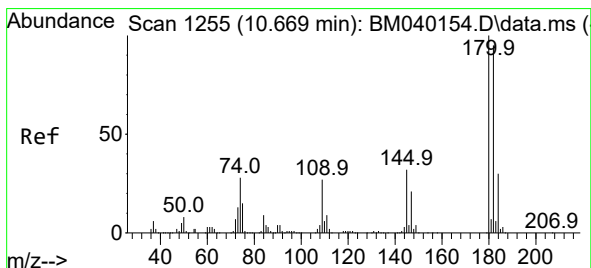
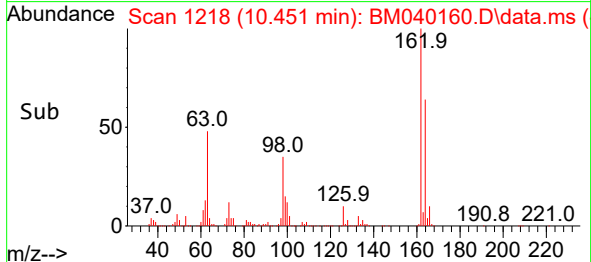
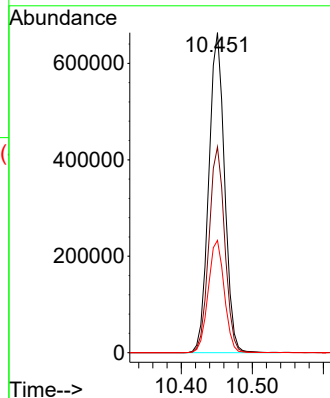
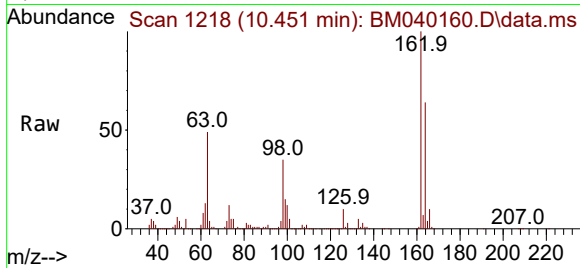
Tgt Ion:162 Resp: 1026856

Ion Ratio Lower Upper

162 100

164 64.3 44.0 84.0

98 35.1 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 43.050 ng

RT: 10.669 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

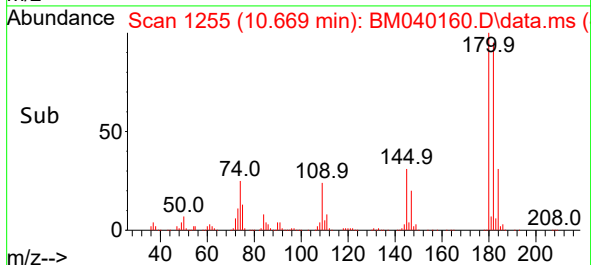
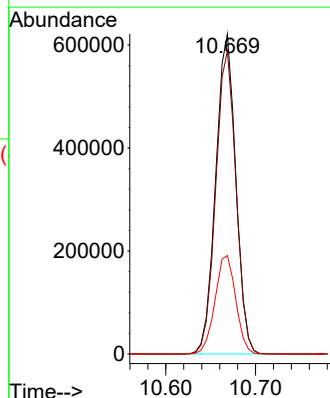
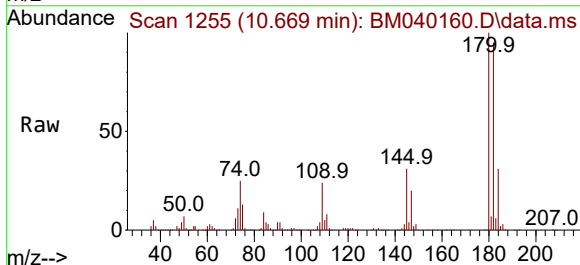
Tgt Ion:180 Resp: 967498

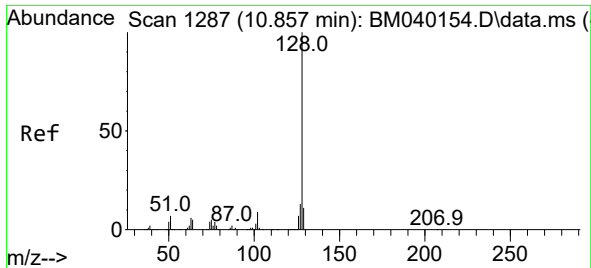
Ion Ratio Lower Upper

180 100

182 94.7 76.1 114.1

145 30.7 25.5 38.3

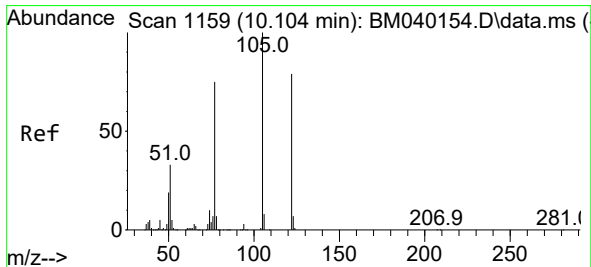
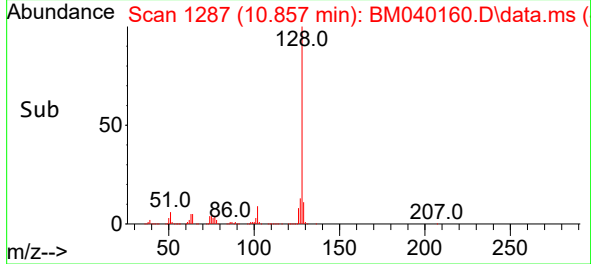
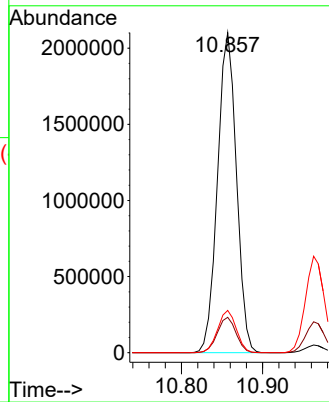
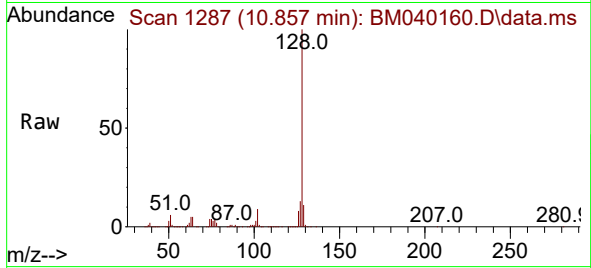




#31
Naphthalene
Concen: 40.429 ng
RT: 10.857 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

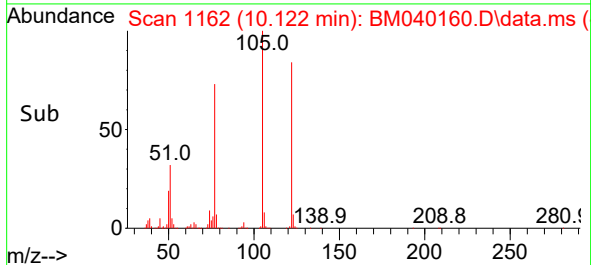
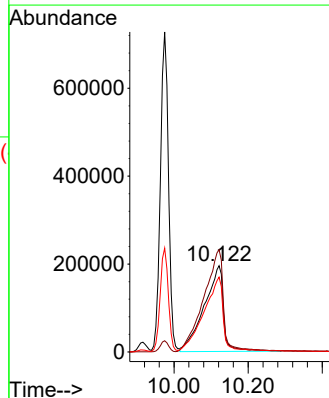
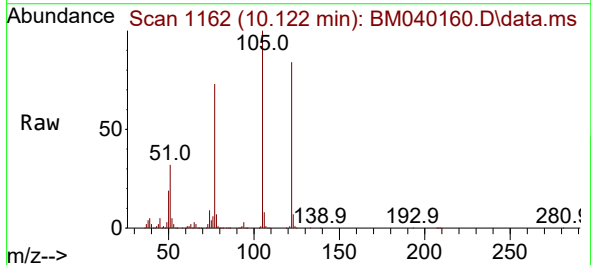
Instrument :
BNA_M
ClientSampleId :
PB153297BS

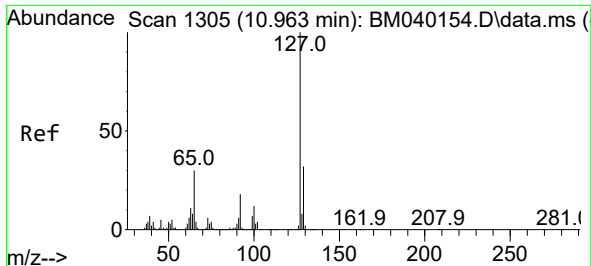
Tgt Ion:128 Resp: 3407028
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 39.520 ng
RT: 10.122 min Scan# 1162
Delta R.T. 0.018 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:122 Resp: 705373
Ion Ratio Lower Upper
122 100
105 118.6 102.7 142.7
77 86.9 73.9 113.9



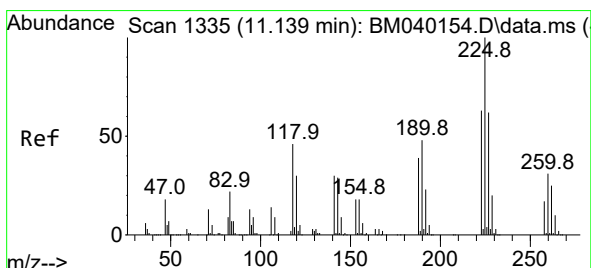
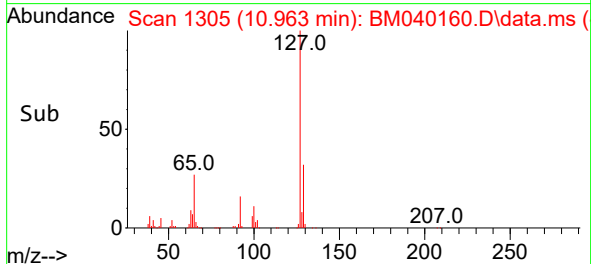
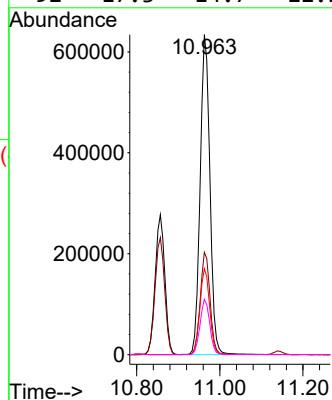
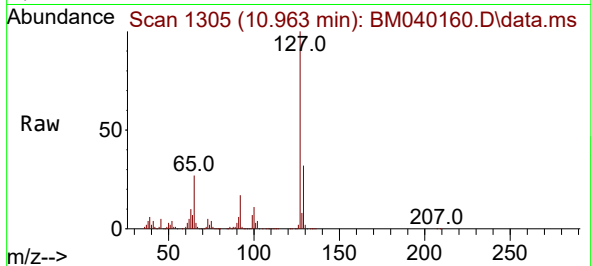


#33
4-Chloroaniline
Concen: 27.555 ng
RT: 10.963 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Instrument :
BNA_M
ClientSampleId :
PB153297BS

Tgt Ion:127 Resp: 1034203

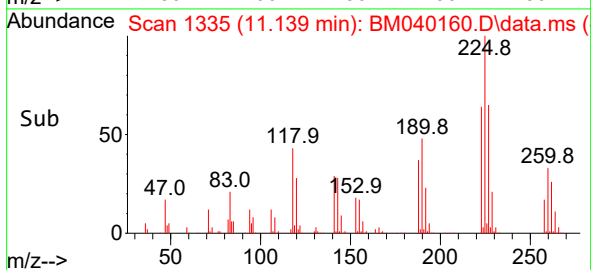
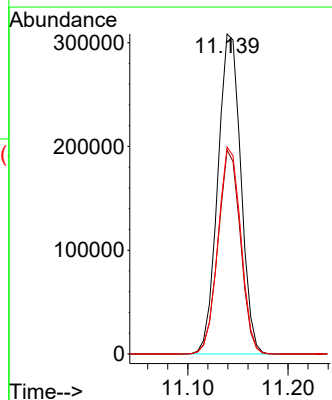
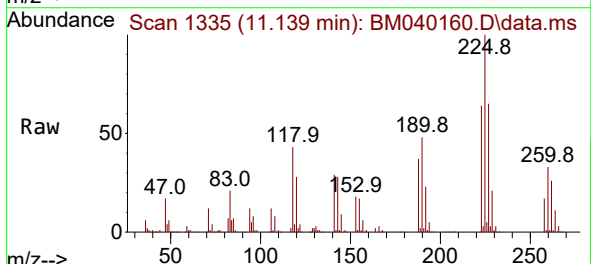
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.5	38.3
65	26.9	23.7	35.5
92	17.3	14.7	22.1

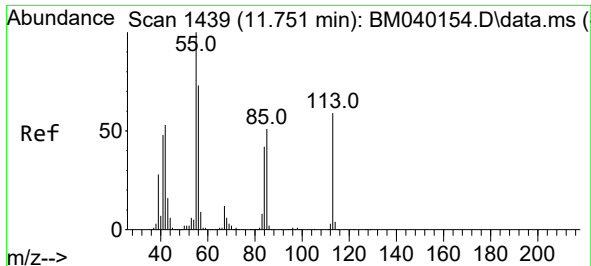


#34
Hexachlorobutadiene
Concen: 41.644 ng
RT: 11.139 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:225 Resp: 490920

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.4	75.6
227	64.6	49.6	74.4

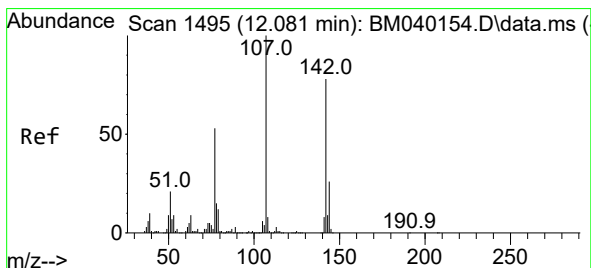
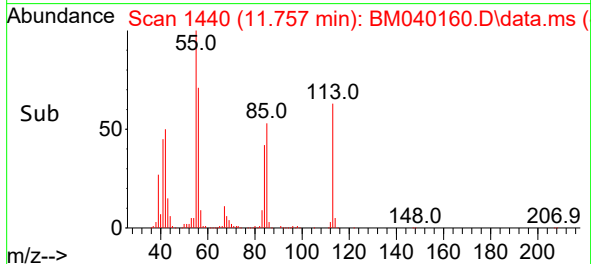
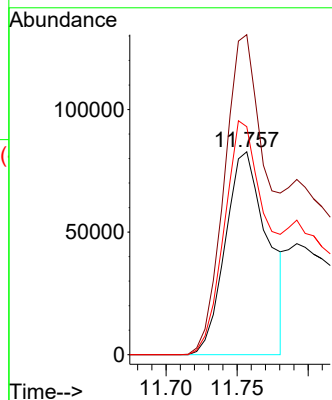
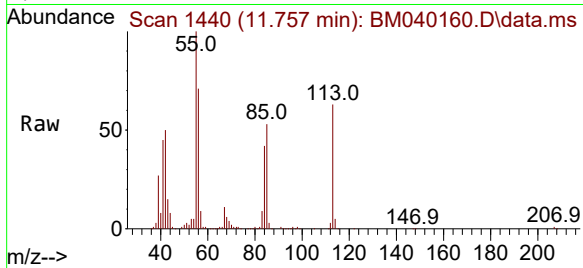




#35
 Caprolactam
 Concen: 22.541 ng
 RT: 11.757 min Scan# 1439
 Delta R.T. 0.006 min
 Lab File: BM040160.D
 Acq: 08 Jun 2023 16:04

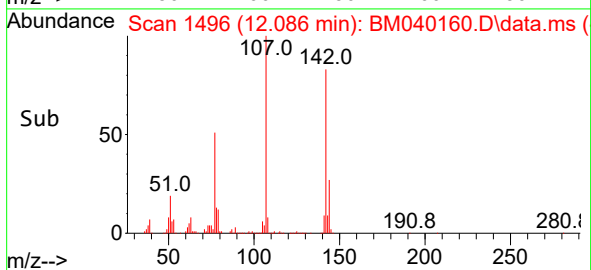
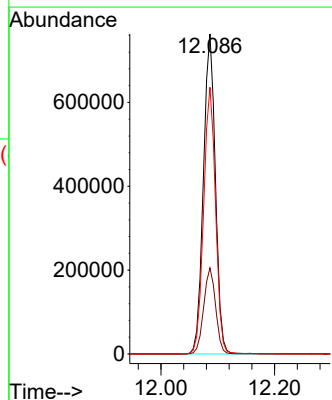
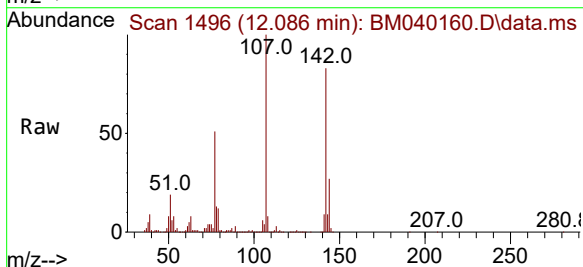
Instrument :
 BNA_M
 ClientSampleId :
 PB153297BS

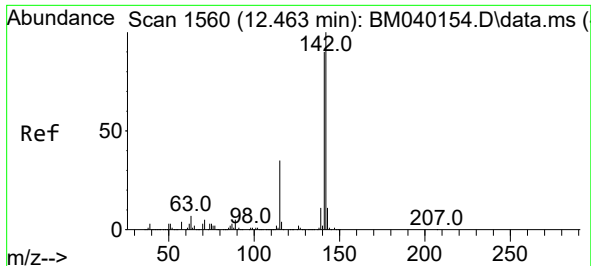
Tgt Ion:113 Resp: 171744
 Ion Ratio Lower Upper
 113 100
 55 157.7 149.3 189.3
 56 112.4 104.3 144.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.346 ng
 RT: 12.086 min Scan# 1496
 Delta R.T. 0.006 min
 Lab File: BM040160.D
 Acq: 08 Jun 2023 16:04

Tgt Ion:107 Resp: 1116778
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.5 30.7
 142 83.3 62.7 94.1





#37

2-Methylnaphthalene

Concen: 39.438 ng

RT: 12.463 min Scan# 1560

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

PB153297BS

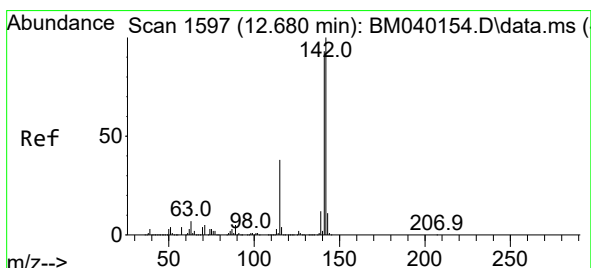
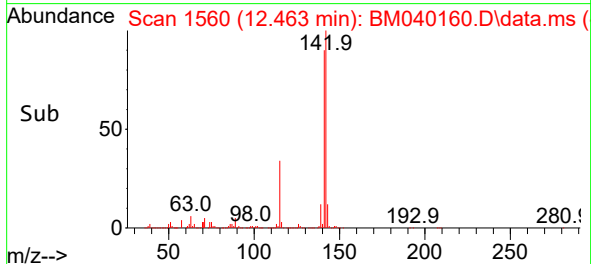
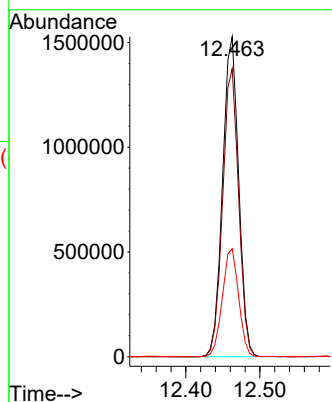
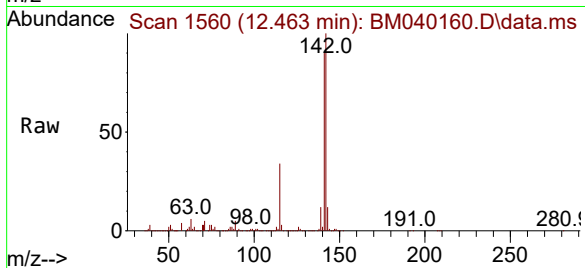
Tgt Ion:142 Resp: 2298281

Ion Ratio Lower Upper

142 100

141 90.0 71.8 107.6

115 33.7 28.2 42.4



#38

1-Methylnaphthalene

Concen: 39.524 ng

RT: 12.680 min Scan# 1597

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

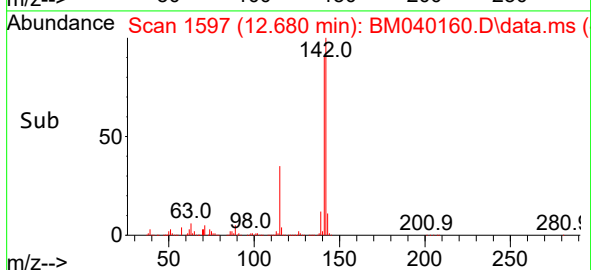
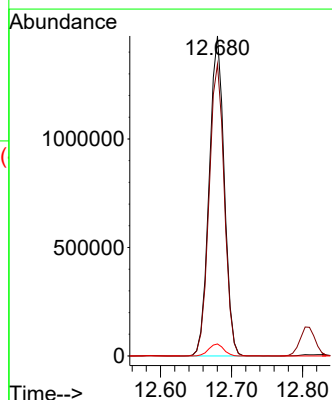
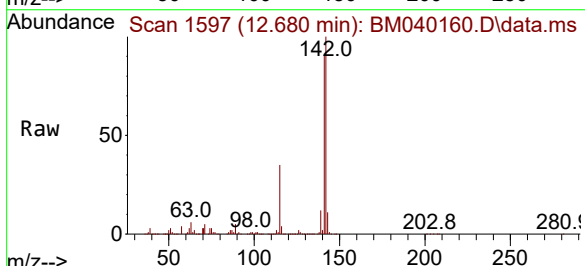
Tgt Ion:142 Resp: 2172079

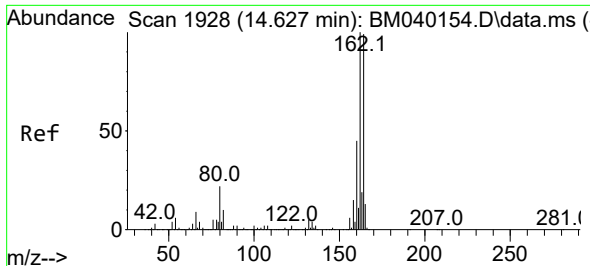
Ion Ratio Lower Upper

142 100

141 91.2 74.2 111.2

116 3.8 3.1 4.7

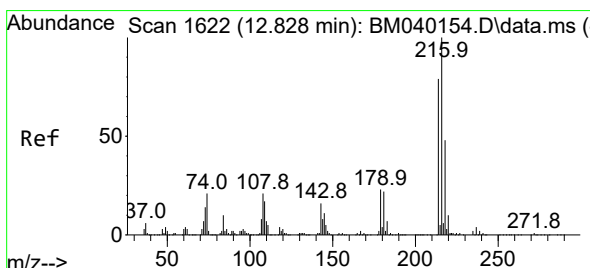
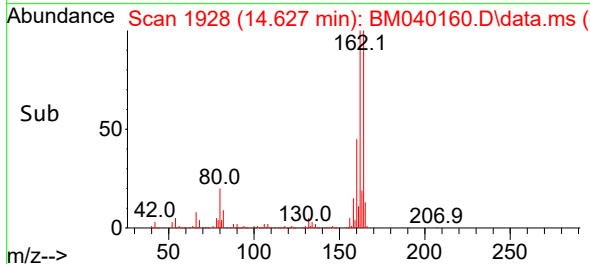
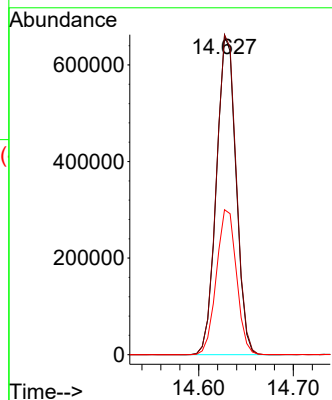
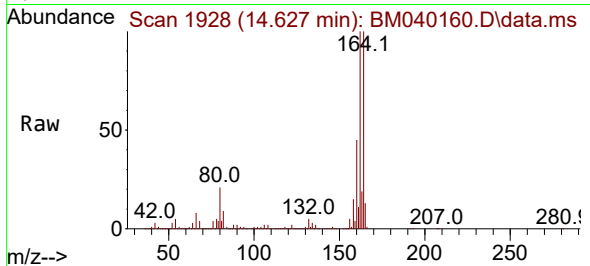




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

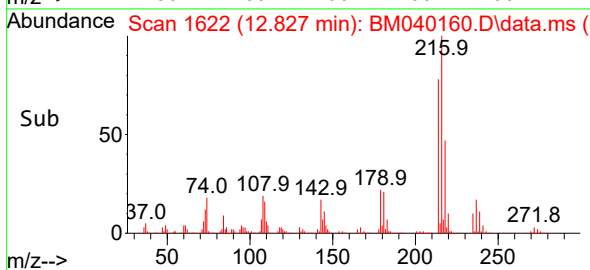
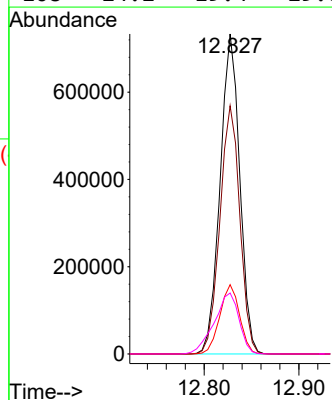
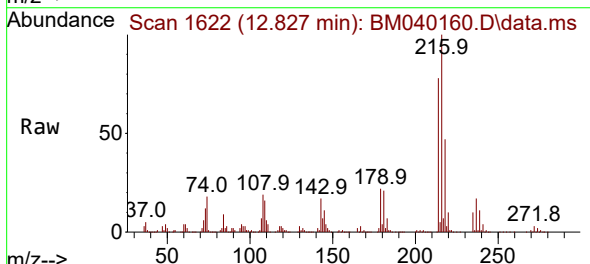
Instrument :
BNA_M
ClientSampleId :
PB153297BS

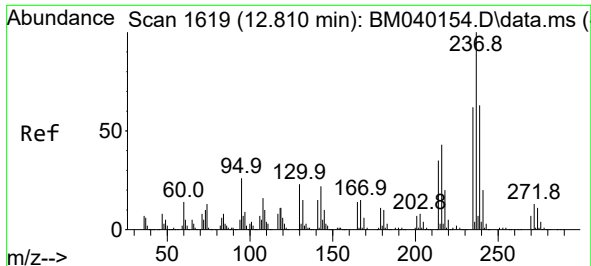
Tgt Ion:164 Resp: 947810
Ion Ratio Lower Upper
164 100
162 100.1 80.4 120.6
160 45.4 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.048 ng
RT: 12.827 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:216 Resp: 1056560
Ion Ratio Lower Upper
216 100
214 78.7 63.5 95.3
179 21.9 18.3 27.5
108 24.2 19.4 29.0

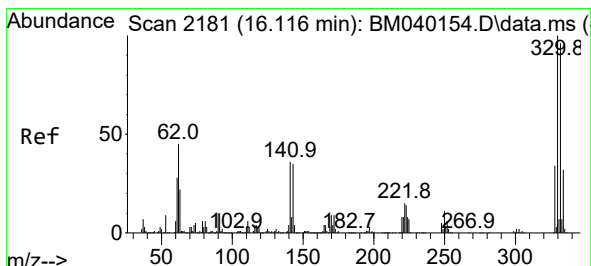
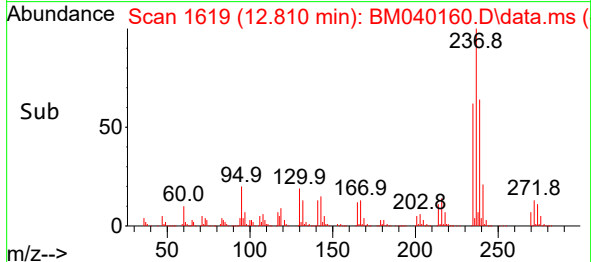
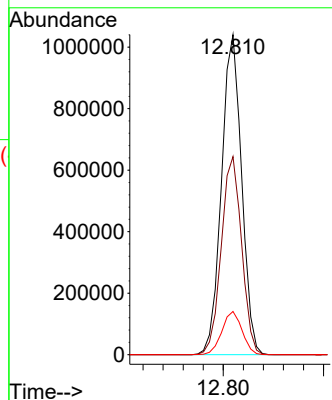
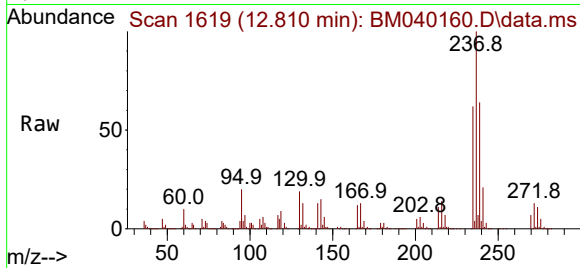




#41
Hexachlorocyclopentadiene
Concen: 110.249 ng
RT: 12.810 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

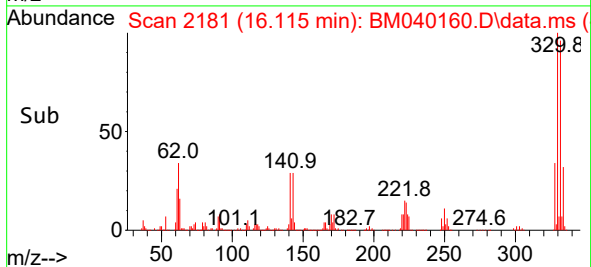
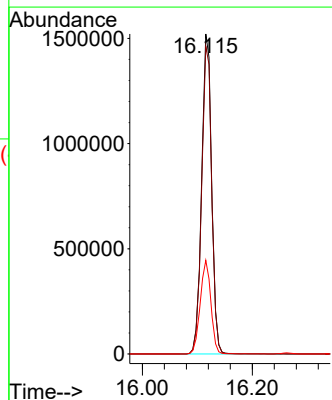
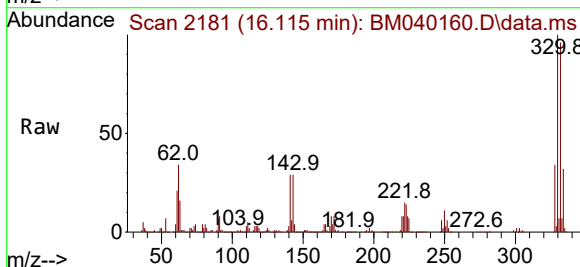
Instrument :
BNA_M
ClientSampleId :
PB153297BS

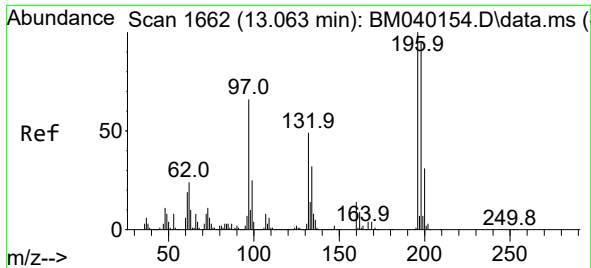
Tgt Ion:237 Resp: 1444548
Ion Ratio Lower Upper
237 100
235 61.9 41.5 81.5
272 13.5 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 134.864 ng
RT: 16.115 min Scan# 2181
Delta R.T. -0.001 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:330 Resp: 1923203
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 31.1 31.6 47.4#

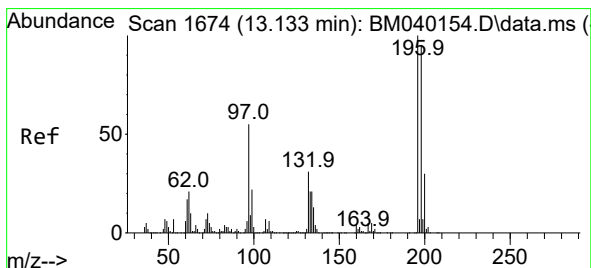
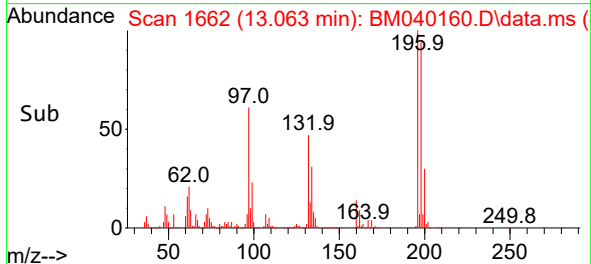
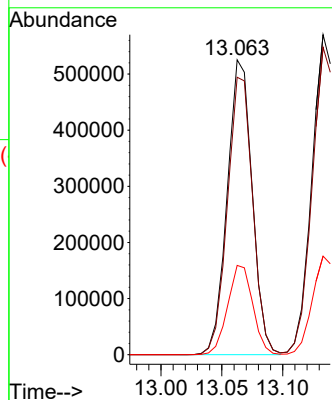
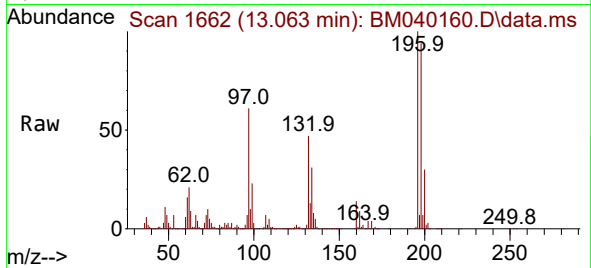




#43
2,4,6-Trichlorophenol
Concen: 43.442 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

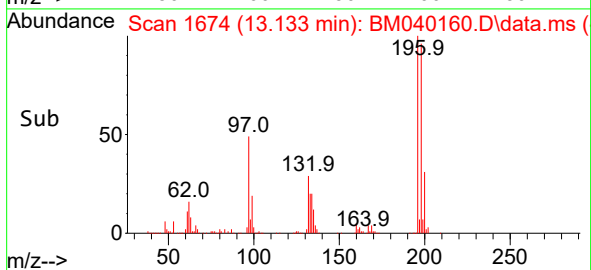
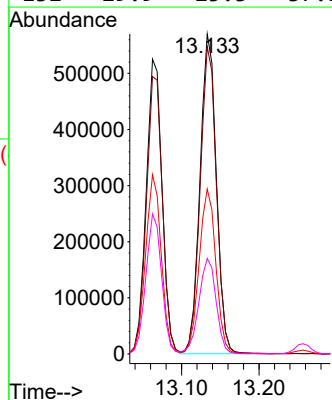
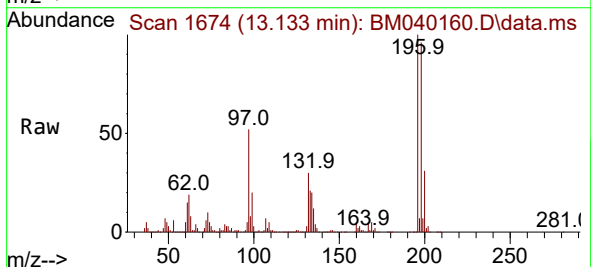
Instrument :
BNA_M
ClientSampleId :
PB153297BS

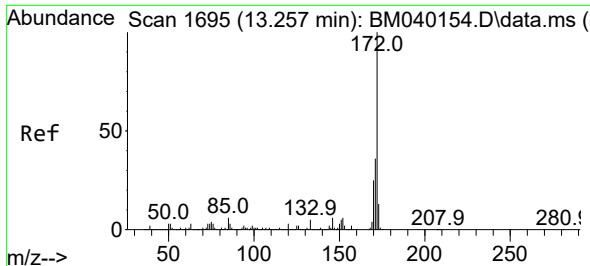
Tgt Ion:196 Resp: 748719
Ion Ratio Lower Upper
196 100
198 94.1 76.4 114.6
200 30.3 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 40.112 ng
RT: 13.133 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:196 Resp: 834497
Ion Ratio Lower Upper
196 100
198 96.0 76.3 114.5
97 51.6 44.2 66.2
132 29.9 25.3 37.9

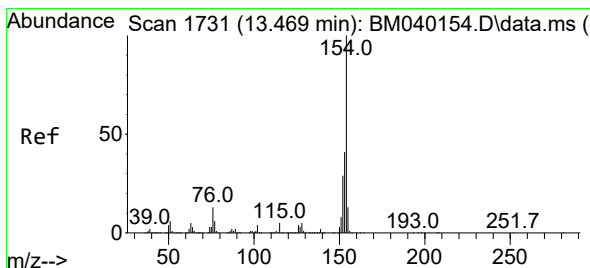
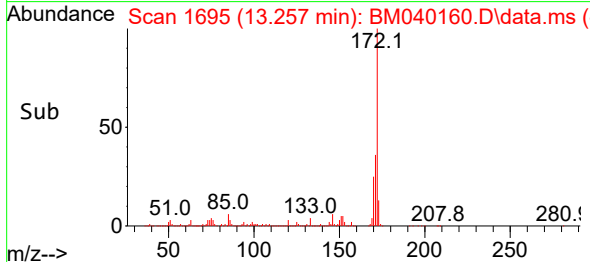
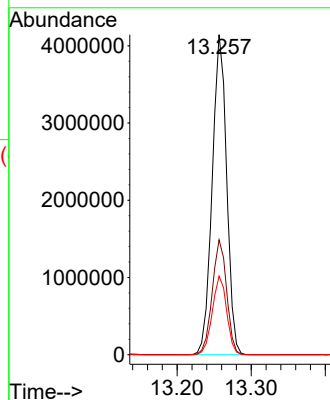
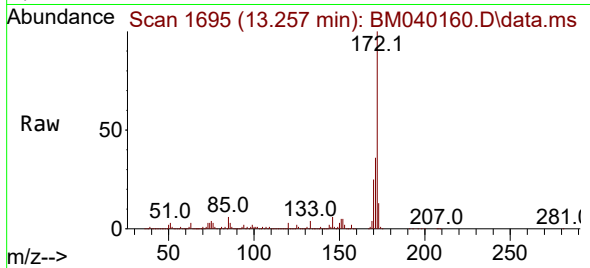




#45
2-Fluorobiphenyl
Concen: 78.082 ng
RT: 13.257 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

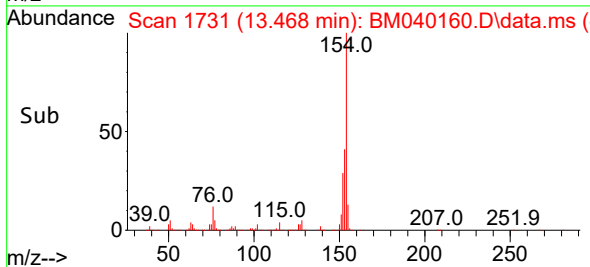
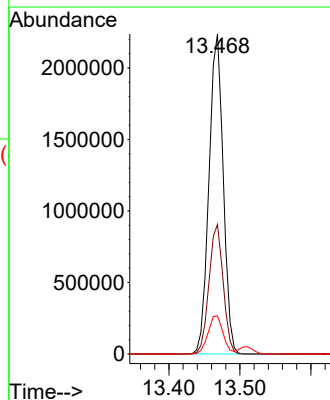
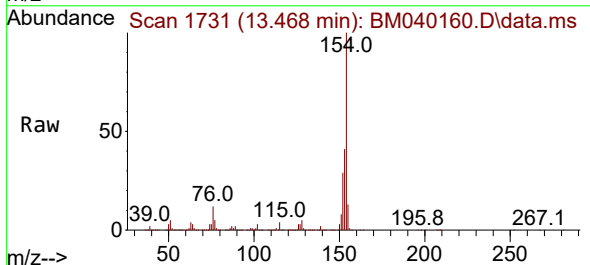
Instrument :
BNA_M
ClientSampleId :
PB153297BS

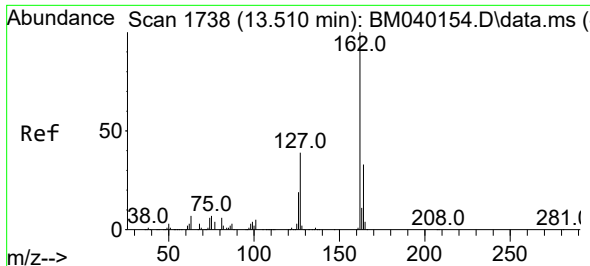
Tgt Ion:172 Resp: 5599283
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.6 19.8 29.6



#46
1,1'-Biphenyl
Concen: 41.036 ng
RT: 13.468 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:154 Resp: 3118680
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 11.9 0.0 32.7

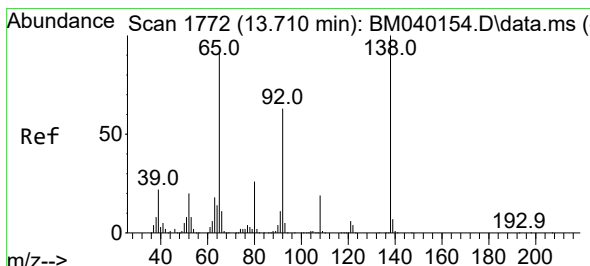
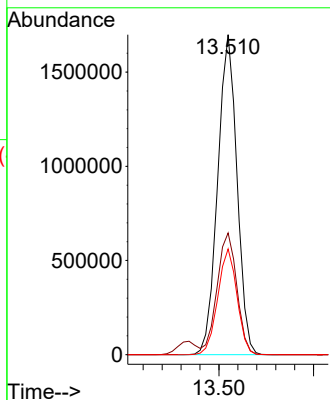
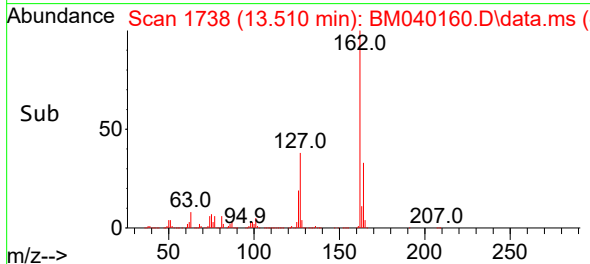
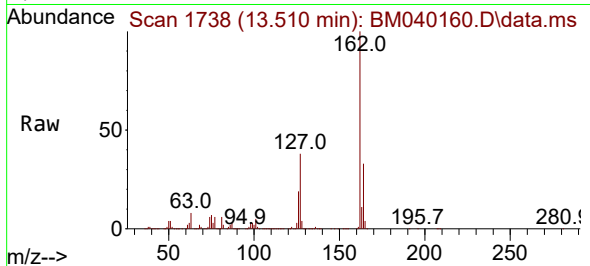




#47
2-Chloronaphthalene
Concen: 42.678 ng
RT: 13.510 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

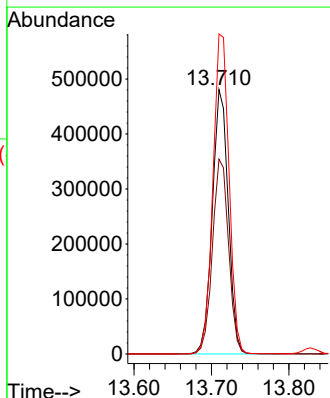
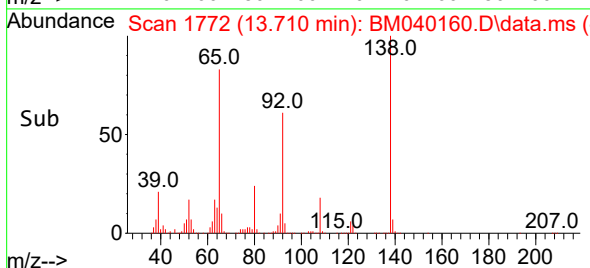
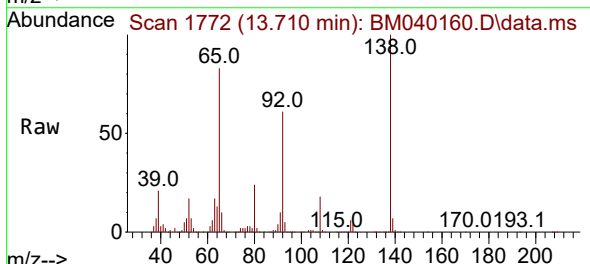
Instrument :
BNA_M
ClientSampleId :
PB153297BS

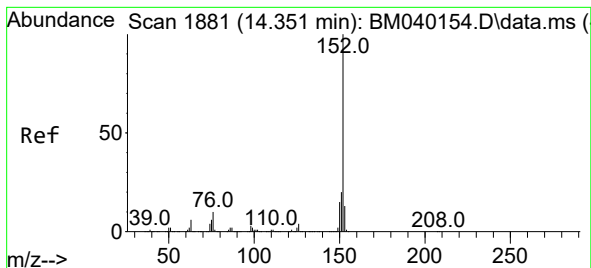
Tgt Ion:162 Resp: 2409554
Ion Ratio Lower Upper
162 100
127 38.1 32.4 48.6
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 40.635 ng
RT: 13.710 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion: 65 Resp: 687875
Ion Ratio Lower Upper
65 100
92 73.7 56.0 84.0
138 121.1 88.2 132.4





#49

Acenaphthylene

Concen: 41.742 ng

RT: 14.351 min Scan# 1881

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

PB153297BS

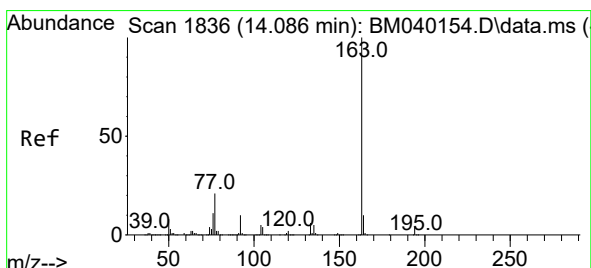
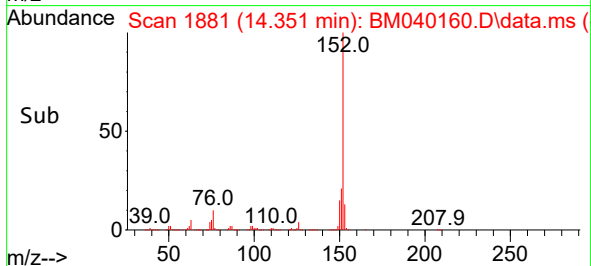
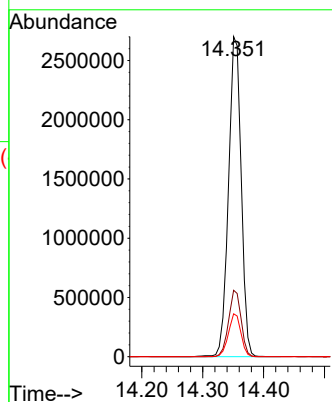
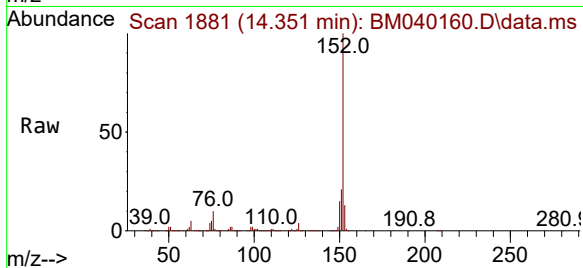
Tgt Ion:152 Resp: 3907380

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

153 13.4 10.4 15.6



#50

Dimethylphthalate

Concen: 40.173 ng

RT: 14.086 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

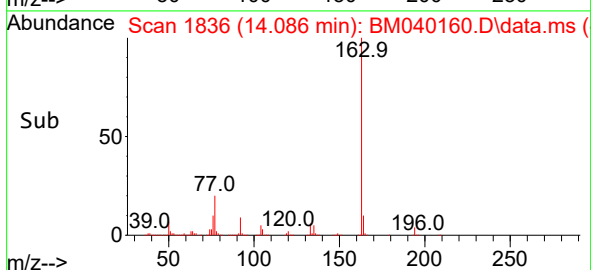
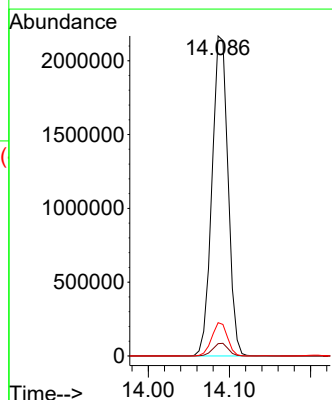
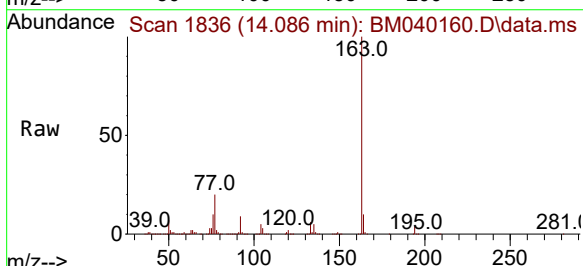
Tgt Ion:163 Resp: 2969803

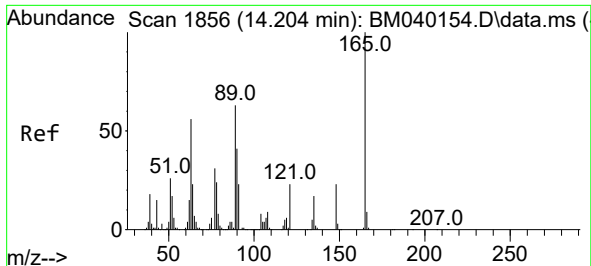
Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 42.945 ng

RT: 14.204 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

PB153297BS

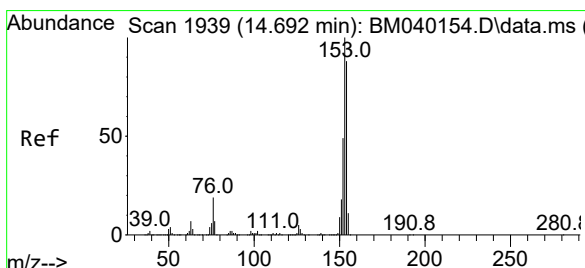
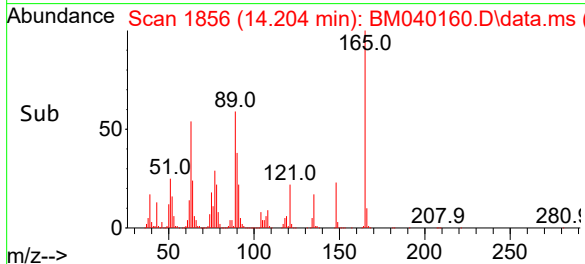
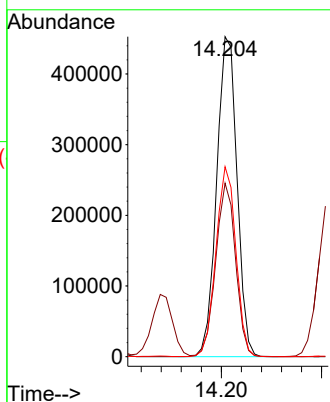
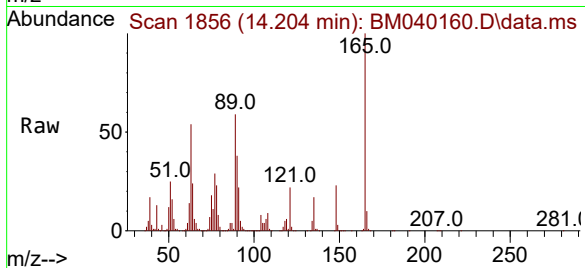
Tgt Ion:165 Resp: 636275

Ion Ratio Lower Upper

165 100

63 54.2 47.3 70.9

89 59.3 50.8 76.2



#52

Acenaphthene

Concen: 41.031 ng

RT: 14.692 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

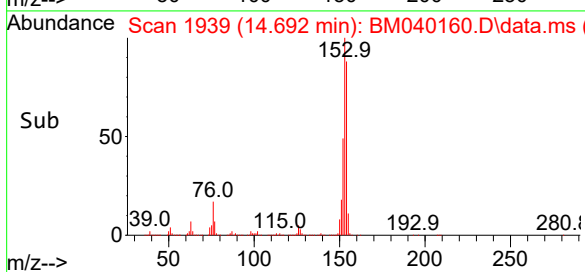
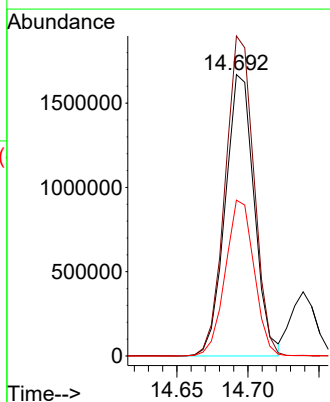
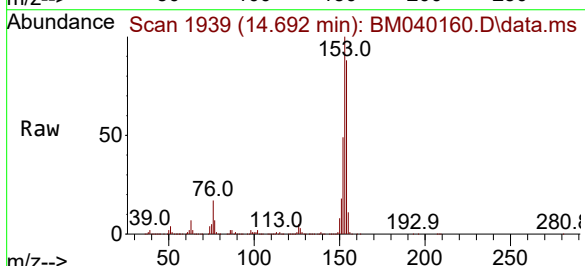
Tgt Ion:154 Resp: 2368957

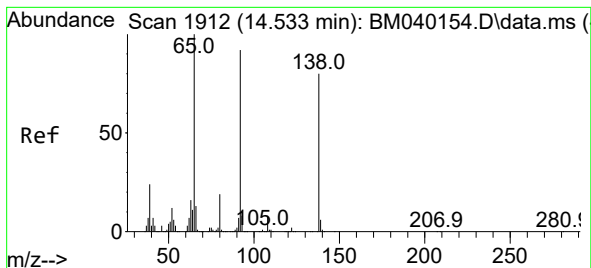
Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

152 55.4 45.0 67.6

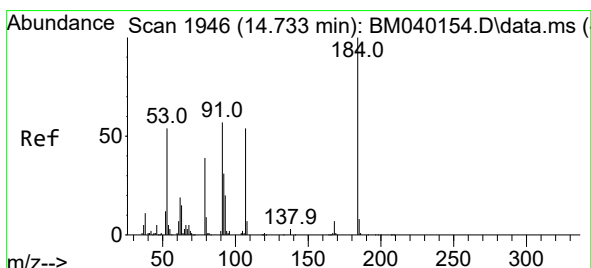
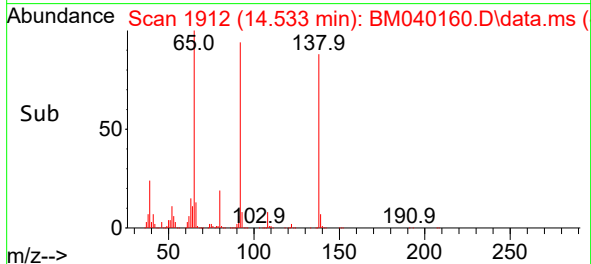
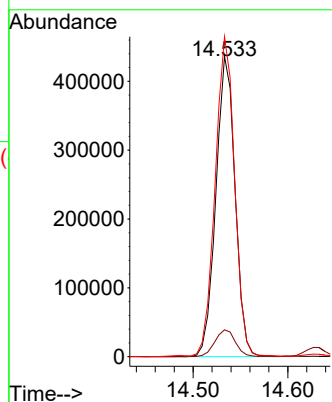
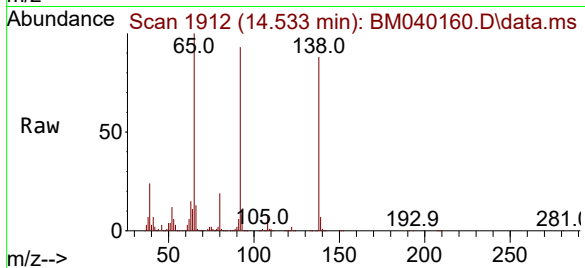




#53
3-Nitroaniline
Concen: 33.236 ng
RT: 14.533 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

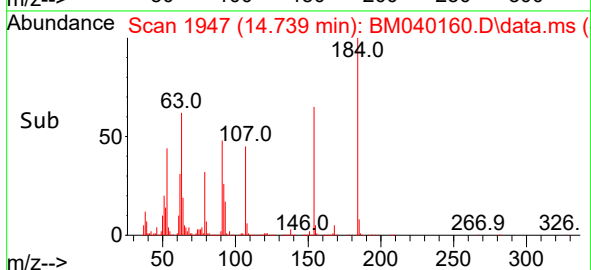
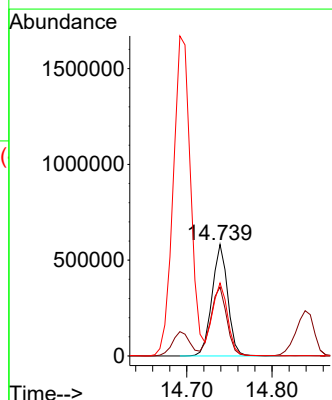
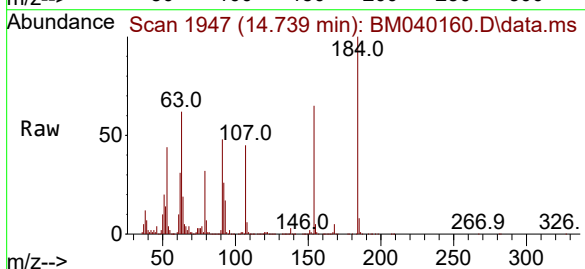
Instrument :
BNA_M
ClientSampleId :
PB153297BS

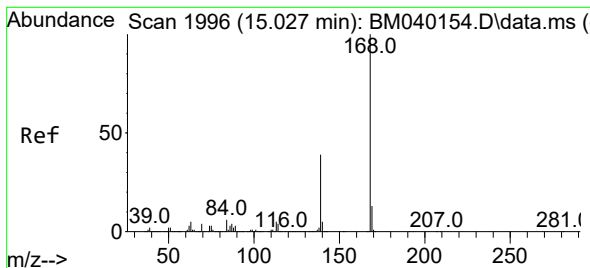
Tgt Ion:138 Resp: 614361
Ion Ratio Lower Upper
138 100
108 9.0 7.8 11.6
92 106.5 91.6 137.4



#54
2,4-Dinitrophenol
Concen: 79.071 ng
RT: 14.739 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:184 Resp: 744928
Ion Ratio Lower Upper
184 100
63 61.9 62.8 94.2#
154 65.4 55.9 83.9

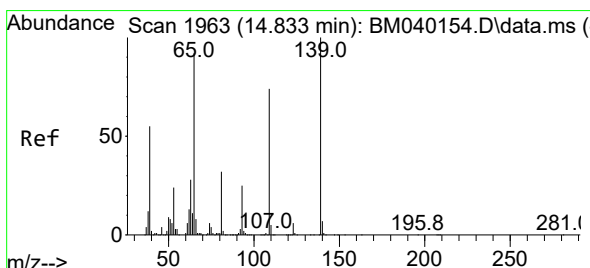
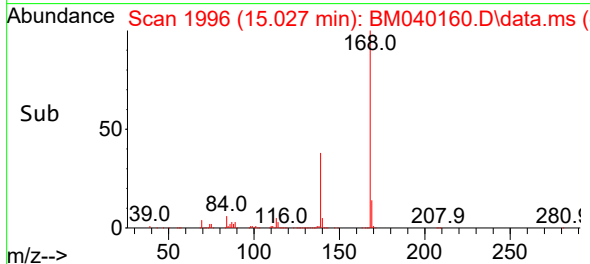
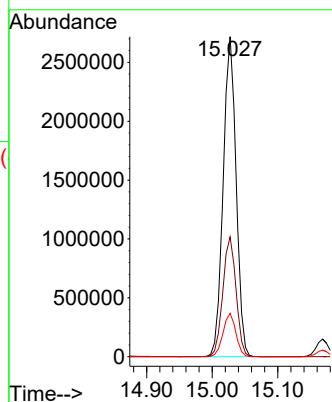
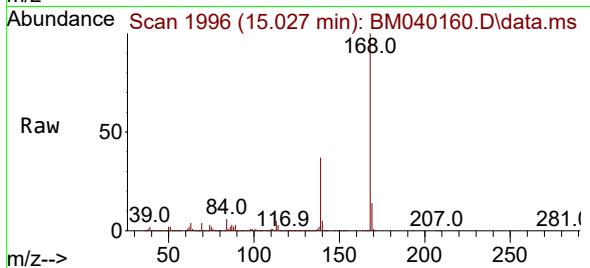




#55
Dibenzofuran
Concen: 40.997 ng
RT: 15.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

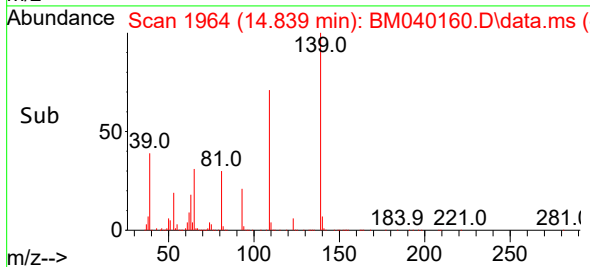
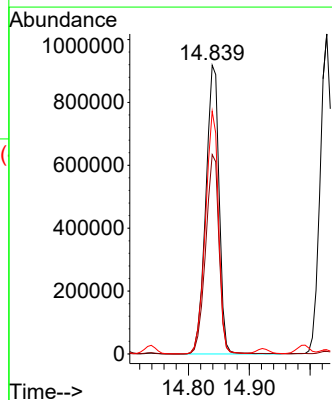
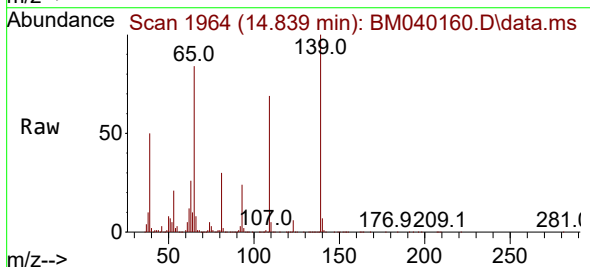
Instrument :
BNA_M
ClientSampleId :
PB153297BS

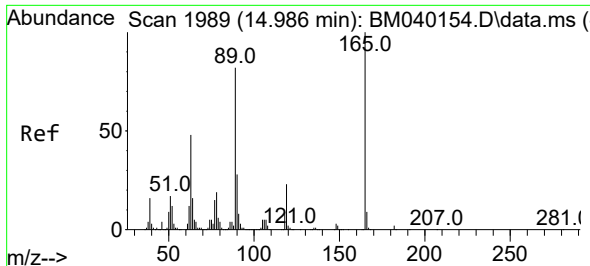
Tgt Ion:168 Resp: 3702695
Ion Ratio Lower Upper
168 100
139 37.4 31.4 47.2
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 93.703 ng
RT: 14.839 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:139 Resp: 1402864
Ion Ratio Lower Upper
139 100
109 69.0 54.4 94.4
65 84.1 71.9 111.9

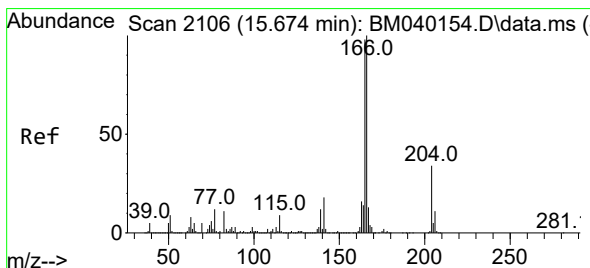
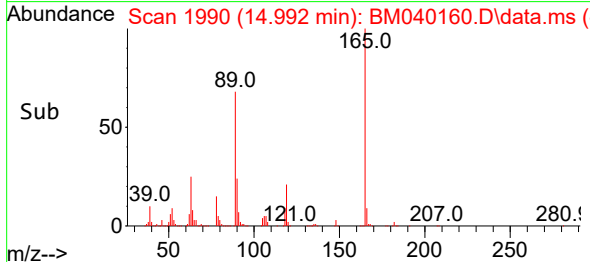
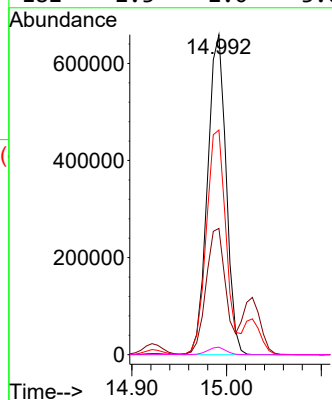
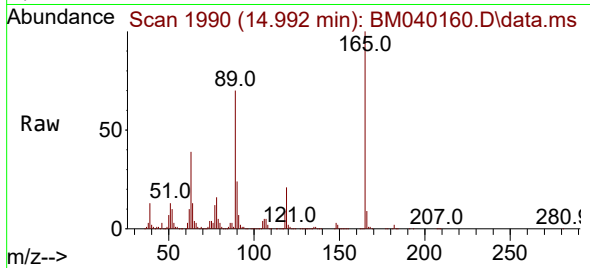




#57
2,4-Dinitrotoluene
Concen: 45.496 ng
RT: 14.992 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

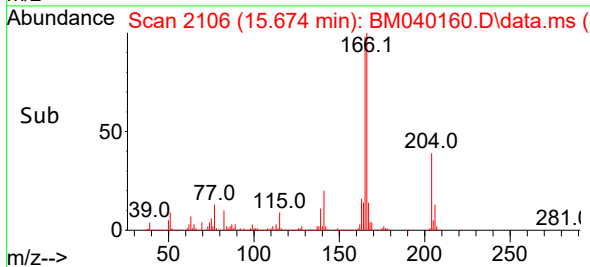
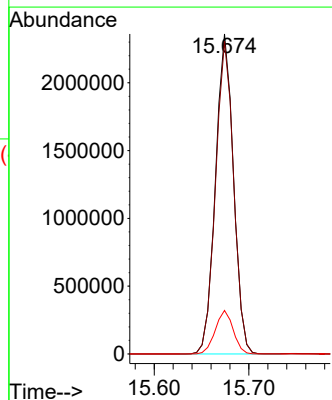
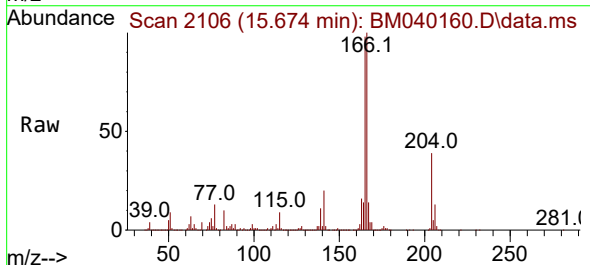
Instrument :
BNA_M
ClientSampleId :
PB153297BS

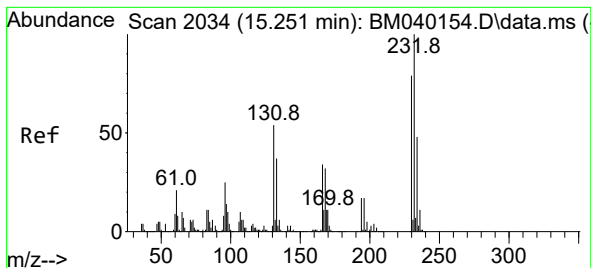
Tgt Ion:165 Resp: 899578
Ion Ratio Lower Upper
165 100
63 39.4 38.3 57.5
89 70.2 66.0 99.0
182 2.3 2.0 3.0



#58
Fluorene
Concen: 41.199 ng
RT: 15.674 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:166 Resp: 3114617
Ion Ratio Lower Upper
166 100
165 97.7 78.6 117.8
167 13.6 10.7 16.1

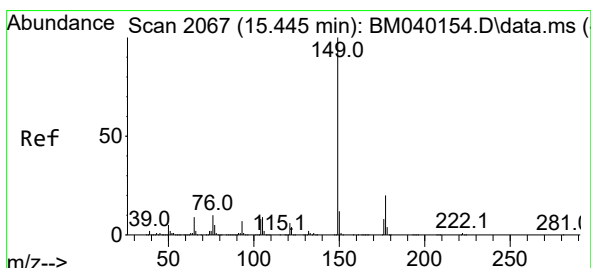
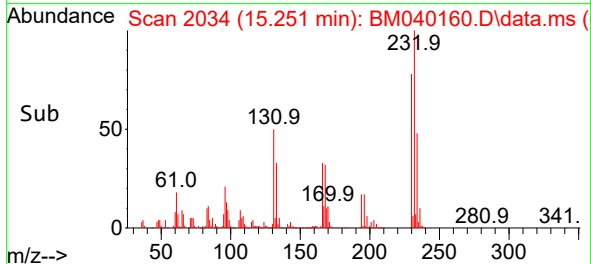
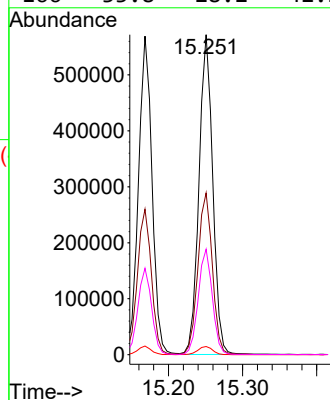
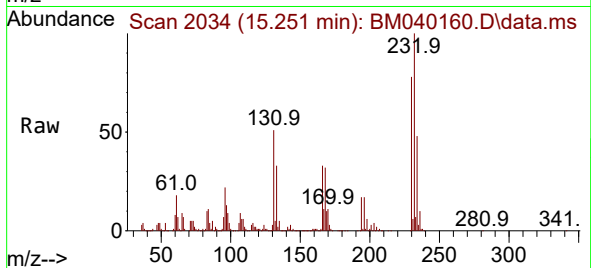




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.258 ng
RT: 15.251 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

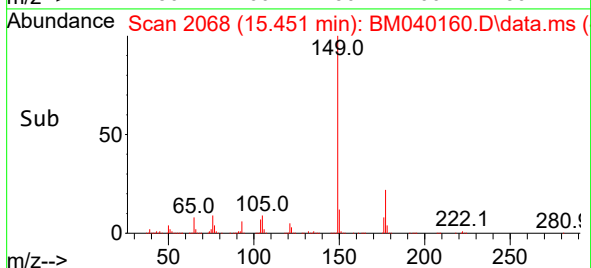
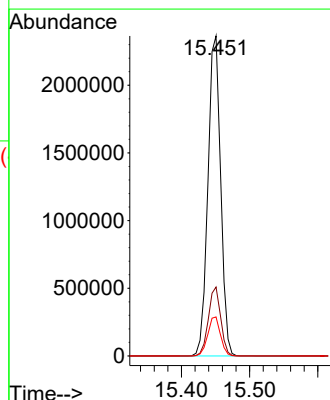
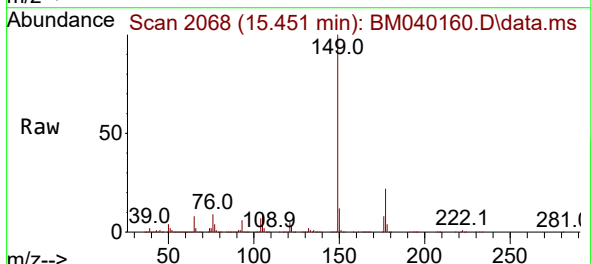
Instrument :
BNA_M
ClientSampleId :
PB153297BS

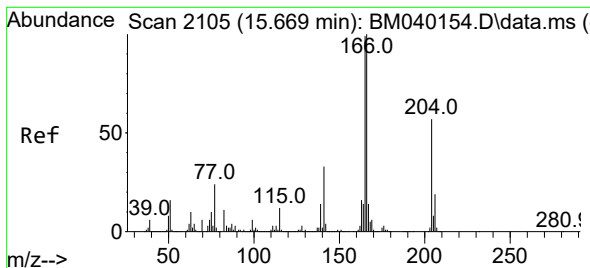
Tgt Ion:232 Resp: 736208
Ion Ratio Lower Upper
232 100
131 53.4 46.7 70.1
130 2.7 2.5 3.7
166 33.8 28.2 42.2



#60
Diethylphthalate
Concen: 40.889 ng
RT: 15.451 min Scan# 2068
Delta R.T. 0.006 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:149 Resp: 3066903
Ion Ratio Lower Upper
149 100
177 21.5 16.2 24.2
150 12.2 9.9 14.9

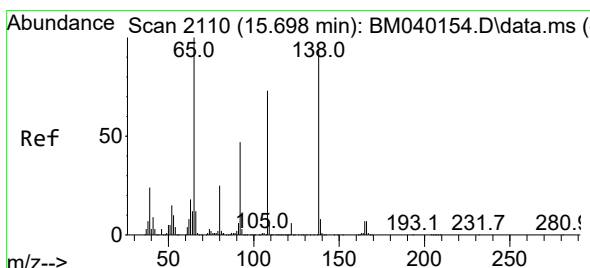
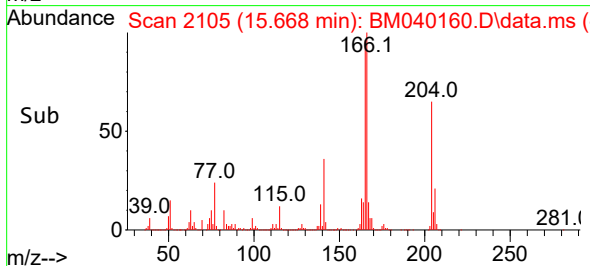
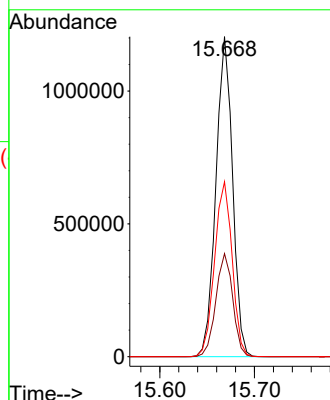
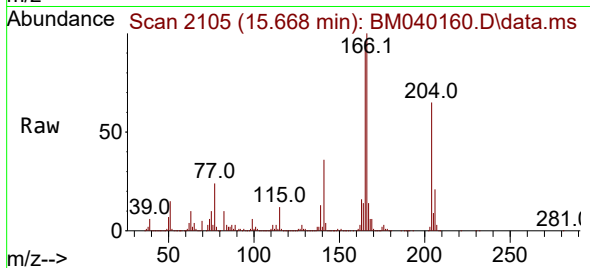




#61
4-Chlorophenyl-phenylether
Concen: 41.627 ng
RT: 15.668 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

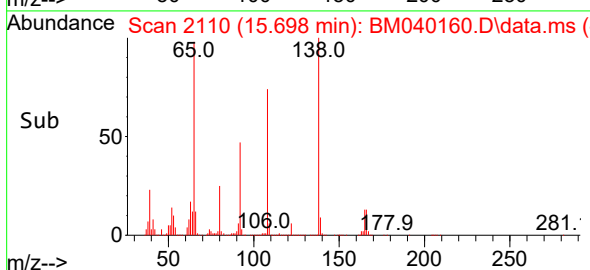
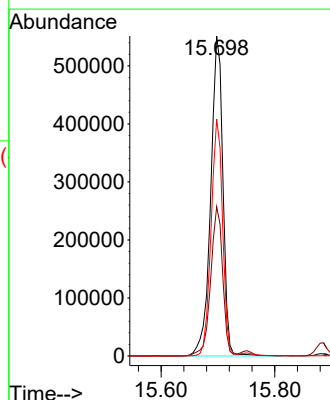
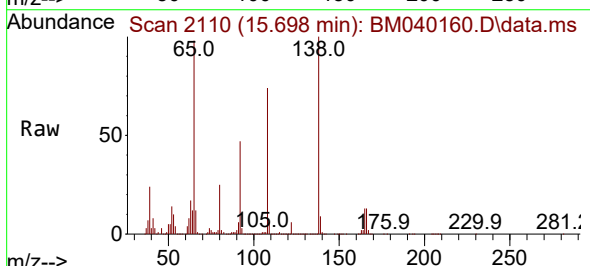
Instrument :
BNA_M
ClientSampleId :
PB153297BS

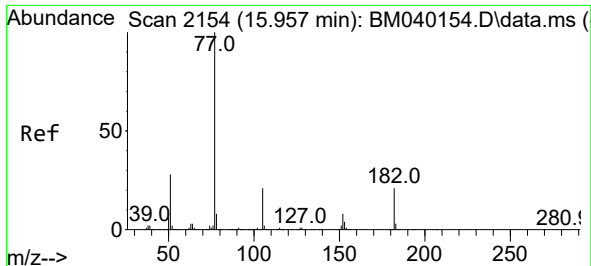
Tgt Ion:204 Resp: 1470955
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.4
141 54.6 45.9 68.9



#62
4-Nitroaniline
Concen: 41.632 ng
RT: 15.698 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:138 Resp: 819774
Ion Ratio Lower Upper
138 100
92 46.6 30.1 70.1
108 74.0 57.8 97.8

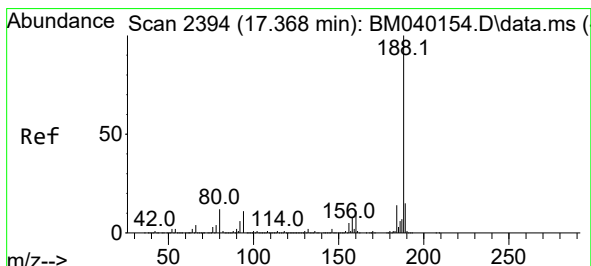
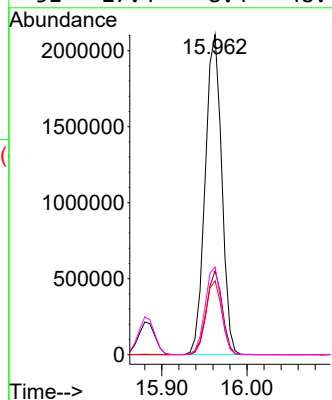
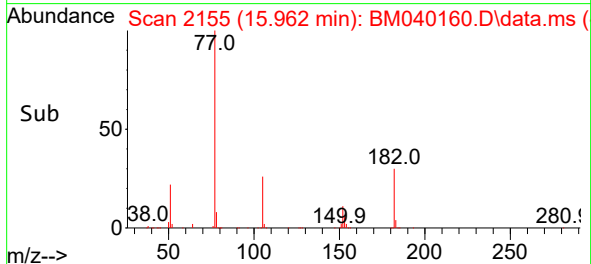
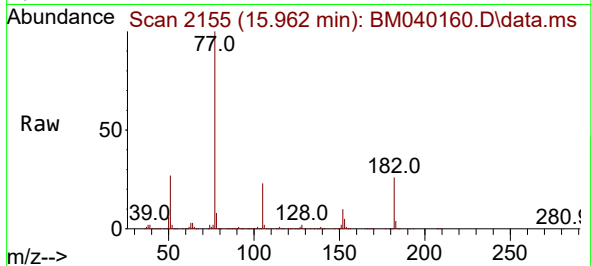




#63
Azobenzene
Concen: 38.866 ng
RT: 15.962 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

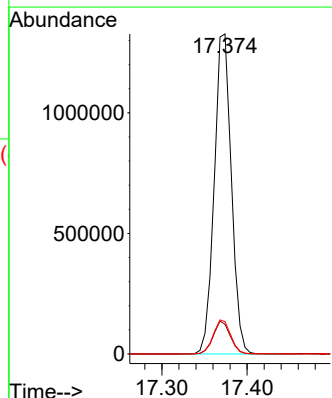
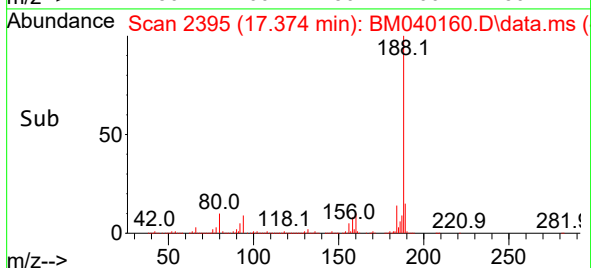
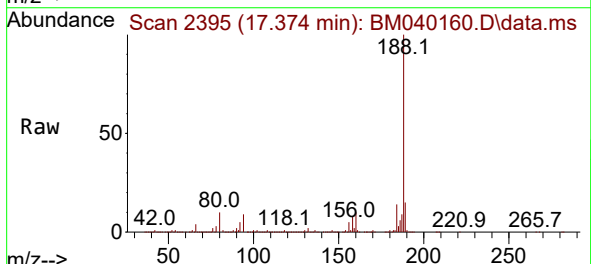
Instrument :
BNA_M
ClientSampleId :
PB153297BS

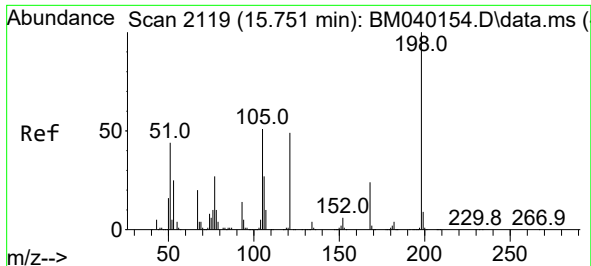
Tgt Ion: 77 Resp: 2834310
Ion Ratio Lower Upper
77 100
182 26.2 1.1 41.1
105 23.1 1.1 41.1
51 27.4 8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 2395
Delta R.T. 0.006 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:188 Resp: 1858018
Ion Ratio Lower Upper
188 100
94 9.3 8.9 13.3
80 10.1 9.6 14.4

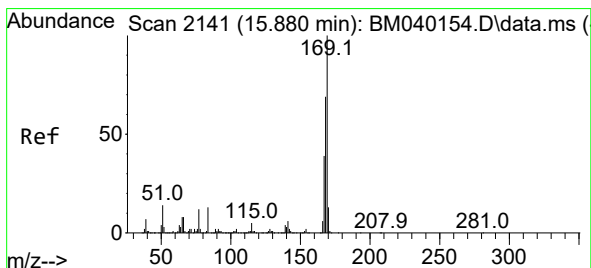
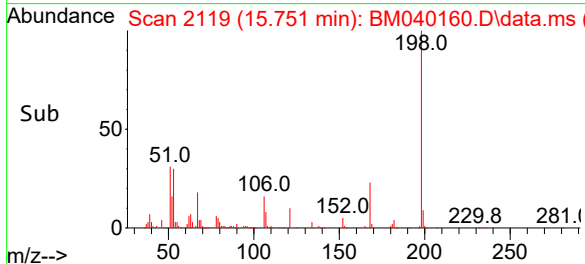
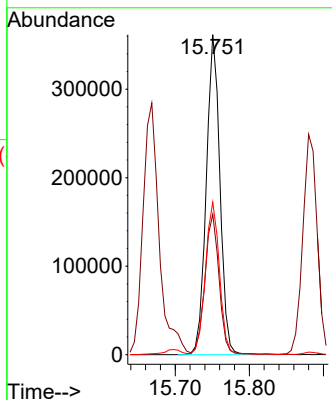
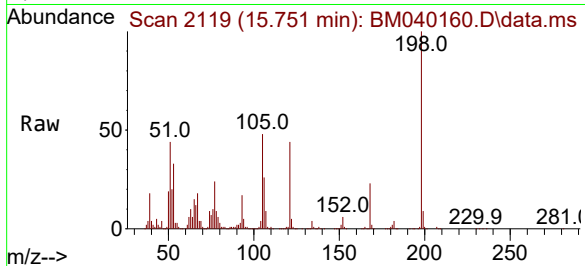




#65
4,6-Dinitro-2-methylphenol
Concen: 44.359 ng
RT: 15.751 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

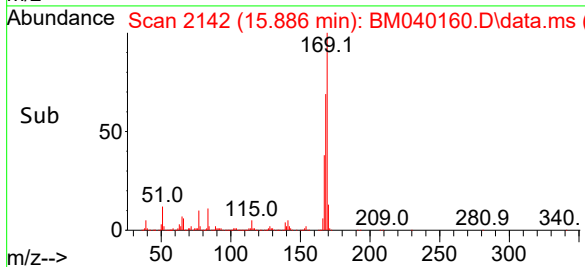
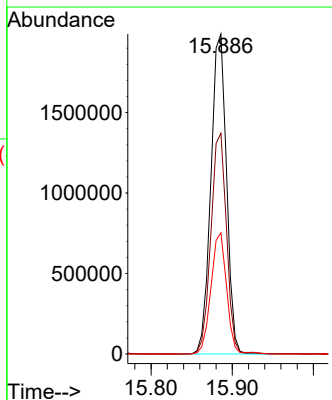
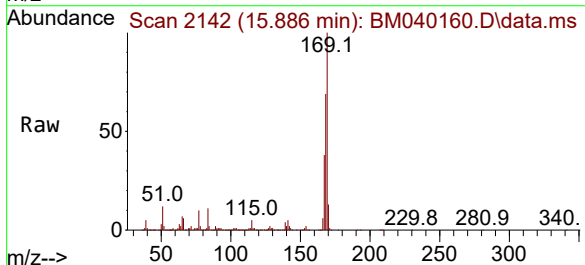
Instrument :
BNA_M
ClientSampleId :
PB153297BS

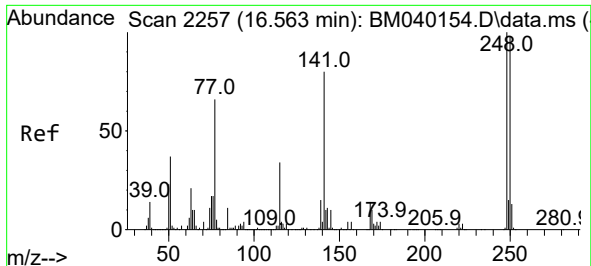
Tgt Ion:198 Resp: 462297
Ion Ratio Lower Upper
198 100
51 43.9 30.6 70.6
105 47.6 32.5 72.5



#66
n-Nitrosodiphenylamine
Concen: 43.632 ng
RT: 15.886 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:169 Resp: 2655264
Ion Ratio Lower Upper
169 100
168 68.9 55.6 83.4
167 37.8 31.3 46.9

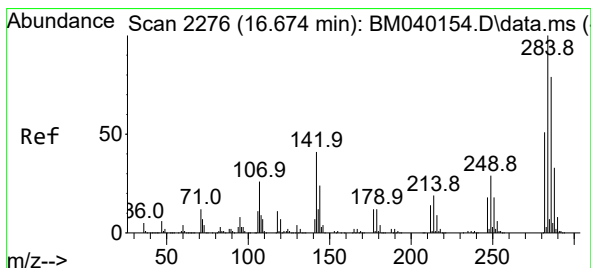
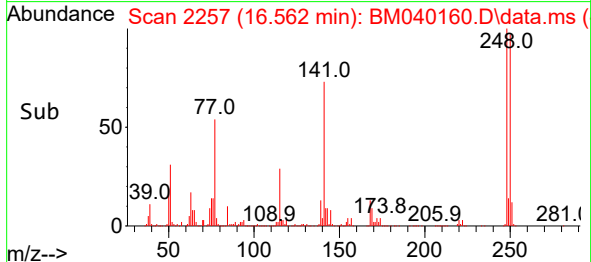
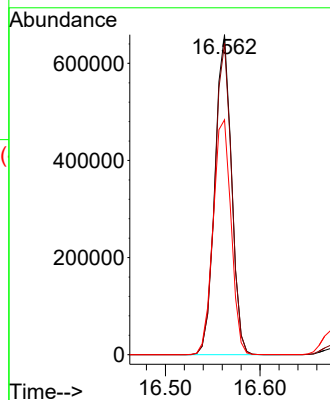
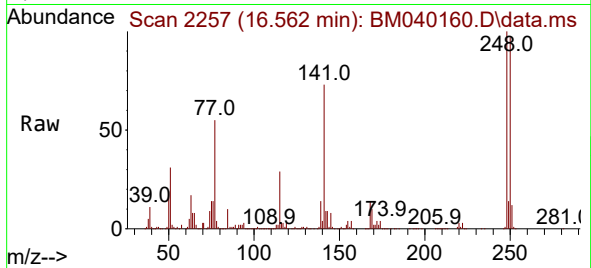




#67
4-Bromophenyl-phenylether
Concen: 43.046 ng
RT: 16.562 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

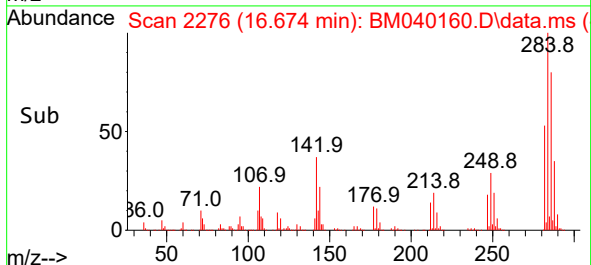
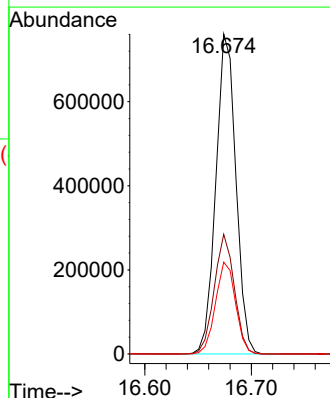
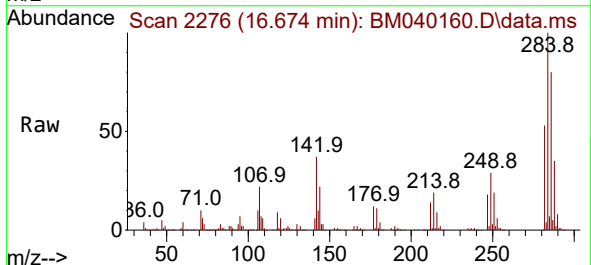
Instrument :
BNA_M
ClientSampleId :
PB153297BS

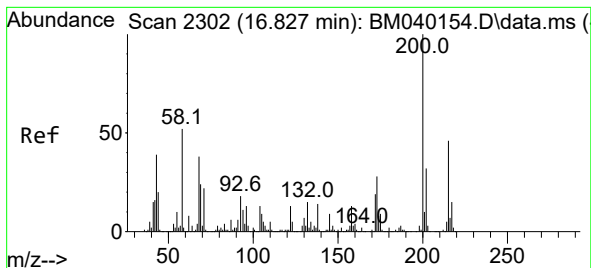
Tgt Ion:248 Resp: 803281
Ion Ratio Lower Upper
248 100
250 97.3 78.1 117.1
141 73.4 64.3 96.5



#68
Hexachlorobenzene
Concen: 46.294 ng
RT: 16.674 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:284 Resp: 990781
Ion Ratio Lower Upper
284 100
142 37.4 32.7 49.1
249 28.7 23.3 34.9





#69

Atrazine

Concen: 51.941 ng

RT: 16.833 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

PB153297BS

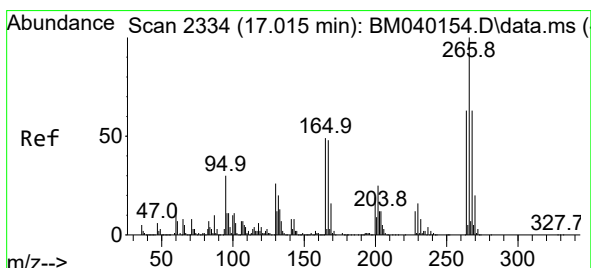
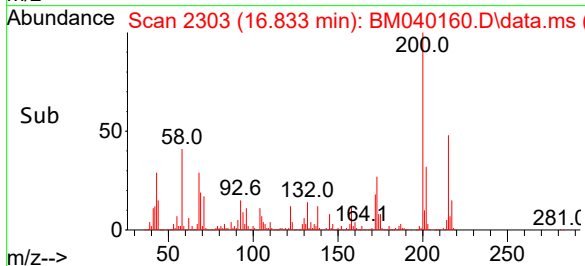
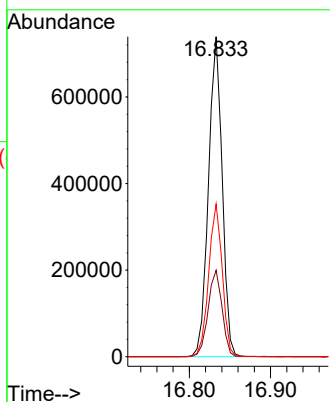
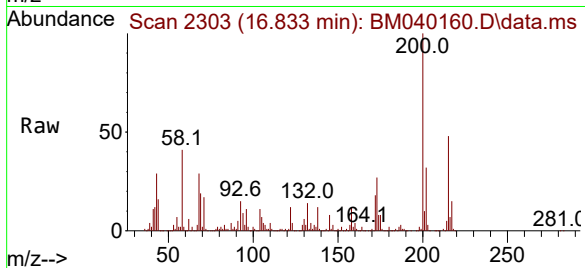
Tgt Ion:200 Resp: 863871

Ion Ratio Lower Upper

200 100

173 27.0 8.1 48.1

215 47.7 25.7 65.7



#70

Pentachlorophenol

Concen: 87.484 ng

RT: 17.021 min Scan# 2335

Delta R.T. 0.006 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

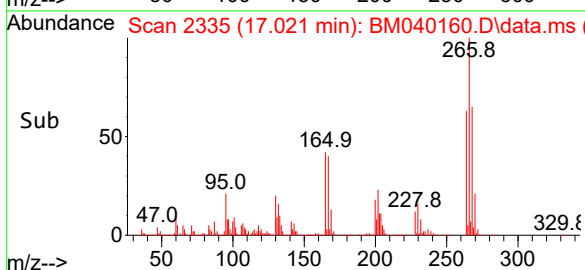
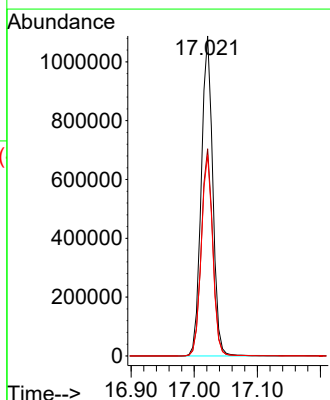
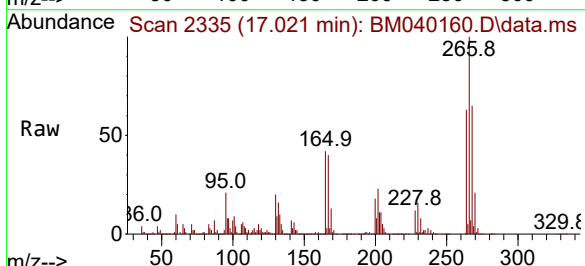
Tgt Ion:266 Resp: 1374416

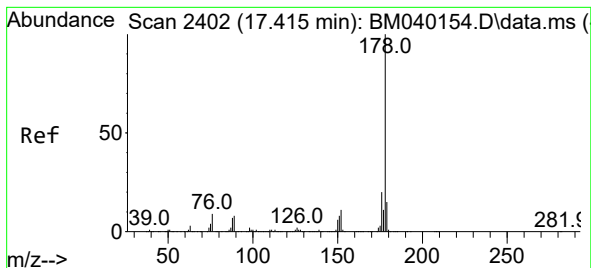
Ion Ratio Lower Upper

266 100

268 64.7 50.4 75.6

264 62.9 50.1 75.1





#71

Phenanthrene

Concen: 43.087 ng

RT: 17.415 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

PB153297BS

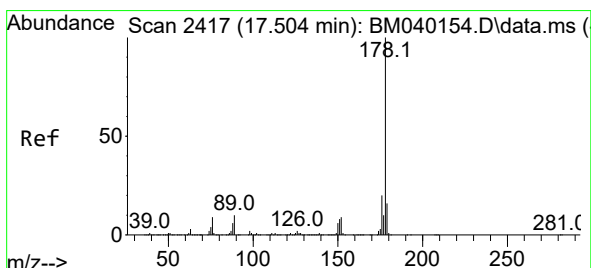
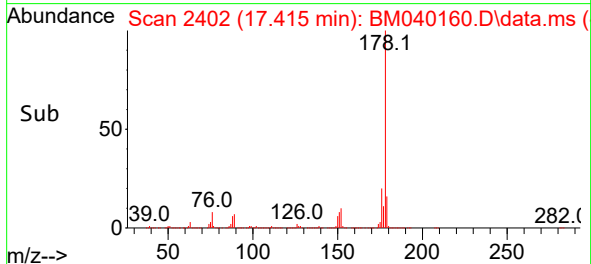
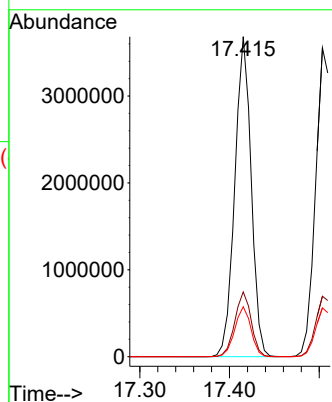
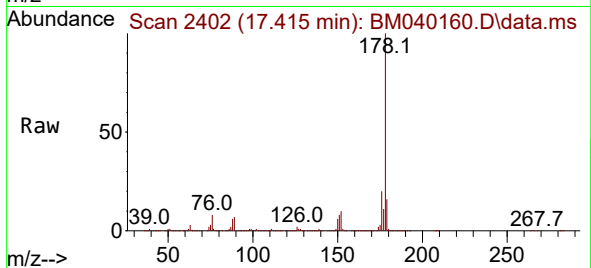
Tgt Ion:178 Resp: 4664595

Ion Ratio Lower Upper

178 100

176 20.3 16.4 24.6

179 15.6 12.3 18.5



#72

Anthracene

Concen: 43.988 ng

RT: 17.503 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

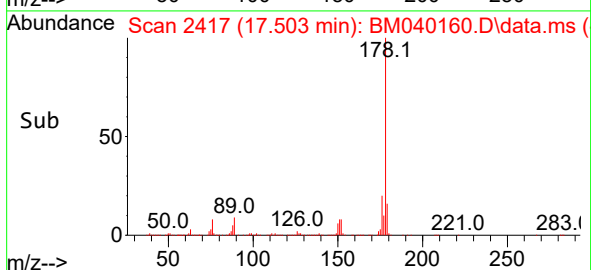
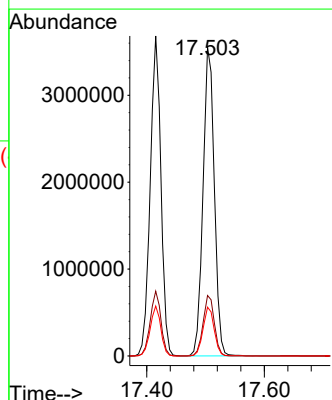
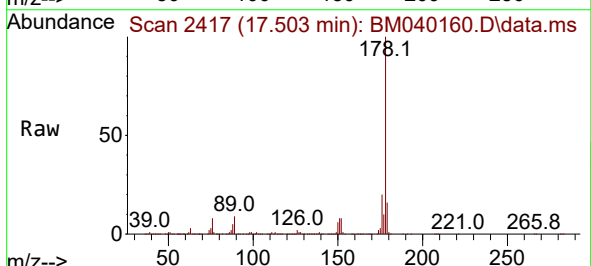
Tgt Ion:178 Resp: 4750840

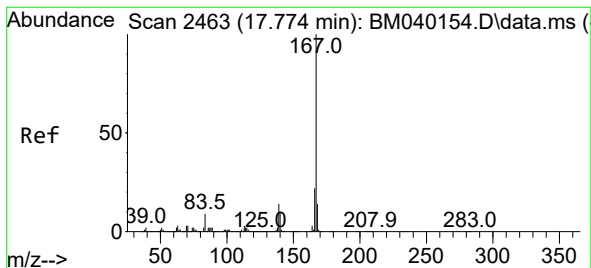
Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

179 15.8 12.6 19.0





#73

Carbazole

Concen: 44.090 ng

RT: 17.774 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

PB153297BS

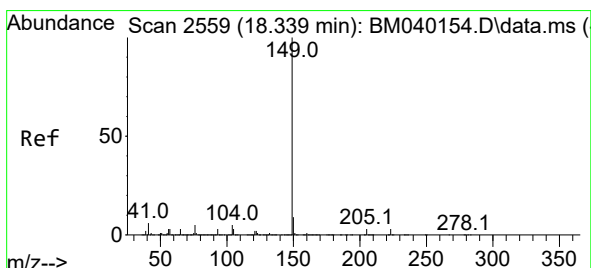
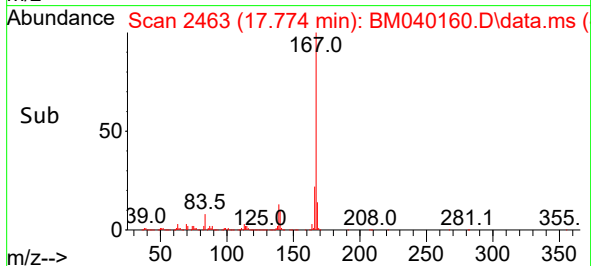
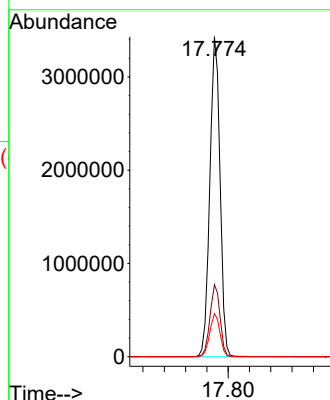
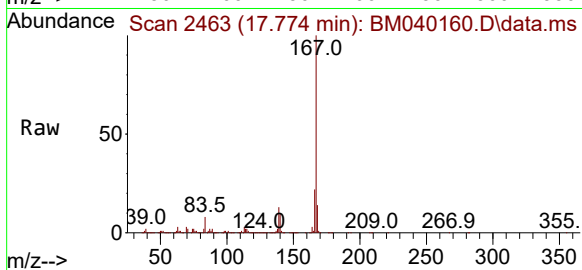
Tgt Ion:167 Resp: 4542036

Ion Ratio Lower Upper

167 100

166 22.5 17.8 26.8

139 13.5 11.0 16.4



#74

Di-n-butylphthalate

Concen: 43.615 ng

RT: 18.339 min Scan# 2559

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

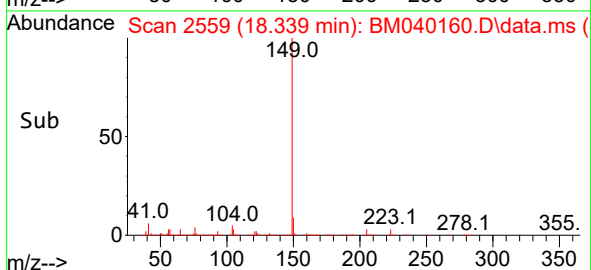
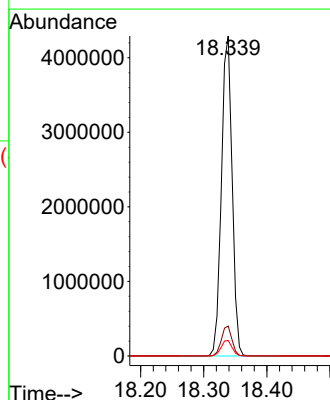
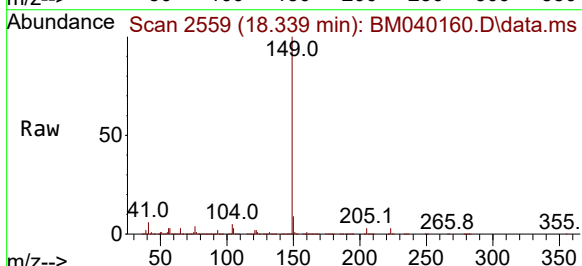
Tgt Ion:149 Resp: 5039104

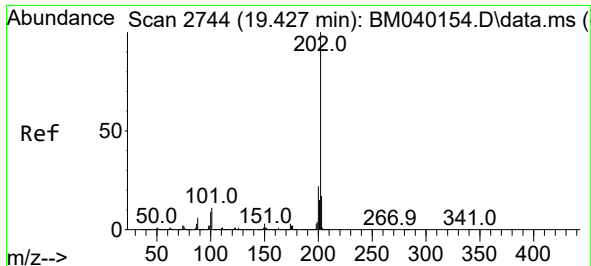
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.9 4.1 6.1

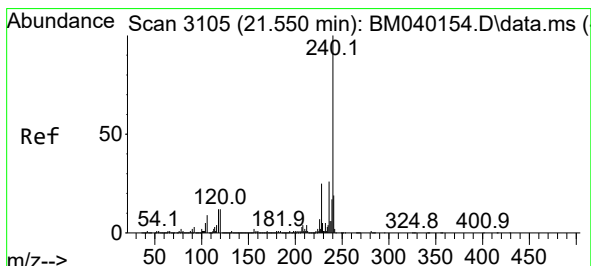
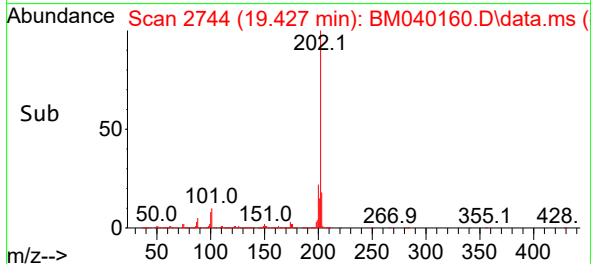
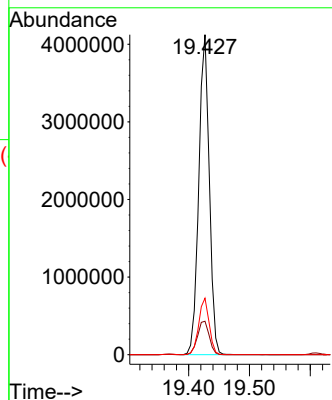
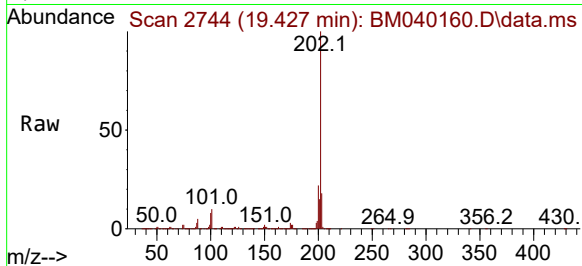




#75
Fluoranthene
Concen: 42.873 ng
RT: 19.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

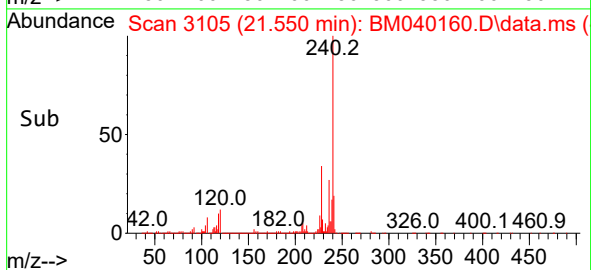
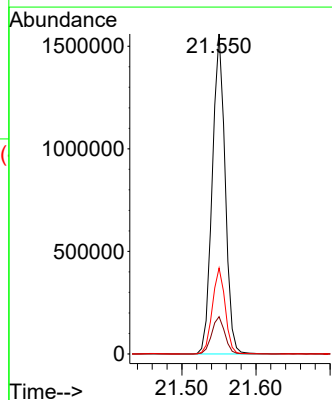
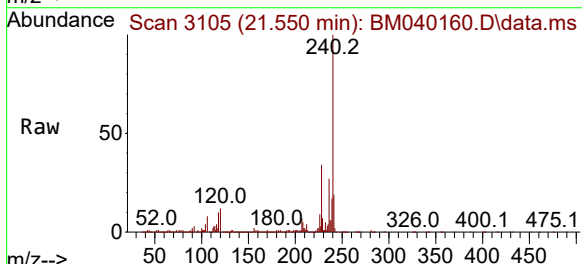
Instrument :
BNA_M
ClientSampleId :
PB153297BS

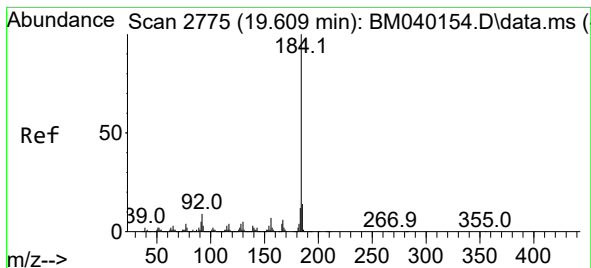
Tgt Ion:202 Resp: 4925410
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.550 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:240 Resp: 1878571
Ion Ratio Lower Upper
240 100
120 11.6 9.9 14.9
236 26.9 21.1 31.7





#77

Benzidine

Concen: 102.860 ng

RT: 19.609 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

PB153297BS

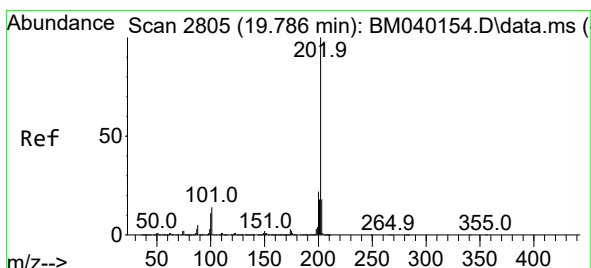
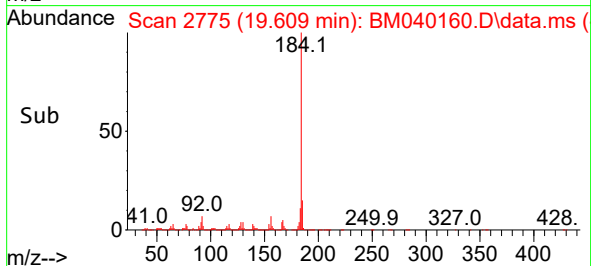
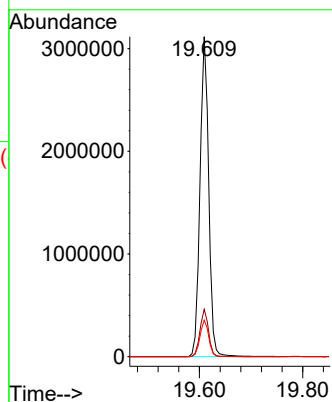
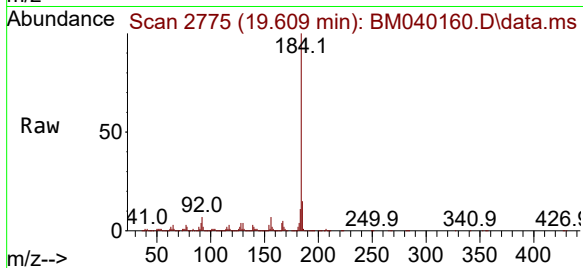
Tgt Ion:184 Resp: 3628926

Ion Ratio Lower Upper

184 100

185 14.8 11.6 17.4

183 11.5 9.4 14.0



#78

Pyrene

Concen: 43.236 ng

RT: 19.786 min Scan# 2805

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

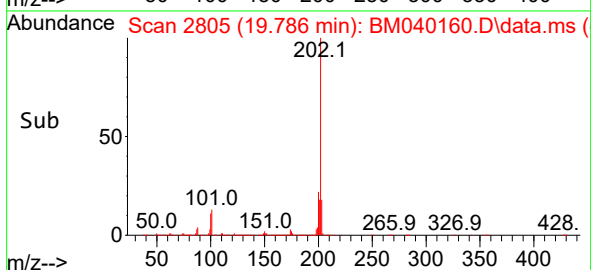
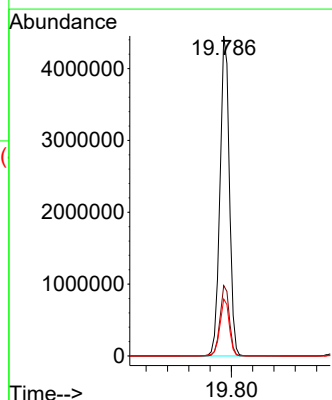
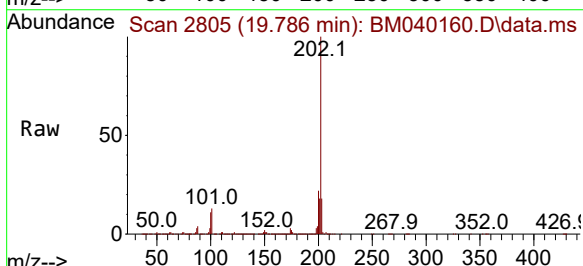
Tgt Ion:202 Resp: 5415991

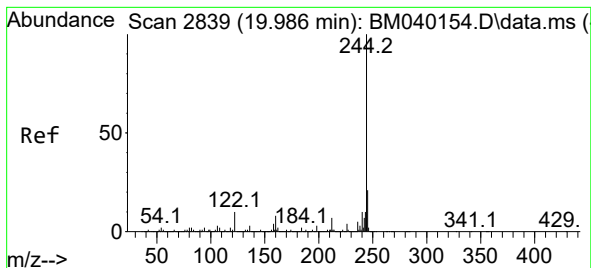
Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.8

203 17.8 14.4 21.6





#79

Terphenyl-d14

Concen: 95.157 ng

RT: 19.992 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

PB153297BS

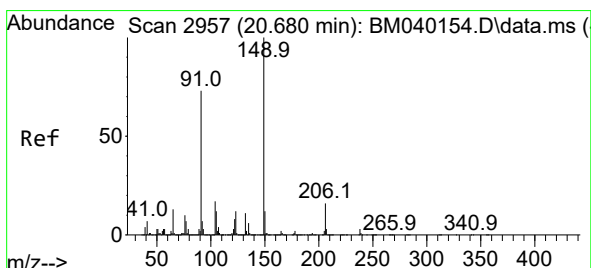
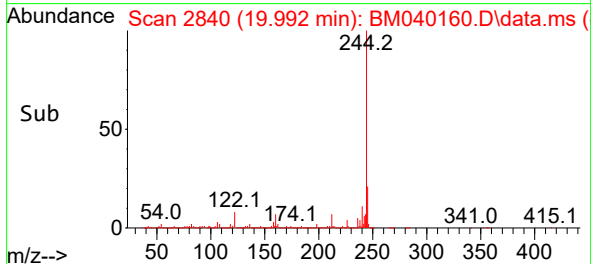
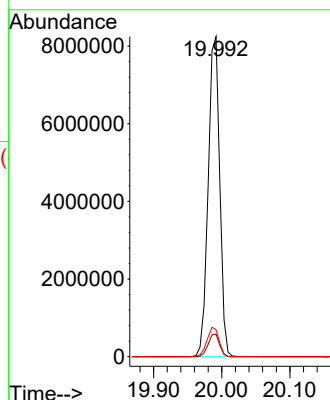
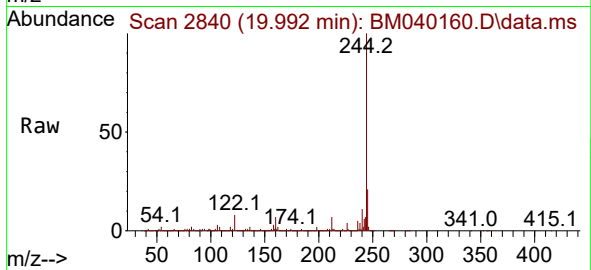
Tgt Ion:244 Resp: 9697292

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 8.5 7.9 11.9



#80

Butylbenzylphthalate

Concen: 44.635 ng

RT: 20.680 min Scan# 2957

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

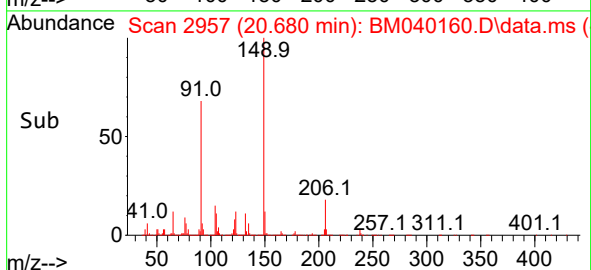
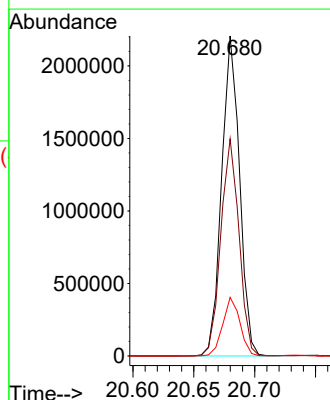
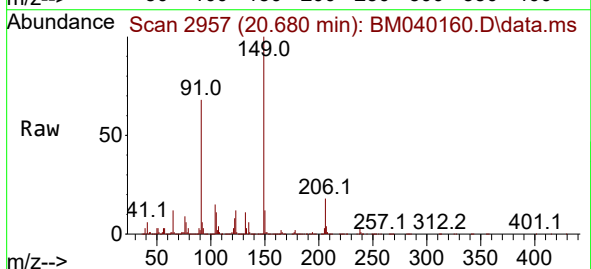
Tgt Ion:149 Resp: 2259951

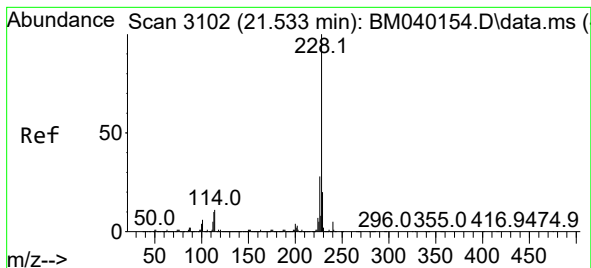
Ion Ratio Lower Upper

149 100

91 67.8 58.3 87.5

206 18.3 13.2 19.8





#81

Benzo(a)anthracene

Concen: 44.333 ng

RT: 21.533 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

PB153297BS

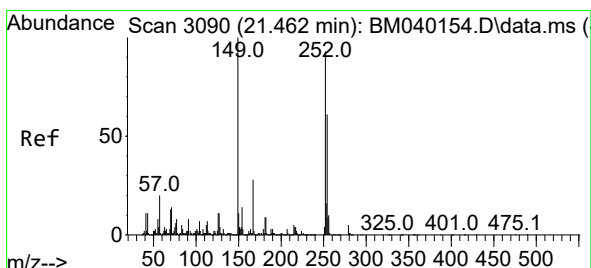
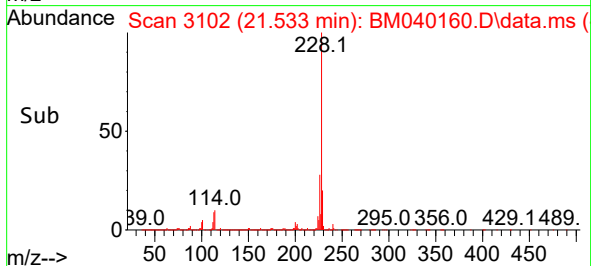
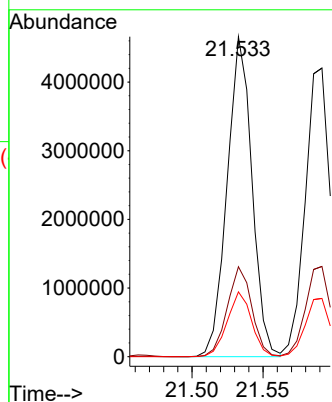
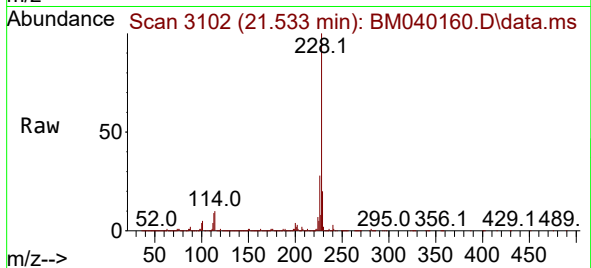
Tgt Ion:228 Resp: 5679172

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

229 20.3 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 40.837 ng

RT: 21.462 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

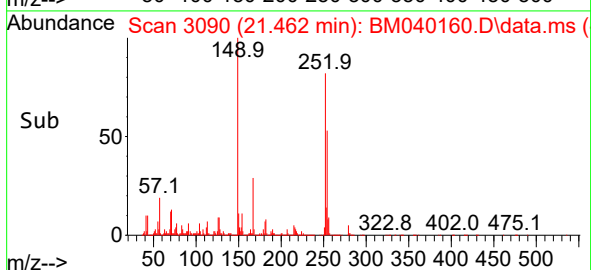
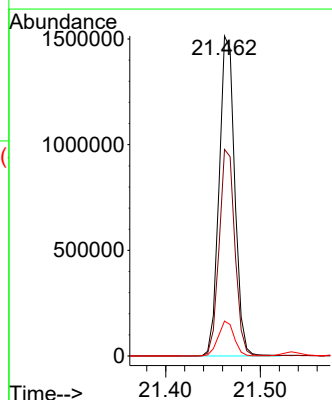
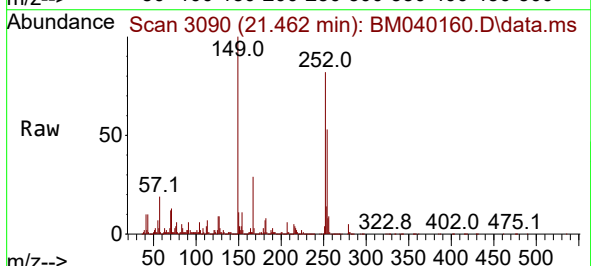
Tgt Ion:252 Resp: 1738616

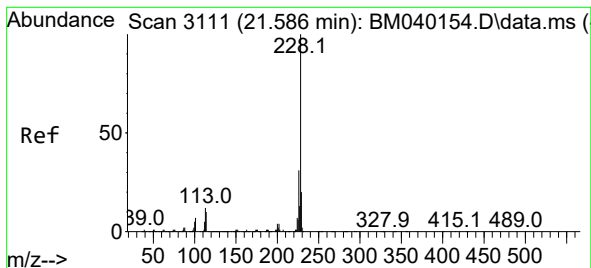
Ion Ratio Lower Upper

252 100

254 64.5 52.2 78.2

126 10.9 9.5 14.3





#83

Chrysene

Concen: 42.817 ng

RT: 21.591 min Scan# 3111

Delta R.T. 0.006 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

PB153297BS

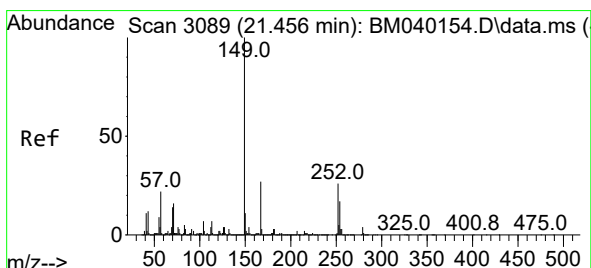
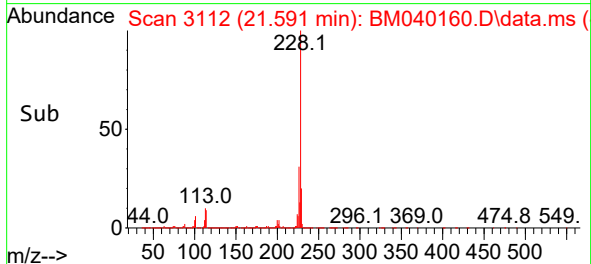
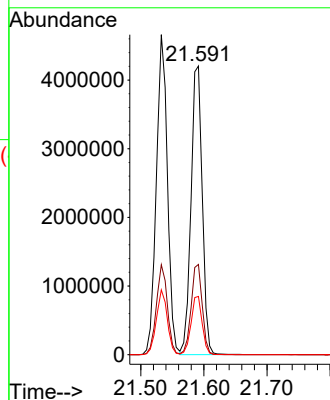
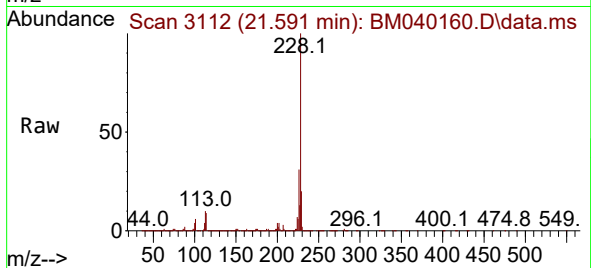
Tgt Ion:228 Resp: 5195980

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

229 20.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.517 ng

RT: 21.456 min Scan# 3089

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

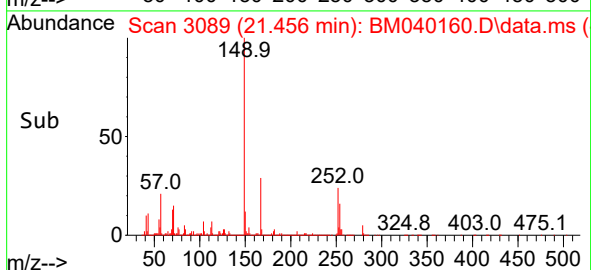
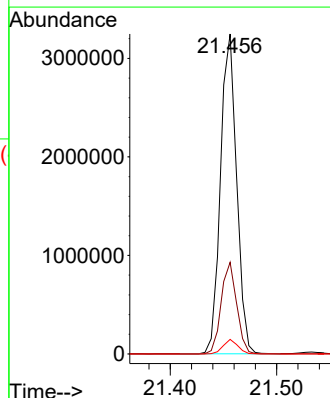
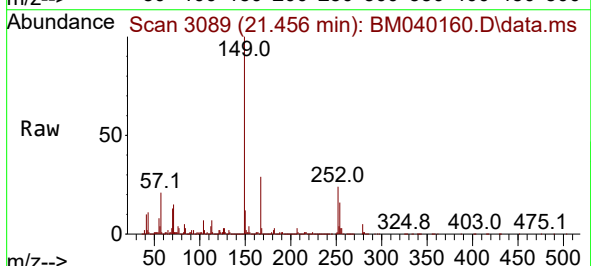
Tgt Ion:149 Resp: 3403333

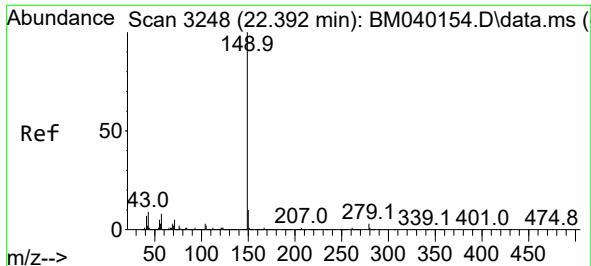
Ion Ratio Lower Upper

149 100

167 28.7 21.7 32.5

279 4.5 3.3 4.9

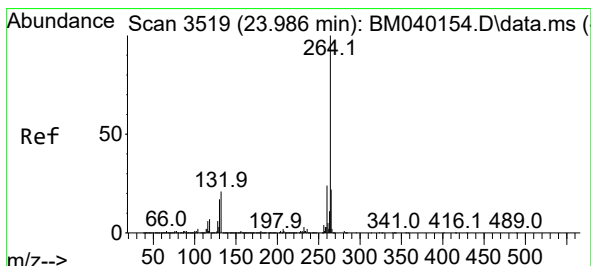
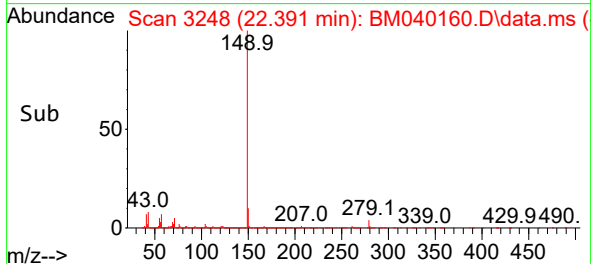
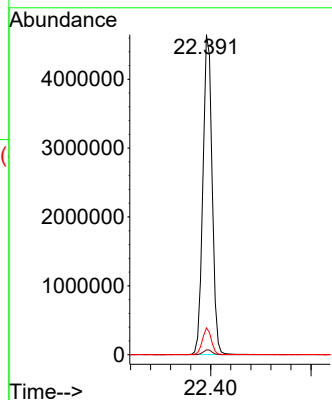
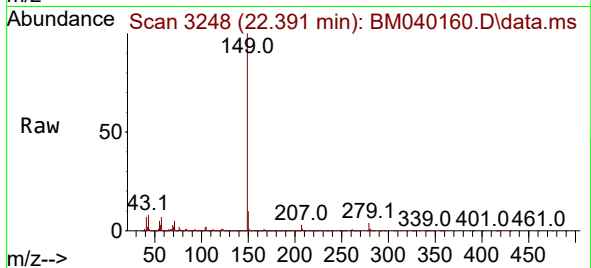




#85
Di-n-octyl phthalate
Concen: 48.654 ng
RT: 22.391 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

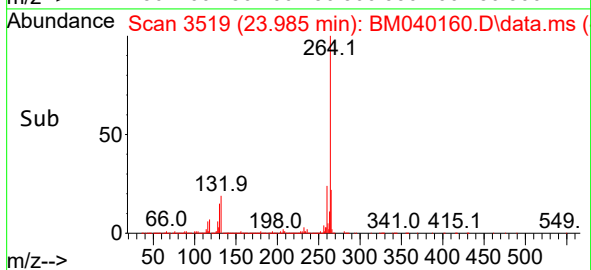
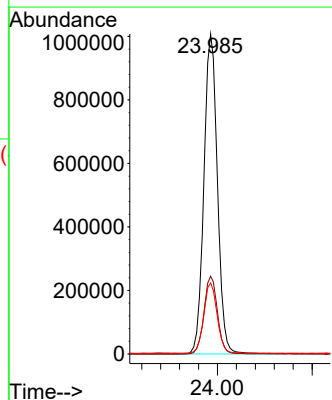
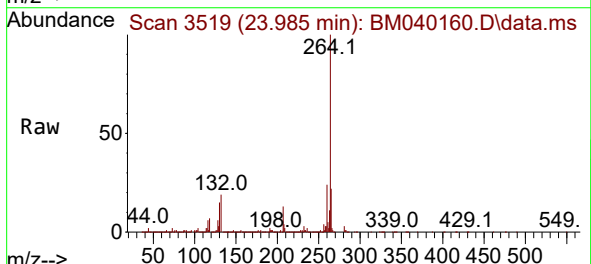
Instrument :
BNA_M
ClientSampleId :
PB153297BS

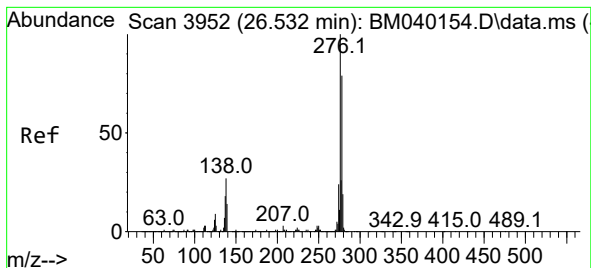
Tgt Ion:149 Resp: 5907521
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 8.2 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.985 min Scan# 3519
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:264 Resp: 1991913
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 22.2 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.738 ng

RT: 26.538 min Scan# 3952

Delta R.T. 0.006 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

PB153297BS

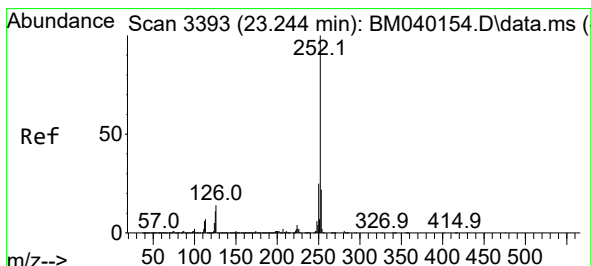
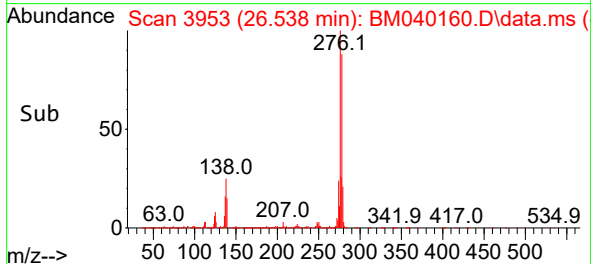
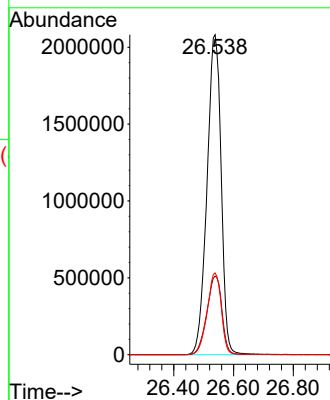
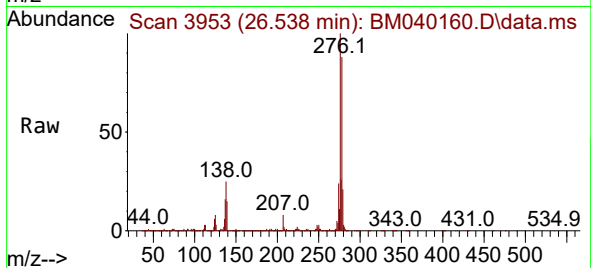
Tgt Ion:276 Resp: 6831224

Ion Ratio Lower Upper

276 100

138 26.2 23.0 34.4

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 46.954 ng

RT: 23.244 min Scan# 3393

Delta R.T. -0.000 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

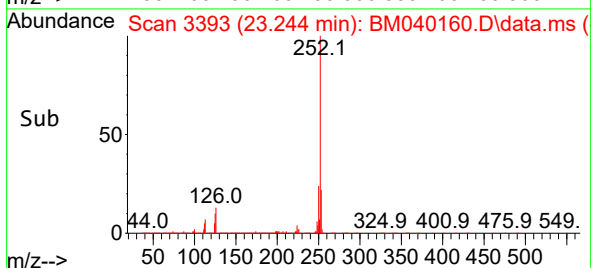
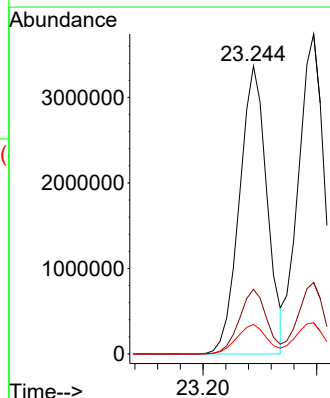
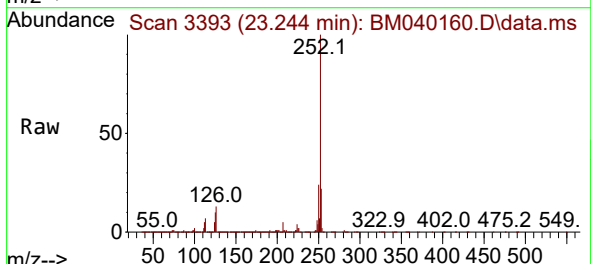
Tgt Ion:252 Resp: 5664497

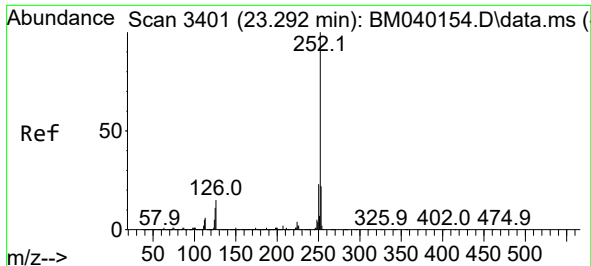
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 10.2 8.6 13.0

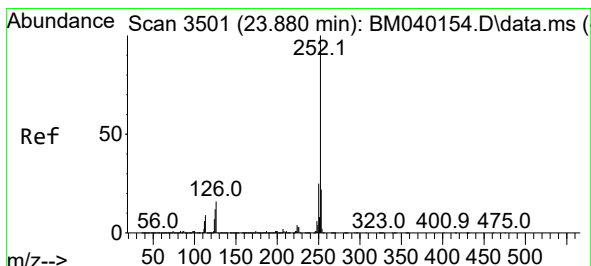
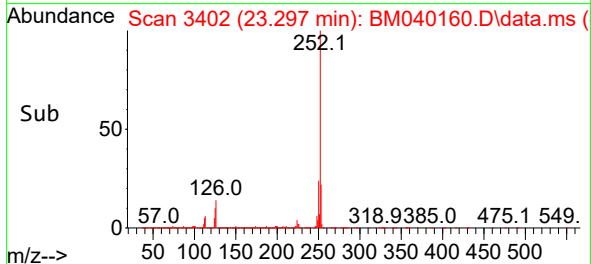
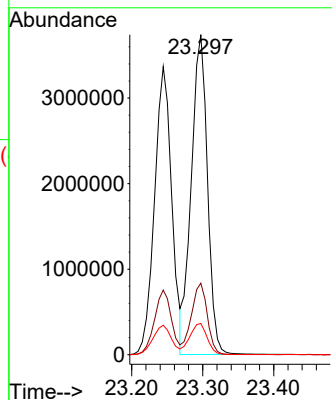
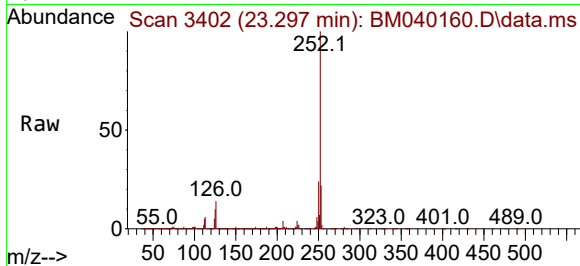




#89
Benzo(k)fluoranthene
Concen: 46.972 ng
RT: 23.297 min Scan# 3401
Delta R.T. 0.006 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

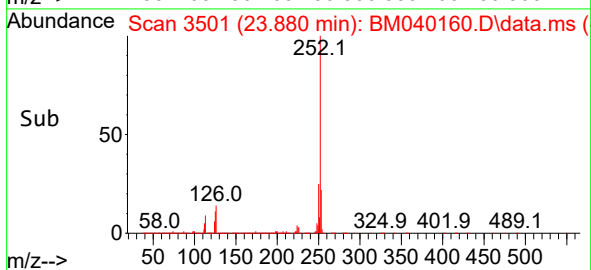
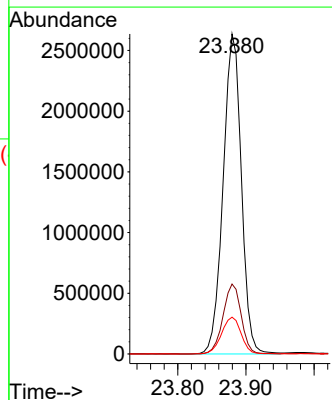
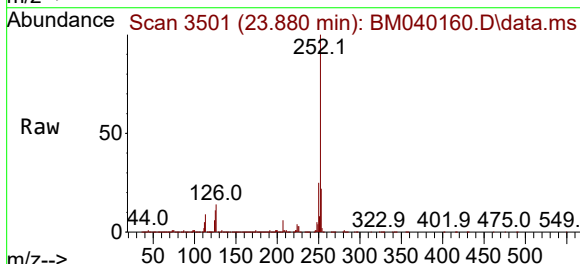
Instrument :
BNA_M
ClientSampleId :
PB153297BS

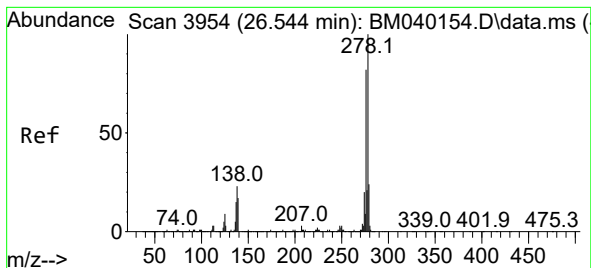
Tgt Ion:252 Resp: 5922494
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.7 9.0 13.4



#90
Benzo(a)pyrene
Concen: 42.520 ng
RT: 23.880 min Scan# 3501
Delta R.T. -0.000 min
Lab File: BM040160.D
Acq: 08 Jun 2023 16:04

Tgt Ion:252 Resp: 4898724
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 11.5 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 46.113 ng

RT: 26.550 min Scan# 3955

Delta R.T. 0.006 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Instrument :

BNA_M

ClientSampleId :

PB153297BS

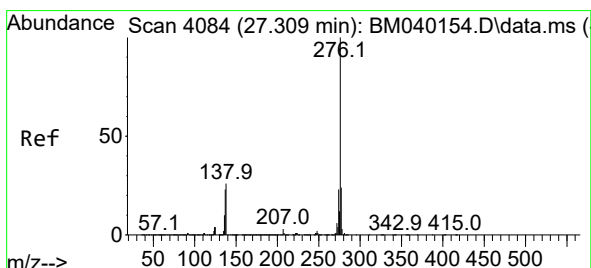
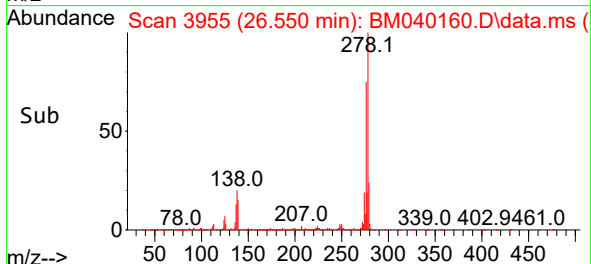
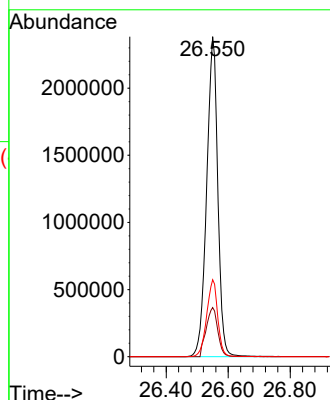
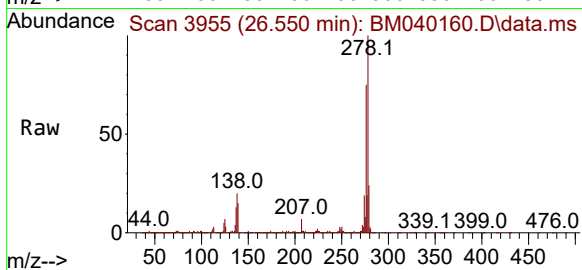
Tgt Ion:278 Resp: 5945475

Ion Ratio Lower Upper

278 100

139 15.3 13.7 20.5

279 24.1 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 43.789 ng

RT: 27.315 min Scan# 4085

Delta R.T. 0.006 min

Lab File: BM040160.D

Acq: 08 Jun 2023 16:04

Tgt Ion:276 Resp: 4849727

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 24.2 20.7 31.1

