

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039550.D
 Acq On : 21 Apr 2023 13:42
 Operator : CG/JU
 Sample : 02270-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-17-7-9-20230410MSD

Quant Time: Apr 22 01:43:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 12:46:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	188795	20.000	ng	0.00
21) Naphthalene-d8	10.625	136	736280	20.000	ng	0.00
39) Acenaphthene-d10	14.477	164	386223	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	681538	20.000	ng	0.00
76) Chrysene-d12	21.418	240	490155	20.000	ng	0.00
86) Perylene-d12	23.783	264	519800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	993870	86.009	ng	0.00
7) Phenol-d6	7.001	99	1318590	77.646	ng	0.00
23) Nitrobenzene-d5	8.989	82	834758	55.520	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	322975	64.443	ng	0.00
45) 2-Fluorobiphenyl	13.095	172	1688202	60.479	ng	0.00
79) Terphenyl-d14	19.859	244	1822900	67.093	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.249	88	247820	51.913	ng	98
3) Pyridine	3.655	79	589624	41.953	ng	98
4) n-Nitrosodimethylamine	3.572	42	305344	53.291	ng	97
6) Aniline	7.160	93	628577	29.338	ng	98
8) 2-Chlorophenol	7.384	128	652886	49.821	ng	99
9) Benzaldehyde	6.960	77	393873	44.981	ng	100
10) Phenol	7.031	94	823040	49.406	ng	98
11) bis(2-Chloroethyl)ether	7.248	93	694242	48.592	ng	99
12) 1,3-Dichlorobenzene	7.701	146	715653	52.410	ng	99
13) 1,4-Dichlorobenzene	7.854	146	715039	52.233	ng	99
14) 1,2-Dichlorobenzene	8.166	146	688451	50.638	ng	99
15) Benzyl Alcohol	8.072	79	556007	44.919	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.354	45	943966	46.836	ng	100
17) 2-Methylphenol	8.284	107	523393	42.551	ng	99
18) Hexachloroethane	8.895	117	281800	51.773	ng	99
19) n-Nitroso-di-n-propyla...	8.637	70	513213	39.940	ng	99
20) 3+4-Methylphenols	8.613	107	707081	41.819	ng	98
22) Acetophenone	8.654	105	970259	49.729	ng	# 99
24) Nitrobenzene	9.037	77	734947	49.631	ng	99
25) Isophorone	9.560	82	1354214	43.489	ng	100
26) 2-Nitrophenol	9.742	139	336311	50.328	ng	97
27) 2,4-Dimethylphenol	9.813	122	551900	47.791	ng	98
28) bis(2-Chloroethoxy)met...	10.042	93	837602	47.321	ng	100
29) 2,4-Dichlorophenol	10.289	162	551659	49.335	ng	99
30) 1,2,4-Trichlorobenzene	10.489	180	615402	51.998	ng	99
31) Naphthalene	10.678	128	1930805	48.533	ng	100
32) Benzoic acid	9.989	122	362098	39.981	ng	99
33) 4-Chloroaniline	10.813	127	319511	19.011	ng	99
34) Hexachlorobutadiene	10.954	225	371578	52.867	ng	99
35) Caprolactam	11.607	113	150512	33.751	ng	98
36) 4-Chloro-3-methylphenol	11.942	107	573065	42.105	ng	99
37) 2-Methylnaphthalene	12.289	142	1262899	43.196	ng	99
38) 1-Methylnaphthalene	12.513	142	1174003	42.613	ng	99
40) 1,2,4,5-Tetrachloroben...	12.660	216	640819	56.885	ng	98
41) Hexachlorocyclopentadiene	12.630	237	829856	130.147	ng	97
43) 2,4,6-Trichlorophenol	12.913	196	407849	52.553	ng	98

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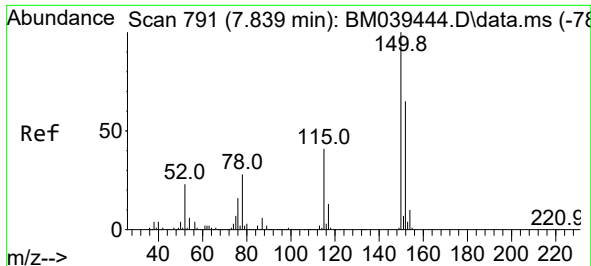
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	430882	46.979	ng	98
46) 1,1'-Biphenyl	13.307	154	1587653	53.358	ng	99
47) 2-Chloronaphthalene	13.348	162	1205249	54.488	ng	100
48) 2-Nitroaniline	13.572	65	346060	45.753	ng	99
49) Acenaphthylene	14.201	152	1823641	48.199	ng	99
50) Dimethylphthalate	13.942	163	1384021	44.269	ng	100
51) 2,6-Dinitrotoluene	14.066	165	294818	44.355	ng	93
52) Acenaphthene	14.542	154	1091035	48.702	ng	99
53) 3-Nitroaniline	14.401	138	255879	37.727	ng	100
54) 2,4-Dinitrophenol	14.613	184	329290	79.084	ng	96
55) Dibenzofuran	14.877	168	1702431	47.293	ng	100
56) 4-Nitrophenol	14.724	139	417609	75.982	ng	96
57) 2,4-Dinitrotoluene	14.860	165	378992	41.715	ng	93
58) Fluorene	15.524	166	1328531	45.504	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.107	232	342093	45.285	ng	100
60) Diethylphthalate	15.307	149	1362960	42.050	ng	99
61) 4-Chlorophenyl-phenyle...	15.518	204	675197	46.658	ng	98
62) 4-Nitroaniline	15.566	138	217352	33.722	ng	97
63) Azobenzene	15.813	77	1468588	46.496	ng	96
65) 4,6-Dinitro-2-methylph...	15.624	198	215098	50.403	ng	98
66) n-Nitrosodiphenylamine	15.742	169	1080121	52.273	ng	98
67) 4-Bromophenyl-phenylether	16.418	248	379777	52.936	ng	97
68) Hexachlorobenzene	16.530	284	426779	54.783	ng	99
69) Atrazine	16.695	200	353671	51.021	ng	99
70) Pentachlorophenol	16.883	266	495197	91.026	ng	99
71) Phenanthrene	17.271	178	1830878	49.540	ng	99
72) Anthracene	17.360	178	1845274	48.675	ng	100
73) Carbazole	17.642	167	1565262	45.396	ng	100
74) Di-n-butylphthalate	18.201	149	2178676	45.456	ng	99
75) Fluoranthene	19.289	202	1888470	42.118	ng	100
77) Benzidine	19.489	184	506993	45.647	ng	99
78) Pyrene	19.653	202	1942126	53.878	ng	99
80) Butylbenzylphthalate	20.553	149	841282	47.066	ng	98
81) Benzo(a)anthracene	21.406	228	1645984	47.287	ng	99
82) 3,3'-Dichlorobenzidine	21.342	252	523766	45.584	ng	99
83) Chrysene	21.459	228	1559791	46.232	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	1251680	45.938	ng	99
85) Di-n-octyl phthalate	22.242	149	2016256	43.032	ng	99
87) Indeno(1,2,3-cd)pyrene	26.230	276	2099131	54.957	ng	100
88) Benzo(b)fluoranthene	23.065	252	1620063	51.118	ng	99
89) Benzo(k)fluoranthene	23.112	252	1608768	48.553	ng	99
90) Benzo(a)pyrene	23.677	252	1438231	45.661	ng	99
91) Dibenzo(a,h)anthracene	26.241	278	1754219	55.254	ng	99
92) Benzo(g,h,i)perylene	26.982	276	1754327	55.749	ng	99

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

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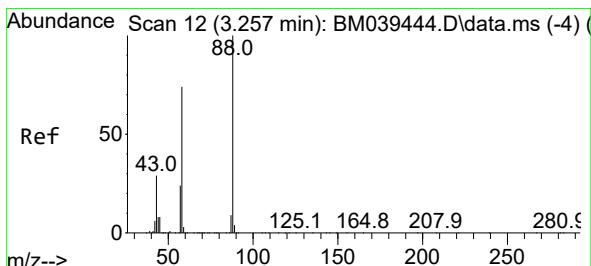
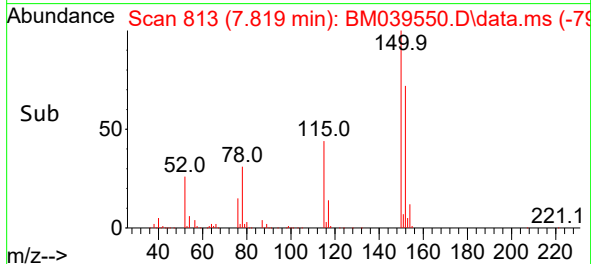
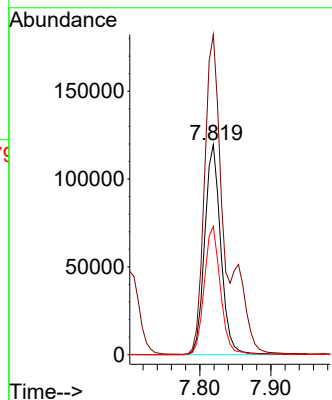
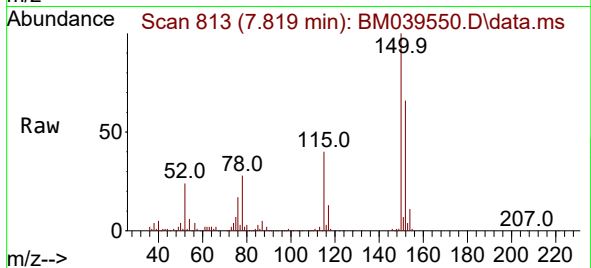




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.819 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039550.D
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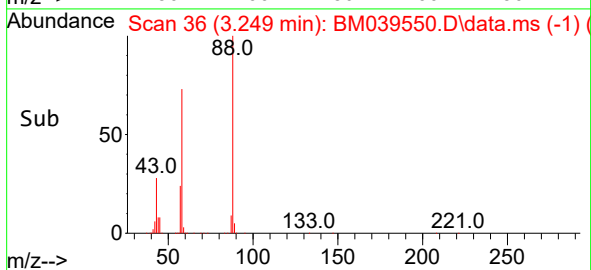
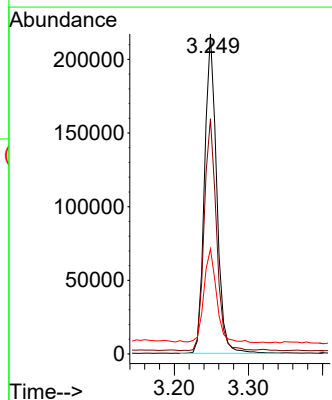
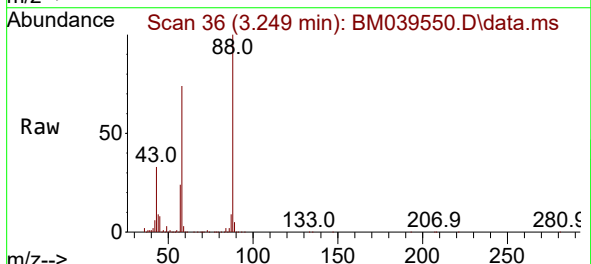
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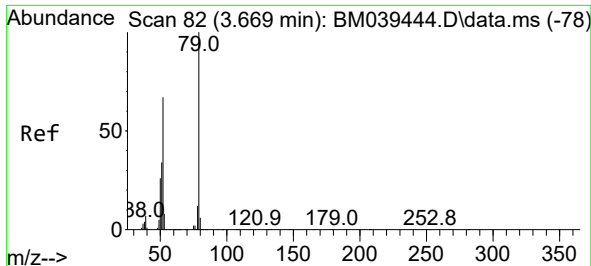
Tgt Ion:152 Resp: 188795
Ion Ratio Lower Upper
152 100
150 152.3 123.0 184.4
115 61.1 49.9 74.9



#2
1,4-Dioxane
Concen: 51.913 ng
RT: 3.249 min Scan# 36
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion: 88 Resp: 247820
Ion Ratio Lower Upper
88 100
58 73.1 59.4 89.2
43 30.9 23.4 35.2

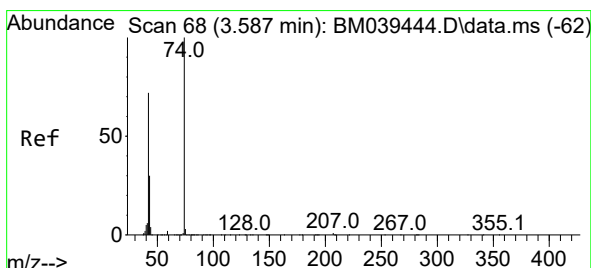
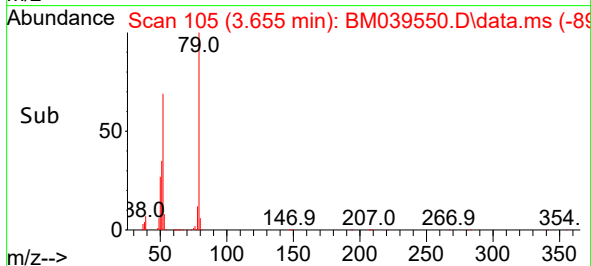
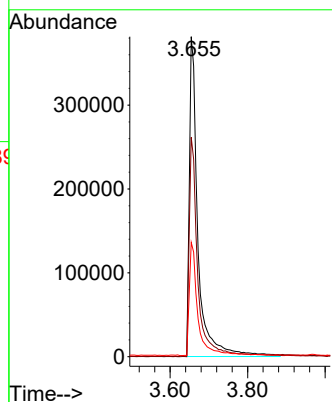
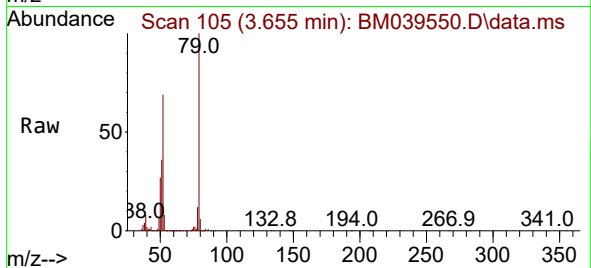




#3
 Pyridine
 Concen: 41.953 ng
 RT: 3.655 min Scan# 105
 Delta R.T. -0.006 min
 Lab File: BM039550.D
 Acq: 21 Apr 2023 13:42

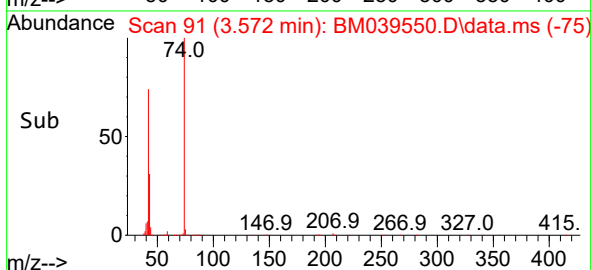
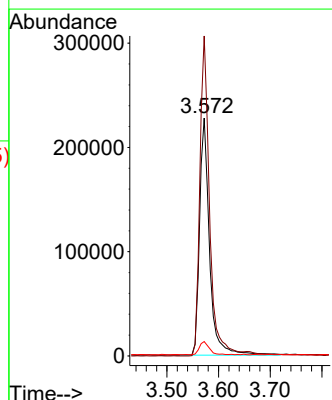
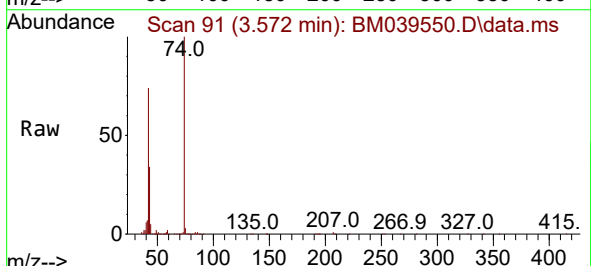
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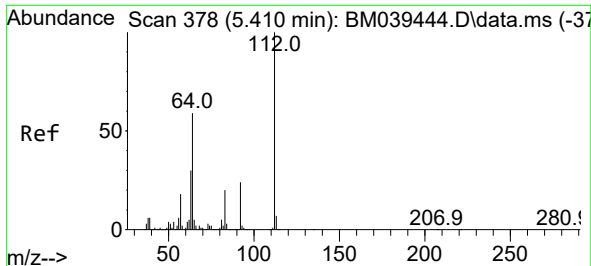
Tgt Ion: 79 Resp: 589624
 Ion Ratio Lower Upper
 79 100
 52 68.6 53.8 80.8
 51 35.7 27.7 41.5



#4
 n-Nitrosodimethylamine
 Concen: 53.291 ng
 RT: 3.572 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BM039550.D
 Acq: 21 Apr 2023 13:42

Tgt Ion: 42 Resp: 305344
 Ion Ratio Lower Upper
 42 100
 74 134.5 110.6 165.8
 44 6.1 5.5 8.3

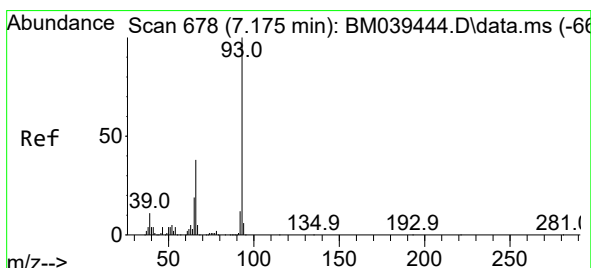
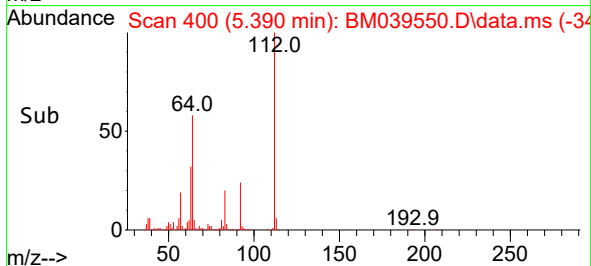
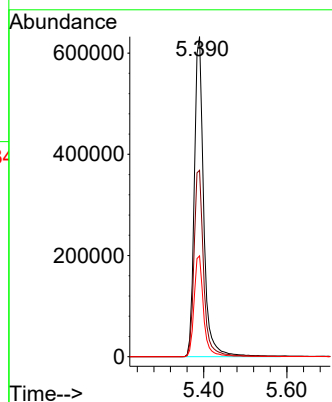
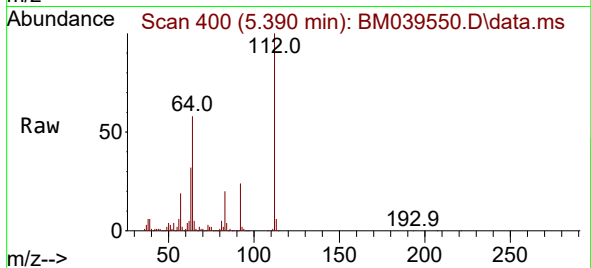




#5
2-Fluorophenol
Concen: 86.009 ng
RT: 5.390 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

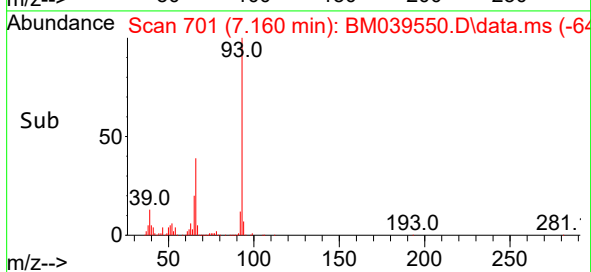
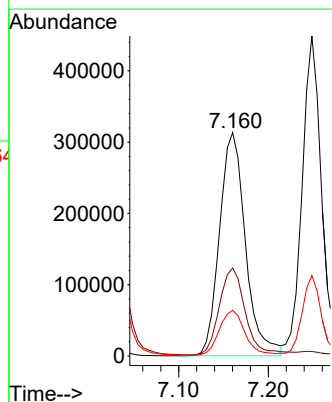
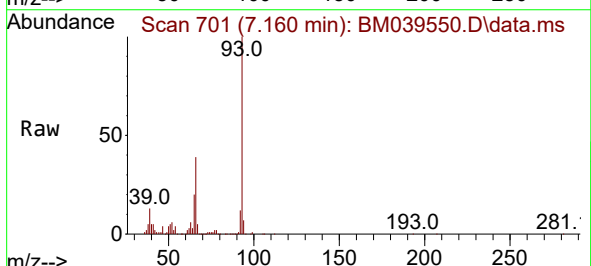
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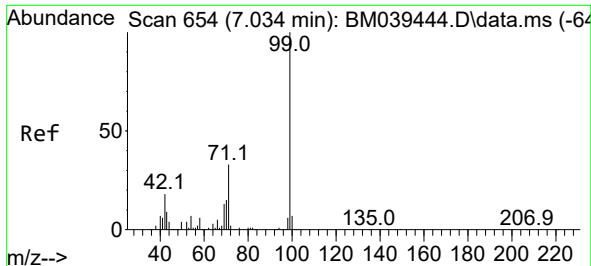
Tgt Ion:112 Resp: 993870
Ion Ratio Lower Upper
112 100
64 58.3 47.0 70.4
63 31.5 24.2 36.4



#6
Aniline
Concen: 29.338 ng
RT: 7.160 min Scan# 701
Delta R.T. 0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion: 93 Resp: 628577
Ion Ratio Lower Upper
93 100
66 39.4 30.6 46.0
65 20.5 15.7 23.5

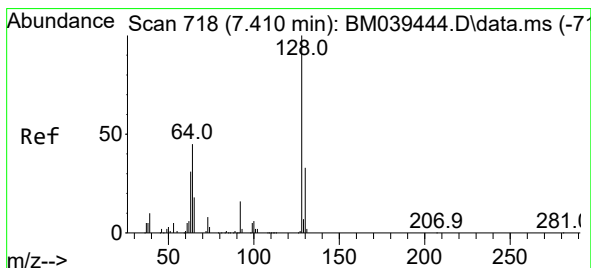
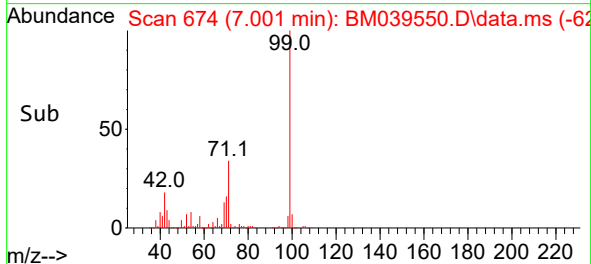
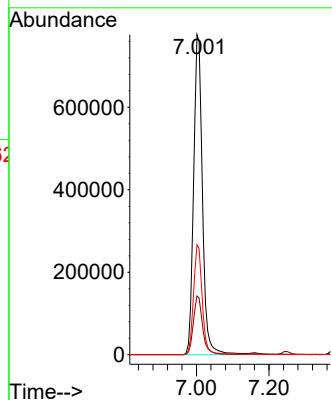
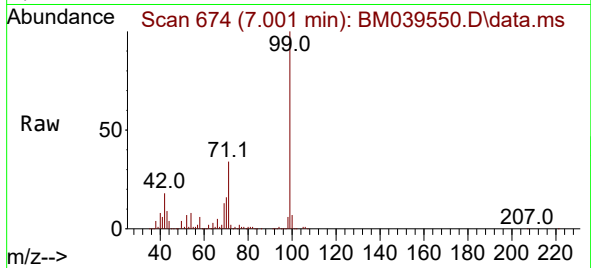




#7
Phenol-d6
Concen: 77.646 ng
RT: 7.001 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

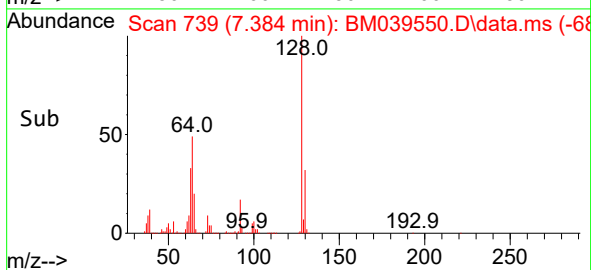
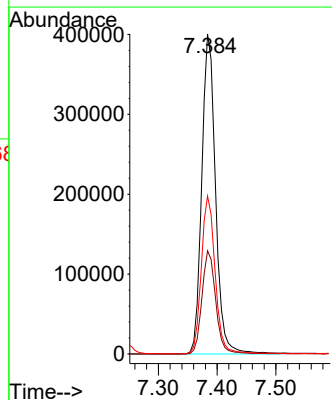
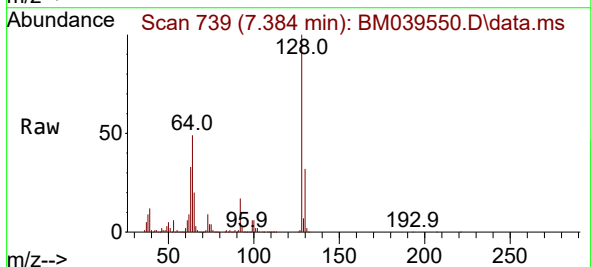
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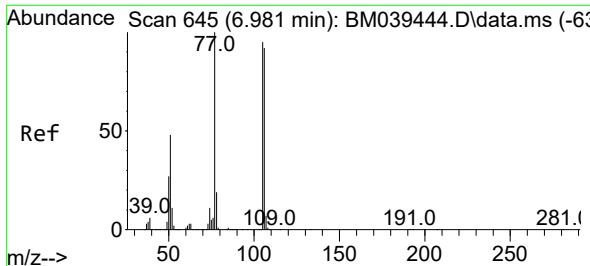
Tgt Ion: 99 Resp: 1318590
Ion Ratio Lower Upper
99 100
42 18.3 14.2 21.4
71 34.3 26.8 40.2



#8
2-Chlorophenol
Concen: 49.821 ng
RT: 7.384 min Scan# 739
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion: 128 Resp: 652886
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 49.3 29.0 69.0

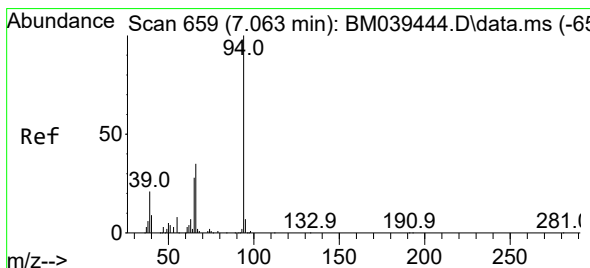
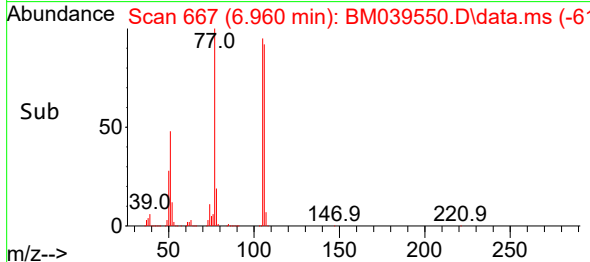
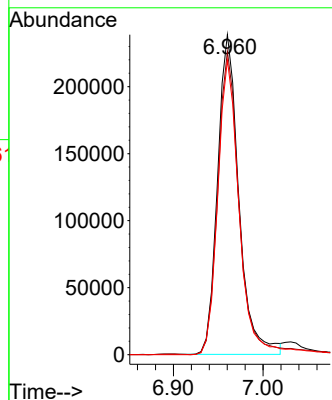
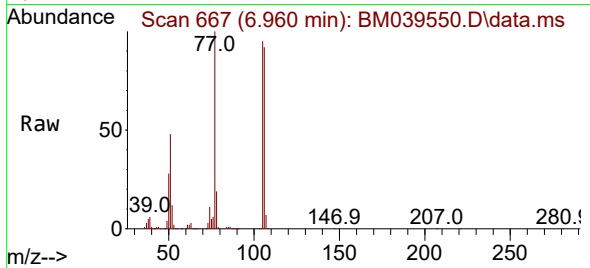




#9
Benzaldehyde
Concen: 44.981 ng
RT: 6.960 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

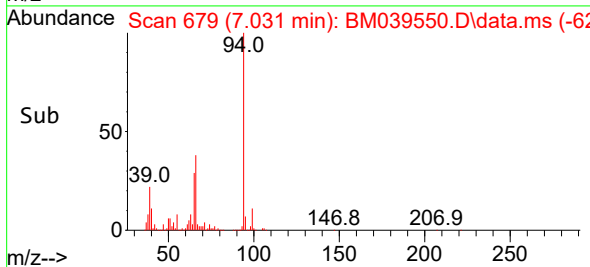
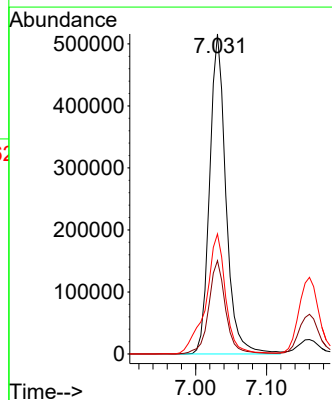
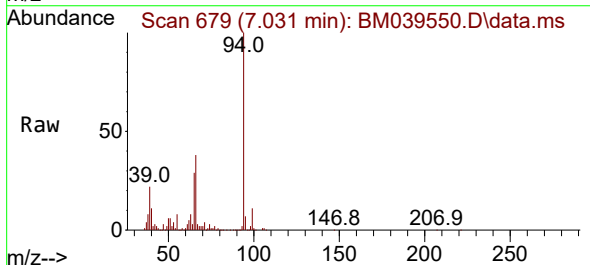
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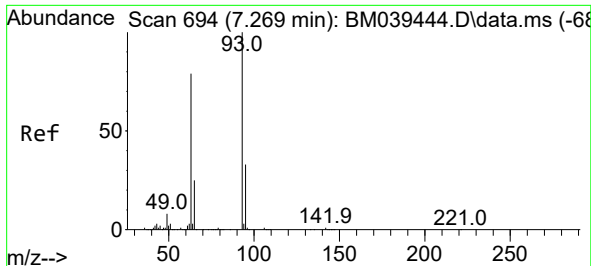
Tgt Ion: 77 Resp: 393873
Ion Ratio Lower Upper
77 100
105 94.8 75.3 115.3
106 92.1 71.9 111.9



#10
Phenol
Concen: 49.406 ng
RT: 7.031 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion: 94 Resp: 823040
Ion Ratio Lower Upper
94 100
65 29.1 8.2 48.2
66 37.5 16.7 56.7

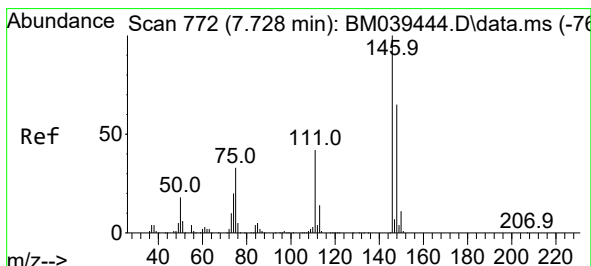
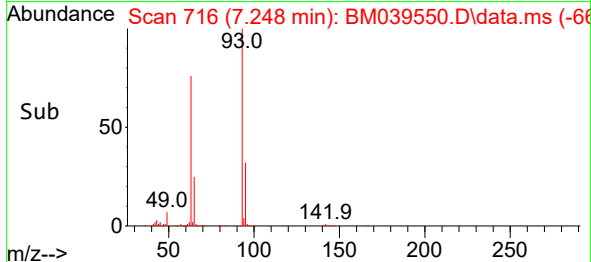
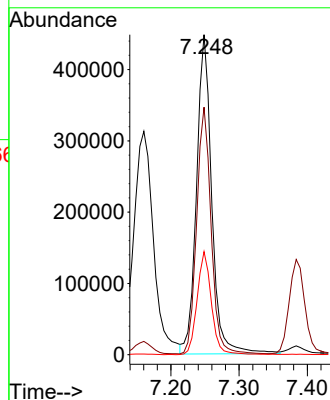
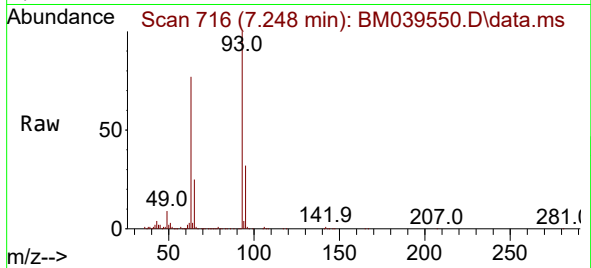




#11
bis(2-Chloroethyl)ether
Concen: 48.592 ng
RT: 7.248 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

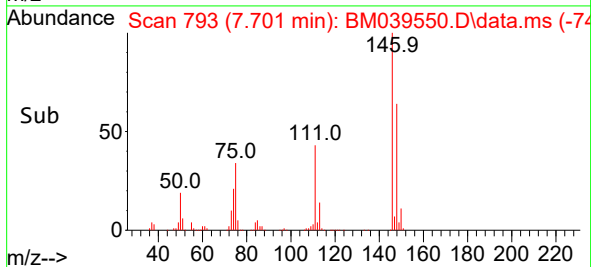
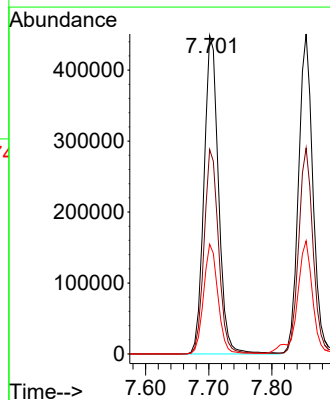
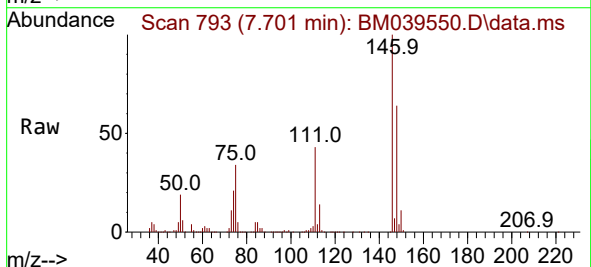
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

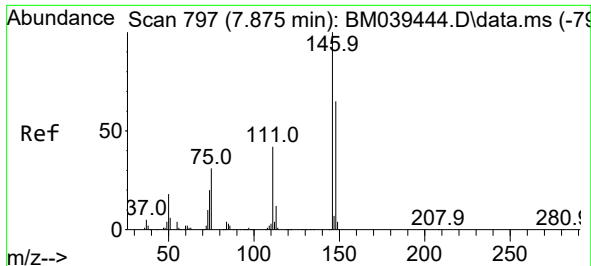
Tgt Ion: 93 Resp: 694242
Ion Ratio Lower Upper
93 100
63 77.4 58.1 98.1
95 32.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 52.410 ng
RT: 7.701 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion:146 Resp: 715653
Ion Ratio Lower Upper
146 100
148 64.3 52.0 78.0
75 34.5 26.6 39.8

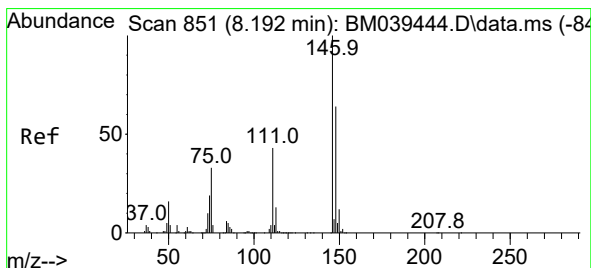
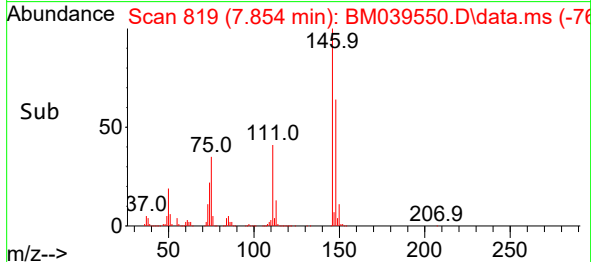
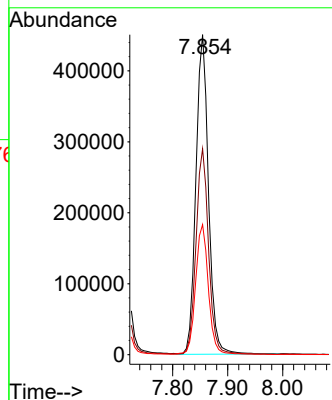
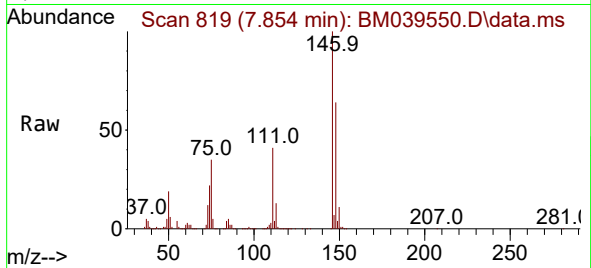




#13
1,4-Dichlorobenzene
Concen: 52.233 ng
RT: 7.854 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

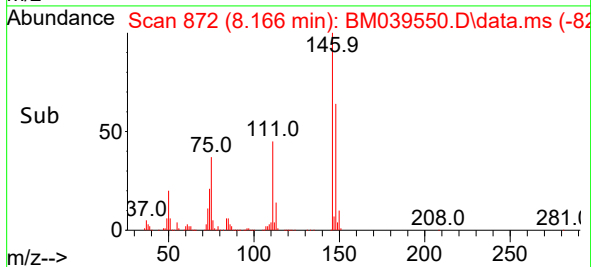
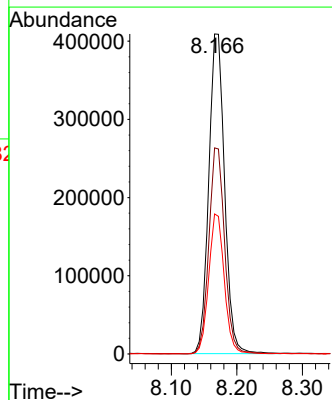
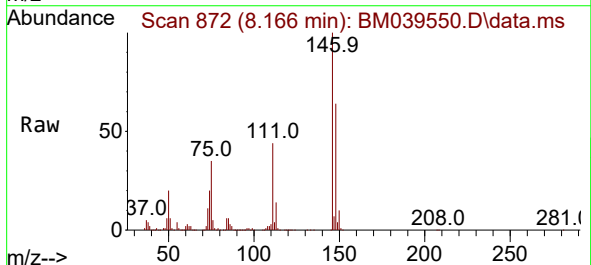
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

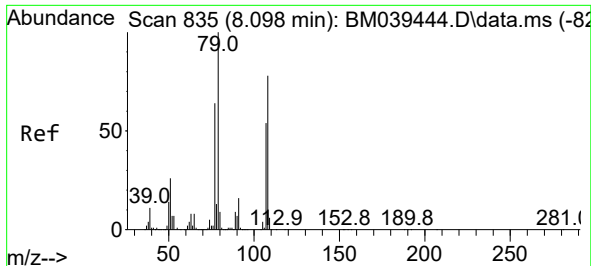
Tgt Ion:146 Resp: 715039
Ion Ratio Lower Upper
146 100
148 64.4 51.7 77.5
111 40.7 33.5 50.3



#14
1,2-Dichlorobenzene
Concen: 50.638 ng
RT: 8.166 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion:146 Resp: 688451
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 43.7 34.3 51.5

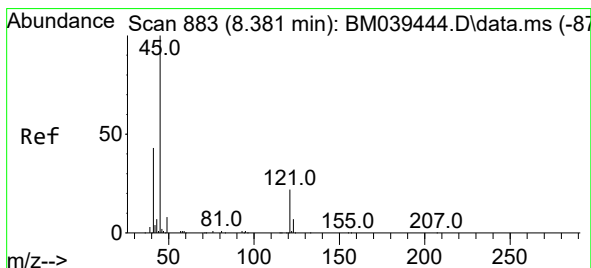
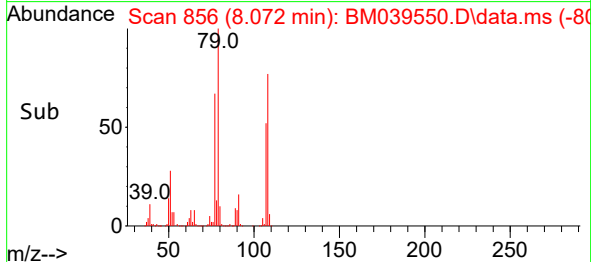
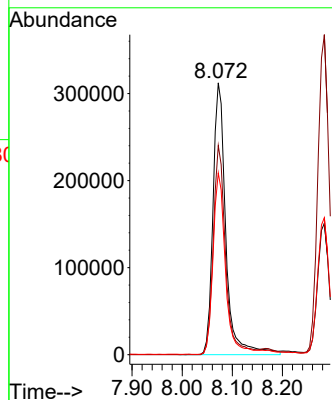
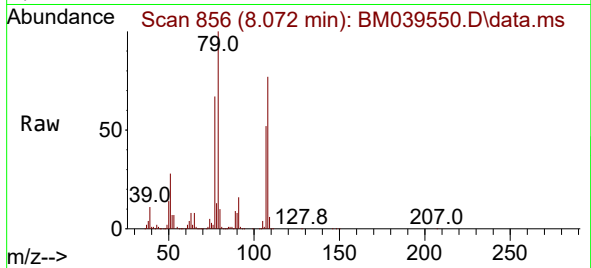




#15
Benzyl Alcohol
Concen: 44.919 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

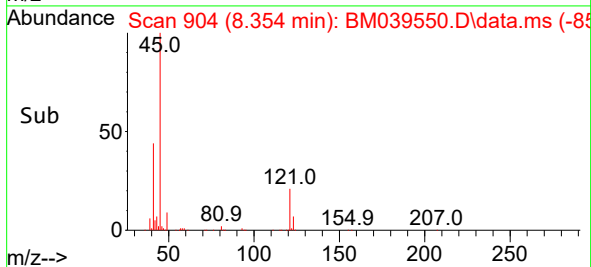
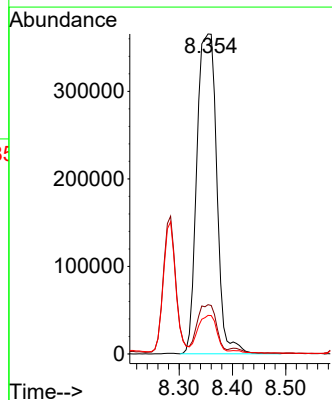
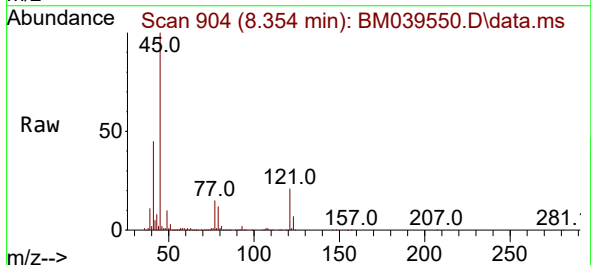
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

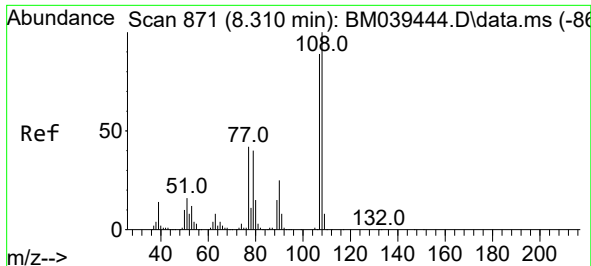
Tgt Ion: 79 Resp: 556007
Ion Ratio Lower Upper
79 100
108 76.9 62.6 93.8
77 66.9 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.836 ng
RT: 8.354 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion: 45 Resp: 943966
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.3
79 12.1 0.0 32.2

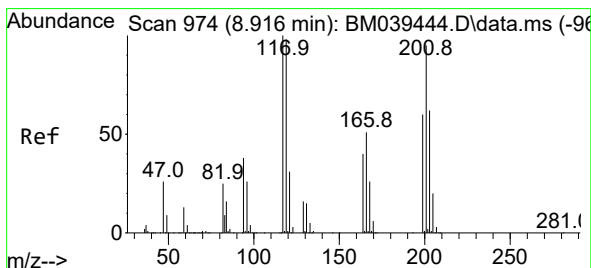
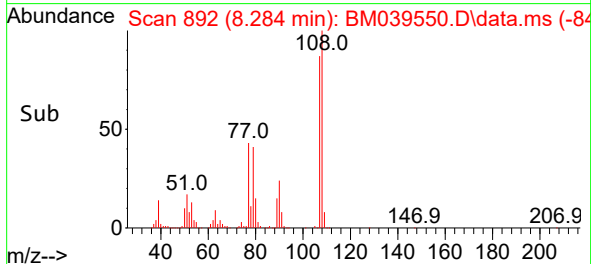
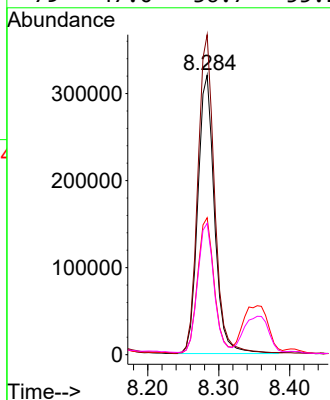
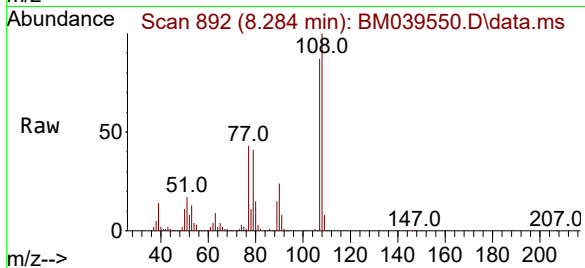




#17
2-Methylphenol
Concen: 42.551 ng
RT: 8.284 min Scan# 892
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

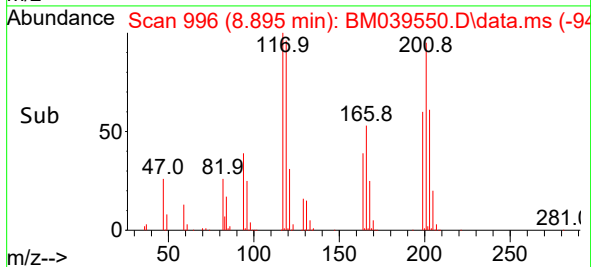
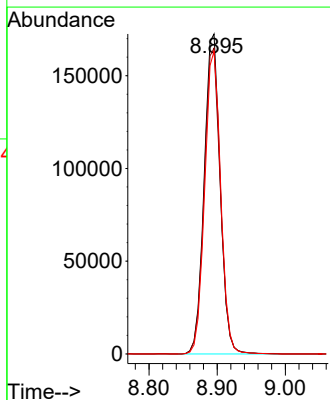
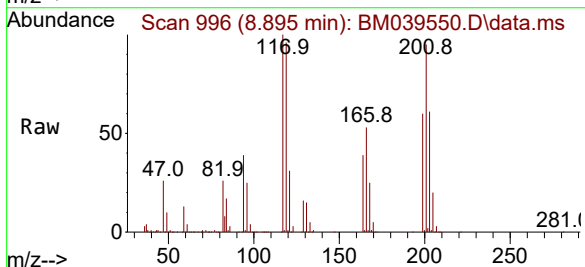
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

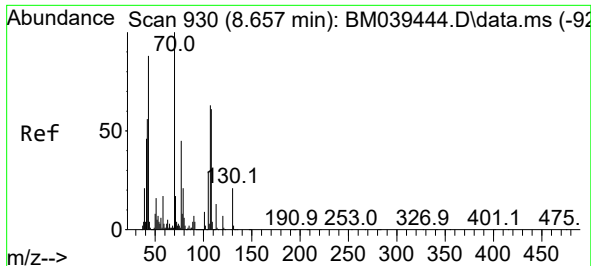
Tgt Ion:	107	Resp:	523393
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.3	135.5
77	49.0	38.6	58.0
79	47.0	36.7	55.1



#18
Hexachloroethane
Concen: 51.773 ng
RT: 8.895 min Scan# 996
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion:	117	Resp:	281800
Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.2	117.2
201	94.6	76.0	114.0

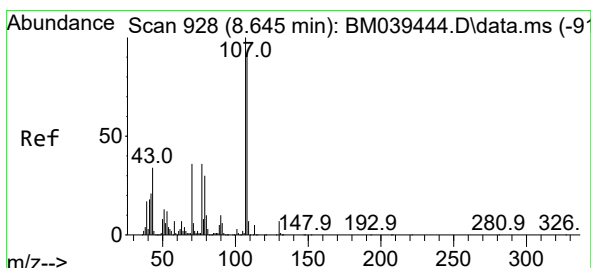
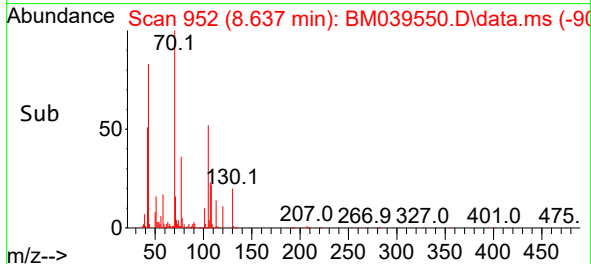
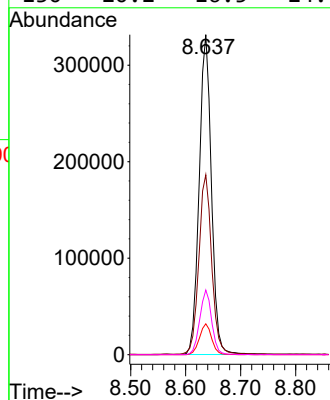
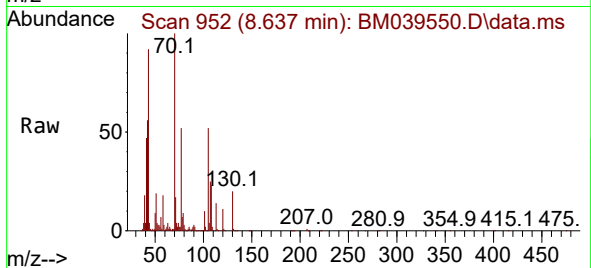




#19
n-Nitroso-di-n-propylamine
Concen: 39.940 ng
RT: 8.637 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

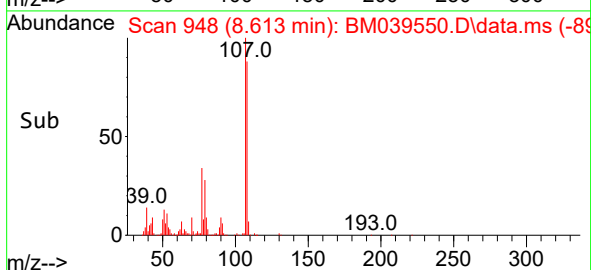
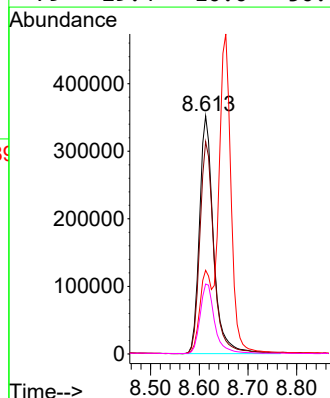
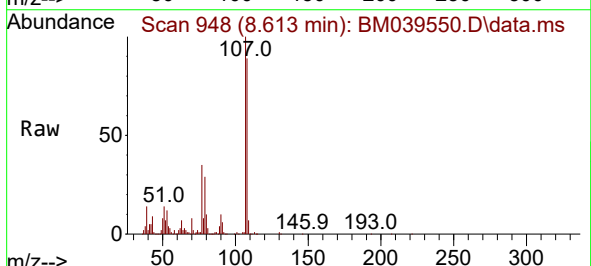
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

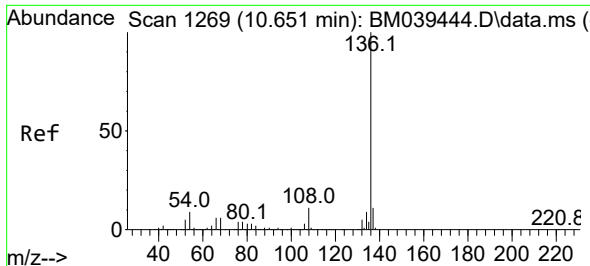
Tgt Ion:	70	Resp:	513213
Ion	Ratio	Lower	Upper
70	100		
42	56.2	44.7	67.1
101	9.7	7.5	11.3
130	20.2	16.5	24.7



#20
3+4-Methylphenols
Concen: 41.819 ng
RT: 8.613 min Scan# 948
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion:	107	Resp:	707081
Ion	Ratio	Lower	Upper
107	100		
108	89.2	71.6	111.6
77	35.2	16.2	56.2
79	29.4	10.0	50.0

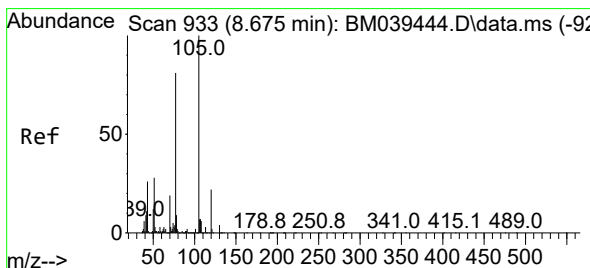
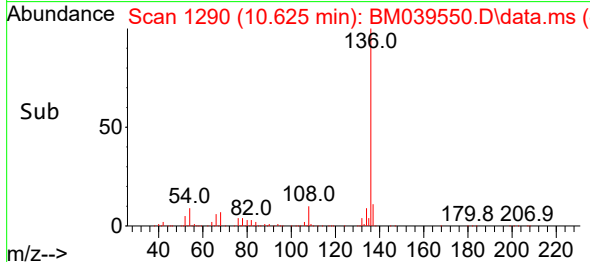
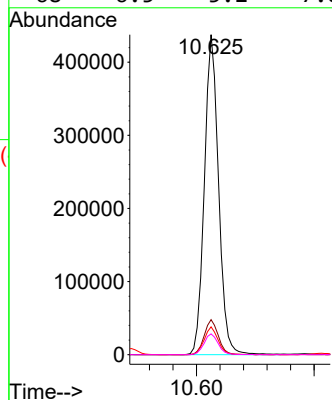
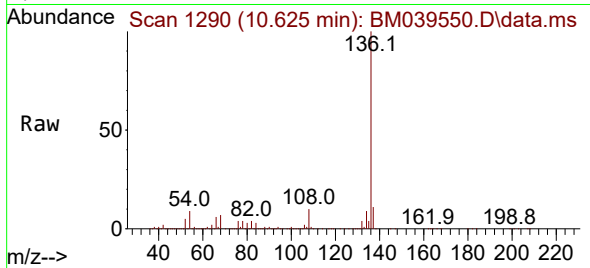




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

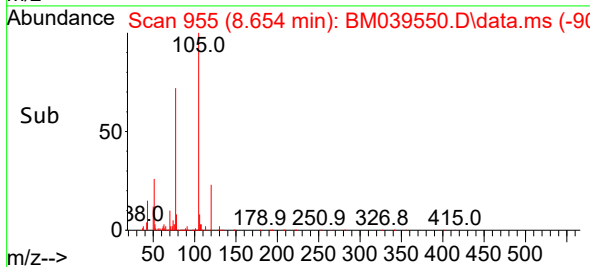
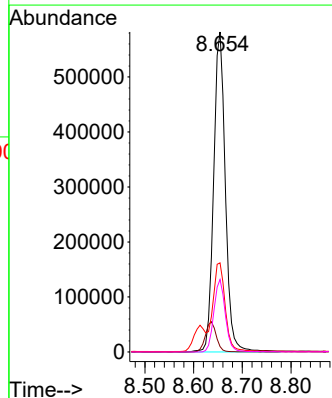
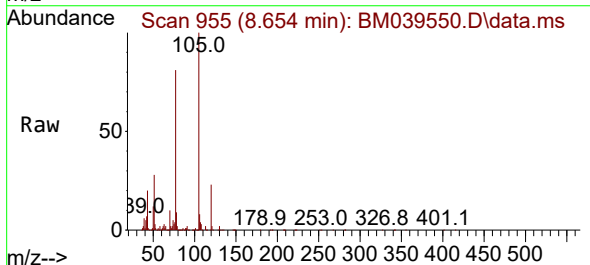
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

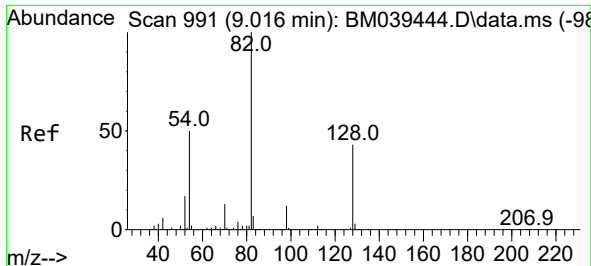
Tgt Ion:136 Resp: 736280
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 6.9 10.3
68 6.5 5.2 7.8



#22
Acetophenone
Concen: 49.729 ng
RT: 8.654 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion:105 Resp: 970259
Ion Ratio Lower Upper
105 100
71 1.7 2.6 3.8#
51 27.9 22.3 33.5
120 22.6 17.8 26.8

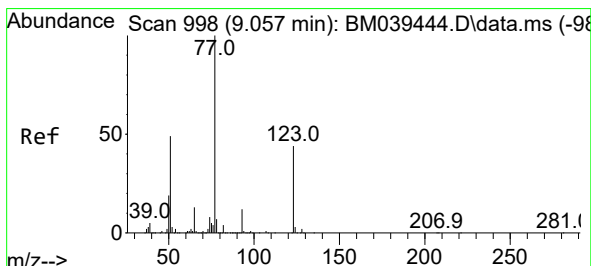
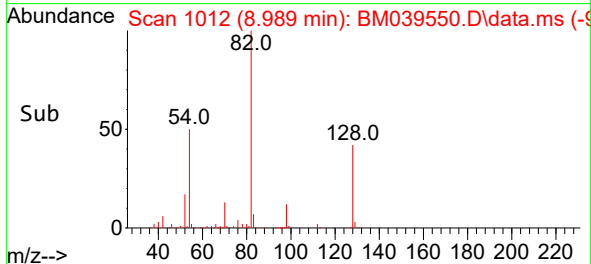
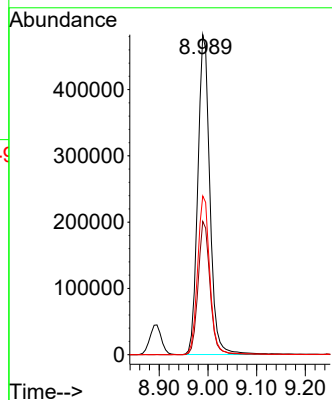
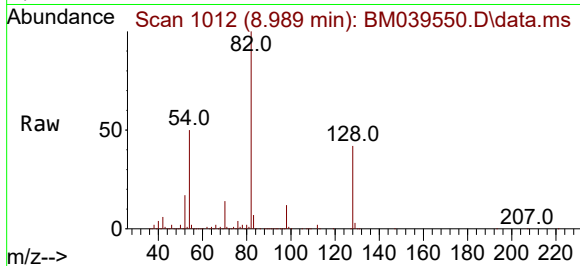




#23
Nitrobenzene-d5
Concen: 55.520 ng
RT: 8.989 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

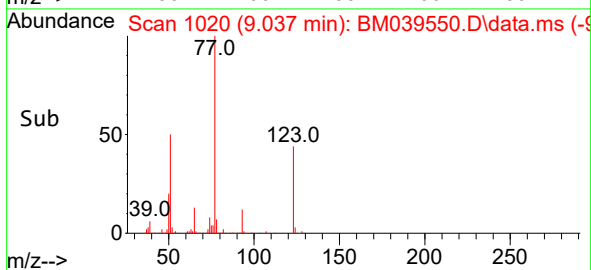
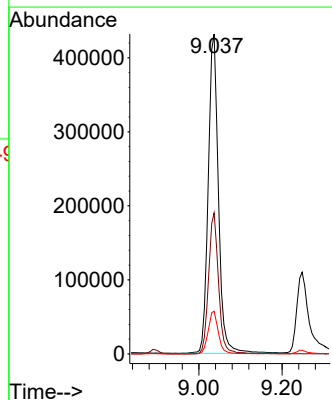
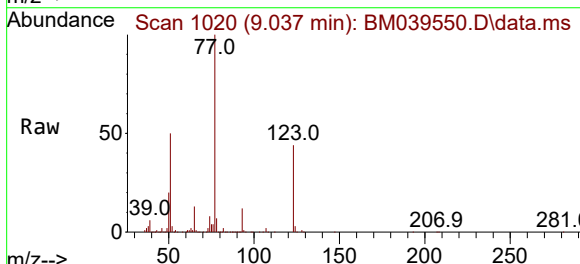
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

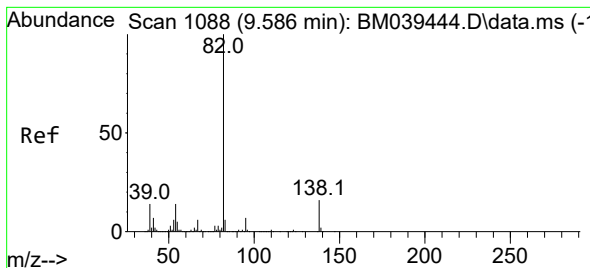
Tgt Ion: 82 Resp: 834758
Ion Ratio Lower Upper
82 100
128 41.7 34.2 51.2
54 49.6 39.7 59.5



#24
Nitrobenzene
Concen: 49.631 ng
RT: 9.037 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion: 77 Resp: 734947
Ion Ratio Lower Upper
77 100
123 44.1 35.0 52.6
65 13.4 10.4 15.6





#25

Isophorone

Concen: 43.489 ng

RT: 9.560 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BM039550.D

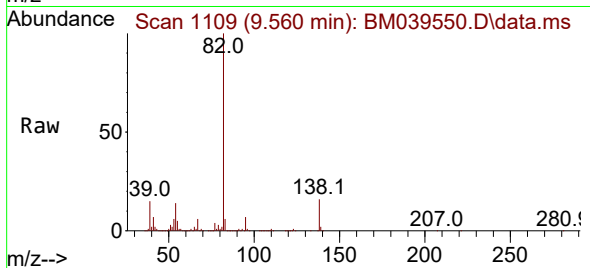
Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD



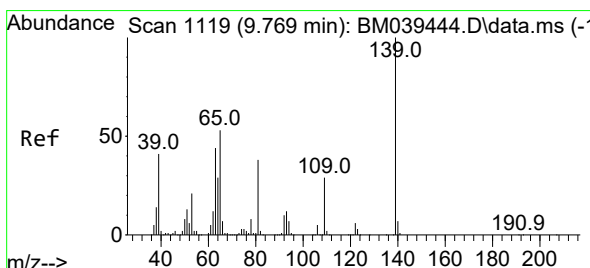
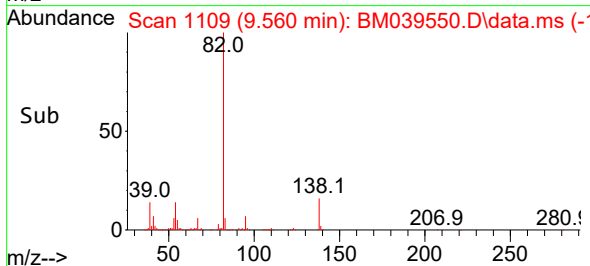
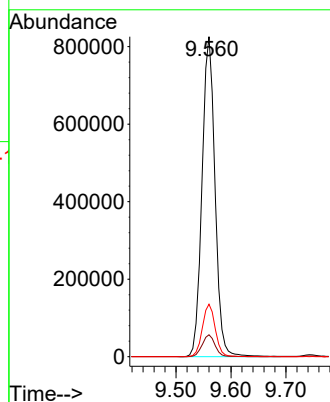
Tgt Ion: 82 Resp: 1354214

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 16.4 13.1 19.7



#26

2-Nitrophenol

Concen: 50.328 ng

RT: 9.742 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

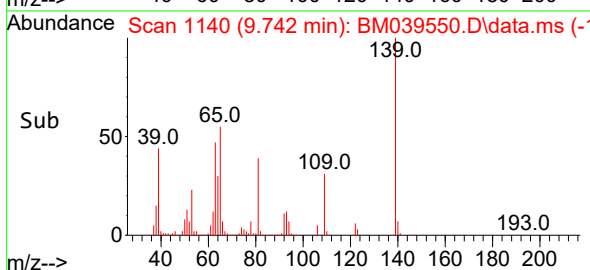
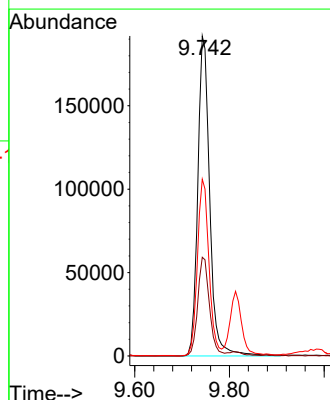
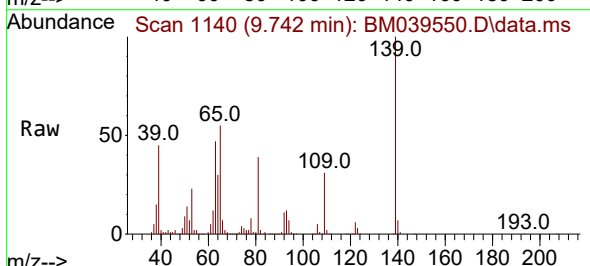
Tgt Ion: 139 Resp: 336311

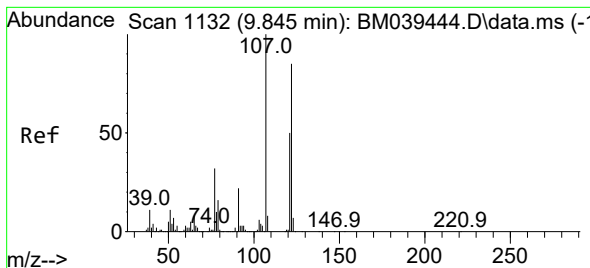
Ion Ratio Lower Upper

139 100

109 30.9 23.0 34.6

65 55.3 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 47.791 ng

RT: 9.813 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BM039550.D

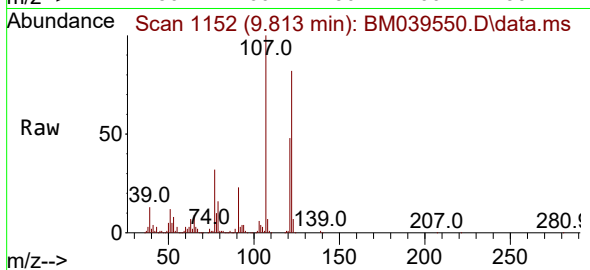
Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD



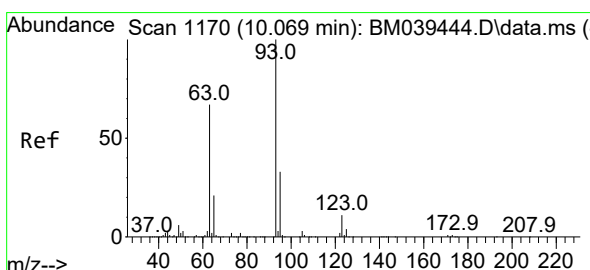
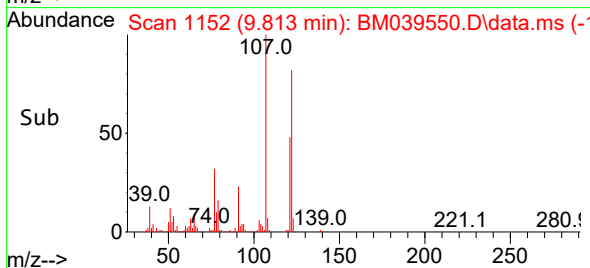
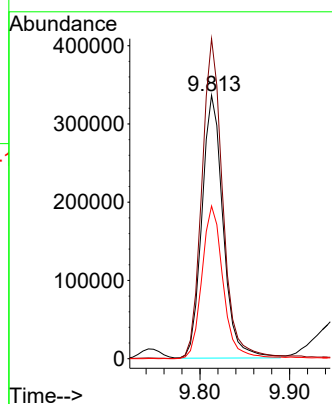
Tgt Ion:122 Resp: 551900

Ion Ratio Lower Upper

122 100

107 121.5 94.3 141.5

121 57.9 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 47.321 ng

RT: 10.042 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

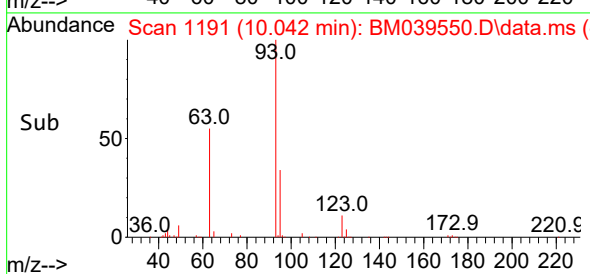
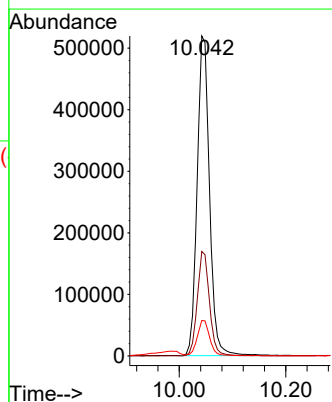
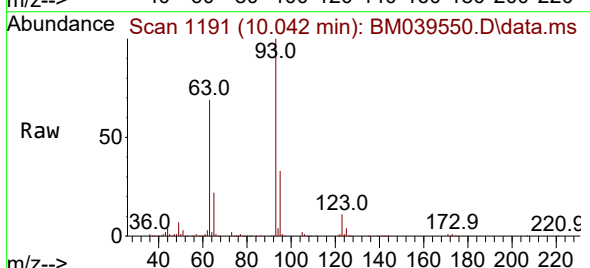
Tgt Ion: 93 Resp: 837602

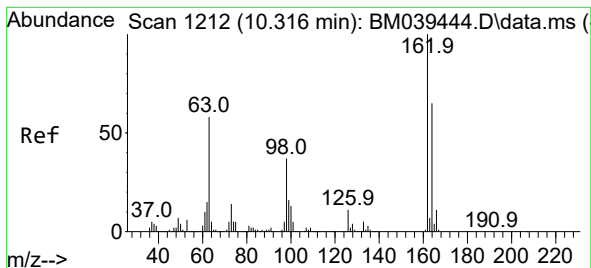
Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

123 11.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 49.335 ng

RT: 10.289 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD

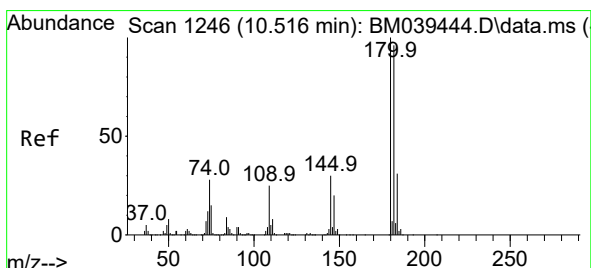
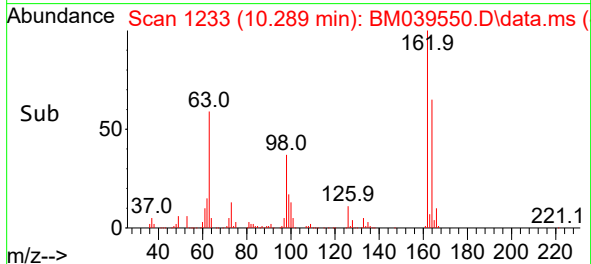
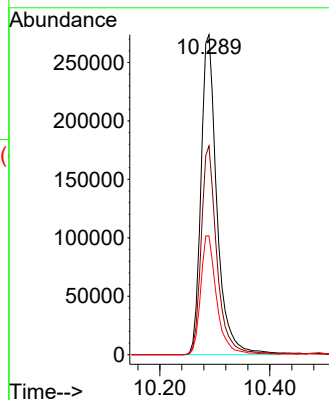
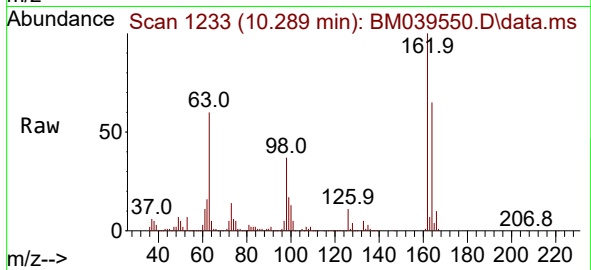
Tgt Ion:162 Resp: 551659

Ion Ratio Lower Upper

162 100

164 65.3 44.7 84.7

98 37.1 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 51.998 ng

RT: 10.489 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

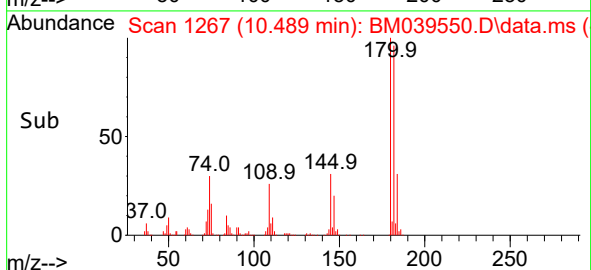
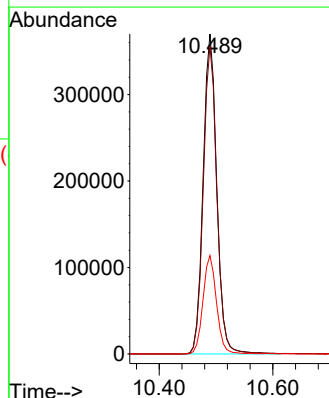
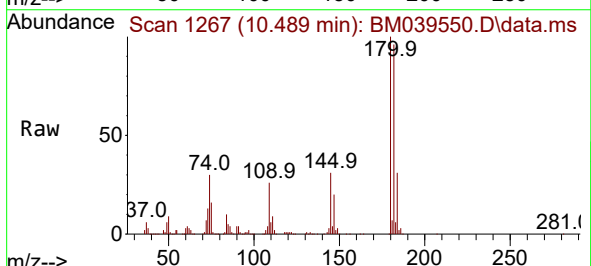
Tgt Ion:180 Resp: 615402

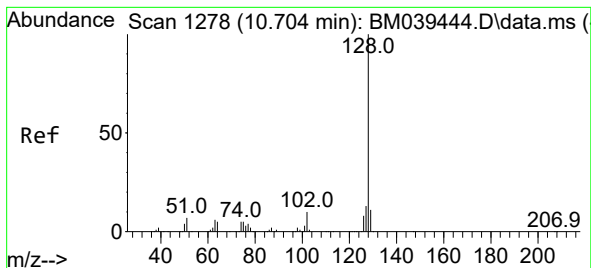
Ion Ratio Lower Upper

180 100

182 96.2 76.5 114.7

145 30.8 24.2 36.4





#31

Naphthalene

Concen: 48.533 ng

RT: 10.678 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD

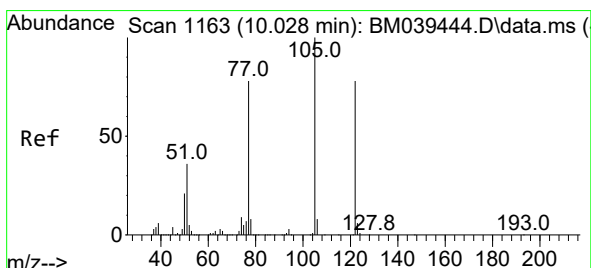
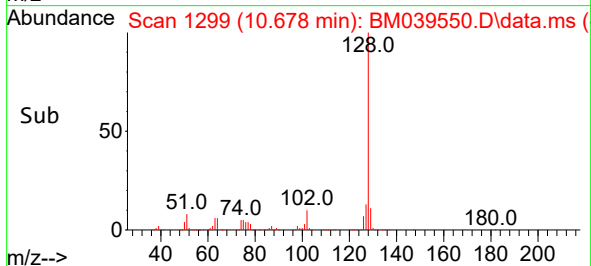
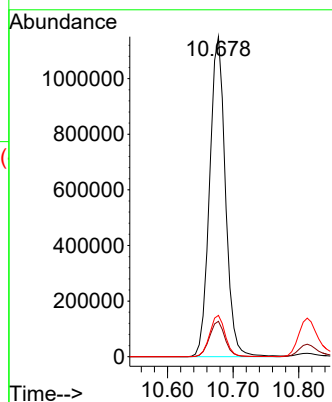
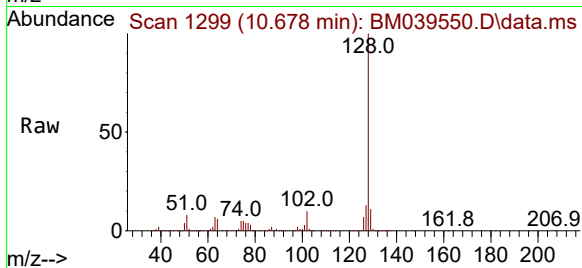
Tgt Ion:128 Resp: 1930805

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

127 12.9 10.3 15.5



#32

Benzoic acid

Concen: 39.981 ng

RT: 9.989 min Scan# 1182

Delta R.T. -0.018 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

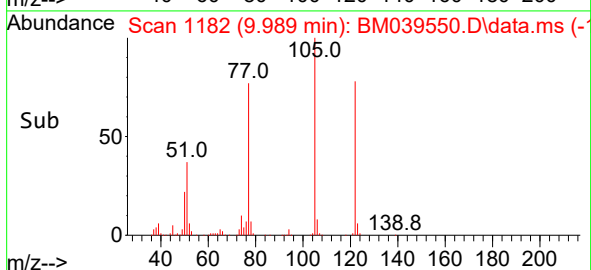
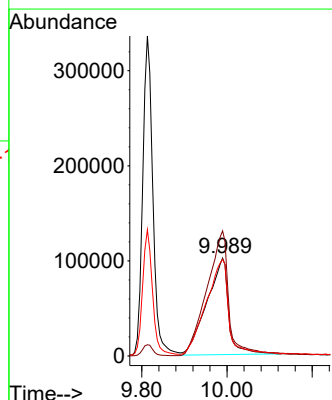
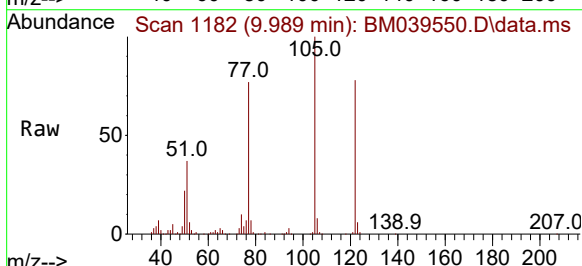
Tgt Ion:122 Resp: 362098

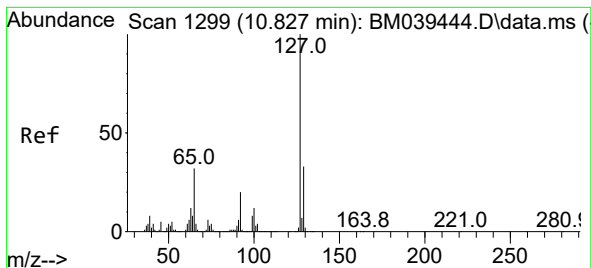
Ion Ratio Lower Upper

122 100

105 127.8 105.9 145.9

77 99.0 78.8 118.8





#33

4-Chloroaniline

Concen: 19.011 ng

RT: 10.813 min Scan# 11

Delta R.T. 0.012 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD

Tgt Ion:127 Resp: 319511

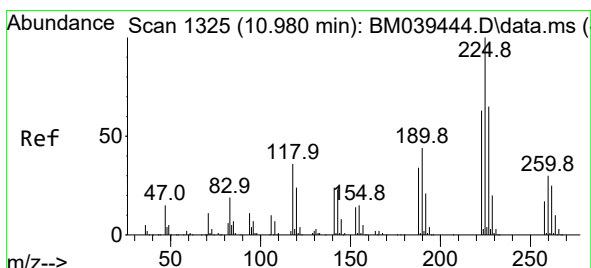
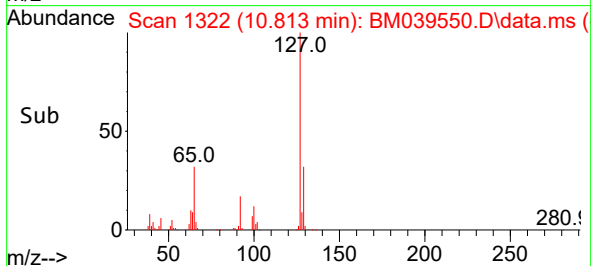
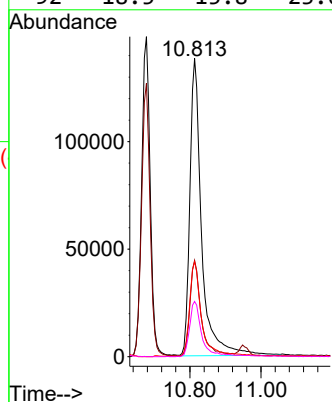
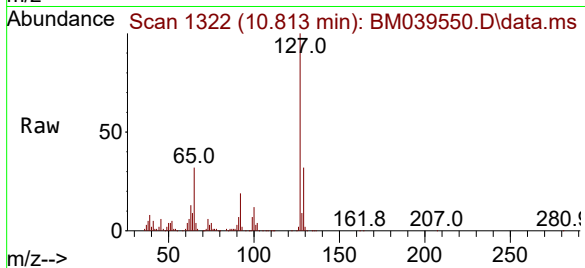
Ion Ratio Lower Upper

127 100

129 32.3 26.1 39.1

65 31.9 25.7 38.5

92 18.5 15.8 23.6



#34

Hexachlorobutadiene

Concen: 52.867 ng

RT: 10.954 min Scan# 1346

Delta R.T. 0.000 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

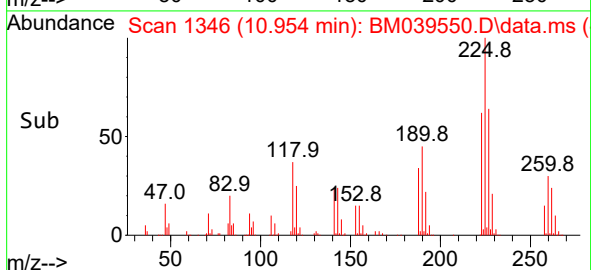
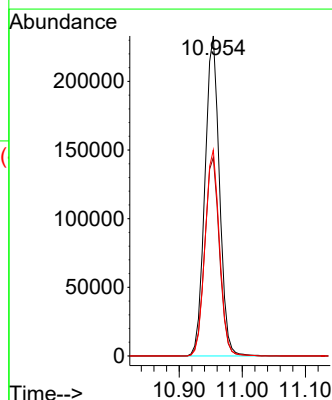
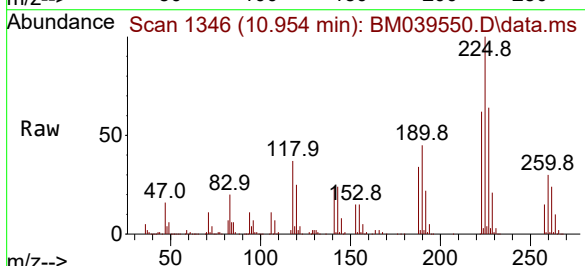
Tgt Ion:225 Resp: 371578

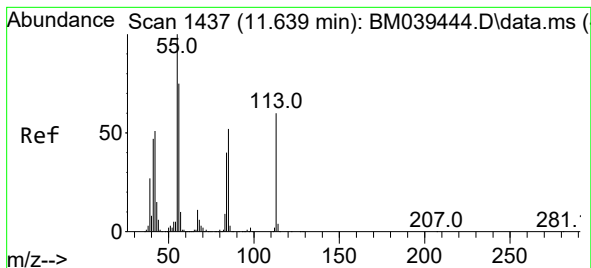
Ion Ratio Lower Upper

225 100

223 62.0 50.1 75.1

227 64.3 51.7 77.5





#35

Caprolactam

Concen: 33.751 ng

RT: 11.607 min Scan# 1437

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD

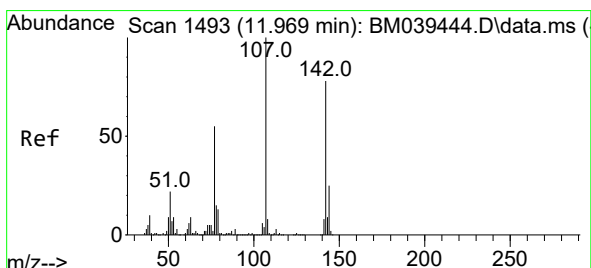
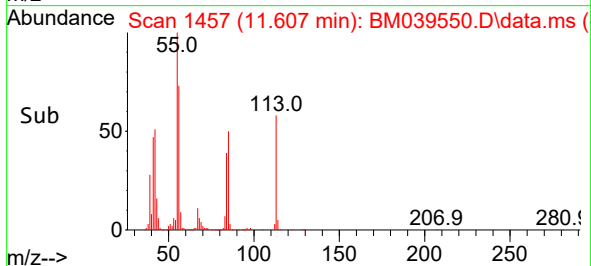
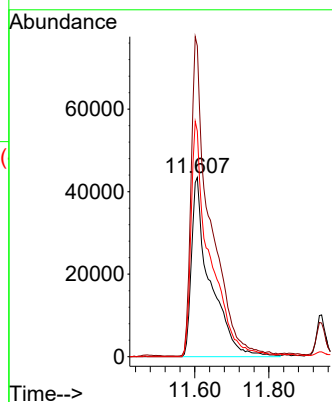
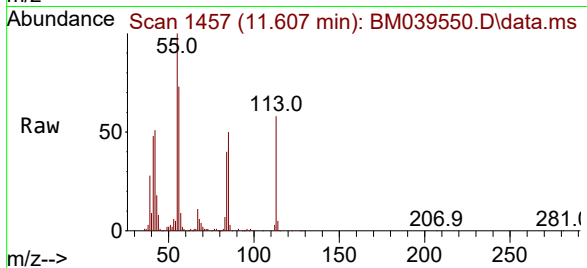
Tgt Ion:113 Resp: 150512

Ion Ratio Lower Upper

113 100

55 173.4 147.8 187.8

56 125.9 105.6 145.6



#36

4-Chloro-3-methylphenol

Concen: 42.105 ng

RT: 11.942 min Scan# 1514

Delta R.T. 0.000 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

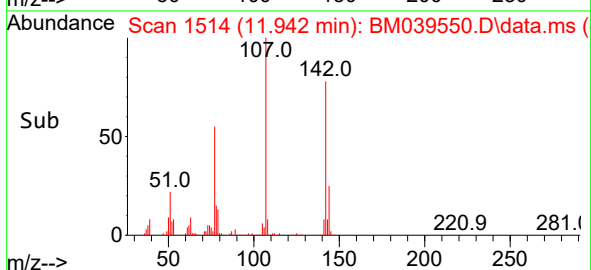
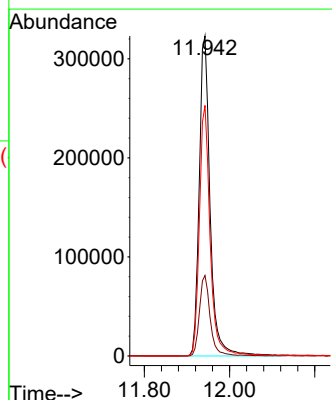
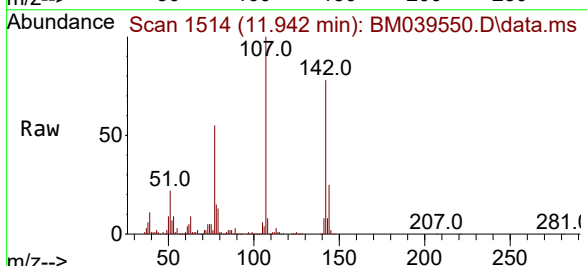
Tgt Ion:107 Resp: 573065

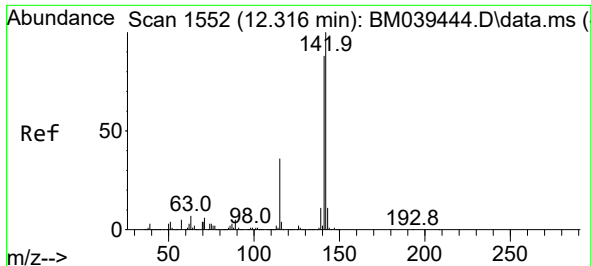
Ion Ratio Lower Upper

107 100

144 25.1 19.7 29.5

142 78.3 62.2 93.2

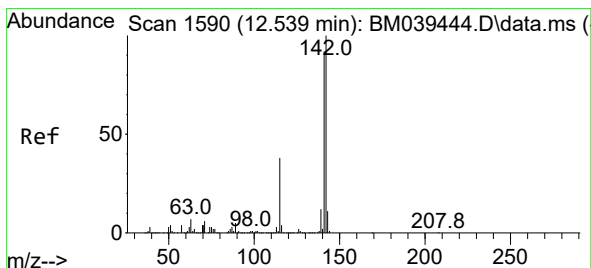
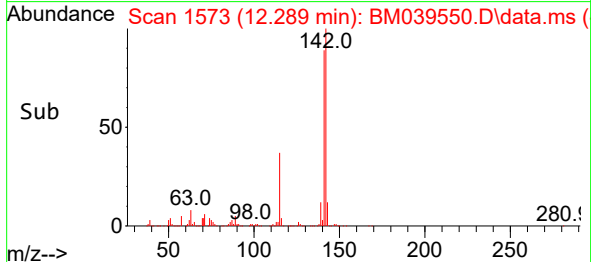
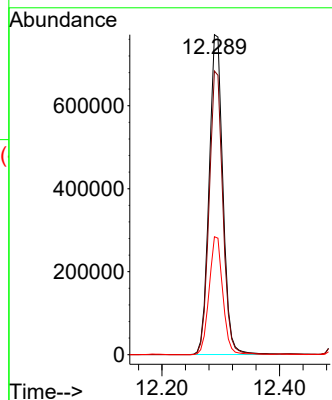
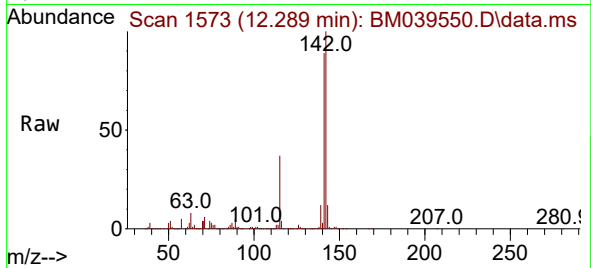




#37
2-Methylnaphthalene
Concen: 43.196 ng
RT: 12.289 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

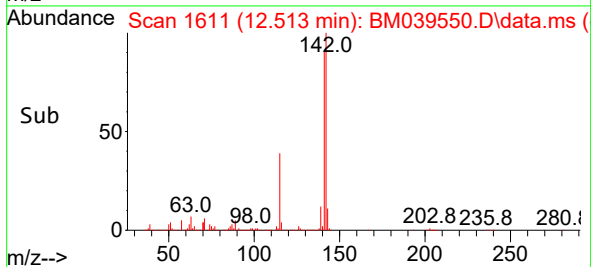
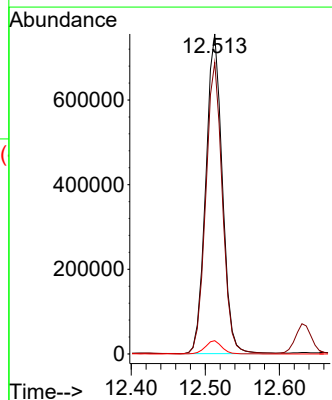
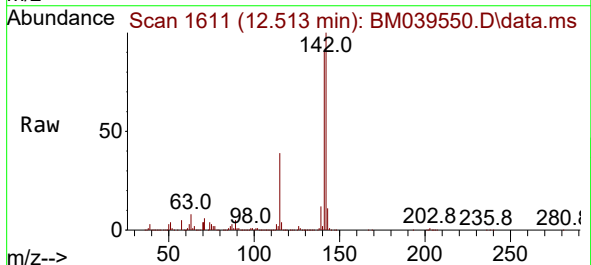
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

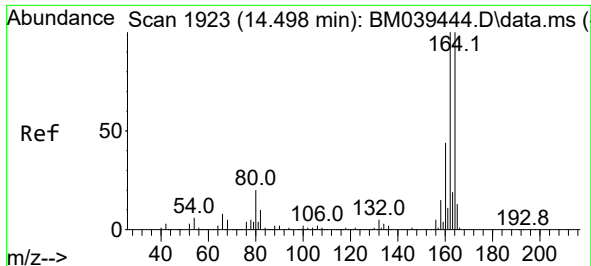
Tgt Ion:142 Resp: 1262899
Ion Ratio Lower Upper
142 100
141 88.6 70.4 105.6
115 36.8 28.8 43.2



#38
1-Methylnaphthalene
Concen: 42.613 ng
RT: 12.513 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion:142 Resp: 1174003
Ion Ratio Lower Upper
142 100
141 91.1 73.3 109.9
116 4.2 3.1 4.7

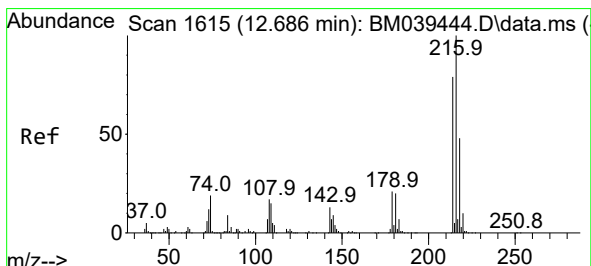
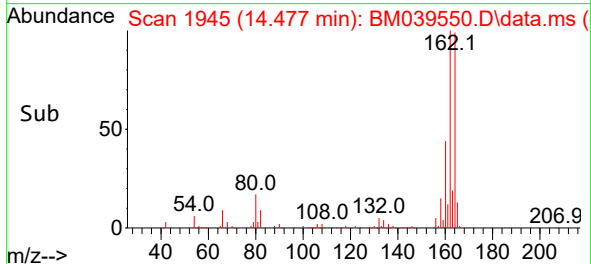
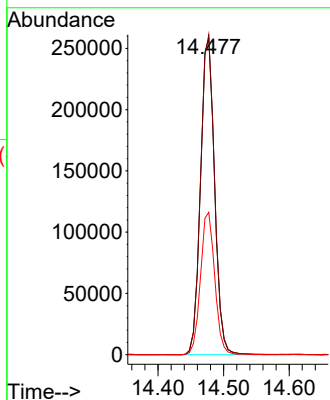
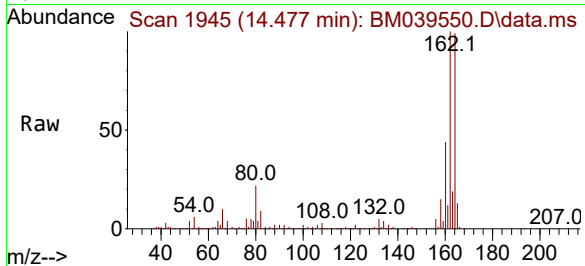




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.477 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

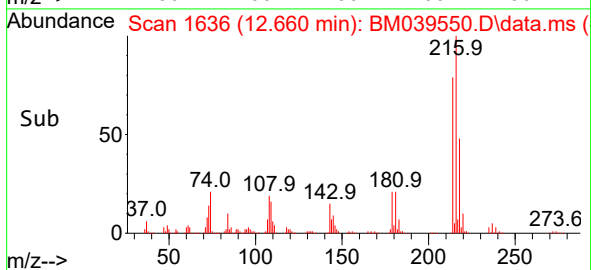
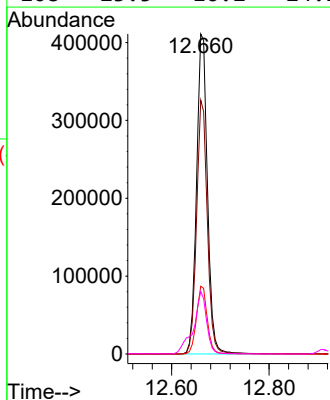
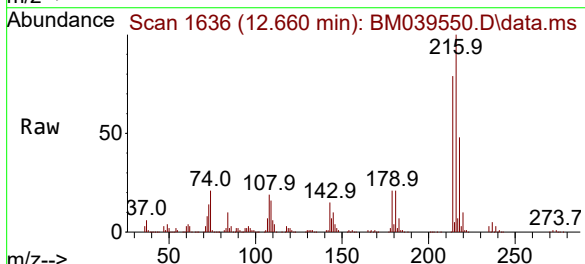
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

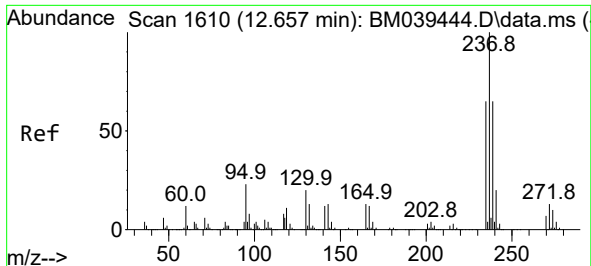
Tgt Ion:164 Resp: 386223
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.8
160 45.0 35.0 52.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.885 ng
RT: 12.660 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

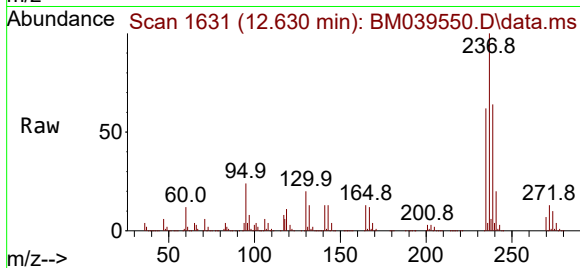
Tgt Ion:216 Resp: 640819
Ion Ratio Lower Upper
216 100
214 78.2 63.0 94.6
179 21.1 16.8 25.2
108 23.5 16.2 24.2



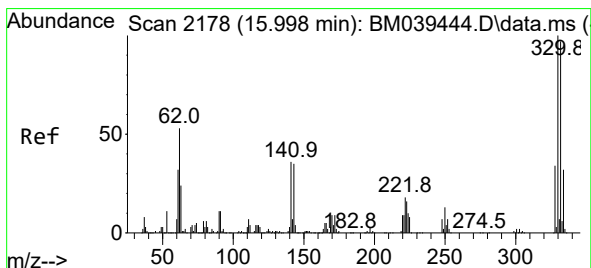
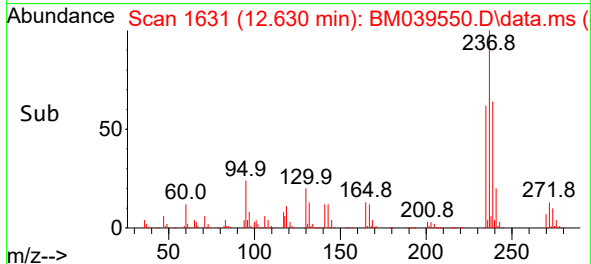
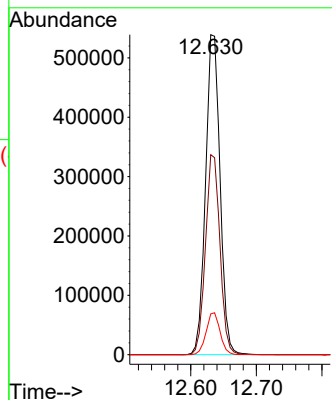


#41
Hexachlorocyclopentadiene
Concen: 130.147 ng
RT: 12.630 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

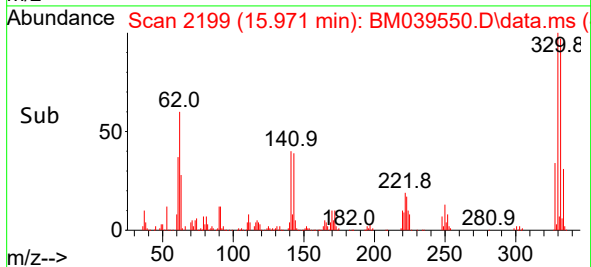
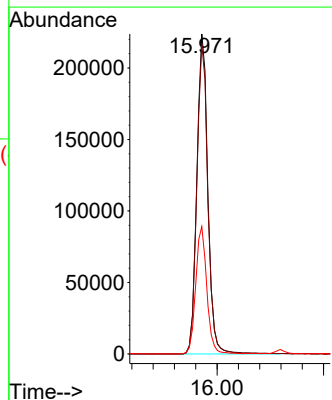
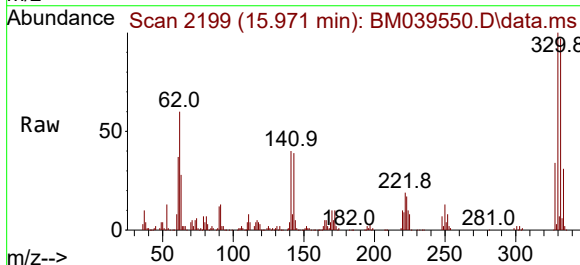


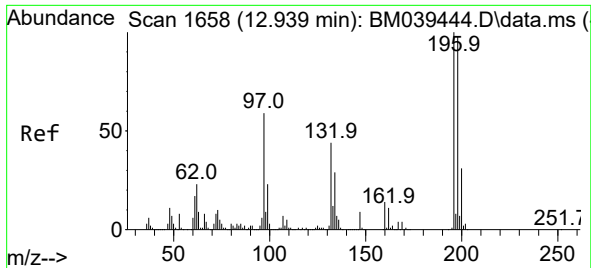
Tgt Ion:237 Resp: 829856
Ion Ratio Lower Upper
237 100
235 62.5 44.7 84.7
272 12.7 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 64.443 ng
RT: 15.971 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion:330 Resp: 322975
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 40.0 31.0 46.6

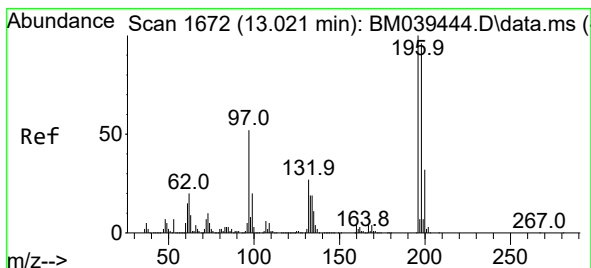
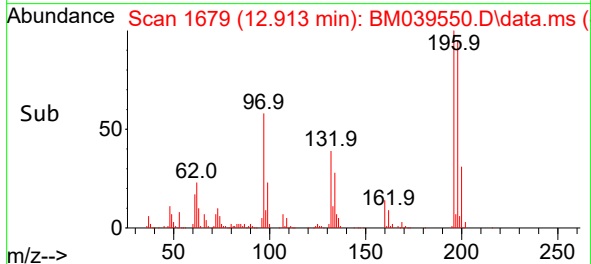
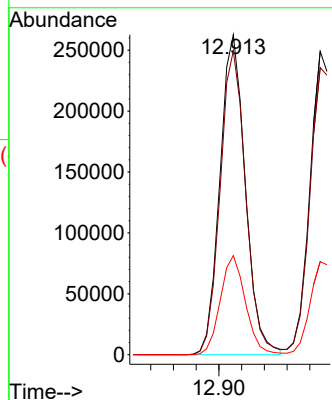
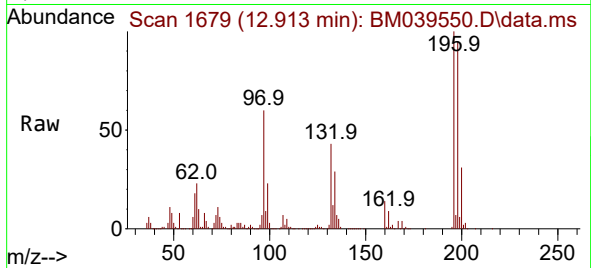




#43
2,4,6-Trichlorophenol
Concen: 52.553 ng
RT: 12.913 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

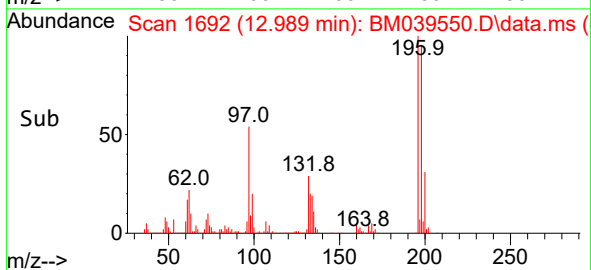
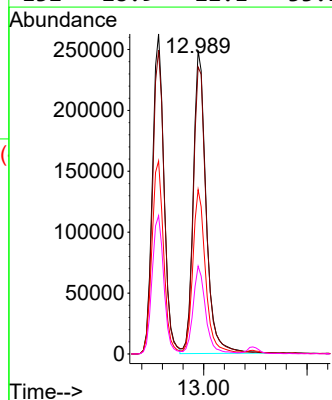
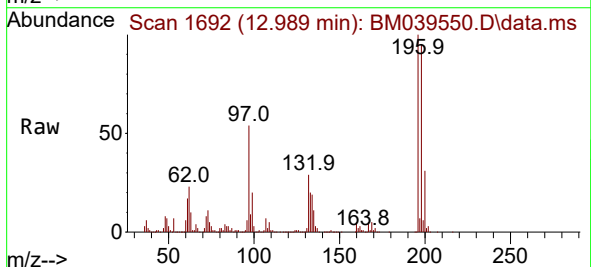
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

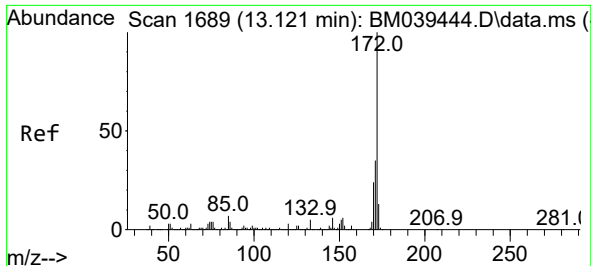
Tgt Ion:196 Resp: 407849
Ion Ratio Lower Upper
196 100
198 94.9 78.1 117.1
200 30.9 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 46.979 ng
RT: 12.989 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion:196 Resp: 430882
Ion Ratio Lower Upper
196 100
198 94.6 76.8 115.2
97 54.2 41.9 62.9
132 28.9 22.1 33.1

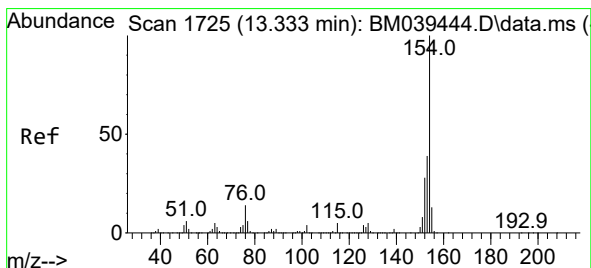
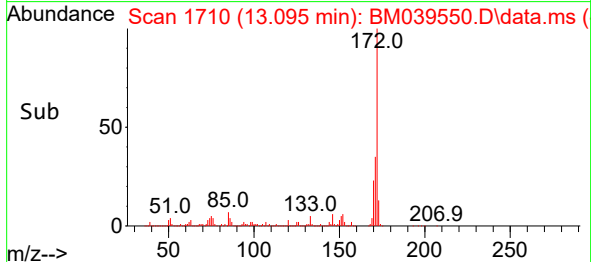
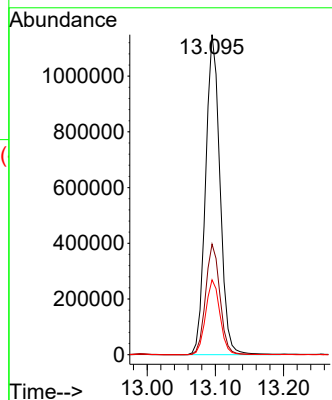
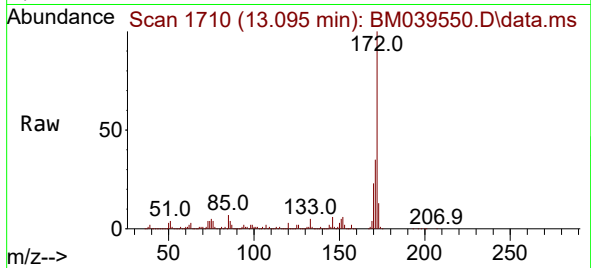




#45
2-Fluorobiphenyl
Concen: 60.479 ng
RT: 13.095 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

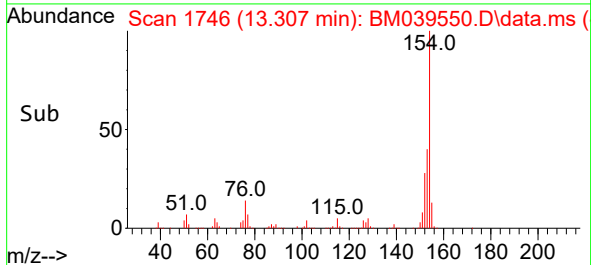
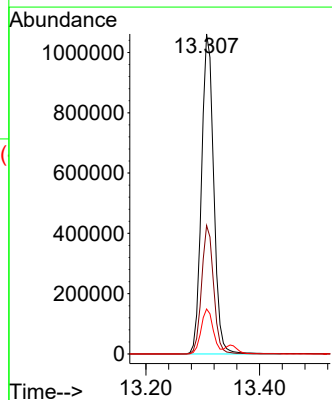
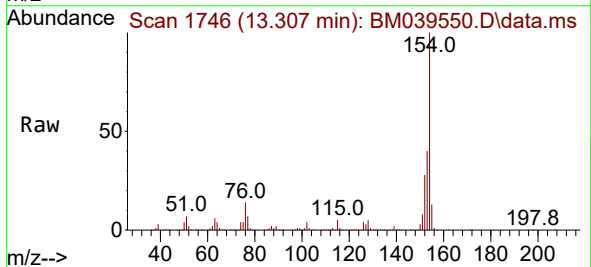
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

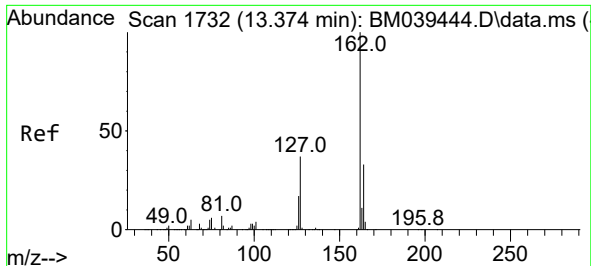
Tgt Ion:172 Resp: 1688202
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 53.358 ng
RT: 13.307 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion:154 Resp: 1587653
Ion Ratio Lower Upper
154 100
153 40.2 19.5 59.5
76 14.1 0.0 34.1

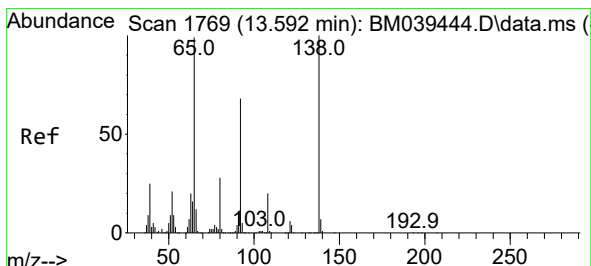
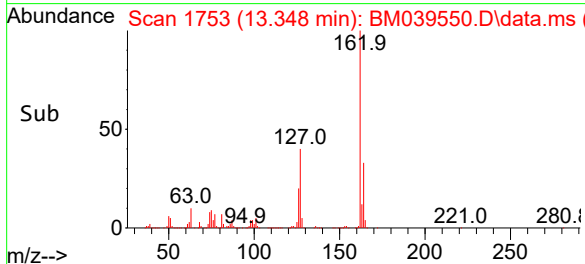
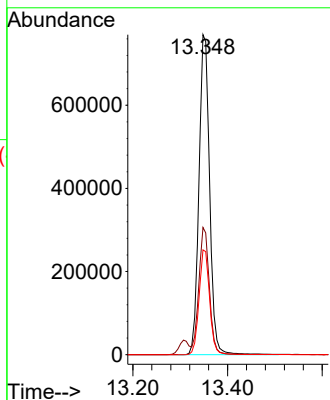
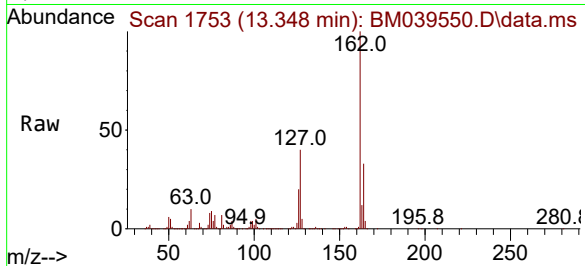




#47
2-Chloronaphthalene
Concen: 54.488 ng
RT: 13.348 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

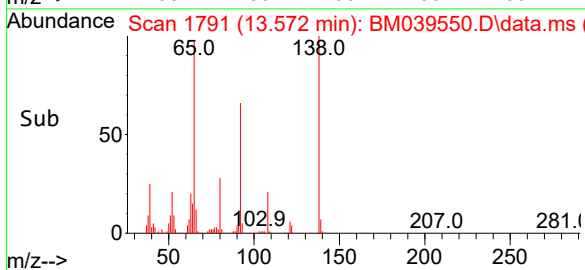
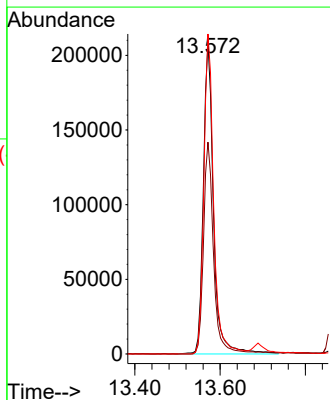
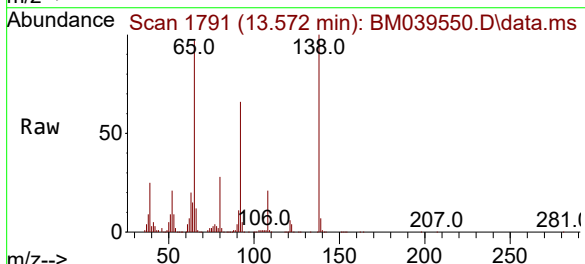
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

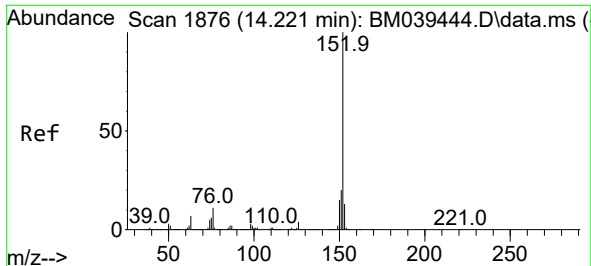
Tgt Ion:162 Resp: 1205249
Ion Ratio Lower Upper
162 100
127 39.7 31.9 47.9
164 32.8 26.1 39.1



#48
2-Nitroaniline
Concen: 45.753 ng
RT: 13.572 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion: 65 Resp: 346060
Ion Ratio Lower Upper
65 100
92 68.1 54.7 82.1
138 102.9 80.8 121.2

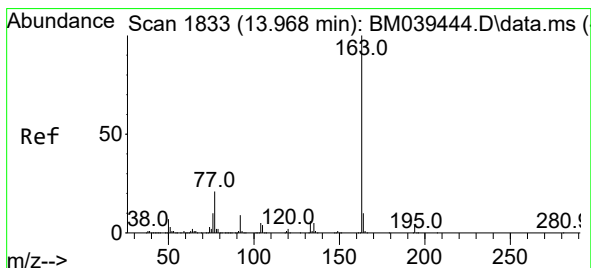
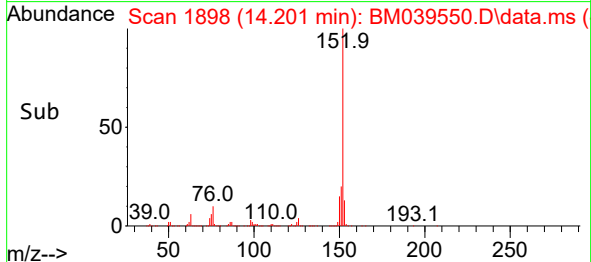
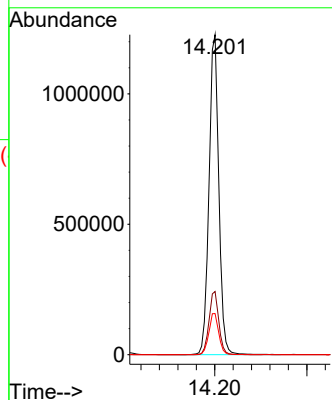
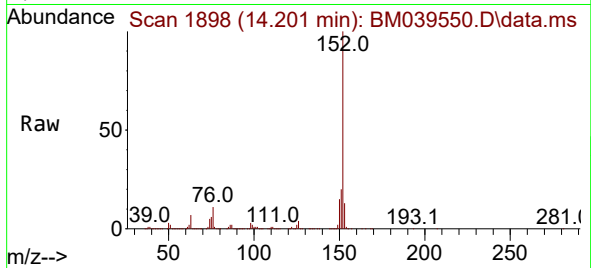




#49
Acenaphthylene
Concen: 48.199 ng
RT: 14.201 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

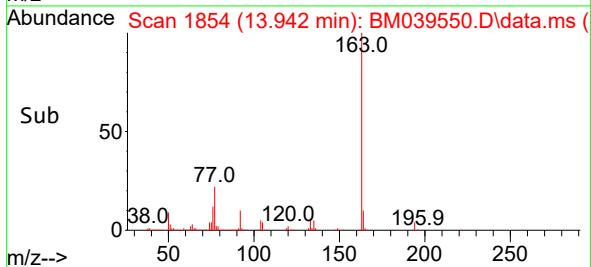
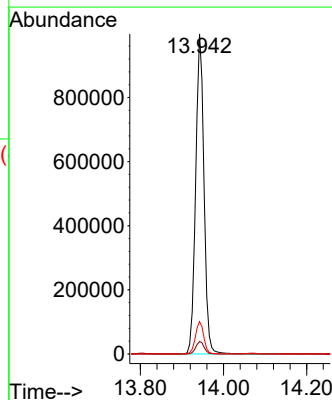
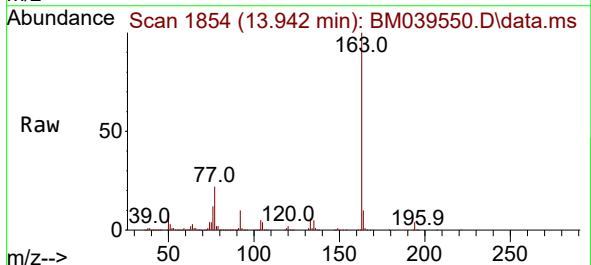
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

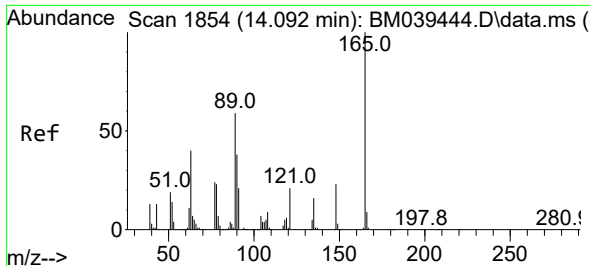
Tgt Ion:152 Resp: 1823641
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 12.9 10.6 15.8



#50
Dimethylphthalate
Concen: 44.269 ng
RT: 13.942 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion:163 Resp: 1384021
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.1 8.1 12.1

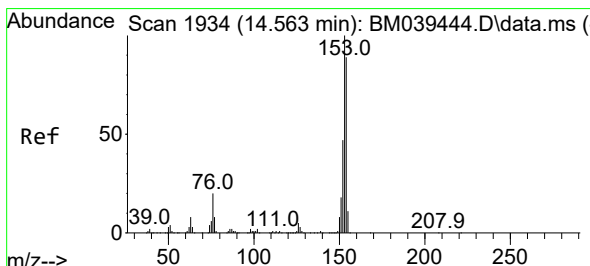
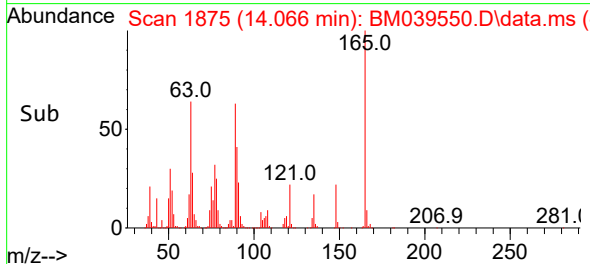
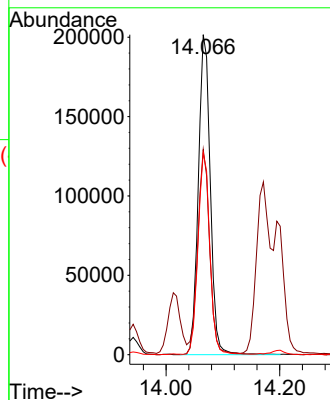
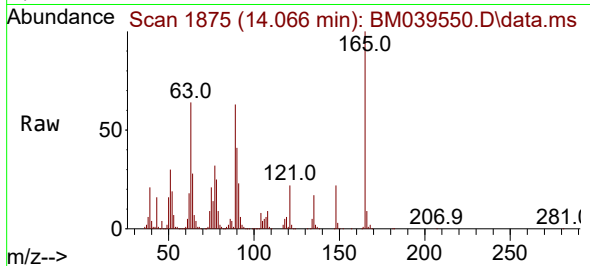




#51
2,6-Dinitrotoluene
Concen: 44.355 ng
RT: 14.066 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

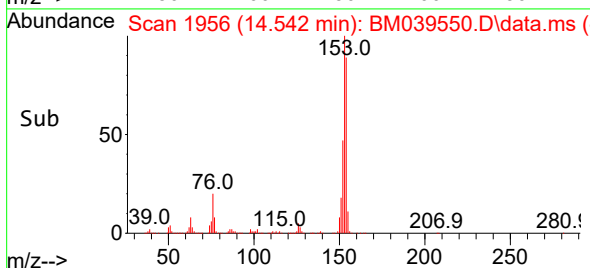
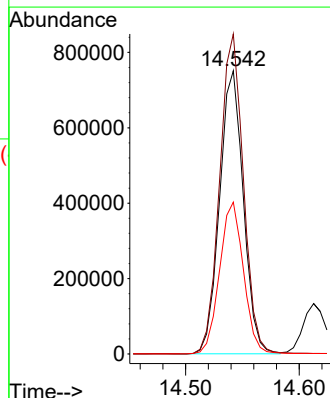
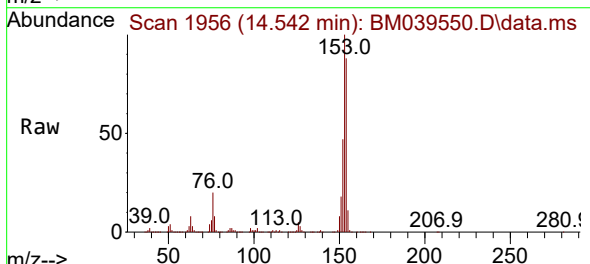
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

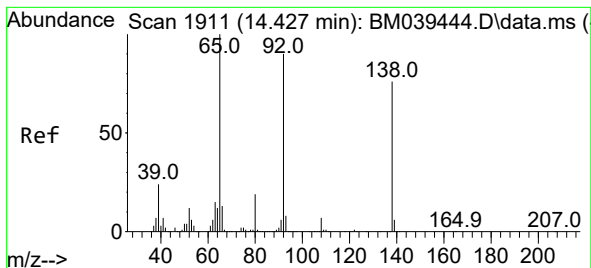
Tgt Ion:165 Resp: 294818
Ion Ratio Lower Upper
165 100
63 64.1 46.6 69.8
89 63.2 47.4 71.0



#52
Acenaphthene
Concen: 48.702 ng
RT: 14.542 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion:154 Resp: 1091035
Ion Ratio Lower Upper
154 100
153 113.0 89.8 134.8
152 53.6 42.7 64.1





#53

3-Nitroaniline

Concen: 37.727 ng

RT: 14.401 min Scan# 1911

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD

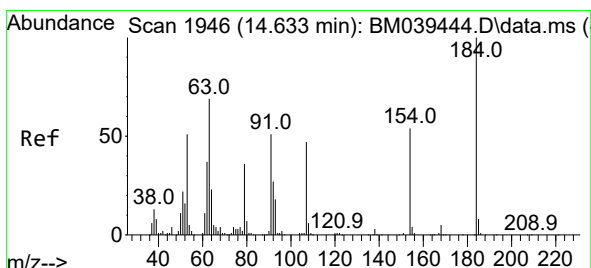
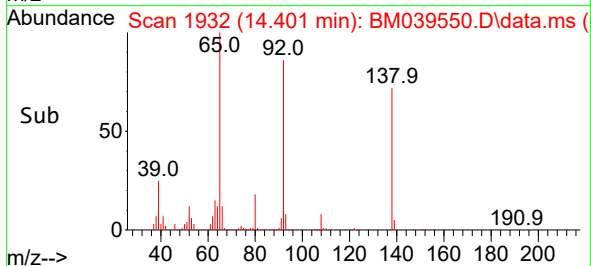
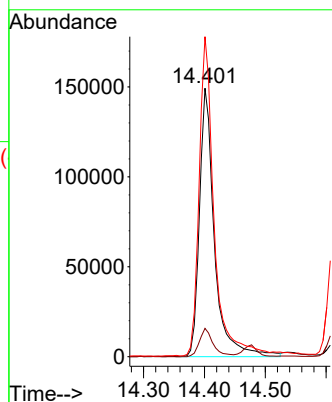
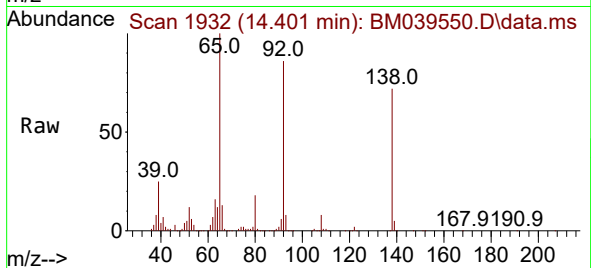
Tgt Ion:138 Resp: 255879

Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.8

92 119.2 95.4 143.2



#54

2,4-Dinitrophenol

Concen: 79.084 ng

RT: 14.613 min Scan# 1968

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

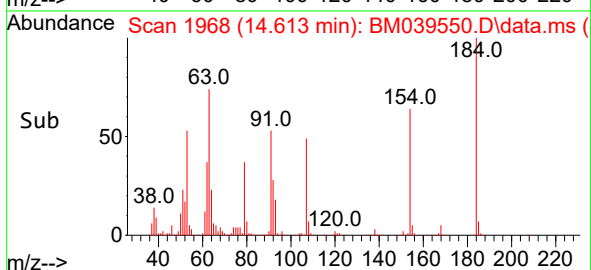
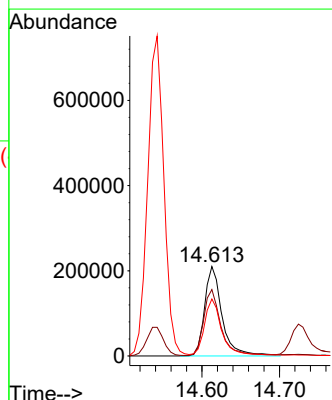
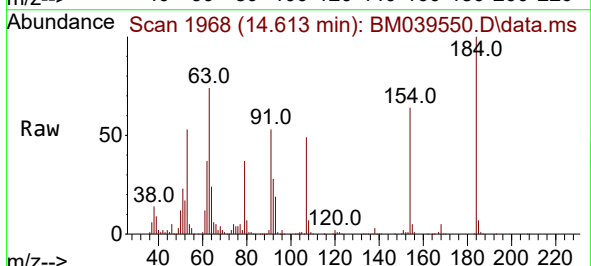
Tgt Ion:184 Resp: 329290

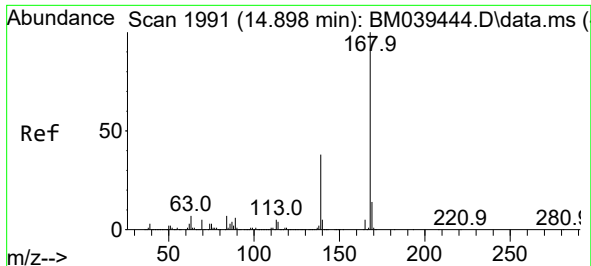
Ion Ratio Lower Upper

184 100

63 74.3 56.4 84.6

154 63.6 49.1 73.7

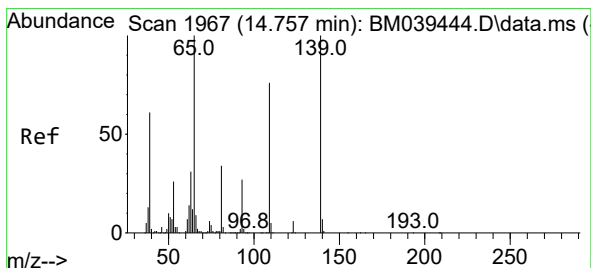
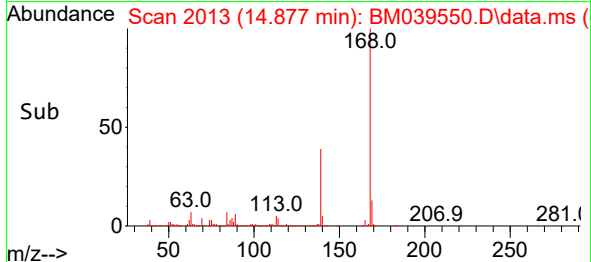
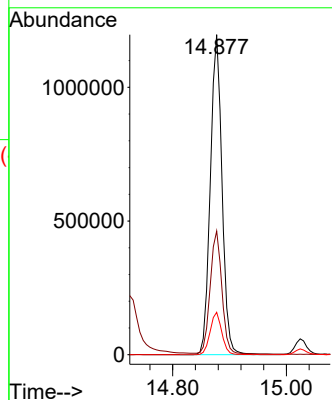
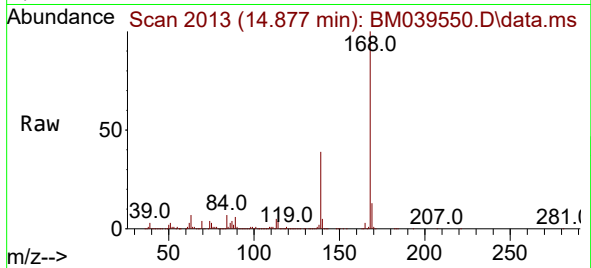




#55
Dibenzofuran
Concen: 47.293 ng
RT: 14.877 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

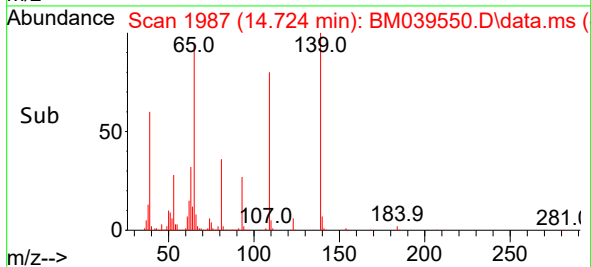
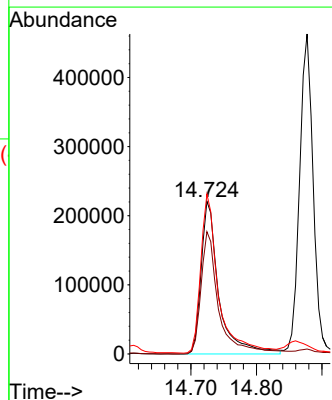
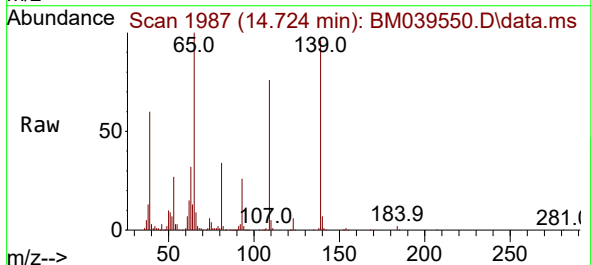
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

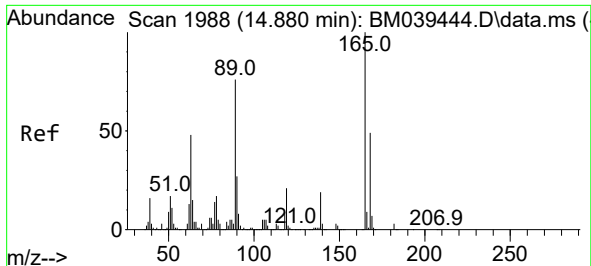
Tgt Ion:168 Resp: 1702431
Ion Ratio Lower Upper
168 100
139 38.7 30.8 46.2
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 75.982 ng
RT: 14.724 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion:139 Resp: 417609
Ion Ratio Lower Upper
139 100
109 80.1 56.5 96.5
65 104.7 81.3 121.3





#57

2,4-Dinitrotoluene

Concen: 41.715 ng

RT: 14.860 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD

Tgt Ion:165 Resp: 378992

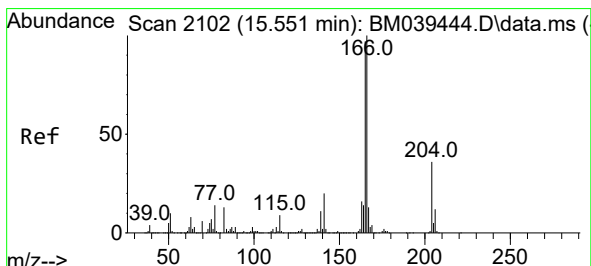
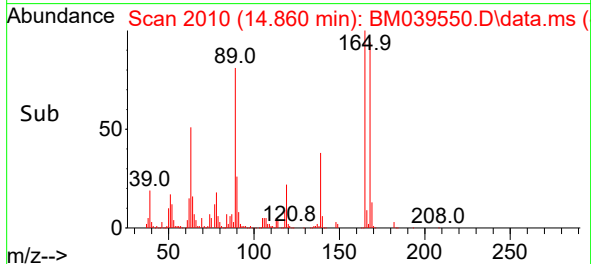
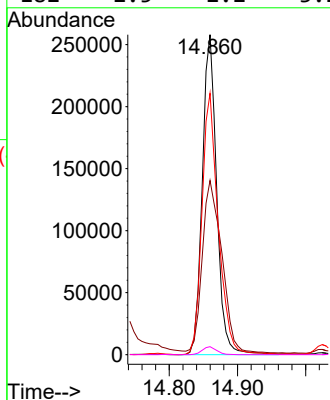
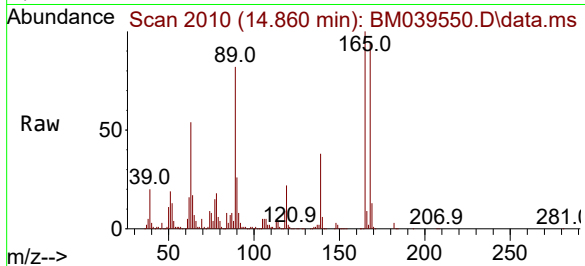
Ion Ratio Lower Upper

165 100

63 54.5 39.0 58.6

89 81.7 61.0 91.4

182 2.5 2.2 3.2



#58

Fluorene

Concen: 45.504 ng

RT: 15.524 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

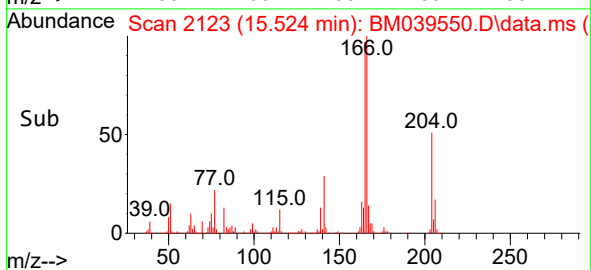
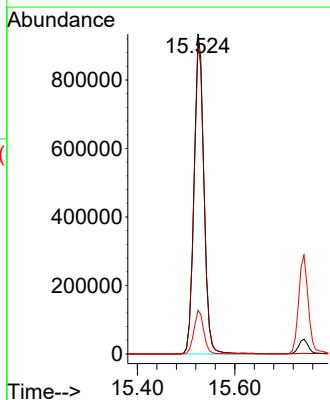
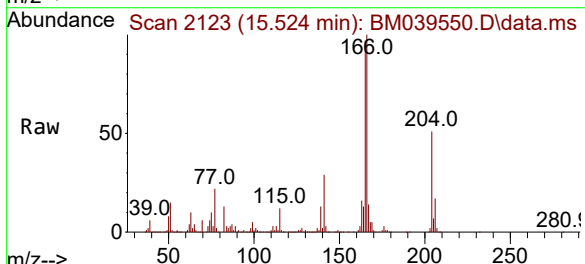
Tgt Ion:166 Resp: 1328531

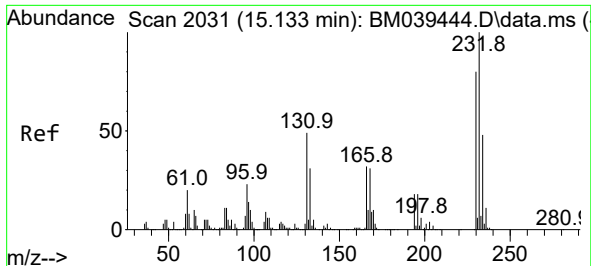
Ion Ratio Lower Upper

166 100

165 96.8 77.4 116.0

167 13.6 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.285 ng

RT: 15.107 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BM039550.D

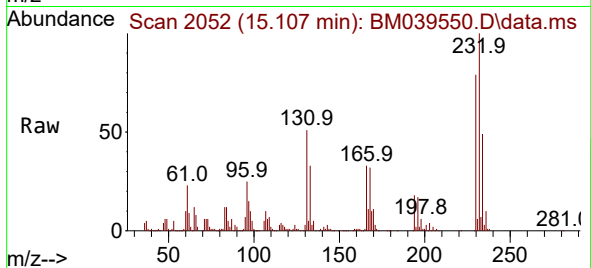
Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD



Tgt Ion:232 Resp: 342093

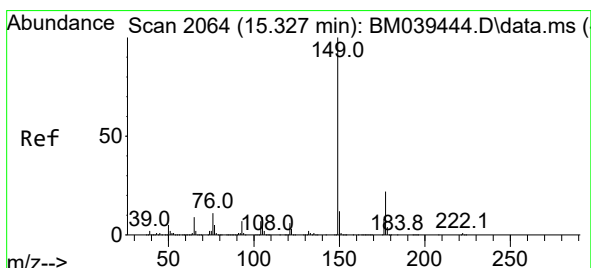
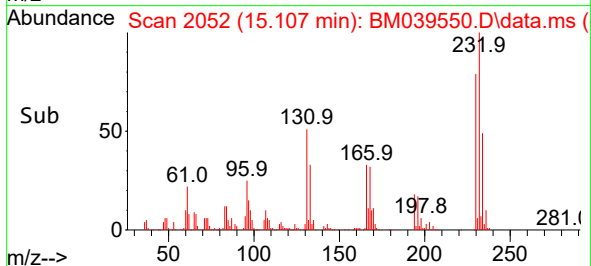
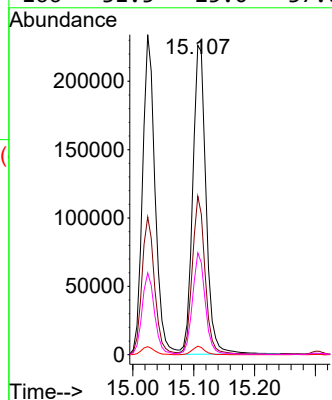
Ion Ratio Lower Upper

232 100

131 49.1 39.5 59.3

130 2.6 2.1 3.1

166 31.5 25.0 37.6



#60

Diethylphthalate

Concen: 42.050 ng

RT: 15.307 min Scan# 2086

Delta R.T. 0.000 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

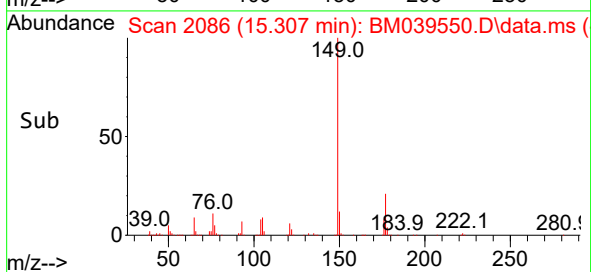
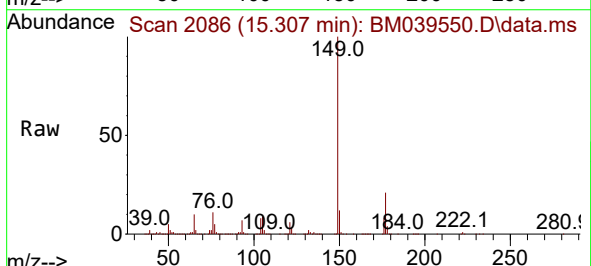
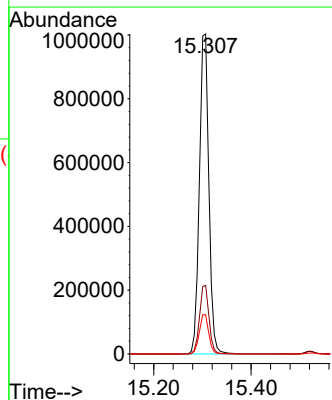
Tgt Ion:149 Resp: 1362960

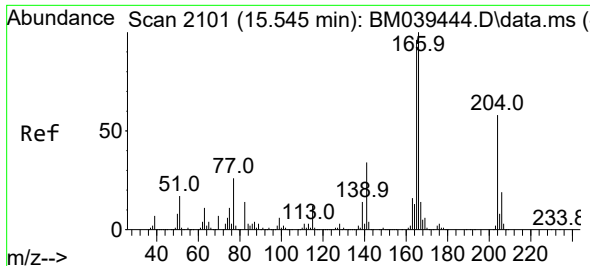
Ion Ratio Lower Upper

149 100

177 21.5 17.7 26.5

150 12.3 10.0 15.0

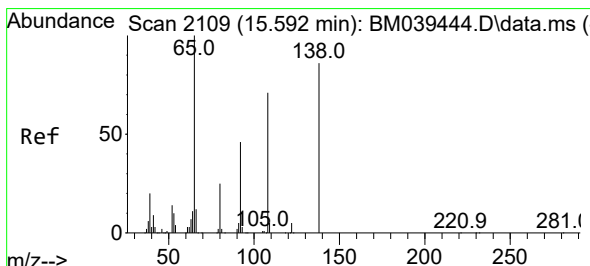
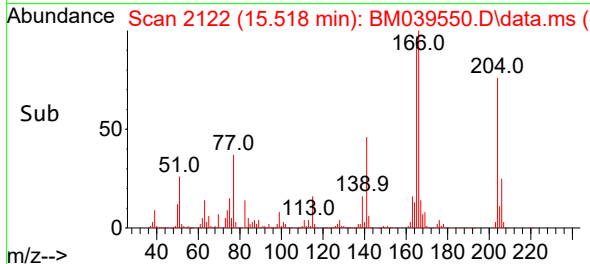
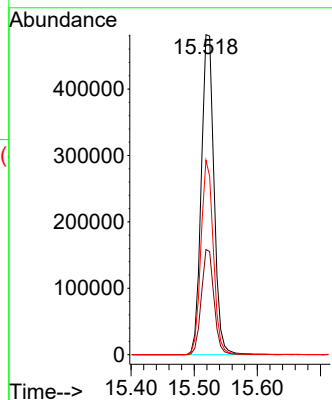
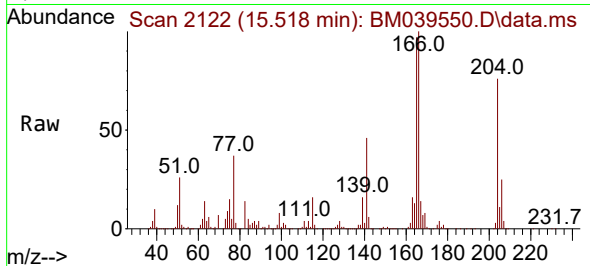




#61
4-Chlorophenyl-phenylether
Concen: 46.658 ng
RT: 15.518 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

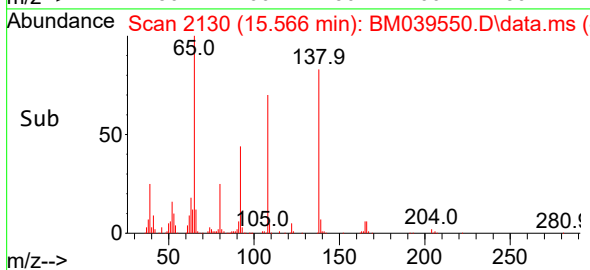
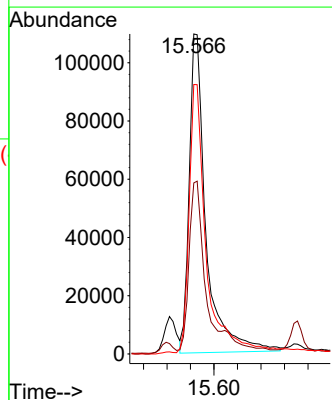
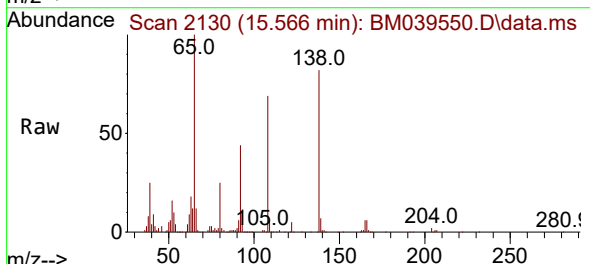
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

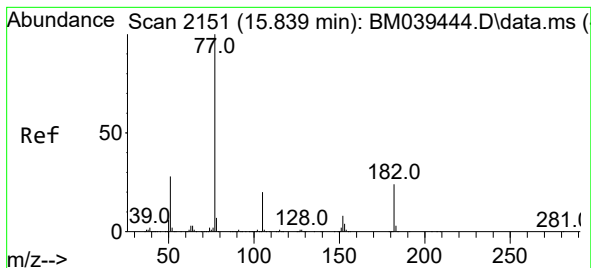
Tgt Ion:204 Resp: 675197
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 60.8 47.0 70.4



#62
4-Nitroaniline
Concen: 33.722 ng
RT: 15.566 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion:138 Resp: 217352
Ion Ratio Lower Upper
138 100
92 53.5 32.6 72.6
108 84.2 60.6 100.6





#63

Azobenzene

Concen: 46.496 ng

RT: 15.813 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039550.D

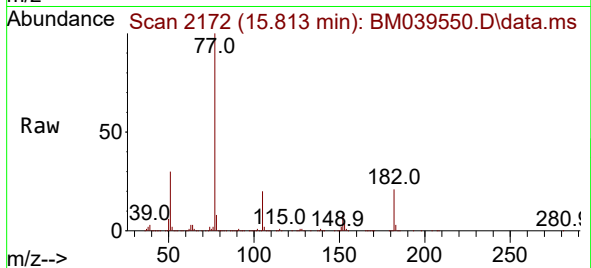
Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD



Tgt Ion: 77 Resp: 1468588

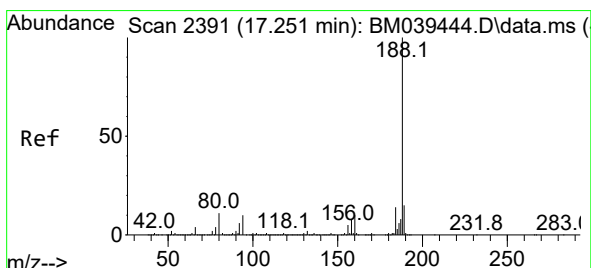
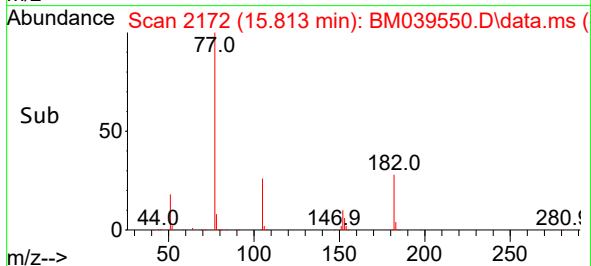
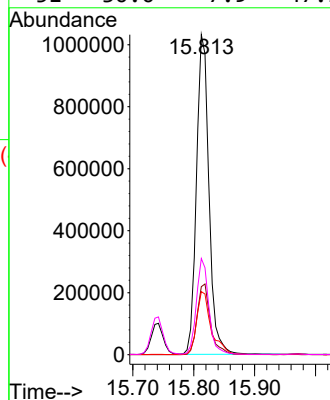
Ion Ratio Lower Upper

77 100

182 21.2 3.7 43.7

105 19.7 0.5 40.5

51 30.0 7.9 47.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.224 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

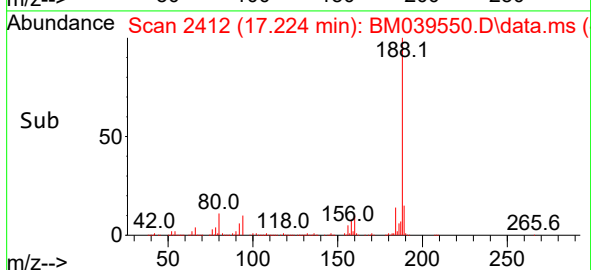
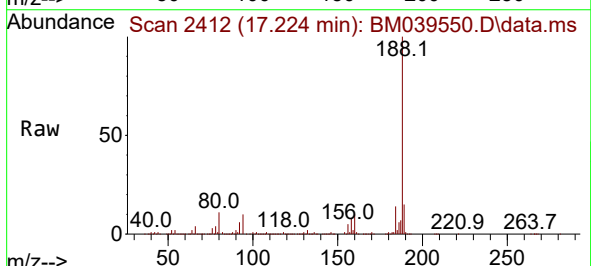
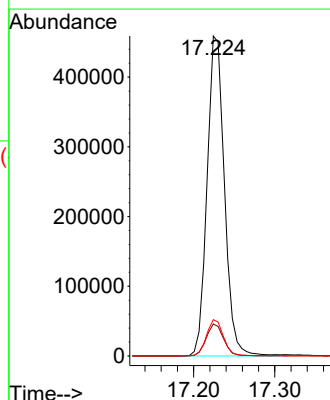
Tgt Ion: 188 Resp: 681538

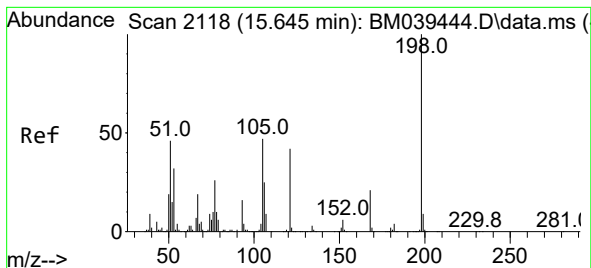
Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 11.4 8.9 13.3

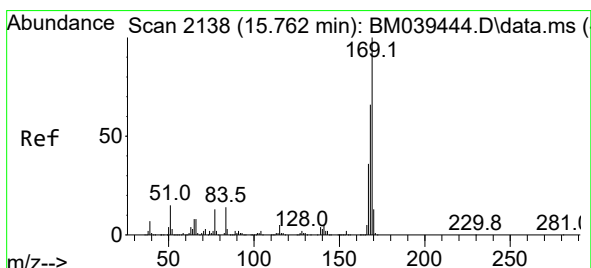
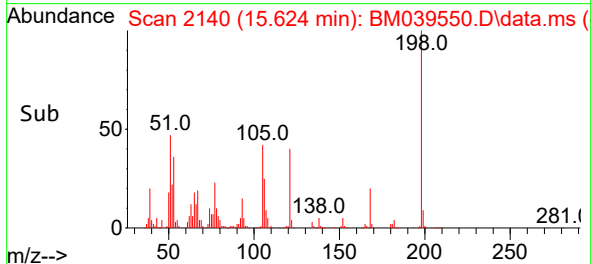
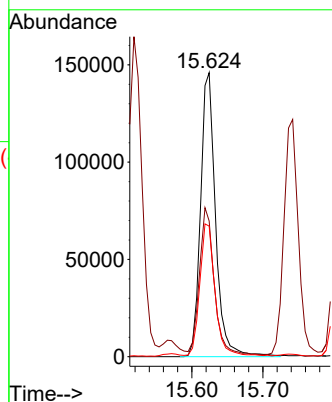
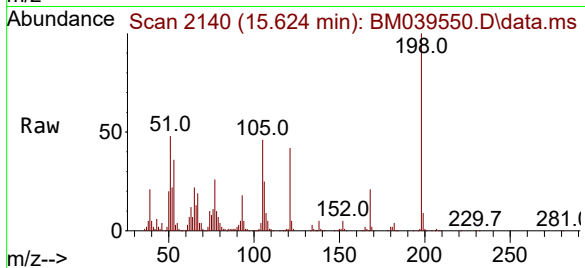




#65
4,6-Dinitro-2-methylphenol
Concen: 50.403 ng
RT: 15.624 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

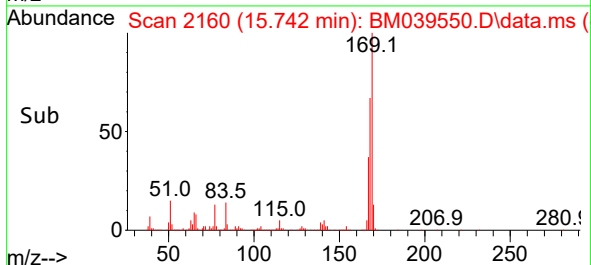
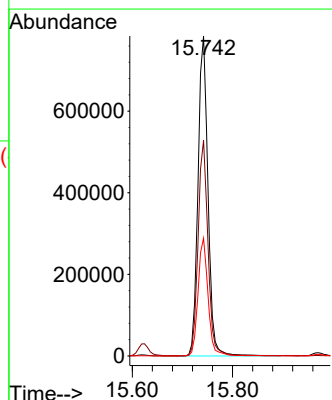
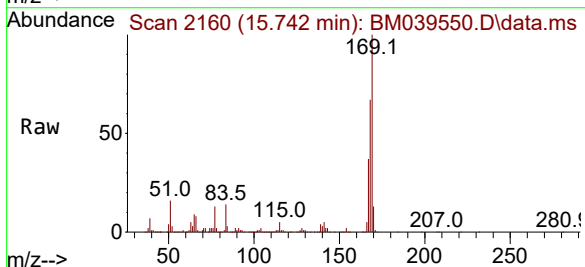
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

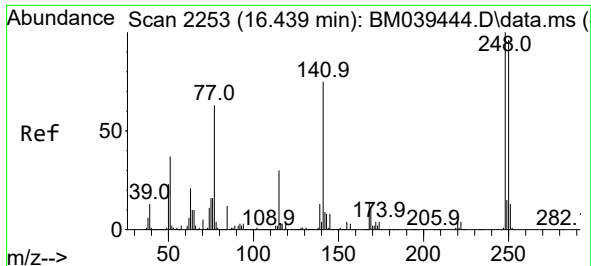
Tgt Ion:198 Resp: 215098
Ion Ratio Lower Upper
198 100
51 47.8 29.3 69.3
105 46.0 27.7 67.7



#66
n-Nitrosodiphenylamine
Concen: 52.273 ng
RT: 15.742 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion:169 Resp: 1080121
Ion Ratio Lower Upper
169 100
168 67.4 52.6 79.0
167 36.8 29.0 43.4

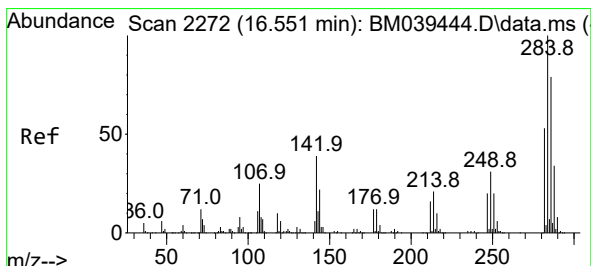
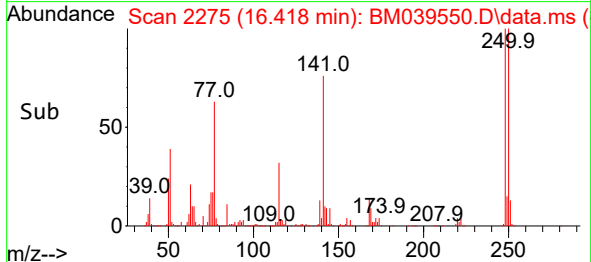
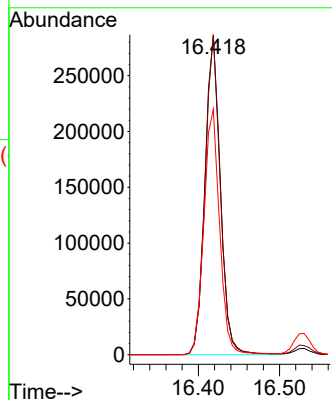
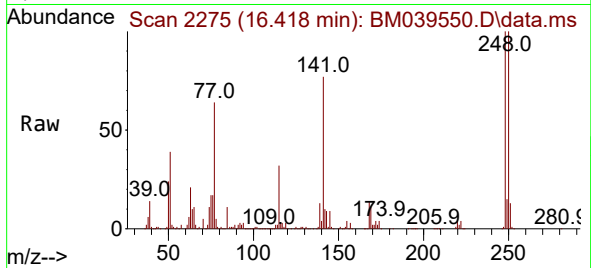




#67
4-Bromophenyl-phenylether
Concen: 52.936 ng
RT: 16.418 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

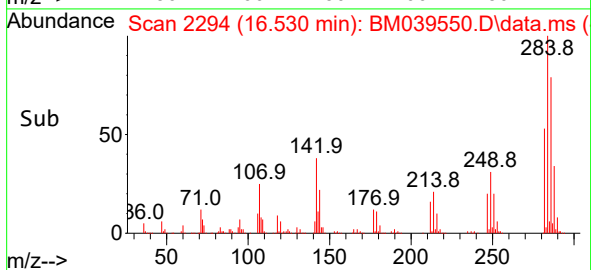
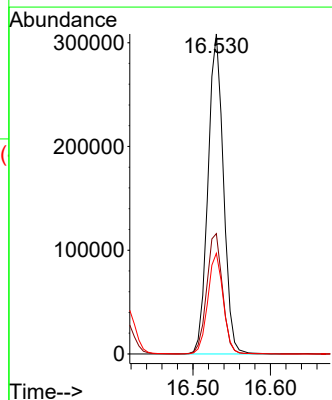
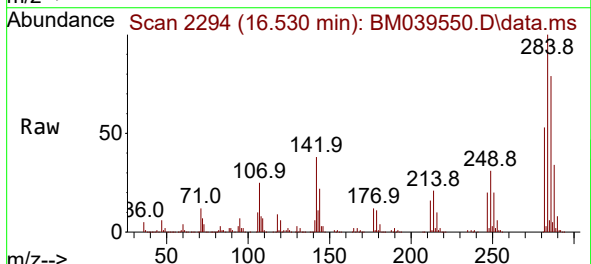
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

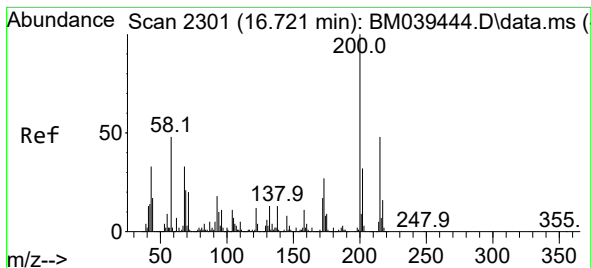
Tgt Ion:248 Resp: 379777
Ion Ratio Lower Upper
248 100
250 100.3 77.0 115.4
141 76.9 60.2 90.4



#68
Hexachlorobenzene
Concen: 54.783 ng
RT: 16.530 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion:284 Resp: 426779
Ion Ratio Lower Upper
284 100
142 37.6 31.1 46.7
249 31.5 25.0 37.6





#69

Atrazine

Concen: 51.021 ng

RT: 16.695 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD

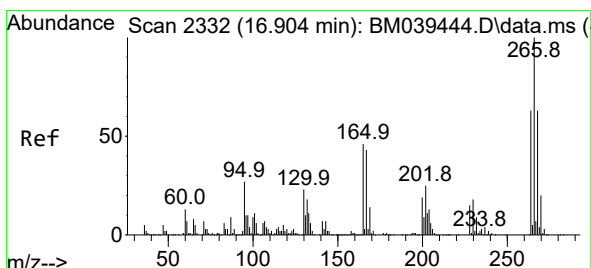
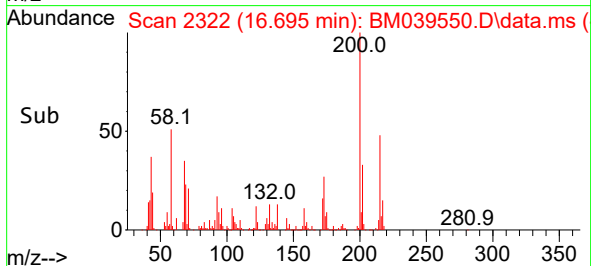
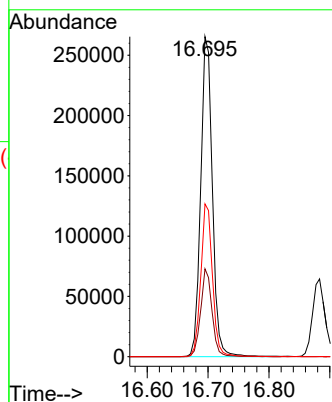
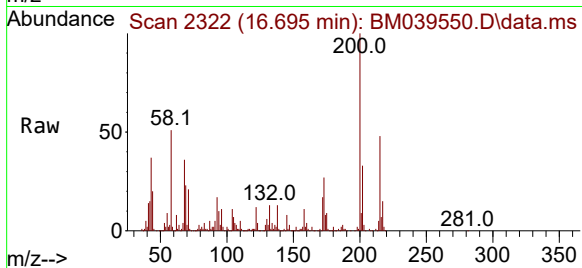
Tgt Ion:200 Resp: 353671

Ion Ratio Lower Upper

200 100

173 27.4 7.0 47.0

215 47.7 28.2 68.2



#70

Pentachlorophenol

Concen: 91.026 ng

RT: 16.883 min Scan# 2354

Delta R.T. 0.000 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

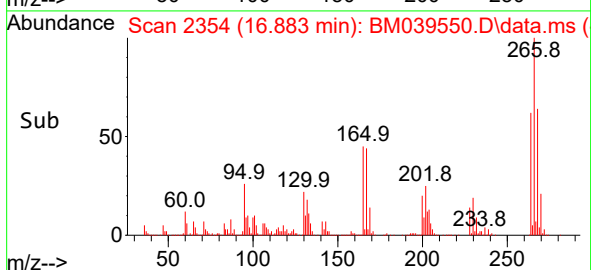
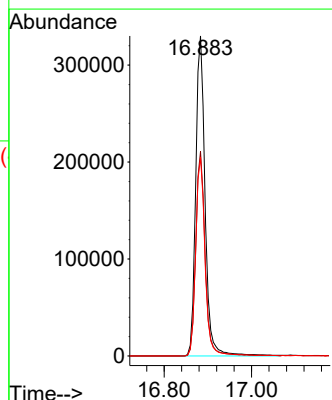
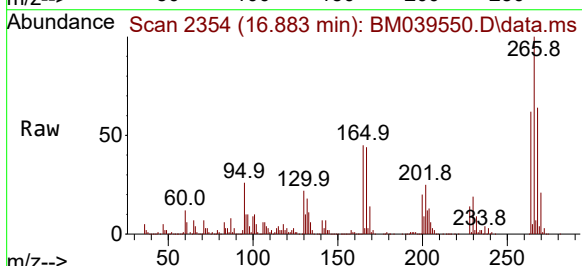
Tgt Ion:266 Resp: 495197

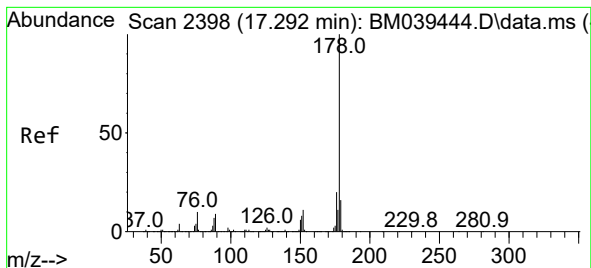
Ion Ratio Lower Upper

266 100

268 63.9 50.6 76.0

264 62.2 50.6 76.0





#71

Phenanthrene

Concen: 49.540 ng

RT: 17.271 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD

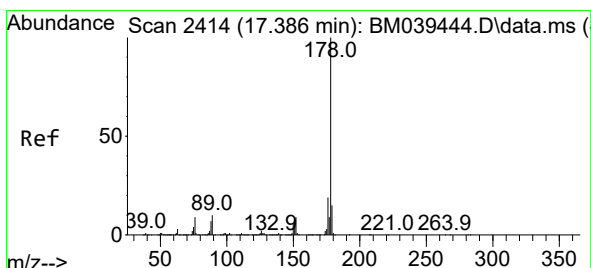
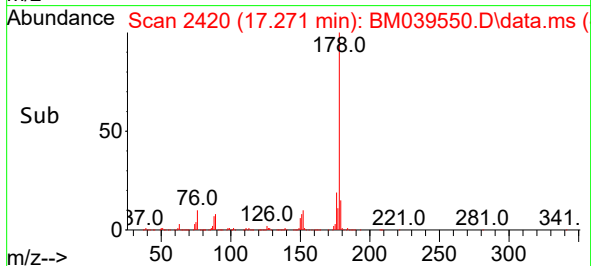
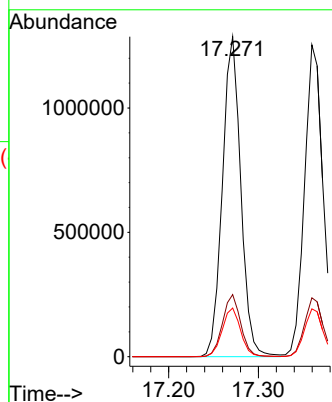
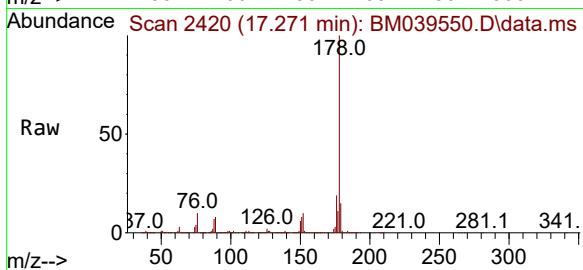
Tgt Ion:178 Resp: 1830878

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.2 12.5 18.7



#72

Anthracene

Concen: 48.675 ng

RT: 17.360 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

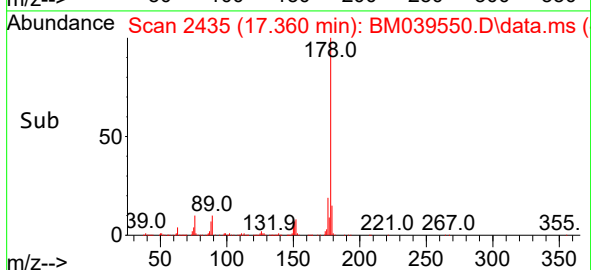
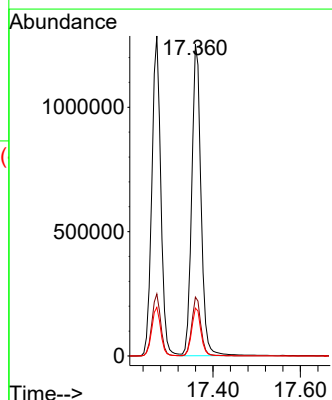
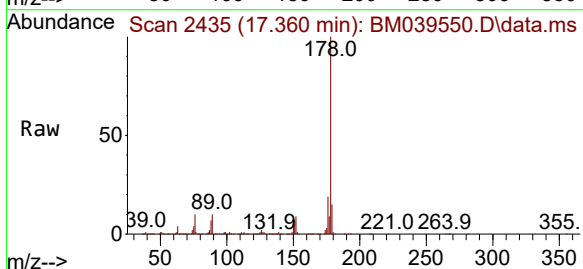
Tgt Ion:178 Resp: 1845274

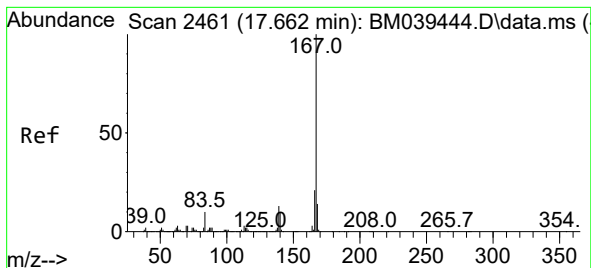
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.3 12.2 18.4





#73

Carbazole

Concen: 45.396 ng

RT: 17.642 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD

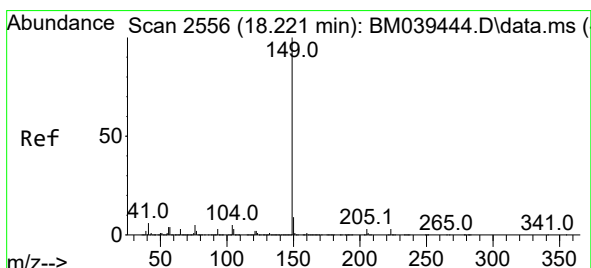
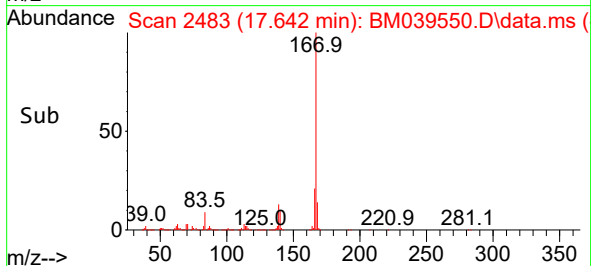
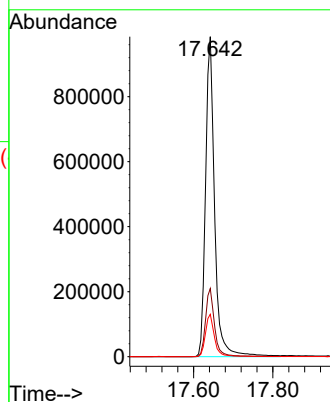
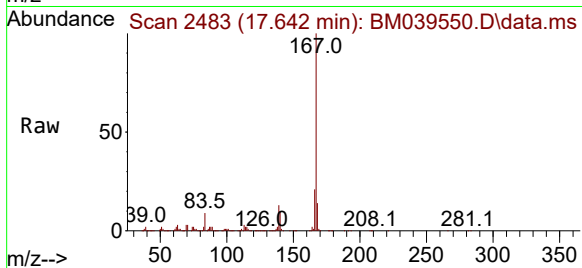
Tgt Ion:167 Resp: 1565262

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

139 13.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 45.456 ng

RT: 18.201 min Scan# 2578

Delta R.T. 0.000 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

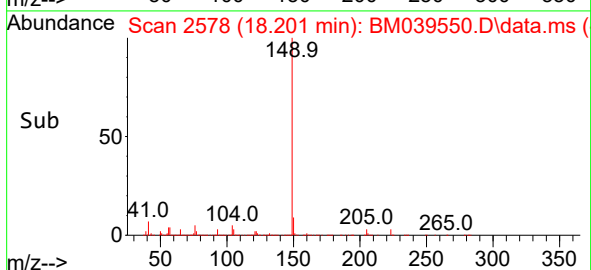
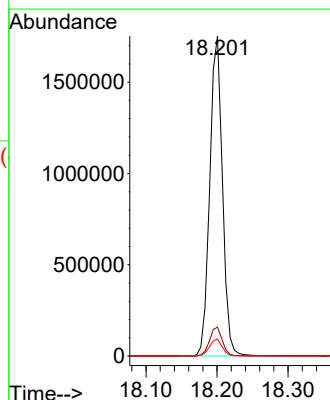
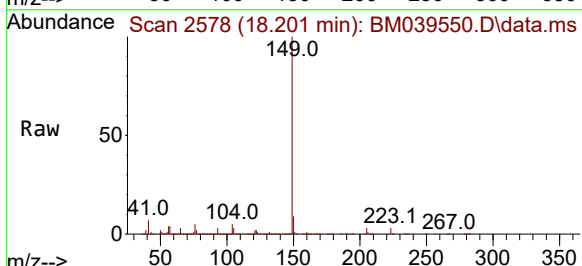
Tgt Ion:149 Resp: 2178676

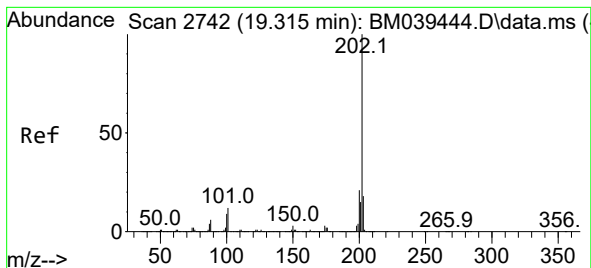
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 42.118 ng

RT: 19.289 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD

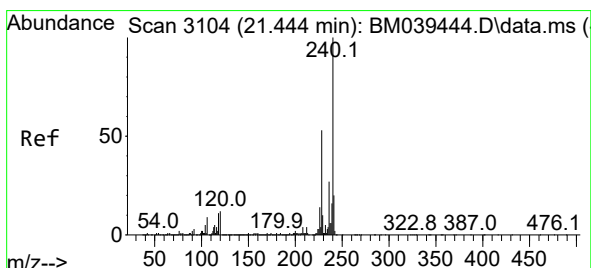
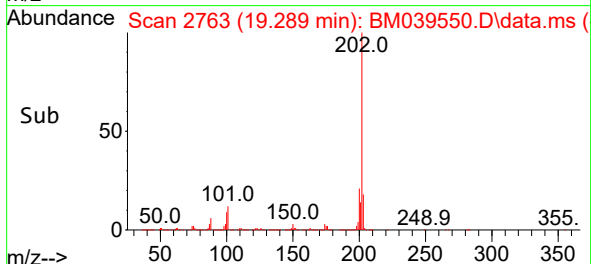
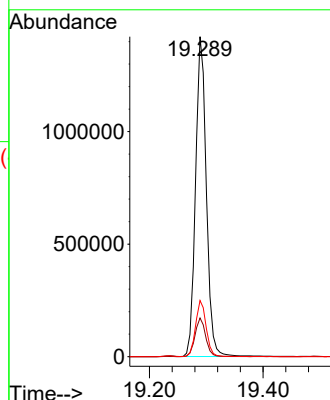
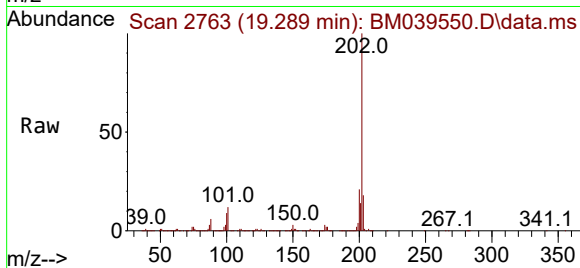
Tgt Ion:202 Resp: 1888470

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.1

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.418 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

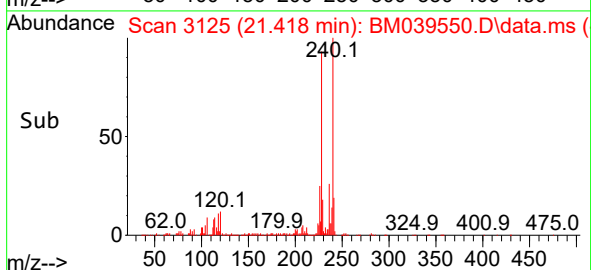
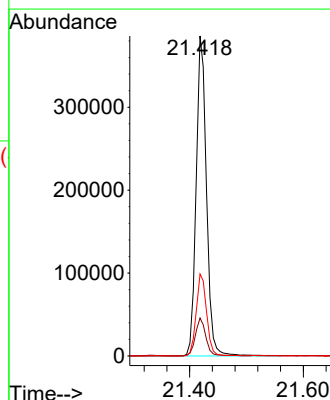
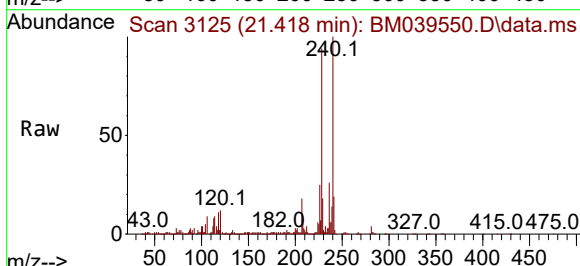
Tgt Ion:240 Resp: 490155

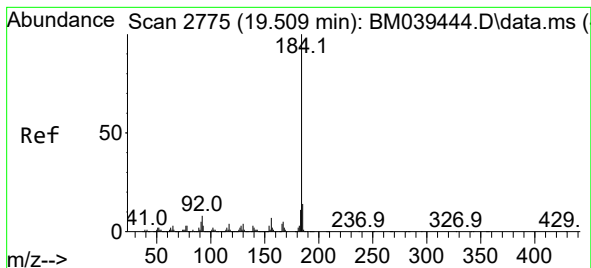
Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

236 25.6 21.2 31.8





#77

Benzidine

Concen: 45.647 ng

RT: 19.489 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD

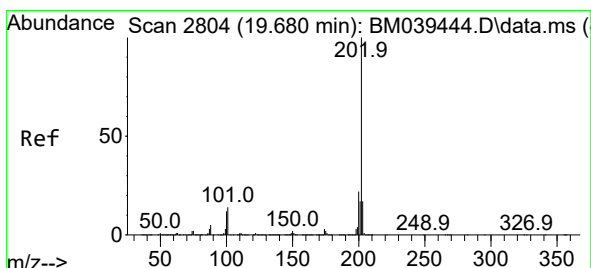
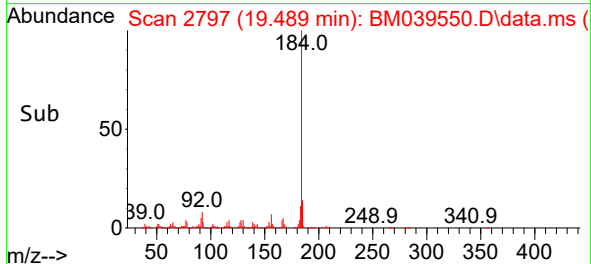
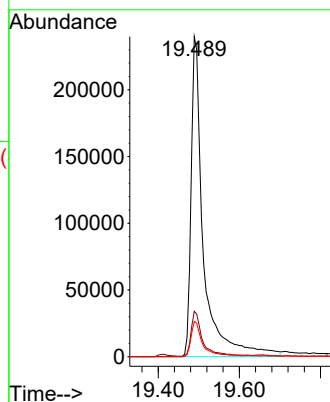
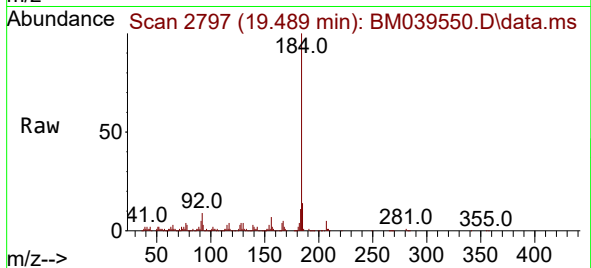
Tgt Ion:184 Resp: 506993

Ion Ratio Lower Upper

184 100

185 14.2 11.0 16.4

183 11.0 8.8 13.2



#78

Pyrene

Concen: 53.878 ng

RT: 19.653 min Scan# 2825

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

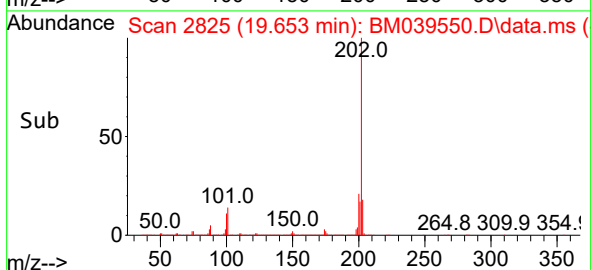
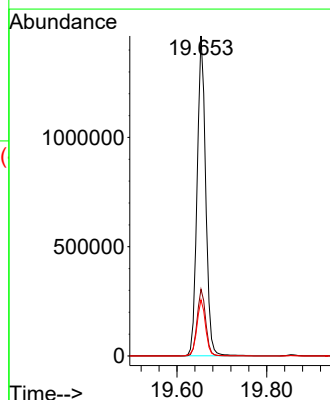
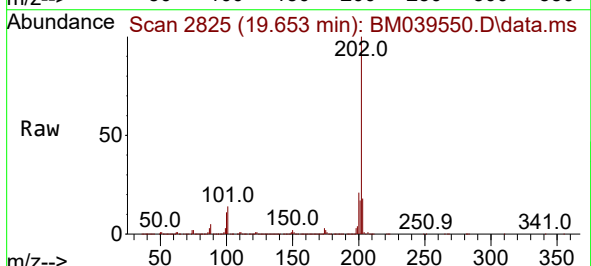
Tgt Ion:202 Resp: 1942126

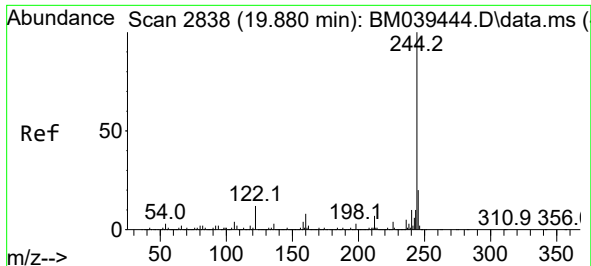
Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

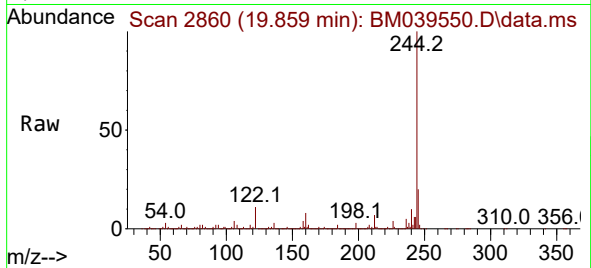
203 17.6 13.9 20.9



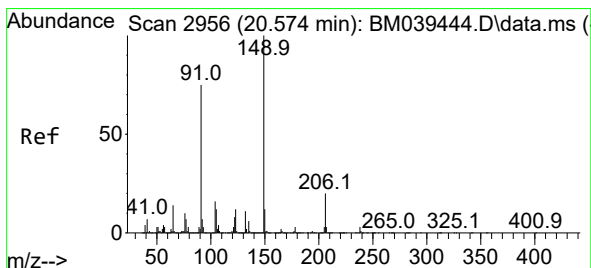
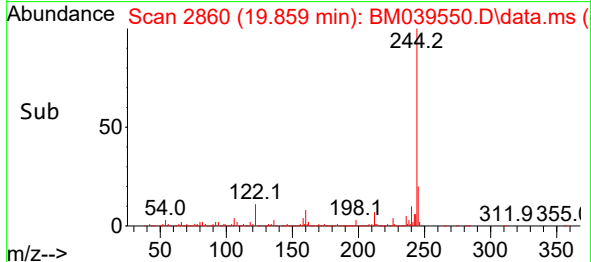
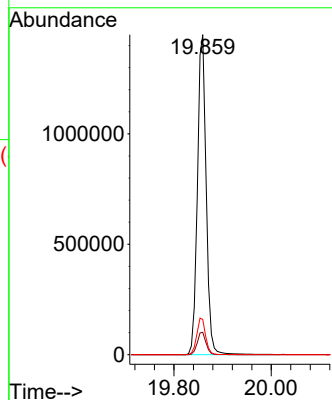


#79
 Terphenyl-d14
 Concen: 67.093 ng
 RT: 19.859 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039550.D
 Acq: 21 Apr 2023 13:42

Instrument :
 BNA_M
 ClientSampleId :
 SB-17-7-9-20230410MSD

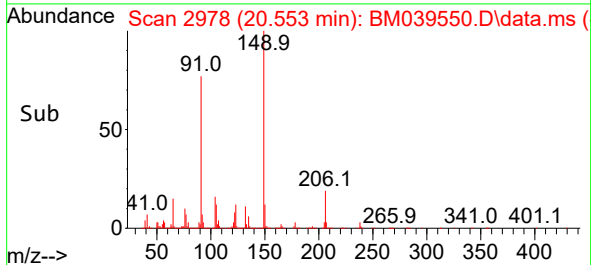
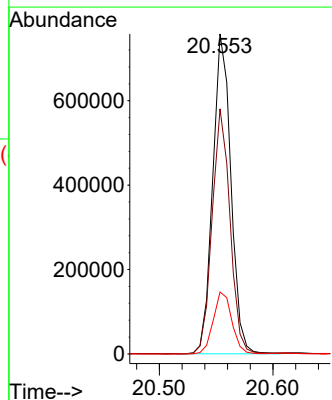
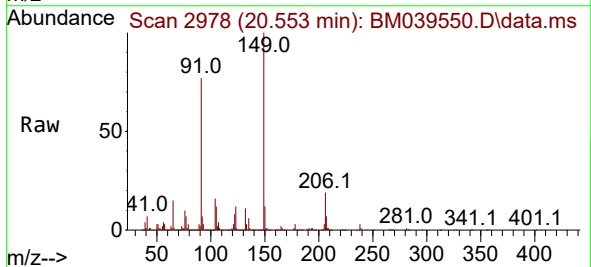


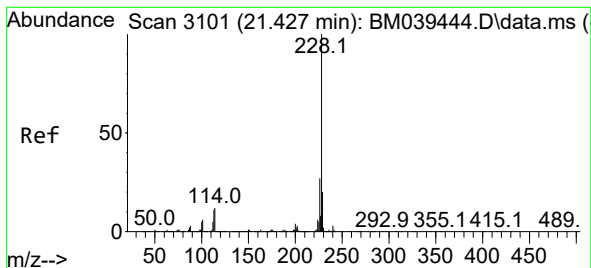
Tgt Ion:244 Resp: 1822900
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 11.0 9.5 14.3



#80
 Butylbenzylphthalate
 Concen: 47.066 ng
 RT: 20.553 min Scan# 2978
 Delta R.T. -0.006 min
 Lab File: BM039550.D
 Acq: 21 Apr 2023 13:42

Tgt Ion:149 Resp: 841282
 Ion Ratio Lower Upper
 149 100
 91 76.6 59.9 89.9
 206 19.3 15.8 23.8





#81

Benzo(a)anthracene

Concen: 47.287 ng

RT: 21.406 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD

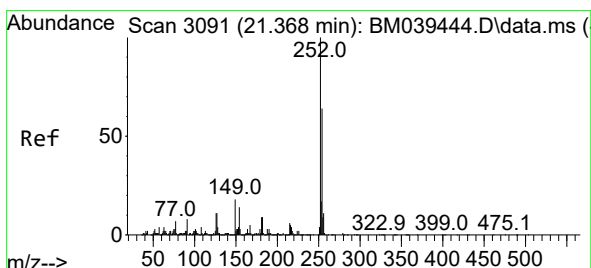
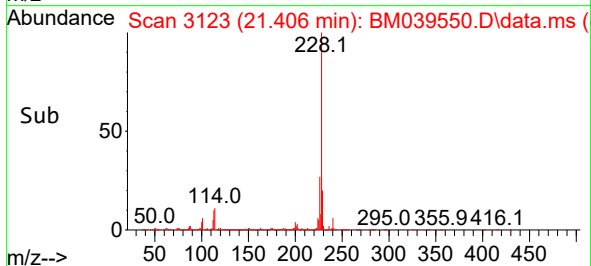
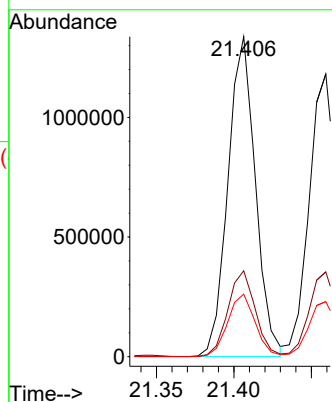
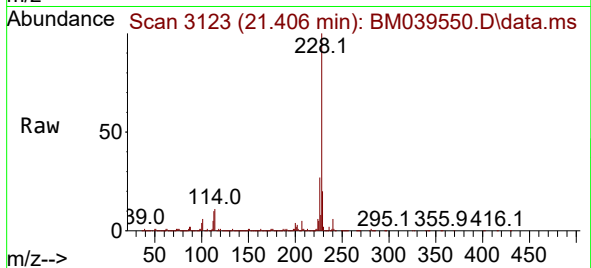
Tgt Ion:228 Resp: 1645984

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.6 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 45.584 ng

RT: 21.342 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

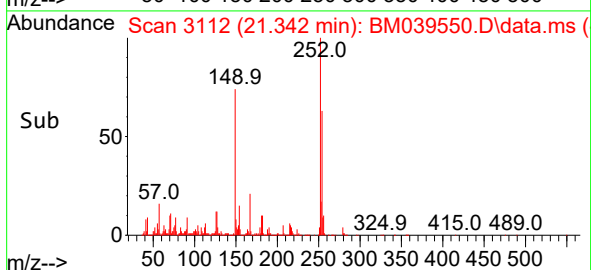
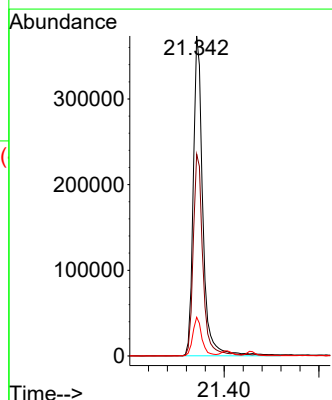
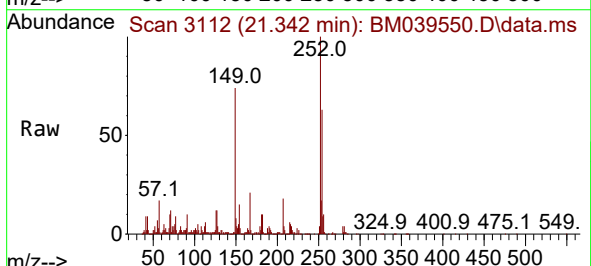
Tgt Ion:252 Resp: 523766

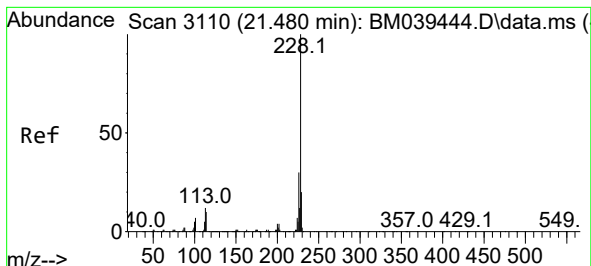
Ion Ratio Lower Upper

252 100

254 63.0 50.8 76.2

126 12.1 9.0 13.4





#83

Chrysene

Concen: 46.232 ng

RT: 21.459 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD

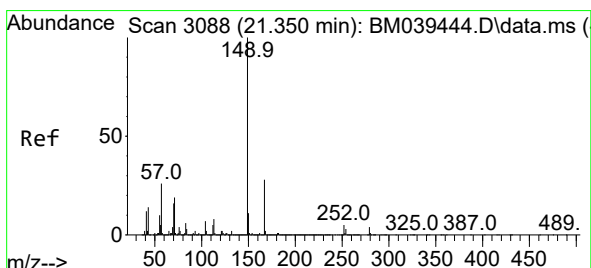
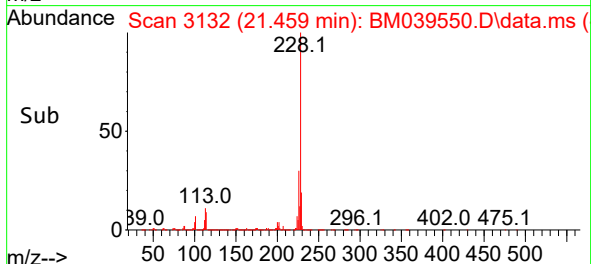
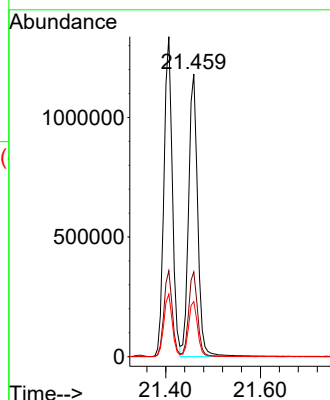
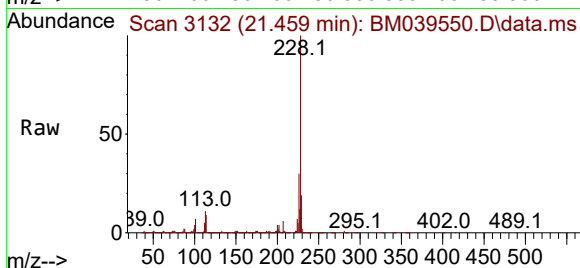
Tgt Ion:228 Resp: 1559791

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.938 ng

RT: 21.330 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

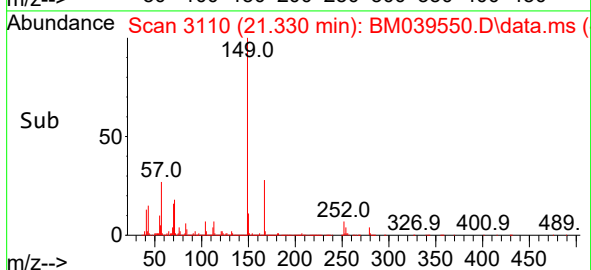
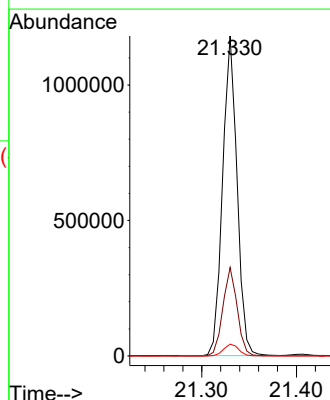
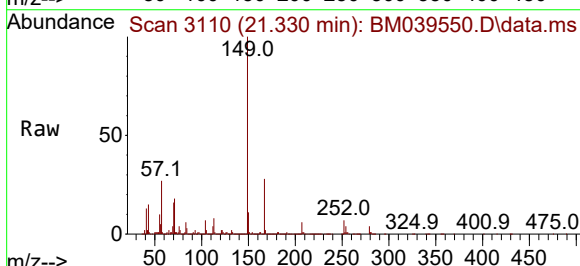
Tgt Ion:149 Resp: 1251680

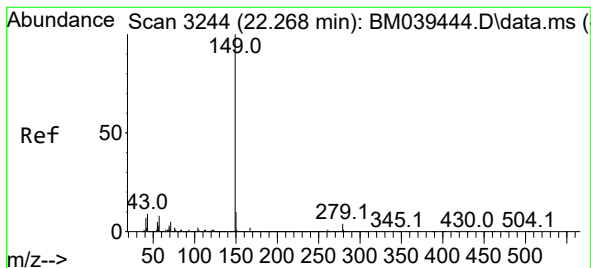
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

279 3.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 43.032 ng

RT: 22.242 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD

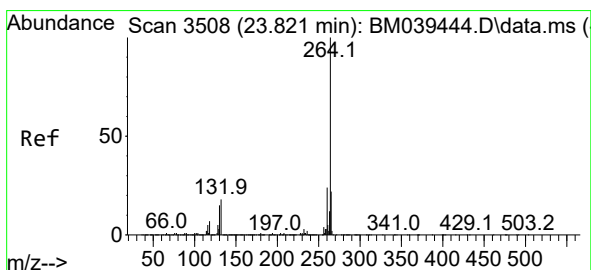
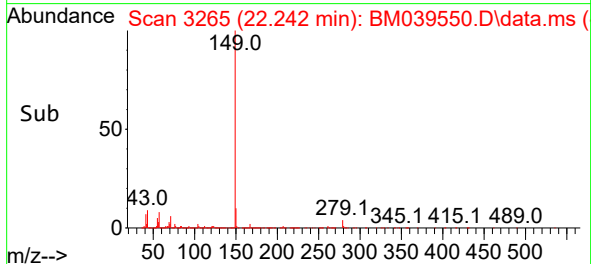
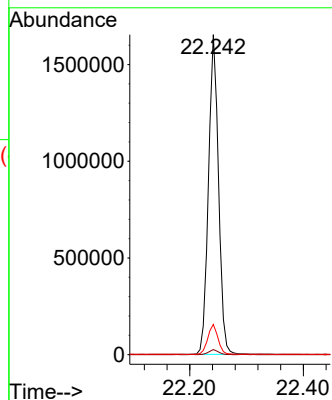
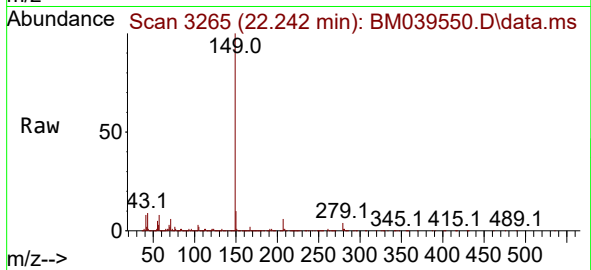
Tgt Ion:149 Resp: 2016256

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.5 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.783 min Scan# 3527

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

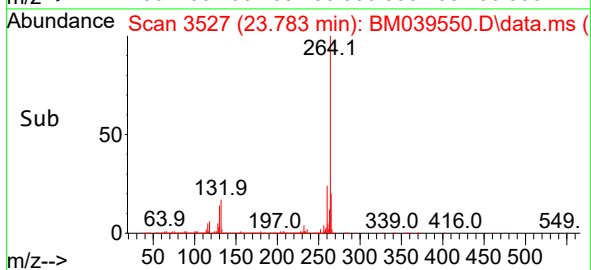
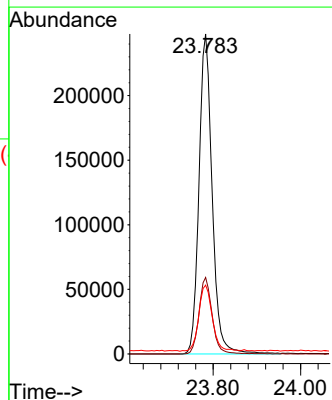
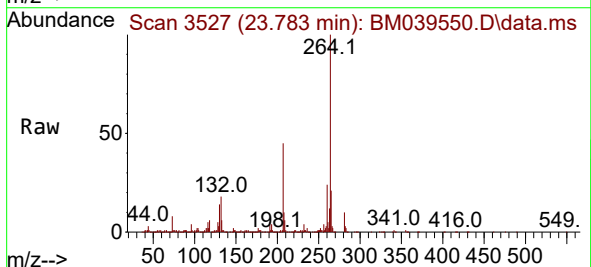
Tgt Ion:264 Resp: 519800

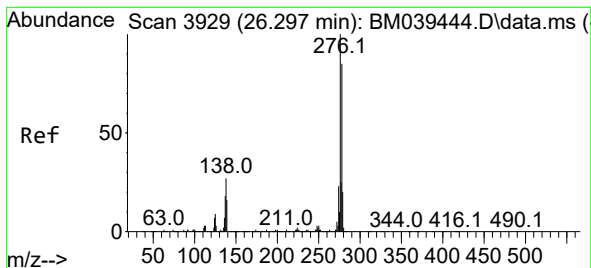
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.5 18.0 27.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.957 ng

RT: 26.230 min Scan# 3405

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD

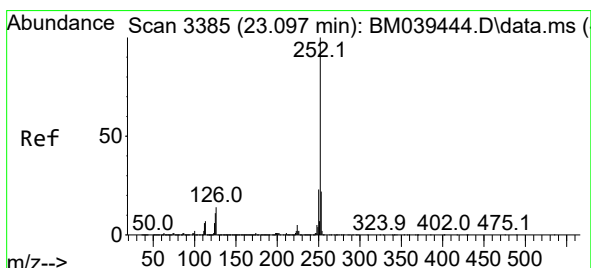
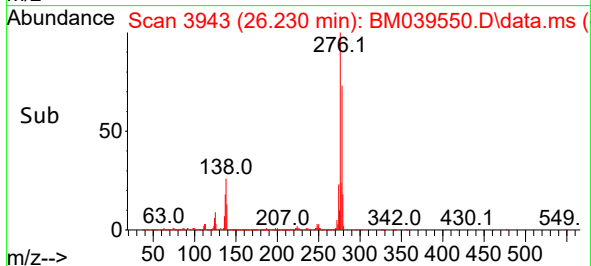
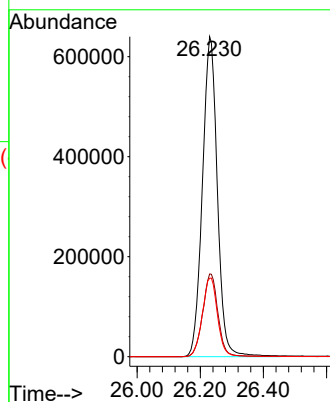
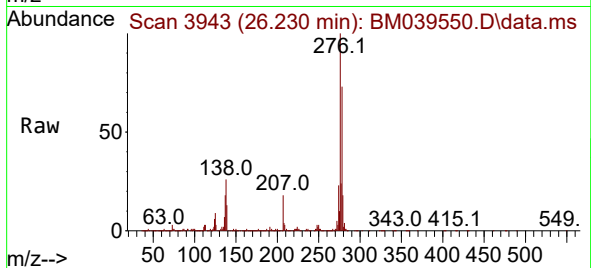
Tgt Ion:276 Resp: 2099131

Ion Ratio Lower Upper

276 100

138 26.5 21.4 32.0

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 51.118 ng

RT: 23.065 min Scan# 3405

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

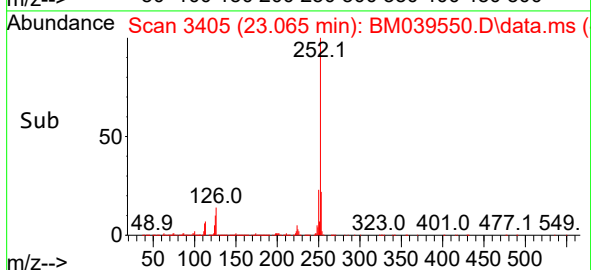
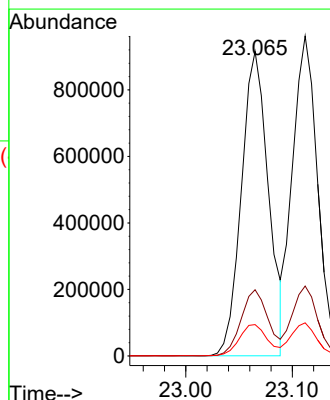
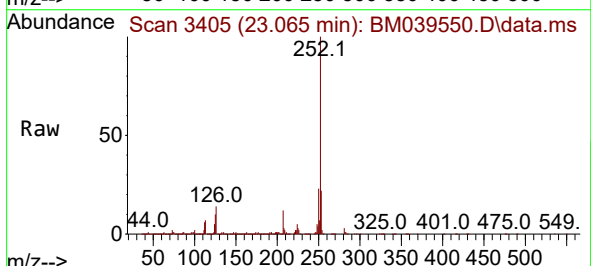
Tgt Ion:252 Resp: 1620063

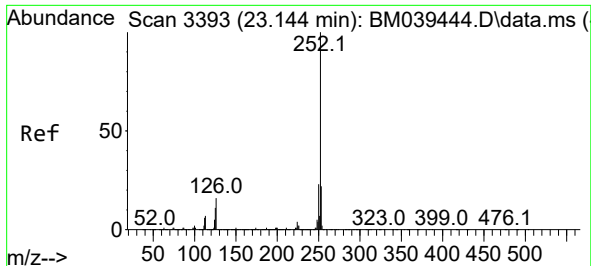
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.3 8.9 13.3

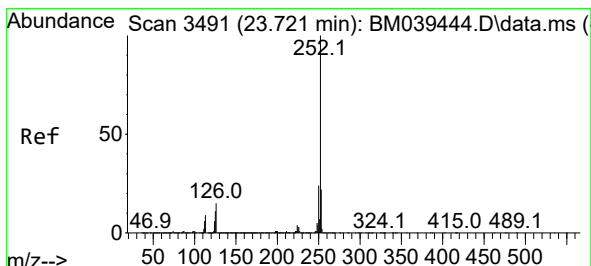
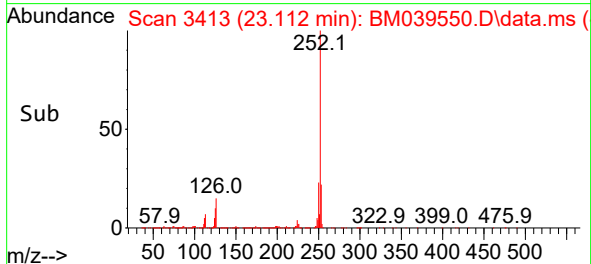
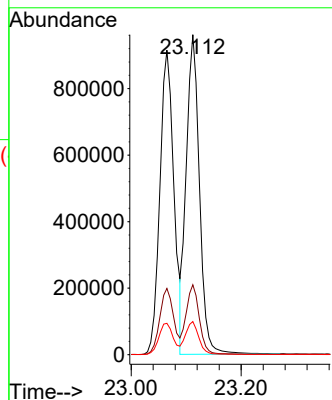
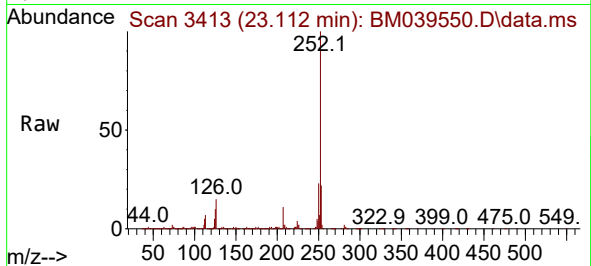




#89
Benzo(k)fluoranthene
Concen: 48.553 ng
RT: 23.112 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

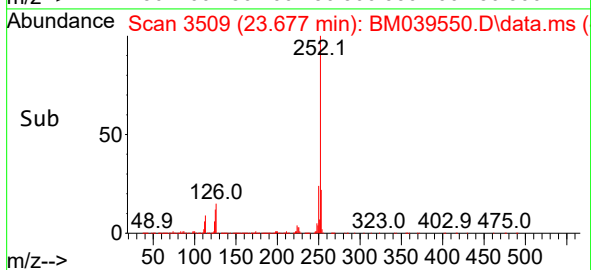
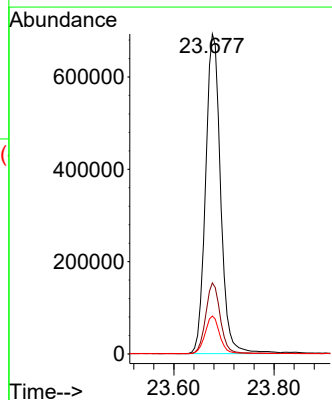
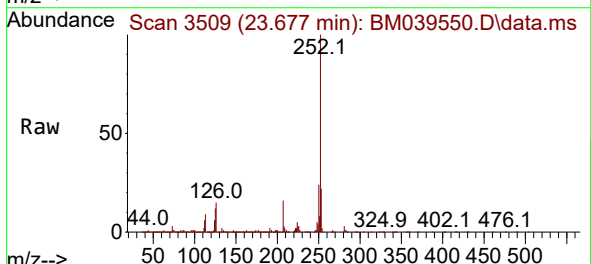
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

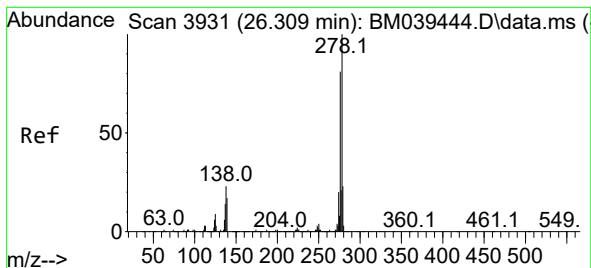
Tgt Ion:252 Resp: 1608768
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.3 8.8 13.2



#90
Benzo(a)pyrene
Concen: 45.661 ng
RT: 23.677 min Scan# 3509
Delta R.T. -0.006 min
Lab File: BM039550.D
Acq: 21 Apr 2023 13:42

Tgt Ion:252 Resp: 1438231
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.8 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 55.254 ng

RT: 26.241 min Scan# 3931

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MSD

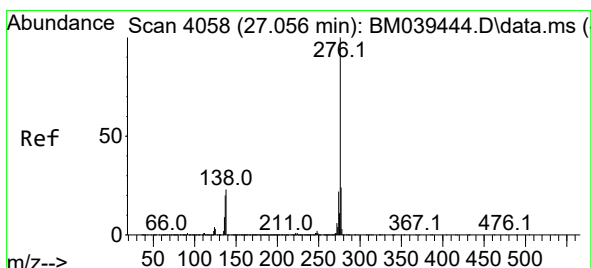
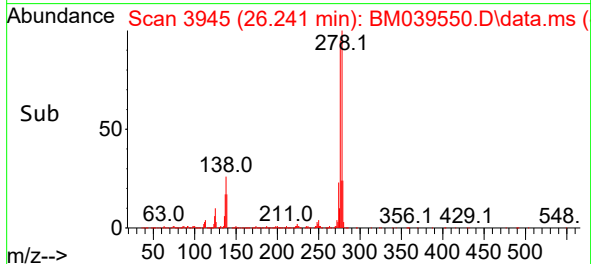
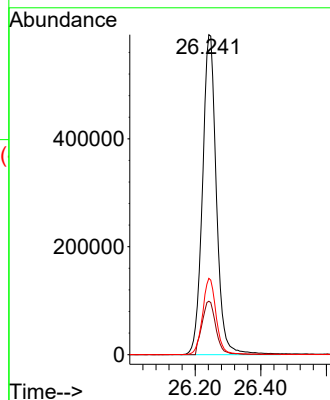
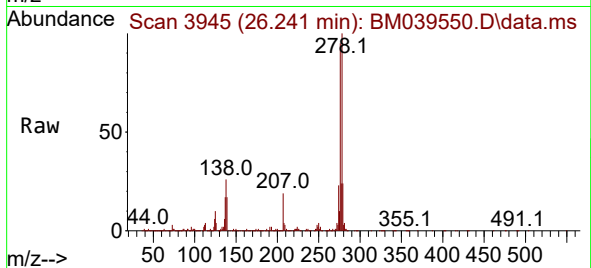
Tgt Ion:278 Resp: 1754219

Ion Ratio Lower Upper

278 100

139 16.7 13.7 20.5

279 23.8 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 55.749 ng

RT: 26.982 min Scan# 4071

Delta R.T. -0.006 min

Lab File: BM039550.D

Acq: 21 Apr 2023 13:42

Tgt Ion:276 Resp: 1754327

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 22.7 18.8 28.2

