

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039549.D
 Acq On : 21 Apr 2023 13:06
 Operator : CG/JU
 Sample : 02270-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Apr 22 01:43:12 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	188118	20.000	ng	0.00
21) Naphthalene-d8	10.625	136	759757	20.000	ng	0.00
39) Acenaphthene-d10	14.477	164	409927	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	719615	20.000	ng	0.00
76) Chrysene-d12	21.418	240	497800	20.000	ng	0.00
86) Perylene-d12	23.783	264	513246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1024538	88.982	ng	0.00
7) Phenol-d6	7.001	99	1364555	80.642	ng	0.00
23) Nitrobenzene-d5	8.989	82	865483	55.785	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	343896	64.649	ng	0.00
45) 2-Fluorobiphenyl	13.095	172	1758298	59.348	ng	0.00
79) Terphenyl-d14	19.859	244	1902616	68.951	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.249	88	250462	52.655	ng	98
3) Pyridine	3.654	79	598517	42.739	ng	97
4) n-Nitrosodimethylamine	3.572	42	307548	53.869	ng	94
6) Aniline	7.160	93	624679	29.261	ng	98
8) 2-Chlorophenol	7.384	128	677757	51.905	ng	98
9) Benzaldehyde	6.960	77	399600	45.799	ng	99
10) Phenol	7.031	94	855969	51.567	ng	98
11) bis(2-Chloroethyl)ether	7.248	93	716001	50.295	ng	98
12) 1,3-Dichlorobenzene	7.701	146	726136	53.369	ng	98
13) 1,4-Dichlorobenzene	7.854	146	725216	53.167	ng	99
14) 1,2-Dichlorobenzene	8.166	146	703504	51.932	ng	99
15) Benzyl Alcohol	8.072	79	580268	47.047	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.354	45	966277	48.115	ng	99
17) 2-Methylphenol	8.284	107	556188	45.379	ng	99
18) Hexachloroethane	8.889	117	287466	53.004	ng	95
19) n-Nitroso-di-n-propyla...	8.636	70	533219	41.646	ng	99
20) 3+4-Methylphenols	8.613	107	737756	43.791	ng	98
22) Acetophenone	8.654	105	1008995	50.117	ng	# 99
24) Nitrobenzene	9.036	77	764696	50.044	ng	100
25) Isophorone	9.560	82	1413316	43.984	ng	99
26) 2-Nitrophenol	9.742	139	352446	51.112	ng	97
27) 2,4-Dimethylphenol	9.813	122	574151	48.181	ng	98
28) bis(2-Chloroethoxy)met...	10.042	93	868834	47.568	ng	100
29) 2,4-Dichlorophenol	10.289	162	589121	51.058	ng	99
30) 1,2,4-Trichlorobenzene	10.489	180	634456	51.951	ng	100
31) Naphthalene	10.678	128	1990242	48.481	ng	100
32) Benzoic acid	9.995	122	399492	42.332	ng	96
33) 4-Chloroaniline	10.813	127	331406	19.109	ng	99
34) Hexachlorobutadiene	10.954	225	377658	52.072	ng	99
35) Caprolactam	11.607	113	160338	34.843	ng	97
36) 4-Chloro-3-methylphenol	11.942	107	607658	43.267	ng	99
37) 2-Methylnaphthalene	12.289	142	1319634	43.741	ng	99
38) 1-Methylnaphthalene	12.513	142	1233637	43.393	ng	100
40) 1,2,4,5-Tetrachloroben...	12.660	216	657619	55.001	ng	99
41) Hexachlorocyclopentadiene	12.636	237	855068	126.480	ng	97
43) 2,4,6-Trichlorophenol	12.913	196	431030	52.328	ng	98

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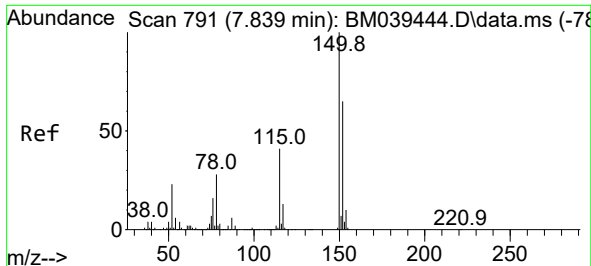
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	455275	46.768	ng	98
46) 1,1'-Biphenyl	13.307	154	1661594	52.614	ng	99
47) 2-Chloronaphthalene	13.348	162	1259983	53.669	ng	99
48) 2-Nitroaniline	13.571	65	366022	45.594	ng	99
49) Acenaphthylene	14.195	152	1929616	48.051	ng	99
50) Dimethylphthalate	13.942	163	1464587	44.137	ng	99
51) 2,6-Dinitrotoluene	14.066	165	310761	44.050	ng	93
52) Acenaphthene	14.542	154	1157812	48.695	ng	100
53) 3-Nitroaniline	14.401	138	269399	37.423	ng	99
54) 2,4-Dinitrophenol	14.613	184	351799	79.567	ng	96
55) Dibenzofuran	14.877	168	1787627	46.788	ng	100
56) 4-Nitrophenol	14.724	139	449104	76.916	ng	97
57) 2,4-Dinitrotoluene	14.860	165	399045	41.383	ng	93
58) Fluorene	15.524	166	1397806	45.108	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.107	232	364578	45.471	ng	99
60) Diethylphthalate	15.307	149	1442032	41.917	ng	100
61) 4-Chlorophenyl-phenyle...	15.518	204	704654	45.877	ng	98
62) 4-Nitroaniline	15.571	138	230791	33.735	ng	97
63) Azobenzene	15.812	77	1555524	46.401	ng	97
65) 4,6-Dinitro-2-methylph...	15.624	198	230003	51.044	ng	98
66) n-Nitrosodiphenylamine	15.742	169	1139578	52.233	ng	100
67) 4-Bromophenyl-phenylether	16.418	248	404475	53.395	ng	99
68) Hexachlorobenzene	16.530	284	450584	54.778	ng	99
69) Atrazine	16.701	200	370537	50.625	ng	99
70) Pentachlorophenol	16.883	266	521018	90.704	ng	99
71) Phenanthrene	17.271	178	1938642	49.680	ng	99
72) Anthracene	17.359	178	1958974	48.940	ng	99
73) Carbazole	17.642	167	1666677	45.780	ng	100
74) Di-n-butylphthalate	18.201	149	2297953	45.407	ng	99
75) Fluoranthene	19.289	202	1978955	41.801	ng	100
77) Benzidine	19.489	184	498505	44.194	ng	98
78) Pyrene	19.653	202	2030359	55.461	ng	99
80) Butylbenzylphthalate	20.553	149	869876	47.918	ng	100
81) Benzo(a)anthracene	21.406	228	1690698	47.825	ng	100
82) 3,3'-Dichlorobenzidine	21.342	252	527824	45.232	ng	98
83) Chrysene	21.459	228	1600672	46.715	ng	99
84) Bis(2-ethylhexyl)phtha...	21.330	149	1280366	46.269	ng	99
85) Di-n-octyl phthalate	22.241	149	2048764	43.054	ng	99
87) Indeno(1,2,3-cd)pyrene	26.229	276	2037489	54.024	ng	100
88) Benzo(b)fluoranthene	23.065	252	1620905	51.797	ng	99
89) Benzo(k)fluoranthene	23.112	252	1593305	48.701	ng	99
90) Benzo(a)pyrene	23.677	252	1413218	45.439	ng	100
91) Dibenzo(a,h)anthracene	26.241	278	1706427	54.435	ng	100
92) Benzo(g,h,i)perylene	26.982	276	1707711	54.960	ng	99

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

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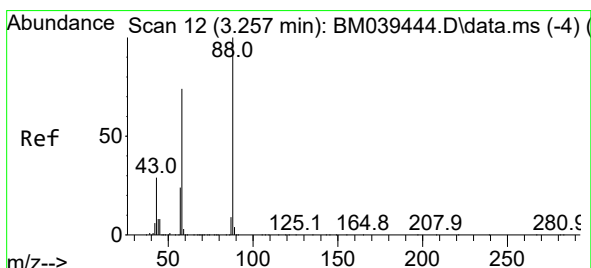
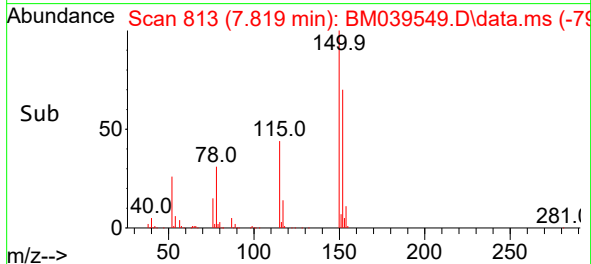
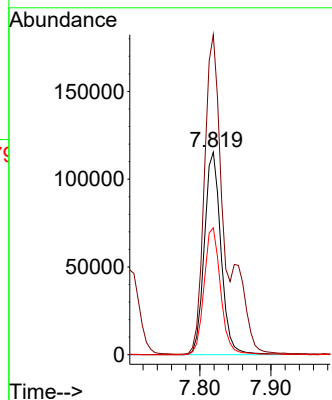
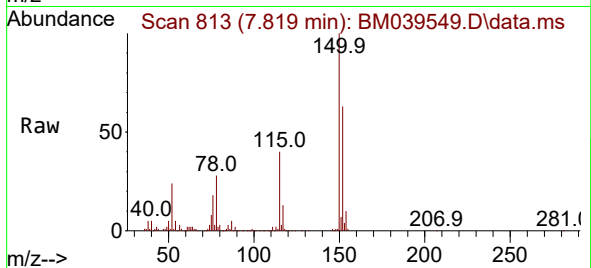




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.819 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039549.D
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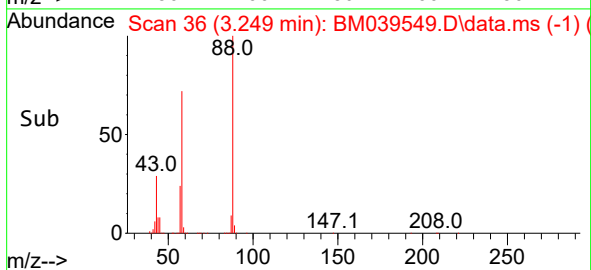
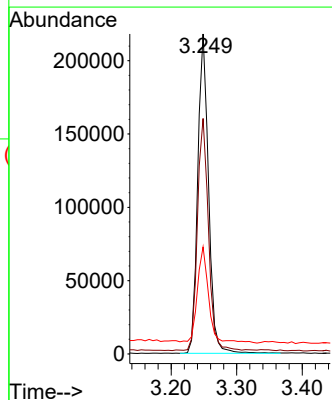
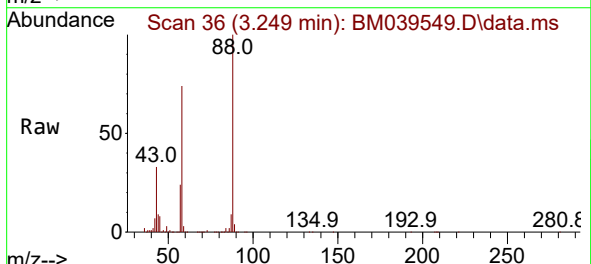
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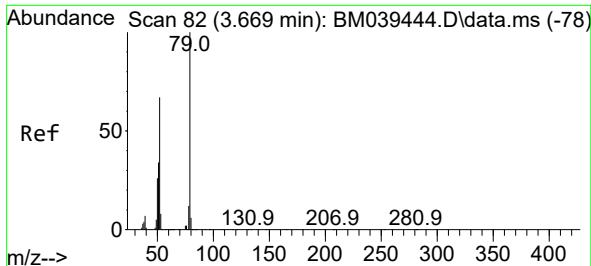
Tgt Ion:152 Resp: 188118
Ion Ratio Lower Upper
152 100
150 158.0 123.0 184.4
115 62.7 49.9 74.9



#2
1,4-Dioxane
Concen: 52.655 ng
RT: 3.249 min Scan# 36
Delta R.T. -0.000 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion: 88 Resp: 250462
Ion Ratio Lower Upper
88 100
58 73.8 59.4 89.2
43 31.9 23.4 35.2

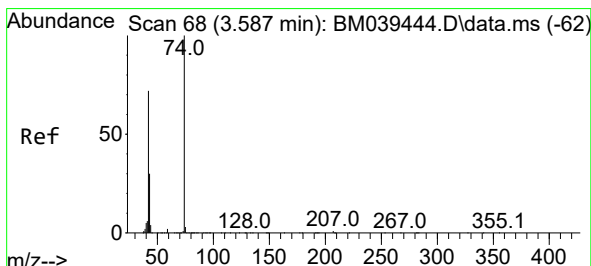
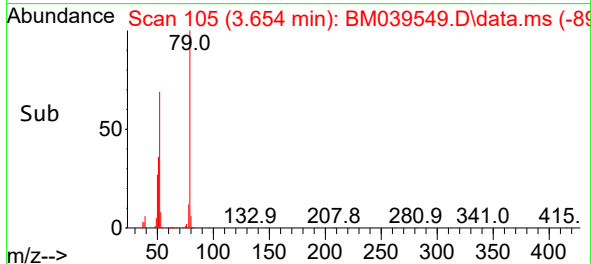
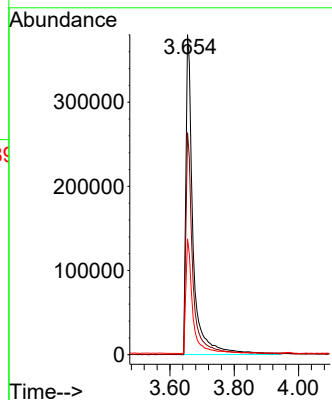
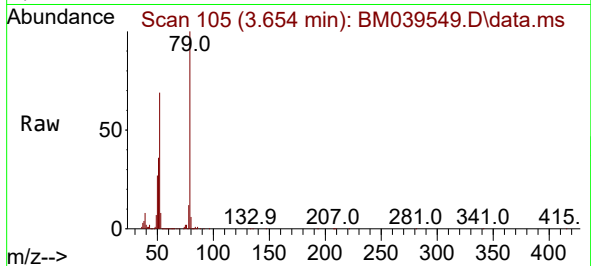




#3
Pyridine
Concen: 42.739 ng
RT: 3.654 min Scan# 105
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

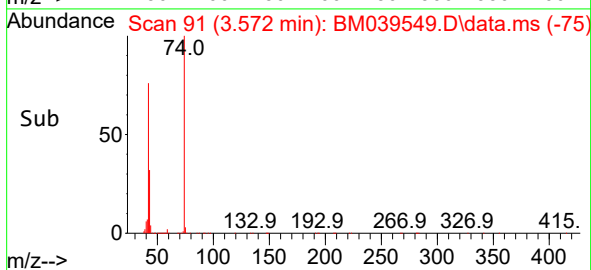
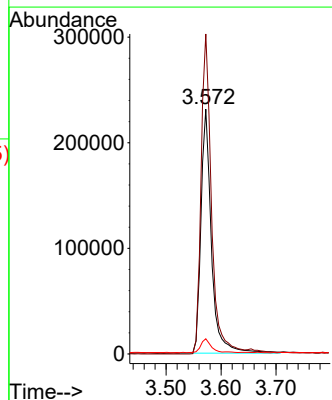
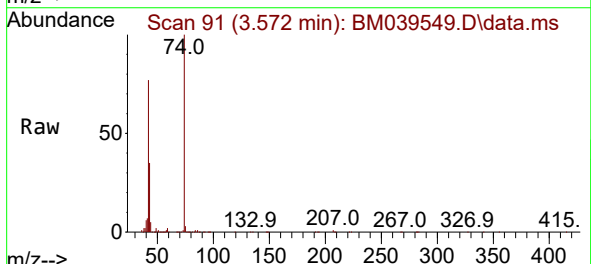
Instrument :
BNA_M
ClientSampleId :
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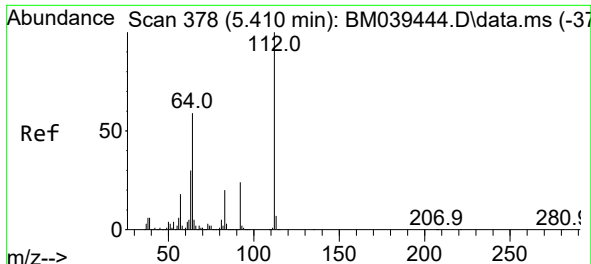
Tgt Ion: 79 Resp: 598517
Ion Ratio Lower Upper
79 100
52 69.3 53.8 80.8
51 36.2 27.7 41.5



#4
n-Nitrosodimethylamine
Concen: 53.869 ng
RT: 3.572 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion: 42 Resp: 307548
Ion Ratio Lower Upper
42 100
74 130.7 110.6 165.8
44 6.2 5.5 8.3

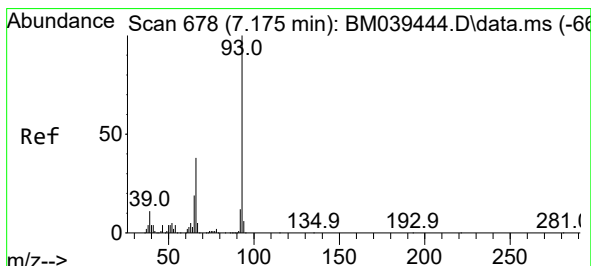
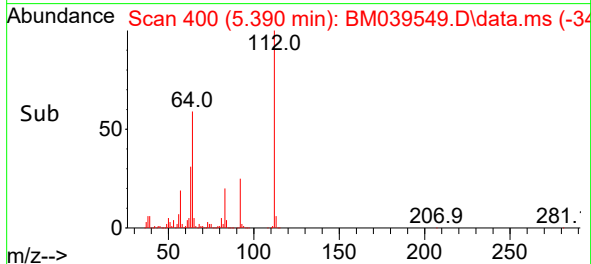
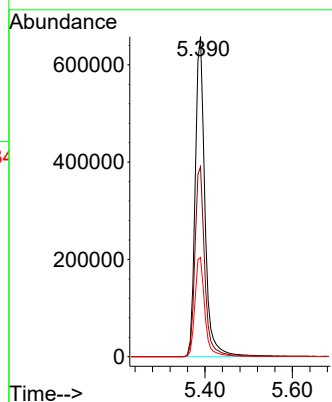
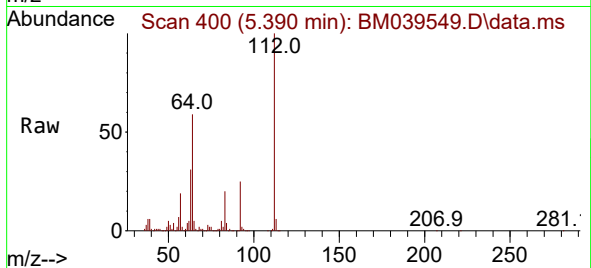




#5
2-Fluorophenol
Concen: 88.982 ng
RT: 5.390 min Scan# 40
Delta R.T. -0.000 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

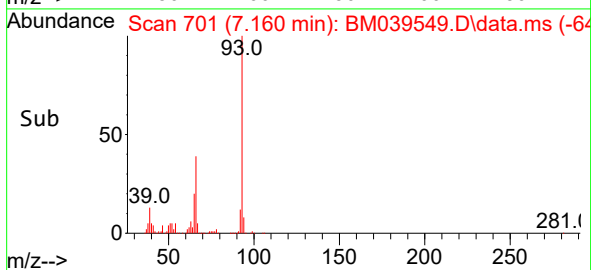
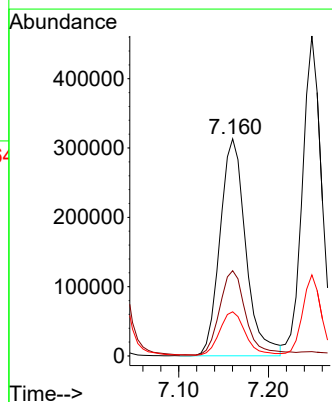
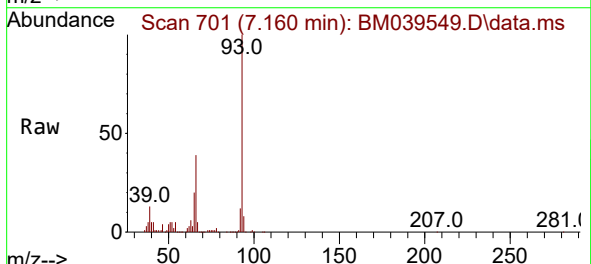
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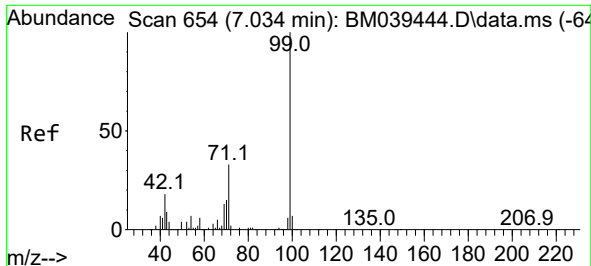
Tgt Ion:112 Resp: 1024538
Ion Ratio Lower Upper
112 100
64 59.4 47.0 70.4
63 31.0 24.2 36.4



#6
Aniline
Concen: 29.261 ng
RT: 7.160 min Scan# 701
Delta R.T. 0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion: 93 Resp: 624679
Ion Ratio Lower Upper
93 100
66 39.3 30.6 46.0
65 20.4 15.7 23.5

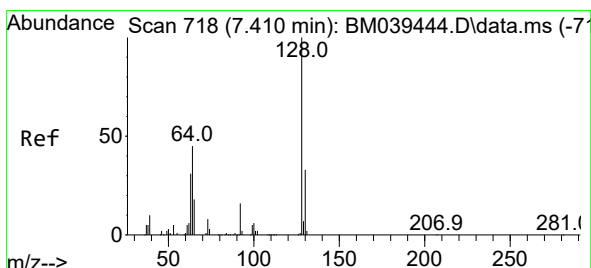
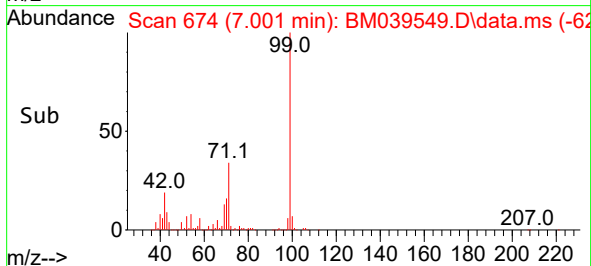
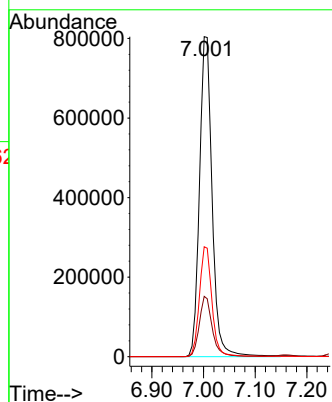
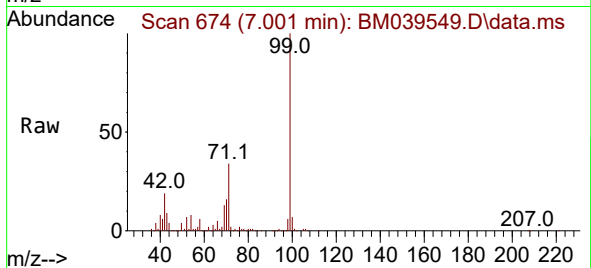




#7
Phenol-d6
Concen: 80.642 ng
RT: 7.001 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

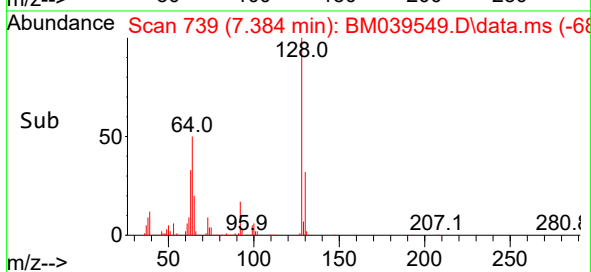
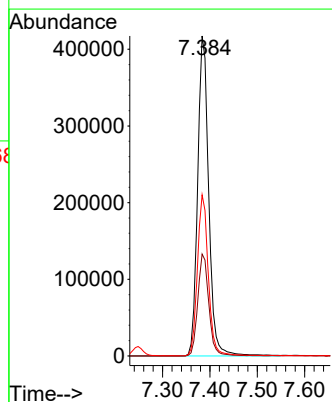
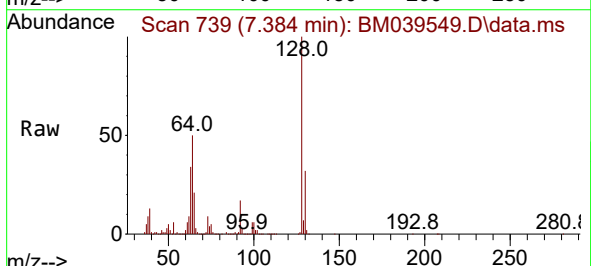
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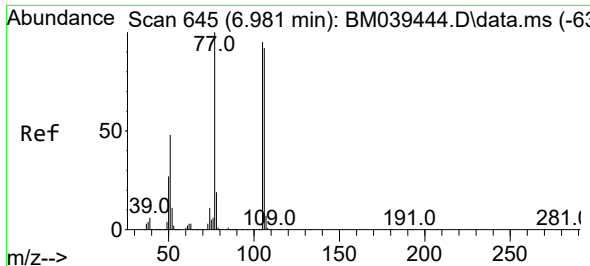
Tgt Ion: 99 Resp: 1364555
Ion Ratio Lower Upper
99 100
42 18.9 14.2 21.4
71 34.3 26.8 40.2



#8
2-Chlorophenol
Concen: 51.905 ng
RT: 7.384 min Scan# 739
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion: 128 Resp: 677757
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 50.4 29.0 69.0

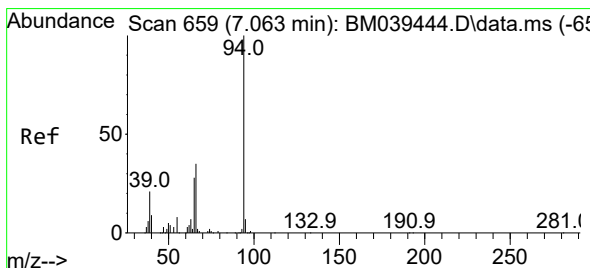
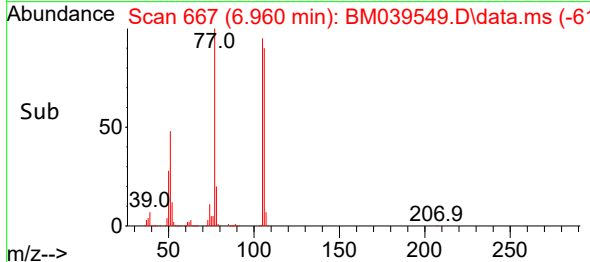
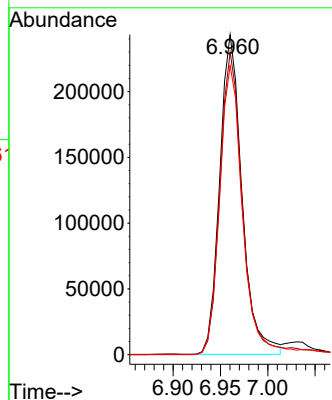
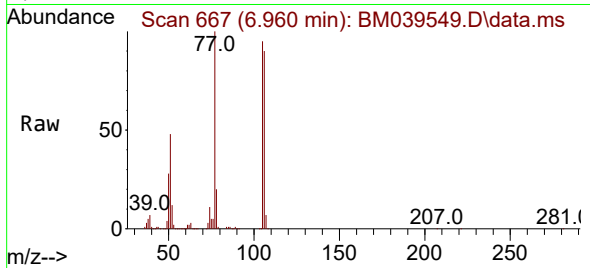




#9
Benzaldehyde
Concen: 45.799 ng
RT: 6.960 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

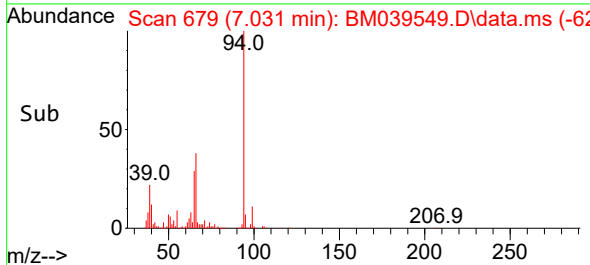
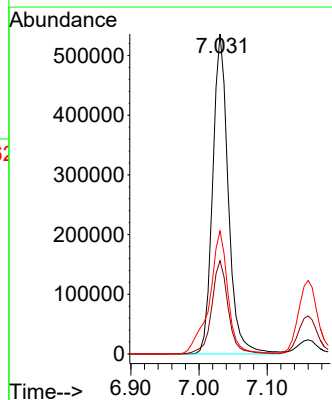
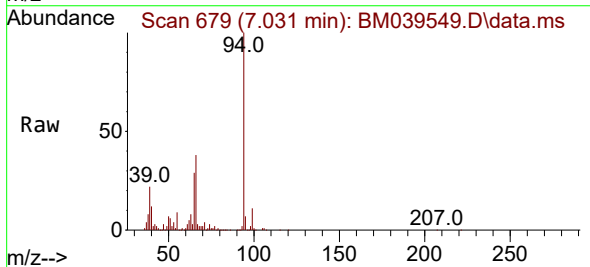
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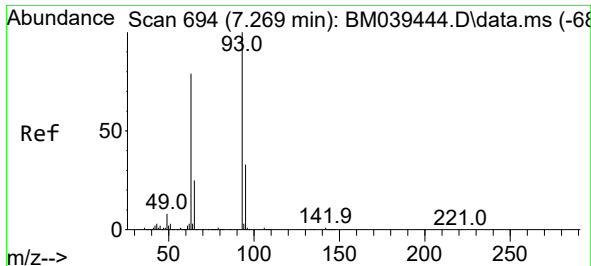
Tgt Ion: 77 Resp: 399600
Ion Ratio Lower Upper
77 100
105 94.6 75.3 115.3
106 90.3 71.9 111.9



#10
Phenol
Concen: 51.567 ng
RT: 7.031 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion: 94 Resp: 855969
Ion Ratio Lower Upper
94 100
65 29.1 8.2 48.2
66 38.4 16.7 56.7

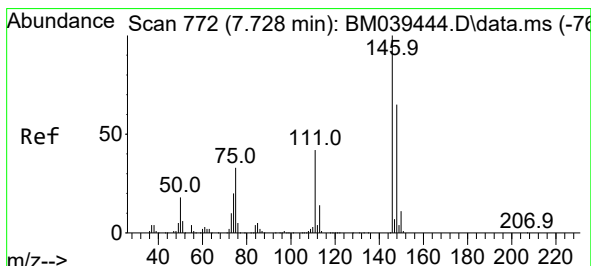
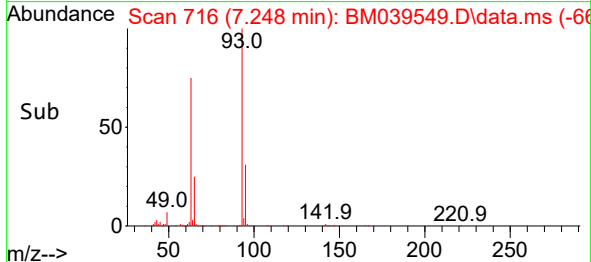
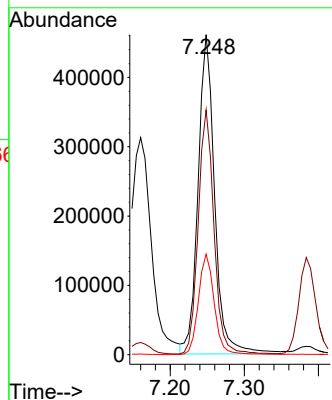
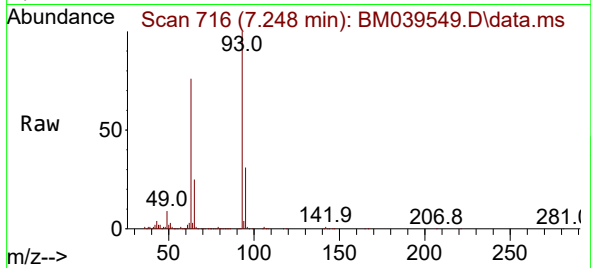




#11
bis(2-Chloroethyl)ether
Concen: 50.295 ng
RT: 7.248 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

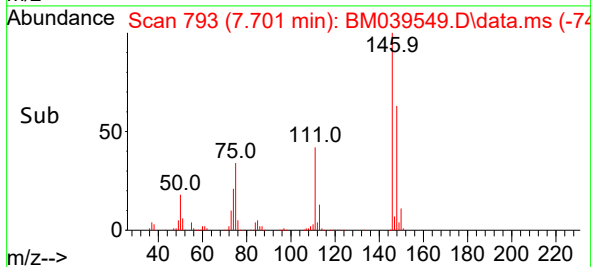
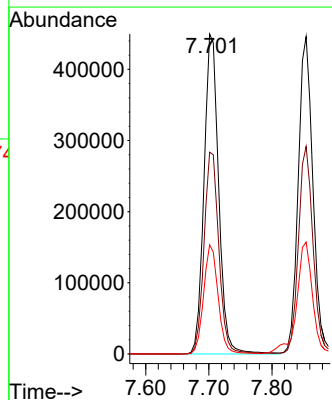
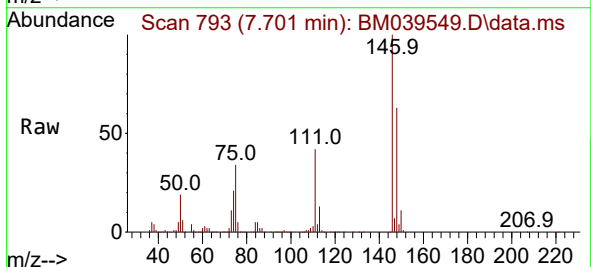
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

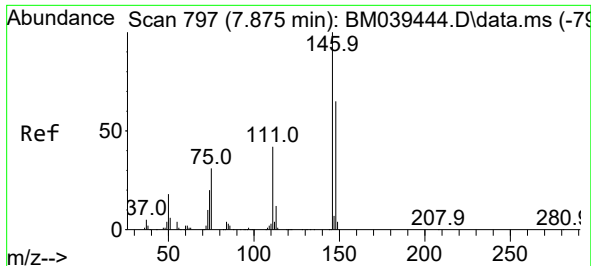
Tgt Ion: 93 Resp: 716001
Ion Ratio Lower Upper
93 100
63 76.5 58.1 98.1
95 31.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 53.369 ng
RT: 7.701 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion:146 Resp: 726136
Ion Ratio Lower Upper
146 100
148 63.0 52.0 78.0
75 34.1 26.6 39.8

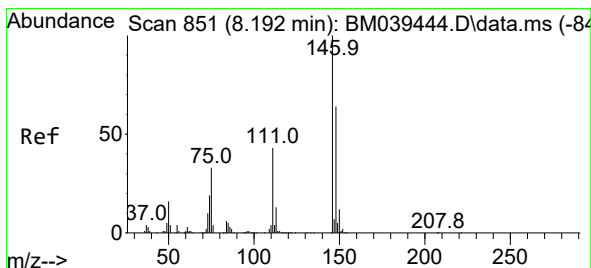
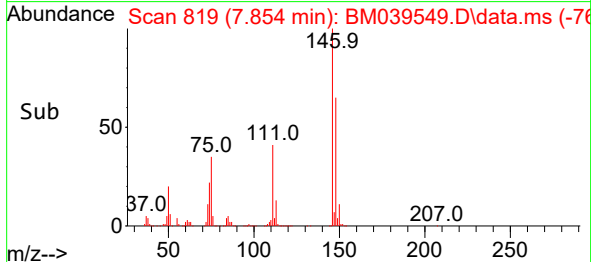
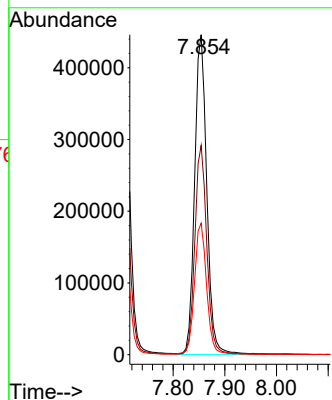
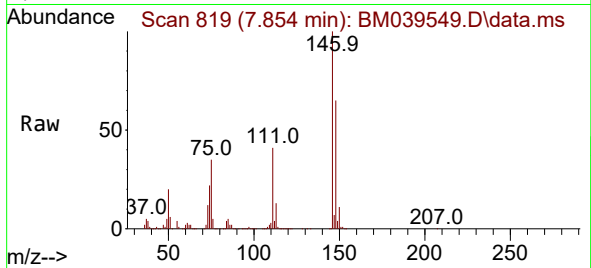




#13
1,4-Dichlorobenzene
Concen: 53.167 ng
RT: 7.854 min Scan# 819
Delta R.T. -0.000 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

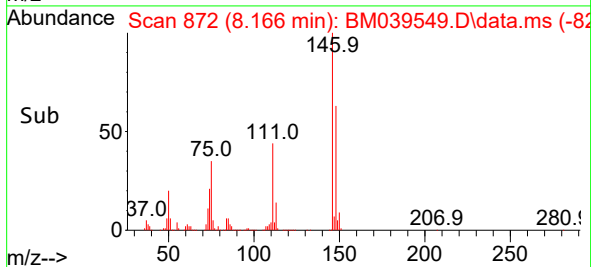
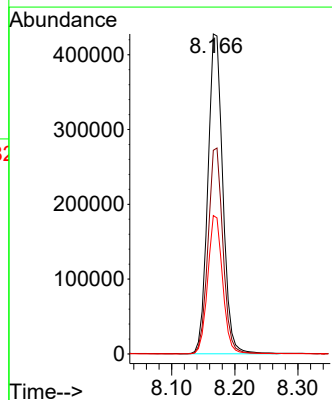
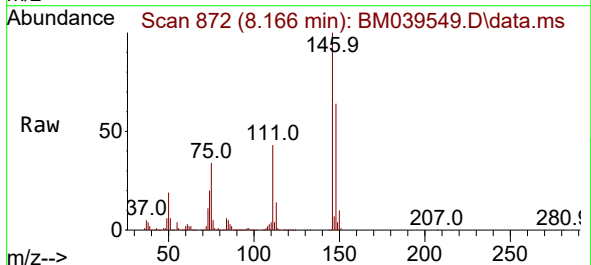
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

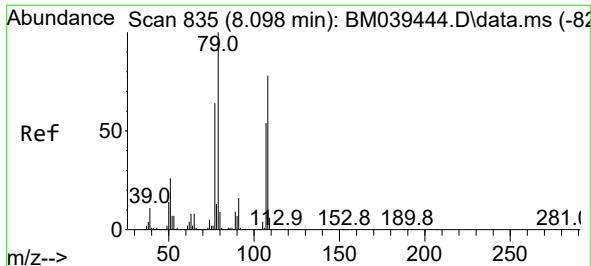
Tgt Ion:146 Resp: 725216
Ion Ratio Lower Upper
146 100
148 65.4 51.7 77.5
111 41.1 33.5 50.3



#14
1,2-Dichlorobenzene
Concen: 51.932 ng
RT: 8.166 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion:146 Resp: 703504
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 43.2 34.3 51.5

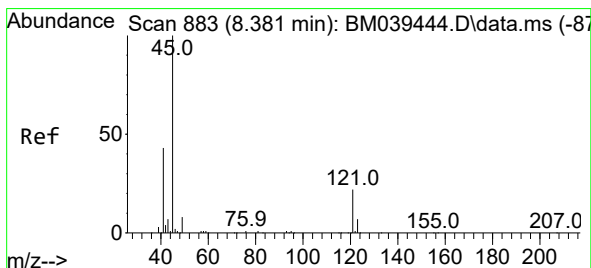
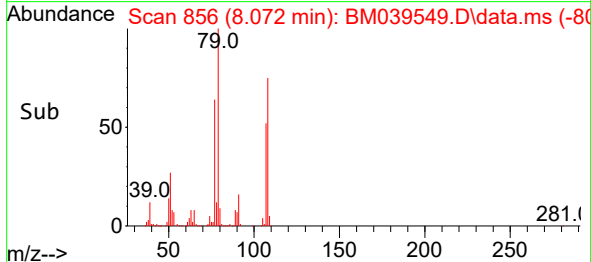
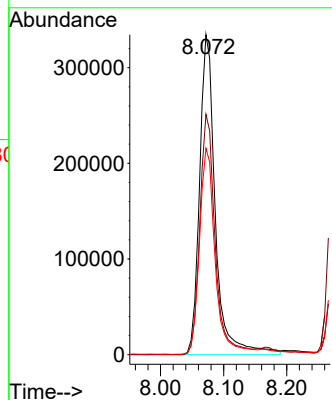
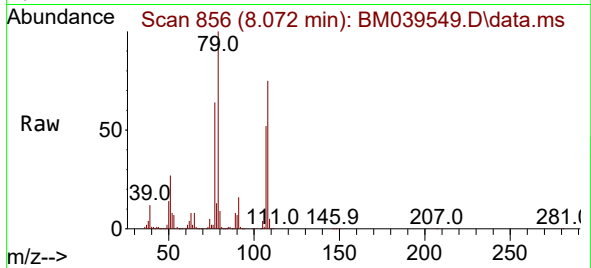




#15
Benzyl Alcohol
Concen: 47.047 ng
RT: 8.072 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

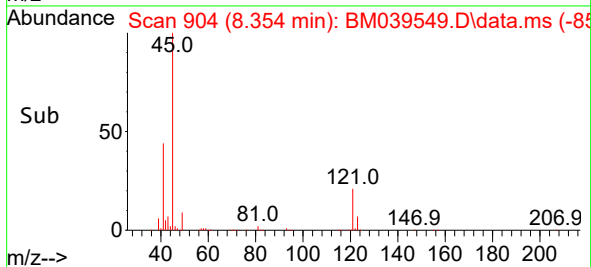
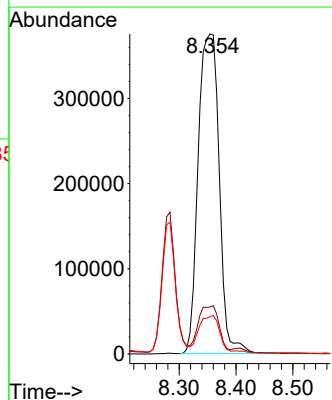
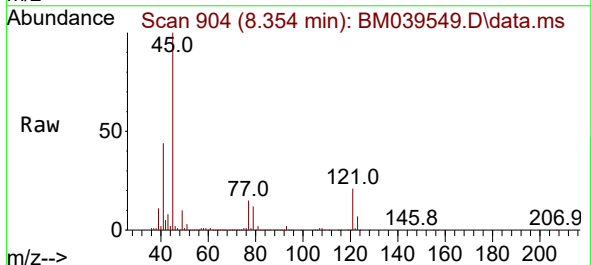
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

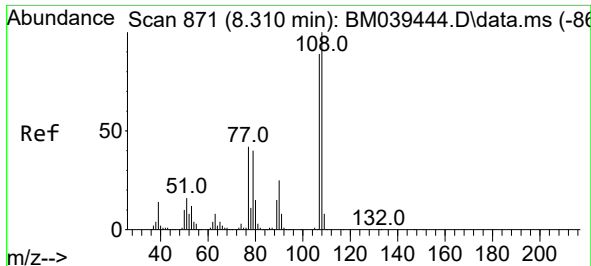
Tgt Ion: 79 Resp: 580268
Ion Ratio Lower Upper
79 100
108 75.1 62.6 93.8
77 64.5 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.115 ng
RT: 8.354 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion: 45 Resp: 966277
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.3
79 11.7 0.0 32.2

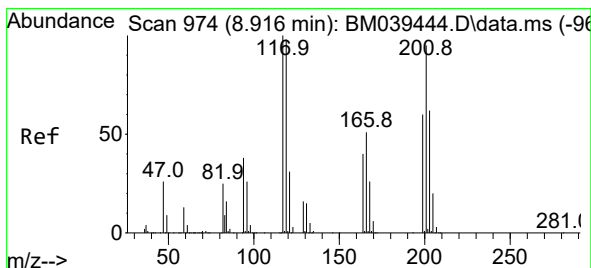
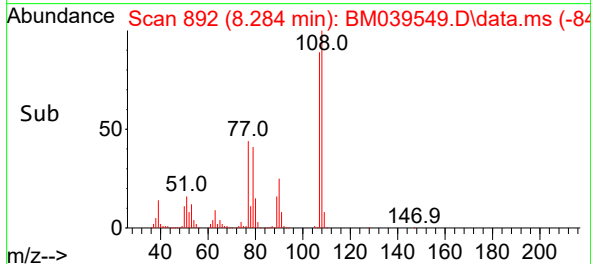
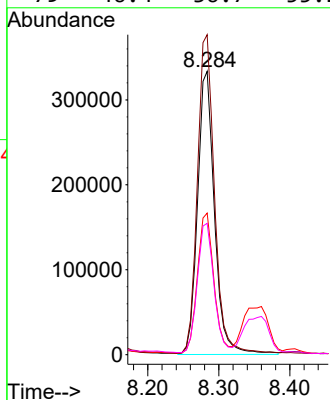
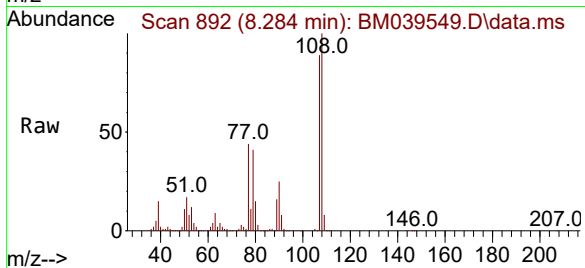




#17
2-Methylphenol
Concen: 45.379 ng
RT: 8.284 min Scan# 892
Delta R.T. -0.000 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

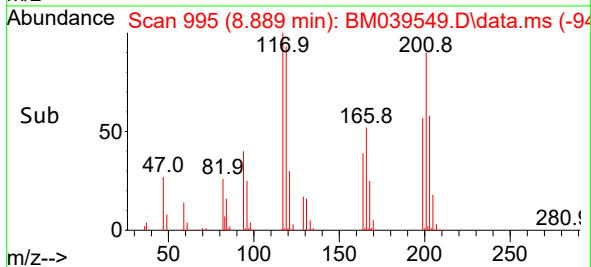
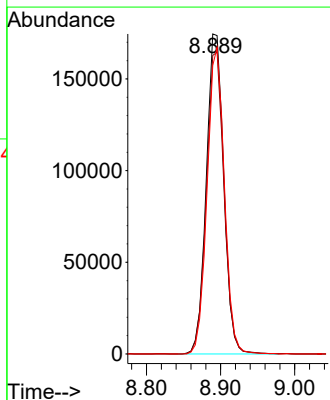
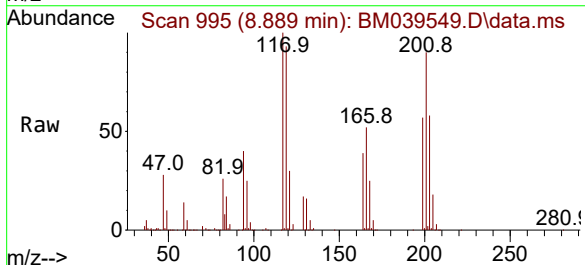
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

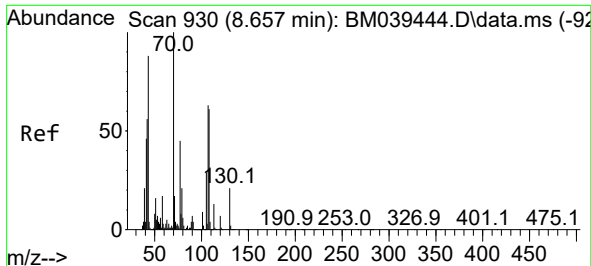
Tgt Ion:	107	Resp:	556188
Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.3	135.5
77	50.0	38.6	58.0
79	46.4	36.7	55.1



#18
Hexachloroethane
Concen: 53.004 ng
RT: 8.889 min Scan# 995
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion:	117	Resp:	287466
Ion	Ratio	Lower	Upper
117	100		
119	93.3	78.2	117.2
201	90.2	76.0	114.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.646 ng

RT: 8.636 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM039549.D

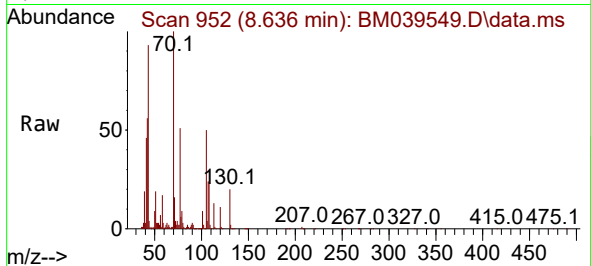
Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS



Tgt Ion: 70 Resp: 533219

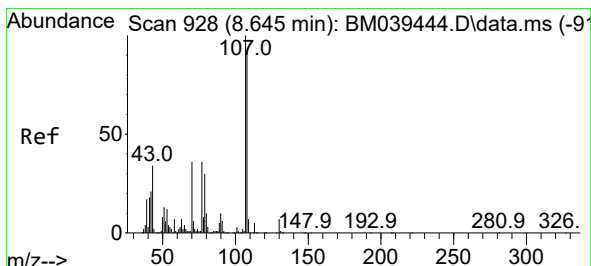
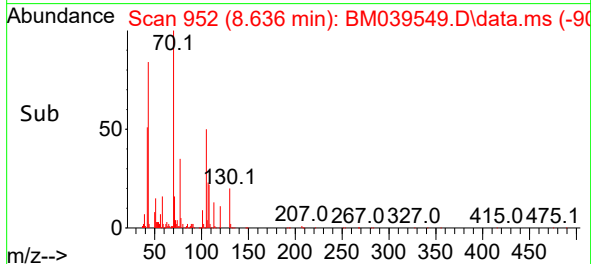
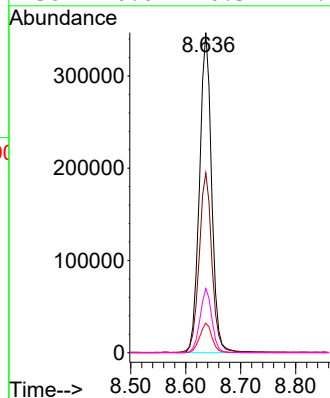
Ion Ratio Lower Upper

70 100

42 56.1 44.7 67.1

101 9.2 7.5 11.3

130 20.0 16.5 24.7



#20

3+4-Methylphenols

Concen: 43.791 ng

RT: 8.613 min Scan# 948

Delta R.T. -0.000 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Tgt Ion: 107 Resp: 737756

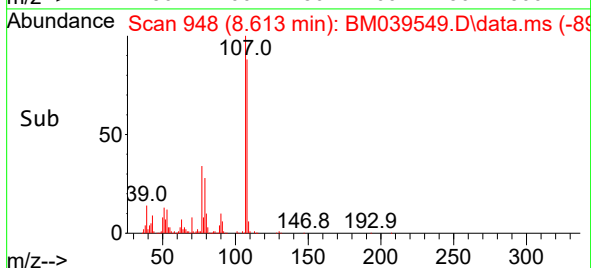
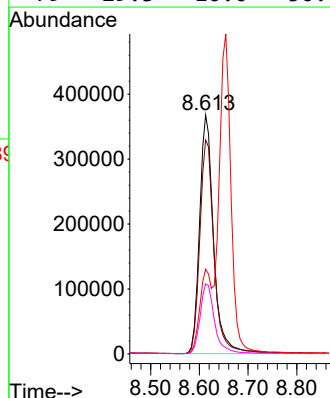
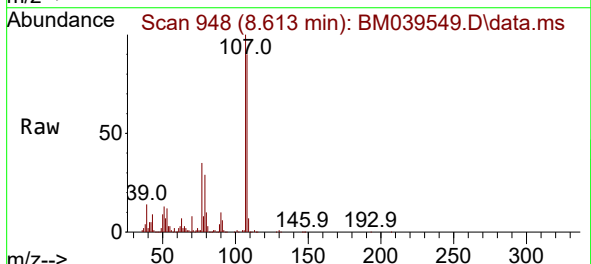
Ion Ratio Lower Upper

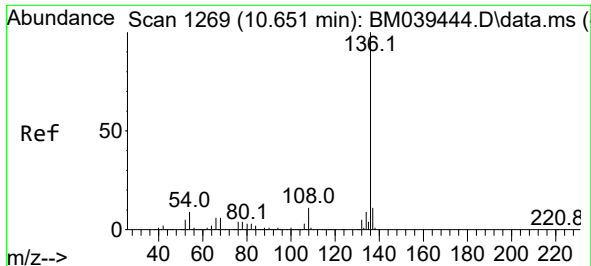
107 100

108 89.5 71.6 111.6

77 35.5 16.2 56.2

79 29.3 10.0 50.0

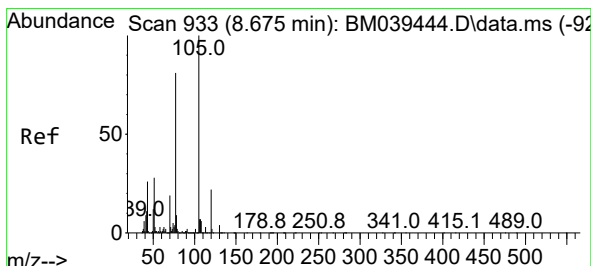
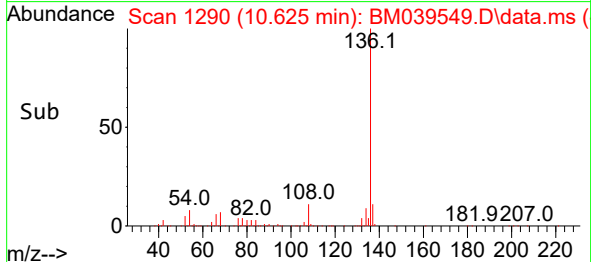
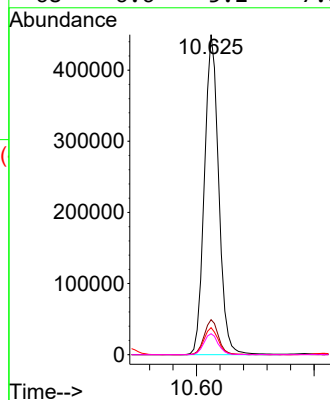
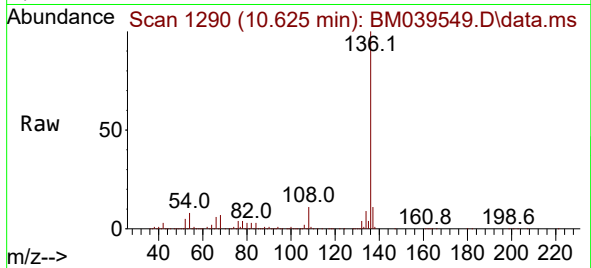




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

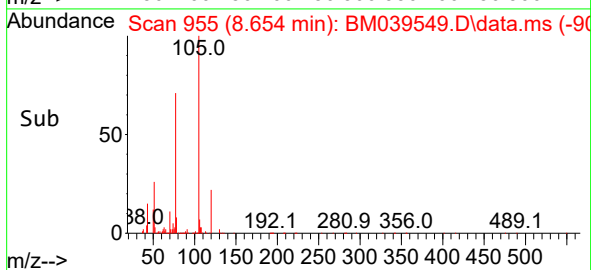
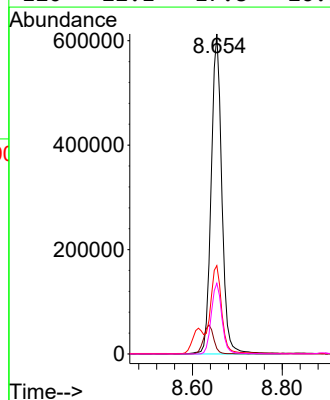
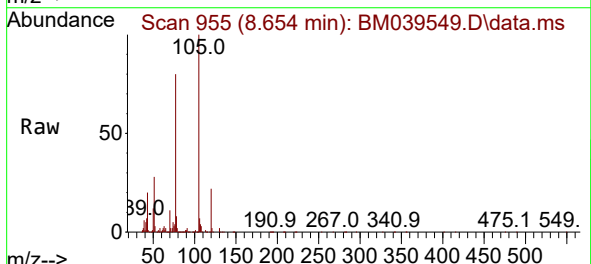
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

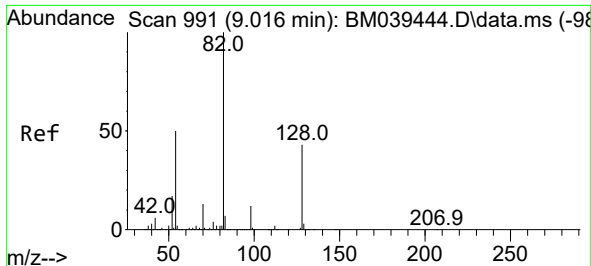
Tgt Ion:136 Resp: 759757
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 6.9 10.3
68 6.6 5.2 7.8



#22
Acetophenone
Concen: 50.117 ng
RT: 8.654 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion:105 Resp: 1008995
Ion Ratio Lower Upper
105 100
71 1.7 2.6 3.8#
51 27.6 22.3 33.5
120 22.1 17.8 26.8





#23

Nitrobenzene-d5

Concen: 55.785 ng

RT: 8.989 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

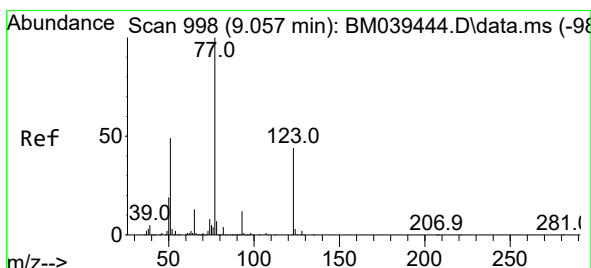
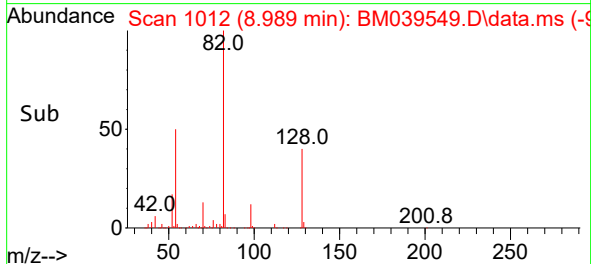
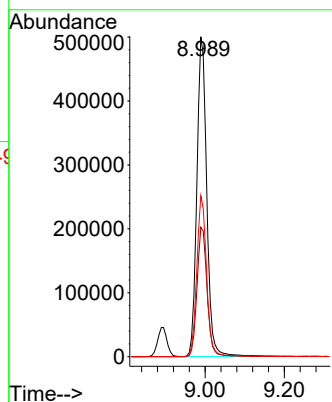
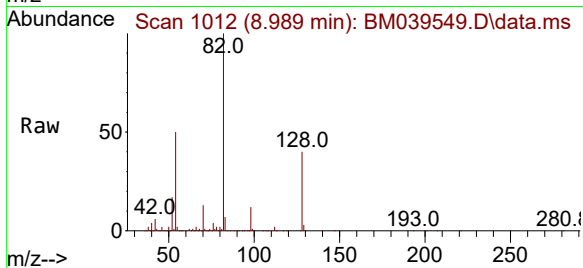
Tgt Ion: 82 Resp: 865483

Ion Ratio Lower Upper

82 100

128 40.4 34.2 51.2

54 50.3 39.7 59.5



#24

Nitrobenzene

Concen: 50.044 ng

RT: 9.036 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

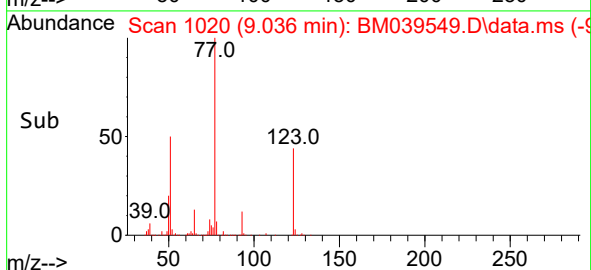
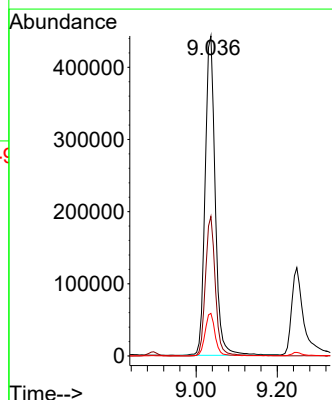
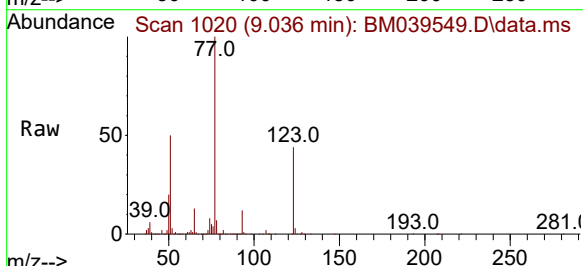
Tgt Ion: 77 Resp: 764696

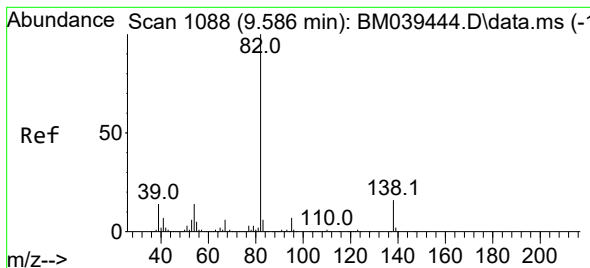
Ion Ratio Lower Upper

77 100

123 43.6 35.0 52.6

65 13.3 10.4 15.6





#25

Isophorone

Concen: 43.984 ng

RT: 9.560 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

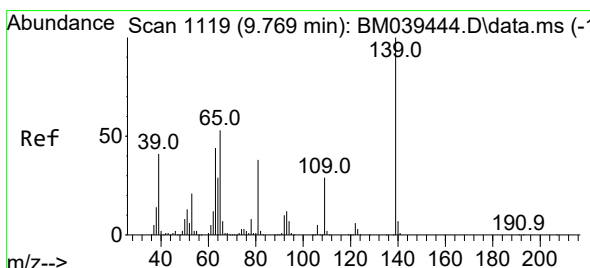
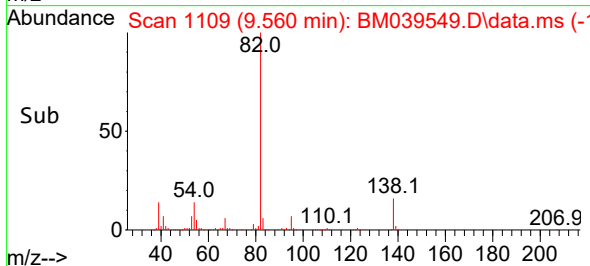
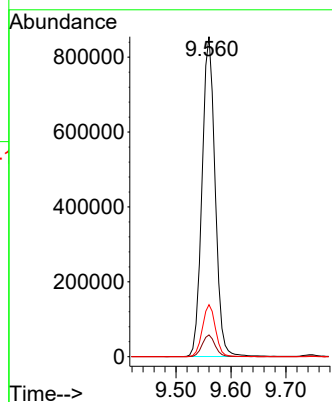
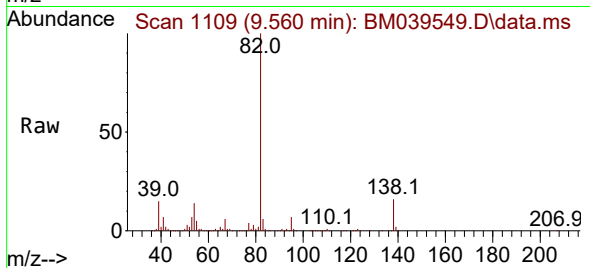
Tgt Ion: 82 Resp: 1413316

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 16.2 13.1 19.7



#26

2-Nitrophenol

Concen: 51.112 ng

RT: 9.742 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

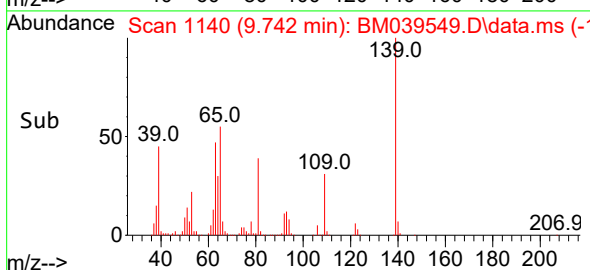
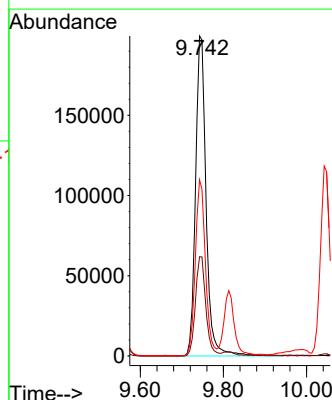
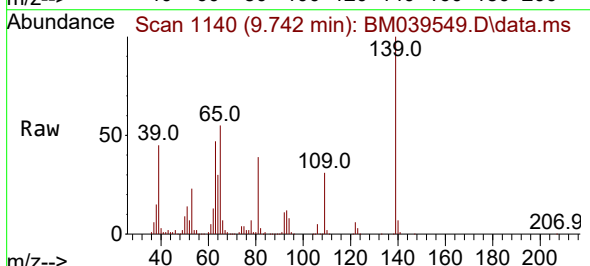
Tgt Ion: 139 Resp: 352446

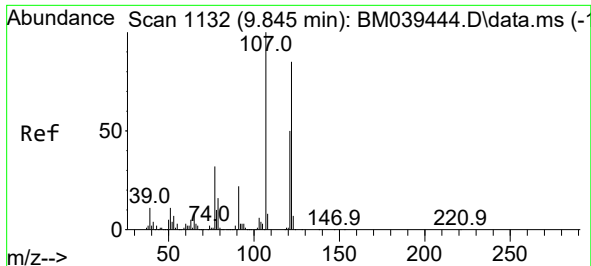
Ion Ratio Lower Upper

139 100

109 31.0 23.0 34.6

65 55.1 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 48.181 ng

RT: 9.813 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

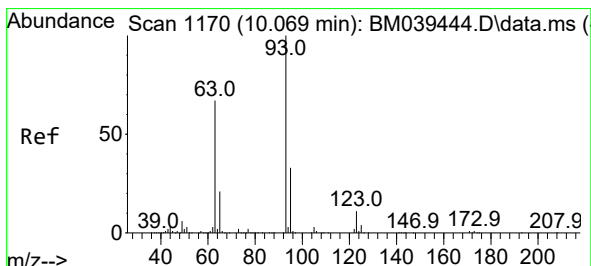
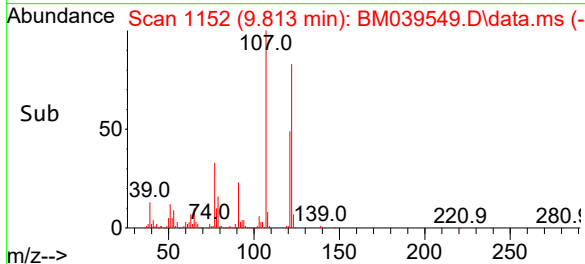
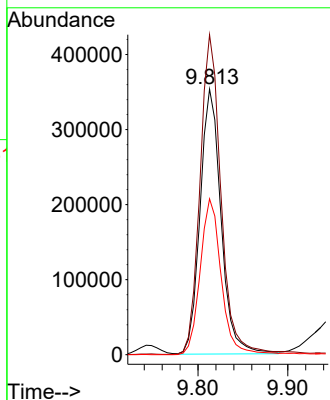
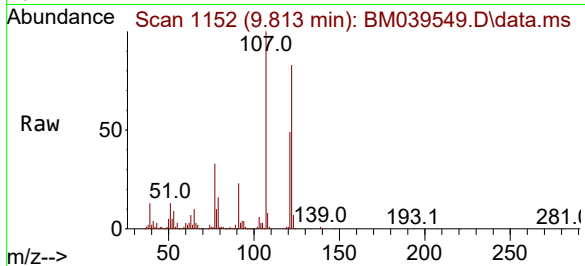
Tgt Ion:122 Resp: 574151

Ion Ratio Lower Upper

122 100

107 120.5 94.3 141.5

121 58.7 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 47.568 ng

RT: 10.042 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

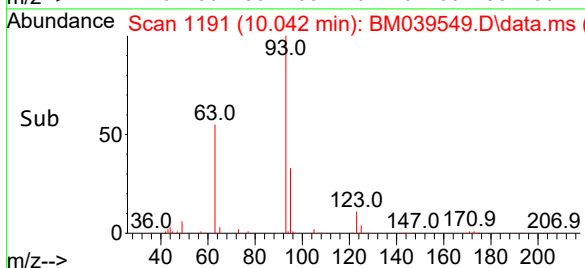
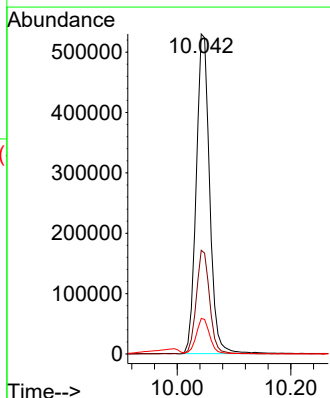
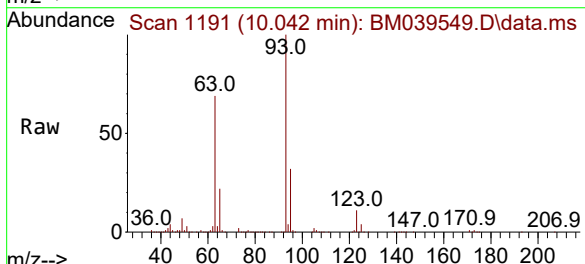
Tgt Ion: 93 Resp: 868834

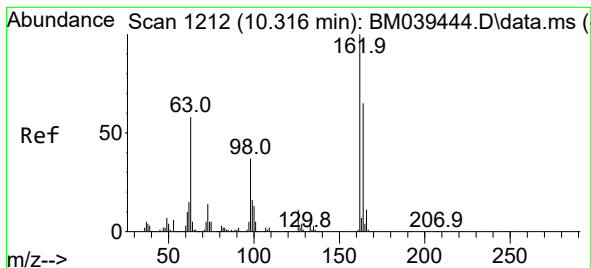
Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

123 11.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 51.058 ng

RT: 10.289 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

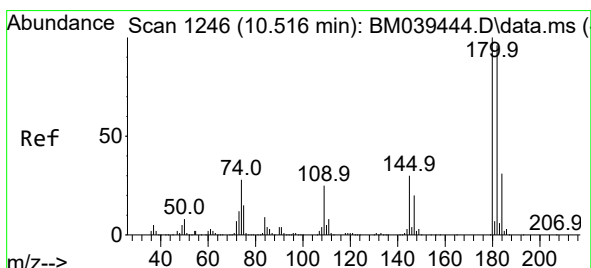
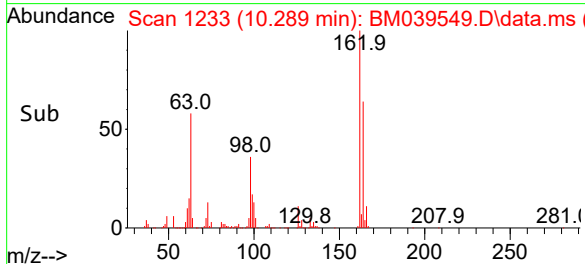
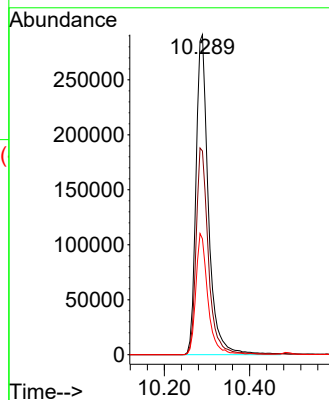
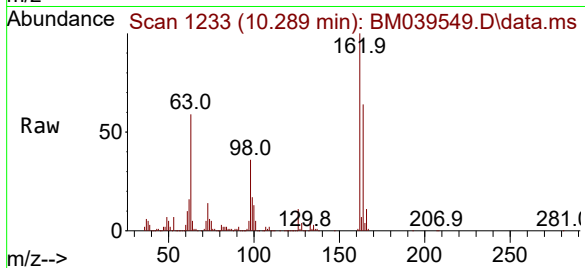
Tgt Ion:162 Resp: 589121

Ion Ratio Lower Upper

162 100

164 63.6 44.7 84.7

98 36.2 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 51.951 ng

RT: 10.489 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

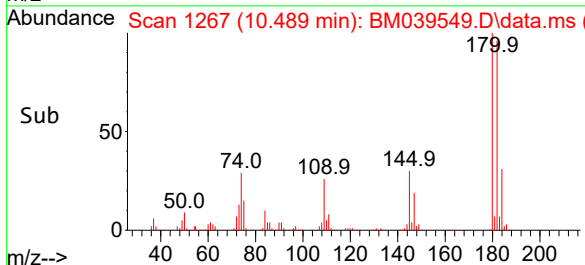
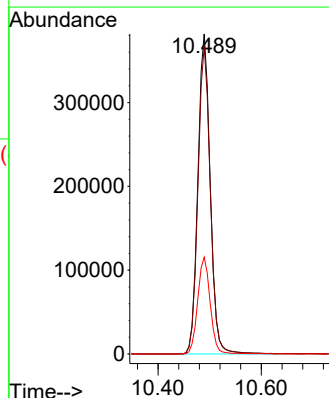
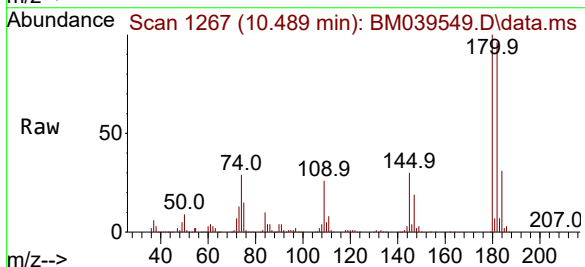
Tgt Ion:180 Resp: 634456

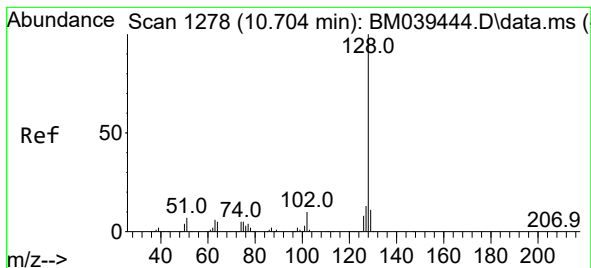
Ion Ratio Lower Upper

180 100

182 96.2 76.5 114.7

145 30.2 24.2 36.4





#31

Naphthalene

Concen: 48.481 ng

RT: 10.678 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

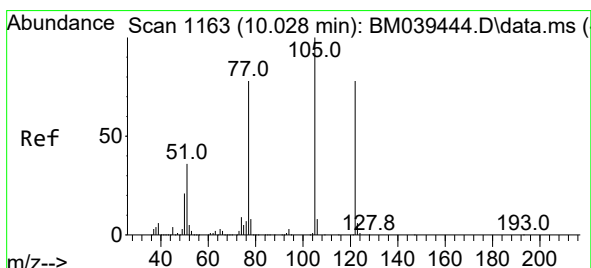
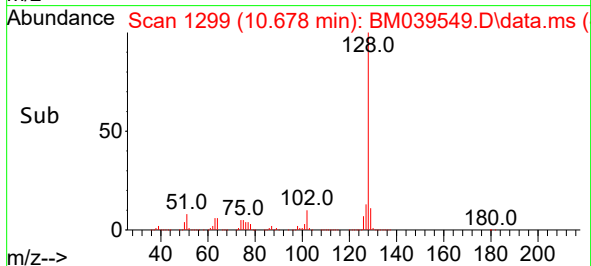
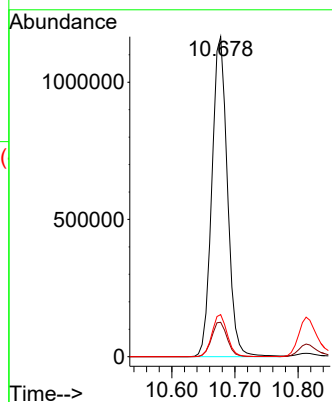
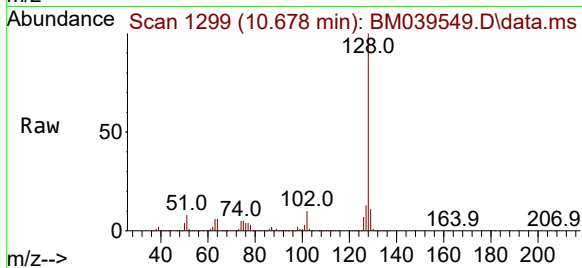
Tgt Ion:128 Resp: 1990242

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 13.1 10.3 15.5



#32

Benzoic acid

Concen: 42.332 ng

RT: 9.995 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

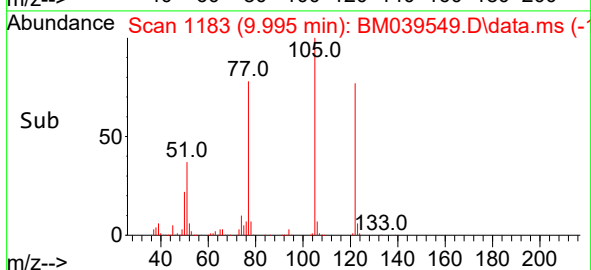
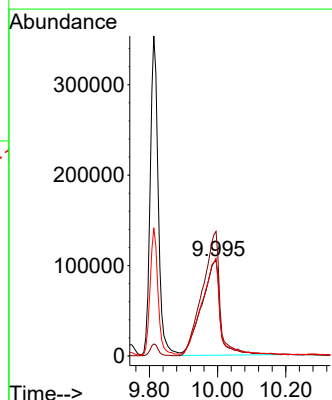
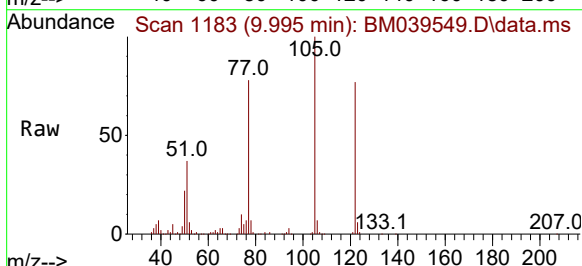
Tgt Ion:122 Resp: 399492

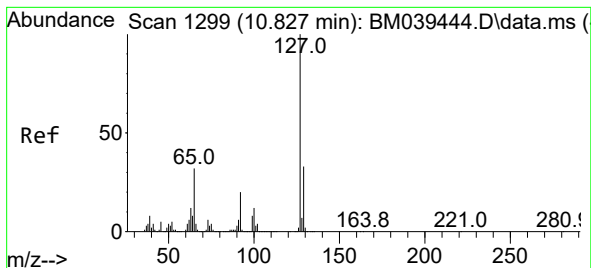
Ion Ratio Lower Upper

122 100

105 130.4 105.9 145.9

77 102.2 78.8 118.8





#33

4-Chloroaniline

Concen: 19.109 ng

RT: 10.813 min Scan# 11

Delta R.T. 0.012 min

Lab File: BM039549.D

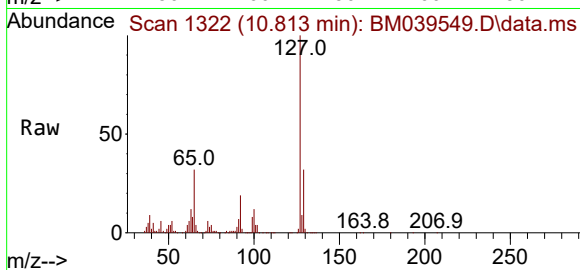
Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS



Tgt Ion:127 Resp: 331406

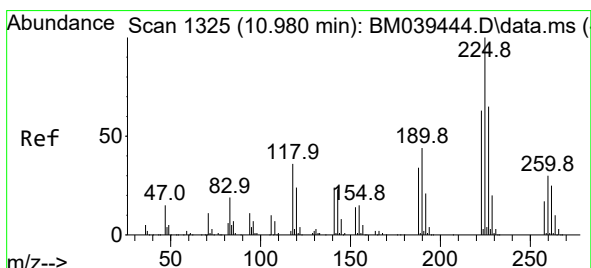
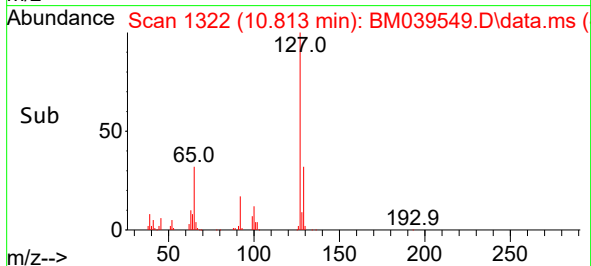
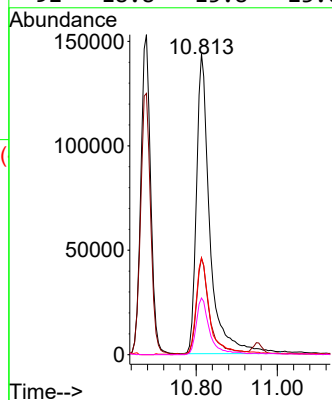
Ion Ratio Lower Upper

127 100

129 32.1 26.1 39.1

65 32.2 25.7 38.5

92 18.8 15.8 23.6



#34

Hexachlorobutadiene

Concen: 52.072 ng

RT: 10.954 min Scan# 1346

Delta R.T. -0.000 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

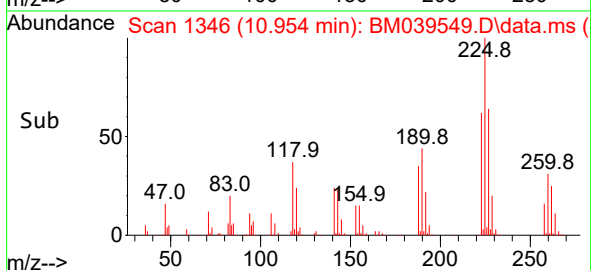
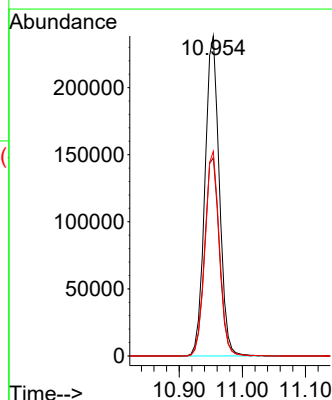
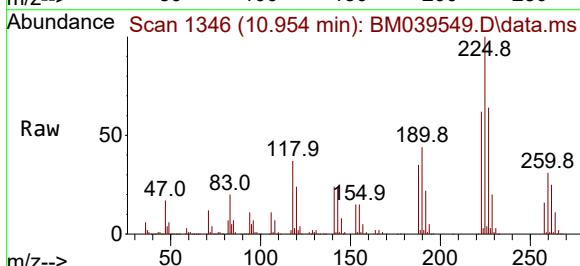
Tgt Ion:225 Resp: 377658

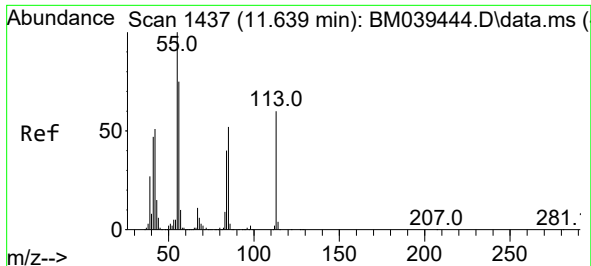
Ion Ratio Lower Upper

225 100

223 61.9 50.1 75.1

227 63.9 51.7 77.5

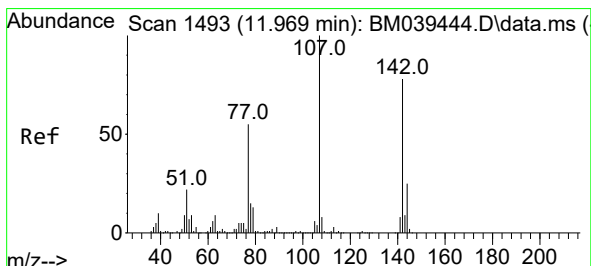
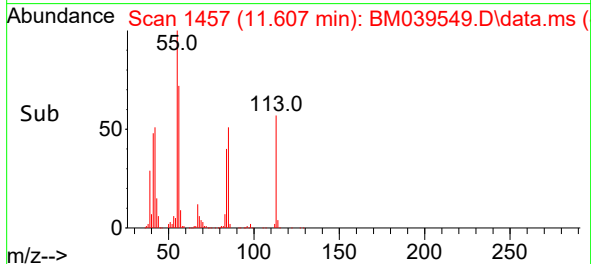
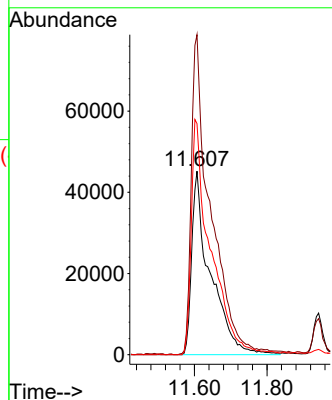
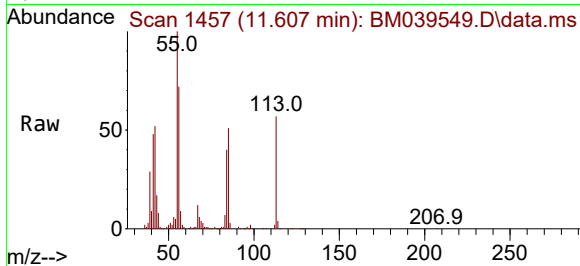




#35
Caprolactam
Concen: 34.843 ng
RT: 11.607 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

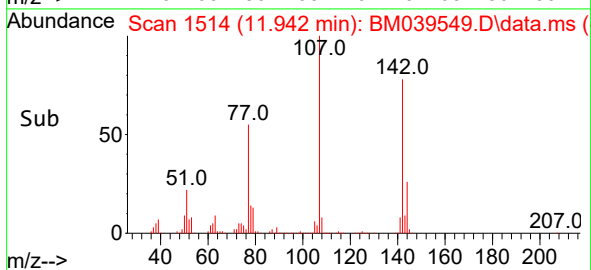
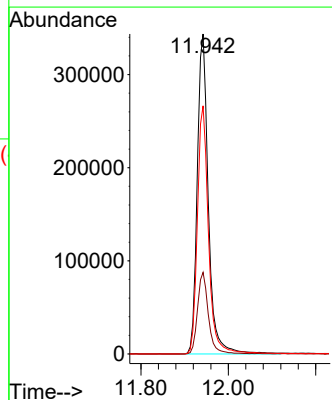
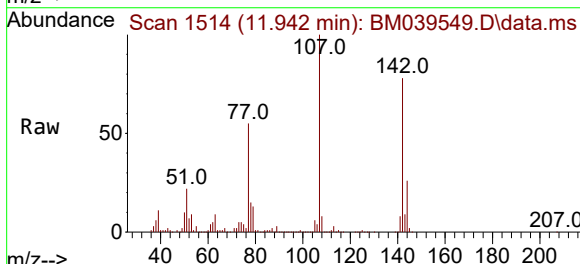
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

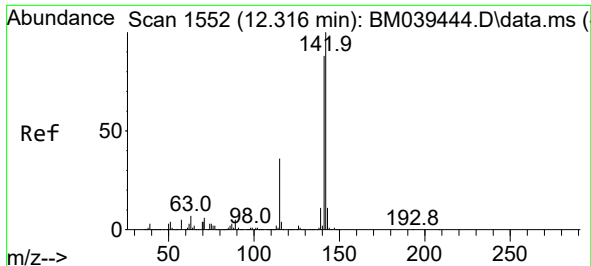
Tgt Ion:113 Resp: 160338
Ion Ratio Lower Upper
113 100
55 174.3 147.8 187.8
56 125.9 105.6 145.6



#36
4-Chloro-3-methylphenol
Concen: 43.267 ng
RT: 11.942 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion:107 Resp: 607658
Ion Ratio Lower Upper
107 100
144 25.5 19.7 29.5
142 77.6 62.2 93.2





#37

2-Methylnaphthalene

Concen: 43.741 ng

RT: 12.289 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

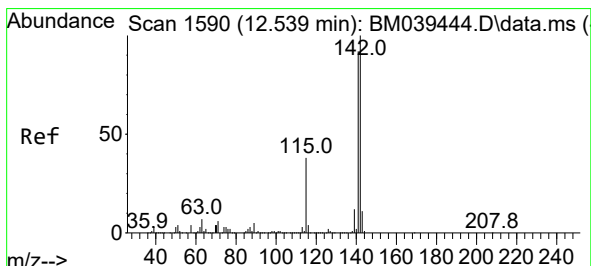
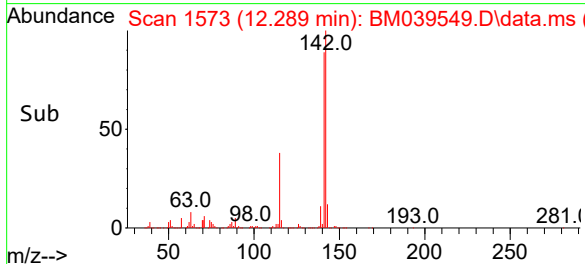
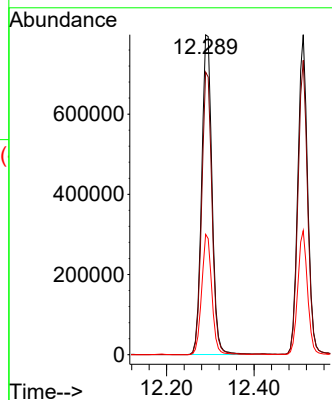
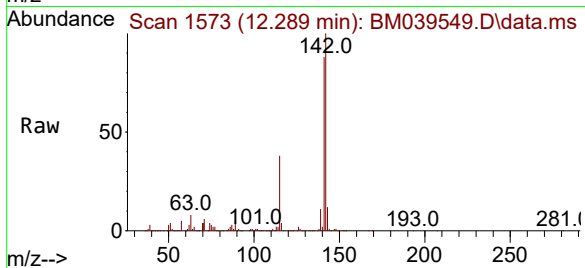
Tgt Ion:142 Resp: 1319634

Ion Ratio Lower Upper

142 100

141 88.3 70.4 105.6

115 37.6 28.8 43.2



#38

1-Methylnaphthalene

Concen: 43.393 ng

RT: 12.513 min Scan# 1611

Delta R.T. -0.000 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

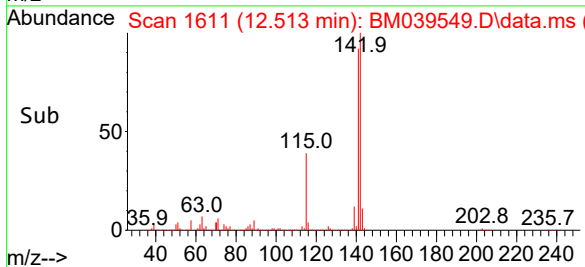
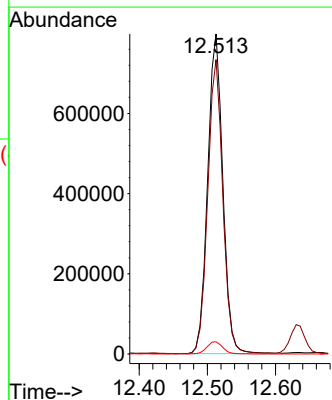
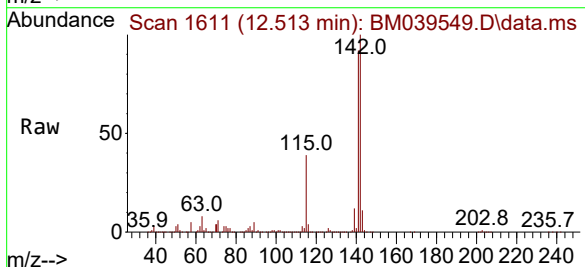
Tgt Ion:142 Resp: 1233637

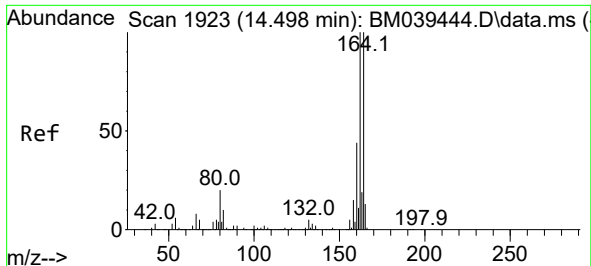
Ion Ratio Lower Upper

142 100

141 92.0 73.3 109.9

116 3.8 3.1 4.7

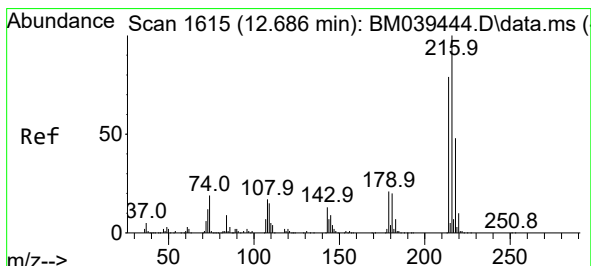
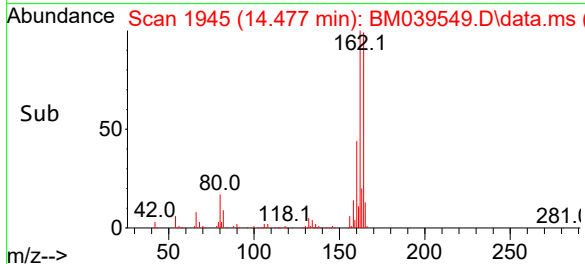
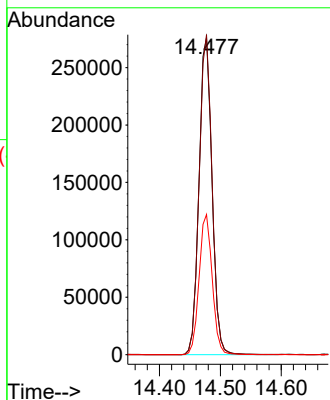
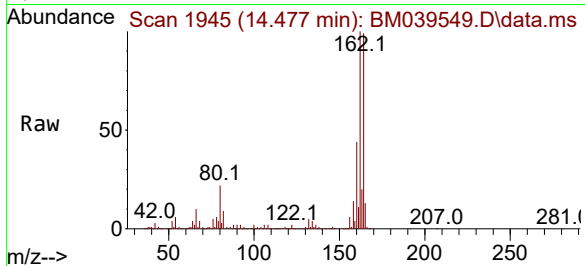




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.477 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

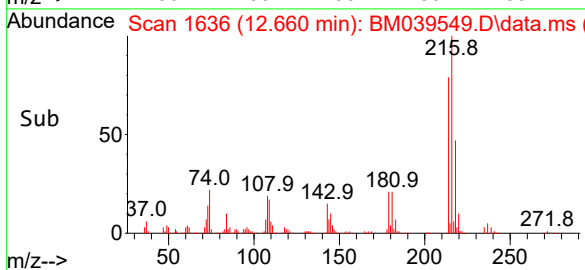
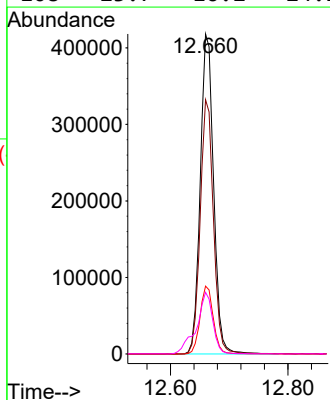
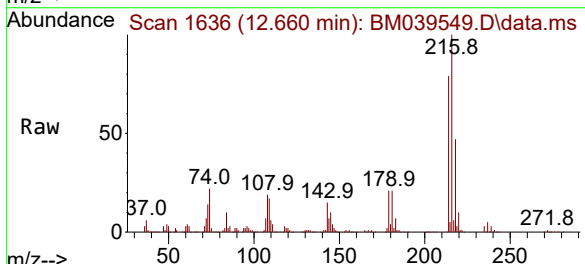
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

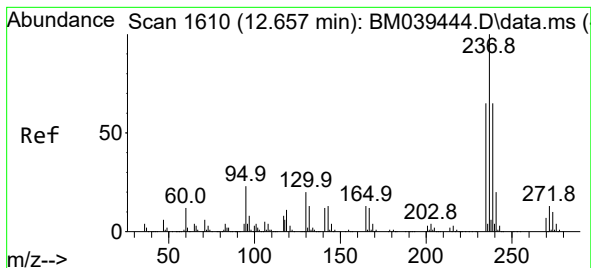
Tgt Ion:164 Resp: 409927
Ion Ratio Lower Upper
164 100
162 100.9 79.8 119.8
160 44.2 35.0 52.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.001 ng
RT: 12.660 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion:216 Resp: 657619
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.6
179 21.1 16.8 25.2
108 23.7 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 126.480 ng

RT: 12.636 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

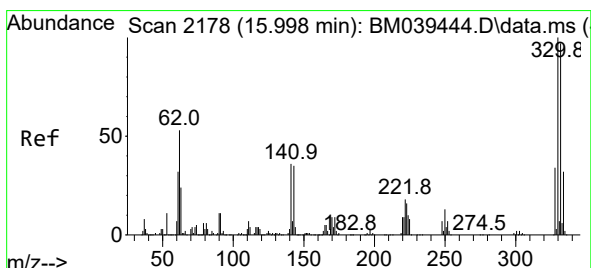
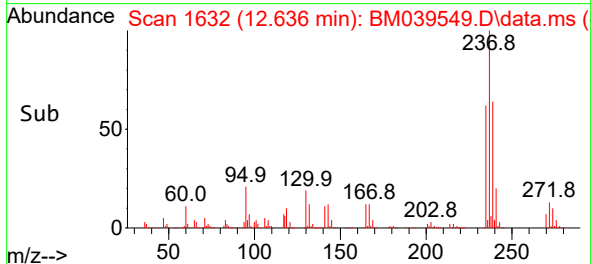
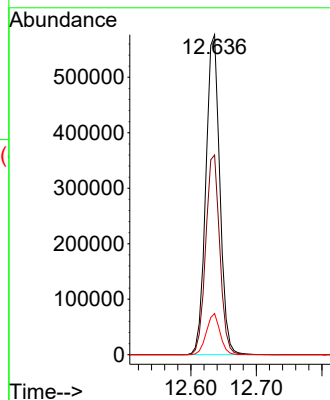
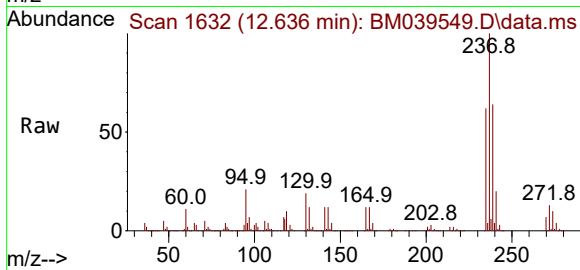
Tgt Ion:237 Resp: 855068

Ion Ratio Lower Upper

237 100

235 62.4 44.7 84.7

272 12.9 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 64.649 ng

RT: 15.971 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

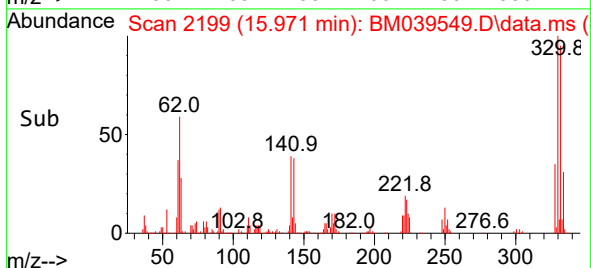
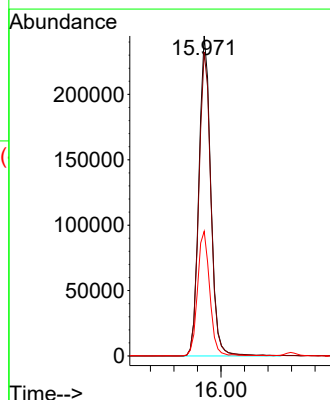
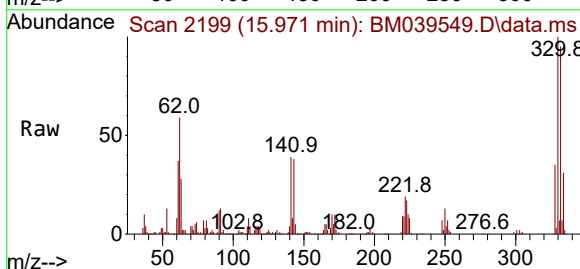
Tgt Ion:330 Resp: 343896

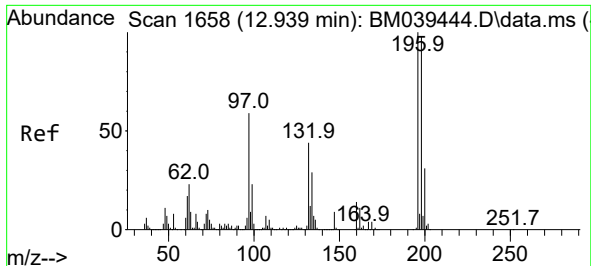
Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

141 39.9 31.0 46.6

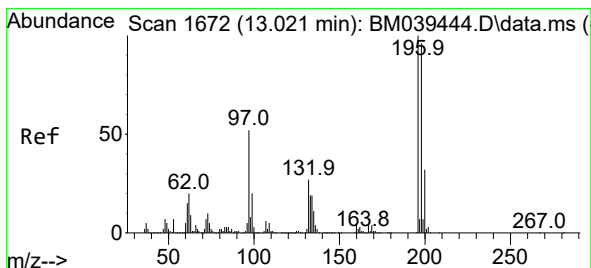
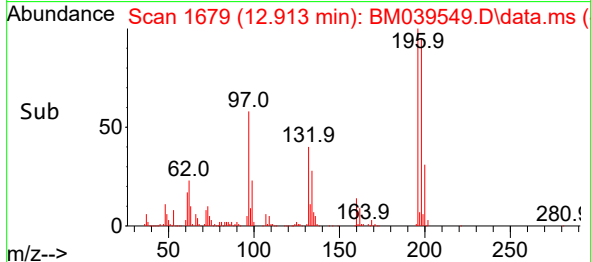
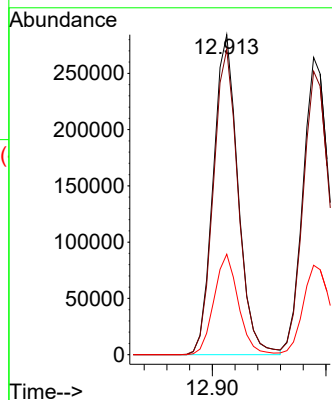
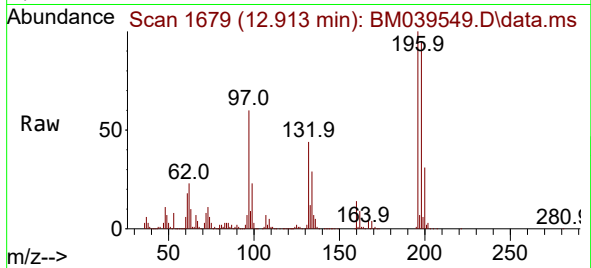




#43
2,4,6-Trichlorophenol
Concen: 52.328 ng
RT: 12.913 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

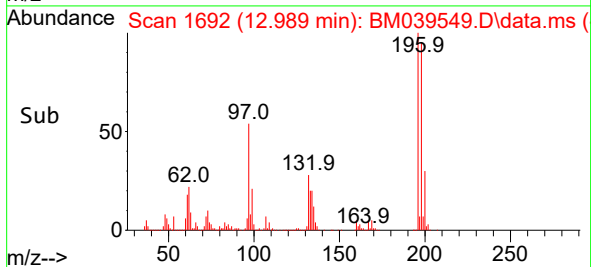
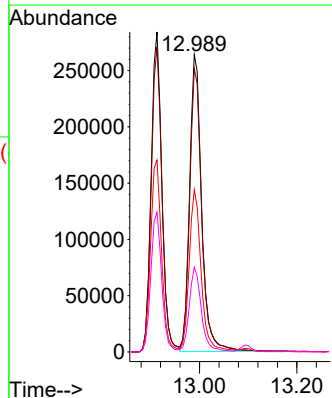
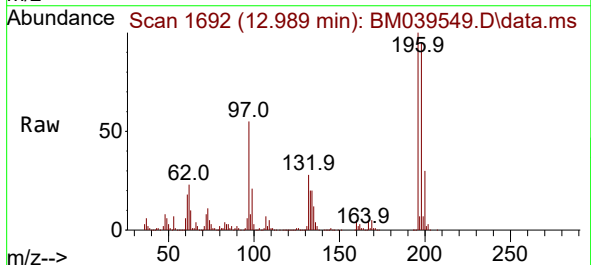
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

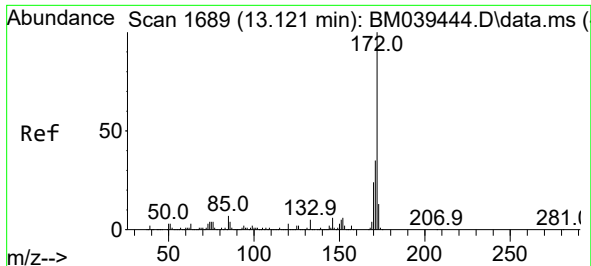
Tgt Ion:196 Resp: 431030
Ion Ratio Lower Upper
196 100
198 95.4 78.1 117.1
200 31.4 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 46.768 ng
RT: 12.989 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion:196 Resp: 455275
Ion Ratio Lower Upper
196 100
198 95.3 76.8 115.2
97 54.6 41.9 62.9
132 28.5 22.1 33.1

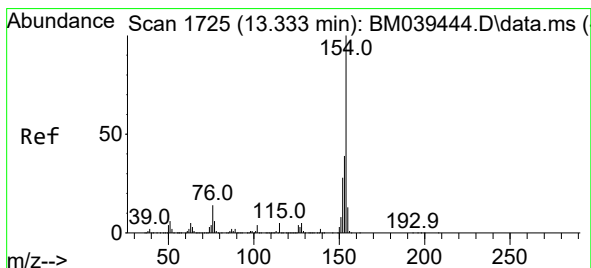
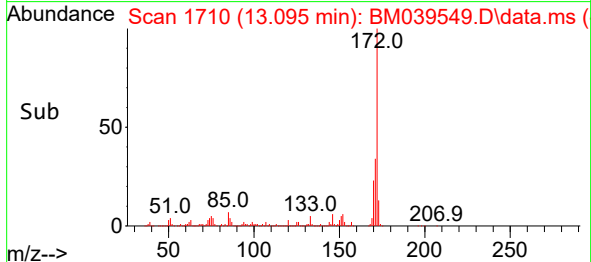
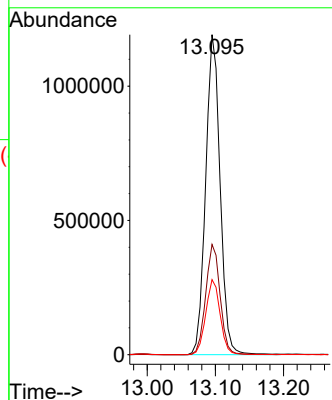
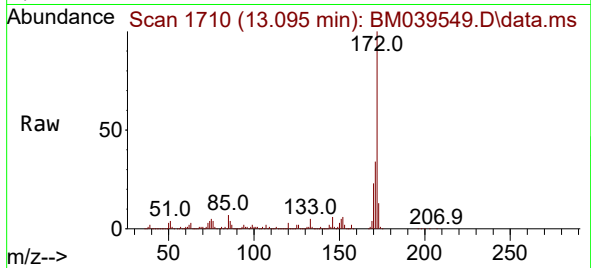




#45
2-Fluorobiphenyl
Concen: 59.348 ng
RT: 13.095 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

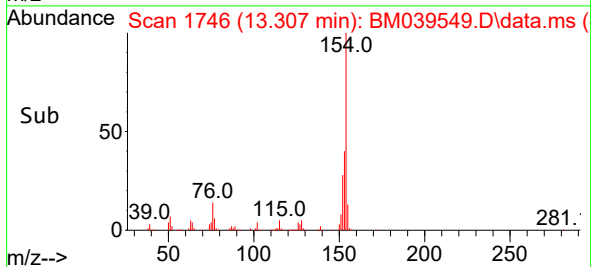
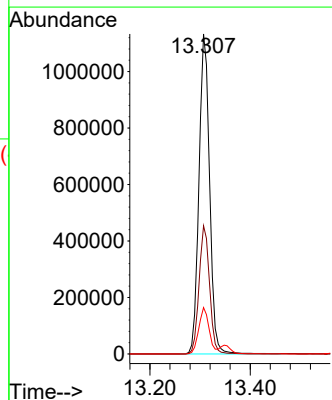
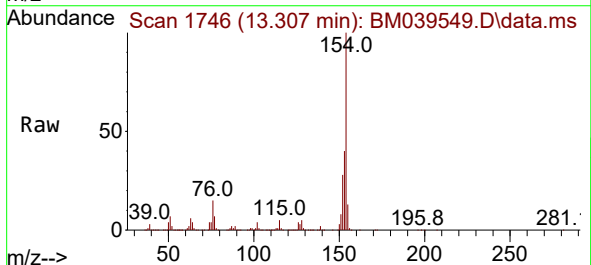
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

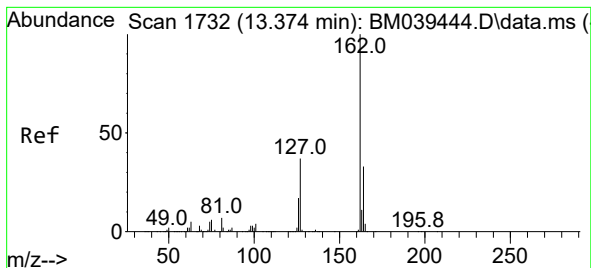
Tgt Ion:172 Resp: 1758298
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 52.614 ng
RT: 13.307 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion:154 Resp: 1661594
Ion Ratio Lower Upper
154 100
153 40.0 19.5 59.5
76 14.5 0.0 34.1





#47

2-Chloronaphthalene

Concen: 53.669 ng

RT: 13.348 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

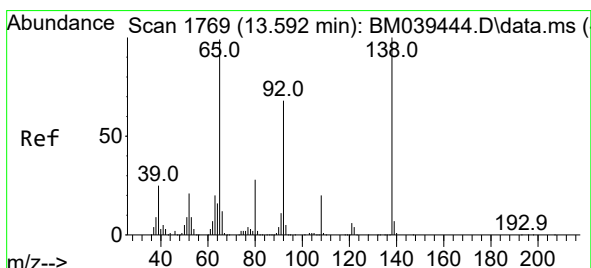
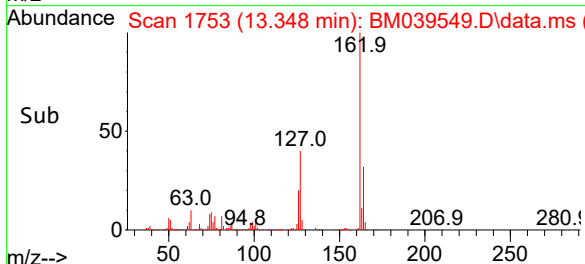
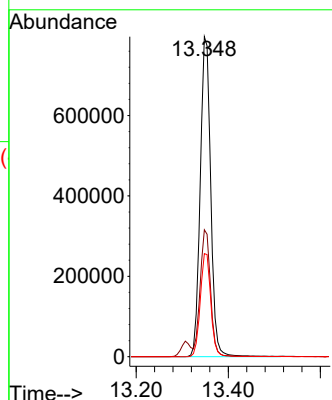
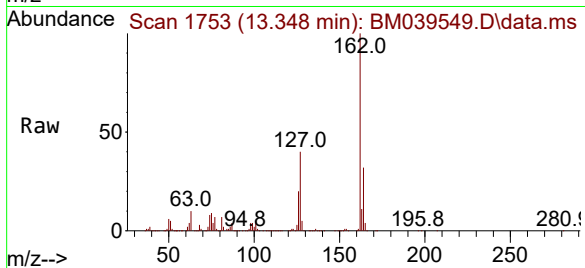
Tgt Ion:162 Resp: 1259983

Ion Ratio Lower Upper

162 100

127 39.7 31.9 47.9

164 32.2 26.1 39.1



#48

2-Nitroaniline

Concen: 45.594 ng

RT: 13.571 min Scan# 1791

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

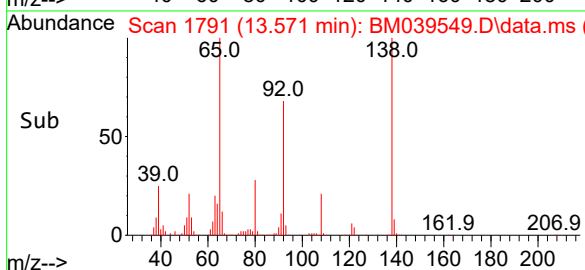
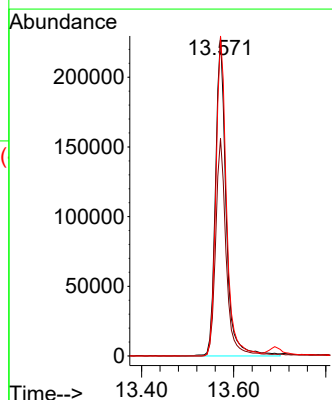
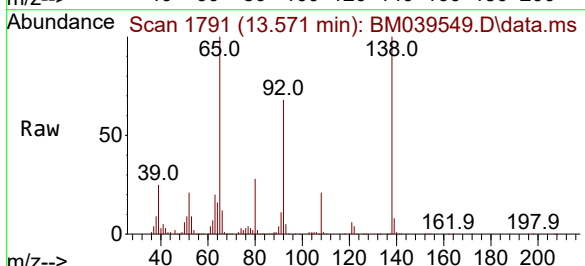
Tgt Ion: 65 Resp: 366022

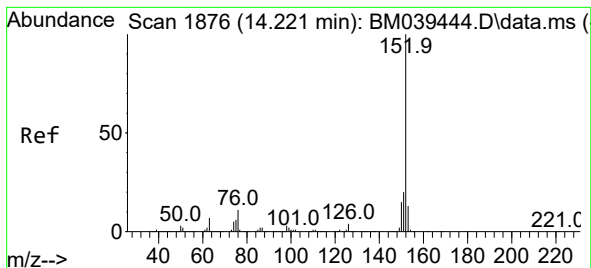
Ion Ratio Lower Upper

65 100

92 68.1 54.7 82.1

138 100.3 80.8 121.2





#49

Acenaphthylene

Concen: 48.051 ng

RT: 14.195 min Scan# 1897

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

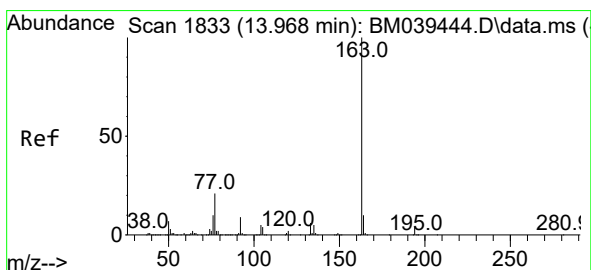
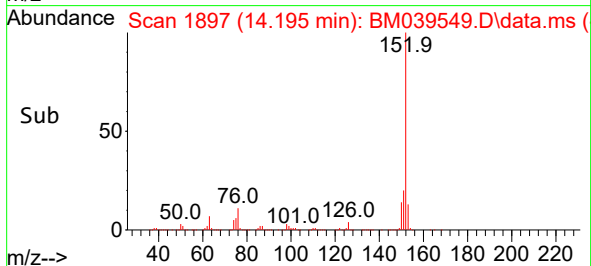
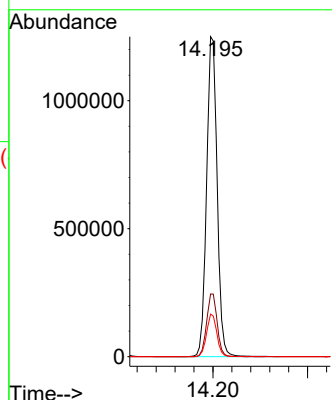
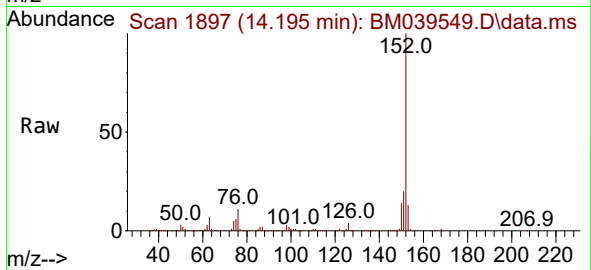
Tgt Ion:152 Resp: 1929616

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 44.137 ng

RT: 13.942 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

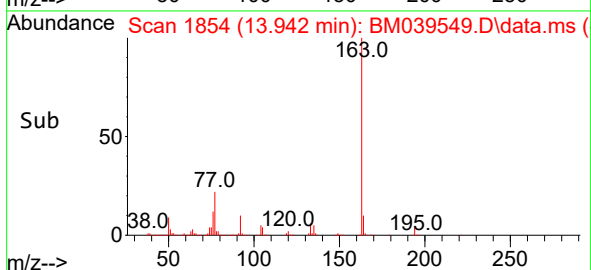
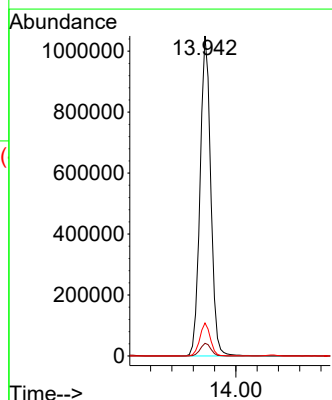
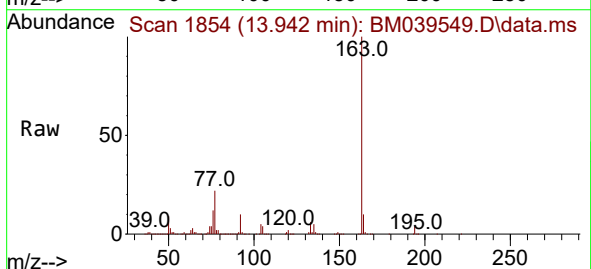
Tgt Ion:163 Resp: 1464587

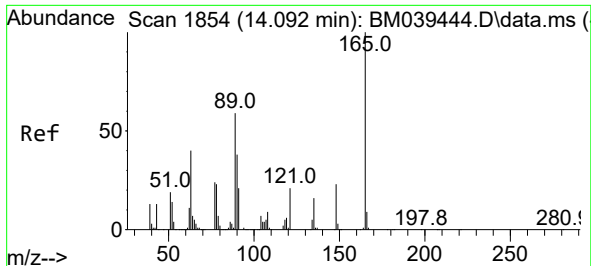
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 44.050 ng

RT: 14.066 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

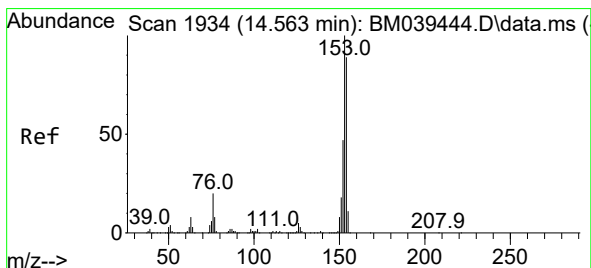
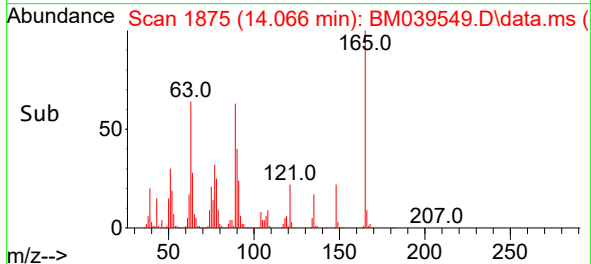
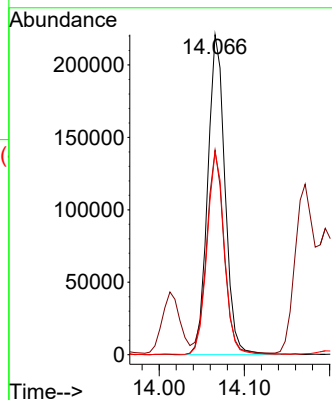
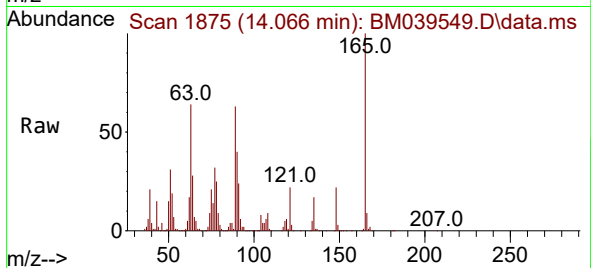
Tgt Ion:165 Resp: 310761

Ion Ratio Lower Upper

165 100

63 63.8 46.6 69.8

89 63.4 47.4 71.0



#52

Acenaphthene

Concen: 48.695 ng

RT: 14.542 min Scan# 1956

Delta R.T. -0.000 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

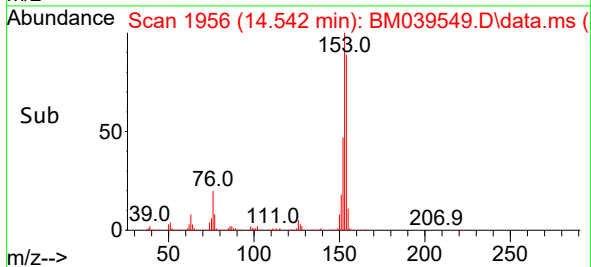
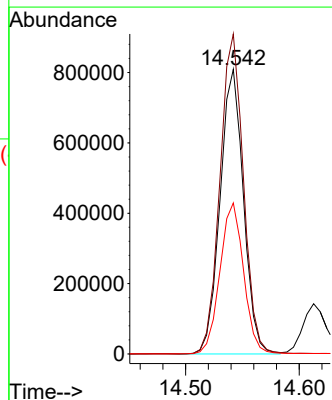
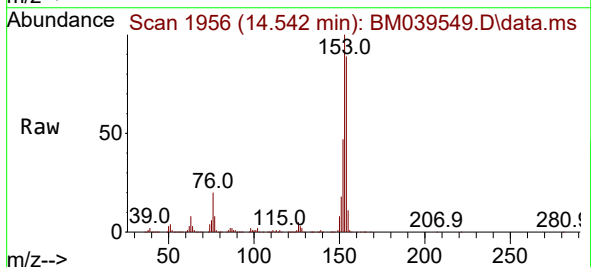
Tgt Ion:154 Resp: 1157812

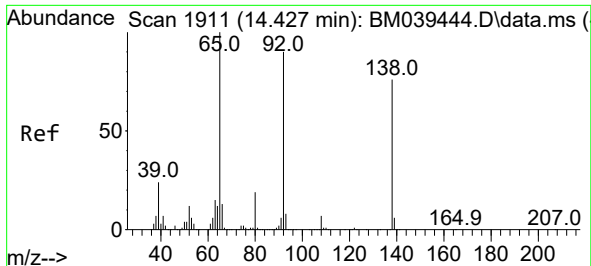
Ion Ratio Lower Upper

154 100

153 112.4 89.8 134.8

152 53.1 42.7 64.1

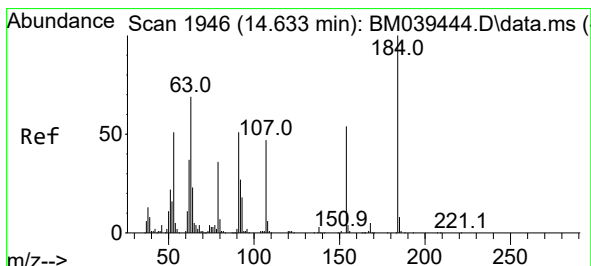
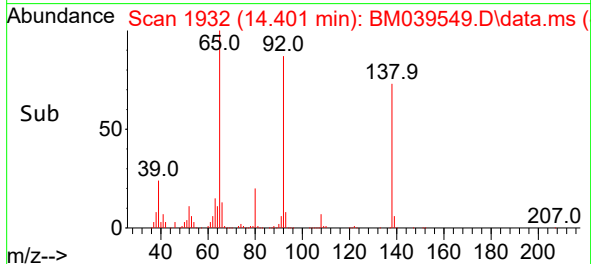
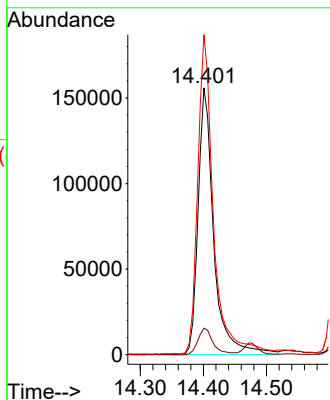
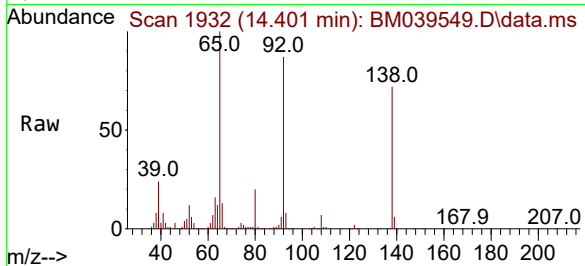




#53
3-Nitroaniline
Concen: 37.423 ng
RT: 14.401 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

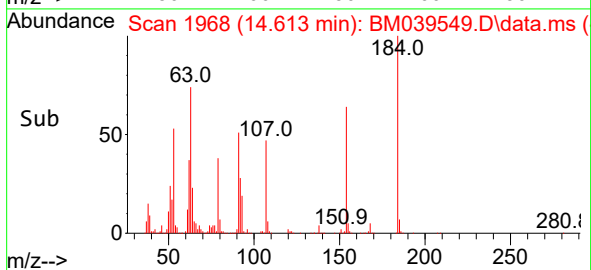
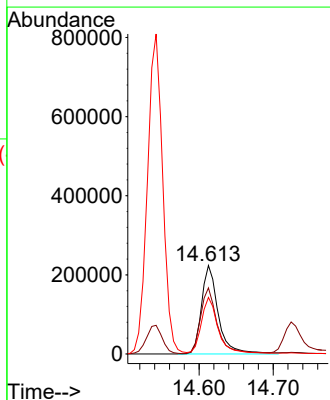
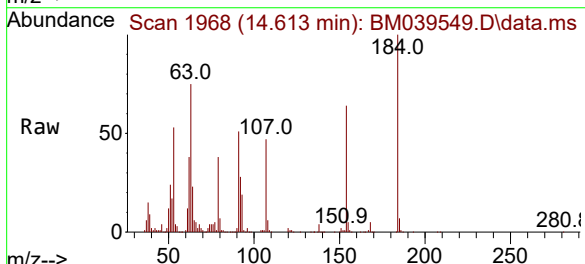
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

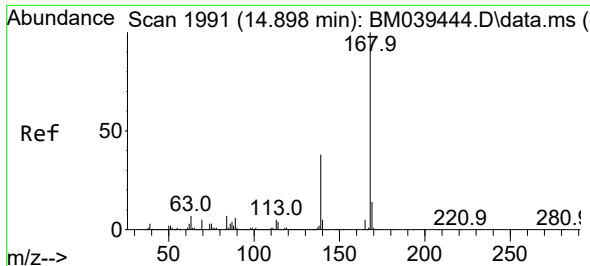
Tgt Ion:138 Resp: 269399
Ion Ratio Lower Upper
138 100
108 10.0 7.8 11.8
92 119.9 95.4 143.2



#54
2,4-Dinitrophenol
Concen: 79.567 ng
RT: 14.613 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion:184 Resp: 351799
Ion Ratio Lower Upper
184 100
63 74.7 56.4 84.6
154 63.8 49.1 73.7

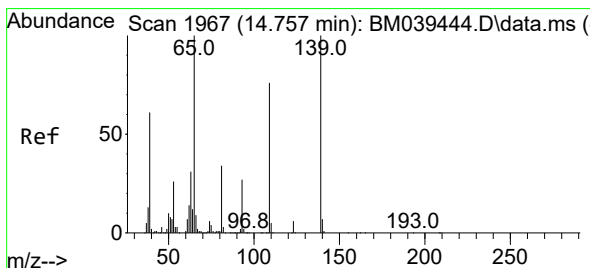
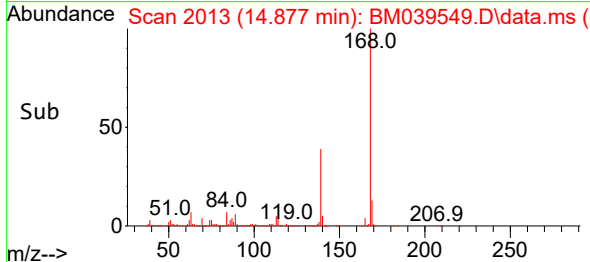
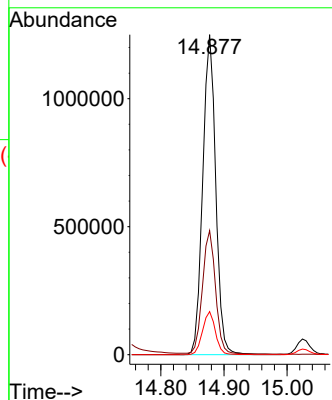
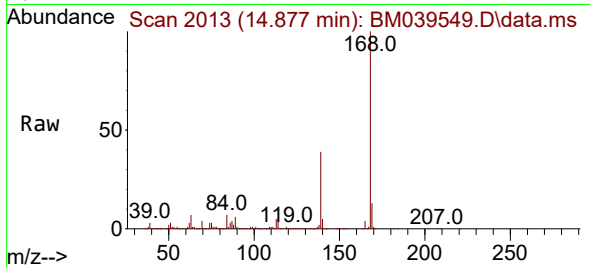




#55
Dibenzofuran
Concen: 46.788 ng
RT: 14.877 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

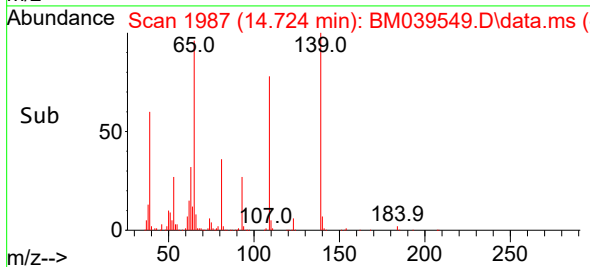
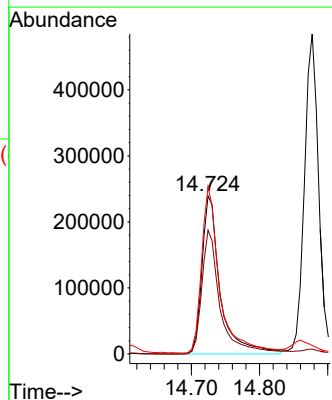
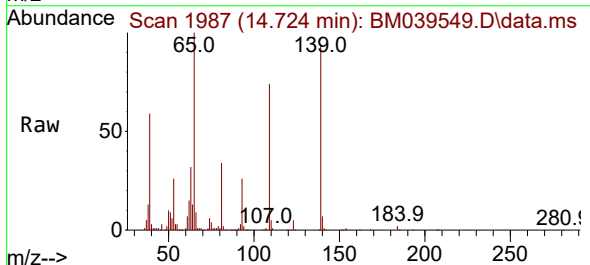
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

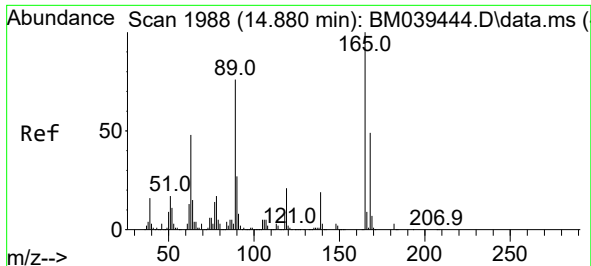
Tgt Ion:168 Resp: 1787627
Ion Ratio Lower Upper
168 100
139 38.8 30.8 46.2
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 76.916 ng
RT: 14.724 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion:139 Resp: 449104
Ion Ratio Lower Upper
139 100
109 78.2 56.5 96.5
65 105.8 81.3 121.3

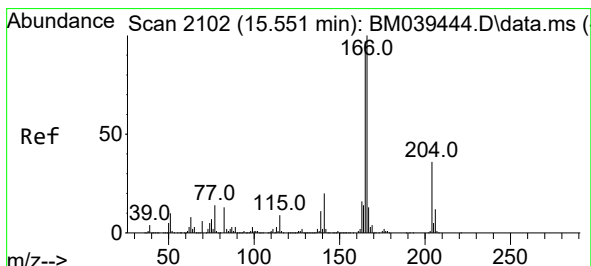
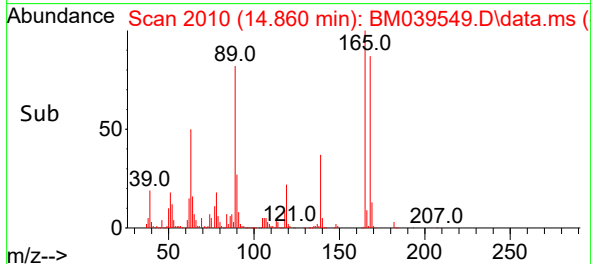
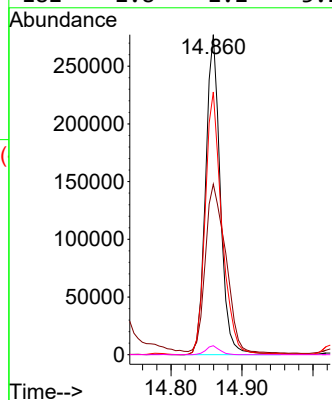
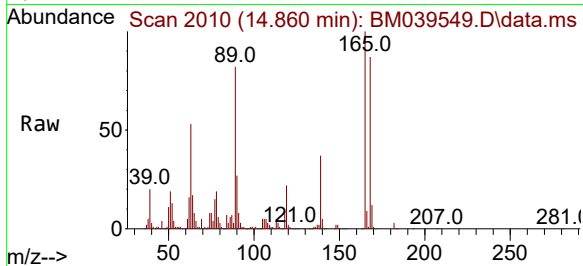




#57
2,4-Dinitrotoluene
Concen: 41.383 ng
RT: 14.860 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

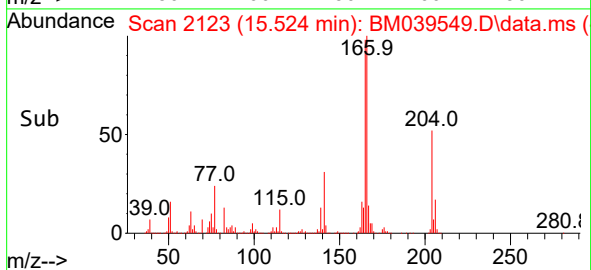
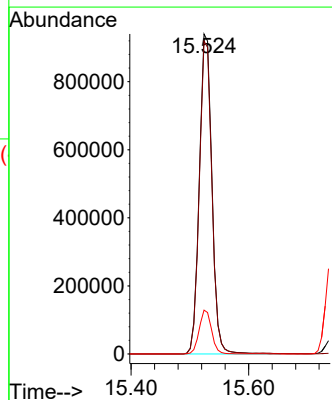
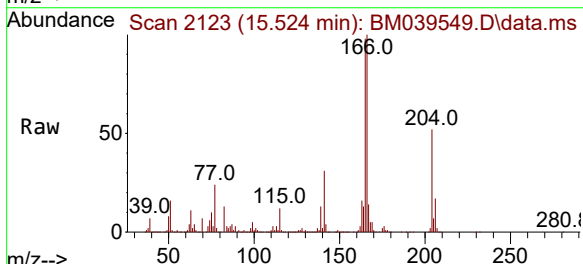
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

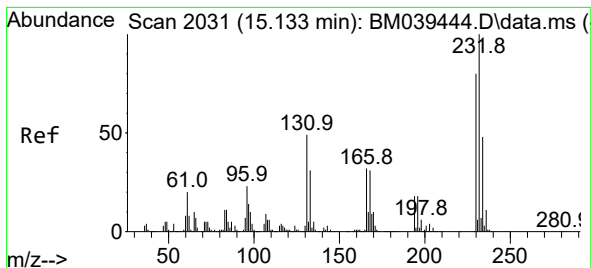
Tgt Ion:165 Resp: 399045
Ion Ratio Lower Upper
165 100
63 53.3 39.0 58.6
89 82.1 61.0 91.4
182 2.8 2.2 3.2



#58
Fluorene
Concen: 45.108 ng
RT: 15.524 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion:166 Resp: 1397806
Ion Ratio Lower Upper
166 100
165 97.8 77.4 116.0
167 13.7 10.6 15.8

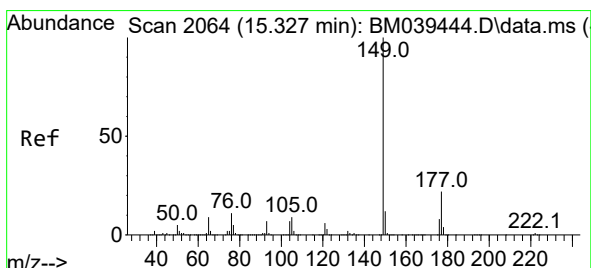
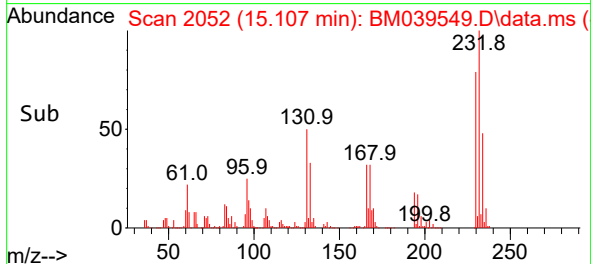
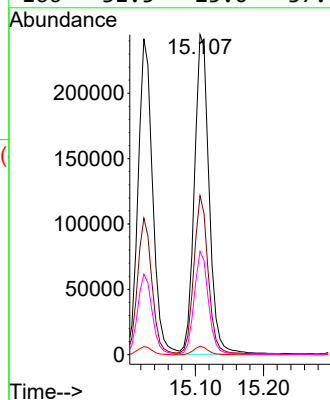
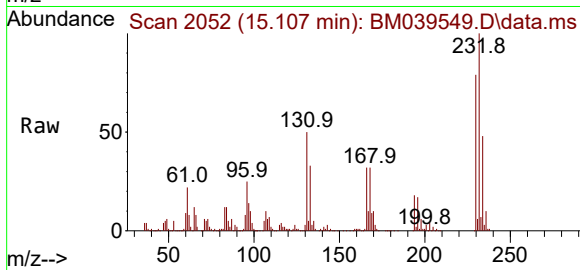




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.471 ng
RT: 15.107 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

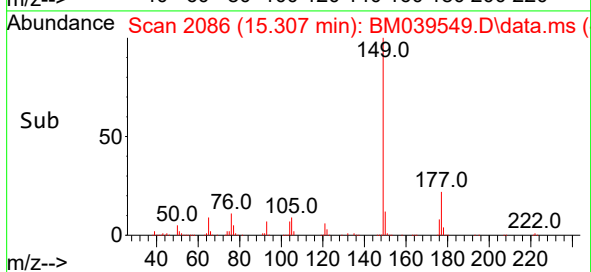
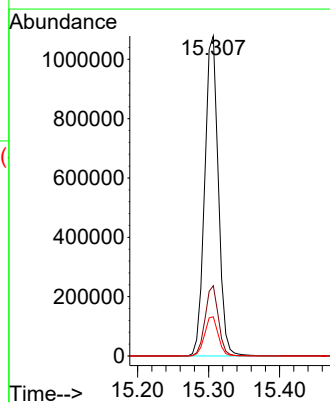
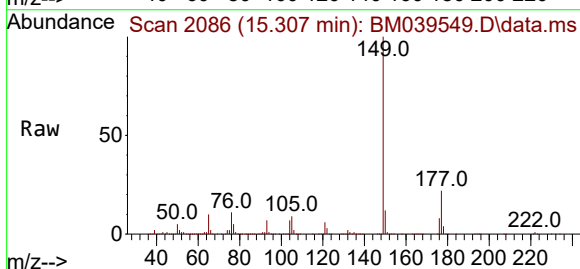
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

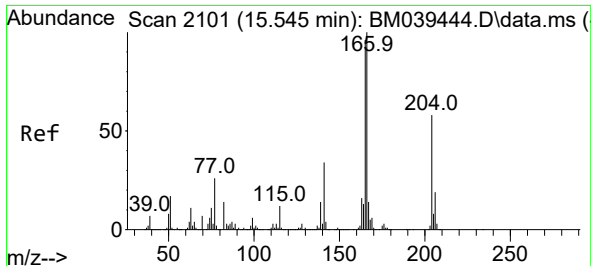
Tgt Ion:232 Resp: 364578
Ion Ratio Lower Upper
232 100
131 48.4 39.5 59.3
130 2.6 2.1 3.1
166 31.5 25.0 37.6



#60
Diethylphthalate
Concen: 41.917 ng
RT: 15.307 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion:149 Resp: 1442032
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 12.3 10.0 15.0

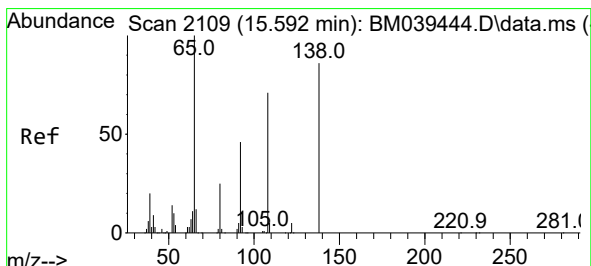
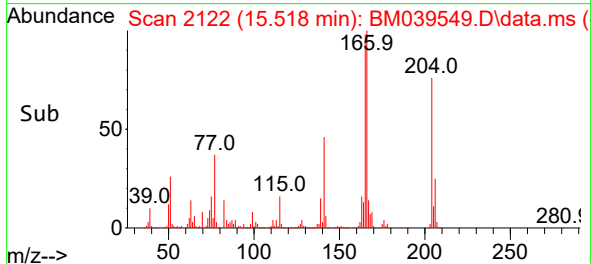
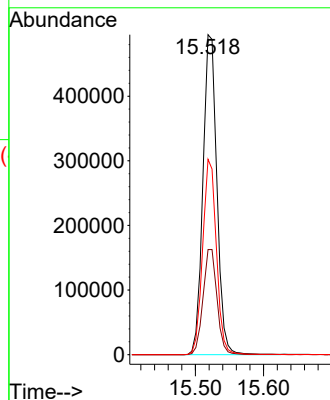
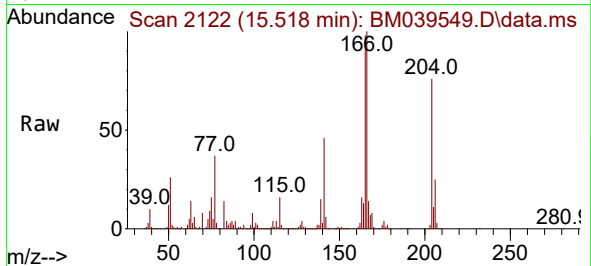




#61
4-Chlorophenyl-phenylether
Concen: 45.877 ng
RT: 15.518 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

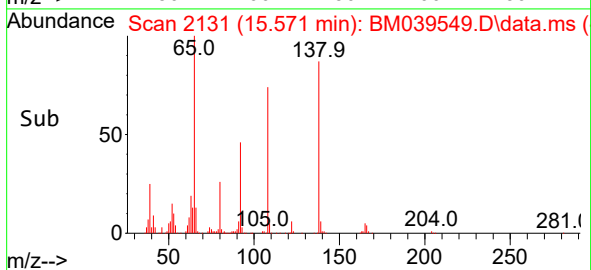
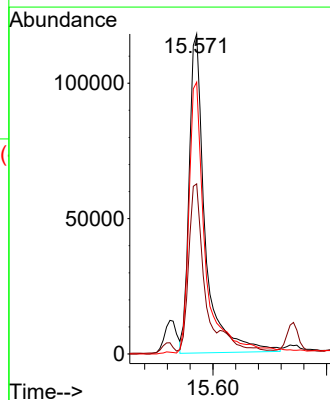
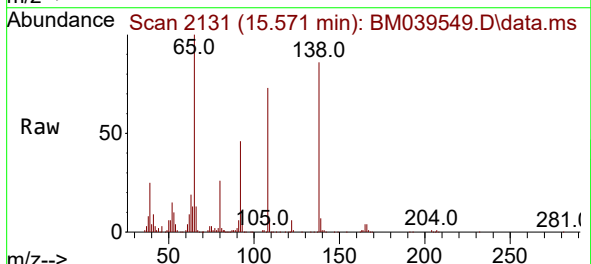
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

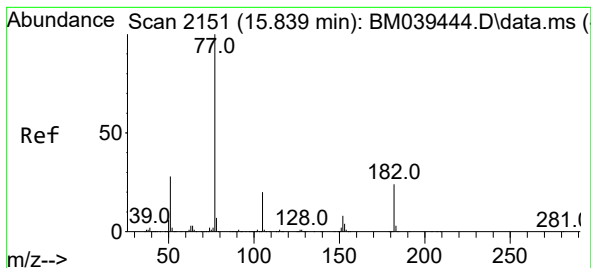
Tgt Ion:204 Resp: 704654
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 61.1 47.0 70.4



#62
4-Nitroaniline
Concen: 33.735 ng
RT: 15.571 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion:138 Resp: 230791
Ion Ratio Lower Upper
138 100
92 53.2 32.6 72.6
108 84.9 60.6 100.6





#63

Azobenzene

Concen: 46.401 ng

RT: 15.812 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

Tgt Ion: 77 Resp: 1555524

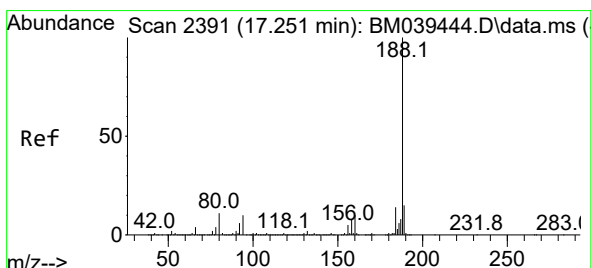
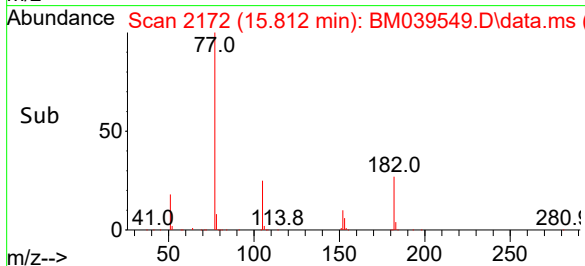
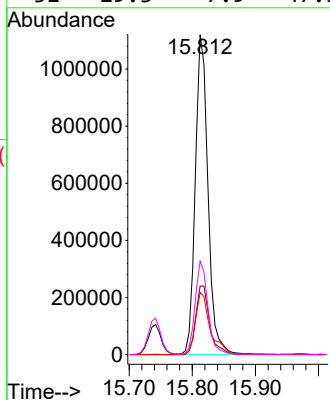
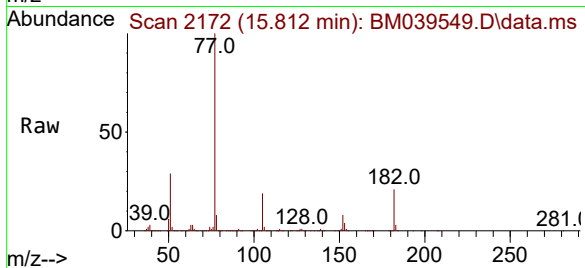
Ion Ratio Lower Upper

77 100

182 21.4 3.7 43.7

105 19.5 0.5 40.5

51 29.3 7.9 47.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.230 min Scan# 2413

Delta R.T. -0.000 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

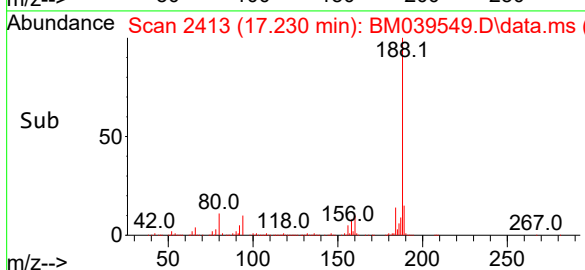
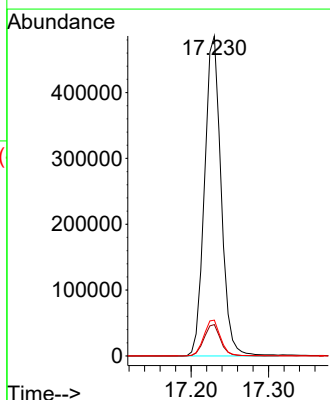
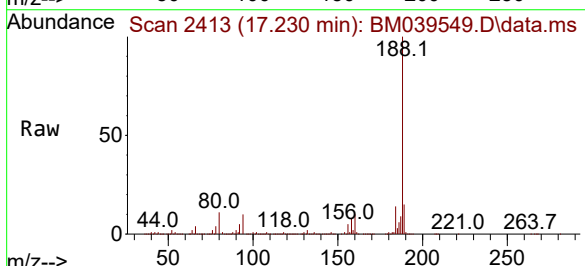
Tgt Ion:188 Resp: 719615

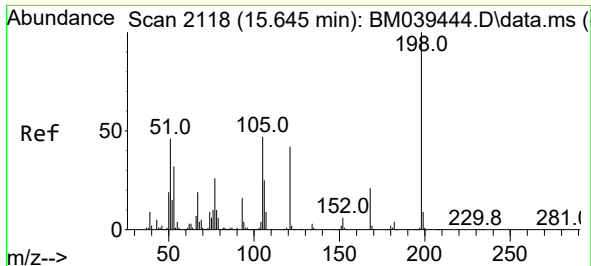
Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 11.2 8.9 13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 51.044 ng

RT: 15.624 min Scan# 2118

Delta R.T. -0.000 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

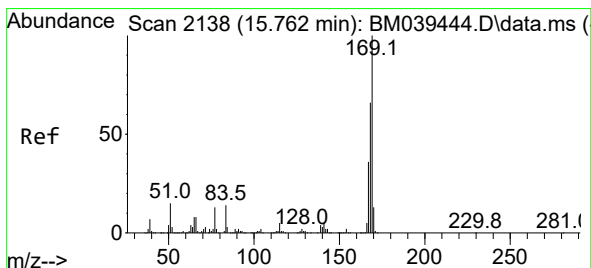
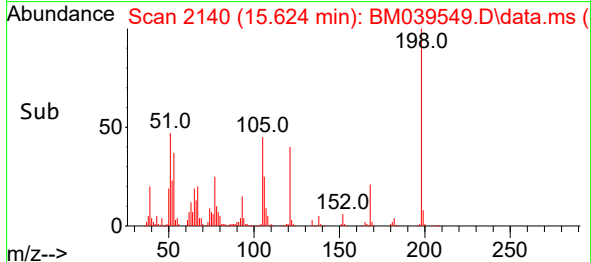
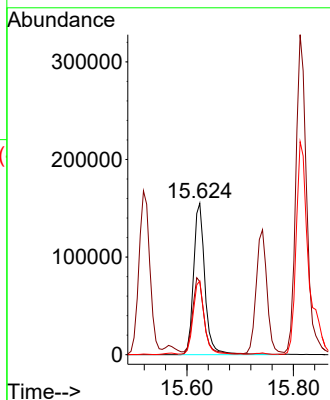
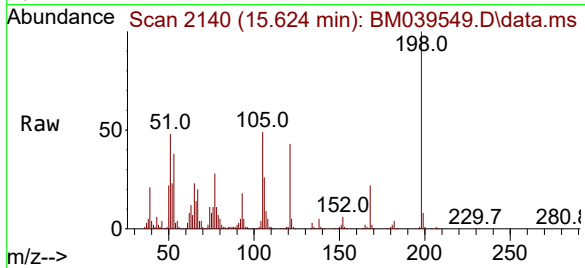
Tgt Ion:198 Resp: 230003

Ion Ratio Lower Upper

198 100

51 48.2 29.3 69.3

105 48.7 27.7 67.7



#66

n-Nitrosodiphenylamine

Concen: 52.233 ng

RT: 15.742 min Scan# 2160

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

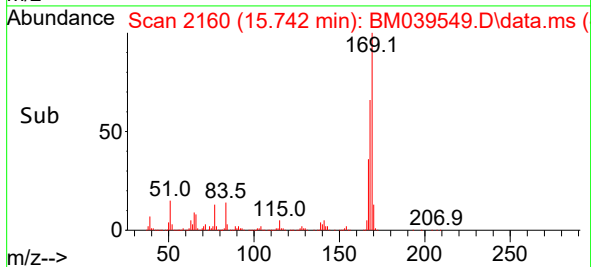
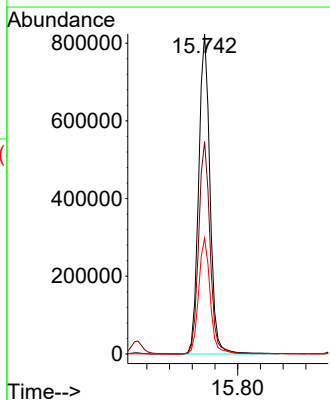
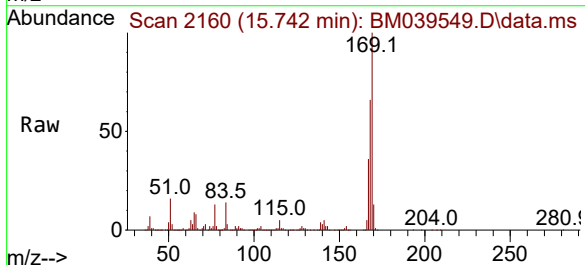
Tgt Ion:169 Resp: 1139578

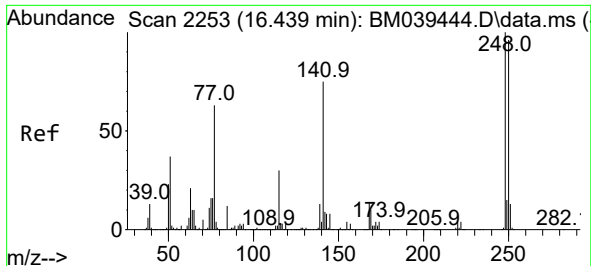
Ion Ratio Lower Upper

169 100

168 66.4 52.6 79.0

167 36.2 29.0 43.4





#67

4-Bromophenyl-phenylether

Concen: 53.395 ng

RT: 16.418 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039549.D

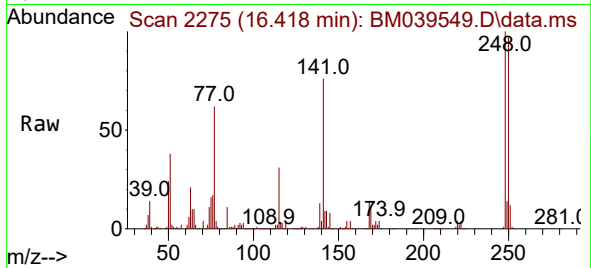
Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS



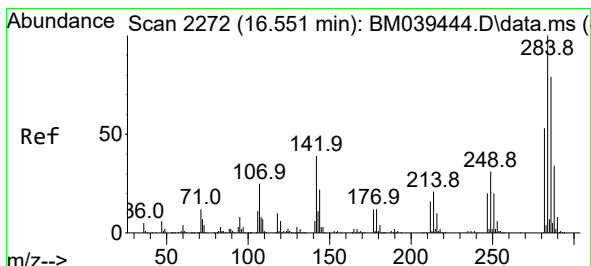
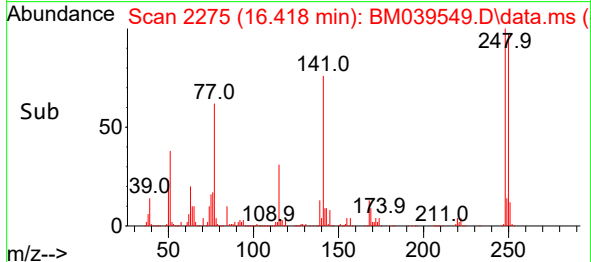
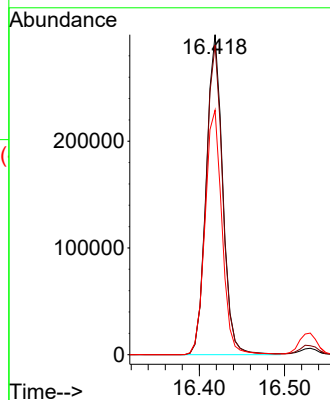
Tgt Ion:248 Resp: 404475

Ion Ratio Lower Upper

248 100

250 96.8 77.0 115.4

141 76.4 60.2 90.4



#68

Hexachlorobenzene

Concen: 54.778 ng

RT: 16.530 min Scan# 2294

Delta R.T. -0.000 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

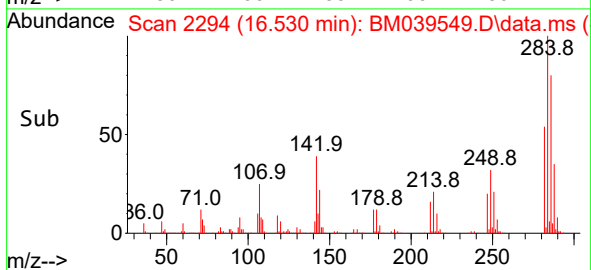
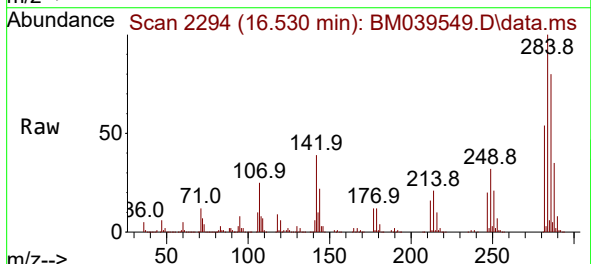
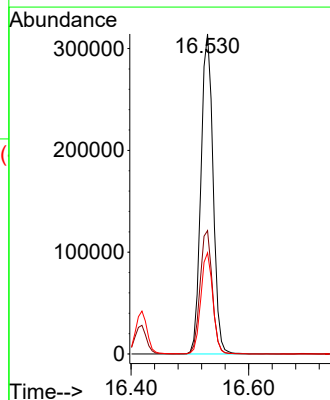
Tgt Ion:284 Resp: 450584

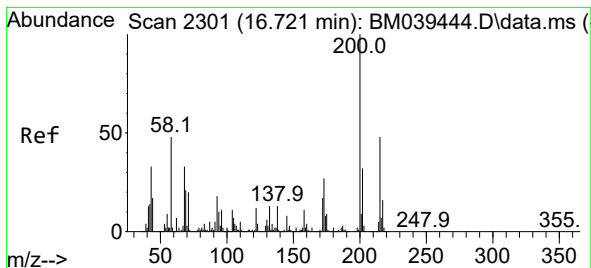
Ion Ratio Lower Upper

284 100

142 38.5 31.1 46.7

249 31.6 25.0 37.6





#69

Atrazine

Concen: 50.625 ng

RT: 16.701 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

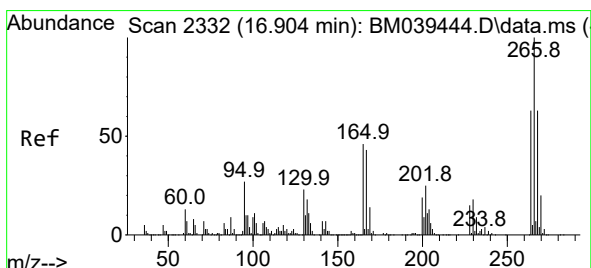
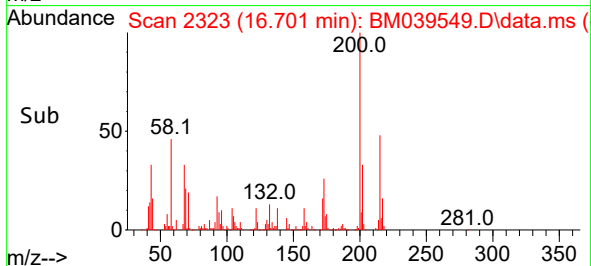
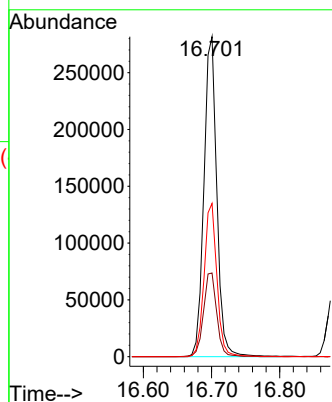
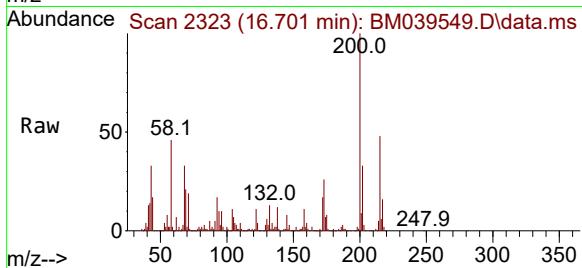
Tgt Ion:200 Resp: 370537

Ion Ratio Lower Upper

200 100

173 26.1 7.0 47.0

215 47.9 28.2 68.2



#70

Pentachlorophenol

Concen: 90.704 ng

RT: 16.883 min Scan# 2354

Delta R.T. -0.000 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

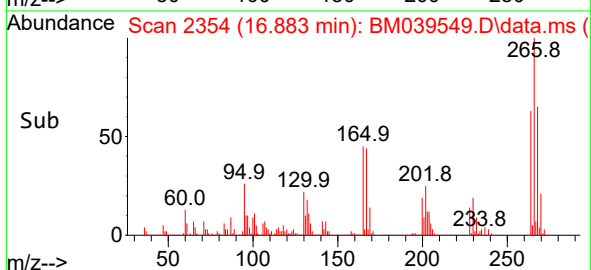
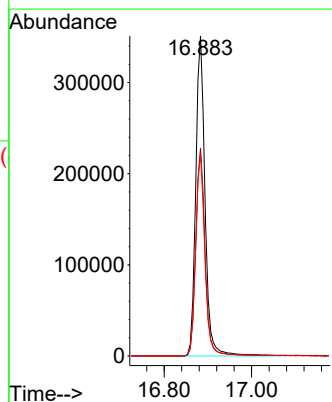
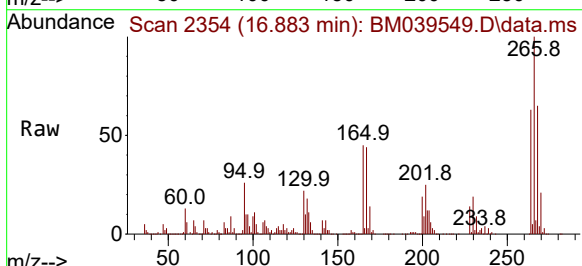
Tgt Ion:266 Resp: 521018

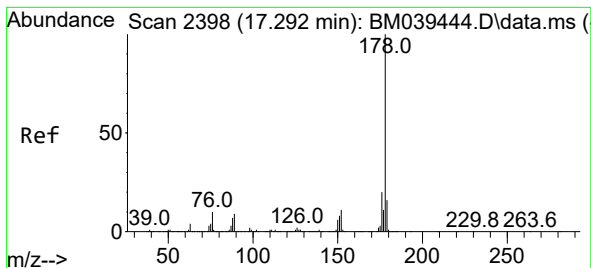
Ion Ratio Lower Upper

266 100

268 65.0 50.6 76.0

264 63.4 50.6 76.0





#71

Phenanthrene

Concen: 49.680 ng

RT: 17.271 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

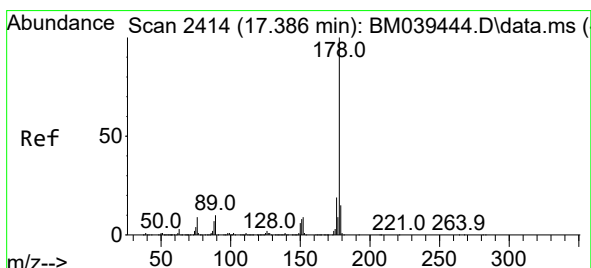
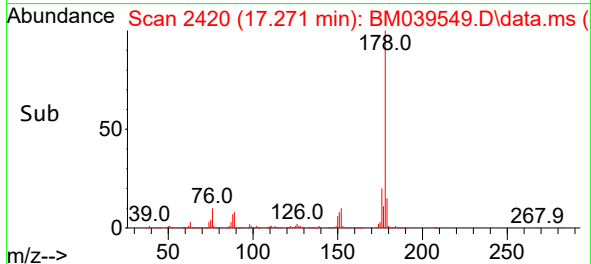
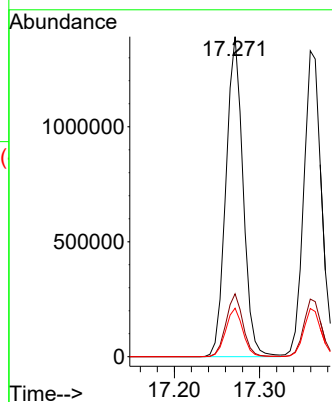
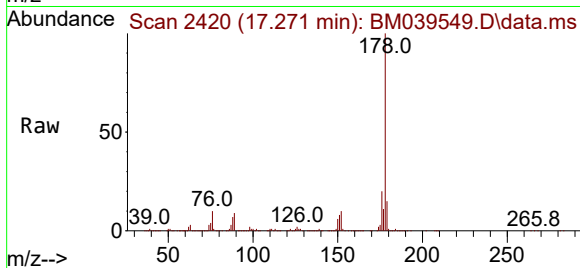
Tgt Ion:178 Resp: 1938642

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.1 12.5 18.7



#72

Anthracene

Concen: 48.940 ng

RT: 17.359 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

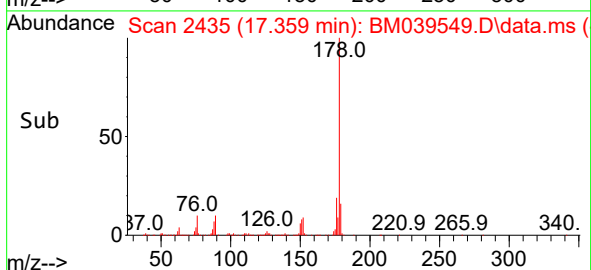
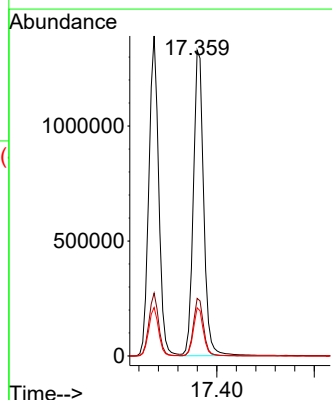
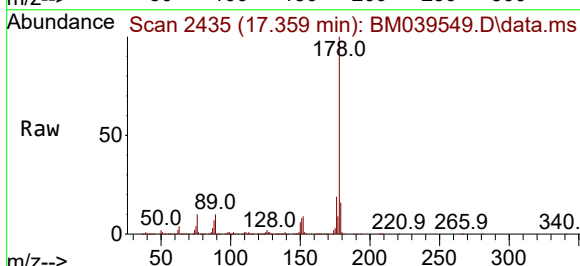
Tgt Ion:178 Resp: 1958974

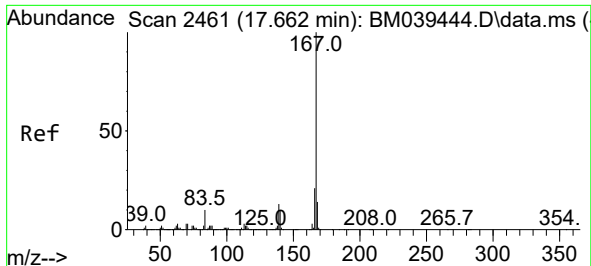
Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 15.7 12.2 18.4

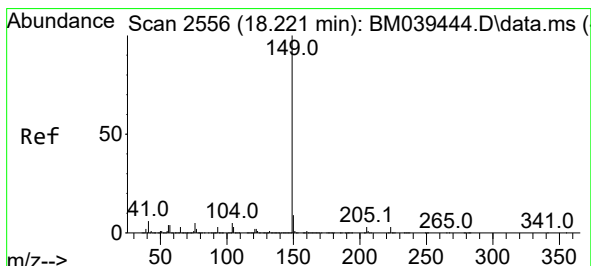
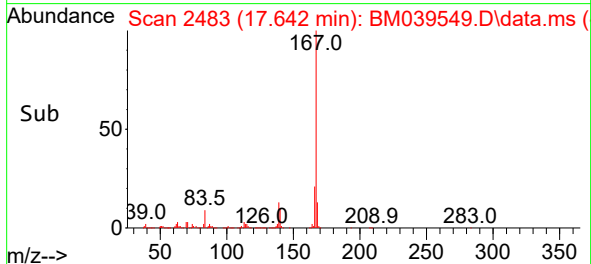
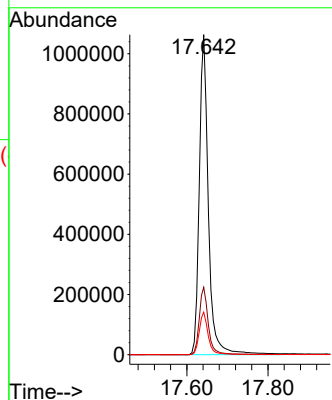
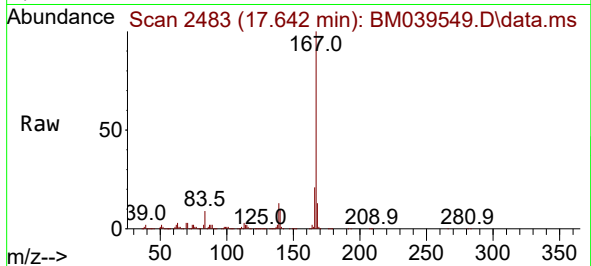




#73
 Carbazole
 Concen: 45.780 ng
 RT: 17.642 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM039549.D
 Acq: 21 Apr 2023 13:06

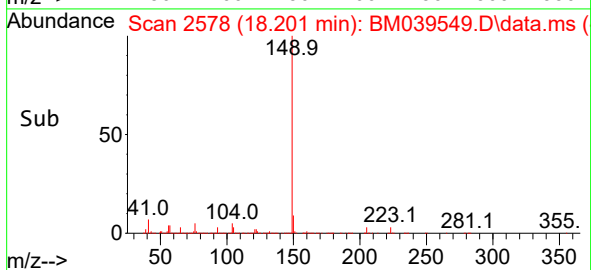
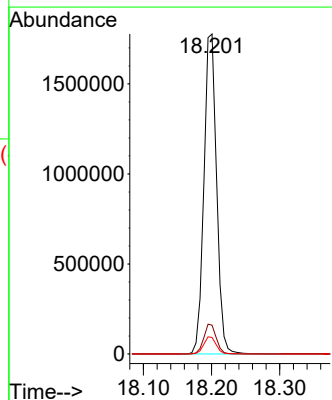
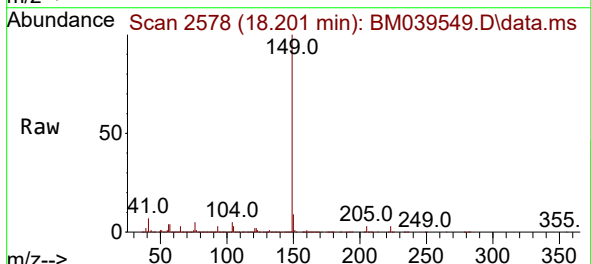
Instrument :
 BNA_M
 ClientSampleId :
 SB-17-7-9-20230410MS

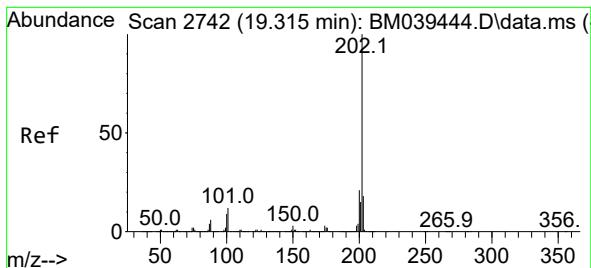
Tgt Ion:167 Resp: 1666677
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 45.407 ng
 RT: 18.201 min Scan# 2578
 Delta R.T. -0.000 min
 Lab File: BM039549.D
 Acq: 21 Apr 2023 13:06

Tgt Ion:149 Resp: 2297953
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 41.801 ng

RT: 19.289 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

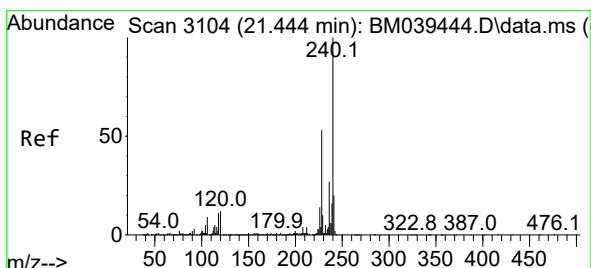
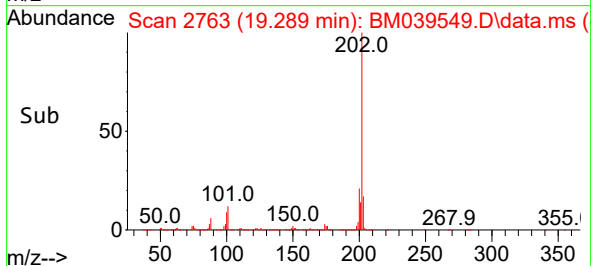
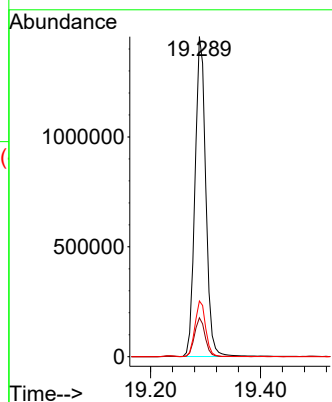
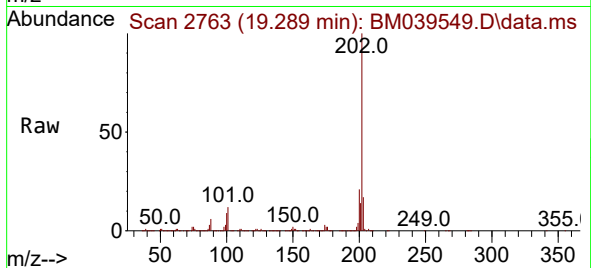
Tgt Ion:202 Resp: 1978955

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.1

203 17.4 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: BM039549.D

Acq: 21 Apr 2023 13:06

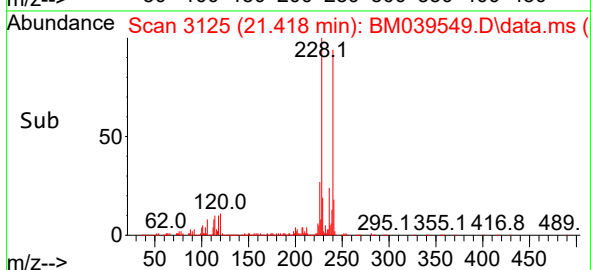
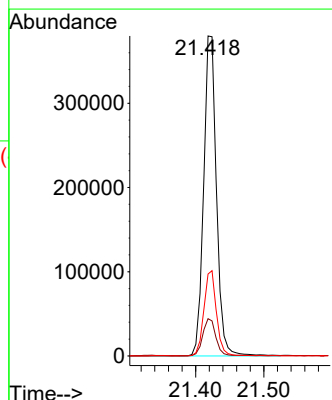
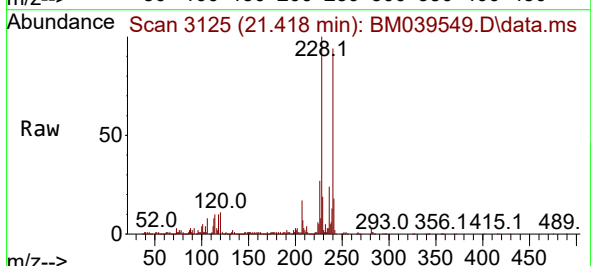
Tgt Ion:240 Resp: 497800

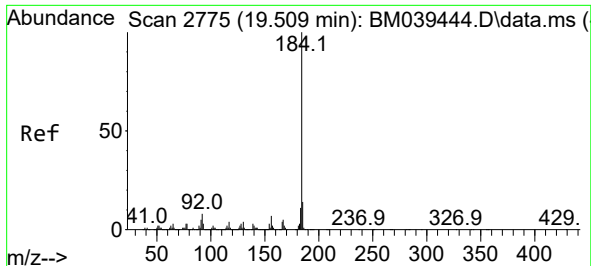
Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

236 25.6 21.2 31.8

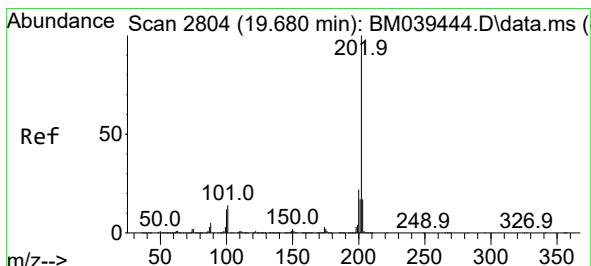
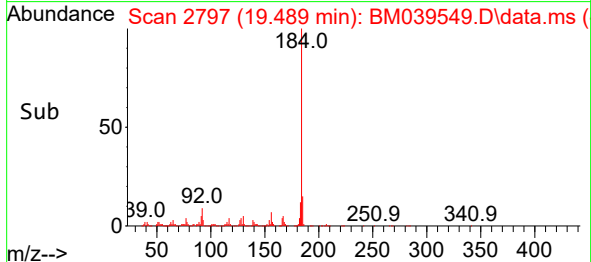
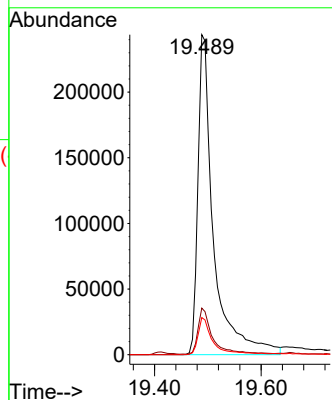
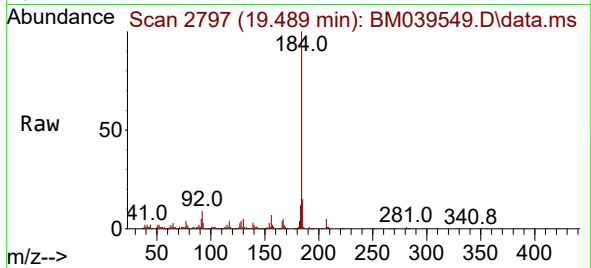




#77
Benzidine
Concen: 44.194 ng
RT: 19.489 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

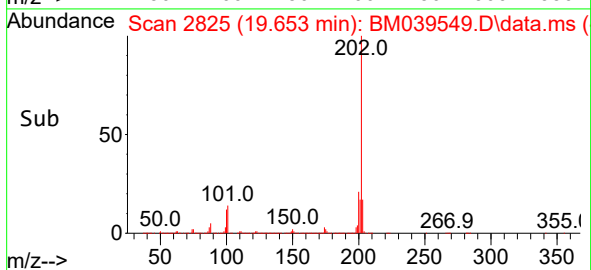
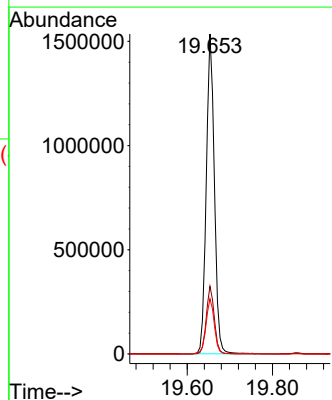
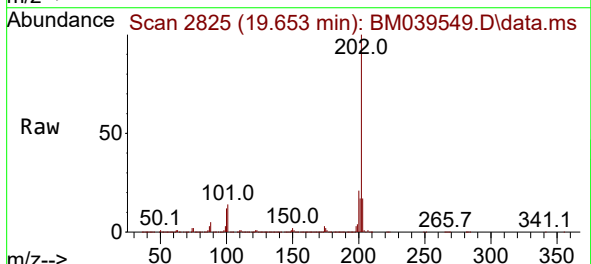
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

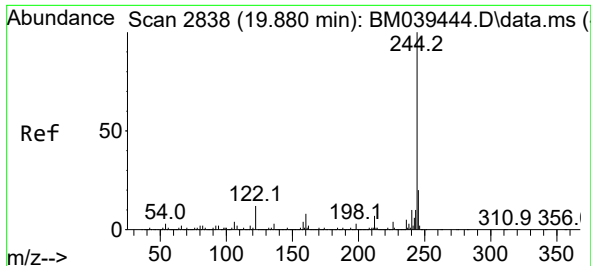
Tgt Ion:184 Resp: 498505
Ion Ratio Lower Upper
184 100
185 14.5 11.0 16.4
183 11.6 8.8 13.2



#78
Pyrene
Concen: 55.461 ng
RT: 19.653 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

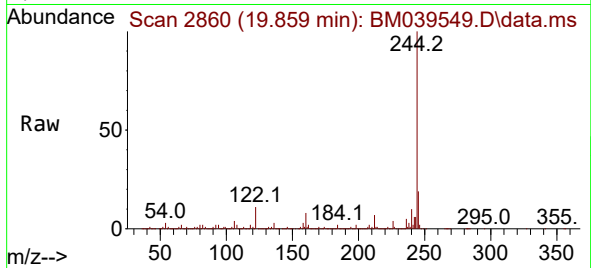
Tgt Ion:202 Resp: 2030359
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.3 13.9 20.9



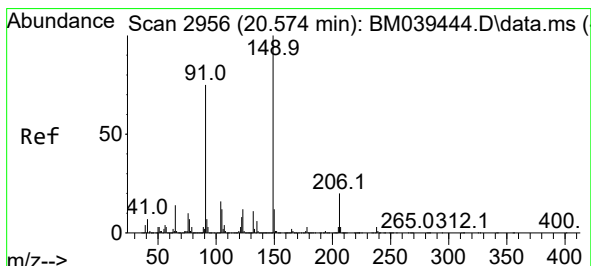
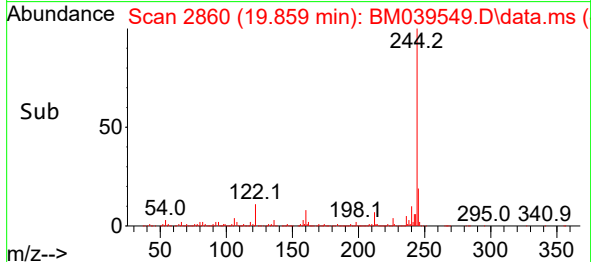
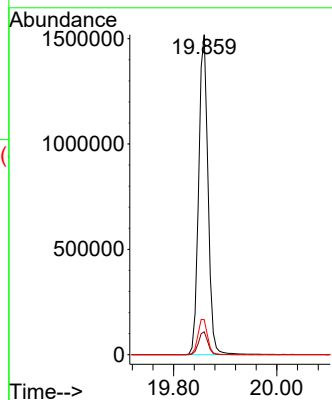


#79
 Terphenyl-d14
 Concen: 68.951 ng
 RT: 19.859 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039549.D
 Acq: 21 Apr 2023 13:06

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

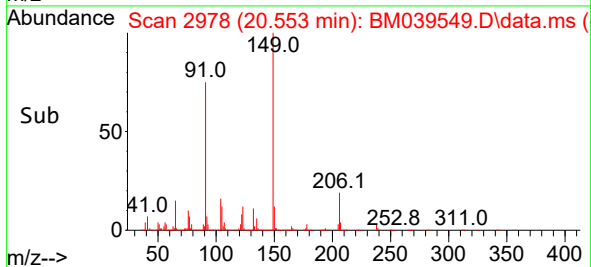
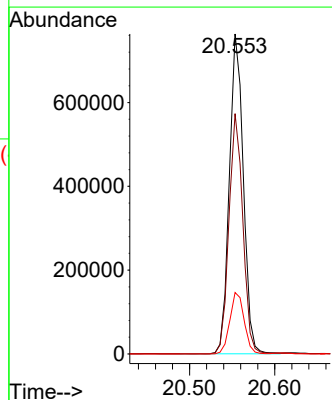
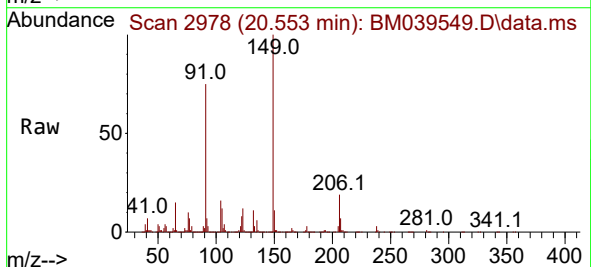


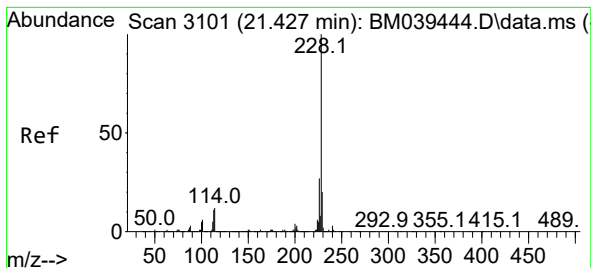
Tgt Ion:244 Resp: 1902616
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.9 9.5 14.3



#80
 Butylbenzylphthalate
 Concen: 47.918 ng
 RT: 20.553 min Scan# 2978
 Delta R.T. -0.006 min
 Lab File: BM039549.D
 Acq: 21 Apr 2023 13:06

Tgt Ion:149 Resp: 869876
 Ion Ratio Lower Upper
 149 100
 91 75.1 59.9 89.9
 206 19.2 15.8 23.8





#81

Benzo(a)anthracene

Concen: 47.825 ng

RT: 21.406 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

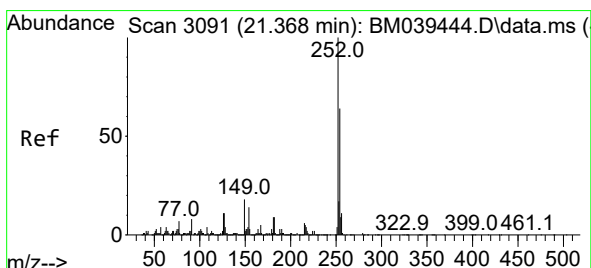
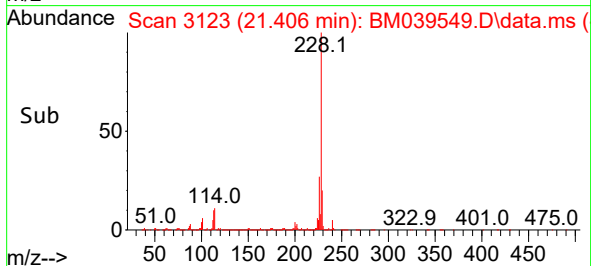
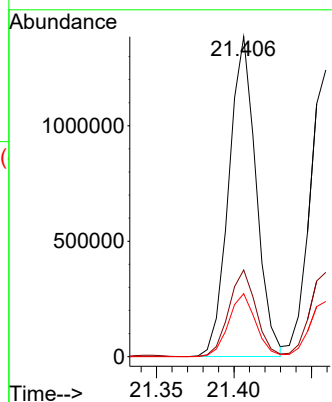
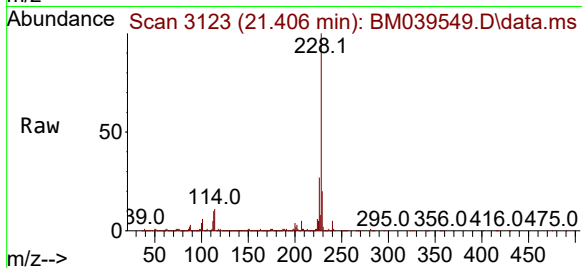
Tgt Ion:228 Resp: 1690698

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 45.232 ng

RT: 21.342 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

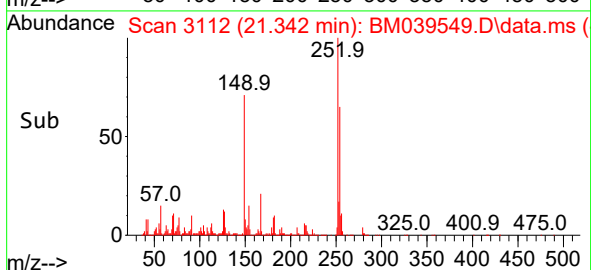
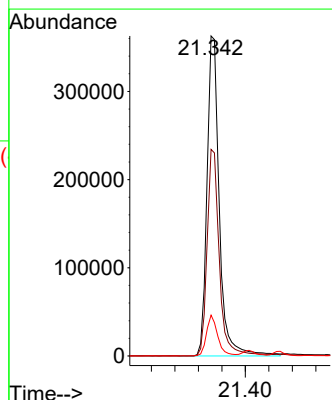
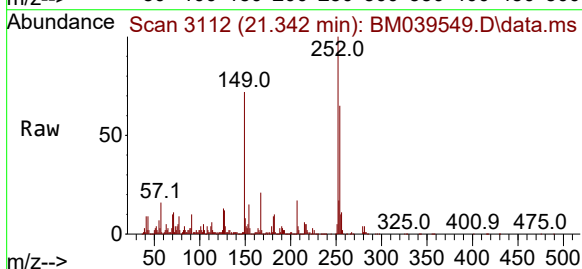
Tgt Ion:252 Resp: 527824

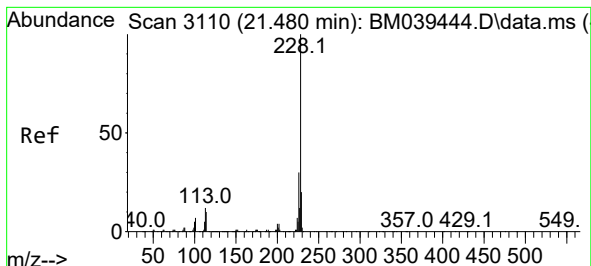
Ion Ratio Lower Upper

252 100

254 64.5 50.8 76.2

126 12.7 9.0 13.4





#83

Chrysene

Concen: 46.715 ng

RT: 21.459 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

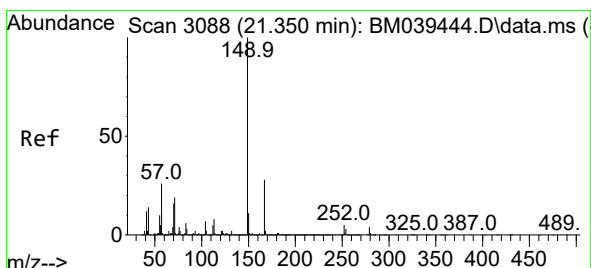
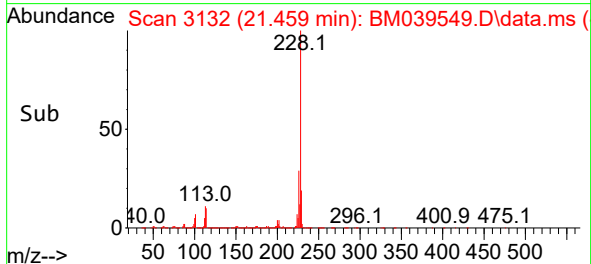
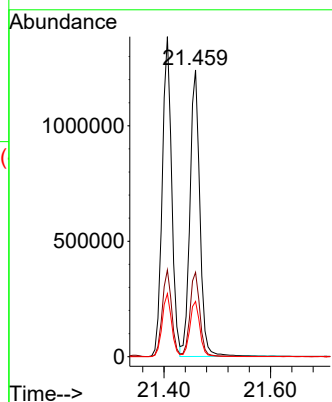
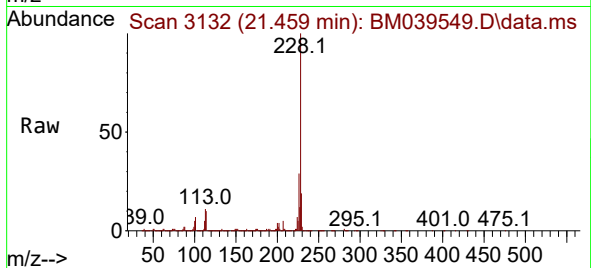
Tgt Ion:228 Resp: 1600672

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

229 19.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.269 ng

RT: 21.330 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

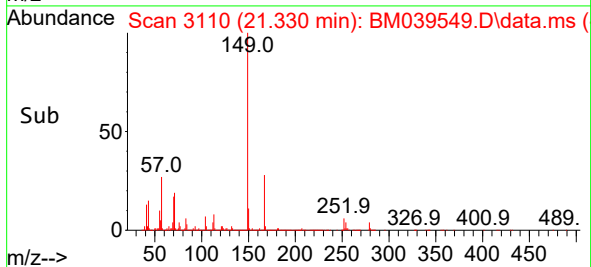
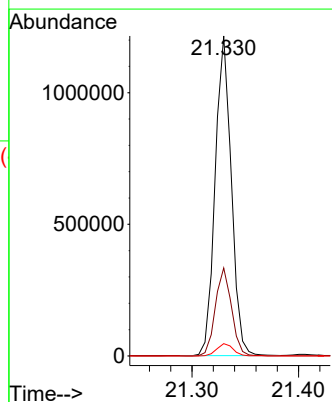
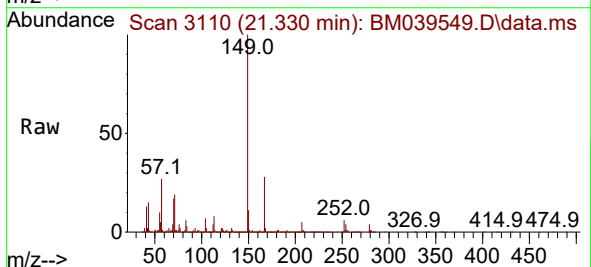
Tgt Ion:149 Resp: 1280366

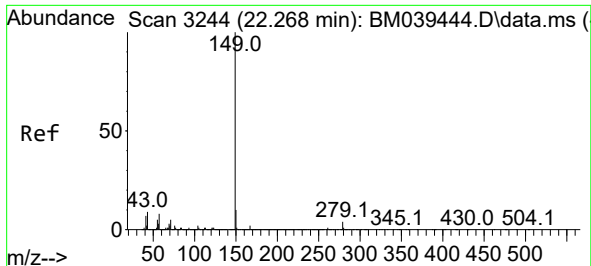
Ion Ratio Lower Upper

149 100

167 27.5 22.3 33.5

279 3.9 3.2 4.8

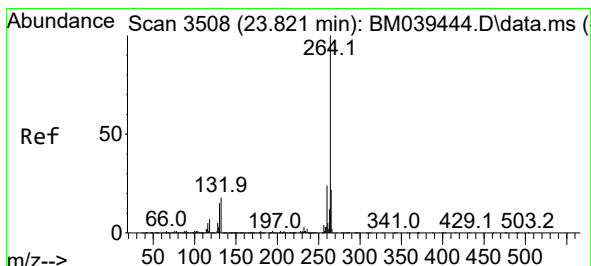
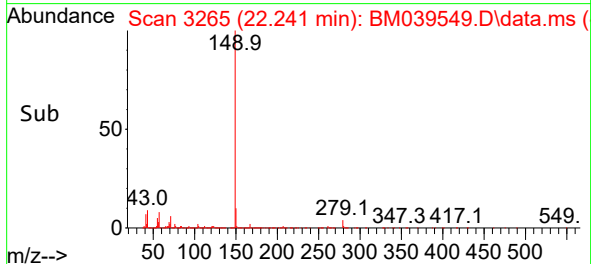
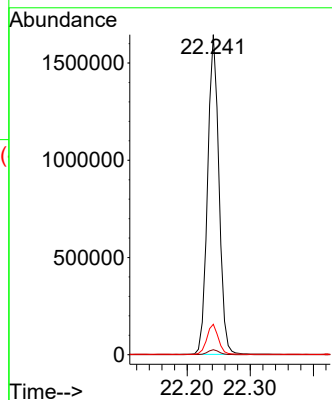
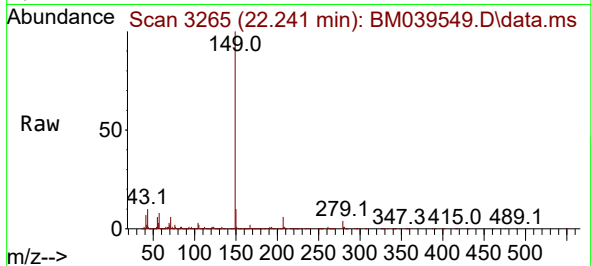




#85
Di-n-octyl phthalate
Concen: 43.054 ng
RT: 22.241 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

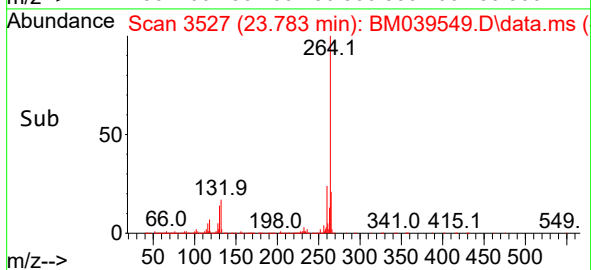
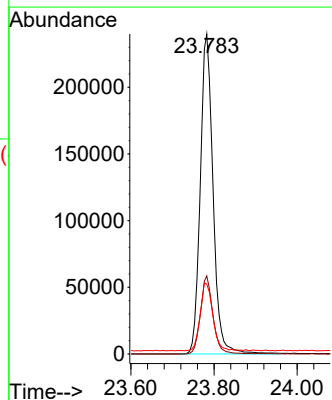
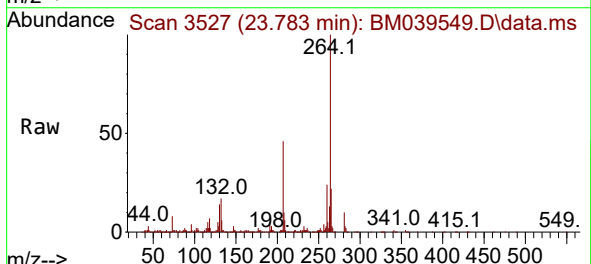
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

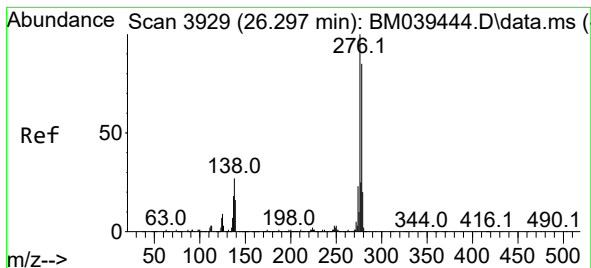
Tgt Ion:149 Resp: 2048764
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.783 min Scan# 3527
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion:264 Resp: 513246
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.6
265 21.8 18.0 27.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.024 ng

RT: 26.229 min Scan# 3405

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

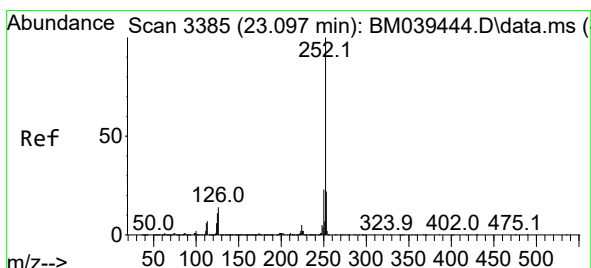
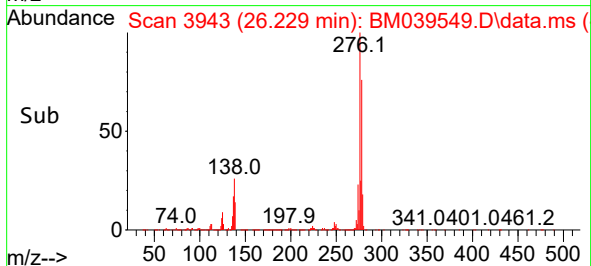
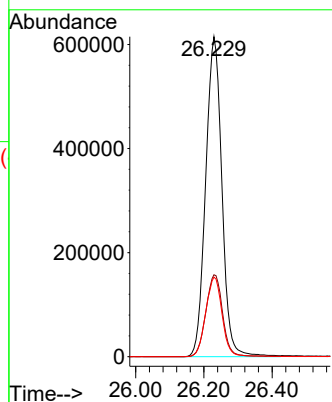
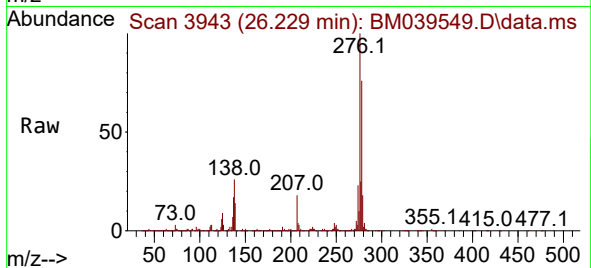
Tgt Ion:276 Resp: 2037489

Ion Ratio Lower Upper

276 100

138 26.5 21.4 32.0

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 51.797 ng

RT: 23.065 min Scan# 3405

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

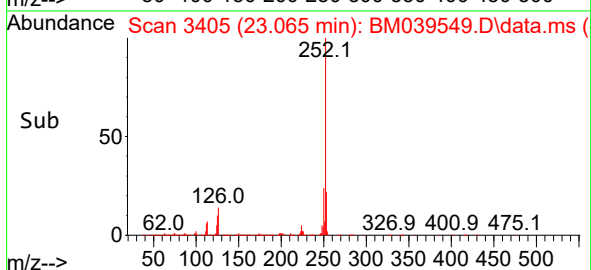
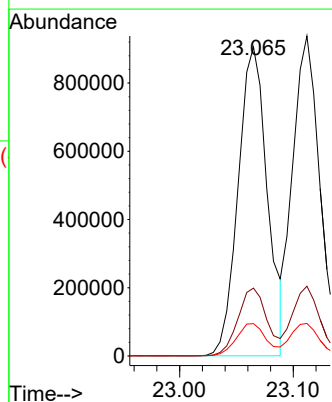
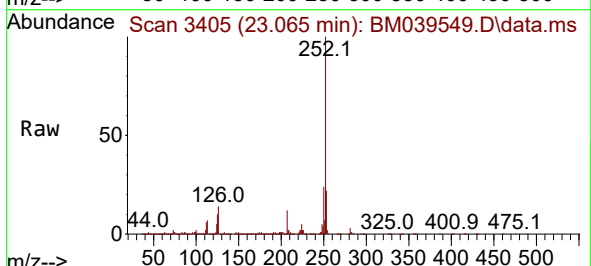
Tgt Ion:252 Resp: 1620905

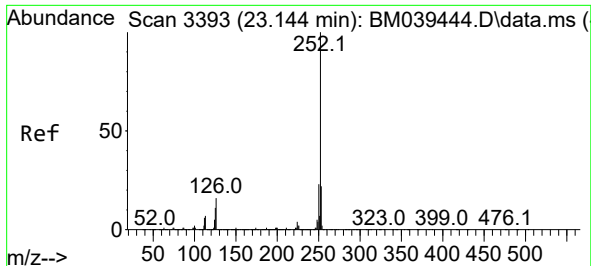
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.5 8.9 13.3

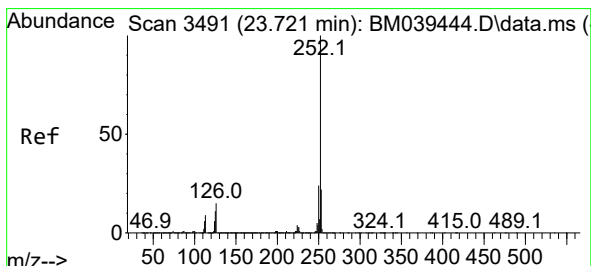
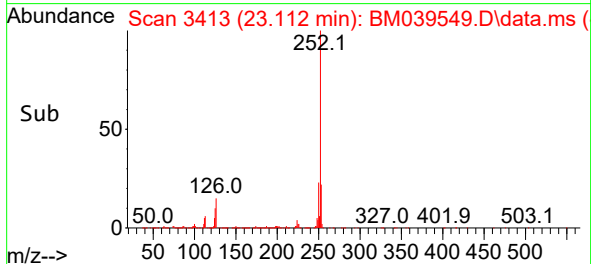
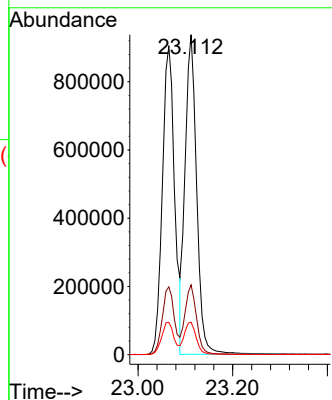
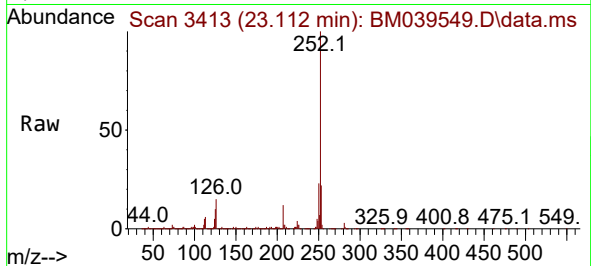




#89
Benzo(k)fluoranthene
Concen: 48.701 ng
RT: 23.112 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

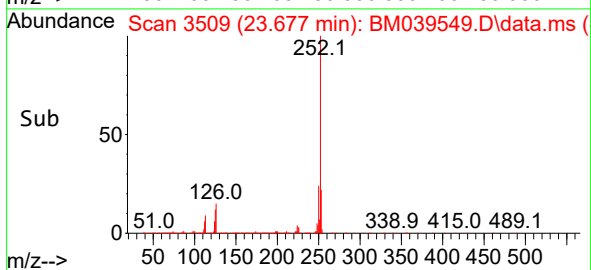
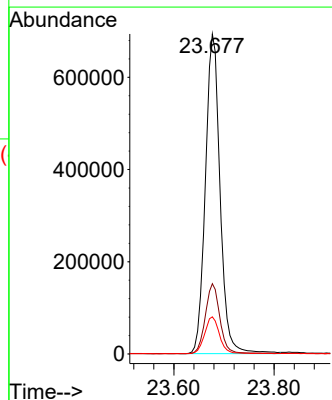
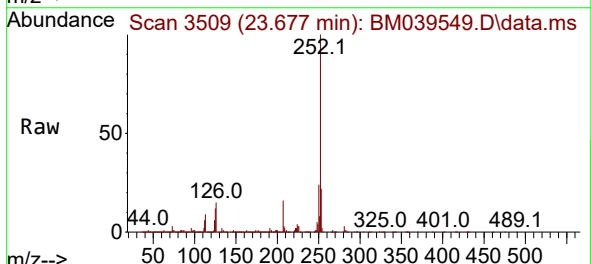
Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

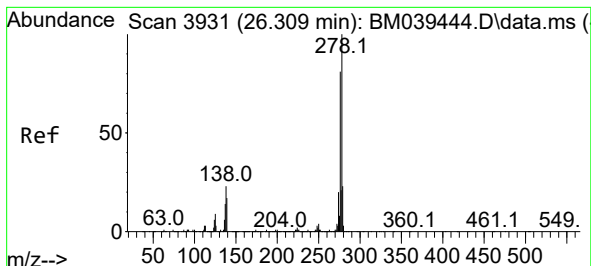
Tgt Ion:252 Resp: 1593305
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.2 8.8 13.2



#90
Benzo(a)pyrene
Concen: 45.439 ng
RT: 23.677 min Scan# 3509
Delta R.T. -0.006 min
Lab File: BM039549.D
Acq: 21 Apr 2023 13:06

Tgt Ion:252 Resp: 1413218
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.6 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 54.435 ng

RT: 26.241 min Scan# 3945

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Instrument :

BNA_M

ClientSampleId :

SB-17-7-9-20230410MS

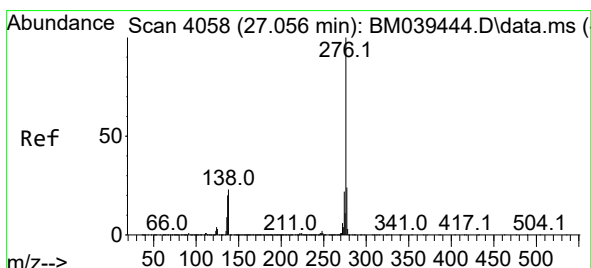
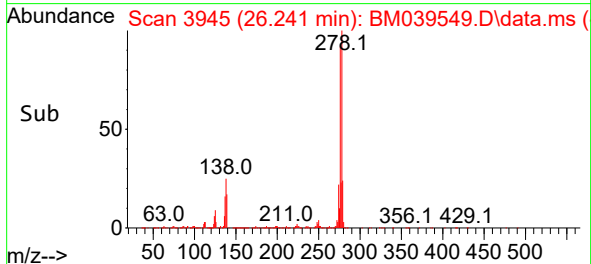
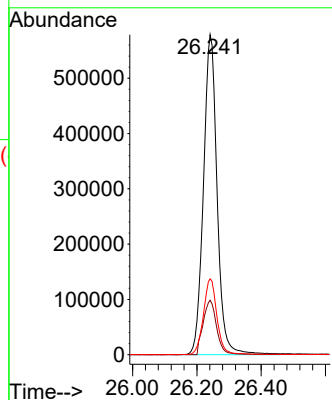
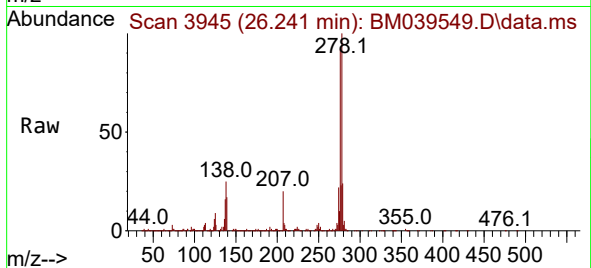
Tgt Ion:278 Resp: 1706427

Ion Ratio Lower Upper

278 100

139 17.0 13.7 20.5

279 23.7 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 54.960 ng

RT: 26.982 min Scan# 4071

Delta R.T. -0.006 min

Lab File: BM039549.D

Acq: 21 Apr 2023 13:06

Tgt Ion:276 Resp: 1707711

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 22.8 18.8 28.2

