

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
 Data File : BM040127.D
 Acq On : 07 Jun 2023 06:28
 Operator : MA/JU
 Sample : 03008-02MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18-0AMSD

Quant Time: Jun 07 07:06:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	302072	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1423065	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	900523	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1881897	20.000	ng	0.00
76) Chrysene-d12	21.550	240	2004204	20.000	ng	0.00
86) Perylene-d12	23.991	264	1927877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	2819016	143.151	ng	0.00
7) Phenol-d6	7.151	99	3465571	134.907	ng	0.00
23) Nitrobenzene-d5	9.163	82	2312178	87.674	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1989893	170.250	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	5724380	74.977	ng	0.00
79) Terphenyl-d14	19.992	244	10496637	81.320	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.410	88	293024	36.845	ng	# 53
3) Pyridine	3.822	79	763854	34.984	ng	98
4) n-Nitrosodimethylamine	3.722	42	389055	41.942	ng	94
6) Aniline	7.316	93	1154287	36.314	ng	99
8) 2-Chlorophenol	7.551	128	1048763	50.594	ng	98
9) Benzaldehyde	7.122	77	439169	35.365	ng	100
10) Phenol	7.181	94	1259422	48.910	ng	98
11) bis(2-Chloroethyl)ether	7.410	93	1013092	47.767	ng	100
12) 1,3-Dichlorobenzene	7.881	146	981265	44.702	ng	99
13) 1,4-Dichlorobenzene	8.028	146	1012648	45.341	ng	98
14) 1,2-Dichlorobenzene	8.345	146	989505	45.183	ng	99
15) Benzyl Alcohol	8.234	79	957145	57.802	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1265694	46.522	ng	100
17) 2-Methylphenol	8.439	107	915462	49.692	ng	99
18) Hexachloroethane	9.081	117	365612	45.154	ng	94
19) n-Nitroso-di-n-propyla...	8.804	70	800401	53.795	ng	98
20) 3+4-Methylphenols	8.769	107	1251090	51.463	ng	98
22) Acetophenone	8.822	105	1703709	44.356	ng	98
24) Nitrobenzene	9.204	77	1170676	43.762	ng	99
25) Isophorone	9.733	82	2324891	48.340	ng	99
26) 2-Nitrophenol	9.916	139	524991	55.461	ng	97
27) 2,4-Dimethylphenol	9.975	122	1096375	50.852	ng	99
28) bis(2-Chloroethoxy)met...	10.216	93	1461942	46.364	ng	99
29) 2,4-Dichlorophenol	10.451	162	1005414	49.220	ng	99
30) 1,2,4-Trichlorobenzene	10.669	180	923367	41.290	ng	99
31) Naphthalene	10.857	128	3339170	42.527	ng	99
32) Benzoic acid	10.116	122	597219	42.224	ng	97
33) 4-Chloroaniline	10.969	127	355854	10.755	ng	98
34) Hexachlorobutadiene	11.145	225	456516	36.369	ng	97
35) Caprolactam	11.757	113	156417	27.117	ng	89
36) 4-Chloro-3-methylphenol	12.086	107	1148499	54.396	ng	99
37) 2-Methylnaphthalene	12.463	142	2341595	44.741	ng	98
38) 1-Methylnaphthalene	12.680	142	2223377	45.383	ng	98
40) 1,2,4,5-Tetrachloroben...	12.827	216	1067393	37.476	ng	99
41) Hexachlorocyclopentadiene	12.810	237	1030788	69.959	ng	100
43) 2,4,6-Trichlorophenol	13.069	196	758543	43.878	ng	98

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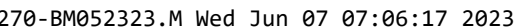
Instrument :
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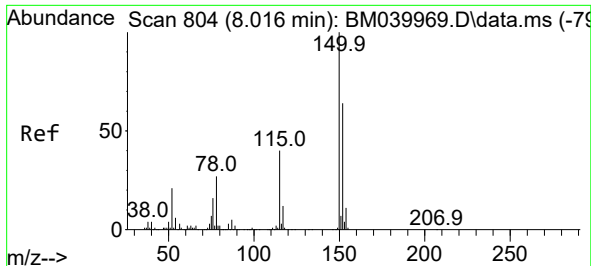
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	861092	41.848	ng	99
46) 1,1'-Biphenyl	13.468	154	3301955	42.828	ng	99
47) 2-Chloronaphthalene	13.510	162	2533503	44.023	ng	100
48) 2-Nitroaniline	13.716	65	781719	50.085	ng	96
49) Acenaphthylene	14.357	152	4168251	46.266	ng	99
50) Dimethylphthalate	14.092	163	3321098	48.923	ng	100
51) 2,6-Dinitrotoluene	14.210	165	687473	52.938	ng	95
52) Acenaphthene	14.698	154	2513536	42.699	ng	97
53) 3-Nitroaniline	14.533	138	367784	23.940	ng	95
54) 2,4-Dinitrophenol	14.739	184	645287	88.353	ng	99
55) Dibenzofuran	15.027	168	3998816	46.016	ng	99
56) 4-Nitrophenol	14.845	139	1360713	114.502	ng	92
57) 2,4-Dinitrotoluene	14.992	165	985311	52.329	ng	94
58) Fluorene	15.674	166	3448270	47.734	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.251	232	767231	50.138	ng	99
60) Diethylphthalate	15.451	149	3418460	50.946	ng	99
61) 4-Chlorophenyl-phenyle...	15.668	204	1619997	45.837	ng	97
62) 4-Nitroaniline	15.704	138	866064	54.131	ng	93
63) Azobenzene	15.962	77	3184616	47.604	ng	98
65) 4,6-Dinitro-2-methylph...	15.751	198	454783	44.523	ng	98
66) n-Nitrosodiphenylamine	15.886	169	2926311	45.217	ng	98
67) 4-Bromophenyl-phenylether	16.562	248	889066	42.756	ng	98
68) Hexachlorobenzene	16.680	284	1089478	45.848	ng	94
69) Atrazine	16.833	200	955280	59.343	ng	99
70) Pentachlorophenol	17.021	266	1453051	93.147	ng	98
71) Phenanthrene	17.415	178	5234772	46.504	ng	99
72) Anthracene	17.509	178	5348794	47.959	ng	100
73) Carbazole	17.780	167	5191828	51.526	ng	99
74) Di-n-butylphthalate	18.339	149	5810140	45.324	ng	100
75) Fluoranthene	19.427	202	5754604	51.293	ng	99
77) Benzidine	19.609	184	1528593	49.114	ng	99
78) Pyrene	19.792	202	6272172	42.649	ng	100
80) Butylbenzylphthalate	20.680	149	2679255	44.673	ng	93
81) Benzo(a)anthracene	21.533	228	6696012	47.195	ng	98
82) 3,3'-Dichlorobenzidine	21.468	252	1487665	35.101	ng	99
83) Chrysene	21.591	228	6038994	44.361	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	4037722	42.356	ng	98
85) Di-n-octyl phthalate	22.397	149	7067996	47.797	ng	97
87) Indeno(1,2,3-cd)pyrene	26.544	276	6880351	44.878	ng	97
88) Benzo(b)fluoranthene	23.244	252	6487731	52.562	ng	98
89) Benzo(k)fluoranthene	23.297	252	6459478	47.859	ng	98
90) Benzo(a)pyrene	23.885	252	5306604	44.830	ng	98
91) Dibenzo(a,h)anthracene	26.556	278	6010949	45.414	ng	97
92) Benzo(g,h,i)perylene	27.321	276	4800868	41.039	ng	98

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

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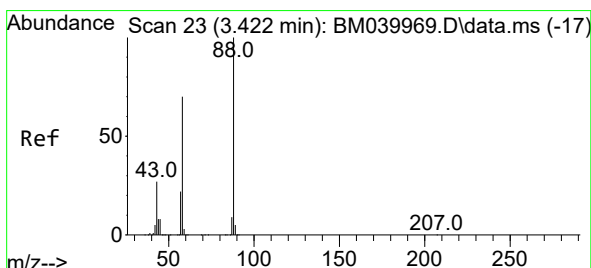
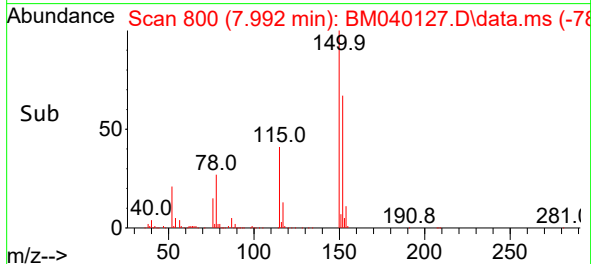
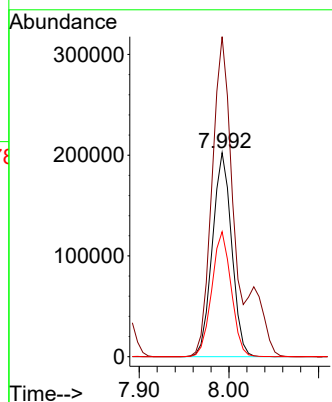
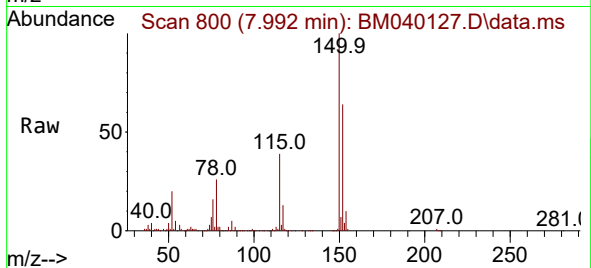




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 80
Delta R.T. -0.007 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

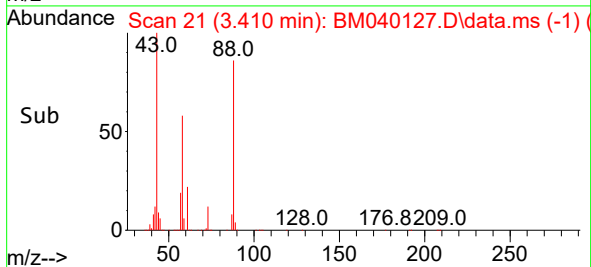
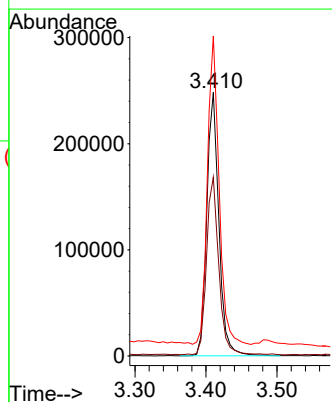
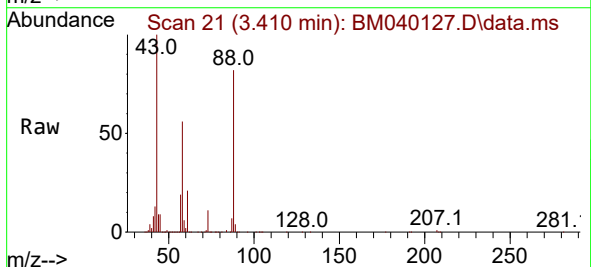
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

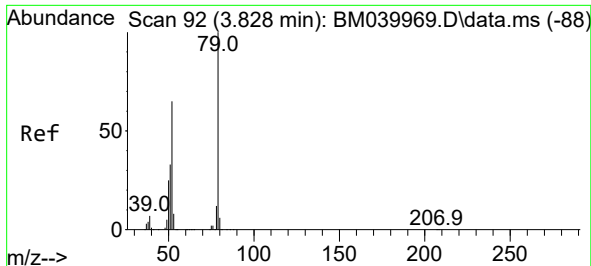
Tgt Ion:152 Resp: 302072
Ion Ratio Lower Upper
152 100
150 156.9 125.5 188.3
115 61.3 50.2 75.2



#2
1,4-Dioxane
Concen: 36.845 ng
RT: 3.410 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion: 88 Resp: 293024
Ion Ratio Lower Upper
88 100
58 68.6 56.1 84.1
43 112.9 22.0 33.0#

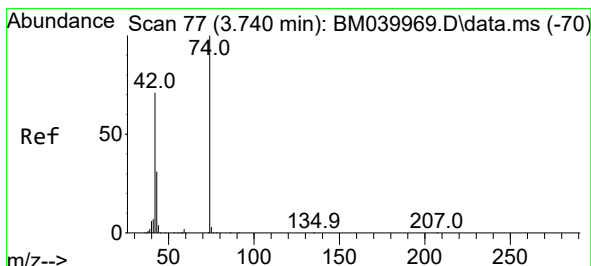
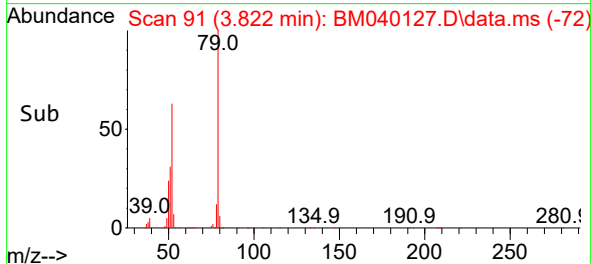
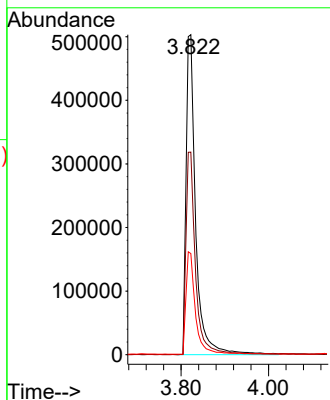
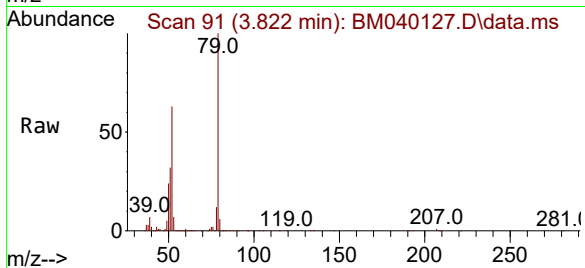




#3
Pyridine
Concen: 34.984 ng
RT: 3.822 min Scan# 91
Delta R.T. 0.011 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

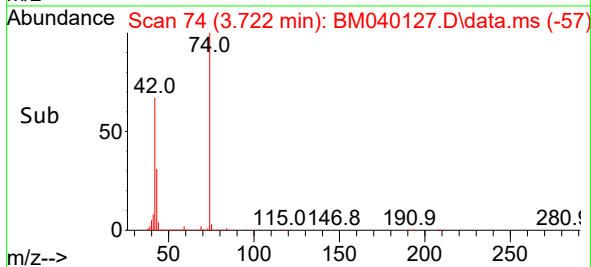
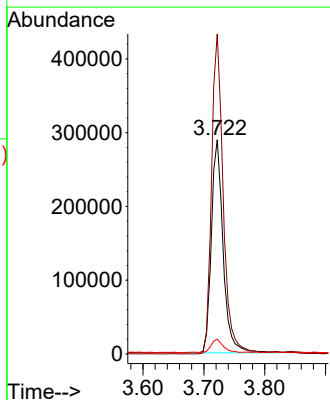
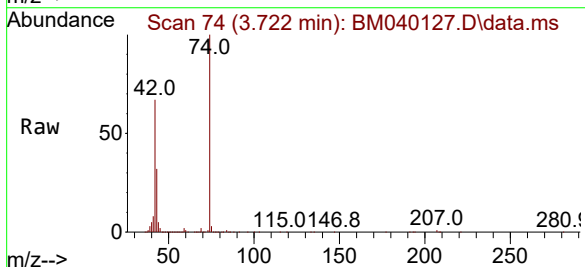
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

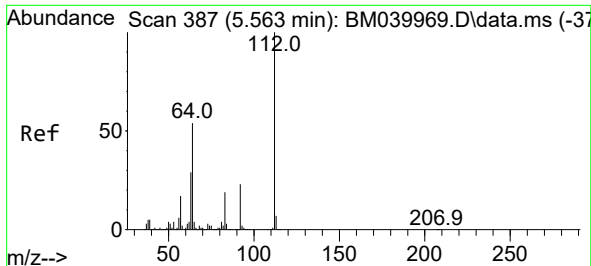
Tgt Ion: 79 Resp: 763854
Ion Ratio Lower Upper
79 100
52 63.3 52.0 78.0
51 31.6 26.5 39.7



#4
n-Nitrosodimethylamine
Concen: 41.942 ng
RT: 3.722 min Scan# 74
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion: 42 Resp: 389055
Ion Ratio Lower Upper
42 100
74 149.4 113.4 170.0
44 6.9 5.4 8.2

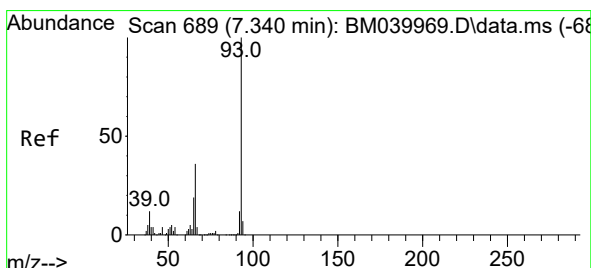
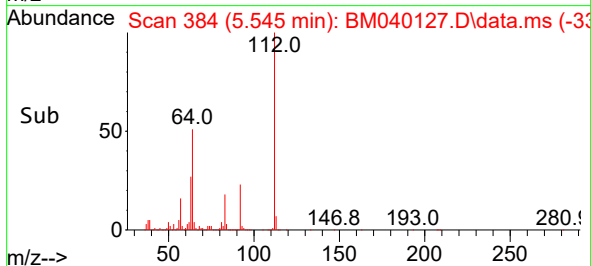
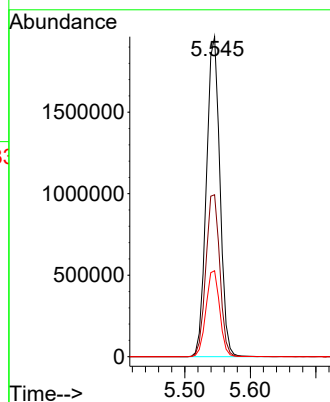
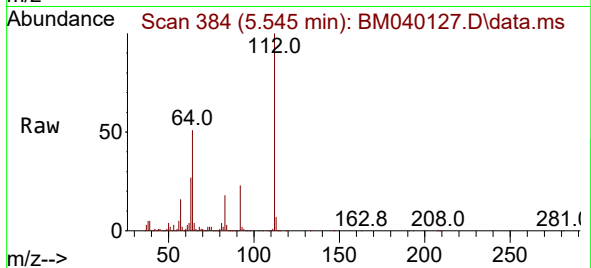




#5
2-Fluorophenol
Concen: 143.151 ng
RT: 5.545 min Scan# 387
Delta R.T. 0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

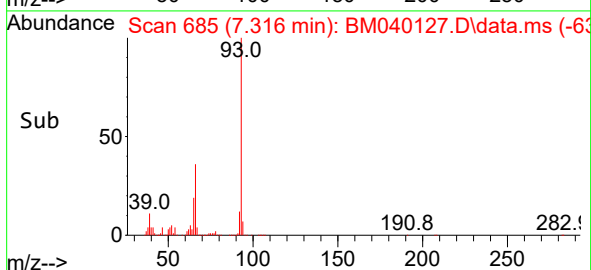
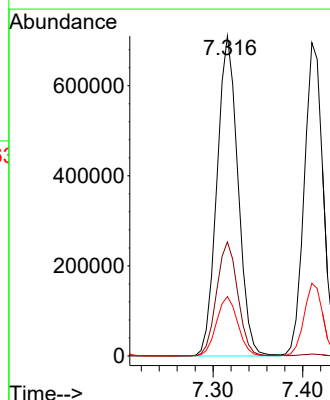
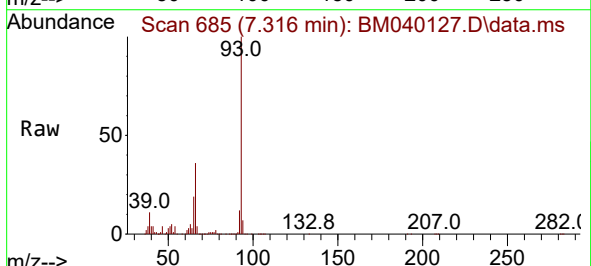
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ClientSampleId :
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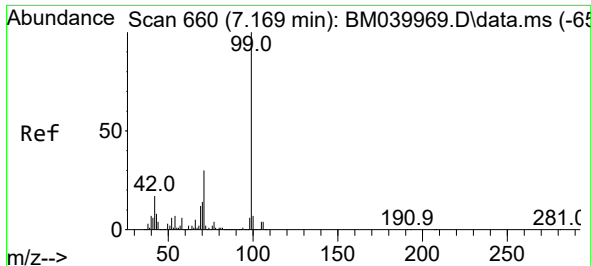
Tgt Ion:112 Resp: 2819016
Ion Ratio Lower Upper
112 100
64 50.6 43.0 64.4
63 26.9 22.9 34.3



#6
Aniline
Concen: 36.314 ng
RT: 7.316 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion: 93 Resp: 1154287
Ion Ratio Lower Upper
93 100
66 35.7 29.2 43.8
65 18.5 15.3 22.9



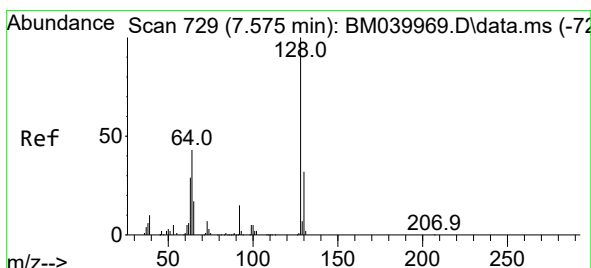
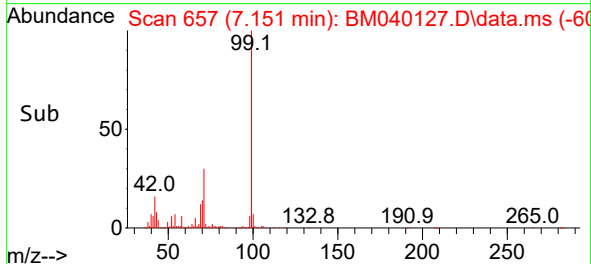
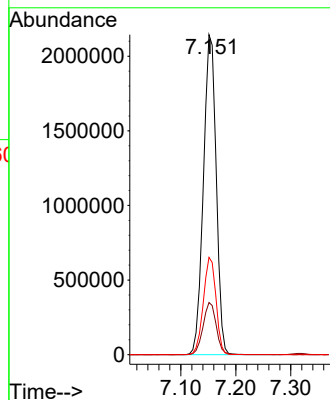
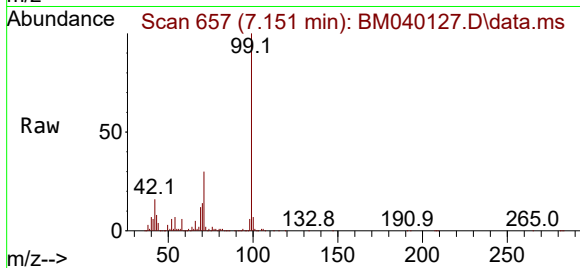


#7
Phenol-d6
Concen: 134.907 ng
RT: 7.151 min Scan# 610
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Instrument :
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ClientSampleId :
TP-18-0AMSD

Tgt Ion: 99 Resp: 3465571

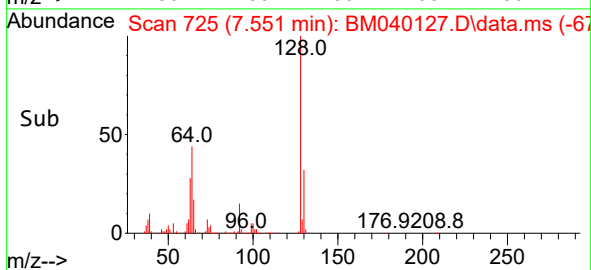
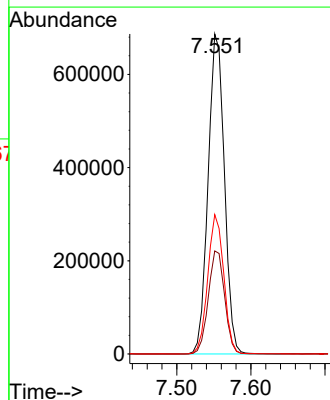
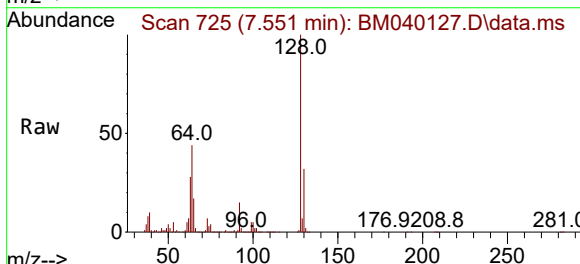
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.8	20.6
71	30.4	24.4	36.6

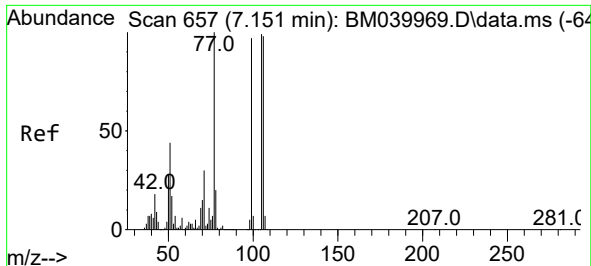


#8
2-Chlorophenol
Concen: 50.594 ng
RT: 7.551 min Scan# 725
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:128 Resp: 1048763

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	43.5	25.5	65.5

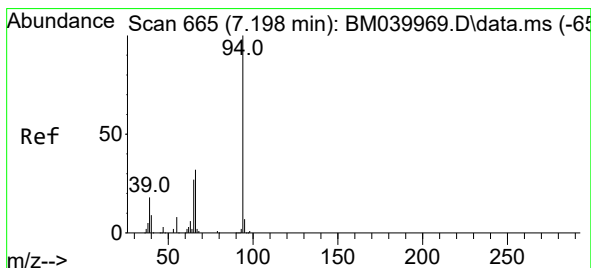
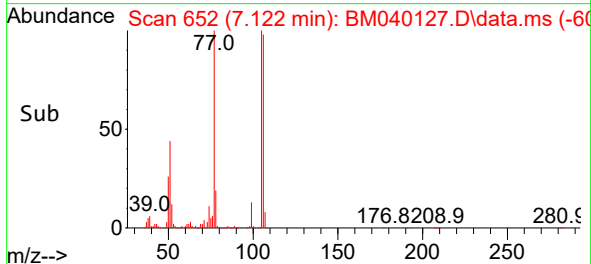
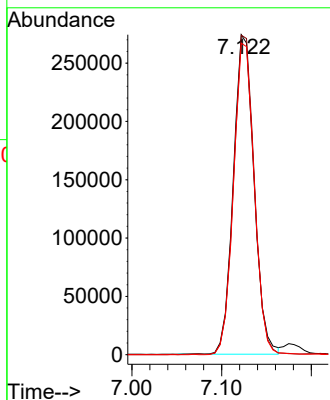
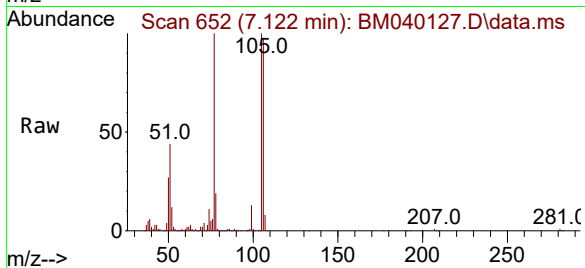




#9
Benzaldehyde
Concen: 35.365 ng
RT: 7.122 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

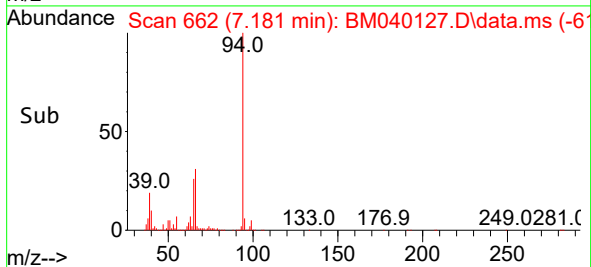
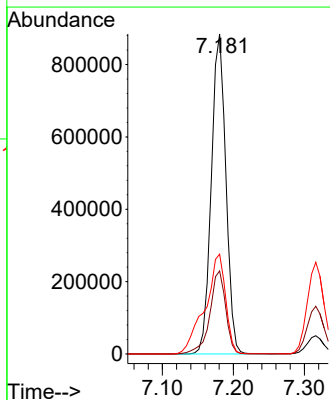
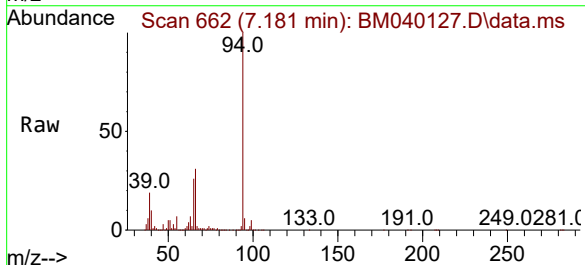
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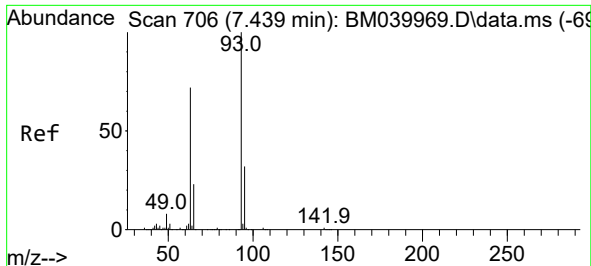
Tgt Ion: 77 Resp: 439169
Ion Ratio Lower Upper
77 100
105 99.8 79.2 119.2
106 97.4 77.6 117.6



#10
Phenol
Concen: 48.910 ng
RT: 7.181 min Scan# 662
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion: 94 Resp: 1259422
Ion Ratio Lower Upper
94 100
65 25.9 6.7 46.7
66 31.2 12.4 52.4

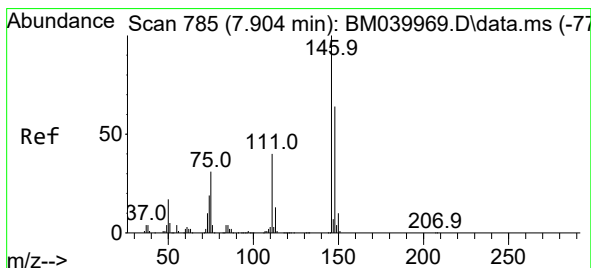
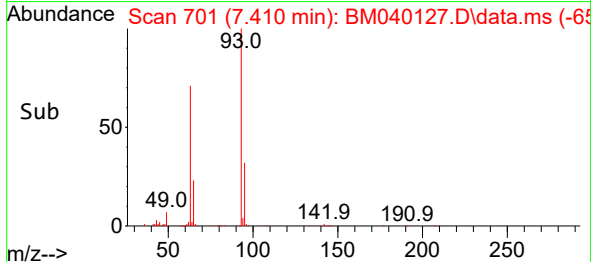
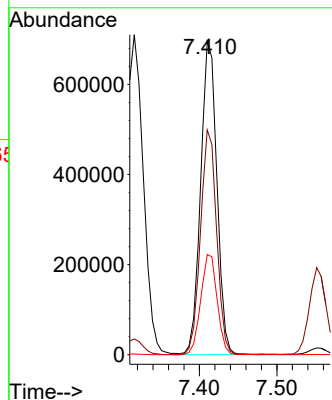
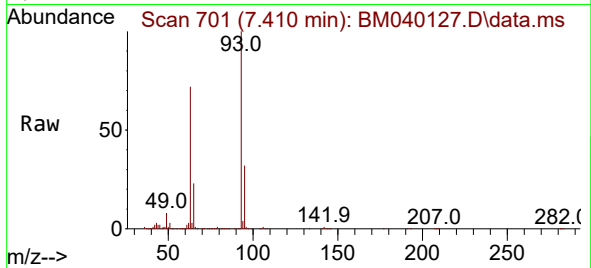




#11
bis(2-Chloroethyl)ether
Concen: 47.767 ng
RT: 7.410 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

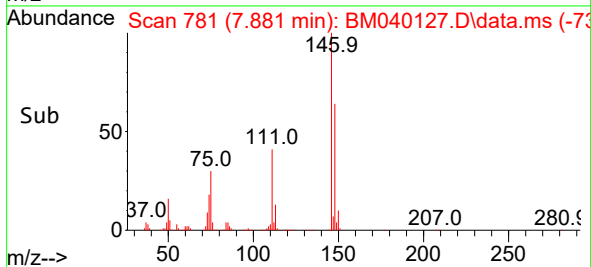
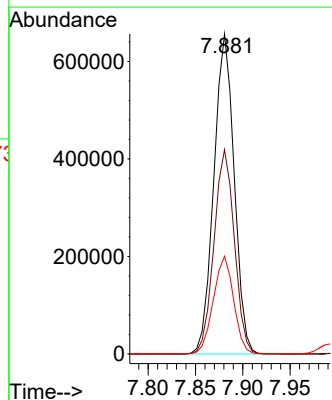
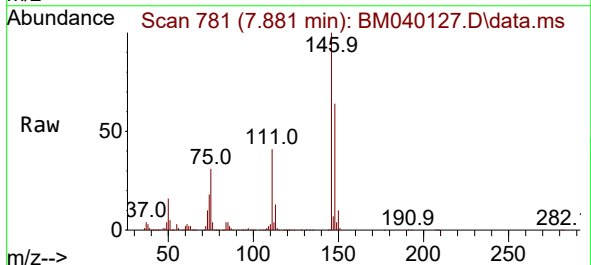
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

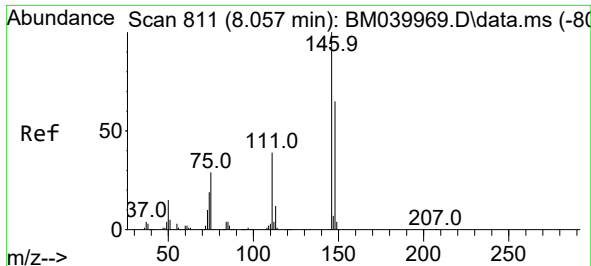
Tgt Ion: 93 Resp: 1013092
Ion Ratio Lower Upper
93 100
63 71.7 52.0 92.0
95 32.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 44.702 ng
RT: 7.881 min Scan# 781
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:146 Resp: 981265
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
75 30.6 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 45.341 ng

RT: 8.028 min Scan# 80

Delta R.T. -0.006 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

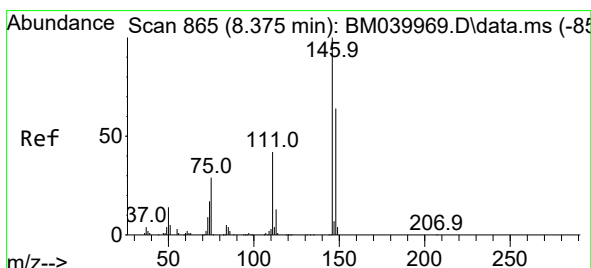
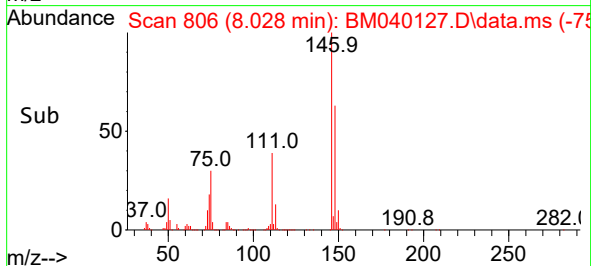
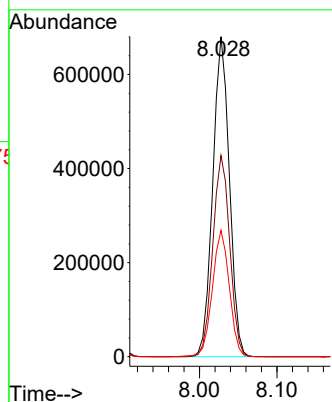
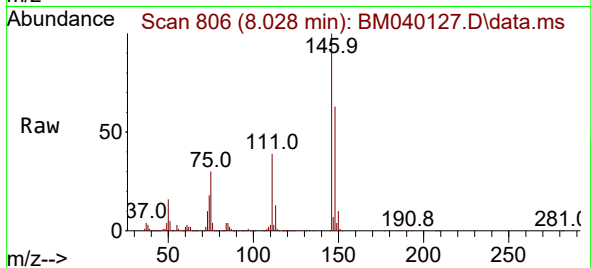
Tgt Ion:146 Resp: 1012648

Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.8

111 39.4 31.4 47.0



#14

1,2-Dichlorobenzene

Concen: 45.183 ng

RT: 8.345 min Scan# 860

Delta R.T. -0.006 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

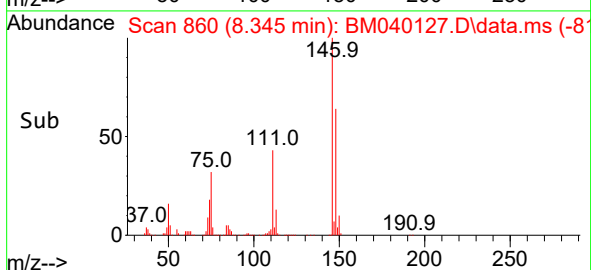
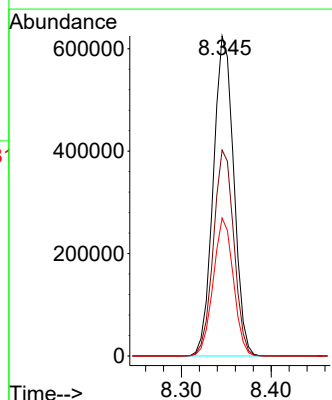
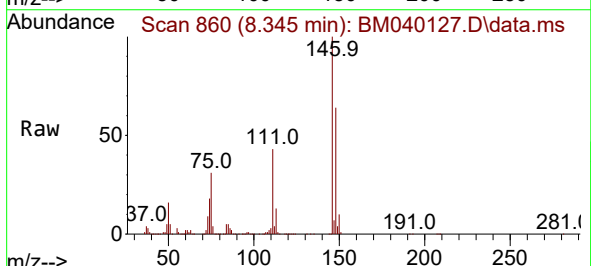
Tgt Ion:146 Resp: 989505

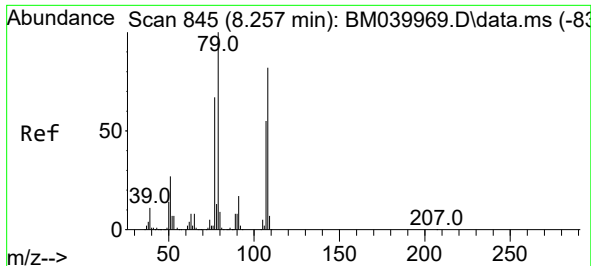
Ion Ratio Lower Upper

146 100

148 64.3 51.2 76.8

111 43.1 33.5 50.3

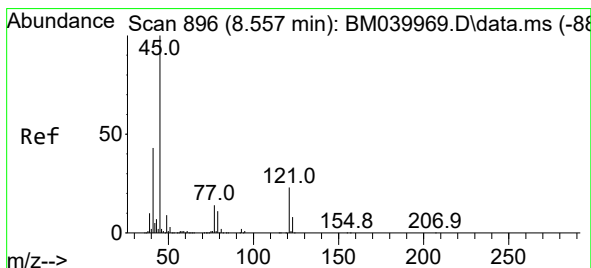
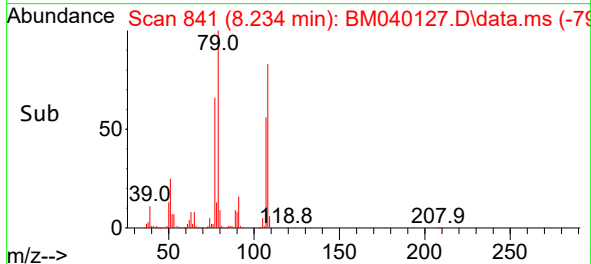
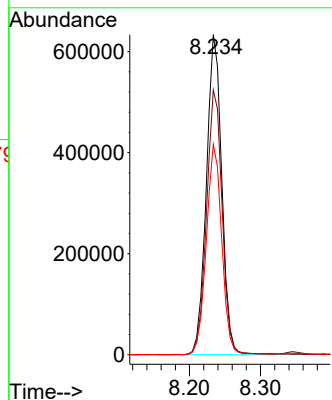
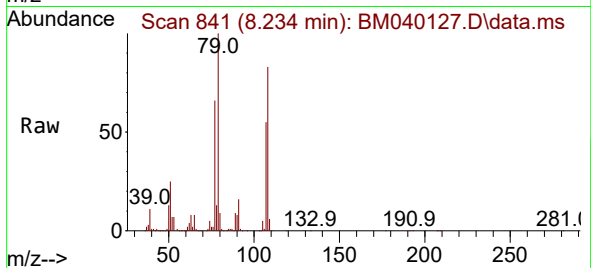




#15
Benzyl Alcohol
Concen: 57.802 ng
RT: 8.234 min Scan# 845
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

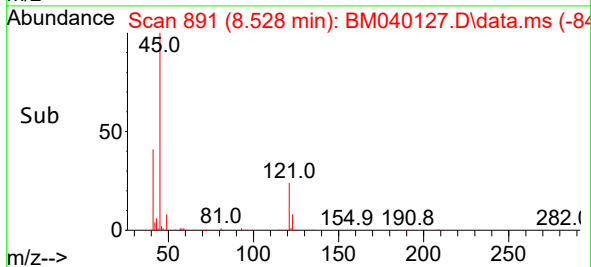
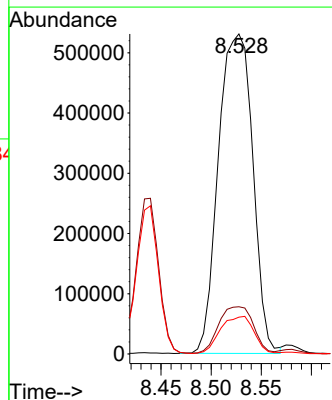
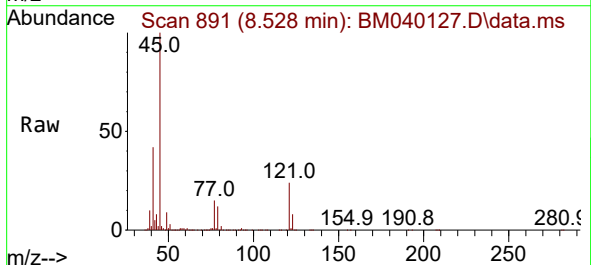
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

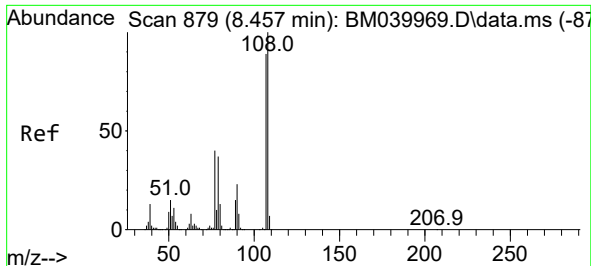
Tgt Ion: 79 Resp: 957145
Ion Ratio Lower Upper
79 100
108 82.7 65.4 98.2
77 65.7 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.522 ng
RT: 8.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion: 45 Resp: 1265694
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.7
79 11.5 0.0 31.3

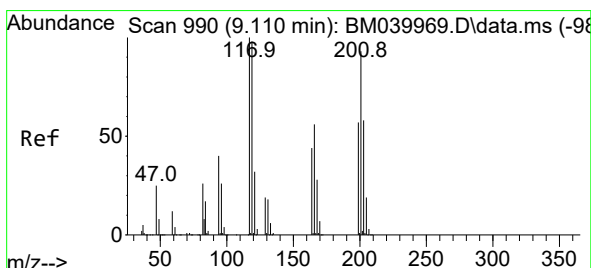
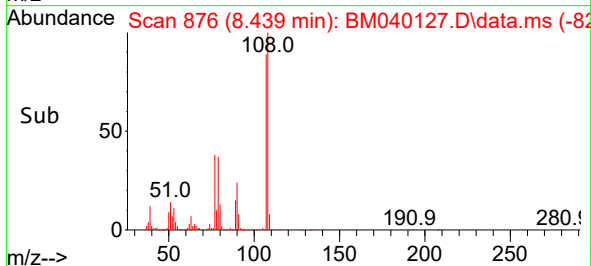
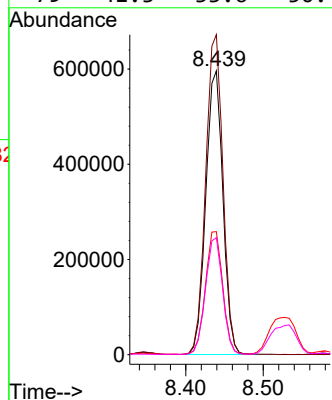
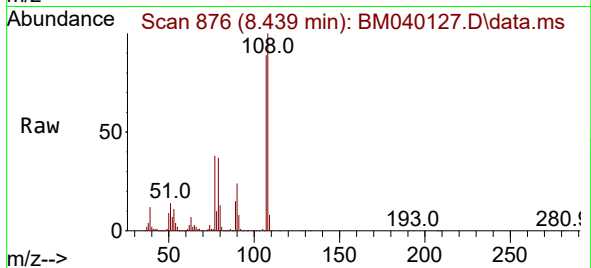




#17
2-Methylphenol
Concen: 49.692 ng
RT: 8.439 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

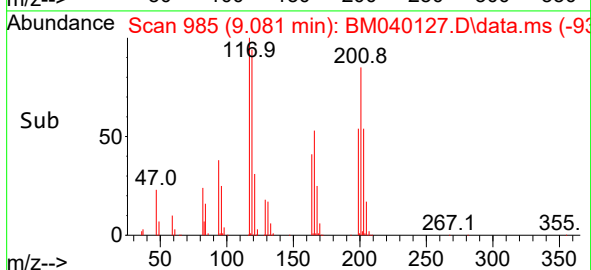
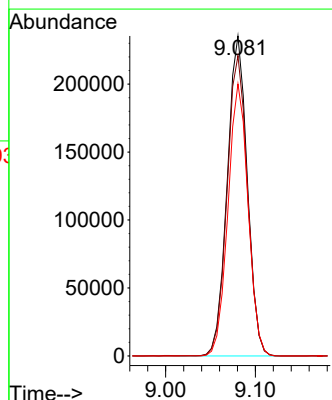
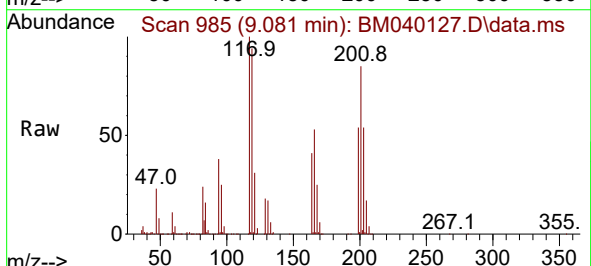
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

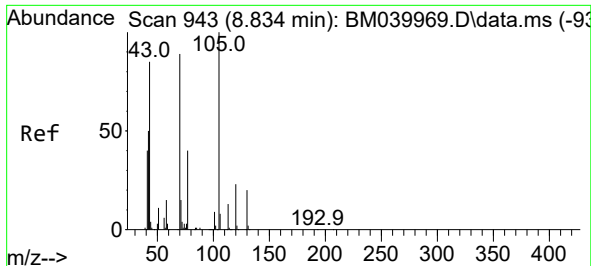
Tgt Ion:107 Resp: 915462
Ion Ratio Lower Upper
107 100
108 112.8 89.8 134.8
77 43.4 35.6 53.4
79 41.3 33.6 50.4



#18
Hexachloroethane
Concen: 45.154 ng
RT: 9.081 min Scan# 985
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:117 Resp: 365612
Ion Ratio Lower Upper
117 100
119 93.8 78.8 118.2
201 85.0 74.3 111.5

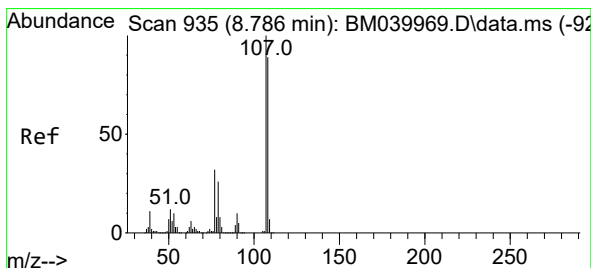
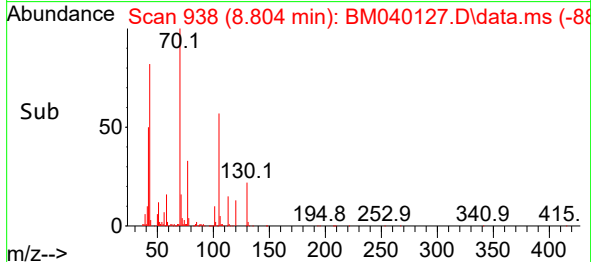
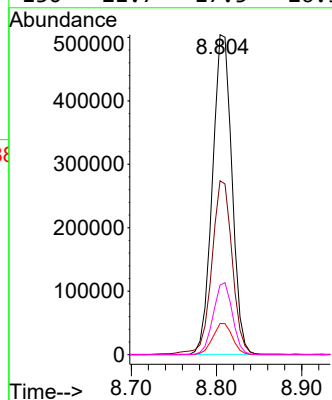
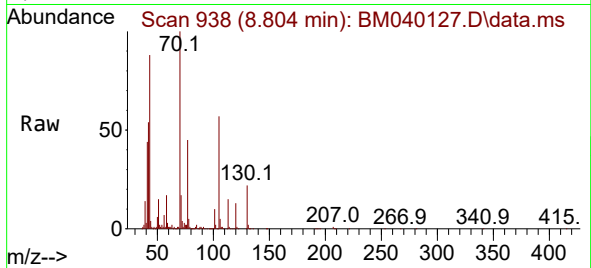




#19
n-Nitroso-di-n-propylamine
Concen: 53.795 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

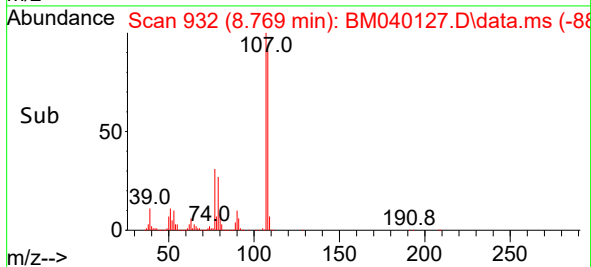
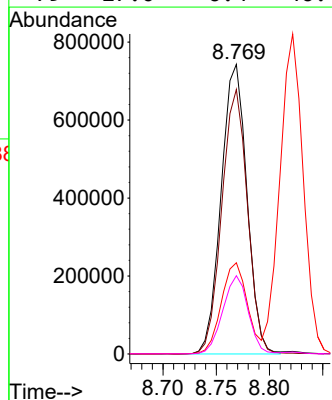
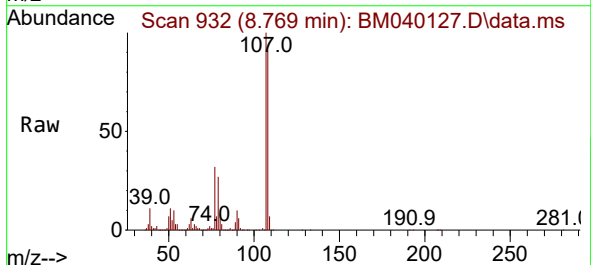
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

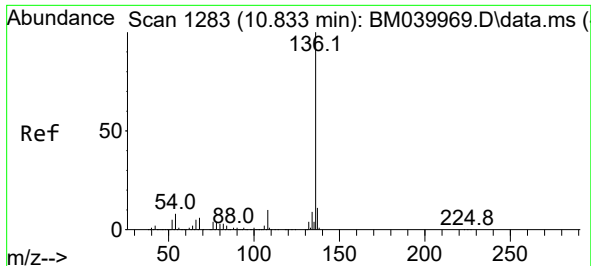
Tgt Ion: 70 Resp: 800401
Ion Ratio Lower Upper
70 100
42 54.4 45.6 68.4
101 9.7 7.7 11.5
130 21.7 17.5 26.3



#20
3+4-Methylphenols
Concen: 51.463 ng
RT: 8.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion: 107 Resp: 1251090
Ion Ratio Lower Upper
107 100
108 91.3 69.3 109.3
77 31.5 11.7 51.7
79 27.0 6.4 46.4

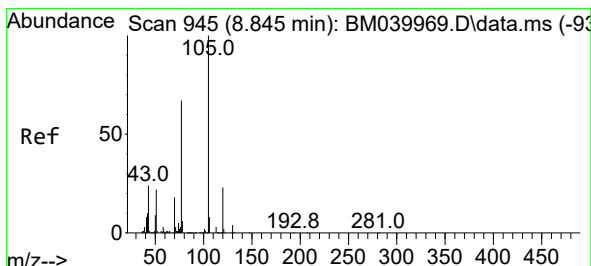
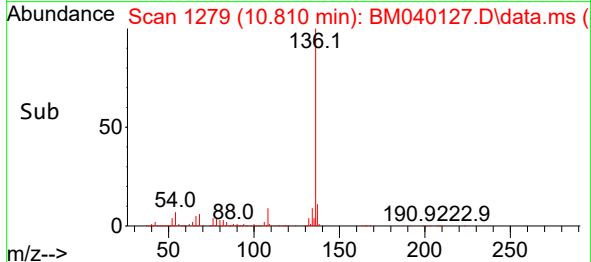
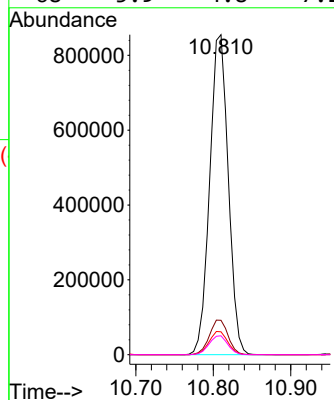
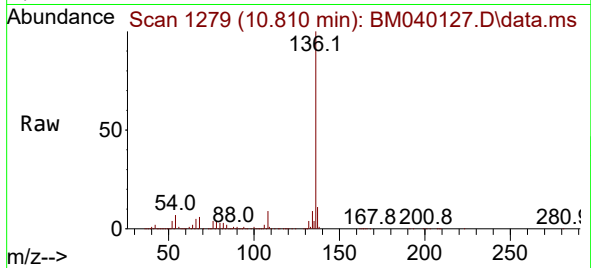




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.810 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

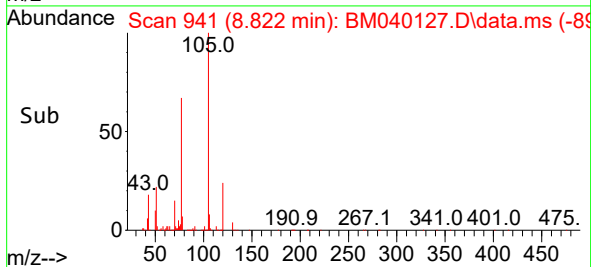
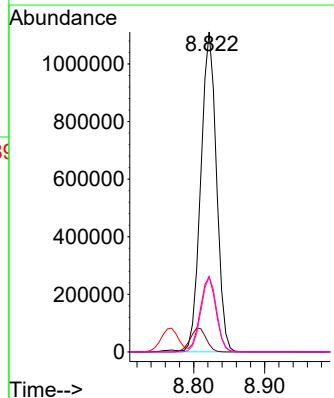
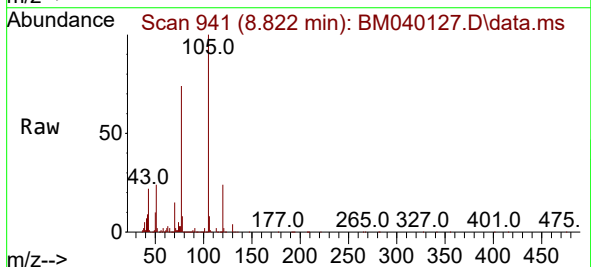
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

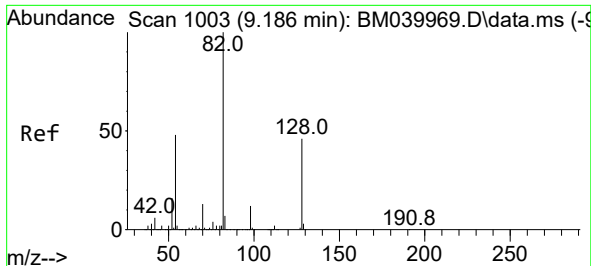
Tgt Ion:136 Resp: 1423065
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.1 6.1 9.1
68 5.9 4.8 7.2



#22
Acetophenone
Concen: 44.356 ng
RT: 8.822 min Scan# 941
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:105 Resp: 1703709
Ion Ratio Lower Upper
105 100
71 2.4 2.2 3.4
51 23.5 19.8 29.8
120 23.6 18.6 28.0

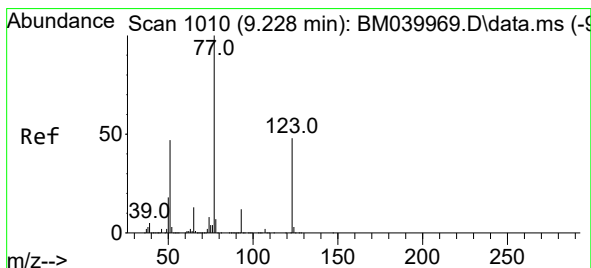
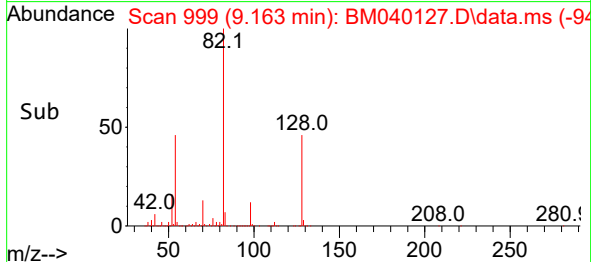
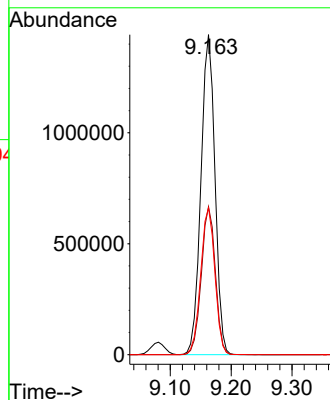
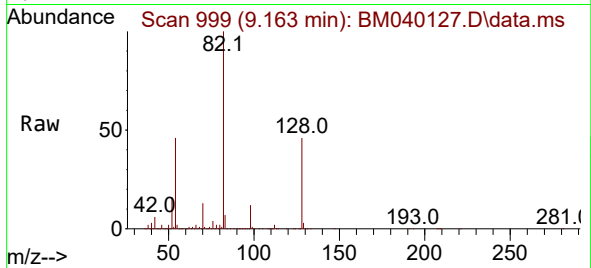




#23
Nitrobenzene-d5
Concen: 87.674 ng
RT: 9.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

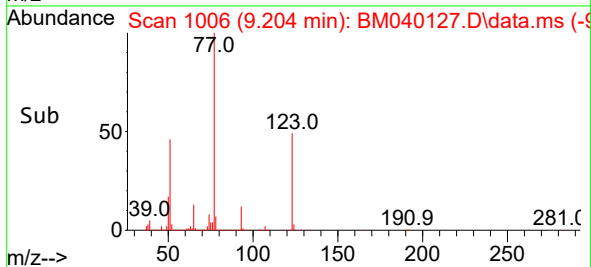
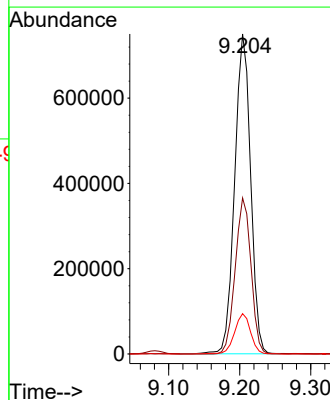
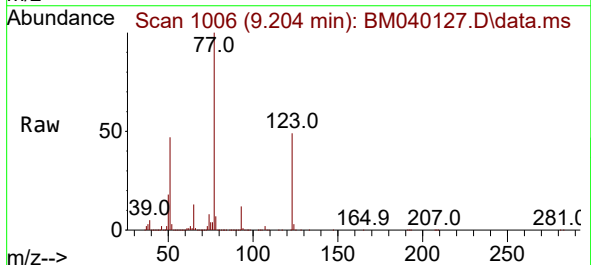
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

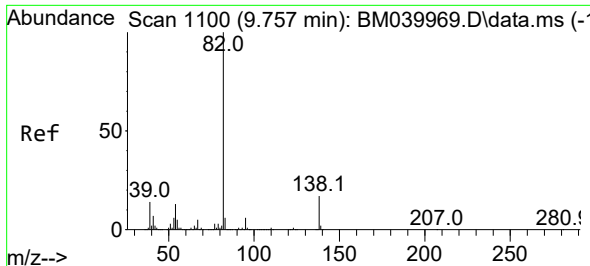
Tgt Ion: 82 Resp: 2312178
Ion Ratio Lower Upper
82 100
128 46.2 36.5 54.7
54 45.9 38.3 57.5



#24
Nitrobenzene
Concen: 43.762 ng
RT: 9.204 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion: 77 Resp: 1170676
Ion Ratio Lower Upper
77 100
123 48.7 38.1 57.1
65 12.6 10.1 15.1

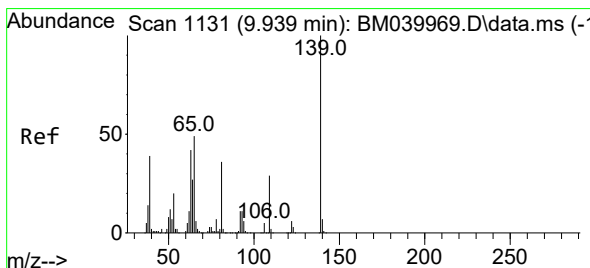
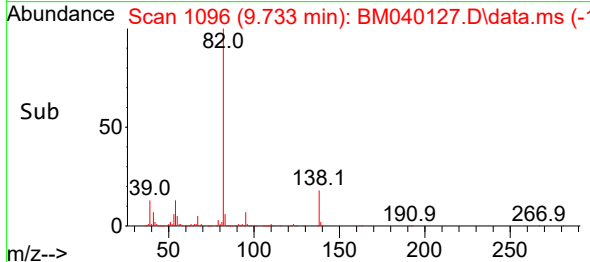
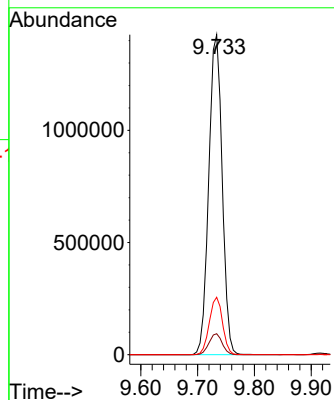
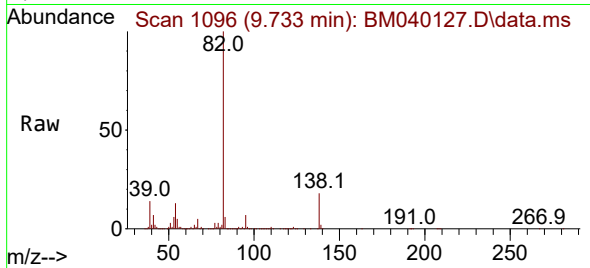




#25
Isophorone
Concen: 48.340 ng
RT: 9.733 min Scan# 1096
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

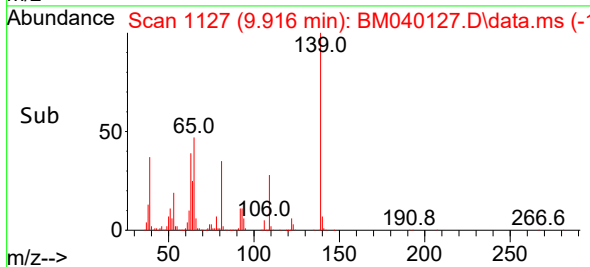
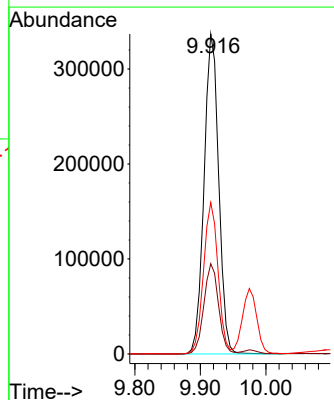
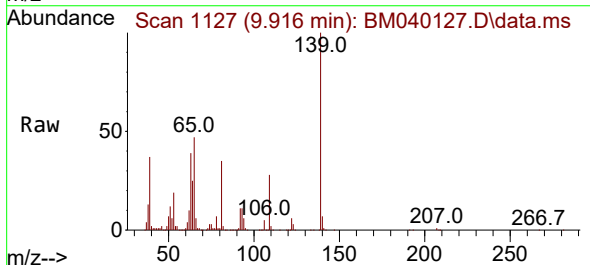
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

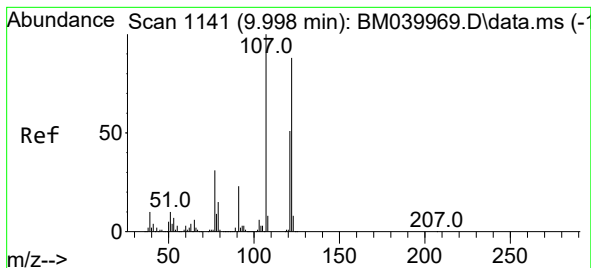
Tgt Ion: 82 Resp: 2324891
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 18.0 13.8 20.8



#26
2-Nitrophenol
Concen: 55.461 ng
RT: 9.916 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion: 139 Resp: 524991
Ion Ratio Lower Upper
139 100
109 28.2 23.4 35.2
65 47.3 39.4 59.2

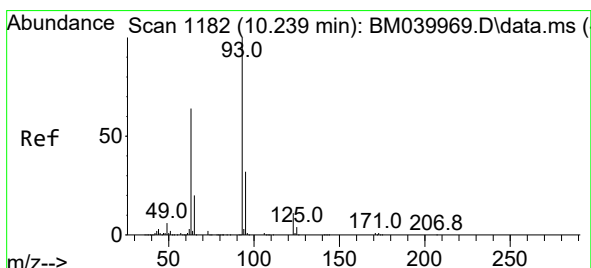
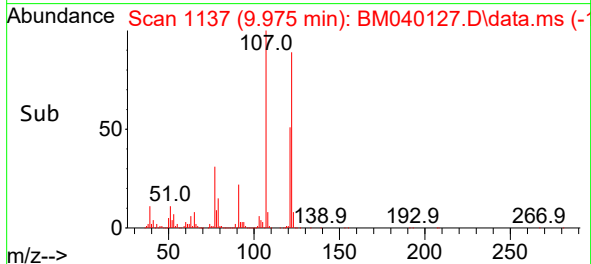
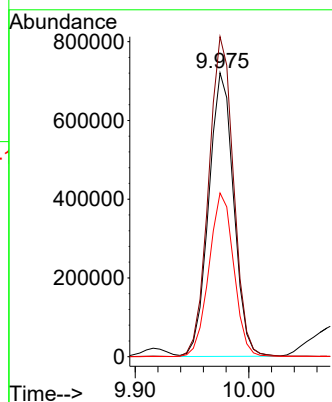
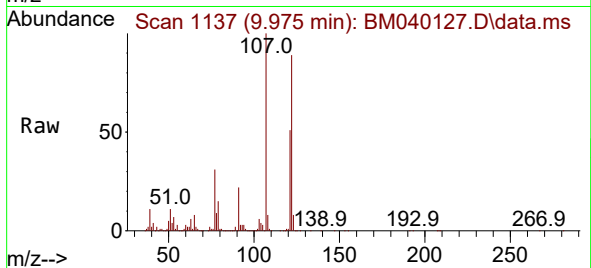




#27
2,4-Dimethylphenol
Concen: 50.852 ng
RT: 9.975 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

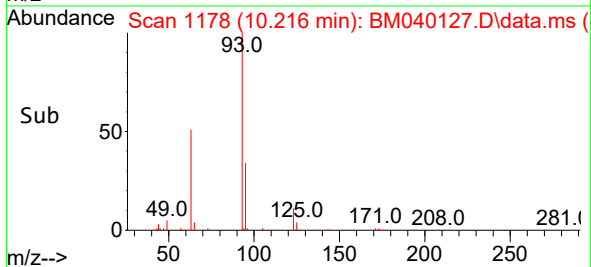
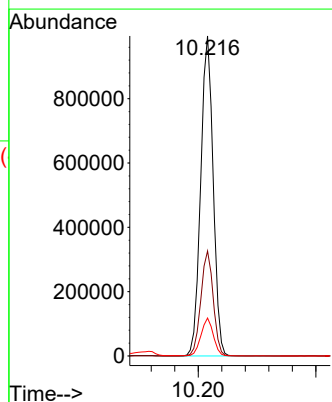
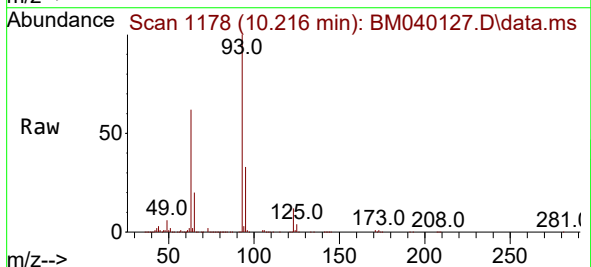
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

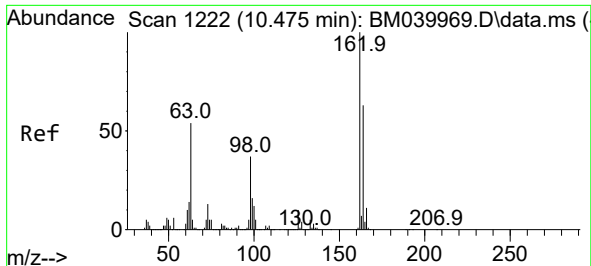
Tgt Ion:122 Resp: 1096375
Ion Ratio Lower Upper
122 100
107 112.7 91.0 136.4
121 57.6 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 46.364 ng
RT: 10.216 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion: 93 Resp: 1461942
Ion Ratio Lower Upper
93 100
95 32.8 25.7 38.5
123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.220 ng

RT: 10.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

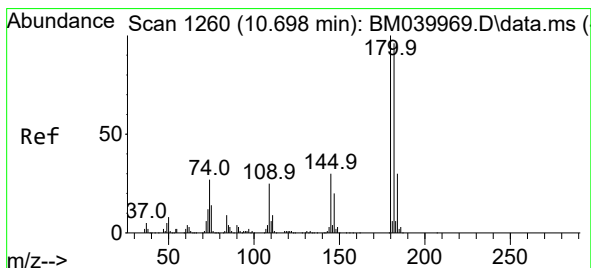
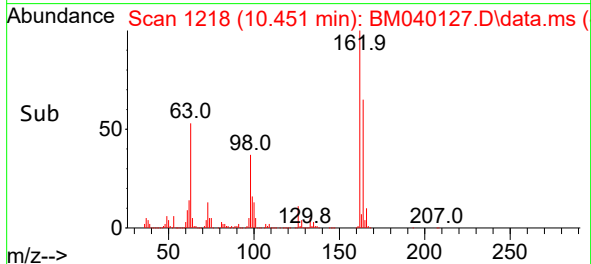
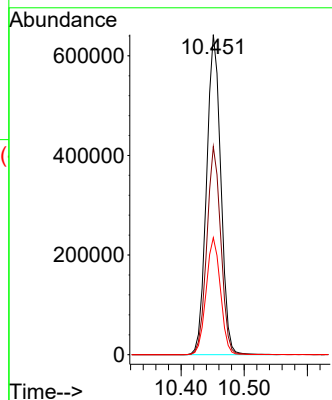
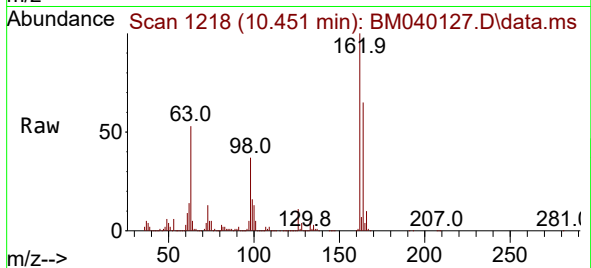
Tgt Ion:162 Resp: 1005414

Ion Ratio Lower Upper

162 100

164 65.0 43.3 83.3

98 36.6 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 41.290 ng

RT: 10.669 min Scan# 1255

Delta R.T. -0.006 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

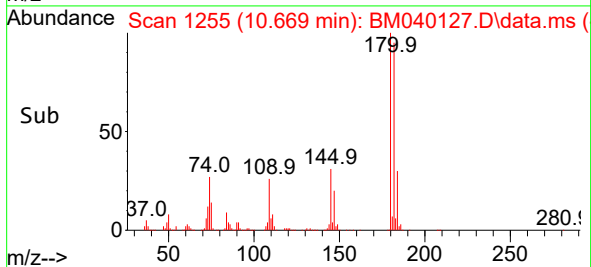
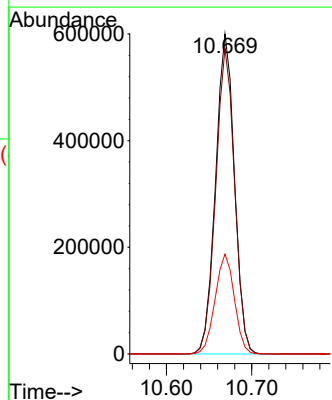
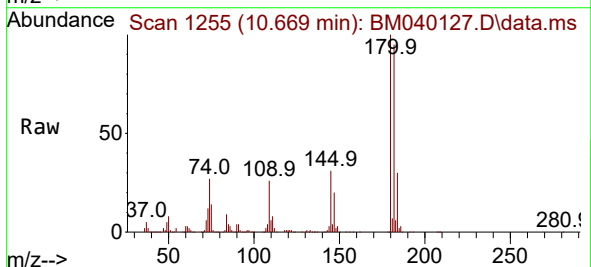
Tgt Ion:180 Resp: 923367

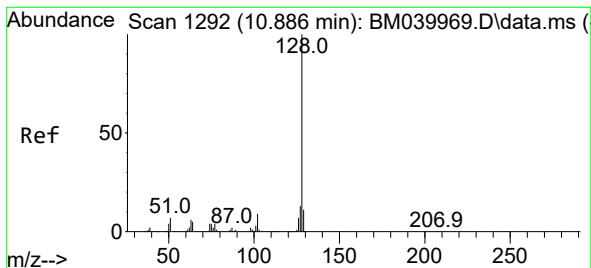
Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

145 31.2 24.1 36.1





#31

Naphthalene

Concen: 42.527 ng

RT: 10.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

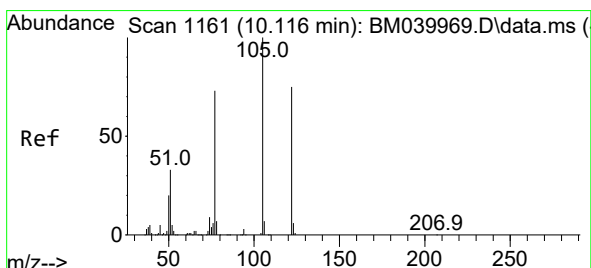
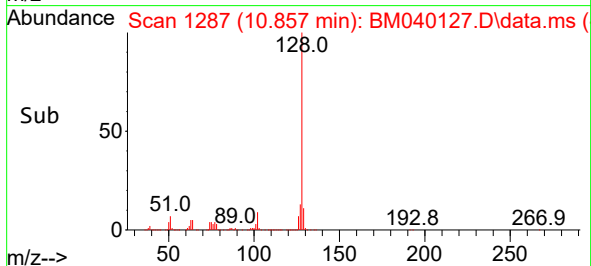
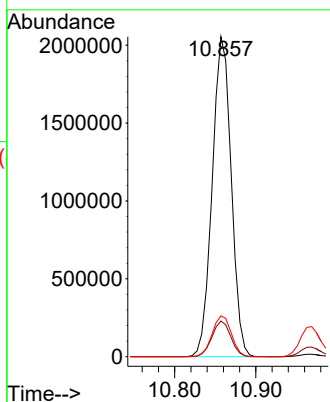
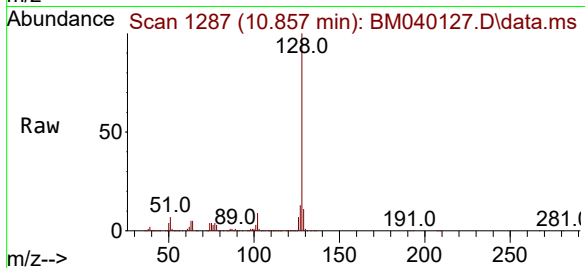
Tgt Ion:128 Resp: 3339170

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 12.8 10.4 15.6



#32

Benzoic acid

Concen: 42.224 ng

RT: 10.116 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

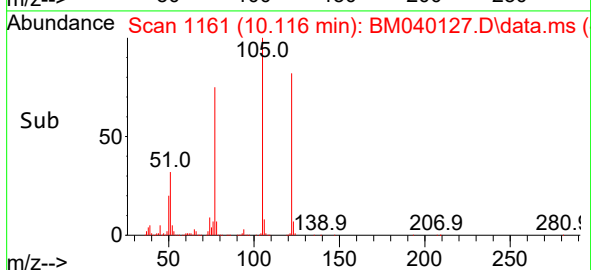
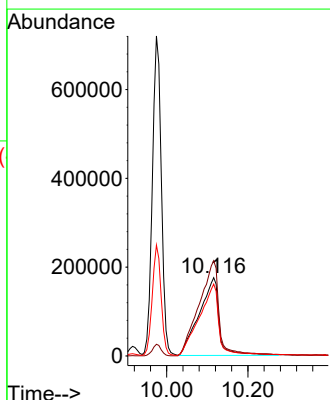
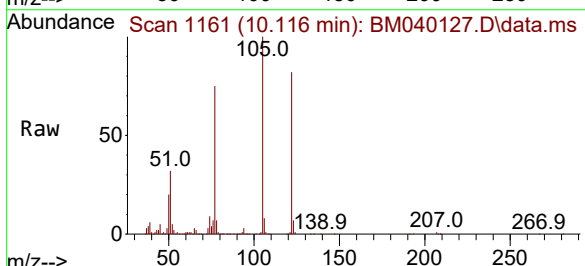
Tgt Ion:122 Resp: 597219

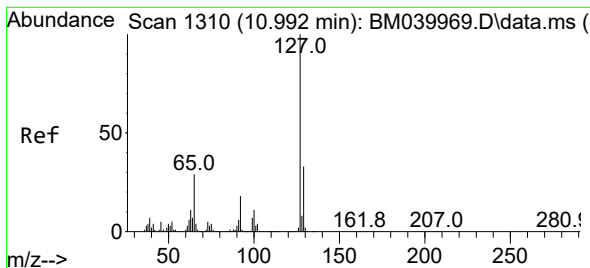
Ion Ratio Lower Upper

122 100

105 121.8 106.0 146.0

77 91.8 74.7 114.7





#33

4-Chloroaniline

Concen: 10.755 ng

RT: 10.969 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

Tgt Ion:127 Resp: 355854

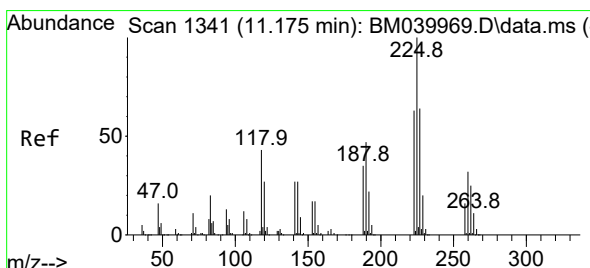
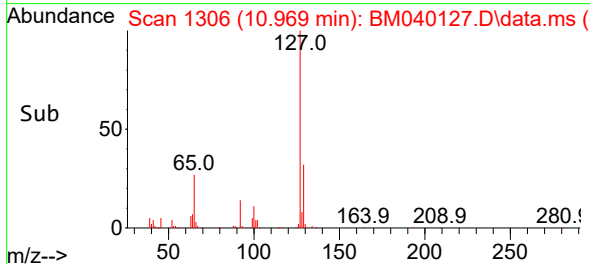
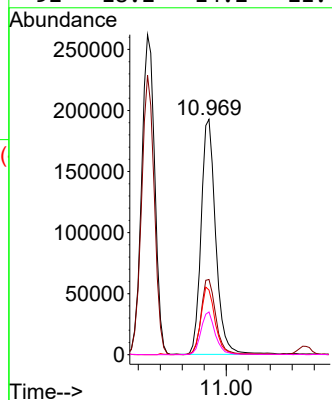
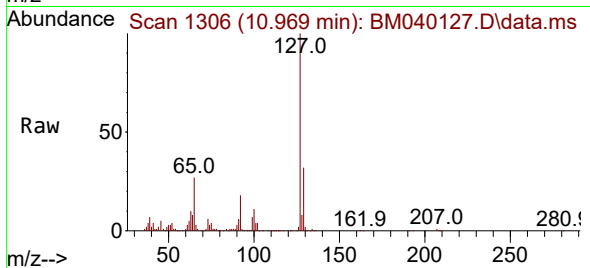
Ion Ratio Lower Upper

127 100

129 32.0 26.2 39.2

65 27.5 23.1 34.7

92 18.2 14.2 21.4



#34

Hexachlorobutadiene

Concen: 36.369 ng

RT: 11.145 min Scan# 1336

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

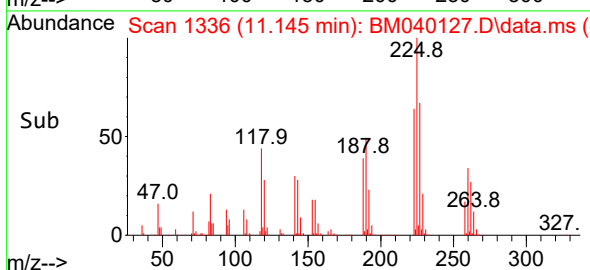
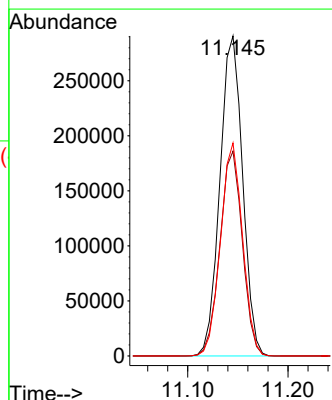
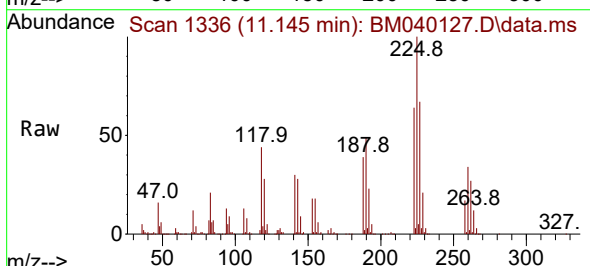
Tgt Ion:225 Resp: 456516

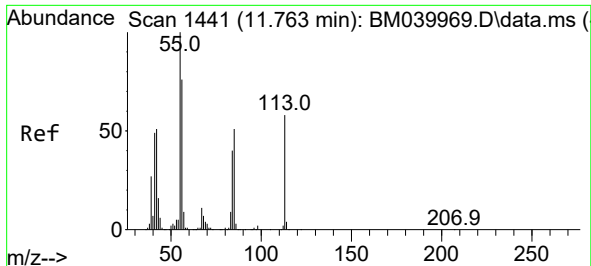
Ion Ratio Lower Upper

225 100

223 64.0 50.3 75.5

227 66.6 51.0 76.4

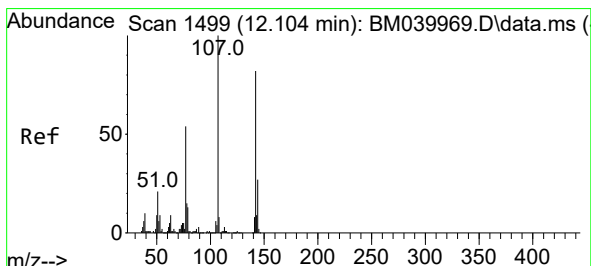
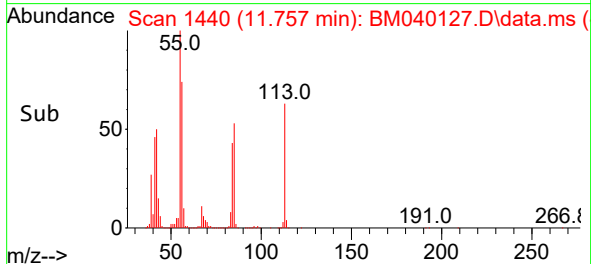
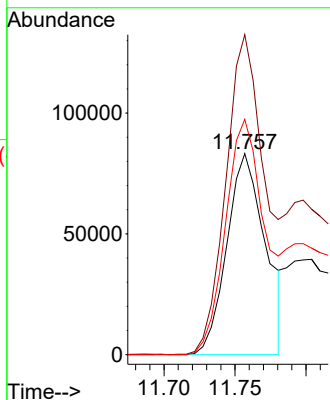
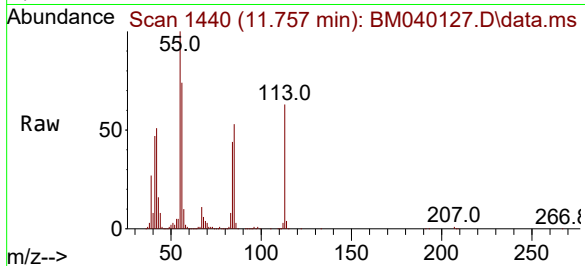




#35
Caprolactam
Concen: 27.117 ng
RT: 11.757 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

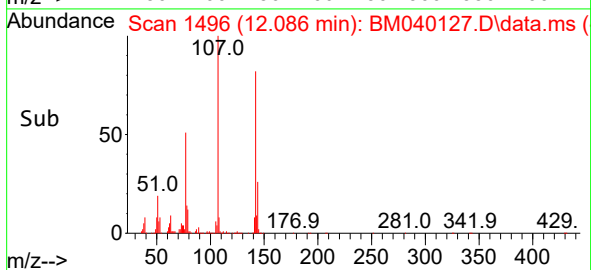
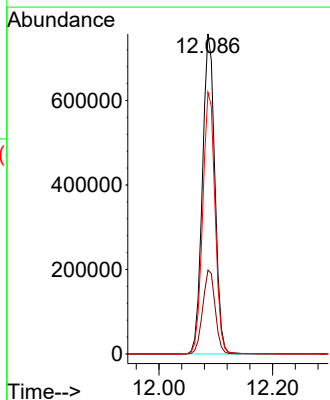
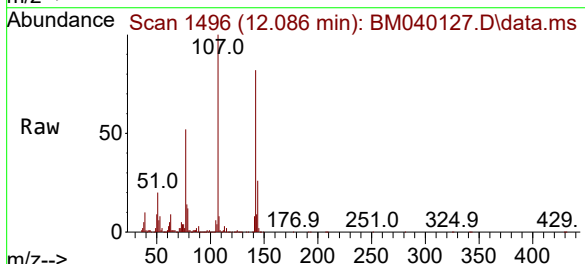
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

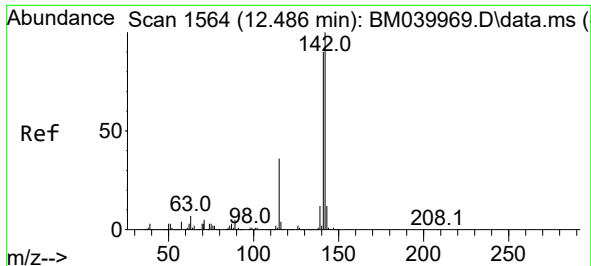
Tgt Ion:113 Resp: 156417
Ion Ratio Lower Upper
113 100
55 159.1 152.5 192.5
56 117.0 111.2 151.2



#36
4-Chloro-3-methylphenol
Concen: 54.396 ng
RT: 12.086 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:107 Resp: 1148499
Ion Ratio Lower Upper
107 100
144 26.2 21.4 32.2
142 81.8 65.8 98.6

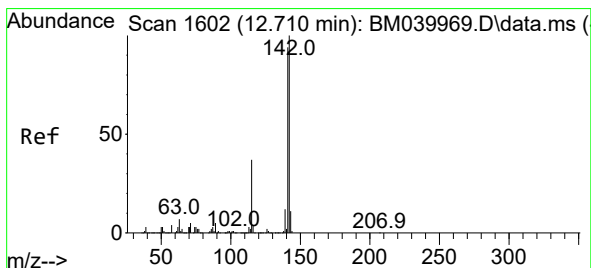
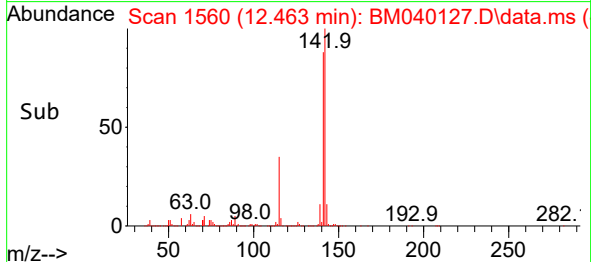
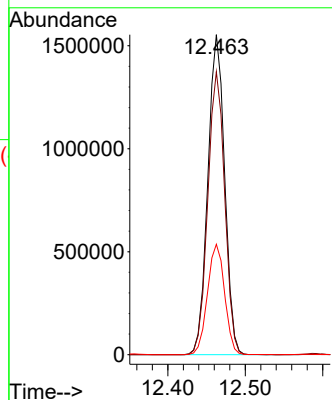
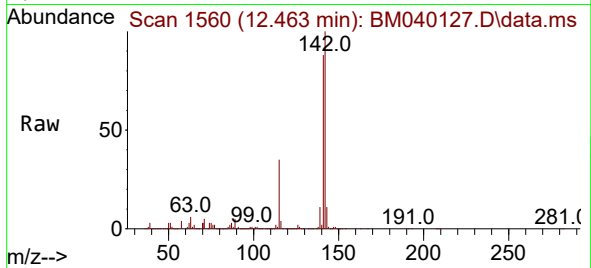




#37
2-Methylnaphthalene
Concen: 44.741 ng
RT: 12.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

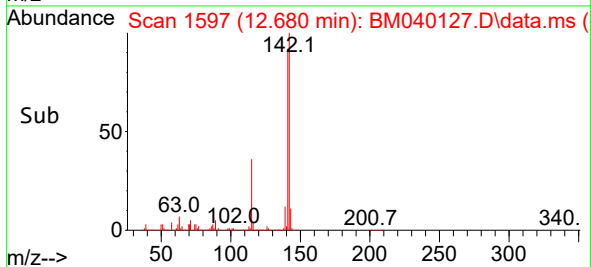
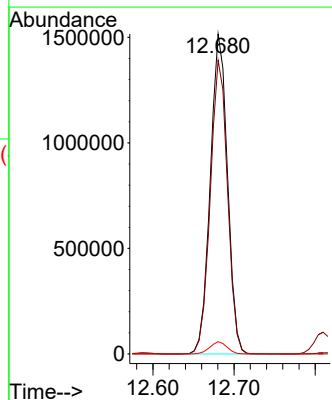
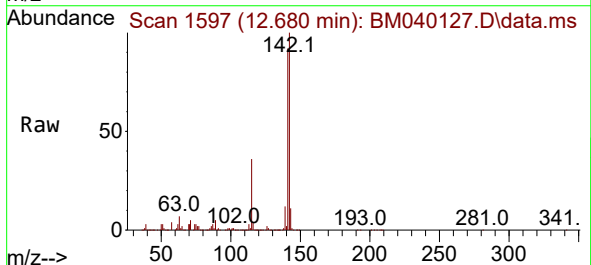
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

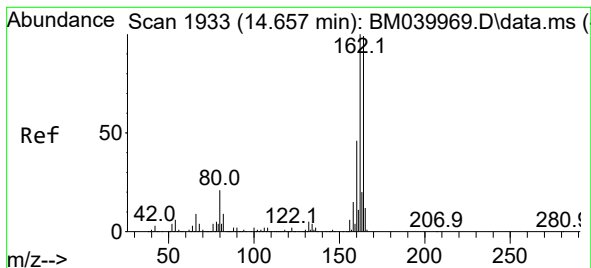
Tgt Ion:142 Resp: 2341595
Ion Ratio Lower Upper
142 100
141 88.4 71.6 107.4
115 34.5 28.8 43.2



#38
1-Methylnaphthalene
Concen: 45.383 ng
RT: 12.680 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:142 Resp: 2223377
Ion Ratio Lower Upper
142 100
141 91.8 75.1 112.7
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.633 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

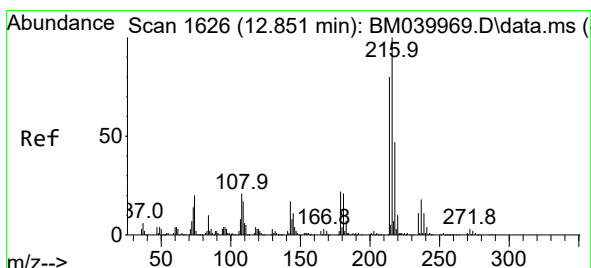
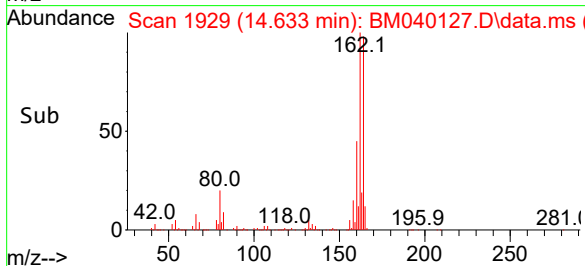
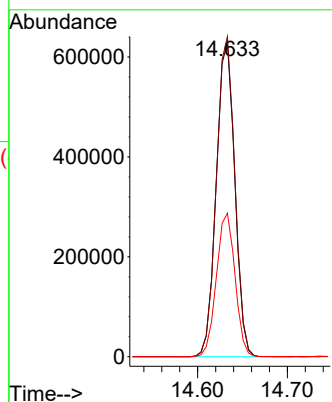
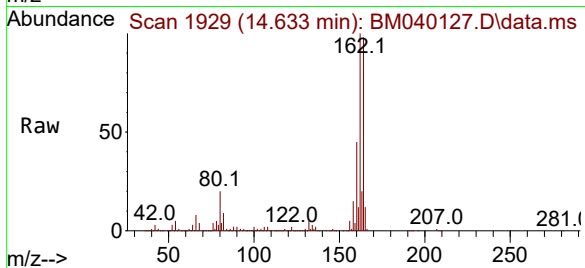
Tgt Ion:164 Resp: 900523

Ion Ratio Lower Upper

164 100

162 101.7 80.6 120.8

160 45.6 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.476 ng

RT: 12.827 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Tgt Ion:216 Resp: 1067393

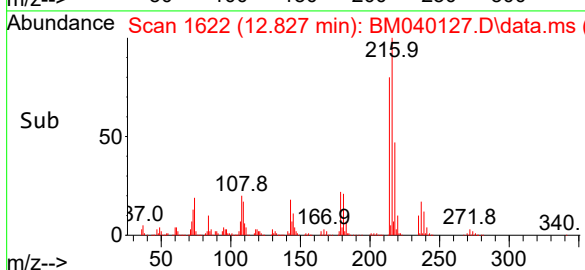
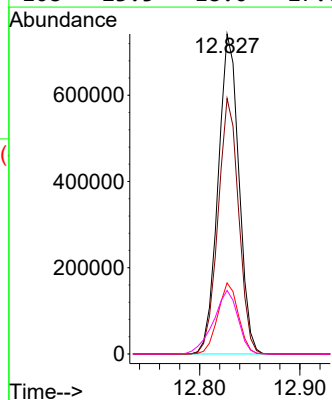
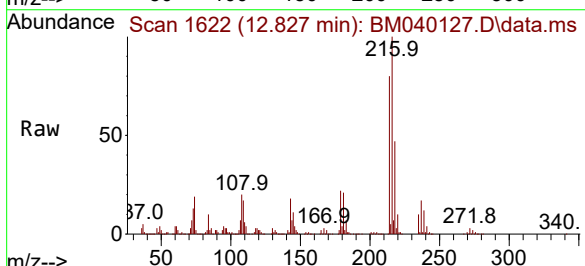
Ion Ratio Lower Upper

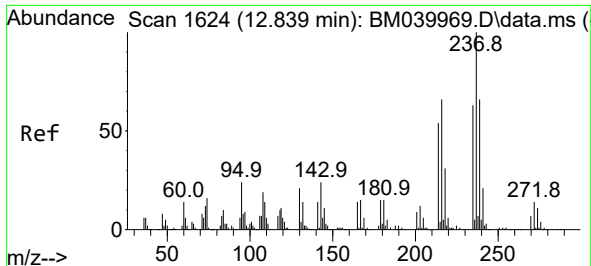
216 100

214 79.0 63.8 95.6

179 22.0 17.4 26.2

108 23.5 18.0 27.0

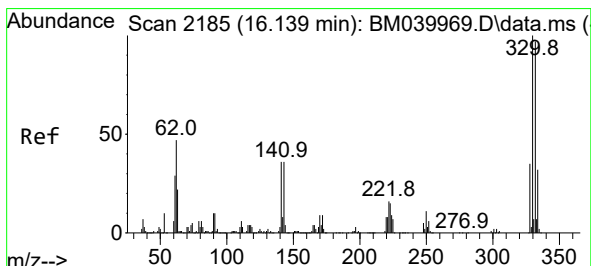
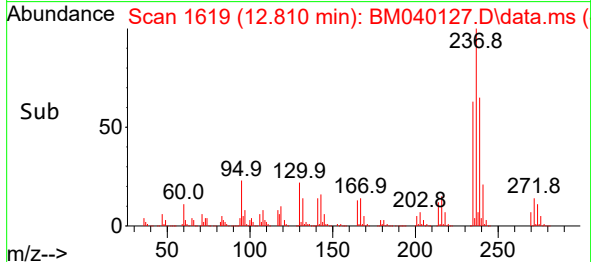
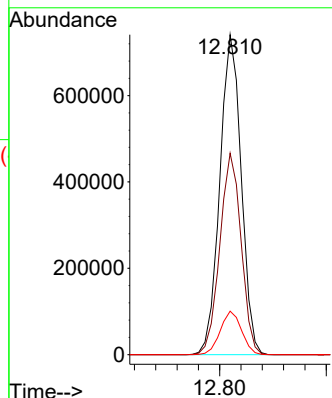
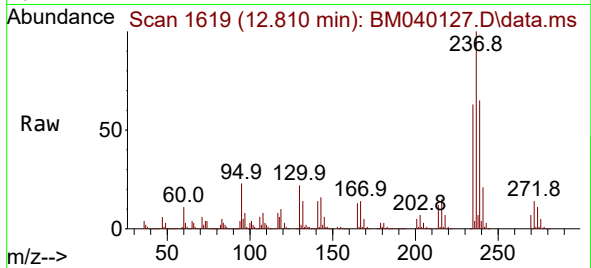




#41
Hexachlorocyclopentadiene
Concen: 69.959 ng
RT: 12.810 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

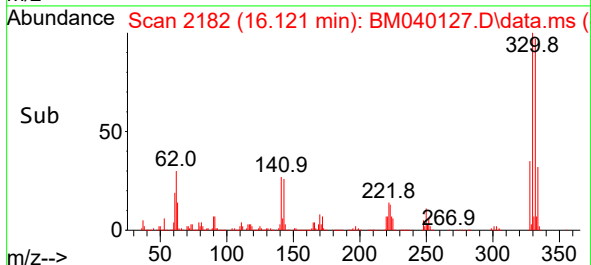
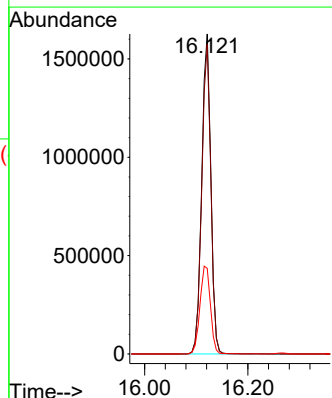
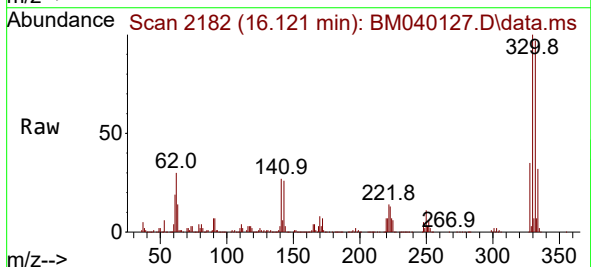
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

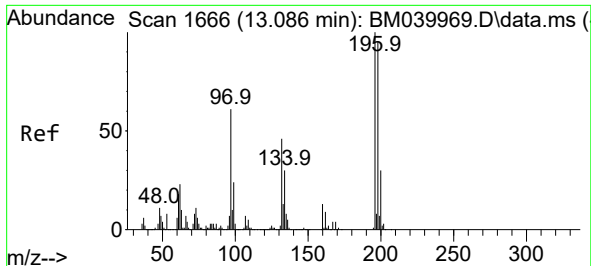
Tgt Ion:237 Resp: 1030788
Ion Ratio Lower Upper
237 100
235 63.0 43.2 83.2
272 13.6 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 170.250 ng
RT: 16.121 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:330 Resp: 1989893
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 31.5 31.6 47.4#

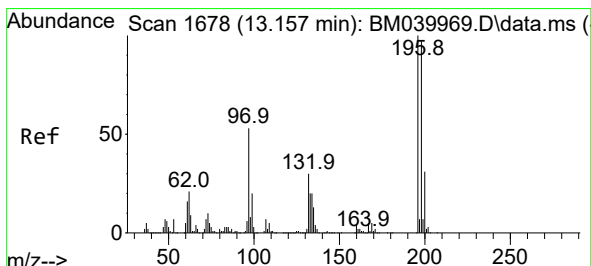
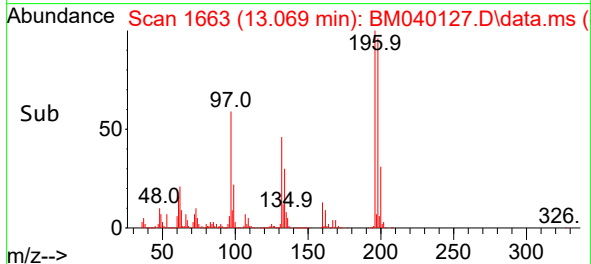
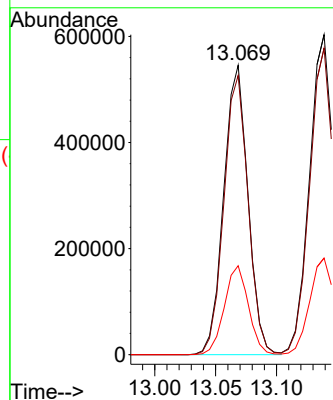
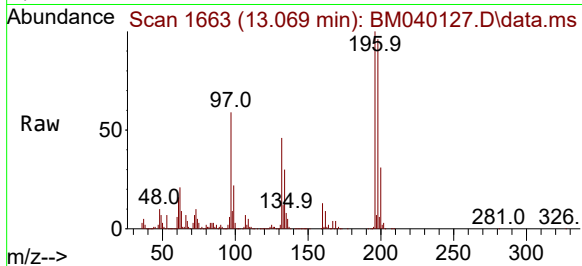




#43
2,4,6-Trichlorophenol
Concen: 43.878 ng
RT: 13.069 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

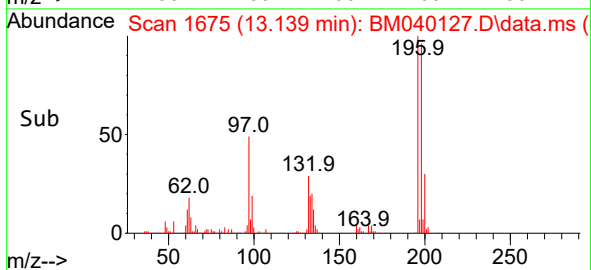
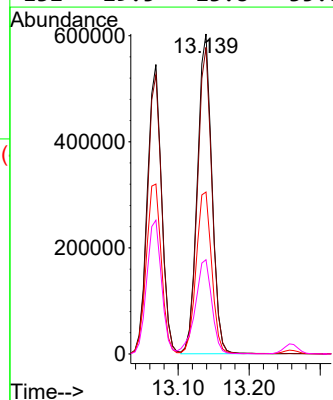
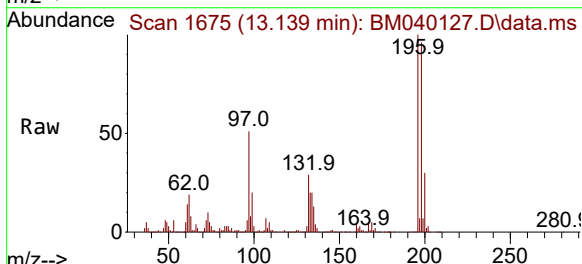
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

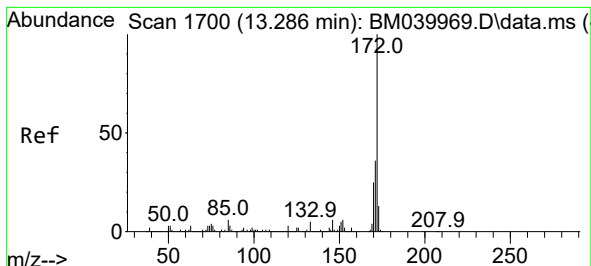
Tgt Ion:196 Resp: 758543
Ion Ratio Lower Upper
196 100
198 96.4 75.7 113.5
200 30.7 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 41.848 ng
RT: 13.139 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:196 Resp: 861092
Ion Ratio Lower Upper
196 100
198 95.8 77.2 115.8
97 50.6 42.2 63.2
132 29.5 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 74.977 ng

RT: 13.263 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

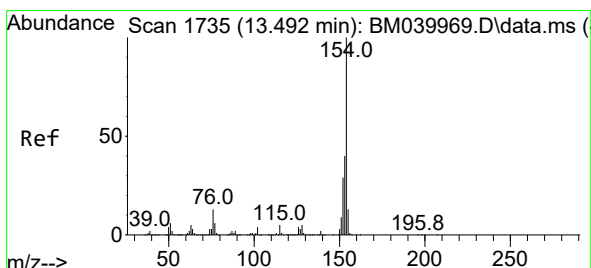
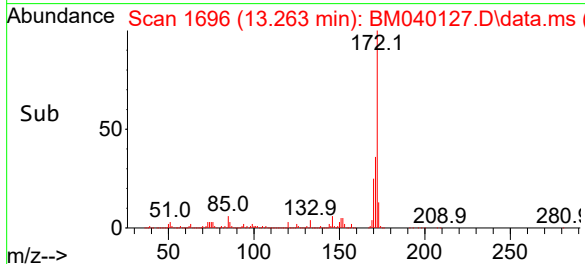
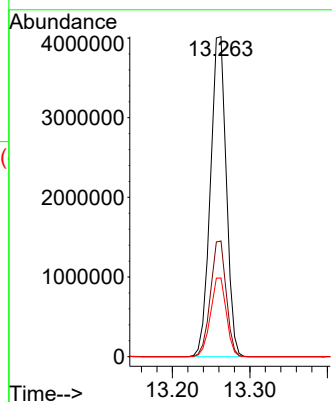
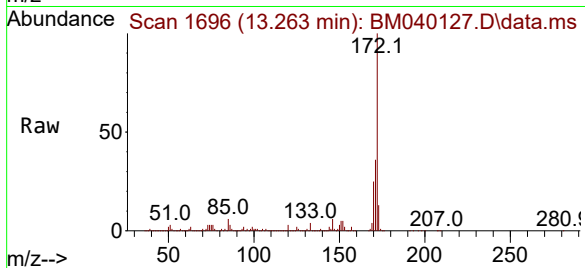
Tgt Ion:172 Resp: 5724380

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.6 19.6 29.4



#46

1,1'-Biphenyl

Concen: 42.828 ng

RT: 13.468 min Scan# 1731

Delta R.T. -0.006 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

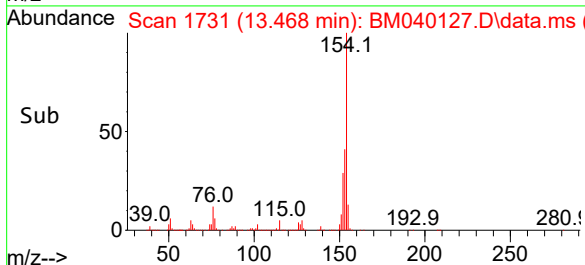
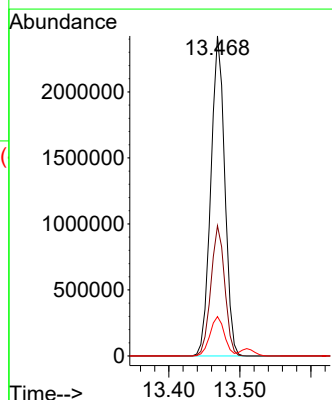
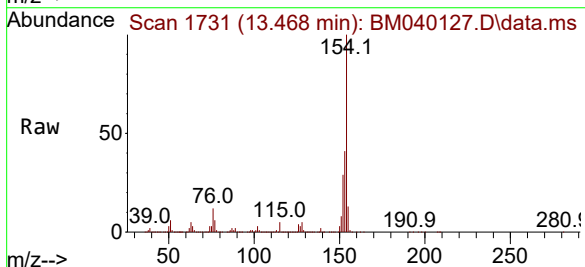
Tgt Ion:154 Resp: 3301955

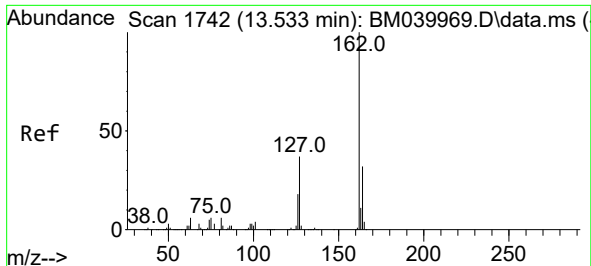
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 12.3 0.0 33.1

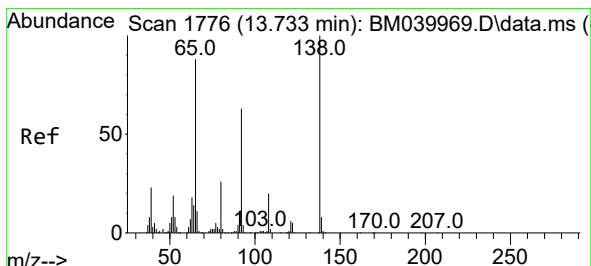
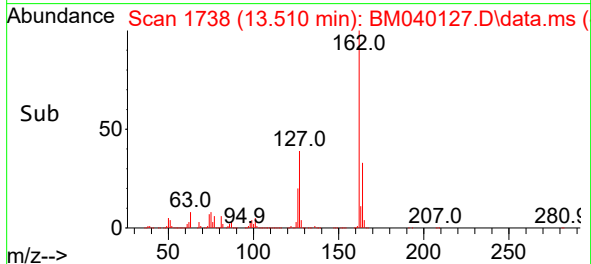
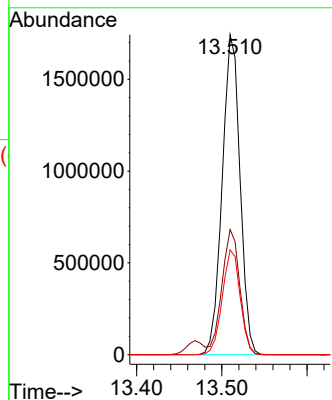
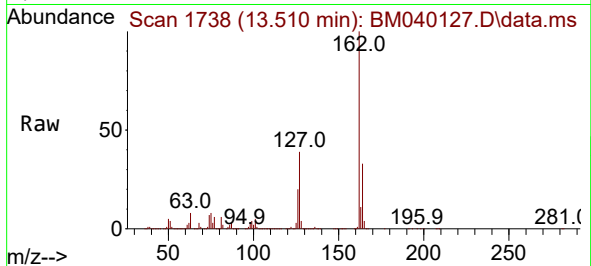




#47
2-Chloronaphthalene
Concen: 44.023 ng
RT: 13.510 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

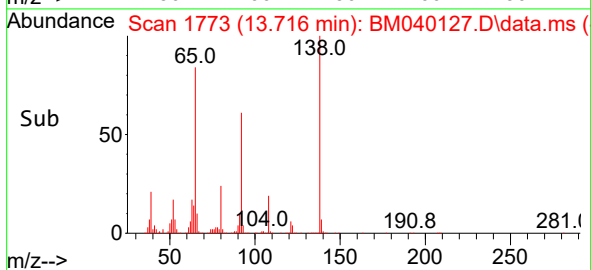
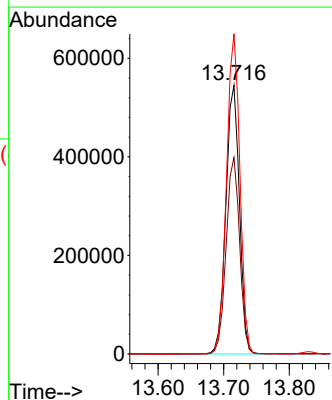
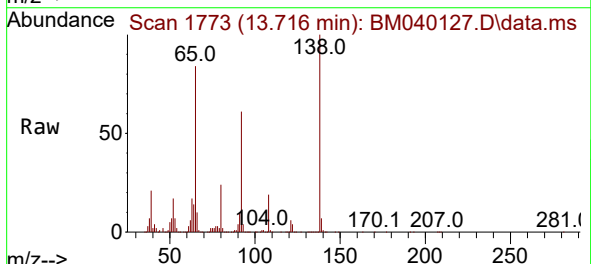
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

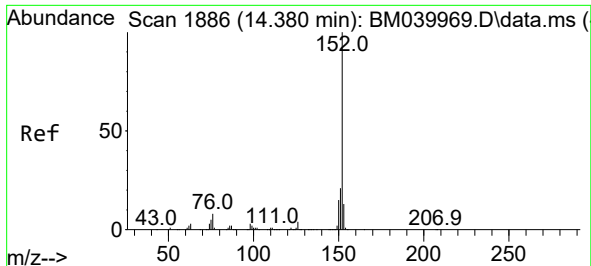
Tgt Ion:162 Resp: 2533503
Ion Ratio Lower Upper
162 100
127 39.1 31.3 46.9
164 32.8 25.8 38.8



#48
2-Nitroaniline
Concen: 50.085 ng
RT: 13.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion: 65 Resp: 781719
Ion Ratio Lower Upper
65 100
92 73.2 57.0 85.6
138 119.1 91.1 136.7

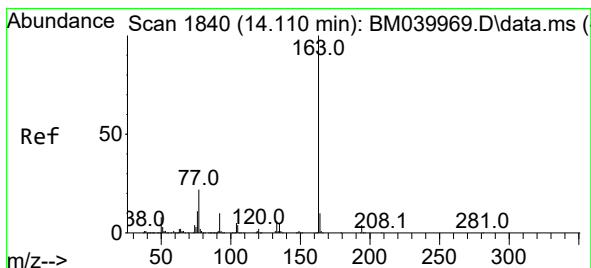
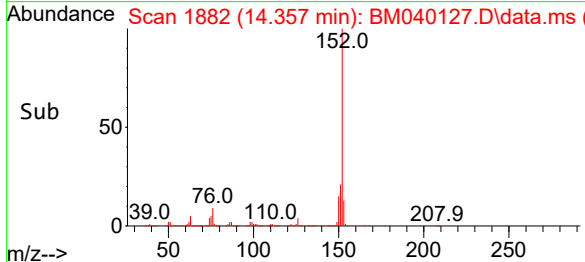
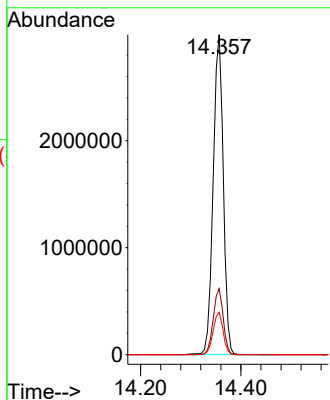
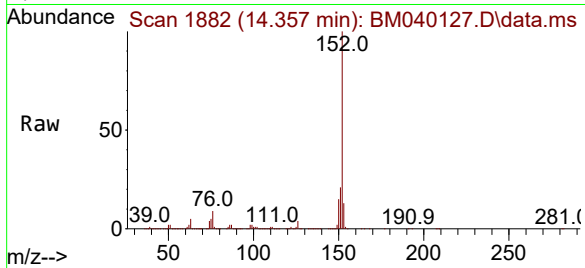




#49
Acenaphthylene
Concen: 46.266 ng
RT: 14.357 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

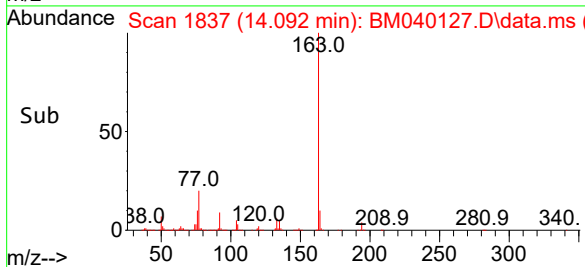
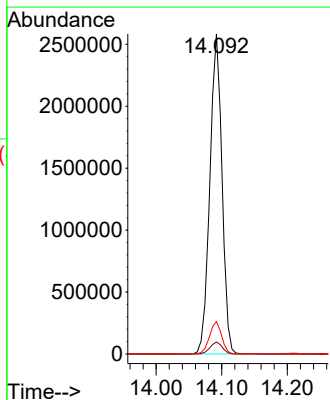
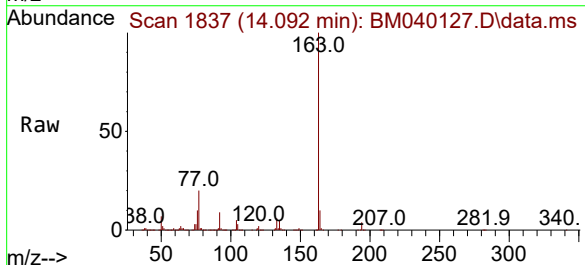
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

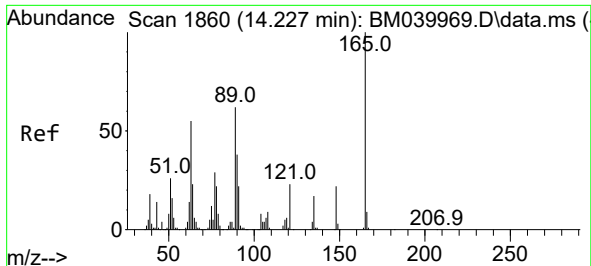
Tgt Ion:152 Resp: 4168251
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.3 10.3 15.5



#50
Dimethylphthalate
Concen: 48.923 ng
RT: 14.092 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:163 Resp: 3321098
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 52.938 ng

RT: 14.210 min Scan# 1860

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

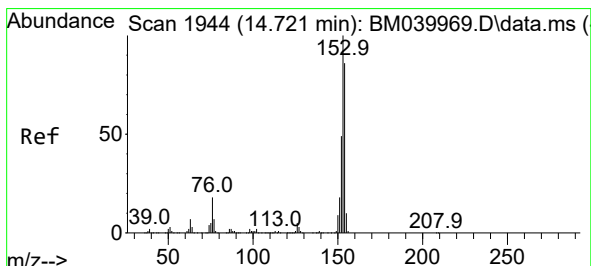
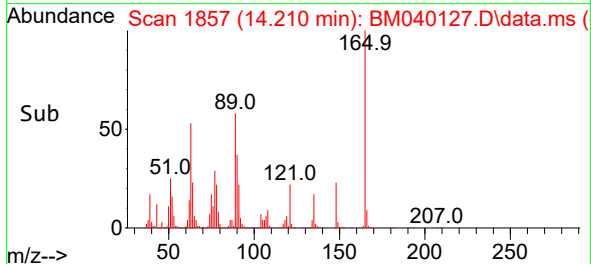
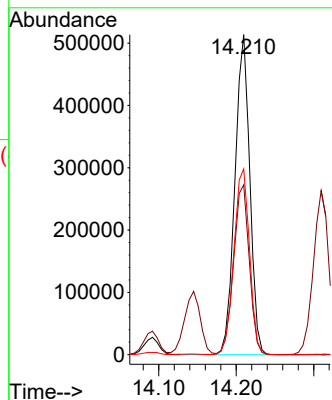
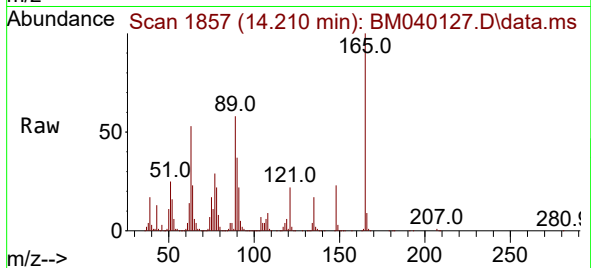
Tgt Ion:165 Resp: 687473

Ion Ratio Lower Upper

165 100

63 53.1 45.3 67.9

89 58.1 49.5 74.3



#52

Acenaphthene

Concen: 42.699 ng

RT: 14.698 min Scan# 1940

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

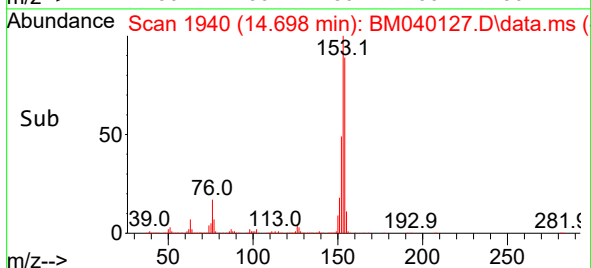
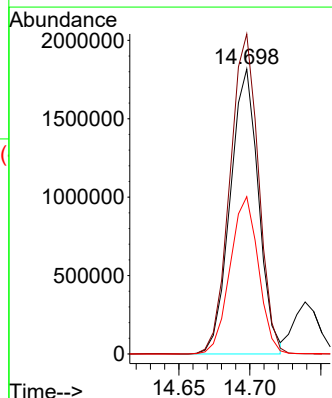
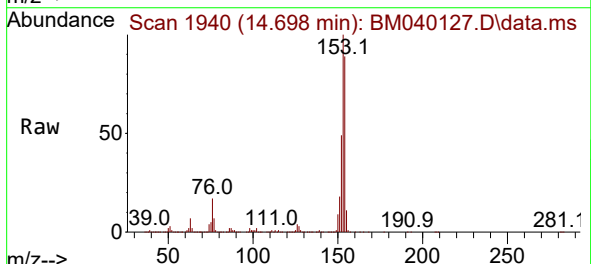
Tgt Ion:154 Resp: 2513536

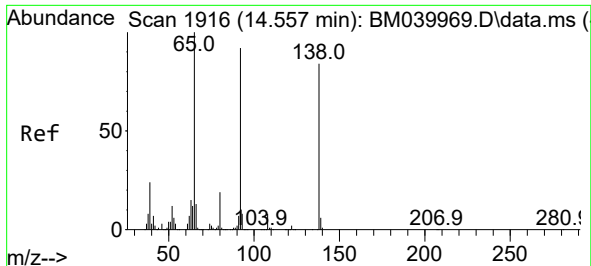
Ion Ratio Lower Upper

154 100

153 112.3 92.6 139.0

152 55.2 45.5 68.3

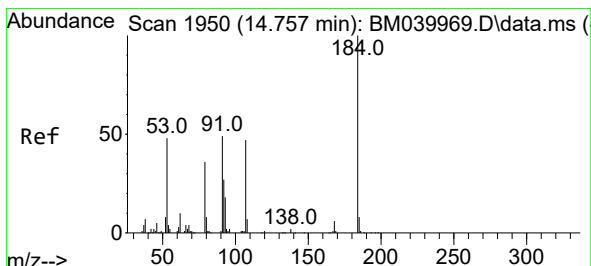
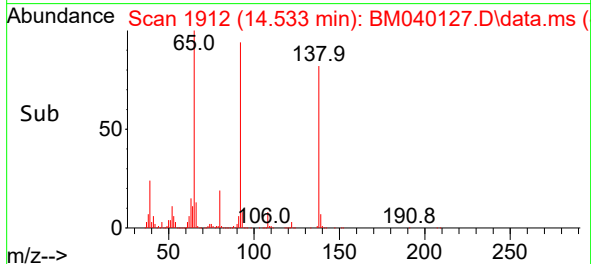
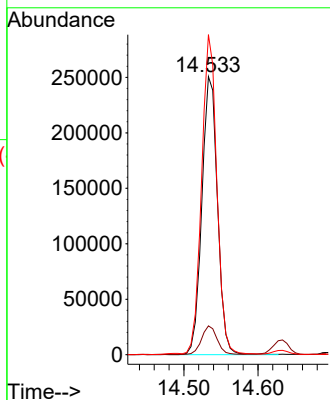
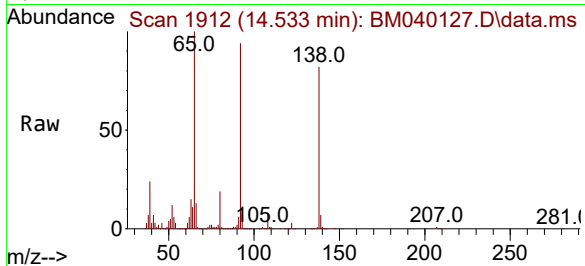




#53
3-Nitroaniline
Concen: 23.940 ng
RT: 14.533 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

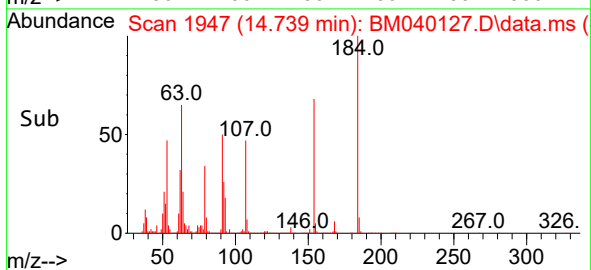
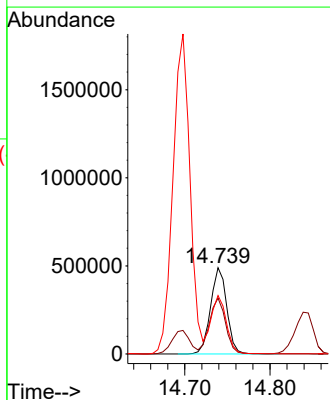
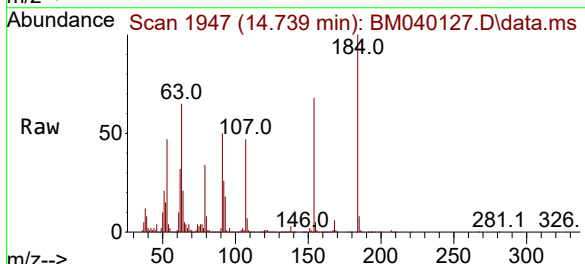
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

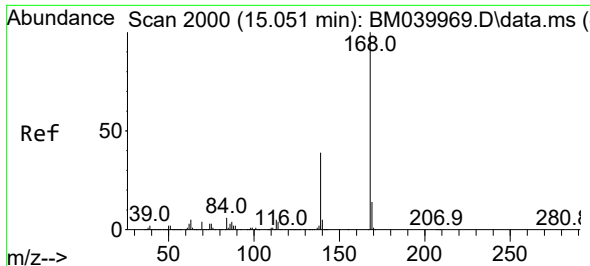
Tgt Ion:138 Resp: 367784
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.6
92 115.1 87.7 131.5



#54
2,4-Dinitrophenol
Concen: 88.353 ng
RT: 14.739 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:184 Resp: 645287
Ion Ratio Lower Upper
184 100
63 64.8 53.0 79.4
154 67.6 54.4 81.6

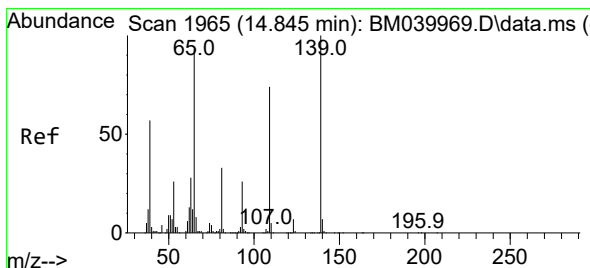
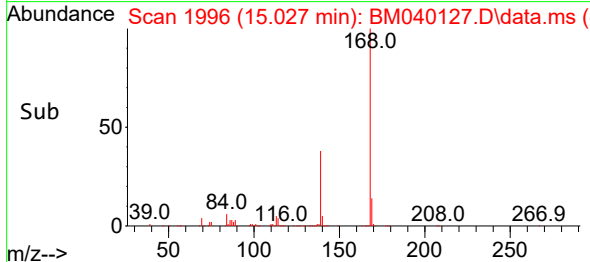
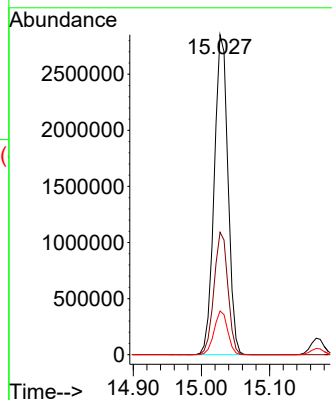
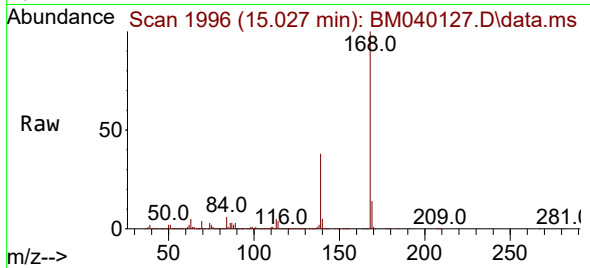




#55
Dibenzenofuran
Concen: 46.016 ng
RT: 15.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

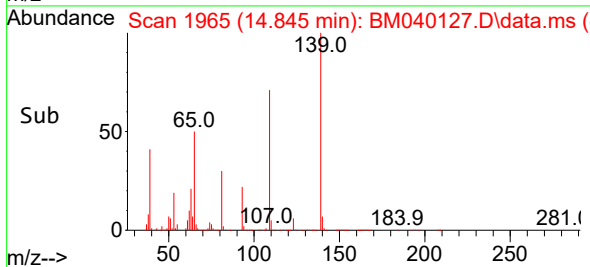
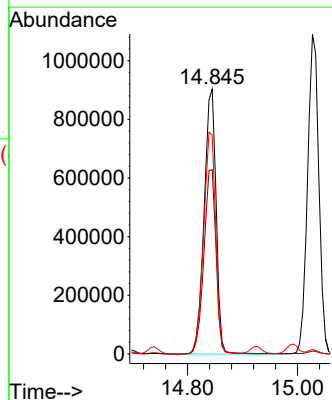
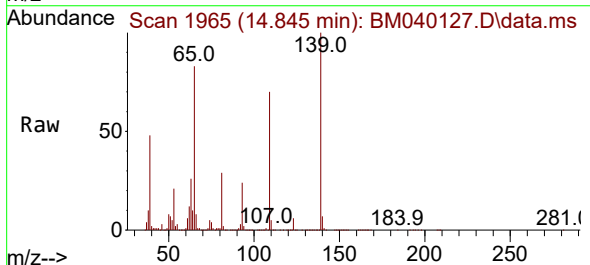
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

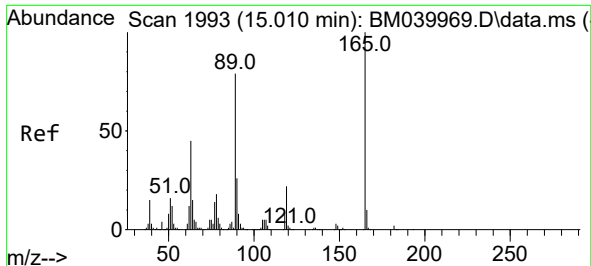
Tgt Ion:168 Resp: 3998816
Ion Ratio Lower Upper
168 100
139 38.2 31.5 47.3
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 114.502 ng
RT: 14.845 min Scan# 1965
Delta R.T. 0.011 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:139 Resp: 1360713
Ion Ratio Lower Upper
139 100
109 69.6 53.9 93.9
65 82.6 72.6 112.6





#57

2,4-Dinitrotoluene

Concen: 52.329 ng

RT: 14.992 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

Tgt Ion:165 Resp: 985311

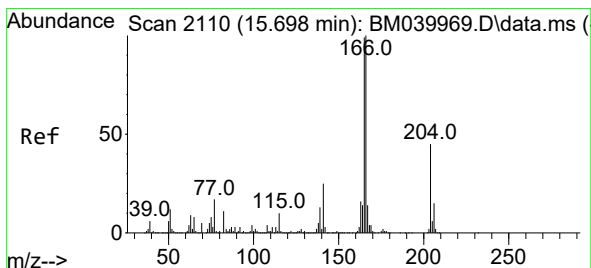
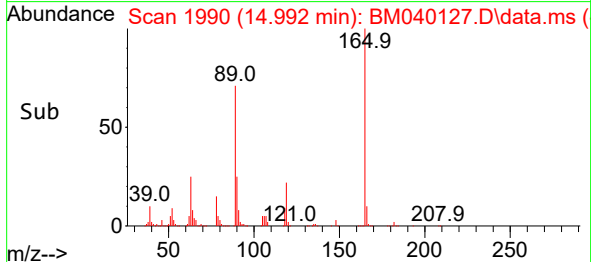
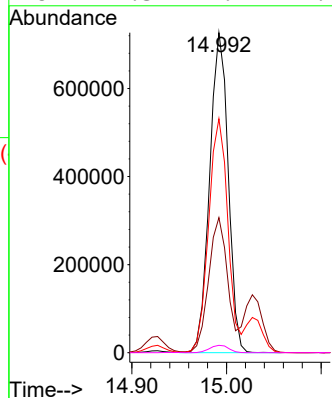
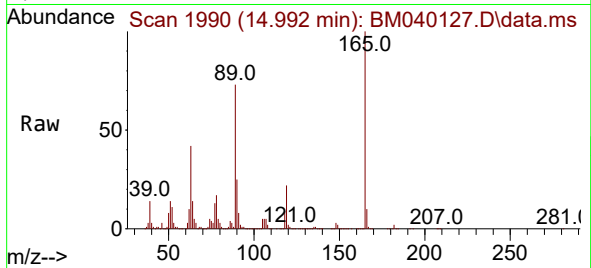
Ion Ratio Lower Upper

165 100

63 42.2 36.2 54.2

89 73.1 63.4 95.0

182 2.3 1.9 2.9



#58

Fluorene

Concen: 47.734 ng

RT: 15.674 min Scan# 2106

Delta R.T. -0.006 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

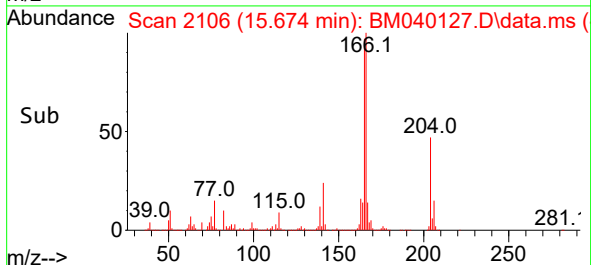
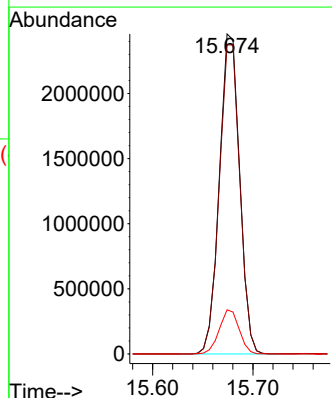
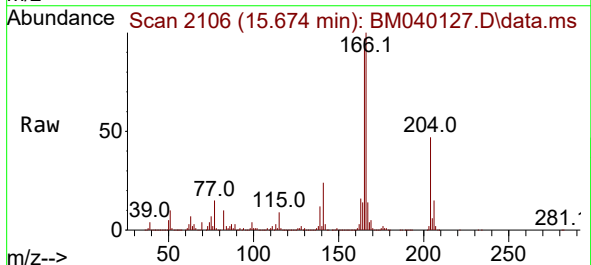
Tgt Ion:166 Resp: 3448270

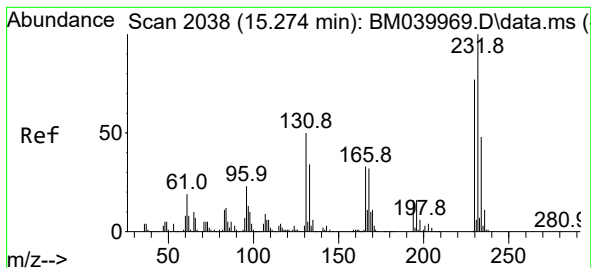
Ion Ratio Lower Upper

166 100

165 96.6 79.5 119.3

167 13.8 11.0 16.6

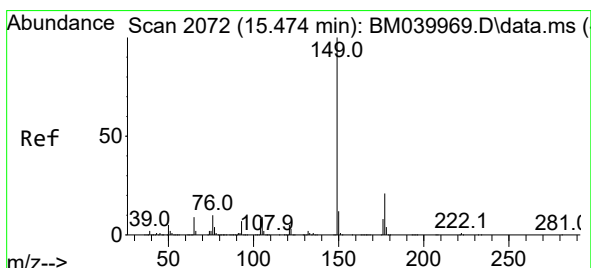
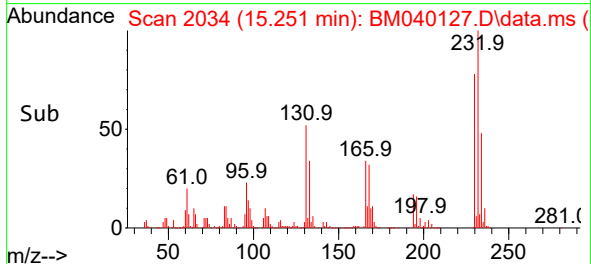
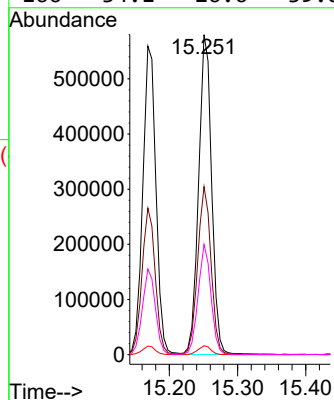
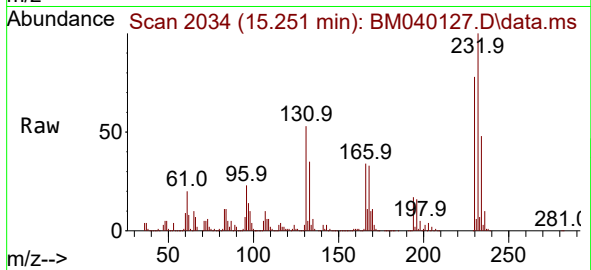




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.138 ng
RT: 15.251 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

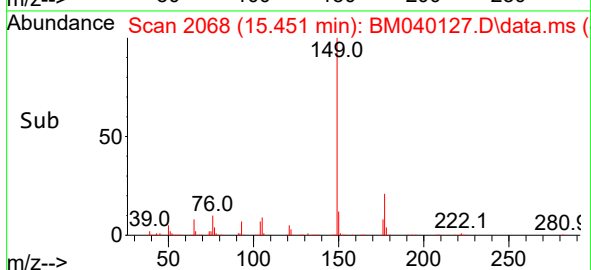
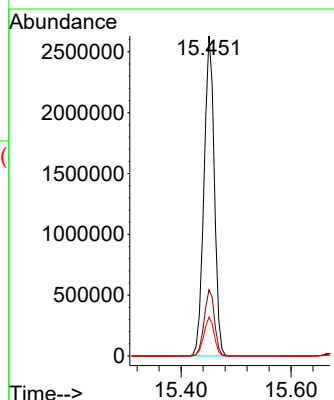
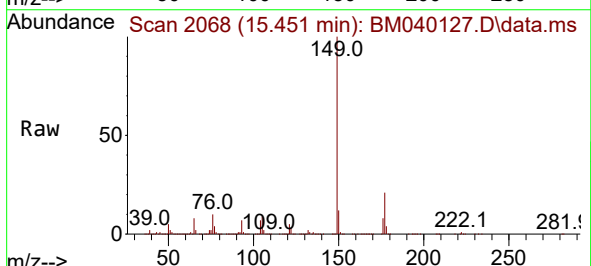
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

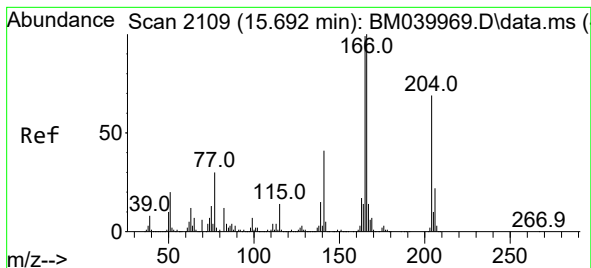
Tgt Ion:232 Resp: 767231
Ion Ratio Lower Upper
232 100
131 53.9 42.8 64.2
130 2.8 2.3 3.5
166 34.1 26.6 39.8



#60
Diethylphthalate
Concen: 50.946 ng
RT: 15.451 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:149 Resp: 3418460
Ion Ratio Lower Upper
149 100
177 20.7 16.8 25.2
150 12.2 9.5 14.3

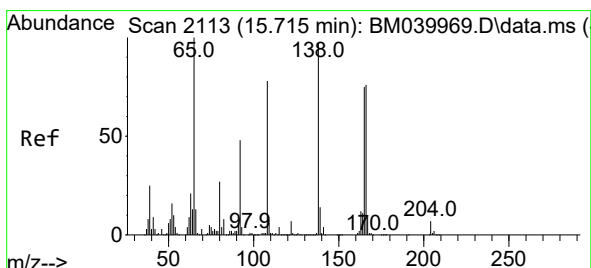
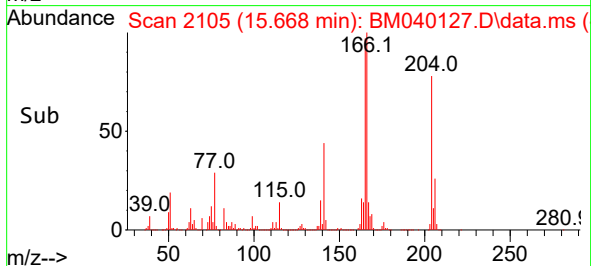
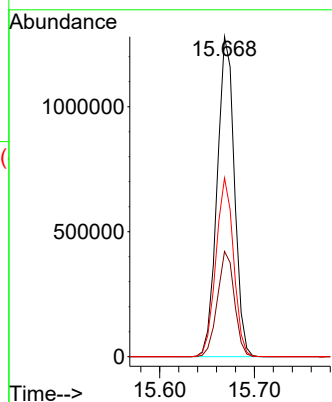
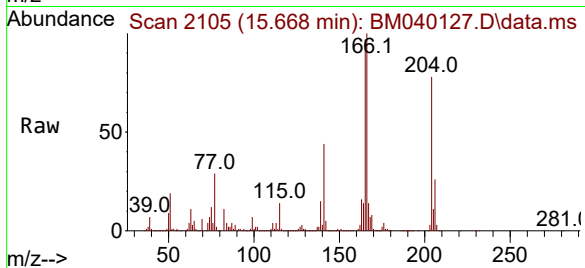




#61
4-Chlorophenyl-phenylether
Concen: 45.837 ng
RT: 15.668 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

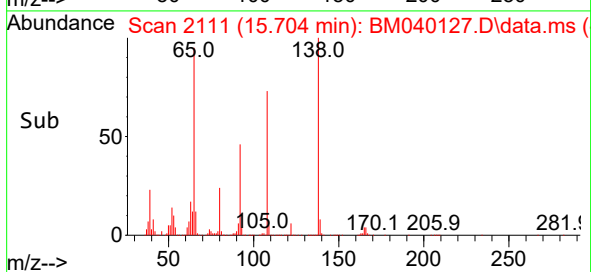
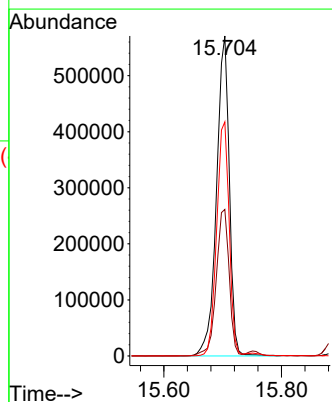
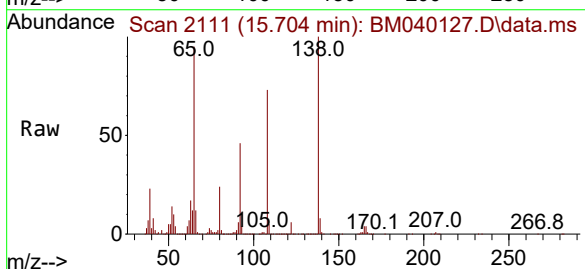
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

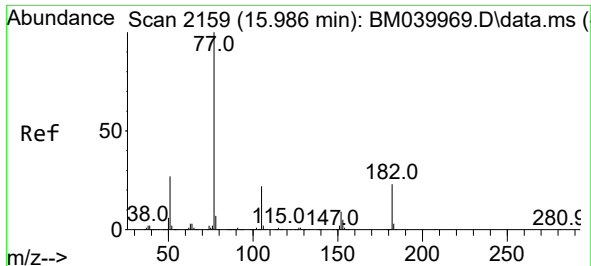
Tgt Ion:204 Resp: 1619997
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.8
141 55.9 46.9 70.3



#62
4-Nitroaniline
Concen: 54.131 ng
RT: 15.704 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:138 Resp: 866064
Ion Ratio Lower Upper
138 100
92 45.8 29.1 69.1
108 73.2 60.0 100.0

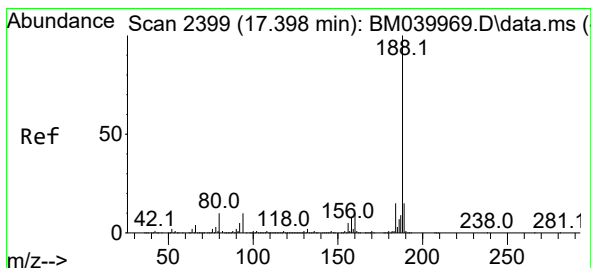
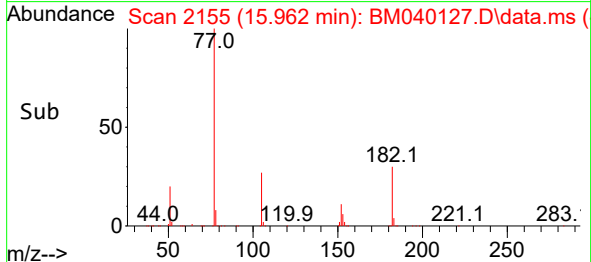
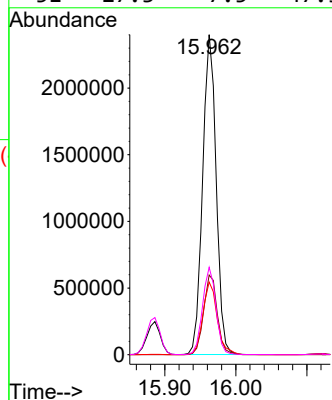
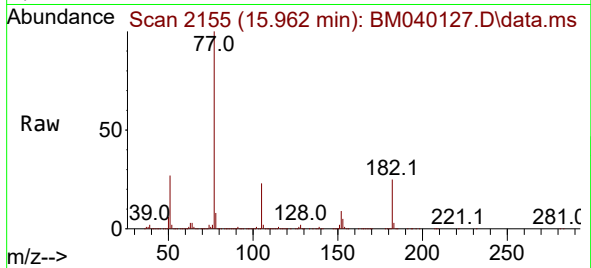




#63
Azobenzene
Concen: 47.604 ng
RT: 15.962 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

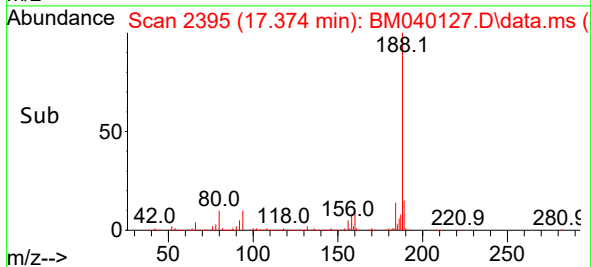
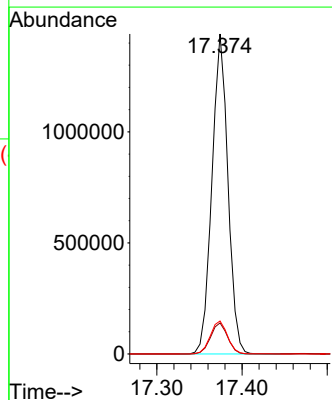
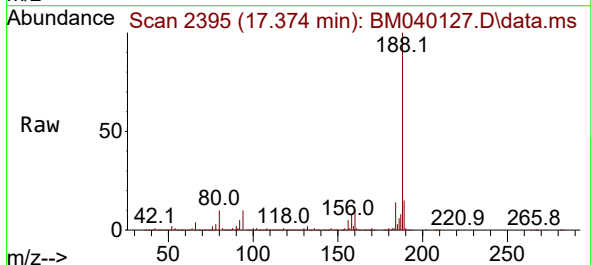
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

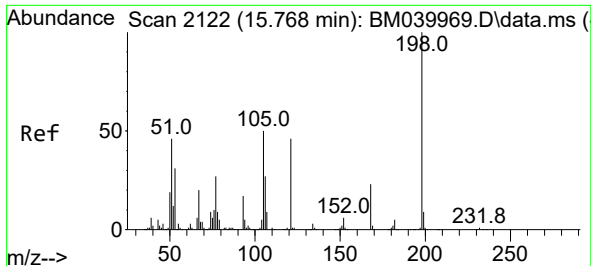
Tgt Ion: 77 Resp: 3184616
Ion Ratio Lower Upper
77 100
182 24.9 2.9 42.9
105 22.7 1.5 41.5
51 27.3 7.5 47.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:188 Resp: 1881897
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.8
80 10.3 8.2 12.4

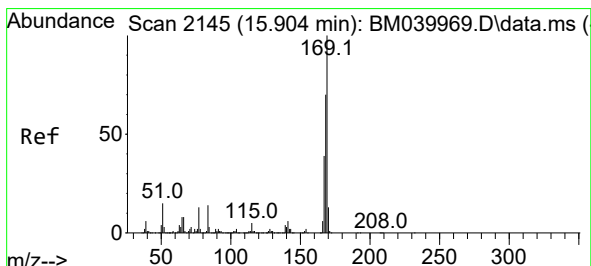
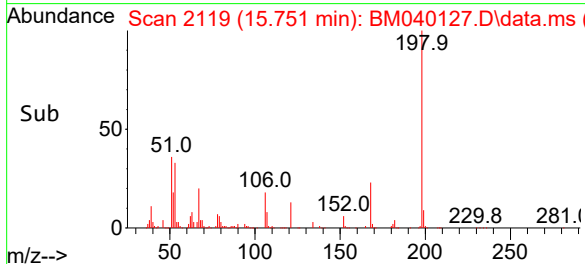
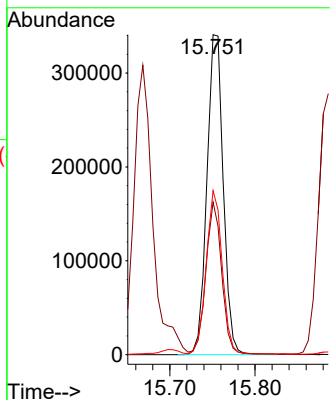
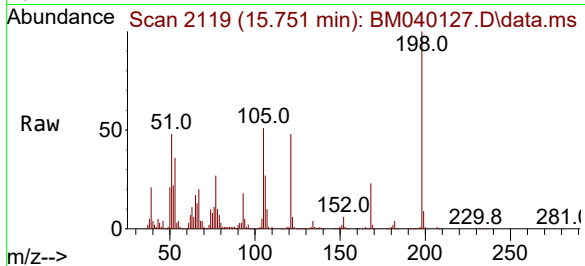




#65
4,6-Dinitro-2-methylphenol
Concen: 44.523 ng
RT: 15.751 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

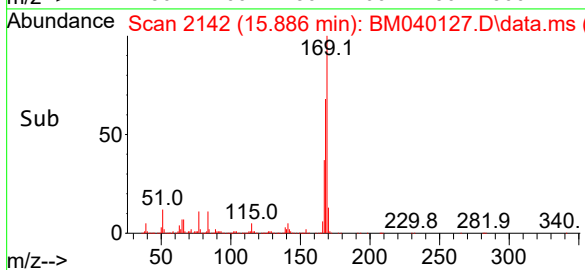
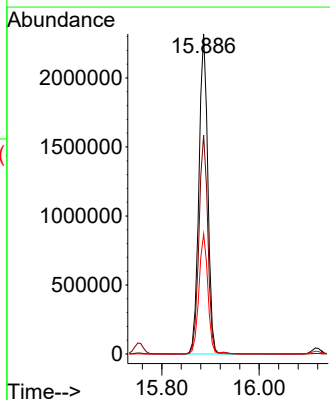
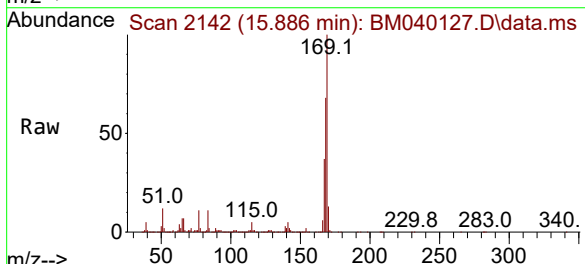
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

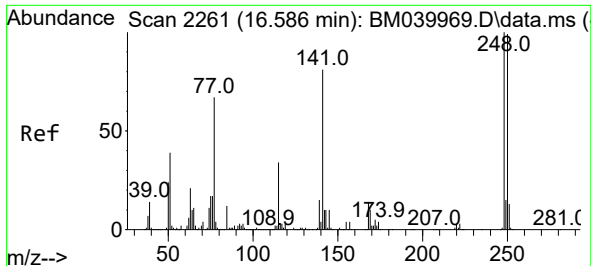
Tgt Ion:198 Resp: 454783
Ion Ratio Lower Upper
198 100
51 47.7 29.9 69.9
105 51.2 30.4 70.4



#66
n-Nitrosodiphenylamine
Concen: 45.217 ng
RT: 15.886 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:169 Resp: 2926311
Ion Ratio Lower Upper
169 100
168 68.4 56.0 84.0
167 37.5 31.0 46.6

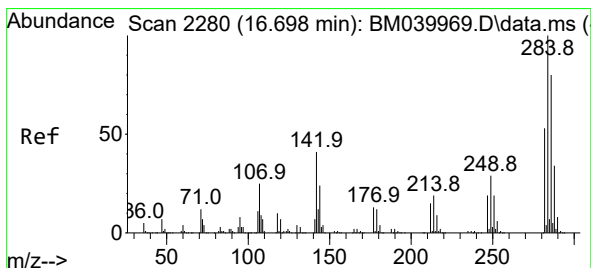
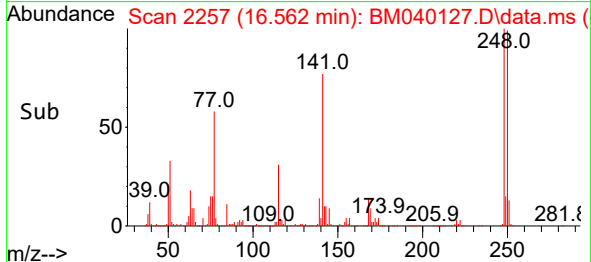
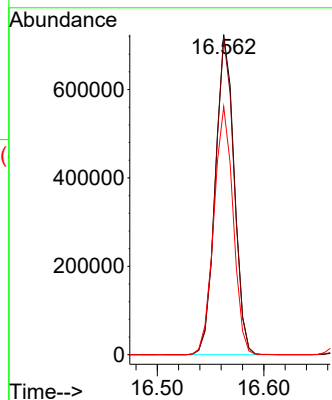
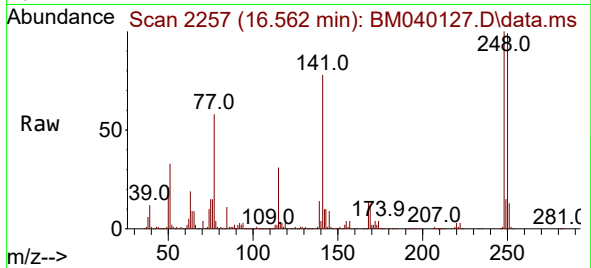




#67
4-Bromophenyl-phenylether
Concen: 42.756 ng
RT: 16.562 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

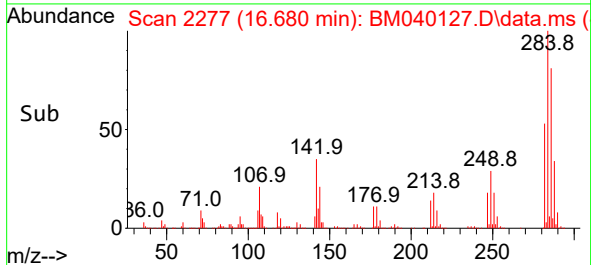
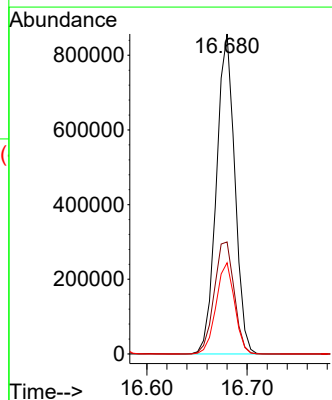
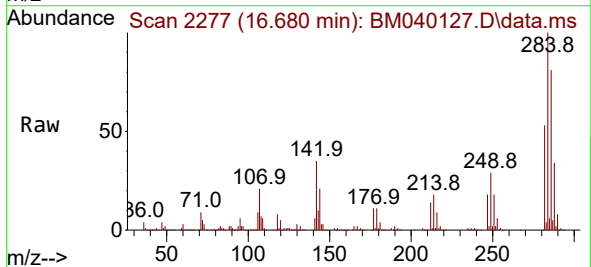
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

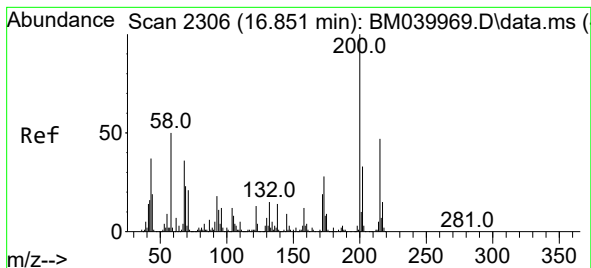
Tgt Ion:248 Resp: 889066
Ion Ratio Lower Upper
248 100
250 98.9 79.4 119.0
141 77.5 64.8 97.2



#68
Hexachlorobenzene
Concen: 45.848 ng
RT: 16.680 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:284 Resp: 1089478
Ion Ratio Lower Upper
284 100
142 35.0 32.4 48.6
249 28.5 23.4 35.2





#69

Atrazine

Concen: 59.343 ng

RT: 16.833 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

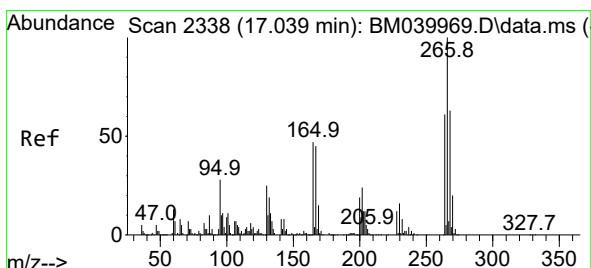
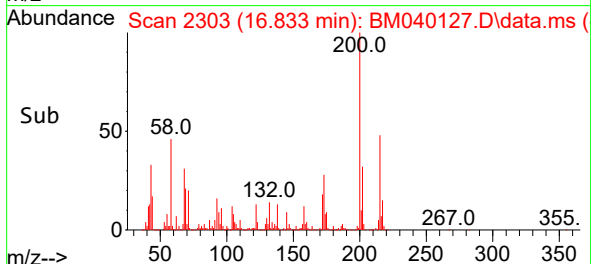
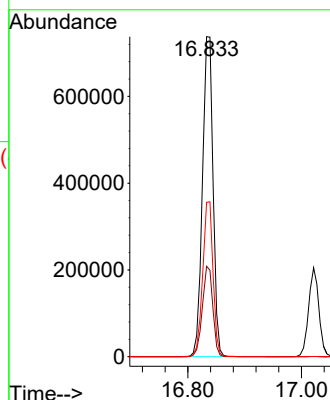
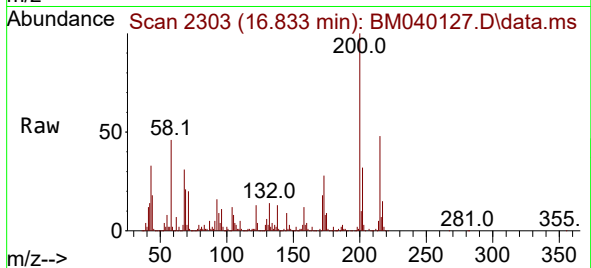
Tgt Ion:200 Resp: 955280

Ion Ratio Lower Upper

200 100

173 28.3 7.7 47.7

215 48.2 27.5 67.5



#70

Pentachlorophenol

Concen: 93.147 ng

RT: 17.021 min Scan# 2335

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

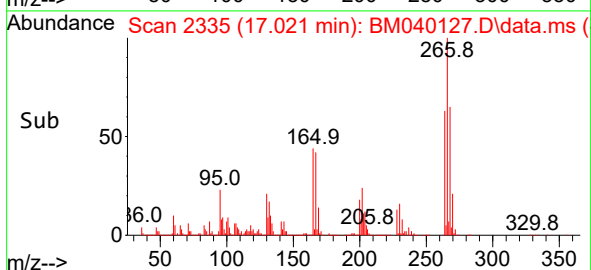
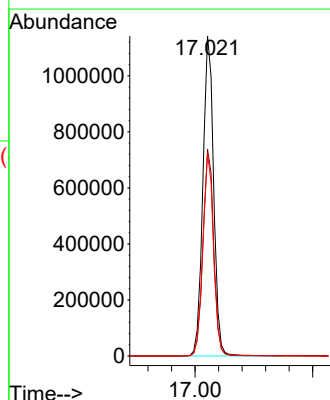
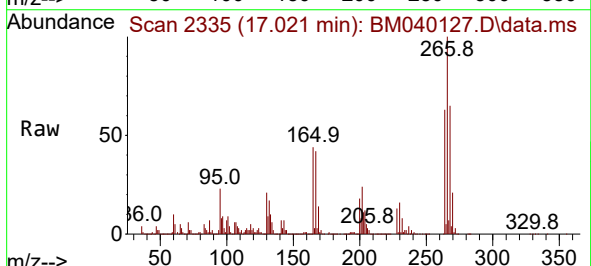
Tgt Ion:266 Resp: 1453051

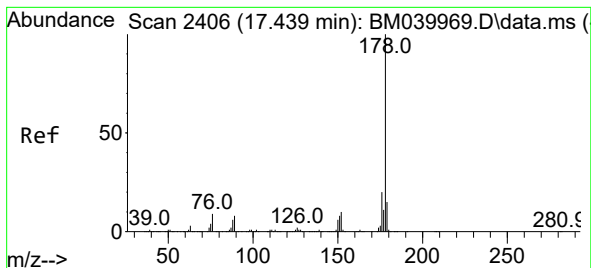
Ion Ratio Lower Upper

266 100

268 64.6 50.2 75.4

264 63.3 49.0 73.6





#71

Phenanthrene

Concen: 46.504 ng

RT: 17.415 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

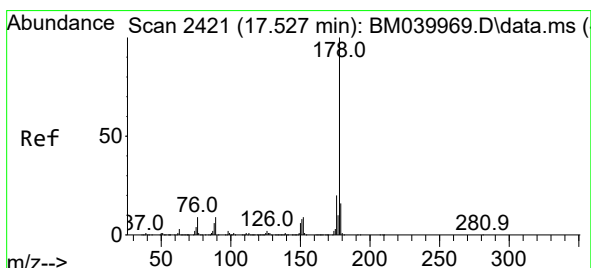
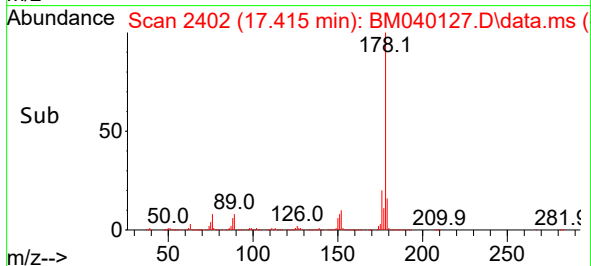
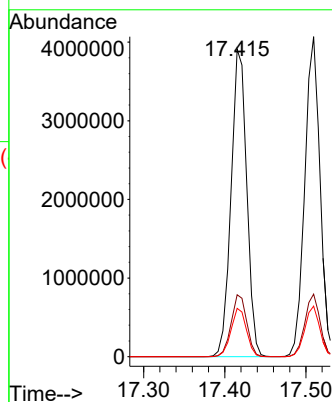
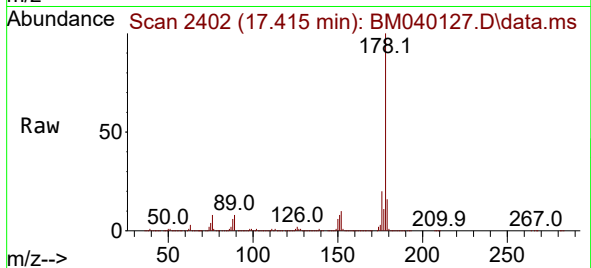
Tgt Ion:178 Resp: 5234772

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

179 15.7 12.2 18.4



#72

Anthracene

Concen: 47.959 ng

RT: 17.509 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

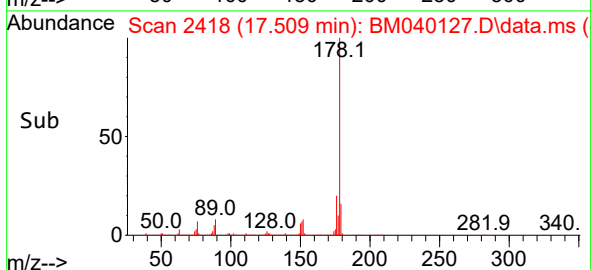
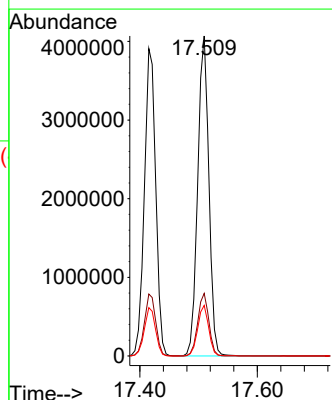
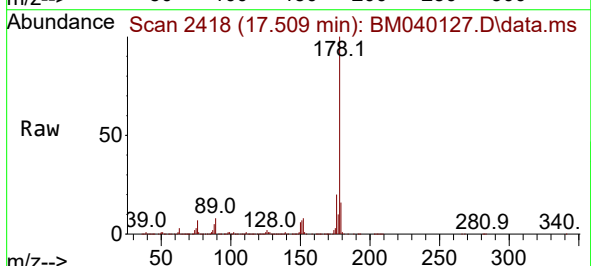
Tgt Ion:178 Resp: 5348794

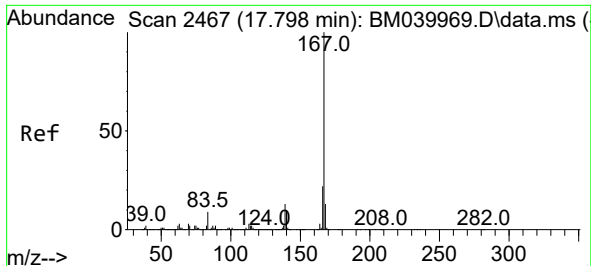
Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.8 12.5 18.7

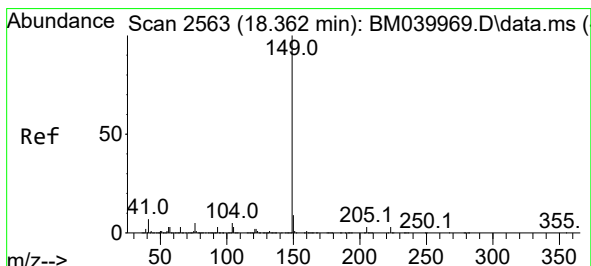
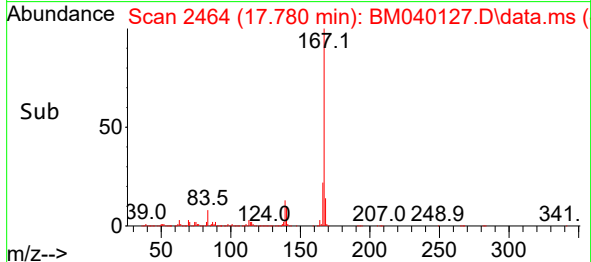
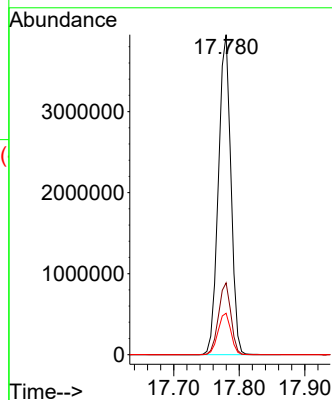
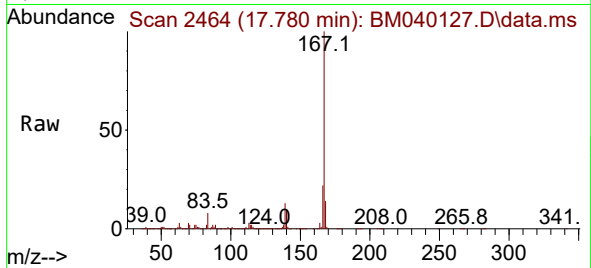




#73
 Carbazole
 Concen: 51.526 ng
 RT: 17.780 min Scan# 2467
 Delta R.T. -0.000 min
 Lab File: BM040127.D
 Acq: 07 Jun 2023 06:28

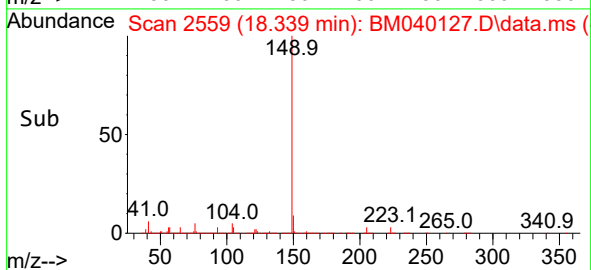
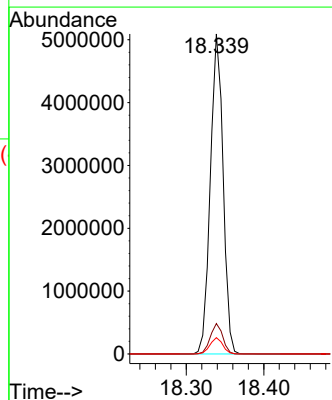
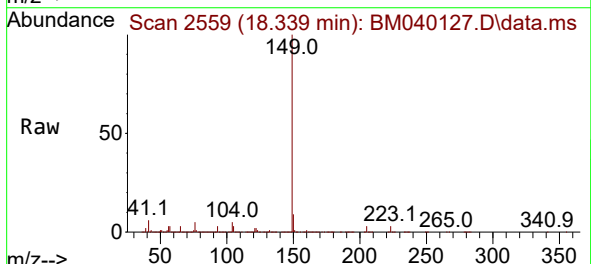
Instrument :
 BNA_M
 ClientSampleId :
 TP-18-0AMSD

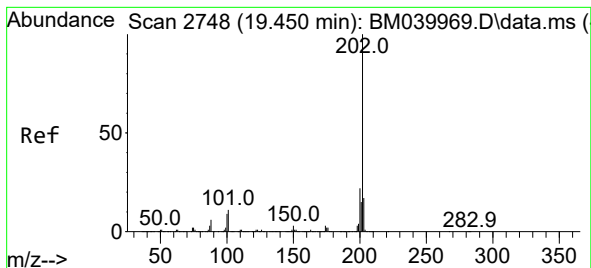
Tgt Ion:167 Resp: 5191828
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 12.9 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 45.324 ng
 RT: 18.339 min Scan# 2559
 Delta R.T. -0.006 min
 Lab File: BM040127.D
 Acq: 07 Jun 2023 06:28

Tgt Ion:149 Resp: 5810140
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 51.293 ng

RT: 19.427 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

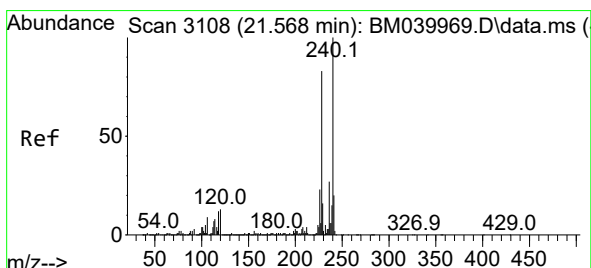
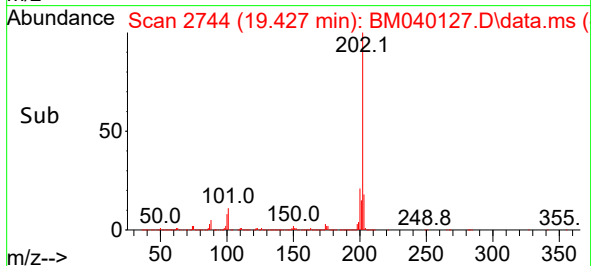
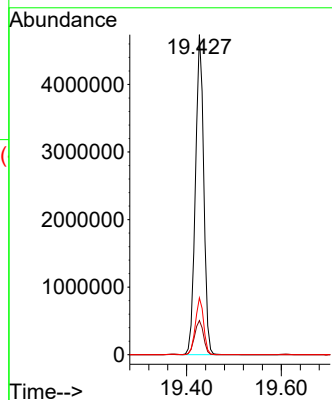
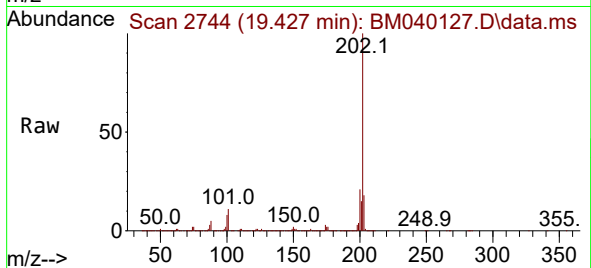
Tgt Ion:202 Resp: 5754604

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.3

203 17.8 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.550 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

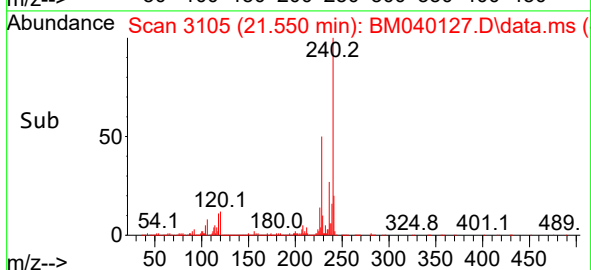
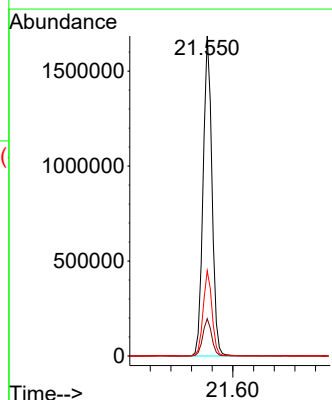
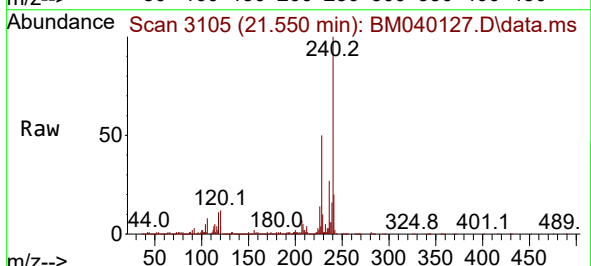
Tgt Ion:240 Resp: 2004204

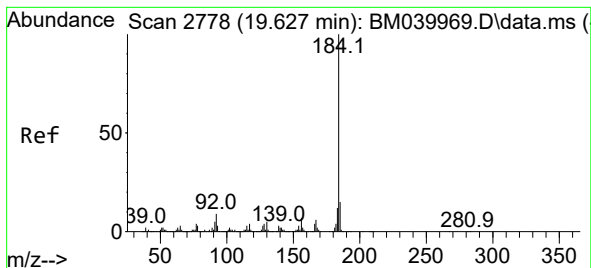
Ion Ratio Lower Upper

240 100

120 11.6 10.1 15.1

236 26.7 21.3 31.9





#77

Benzidine

Concen: 49.114 ng

RT: 19.609 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

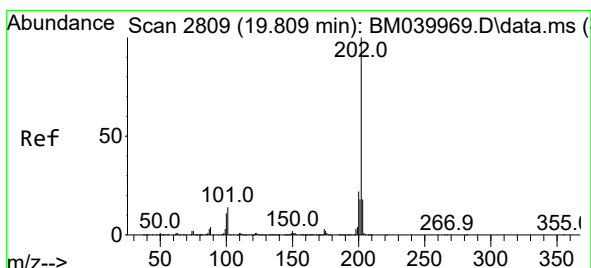
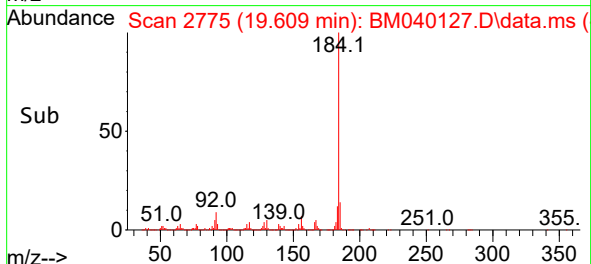
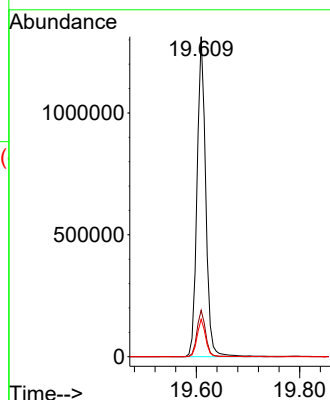
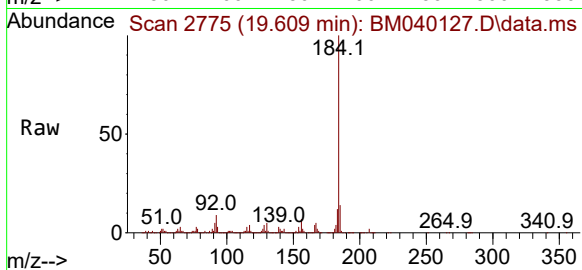
Tgt Ion:184 Resp: 1528593

Ion Ratio Lower Upper

184 100

185 14.5 11.9 17.9

183 11.7 9.2 13.8



#78

Pyrene

Concen: 42.649 ng

RT: 19.792 min Scan# 2806

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

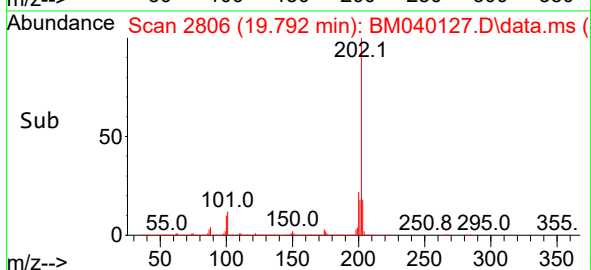
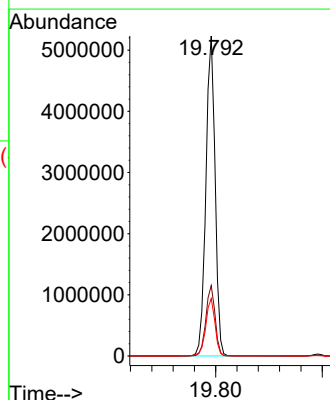
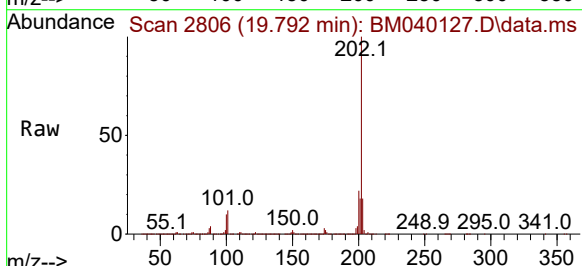
Tgt Ion:202 Resp: 6272172

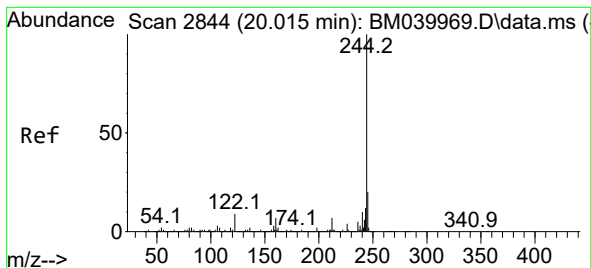
Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 81.320 ng

RT: 19.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

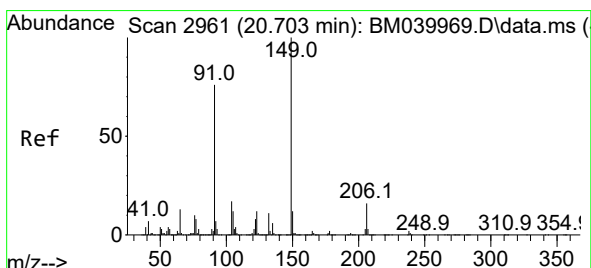
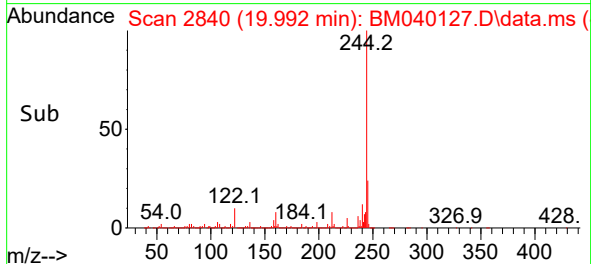
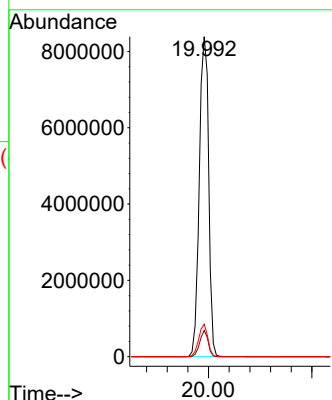
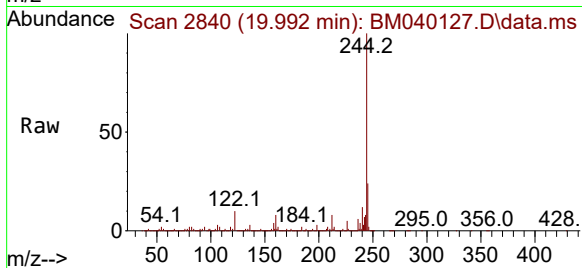
Tgt Ion:244 Resp:10496637

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.0#

122 10.1 7.1 10.7



#80

Butylbenzylphthalate

Concen: 44.673 ng

RT: 20.680 min Scan# 2957

Delta R.T. -0.006 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

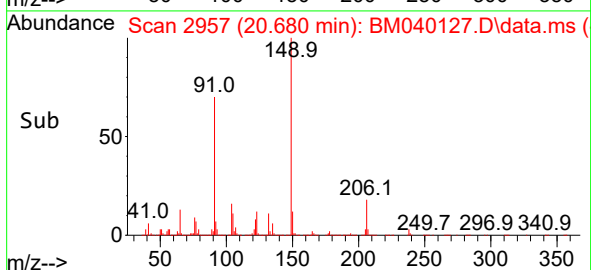
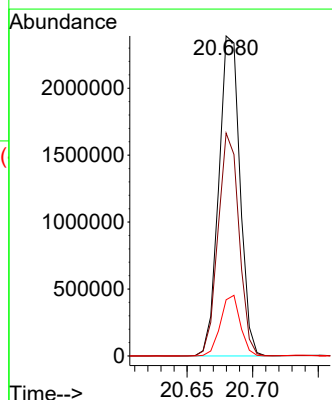
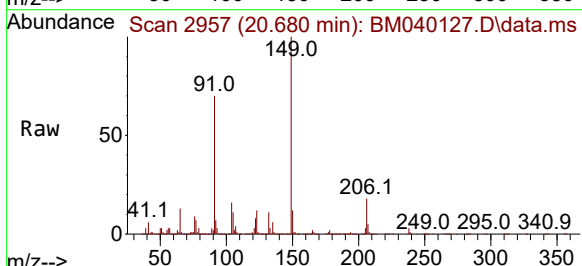
Tgt Ion:149 Resp: 2679255

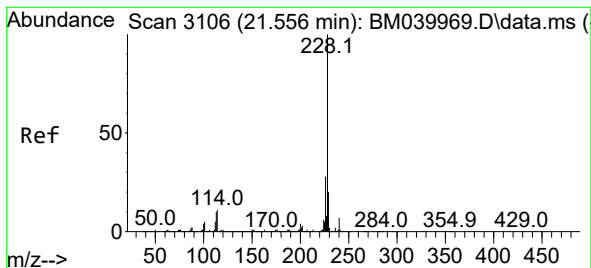
Ion Ratio Lower Upper

149 100

91 69.7 61.0 91.4

206 17.5 12.7 19.1





#81

Benzo(a)anthracene

Concen: 47.195 ng

RT: 21.533 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

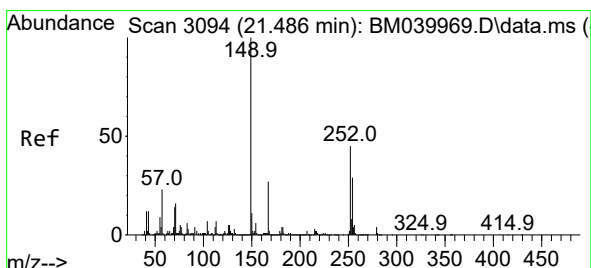
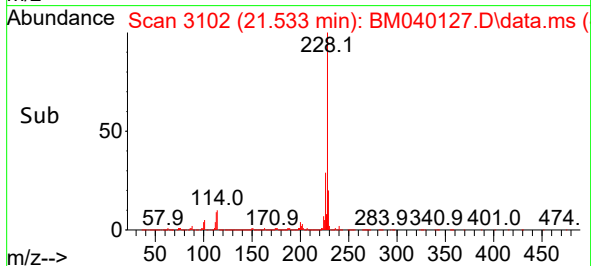
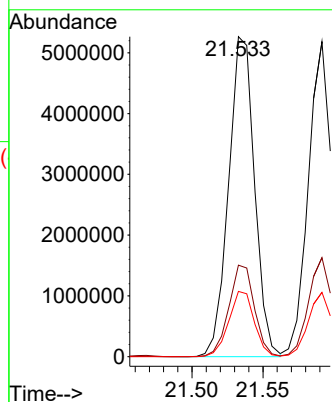
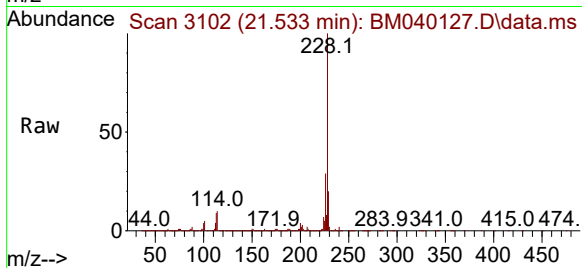
Tgt Ion:228 Resp: 6696012

Ion Ratio Lower Upper

228 100

226 28.6 22.2 33.4

229 20.4 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 35.101 ng

RT: 21.468 min Scan# 3091

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

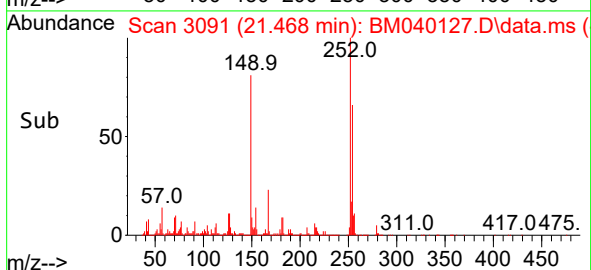
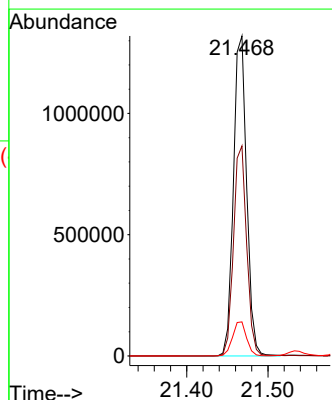
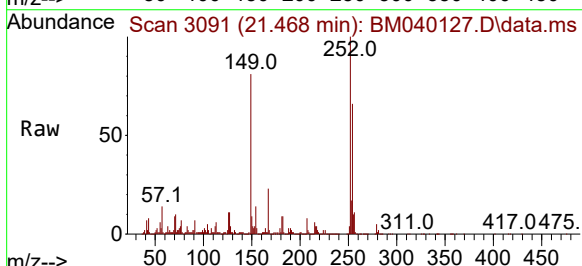
Tgt Ion:252 Resp: 1487665

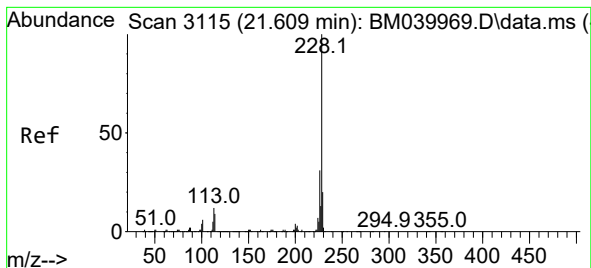
Ion Ratio Lower Upper

252 100

254 65.6 51.8 77.6

126 10.6 8.7 13.1





#83

Chrysene

Concen: 44.361 ng

RT: 21.591 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

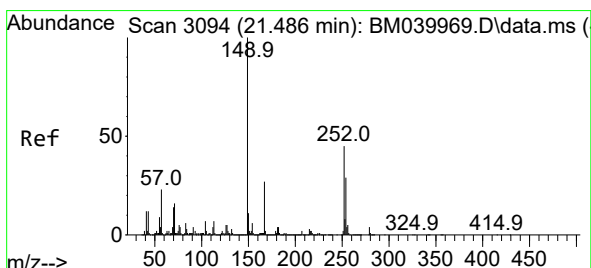
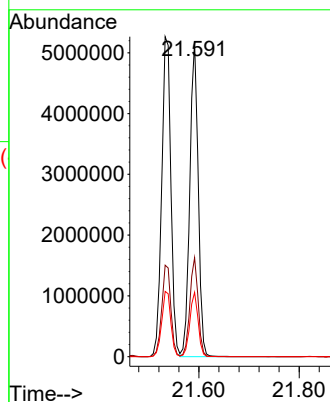
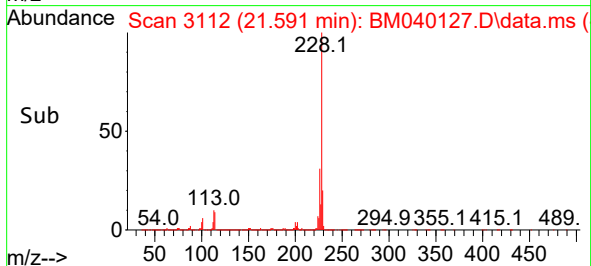
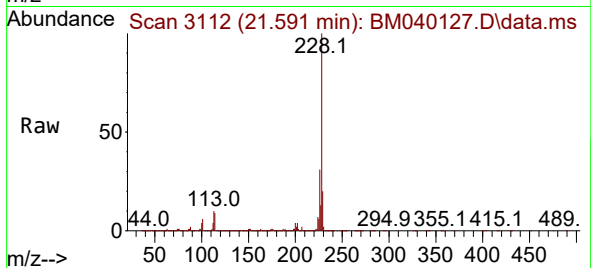
Tgt Ion:228 Resp: 6038994

Ion Ratio Lower Upper

228 100

226 31.4 24.5 36.7

229 20.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.356 ng

RT: 21.456 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

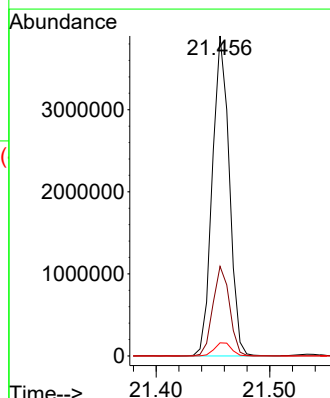
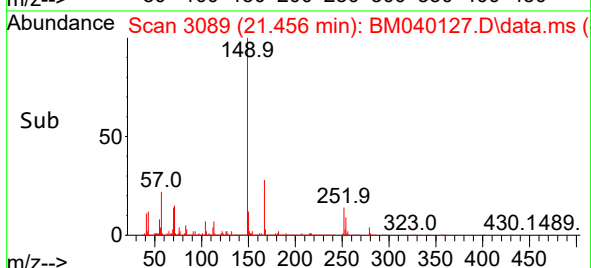
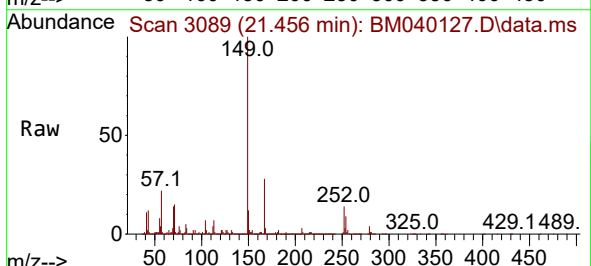
Tgt Ion:149 Resp: 4037722

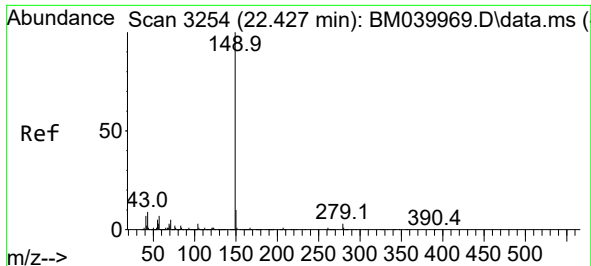
Ion Ratio Lower Upper

149 100

167 28.0 21.4 32.2

279 4.1 3.3 4.9

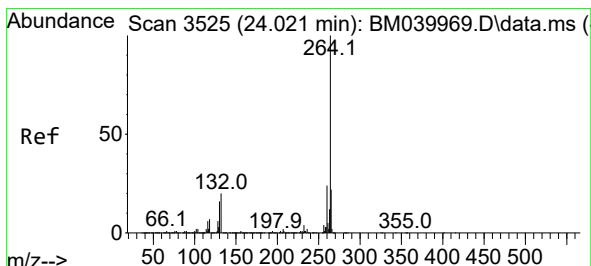
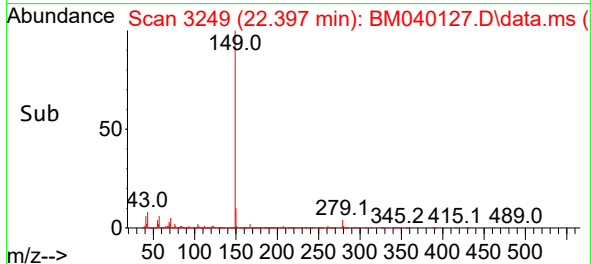
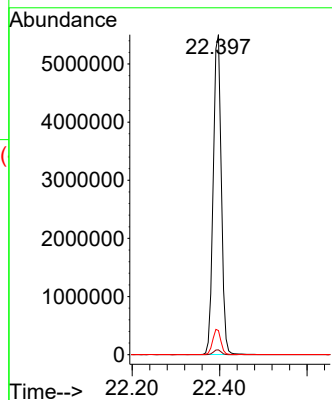
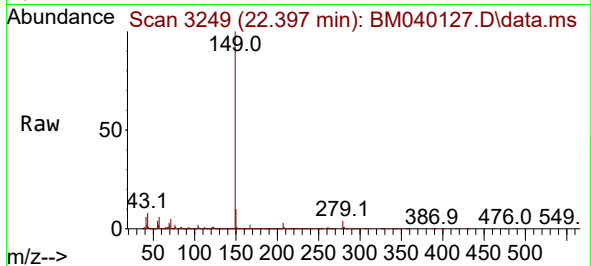




#85
Di-n-octyl phthalate
Concen: 47.797 ng
RT: 22.397 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

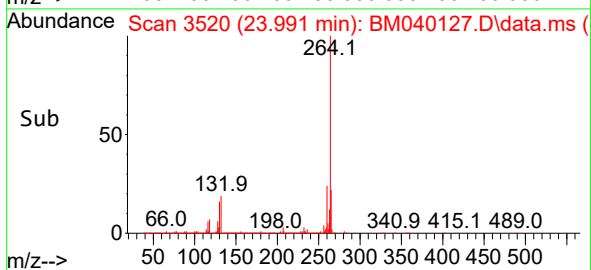
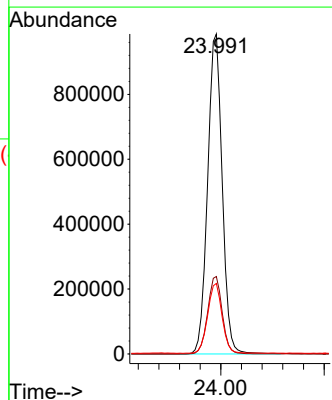
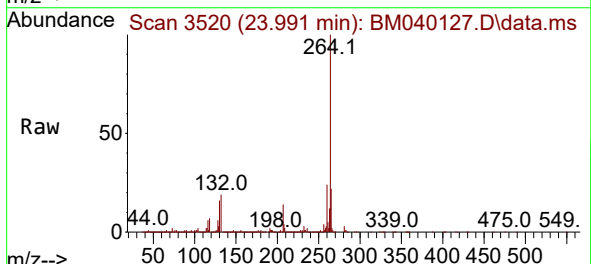
Instrument :
BNA_M
ClientSampleId :
TP-18-0AMSD

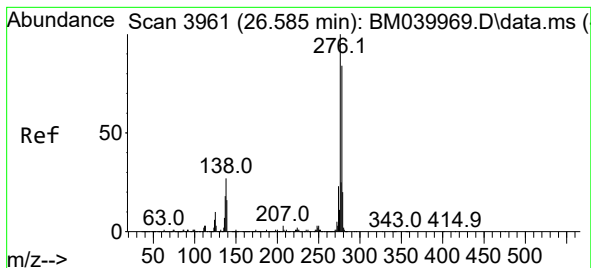
Tgt Ion:149 Resp: 7067996
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 8.1 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.991 min Scan# 3520
Delta R.T. -0.000 min
Lab File: BM040127.D
Acq: 07 Jun 2023 06:28

Tgt Ion:264 Resp: 1927877
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 22.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.878 ng

RT: 26.544 min Scan# 3954

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

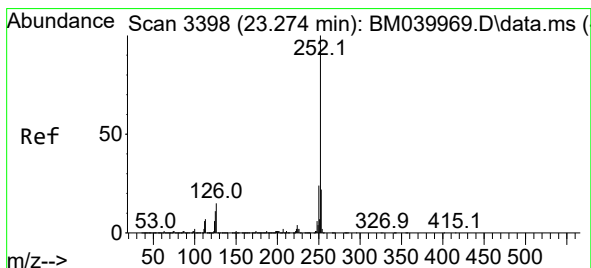
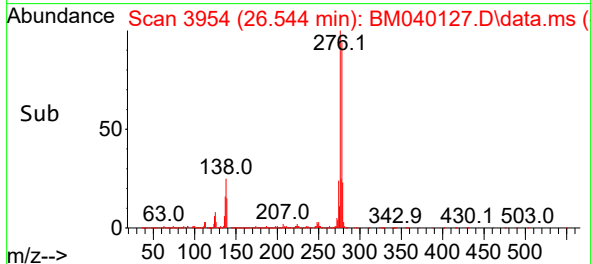
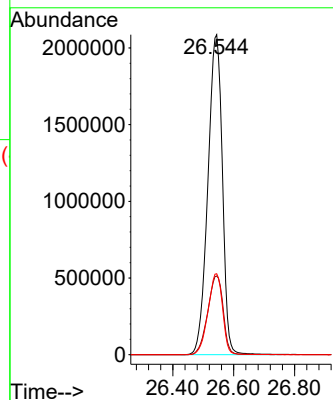
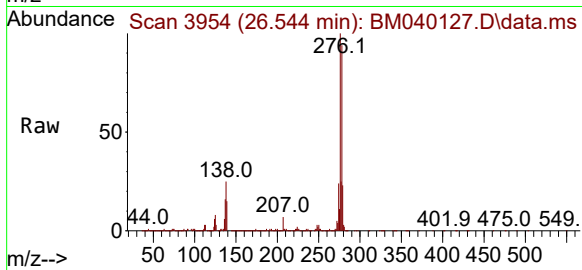
Tgt Ion:276 Resp: 6880351

Ion Ratio Lower Upper

276 100

138 26.4 23.2 34.8

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 52.562 ng

RT: 23.244 min Scan# 3393

Delta R.T. -0.006 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

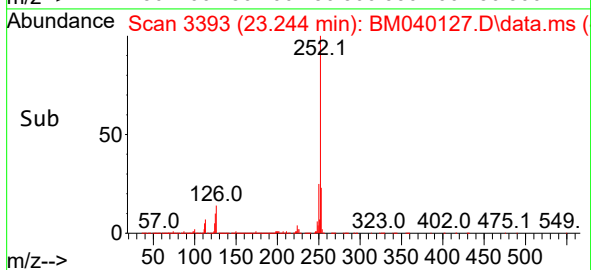
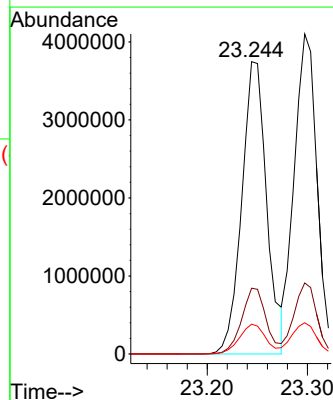
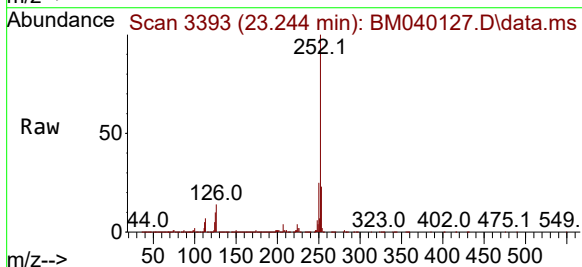
Tgt Ion:252 Resp: 6487731

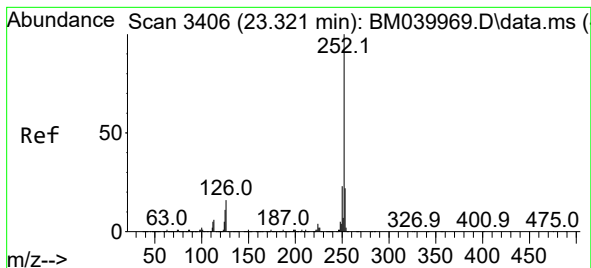
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 10.2 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 47.859 ng

RT: 23.297 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

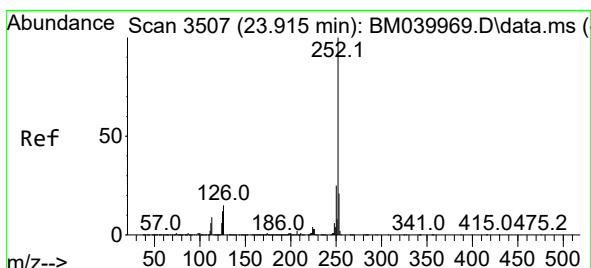
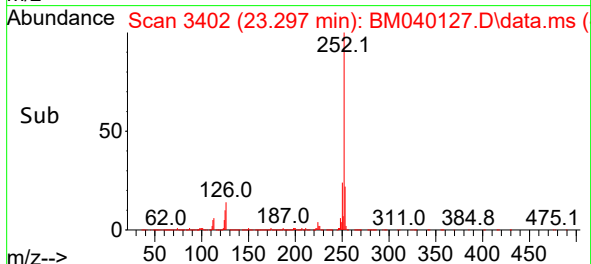
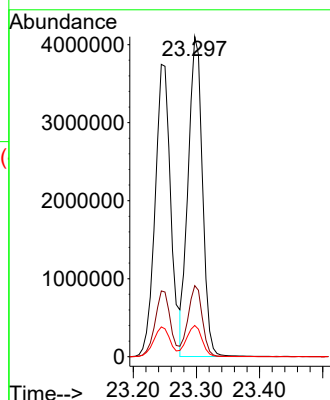
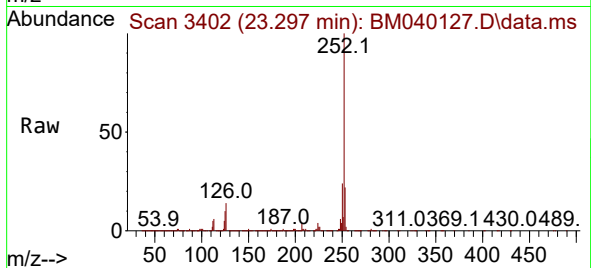
Tgt Ion:252 Resp: 6459478

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.8 9.0 13.4



#90

Benzo(a)pyrene

Concen: 44.830 ng

RT: 23.885 min Scan# 3502

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

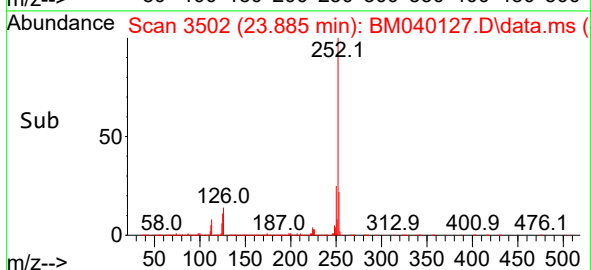
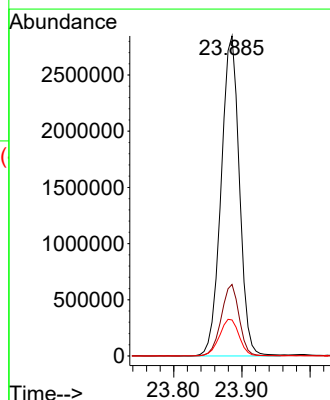
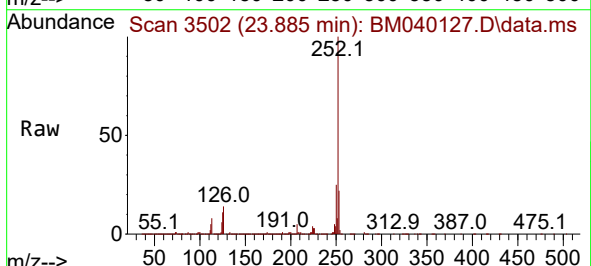
Tgt Ion:252 Resp: 5306604

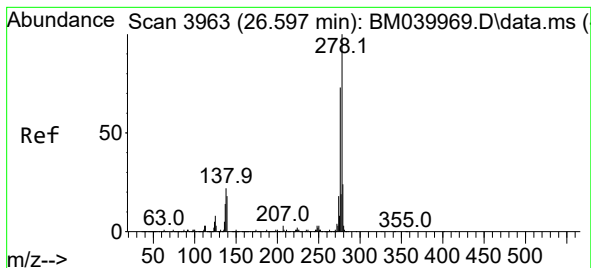
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 11.3 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 45.414 ng

RT: 26.556 min Scan# 3963

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Instrument :

BNA_M

ClientSampleId :

TP-18-0AMSD

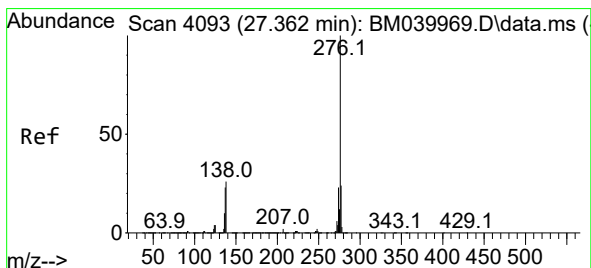
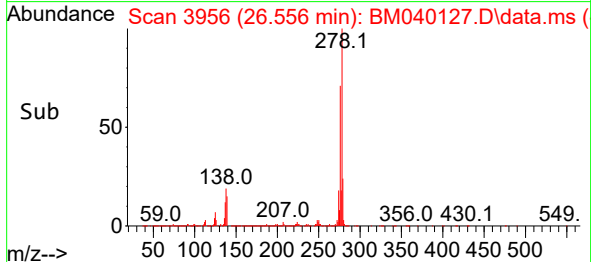
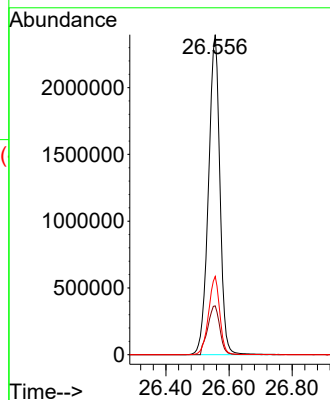
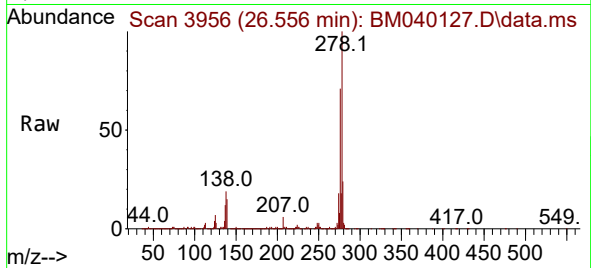
Tgt Ion:278 Resp: 6010949

Ion Ratio Lower Upper

278 100

139 15.3 14.0 21.0

279 24.5 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 41.039 ng

RT: 27.321 min Scan# 4086

Delta R.T. -0.000 min

Lab File: BM040127.D

Acq: 07 Jun 2023 06:28

Tgt Ion:276 Resp: 4800868

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 24.0 20.6 31.0

