

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
 Data File : BM039013.D
 Acq On : 14 Mar 2023 14:44
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020109

Quant Time: Mar 15 01:06:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 13 16:25:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	385169	20.000	ng/u1	0.00
20) Naphthalene-d8	10.798	136	1752968	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	1132772	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	2422771	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	2283906	20.000	ng/u1	0.00
88) Perylene-d12	24.003	264	2229619	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	91413	8.276	ng/uL	0.00
4) Pyridine-d5	3.793	84	663704	21.244	ng/u1	0.00
7) Phenol-d5	7.139	99	748692	20.192	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	498053	20.785	ng/u1	0.00
11) 2-Chlorophenol-d4	7.510	132	579397	20.991	ng/u1	0.00
15) 4-Methylphenol-d8	8.692	113	587027	20.237	ng/u1	0.00
21) Nitrobenzene-d5	9.151	128	302165	20.619	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	307382	20.818	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	569529	21.071	ng/u1	0.00
31) 4-Chloroaniline-d4	10.933	131	898118	20.544	ng/u1	0.00
46) Dimethylphthalate-d6	14.033	166	1785262	20.808	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	2098061	21.055	ng/u1	0.00
54) 4-Nitrophenol-d4	14.815	143	362398	20.273	ng/u1	0.00
60) Fluorene-d10	15.615	176	1567339	20.937	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	288789	18.820	ng/u1	0.00
73) Anthracene-d10	17.468	188	2464710	21.100	ng/u1	0.00
81) Pyrene-d10	19.762	212	2765392	20.681	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.844	264	2414305	21.093	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.404	88	101138	8.357	ng/uL	99
5) Pyridine	3.810	79	695559	20.950	ng/u1	98
6) Benzaldehyde	7.116	77	436346	24.016	ng/u1	98
8) Phenol	7.163	94	791321	20.124	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.404	93	647730	20.680	ng/u1	98
12) 2-Chlorophenol	7.545	128	597231	20.958	ng/u1	98
13) 2-Methylphenol	8.428	108	589815	20.336	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.522	45	868821	20.578	ng/u1	99
16) Acetophenone	8.816	105	1016445	21.184	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.804	70	535074	21.604	ng/u1	98
18) 4-Methylphenol	8.757	108	661743	20.529	ng/u1	96
19) Hexachloroethane	9.075	117	256247	21.293	ng/u1	98
22) Nitrobenzene	9.192	77	775202	20.892	ng/u1	100
23) Isophorone	9.722	82	1493939	21.081	ng/u1	99
25) 2-Nitrophenol	9.910	139	335637	20.765	ng/u1	98
26) 2,4-Dimethylphenol	9.969	107	715277	20.902	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.210	93	912632	20.715	ng/u1	99
29) 2,4-Dichlorophenol	10.439	162	570199	20.982	ng/u1	97
30) Naphthalene	10.851	128	2052281	20.694	ng/u1	100
32) 4-Chloroaniline	10.957	127	905339	20.578	ng/u1	99
33) Hexachlorobutadiene	11.139	225	336936	20.723	ng/u1	98
34) Caprolactam	11.733	113	119615	12.893	ng/u1	98
35) 4-Chloro-3-methylphenol	12.074	107	659173	21.291	ng/u1	99
36) 2-Methylnaphthalene	12.457	142	1359336	21.118	ng/u1	100

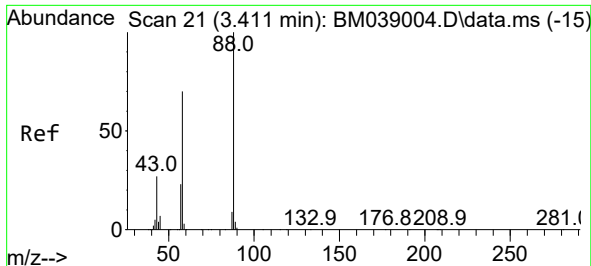
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.674	142	1361537	21.057	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.821	216	676123	20.348	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	421341	19.430	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	451773	20.788	ng/ul	98
42) 2,4,5-Trichlorophenol	13.127	196	496548	21.012	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	1852743	20.581	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	1432886	20.509	ng/ul	99
45) 2-Nitroaniline	13.704	65	444080	21.331	ng/ul	97
47) Dimethylphthalate	14.080	163	1804740	20.769	ng/ul	99
48) 2,6-Dinitrotoluene	14.204	165	346410	21.632	ng/ul	99
50) Acenaphthylene	14.345	152	2328908	21.015	ng/ul	99
51) 3-Nitroaniline	14.527	138	385699	20.782	ng/ul	97
52) Acenaphthene	14.692	153	1608034	20.917	ng/ul	99
53) 2,4-Dinitrophenol	14.733	184	176618	17.586	ng/ul	94
55) 4-Nitrophenol	14.827	109	288019	20.732	ng/ul	97
56) Dibenzofuran	15.021	168	2204407	20.889	ng/ul	100
57) 2,4-Dinitrotoluene	14.986	165	515081	21.729	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.245	232	426223	21.180	ng/ul	98
59) Diethylphthalate	15.445	149	1883424	21.459	ng/ul	99
61) Fluorene	15.668	166	1866280	21.304	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.662	204	889110	21.222	ng/ul	97
63) 4-Nitroaniline	15.692	138	401378	22.726	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.745	198	293146	19.222	ng/ul	98
67) N-Nitrosodiphenylamine	15.880	169	1543378	20.863	ng/ul	99
68) 4-Bromophenyl-phenylether	16.562	248	506143	20.731	ng/ul	99
69) Hexachlorobenzene	16.674	284	581296	20.429	ng/ul	99
70) Atrazine	16.833	200	531249	21.022	ng/ul	99
71) Pentachlorophenol	17.015	266	361976	19.866	ng/ul	99
72) Phenanthrene	17.415	178	2843035	20.662	ng/ul	100
74) Anthracene	17.504	178	2944794	21.080	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.427	216	688892	19.893	ng/ul	99
76) Pentachlorobenzene	14.939	250	694327	20.204	ng/ul	99
77) Carbazole	17.774	167	2693770	21.481	ng/ul	100
78) Di-n-butylphthalate	18.339	149	3407947	23.269	ng/ul	100
80) Fluoranthene	19.427	202	3224879	20.642	ng/ul	100
82) Pyrene	19.792	202	3487616	20.917	ng/ul	99
83) Butylbenzylphthalate	20.686	149	1514532	22.960	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.468	252	990646	20.225	ng/ul	98
85) Benzo(a)anthracene	21.539	228	3334543	21.002	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	2315953	23.578	ng/ul	100
87) Chrysene	21.591	228	3145326	20.615	ng/ul	100
89) Di-n-octyl phthalate	22.409	149	3755510	22.919	ng/ul	100
90) Benzo(b)fluoranthene	23.256	252	3146132	21.103	ng/ul	99
91) Benzo(k)fluoranthene	23.303	252	3096522	21.014	ng/ul	99
93) Benzo(a)pyrene	23.891	252	2710021	21.011	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.550	276	3060638	20.579	ng/ul	98
95) Dibenzo(a,h)anthracene	26.568	278	2575166	20.550	ng/ul	100
96) Benzo(g,h,i)perylene	27.338	276	2362002	20.068	ng/ul	100

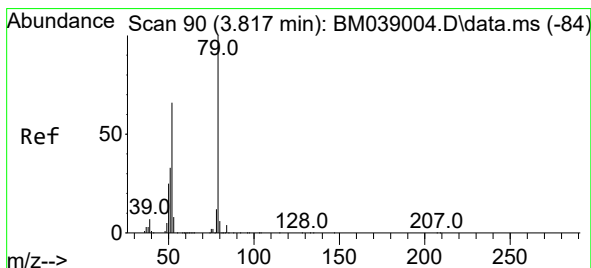
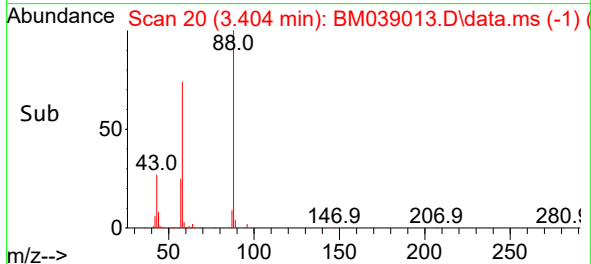
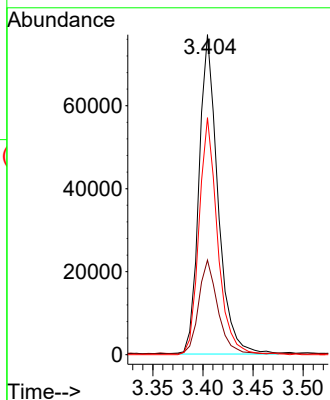
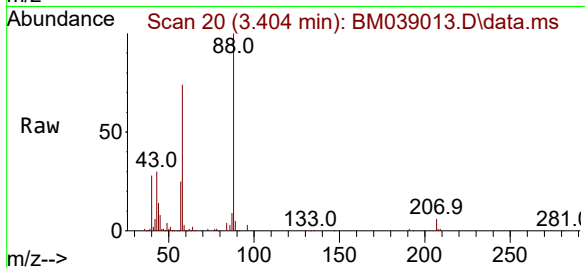
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#2
1,4-Dioxane
Concen: 8.357 ng/uL
RT: 3.404 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM039013.D
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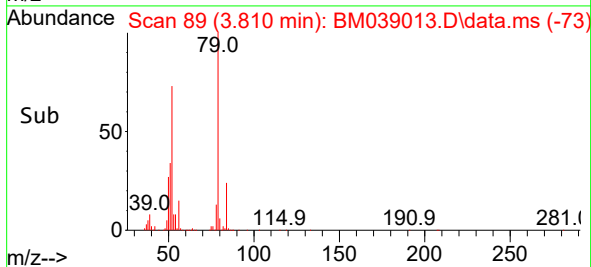
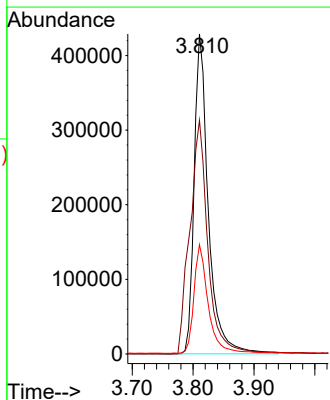
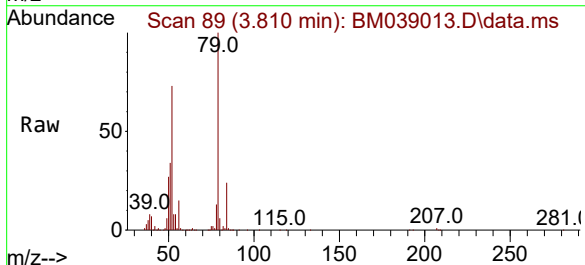
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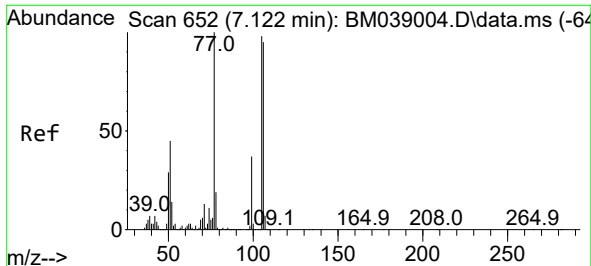
Tgt Ion: 88 Resp: 101138
Ion Ratio Lower Upper
88 100
43 29.5 24.0 36.0
58 74.0 59.8 89.8



#5
Pyridine
Concen: 20.950 ng/uL
RT: 3.810 min Scan# 89
Delta R.T. -0.006 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion: 79 Resp: 695559
Ion Ratio Lower Upper
79 100
52 73.1 56.6 85.0
51 34.2 27.8 41.6

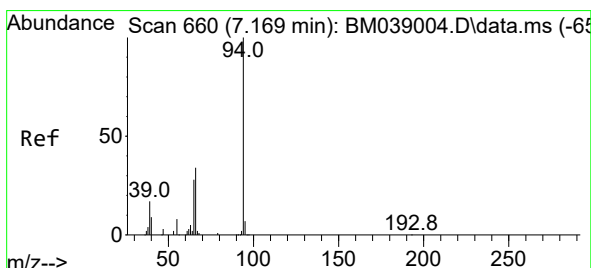
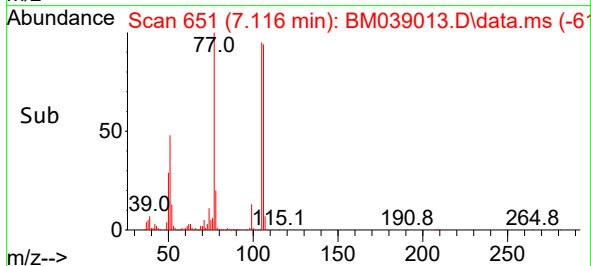
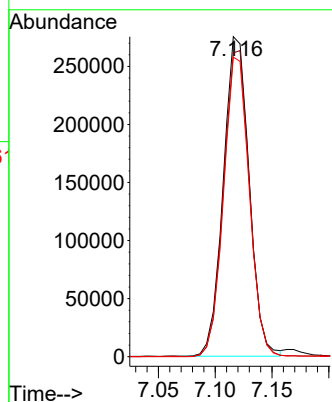
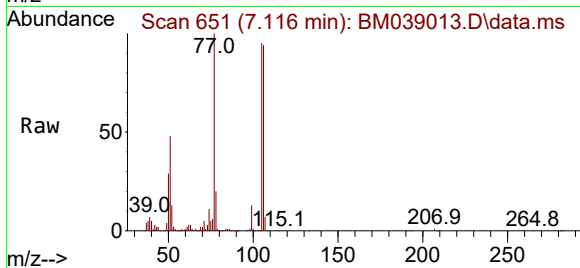




#6
Benzaldehyde
Concen: 24.016 ng/ul
RT: 7.116 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

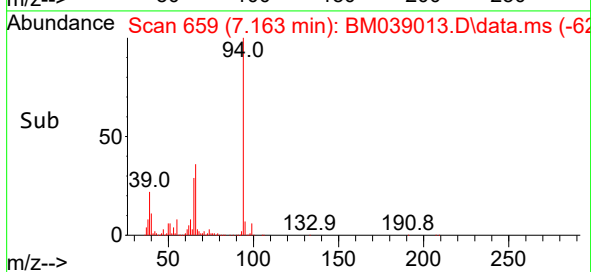
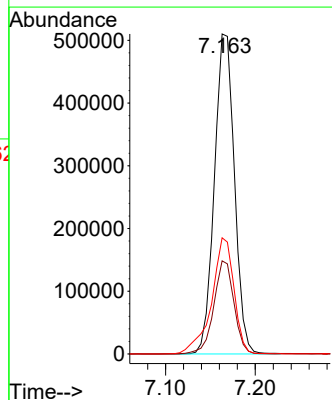
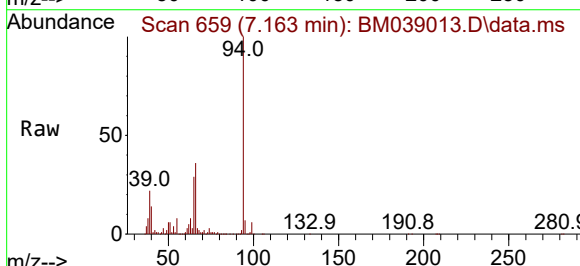
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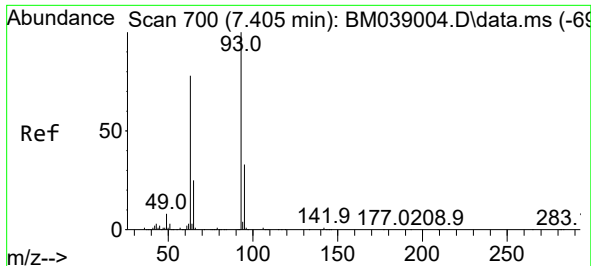
Tgt Ion: 77 Resp: 436346
Ion Ratio Lower Upper
77 100
105 94.9 77.8 116.8
106 93.6 75.4 113.2



#8
Phenol
Concen: 20.124 ng/ul
RT: 7.163 min Scan# 659
Delta R.T. -0.006 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion: 94 Resp: 791321
Ion Ratio Lower Upper
94 100
65 29.1 22.7 34.1
66 36.3 28.2 42.2

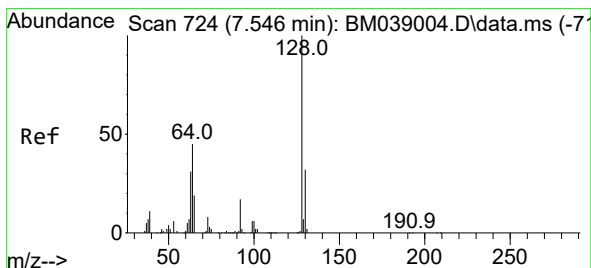
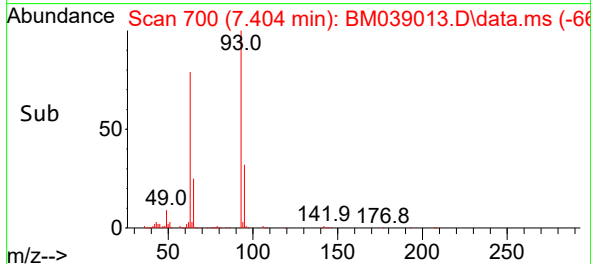
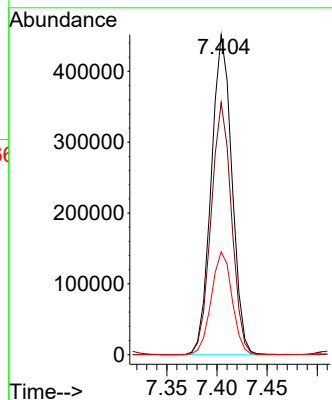
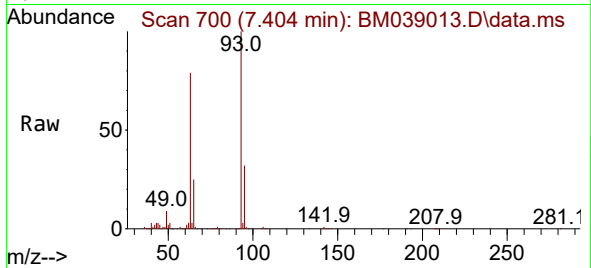




#10
Bis(2-Chloroethyl)ether
Concen: 20.680 ng/ul
RT: 7.404 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

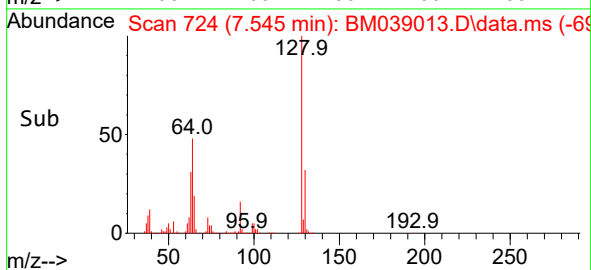
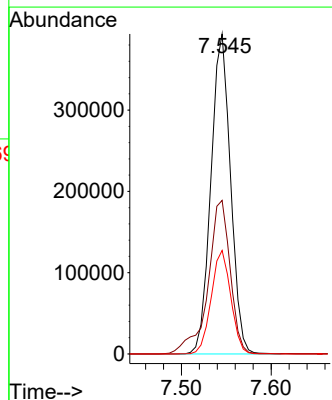
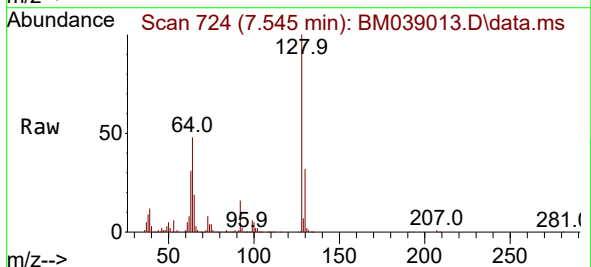
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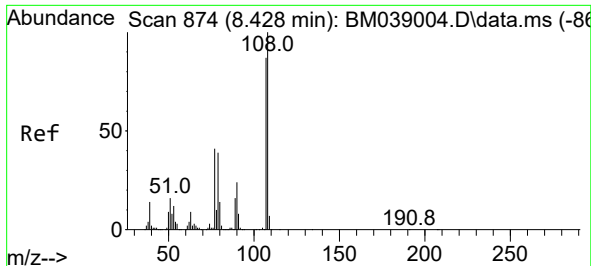
Tgt Ion: 93 Resp: 647730
Ion Ratio Lower Upper
93 100
63 78.8 61.1 91.7
95 32.1 25.4 38.2



#12
2-Chlorophenol
Concen: 20.958 ng/ul
RT: 7.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:128 Resp: 597231
Ion Ratio Lower Upper
128 100
64 48.0 39.7 59.5
130 32.4 26.2 39.2





#13

2-Methylphenol

Concen: 20.336 ng/ul

RT: 8.428 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

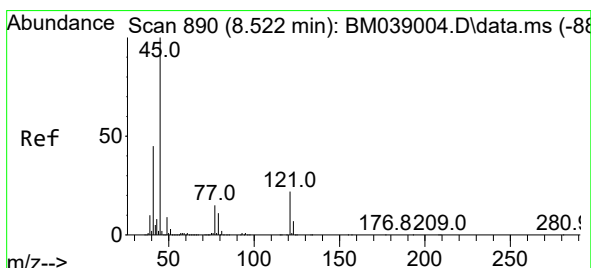
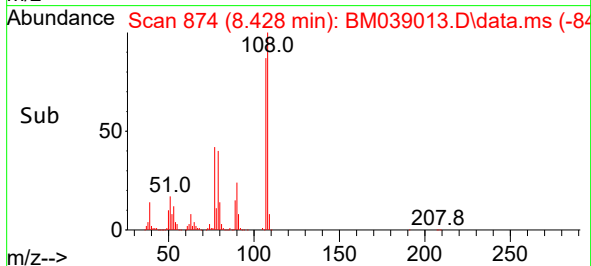
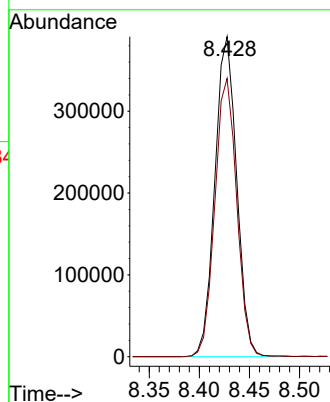
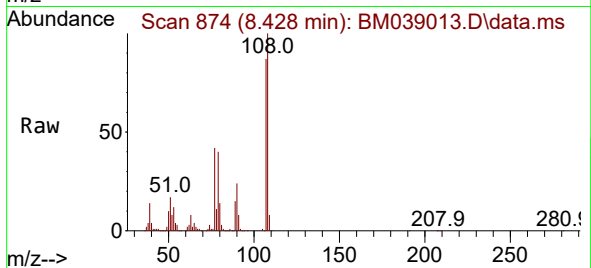
SSTD020109

Tgt Ion:108 Resp: 589815

Ion Ratio Lower Upper

108 100

107 87.0 71.4 107.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.578 ng/ul

RT: 8.522 min Scan# 890

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

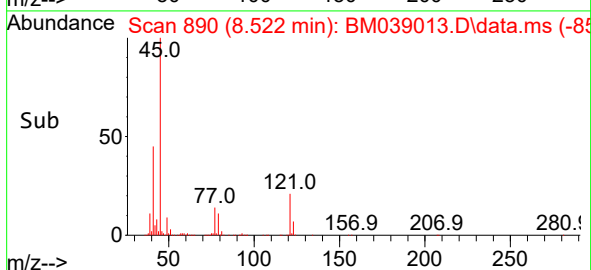
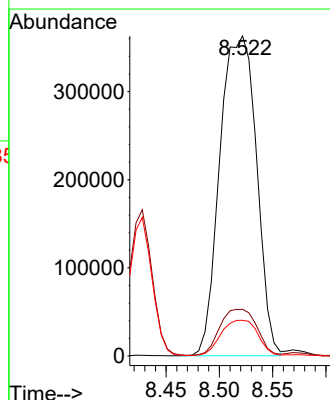
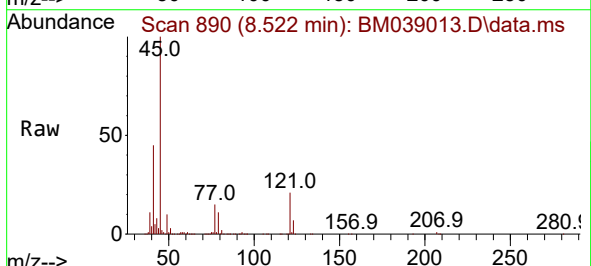
Tgt Ion: 45 Resp: 868821

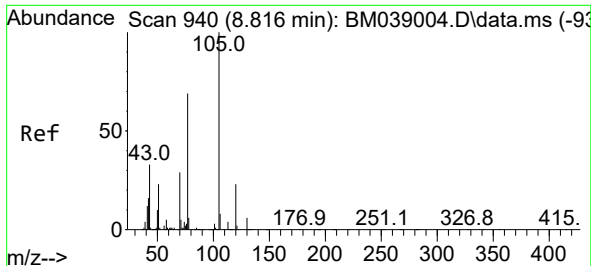
Ion Ratio Lower Upper

45 100

77 14.5 11.9 17.9

79 11.1 9.0 13.6

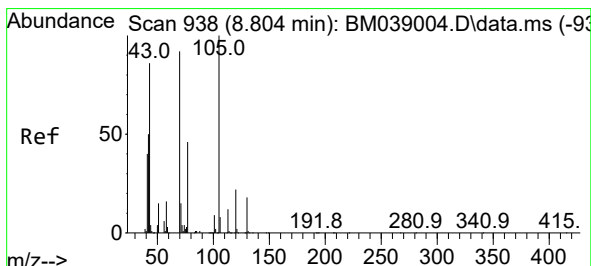
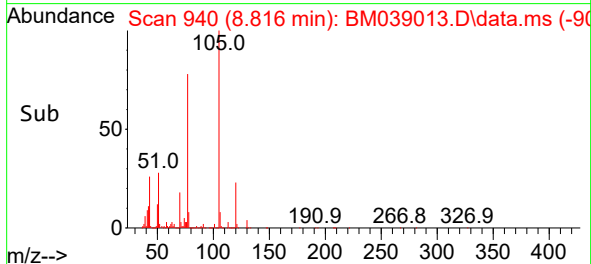
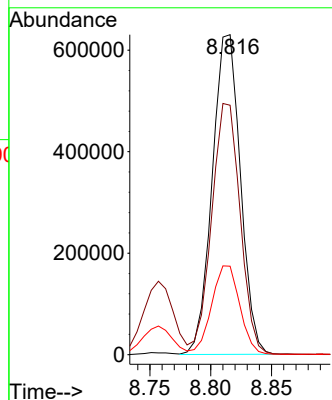
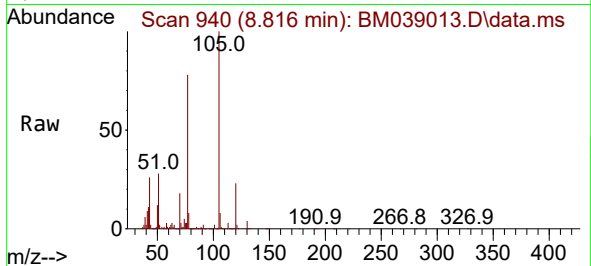




#16
Acetophenone
Concen: 21.184 ng/ul
RT: 8.816 min Scan# 940
Delta R.T. -0.000 min
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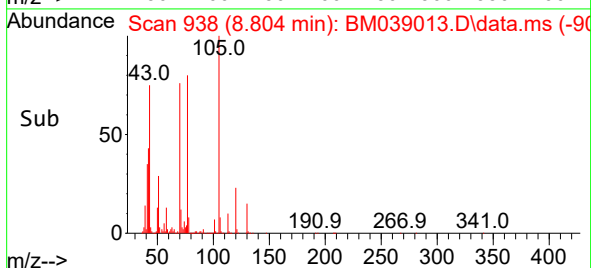
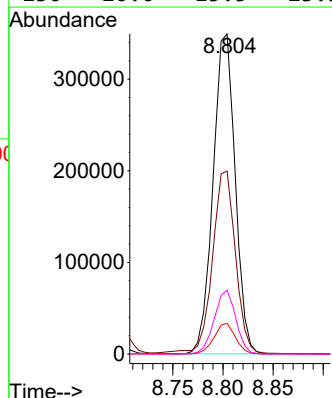
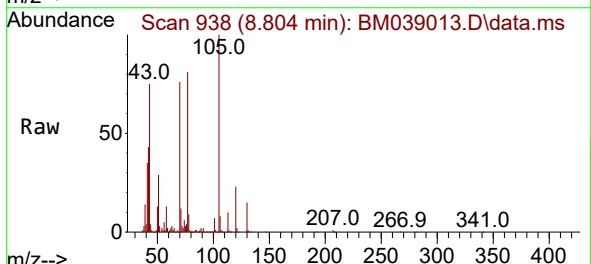
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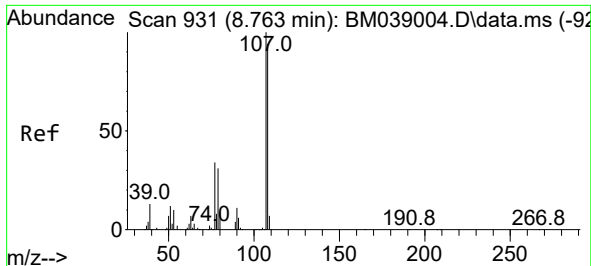
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Ion Ratio Lower Upper
105 100
77 77.9 62.6 93.8
51 27.6 21.9 32.9



#17
N-Nitroso-di-n-propylamine
Concen: 21.604 ng/ul
RT: 8.804 min Scan# 938
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion: 70 Resp: 535074
Ion Ratio Lower Upper
70 100
42 57.2 44.7 67.1
101 9.5 7.3 10.9
130 20.0 15.5 23.3

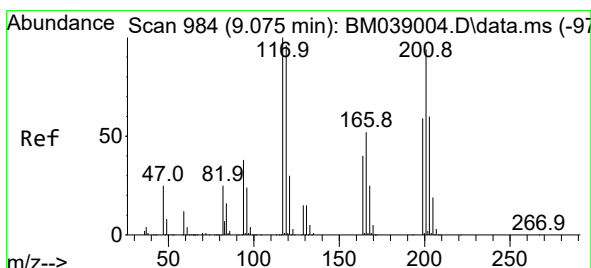
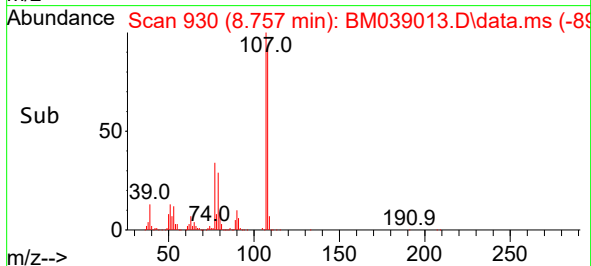
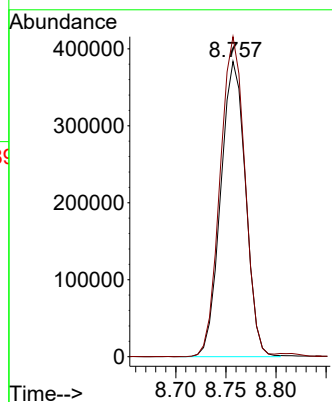
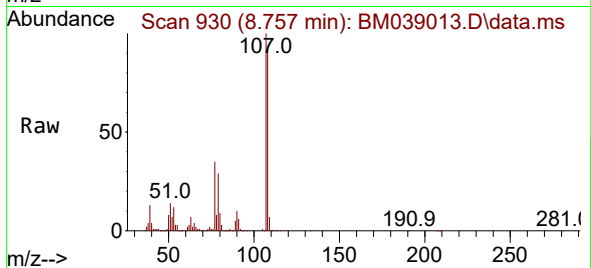




#18
4-Methylphenol
Concen: 20.529 ng/ul
RT: 8.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

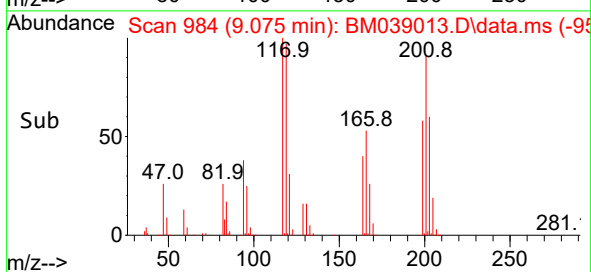
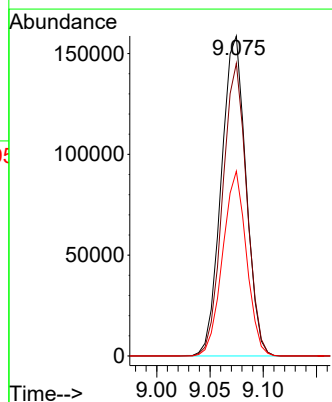
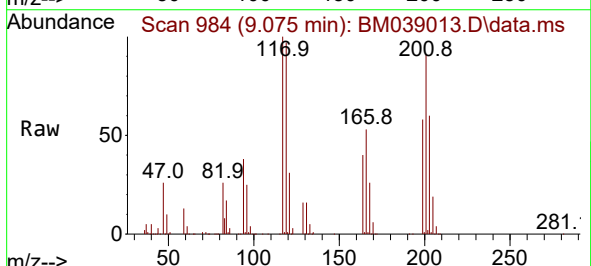
Instrument :
BNA_M
ClientSampleId :
SSTD020109

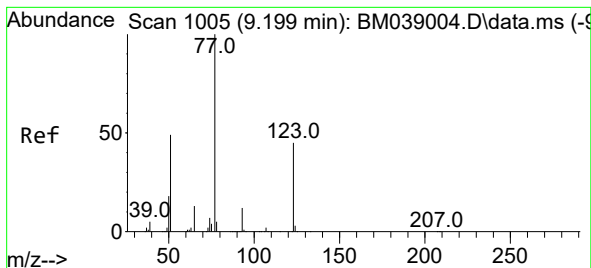
Tgt Ion:108 Resp: 661743
Ion Ratio Lower Upper
108 100
107 108.4 90.0 135.0



#19
Hexachloroethane
Concen: 21.293 ng/ul
RT: 9.075 min Scan# 984
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:117 Resp: 256247
Ion Ratio Lower Upper
117 100
201 91.5 71.6 107.4
199 57.7 45.1 67.7

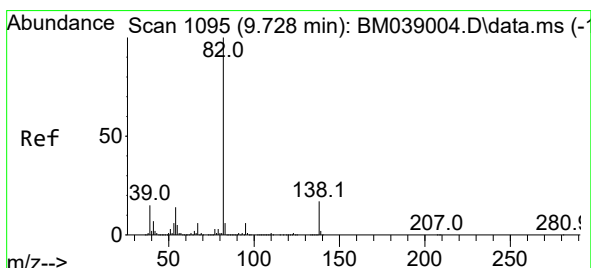
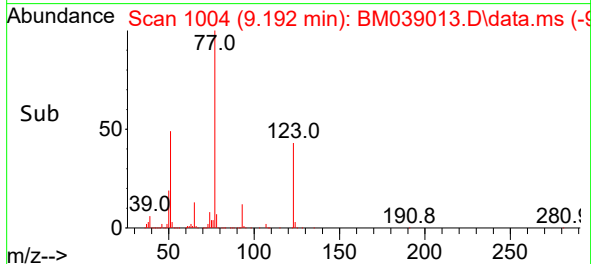
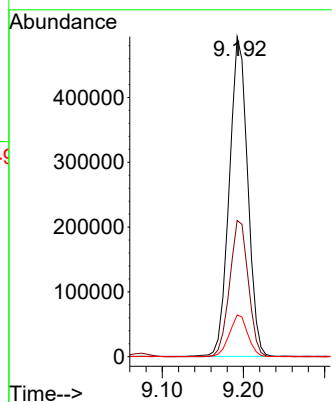
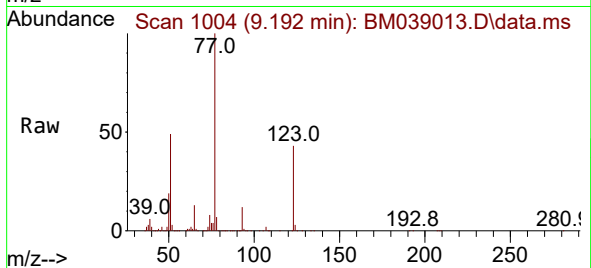




#22
Nitrobenzene
Concen: 20.892 ng/ul
RT: 9.192 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

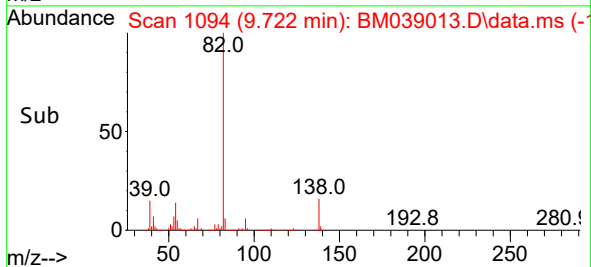
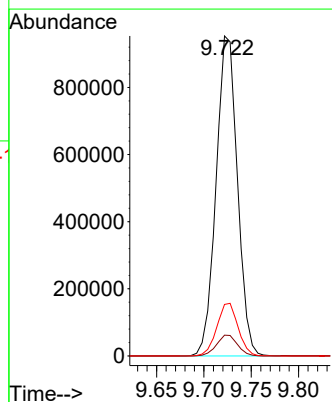
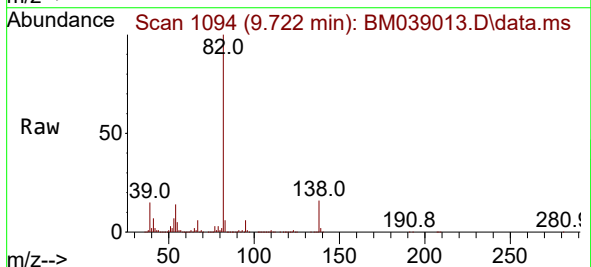
Instrument :
BNA_M
ClientSampleId :
SSTD020109

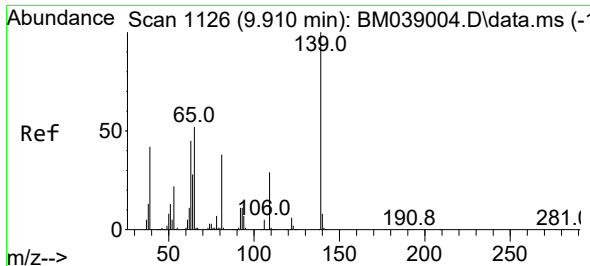
Tgt Ion: 77 Resp: 775202
Ion Ratio Lower Upper
77 100
123 42.6 34.2 51.2
65 13.1 10.6 16.0



#23
Isophorone
Concen: 21.081 ng/ul
RT: 9.722 min Scan# 1094
Delta R.T. -0.006 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion: 82 Resp: 1493939
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 16.1 13.3 19.9

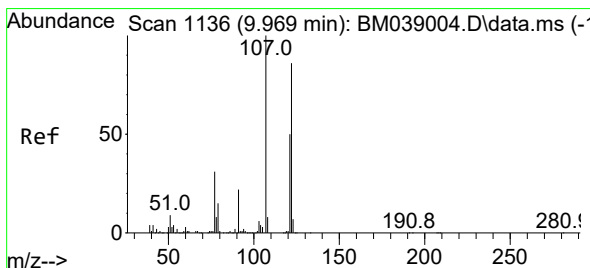
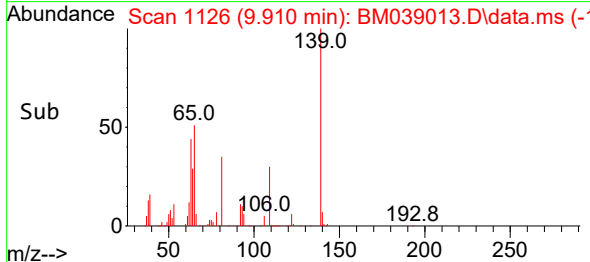
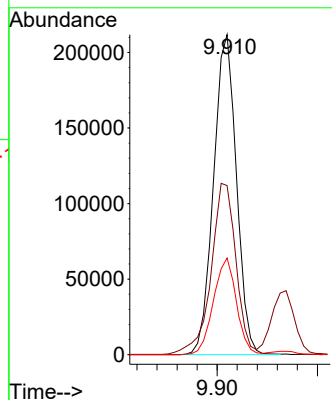
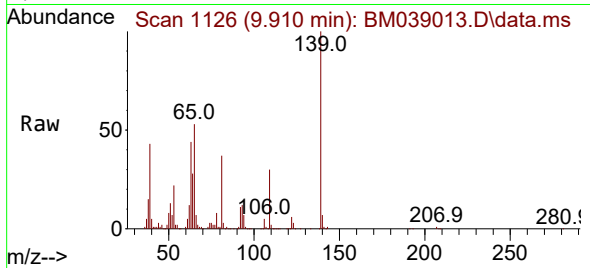




#25
2-Nitrophenol
Concen: 20.765 ng/ul
RT: 9.910 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

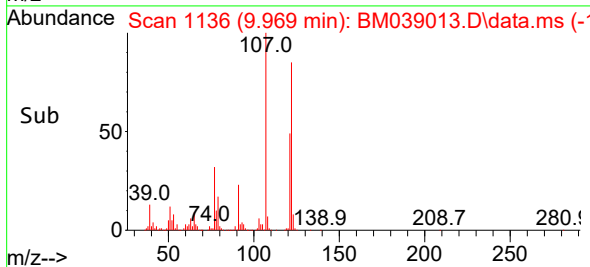
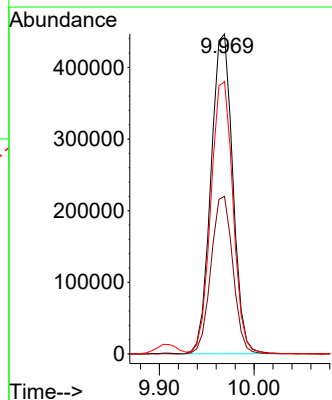
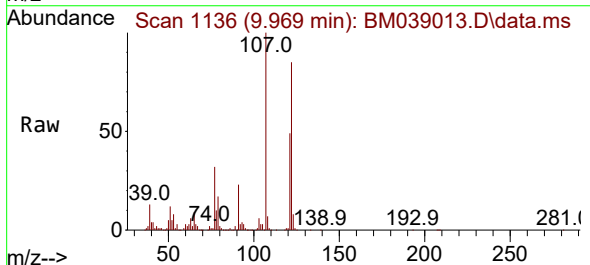
Instrument :
BNA_M
ClientSampleId :
SSTD020109

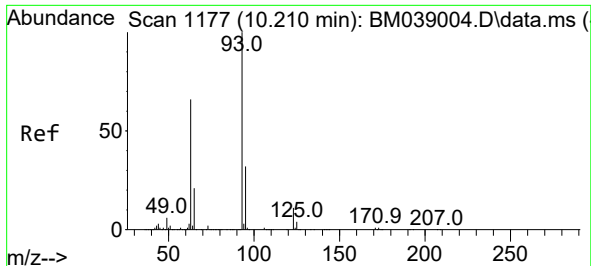
Tgt Ion:139 Resp: 335637
Ion Ratio Lower Upper
139 100
65 52.8 43.4 65.0
109 30.2 23.1 34.7



#26
2,4-Dimethylphenol
Concen: 20.902 ng/ul
RT: 9.969 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:107 Resp: 715277
Ion Ratio Lower Upper
107 100
121 49.3 40.6 60.8
122 85.1 69.7 104.5





#27

Bis(2-Chloroethoxy)methane

Concen: 20.715 ng/ul

RT: 10.210 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTD020109

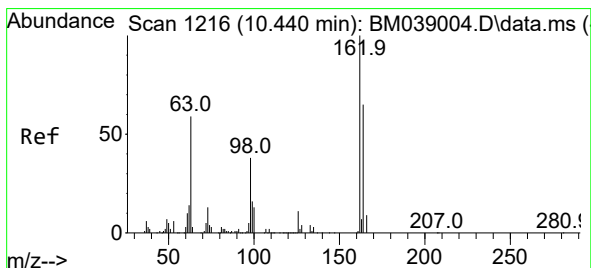
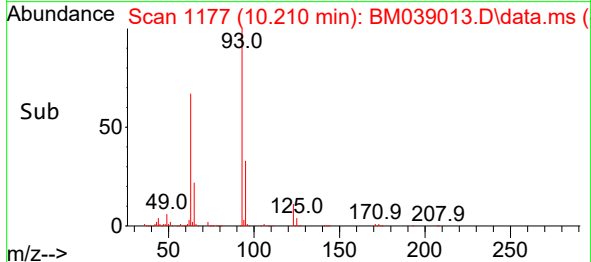
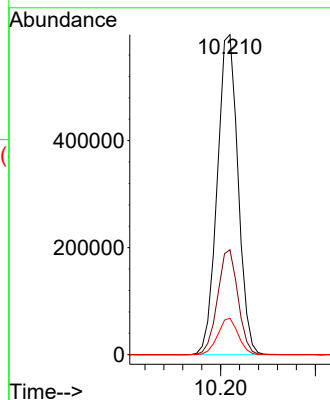
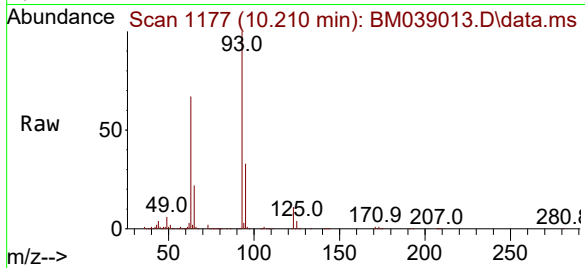
Tgt Ion: 93 Resp: 912632

Ion Ratio Lower Upper

93 100

95 32.8 25.9 38.9

123 11.4 9.1 13.7



#29

2,4-Dichlorophenol

Concen: 20.982 ng/ul

RT: 10.439 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

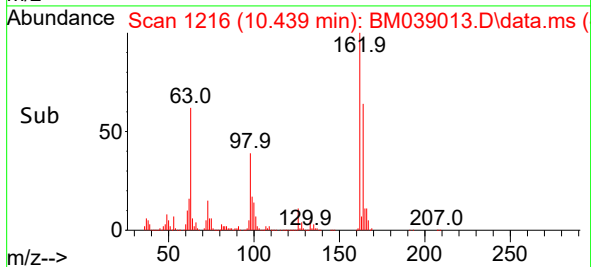
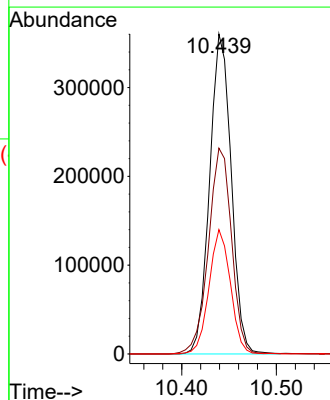
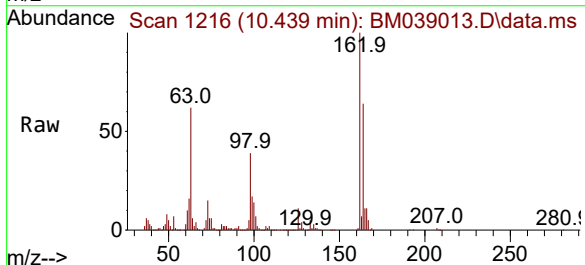
Tgt Ion:162 Resp: 570199

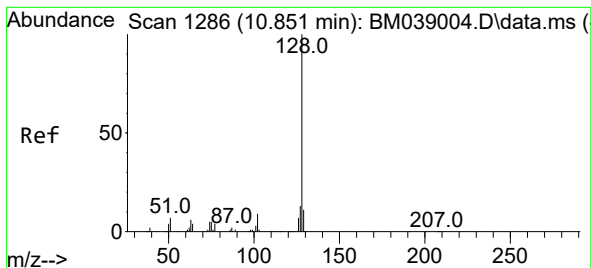
Ion Ratio Lower Upper

162 100

164 64.3 53.1 79.7

98 38.9 29.6 44.4

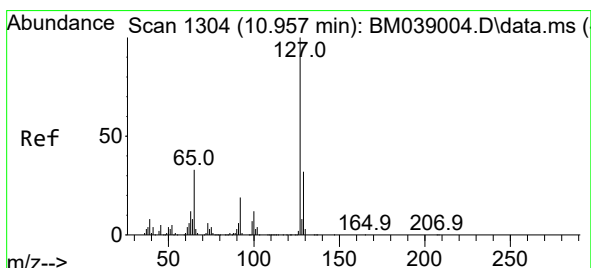
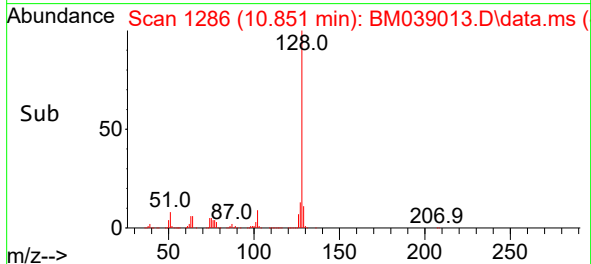
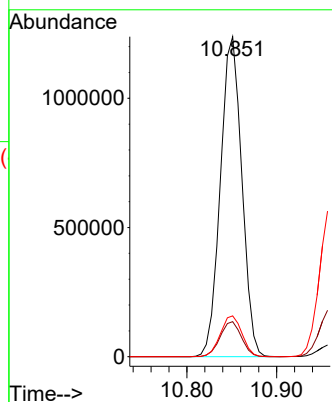
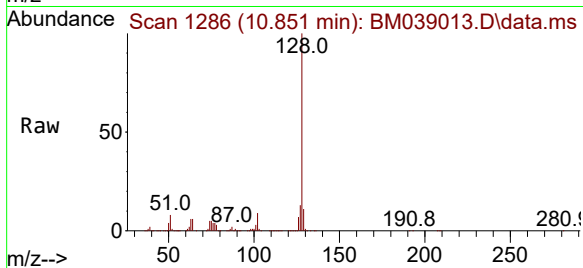




#30
Naphthalene
Concen: 20.694 ng/ul
RT: 10.851 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

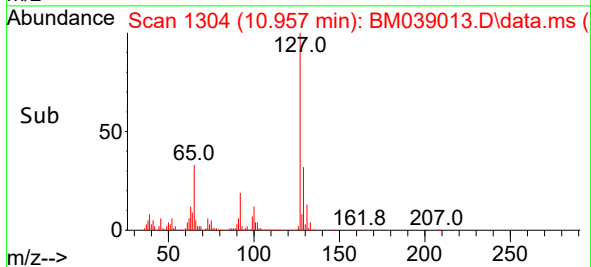
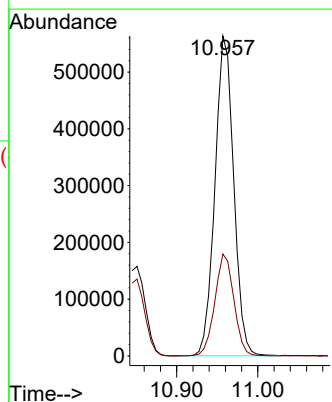
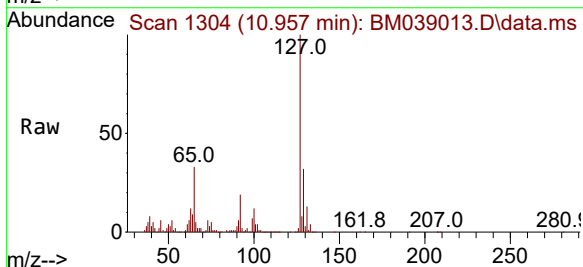
Instrument :
BNA_M
ClientSampleId :
SSTD020109

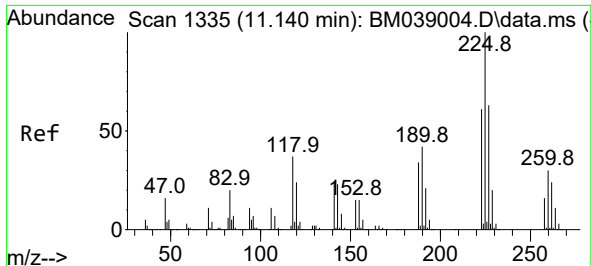
Tgt Ion:128 Resp: 2052281
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.7 10.3 15.5



#32
4-Chloroaniline
Concen: 20.578 ng/ul
RT: 10.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:127 Resp: 905339
Ion Ratio Lower Upper
127 100
129 31.9 25.9 38.9

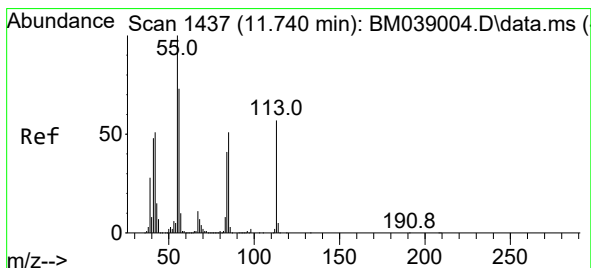
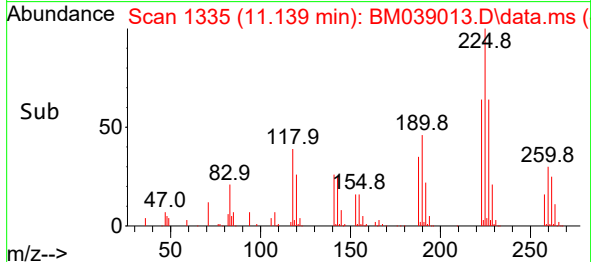
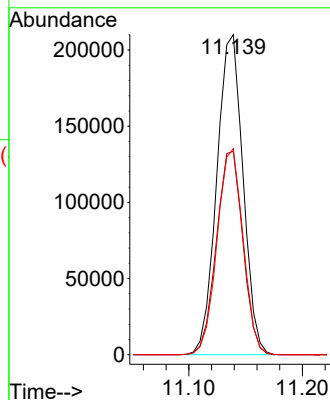
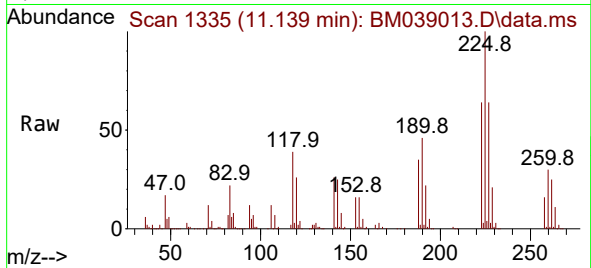




#33
Hexachlorobutadiene
Concen: 20.723 ng/ul
RT: 11.139 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

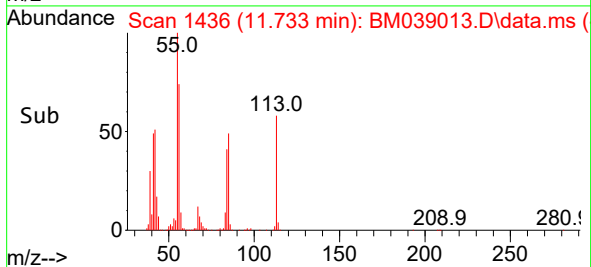
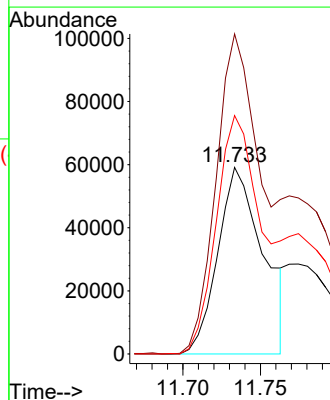
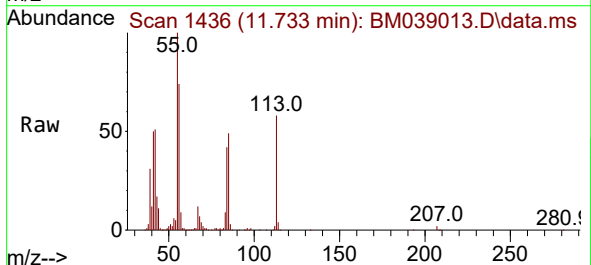
Instrument :
BNA_M
ClientSampleId :
SSTD020109

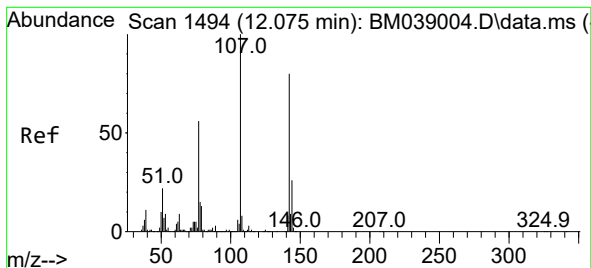
Tgt Ion:225 Resp: 336936
Ion Ratio Lower Upper
225 100
223 63.5 49.8 74.6
227 64.4 50.2 75.4



#34
Caprolactam
Concen: 12.893 ng/ul
RT: 11.733 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:113 Resp: 119615
Ion Ratio Lower Upper
113 100
55 171.5 141.8 212.8
56 127.8 102.2 153.2

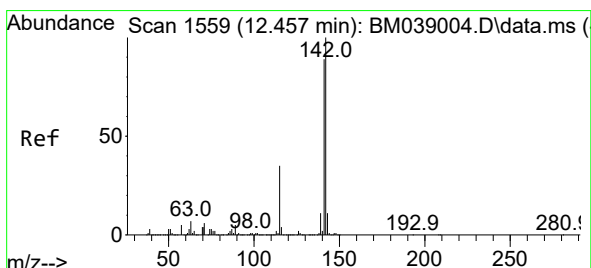
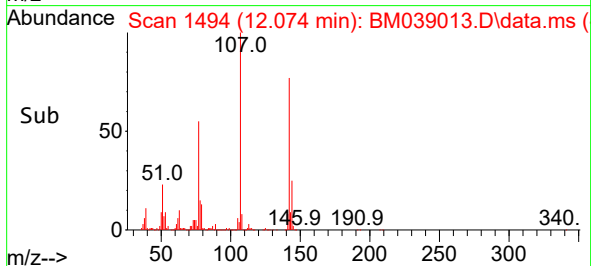
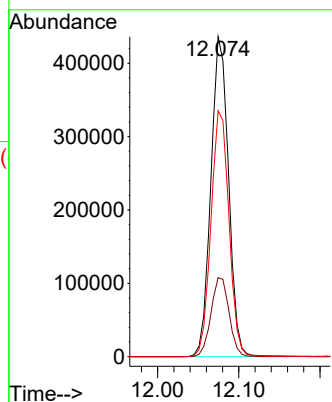
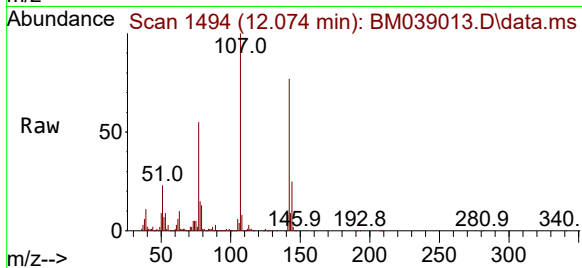




#35
4-Chloro-3-methylphenol
Concen: 21.291 ng/ul
RT: 12.074 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

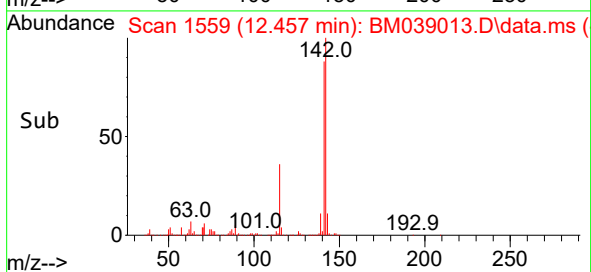
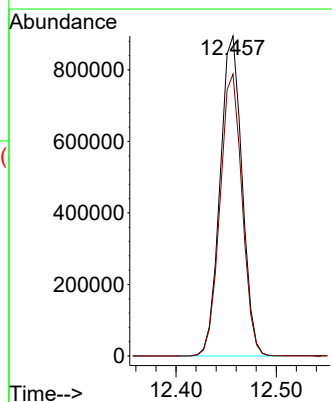
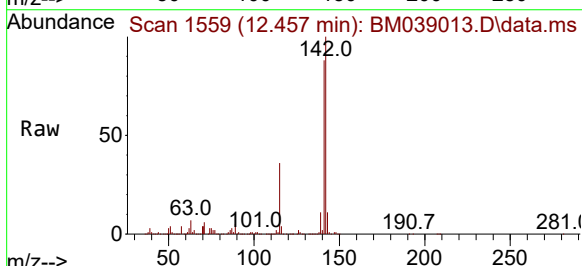
Instrument :
BNA_M
ClientSampleId :
SSTD020109

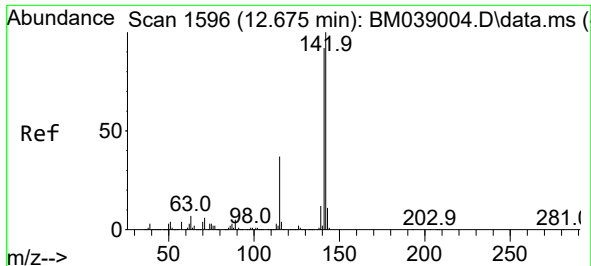
Tgt Ion:107 Resp: 659173
Ion Ratio Lower Upper
107 100
144 24.7 19.9 29.9
142 76.9 62.6 93.8



#36
2-Methylnaphthalene
Concen: 21.118 ng/ul
RT: 12.457 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:142 Resp: 1359336
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1





#37

1-Methylnaphthalene

Concen: 21.057 ng/ul

RT: 12.674 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTD020109

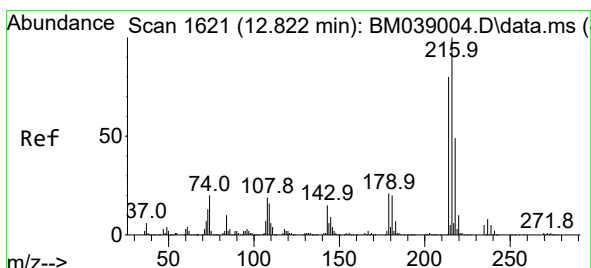
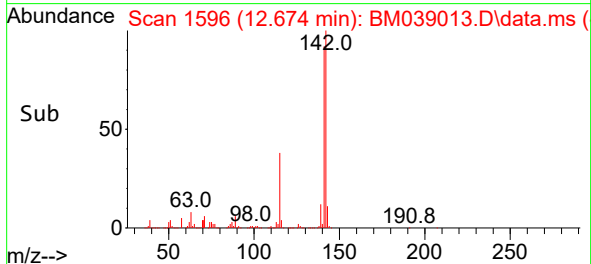
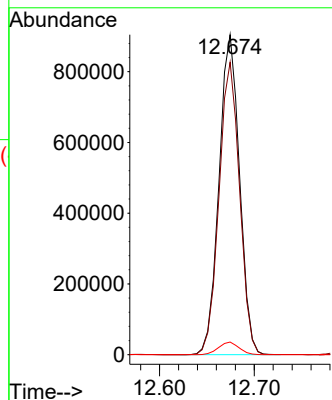
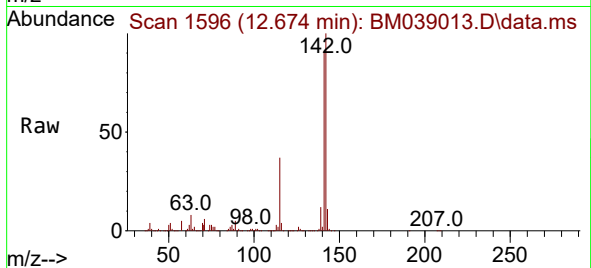
Tgt Ion:142 Resp: 1361537

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7

116 3.9 3.0 4.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.348 ng/ul

RT: 12.821 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Tgt Ion:216 Resp: 676123

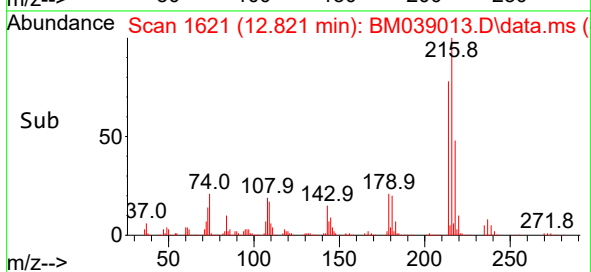
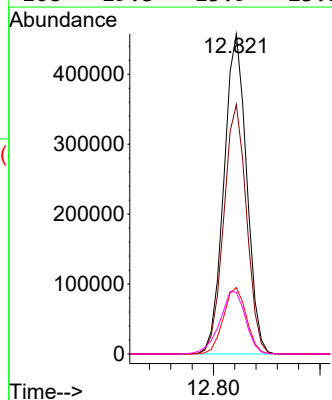
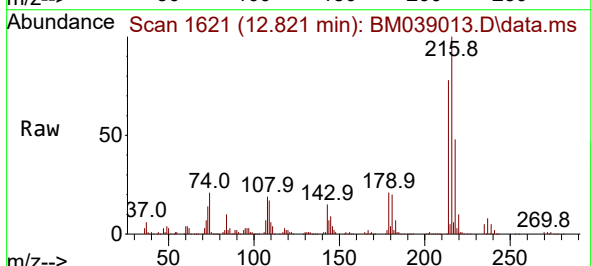
Ion Ratio Lower Upper

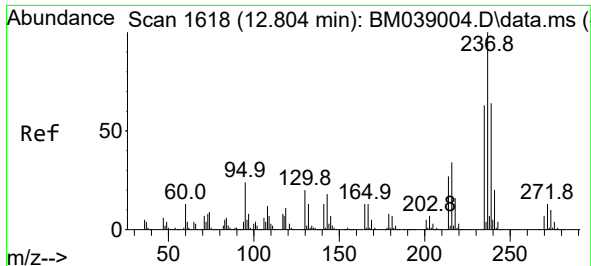
216 100

214 78.0 62.6 93.8

179 20.7 17.0 25.4

108 19.3 15.9 23.9

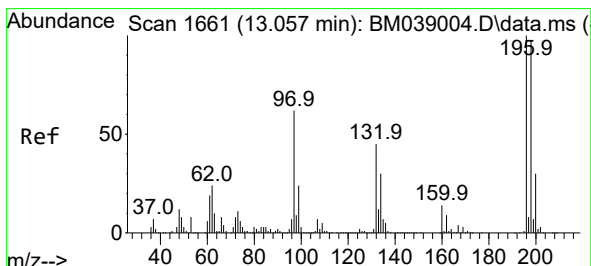
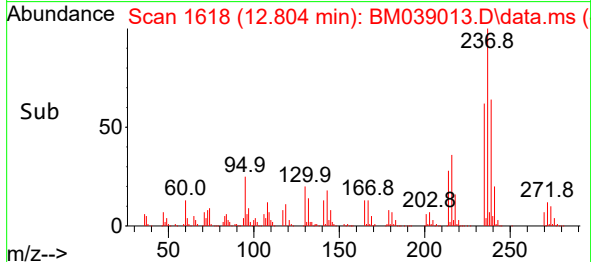
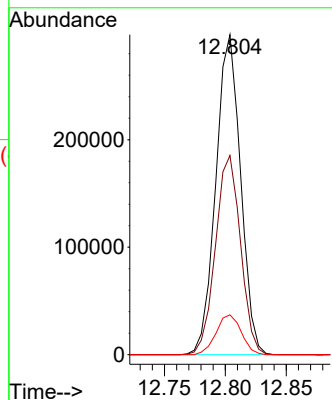
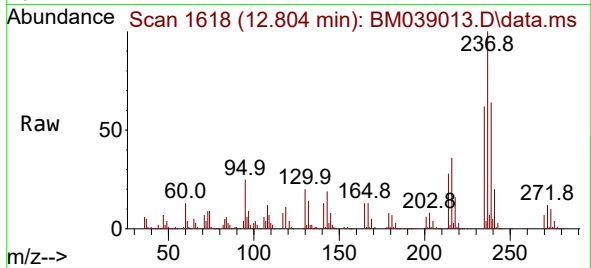




#40
Hexachlorocyclopentadiene
Concen: 19.430 ng/ul
RT: 12.804 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

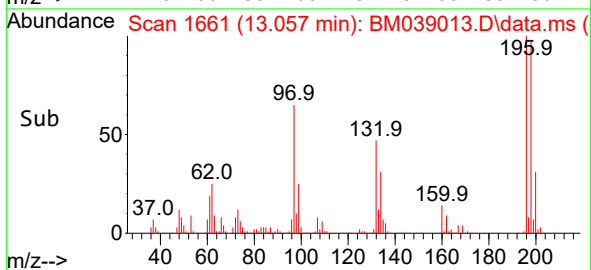
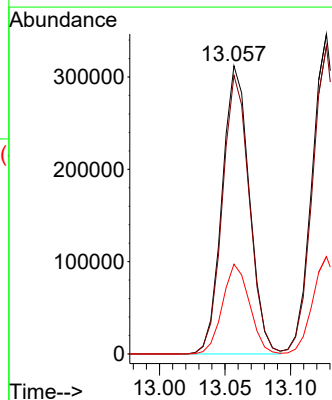
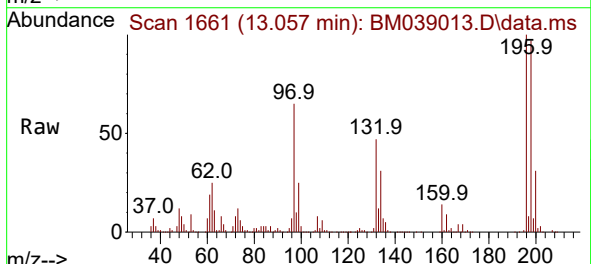
Instrument :
BNA_M
ClientSampleId :
SSTD020109

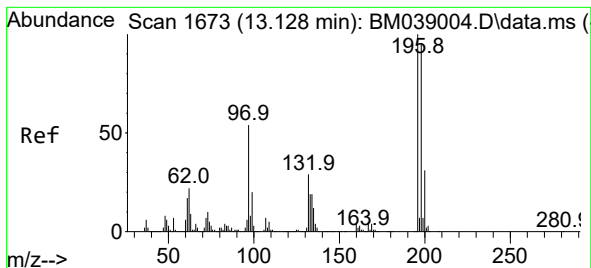
Tgt Ion:237 Resp: 421341
Ion Ratio Lower Upper
237 100
235 62.3 50.0 75.0
272 12.5 10.7 16.1



#41
2,4,6-Trichlorophenol
Concen: 20.788 ng/ul
RT: 13.057 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:196 Resp: 451773
Ion Ratio Lower Upper
196 100
198 96.7 76.1 114.1
200 31.1 25.4 38.0





#42

2,4,5-Trichlorophenol

Concen: 21.012 ng/ul

RT: 13.127 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTD020109

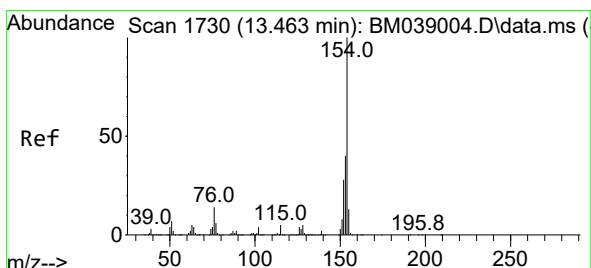
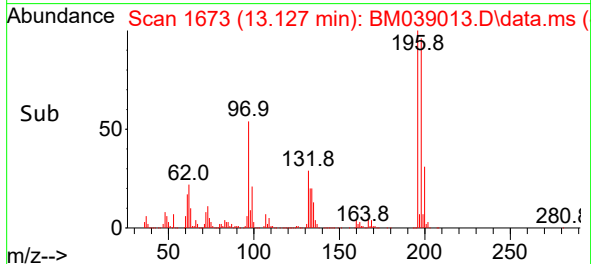
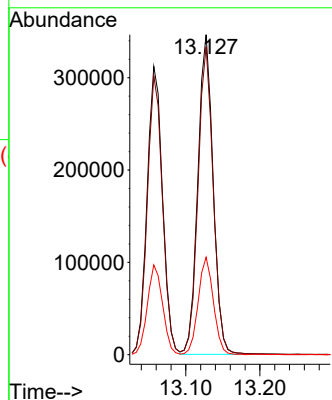
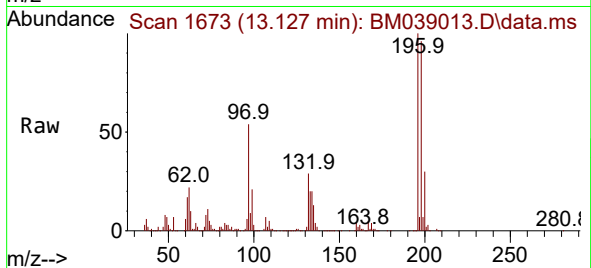
Tgt Ion:196 Resp: 496548

Ion Ratio Lower Upper

196 100

198 96.3 78.2 117.2

200 30.5 24.9 37.3



#43

1,1'-Biphenyl

Concen: 20.581 ng/ul

RT: 13.463 min Scan# 1730

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

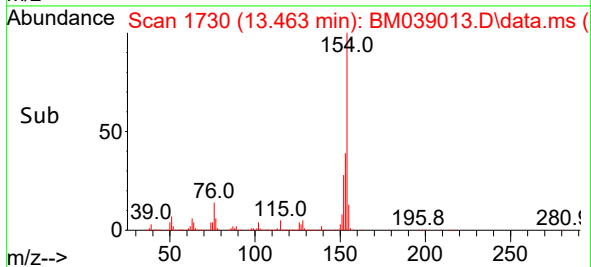
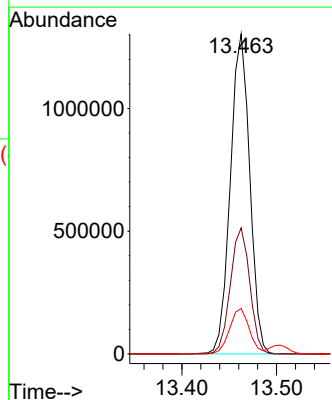
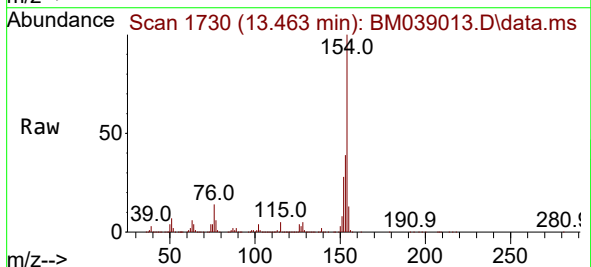
Tgt Ion:154 Resp: 1852743

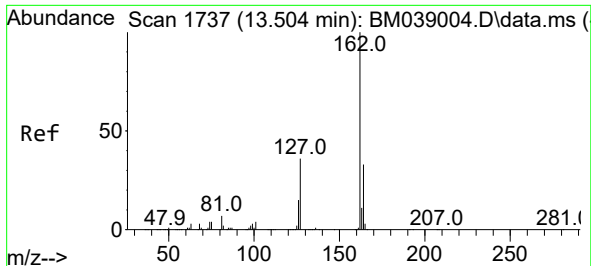
Ion Ratio Lower Upper

154 100

153 39.4 32.0 48.0

76 14.2 11.5 17.3

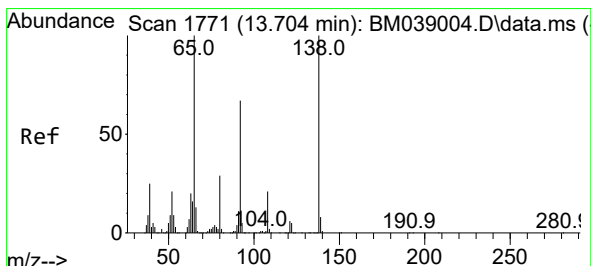
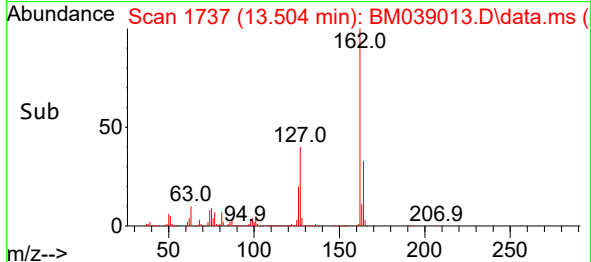
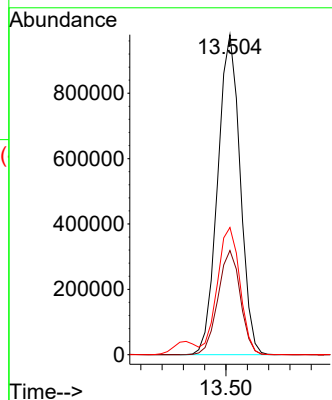
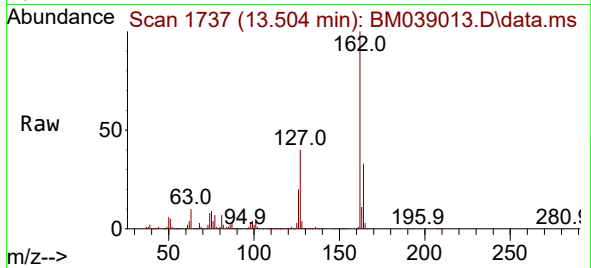




#44
2-Chloronaphthalene
Concen: 20.509 ng/ul
RT: 13.504 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

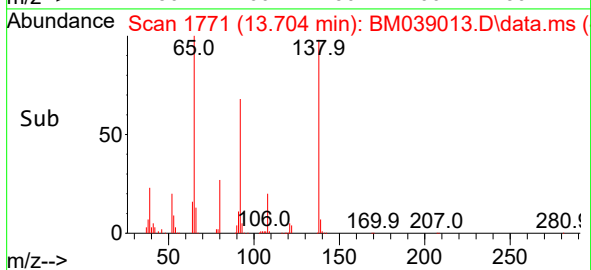
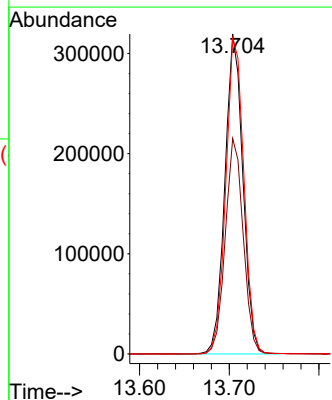
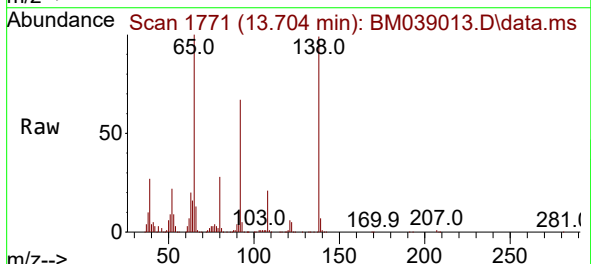
Instrument :
BNA_M
ClientSampleId :
SSTD020109

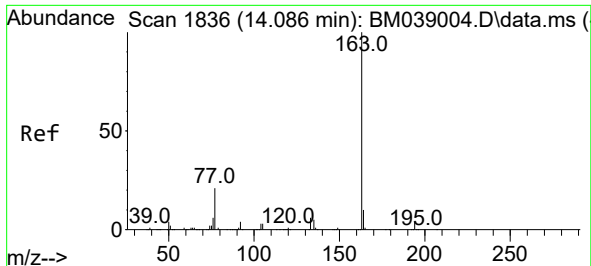
Tgt Ion:162 Resp: 1432886
Ion Ratio Lower Upper
162 100
164 32.5 26.6 39.8
127 39.7 32.2 48.2



#45
2-Nitroaniline
Concen: 21.331 ng/ul
RT: 13.704 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion: 65 Resp: 444080
Ion Ratio Lower Upper
65 100
92 67.4 53.3 79.9
138 98.7 82.9 124.3





#47

Dimethylphthalate

Concen: 20.769 ng/ul

RT: 14.080 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTD020109

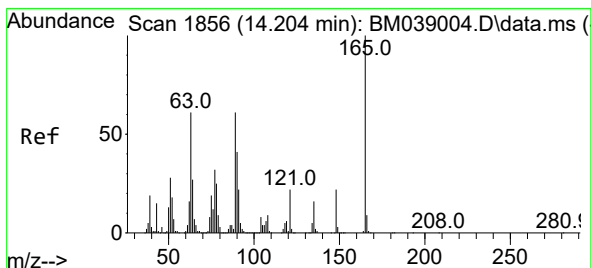
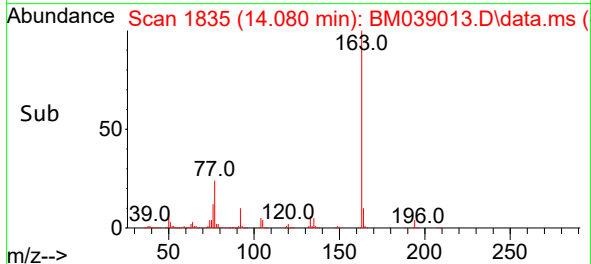
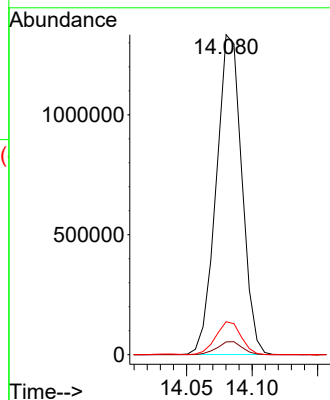
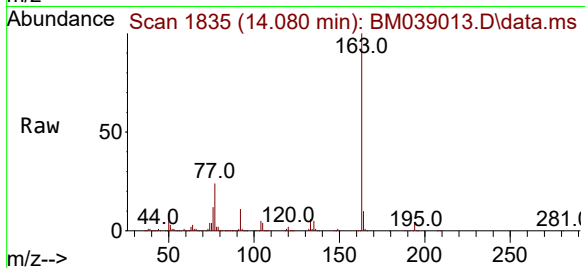
Tgt Ion:163 Resp: 1804740

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.0 12.0



#48

2,6-Dinitrotoluene

Concen: 21.632 ng/ul

RT: 14.204 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

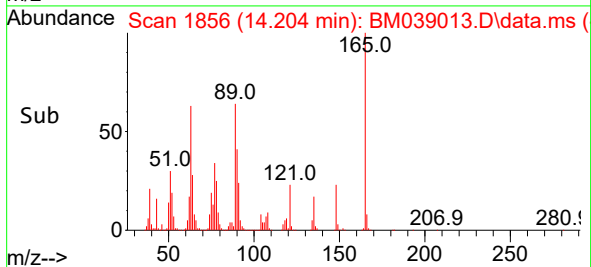
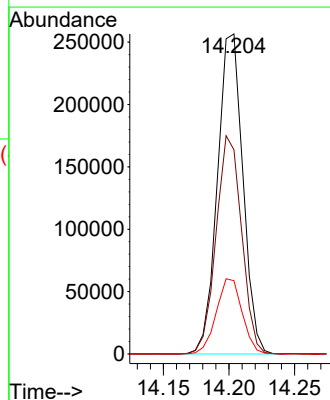
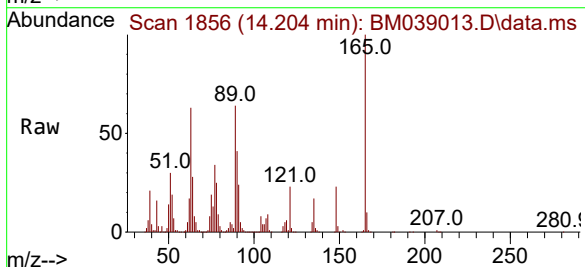
Tgt Ion:165 Resp: 346410

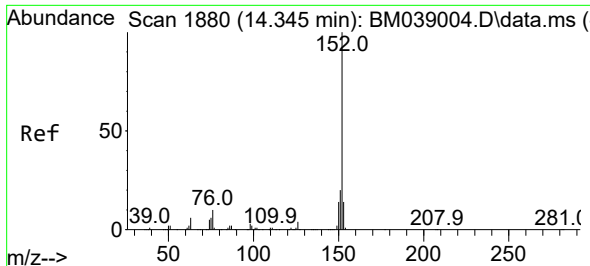
Ion Ratio Lower Upper

165 100

89 63.8 50.2 75.4

121 22.9 18.0 27.0

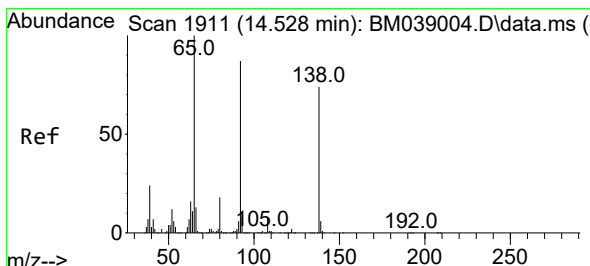
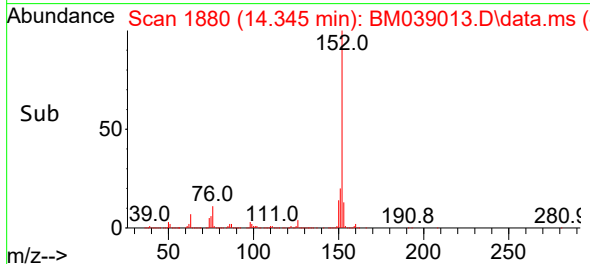
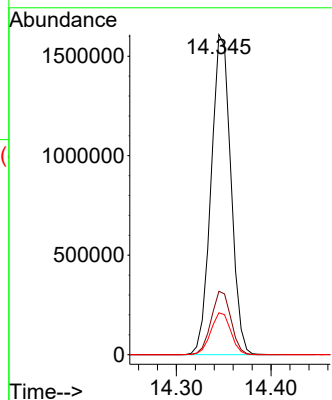
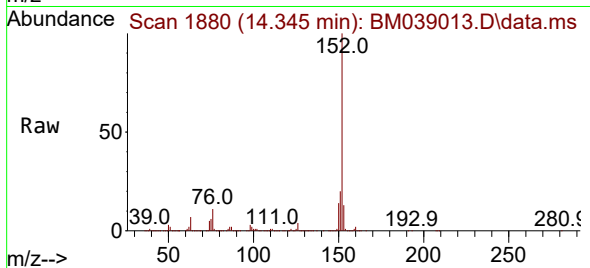




#50
Acenaphthylene
Concen: 21.015 ng/ul
RT: 14.345 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

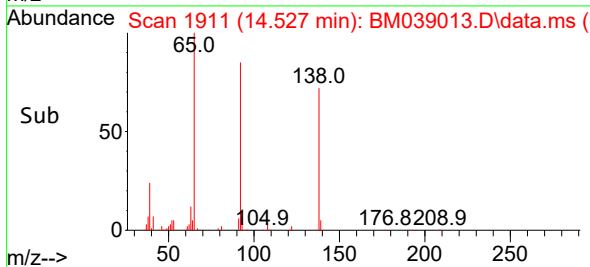
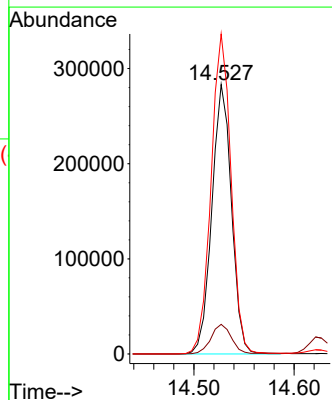
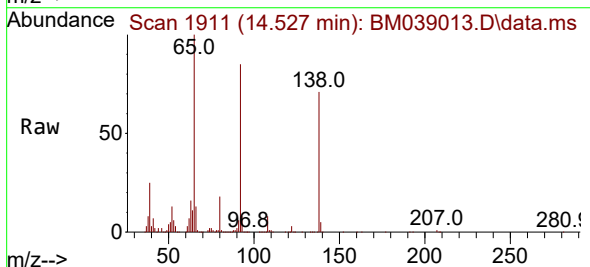
Instrument :
BNA_M
ClientSampleId :
SSTD020109

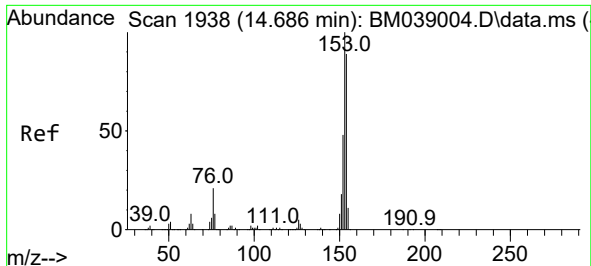
Tgt Ion:152 Resp: 2328908
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.1 10.2 15.4



#51
3-Nitroaniline
Concen: 20.782 ng/ul
RT: 14.527 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:138 Resp: 385699
Ion Ratio Lower Upper
138 100
108 11.0 8.9 13.3
92 118.8 97.9 146.9

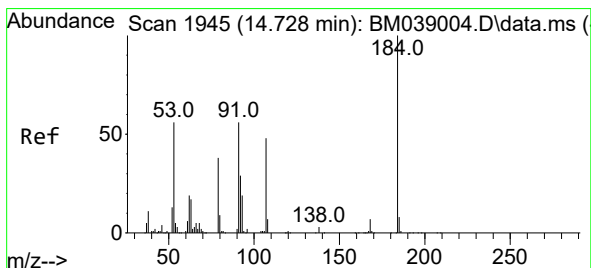
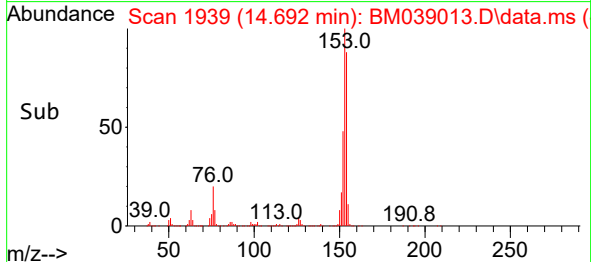
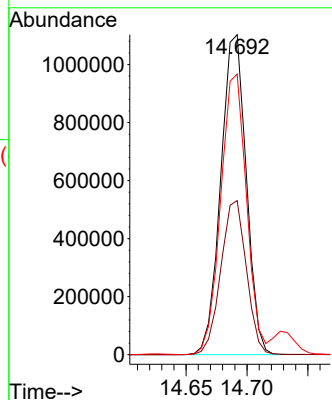
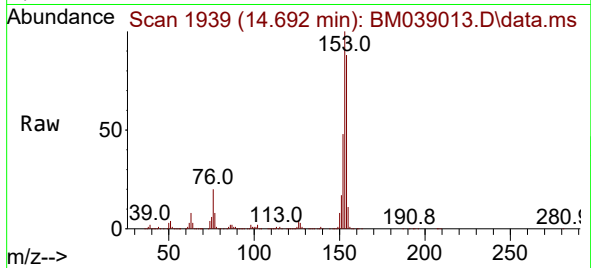




#52
Acenaphthene
Concen: 20.917 ng/ul
RT: 14.692 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

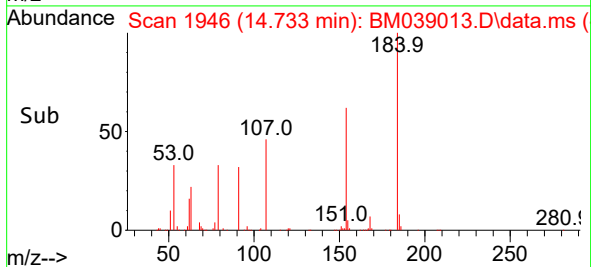
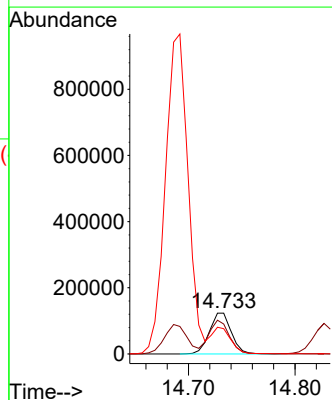
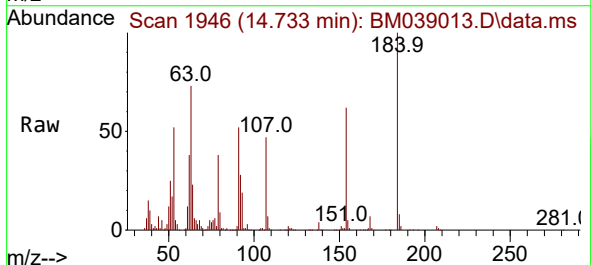
Instrument :
BNA_M
ClientSampleId :
SSTD020109

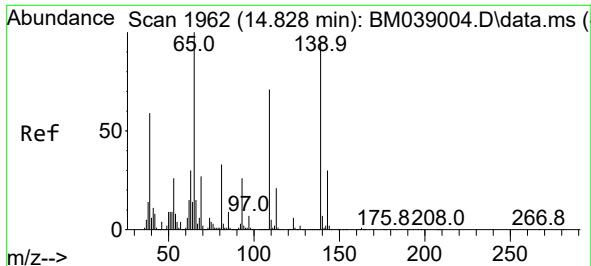
Tgt Ion:153 Resp: 1608034
Ion Ratio Lower Upper
153 100
152 48.1 38.1 57.1
154 87.7 71.4 107.0



#53
2,4-Dinitrophenol
Concen: 17.586 ng/ul
RT: 14.733 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:184 Resp: 176618
Ion Ratio Lower Upper
184 100
63 73.4 64.7 97.1
154 61.9 50.8 76.2

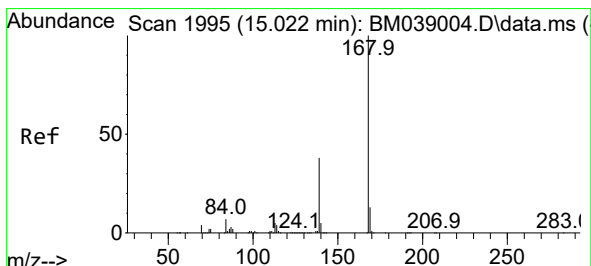
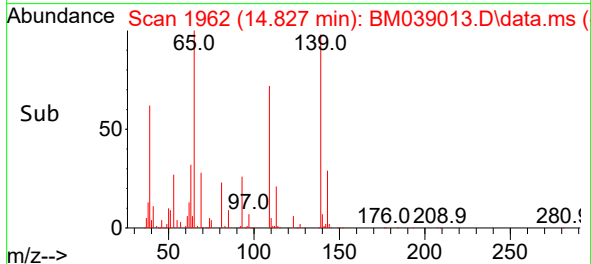
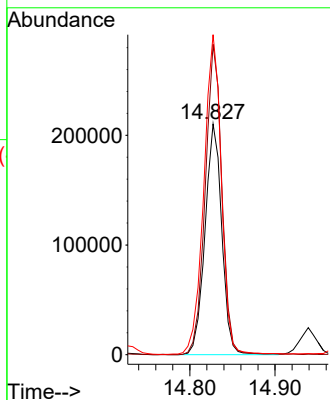
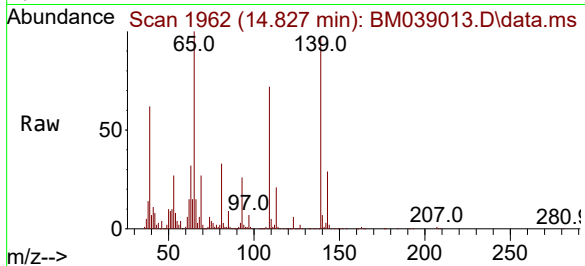




#55
4-Nitrophenol
Concen: 20.732 ng/ul
RT: 14.827 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

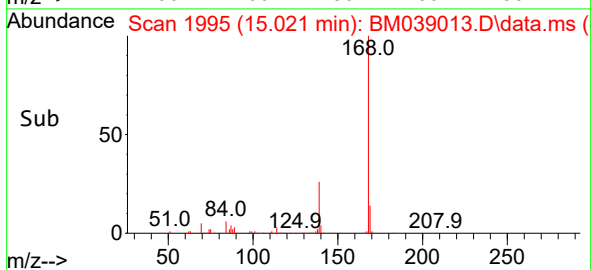
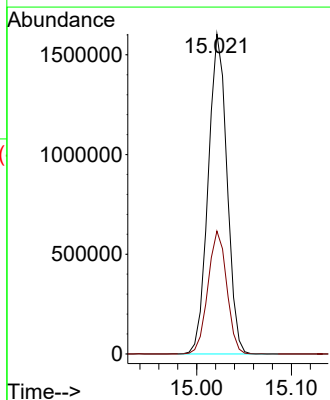
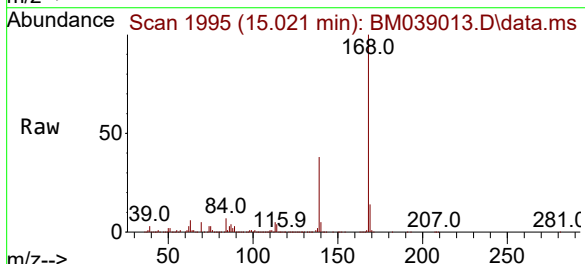
Instrument :
BNA_M
ClientSampleId :
SSTD020109

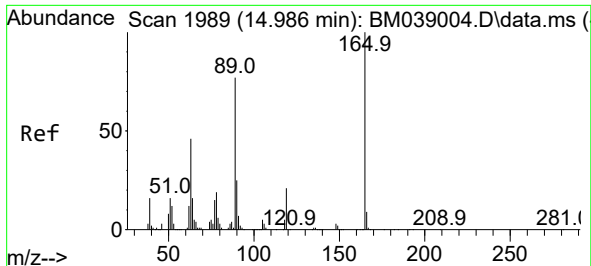
Tgt Ion:109 Resp: 288019
Ion Ratio Lower Upper
109 100
139 134.5 103.4 155.0
65 138.7 108.7 163.1



#56
Dibenzofuran
Concen: 20.889 ng/ul
RT: 15.021 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:168 Resp: 2204407
Ion Ratio Lower Upper
168 100
139 38.4 30.7 46.1





#57

2,4-Dinitrotoluene

Concen: 21.729 ng/ul

RT: 14.986 min Scan# 1989

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTD020109

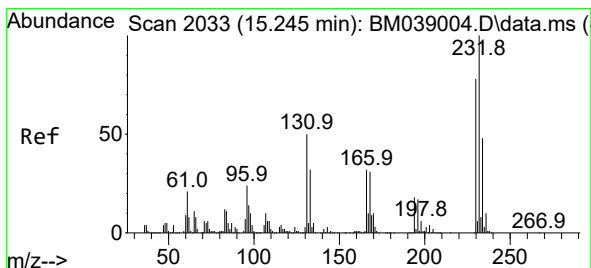
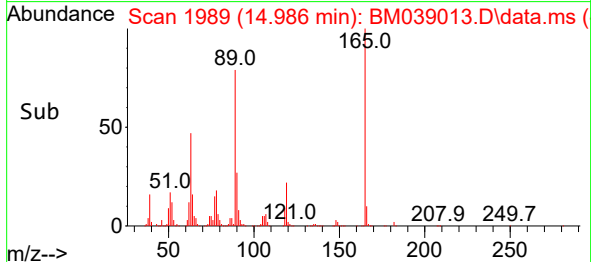
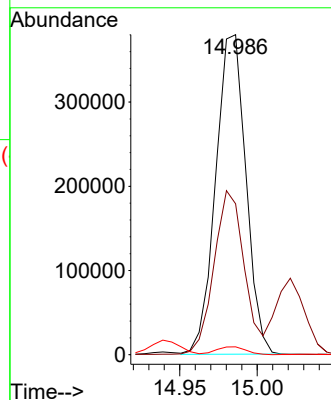
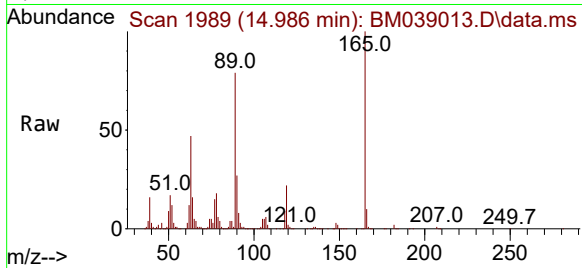
Tgt Ion:165 Resp: 515081

Ion Ratio Lower Upper

165 100

63 47.1 38.7 58.1

182 2.5 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.180 ng/ul

RT: 15.245 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Tgt Ion:232 Resp: 426223

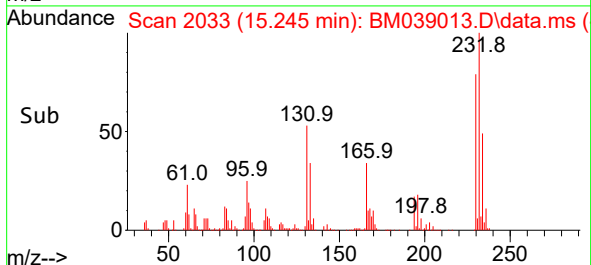
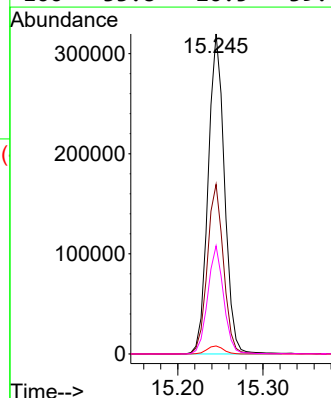
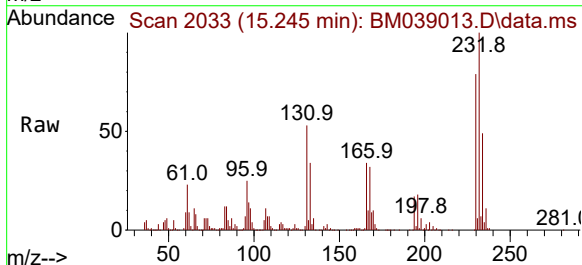
Ion Ratio Lower Upper

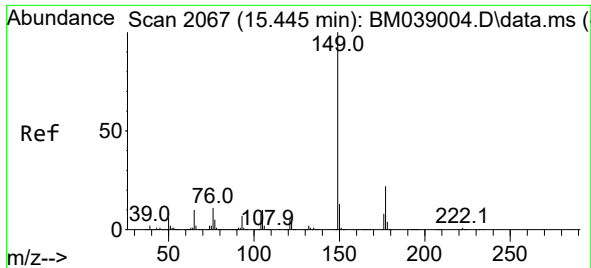
232 100

131 53.0 41.3 61.9

130 2.5 2.2 3.4

166 33.8 26.5 39.7

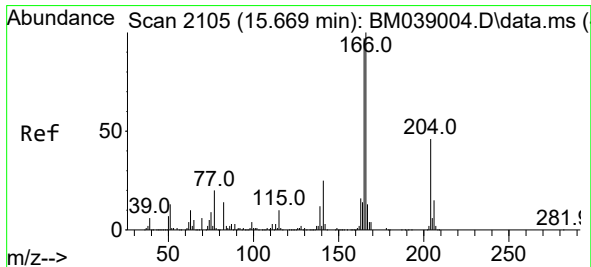
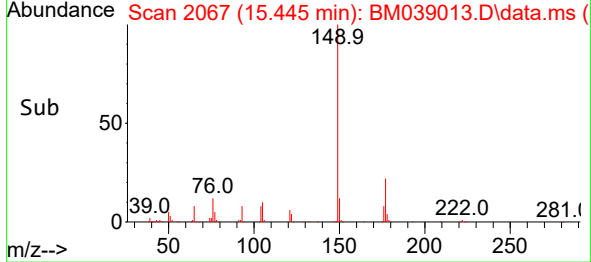
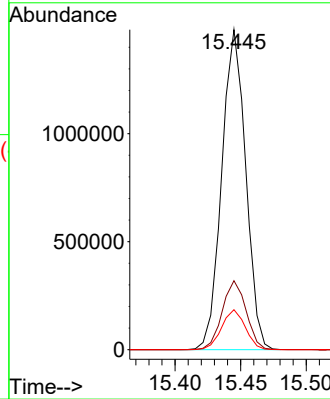
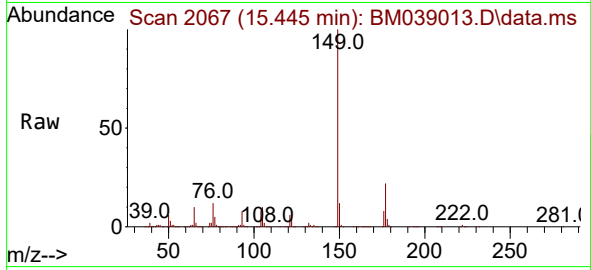




#59
Diethylphthalate
Concen: 21.459 ng/ul
RT: 15.445 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

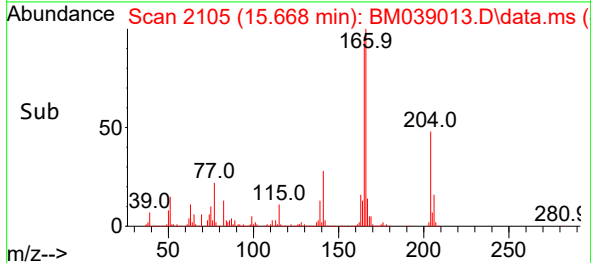
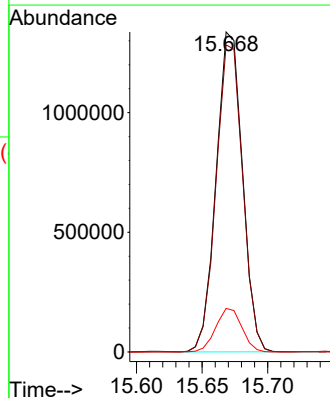
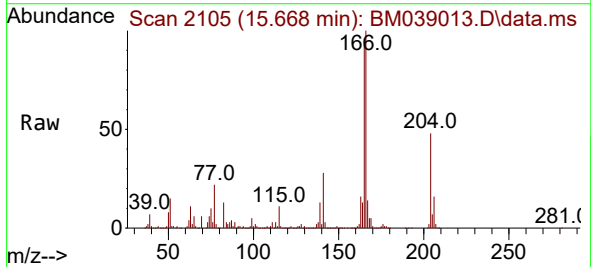
Instrument :
BNA_M
ClientSampleId :
SSTD020109

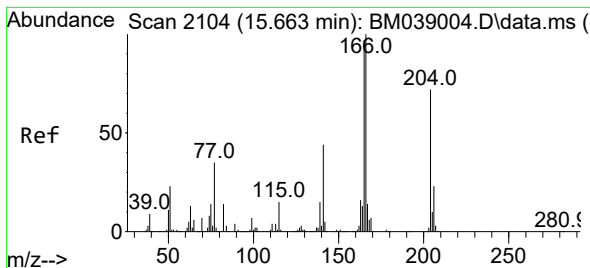
Tgt Ion:149 Resp: 1883424
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 12.5 9.8 14.8



#61
Fluorene
Concen: 21.304 ng/ul
RT: 15.668 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:166 Resp: 1866280
Ion Ratio Lower Upper
166 100
165 95.9 77.5 116.3
167 13.6 11.0 16.6

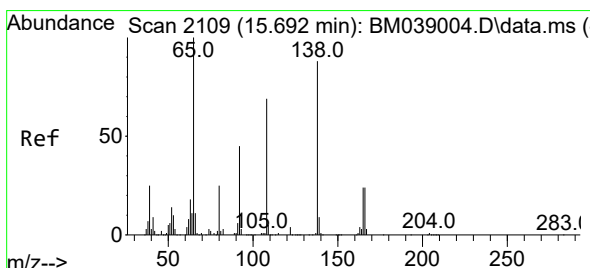
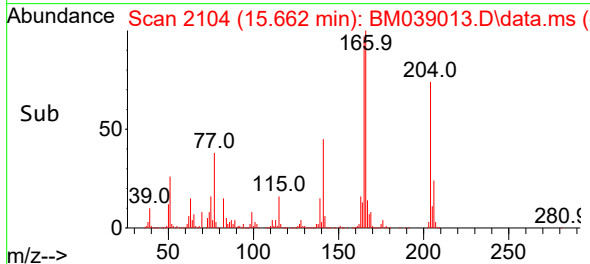
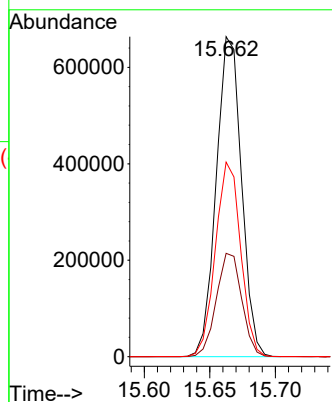
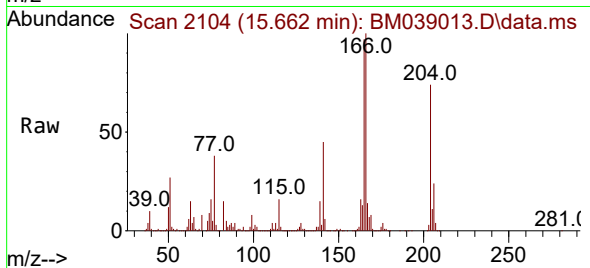




#62
4-Chlorophenyl-phenylether
Concen: 21.222 ng/ul
RT: 15.662 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

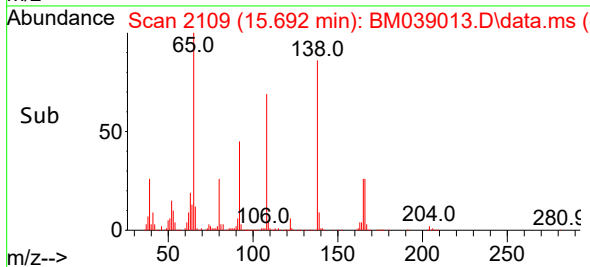
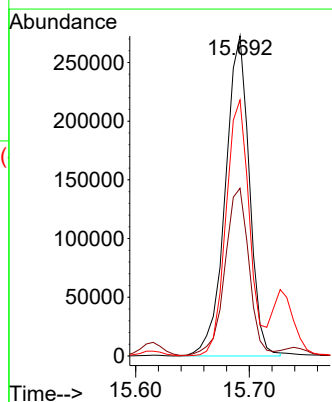
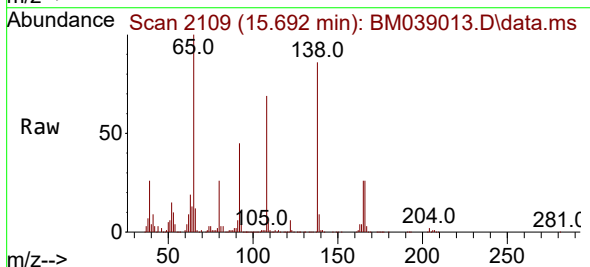
Instrument :
BNA_M
ClientSampleId :
SSTD020109

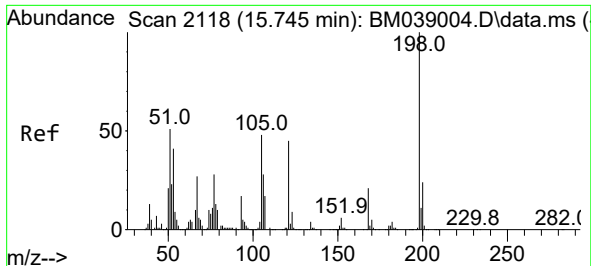
Tgt Ion:204 Resp: 889110
Ion Ratio Lower Upper
204 100
206 32.3 26.9 40.3
141 60.8 46.6 69.8



#63
4-Nitroaniline
Concen: 22.726 ng/ul
RT: 15.692 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:138 Resp: 401378
Ion Ratio Lower Upper
138 100
92 52.4 42.7 64.1
108 80.0 63.5 95.3

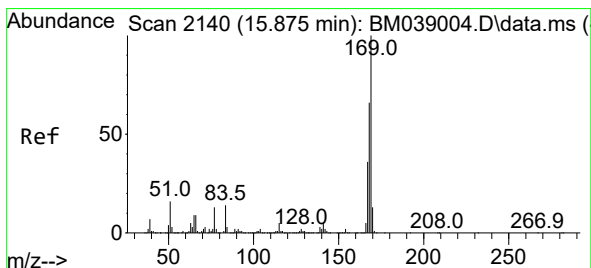
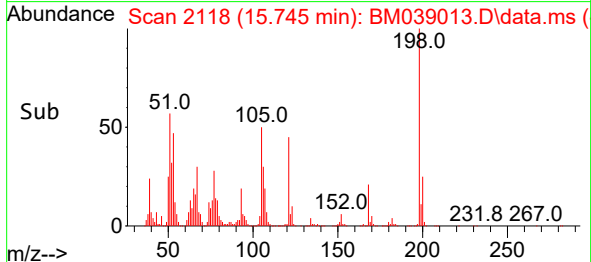
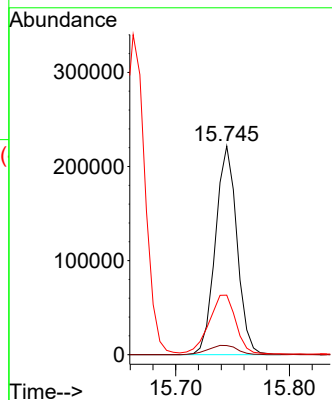
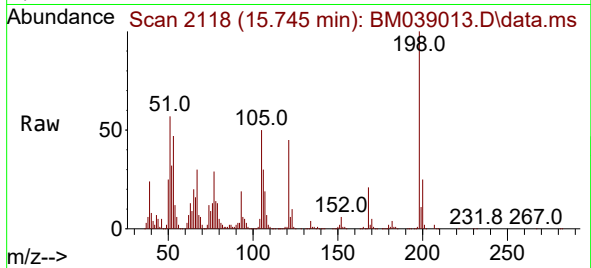




#66
4,6-Dinitro-2-methylphenol
Concen: 19.222 ng/ul
RT: 15.745 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

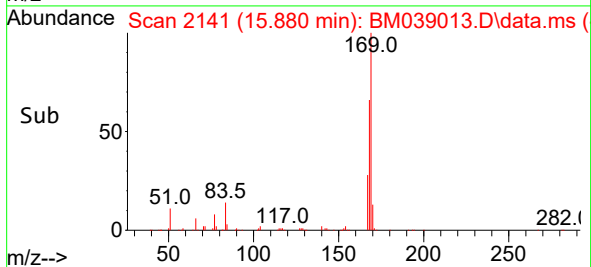
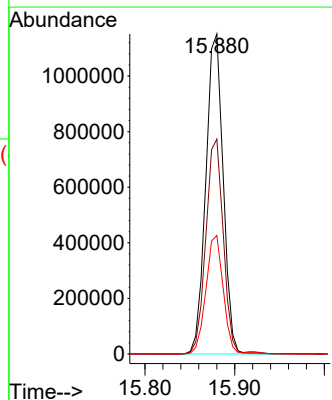
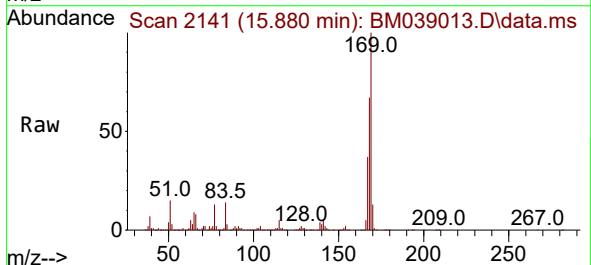
Instrument :
BNA_M
ClientSampleId :
SSTD020109

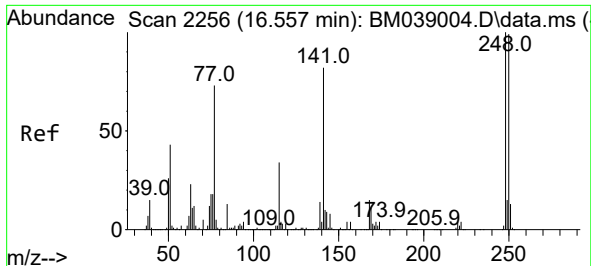
Tgt Ion:198 Resp: 293146
Ion Ratio Lower Upper
198 100
182 4.4 3.6 5.4
77 28.5 23.7 35.5



#67
N-Nitrosodiphenylamine
Concen: 20.863 ng/ul
RT: 15.880 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:169 Resp: 1543378
Ion Ratio Lower Upper
169 100
168 67.1 53.5 80.3
167 37.1 29.0 43.4

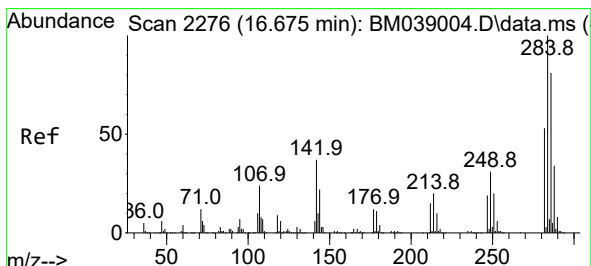
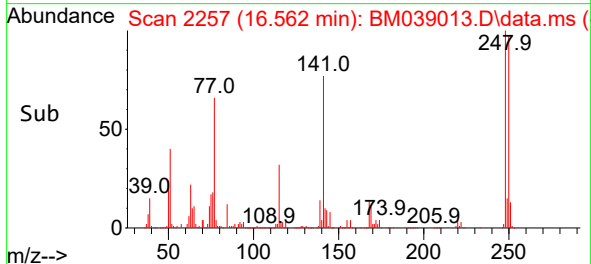
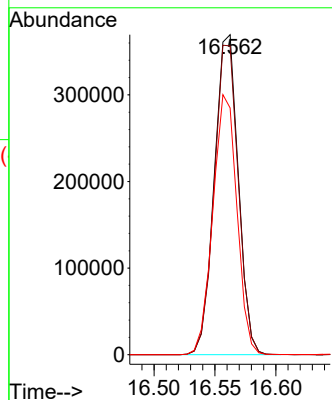
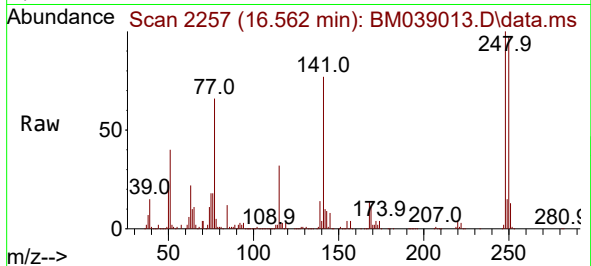




#68
4-Bromophenyl-phenylether
Concen: 20.731 ng/ul
RT: 16.562 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

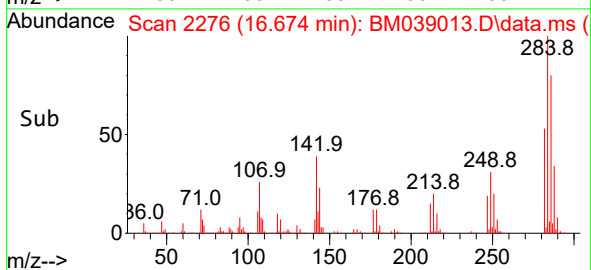
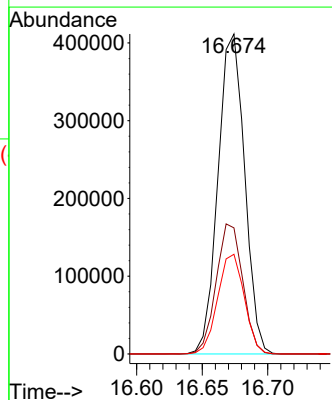
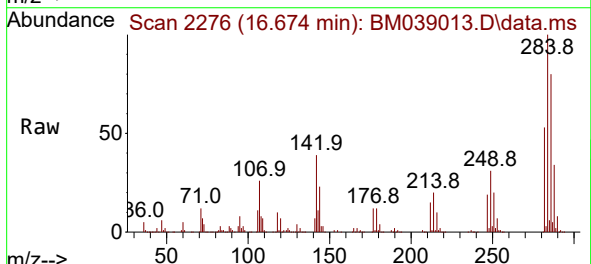
Instrument :
BNA_M
ClientSampleId :
SSTD020109

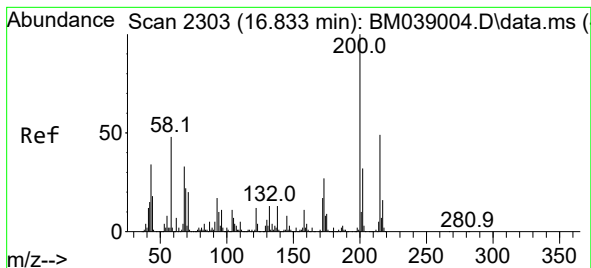
Tgt Ion:248 Resp: 506143
Ion Ratio Lower Upper
248 100
250 96.5 77.3 115.9
141 77.1 62.6 93.8



#69
Hexachlorobenzene
Concen: 20.429 ng/ul
RT: 16.674 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:284 Resp: 581296
Ion Ratio Lower Upper
284 100
142 39.4 31.0 46.6
249 31.2 24.9 37.3





#70

Atrazine

Concen: 21.022 ng/ul

RT: 16.833 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTD020109

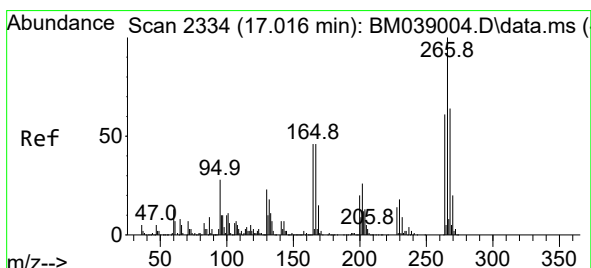
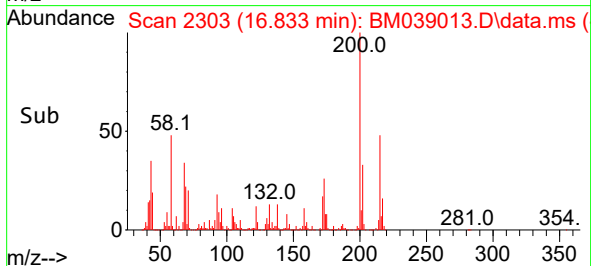
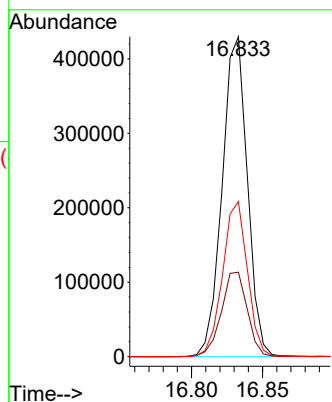
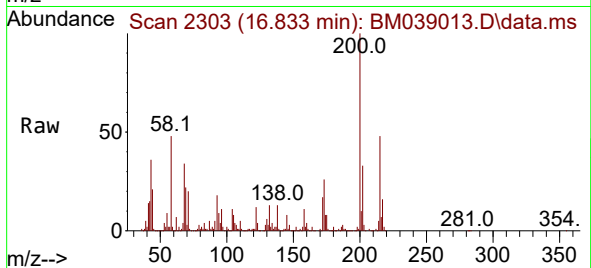
Tgt Ion:200 Resp: 531249

Ion Ratio Lower Upper

200 100

173 26.4 21.5 32.3

215 48.5 38.1 57.1



#71

Pentachlorophenol

Concen: 19.866 ng/ul

RT: 17.015 min Scan# 2334

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

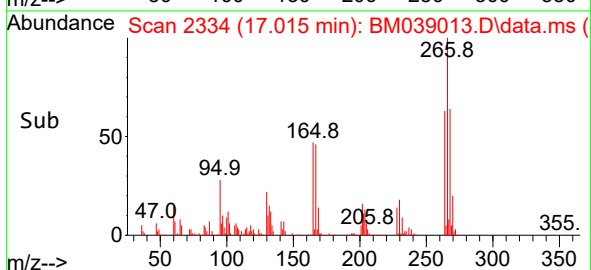
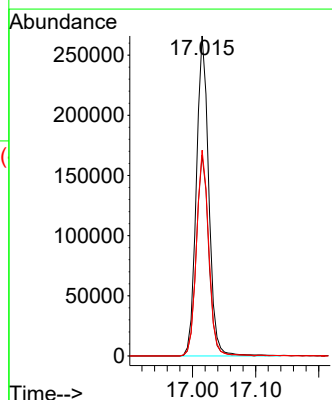
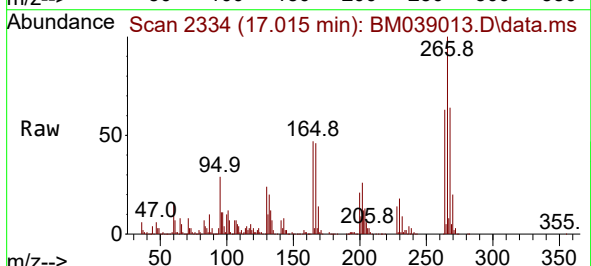
Tgt Ion:266 Resp: 361976

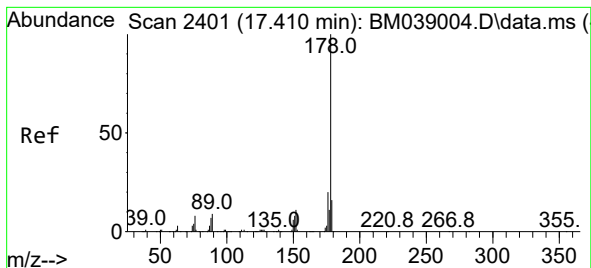
Ion Ratio Lower Upper

266 100

264 62.8 50.0 75.0

268 64.3 50.5 75.7





#72

Phenanthrene

Concen: 20.662 ng/ul

RT: 17.415 min Scan# 2401

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTD020109

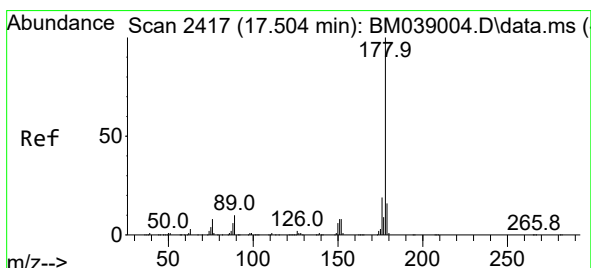
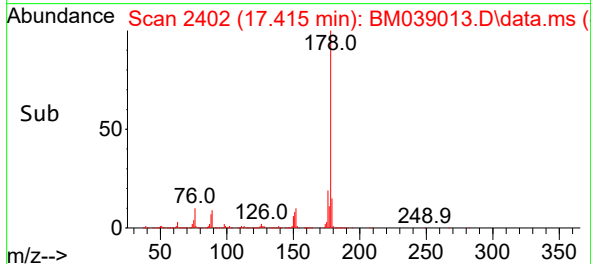
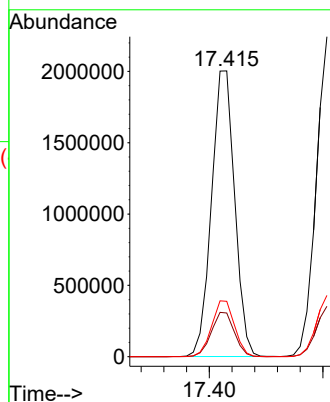
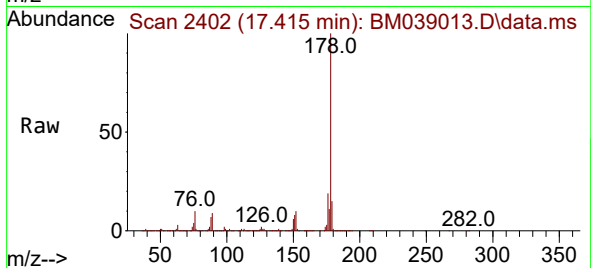
Tgt Ion:178 Resp: 2843035

Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

176 19.4 15.7 23.5



#74

Anthracene

Concen: 21.080 ng/ul

RT: 17.504 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

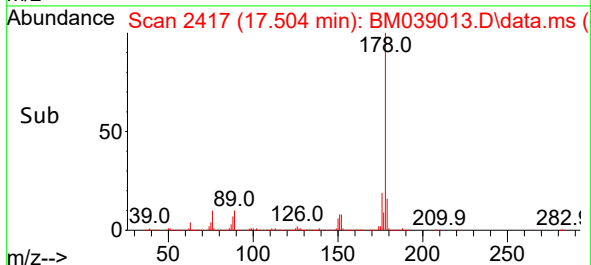
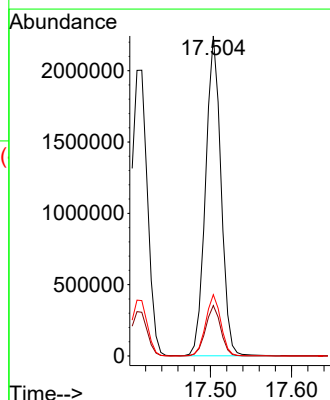
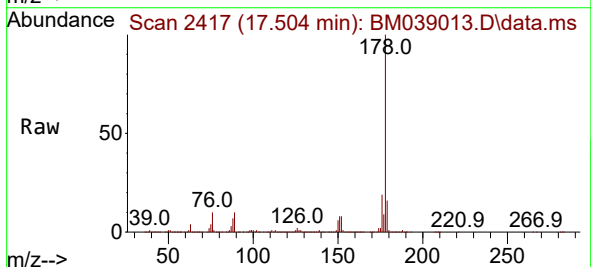
Tgt Ion:178 Resp: 2944794

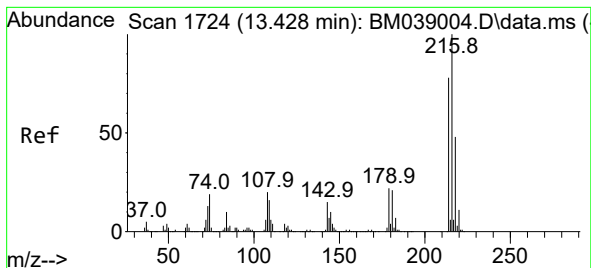
Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 19.1 15.2 22.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.893 ng/uL

RT: 13.427 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTD020109

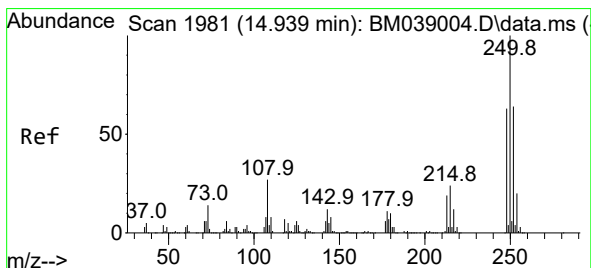
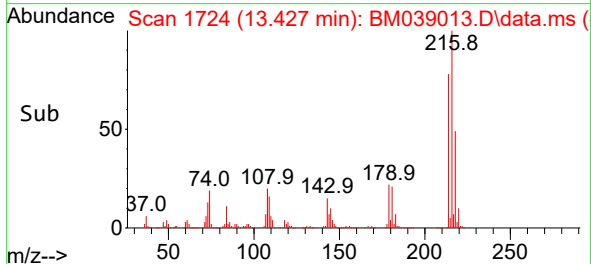
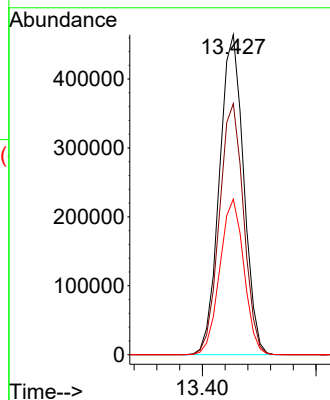
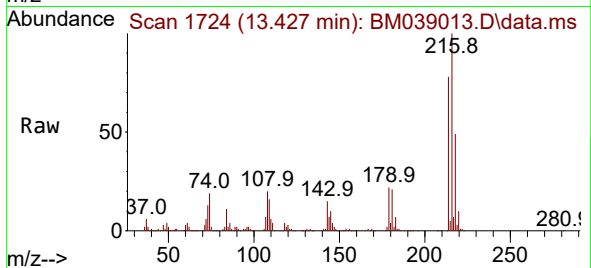
Tgt Ion:216 Resp: 688892

Ion Ratio Lower Upper

216 100

214 78.4 62.7 94.1

218 48.6 37.8 56.8



#76

Pentachlorobenzene

Concen: 20.204 ng/uL

RT: 14.939 min Scan# 1981

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

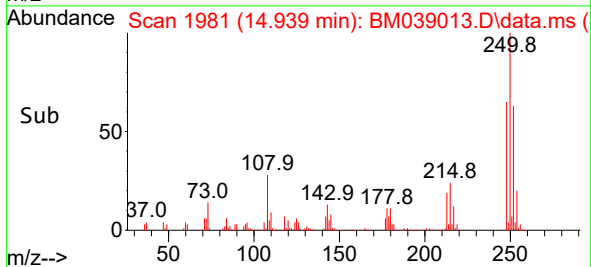
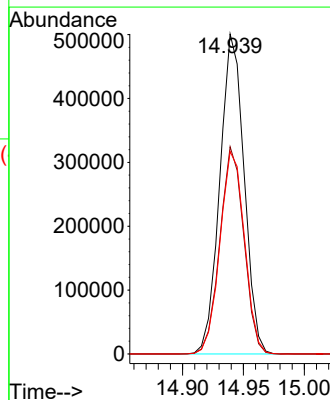
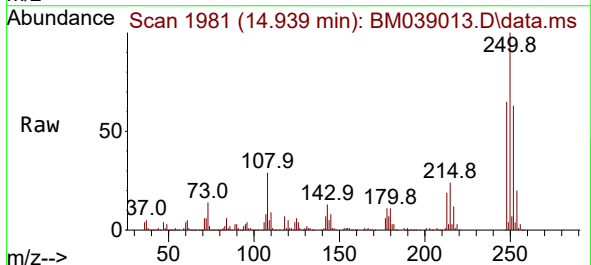
Tgt Ion:250 Resp: 694327

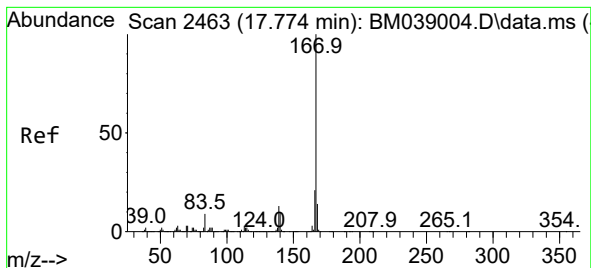
Ion Ratio Lower Upper

250 100

248 64.8 50.5 75.7

252 63.2 50.5 75.7





#77

Carbazole

Concen: 21.481 ng/ul

RT: 17.774 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTD020109

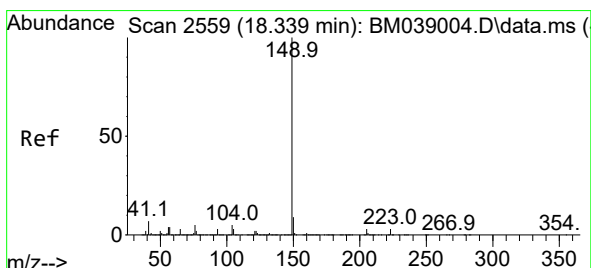
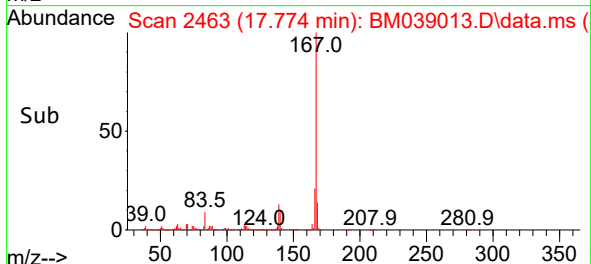
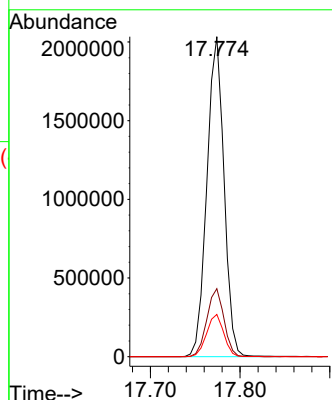
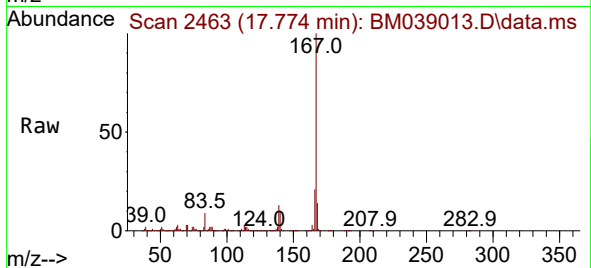
Tgt Ion:167 Resp: 2693770

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

139 13.2 10.4 15.6



#78

Di-n-butylphthalate

Concen: 23.269 ng/ul

RT: 18.339 min Scan# 2559

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

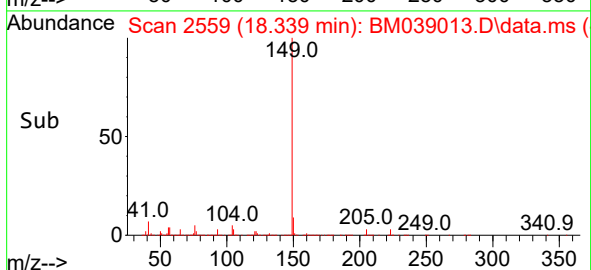
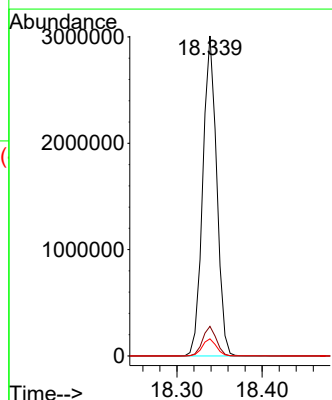
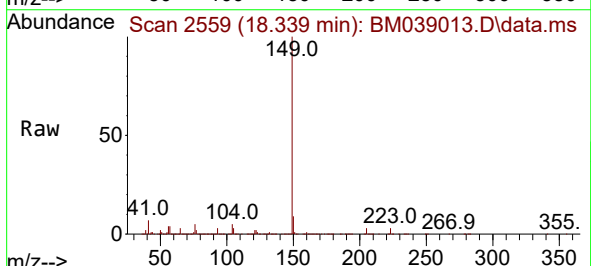
Tgt Ion:149 Resp: 3407947

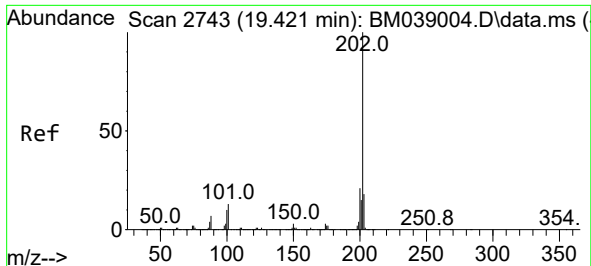
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.4 4.3 6.5

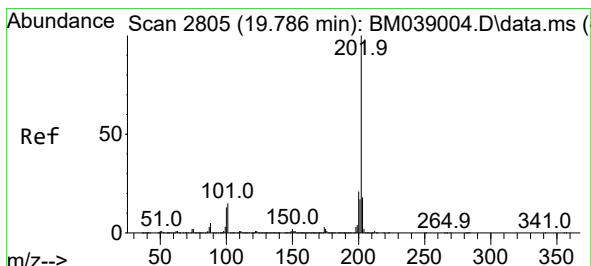
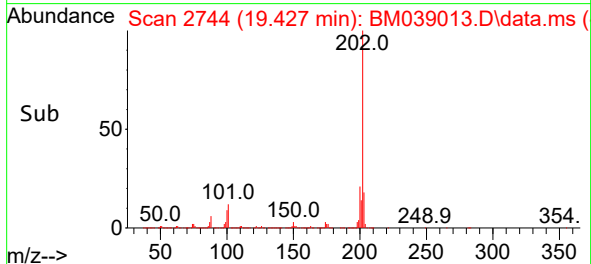
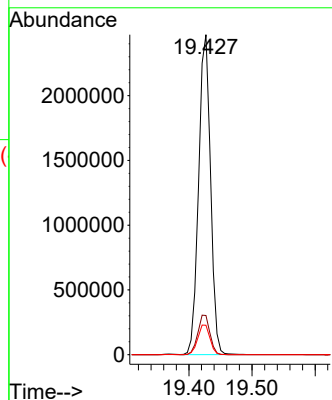
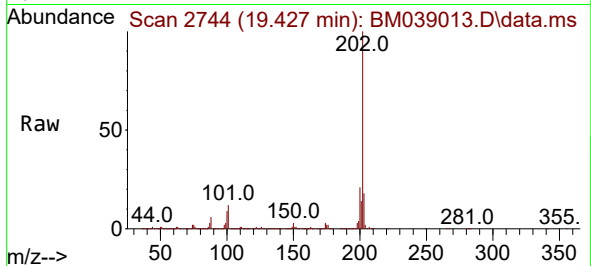




#80
Fluoranthene
Concen: 20.642 ng/ul
RT: 19.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

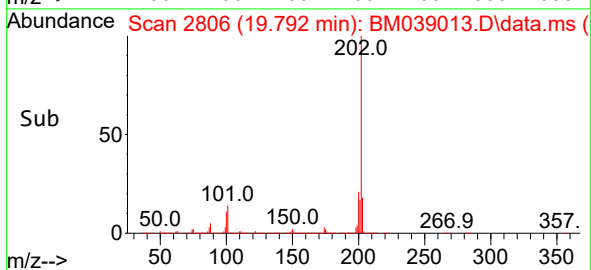
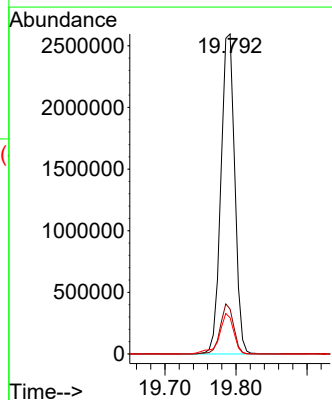
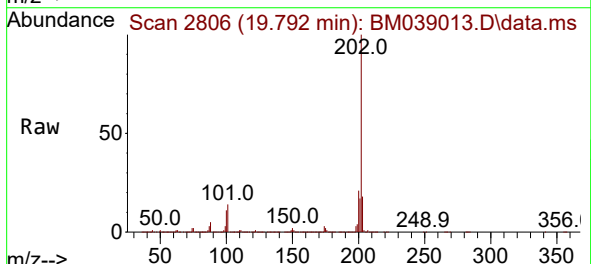
Instrument :
BNA_M
ClientSampleId :
SSTD020109

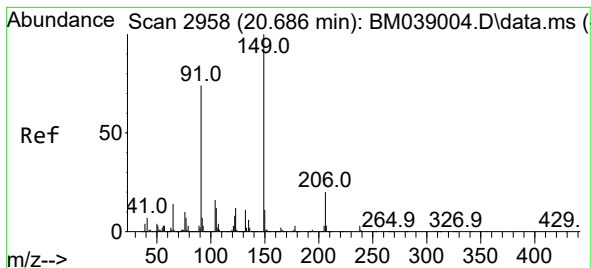
Tgt Ion:202 Resp: 3224879
Ion Ratio Lower Upper
202 100
101 12.2 9.9 14.9
100 9.2 7.4 11.2



#82
Pyrene
Concen: 20.917 ng/ul
RT: 19.792 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:202 Resp: 3487616
Ion Ratio Lower Upper
202 100
101 14.0 11.4 17.2
100 11.3 9.3 13.9





#83

Butylbenzylphthalate

Concen: 22.960 ng/ul

RT: 20.686 min Scan# 2958

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTD020109

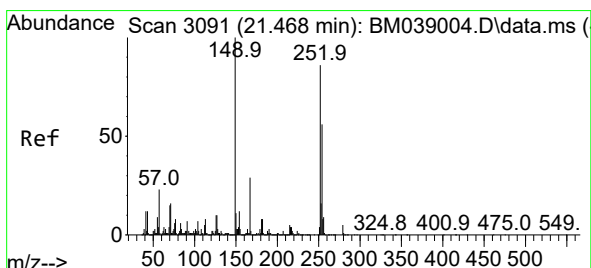
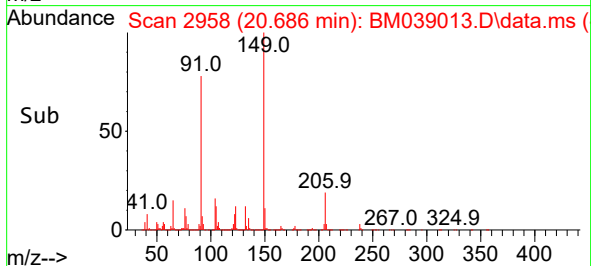
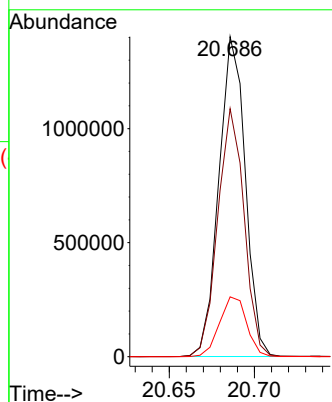
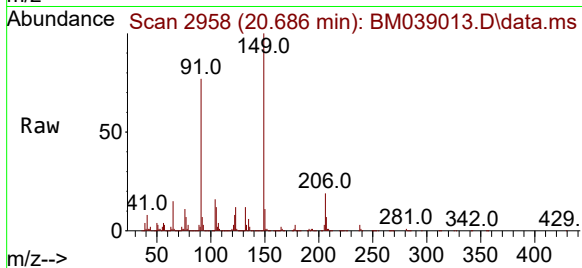
Tgt Ion:149 Resp: 1514532

Ion Ratio Lower Upper

149 100

91 77.5 61.5 92.3

206 18.7 15.8 23.8



#84

3,3'-Dichlorobenzidine

Concen: 20.225 ng/ul

RT: 21.468 min Scan# 3091

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

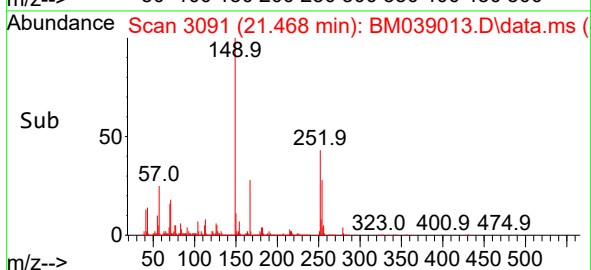
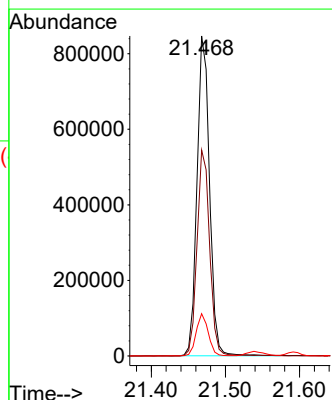
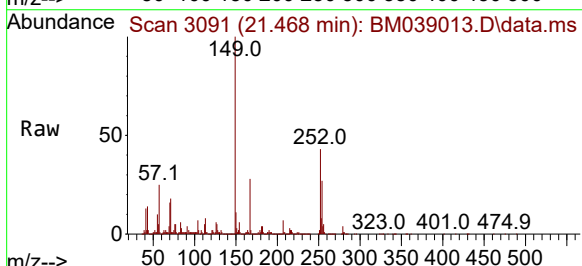
Tgt Ion:252 Resp: 990646

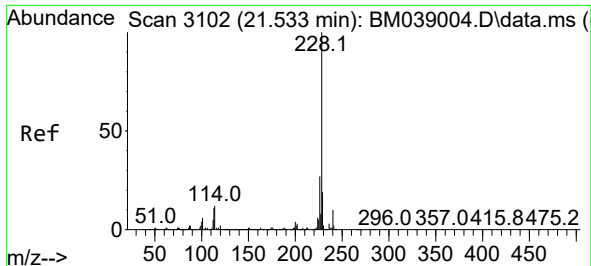
Ion Ratio Lower Upper

252 100

254 64.3 52.6 79.0

126 13.2 9.8 14.6

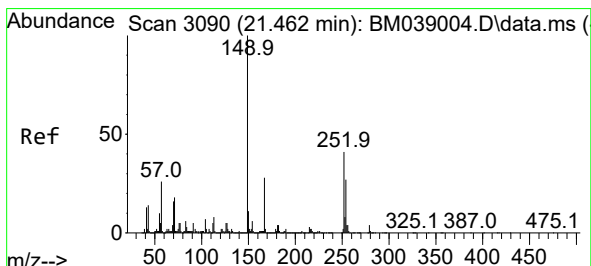
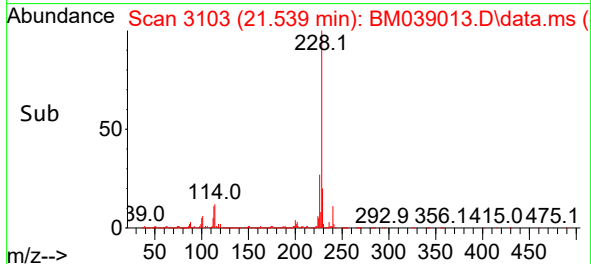
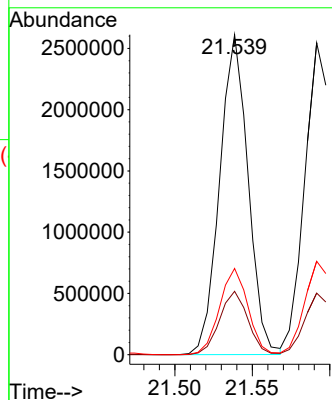
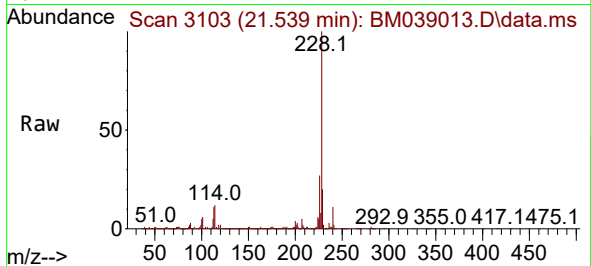




#85
Benzo(a)anthracene
Concen: 21.002 ng/ul
RT: 21.539 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

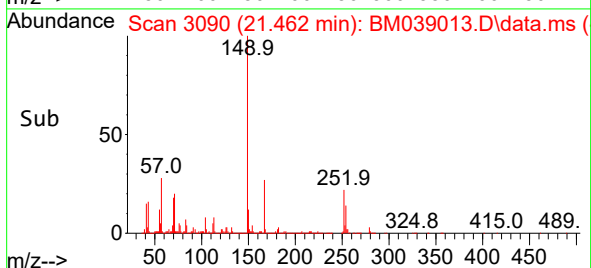
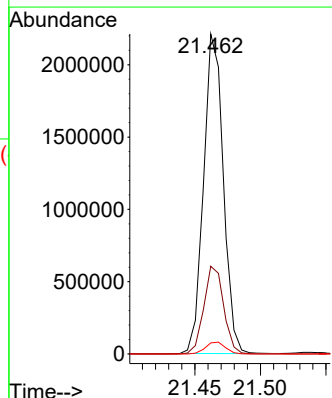
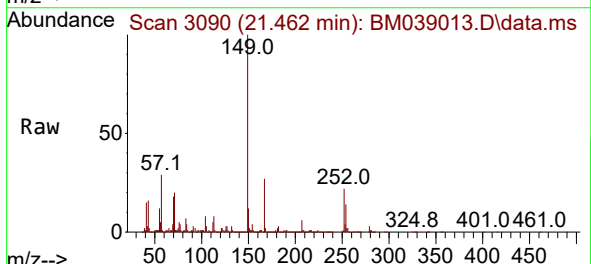
Instrument :
BNA_M
ClientSampleId :
SSTD020109

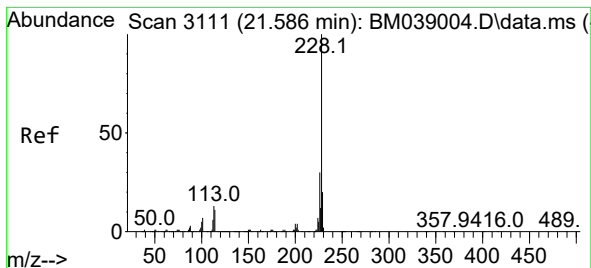
Tgt Ion:228 Resp: 3334543
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.0 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 23.578 ng/ul
RT: 21.462 min Scan# 3090
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:149 Resp: 2315953
Ion Ratio Lower Upper
149 100
167 27.4 21.8 32.8
279 3.4 2.8 4.2





#87

Chrysene

Concen: 20.615 ng/ul

RT: 21.591 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTD020109

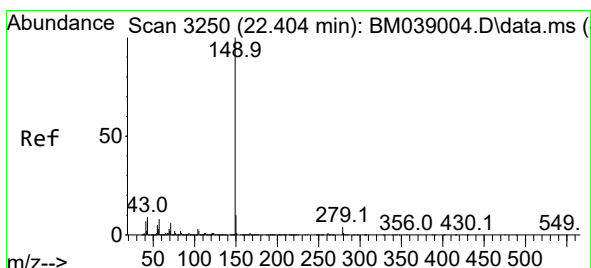
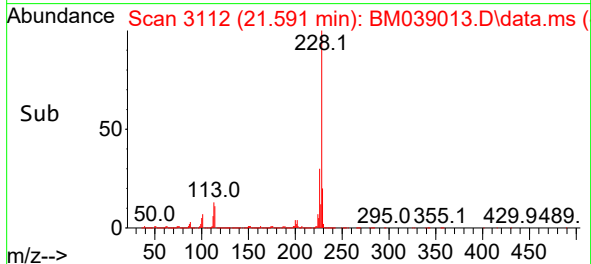
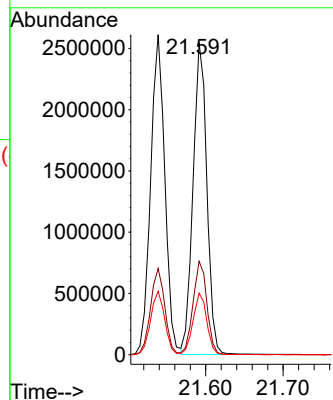
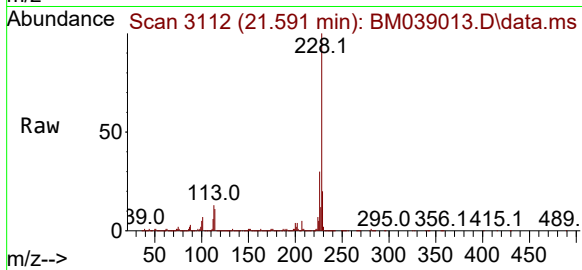
Tgt Ion:228 Resp: 3145326

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.8 15.8 23.6



#89

Di-n-octyl phthalate

Concen: 22.919 ng/ul

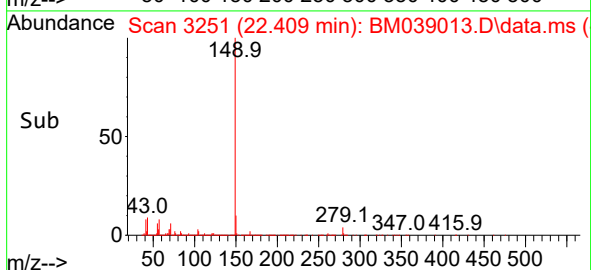
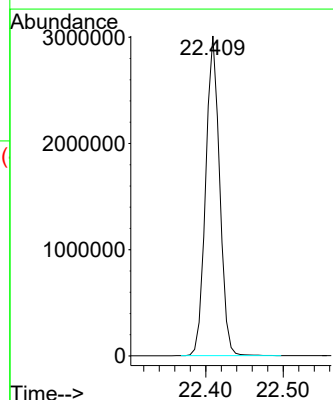
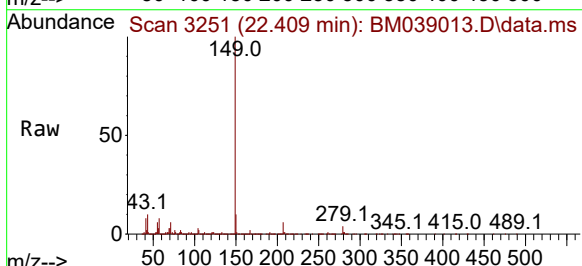
RT: 22.409 min Scan# 3251

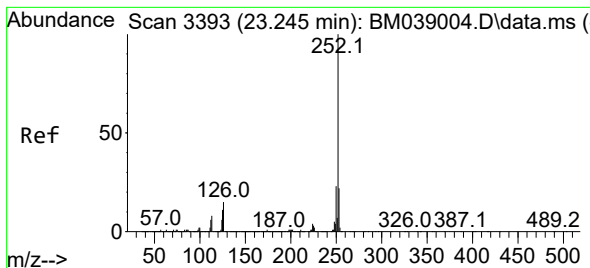
Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Tgt Ion:149 Resp: 3755510





#90

Benzo(b)fluoranthene

Concen: 21.103 ng/ul

RT: 23.256 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTD020109

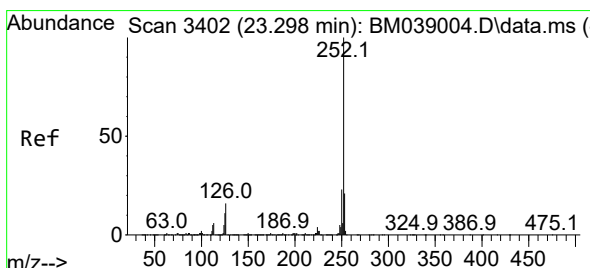
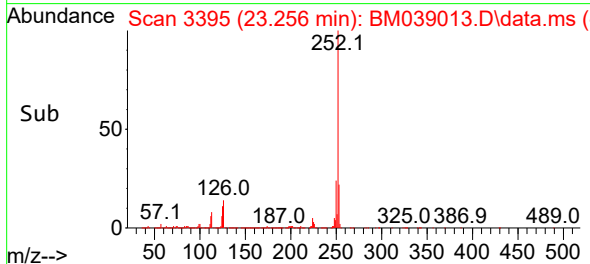
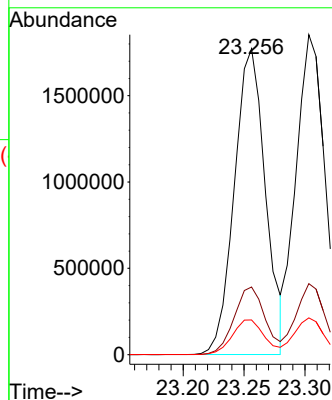
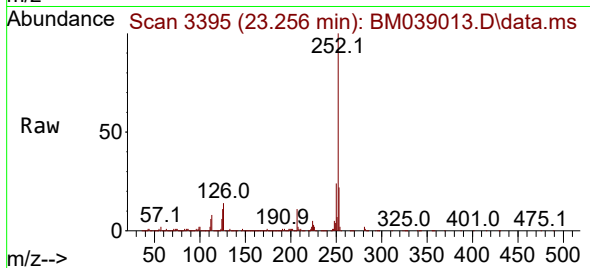
Tgt Ion:252 Resp: 3146132

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 11.3 9.2 13.8



#91

Benzo(k)fluoranthene

Concen: 21.014 ng/ul

RT: 23.303 min Scan# 3403

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

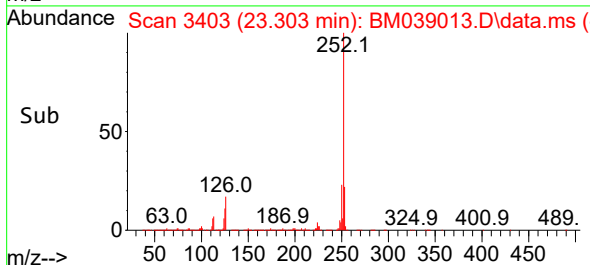
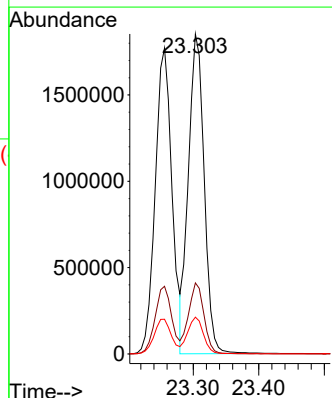
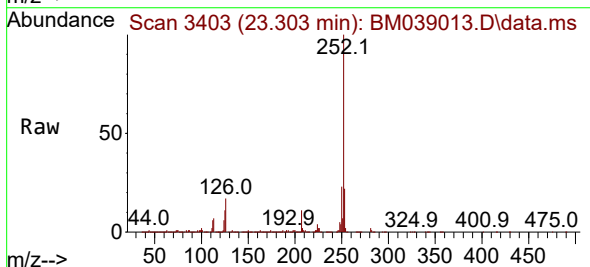
Tgt Ion:252 Resp: 3096522

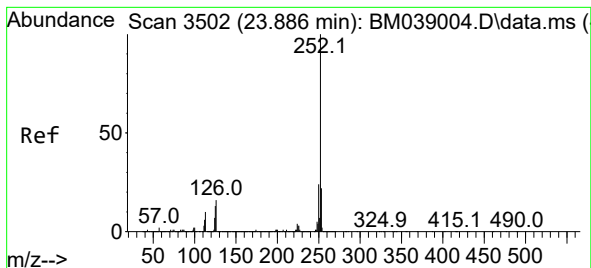
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 11.5 8.8 13.2





#93

Benzo(a)pyrene

Concen: 21.011 ng/ul

RT: 23.891 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTD020109

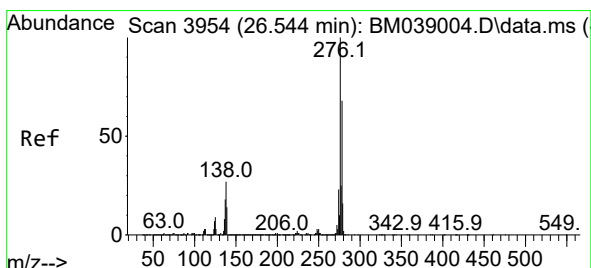
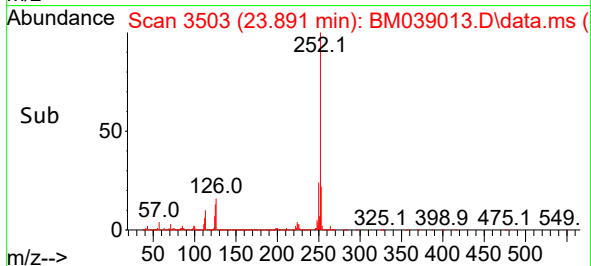
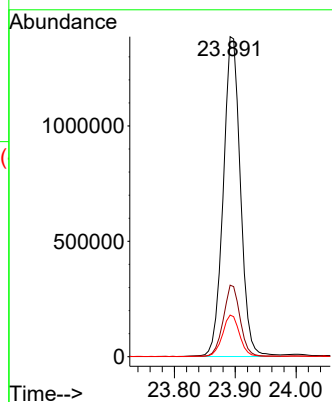
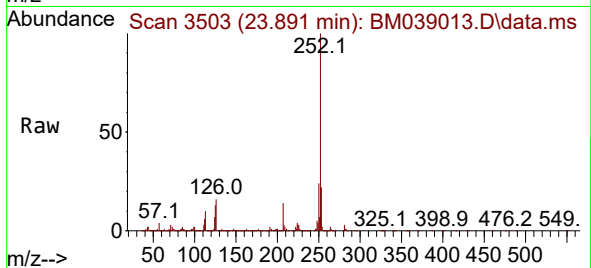
Tgt Ion:252 Resp: 2710021

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 13.0 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.579 ng/ul

RT: 26.550 min Scan# 3955

Delta R.T. -0.000 min

Lab File: BM039013.D

Acq: 14 Mar 2023 14:44

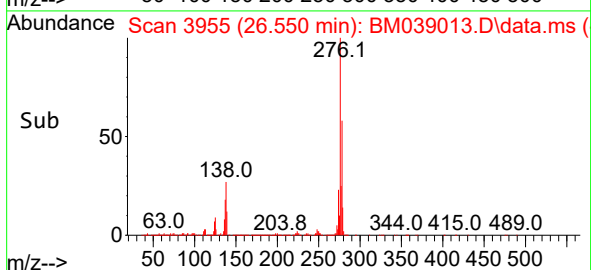
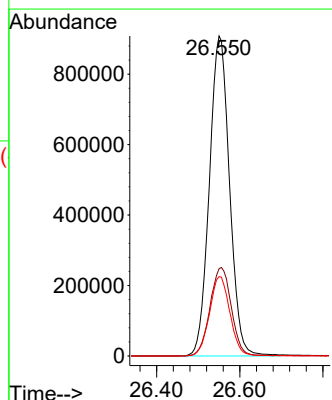
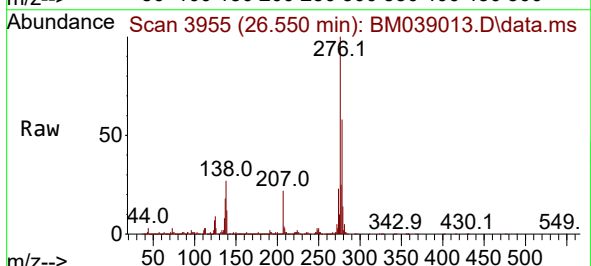
Tgt Ion:276 Resp: 3060638

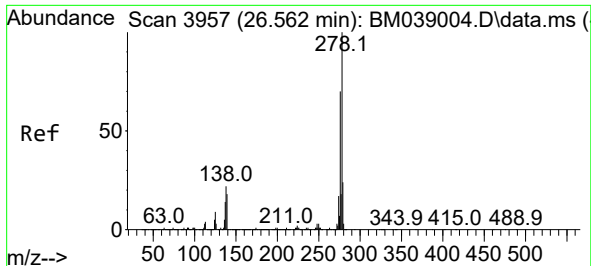
Ion Ratio Lower Upper

276 100

138 27.3 23.1 34.7

277 24.8 19.9 29.9

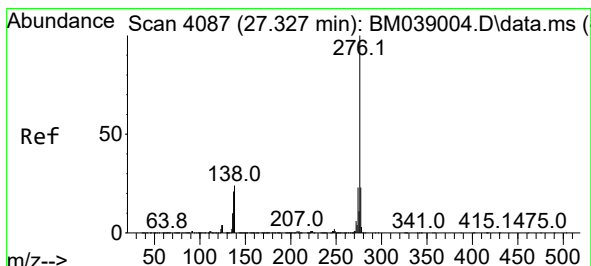
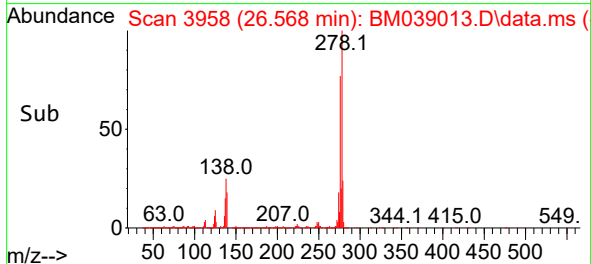
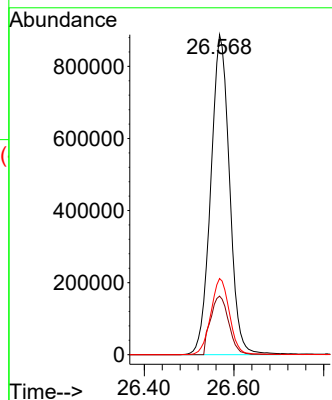
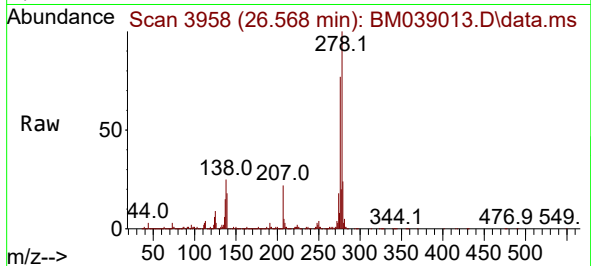




#95
Dibenzo(a,h)anthracene
Concen: 20.550 ng/ul
RT: 26.568 min Scan# 3957
Delta R.T. -0.000 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Instrument :
BNA_M
ClientSampleId :
SSTD020109

Tgt Ion:278 Resp: 2575166
Ion Ratio Lower Upper
278 100
139 18.3 14.6 22.0
279 23.8 19.0 28.4



#96
Benzo(g,h,i)perylene
Concen: 20.068 ng/ul
RT: 27.338 min Scan# 4089
Delta R.T. 0.006 min
Lab File: BM039013.D
Acq: 14 Mar 2023 14:44

Tgt Ion:276 Resp: 2362002
Ion Ratio Lower Upper
276 100
138 25.5 20.1 30.1
277 23.8 19.0 28.6

