

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039466.D
 Acq On : 18 Apr 2023 20:52
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020110

Quant Time: Apr 19 00:15:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 18 23:56:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	246247	20.000	ng/u1	0.00
20) Naphthalene-d8	10.639	136	1176187	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.486	164	758065	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	1591223	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	1363057	20.000	ng/u1	0.00
88) Perylene-d12	23.803	264	1308798	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	50814	7.921	ng/uL	0.00
4) Pyridine-d5	3.646	84	378548	21.000	ng/u1	0.00
7) Phenol-d5	7.022	99	464867	20.626	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	316475	21.245	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	384556	21.752	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	384387	21.173	ng/u1	0.00
21) Nitrobenzene-d5	9.004	128	200232	21.160	ng/u1	0.00
24) 2-Nitrophenol-d4	9.728	143	226743	21.339	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	391496	21.413	ng/u1	0.00
31) 4-Chloroaniline-d4	10.792	131	561057	20.547	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	1271119	20.791	ng/u1	0.00
49) Acenaphthylene-d8	14.180	160	1452349	21.146	ng/u1	0.00
54) 4-Nitrophenol-d4	14.727	143	179927	19.446	ng/u1	0.00
60) Fluorene-d10	15.486	176	1046516	20.893	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	217314	20.551	ng/u1	0.00
73) Anthracene-d10	17.339	188	1610574	21.046	ng/u1	0.00
81) Pyrene-d10	19.639	212	1837958	20.292	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.650	264	1481998	20.973	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.251	88	60014	8.549	ng/uL	97
5) Pyridine	3.663	79	404506	21.282	ng/u1	96
6) Benzaldehyde	6.975	77	249308	25.892	ng/u1	98
8) Phenol	7.045	94	492077	20.970	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.257	93	420166	21.476	ng/u1	99
12) 2-Chlorophenol	7.398	128	383741	21.571	ng/u1	98
13) 2-Methylphenol	8.298	108	384075	21.073	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.369	45	597573	21.991	ng/u1	99
16) Acetophenone	8.663	105	663178	22.239	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.651	70	368212	22.310	ng/u1	99
18) 4-Methylphenol	8.628	108	423041	21.499	ng/u1	98
19) Hexachloroethane	8.904	117	171965	21.283	ng/u1	97
22) Nitrobenzene	9.045	77	493288	21.113	ng/u1	98
23) Isophorone	9.575	82	1054110	21.157	ng/u1	99
25) 2-Nitrophenol	9.757	139	235797	21.269	ng/u1	96
26) 2,4-Dimethylphenol	9.828	107	481604	21.257	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.057	93	614221	20.965	ng/u1	100
29) 2,4-Dichlorophenol	10.298	162	383914	21.317	ng/u1	100
30) Naphthalene	10.692	128	1367905	21.020	ng/u1	100
32) 4-Chloroaniline	10.816	127	552413	20.531	ng/u1	99
33) Hexachlorobutadiene	10.969	225	246416	20.765	ng/u1	99
34) Caprolactam	11.604	113	136219	20.311	ng/u1	99
35) 4-Chloro-3-methylphenol	11.957	107	448938	21.350	ng/u1	99
36) 2-Methylnaphthalene	12.310	142	912612	20.919	ng/u1	98

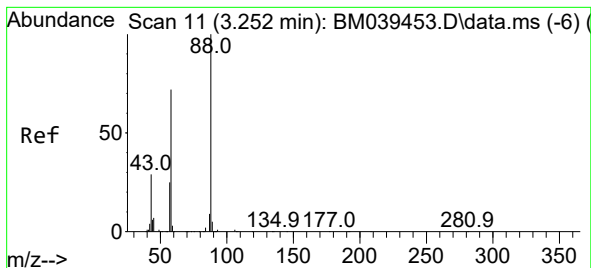
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.527	142	920155	20.989	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.674	216	472571	20.768	ng/ul	98
40) Hexachlorocyclopentadiene	12.645	237	259438	19.137	ng/ul	97
41) 2,4,6-Trichlorophenol	12.927	196	316481	20.819	ng/ul	99
42) 2,4,5-Trichlorophenol	13.010	196	334107	21.147	ng/ul	98
43) 1,1'-Biphenyl	13.321	154	1238509	21.141	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	965727	21.014	ng/ul	100
45) 2-Nitroaniline	13.586	65	287840	21.704	ng/ul	99
47) Dimethylphthalate	13.951	163	1265602	20.908	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	258079	21.081	ng/ul	99
50) Acenaphthylene	14.210	152	1558769	21.217	ng/ul	100
51) 3-Nitroaniline	14.415	138	248908	21.692	ng/ul	99
52) Acenaphthene	14.551	153	1058605	20.928	ng/ul	99
53) 2,4-Dinitrophenol	14.627	184	122449	18.790	ng/ul	98
55) 4-Nitrophenol	14.745	109	140857	20.042	ng/ul	97
56) Dibenzofuran	14.886	168	1455908	21.176	ng/ul	100
57) 2,4-Dinitrotoluene	14.868	165	363782	21.386	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.121	232	297866	21.063	ng/ul	97
59) Diethylphthalate	15.315	149	1314734	20.953	ng/ul	99
61) Fluorene	15.539	166	1196822	21.044	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	594039	21.073	ng/ul	99
63) 4-Nitroaniline	15.580	138	211384	24.023	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.633	198	212618	20.914	ng/ul	95
67) N-Nitrosodiphenylamine	15.751	169	997196	21.034	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	359438	20.914	ng/ul	98
69) Hexachlorobenzene	16.545	284	408719	20.701	ng/ul	99
70) Atrazine	16.709	200	371094	21.095	ng/ul	100
71) Pentachlorophenol	16.898	266	237401	20.569	ng/ul	99
72) Phenanthrene	17.286	178	1855486	21.004	ng/ul	99
74) Anthracene	17.374	178	1872262	21.126	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.286	216	495629	20.914	ng/ul	99
76) Pentachlorobenzene	14.810	250	489170	20.971	ng/ul	98
77) Carbazole	17.656	167	1677148	21.297	ng/ul	100
78) Di-n-butylphthalate	18.209	149	2337379	20.984	ng/ul	99
80) Fluoranthene	19.303	202	2148072	20.234	ng/ul	99
82) Pyrene	19.668	202	2235827	20.344	ng/ul	98
83) Butylbenzylphthalate	20.568	149	1055725	20.350	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.356	252	623622	20.632	ng/ul	98
85) Benzo(a)anthracene	21.421	228	2088497	21.184	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.344	149	1584595	20.540	ng/ul	99
87) Chrysene	21.474	228	1991797	21.180	ng/ul	100
89) Di-n-octyl phthalate	22.256	149	2667782	20.287	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1871368	20.321	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	1954563	21.612	ng/ul	100
93) Benzo(a)pyrene	23.703	252	1626975	20.960	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.262	276	1784063	20.895	ng/ul	99
95) Dibenzo(a,h)anthracene	26.273	278	1503725	21.242	ng/ul	100
96) Benzo(g,h,i)perylene	27.015	276	1393328	20.485	ng/ul	98

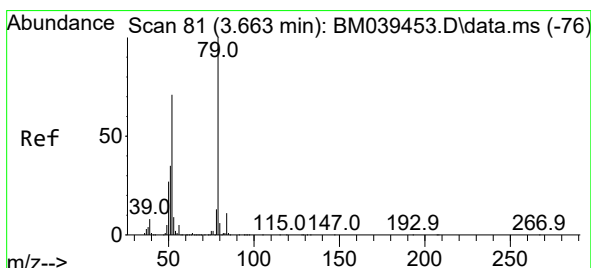
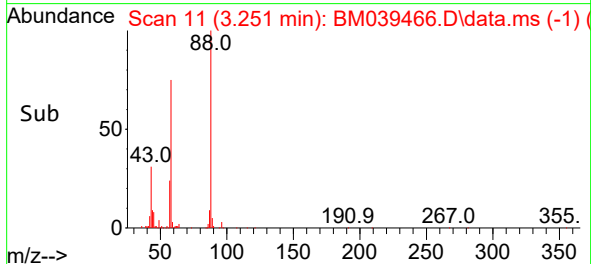
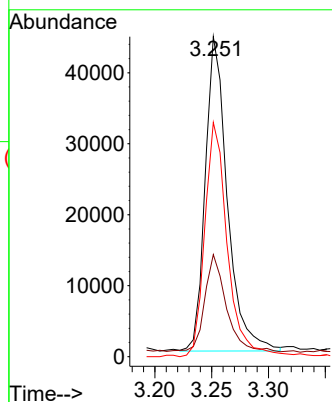
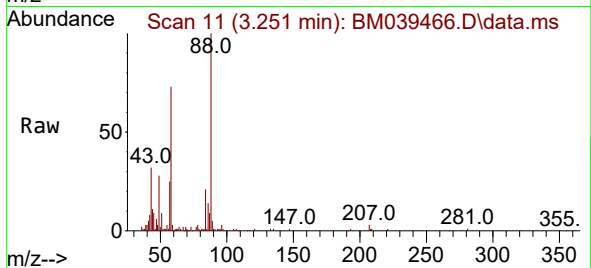
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#2
1,4-Dioxane
Concen: 8.549 ng/uL
RT: 3.251 min Scan# 11
Delta R.T. -0.001 min
Lab File: BM039466.D
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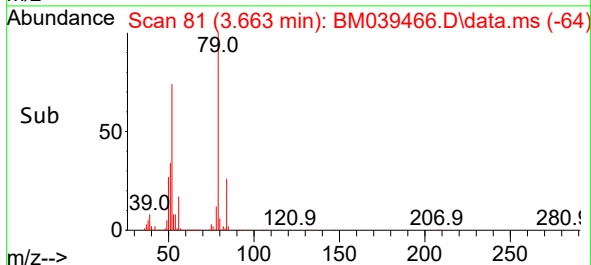
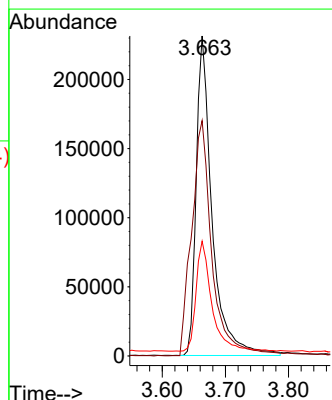
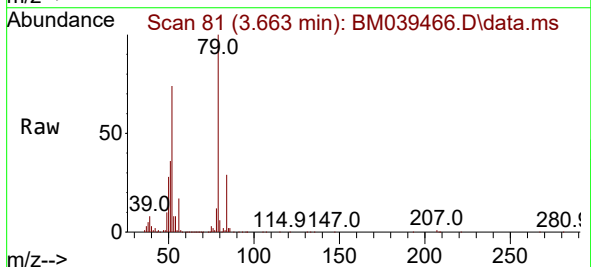
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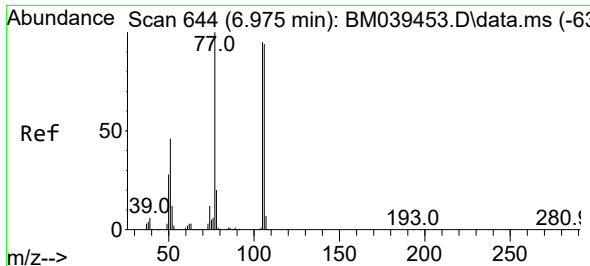
Tgt Ion: 88 Resp: 60014
Ion Ratio Lower Upper
88 100
43 31.9 24.6 36.8
58 73.2 56.7 85.1



#5
Pyridine
Concen: 21.282 ng/uL
RT: 3.663 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion: 79 Resp: 404506
Ion Ratio Lower Upper
79 100
52 73.6 61.9 92.9
51 35.8 29.7 44.5

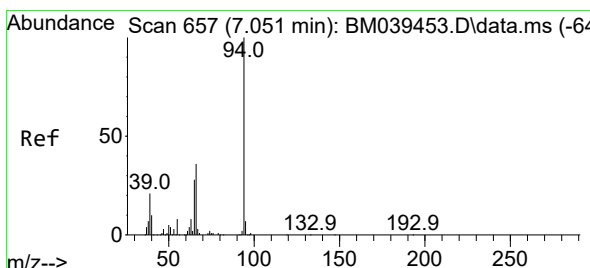
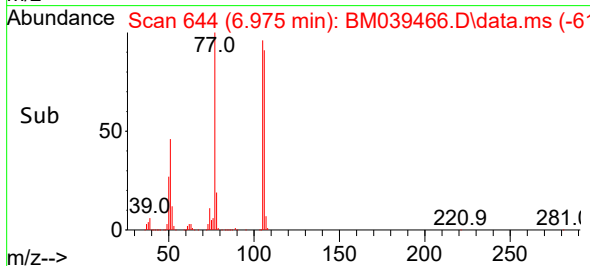
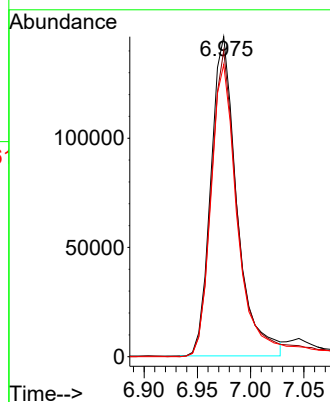
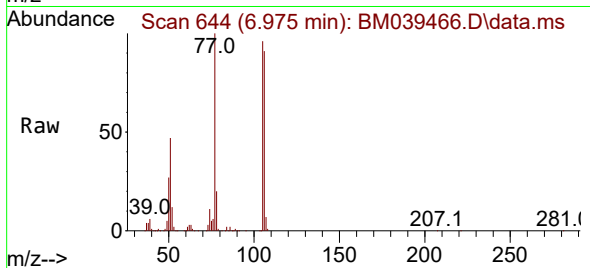




#6
Benzaldehyde
Concen: 25.892 ng/ul
RT: 6.975 min Scan# 644
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

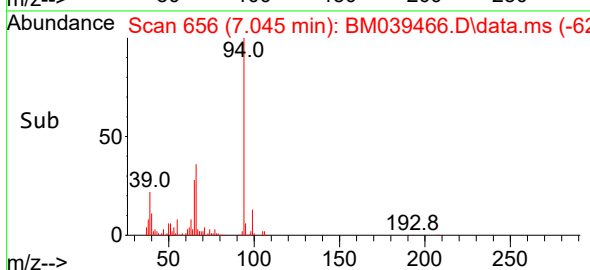
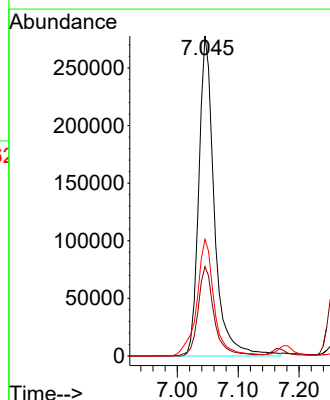
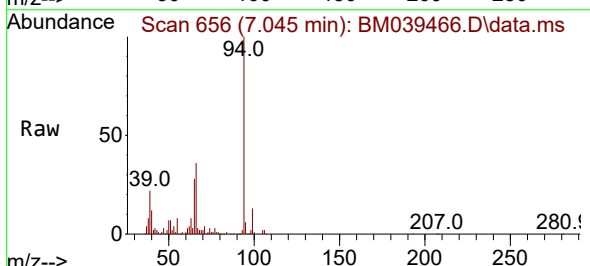
Instrument :
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ClientSampleId :
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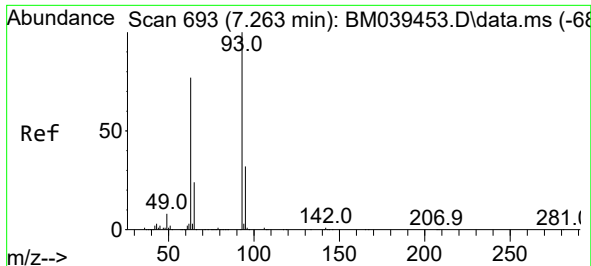
Tgt Ion: 77 Resp: 249308
Ion Ratio Lower Upper
77 100
105 95.6 76.3 114.5
106 91.3 75.4 113.0



#8
Phenol
Concen: 20.970 ng/ul
RT: 7.045 min Scan# 656
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion: 94 Resp: 492077
Ion Ratio Lower Upper
94 100
65 27.9 22.2 33.4
66 36.4 29.6 44.4

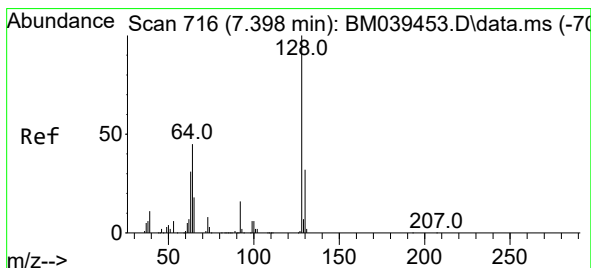
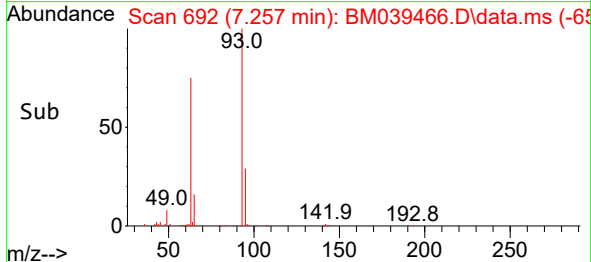
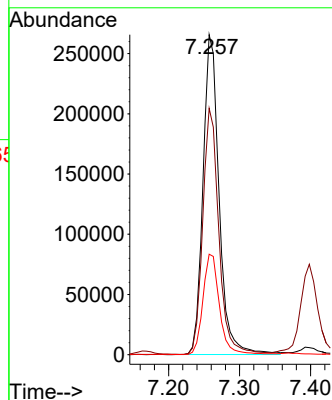
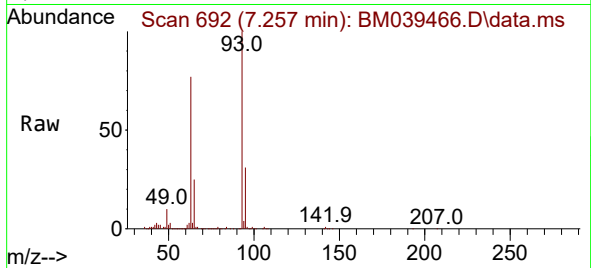




#10
Bis(2-Chloroethyl)ether
Concen: 21.476 ng/ul
RT: 7.257 min Scan# 693
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

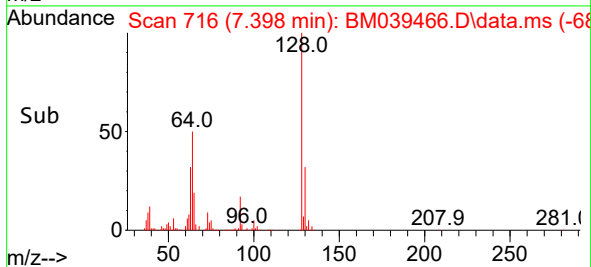
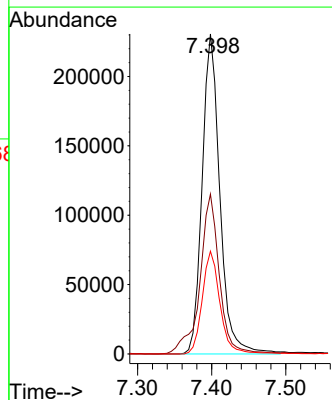
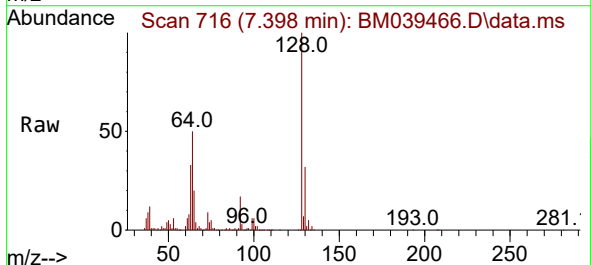
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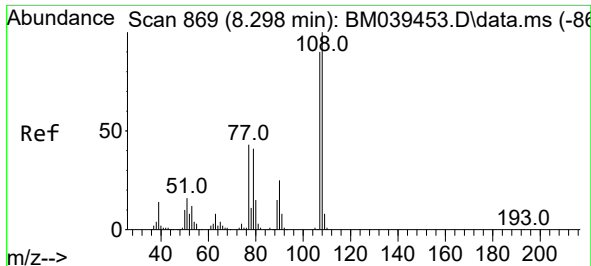
Tgt Ion: 93 Resp: 420166
Ion Ratio Lower Upper
93 100
63 77.0 61.9 92.9
95 31.4 25.8 38.8



#12
2-Chlorophenol
Concen: 21.571 ng/ul
RT: 7.398 min Scan# 716
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:128 Resp: 383741
Ion Ratio Lower Upper
128 100
64 49.9 38.8 58.2
130 32.1 25.4 38.0





#13

2-Methylphenol

Concen: 21.073 ng/ul

RT: 8.298 min Scan# 869

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Instrument :

BNA_M

ClientSampleId :

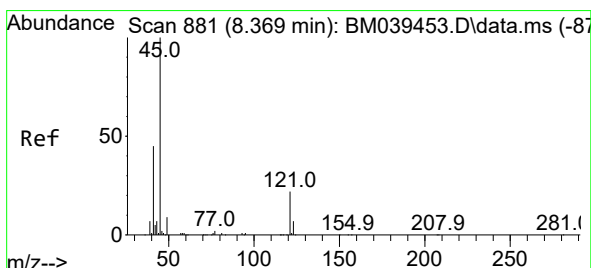
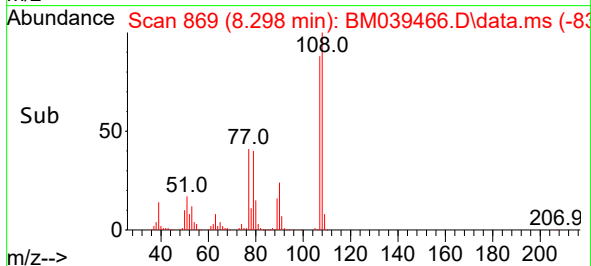
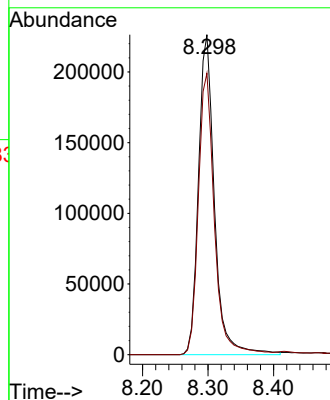
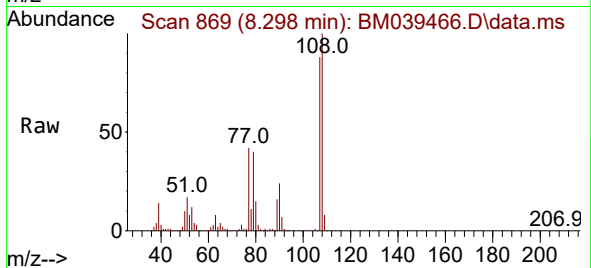
SSTD020110

Tgt Ion:108 Resp: 384075

Ion Ratio Lower Upper

108 100

107 88.0 71.7 107.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 21.991 ng/ul

RT: 8.369 min Scan# 881

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

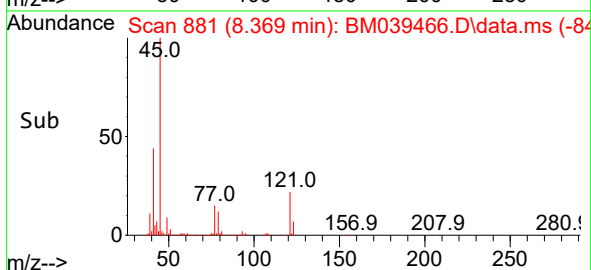
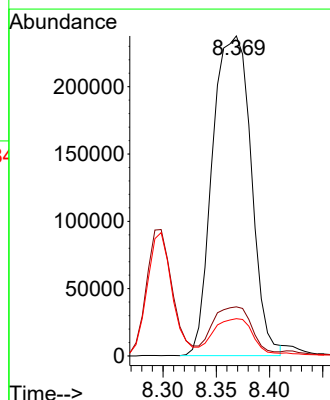
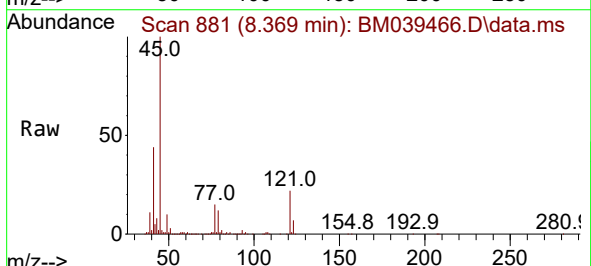
Tgt Ion: 45 Resp: 597573

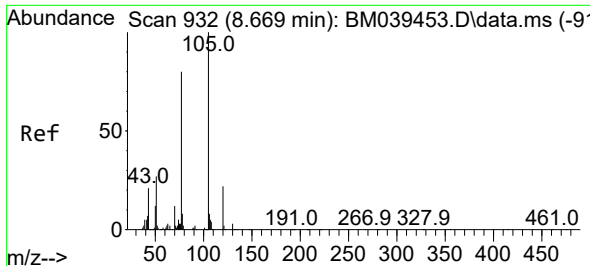
Ion Ratio Lower Upper

45 100

77 15.4 12.3 18.5

79 11.7 9.8 14.6

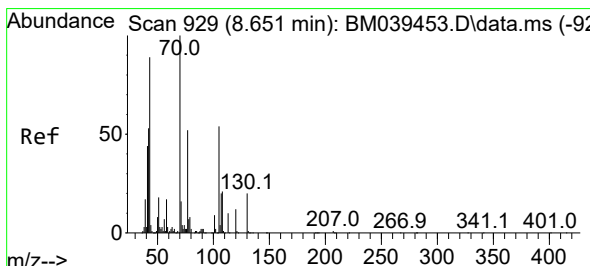
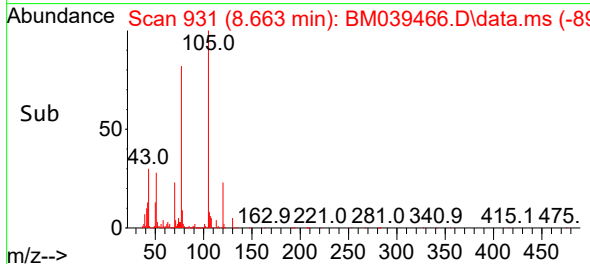
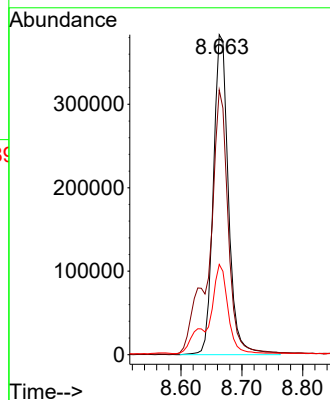
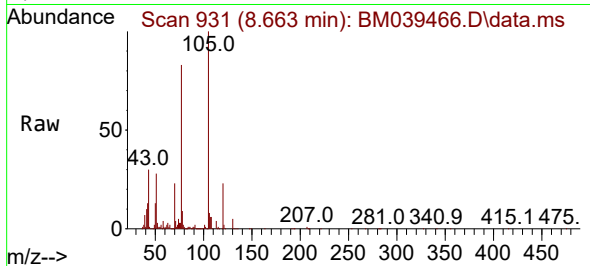




#16
Acetophenone
Concen: 22.239 ng/ul
RT: 8.663 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM039466.D
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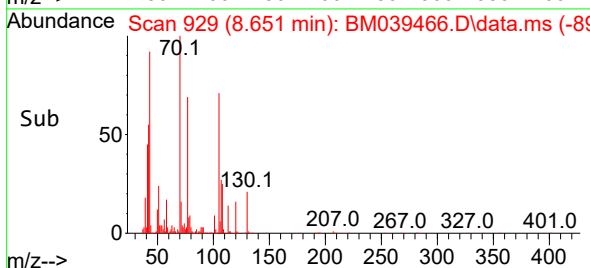
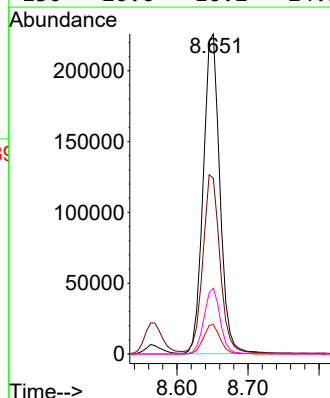
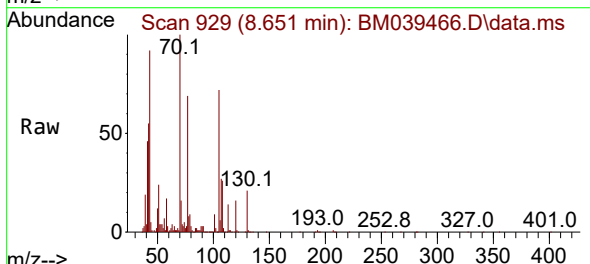
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ClientSampleId :
SSTD020110

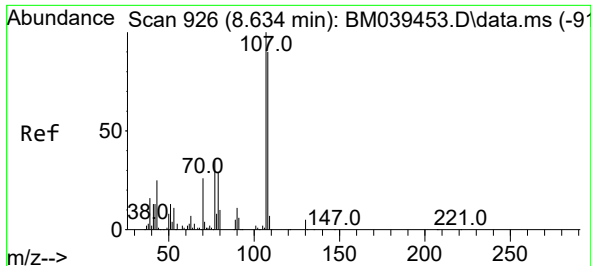
Tgt Ion:105 Resp: 663178
Ion Ratio Lower Upper
105 100
77 82.7 64.1 96.1
51 28.2 22.2 33.4



#17
N-Nitroso-di-n-propylamine
Concen: 22.310 ng/ul
RT: 8.651 min Scan# 929
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion: 70 Resp: 368212
Ion Ratio Lower Upper
70 100
42 54.9 43.0 64.4
101 9.2 7.4 11.2
130 20.6 16.2 24.2

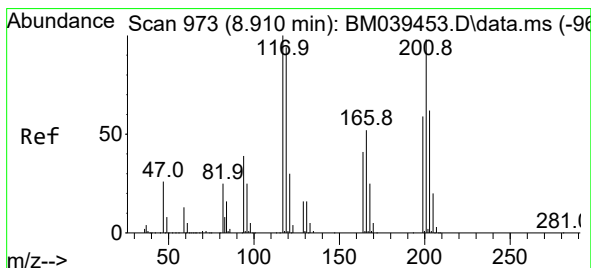
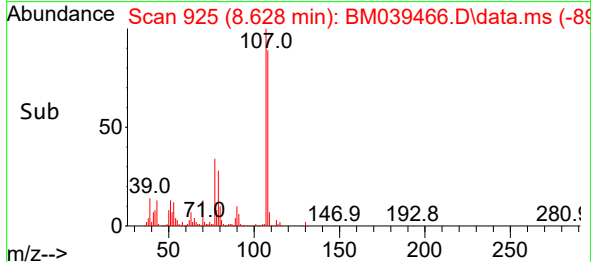
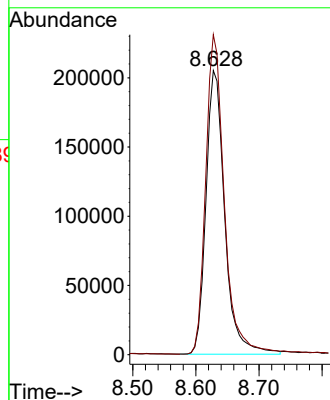
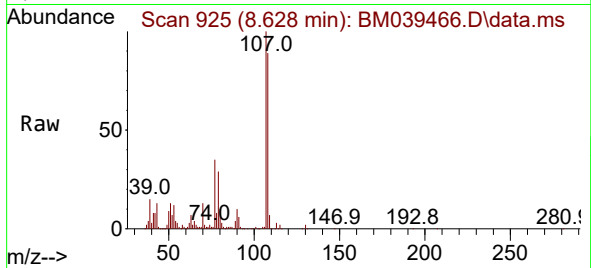




#18
4-Methylphenol
Concen: 21.499 ng/ul
RT: 8.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

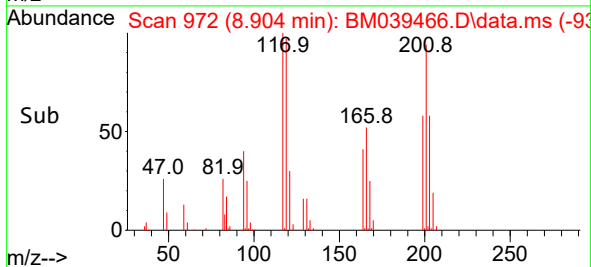
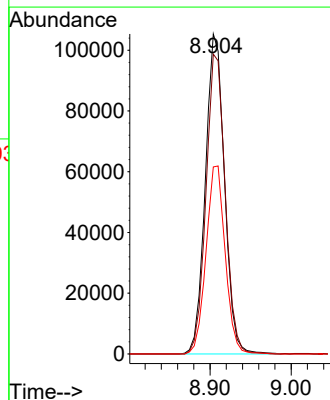
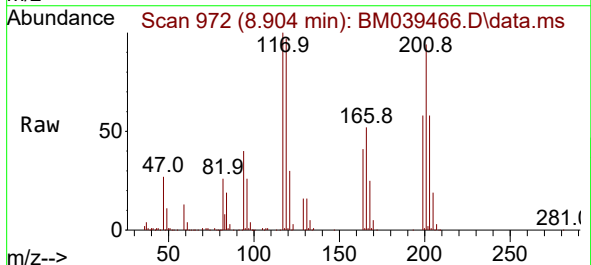
Instrument :
BNA_M
ClientSampleId :
SSTD020110

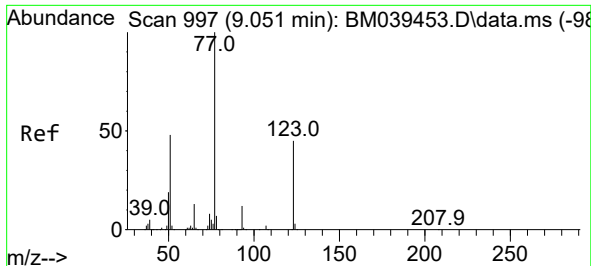
Tgt Ion:108 Resp: 423041
Ion Ratio Lower Upper
108 100
107 112.6 88.6 133.0



#19
Hexachloroethane
Concen: 21.283 ng/ul
RT: 8.904 min Scan# 972
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:117 Resp: 171965
Ion Ratio Lower Upper
117 100
201 93.7 78.3 117.5
199 58.4 47.4 71.0

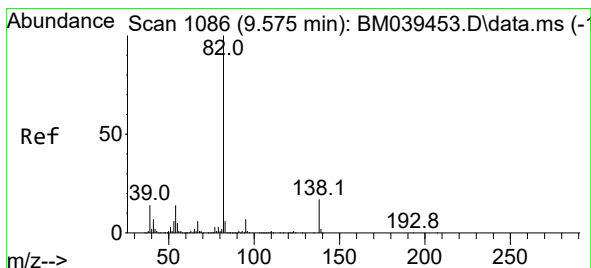
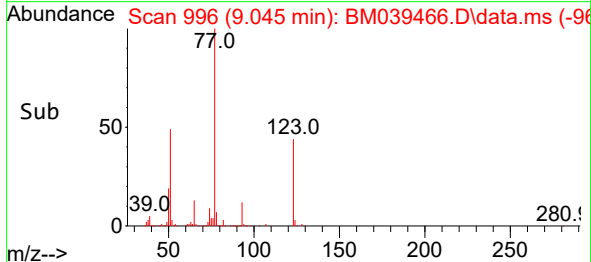
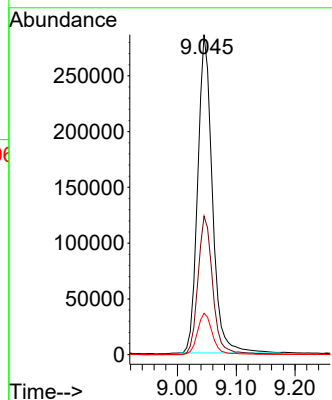
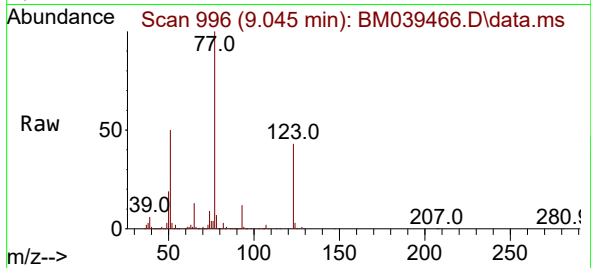




#22
Nitrobenzene
Concen: 21.113 ng/ul
RT: 9.045 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

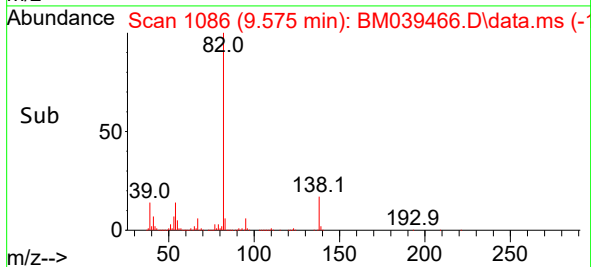
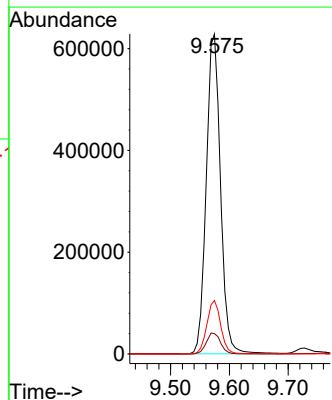
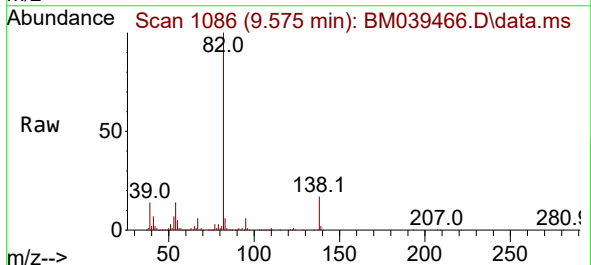
Instrument :
BNA_M
ClientSampleId :
SSTD020110

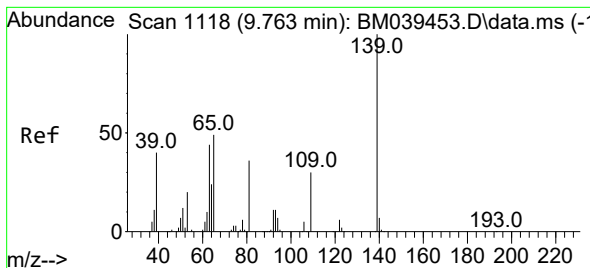
Tgt Ion: 77 Resp: 493288
Ion Ratio Lower Upper
77 100
123 43.3 36.1 54.1
65 13.0 10.2 15.2



#23
Isophorone
Concen: 21.157 ng/ul
RT: 9.575 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion: 82 Resp: 1054110
Ion Ratio Lower Upper
82 100
95 6.4 5.4 8.2
138 16.7 13.2 19.8

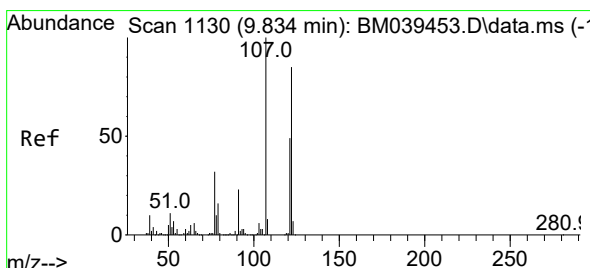
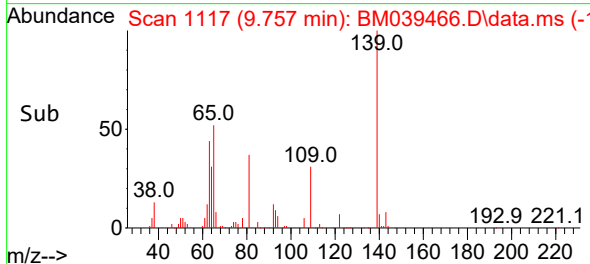
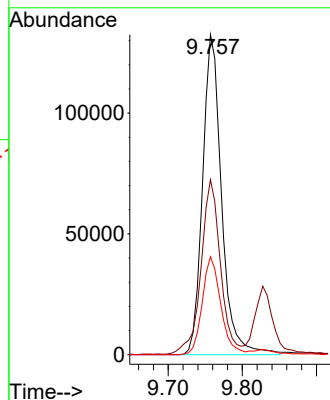
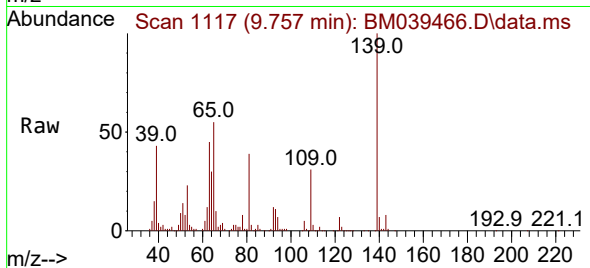




#25
2-Nitrophenol
Concen: 21.269 ng/ul
RT: 9.757 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

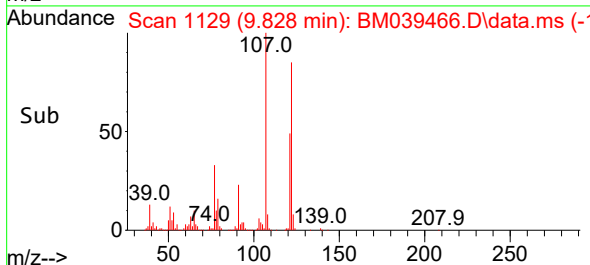
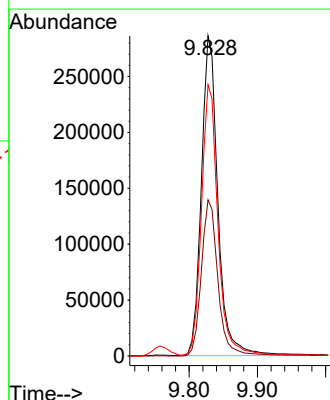
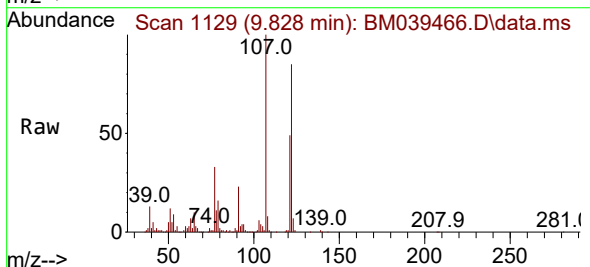
Instrument :
BNA_M
ClientSampleId :
SSTD020110

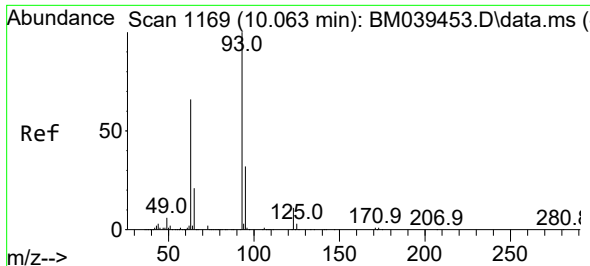
Tgt Ion:139 Resp: 235797
Ion Ratio Lower Upper
139 100
65 54.7 40.7 61.1
109 30.6 23.9 35.9



#26
2,4-Dimethylphenol
Concen: 21.257 ng/ul
RT: 9.828 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:107 Resp: 481604
Ion Ratio Lower Upper
107 100
121 48.8 39.1 58.7
122 84.8 68.1 102.1





#27

Bis(2-Chloroethoxy)methane

Concen: 20.965 ng/ul

RT: 10.057 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Instrument :

BNA_M

ClientSampleId :

SSTD020110

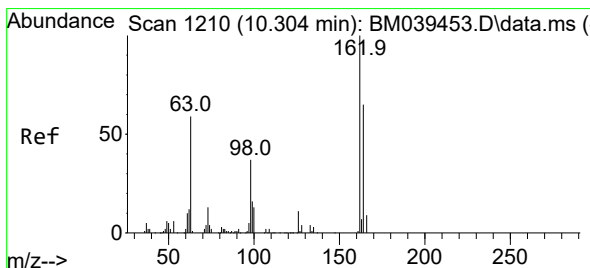
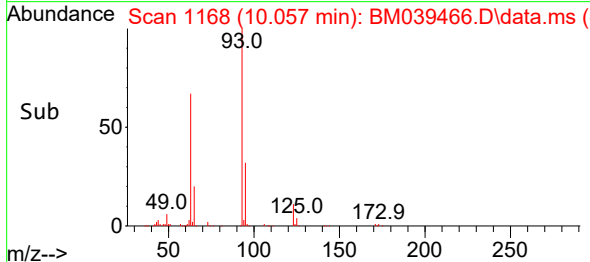
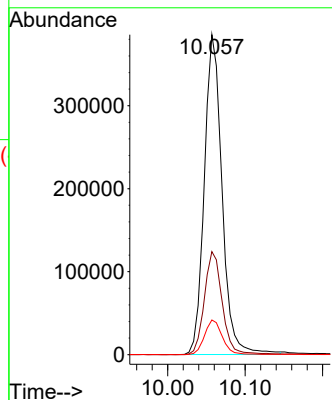
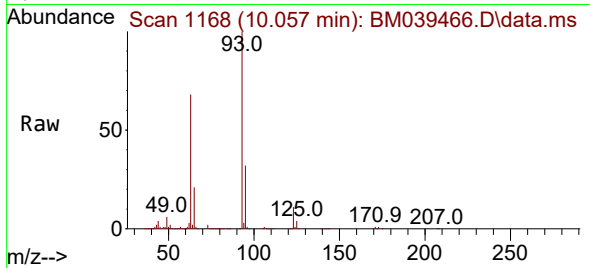
Tgt Ion: 93 Resp: 614221

Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

123 10.8 8.8 13.2



#29

2,4-Dichlorophenol

Concen: 21.317 ng/ul

RT: 10.298 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

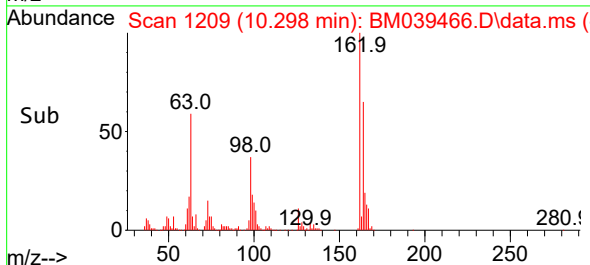
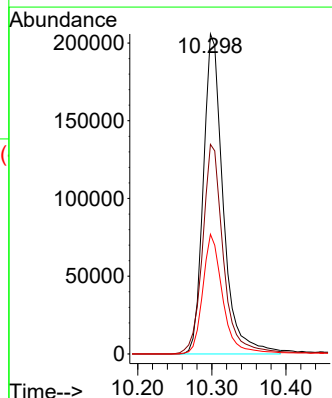
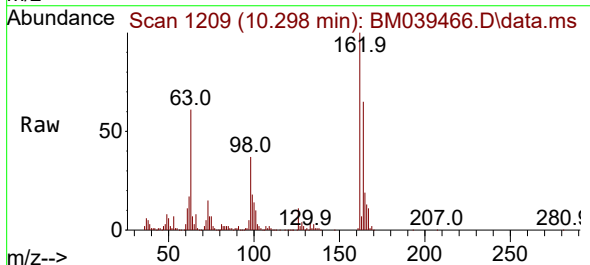
Tgt Ion:162 Resp: 383914

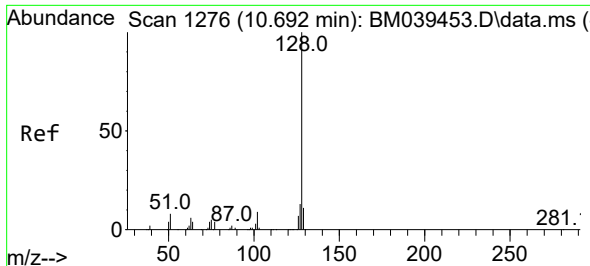
Ion Ratio Lower Upper

162 100

164 65.5 52.4 78.6

98 37.4 29.4 44.0

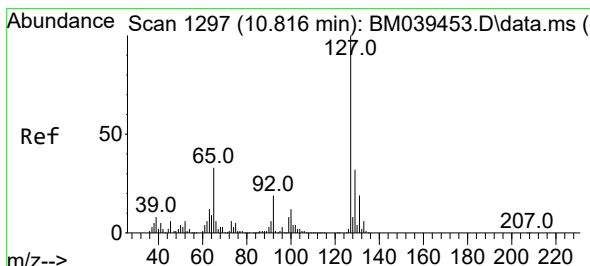
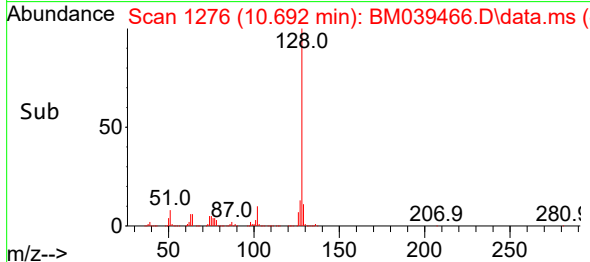
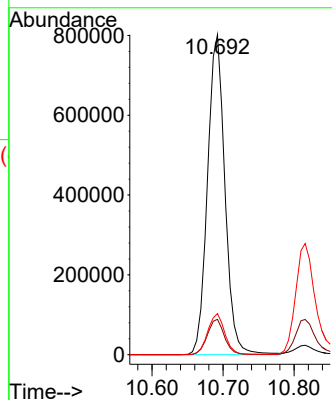
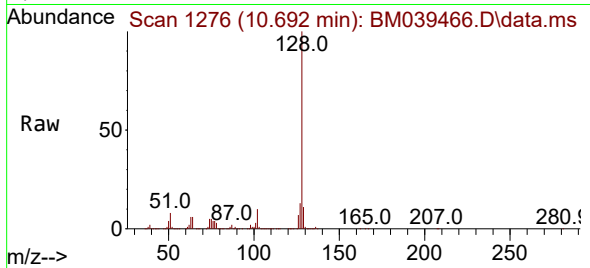




#30
Naphthalene
Concen: 21.020 ng/ul
RT: 10.692 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

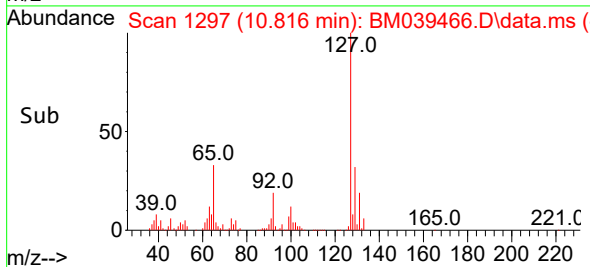
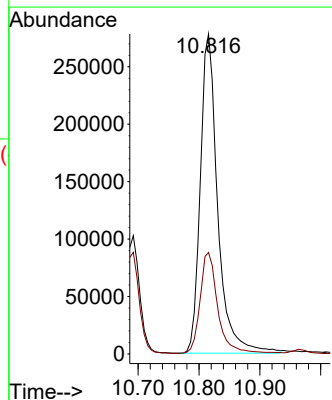
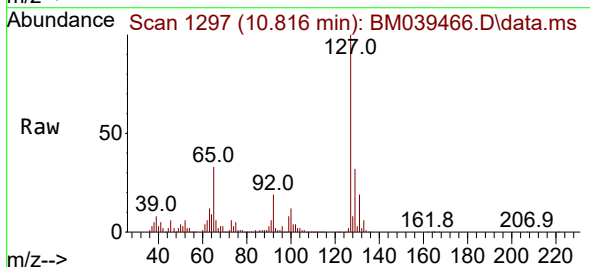
Instrument :
BNA_M
ClientSampleId :
SSTD020110

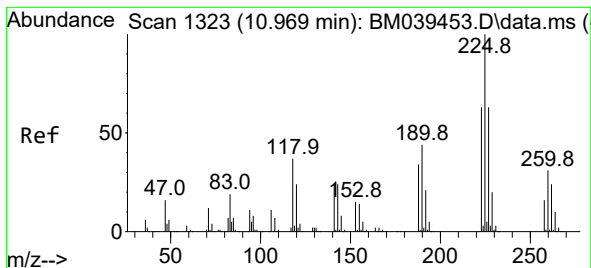
Tgt Ion:128 Resp: 1367905
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.8 10.5 15.7



#32
4-Chloroaniline
Concen: 20.531 ng/ul
RT: 10.816 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:127 Resp: 552413
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.8

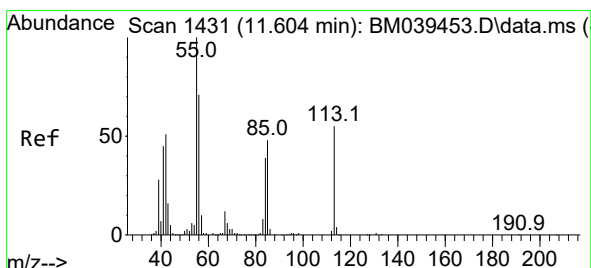
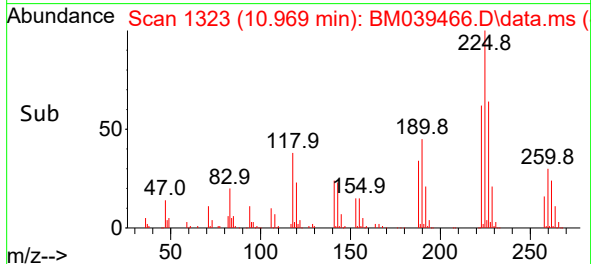
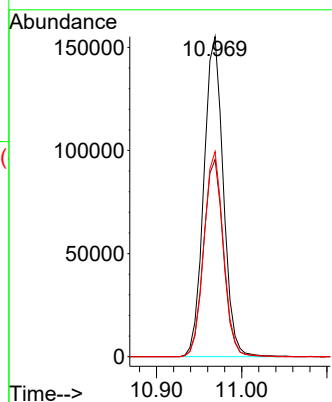
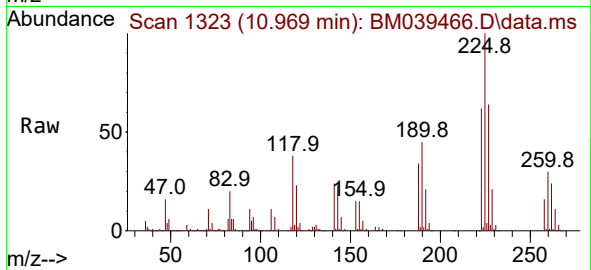




#33
Hexachlorobutadiene
Concen: 20.765 ng/ul
RT: 10.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

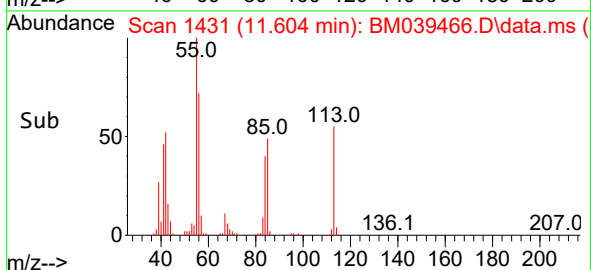
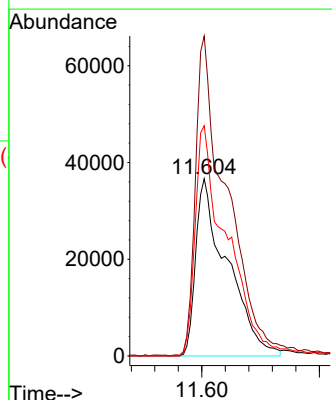
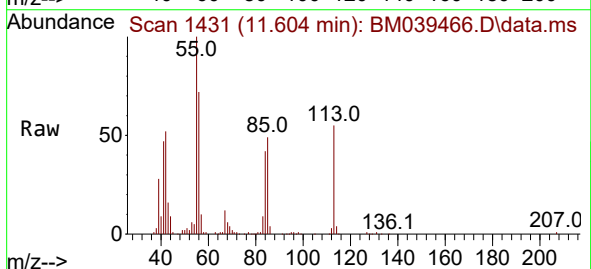
Instrument :
BNA_M
ClientSampleId :
SSTD020110

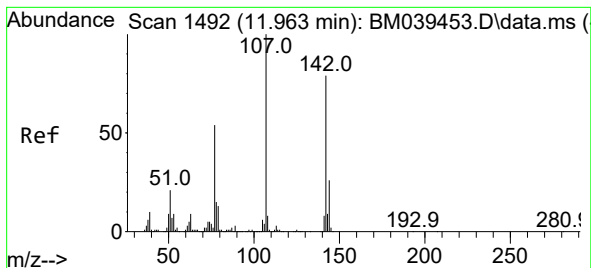
Tgt Ion:225 Resp: 246416
Ion Ratio Lower Upper
225 100
223 61.6 50.1 75.1
227 64.1 50.4 75.6



#34
Caprolactam
Concen: 20.311 ng/ul
RT: 11.604 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:113 Resp: 136219
Ion Ratio Lower Upper
113 100
55 180.4 145.5 218.3
56 129.9 103.9 155.9

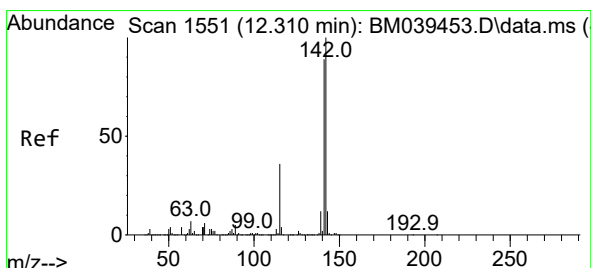
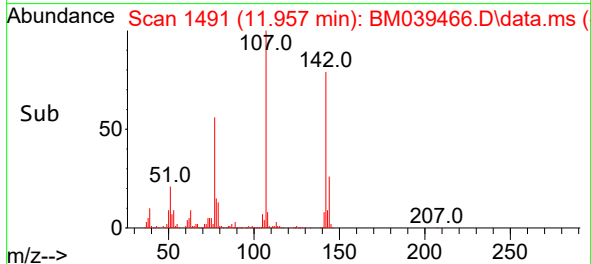
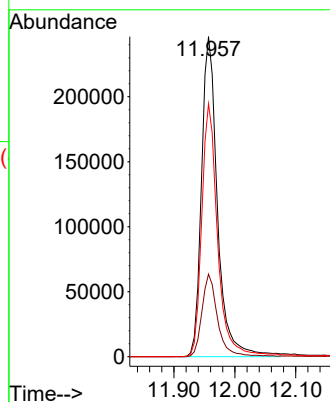
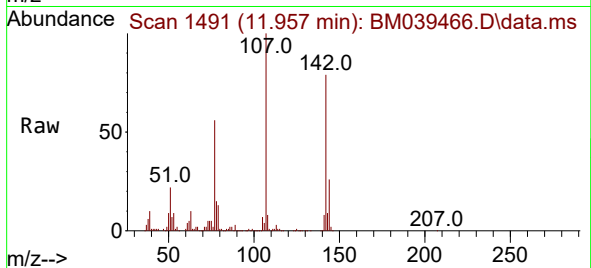




#35
4-Chloro-3-methylphenol
Concen: 21.350 ng/ul
RT: 11.957 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

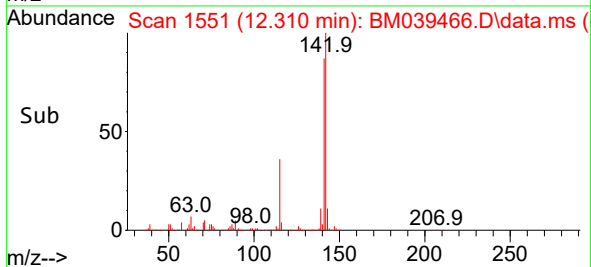
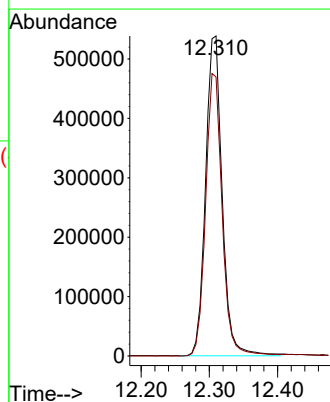
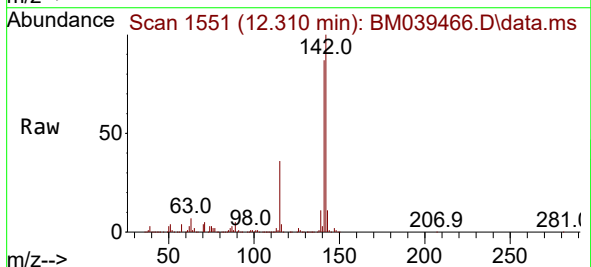
Instrument :
BNA_M
ClientSampleId :
SSTD020110

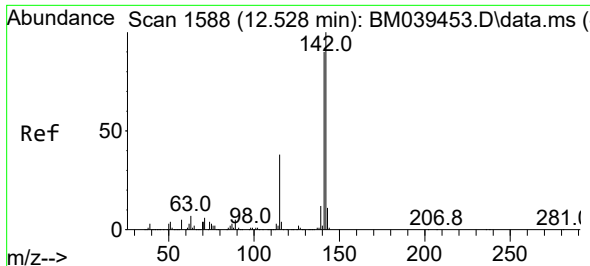
Tgt Ion:107 Resp: 448938
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.4
142 79.1 62.9 94.3



#36
2-Methylnaphthalene
Concen: 20.919 ng/ul
RT: 12.310 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:142 Resp: 912612
Ion Ratio Lower Upper
142 100
141 87.2 71.1 106.7





#37

1-Methylnaphthalene

Concen: 20.989 ng/ul

RT: 12.527 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Instrument :

BNA_M

ClientSampleId :

SSTD020110

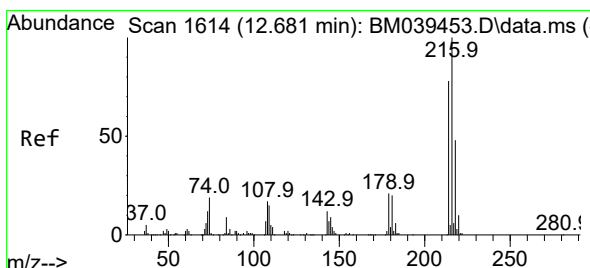
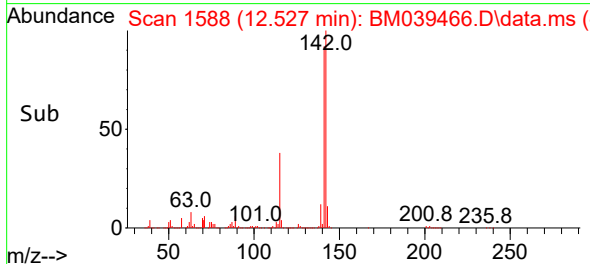
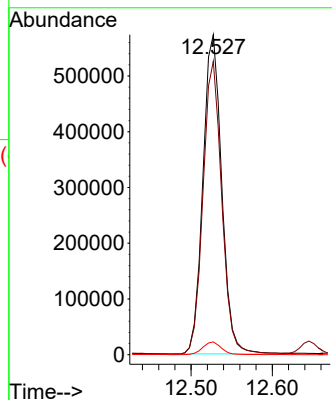
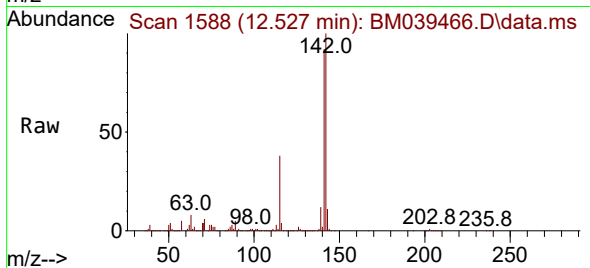
Tgt Ion:142 Resp: 920155

Ion Ratio Lower Upper

142 100

141 91.7 72.0 108.0

116 4.0 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.768 ng/ul

RT: 12.674 min Scan# 1613

Delta R.T. -0.006 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Tgt Ion:216 Resp: 472571

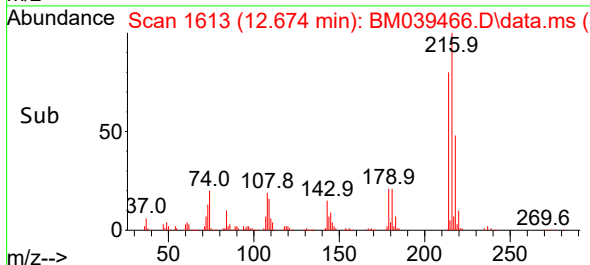
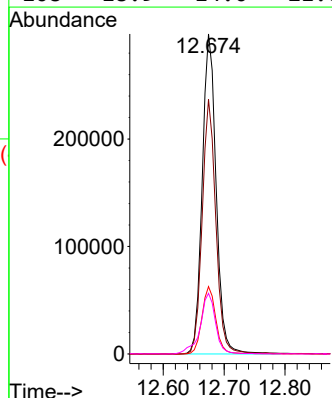
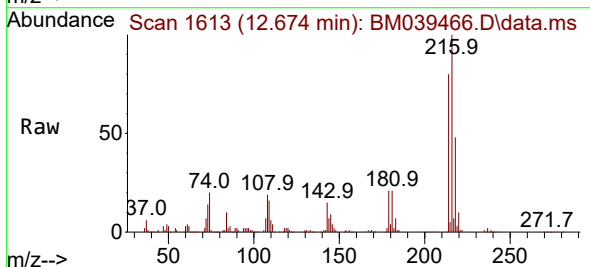
Ion Ratio Lower Upper

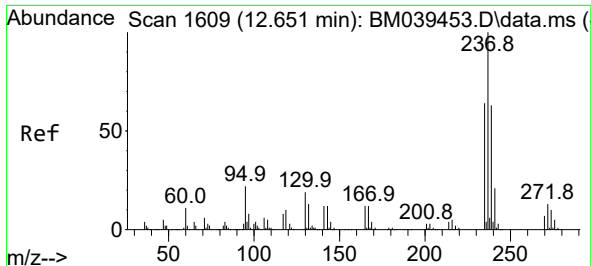
216 100

214 79.5 62.2 93.2

179 21.1 16.5 24.7

108 18.9 14.0 21.0

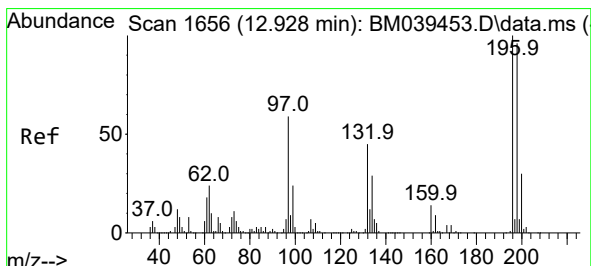
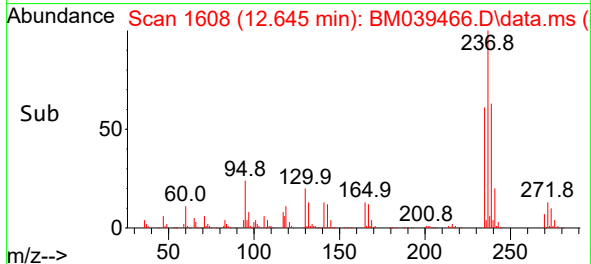
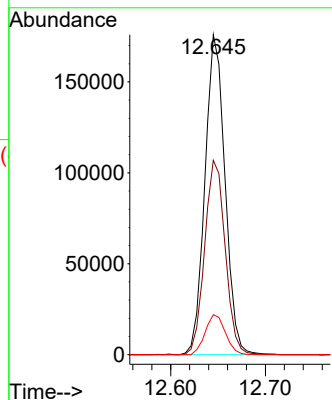
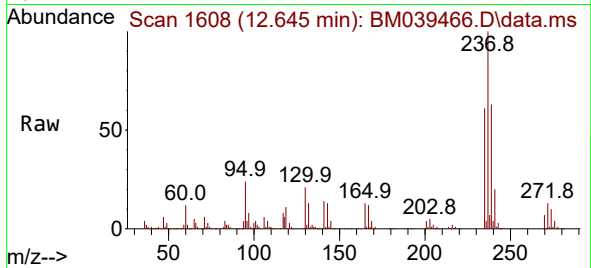




#40
Hexachlorocyclopentadiene
Concen: 19.137 ng/ul
RT: 12.645 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

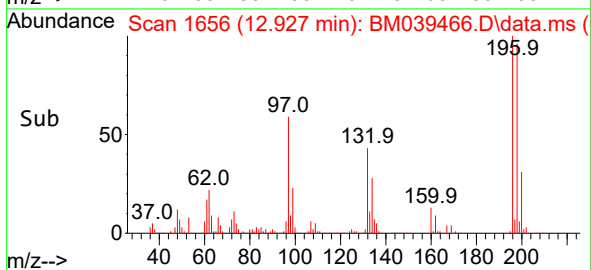
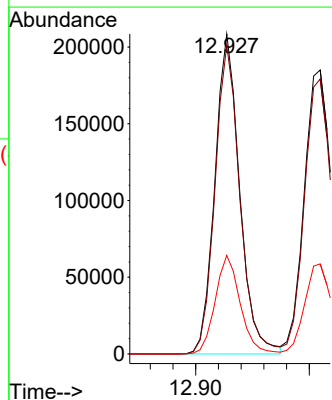
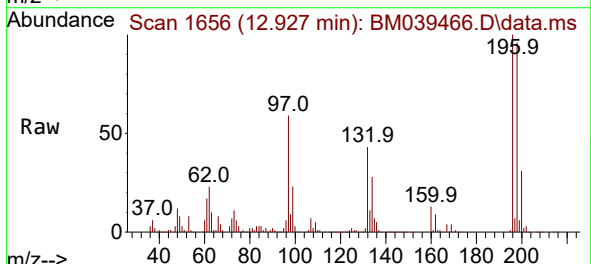
Instrument :
BNA_M
ClientSampleId :
SSTD020110

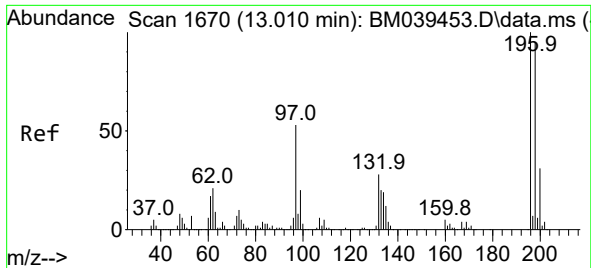
Tgt Ion:237 Resp: 259438
Ion Ratio Lower Upper
237 100
235 60.7 50.9 76.3
272 12.5 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 20.819 ng/ul
RT: 12.927 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:196 Resp: 316481
Ion Ratio Lower Upper
196 100
198 96.4 76.7 115.1
200 30.8 23.8 35.6

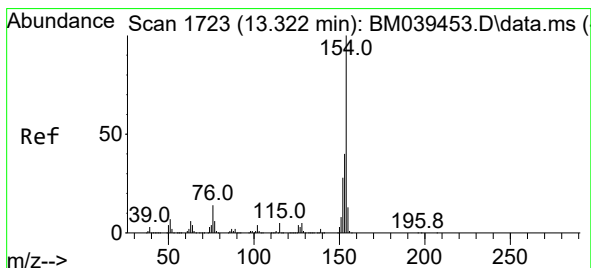
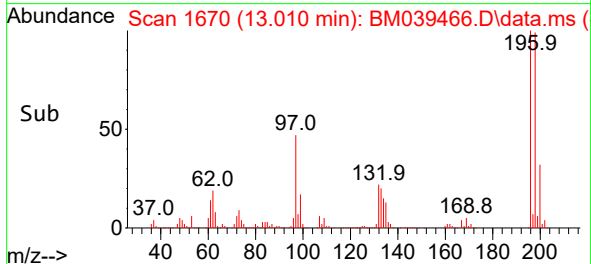
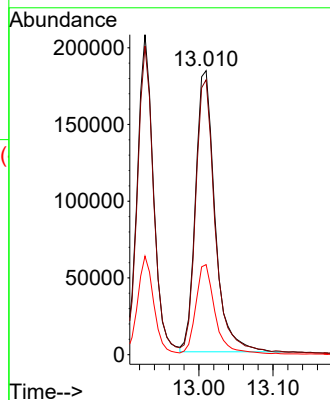
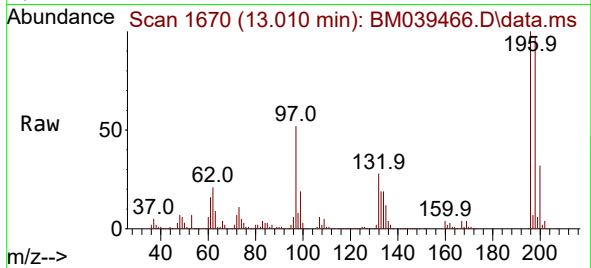




#42
2,4,5-Trichlorophenol
Concen: 21.147 ng/ul
RT: 13.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

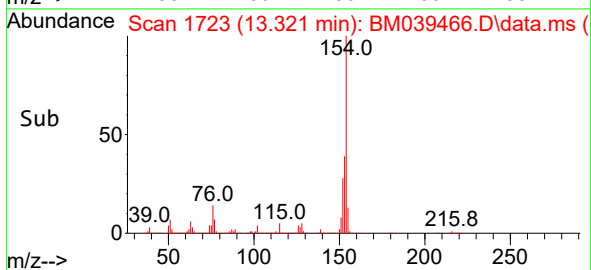
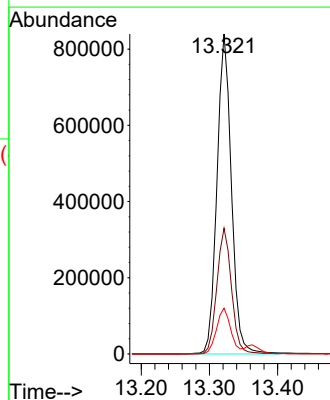
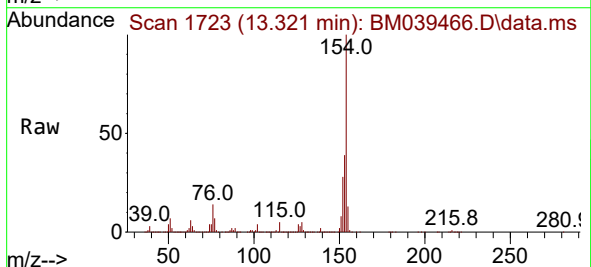
Instrument :
BNA_M
ClientSampleId :
SSTD020110

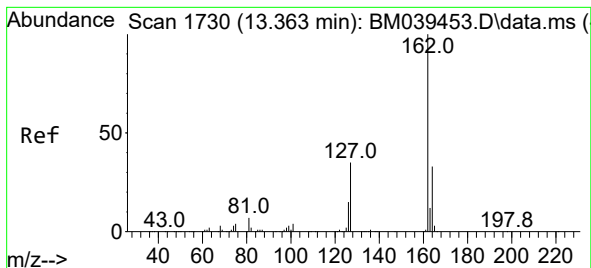
Tgt Ion:196 Resp: 334107
Ion Ratio Lower Upper
196 100
198 96.8 75.7 113.5
200 31.7 24.6 36.8



#43
1,1'-Biphenyl
Concen: 21.141 ng/ul
RT: 13.321 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:154 Resp: 1238509
Ion Ratio Lower Upper
154 100
153 39.3 31.9 47.9
76 14.3 11.5 17.3





#44

2-Chloronaphthalene

Concen: 21.014 ng/ul

RT: 13.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Instrument :

BNA_M

ClientSampleId :

SSTD020110

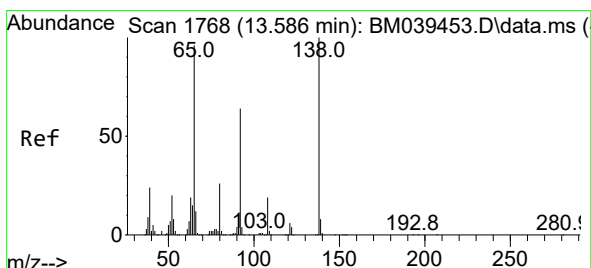
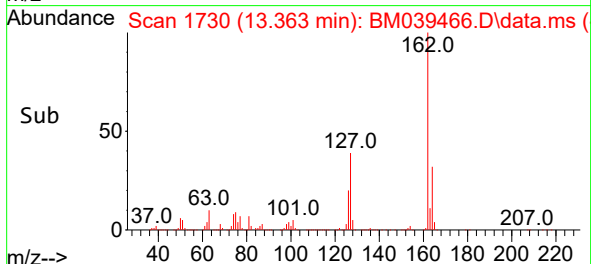
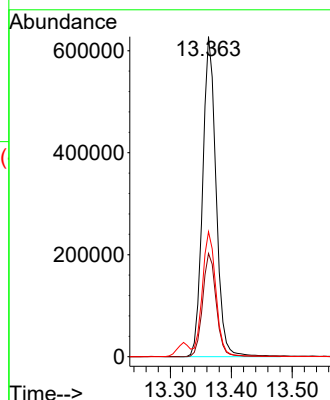
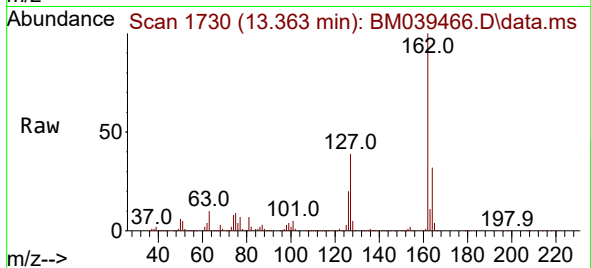
Tgt Ion:162 Resp: 965727

Ion Ratio Lower Upper

162 100

164 32.3 26.1 39.1

127 39.0 31.4 47.2



#45

2-Nitroaniline

Concen: 21.704 ng/ul

RT: 13.586 min Scan# 1768

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

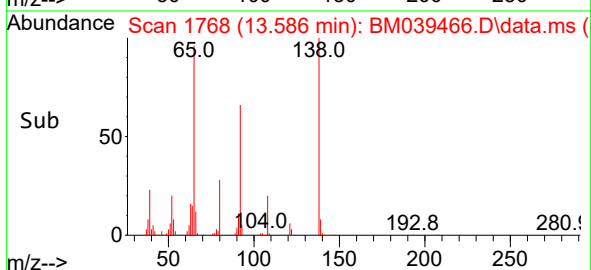
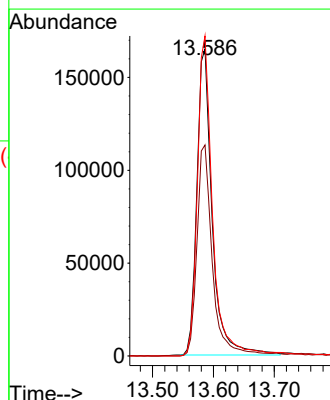
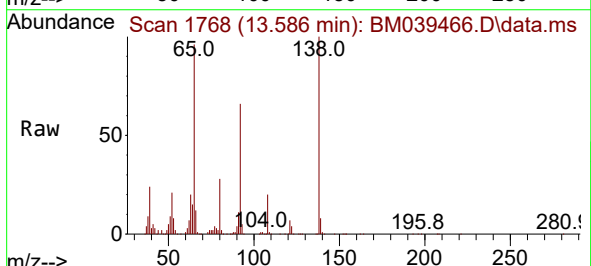
Tgt Ion: 65 Resp: 287840

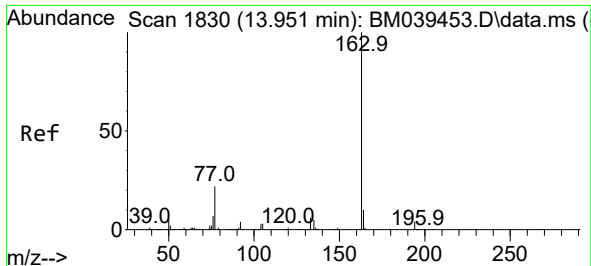
Ion Ratio Lower Upper

65 100

92 68.7 53.4 80.2

138 104.2 83.2 124.8





#47

Dimethylphthalate

Concen: 20.908 ng/ul

RT: 13.951 min Scan# 1830

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Instrument :

BNA_M

ClientSampleId :

SSTD020110

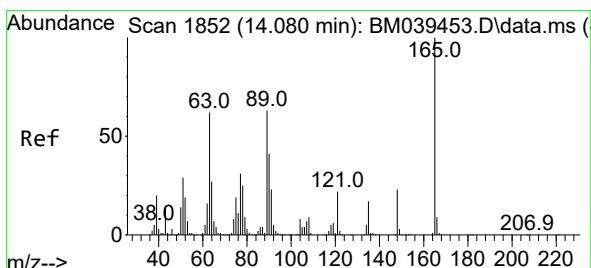
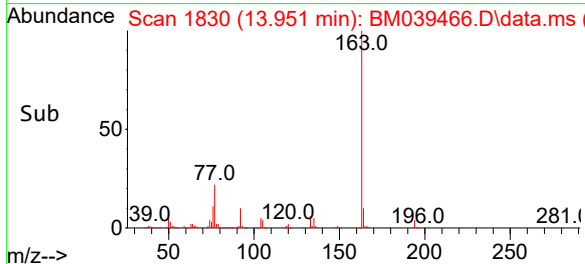
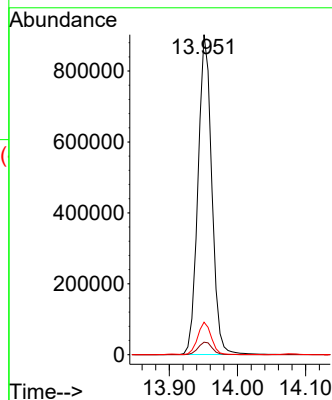
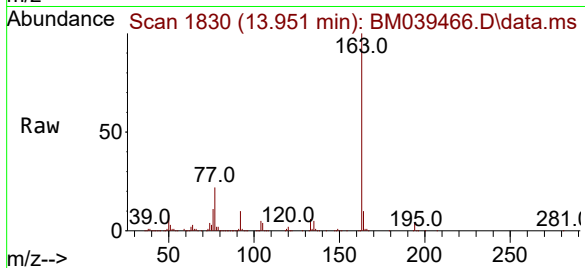
Tgt Ion:163 Resp: 1265602

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.2 12.2



#48

2,6-Dinitrotoluene

Concen: 21.081 ng/ul

RT: 14.080 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

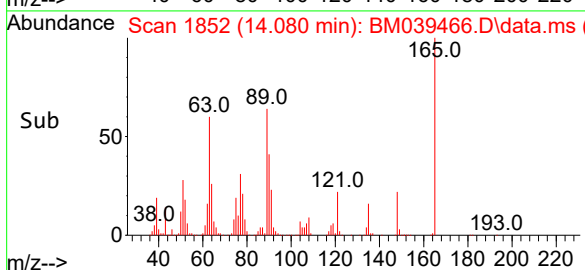
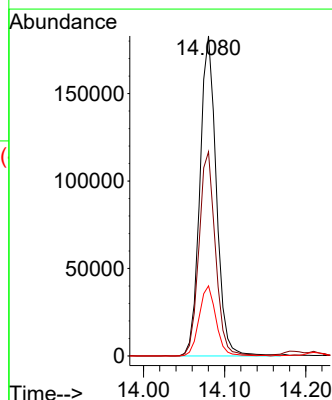
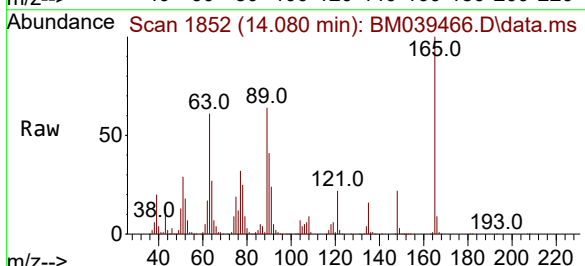
Tgt Ion:165 Resp: 258079

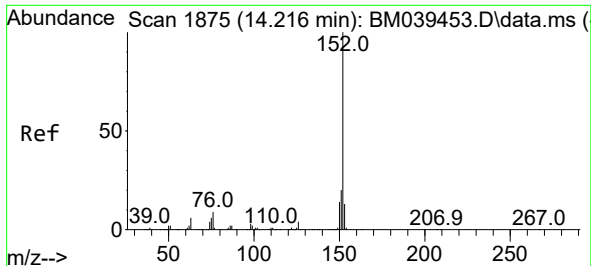
Ion Ratio Lower Upper

165 100

89 63.8 50.6 76.0

121 21.9 17.3 25.9

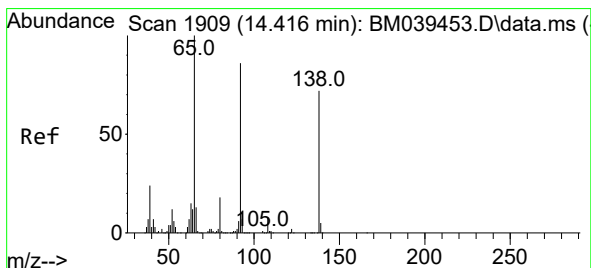
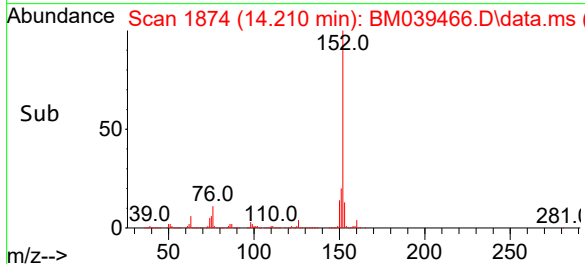
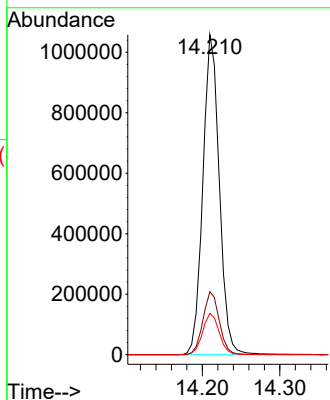
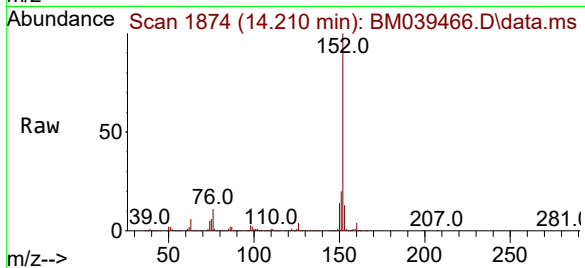




#50
Acenaphthylene
Concen: 21.217 ng/ul
RT: 14.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

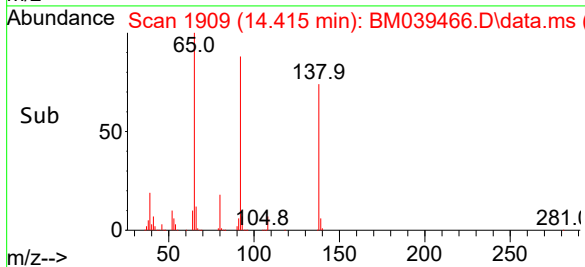
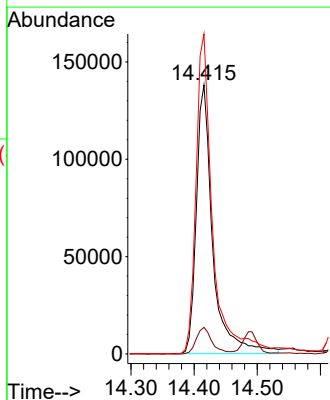
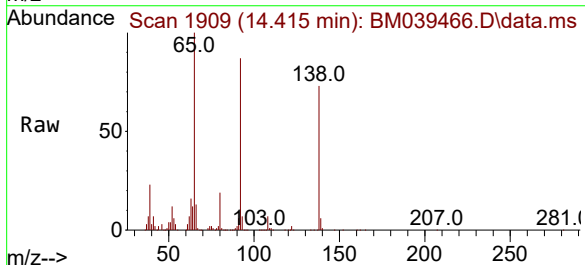
Instrument :
BNA_M
ClientSampleId :
SSTD020110

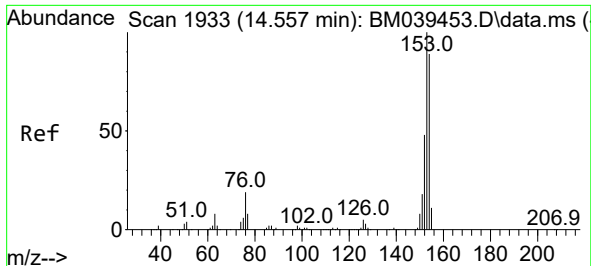
Tgt Ion:152 Resp: 1558769
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 12.9 10.4 15.6



#51
3-Nitroaniline
Concen: 21.692 ng/ul
RT: 14.415 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:138 Resp: 248908
Ion Ratio Lower Upper
138 100
108 9.9 8.8 13.2
92 118.9 95.5 143.3

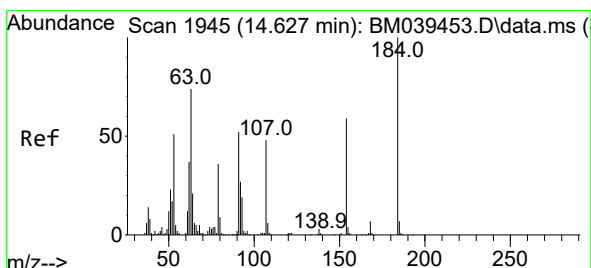
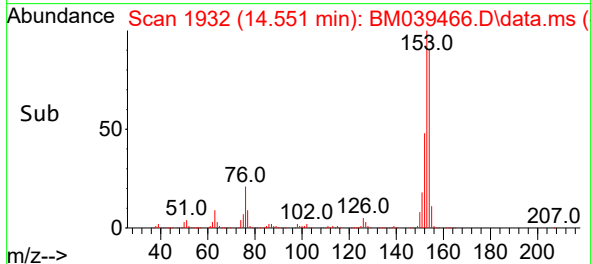
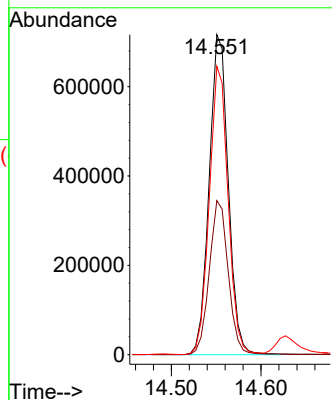
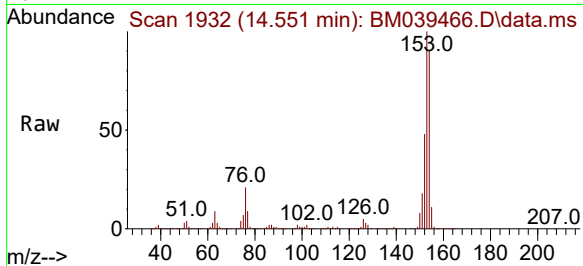




#52
Acenaphthene
Concen: 20.928 ng/ul
RT: 14.551 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

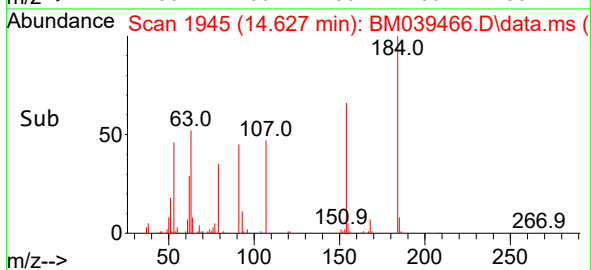
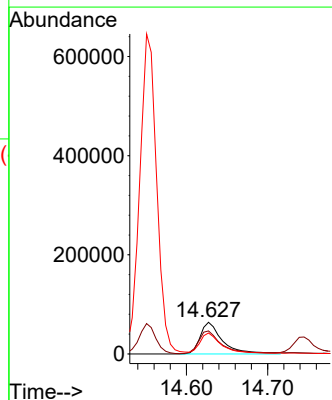
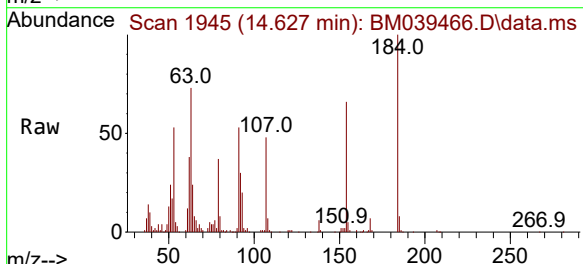
Instrument :
BNA_M
ClientSampleId :
SSTD020110

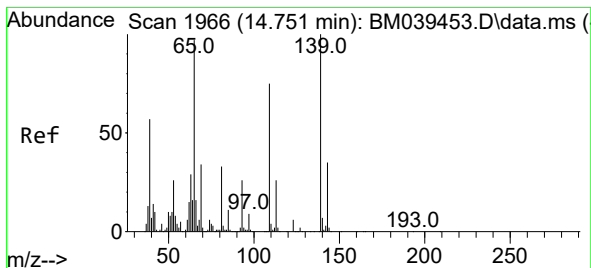
Tgt Ion:153 Resp: 1058605
Ion Ratio Lower Upper
153 100
152 48.1 38.2 57.4
154 90.1 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 18.790 ng/ul
RT: 14.627 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:184 Resp: 122449
Ion Ratio Lower Upper
184 100
63 72.6 60.0 90.0
154 66.1 51.8 77.6

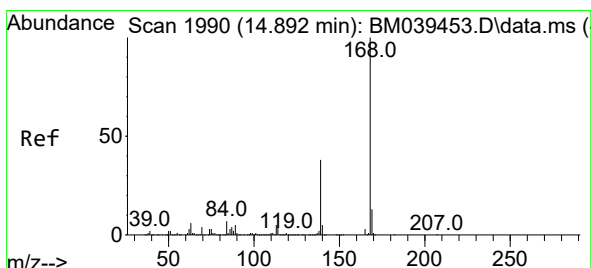
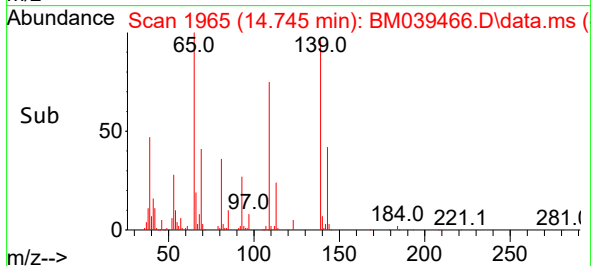
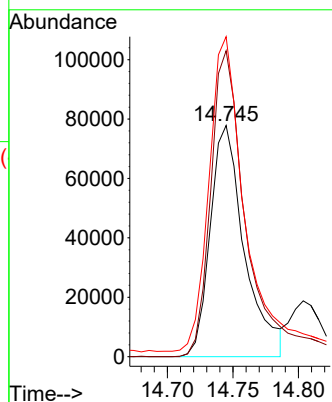
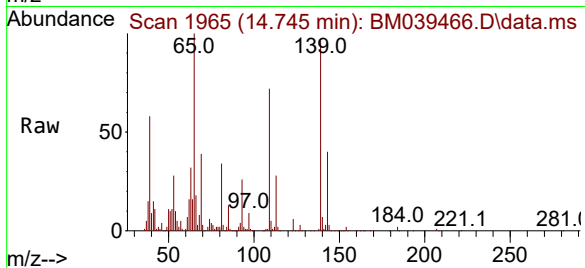




#55
4-Nitrophenol
Concen: 20.042 ng/ul
RT: 14.745 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

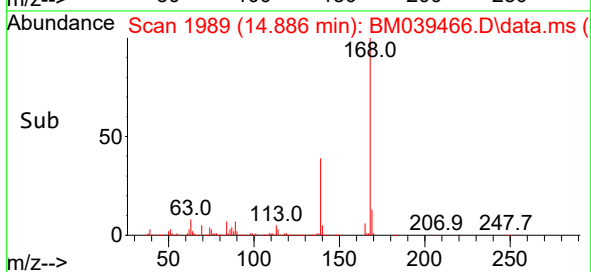
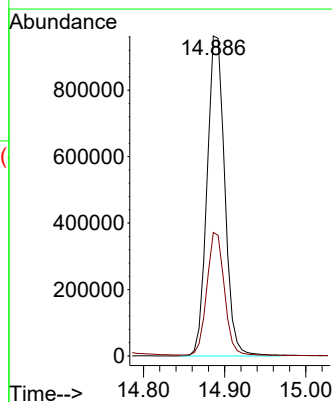
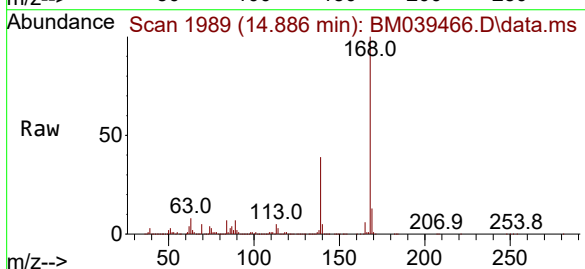
Instrument :
BNA_M
ClientSampleId :
SSTD020110

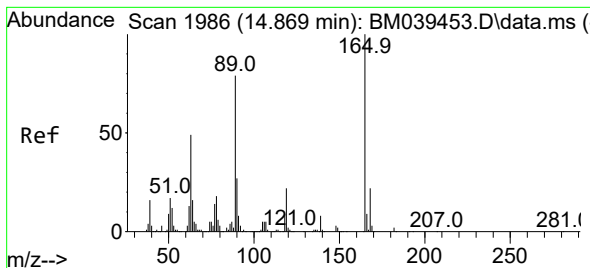
Tgt Ion:109 Resp: 140857
Ion Ratio Lower Upper
109 100
139 132.3 106.4 159.6
65 138.4 104.8 157.2



#56
Dibenzofuran
Concen: 21.176 ng/ul
RT: 14.886 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:168 Resp: 1455908
Ion Ratio Lower Upper
168 100
139 38.6 30.7 46.1

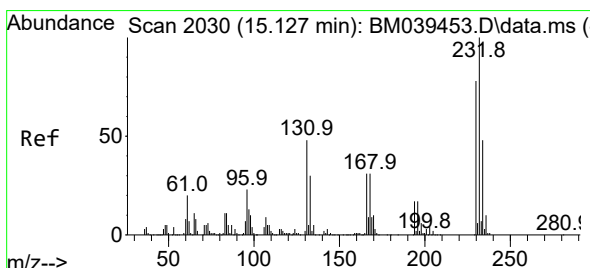
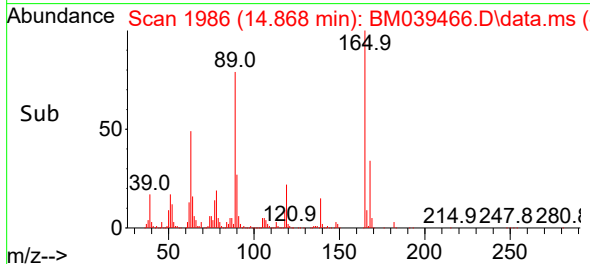
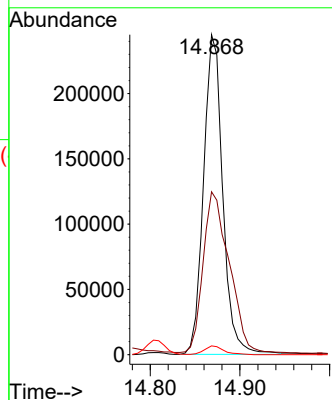
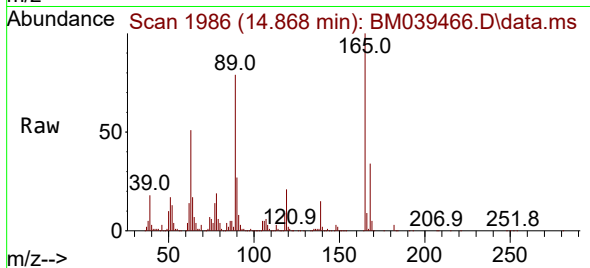




#57
2,4-Dinitrotoluene
Concen: 21.386 ng/ul
RT: 14.868 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

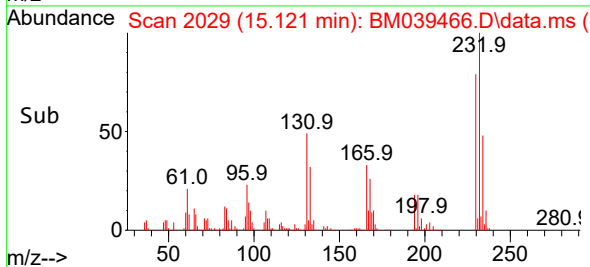
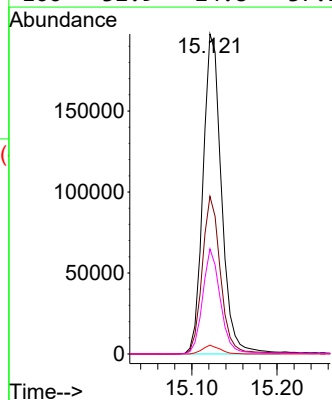
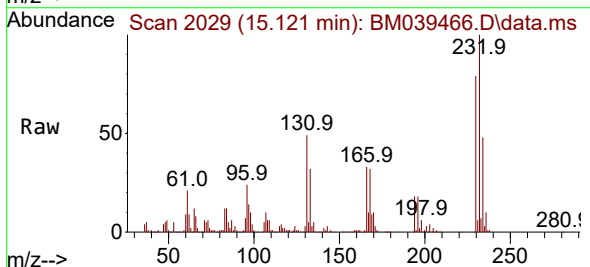
Instrument :
BNA_M
ClientSampleId :
SSTD020110

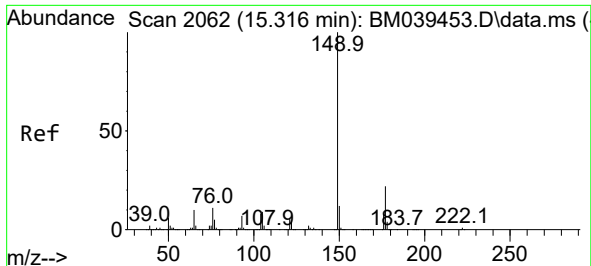
Tgt Ion:165 Resp: 363782
Ion Ratio Lower Upper
165 100
63 50.9 39.4 59.2
182 2.8 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.063 ng/ul
RT: 15.121 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:232 Resp: 297866
Ion Ratio Lower Upper
232 100
131 49.3 38.0 57.0
130 2.7 2.0 3.0
166 32.9 24.8 37.2

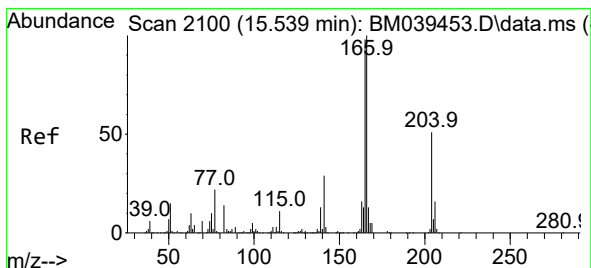
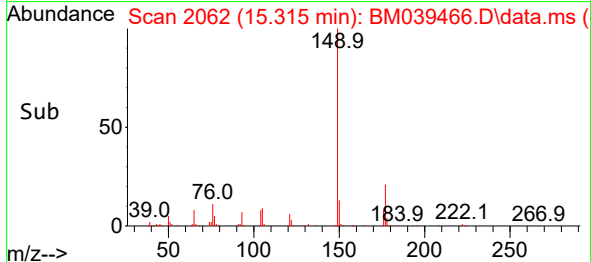
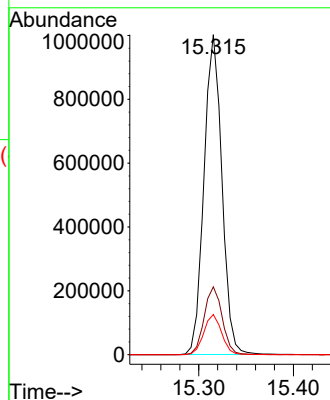
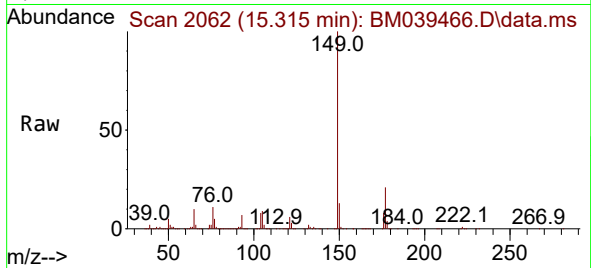




#59
Diethylphthalate
Concen: 20.953 ng/ul
RT: 15.315 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

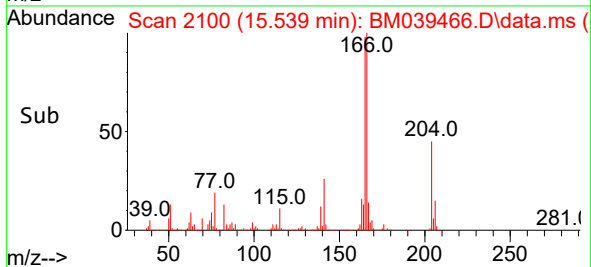
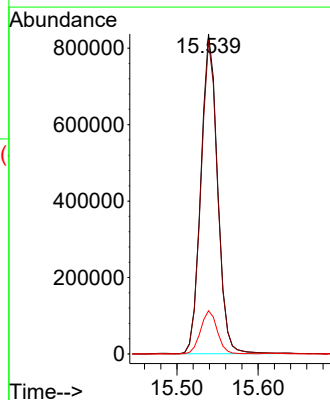
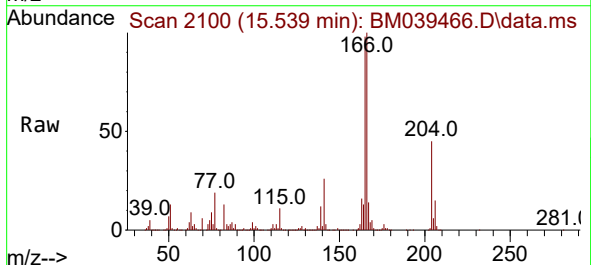
Instrument :
BNA_M
ClientSampleId :
SSTD020110

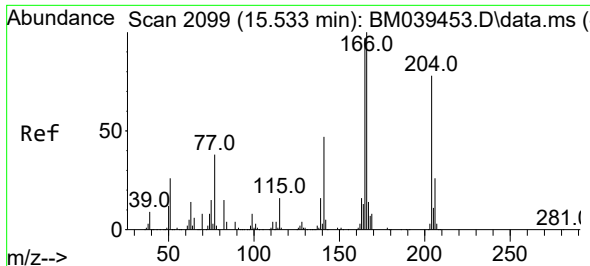
Tgt Ion:149 Resp: 1314734
Ion Ratio Lower Upper
149 100
177 21.2 17.3 25.9
150 12.5 9.8 14.6



#61
Fluorene
Concen: 21.044 ng/ul
RT: 15.539 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:166 Resp: 1196822
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.5 10.7 16.1

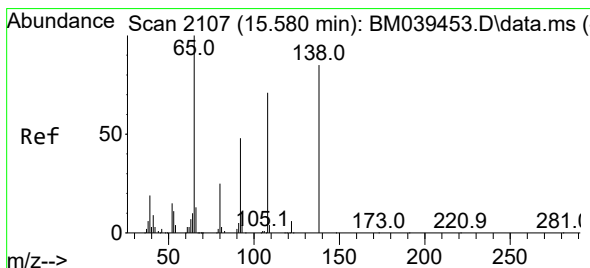
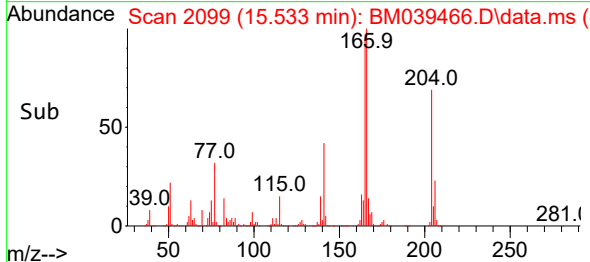
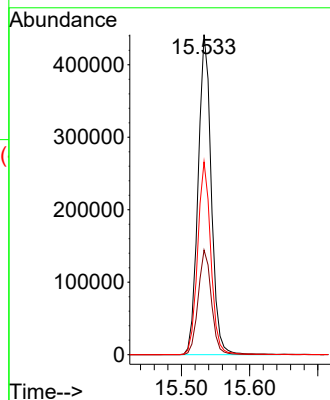
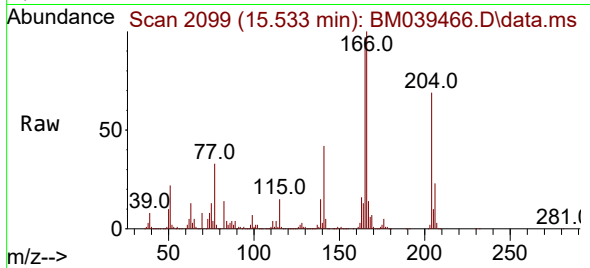




#62
4-Chlorophenyl-phenylether
Concen: 21.073 ng/ul
RT: 15.533 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

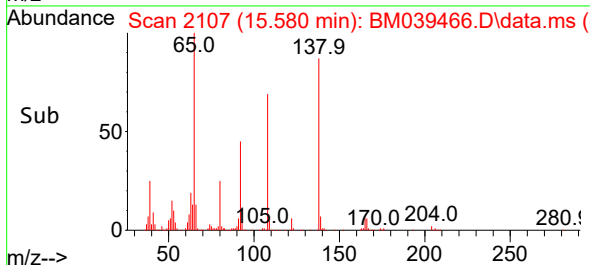
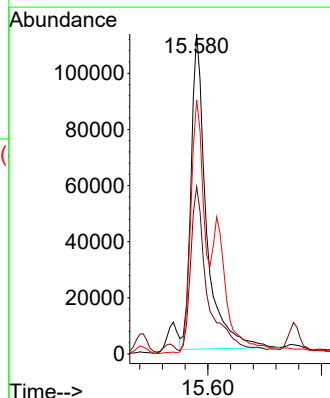
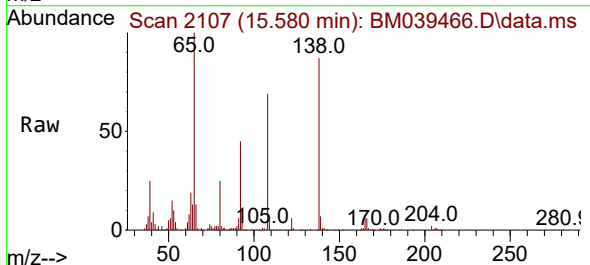
Instrument :
BNA_M
ClientSampleId :
SSTD020110

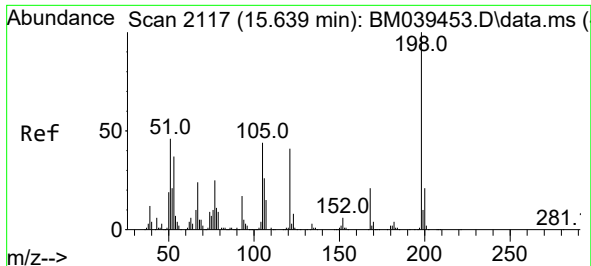
Tgt Ion:204 Resp: 594039
Ion Ratio Lower Upper
204 100
206 32.7 26.8 40.2
141 60.2 48.5 72.7



#63
4-Nitroaniline
Concen: 24.023 ng/ul
RT: 15.580 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:138 Resp: 211384
Ion Ratio Lower Upper
138 100
92 52.3 44.1 66.1
108 79.4 64.6 97.0

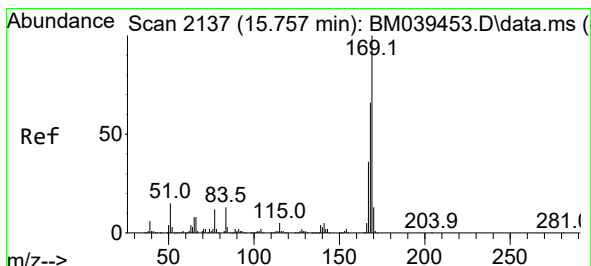
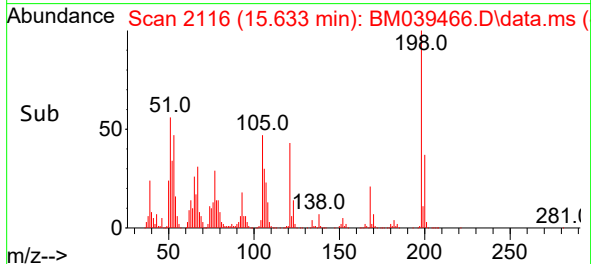
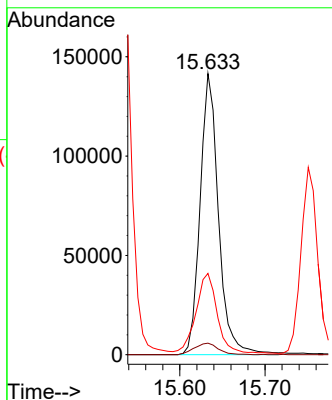
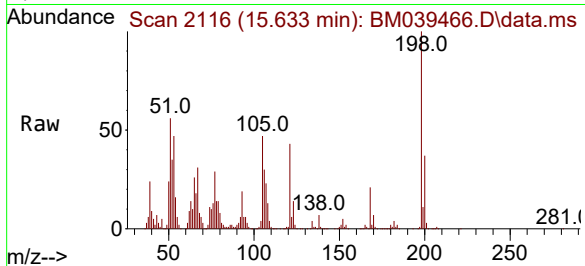




#66
4,6-Dinitro-2-methylphenol
Concen: 20.914 ng/ul
RT: 15.633 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

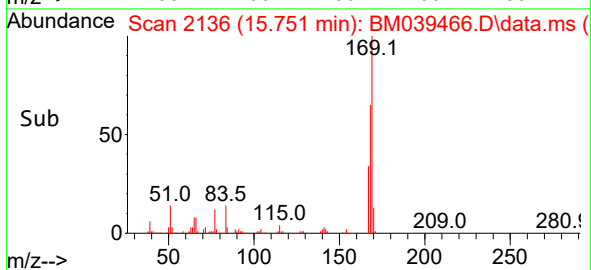
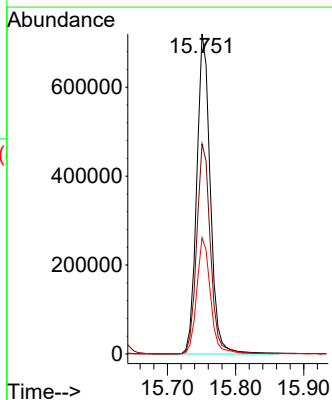
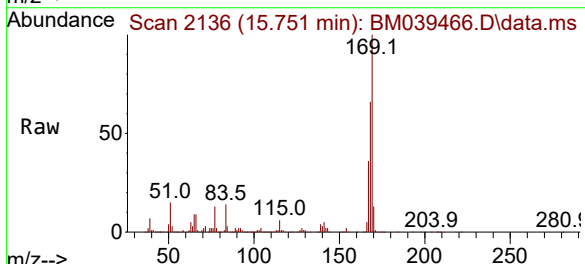
Instrument :
BNA_M
ClientSampleId :
SSTD020110

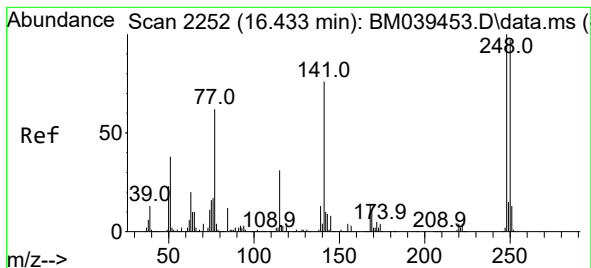
Tgt Ion:198 Resp: 212618
Ion Ratio Lower Upper
198 100
182 4.1 3.1 4.7
77 28.9 20.6 31.0



#67
N-Nitrosodiphenylamine
Concen: 21.034 ng/ul
RT: 15.751 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:169 Resp: 997196
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 36.3 28.9 43.3

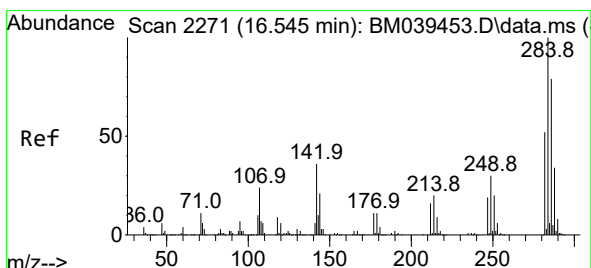
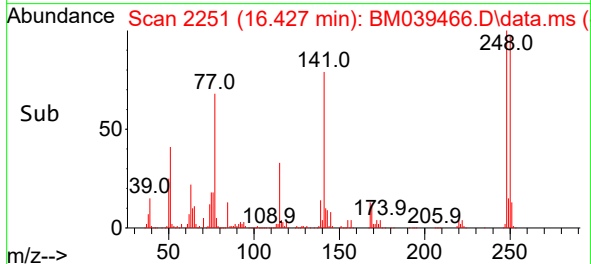
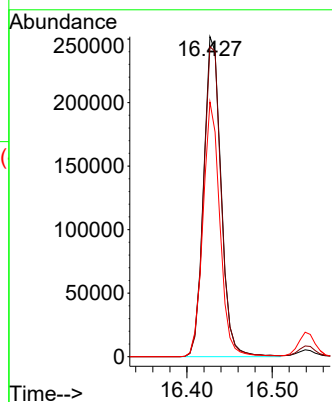
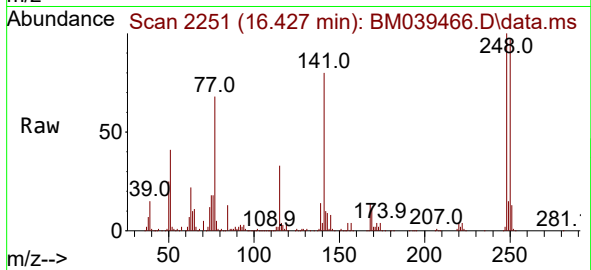




#68
4-Bromophenyl-phenylether
Concen: 20.914 ng/ul
RT: 16.427 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

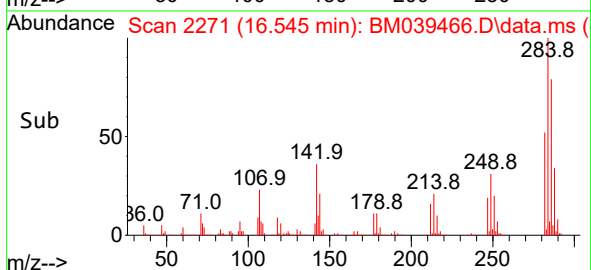
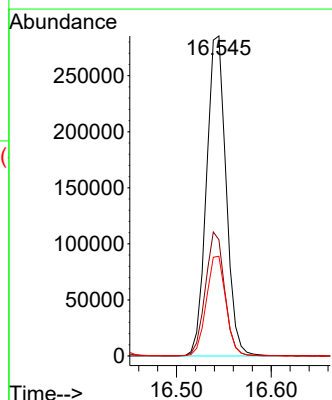
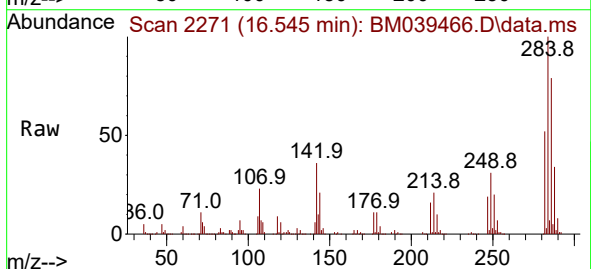
Instrument :
BNA_M
ClientSampleId :
SSTD020110

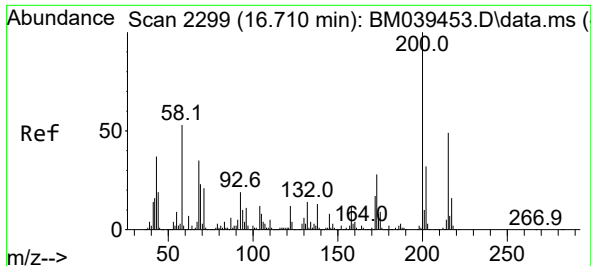
Tgt Ion:248 Resp: 359438
Ion Ratio Lower Upper
248 100
250 96.9 77.7 116.5
141 79.6 61.0 91.4



#69
Hexachlorobenzene
Concen: 20.701 ng/ul
RT: 16.545 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:284 Resp: 408719
Ion Ratio Lower Upper
284 100
142 36.3 28.9 43.3
249 31.1 23.9 35.9

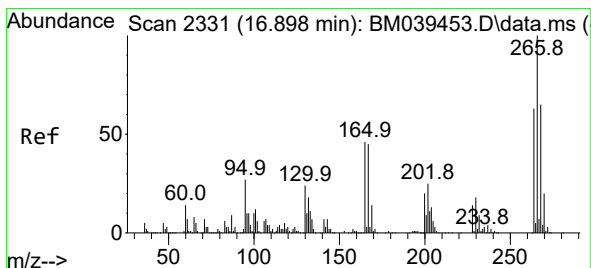
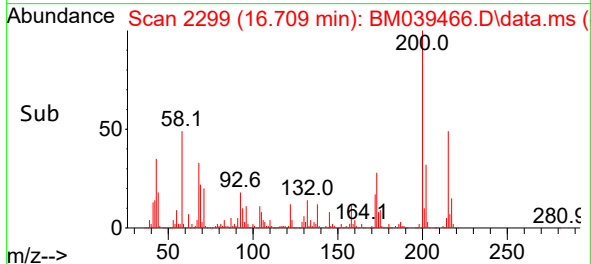
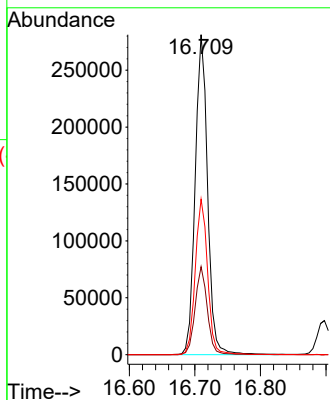
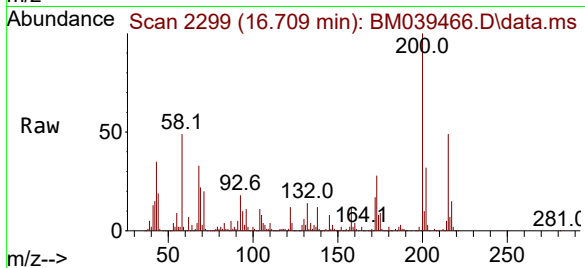




#70
Atrazine
Concen: 21.095 ng/ul
RT: 16.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

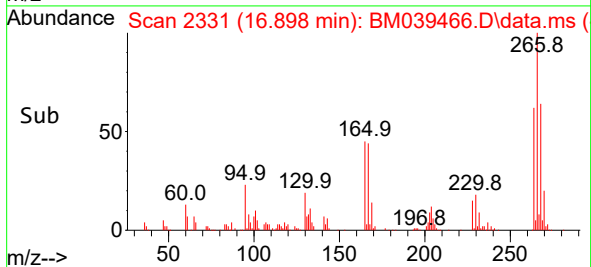
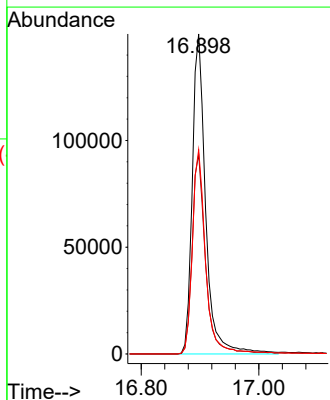
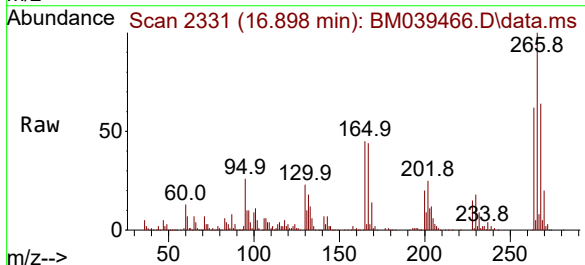
Instrument :
BNA_M
ClientSampleId :
SSTD020110

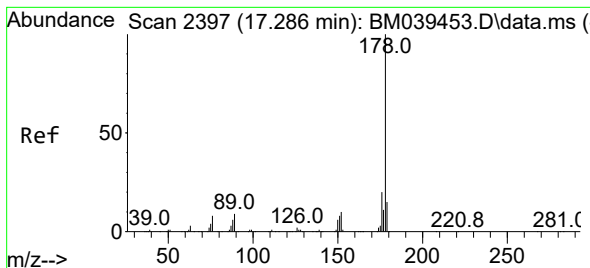
Tgt Ion:200 Resp: 371094
Ion Ratio Lower Upper
200 100
173 27.5 22.2 33.2
215 48.6 38.9 58.3



#71
Pentachlorophenol
Concen: 20.569 ng/ul
RT: 16.898 min Scan# 2331
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:266 Resp: 237401
Ion Ratio Lower Upper
266 100
264 62.3 50.2 75.4
268 63.8 51.9 77.9





#72

Phenanthrene

Concen: 21.004 ng/ul

RT: 17.286 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Instrument :

BNA_M

ClientSampleId :

SSTD020110

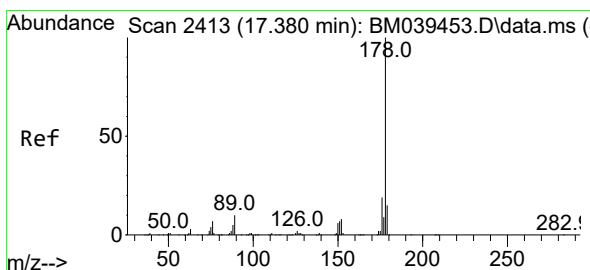
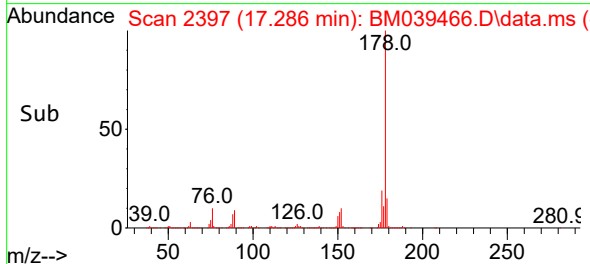
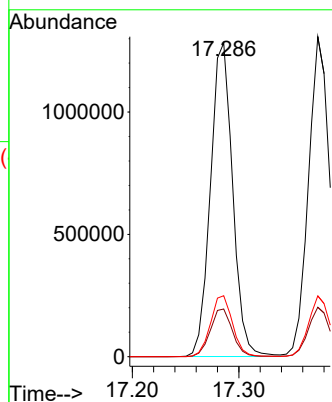
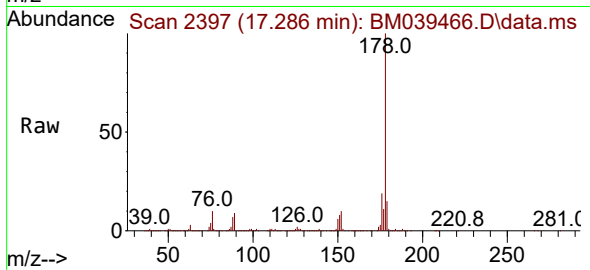
Tgt Ion:178 Resp: 1855486

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 19.5 15.8 23.8



#74

Anthracene

Concen: 21.126 ng/ul

RT: 17.374 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

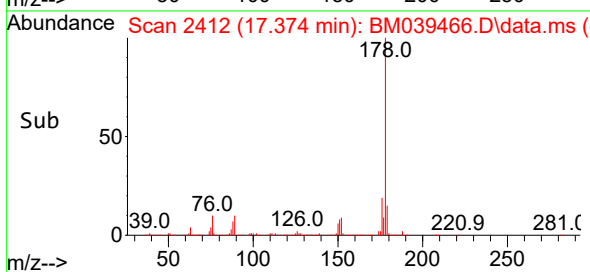
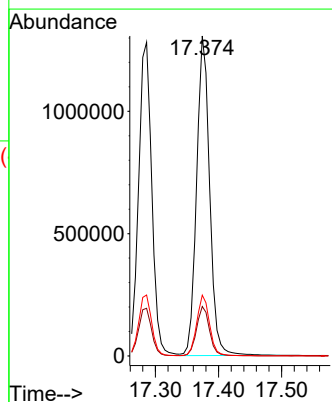
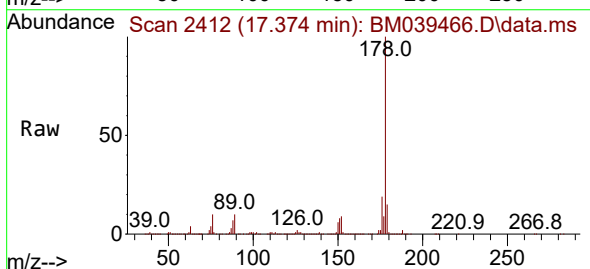
Tgt Ion:178 Resp: 1872262

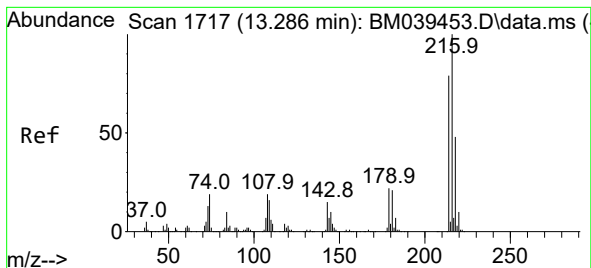
Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

176 19.0 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.914 ng/uL

RT: 13.286 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Instrument :

BNA_M

ClientSampleId :

SSTD020110

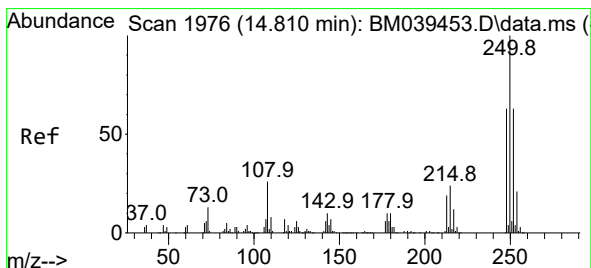
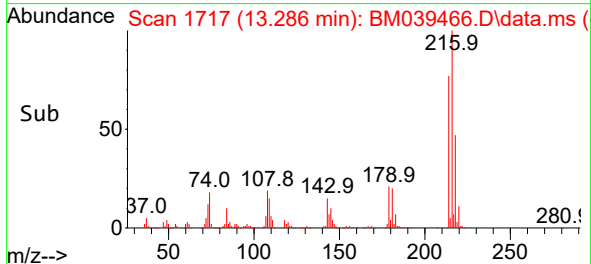
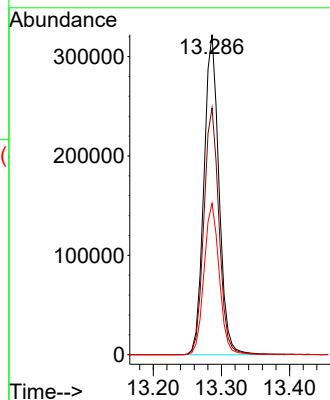
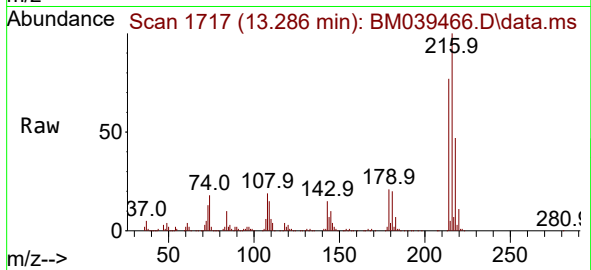
Tgt Ion:216 Resp: 495629

Ion Ratio Lower Upper

216 100

214 77.1 63.0 94.4

218 47.3 38.1 57.1



#76

Pentachlorobenzene

Concen: 20.971 ng/uL

RT: 14.810 min Scan# 1976

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

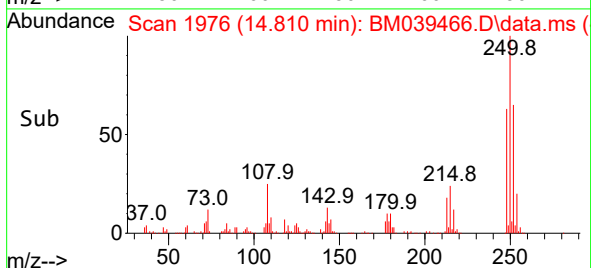
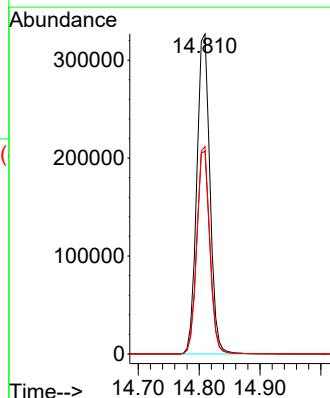
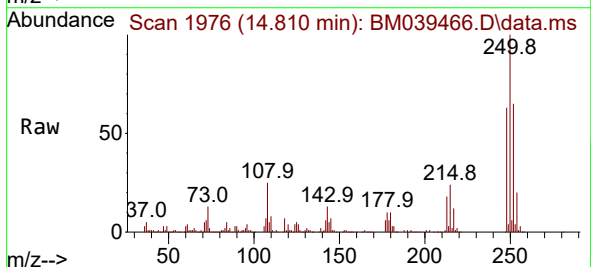
Tgt Ion:250 Resp: 489170

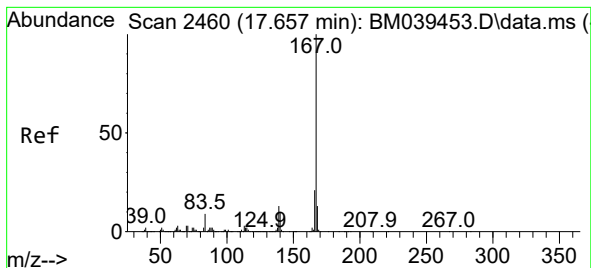
Ion Ratio Lower Upper

250 100

248 63.4 50.4 75.6

252 64.8 50.2 75.2





#77

Carbazole

Concen: 21.297 ng/ul

RT: 17.656 min Scan# 2460

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Instrument :

BNA_M

ClientSampleId :

SSTD020110

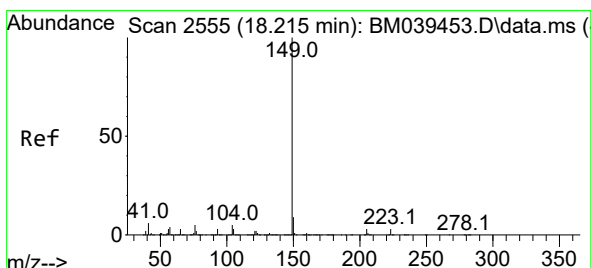
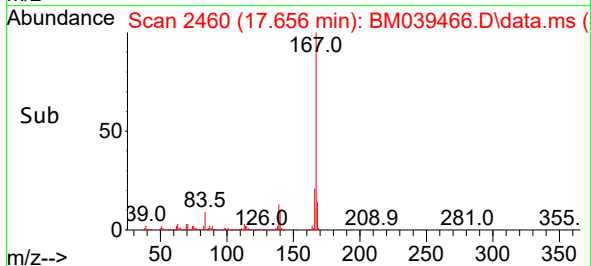
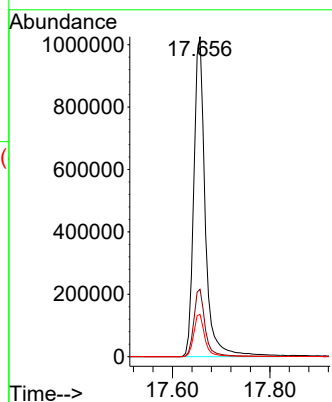
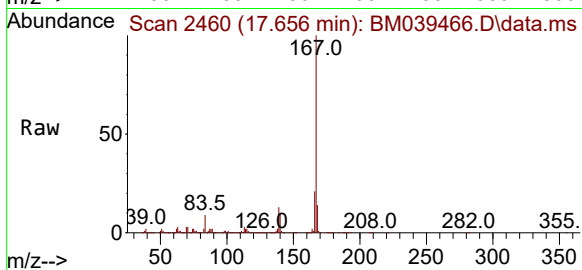
Tgt Ion:167 Resp: 1677148

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

139 13.2 10.6 15.8



#78

Di-n-butylphthalate

Concen: 20.984 ng/ul

RT: 18.209 min Scan# 2554

Delta R.T. -0.006 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

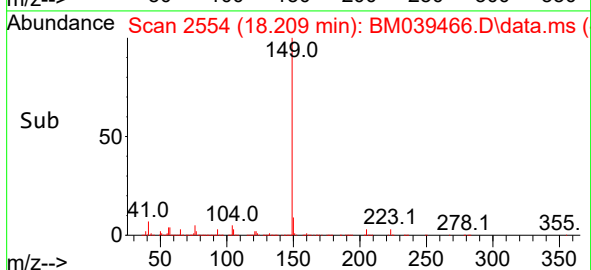
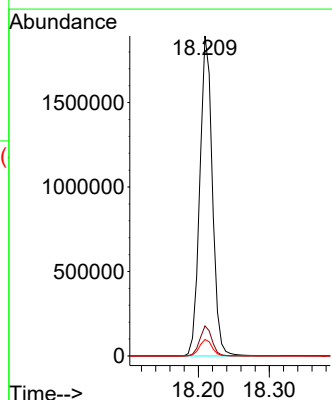
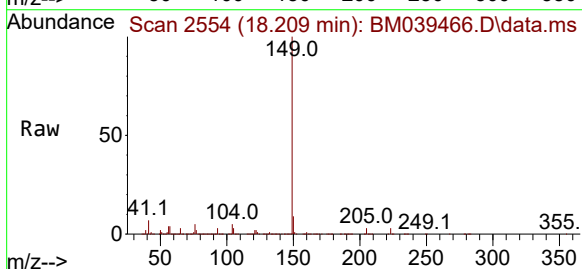
Tgt Ion:149 Resp: 2337379

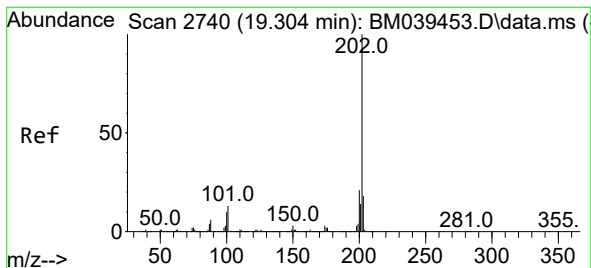
Ion Ratio Lower Upper

149 100

150 9.4 7.0 10.6

104 5.2 4.1 6.1





#80

Fluoranthene

Concen: 20.234 ng/ul

RT: 19.303 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Instrument :

BNA_M

ClientSampleId :

SSTD020110

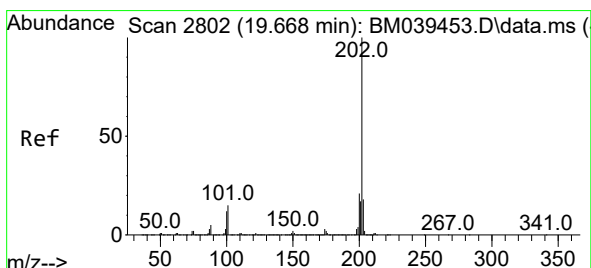
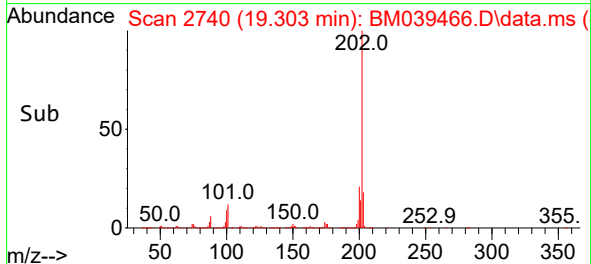
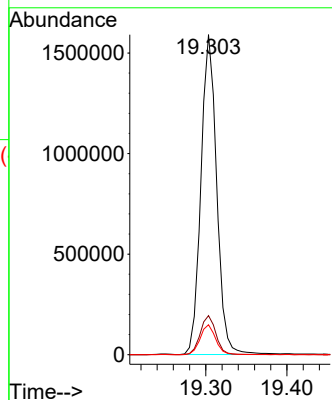
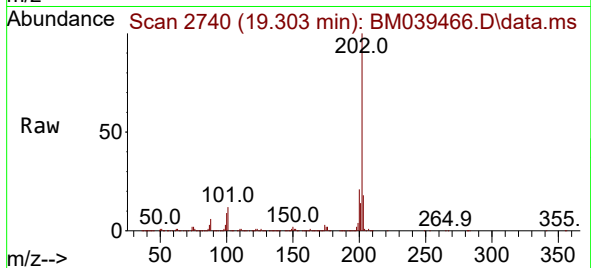
Tgt Ion:202 Resp: 2148072

Ion Ratio Lower Upper

202 100

101 12.2 10.4 15.6

100 9.3 7.7 11.5



#82

Pyrene

Concen: 20.344 ng/ul

RT: 19.668 min Scan# 2802

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

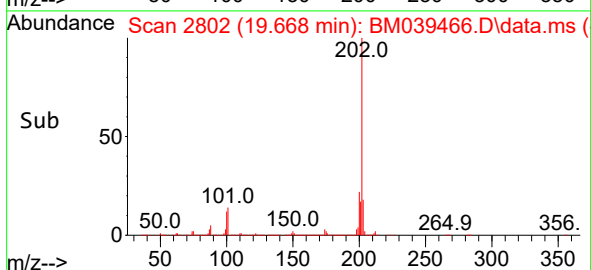
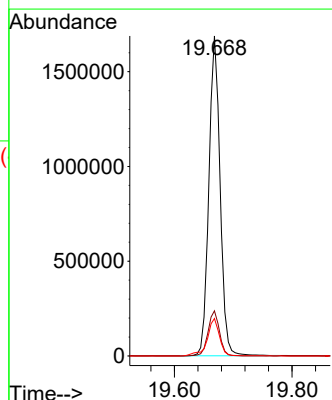
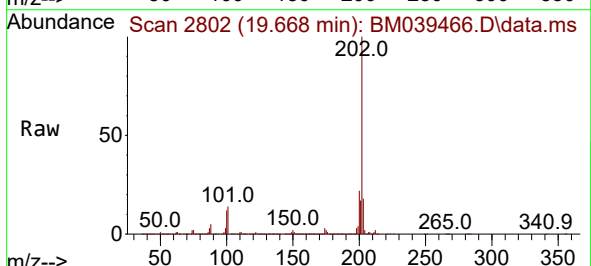
Tgt Ion:202 Resp: 2235827

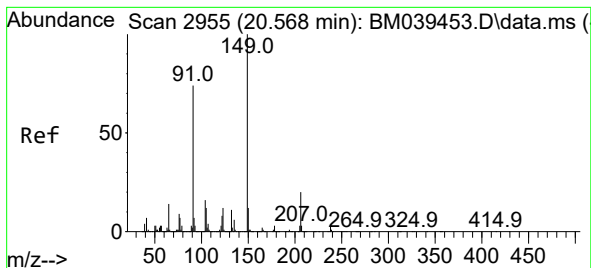
Ion Ratio Lower Upper

202 100

101 14.1 12.1 18.1

100 11.7 9.6 14.4





#83

Butylbenzylphthalate

Concen: 20.350 ng/ul

RT: 20.568 min Scan# 2955

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Instrument :

BNA_M

ClientSampleId :

SSTD020110

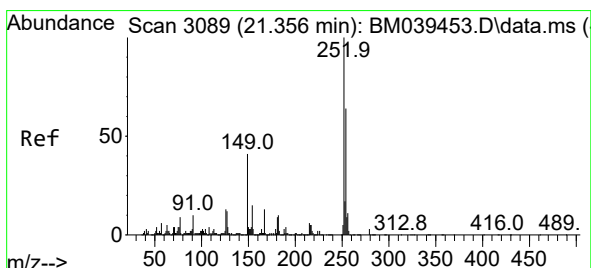
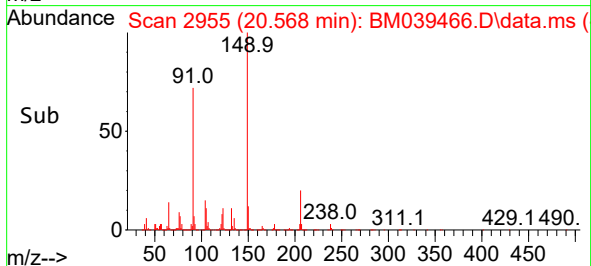
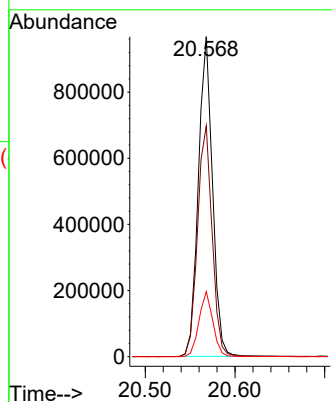
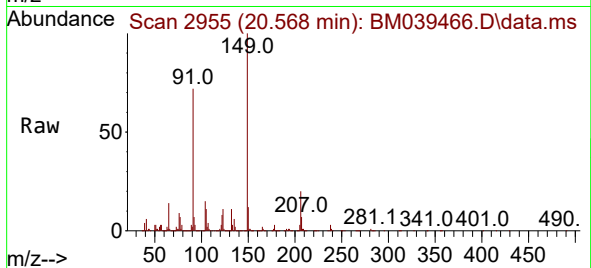
Tgt Ion:149 Resp: 1055725

Ion Ratio Lower Upper

149 100

91 72.1 59.4 89.0

206 20.4 15.8 23.8



#84

3,3'-Dichlorobenzidine

Concen: 20.632 ng/ul

RT: 21.356 min Scan# 3089

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

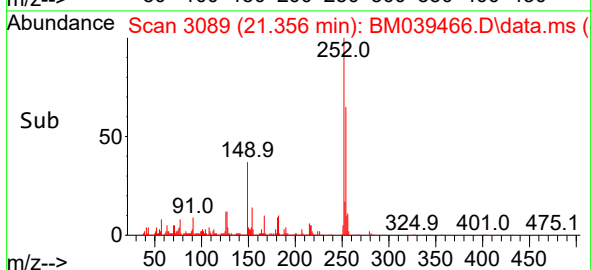
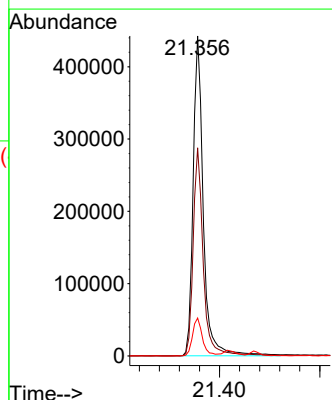
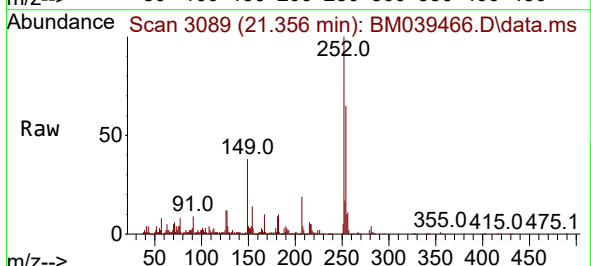
Tgt Ion:252 Resp: 623622

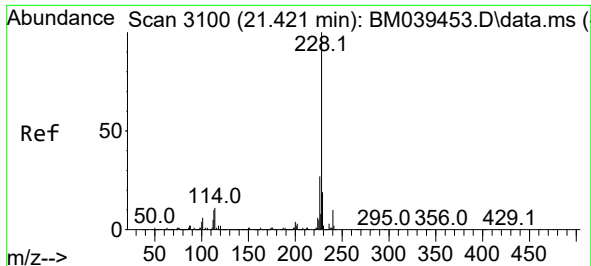
Ion Ratio Lower Upper

252 100

254 65.1 50.9 76.3

126 11.9 10.4 15.6

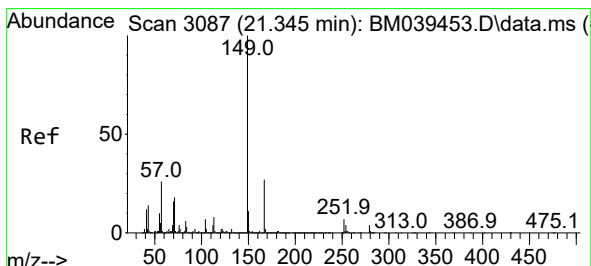
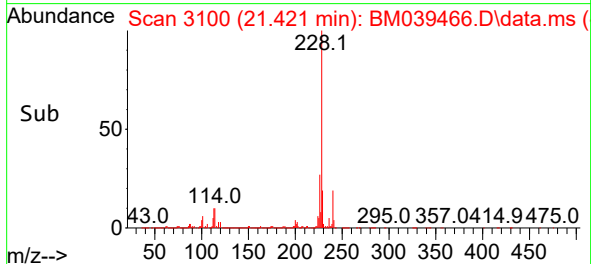
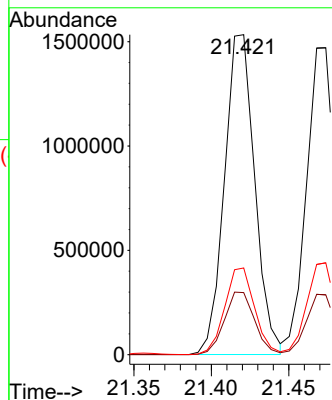
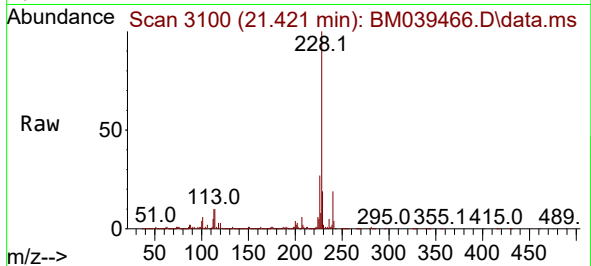




#85
Benzo(a)anthracene
Concen: 21.184 ng/ul
RT: 21.421 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

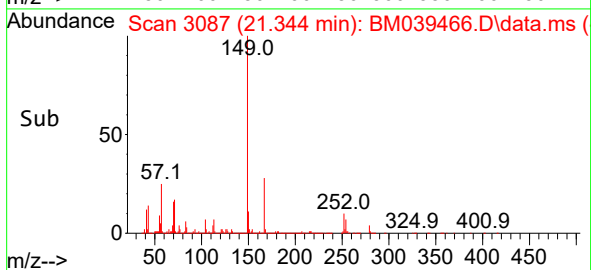
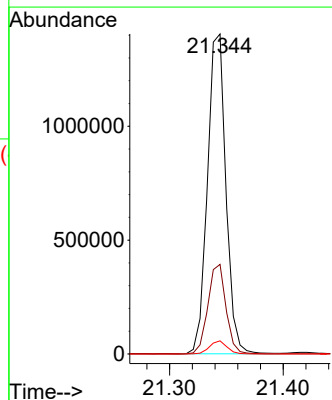
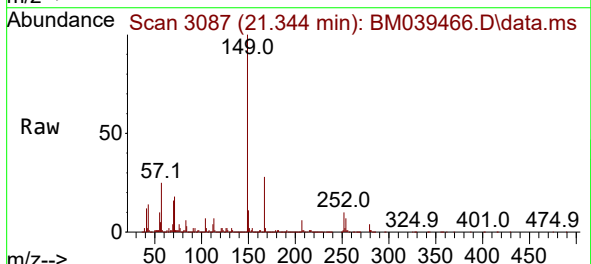
Instrument :
BNA_M
ClientSampleId :
SSTD020110

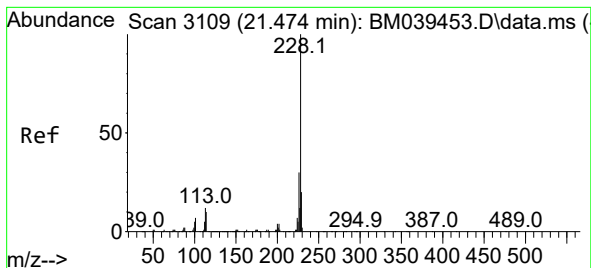
Tgt Ion:228 Resp: 2088497
Ion Ratio Lower Upper
228 100
229 19.4 15.4 23.2
226 27.1 21.6 32.4



#86
Bis(2-ethylhexyl)phthalate
Concen: 20.540 ng/ul
RT: 21.344 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BM039466.D
Acq: 18 Apr 2023 20:52

Tgt Ion:149 Resp: 1584595
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.6
279 4.1 3.1 4.7





#87

Chrysene

Concen: 21.180 ng/ul

RT: 21.474 min Scan# 3109

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Instrument :

BNA_M

ClientSampleId :

SSTD020110

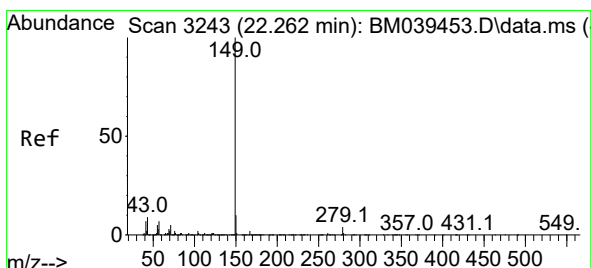
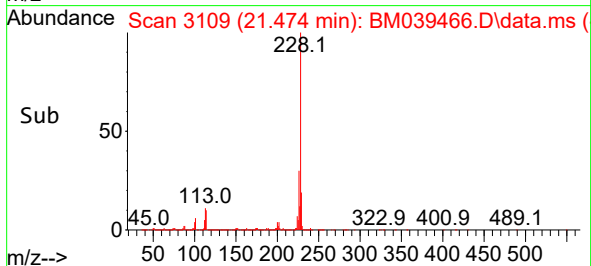
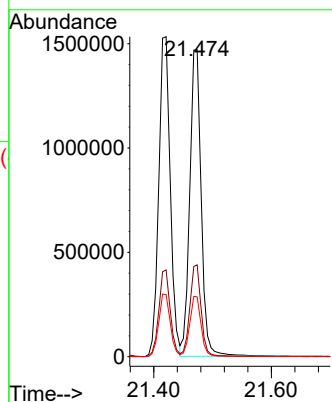
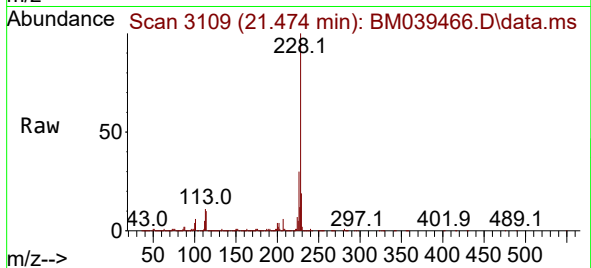
Tgt Ion:228 Resp: 1991797

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.5 15.8 23.6



#89

Di-n-octyl phthalate

Concen: 20.287 ng/ul

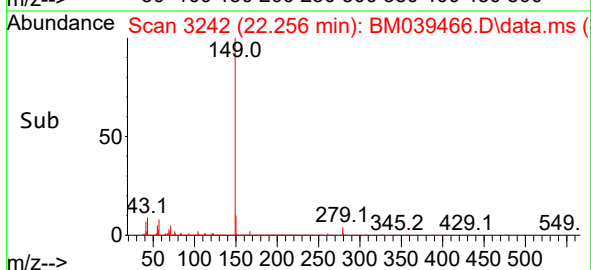
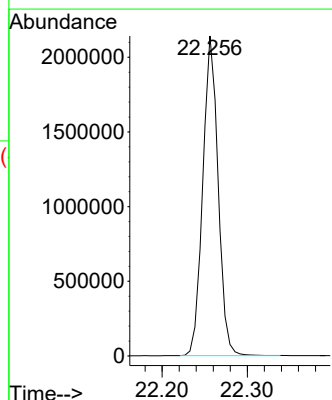
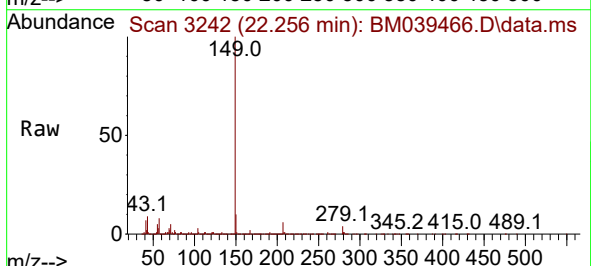
RT: 22.256 min Scan# 3242

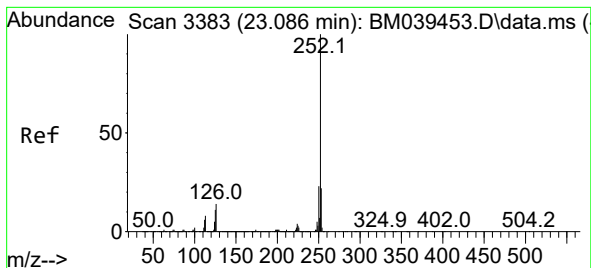
Delta R.T. -0.006 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Tgt Ion:149 Resp: 2667782





#90

Benzo(b)fluoranthene

Concen: 20.321 ng/ul

RT: 23.080 min Scan# 3383

Delta R.T. -0.006 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Instrument :

BNA_M

ClientSampleId :

SSTD020110

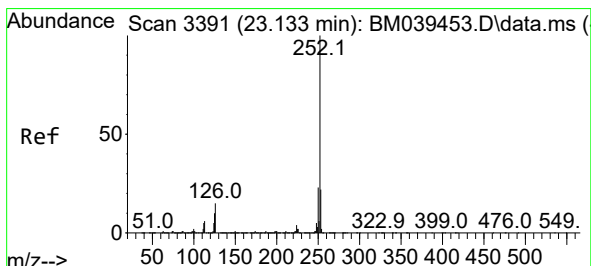
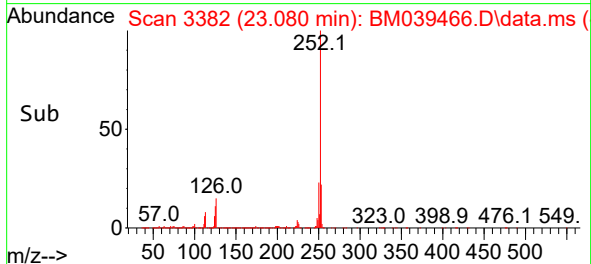
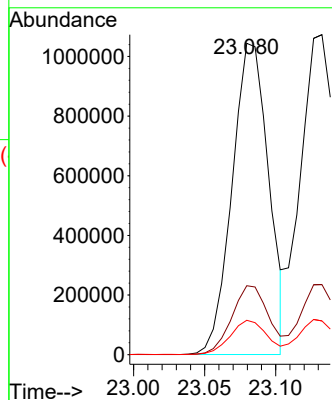
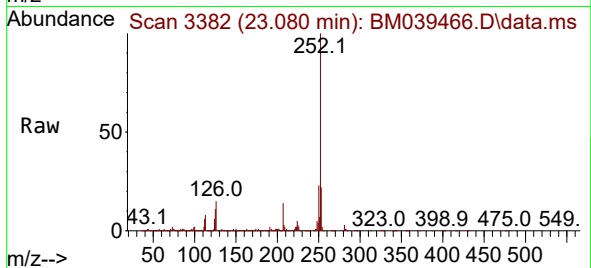
Tgt Ion:252 Resp: 1871368

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 11.0 8.7 13.1



#91

Benzo(k)fluoranthene

Concen: 21.612 ng/ul

RT: 23.133 min Scan# 3391

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

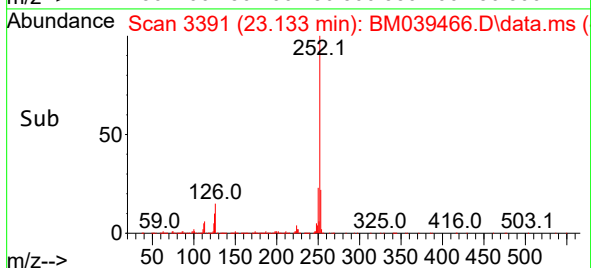
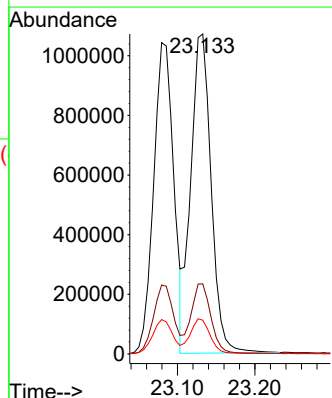
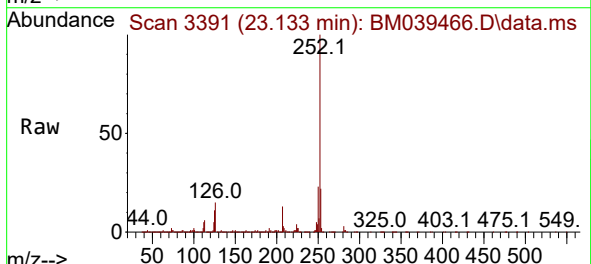
Tgt Ion:252 Resp: 1954563

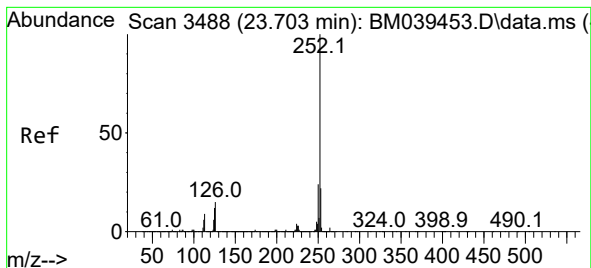
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.5 8.6 12.8





#93

Benzo(a)pyrene

Concen: 20.960 ng/ul

RT: 23.703 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Instrument :

BNA_M

ClientSampleId :

SSTD020110

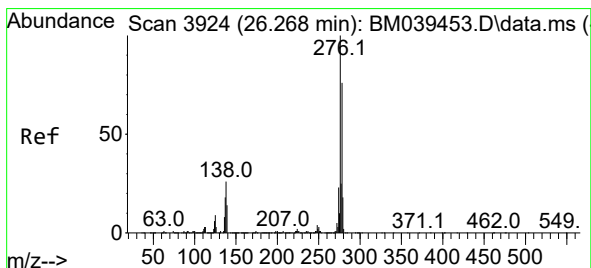
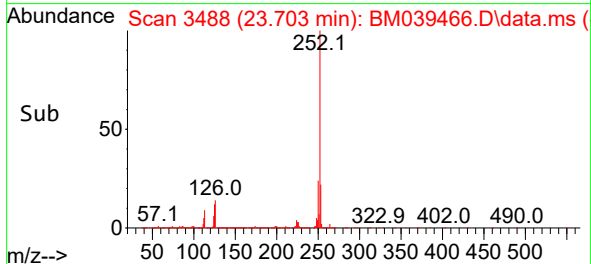
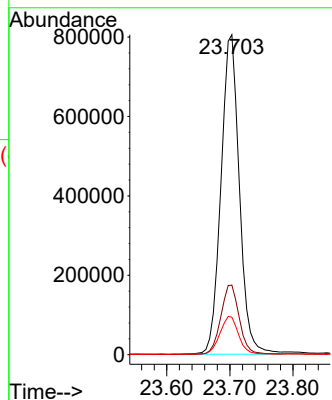
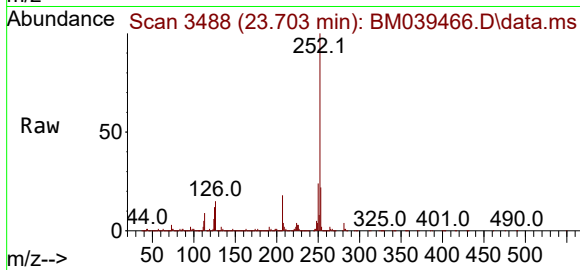
Tgt Ion:252 Resp: 1626975

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 11.7 9.4 14.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.895 ng/ul

RT: 26.262 min Scan# 3923

Delta R.T. -0.006 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

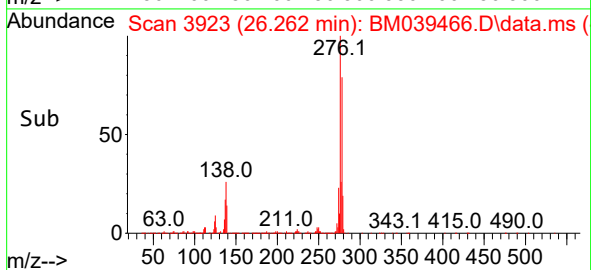
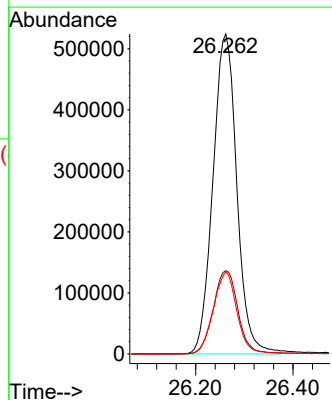
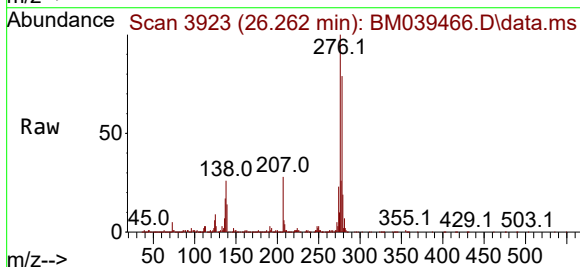
Tgt Ion:276 Resp: 1784063

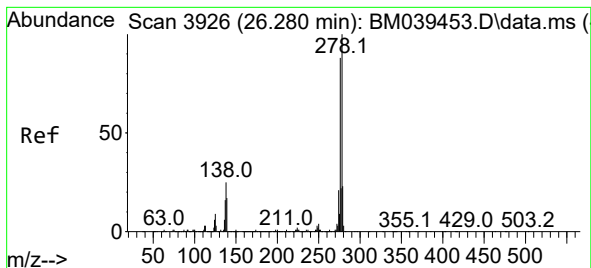
Ion Ratio Lower Upper

276 100

138 26.1 21.2 31.8

277 25.7 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 21.242 ng/ul

RT: 26.273 min Scan# 3926

Delta R.T. -0.006 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Instrument :

BNA_M

ClientSampleId :

SSTD020110

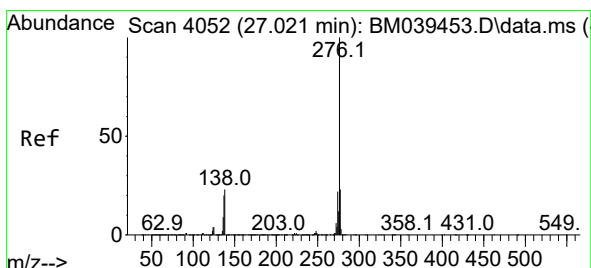
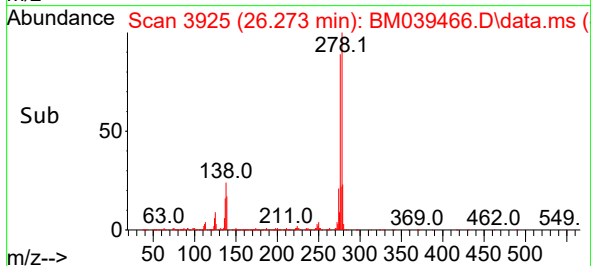
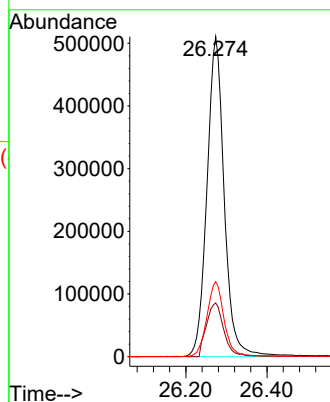
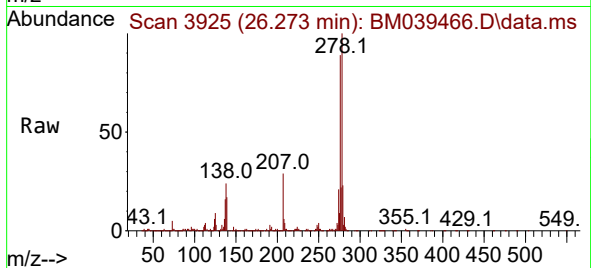
Tgt Ion:278 Resp: 1503725

Ion Ratio Lower Upper

278 100

139 16.8 13.5 20.3

279 23.5 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 20.485 ng/ul

RT: 27.015 min Scan# 4051

Delta R.T. -0.006 min

Lab File: BM039466.D

Acq: 18 Apr 2023 20:52

Tgt Ion:276 Resp: 1393328

Ion Ratio Lower Upper

276 100

138 25.0 18.7 28.1

277 24.0 18.7 28.1

