

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039451.D
 Acq On : 18 Apr 2023 10:44
 Operator : CG/JU
 Sample : SST00545
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST005006

Quant Time: Apr 18 23:16:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 18 18:09:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	217393	20.000	ng/u1	0.00
20) Naphthalene-d8	10.645	136	993151	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	668670	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	1433220	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	1263509	20.000	ng/u1	0.00
88) Perylene-d12	23.809	264	1214577	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	10326	1.800	ng/uL	0.00
4) Pyridine-d5	3.657	84	62331	3.917	ng/u1	0.01
7) Phenol-d5	7.028	99	77506	3.895	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	55878	4.249	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	71198	4.562	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	61597	3.843	ng/u1	0.00
21) Nitrobenzene-d5	9.004	128	33574	4.202	ng/u1	0.00
24) 2-Nitrophenol-d4	9.728	143	36800	4.102	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	63468	4.111	ng/u1	0.01
31) 4-Chloroaniline-d4	10.798	131	92436	4.009	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	252283	4.678	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	277348	4.578	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	14215	1.742	ng/u1	0.02
60) Fluorene-d10	15.486	176	210373	4.761	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	29739	3.122	ng/u1	0.00
73) Anthracene-d10	17.339	188	330340	4.793	ng/u1	0.00
81) Pyrene-d10	19.639	212	378515	4.508	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.650	264	298614	4.554	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.257	88	12546	2.024	ng/uL	97
5) Pyridine	3.675	79	69978	4.170	ng/u1#	94
6) Benzaldehyde	6.981	77	41637	4.898	ng/u1	98
8) Phenol	7.051	94	81219	3.921	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.263	93	76244	4.414	ng/u1	98
12) 2-Chlorophenol	7.404	128	69968	4.455	ng/u1	96
13) 2-Methylphenol	8.304	108	66230	4.116	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.363	45	118876	4.955	ng/u1	98
16) Acetophenone	8.669	105	118364	4.496	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.645	70	67297	4.619	ng/u1	96
18) 4-Methylphenol	8.639	108	71193	4.098	ng/u1	99
19) Hexachloroethane	8.910	117	34193	4.794	ng/u1	96
22) Nitrobenzene	9.051	77	84296	4.273	ng/u1	97
23) Isophorone	9.575	82	192637	4.579	ng/u1	99
25) 2-Nitrophenol	9.763	139	39186	4.186	ng/u1	96
26) 2,4-Dimethylphenol	9.833	107	85387	4.463	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.063	93	110555	4.469	ng/u1	100
29) 2,4-Dichlorophenol	10.310	162	63949	4.205	ng/u1	99
30) Naphthalene	10.692	128	264252	4.809	ng/u1	99
32) 4-Chloroaniline	10.822	127	88462	3.894	ng/u1	99
33) Hexachlorobutadiene	10.969	225	48026	4.793	ng/u1	97
34) Caprolactam	11.610	113	22600	4.025	ng/u1	91
35) 4-Chloro-3-methylphenol	11.969	107	79315	4.467	ng/u1	97
36) 2-Methylnaphthalene	12.310	142	173842	4.719	ng/u1	99

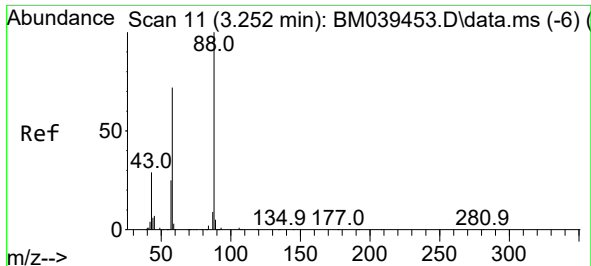
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.527	142	177454	4.794	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.680	216	91513	4.559	ng/ul	100
40) Hexachlorocyclopentadiene	12.651	237	31279	2.616	ng/ul	99
41) 2,4,6-Trichlorophenol	12.933	196	56706	4.229	ng/ul	98
42) 2,4,5-Trichlorophenol	13.021	196	55726	3.999	ng/ul	99
43) 1,1'-Biphenyl	13.321	154	237513	4.596	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	186268	4.595	ng/ul	98
45) 2-Nitroaniline	13.592	65	43038	3.620	ng/ul	92
47) Dimethylphthalate	13.951	163	253570	4.749	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	44823	4.151	ng/ul	94
50) Acenaphthylene	14.210	152	305936	4.721	ng/ul	99
51) 3-Nitroaniline	14.427	138	32355	3.197	ng/ul	100
52) Acenaphthene	14.557	153	213700	4.790	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	9587	1.668	ng/ul	99
55) 4-Nitrophenol	14.768	109	10490	1.692	ng/ul	88
56) Dibenzofuran	14.892	168	293807	4.845	ng/ul	99
57) 2,4-Dinitrotoluene	14.874	165	62990	4.198	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.127	232	56237	4.508	ng/ul	99
59) Diethylphthalate	15.315	149	263240	4.756	ng/ul	100
61) Fluorene	15.539	166	248287	4.949	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.533	204	121095	4.870	ng/ul	98
63) 4-Nitroaniline	15.592	138	22372	2.939	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.639	198	31049	3.391	ng/ul#	84
67) N-Nitrosodiphenylamine	15.757	169	200105	4.686	ng/ul	100
68) 4-Bromophenyl-phenylether	16.433	248	70833	4.576	ng/ul	98
69) Hexachlorobenzene	16.545	284	84052	4.726	ng/ul	99
70) Atrazine	16.709	200	71548	4.515	ng/ul	99
71) Pentachlorophenol	16.904	266	36652	3.526	ng/ul	97
72) Phenanthrene	17.286	178	381801	4.798	ng/ul	99
74) Anthracene	17.374	178	380318	4.764	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.286	216	96156	4.505	ng/uL	99
76) Pentachlorobenzene	14.810	250	98353	4.681	ng/uL	98
77) Carbazole	17.656	167	319652	4.506	ng/ul	100
78) Di-n-butylphthalate	18.215	149	463383	4.619	ng/ul	99
80) Fluoranthene	19.303	202	433924	4.409	ng/ul	99
82) Pyrene	19.668	202	469029	4.604	ng/ul	98
83) Butylbenzylphthalate	20.568	149	205231	4.268	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.362	252	122570	4.375	ng/ul	99
85) Benzo(a)anthracene	21.421	228	427691	4.680	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.344	149	318302	4.451	ng/ul	100
87) Chrysene	21.474	228	411411	4.719	ng/ul	99
89) Di-n-octyl phthalate	22.256	149	538079	4.409	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	388652	4.548	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	386162	4.601	ng/ul	99
93) Benzo(a)pyrene	23.703	252	335270	4.654	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.262	276	363138	4.583	ng/ul	99
95) Dibenzo(a,h)anthracene	26.279	278	298081	4.537	ng/ul	100
96) Benzo(g,h,i)perylene	27.015	276	287858	4.561	ng/ul	98

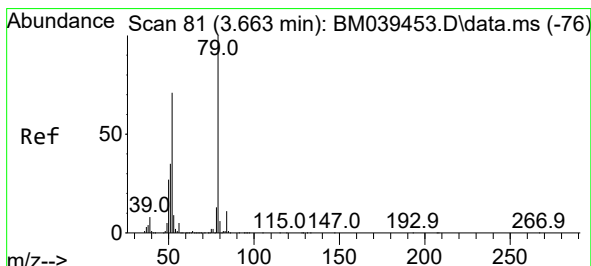
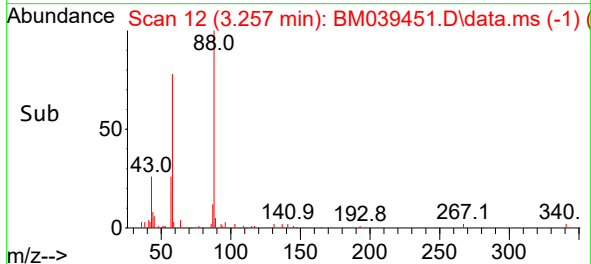
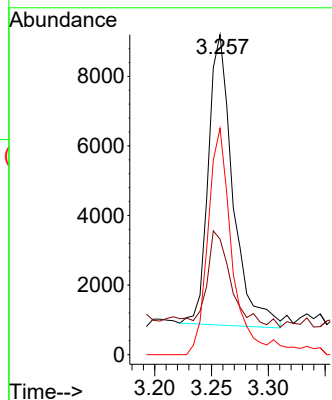
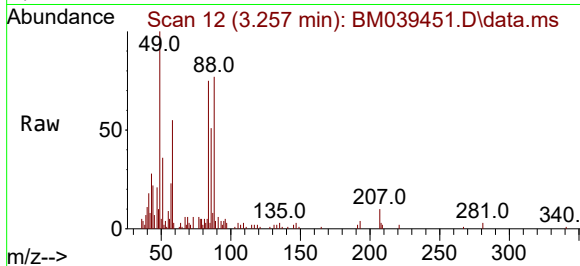
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#2
1,4-Dioxane
Concen: 2.024 ng/uL
RT: 3.257 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM039451.D
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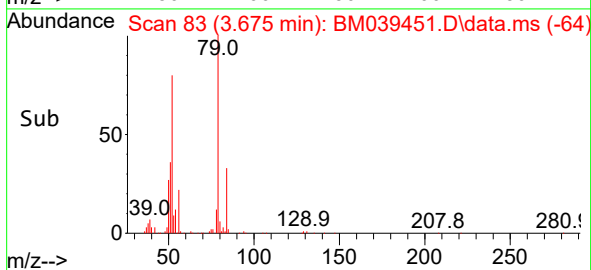
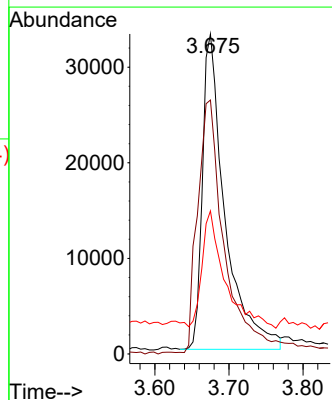
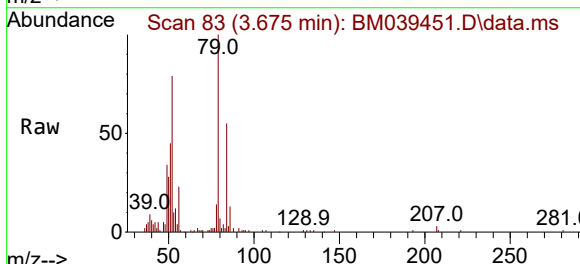
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ClientSampleId :
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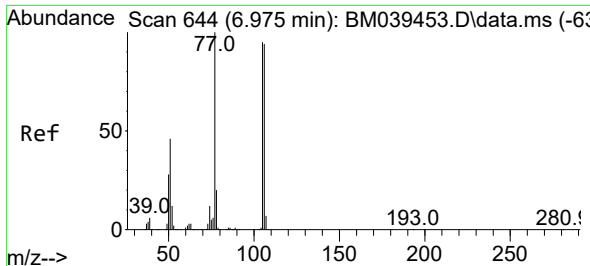
Tgt Ion: 88 Resp: 12546
Ion Ratio Lower Upper
88 100
43 36.1 24.6 36.8
58 70.8 56.7 85.1



#5
Pyridine
Concen: 4.170 ng/uL
RT: 3.675 min Scan# 83
Delta R.T. 0.012 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion: 79 Resp: 69978
Ion Ratio Lower Upper
79 100
52 79.3 61.9 92.9
51 44.7 29.7 44.5#

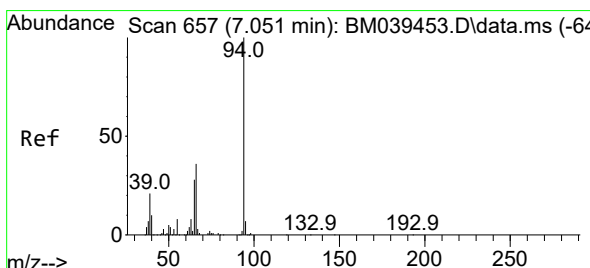
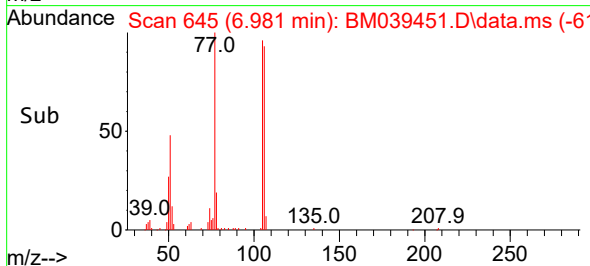
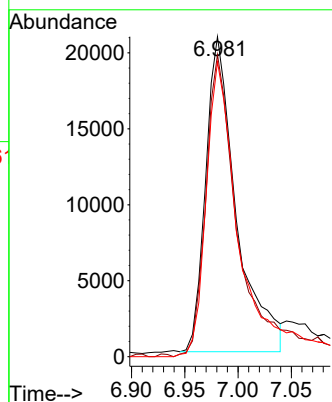
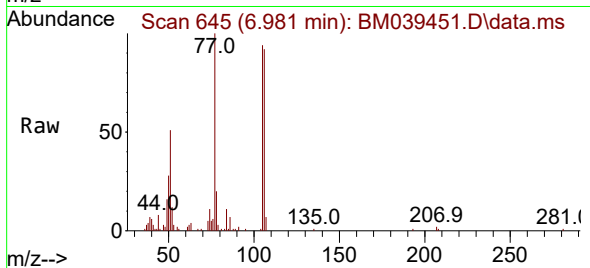




#6
Benzaldehyde
Concen: 4.898 ng/ul
RT: 6.981 min Scan# 644
Delta R.T. 0.006 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

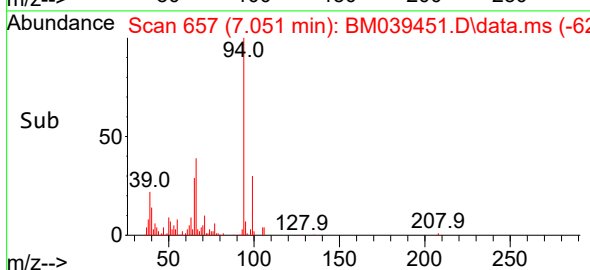
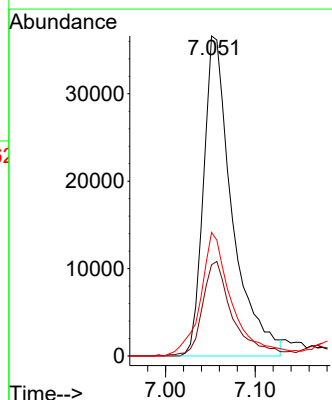
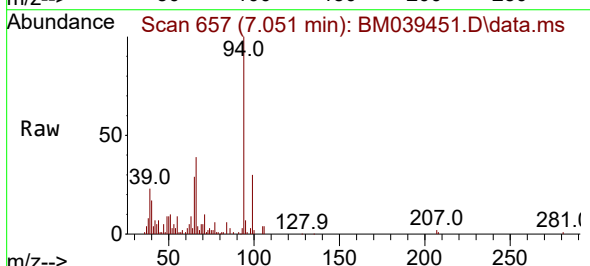
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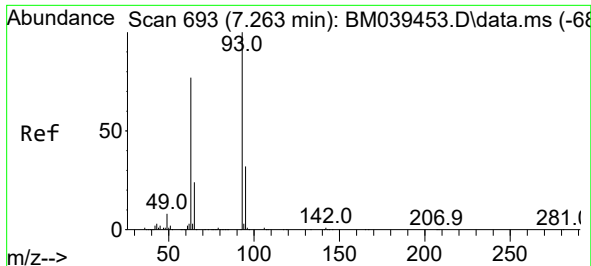
Tgt Ion: 77 Resp: 41637
Ion Ratio Lower Upper
77 100
105 94.4 76.3 114.5
106 92.1 75.4 113.0



#8
Phenol
Concen: 3.921 ng/ul
RT: 7.051 min Scan# 657
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion: 94 Resp: 81219
Ion Ratio Lower Upper
94 100
65 28.5 22.2 33.4
66 38.6 29.6 44.4

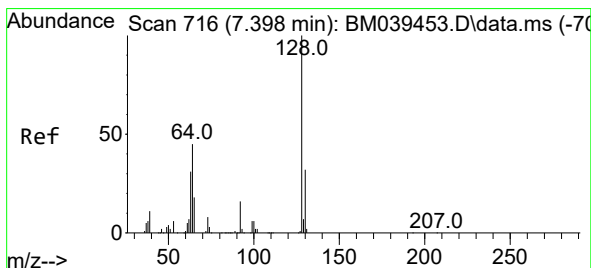
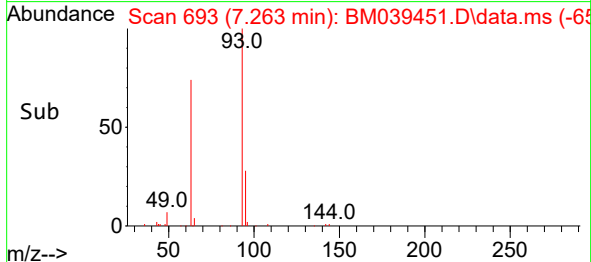
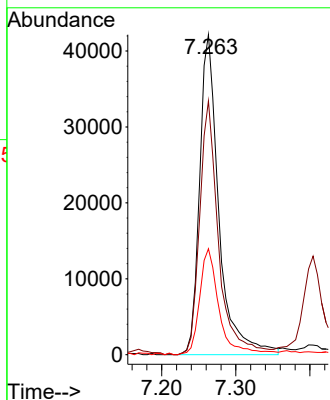
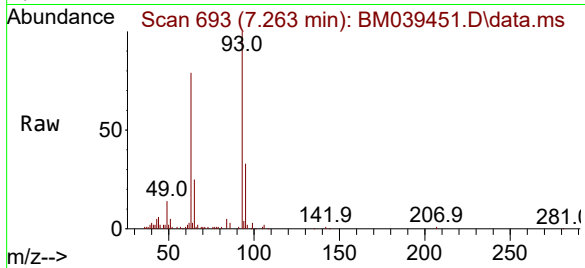




#10
Bis(2-Chloroethyl)ether
Concen: 4.414 ng/ul
RT: 7.263 min Scan# 693
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

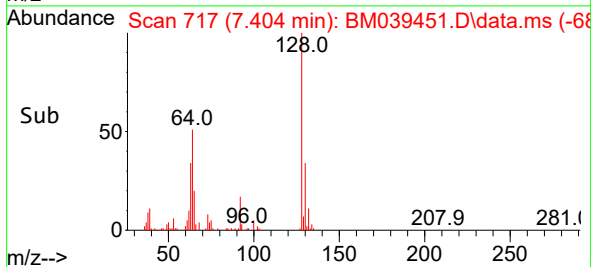
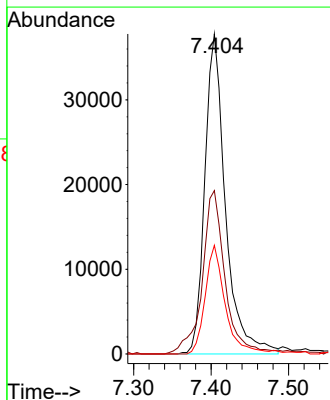
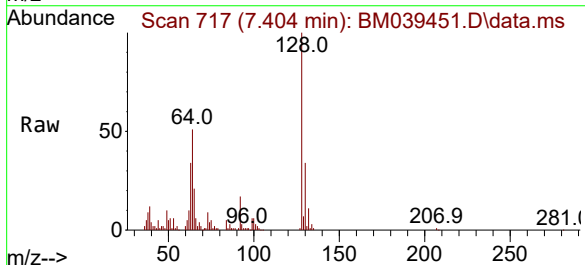
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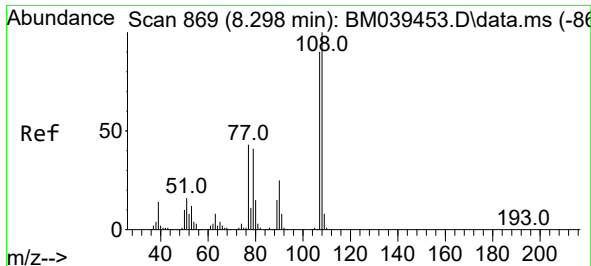
Tgt Ion: 93 Resp: 76244
Ion Ratio Lower Upper
93 100
63 79.3 61.9 92.9
95 33.1 25.8 38.8



#12
2-Chlorophenol
Concen: 4.455 ng/ul
RT: 7.404 min Scan# 717
Delta R.T. 0.006 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion:128 Resp: 69968
Ion Ratio Lower Upper
128 100
64 51.0 38.8 58.2
130 34.0 25.4 38.0





#13

2-Methylphenol

Concen: 4.116 ng/ul

RT: 8.304 min Scan# 81

Delta R.T. 0.006 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Instrument :

BNA_M

ClientSampleId :

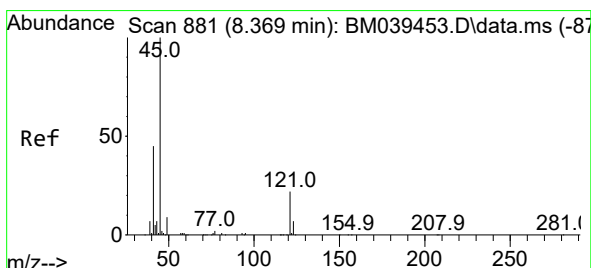
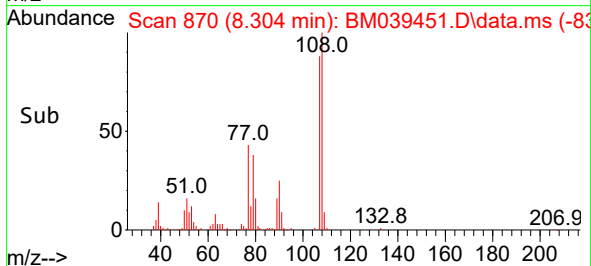
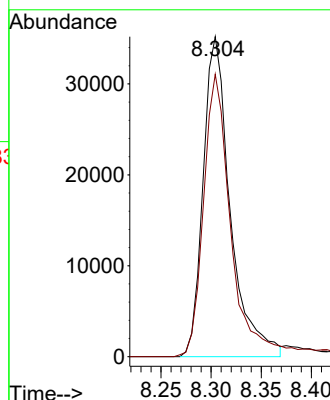
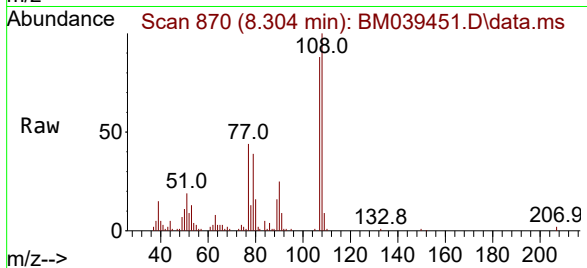
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Tgt Ion:108 Resp: 66230

Ion Ratio Lower Upper

108 100

107 88.3 71.7 107.5



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.955 ng/ul

RT: 8.363 min Scan# 880

Delta R.T. -0.006 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

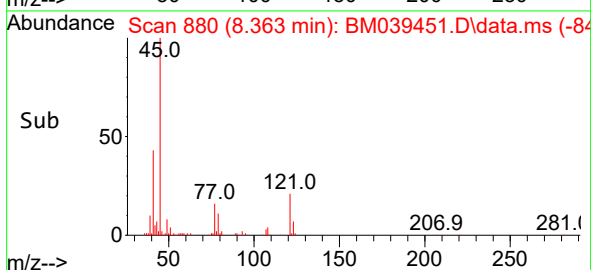
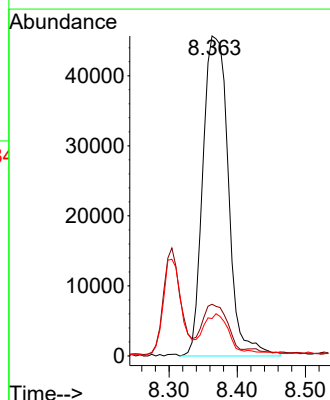
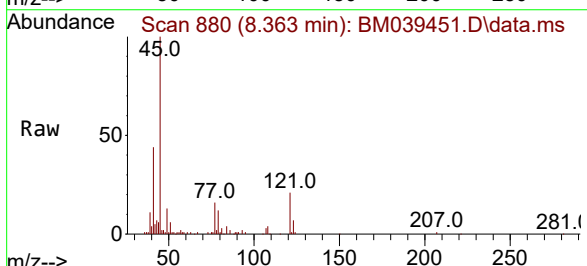
Tgt Ion: 45 Resp: 118876

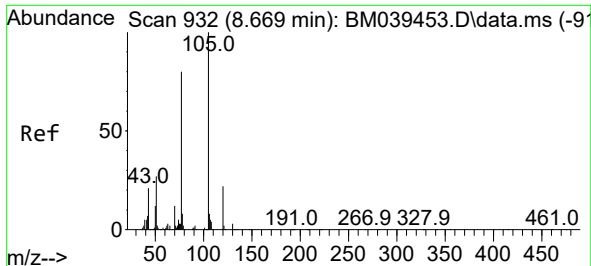
Ion Ratio Lower Upper

45 100

77 16.1 12.3 18.5

79 11.7 9.8 14.6

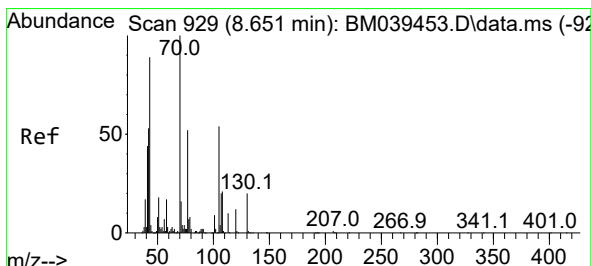
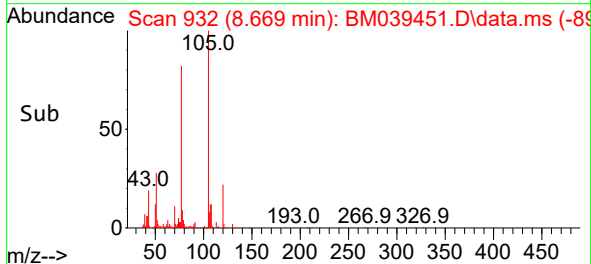
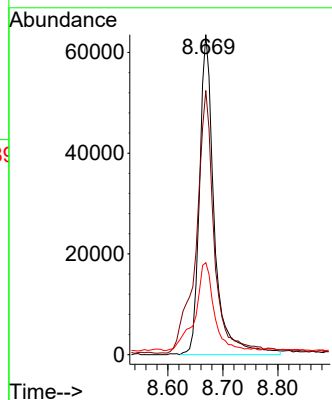
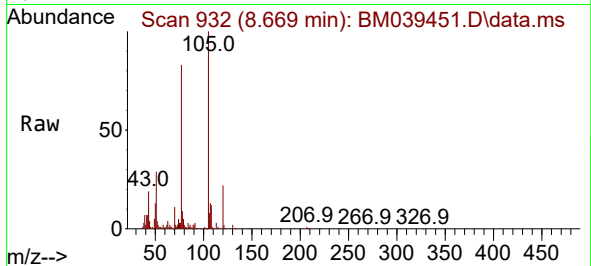




#16
Acetophenone
Concen: 4.496 ng/ul
RT: 8.669 min Scan# 911
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

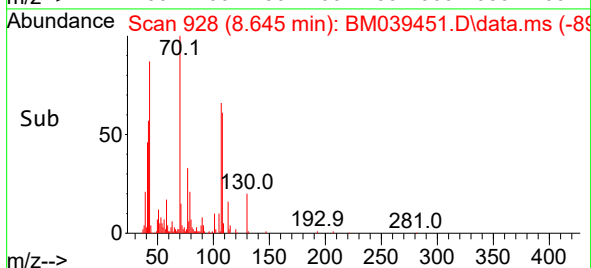
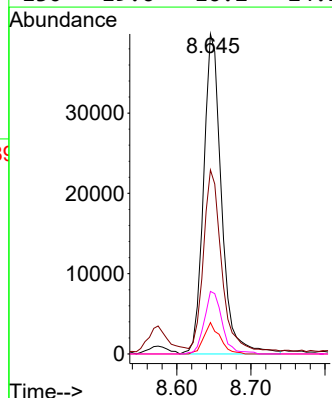
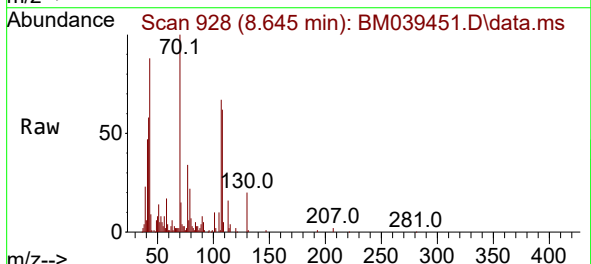
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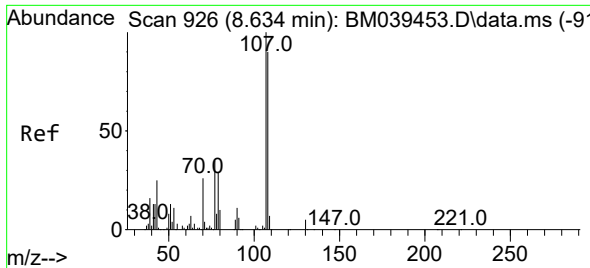
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Ion Ratio Lower Upper
105 100
77 82.6 64.1 96.1
51 28.7 22.2 33.4



#17
N-Nitroso-di-n-propylamine
Concen: 4.619 ng/ul
RT: 8.645 min Scan# 928
Delta R.T. -0.006 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion: 70 Resp: 67297
Ion Ratio Lower Upper
70 100
42 57.5 43.0 64.4
101 9.8 7.4 11.2
130 19.6 16.2 24.2

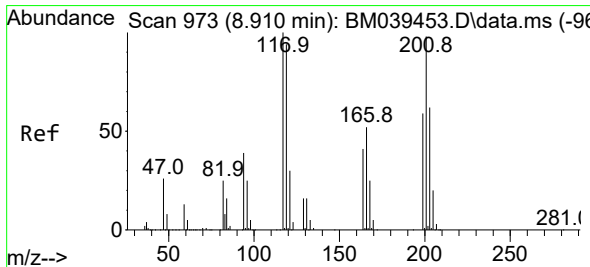
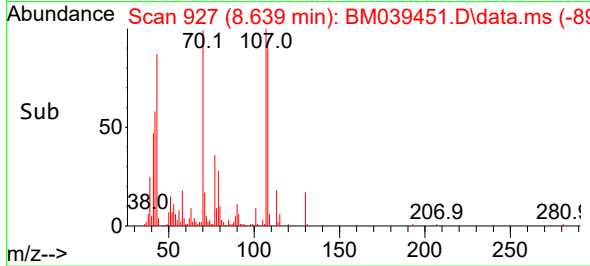
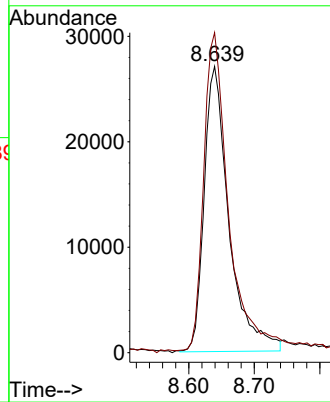
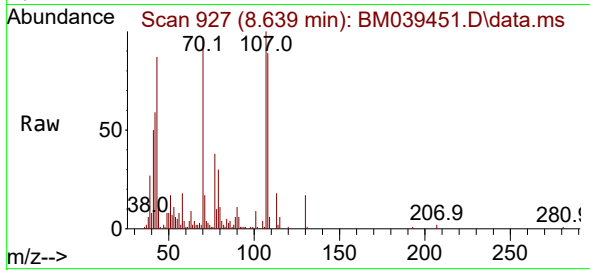




#18
4-Methylphenol
Concen: 4.098 ng/ul
RT: 8.639 min Scan# 911
Delta R.T. 0.006 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

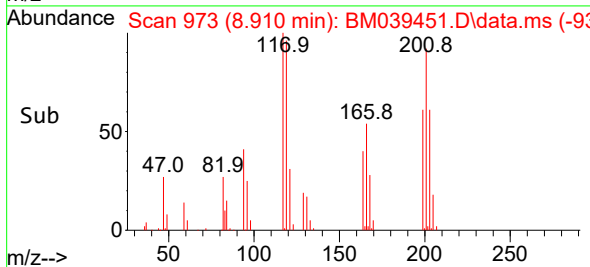
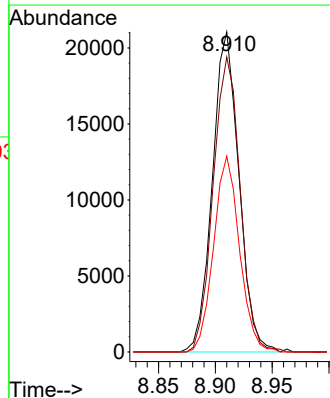
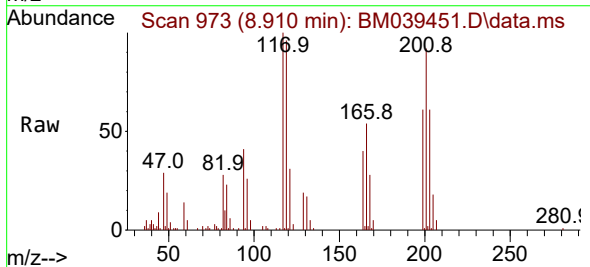
Instrument :
BNA_M
ClientSampleId :
SSTD005006

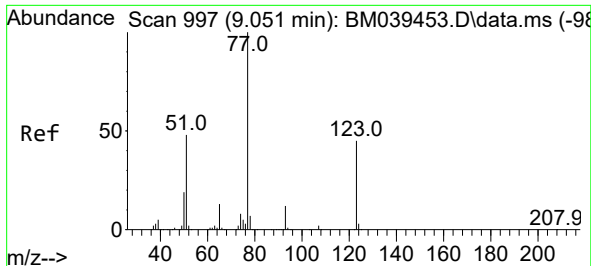
Tgt Ion:108 Resp: 71193
Ion Ratio Lower Upper
108 100
107 111.8 88.6 133.0



#19
Hexachloroethane
Concen: 4.794 ng/ul
RT: 8.910 min Scan# 973
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion:117 Resp: 34193
Ion Ratio Lower Upper
117 100
201 94.1 78.3 117.5
199 62.6 47.4 71.0

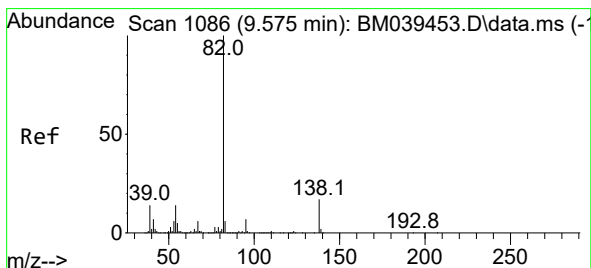
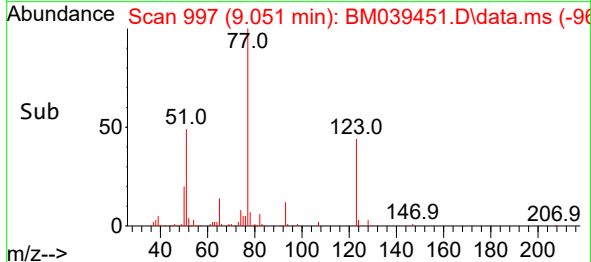
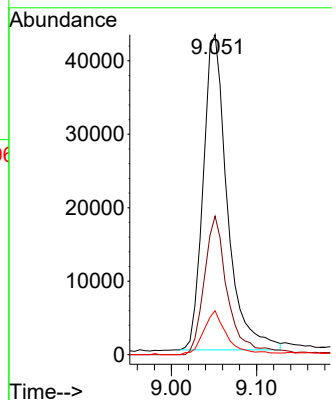
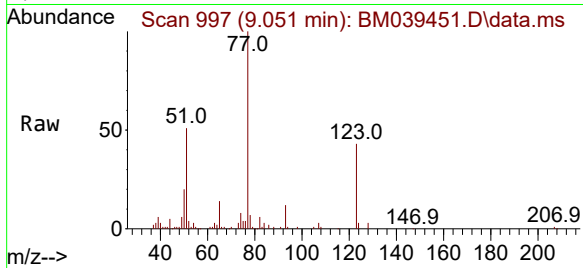




#22
Nitrobenzene
Concen: 4.273 ng/ul
RT: 9.051 min Scan# 997
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

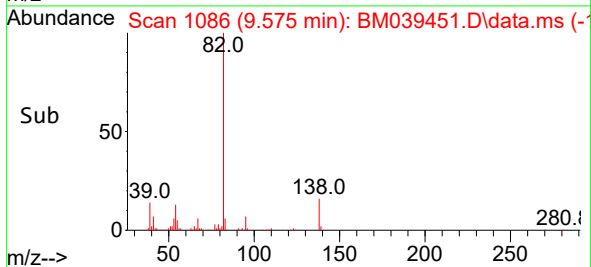
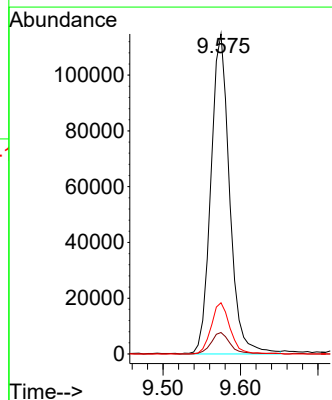
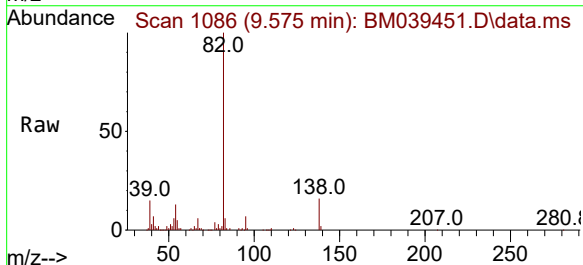
Instrument :
BNA_M
ClientSampleId :
SSTD005006

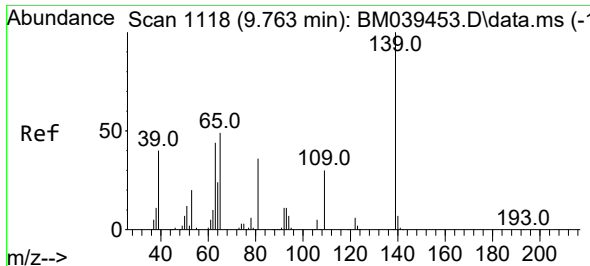
Tgt Ion: 77 Resp: 84296
Ion Ratio Lower Upper
77 100
123 43.3 36.1 54.1
65 13.7 10.2 15.2



#23
Isophorone
Concen: 4.579 ng/ul
RT: 9.575 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion: 82 Resp: 192637
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 16.0 13.2 19.8

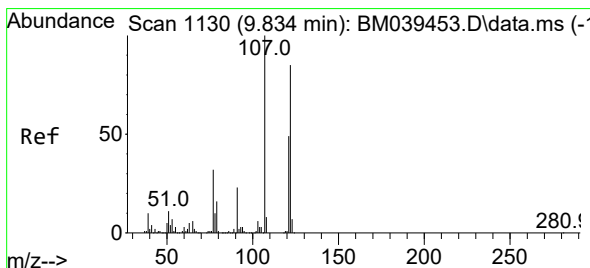
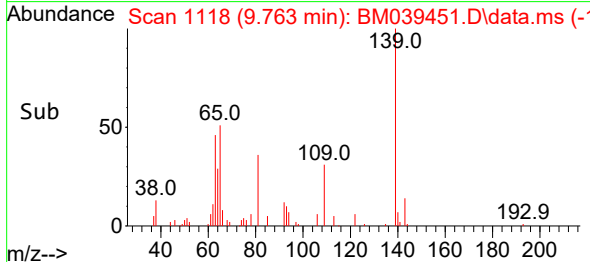
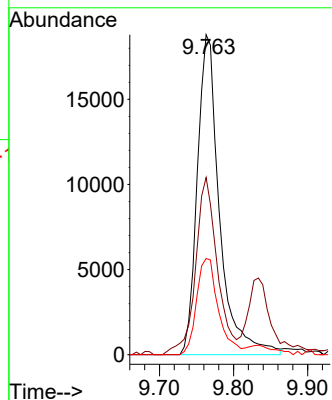
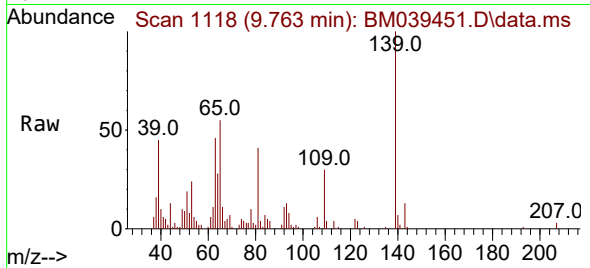




#25
2-Nitrophenol
Concen: 4.186 ng/ul
RT: 9.763 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

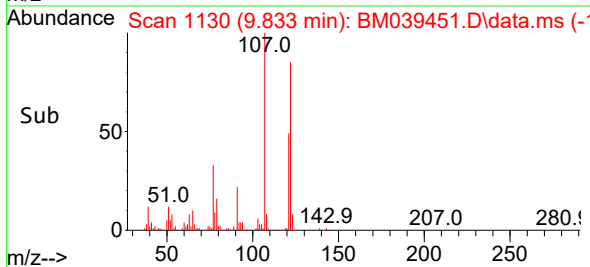
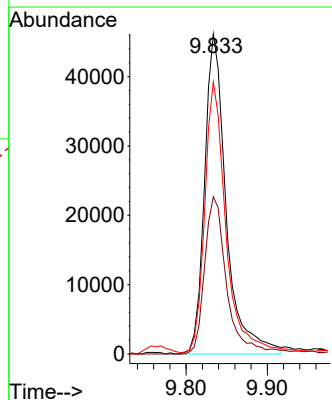
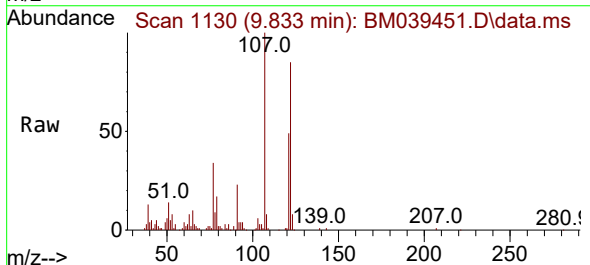
Instrument :
BNA_M
ClientSampleId :
SSTD005006

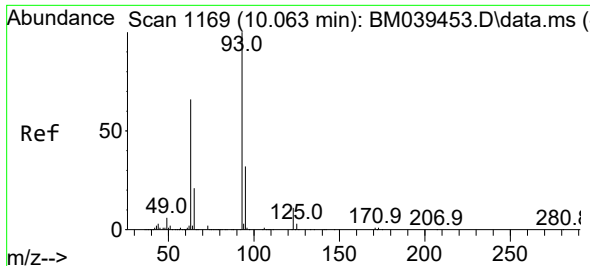
Tgt Ion:139 Resp: 39186
Ion Ratio Lower Upper
139 100
65 55.4 40.7 61.1
109 30.1 23.9 35.9



#26
2,4-Dimethylphenol
Concen: 4.463 ng/ul
RT: 9.833 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion:107 Resp: 85387
Ion Ratio Lower Upper
107 100
121 49.1 39.1 58.7
122 85.0 68.1 102.1





#27

Bis(2-Chloroethoxy)methane

Concen: 4.469 ng/ul

RT: 10.063 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Instrument :

BNA_M

ClientSampleId :

SSTD005006

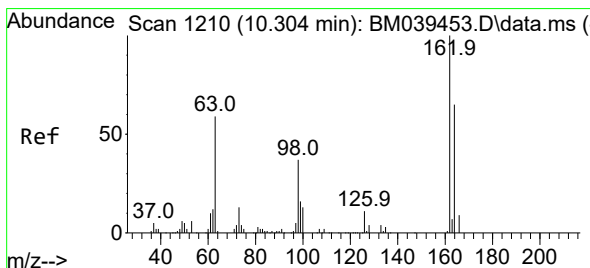
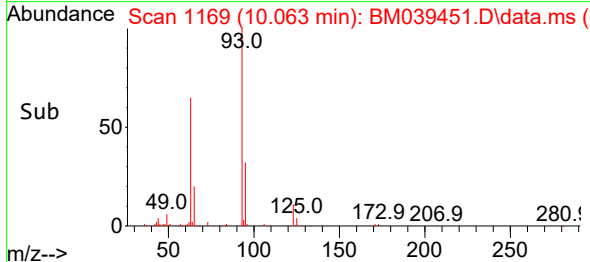
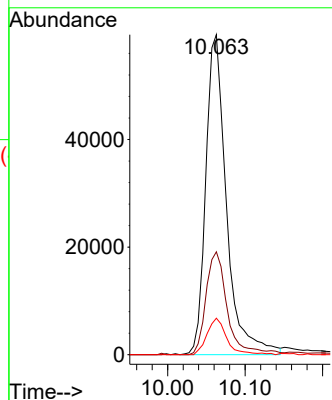
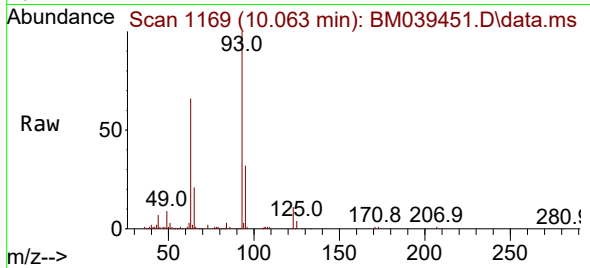
Tgt Ion: 93 Resp: 110555

Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.6

123 11.4 8.8 13.2



#29

2,4-Dichlorophenol

Concen: 4.205 ng/ul

RT: 10.310 min Scan# 1211

Delta R.T. 0.006 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

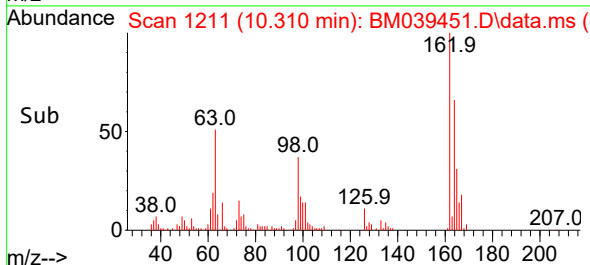
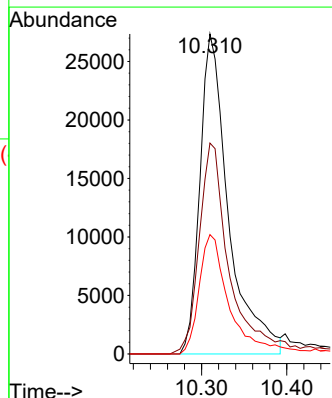
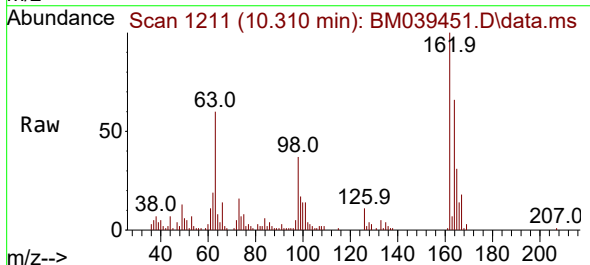
Tgt Ion:162 Resp: 63949

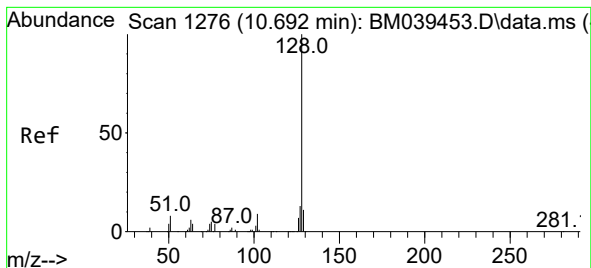
Ion Ratio Lower Upper

162 100

164 65.9 52.4 78.6

98 37.3 29.4 44.0

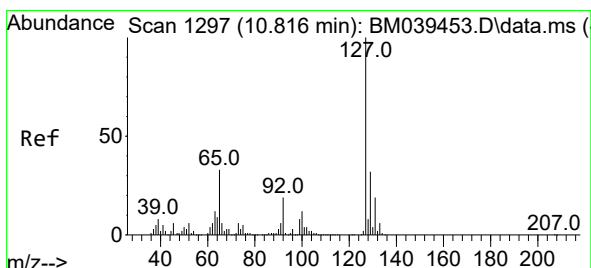
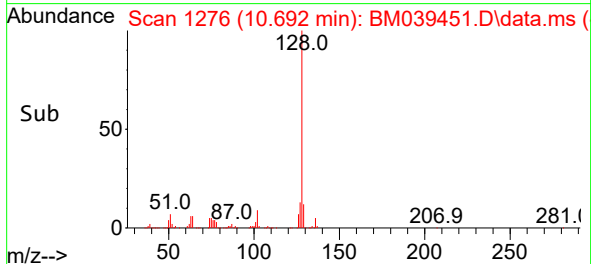
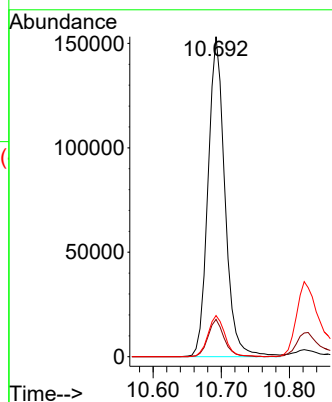
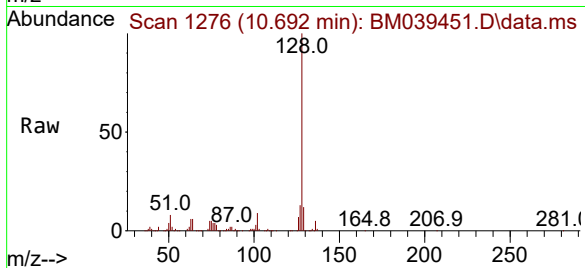




#30
Naphthalene
Concen: 4.809 ng/ul
RT: 10.692 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

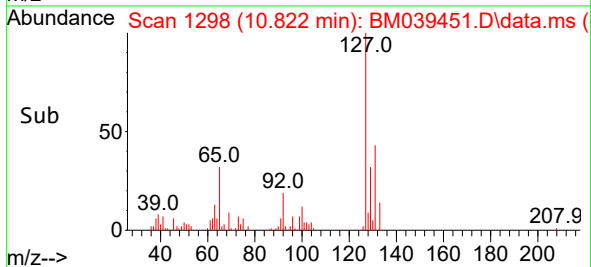
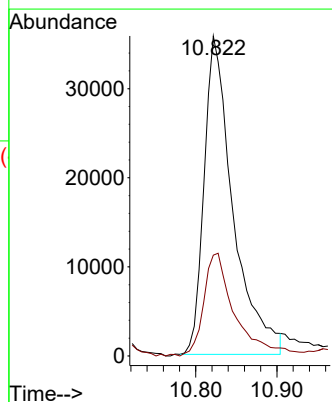
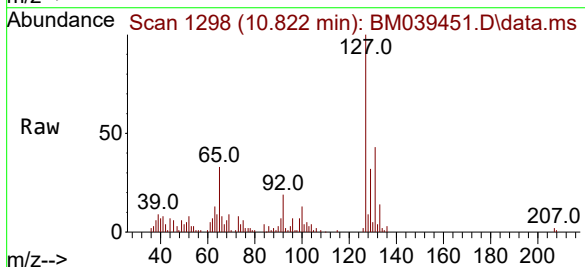
Instrument :
BNA_M
ClientSampleId :
SSTD005006

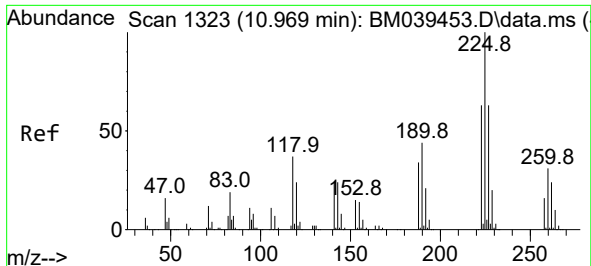
Tgt Ion:128 Resp: 264252
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 12.9 10.5 15.7



#32
4-Chloroaniline
Concen: 3.894 ng/ul
RT: 10.822 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion:127 Resp: 88462
Ion Ratio Lower Upper
127 100
129 31.5 25.8 38.8

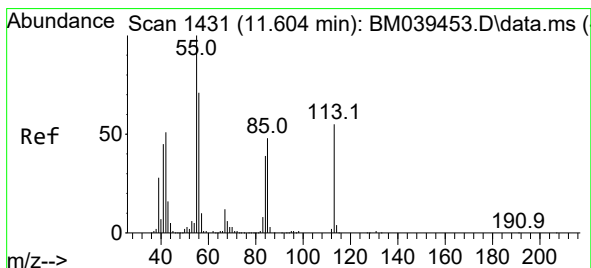
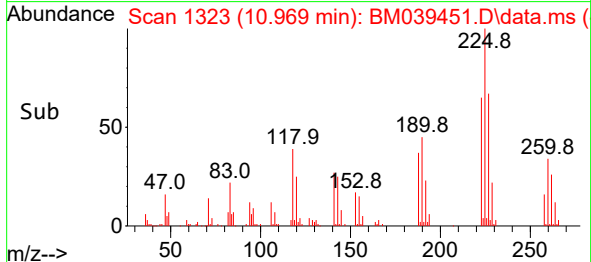
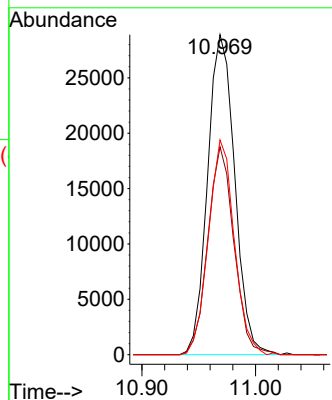
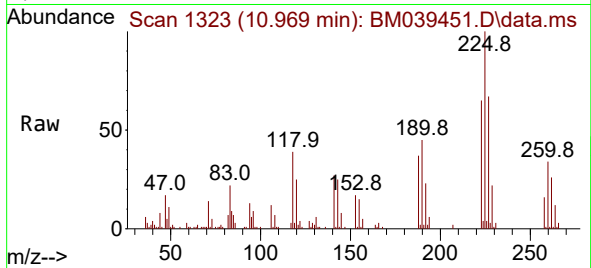




#33
Hexachlorobutadiene
Concen: 4.793 ng/ul
RT: 10.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

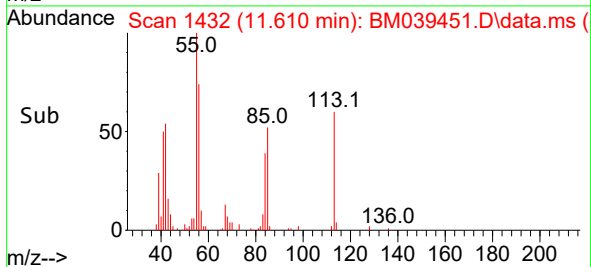
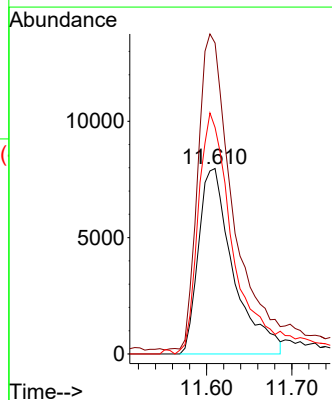
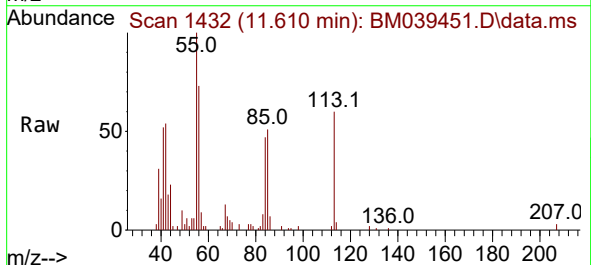
Instrument :
BNA_M
ClientSampleId :
SSTD005006

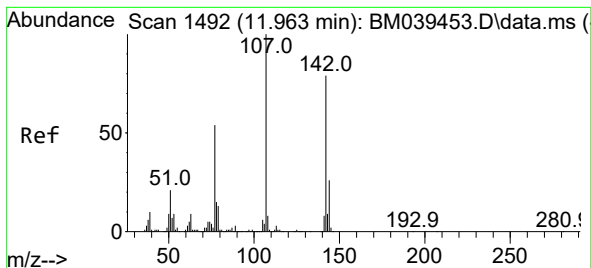
Tgt Ion:225 Resp: 48026
Ion Ratio Lower Upper
225 100
223 62.4 50.1 75.1
227 67.2 50.4 75.6



#34
Caprolactam
Concen: 4.025 ng/ul
RT: 11.610 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion:113 Resp: 22600
Ion Ratio Lower Upper
113 100
55 167.7 145.5 218.3
56 122.1 103.9 155.9

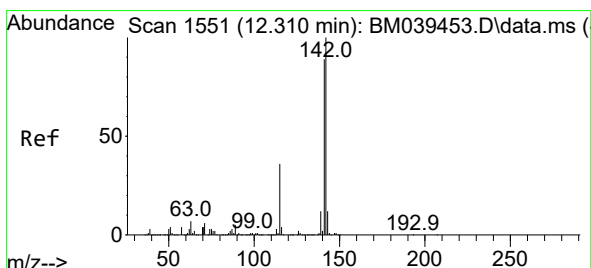
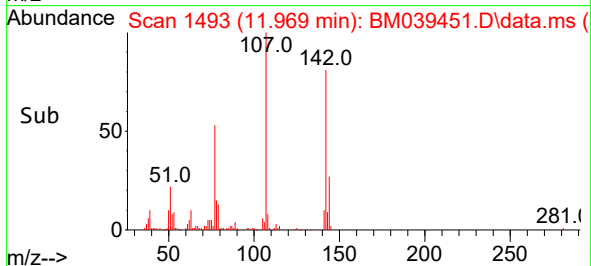
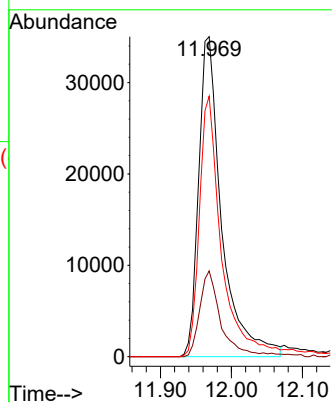
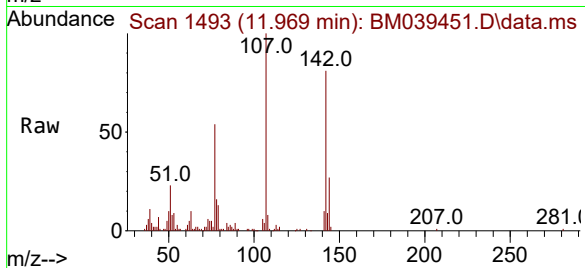




#35
4-Chloro-3-methylphenol
Concen: 4.467 ng/ul
RT: 11.969 min Scan# 1493
Delta R.T. 0.006 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

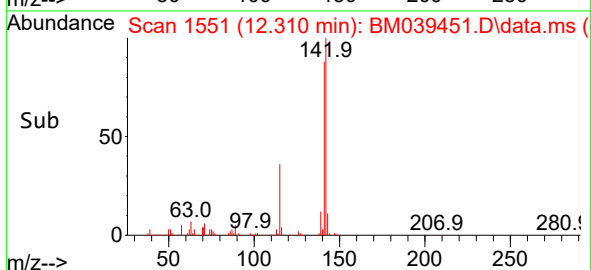
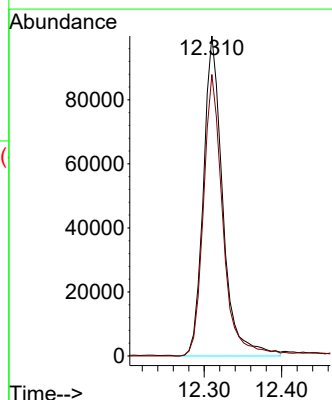
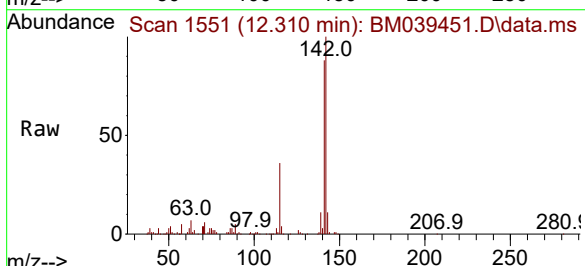
Instrument :
BNA_M
ClientSampleId :
SSTD005006

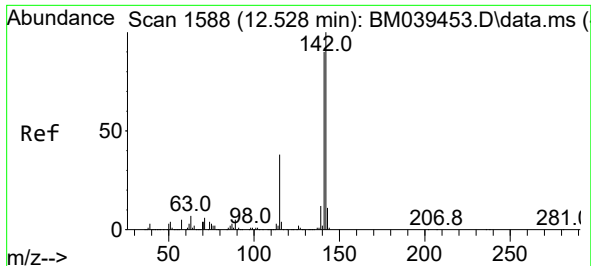
Tgt Ion:107 Resp: 79315
Ion Ratio Lower Upper
107 100
144 26.8 21.0 31.4
142 81.4 62.9 94.3



#36
2-Methylnaphthalene
Concen: 4.719 ng/ul
RT: 12.310 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion:142 Resp: 173842
Ion Ratio Lower Upper
142 100
141 87.9 71.1 106.7





#37

1-Methylnaphthalene

Concen: 4.794 ng/ul

RT: 12.527 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Instrument :

BNA_M

ClientSampleId :

SSTD005006

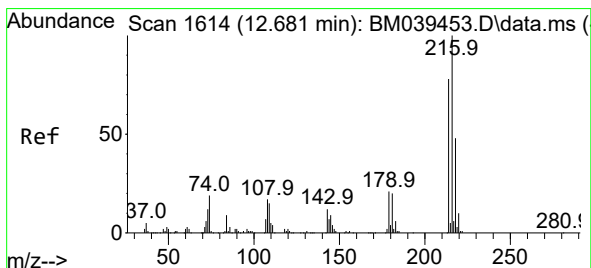
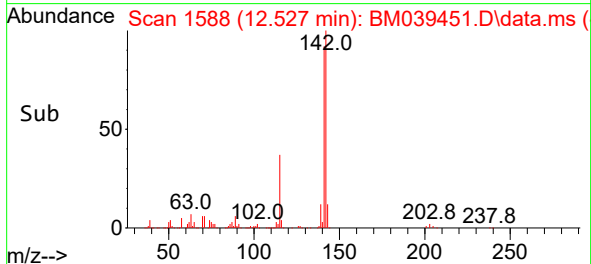
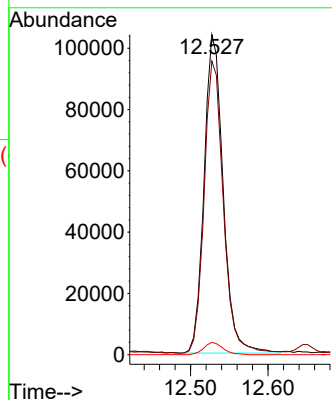
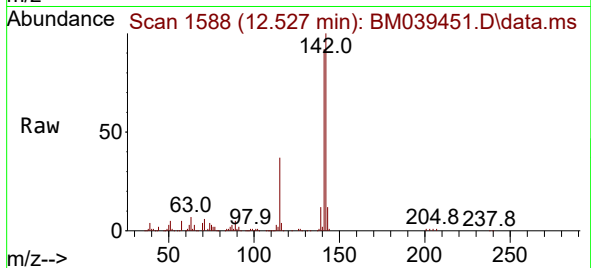
Tgt Ion:142 Resp: 177454

Ion Ratio Lower Upper

142 100

141 91.8 72.0 108.0

116 3.8 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.559 ng/ul

RT: 12.680 min Scan# 1614

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Tgt Ion:216 Resp: 91513

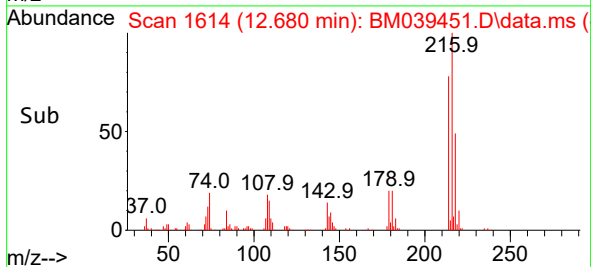
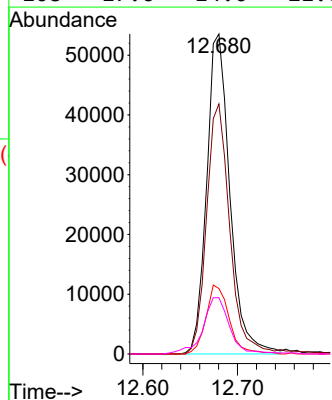
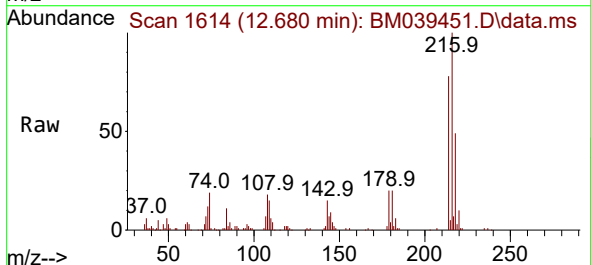
Ion Ratio Lower Upper

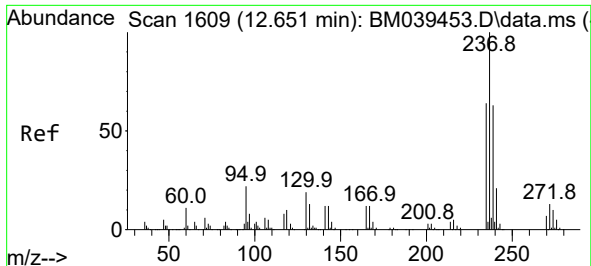
216 100

214 78.1 62.2 93.2

179 20.5 16.5 24.7

108 17.6 14.0 21.0

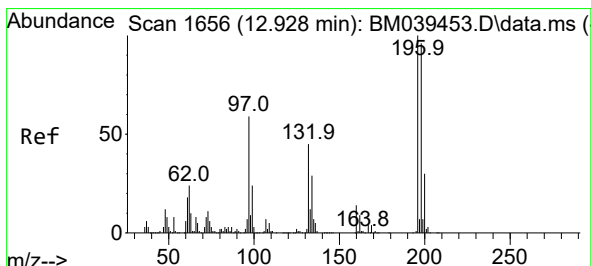
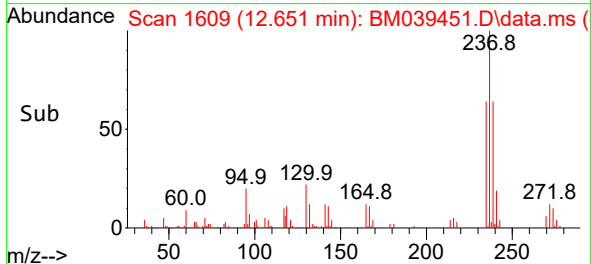
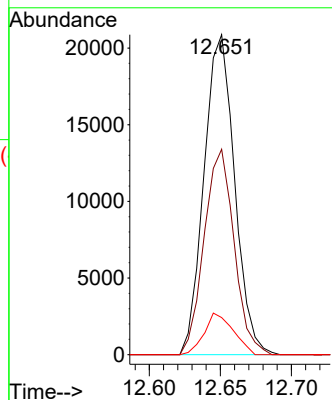
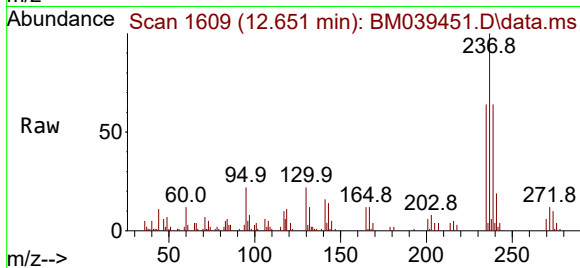




#40
Hexachlorocyclopentadiene
Concen: 2.616 ng/ul
RT: 12.651 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

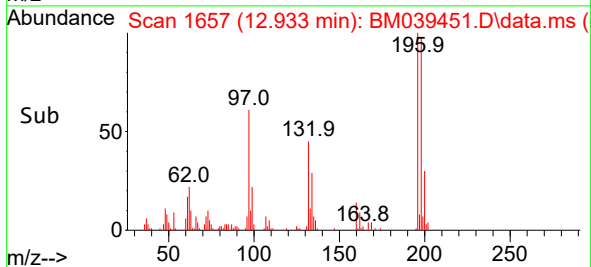
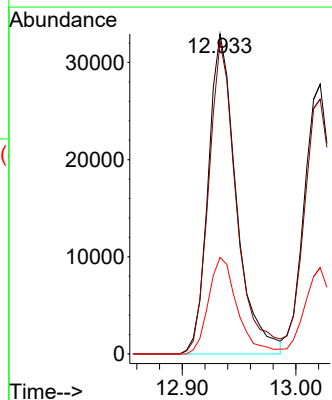
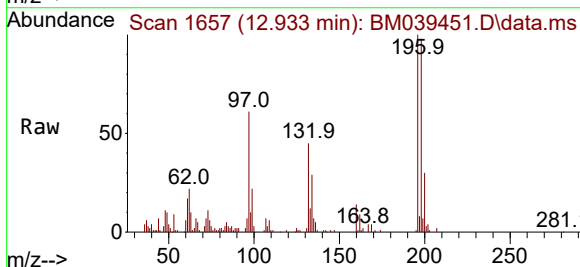
Instrument :
BNA_M
ClientSampleId :
SSTD005006

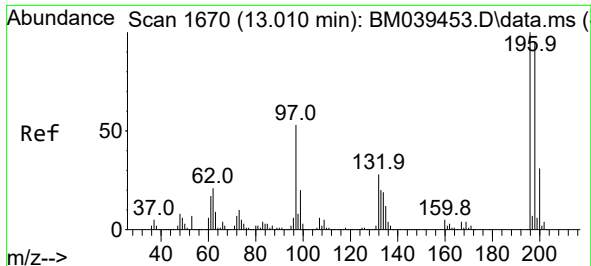
Tgt Ion:237 Resp: 31279
Ion Ratio Lower Upper
237 100
235 64.2 50.9 76.3
272 11.6 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 4.229 ng/ul
RT: 12.933 min Scan# 1657
Delta R.T. 0.006 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion:196 Resp: 56706
Ion Ratio Lower Upper
196 100
198 97.6 76.7 115.1
200 30.2 23.8 35.6

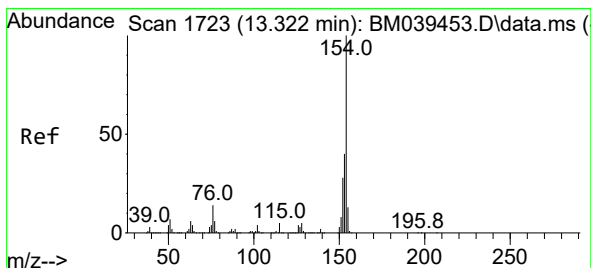
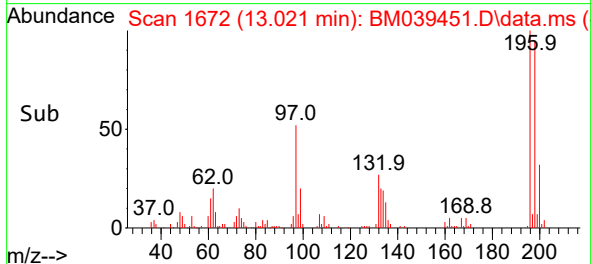
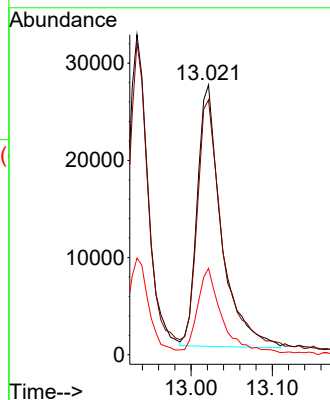
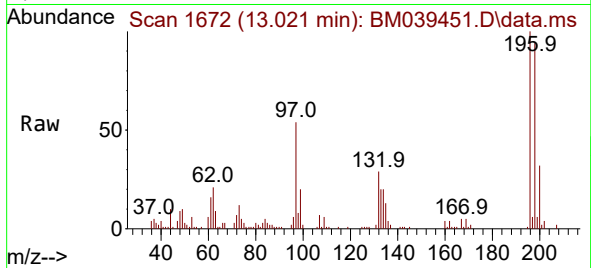




#42
2,4,5-Trichlorophenol
Concen: 3.999 ng/ul
RT: 13.021 min Scan# 1670
Delta R.T. 0.012 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

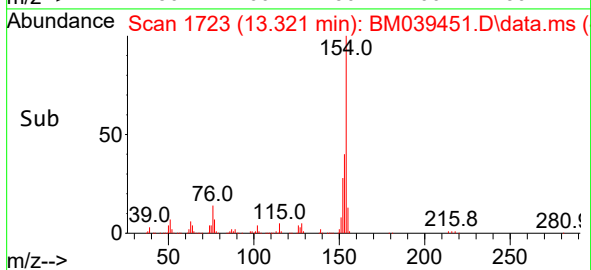
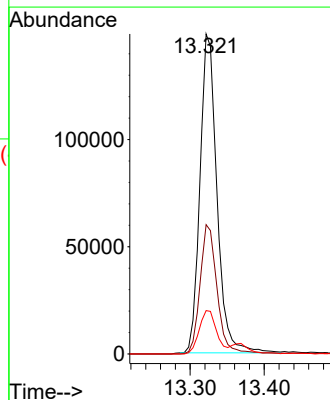
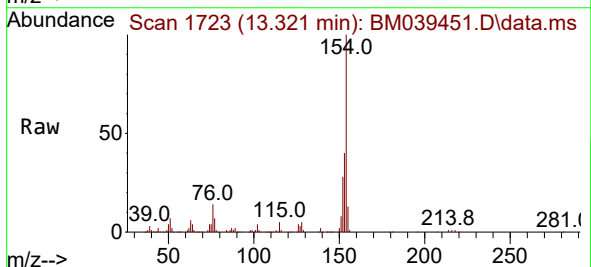
Instrument :
BNA_M
ClientSampleId :
SSTD005006

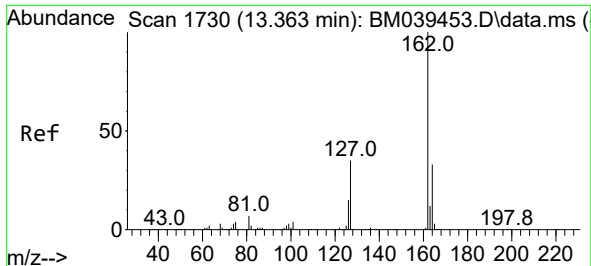
Tgt Ion:196 Resp: 55726
Ion Ratio Lower Upper
196 100
198 94.5 75.7 113.5
200 32.1 24.6 36.8



#43
1,1'-Biphenyl
Concen: 4.596 ng/ul
RT: 13.321 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion:154 Resp: 237513
Ion Ratio Lower Upper
154 100
153 40.4 31.9 47.9
76 13.6 11.5 17.3

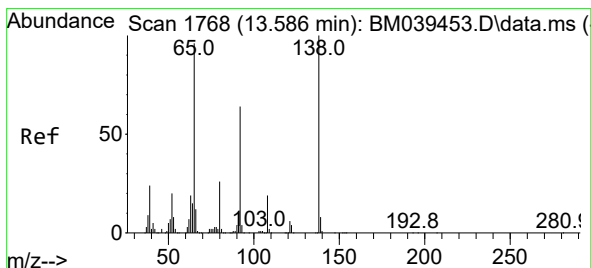
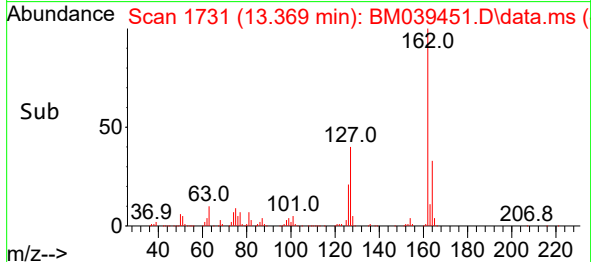
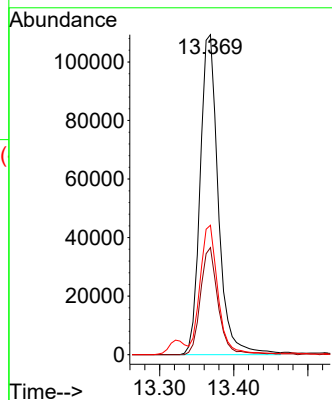
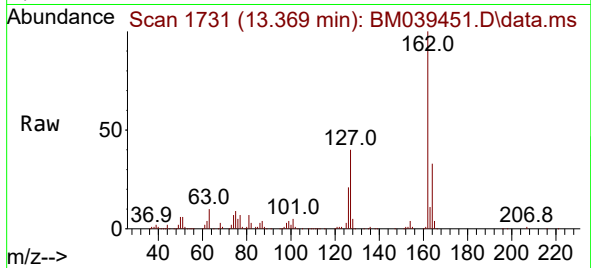




#44
2-Chloronaphthalene
Concen: 4.595 ng/ul
RT: 13.369 min Scan# 1730
Delta R.T. 0.006 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

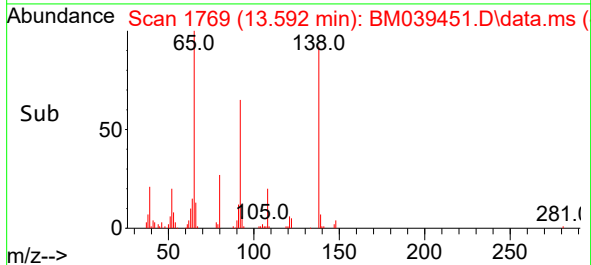
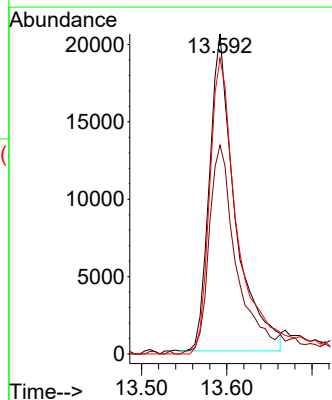
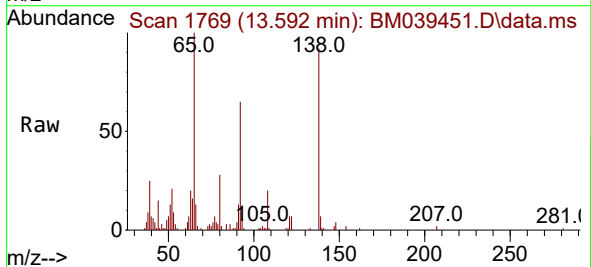
Instrument :
BNA_M
ClientSampleId :
SSTD005006

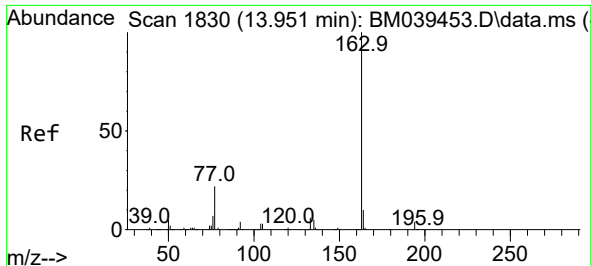
Tgt Ion:162 Resp: 186268
Ion Ratio Lower Upper
162 100
164 33.4 26.1 39.1
127 40.5 31.4 47.2



#45
2-Nitroaniline
Concen: 3.620 ng/ul
RT: 13.592 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion: 65 Resp: 43038
Ion Ratio Lower Upper
65 100
92 65.2 53.4 80.2
138 92.5 83.2 124.8





#47

Dimethylphthalate

Concen: 4.749 ng/ul

RT: 13.951 min Scan# 1830

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Instrument :

BNA_M

ClientSampleId :

SSTD005006

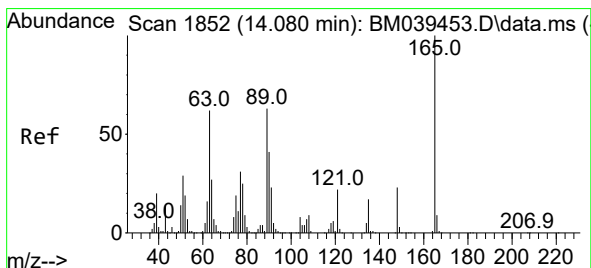
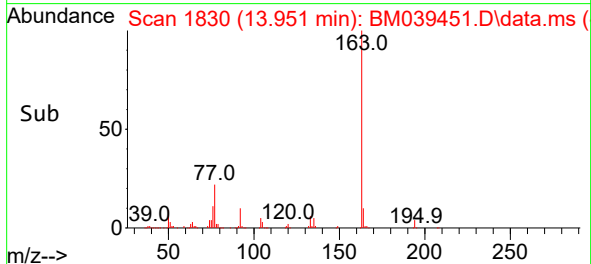
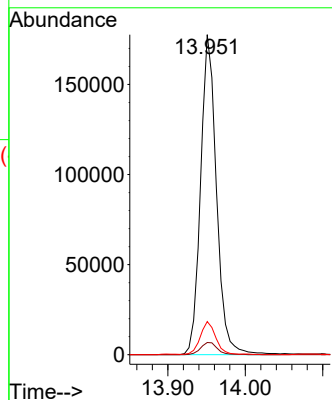
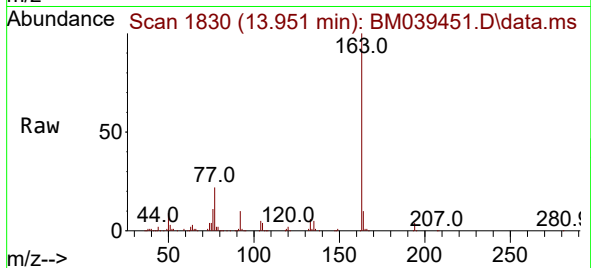
Tgt Ion:163 Resp: 253570

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.3 8.2 12.2



#48

2,6-Dinitrotoluene

Concen: 4.151 ng/ul

RT: 14.080 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

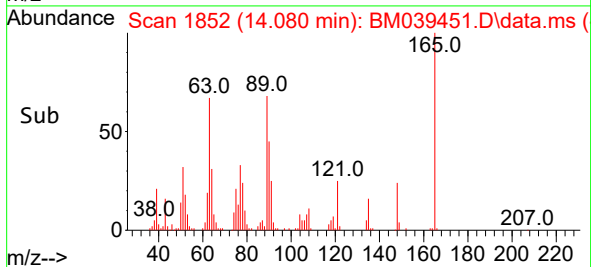
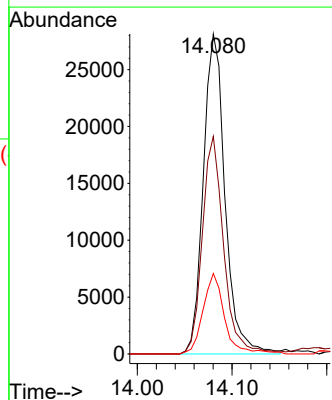
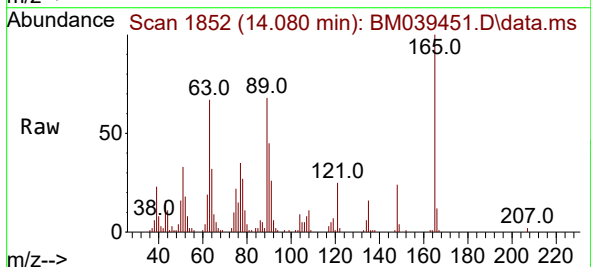
Tgt Ion:165 Resp: 44823

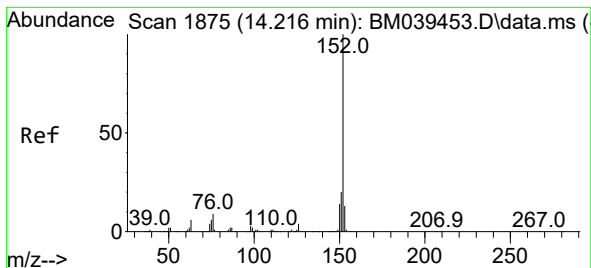
Ion Ratio Lower Upper

165 100

89 68.0 50.6 76.0

121 25.1 17.3 25.9





#50

Acenaphthylene

Concen: 4.721 ng/ul

RT: 14.210 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Instrument :

BNA_M

ClientSampleId :

SSTD005006

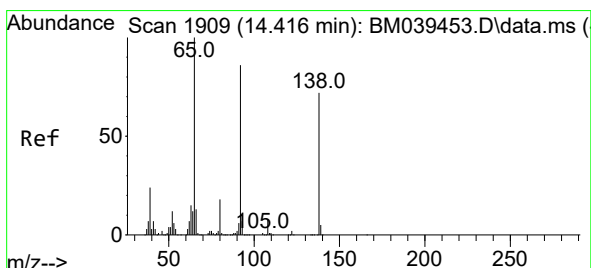
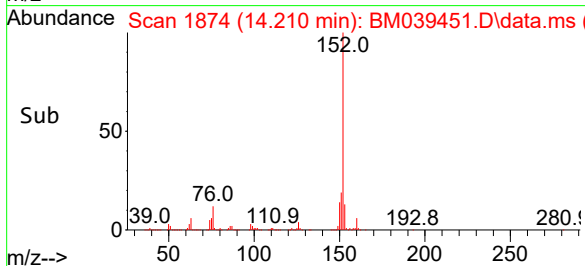
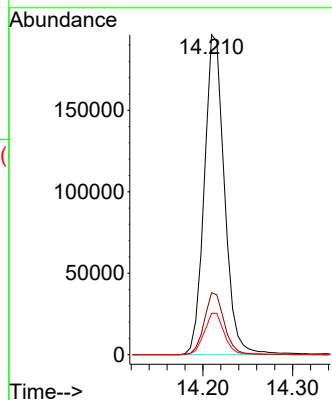
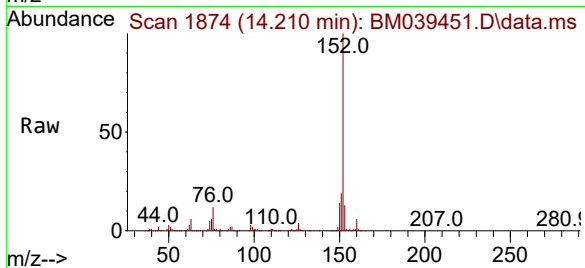
Tgt Ion:152 Resp: 305936

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.8

153 12.9 10.4 15.6



#51

3-Nitroaniline

Concen: 3.197 ng/ul

RT: 14.427 min Scan# 1911

Delta R.T. 0.012 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

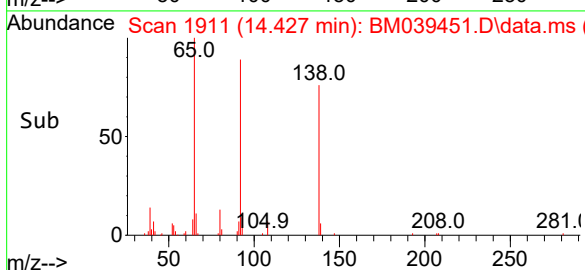
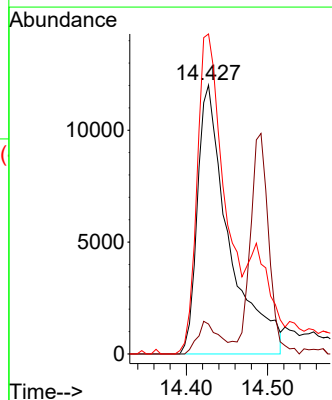
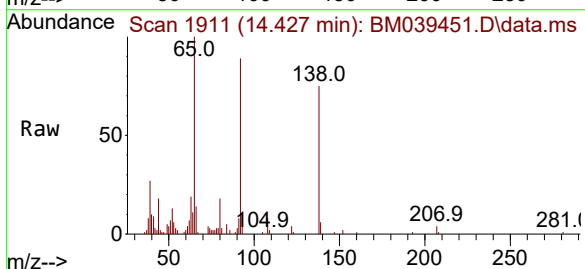
Tgt Ion:138 Resp: 32355

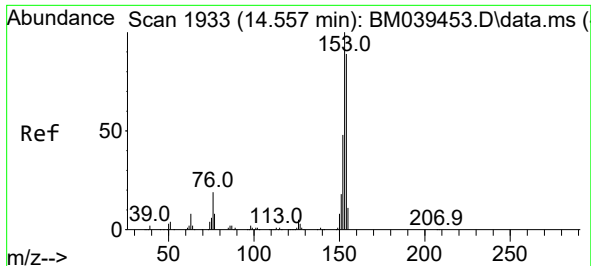
Ion Ratio Lower Upper

138 100

108 11.1 8.8 13.2

92 119.1 95.5 143.3

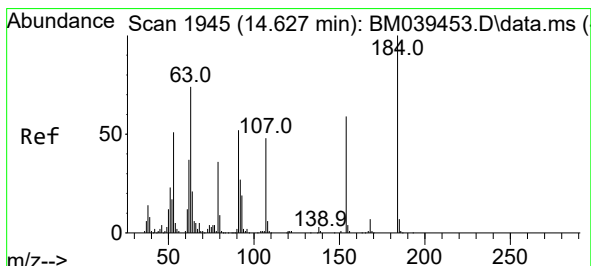
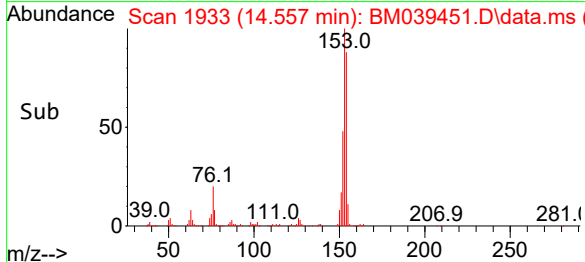
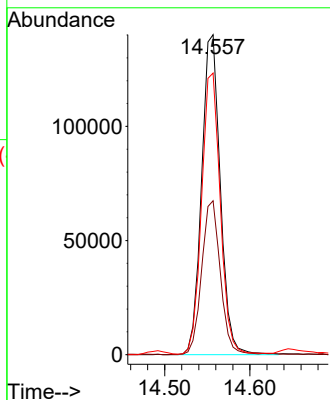
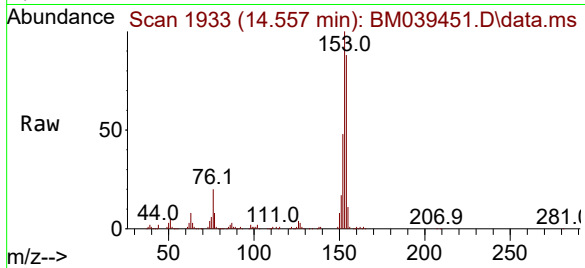




#52
Acenaphthene
Concen: 4.790 ng/ul
RT: 14.557 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

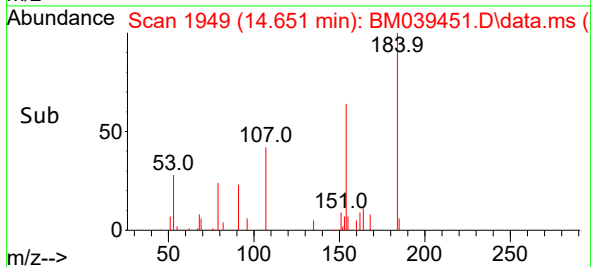
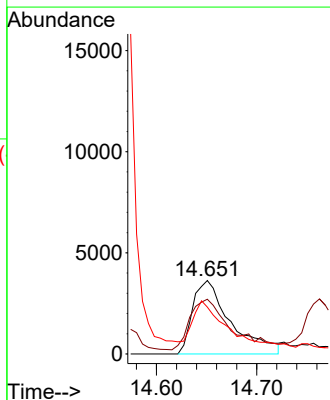
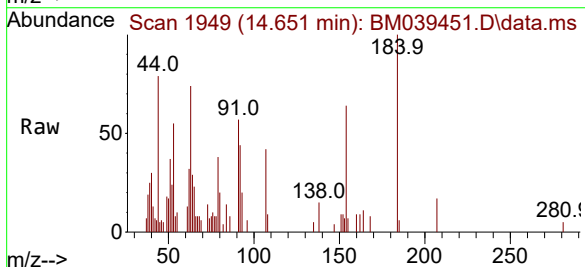
Instrument :
BNA_M
ClientSampleId :
SSTD005006

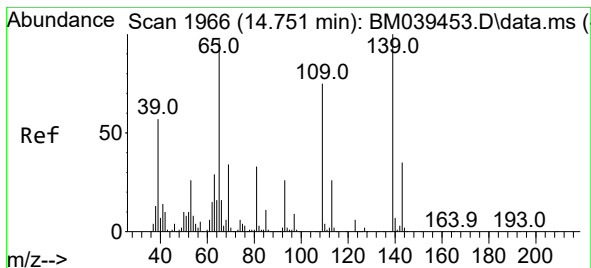
Tgt Ion:153 Resp: 213700
Ion Ratio Lower Upper
153 100
152 48.1 38.2 57.4
154 88.0 71.0 106.4



#53
2,4-Dinitrophenol
Concen: 1.668 ng/ul
RT: 14.651 min Scan# 1949
Delta R.T. 0.023 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion:184 Resp: 9587
Ion Ratio Lower Upper
184 100
63 74.5 60.0 90.0
154 63.9 51.8 77.6

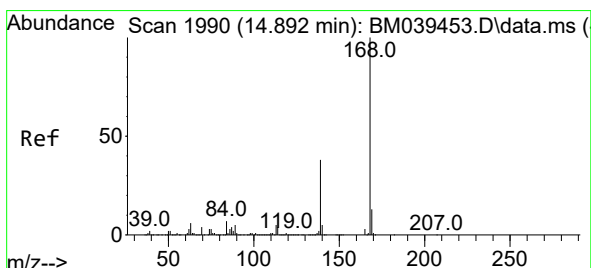
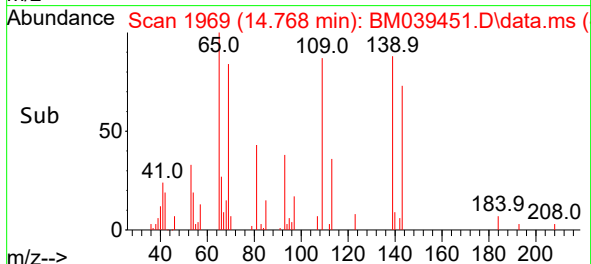
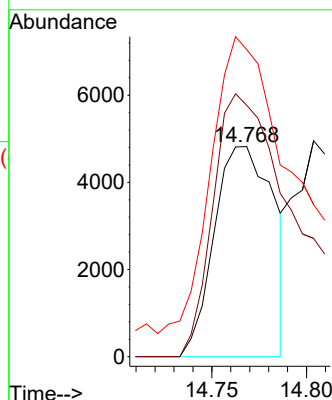
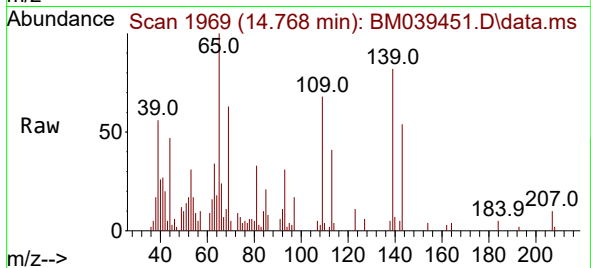




#55
4-Nitrophenol
Concen: 1.692 ng/ul
RT: 14.768 min Scan# 1969
Delta R.T. 0.017 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

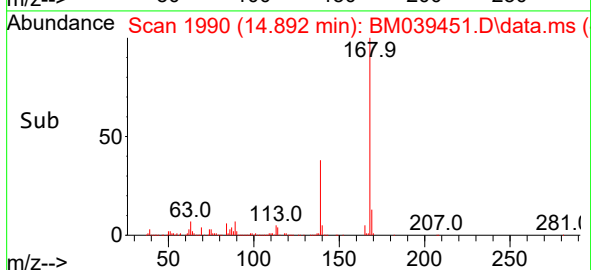
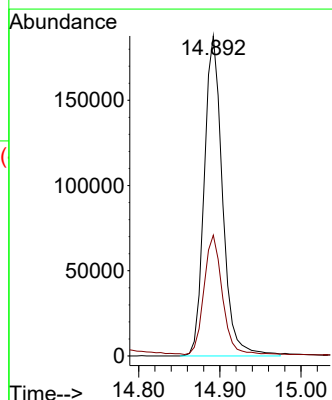
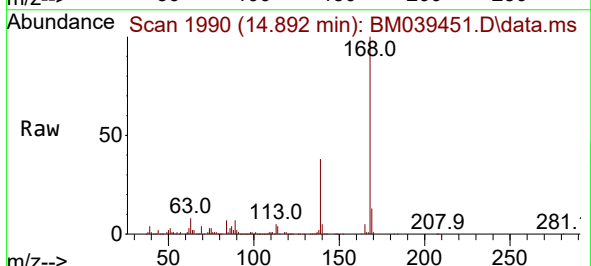
Instrument :
BNA_M
ClientSampleId :
SSTD005006

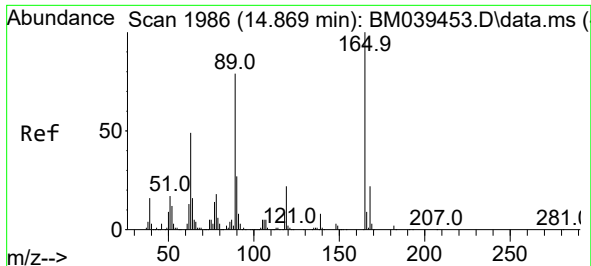
Tgt Ion:109 Resp: 10490
Ion Ratio Lower Upper
109 100
139 119.7 106.4 159.6
65 146.2 104.8 157.2



#56
Dibenzofuran
Concen: 4.845 ng/ul
RT: 14.892 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion:168 Resp: 293807
Ion Ratio Lower Upper
168 100
139 37.8 30.7 46.1

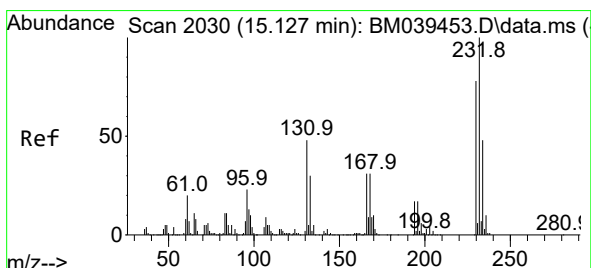
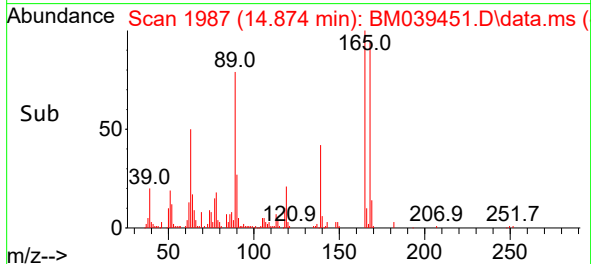
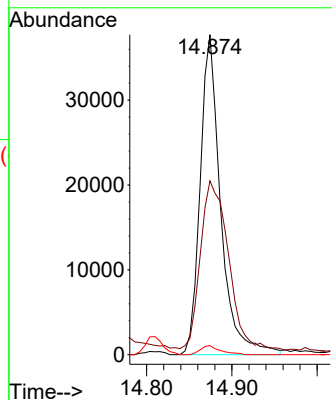
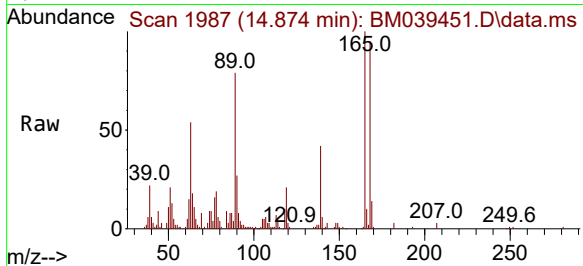




#57
2,4-Dinitrotoluene
Concen: 4.198 ng/ul
RT: 14.874 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

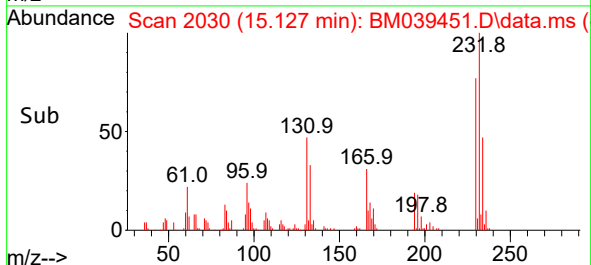
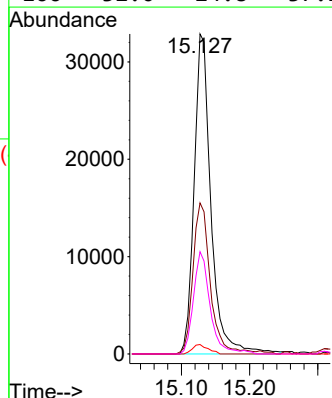
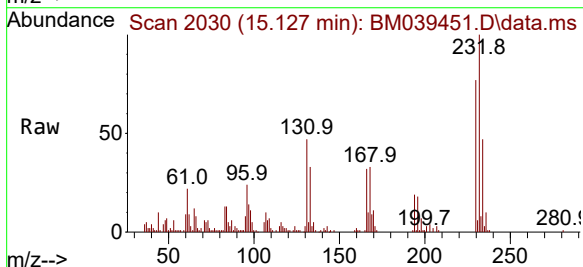
Instrument :
BNA_M
ClientSampleId :
SSTD005006

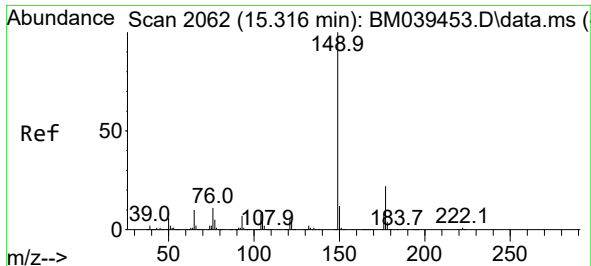
Tgt Ion:165 Resp: 62990
Ion Ratio Lower Upper
165 100
63 54.3 39.4 59.2
182 2.8 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.508 ng/ul
RT: 15.127 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion:232 Resp: 56237
Ion Ratio Lower Upper
232 100
131 47.2 38.0 57.0
130 2.9 2.0 3.0
166 32.0 24.8 37.2





#59

Diethylphthalate

Concen: 4.756 ng/ul

RT: 15.315 min Scan# 2062

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Instrument :

BNA_M

ClientSampleId :

SSTD005006

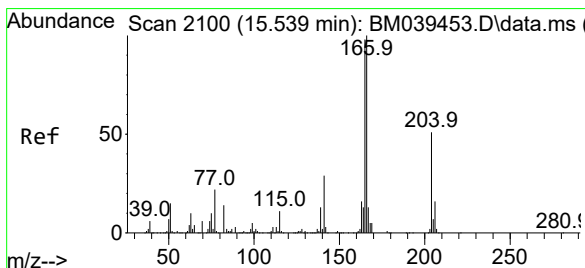
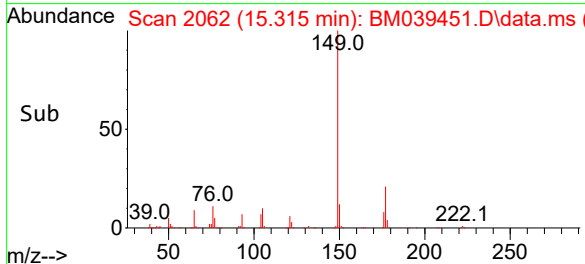
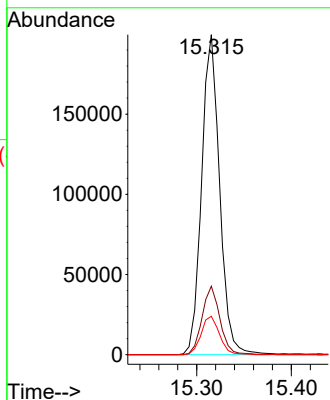
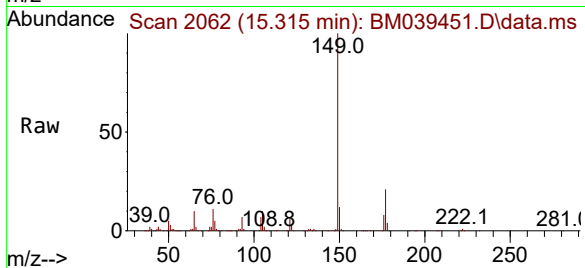
Tgt Ion:149 Resp: 263240

Ion Ratio Lower Upper

149 100

177 21.4 17.3 25.9

150 12.0 9.8 14.6



#61

Fluorene

Concen: 4.949 ng/ul

RT: 15.539 min Scan# 2100

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

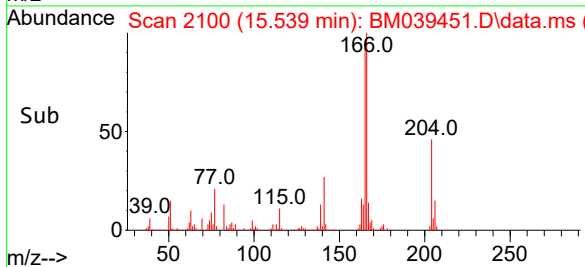
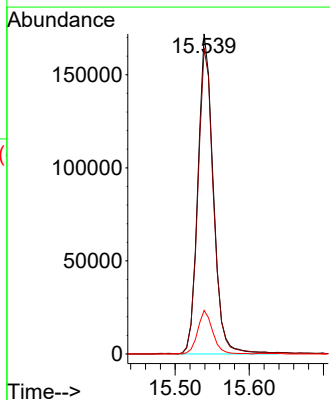
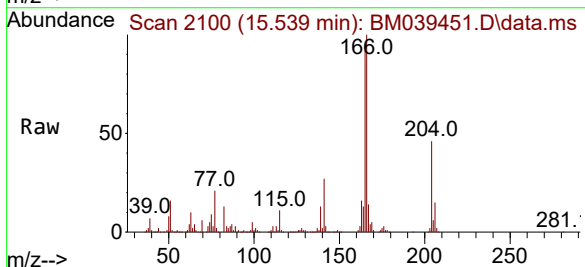
Tgt Ion:166 Resp: 248287

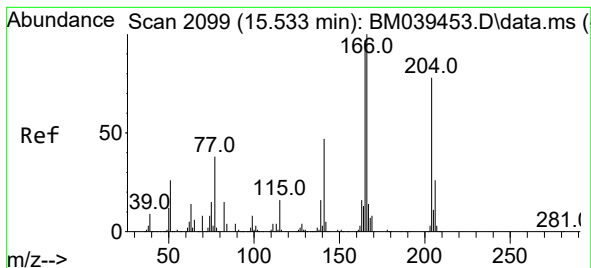
Ion Ratio Lower Upper

166 100

165 95.5 78.2 117.2

167 13.6 10.7 16.1

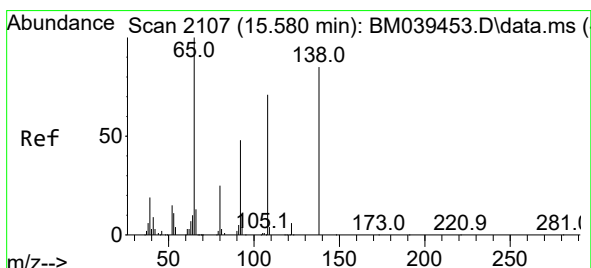
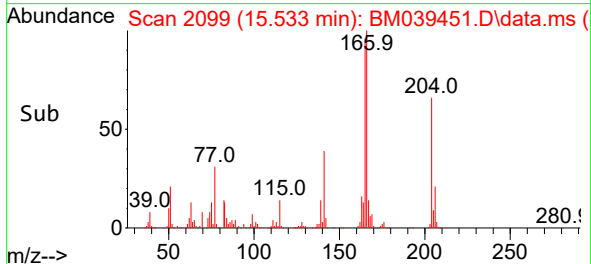
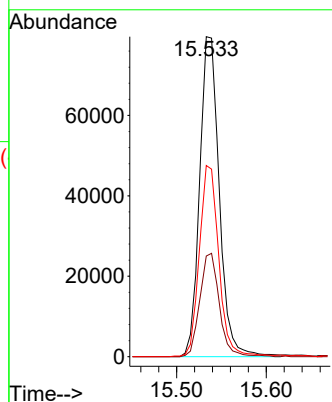
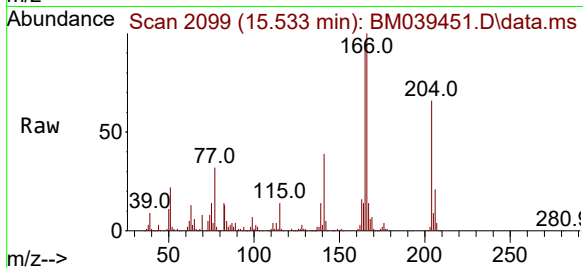




#62
4-Chlorophenyl-phenylether
Concen: 4.870 ng/ul
RT: 15.533 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

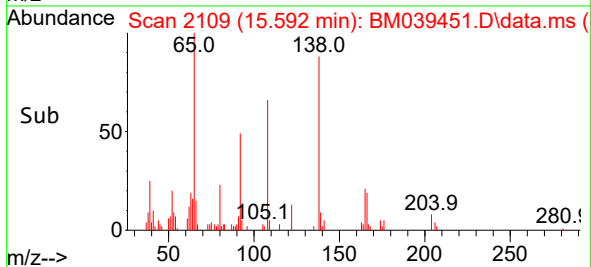
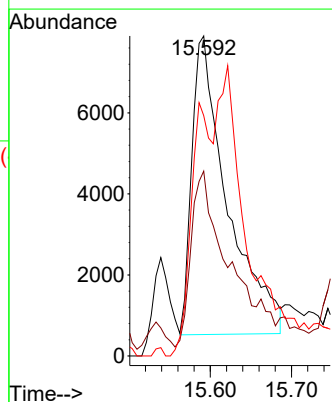
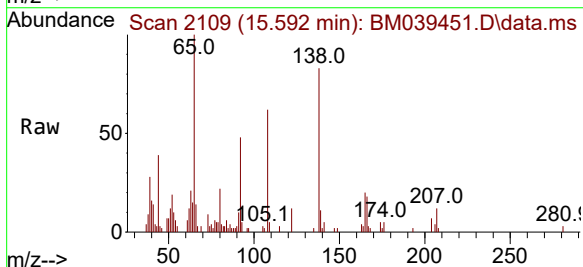
Instrument :
BNA_M
ClientSampleId :
SSTD005006

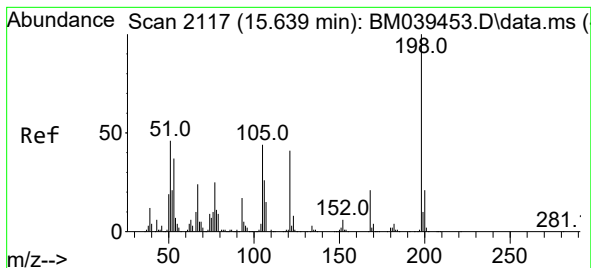
Tgt Ion:204 Resp: 121095
Ion Ratio Lower Upper
204 100
206 31.5 26.8 40.2
141 59.8 48.5 72.7



#63
4-Nitroaniline
Concen: 2.939 ng/ul
RT: 15.592 min Scan# 2109
Delta R.T. 0.012 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion:138 Resp: 22372
Ion Ratio Lower Upper
138 100
92 57.7 44.1 66.1
108 75.1 64.6 97.0

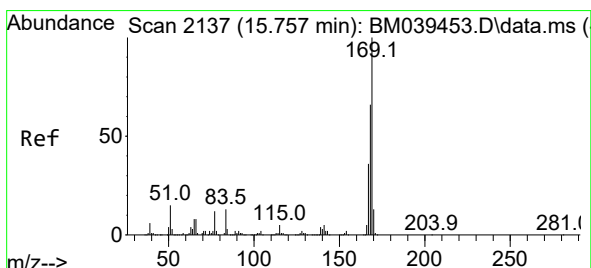
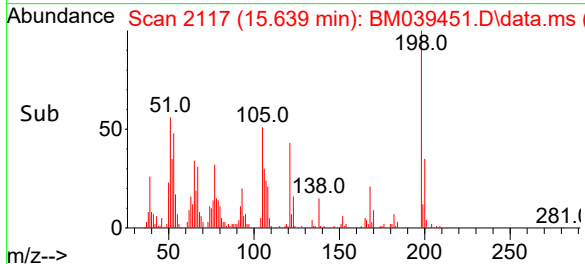
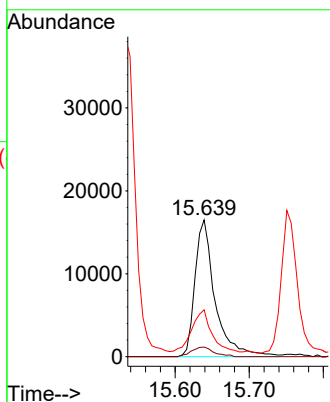
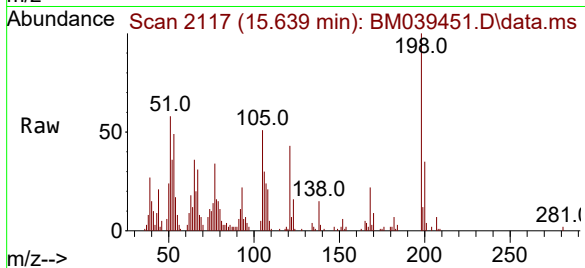




#66
4,6-Dinitro-2-methylphenol
Concen: 3.391 ng/ul
RT: 15.639 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

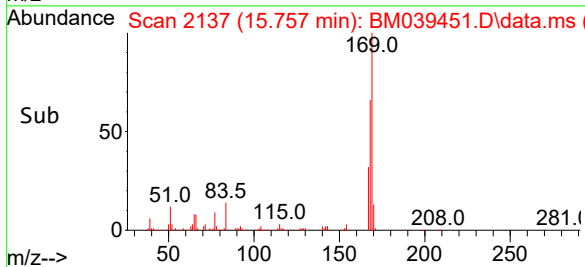
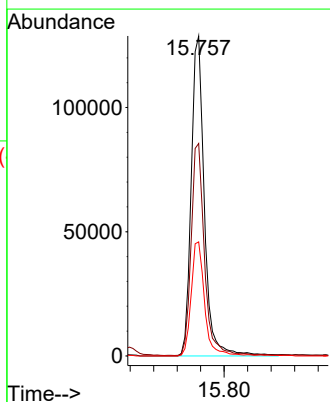
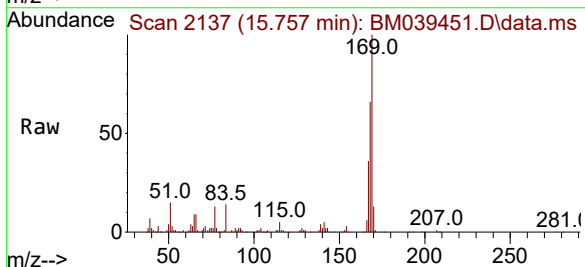
Instrument :
BNA_M
ClientSampleId :
SSTD005006

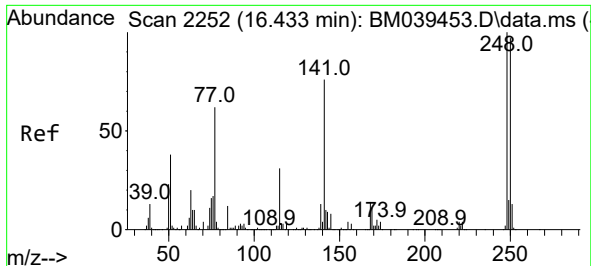
Tgt Ion:198 Resp: 31049
Ion Ratio Lower Upper
198 100
182 7.1 3.1 4.7#
77 34.2 20.6 31.0#



#67
N-Nitrosodiphenylamine
Concen: 4.686 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion:169 Resp: 200105
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 35.6 28.9 43.3

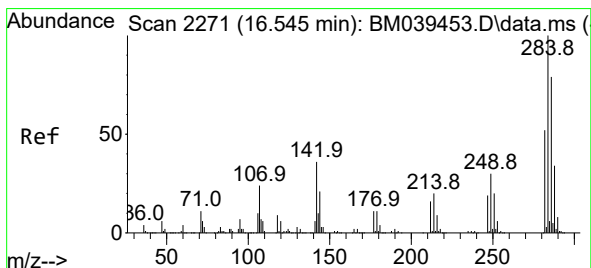
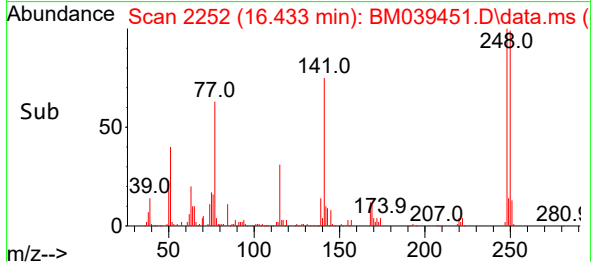
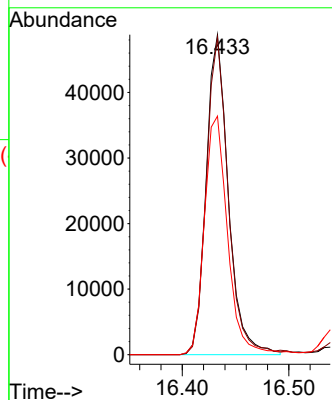
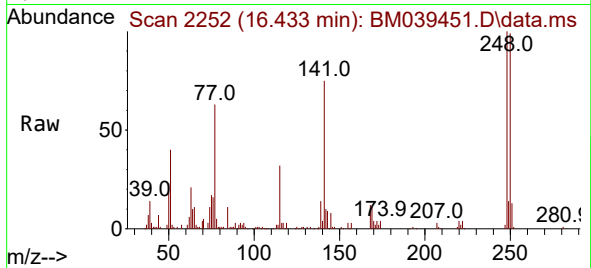




#68
4-Bromophenyl-phenylether
Concen: 4.576 ng/ul
RT: 16.433 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

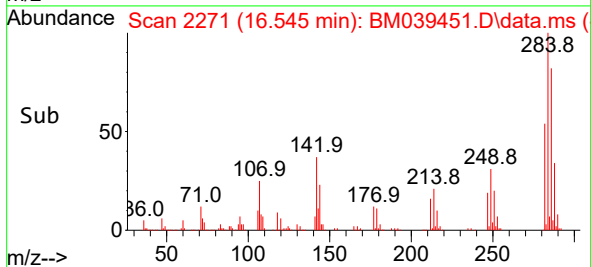
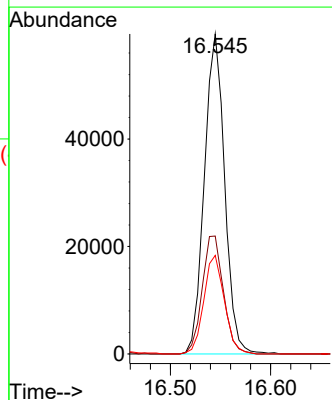
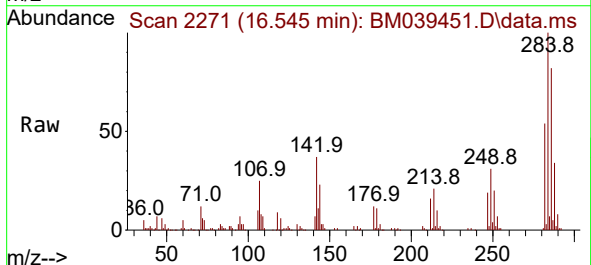
Instrument :
BNA_M
ClientSampleId :
SSTD005006

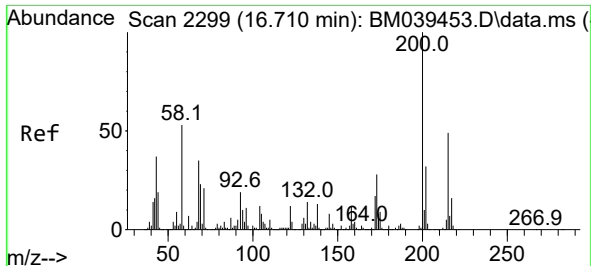
Tgt Ion:248 Resp: 70833
Ion Ratio Lower Upper
248 100
250 99.1 77.7 116.5
141 74.6 61.0 91.4



#69
Hexachlorobenzene
Concen: 4.726 ng/ul
RT: 16.545 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion:284 Resp: 84052
Ion Ratio Lower Upper
284 100
142 36.9 28.9 43.3
249 30.8 23.9 35.9

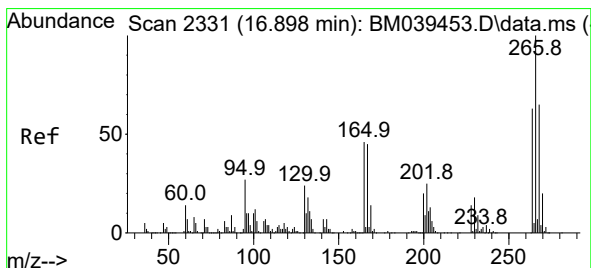
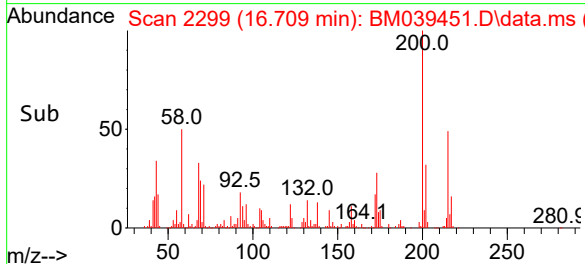
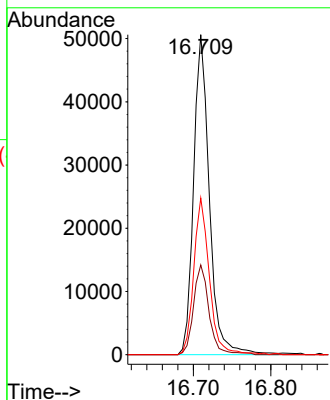
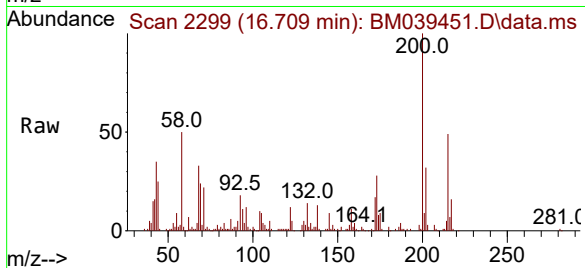




#70
 Atrazine
 Concen: 4.515 ng/ul
 RT: 16.709 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039451.D
 Acq: 18 Apr 2023 10:44

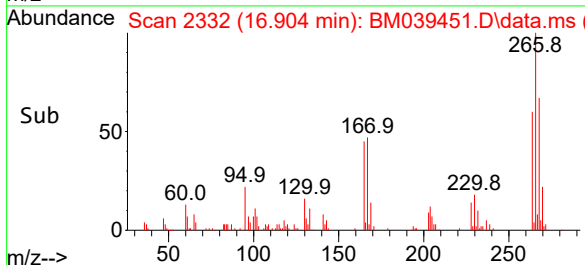
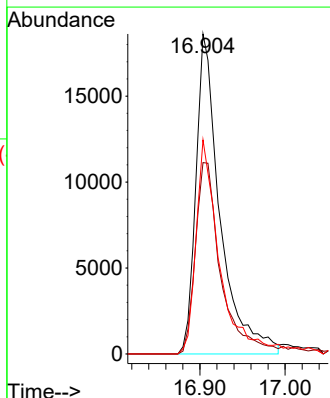
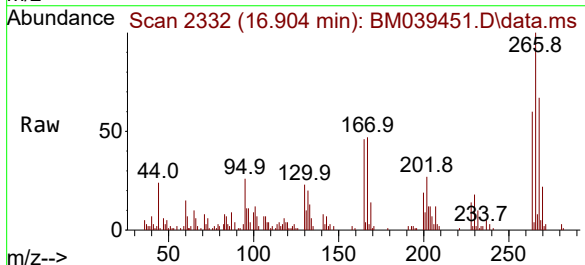
Instrument :
 BNA_M
 ClientSampleId :
 SST005006

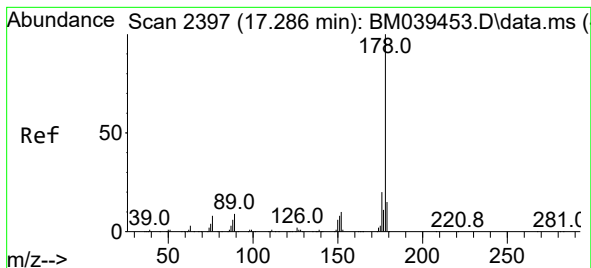
Tgt Ion:200 Resp: 71548
 Ion Ratio Lower Upper
 200 100
 173 28.1 22.2 33.2
 215 48.9 38.9 58.3



#71
 Pentachlorophenol
 Concen: 3.526 ng/ul
 RT: 16.904 min Scan# 2332
 Delta R.T. 0.006 min
 Lab File: BM039451.D
 Acq: 18 Apr 2023 10:44

Tgt Ion:266 Resp: 36652
 Ion Ratio Lower Upper
 266 100
 264 59.8 50.2 75.4
 268 66.9 51.9 77.9





#72

Phenanthrene

Concen: 4.798 ng/ul

RT: 17.286 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Instrument :

BNA_M

ClientSampleId :

SSTD005006

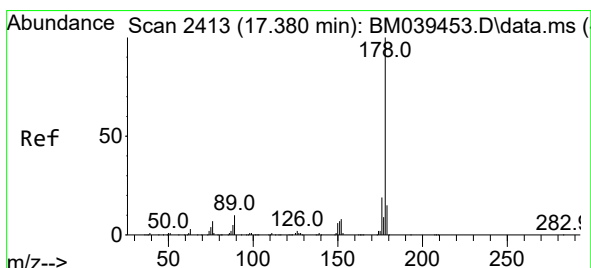
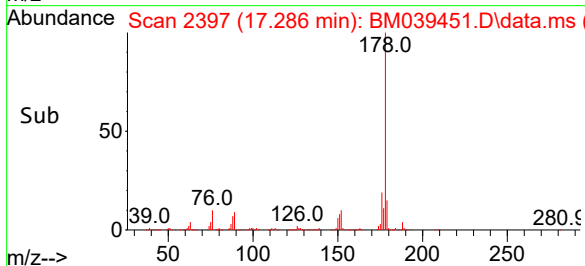
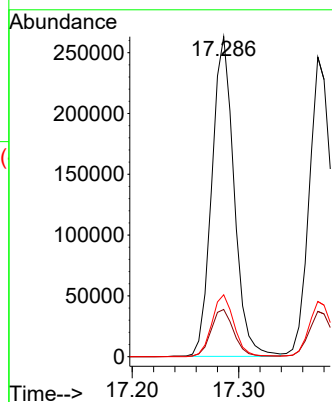
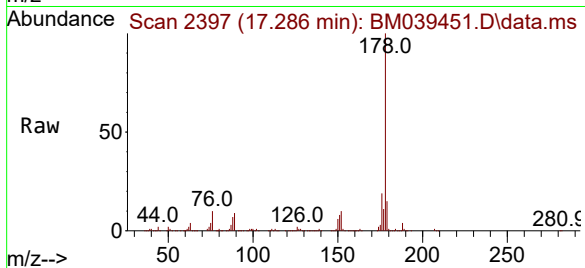
Tgt Ion:178 Resp: 381801

Ion Ratio Lower Upper

178 100

179 14.8 12.2 18.4

176 19.4 15.8 23.8



#74

Anthracene

Concen: 4.764 ng/ul

RT: 17.374 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

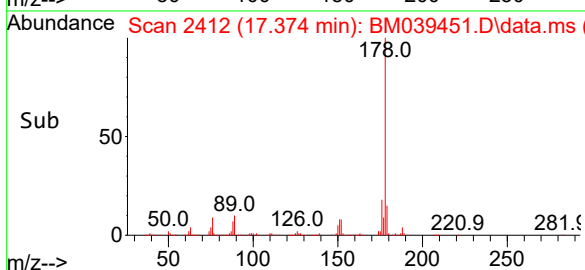
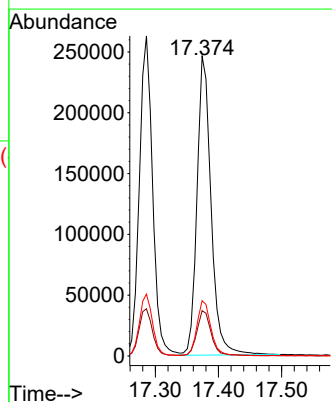
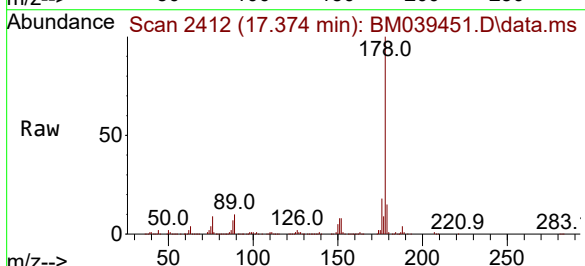
Tgt Ion:178 Resp: 380318

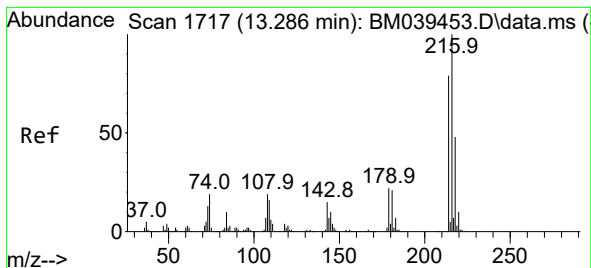
Ion Ratio Lower Upper

178 100

179 15.1 12.1 18.1

176 18.4 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.505 ng/uL

RT: 13.286 min Scan# 1717

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Instrument :

BNA_M

ClientSampleId :

SSTD005006

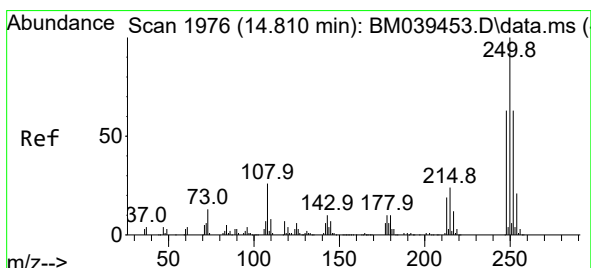
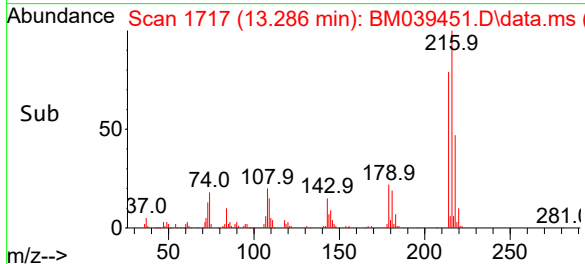
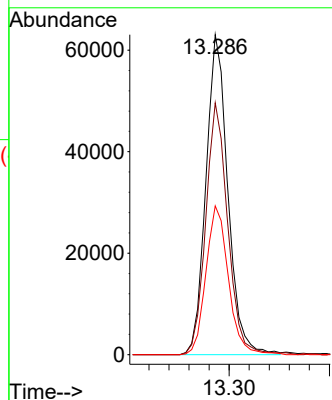
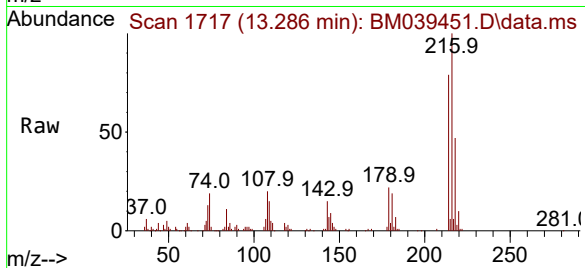
Tgt Ion:216 Resp: 96156

Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

218 46.5 38.1 57.1



#76

Pentachlorobenzene

Concen: 4.681 ng/uL

RT: 14.810 min Scan# 1976

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

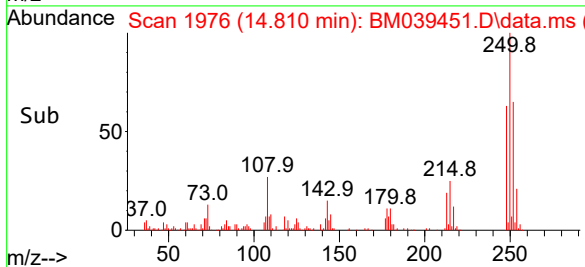
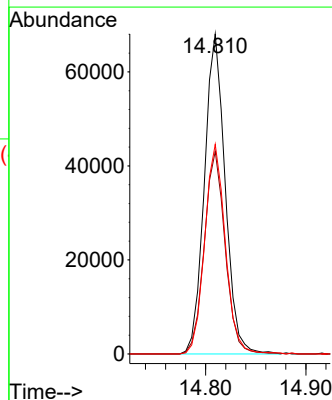
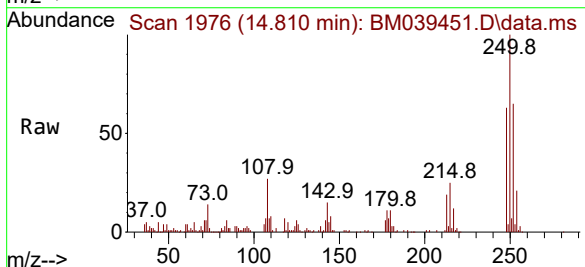
Tgt Ion:250 Resp: 98353

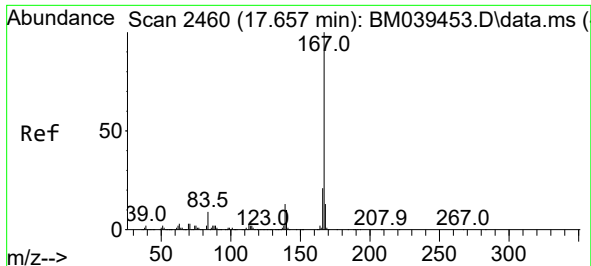
Ion Ratio Lower Upper

250 100

248 63.3 50.4 75.6

252 65.5 50.2 75.2

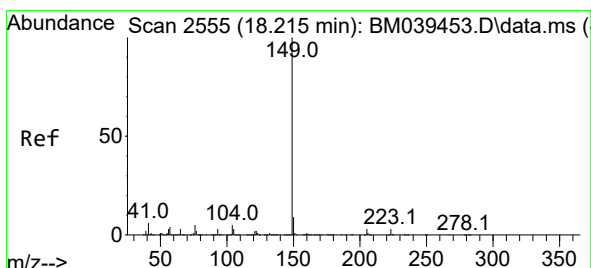
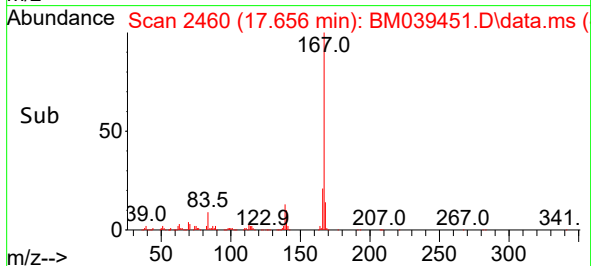
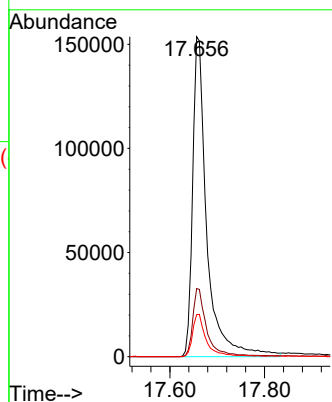
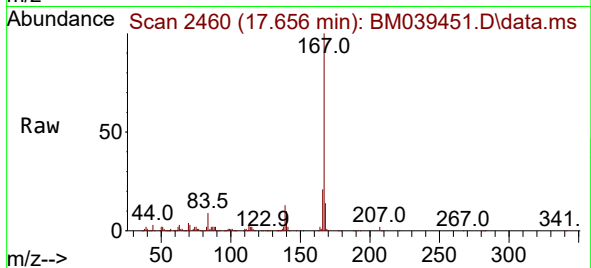




#77
 Carbazole
 Concen: 4.506 ng/ul
 RT: 17.656 min Scan# 2460
 Delta R.T. -0.000 min
 Lab File: BM039451.D
 Acq: 18 Apr 2023 10:44

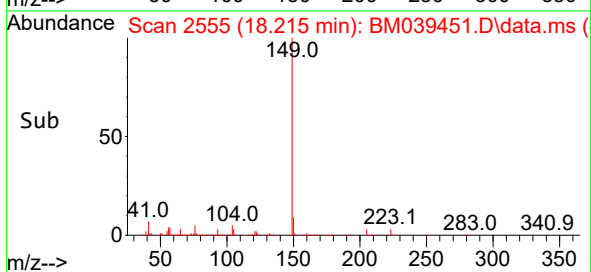
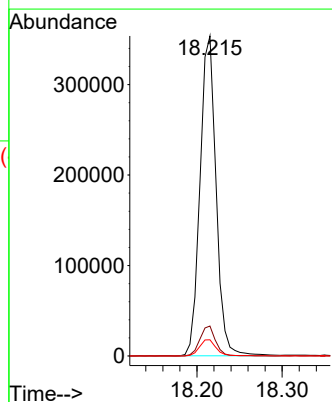
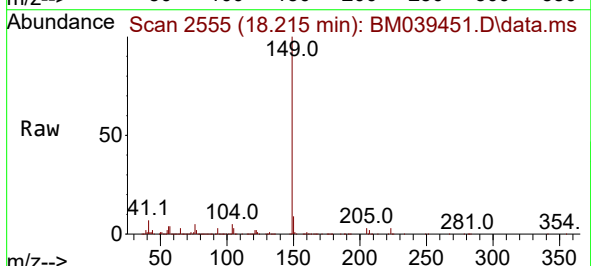
Instrument :
 BNA_M
 ClientSampleId :
 SSTD005006

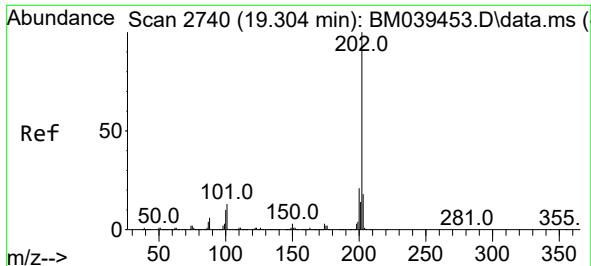
Tgt Ion:167 Resp: 319652
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 13.1 10.6 15.8



#78
 Di-n-butylphthalate
 Concen: 4.619 ng/ul
 RT: 18.215 min Scan# 2555
 Delta R.T. -0.000 min
 Lab File: BM039451.D
 Acq: 18 Apr 2023 10:44

Tgt Ion:149 Resp: 463383
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.0 10.6
 104 5.0 4.1 6.1

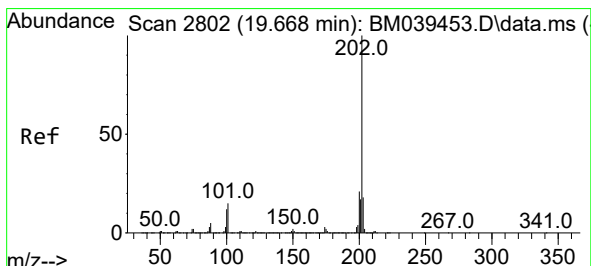
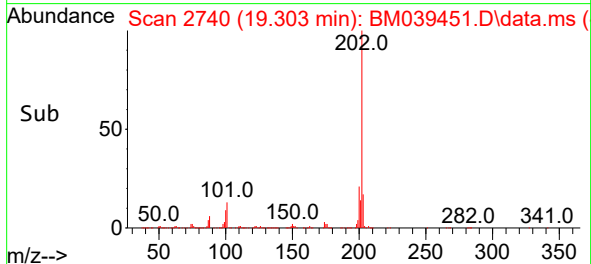
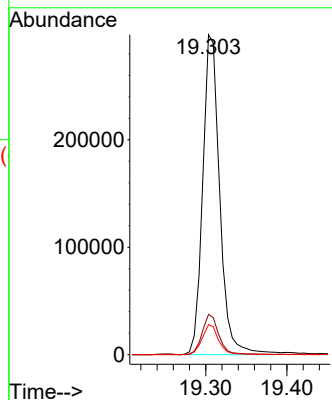
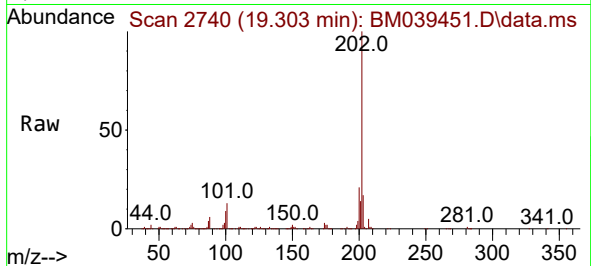




#80
Fluoranthene
Concen: 4.409 ng/ul
RT: 19.303 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

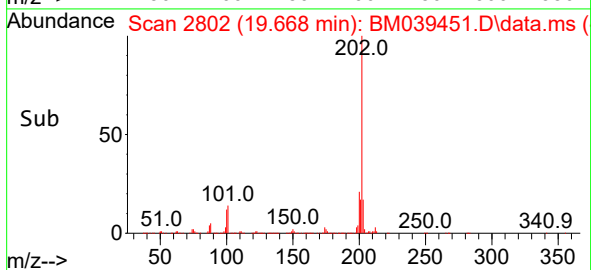
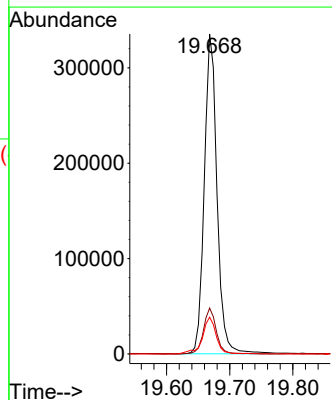
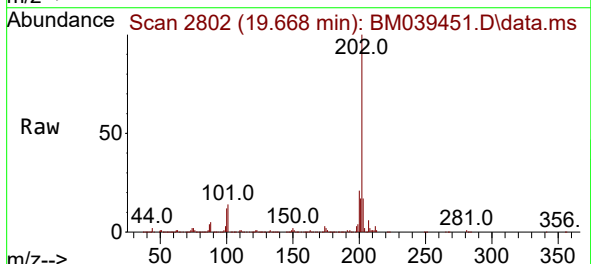
Instrument :
BNA_M
ClientSampleId :
SSTD005006

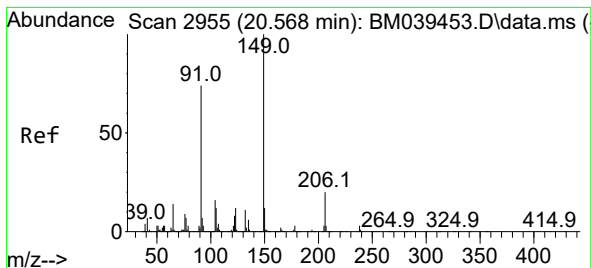
Tgt Ion:202 Resp: 433924
Ion Ratio Lower Upper
202 100
101 12.6 10.4 15.6
100 9.4 7.7 11.5



#82
Pyrene
Concen: 4.604 ng/ul
RT: 19.668 min Scan# 2802
Delta R.T. -0.000 min
Lab File: BM039451.D
Acq: 18 Apr 2023 10:44

Tgt Ion:202 Resp: 469029
Ion Ratio Lower Upper
202 100
101 14.4 12.1 18.1
100 11.5 9.6 14.4





#83

Butylbenzylphthalate

Concen: 4.268 ng/ul

RT: 20.568 min Scan# 2955

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Instrument :

BNA_M

ClientSampleId :

SSTD005006

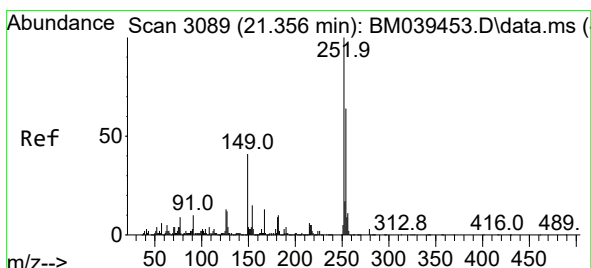
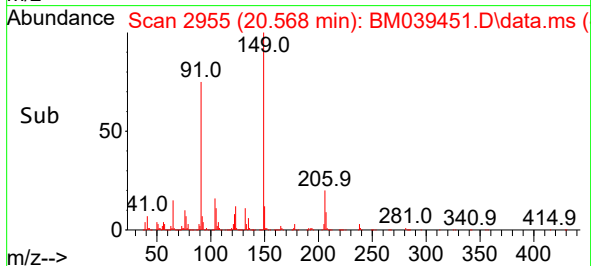
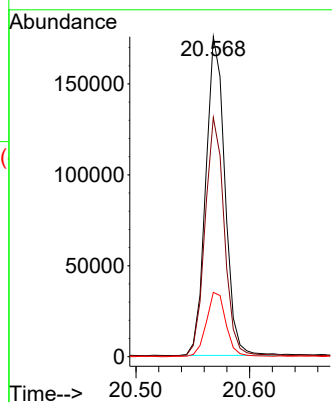
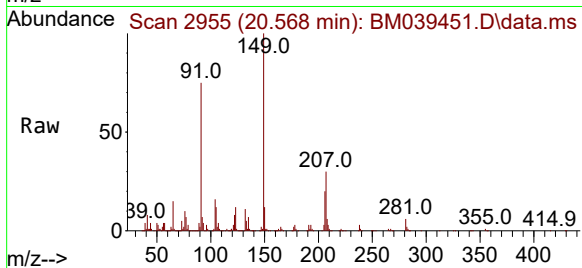
Tgt Ion:149 Resp: 205231

Ion Ratio Lower Upper

149 100

91 74.8 59.4 89.0

206 20.1 15.8 23.8



#84

3,3'-Dichlorobenzidine

Concen: 4.375 ng/ul

RT: 21.362 min Scan# 3090

Delta R.T. 0.006 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

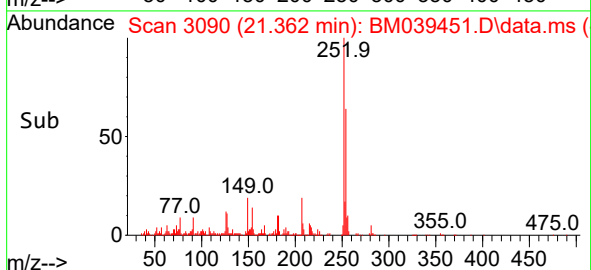
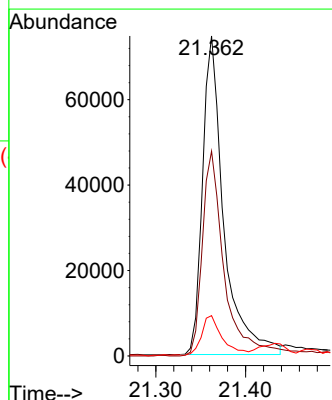
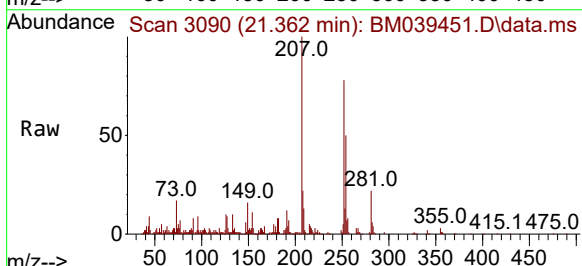
Tgt Ion:252 Resp: 122570

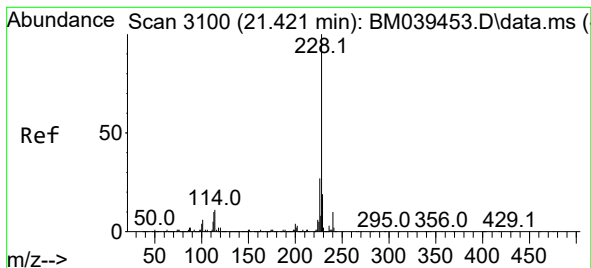
Ion Ratio Lower Upper

252 100

254 64.0 50.9 76.3

126 12.6 10.4 15.6





#85

Benzo(a)anthracene

Concen: 4.680 ng/ul

RT: 21.421 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Instrument :

BNA_M

ClientSampleId :

SSTD005006

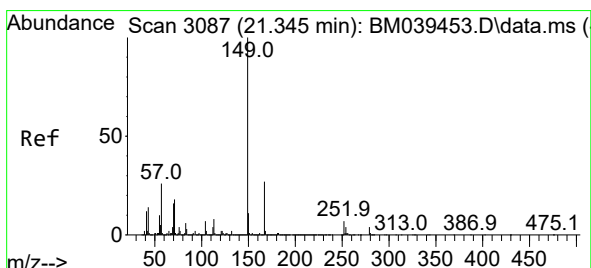
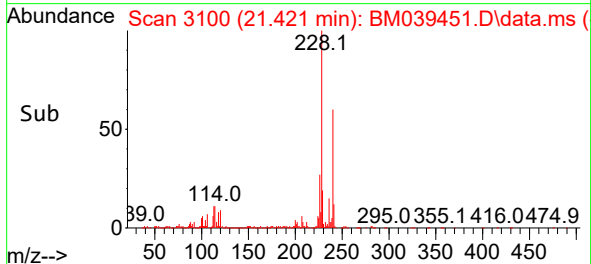
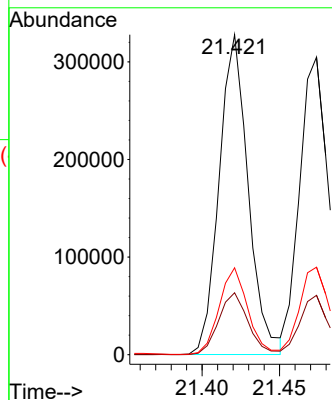
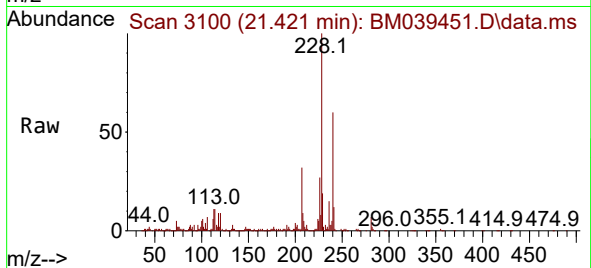
Tgt Ion:228 Resp: 427691

Ion Ratio Lower Upper

228 100

229 19.4 15.4 23.2

226 27.2 21.6 32.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.451 ng/ul

RT: 21.344 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

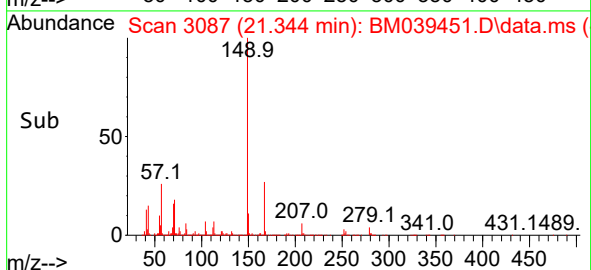
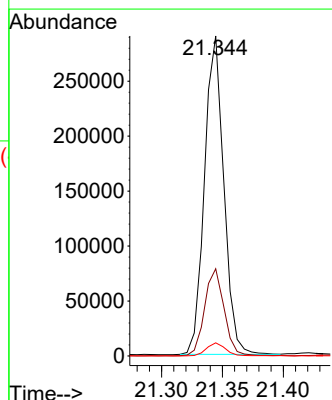
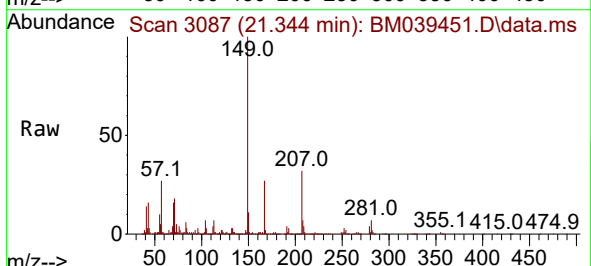
Tgt Ion:149 Resp: 318302

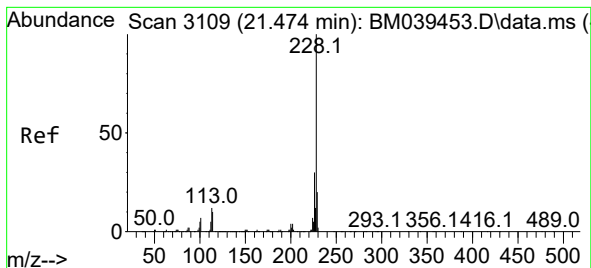
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

279 4.1 3.1 4.7





#87

Chrysene

Concen: 4.719 ng/ul

RT: 21.474 min Scan# 3109

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Instrument :

BNA_M

ClientSampleId :

SSTD005006

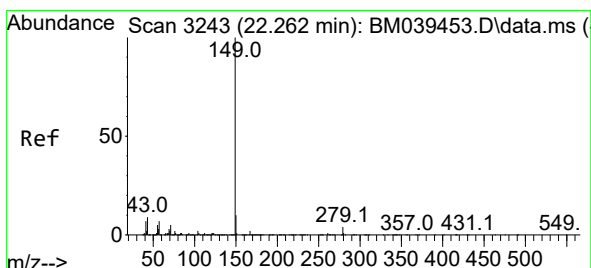
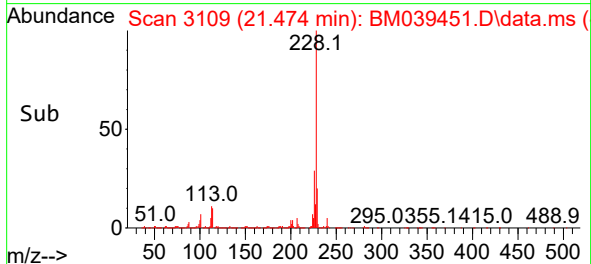
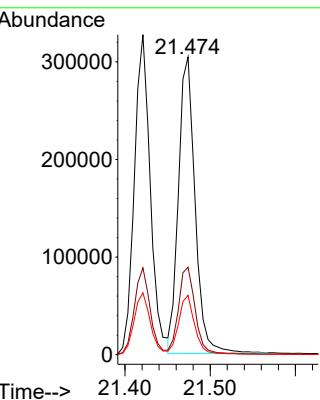
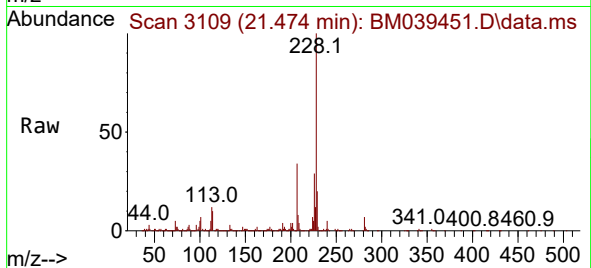
Tgt Ion:228 Resp: 411411

Ion Ratio Lower Upper

228 100

226 29.4 23.9 35.9

229 20.0 15.8 23.6



#89

Di-n-octyl phthalate

Concen: 4.409 ng/ul

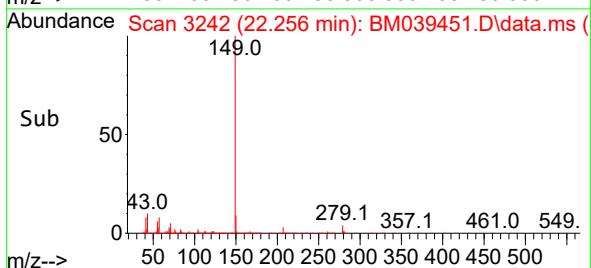
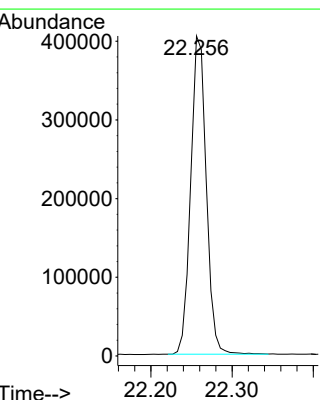
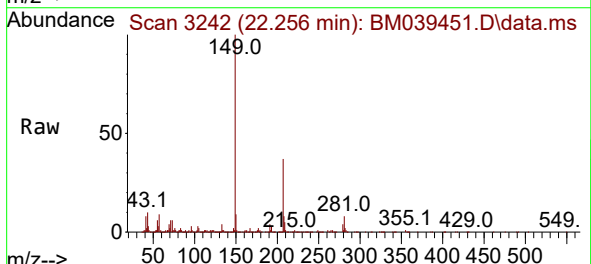
RT: 22.256 min Scan# 3242

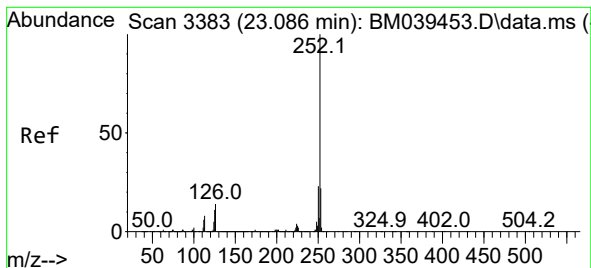
Delta R.T. -0.006 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Tgt Ion:149 Resp: 538079





#90

Benzo(b)fluoranthene

Concen: 4.548 ng/ul

RT: 23.086 min Scan# 3383

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Instrument :

BNA_M

ClientSampleId :

SSTD005006

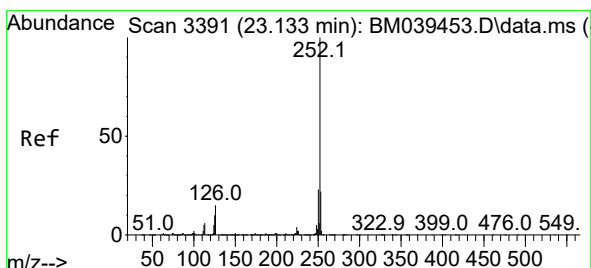
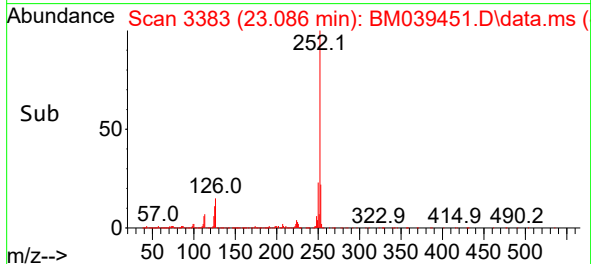
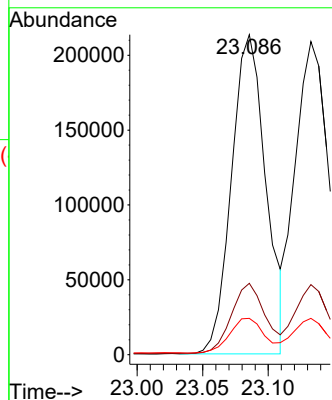
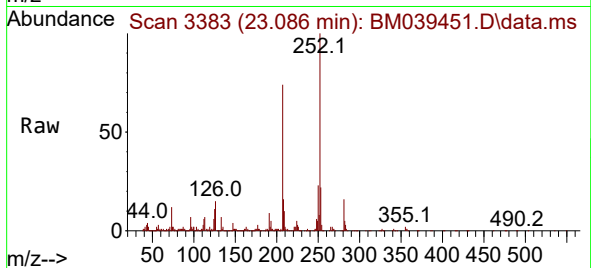
Tgt Ion:252 Resp: 388652

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 11.3 8.7 13.1



#91

Benzo(k)fluoranthene

Concen: 4.601 ng/ul

RT: 23.133 min Scan# 3391

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

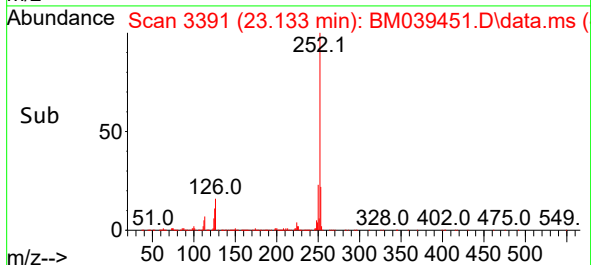
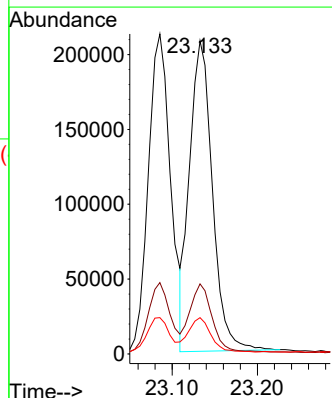
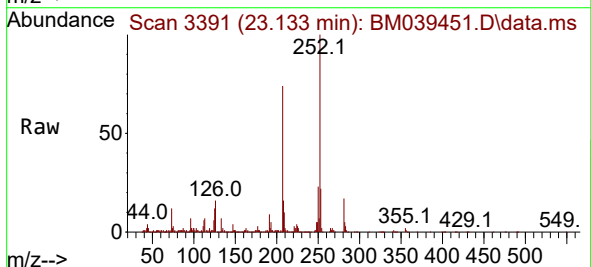
Tgt Ion:252 Resp: 386162

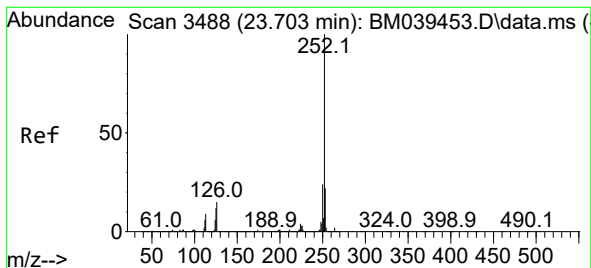
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 11.6 8.6 12.8





#93

Benzo(a)pyrene

Concen: 4.654 ng/ul

RT: 23.703 min Scan# 3488

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Instrument :

BNA_M

ClientSampleId :

SSTD005006

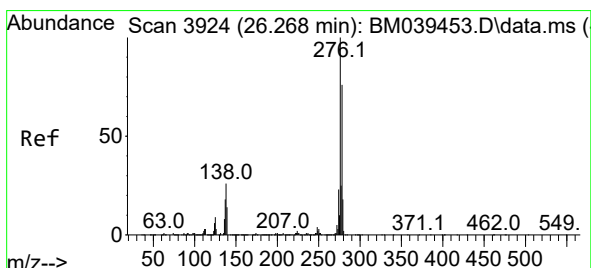
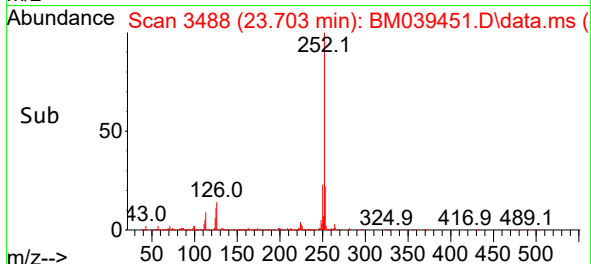
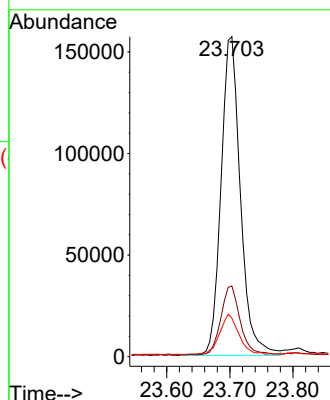
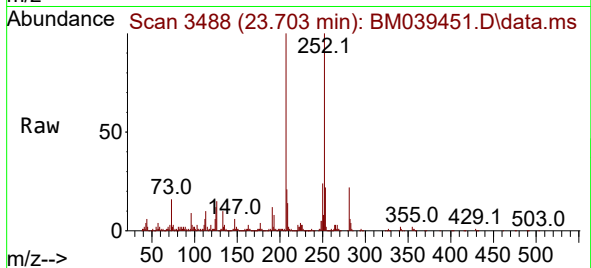
Tgt Ion:252 Resp: 335270

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 12.1 9.4 14.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.583 ng/ul

RT: 26.262 min Scan# 3923

Delta R.T. -0.006 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

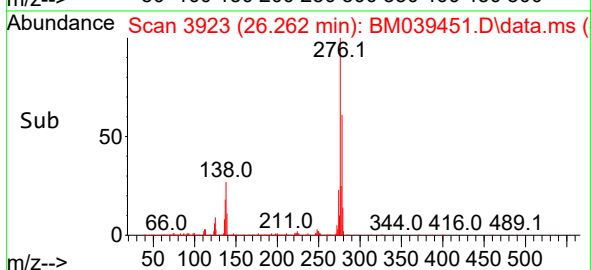
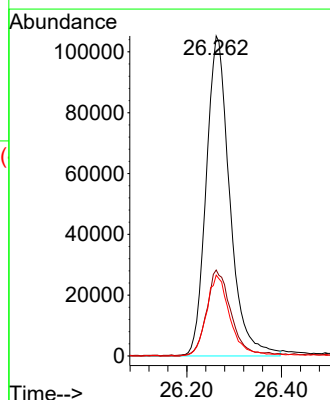
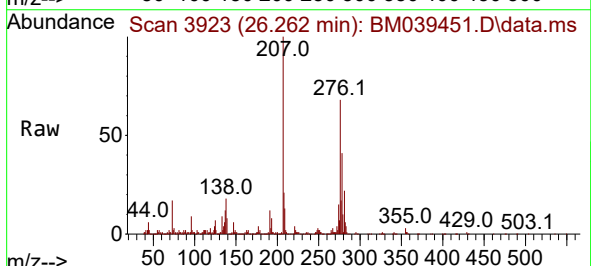
Tgt Ion:276 Resp: 363138

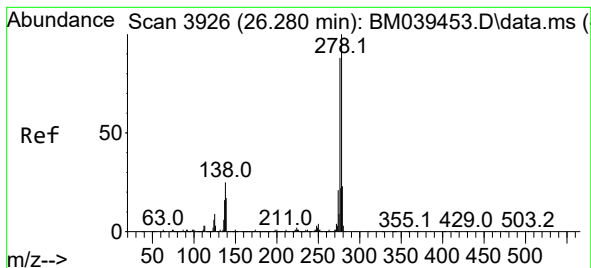
Ion Ratio Lower Upper

276 100

138 26.8 21.2 31.8

277 25.3 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 4.537 ng/ul

RT: 26.279 min Scan# 3926

Delta R.T. -0.000 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Instrument :

BNA_M

ClientSampleId :

SSTD005006

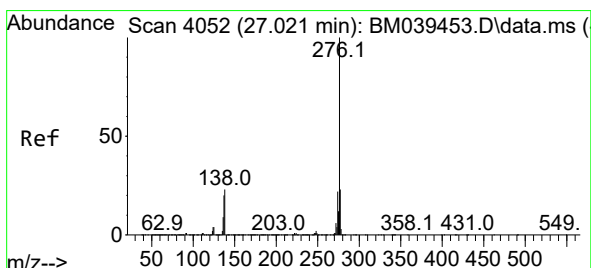
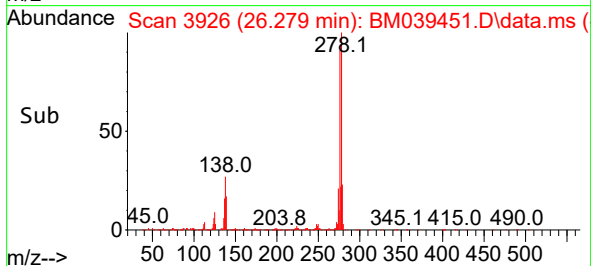
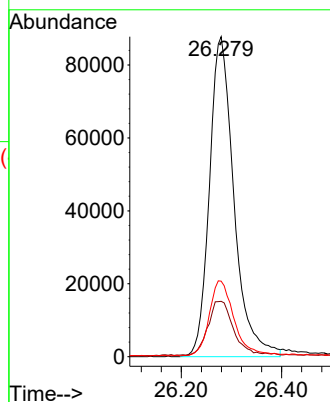
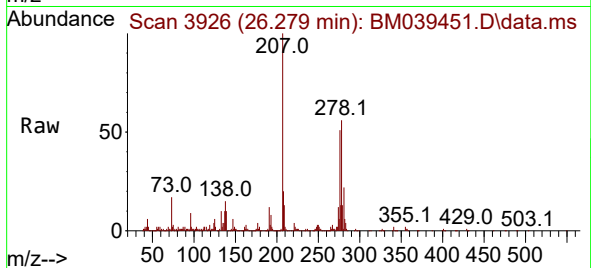
Tgt Ion:278 Resp: 298081

Ion Ratio Lower Upper

278 100

139 17.3 13.5 20.3

279 23.6 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 4.561 ng/ul

RT: 27.015 min Scan# 4051

Delta R.T. -0.006 min

Lab File: BM039451.D

Acq: 18 Apr 2023 10:44

Tgt Ion:276 Resp: 287858

Ion Ratio Lower Upper

276 100

138 24.3 18.7 28.1

277 24.9 18.7 28.1

