

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031723\
 Data File : BM039029.D
 Acq On : 17 Mar 2023 10:50
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 18 01:42:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	350442	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	1375148	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	778308	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	1581716	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1377636	20.000	ng	0.00
86) Perylene-d12	23.980	264	1501347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1812521	78.579	ng	0.00
7) Phenol-d6	7.134	99	2345008	78.270	ng	0.00
23) Nitrobenzene-d5	9.146	82	2238356	79.955	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	709618	78.813	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	4506035	75.368	ng	0.00
79) Terphenyl-d14	19.980	244	5993148	79.538	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	391723	38.174	ng	98
3) Pyridine	3.805	79	1140186	40.064	ng	98
4) n-Nitrosodimethylamine	3.716	42	463260	40.002	ng	99
6) Aniline	7.299	93	1553403	39.488	ng	98
8) 2-Chlorophenol	7.534	128	956060	38.933	ng	99
9) Benzaldehyde	7.110	77	522286	36.633	ng	99
10) Phenol	7.157	94	1240696	38.995	ng	100
11) bis(2-Chloroethyl)ether	7.399	93	1008204	38.975	ng	99
12) 1,3-Dichlorobenzene	7.863	146	1001826	38.388	ng	99
13) 1,4-Dichlorobenzene	8.010	146	1009497	38.035	ng	98
14) 1,2-Dichlorobenzene	8.328	146	973283	38.069	ng	99
15) Benzyl Alcohol	8.216	79	872639	40.636	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.510	45	1346500	41.216	ng	99
17) 2-Methylphenol	8.416	107	861476	39.416	ng	100
18) Hexachloroethane	9.063	117	385705	39.387	ng	97
19) n-Nitroso-di-n-propyla...	8.793	70	798417	42.309	ng	99
20) 3+4-Methylphenols	8.751	107	1158487	39.697	ng	100
22) Acetophenone	8.804	105	1481306	38.394	ng	# 99
24) Nitrobenzene	9.187	77	1163207	39.532	ng	100
25) Isophorone	9.716	82	2136418	41.470	ng	100
26) 2-Nitrophenol	9.898	139	502279	39.241	ng	99
27) 2,4-Dimethylphenol	9.957	122	884344	39.397	ng	100
28) bis(2-Chloroethoxy)met...	10.198	93	1320781	39.901	ng	100
29) 2,4-Dichlorophenol	10.434	162	840886	39.512	ng	100
30) 1,2,4-Trichlorobenzene	10.651	180	862956	37.107	ng	99
31) Naphthalene	10.840	128	2970806	37.886	ng	99
32) Benzoic acid	10.087	122	661463	41.099	ng	99
33) 4-Chloroaniline	10.951	127	1316193	39.387	ng	99
34) Hexachlorobutadiene	11.128	225	501041	37.570	ng	98
35) Caprolactam	11.740	113	275710	42.566	ng	95
36) 4-Chloro-3-methylphenol	12.069	107	925388	40.835	ng	99
37) 2-Methylnaphthalene	12.445	142	2041162	38.837	ng	99
38) 1-Methylnaphthalene	12.663	142	1916850	38.919	ng	99
40) 1,2,4,5-Tetrachloroben...	12.810	216	916442	36.220	ng	100
41) Hexachlorocyclopentadiene	12.792	237	548227	39.473	ng	98
43) 2,4,6-Trichlorophenol	13.051	196	639614	39.037	ng	99

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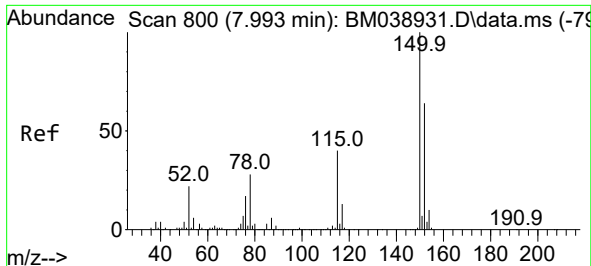
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	748160	39.011	ng	99
46) 1,1'-Biphenyl	13.451	154	2493081	37.810	ng	99
47) 2-Chloronaphthalene	13.492	162	1856947	37.348	ng	99
48) 2-Nitroaniline	13.698	65	645653	40.902	ng	99
49) Acenaphthylene	14.339	152	3077784	38.862	ng	100
50) Dimethylphthalate	14.075	163	2381572	39.766	ng	100
51) 2,6-Dinitrotoluene	14.192	165	512231	38.963	ng	97
52) Acenaphthene	14.680	154	1863236	38.281	ng	99
53) 3-Nitroaniline	14.522	138	606325	39.452	ng	96
54) 2,4-Dinitrophenol	14.722	184	297185	41.695	ng	98
55) Dibenzofuran	15.016	168	2901710	38.098	ng	100
56) 4-Nitrophenol	14.816	139	493240	41.468	ng	95
57) 2,4-Dinitrotoluene	14.975	165	686712	39.768	ng	95
58) Fluorene	15.663	166	2330763	39.066	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	584647	39.528	ng	98
60) Diethylphthalate	15.433	149	2425338	41.620	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	1138365	38.838	ng	99
62) 4-Nitroaniline	15.680	138	629012	40.207	ng	99
63) Azobenzene	15.945	77	2604846	42.245	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	396477	39.187	ng	97
66) n-Nitrosodiphenylamine	15.869	169	2009114	37.678	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	653167	38.232	ng	98
68) Hexachlorobenzene	16.663	284	693855	36.330	ng	96
69) Atrazine	16.822	200	604023	41.471	ng	99
70) Pentachlorophenol	17.004	266	540868	38.504	ng	99
71) Phenanthrene	17.404	178	3476700	37.451	ng	100
72) Anthracene	17.492	178	3567332	38.534	ng	100
73) Carbazole	17.763	167	3283170	38.858	ng	99
74) Di-n-butylphthalate	18.327	149	4279464	41.769	ng	100
75) Fluoranthene	19.415	202	3853043	39.310	ng	99
77) Benzidine	19.598	184	1285489	41.654	ng	99
78) Pyrene	19.780	202	4059676	39.235	ng	100
80) Butylbenzylphthalate	20.674	149	1860960	42.692	ng	96
81) Benzo(a)anthracene	21.527	228	3918672	39.499	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	1322755	43.382	ng	99
83) Chrysene	21.580	228	3722062	38.574	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	2803140	44.269	ng	99
85) Di-n-octyl phthalate	22.392	149	4708435	44.871	ng	99
87) Indeno(1,2,3-cd)pyrene	26.521	276	4444667	38.906	ng	99
88) Benzo(b)fluoranthene	23.239	252	3704242	38.620	ng	100
89) Benzo(k)fluoranthene	23.286	252	3758218	37.650	ng	99
90) Benzo(a)pyrene	23.874	252	3619774	39.213	ng	100
91) Dibenzo(a,h)anthracene	26.544	278	3731658	38.571	ng	98
92) Benzo(g,h,i)perylene	27.309	276	3626202	38.310	ng	98

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

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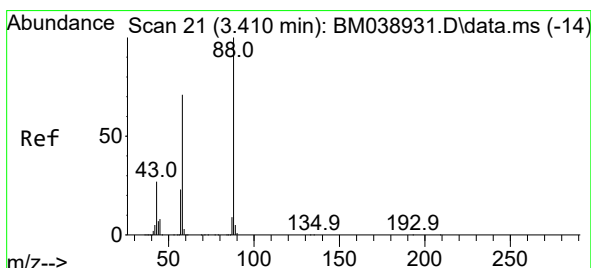
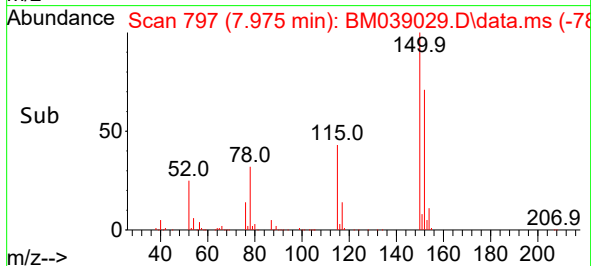
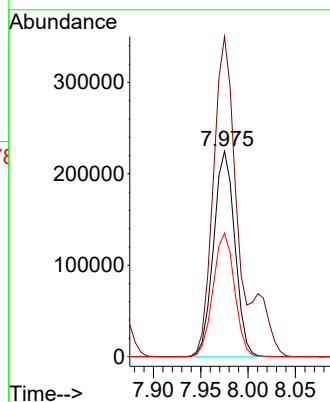
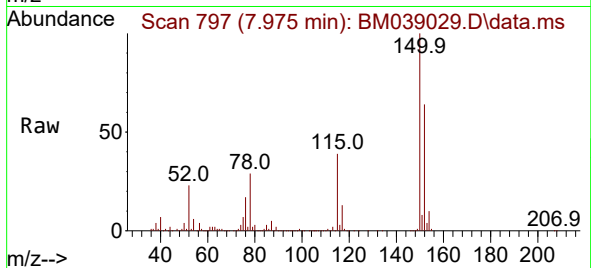




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

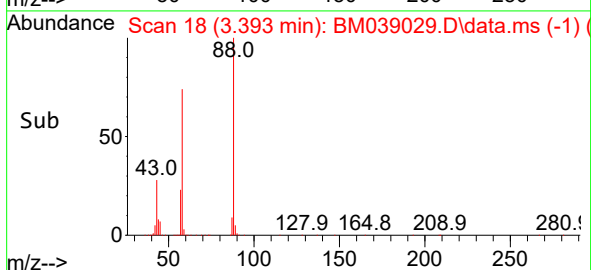
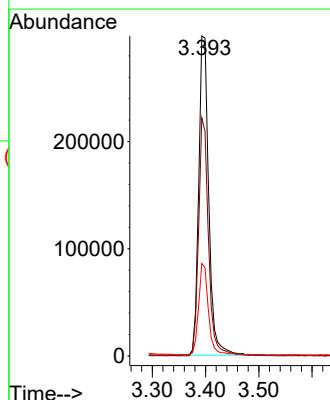
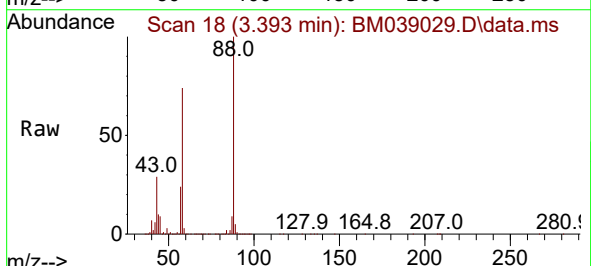
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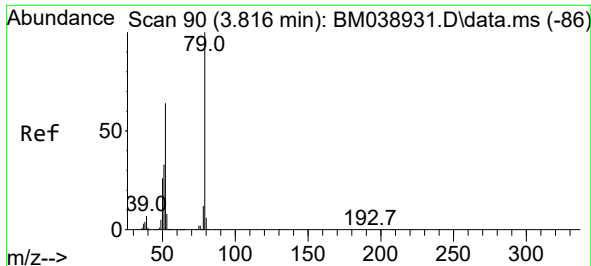
Tgt Ion:152 Resp: 350442
Ion Ratio Lower Upper
152 100
150 155.8 125.1 187.7
115 60.2 49.6 74.4



#2
1,4-Dioxane
Concen: 38.174 ng
RT: 3.393 min Scan# 18
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion: 88 Resp: 391723
Ion Ratio Lower Upper
88 100
58 73.2 57.2 85.8
43 28.1 22.0 33.0

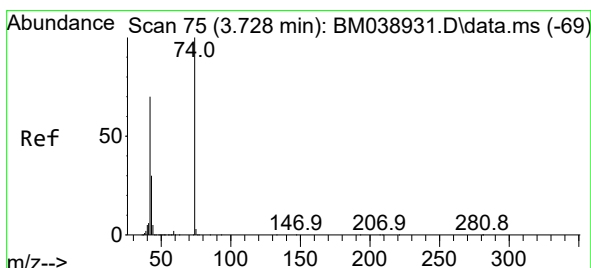
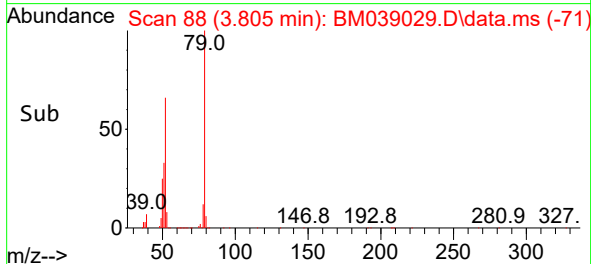
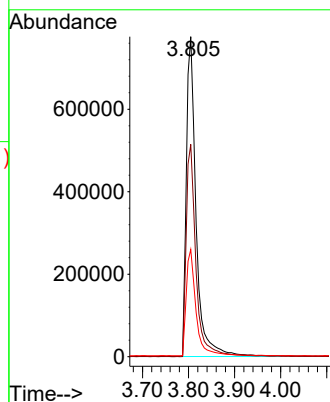
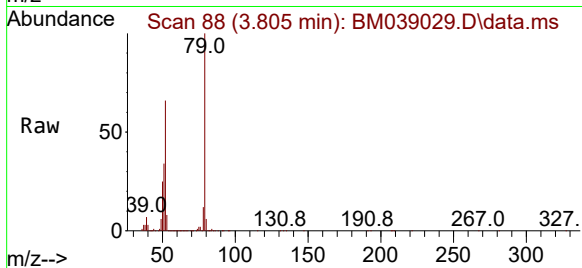




#3
 Pyridine
 Concen: 40.064 ng
 RT: 3.805 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM039029.D
 Acq: 17 Mar 2023 10:50

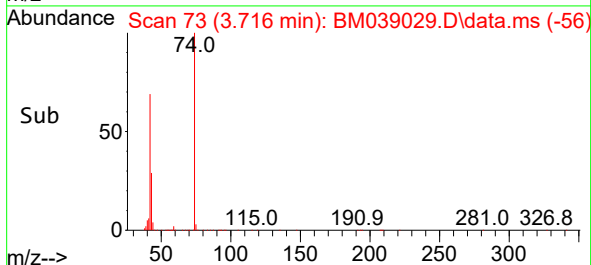
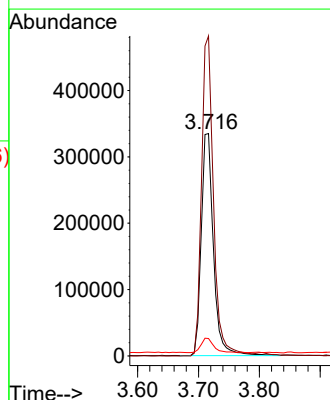
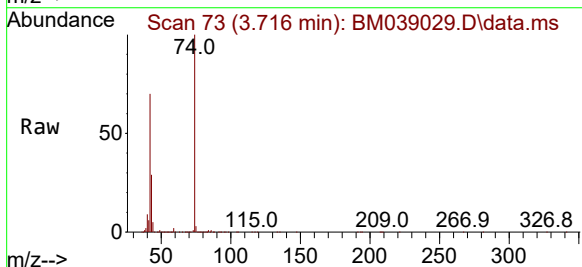
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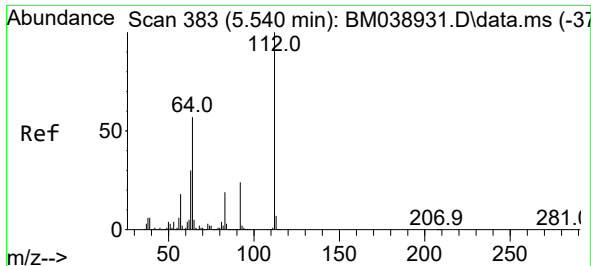
Tgt Ion: 79 Resp: 1140186
 Ion Ratio Lower Upper
 79 100
 52 66.4 51.4 77.2
 51 33.5 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 40.002 ng
 RT: 3.716 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: BM039029.D
 Acq: 17 Mar 2023 10:50

Tgt Ion: 42 Resp: 463260
 Ion Ratio Lower Upper
 42 100
 74 143.8 113.8 170.8
 44 7.9 6.2 9.2

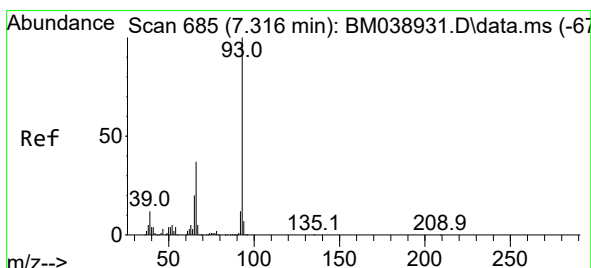
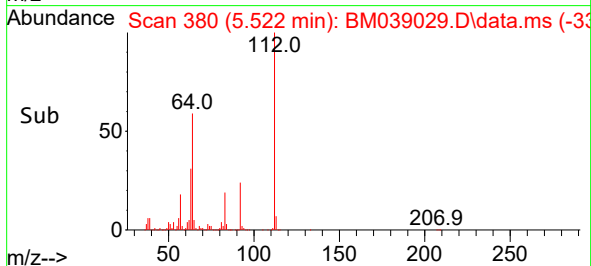
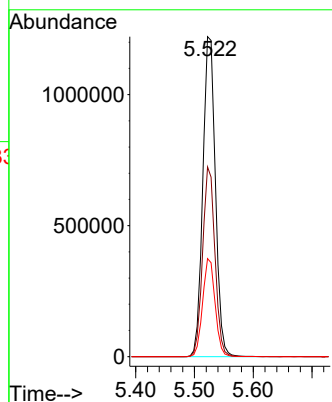
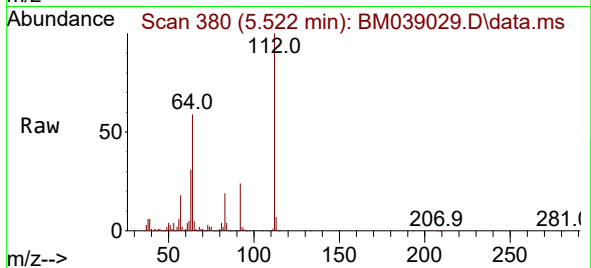




#5
2-Fluorophenol
Concen: 78.579 ng
RT: 5.522 min Scan# 380
Delta R.T. -0.006 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

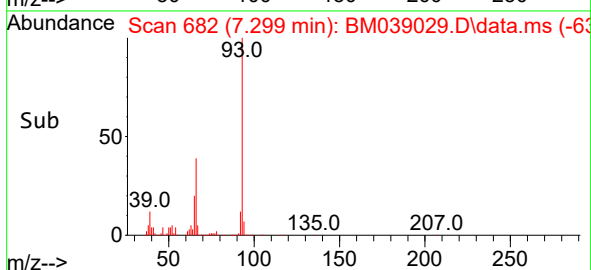
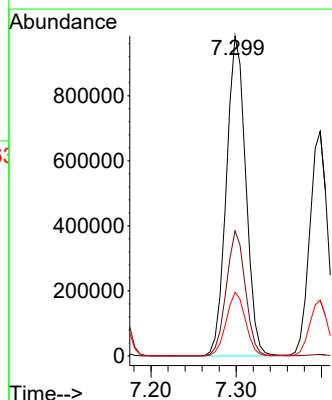
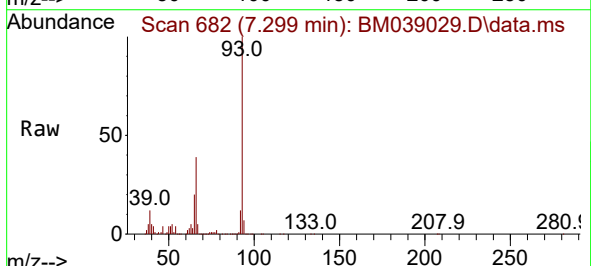
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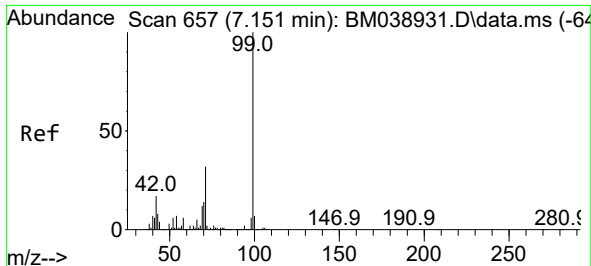
Tgt Ion:112 Resp: 1812521
Ion Ratio Lower Upper
112 100
64 59.3 45.9 68.9
63 30.6 23.8 35.8



#6
Aniline
Concen: 39.488 ng
RT: 7.299 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion: 93 Resp: 1553403
Ion Ratio Lower Upper
93 100
66 39.1 30.0 45.0
65 19.9 15.8 23.6

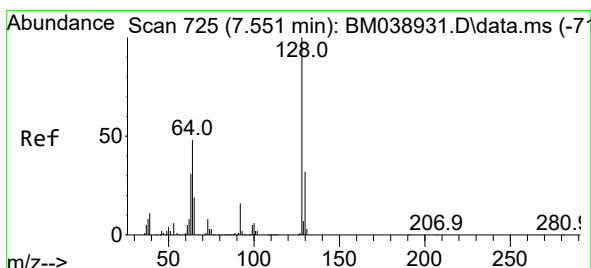
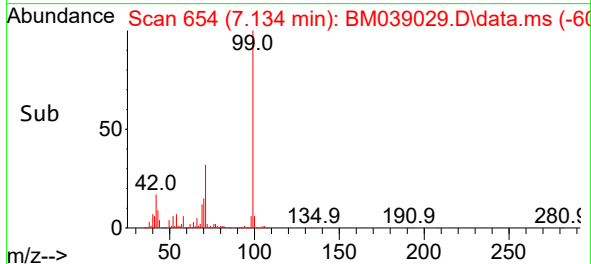
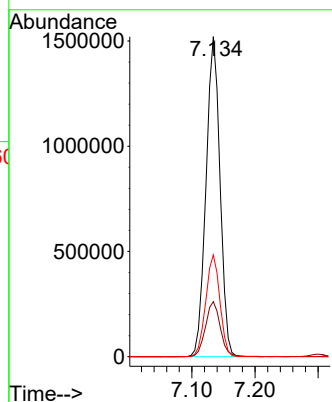
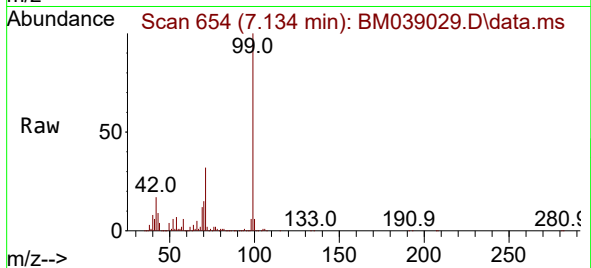




#7
Phenol-d6
Concen: 78.270 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

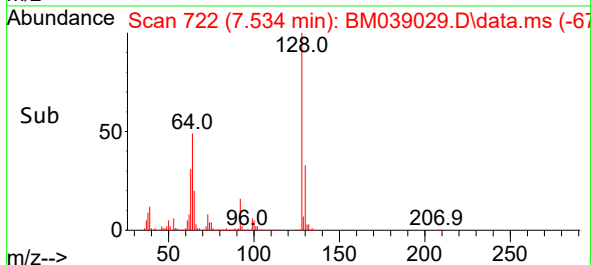
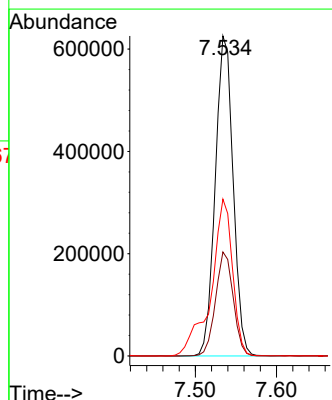
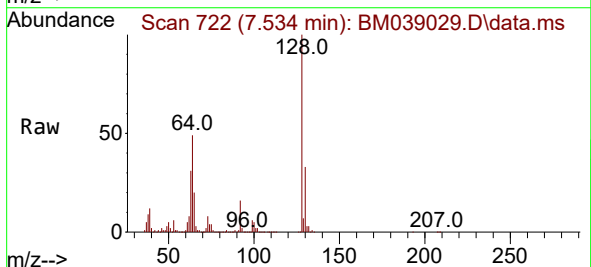
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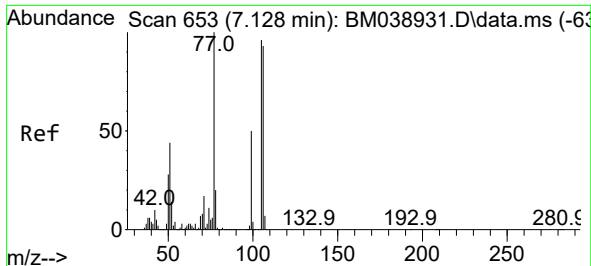
Tgt Ion: 99 Resp: 2345008
Ion Ratio Lower Upper
99 100
42 17.2 13.5 20.3
71 31.8 25.6 38.4



#8
2-Chlorophenol
Concen: 38.933 ng
RT: 7.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion:128 Resp: 956060
Ion Ratio Lower Upper
128 100
130 32.5 11.9 51.9
64 49.0 28.6 68.6

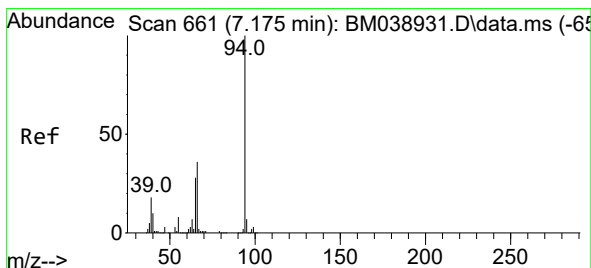
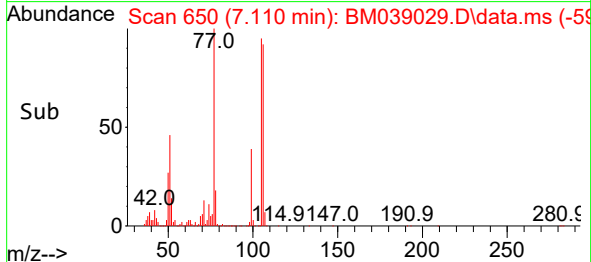
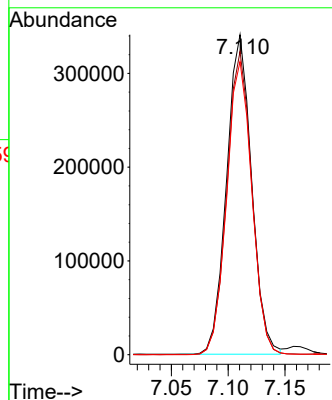
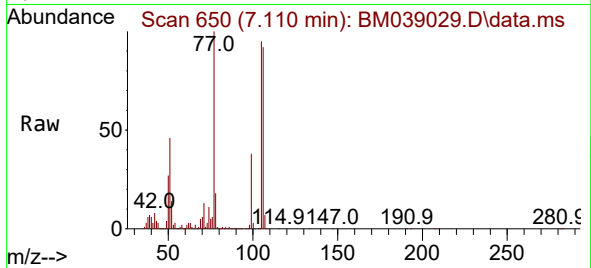




#9
Benzaldehyde
Concen: 36.633 ng
RT: 7.110 min Scan# 653
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

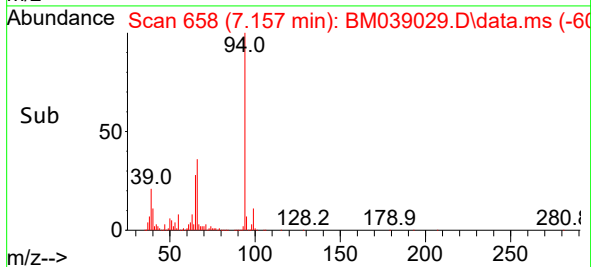
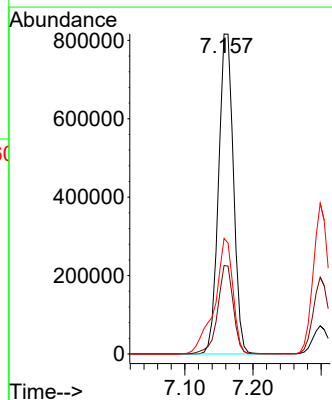
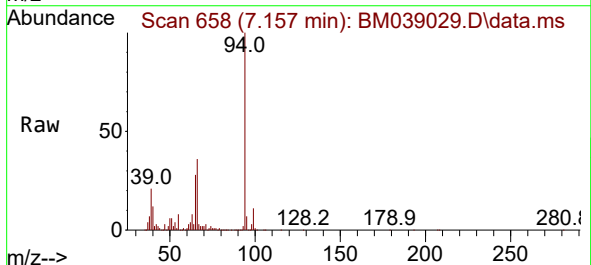
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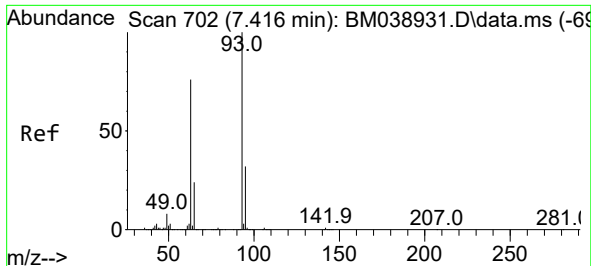
Tgt Ion: 77 Resp: 522286
Ion Ratio Lower Upper
77 100
105 94.7 75.8 115.8
106 91.6 72.6 112.6



#10
Phenol
Concen: 38.995 ng
RT: 7.157 min Scan# 658
Delta R.T. -0.006 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion: 94 Resp: 1240696
Ion Ratio Lower Upper
94 100
65 27.7 7.9 47.9
66 36.1 15.8 55.8



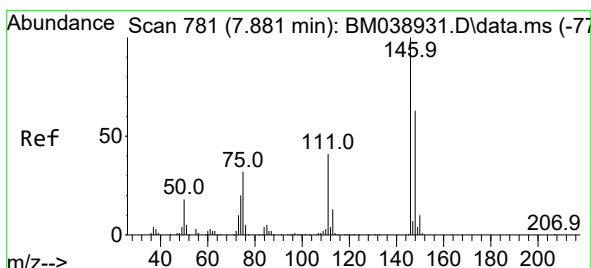
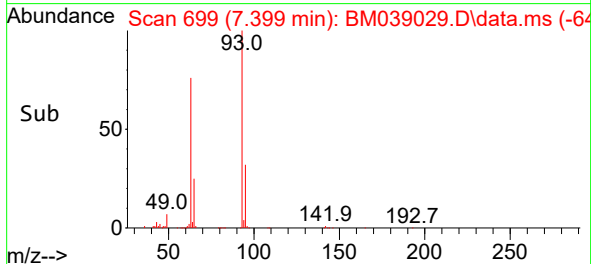
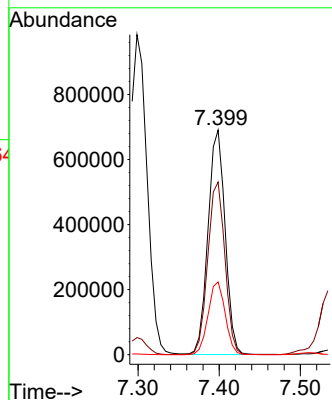
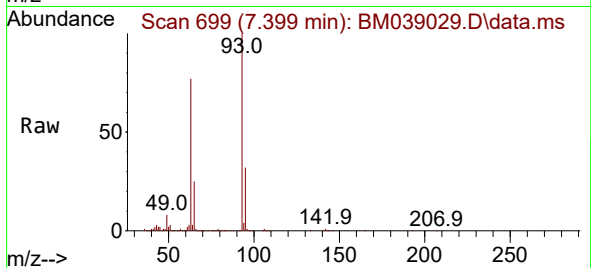


#11
bis(2-Chloroethyl)ether
Concen: 38.975 ng
RT: 7.399 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 1008204

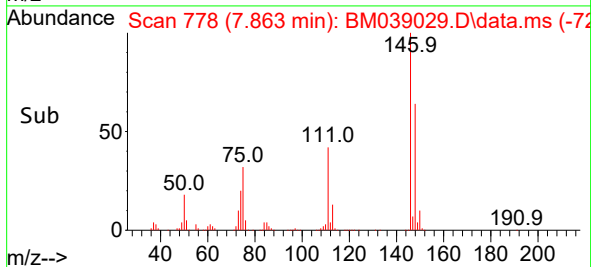
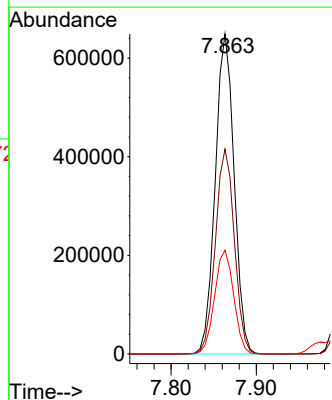
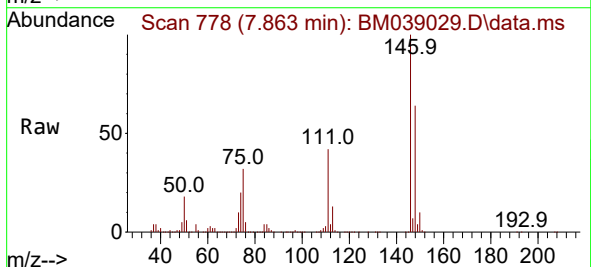
Ion	Ratio	Lower	Upper
93	100		
63	76.8	55.8	95.8
95	32.4	12.2	52.2

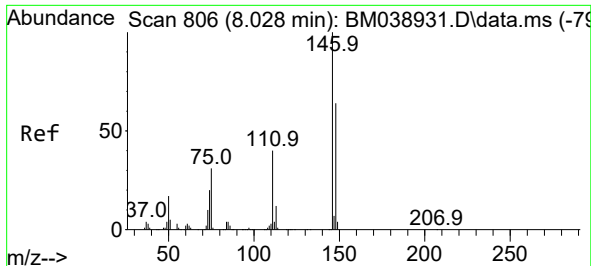


#12
1,3-Dichlorobenzene
Concen: 38.388 ng
RT: 7.863 min Scan# 778
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion: 146 Resp: 1001826

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
75	32.4	26.0	39.0

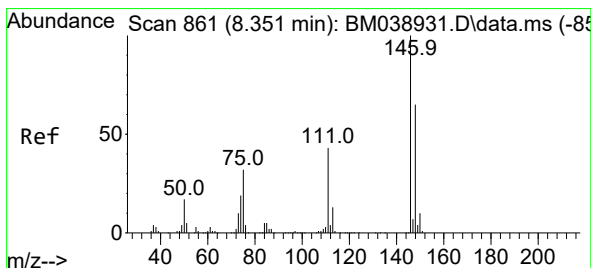
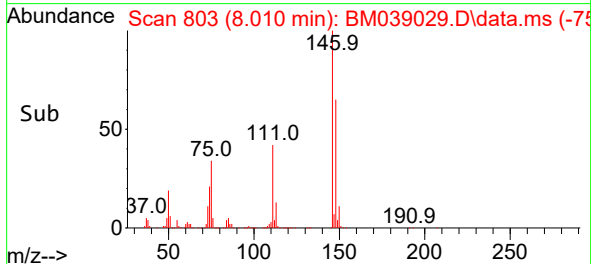
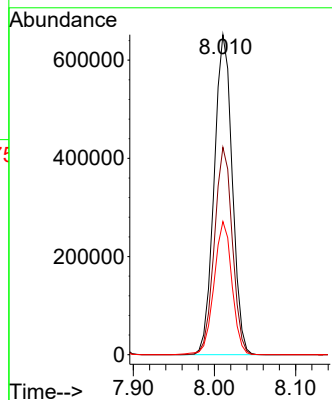
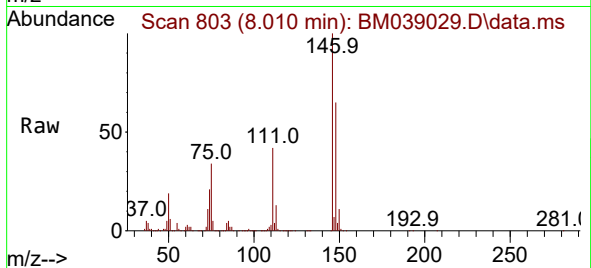




#13
1,4-Dichlorobenzene
Concen: 38.035 ng
RT: 8.010 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

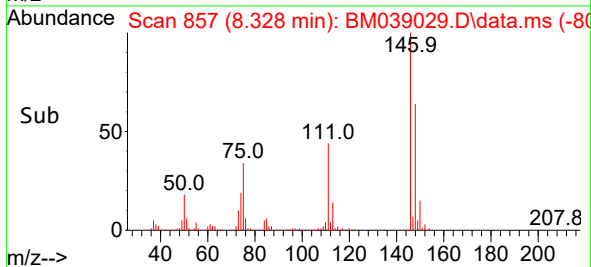
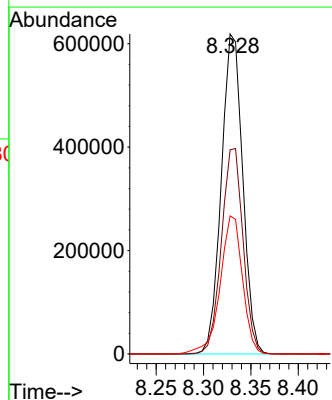
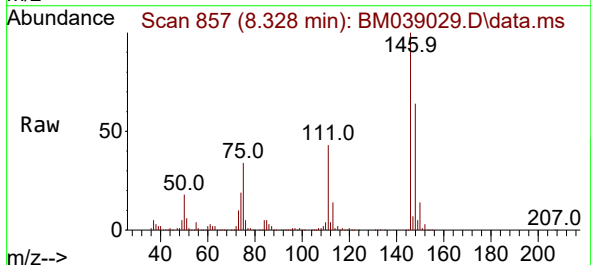
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

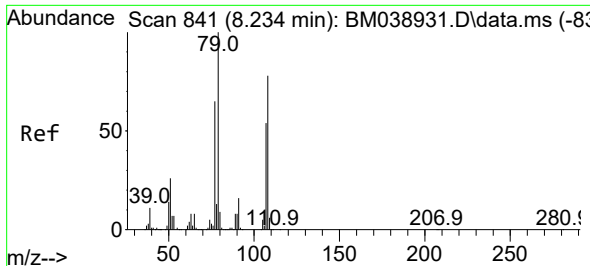
Tgt Ion:146 Resp: 1009497
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
111 41.6 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 38.069 ng
RT: 8.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion:146 Resp: 973283
Ion Ratio Lower Upper
146 100
148 63.8 51.7 77.5
111 43.1 34.2 51.4

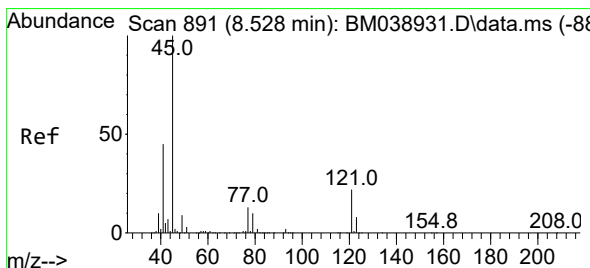
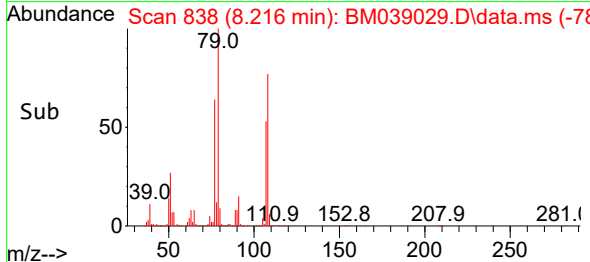
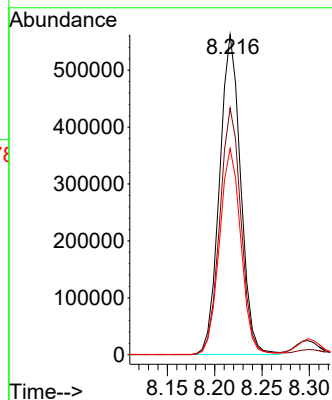
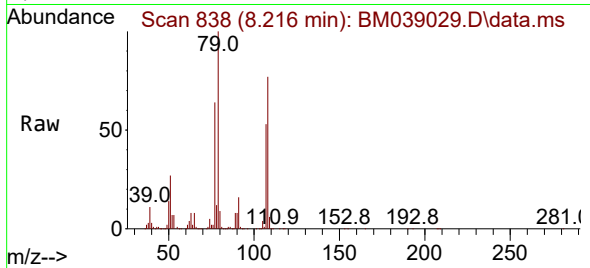




#15
Benzyl Alcohol
Concen: 40.636 ng
RT: 8.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

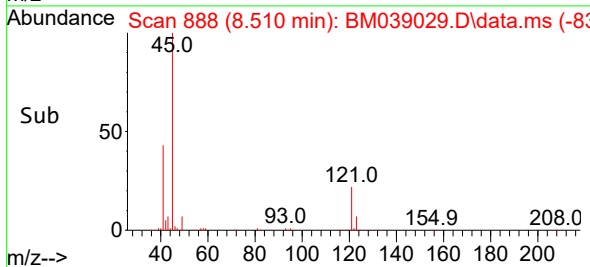
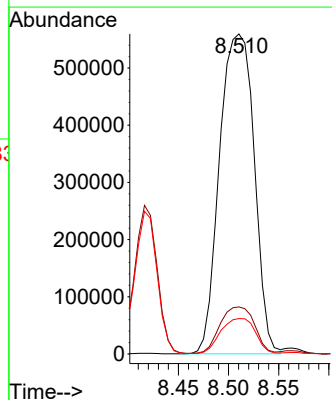
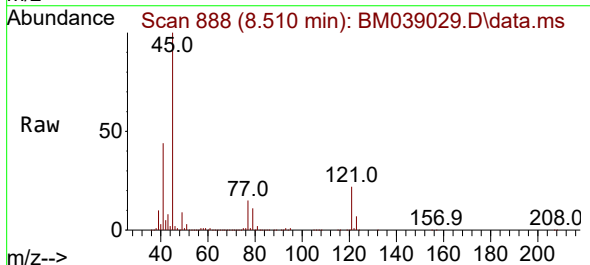
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

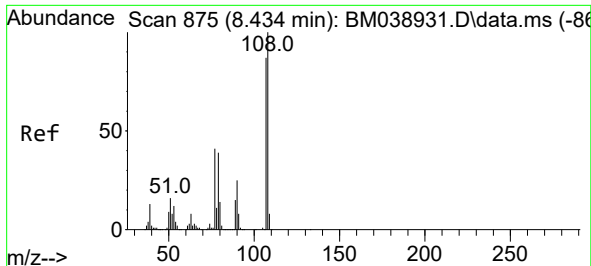
Tgt Ion: 79 Resp: 872639
Ion Ratio Lower Upper
79 100
108 77.0 62.4 93.6
77 64.4 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.216 ng
RT: 8.510 min Scan# 888
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion: 45 Resp: 1346500
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.8
79 11.0 0.0 31.5



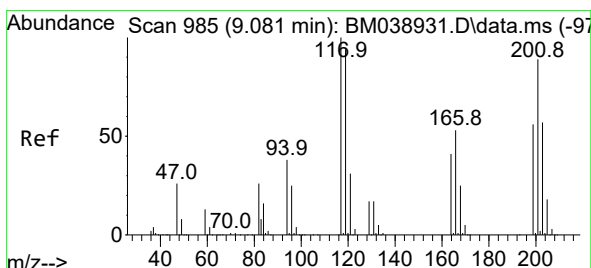
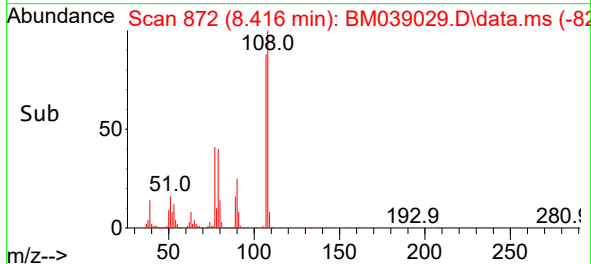
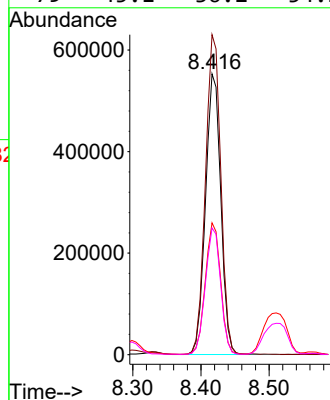
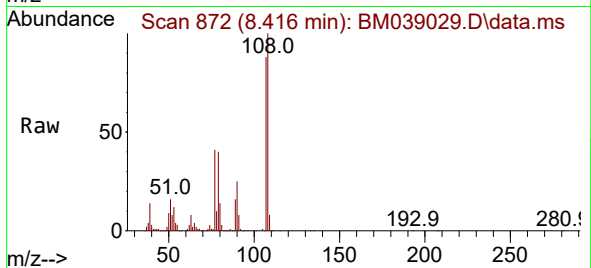


#17
2-Methylphenol
Concen: 39.416 ng
RT: 8.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 861476

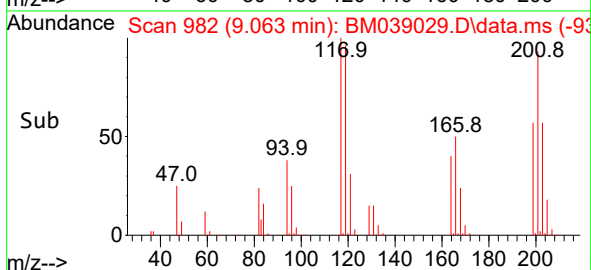
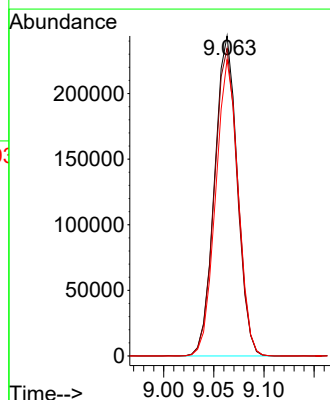
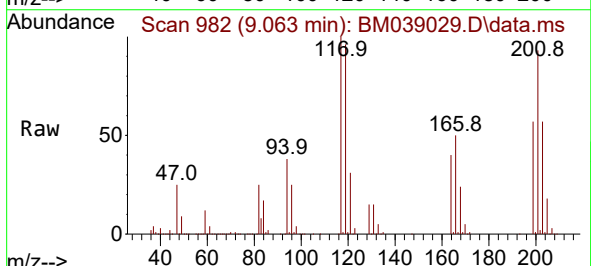
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.7	137.5
77	47.0	37.4	56.2
79	45.1	36.2	54.2

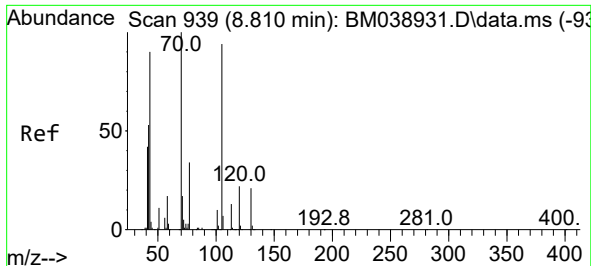


#18
Hexachloroethane
Concen: 39.387 ng
RT: 9.063 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion:117 Resp: 385705

Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.4	113.0
201	92.7	71.3	106.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.309 ng

RT: 8.793 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 798417

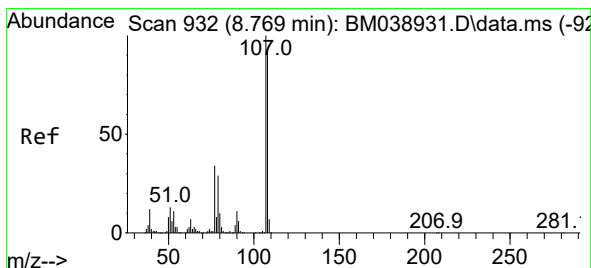
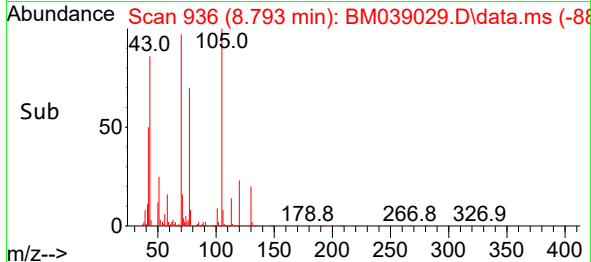
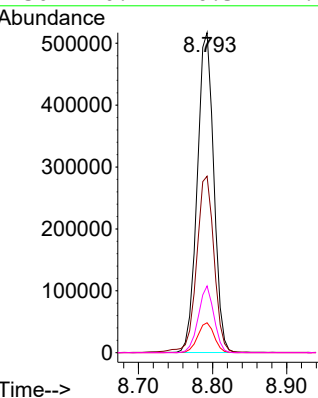
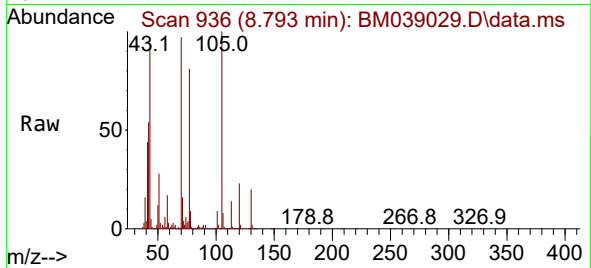
Ion Ratio Lower Upper

70 100

42 55.1 43.4 65.2

101 9.3 7.6 11.4

130 20.9 16.5 24.7



#20

3+4-Methylphenols

Concen: 39.697 ng

RT: 8.751 min Scan# 929

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Tgt Ion: 107 Resp: 1158487

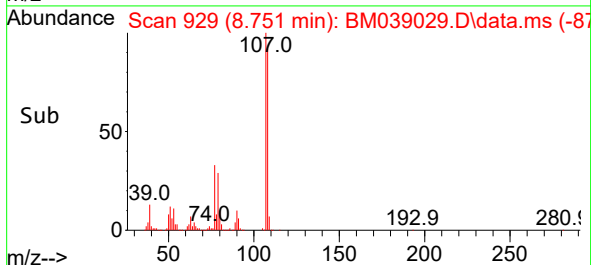
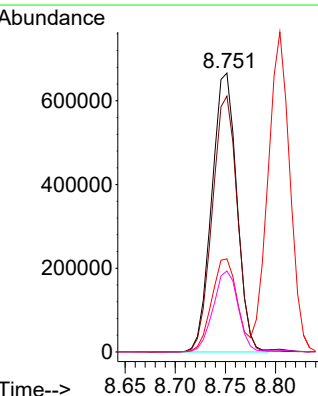
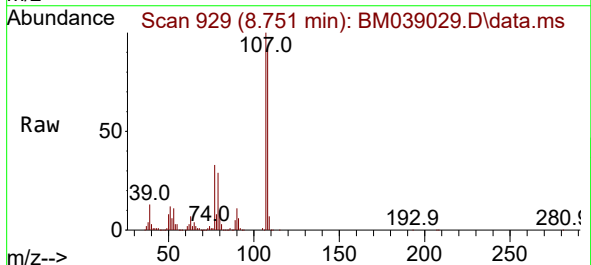
Ion Ratio Lower Upper

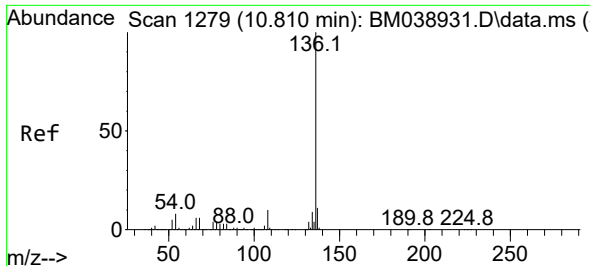
107 100

108 91.7 71.8 111.8

77 33.4 13.6 53.6

79 29.0 9.2 49.2

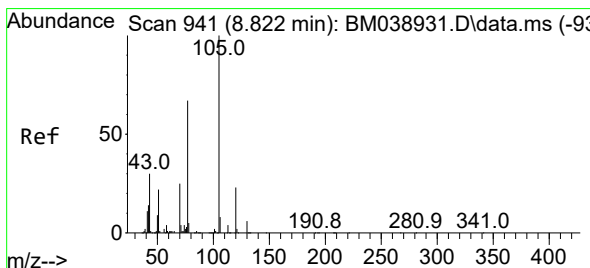
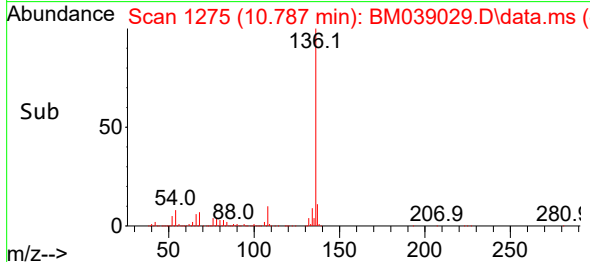
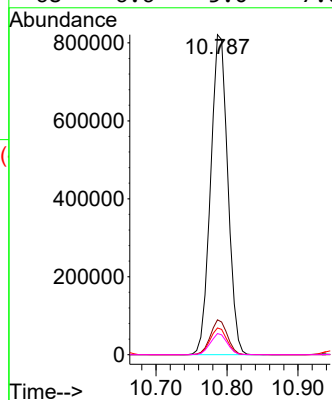
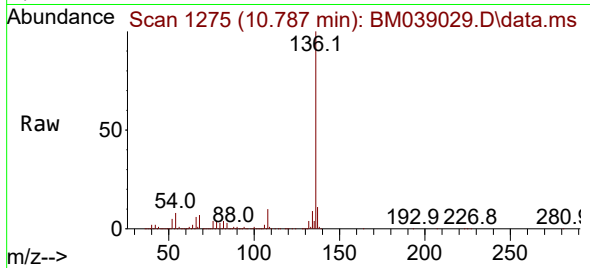




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

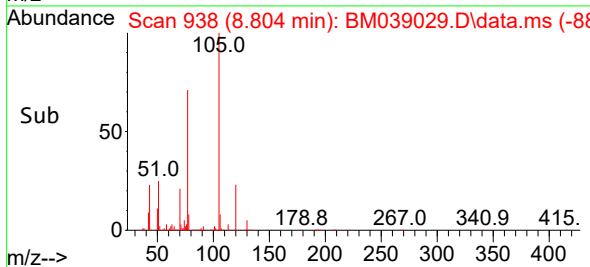
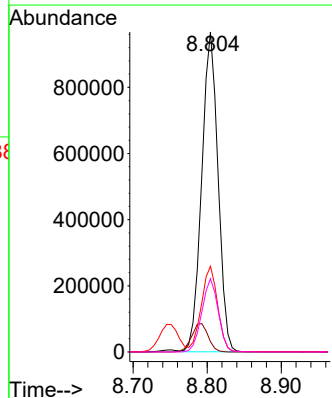
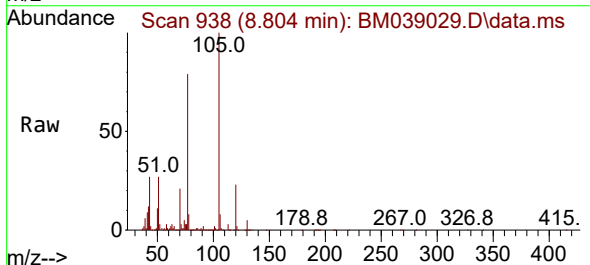
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

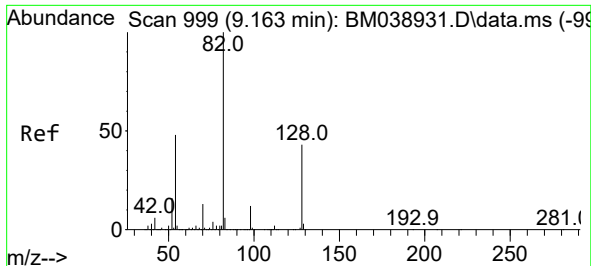
Tgt Ion:136 Resp: 1375148
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.4 6.3 9.5
68 6.6 5.0 7.6



#22
Acetophenone
Concen: 38.394 ng
RT: 8.804 min Scan# 938
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion:105 Resp: 1481306
Ion Ratio Lower Upper
105 100
71 3.2 3.4 5.0#
51 26.8 21.0 31.4
120 22.9 18.1 27.1

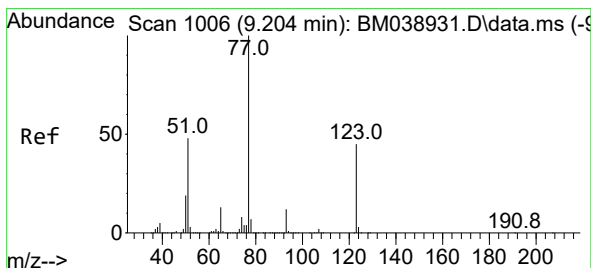
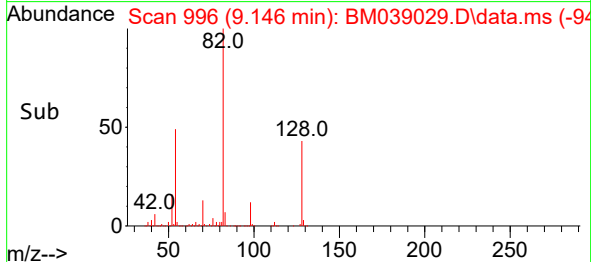
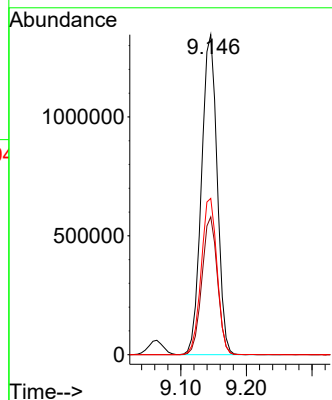
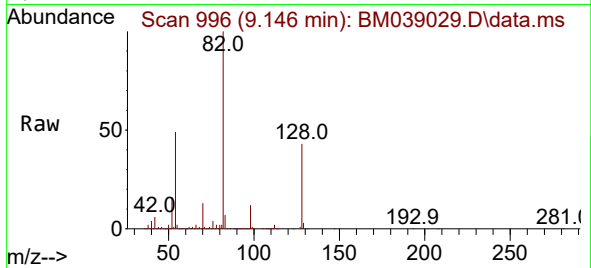




#23
Nitrobenzene-d5
Concen: 79.955 ng
RT: 9.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

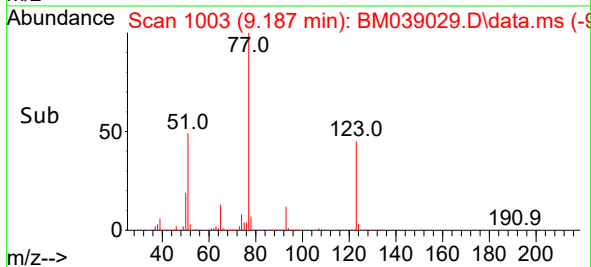
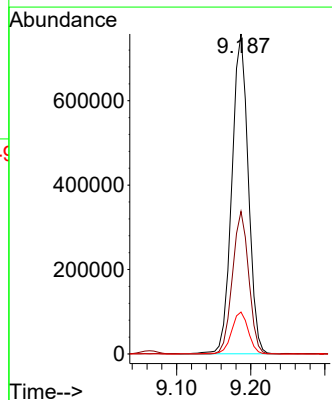
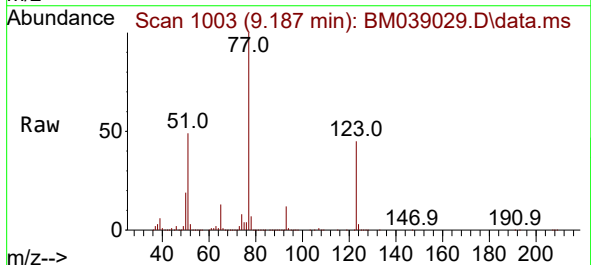
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

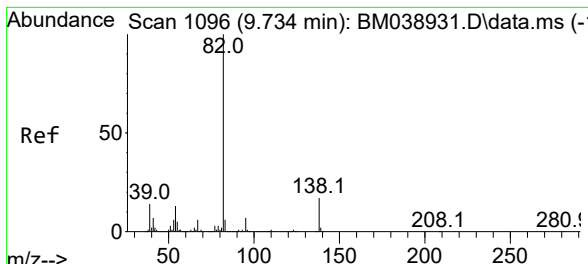
Tgt Ion: 82 Resp: 2238356
Ion Ratio Lower Upper
82 100
128 43.0 34.4 51.6
54 48.9 38.8 58.2



#24
Nitrobenzene
Concen: 39.532 ng
RT: 9.187 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion: 77 Resp: 1163207
Ion Ratio Lower Upper
77 100
123 44.6 35.8 53.6
65 13.1 10.2 15.4

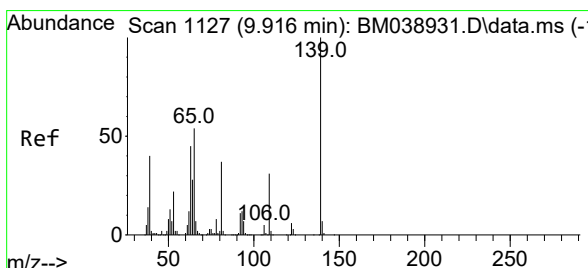
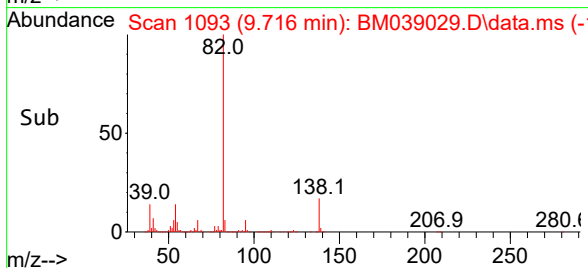
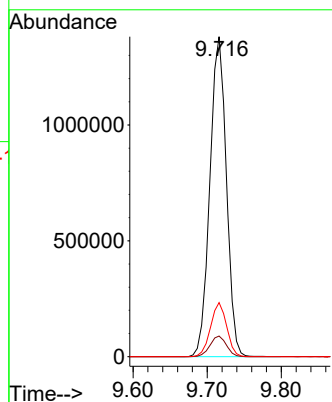
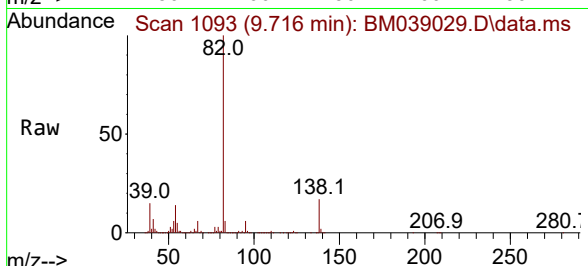




#25
Isophorone
Concen: 41.470 ng
RT: 9.716 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

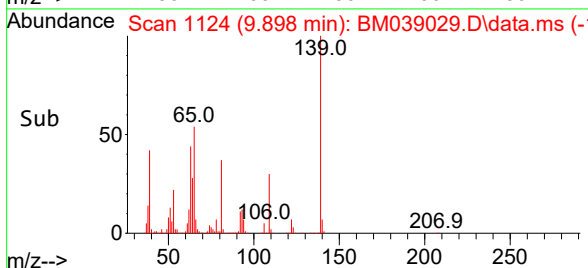
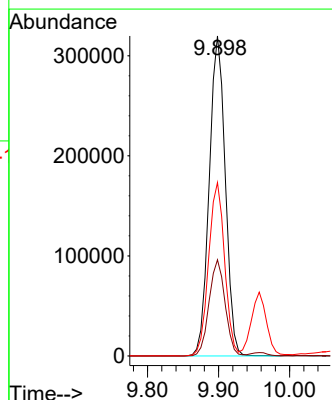
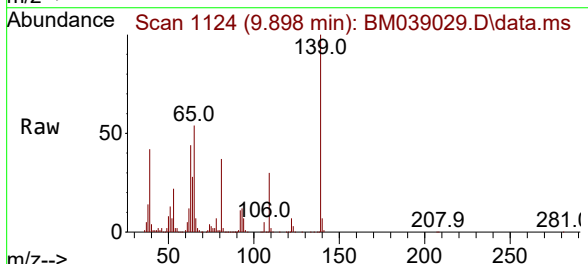
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

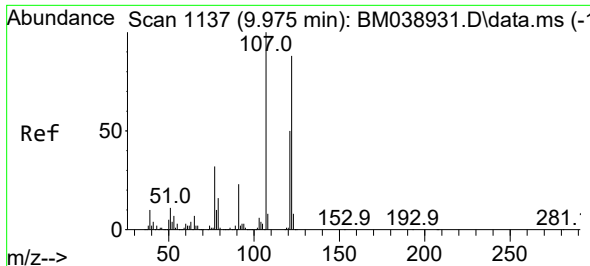
Tgt Ion: 82 Resp: 2136418
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 16.9 13.6 20.4



#26
2-Nitrophenol
Concen: 39.241 ng
RT: 9.898 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion: 139 Resp: 502279
Ion Ratio Lower Upper
139 100
109 30.1 24.5 36.7
65 54.2 43.0 64.6

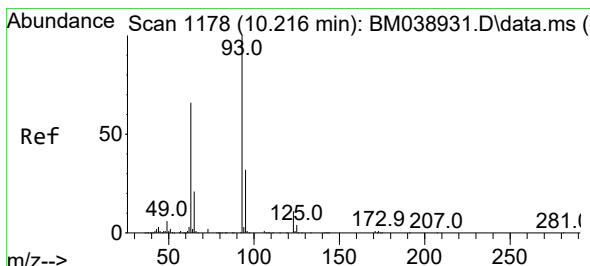
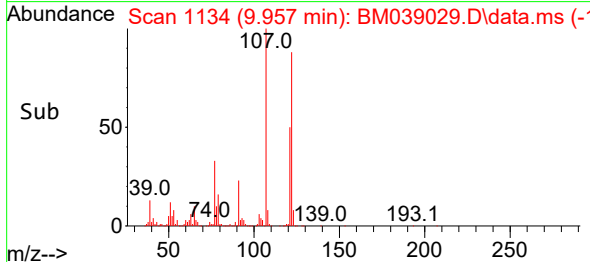
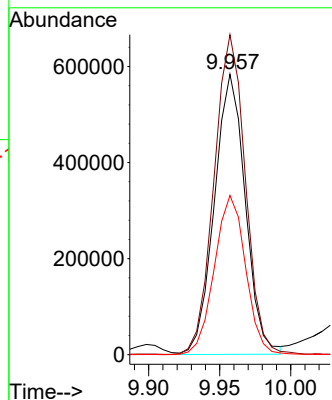
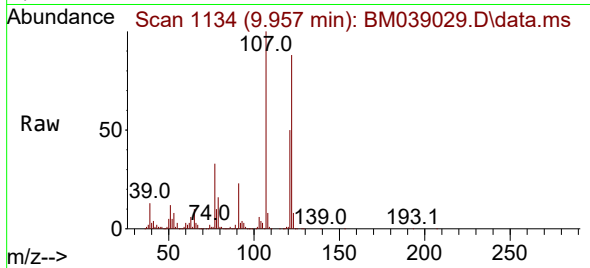




#27
2,4-Dimethylphenol
Concen: 39.397 ng
RT: 9.957 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

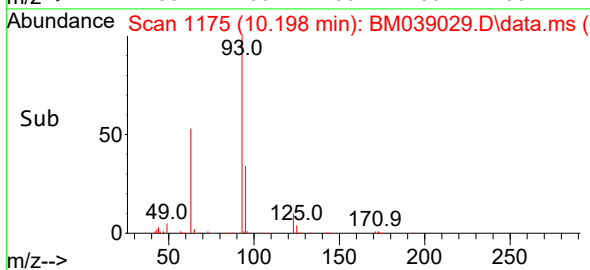
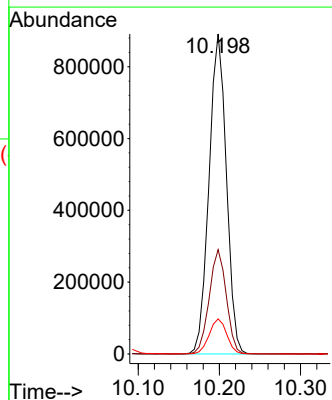
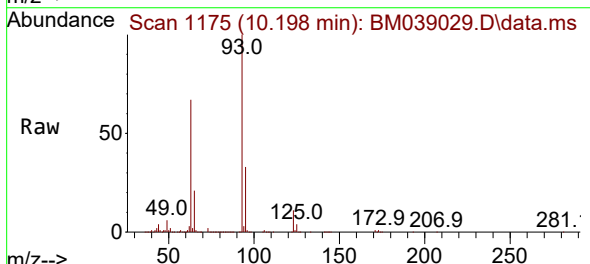
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

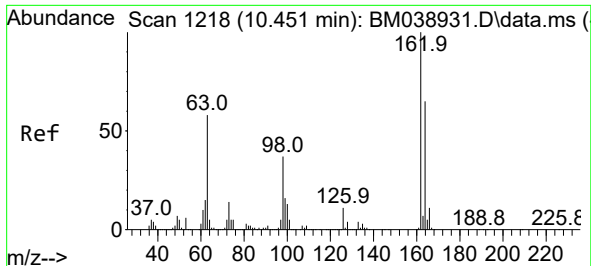
Tgt Ion:122 Resp: 884344
Ion Ratio Lower Upper
122 100
107 114.1 91.0 136.4
121 56.8 45.1 67.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.901 ng
RT: 10.198 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion: 93 Resp: 1320781
Ion Ratio Lower Upper
93 100
95 32.6 25.9 38.9
123 10.9 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 39.512 ng

RT: 10.434 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

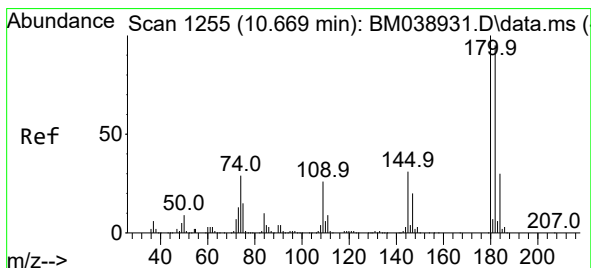
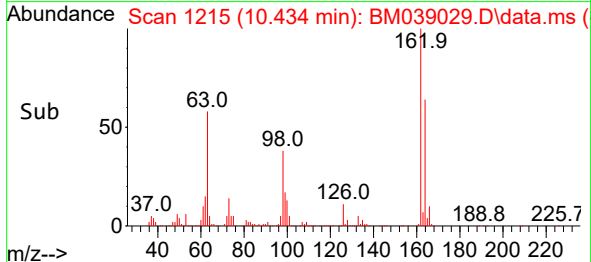
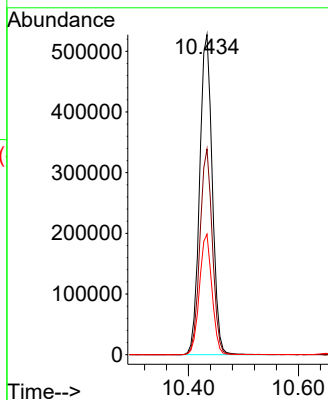
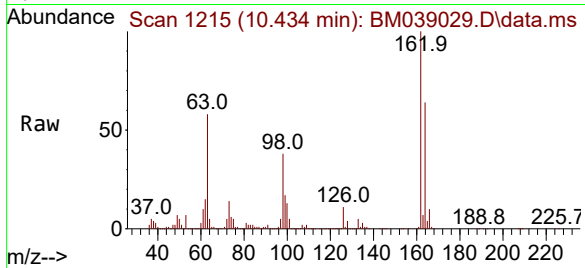
Tgt Ion:162 Resp: 840886

Ion Ratio Lower Upper

162 100

164 64.2 44.6 84.6

98 37.7 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 37.107 ng

RT: 10.651 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

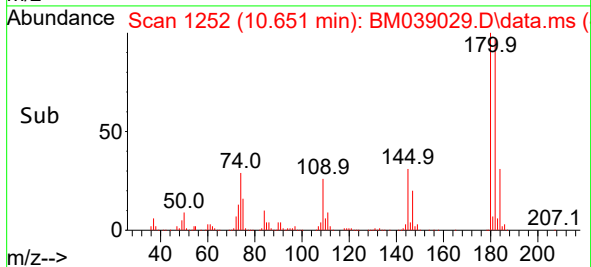
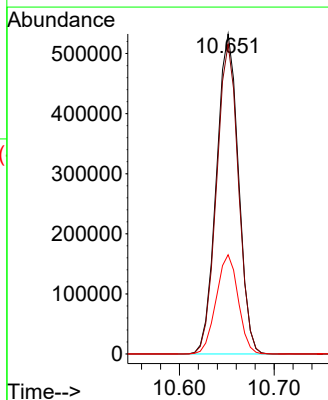
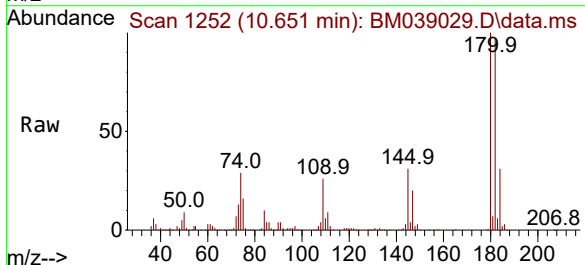
Tgt Ion:180 Resp: 862956

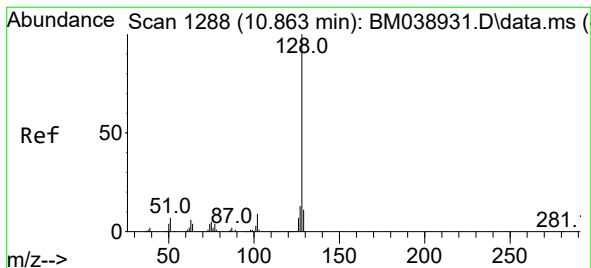
Ion Ratio Lower Upper

180 100

182 96.8 76.3 114.5

145 31.0 25.0 37.4

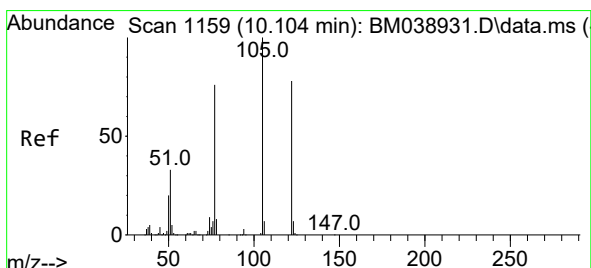
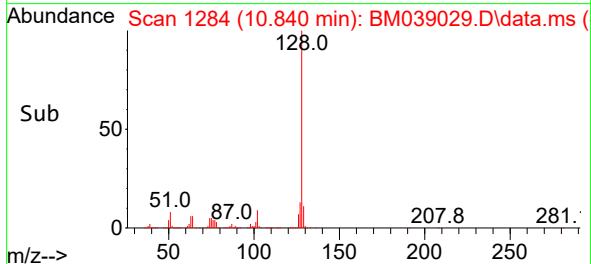
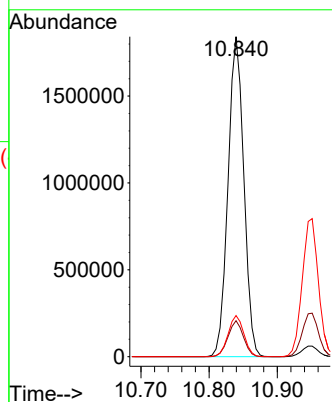
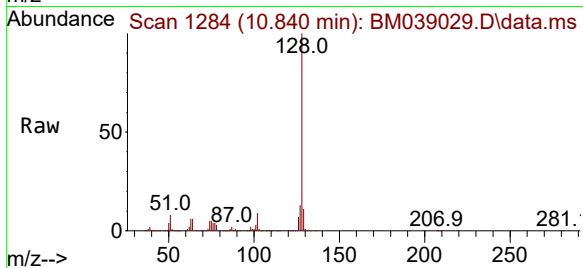




#31
Naphthalene
Concen: 37.886 ng
RT: 10.840 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

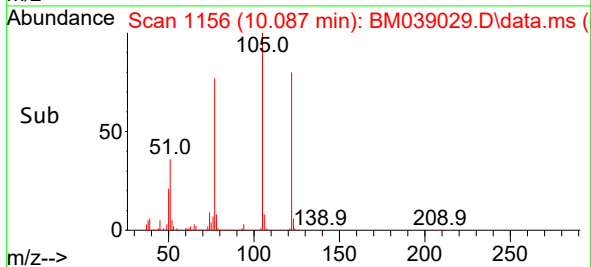
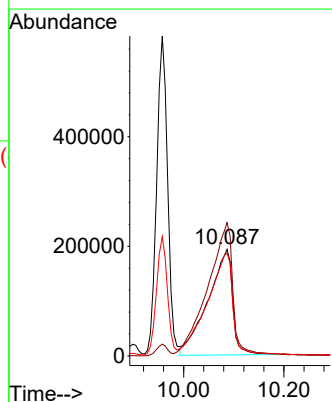
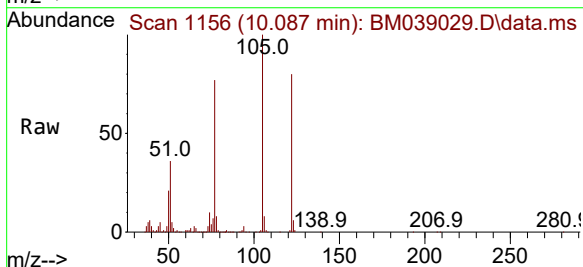
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

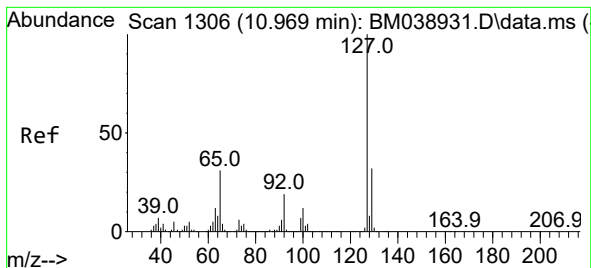
Tgt Ion:128 Resp: 2970806
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 41.099 ng
RT: 10.087 min Scan# 1156
Delta R.T. -0.011 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion:122 Resp: 661463
Ion Ratio Lower Upper
122 100
105 125.0 104.2 144.2
77 96.5 75.1 115.1



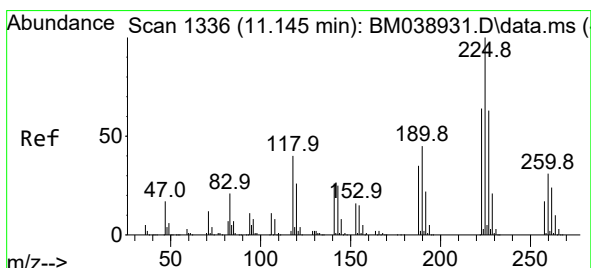
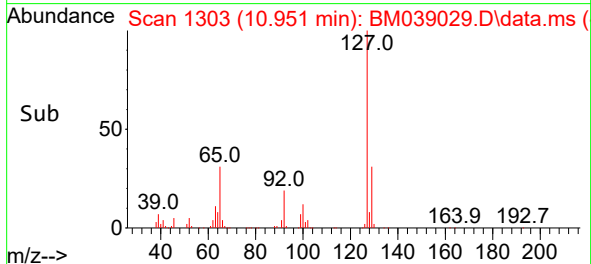
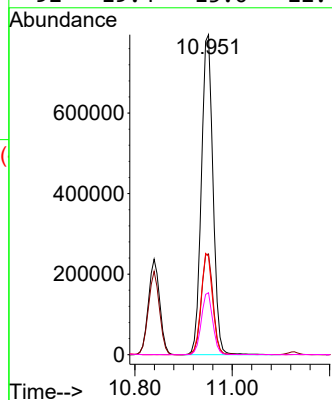
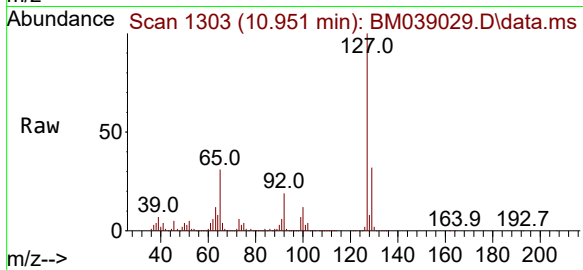


#33
4-Chloroaniline
Concen: 39.387 ng
RT: 10.951 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1316193

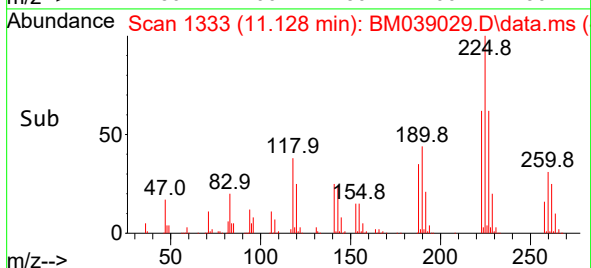
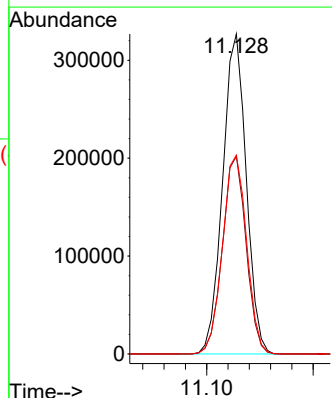
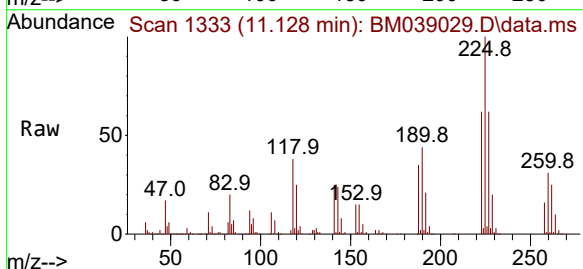
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.4	38.2
65	30.7	24.4	36.6
92	19.4	15.0	22.4

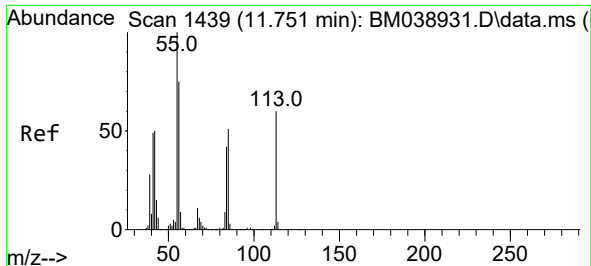


#34
Hexachlorobutadiene
Concen: 37.570 ng
RT: 11.128 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion:225 Resp: 501041

Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.3	76.9
227	62.1	50.6	76.0

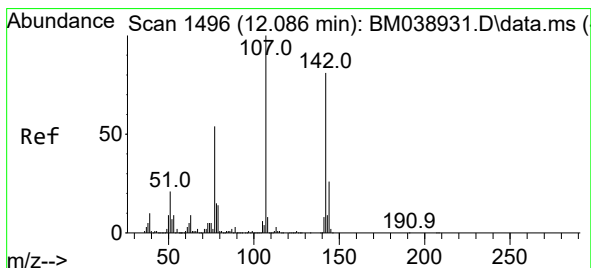
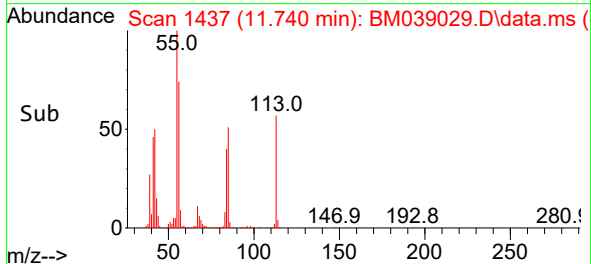
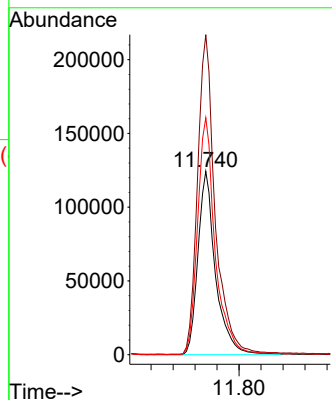
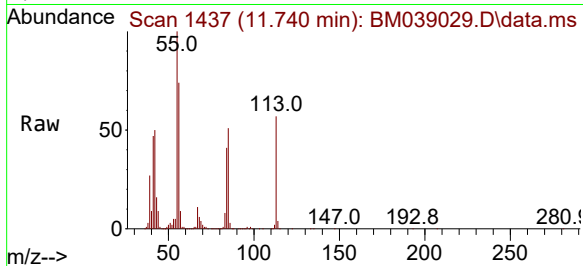




#35
 Caprolactam
 Concen: 42.566 ng
 RT: 11.740 min Scan# 1437
 Delta R.T. 0.000 min
 Lab File: BM039029.D
 Acq: 17 Mar 2023 10:50

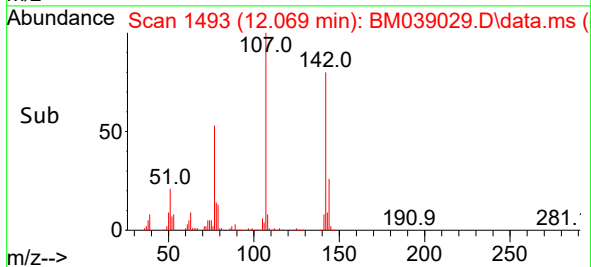
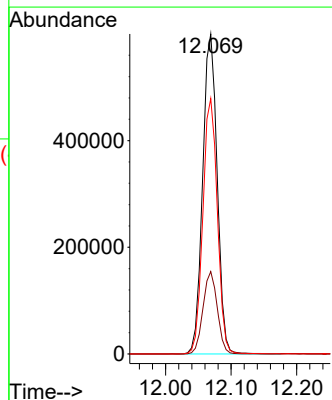
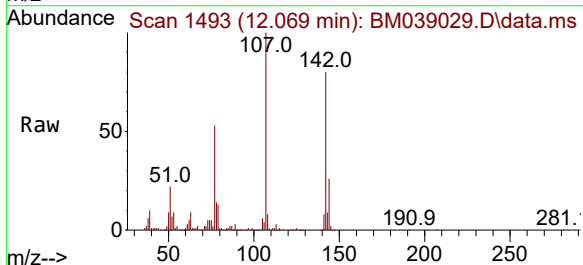
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

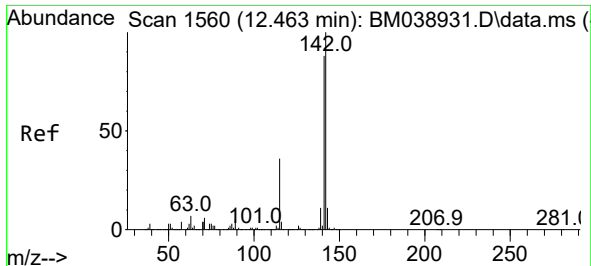
Tgt Ion:113 Resp: 275710
 Ion Ratio Lower Upper
 113 100
 55 174.5 147.0 187.0
 56 129.3 105.1 145.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.835 ng
 RT: 12.069 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: BM039029.D
 Acq: 17 Mar 2023 10:50

Tgt Ion:107 Resp: 925388
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.7 31.1
 142 79.8 64.6 97.0





#37

2-Methylnaphthalene

Concen: 38.837 ng

RT: 12.445 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

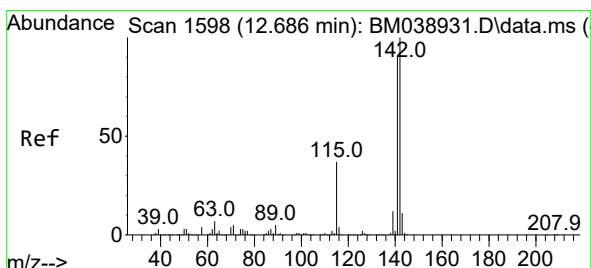
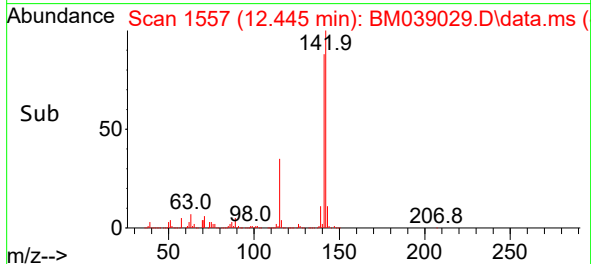
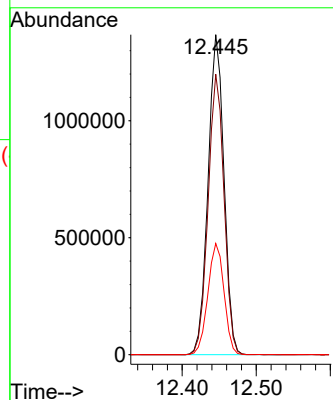
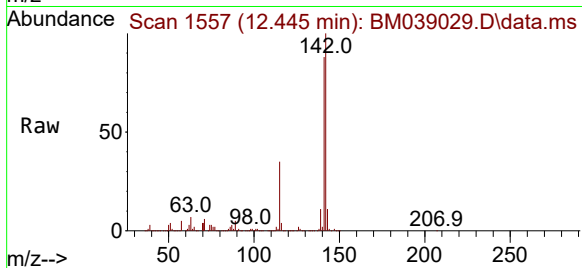
Tgt Ion:142 Resp: 2041162

Ion Ratio Lower Upper

142 100

141 87.6 70.6 106.0

115 34.8 28.5 42.7



#38

1-Methylnaphthalene

Concen: 38.919 ng

RT: 12.663 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

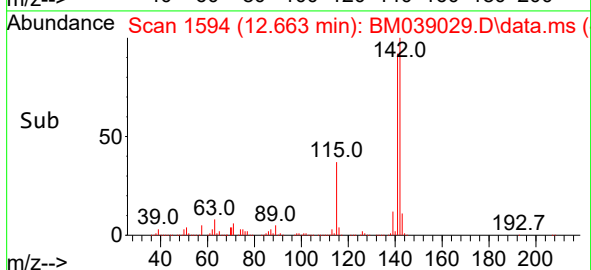
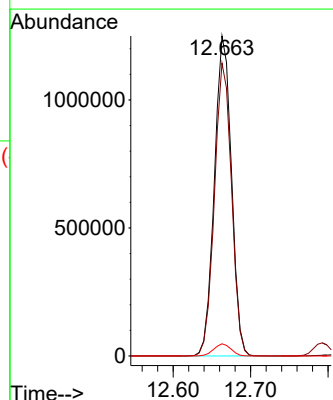
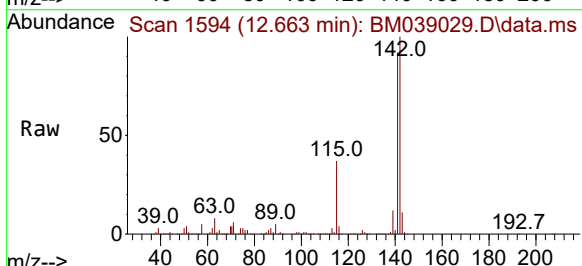
Tgt Ion:142 Resp: 1916850

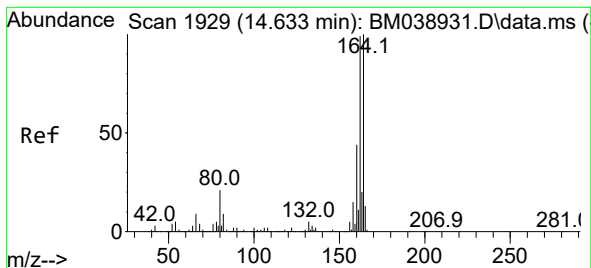
Ion Ratio Lower Upper

142 100

141 91.5 72.8 109.2

116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.616 min Scan# 1926

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

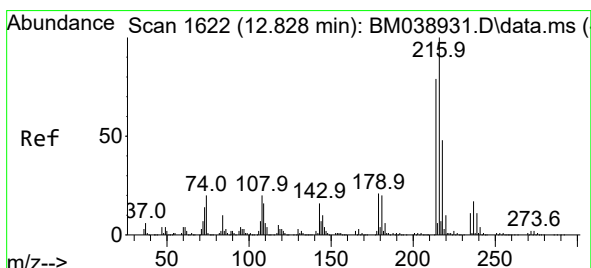
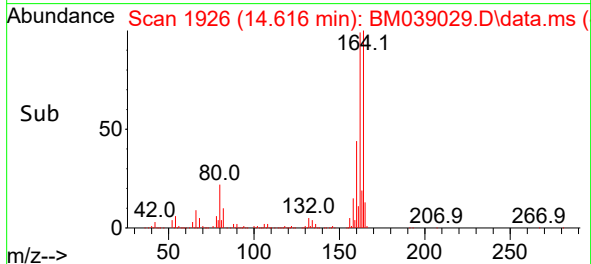
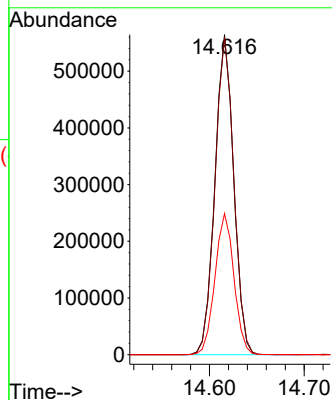
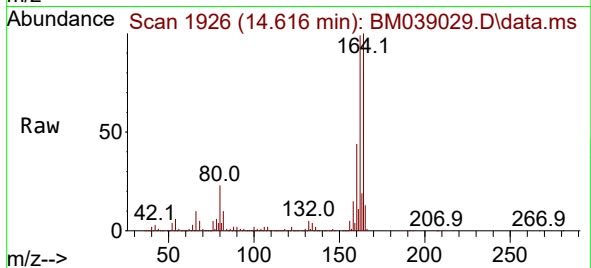
Tgt Ion:164 Resp: 778308

Ion Ratio Lower Upper

164 100

162 99.4 79.2 118.8

160 44.1 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.220 ng

RT: 12.810 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Tgt Ion:216 Resp: 916442

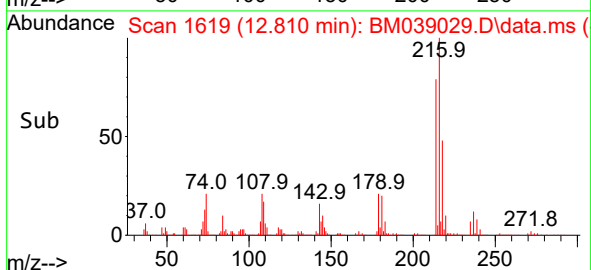
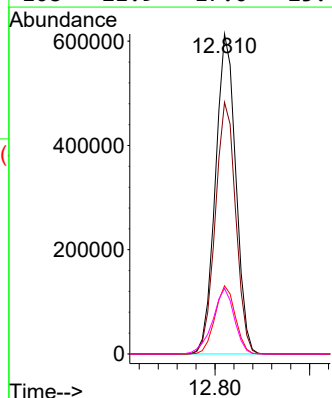
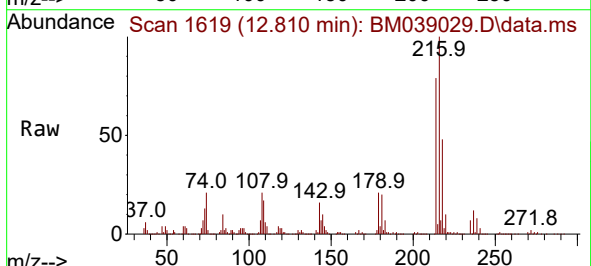
Ion Ratio Lower Upper

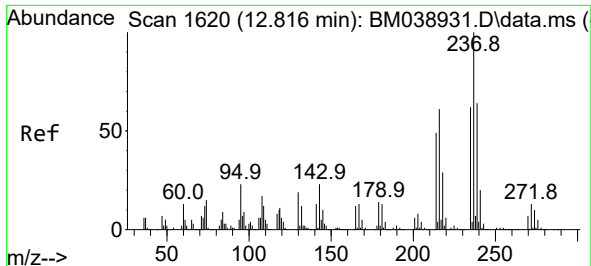
216 100

214 78.9 63.0 94.4

179 21.3 16.8 25.2

108 21.9 17.0 25.4

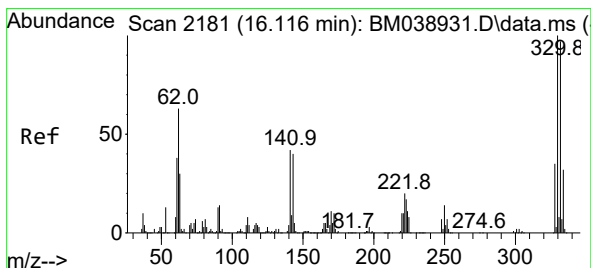
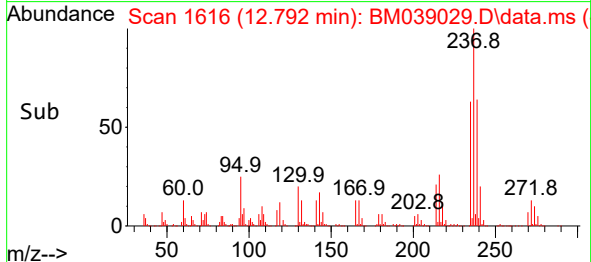
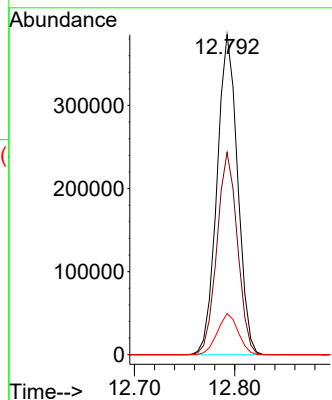
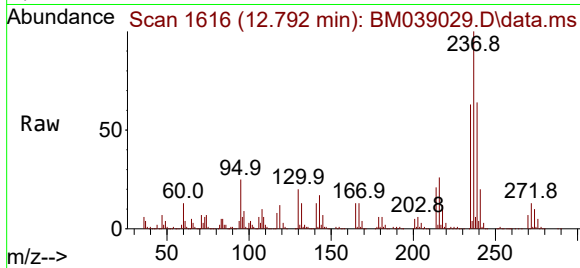




#41
Hexachlorocyclopentadiene
Concen: 39.473 ng
RT: 12.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

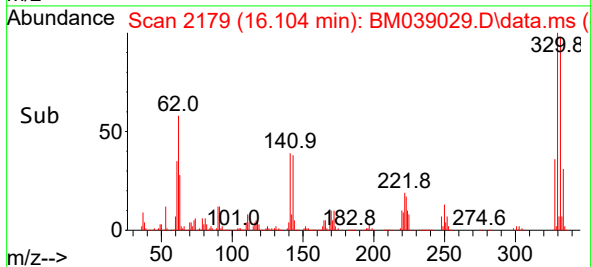
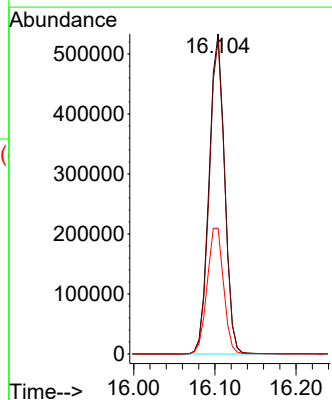
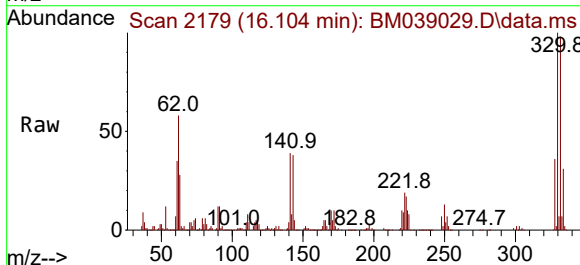
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

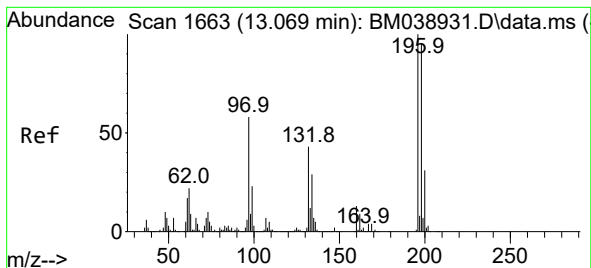
Tgt Ion:237 Resp: 548227
Ion Ratio Lower Upper
237 100
235 63.2 41.7 81.7
272 12.9 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 78.813 ng
RT: 16.104 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion:330 Resp: 709618
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 41.5 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 39.037 ng

RT: 13.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

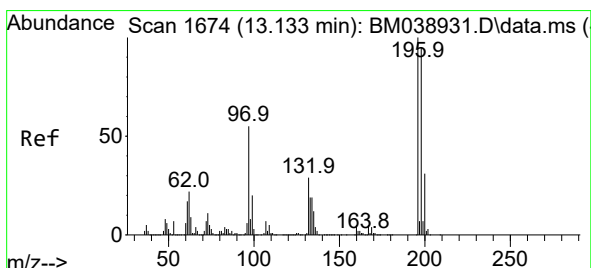
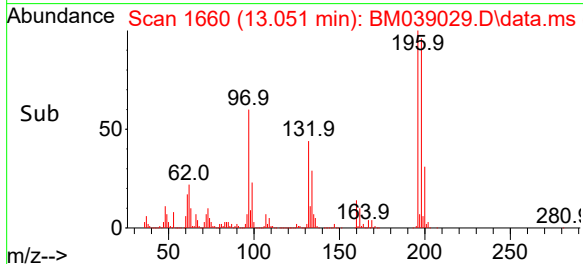
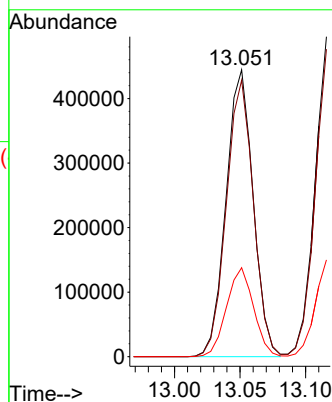
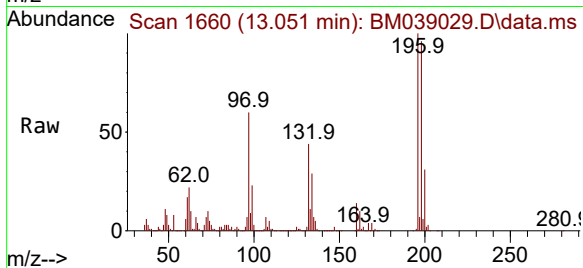
Tgt Ion:196 Resp: 639614

Ion Ratio Lower Upper

196 100

198 96.4 75.8 113.8

200 31.0 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 39.011 ng

RT: 13.116 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Tgt Ion:196 Resp: 748160

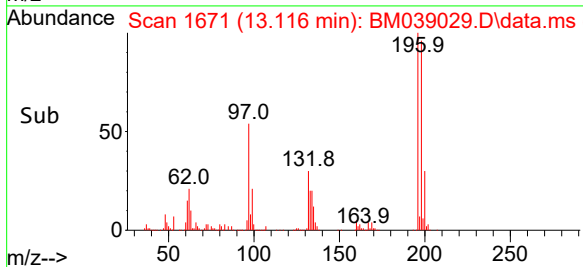
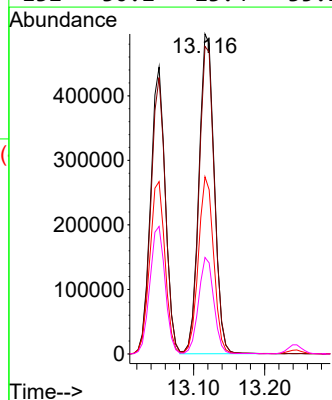
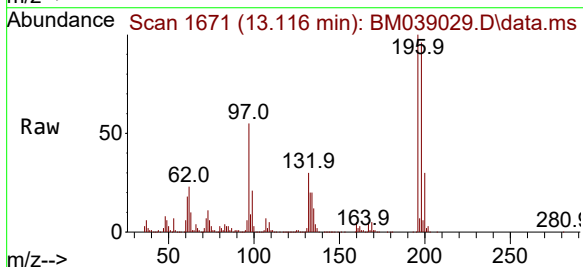
Ion Ratio Lower Upper

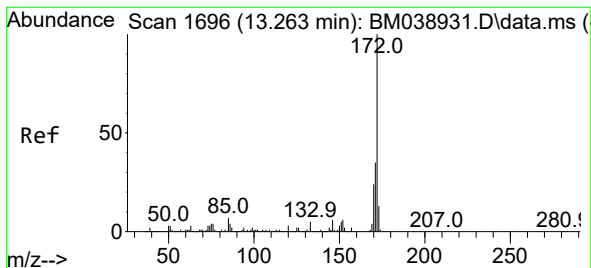
196 100

198 96.1 76.3 114.5

97 55.4 44.2 66.4

132 30.2 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 75.368 ng

RT: 13.245 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

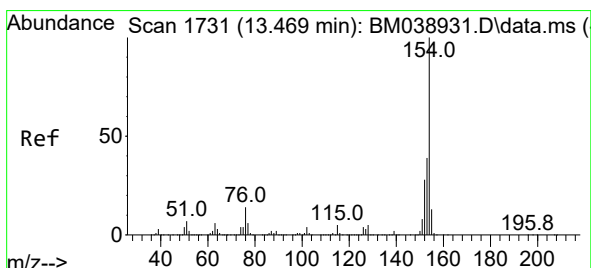
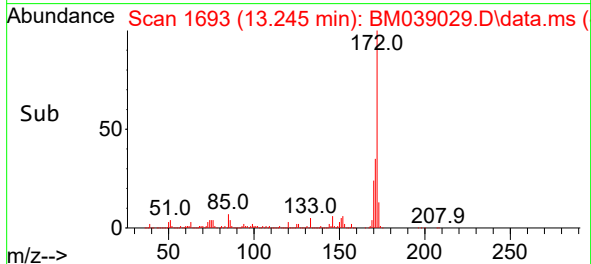
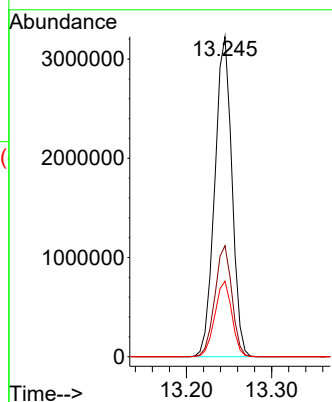
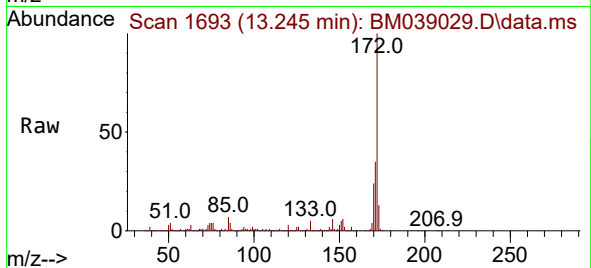
Tgt Ion:172 Resp: 4506035

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 37.810 ng

RT: 13.451 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

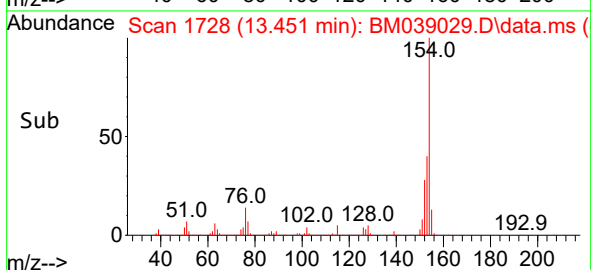
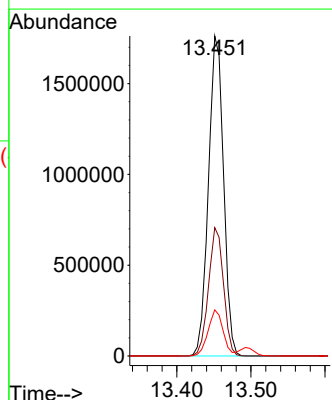
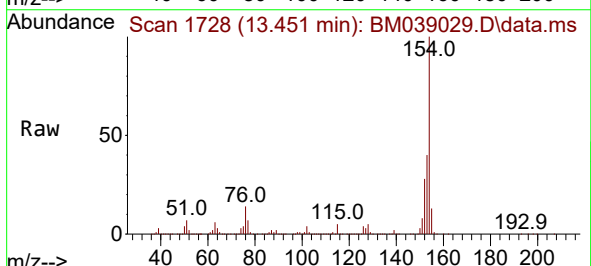
Tgt Ion:154 Resp: 2493081

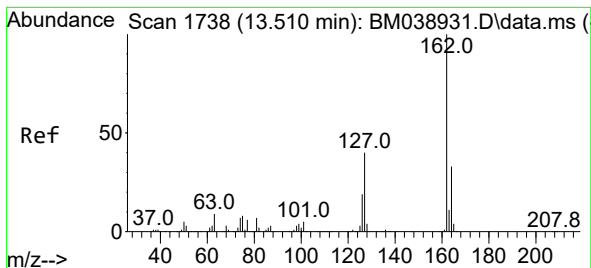
Ion Ratio Lower Upper

154 100

153 40.1 19.3 59.3

76 14.4 0.0 34.0





#47

2-Chloronaphthalene

Concen: 37.348 ng

RT: 13.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

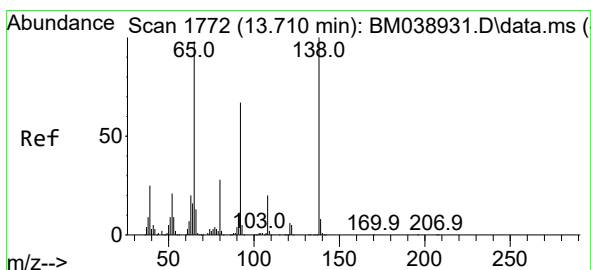
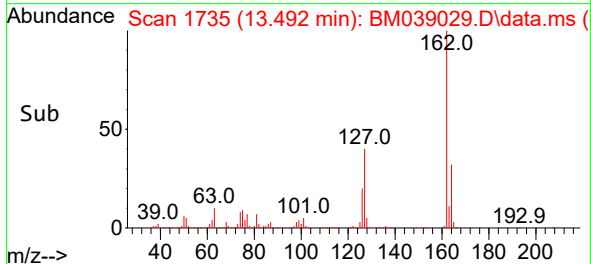
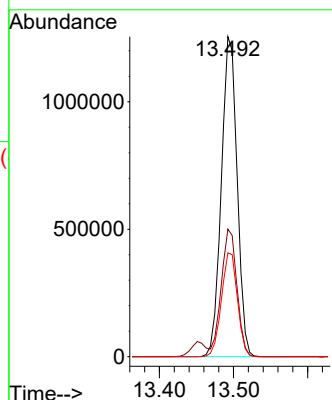
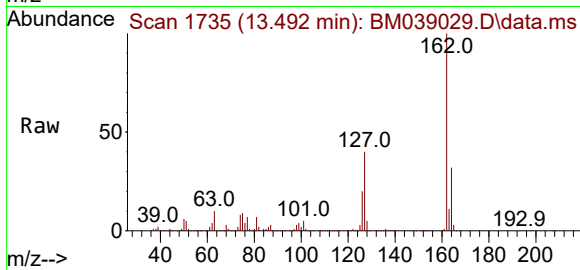
Tgt Ion:162 Resp: 1856947

Ion Ratio Lower Upper

162 100

127 39.9 32.1 48.1

164 32.4 26.2 39.4



#48

2-Nitroaniline

Concen: 40.902 ng

RT: 13.698 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

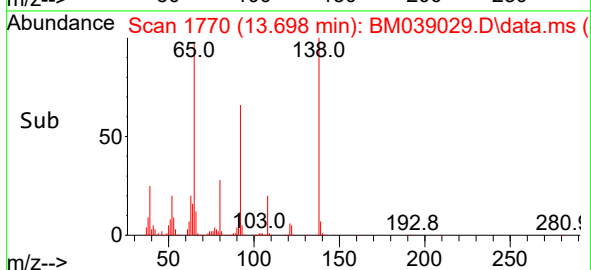
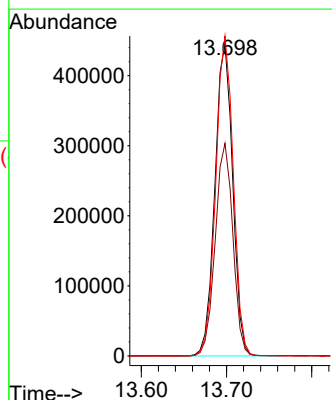
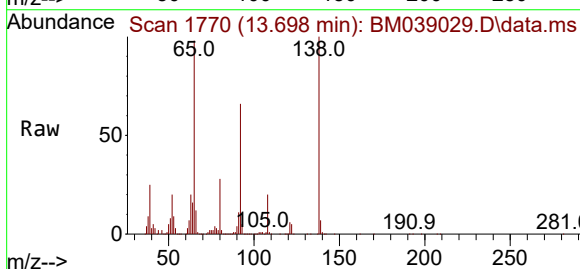
Tgt Ion: 65 Resp: 645653

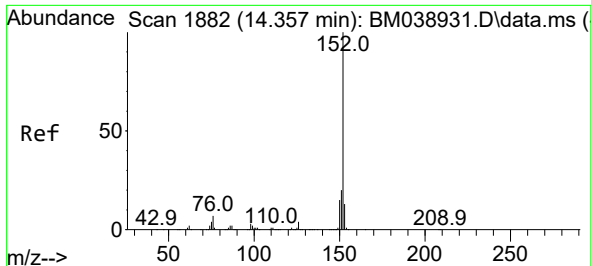
Ion Ratio Lower Upper

65 100

92 68.1 54.9 82.3

138 102.5 81.6 122.4

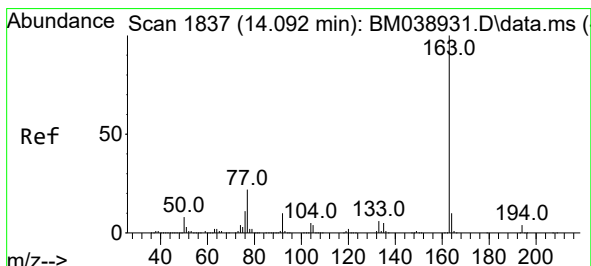
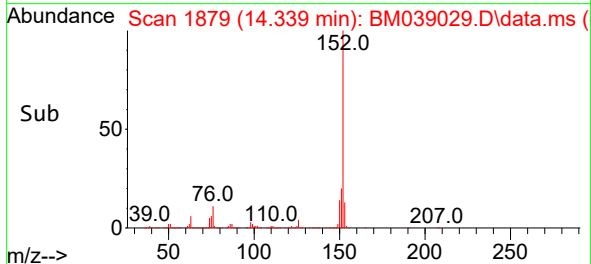
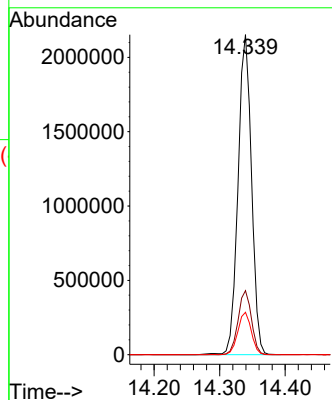
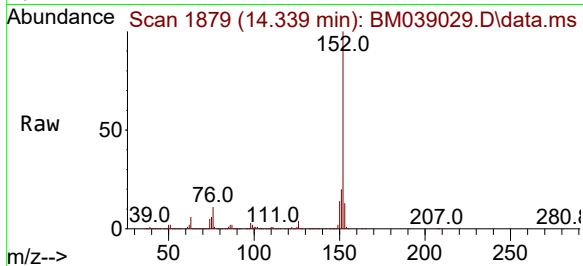




#49
Acenaphthylene
Concen: 38.862 ng
RT: 14.339 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

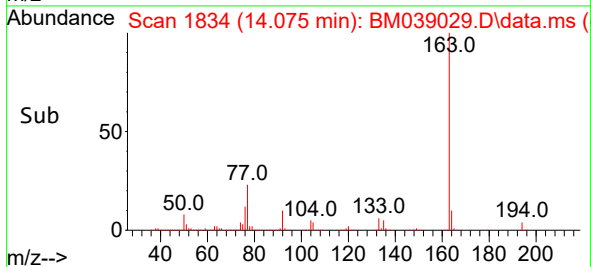
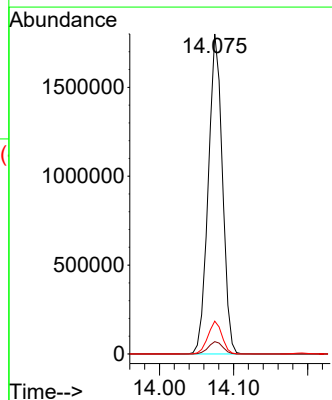
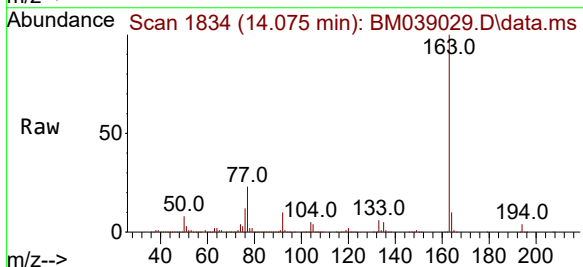
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

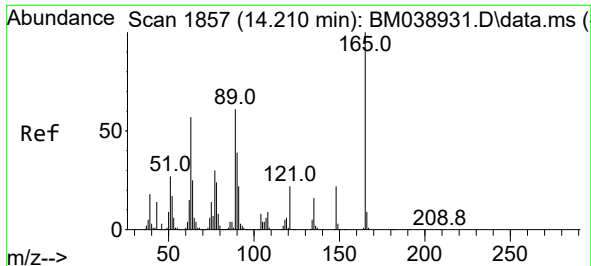
Tgt Ion:152 Resp: 3077784
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 39.766 ng
RT: 14.075 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion:163 Resp: 2381572
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.1 12.1

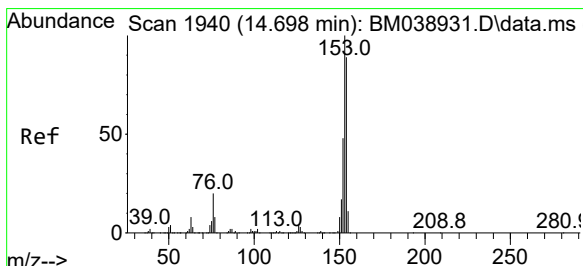
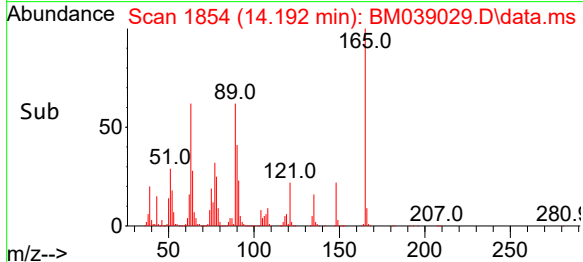
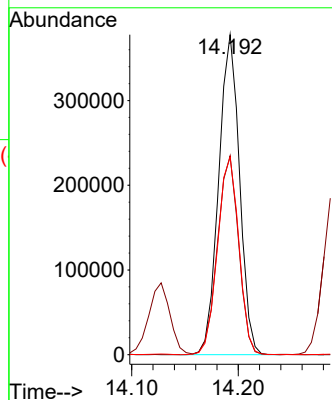
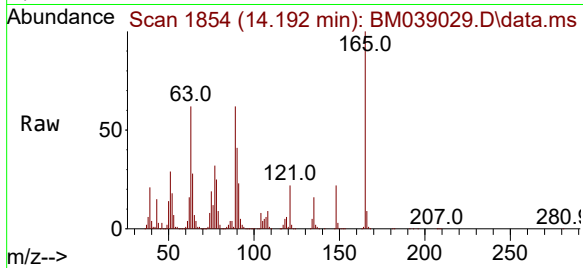




#51
2,6-Dinitrotoluene
Concen: 38.963 ng
RT: 14.192 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

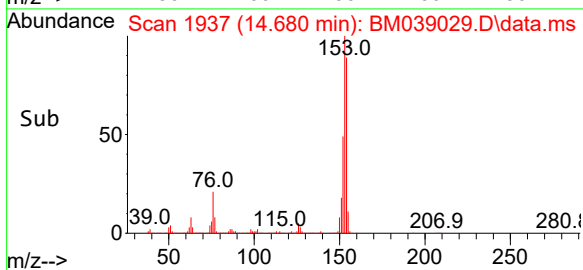
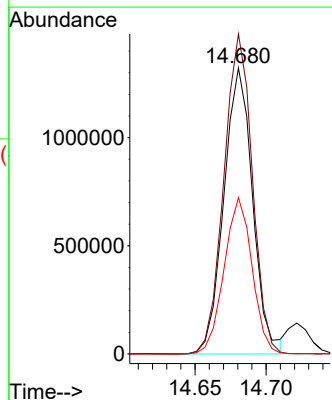
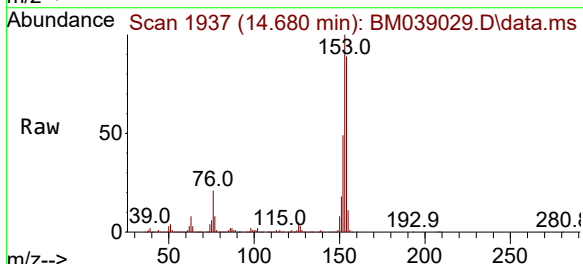
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

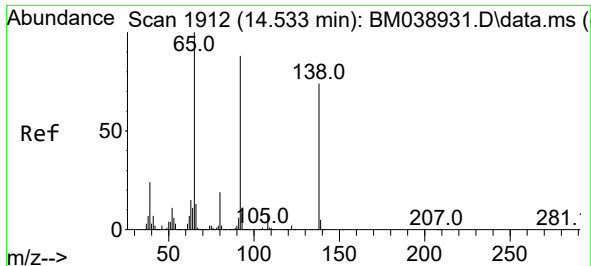
Tgt Ion:165 Resp: 512231
Ion Ratio Lower Upper
165 100
63 62.2 46.6 70.0
89 61.8 48.6 73.0



#52
Acenaphthene
Concen: 38.281 ng
RT: 14.680 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion:154 Resp: 1863236
Ion Ratio Lower Upper
154 100
153 111.8 90.2 135.2
152 54.6 43.4 65.2

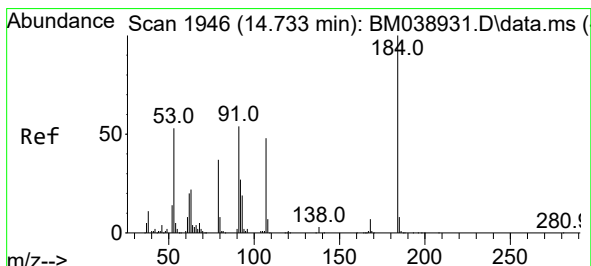
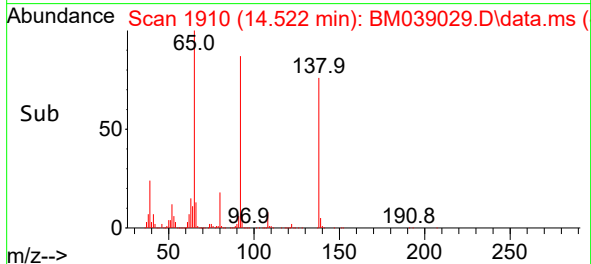
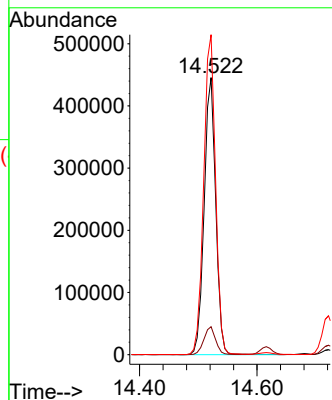
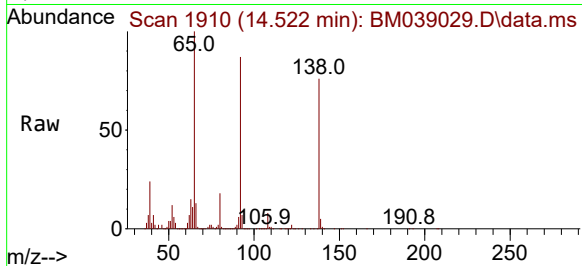




#53
3-Nitroaniline
Concen: 39.452 ng
RT: 14.522 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

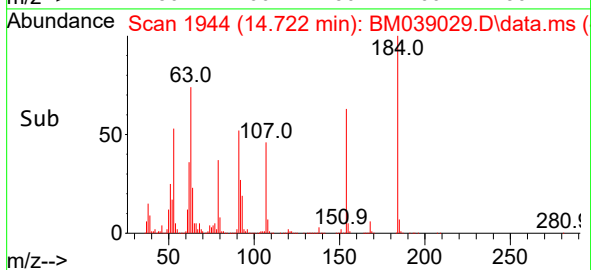
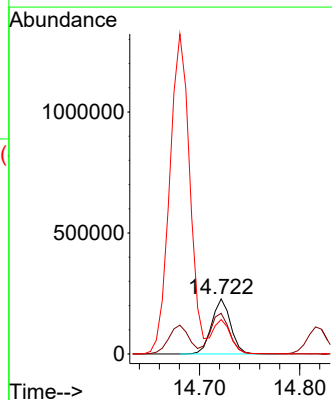
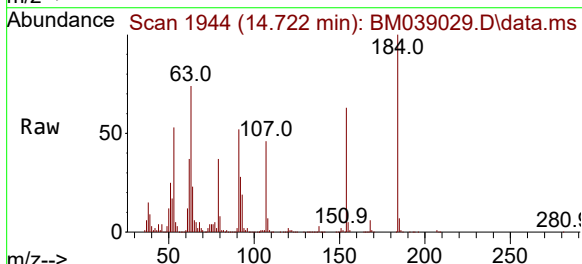
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

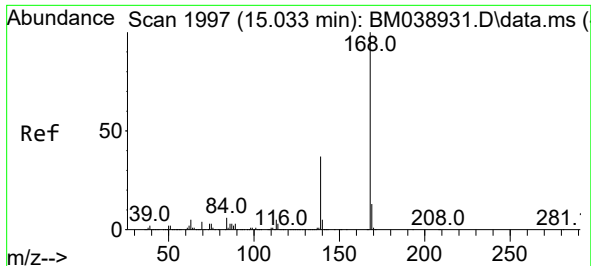
Tgt Ion:138 Resp: 606325
Ion Ratio Lower Upper
138 100
108 10.1 8.3 12.5
92 115.5 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 41.695 ng
RT: 14.722 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion:184 Resp: 297185
Ion Ratio Lower Upper
184 100
63 74.0 60.6 90.8
154 62.7 51.4 77.2

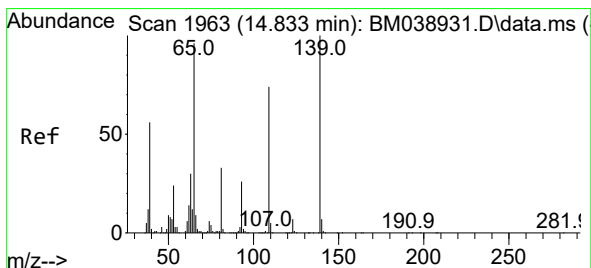
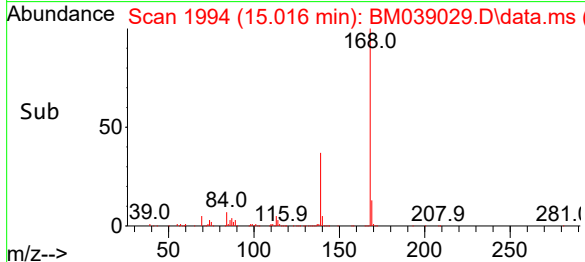
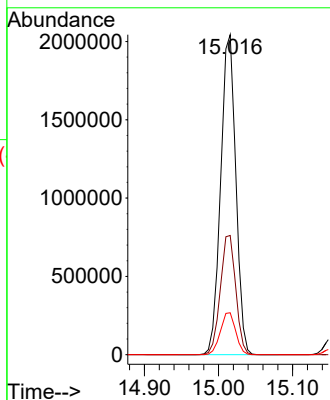
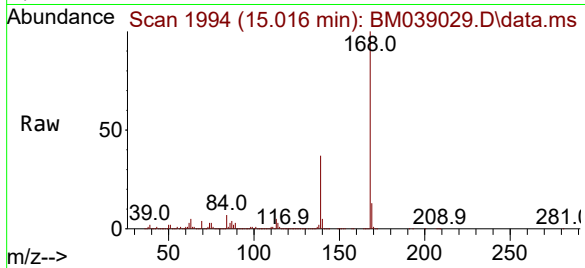




#55
Dibenzenofuran
Concen: 38.098 ng
RT: 15.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

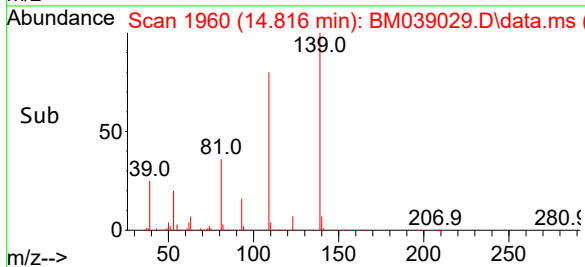
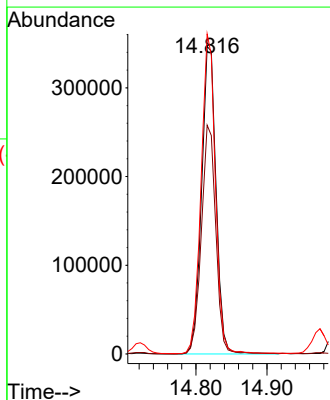
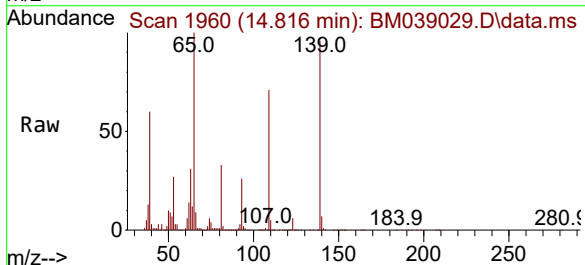
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

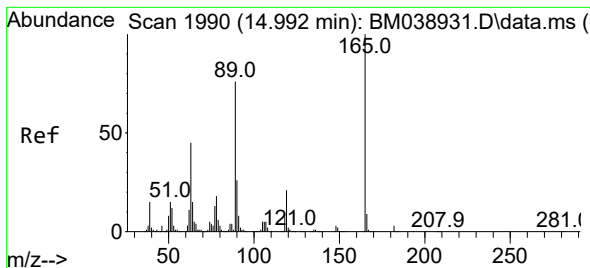
Tgt Ion:168 Resp: 2901710
Ion Ratio Lower Upper
168 100
139 37.3 29.9 44.9
169 13.1 10.7 16.1



#56
4-Nitrophenol
Concen: 41.468 ng
RT: 14.816 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion:139 Resp: 493240
Ion Ratio Lower Upper
139 100
109 74.4 53.5 93.5
65 104.1 76.4 116.4

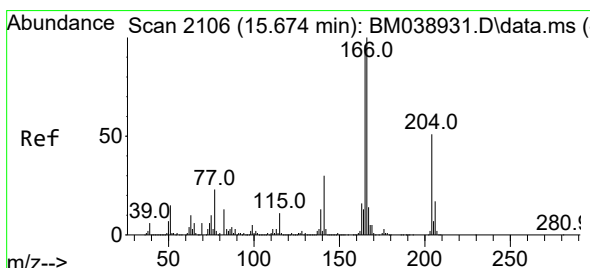
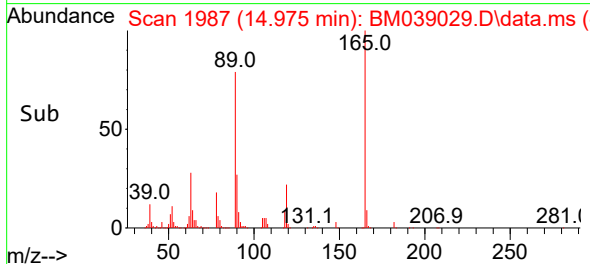
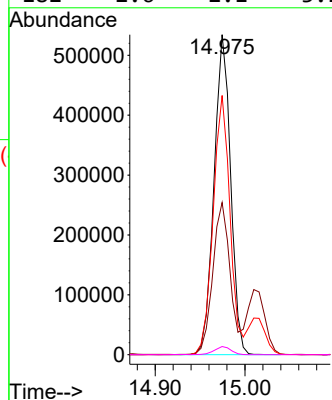
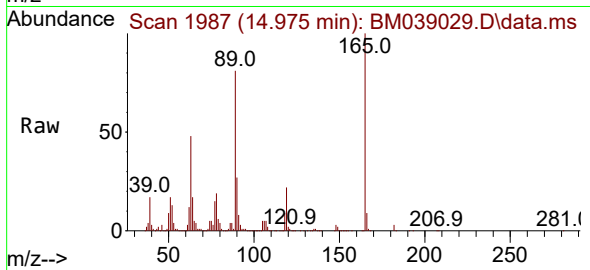




#57
2,4-Dinitrotoluene
Concen: 39.768 ng
RT: 14.975 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

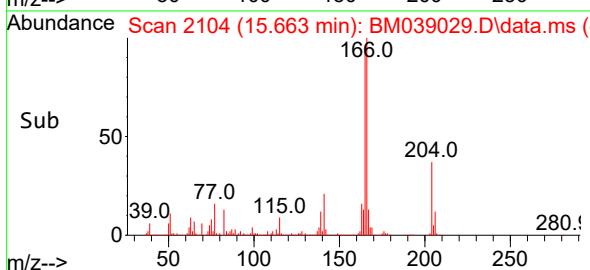
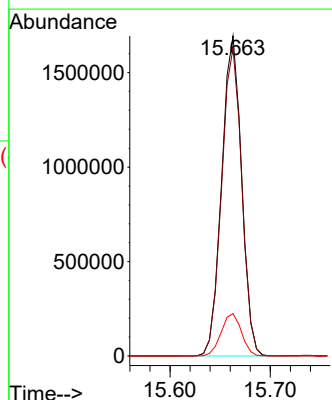
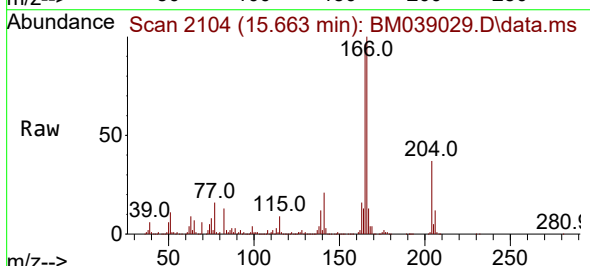
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

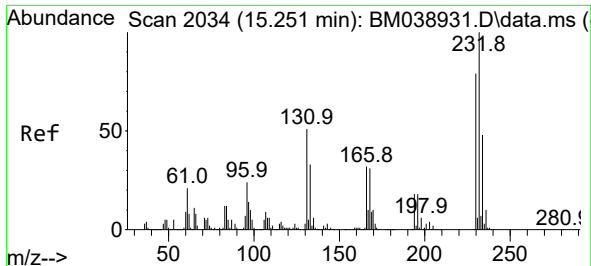
Tgt Ion:165 Resp: 686712
Ion Ratio Lower Upper
165 100
63 47.6 35.9 53.9
89 81.0 61.0 91.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 39.066 ng
RT: 15.663 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion:166 Resp: 2330763
Ion Ratio Lower Upper
166 100
165 96.2 77.1 115.7
167 13.2 10.9 16.3

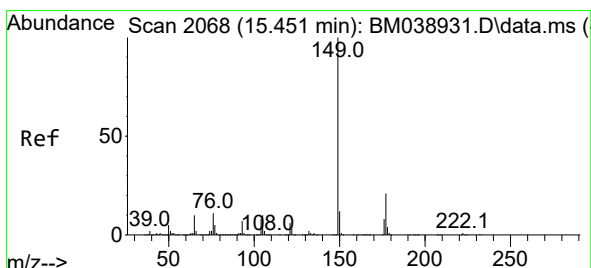
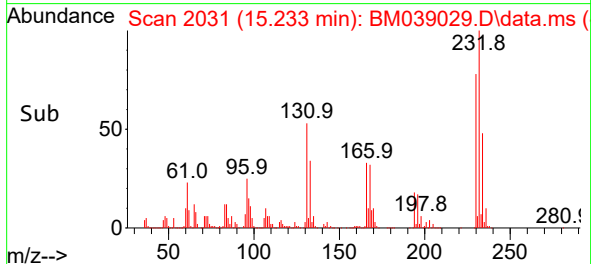
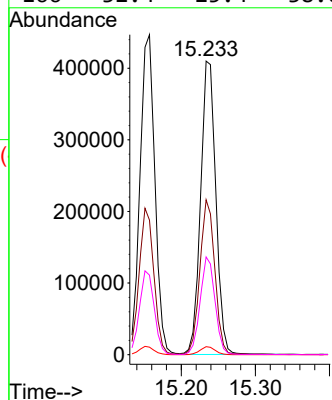
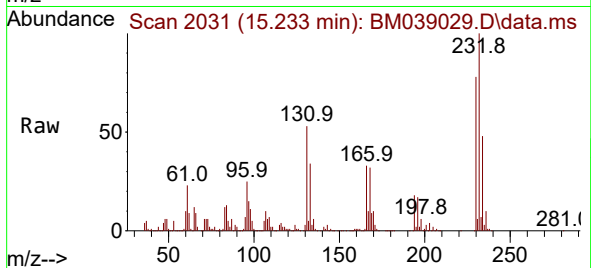




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.528 ng
RT: 15.233 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

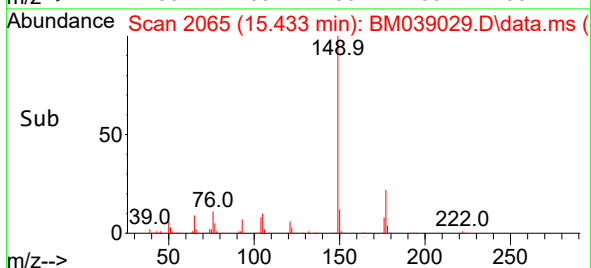
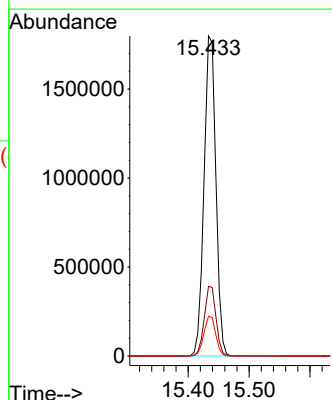
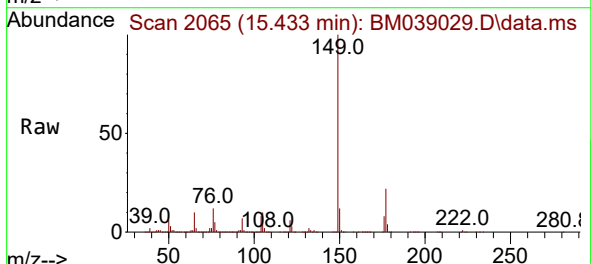
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

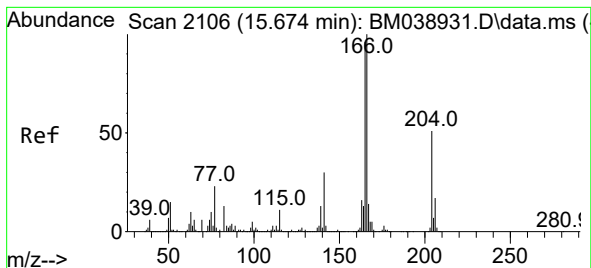
Tgt Ion:232 Resp: 584647
Ion Ratio Lower Upper
232 100
131 51.3 40.0 60.0
130 2.7 2.0 3.0
166 32.4 25.4 38.0



#60
Diethylphthalate
Concen: 41.620 ng
RT: 15.433 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion:149 Resp: 2425338
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.4 9.7 14.5

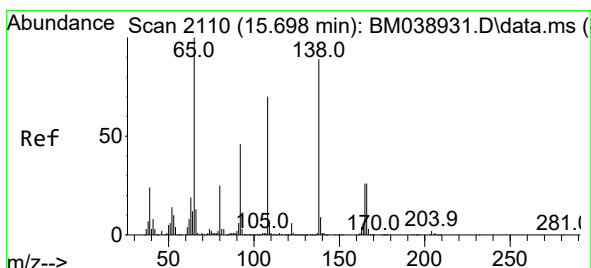
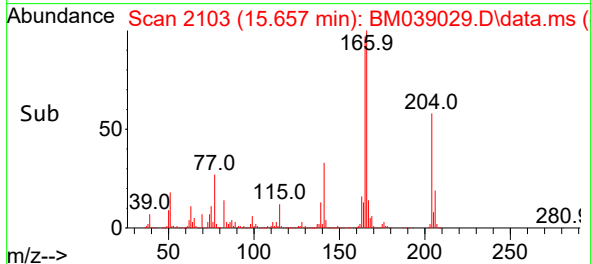
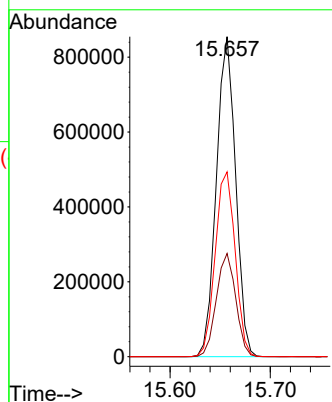
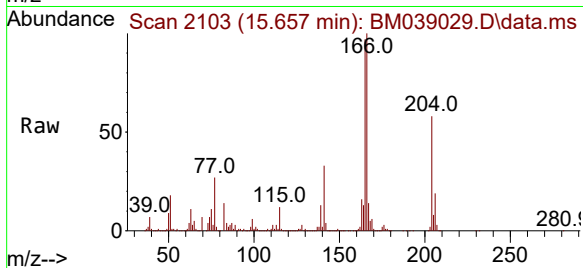




#61
4-Chlorophenyl-phenylether
Concen: 38.838 ng
RT: 15.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

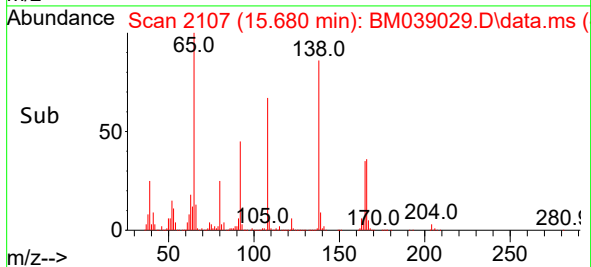
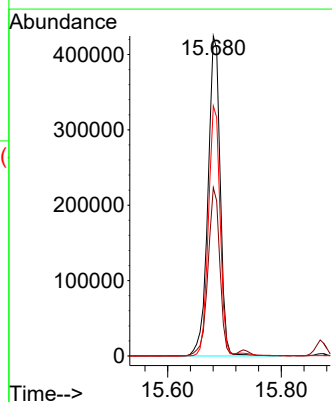
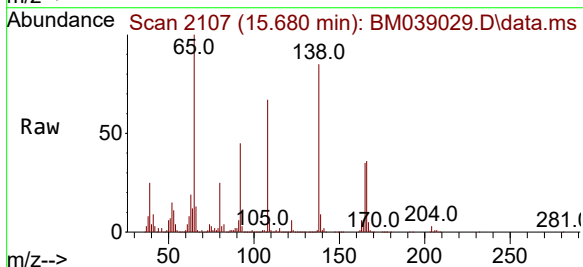
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

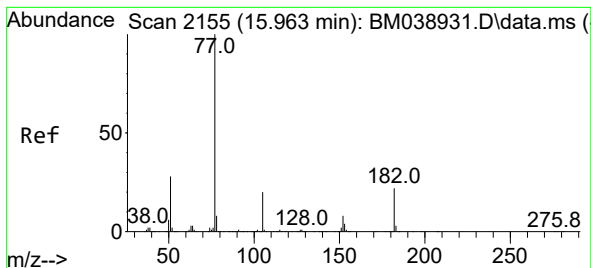
Tgt Ion:204 Resp: 1138365
Ion Ratio Lower Upper
204 100
206 32.3 26.4 39.6
141 57.8 46.4 69.6



#62
4-Nitroaniline
Concen: 40.207 ng
RT: 15.680 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion:138 Resp: 629012
Ion Ratio Lower Upper
138 100
92 52.6 31.6 71.6
108 78.1 58.6 98.6





#63

Azobenzene

Concen: 42.245 ng

RT: 15.945 min Scan# 2155

Delta R.T. -0.006 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 2604846

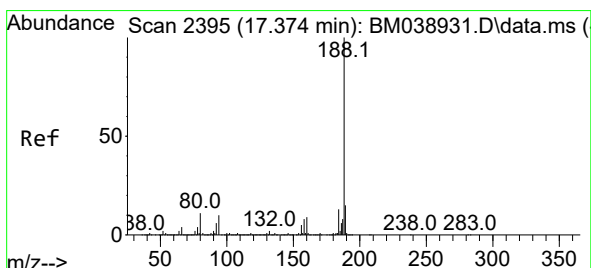
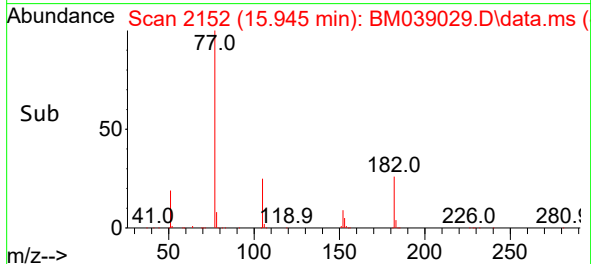
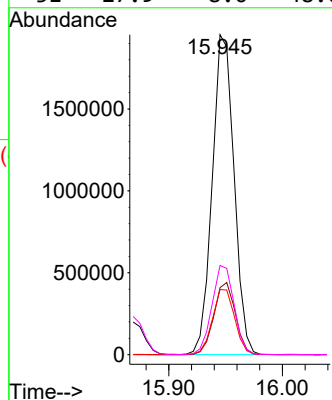
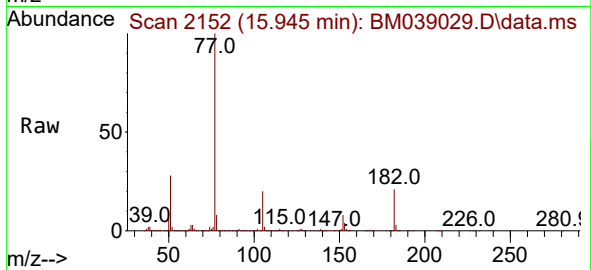
Ion Ratio Lower Upper

77 100

182 20.9 2.0 42.0

105 20.4 0.4 40.4

51 27.9 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.363 min Scan# 2393

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

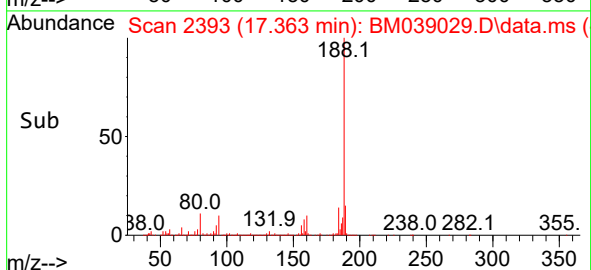
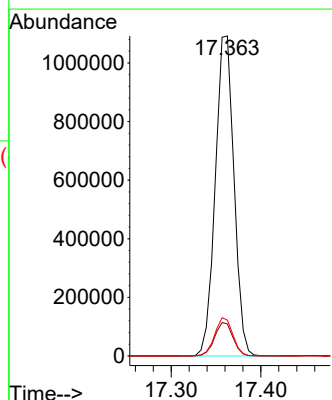
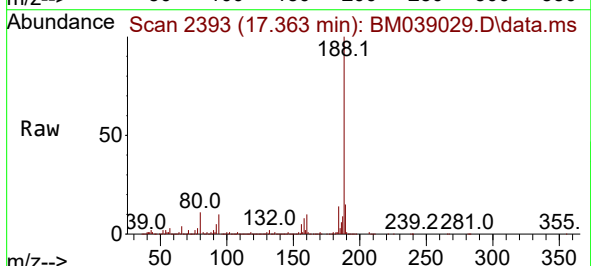
Tgt Ion:188 Resp: 1581716

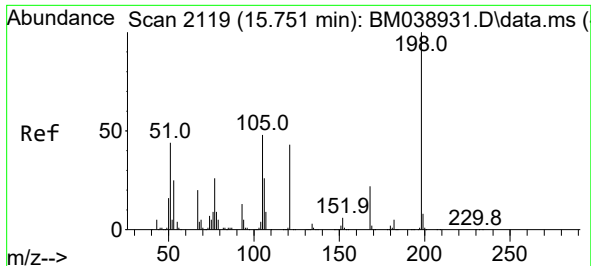
Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 11.2 8.5 12.7

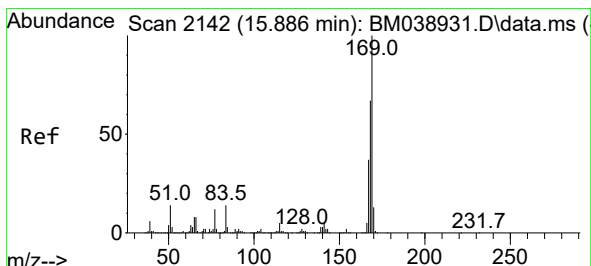
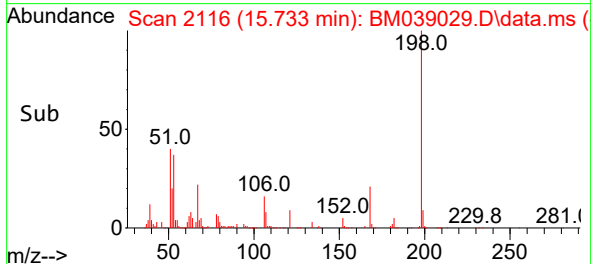
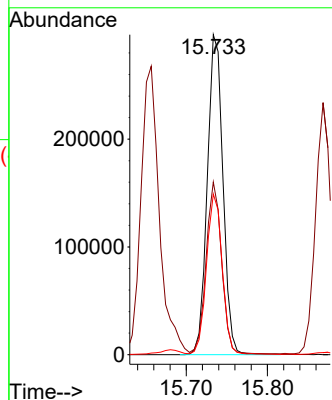
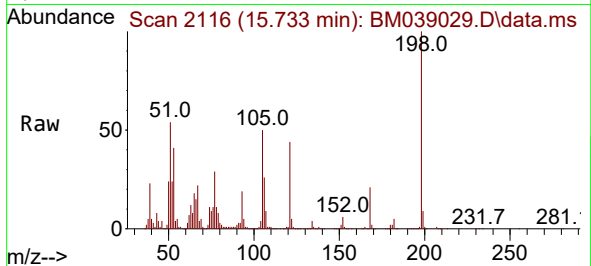




#65
4,6-Dinitro-2-methylphenol
Concen: 39.187 ng
RT: 15.733 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

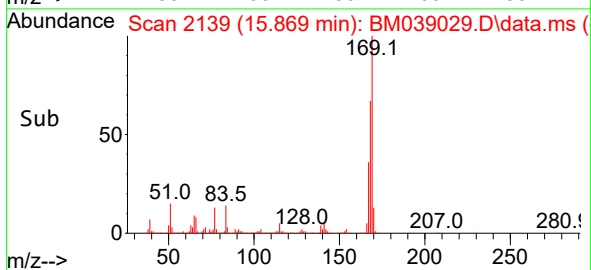
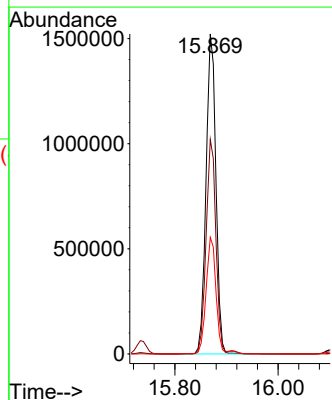
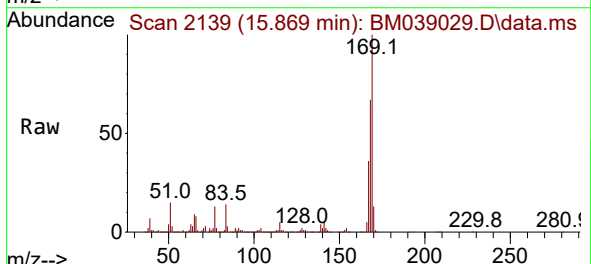
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

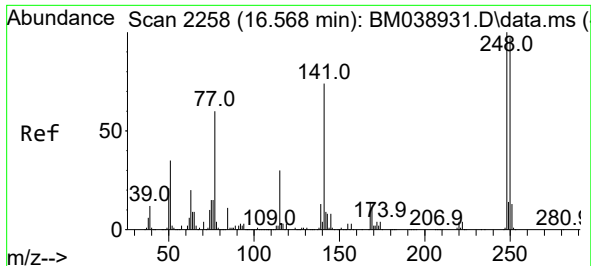
Tgt Ion:198 Resp: 396477
Ion Ratio Lower Upper
198 100
51 53.9 30.1 70.1
105 50.2 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 37.678 ng
RT: 15.869 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BM039029.D
Acq: 17 Mar 2023 10:50

Tgt Ion:169 Resp: 2009114
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.0
167 36.4 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 38.232 ng

RT: 16.551 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

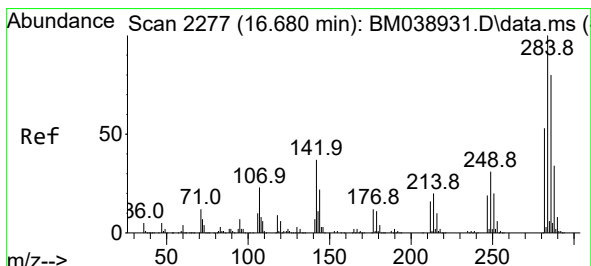
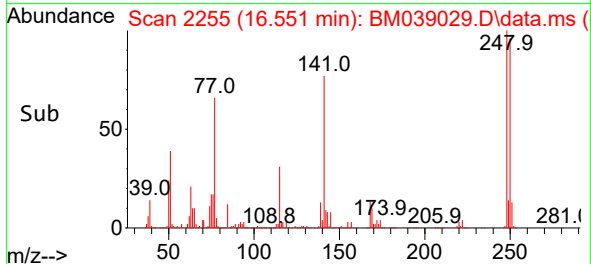
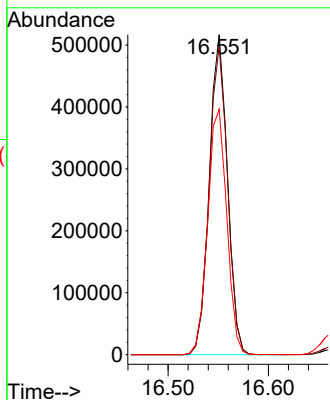
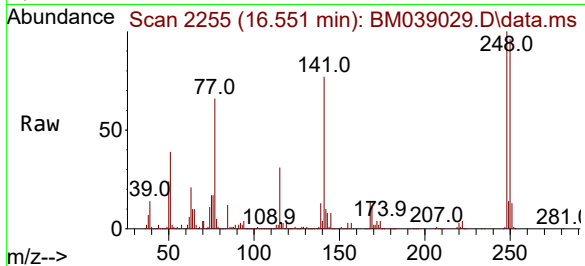
Tgt Ion:248 Resp: 653167

Ion Ratio Lower Upper

248 100

250 96.2 77.8 116.8

141 76.7 59.0 88.4



#68

Hexachlorobenzene

Concen: 36.330 ng

RT: 16.663 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

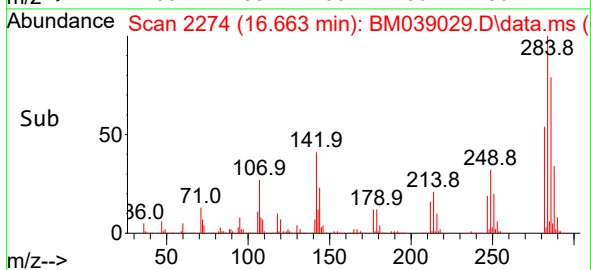
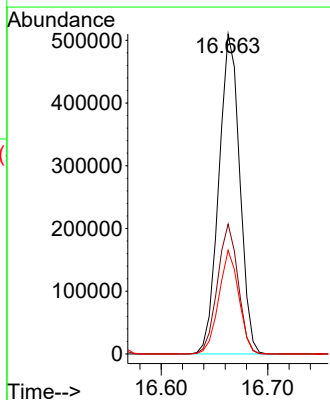
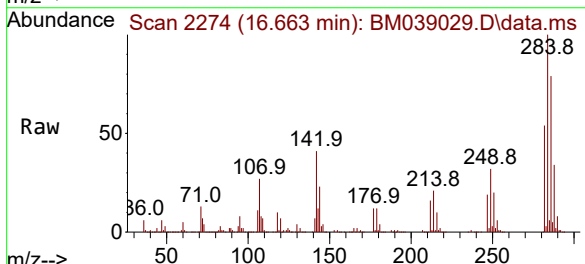
Tgt Ion:284 Resp: 693855

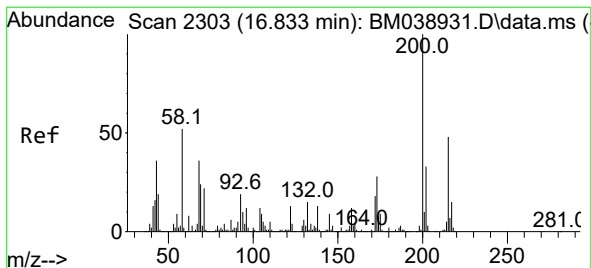
Ion Ratio Lower Upper

284 100

142 40.6 29.5 44.3

249 32.4 25.0 37.4





#69

Atrazine

Concen: 41.471 ng

RT: 16.822 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

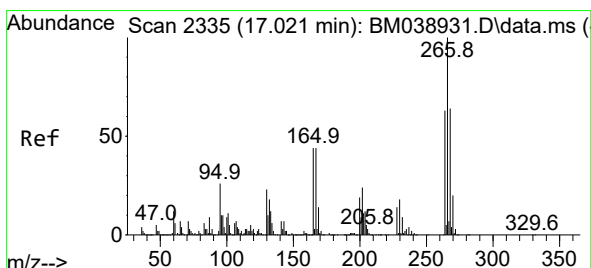
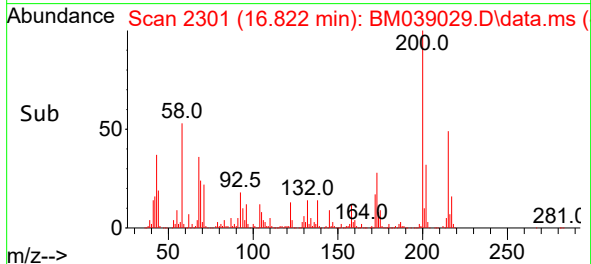
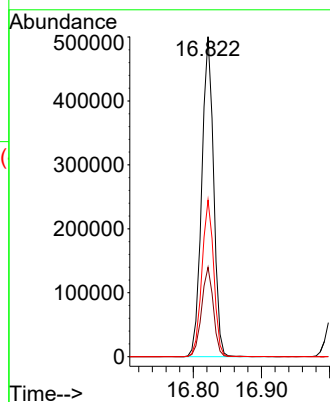
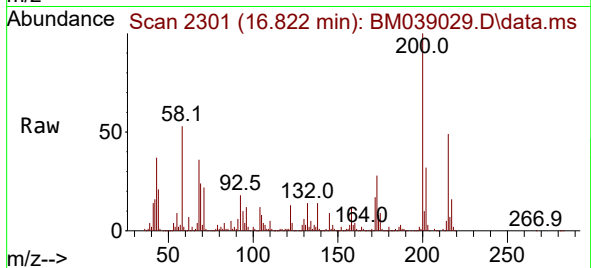
Tgt Ion:200 Resp: 604023

Ion Ratio Lower Upper

200 100

173 28.0 8.2 48.2

215 48.9 27.8 67.8



#70

Pentachlorophenol

Concen: 38.504 ng

RT: 17.004 min Scan# 2332

Delta R.T. -0.006 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

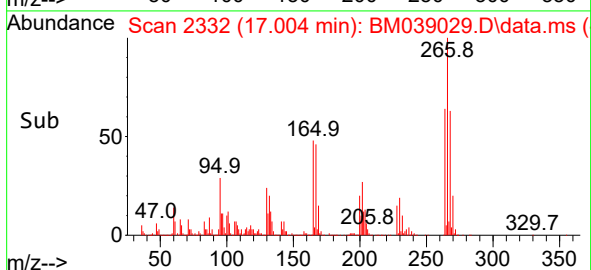
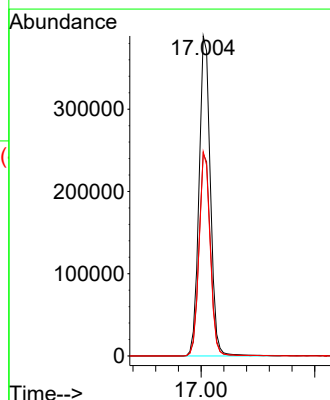
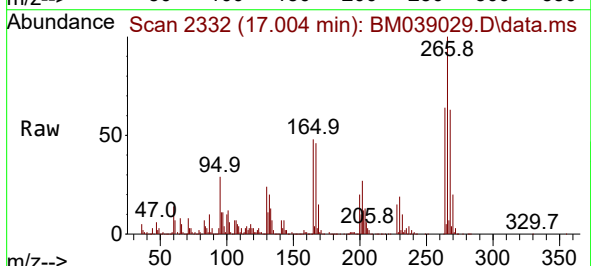
Tgt Ion:266 Resp: 540868

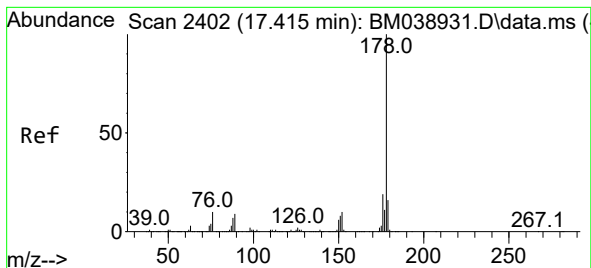
Ion Ratio Lower Upper

266 100

268 63.3 51.0 76.4

264 63.8 50.3 75.5





#71

Phenanthrene

Concen: 37.451 ng

RT: 17.404 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

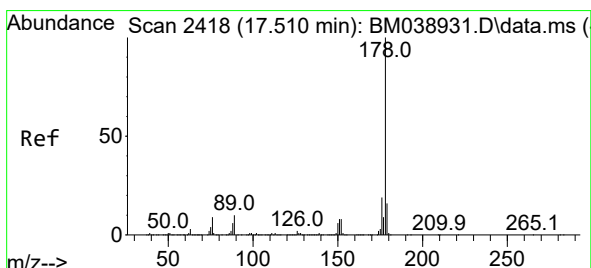
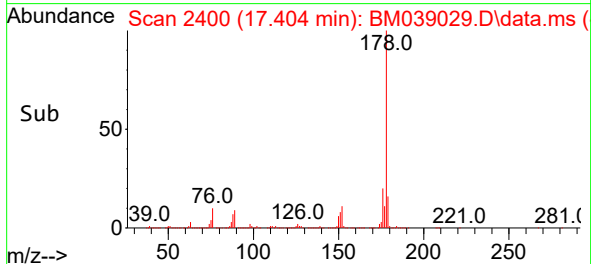
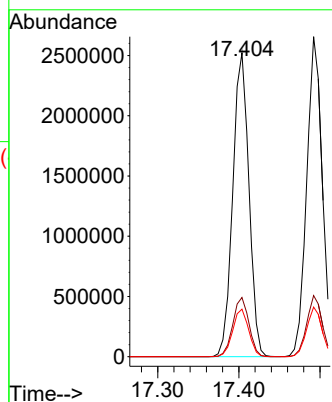
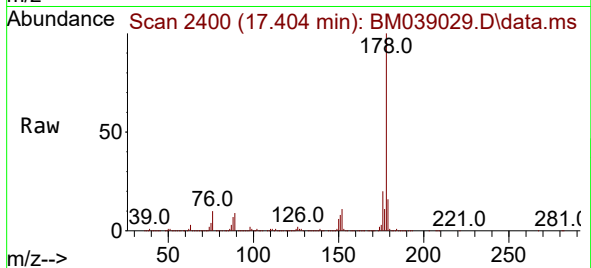
Tgt Ion:178 Resp: 3476700

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.6 12.5 18.7



#72

Anthracene

Concen: 38.534 ng

RT: 17.492 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

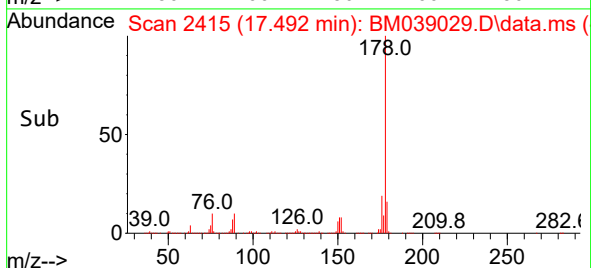
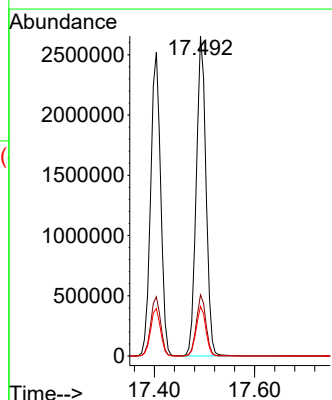
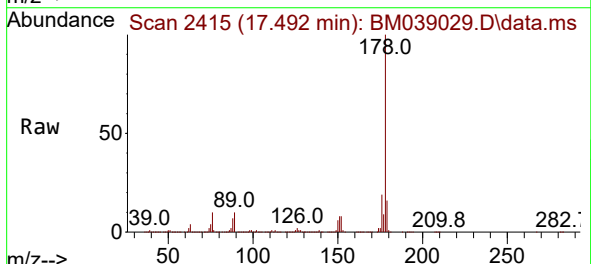
Tgt Ion:178 Resp: 3567332

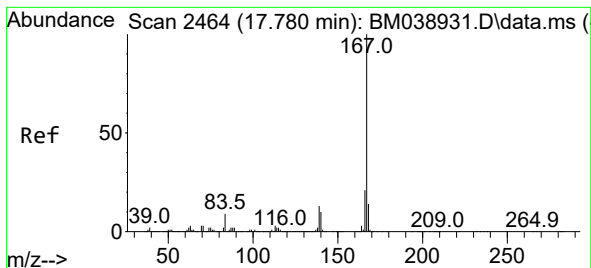
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.5 12.5 18.7





#73

Carbazole

Concen: 38.858 ng

RT: 17.763 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

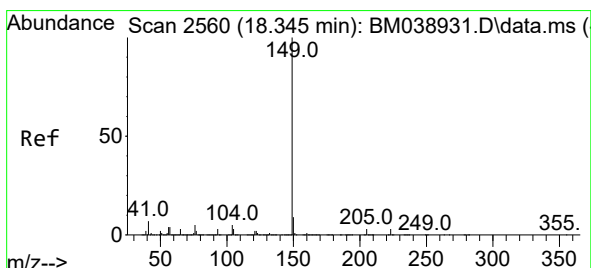
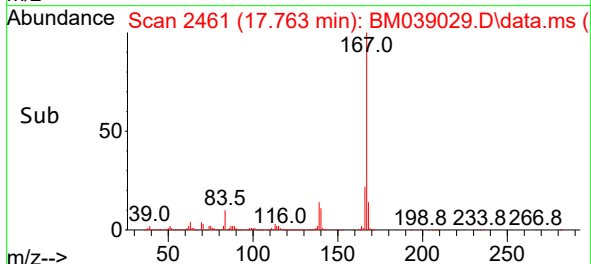
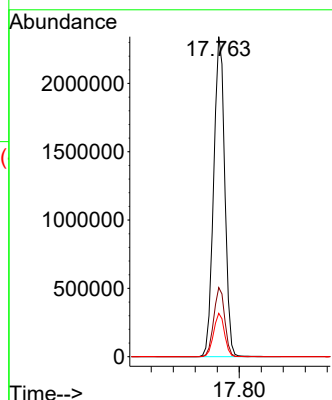
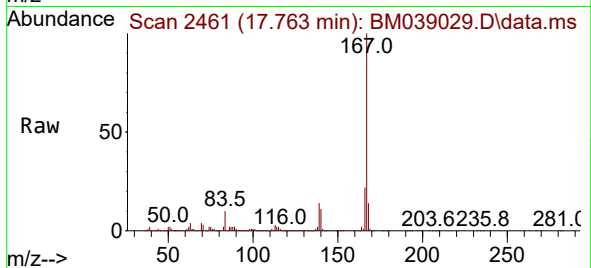
Tgt Ion:167 Resp: 3283170

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.4

139 13.5 10.3 15.5



#74

Di-n-butylphthalate

Concen: 41.769 ng

RT: 18.327 min Scan# 2557

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

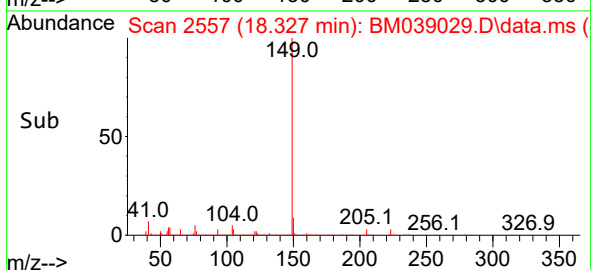
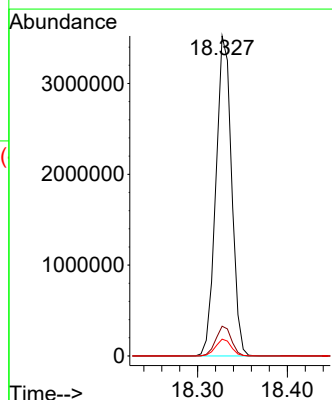
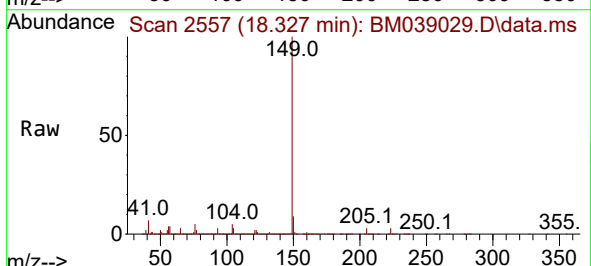
Tgt Ion:149 Resp: 4279464

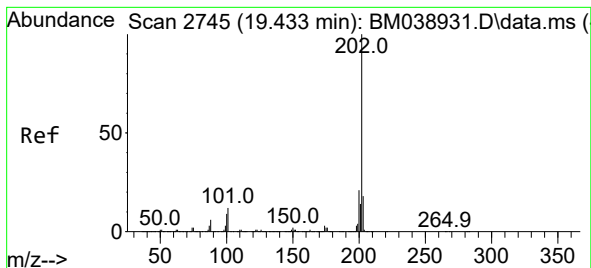
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 39.310 ng

RT: 19.415 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

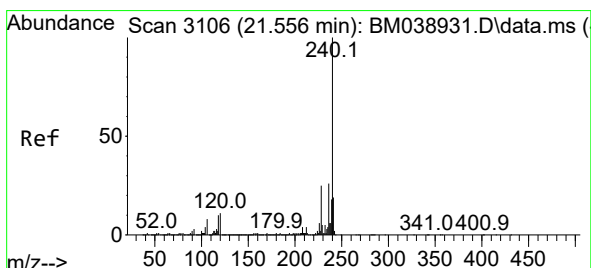
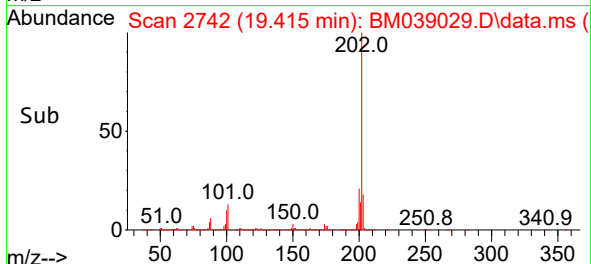
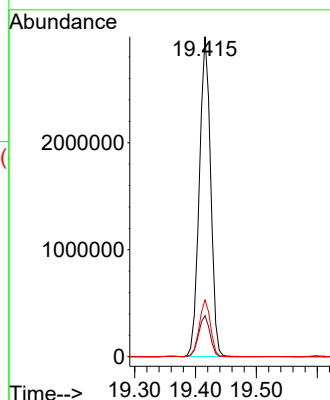
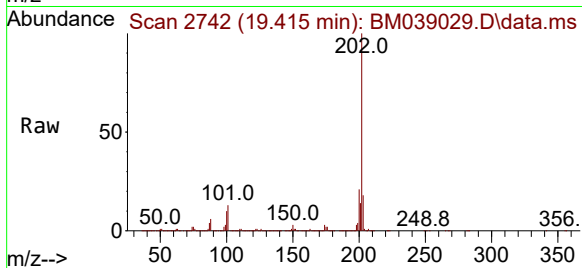
Tgt Ion:202 Resp: 3853043

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.7

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3104

Delta R.T. 0.006 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

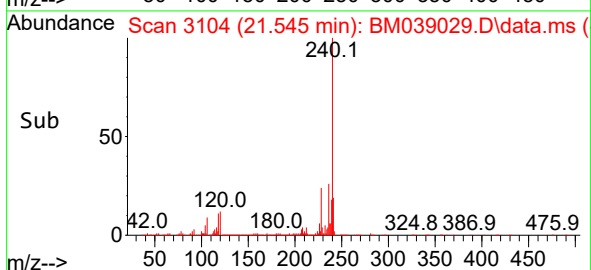
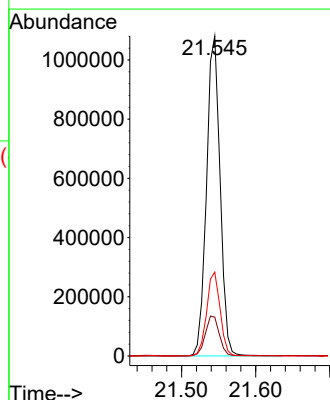
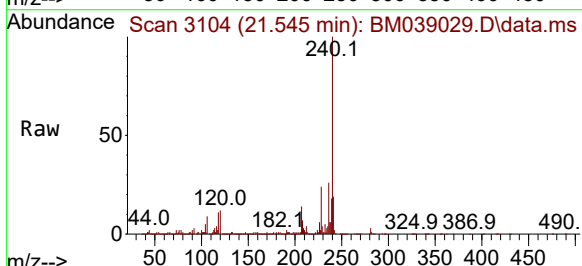
Tgt Ion:240 Resp: 1377636

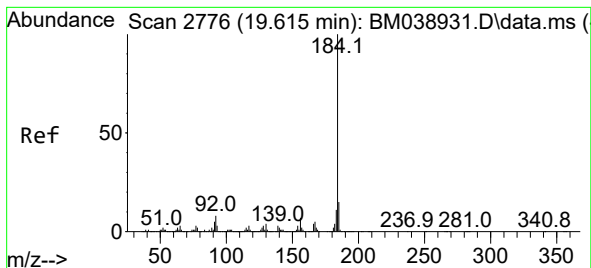
Ion Ratio Lower Upper

240 100

120 12.2 9.2 13.8

236 26.2 20.8 31.2





#77

Benzidine

Concen: 41.654 ng

RT: 19.598 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

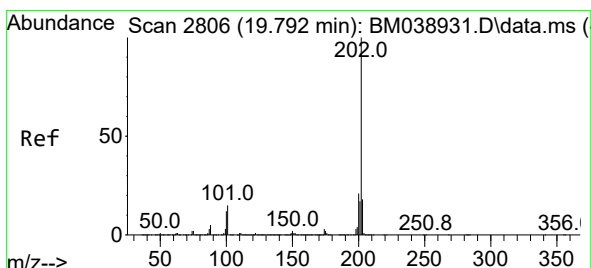
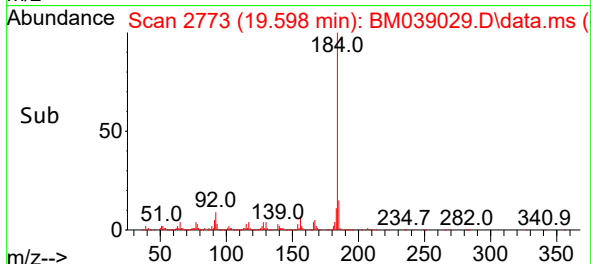
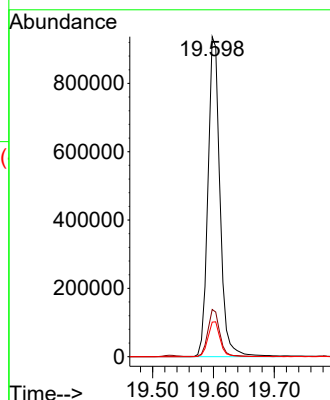
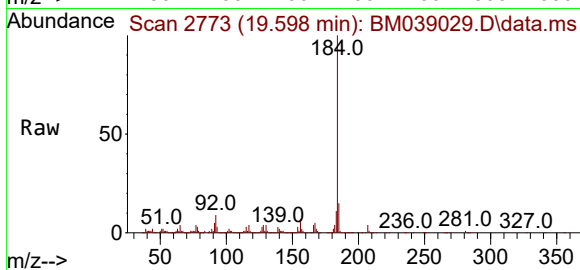
Tgt Ion:184 Resp: 1285489

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.4

183 10.8 8.8 13.2



#78

Pyrene

Concen: 39.235 ng

RT: 19.780 min Scan# 2804

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

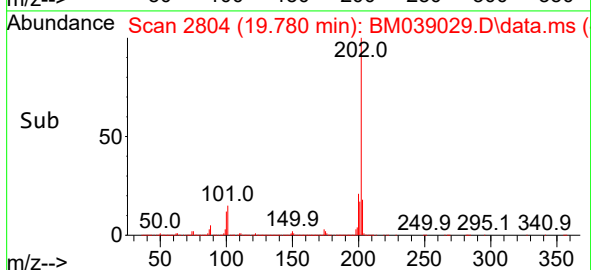
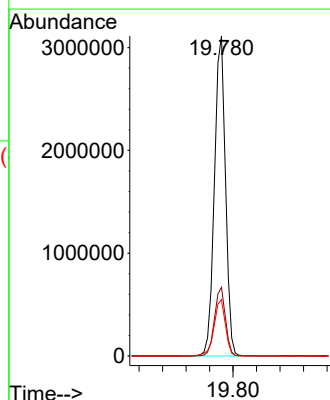
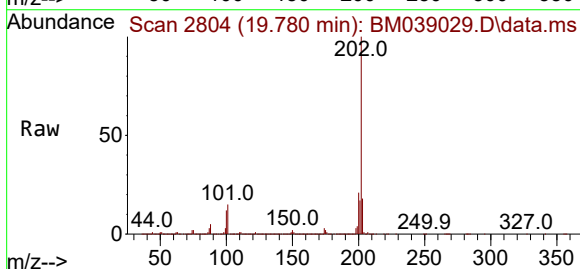
Tgt Ion:202 Resp: 4059676

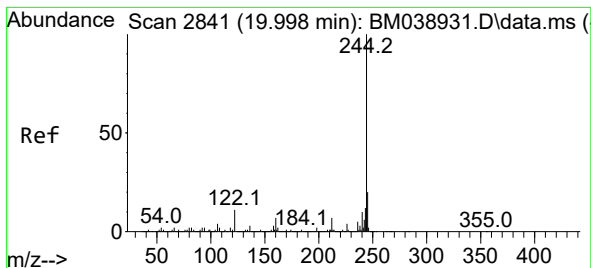
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 79.538 ng

RT: 19.980 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

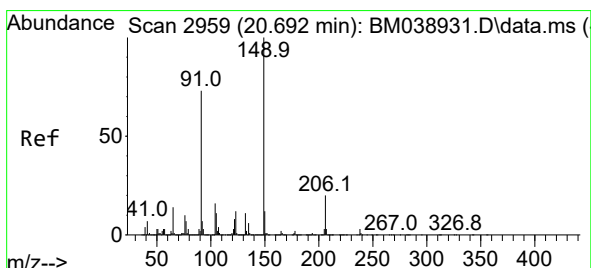
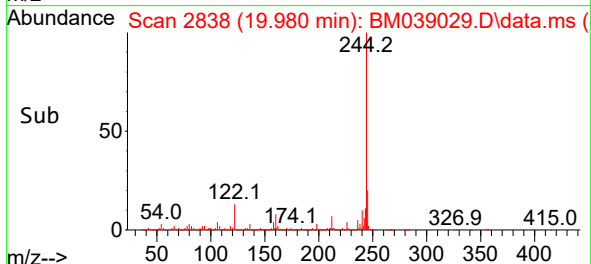
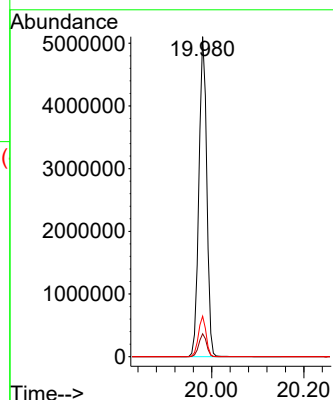
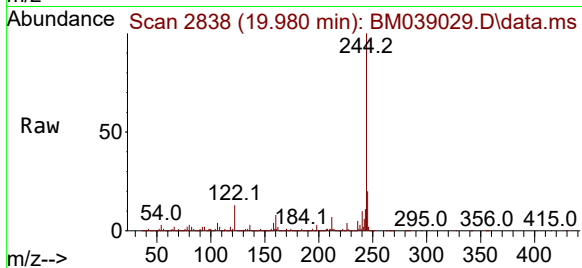
Tgt Ion:244 Resp: 5993148

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 12.6 9.0 13.4



#80

Butylbenzylphthalate

Concen: 42.692 ng

RT: 20.674 min Scan# 2956

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

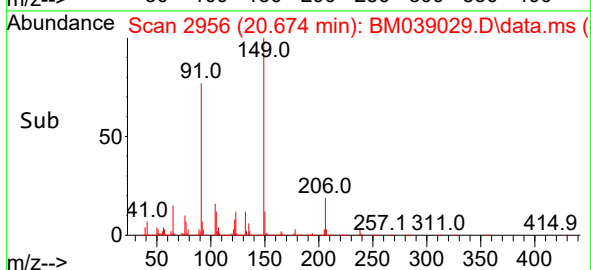
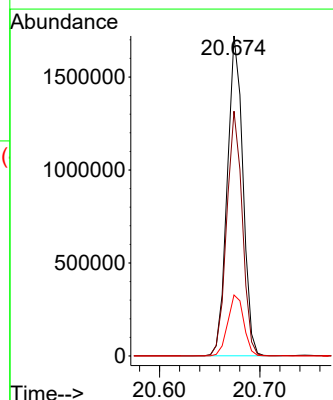
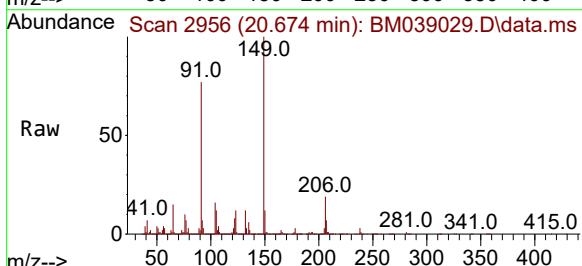
Tgt Ion:149 Resp: 1860960

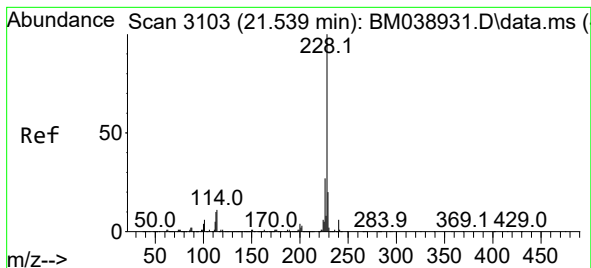
Ion Ratio Lower Upper

149 100

91 76.5 58.4 87.6

206 19.1 16.1 24.1





#81

Benzo(a)anthracene

Concen: 39.499 ng

RT: 21.527 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

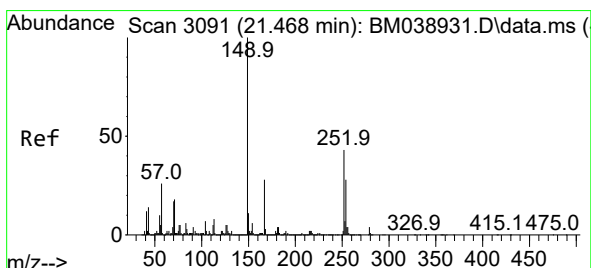
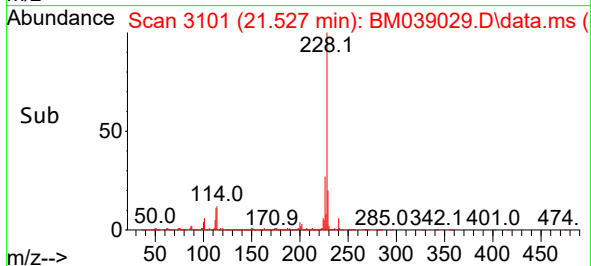
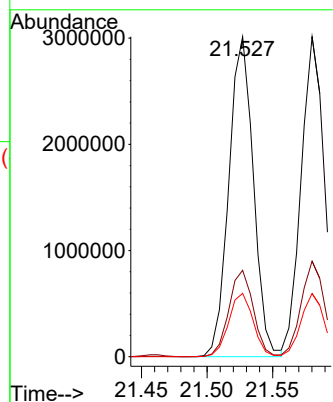
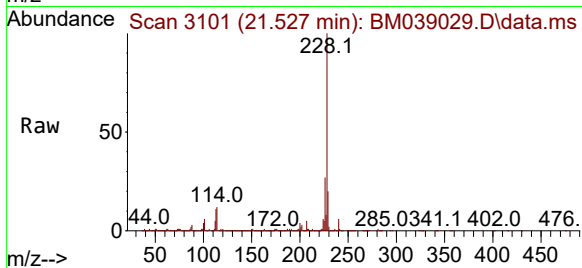
Tgt Ion:228 Resp: 3918672

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.2

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 43.382 ng

RT: 21.462 min Scan# 3090

Delta R.T. 0.006 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

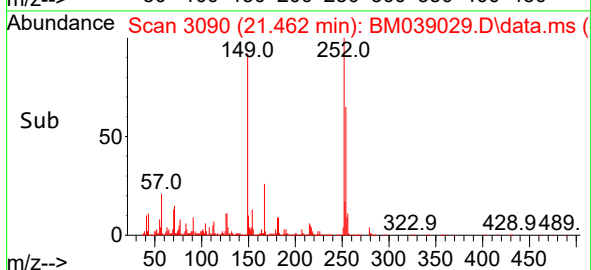
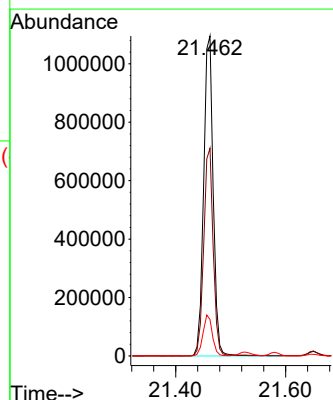
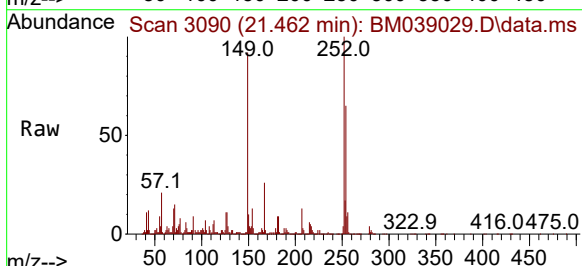
Tgt Ion:252 Resp: 1322755

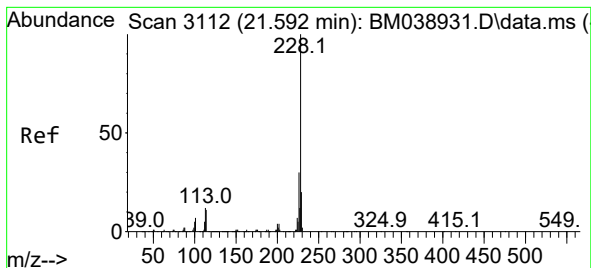
Ion Ratio Lower Upper

252 100

254 64.9 51.5 77.3

126 11.4 9.9 14.9





#83

Chrysene

Concen: 38.574 ng

RT: 21.580 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

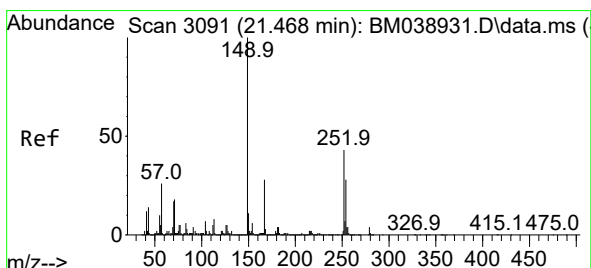
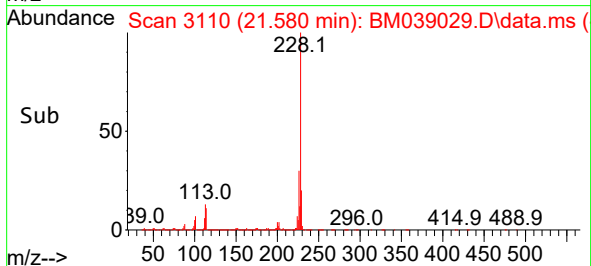
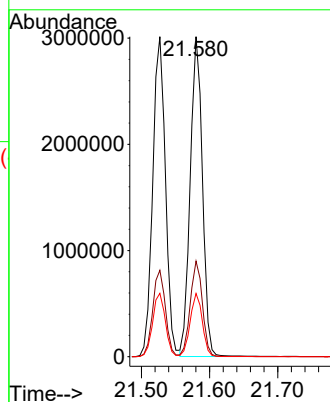
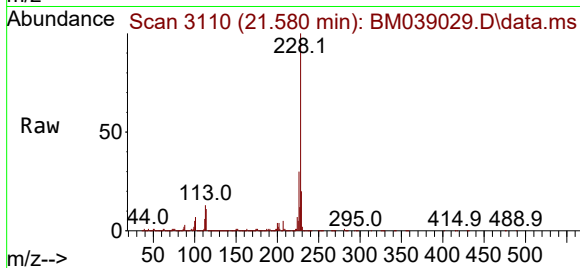
Tgt Ion:228 Resp: 3722062

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.269 ng

RT: 21.451 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

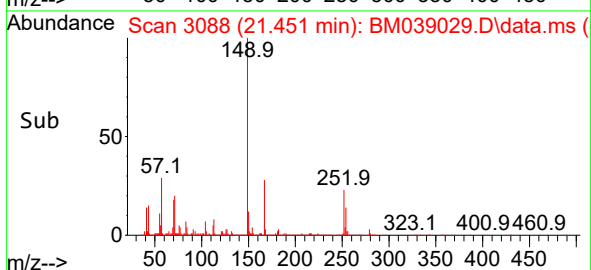
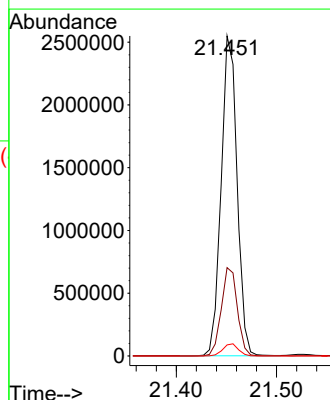
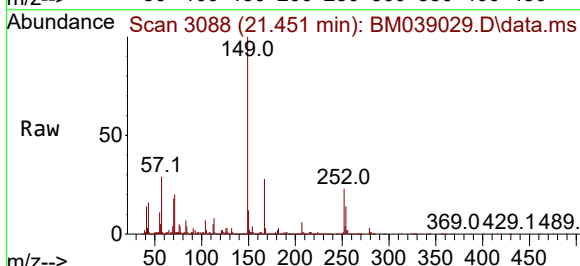
Tgt Ion:149 Resp: 2803140

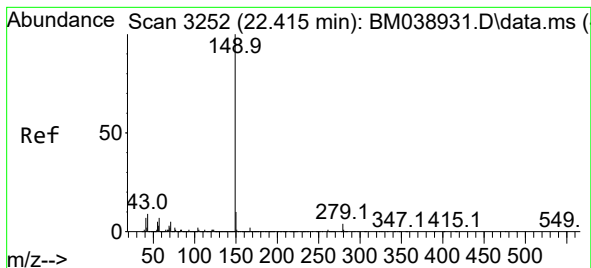
Ion Ratio Lower Upper

149 100

167 27.6 22.3 33.5

279 3.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 44.871 ng

RT: 22.392 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

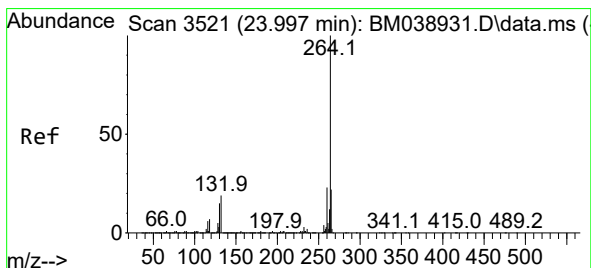
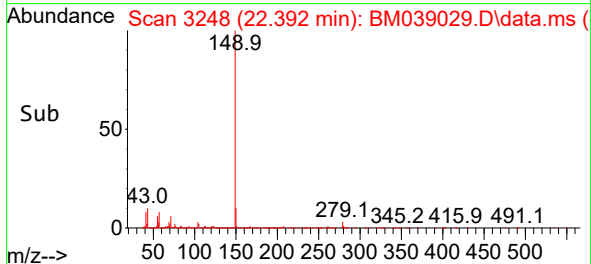
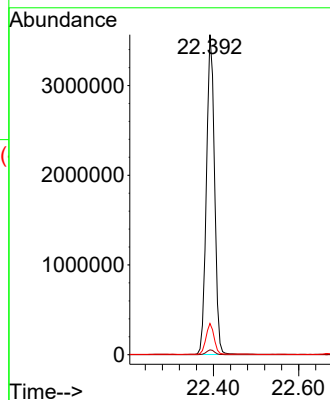
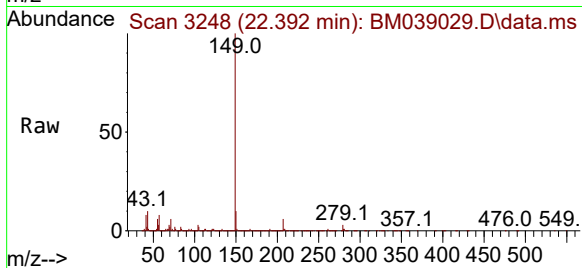
Tgt Ion:149 Resp: 4708435

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.7 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.980 min Scan# 3518

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

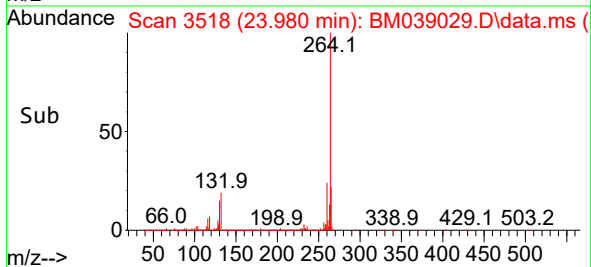
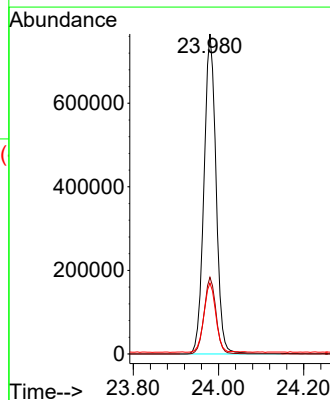
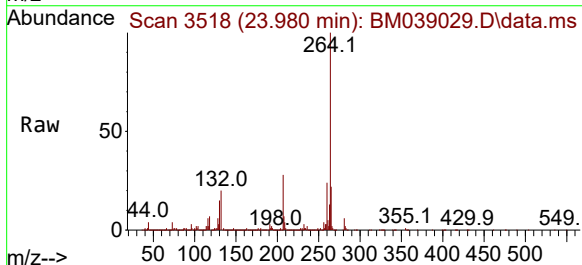
Tgt Ion:264 Resp: 1501347

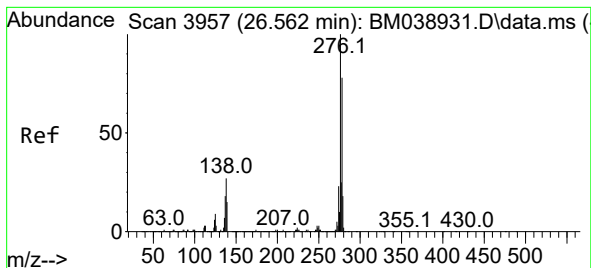
Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.2 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.906 ng

RT: 26.521 min Scan# 3950

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

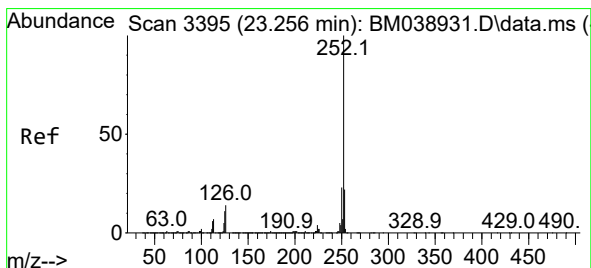
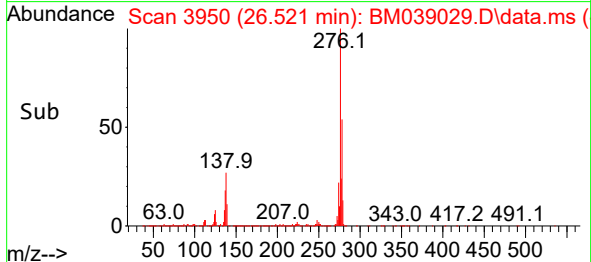
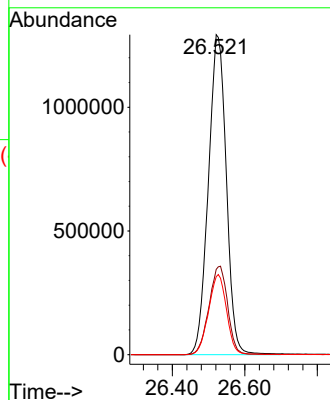
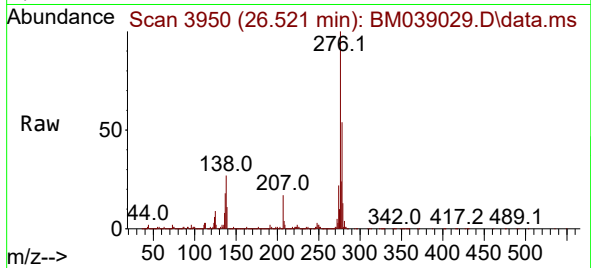
Tgt Ion:276 Resp: 4444667

Ion Ratio Lower Upper

276 100

138 28.7 22.1 33.1

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 38.620 ng

RT: 23.239 min Scan# 3392

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

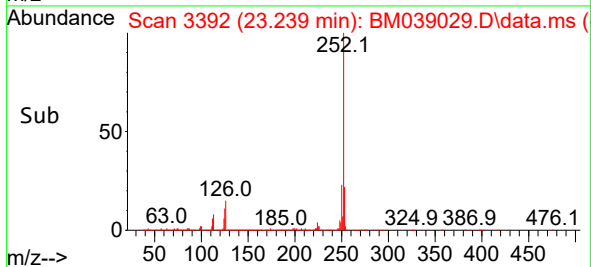
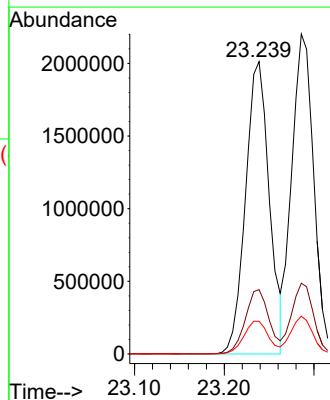
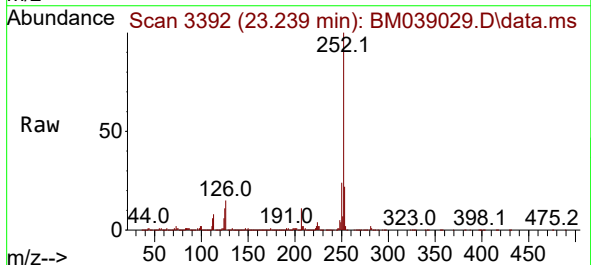
Tgt Ion:252 Resp: 3704242

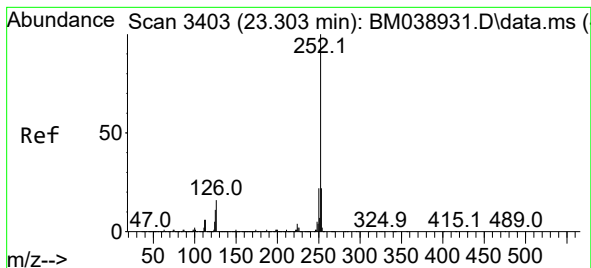
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.2 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 37.650 ng

RT: 23.286 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

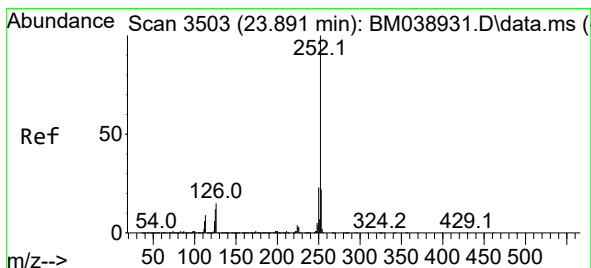
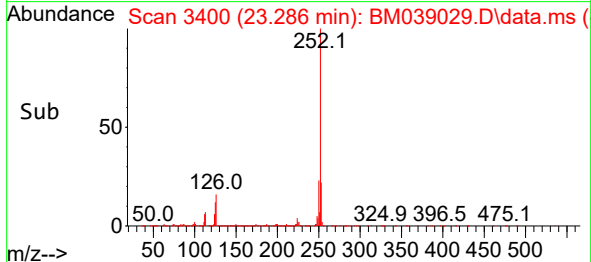
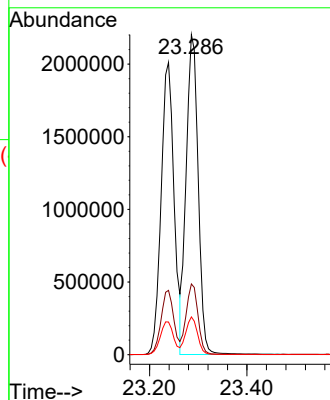
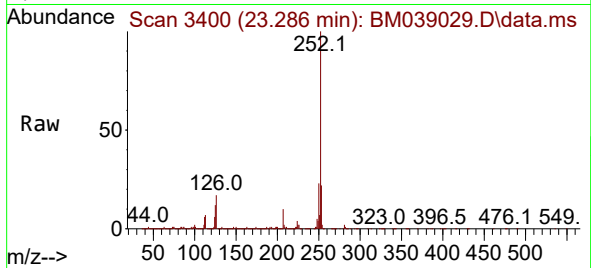
Tgt Ion:252 Resp: 3758218

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 11.8 8.9 13.3



#90

Benzo(a)pyrene

Concen: 39.213 ng

RT: 23.874 min Scan# 3500

Delta R.T. 0.000 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

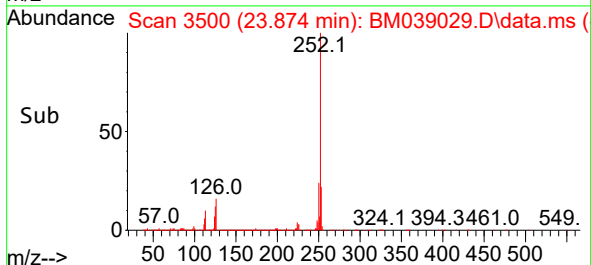
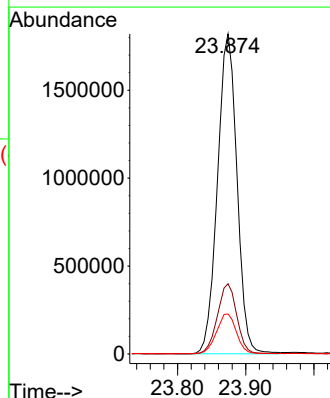
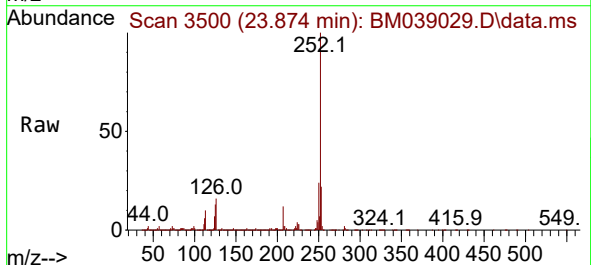
Tgt Ion:252 Resp: 3619774

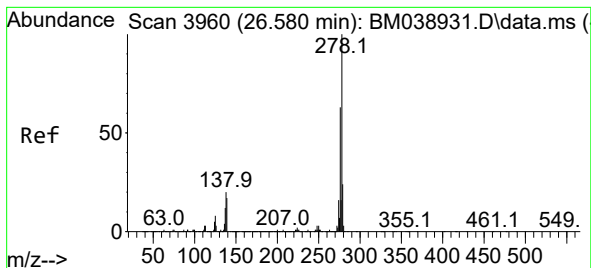
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 12.5 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 38.571 ng

RT: 26.544 min Scan# 3954

Delta R.T. 0.006 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

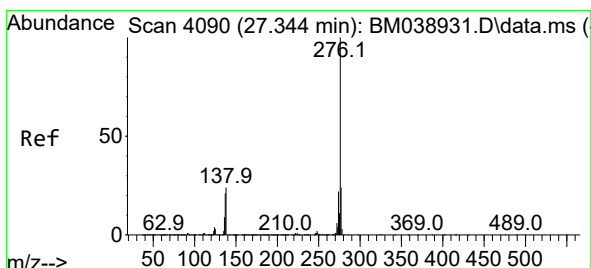
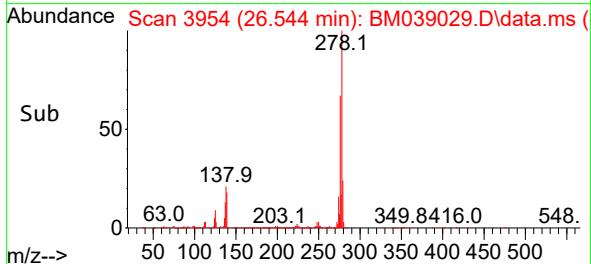
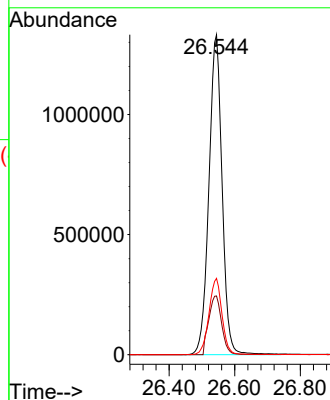
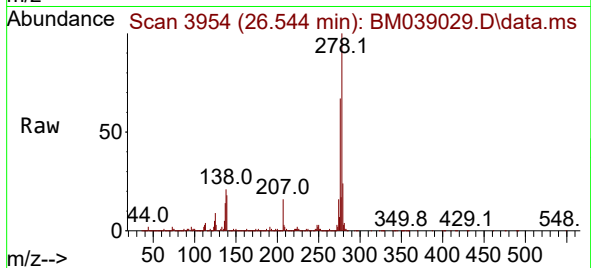
Tgt Ion:278 Resp: 3731658

Ion Ratio Lower Upper

278 100

139 18.4 13.7 20.5

279 23.9 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 38.310 ng

RT: 27.309 min Scan# 4084

Delta R.T. 0.006 min

Lab File: BM039029.D

Acq: 17 Mar 2023 10:50

Tgt Ion:276 Resp: 3626202

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 25.1 19.0 28.6

