

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039044.D
 Acq On : 20 Mar 2023 14:44
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 21 04:07:56 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	379218	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	1571386	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	910190	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	1749024	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1413025	20.000	ng	0.00
86) Perylene-d12	23.968	264	1408526	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1953247	78.254	ng	0.00
7) Phenol-d6	7.134	99	2607987	80.442	ng	0.00
23) Nitrobenzene-d5	9.146	82	2613854	81.708	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	819507	77.830	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	5340185	76.378	ng	0.00
79) Terphenyl-d14	19.980	244	6555700	84.825	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	427226	38.474	ng	98
3) Pyridine	3.799	79	1241920	40.327	ng	97
4) n-Nitrosodimethylamine	3.711	42	524637	41.864	ng	97
6) Aniline	7.299	93	1765042	41.463	ng	98
8) 2-Chlorophenol	7.534	128	1074590	40.439	ng	99
9) Benzaldehyde	7.110	77	589127	38.186	ng	100
10) Phenol	7.157	94	1390524	40.388	ng	99
11) bis(2-Chloroethyl)ether	7.399	93	1156043	41.299	ng	98
12) 1,3-Dichlorobenzene	7.863	146	1101829	39.017	ng	99
13) 1,4-Dichlorobenzene	8.010	146	1117912	38.923	ng	100
14) 1,2-Dichlorobenzene	8.328	146	1083186	39.153	ng	99
15) Benzyl Alcohol	8.216	79	1006504	43.313	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.510	45	1583728	44.799	ng	99
17) 2-Methylphenol	8.416	107	991834	41.937	ng	99
18) Hexachloroethane	9.057	117	434639	41.016	ng	97
19) n-Nitroso-di-n-propyla...	8.793	70	964873	47.250	ng	98
20) 3+4-Methylphenols	8.751	107	1336207	42.313	ng	100
22) Acetophenone	8.804	105	1731156	39.267	ng	98
24) Nitrobenzene	9.187	77	1357501	40.373	ng	99
25) Isophorone	9.716	82	2553115	43.370	ng	99
26) 2-Nitrophenol	9.898	139	569559	38.964	ng	99
27) 2,4-Dimethylphenol	9.957	122	1035706	40.378	ng	99
28) bis(2-Chloroethoxy)met...	10.198	93	1579302	41.753	ng	99
29) 2,4-Dichlorophenol	10.434	162	972781	40.001	ng	99
30) 1,2,4-Trichlorobenzene	10.651	180	996063	37.482	ng	99
31) Naphthalene	10.840	128	3471967	38.748	ng	100
32) Benzoic acid	10.098	122	752774	40.954	ng	98
33) 4-Chloroaniline	10.945	127	1563658	40.948	ng	99
34) Hexachlorobutadiene	11.122	225	569616	37.378	ng	98
35) Caprolactam	11.745	113	315992	42.693	ng	93
36) 4-Chloro-3-methylphenol	12.069	107	1096902	42.359	ng	98
37) 2-Methylnaphthalene	12.445	142	2400919	39.978	ng	99
38) 1-Methylnaphthalene	12.663	142	2284347	40.588	ng	100
40) 1,2,4,5-Tetrachloroben...	12.810	216	1081742	36.558	ng	99
41) Hexachlorocyclopentadiene	12.792	237	649034	39.960	ng	99
43) 2,4,6-Trichlorophenol	13.045	196	747146	38.993	ng	99

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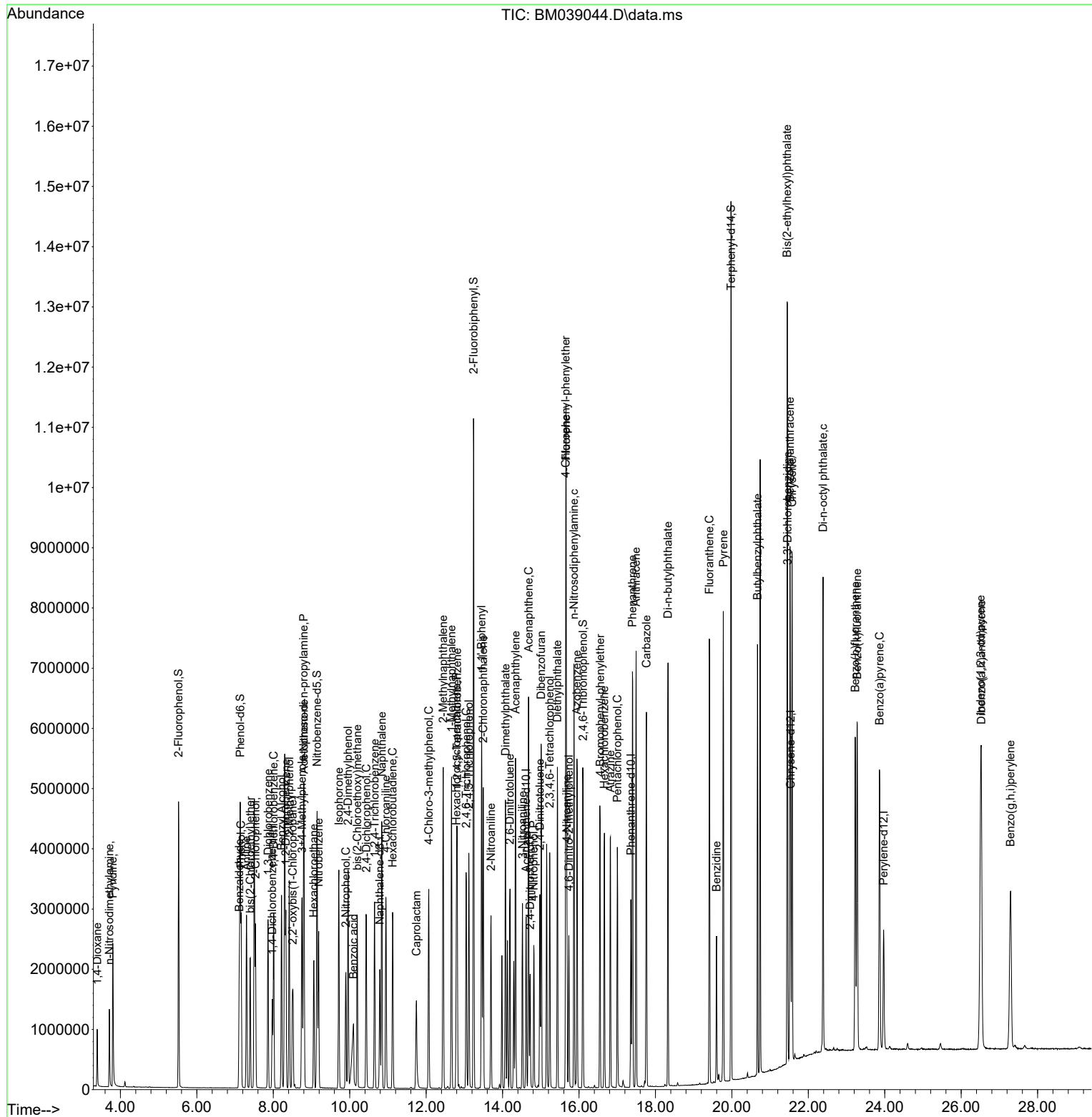
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	877940	39.145	ng	99
46) 1,1'-Biphenyl	13.451	154	2967177	38.480	ng	99
47) 2-Chloronaphthalene	13.492	162	2207409	37.963	ng	99
48) 2-Nitroaniline	13.698	65	759608	41.135	ng	100
49) Acenaphthylene	14.339	152	3672138	39.648	ng	100
50) Dimethylphthalate	14.075	163	2814149	40.180	ng	100
51) 2,6-Dinitrotoluene	14.192	165	595474	38.740	ng	94
52) Acenaphthene	14.680	154	2201148	38.671	ng	99
53) 3-Nitroaniline	14.522	138	694031	38.649	ng	100
54) 2,4-Dinitrophenol	14.722	184	329035	39.751	ng	98
55) Dibenzofuran	15.010	168	3441614	38.639	ng	98
56) 4-Nitrophenol	14.816	139	548114	39.405	ng	94
57) 2,4-Dinitrotoluene	14.975	165	791687	39.234	ng	95
58) Fluorene	15.663	166	2753215	39.460	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	682886	39.480	ng	98
60) Diethylphthalate	15.433	149	2889672	42.403	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1359161	39.653	ng	97
62) 4-Nitroaniline	15.680	138	699730	38.332	ng	98
63) Azobenzene	15.945	77	3168527	43.941	ng	98
65) 4,6-Dinitro-2-methylph...	15.733	198	438360	39.183	ng	94
66) n-Nitrosodiphenylamine	15.869	169	2348431	39.829	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	762875	40.382	ng	98
68) Hexachlorobenzene	16.663	284	802377	37.994	ng	97
69) Atrazine	16.822	200	675938	41.969	ng	99
70) Pentachlorophenol	17.004	266	605935	39.010	ng	99
71) Phenanthrene	17.398	178	3957656	38.554	ng	100
72) Anthracene	17.492	178	4058910	39.650	ng	100
73) Carbazole	17.763	167	3662056	39.196	ng	99
74) Di-n-butylphthalate	18.327	149	4821564	42.525	ng	100
75) Fluoranthene	19.410	202	4182566	38.590	ng	98
77) Benzidine	19.598	184	1208588	38.588	ng	99
78) Pyrene	19.774	202	4405452	41.510	ng	100
80) Butylbenzylphthalate	20.668	149	1964695	43.845	ng	93
81) Benzo(a)anthracene	21.521	228	4074901	40.045	ng	100
82) 3,3'-Dichlorobenzidine	21.456	252	1282389	41.005	ng	100
83) Chrysene	21.574	228	3855296	38.954	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	3067008	47.057	ng	99
85) Di-n-octyl phthalate	22.386	149	4949753	45.894	ng	98
87) Indeno(1,2,3-cd)pyrene	26.509	276	4132434	38.557	ng	98
88) Benzo(b)fluoranthene	23.227	252	3585481	39.845	ng	99
89) Benzo(k)fluoranthene	23.280	252	3802974	40.609	ng	100
90) Benzo(a)pyrene	23.862	252	3486356	40.256	ng	99
91) Dibenzo(a,h)anthracene	26.527	278	3500202	38.562	ng	98
92) Benzo(g,h,i)perylene	27.291	276	3325349	37.446	ng	98

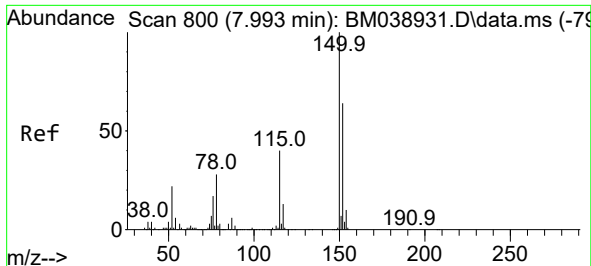
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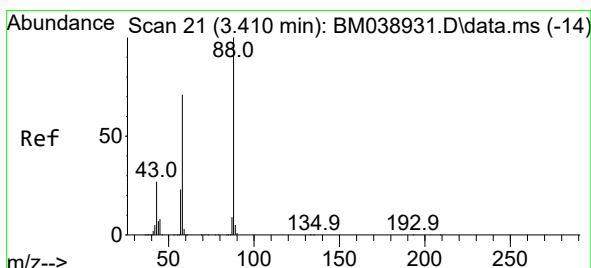
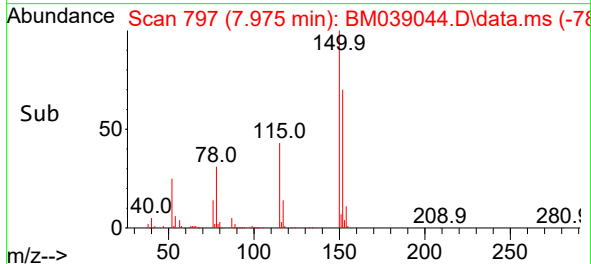
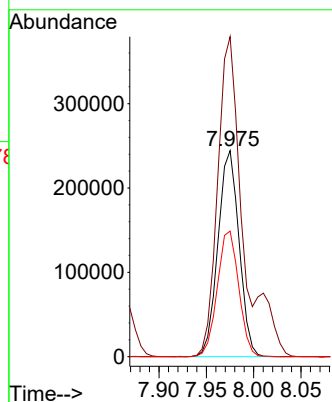
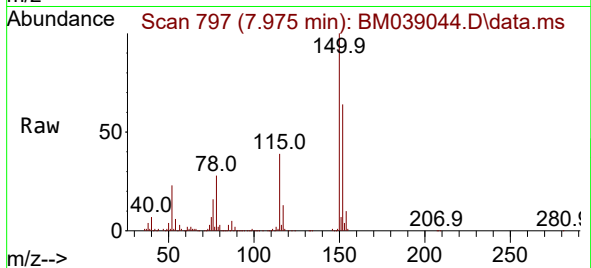




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039044.D
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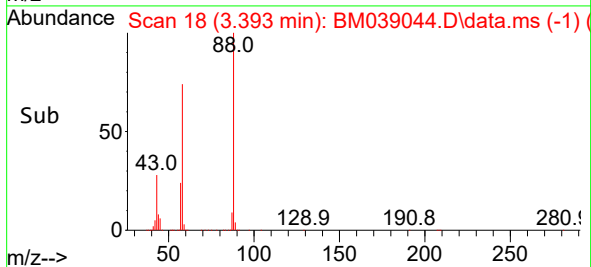
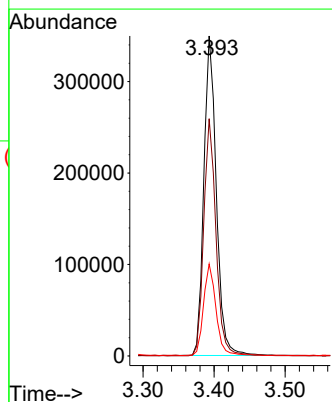
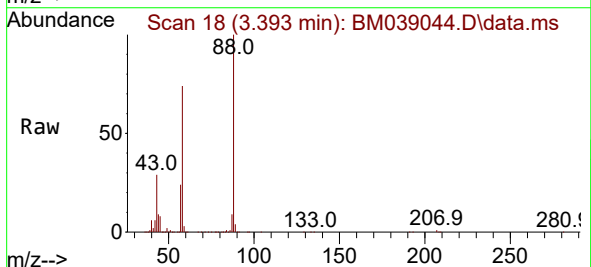
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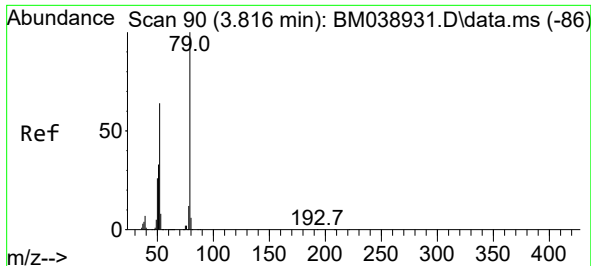
Tgt Ion:152 Resp: 379218
Ion Ratio Lower Upper
152 100
150 155.3 125.1 187.7
115 61.0 49.6 74.4



#2
1,4-Dioxane
Concen: 38.474 ng
RT: 3.393 min Scan# 18
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion: 88 Resp: 427226
Ion Ratio Lower Upper
88 100
58 73.1 57.2 85.8
43 28.6 22.0 33.0

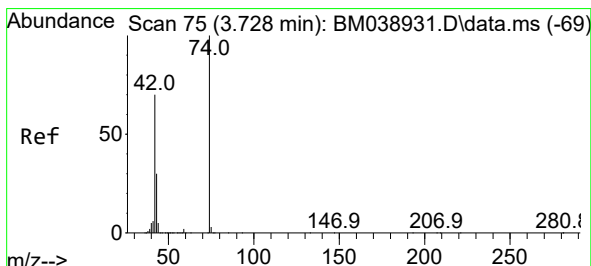
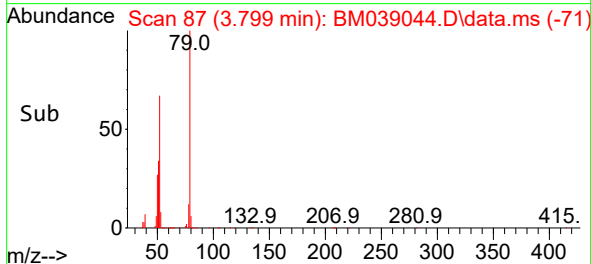
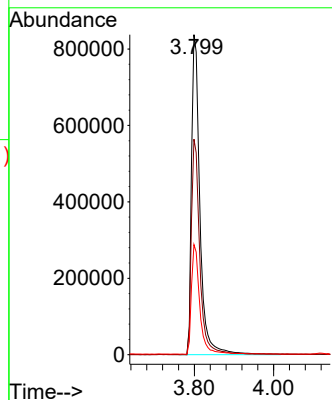
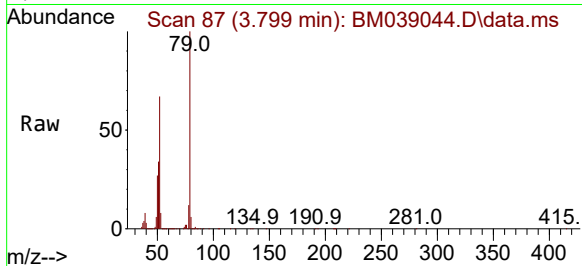




#3
 Pyridine
 Concen: 40.327 ng
 RT: 3.799 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM039044.D
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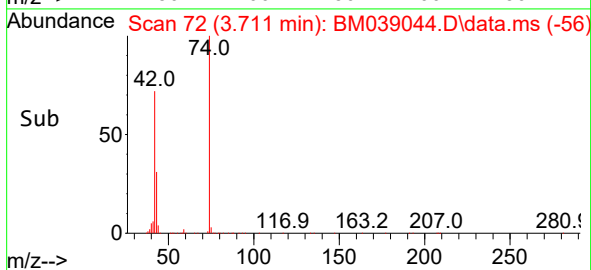
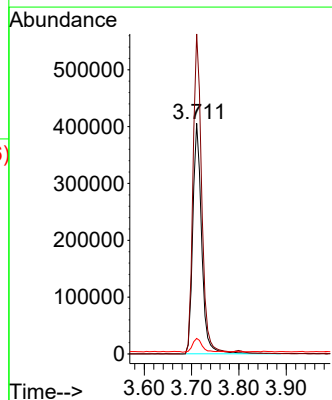
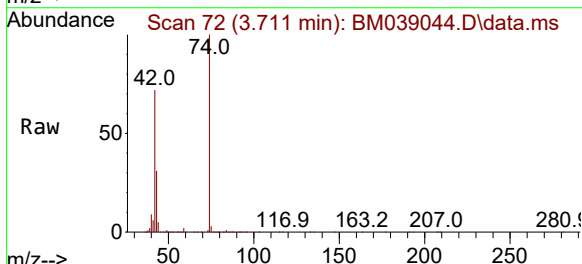
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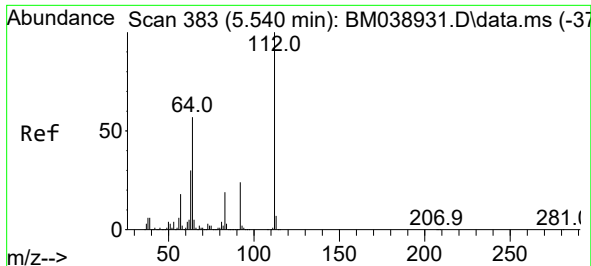
Tgt Ion: 79 Resp: 1241920
 Ion Ratio Lower Upper
 79 100
 52 67.3 51.4 77.2
 51 34.4 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 41.864 ng
 RT: 3.711 min Scan# 72
 Delta R.T. -0.006 min
 Lab File: BM039044.D
 Acq: 20 Mar 2023 14:44

Tgt Ion: 42 Resp: 524637
 Ion Ratio Lower Upper
 42 100
 74 138.8 113.8 170.8
 44 6.7 6.2 9.2

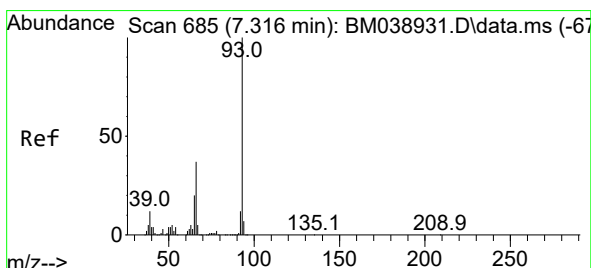
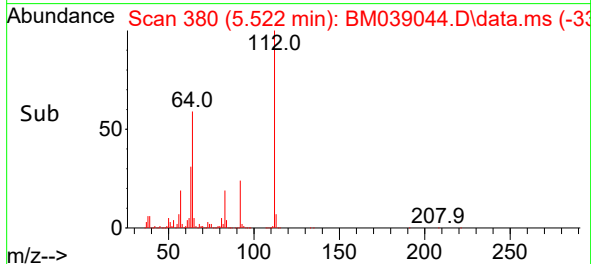
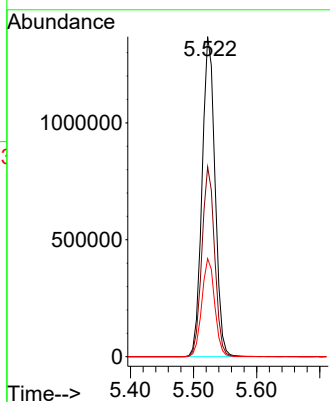
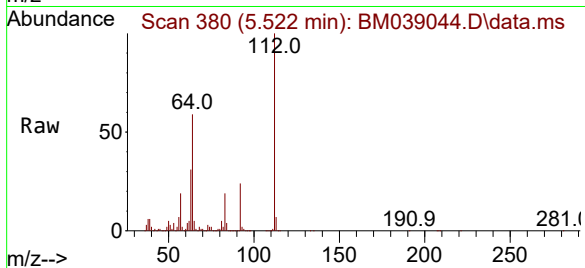




#5
2-Fluorophenol
Concen: 78.254 ng
RT: 5.522 min Scan# 380
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

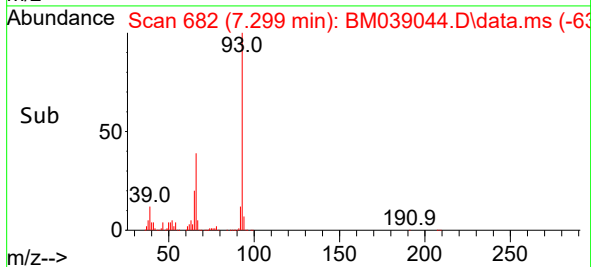
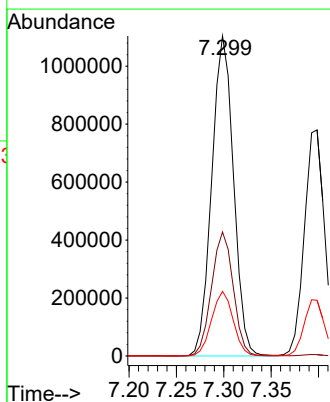
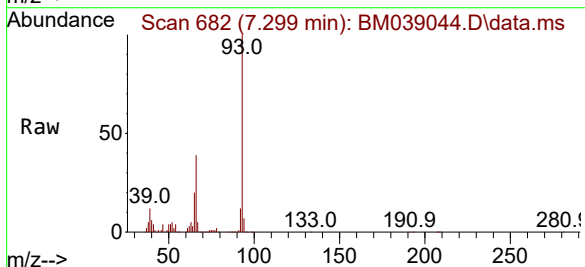
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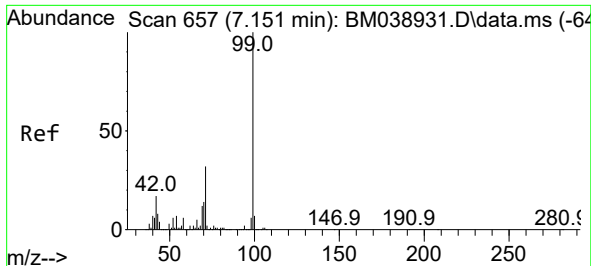
Tgt Ion:112 Resp: 1953247
Ion Ratio Lower Upper
112 100
64 59.3 45.9 68.9
63 30.7 23.8 35.8



#6
Aniline
Concen: 41.463 ng
RT: 7.299 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion: 93 Resp: 1765042
Ion Ratio Lower Upper
93 100
66 38.8 30.0 45.0
65 20.2 15.8 23.6

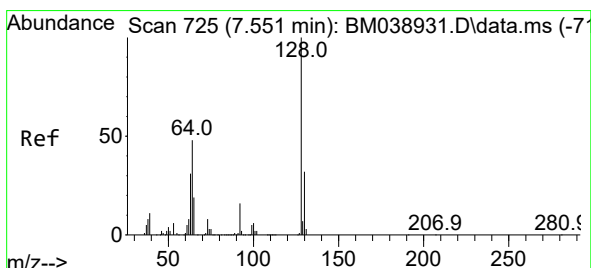
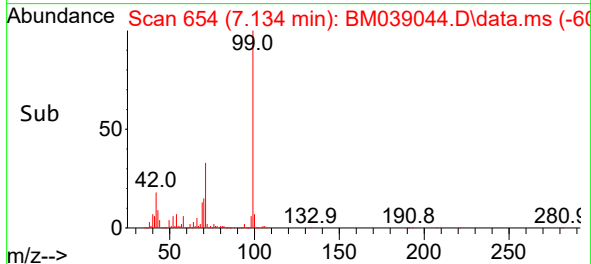
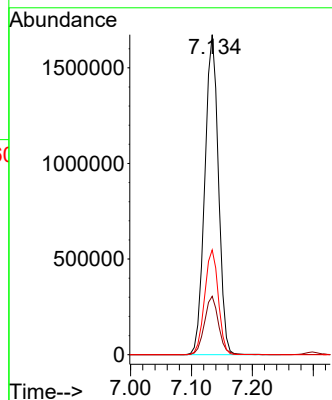
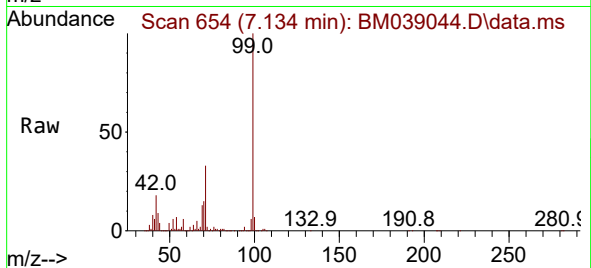




#7
Phenol-d6
Concen: 80.442 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039044.D
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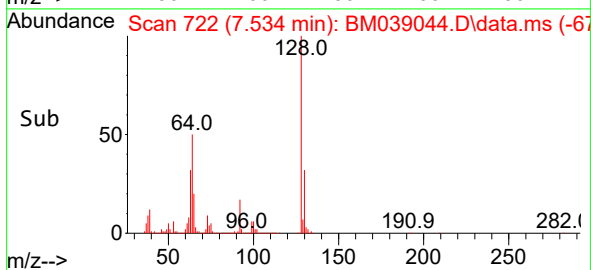
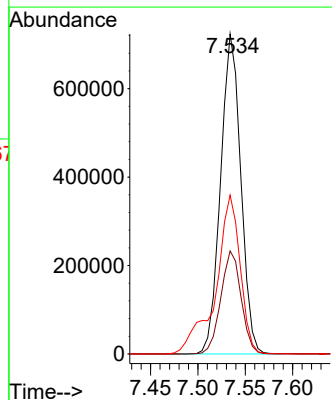
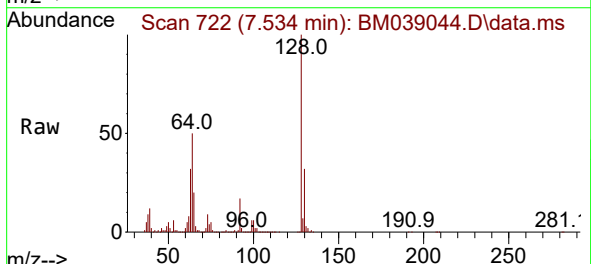
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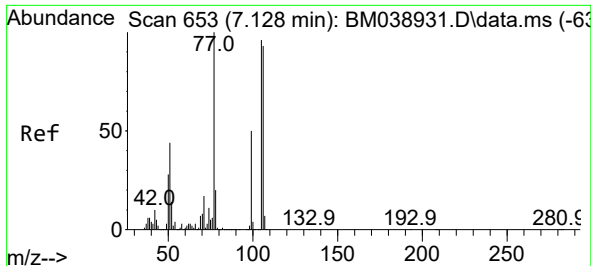
Tgt Ion: 99 Resp: 2607987
Ion Ratio Lower Upper
99 100
42 18.2 13.5 20.3
71 32.8 25.6 38.4



#8
2-Chlorophenol
Concen: 40.439 ng
RT: 7.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion: 128 Resp: 1074590
Ion Ratio Lower Upper
128 100
130 32.2 11.9 51.9
64 49.7 28.6 68.6

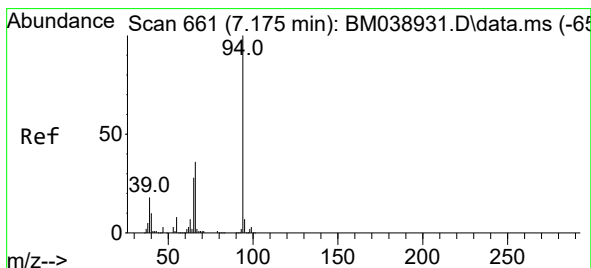
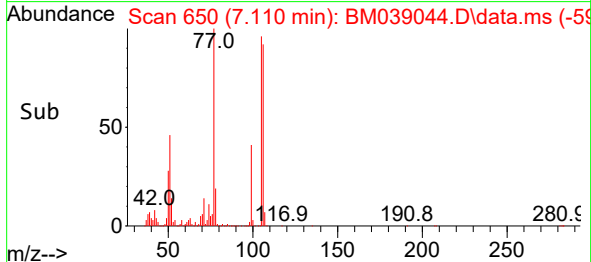
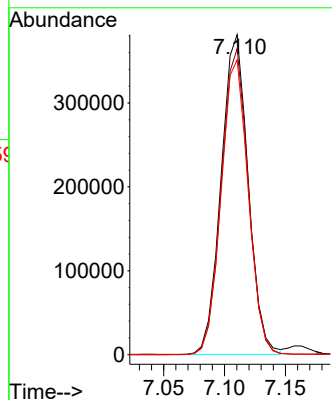
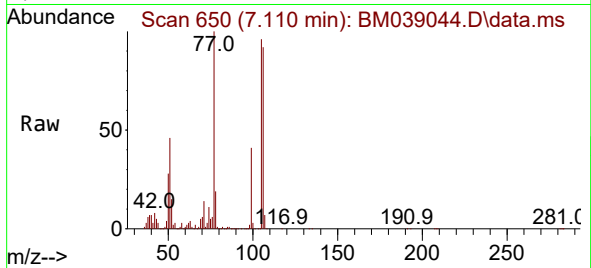




#9
Benzaldehyde
Concen: 38.186 ng
RT: 7.110 min Scan# 611
Delta R.T. 0.000 min
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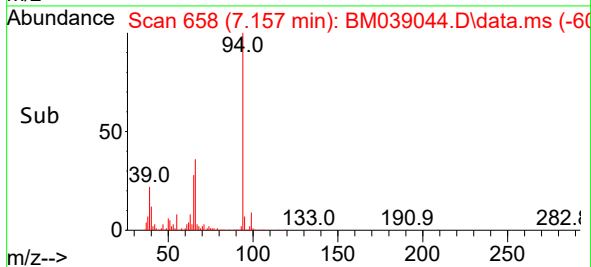
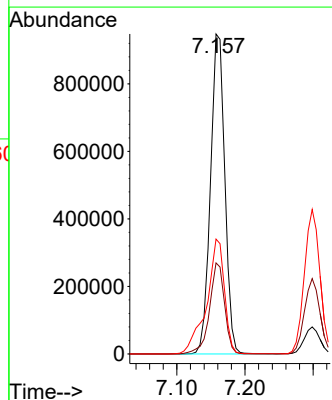
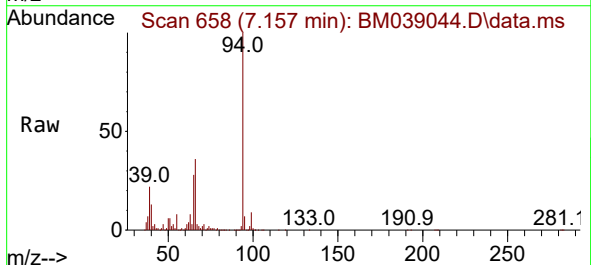
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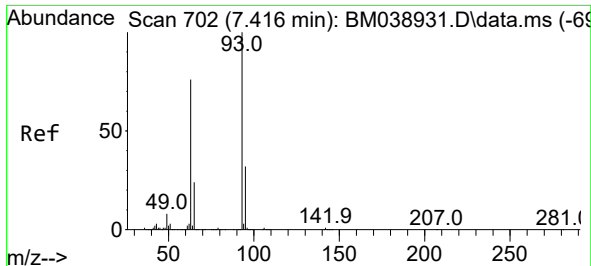
Tgt Ion: 77 Resp: 589127
Ion Ratio Lower Upper
77 100
105 95.6 75.8 115.8
106 92.2 72.6 112.6



#10
Phenol
Concen: 40.388 ng
RT: 7.157 min Scan# 658
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion: 94 Resp: 1390524
Ion Ratio Lower Upper
94 100
65 28.4 7.9 47.9
66 35.9 15.8 55.8

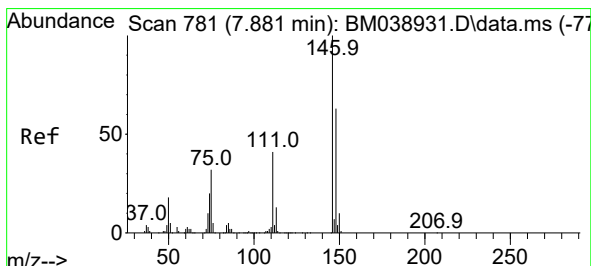
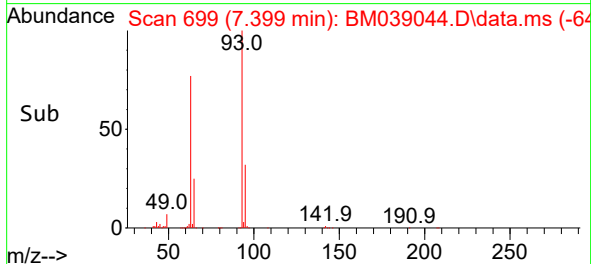
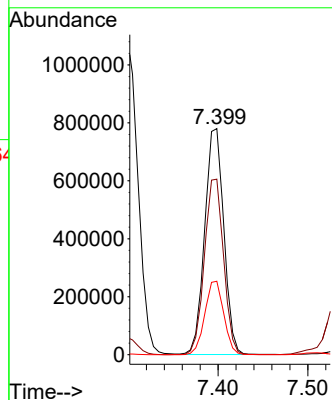
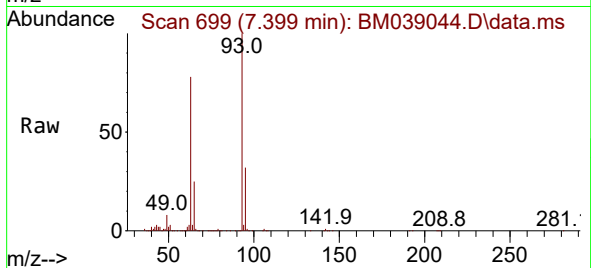




#11
bis(2-Chloroethyl)ether
Concen: 41.299 ng
RT: 7.399 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

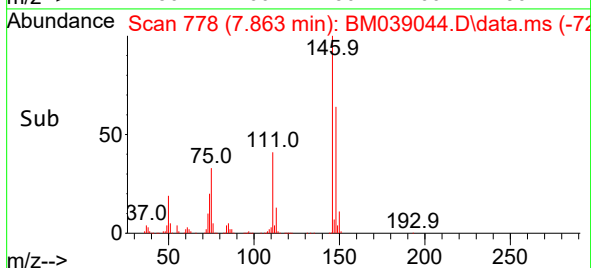
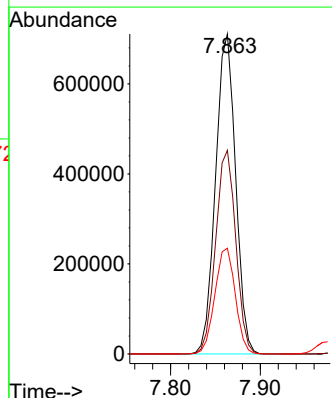
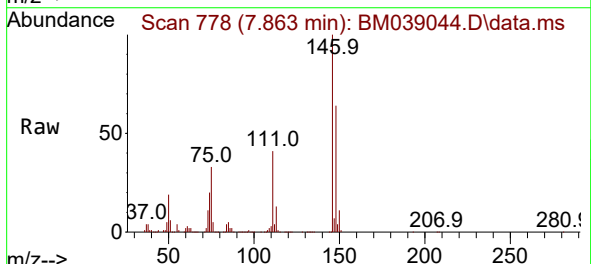
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

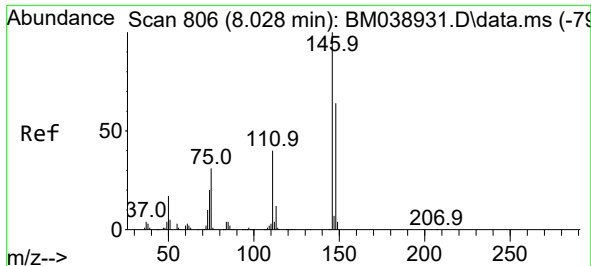
Tgt Ion: 93 Resp: 1156043
Ion Ratio Lower Upper
93 100
63 77.7 55.8 95.8
95 32.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.017 ng
RT: 7.863 min Scan# 778
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion:146 Resp: 1101829
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
75 33.1 26.0 39.0

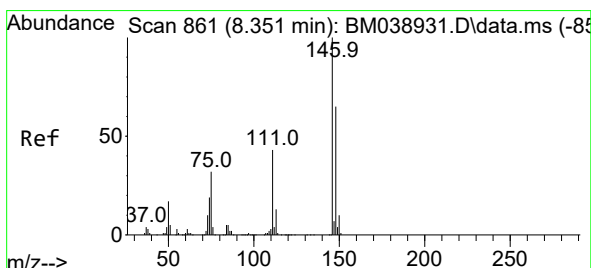
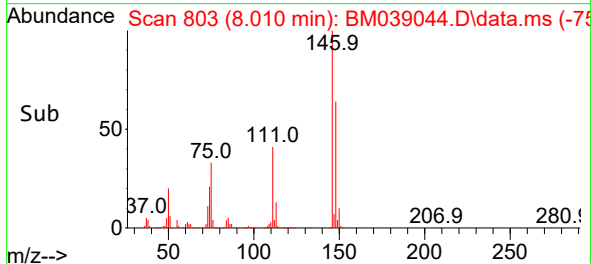
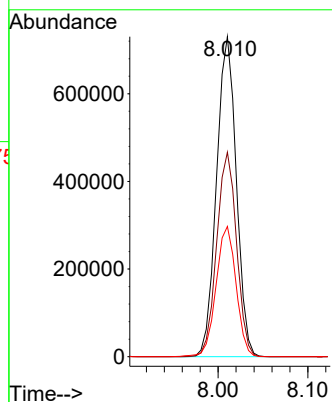
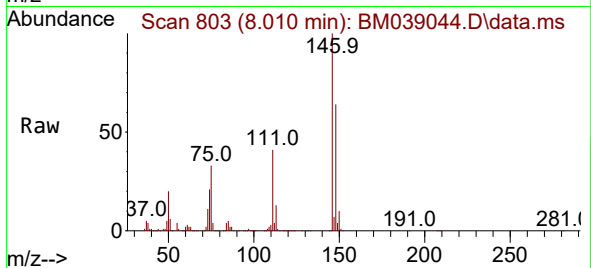




#13
1,4-Dichlorobenzene
Concen: 38.923 ng
RT: 8.010 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

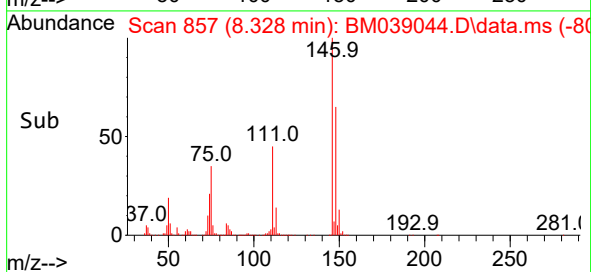
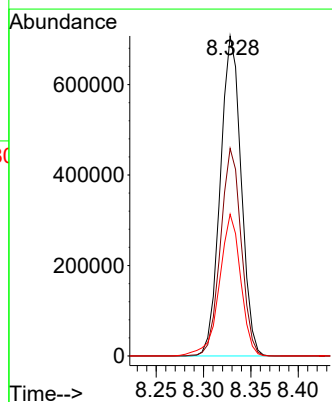
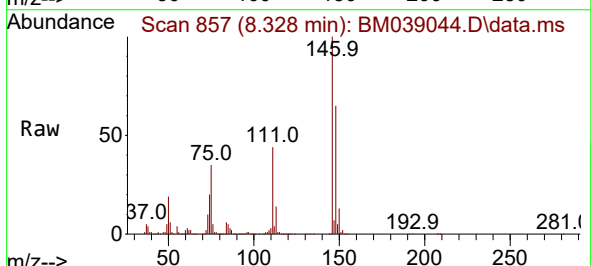
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

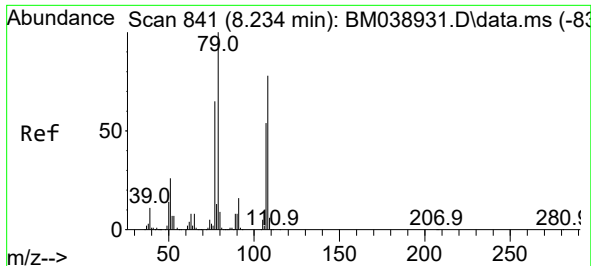
Tgt Ion:146 Resp: 1117912
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
111 40.7 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 39.153 ng
RT: 8.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion:146 Resp: 1083186
Ion Ratio Lower Upper
146 100
148 64.8 51.7 77.5
111 44.3 34.2 51.4

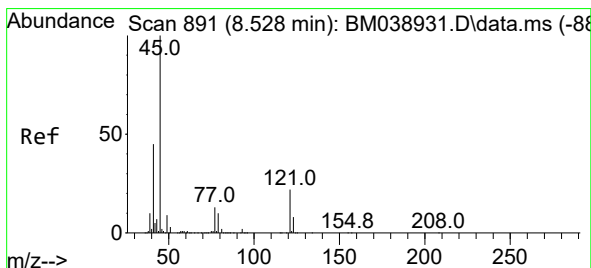
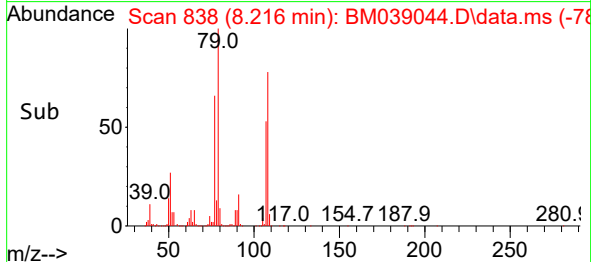
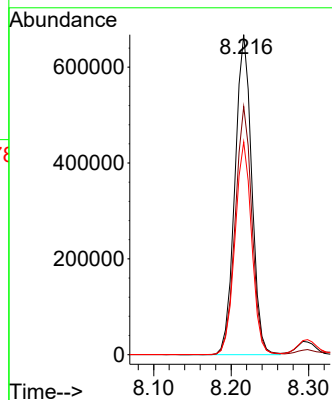
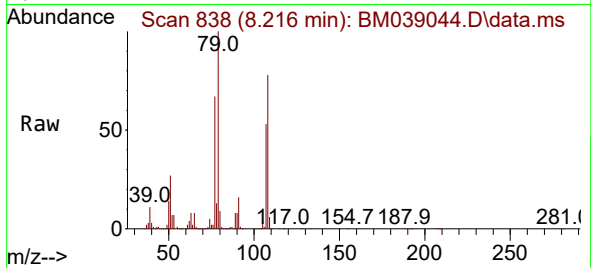




#15
Benzyl Alcohol
Concen: 43.313 ng
RT: 8.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

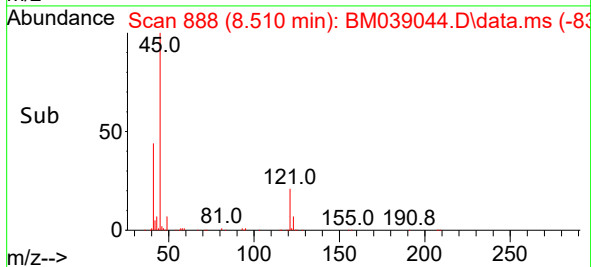
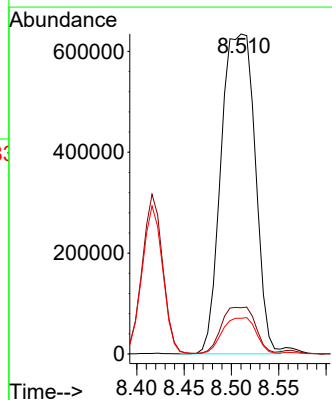
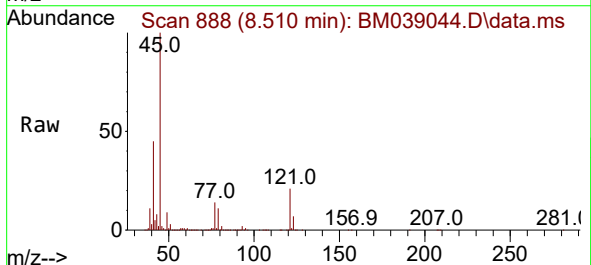
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

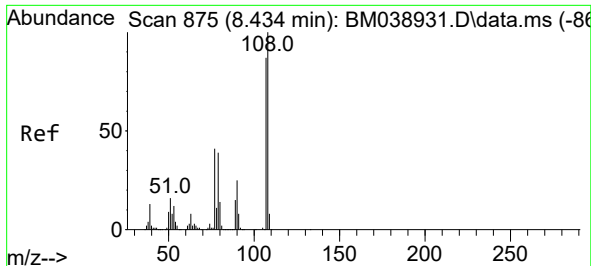
Tgt Ion: 79 Resp: 1006504
Ion Ratio Lower Upper
79 100
108 77.6 62.4 93.6
77 66.5 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.799 ng
RT: 8.510 min Scan# 888
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion: 45 Resp: 1583728
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.8
79 11.2 0.0 31.5



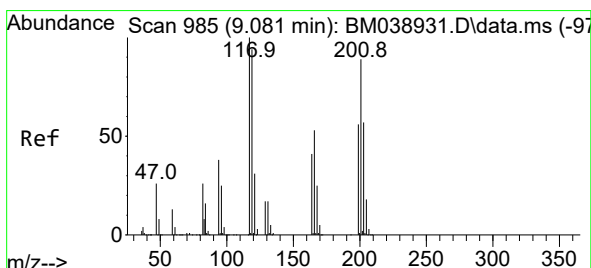
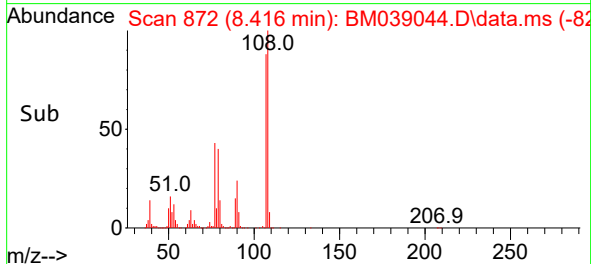
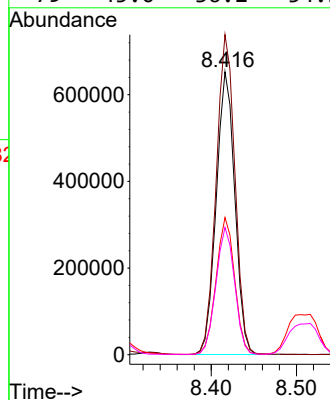
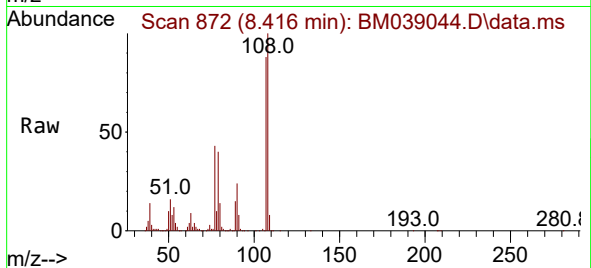


#17
2-Methylphenol
Concen: 41.937 ng
RT: 8.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 991834

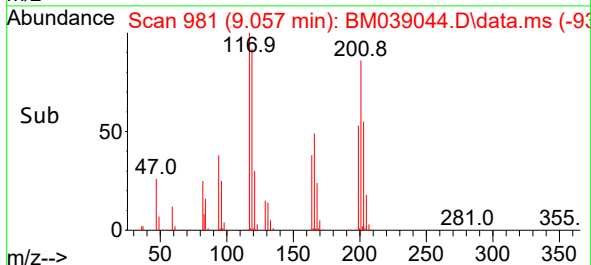
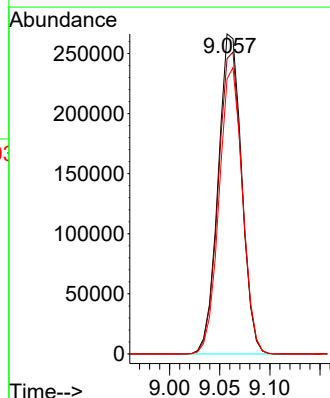
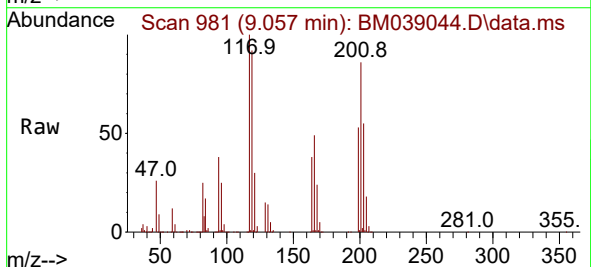
Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.7	137.5
77	48.5	37.4	56.2
79	45.0	36.2	54.2

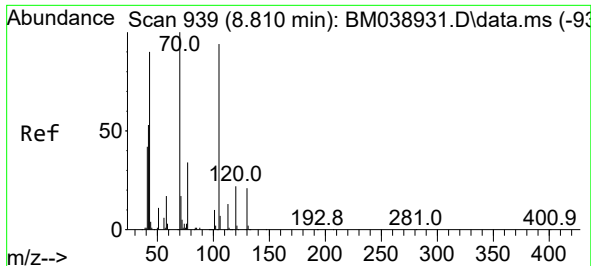


#18
Hexachloroethane
Concen: 41.016 ng
RT: 9.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion:117 Resp: 434639

Ion	Ratio	Lower	Upper
117	100		
119	92.3	75.4	113.0
201	85.9	71.3	106.9





#19

n-Nitroso-di-n-propylamine

Concen: 47.250 ng

RT: 8.793 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 964873

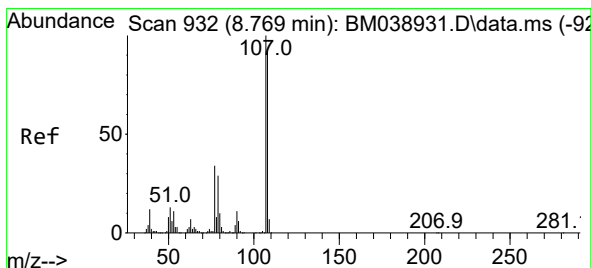
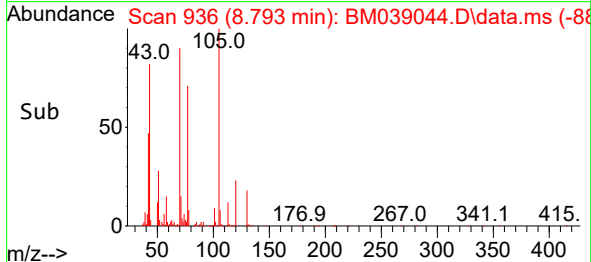
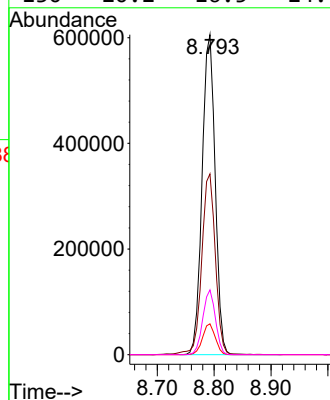
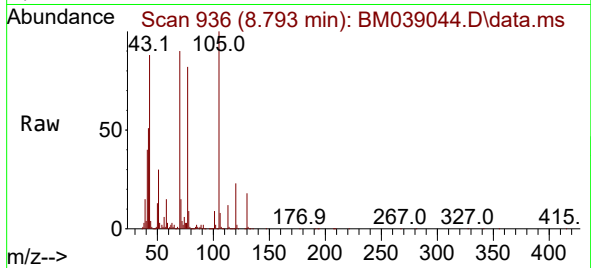
Ion Ratio Lower Upper

70 100

42 56.5 43.4 65.2

101 9.7 7.6 11.4

130 20.2 16.5 24.7



#20

3+4-Methylphenols

Concen: 42.313 ng

RT: 8.751 min Scan# 929

Delta R.T. 0.000 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Tgt Ion:107 Resp: 1336207

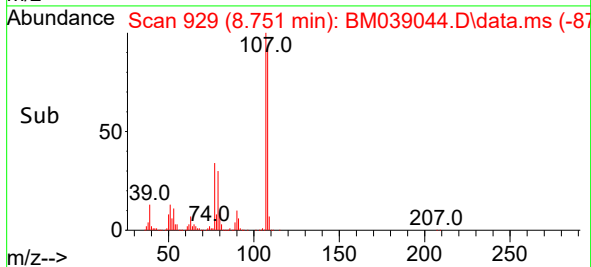
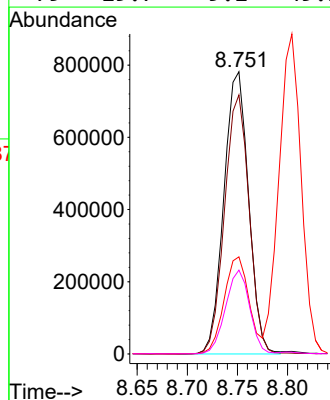
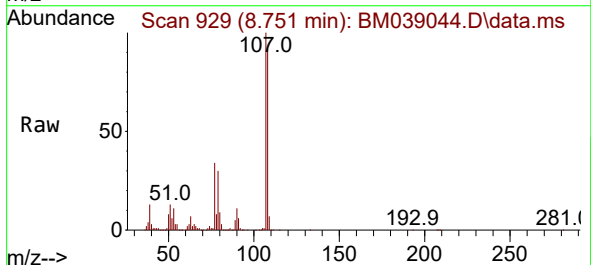
Ion Ratio Lower Upper

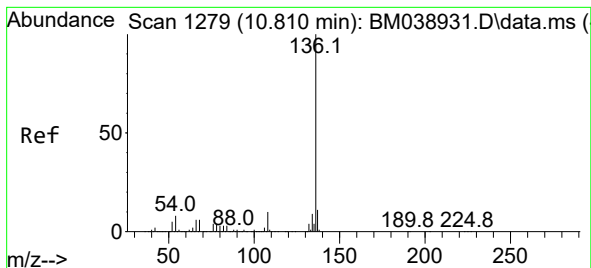
107 100

108 91.8 71.8 111.8

77 34.4 13.6 53.6

79 29.7 9.2 49.2

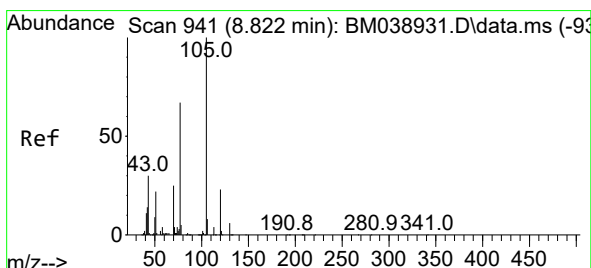
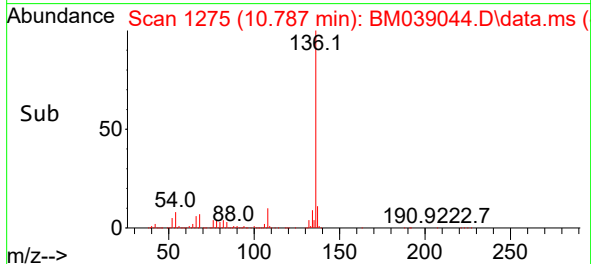
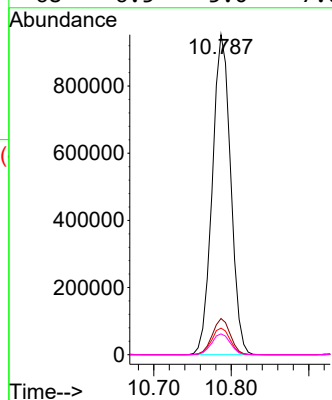
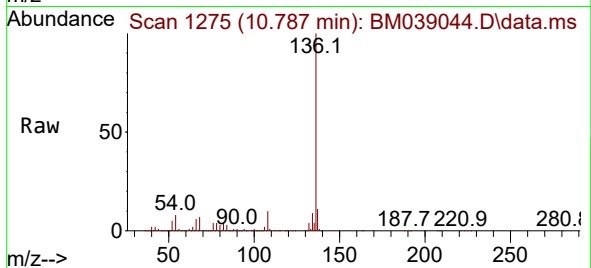




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

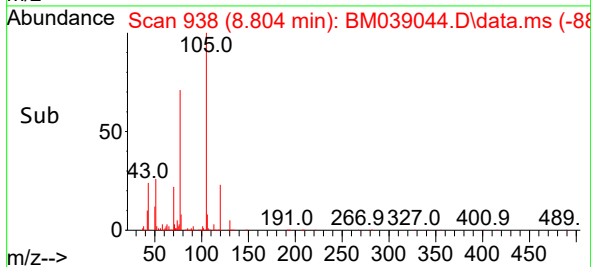
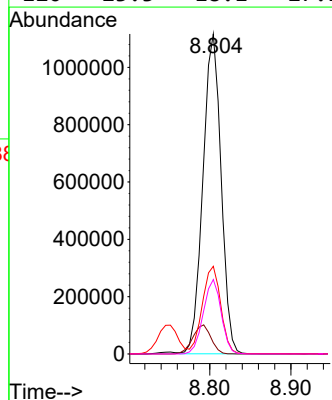
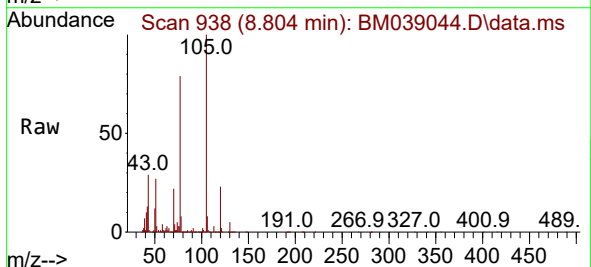
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

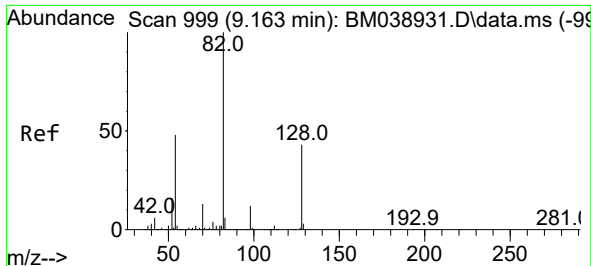
Tgt Ion:136 Resp: 1571386
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 8.3 6.3 9.5
68 6.5 5.0 7.6



#22
Acetophenone
Concen: 39.267 ng
RT: 8.804 min Scan# 938
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion:105 Resp: 1731156
Ion Ratio Lower Upper
105 100
71 3.5 3.4 5.0
51 27.4 21.0 31.4
120 23.3 18.1 27.1

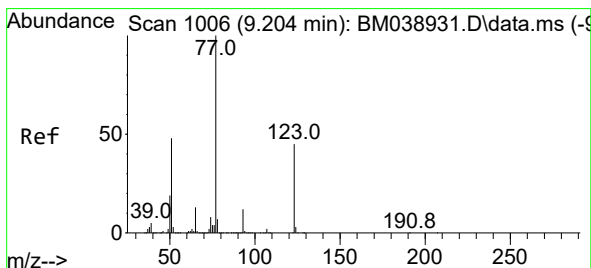
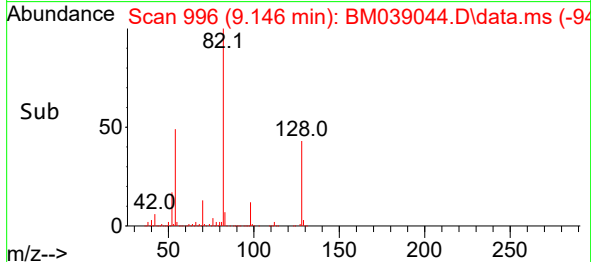
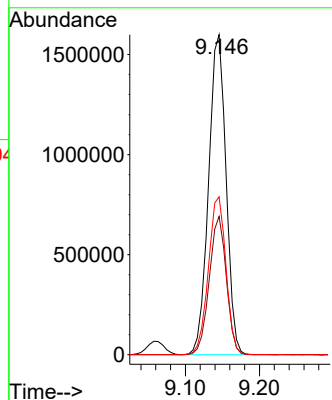
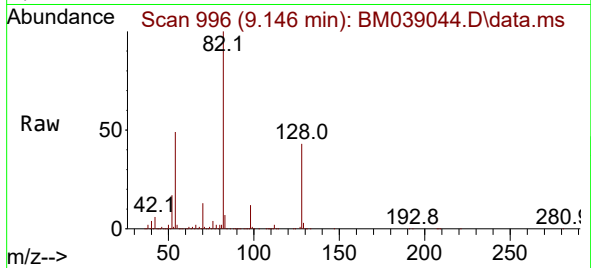




#23
Nitrobenzene-d5
Concen: 81.708 ng
RT: 9.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

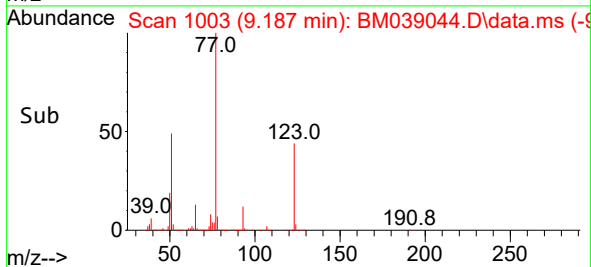
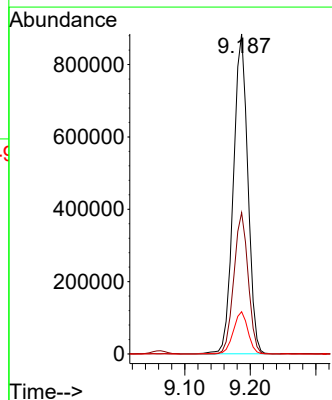
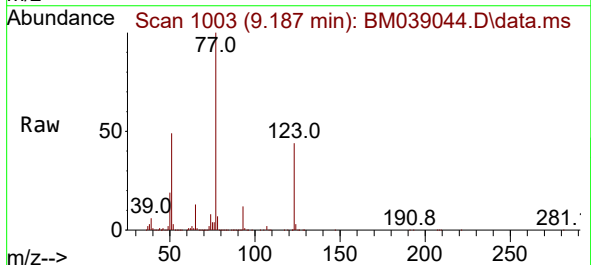
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

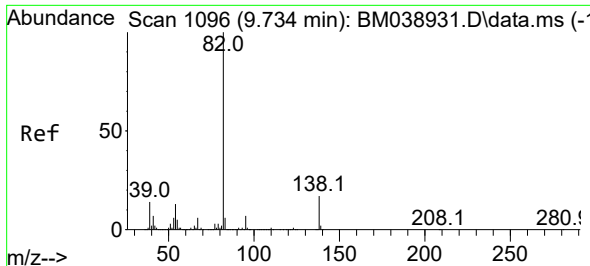
Tgt Ion: 82 Resp: 2613854
Ion Ratio Lower Upper
82 100
128 43.2 34.4 51.6
54 49.4 38.8 58.2



#24
Nitrobenzene
Concen: 40.373 ng
RT: 9.187 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion: 77 Resp: 1357501
Ion Ratio Lower Upper
77 100
123 44.2 35.8 53.6
65 13.2 10.2 15.4

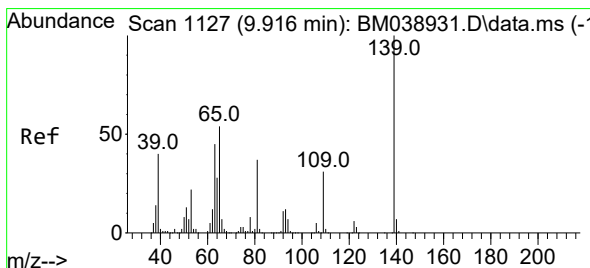
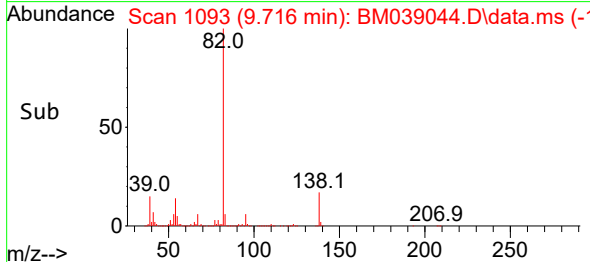
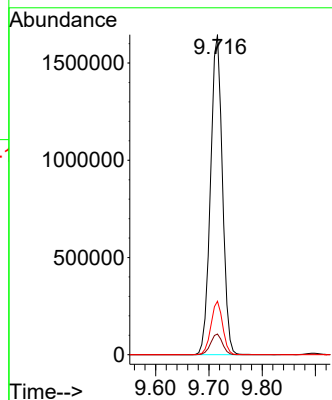
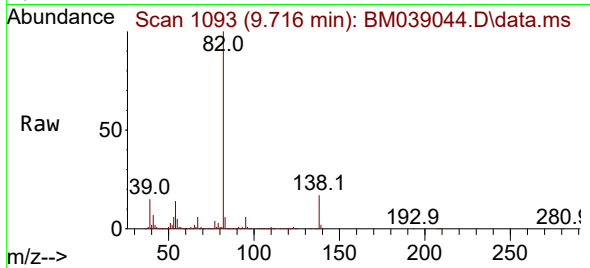




#25
Isophorone
Concen: 43.370 ng
RT: 9.716 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

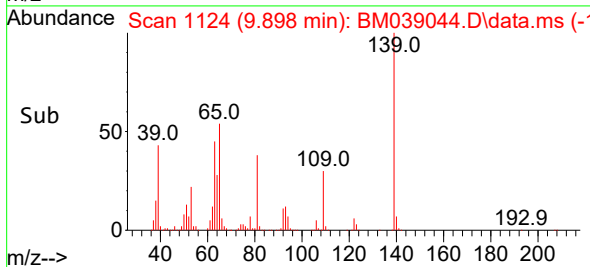
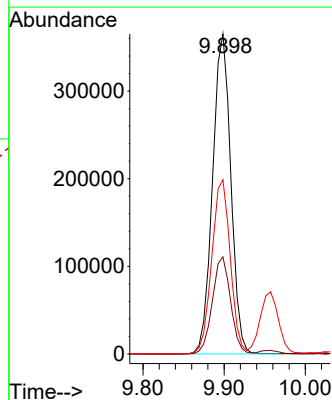
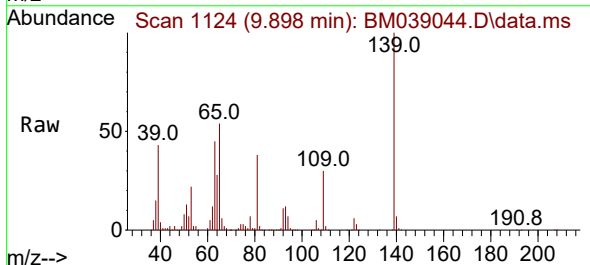
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

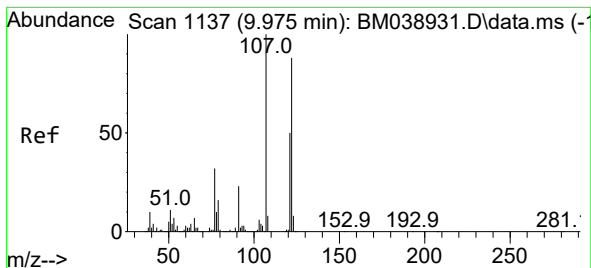
Tgt Ion: 82 Resp: 2553115
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 16.7 13.6 20.4



#26
2-Nitrophenol
Concen: 38.964 ng
RT: 9.898 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion: 139 Resp: 569559
Ion Ratio Lower Upper
139 100
109 30.4 24.5 36.7
65 54.4 43.0 64.6

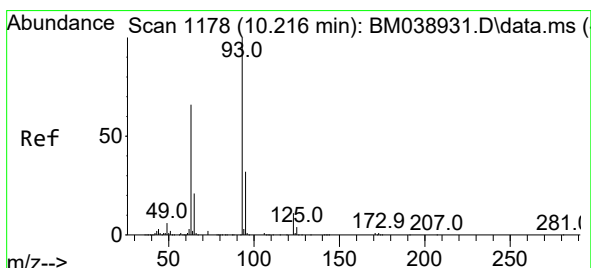
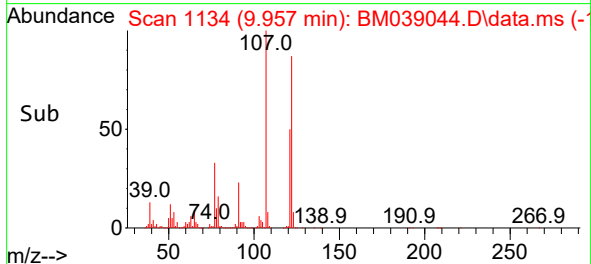
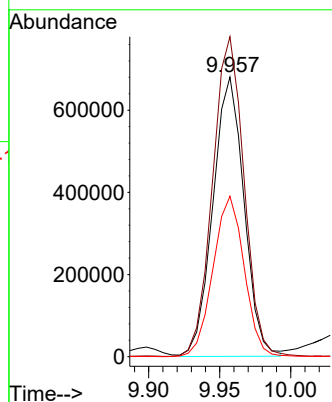
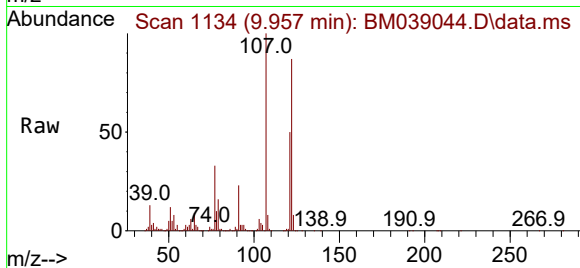




#27
2,4-Dimethylphenol
Concen: 40.378 ng
RT: 9.957 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

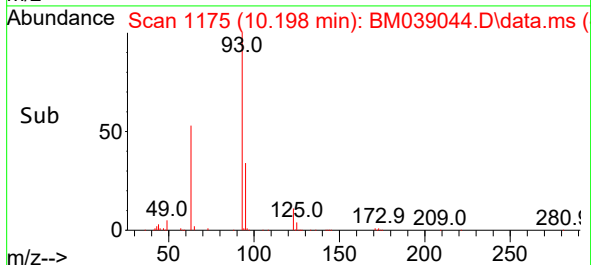
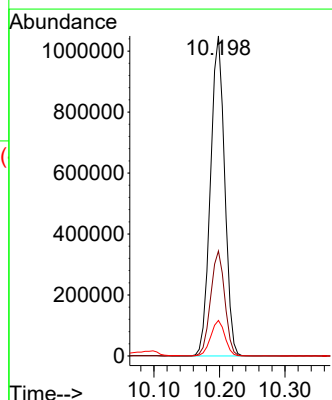
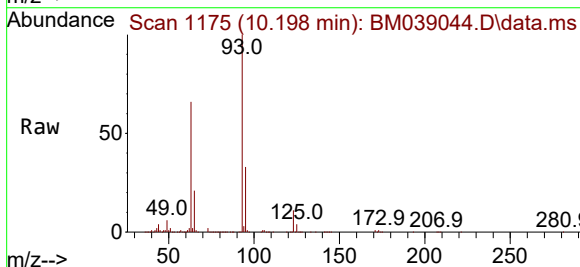
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

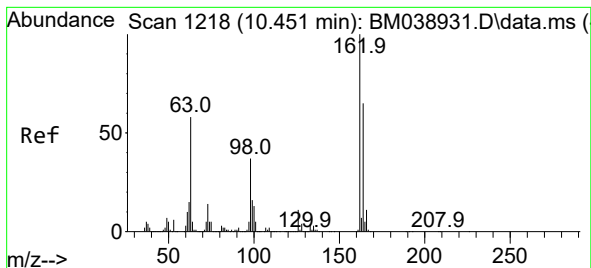
Tgt Ion:122 Resp: 1035706
Ion Ratio Lower Upper
122 100
107 114.4 91.0 136.4
121 57.4 45.1 67.7



#28
bis(2-Chloroethoxy)methane
Concen: 41.753 ng
RT: 10.198 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion: 93 Resp: 1579302
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 11.1 8.8 13.2

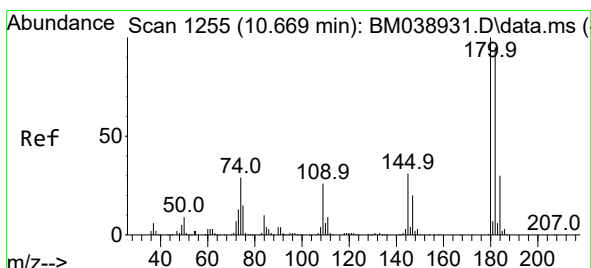
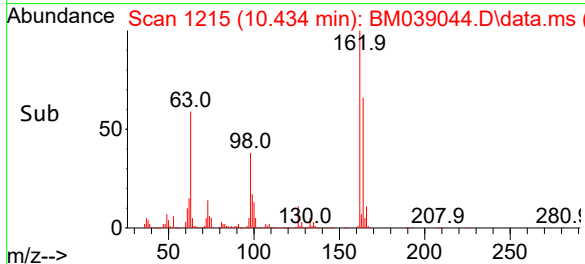
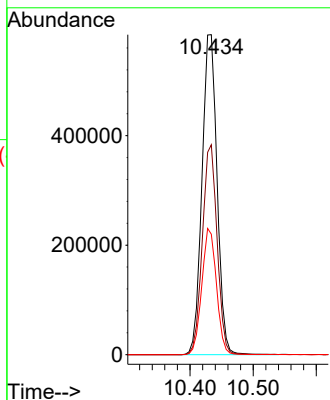
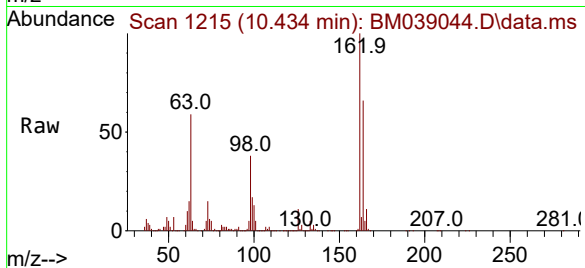




#29
2,4-Dichlorophenol
Concen: 40.001 ng
RT: 10.434 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

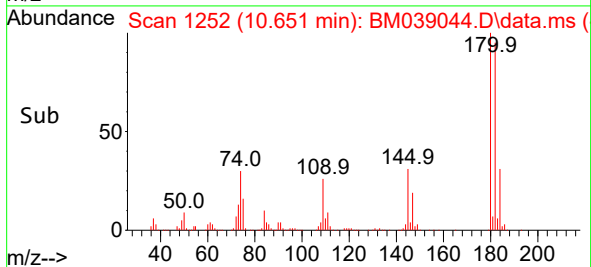
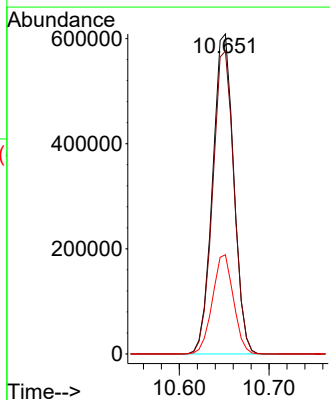
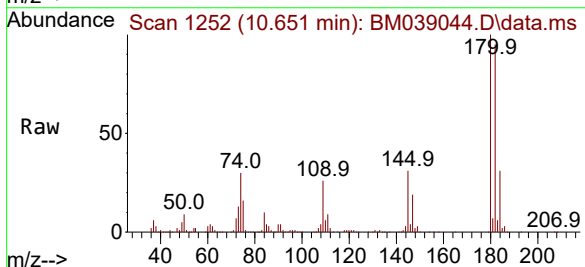
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

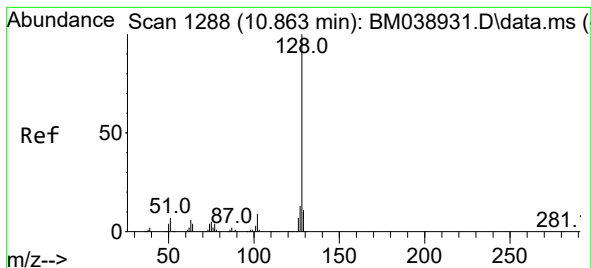
Tgt Ion:162 Resp: 972781
Ion Ratio Lower Upper
162 100
164 65.6 44.6 84.6
98 37.6 17.5 57.5



#30
1,2,4-Trichlorobenzene
Concen: 37.482 ng
RT: 10.651 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion:180 Resp: 996063
Ion Ratio Lower Upper
180 100
182 94.6 76.3 114.5
145 31.0 25.0 37.4

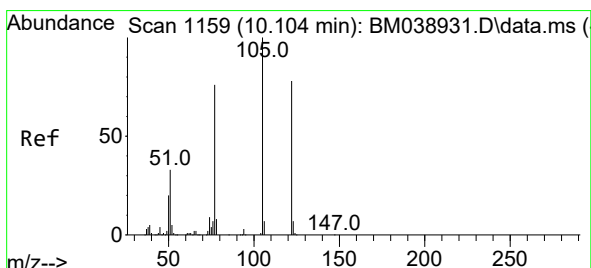
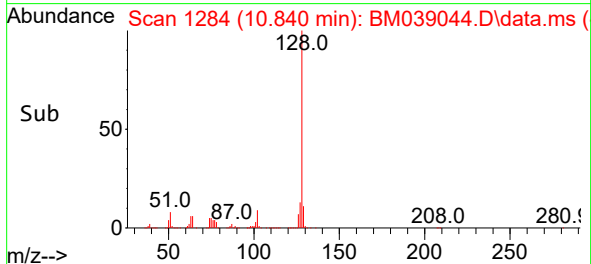
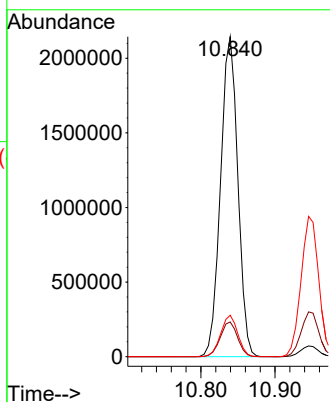
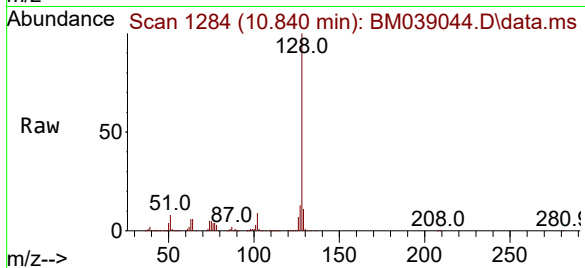




#31
Naphthalene
Concen: 38.748 ng
RT: 10.840 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

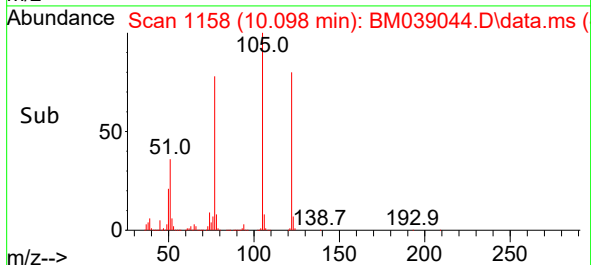
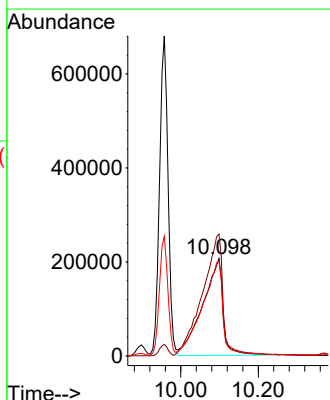
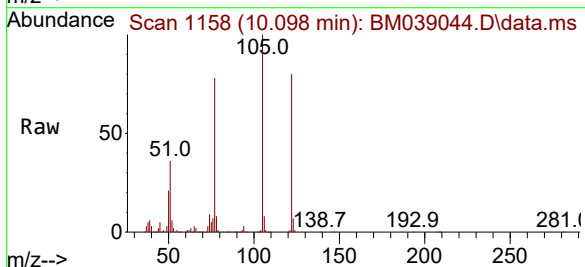
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

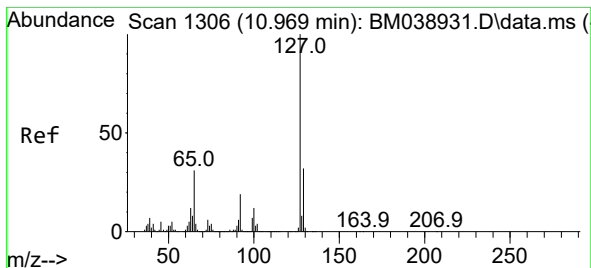
Tgt Ion:128 Resp: 3471967
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 40.954 ng
RT: 10.098 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion:122 Resp: 752774
Ion Ratio Lower Upper
122 100
105 125.4 104.2 144.2
77 97.7 75.1 115.1





#33

4-Chloroaniline

Concen: 40.948 ng

RT: 10.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 1563658

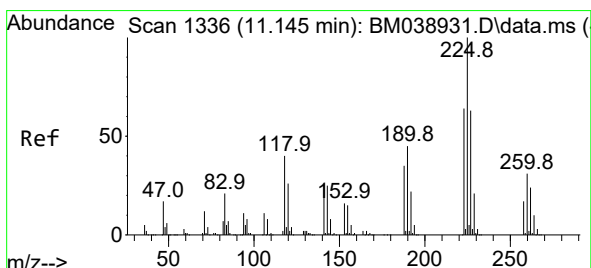
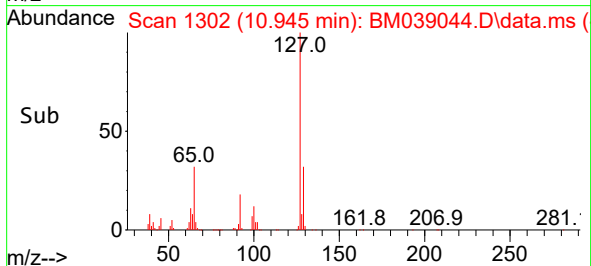
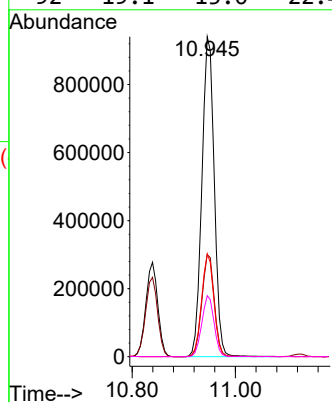
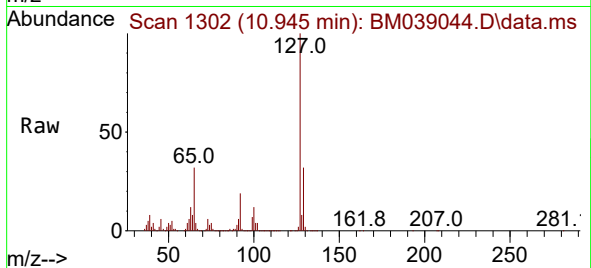
Ion Ratio Lower Upper

127 100

129 31.9 25.4 38.2

65 32.2 24.4 36.6

92 19.1 15.0 22.4



#34

Hexachlorobutadiene

Concen: 37.378 ng

RT: 11.122 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

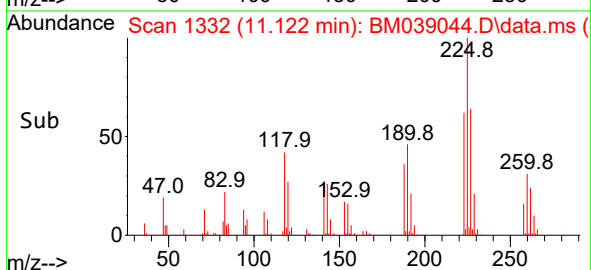
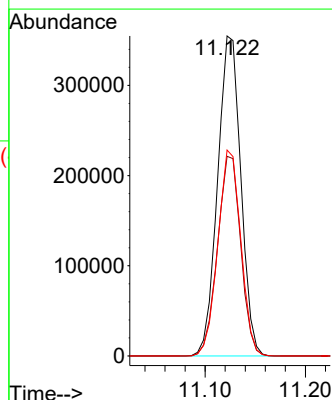
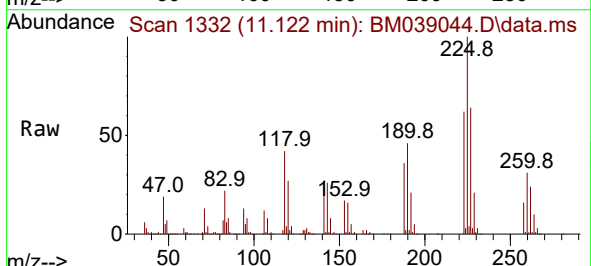
Tgt Ion:225 Resp: 569616

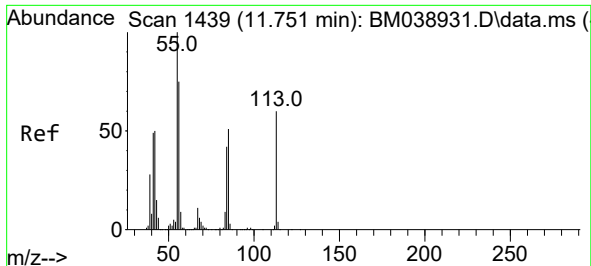
Ion Ratio Lower Upper

225 100

223 62.4 51.3 76.9

227 64.4 50.6 76.0

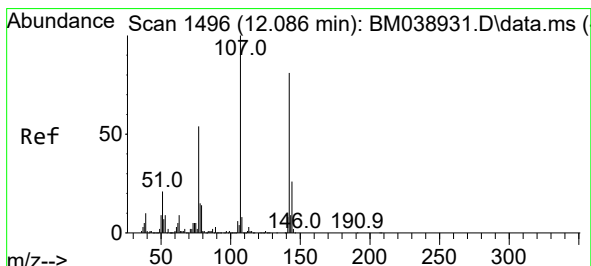
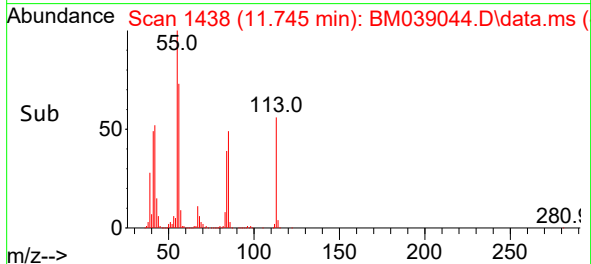
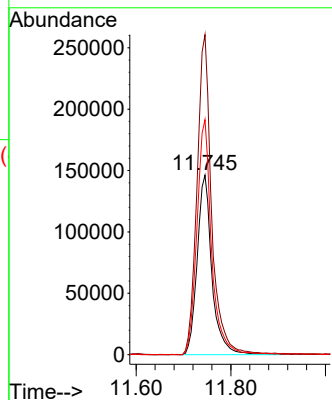
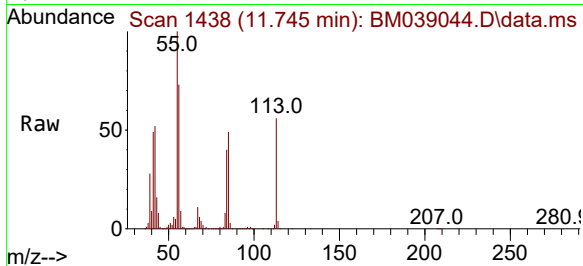




#35
 Caprolactam
 Concen: 42.693 ng
 RT: 11.745 min Scan# 1438
 Delta R.T. 0.006 min
 Lab File: BM039044.D
 Acq: 20 Mar 2023 14:44

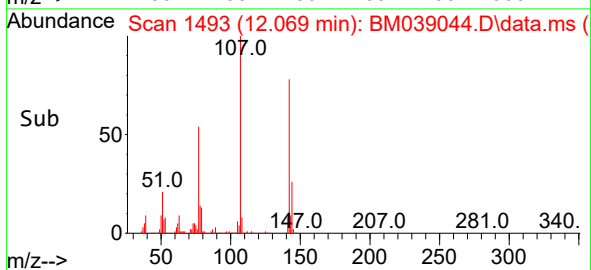
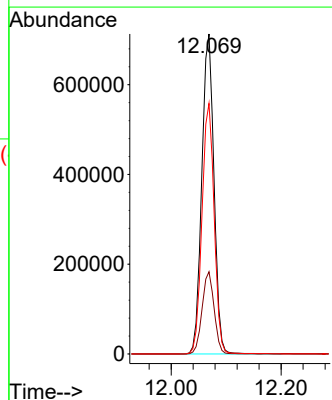
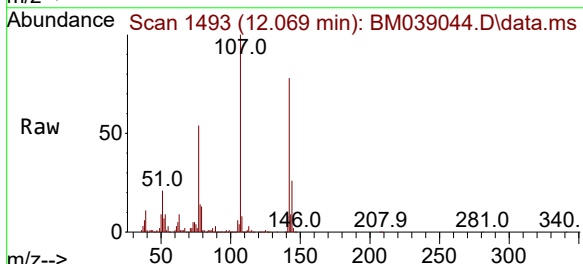
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

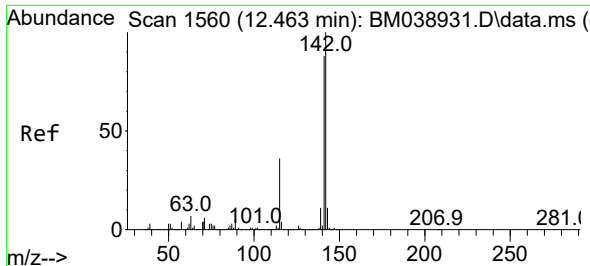
Tgt Ion:113 Resp: 315992
 Ion Ratio Lower Upper
 113 100
 55 178.2 147.0 187.0
 56 130.8 105.1 145.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.359 ng
 RT: 12.069 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: BM039044.D
 Acq: 20 Mar 2023 14:44

Tgt Ion:107 Resp: 1096902
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.7 31.1
 142 78.3 64.6 97.0





#37

2-Methylnaphthalene

Concen: 39.978 ng

RT: 12.445 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

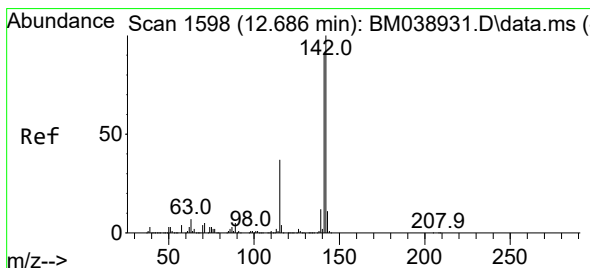
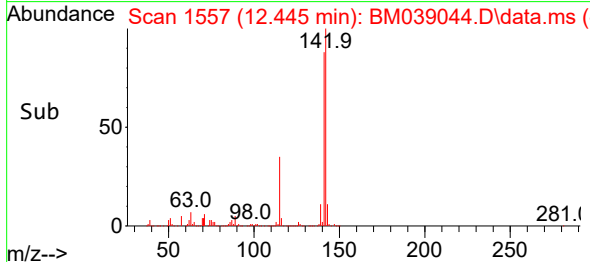
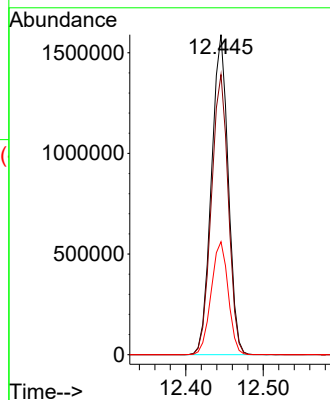
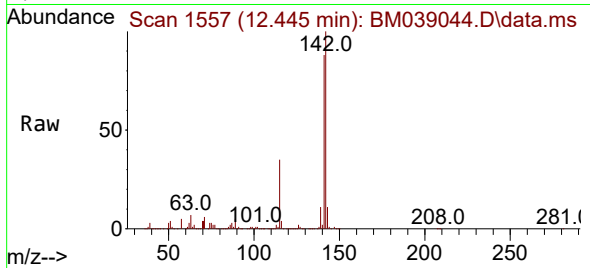
Tgt Ion:142 Resp: 2400919

Ion Ratio Lower Upper

142 100

141 87.5 70.6 106.0

115 35.3 28.5 42.7



#38

1-Methylnaphthalene

Concen: 40.588 ng

RT: 12.663 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

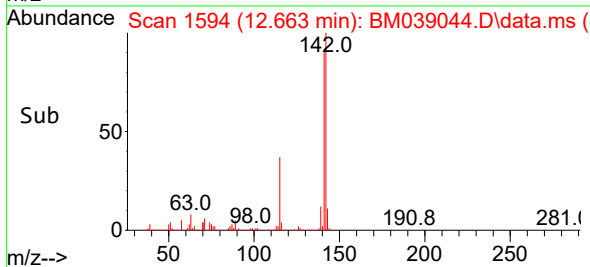
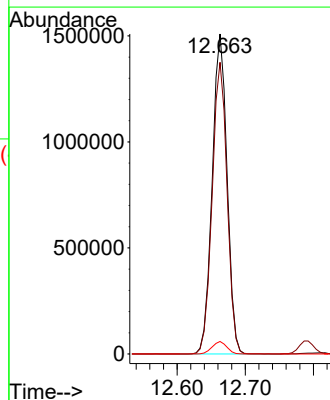
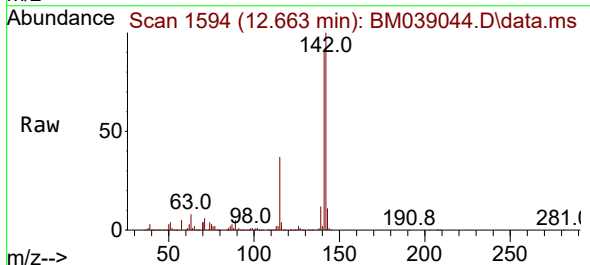
Tgt Ion:142 Resp: 2284347

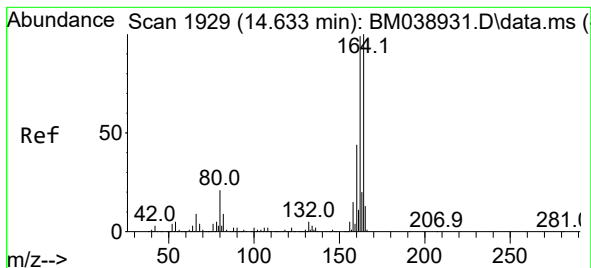
Ion Ratio Lower Upper

142 100

141 91.1 72.8 109.2

116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

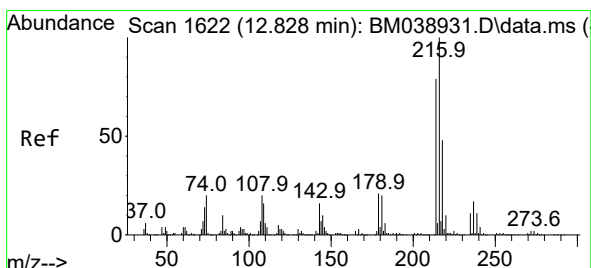
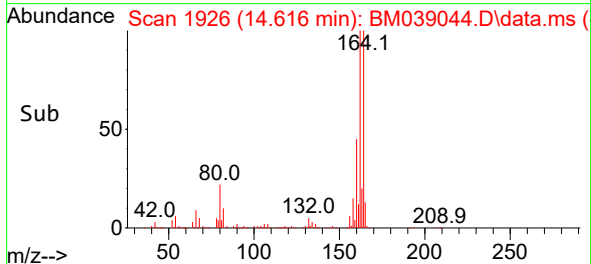
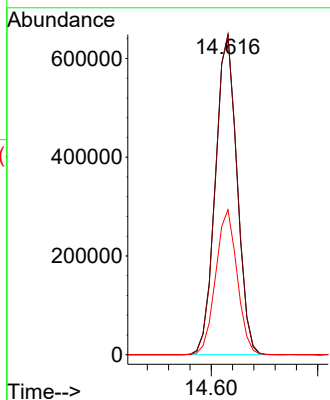
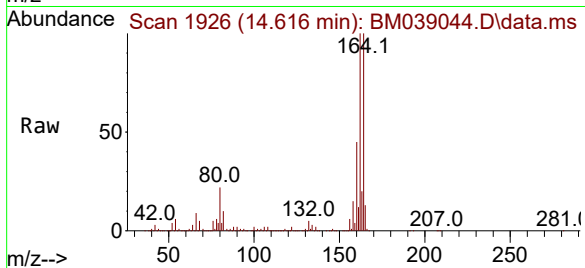
Tgt Ion:164 Resp: 910190

Ion Ratio Lower Upper

164 100

162 99.9 79.2 118.8

160 45.3 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.558 ng

RT: 12.810 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Tgt Ion:216 Resp: 1081742

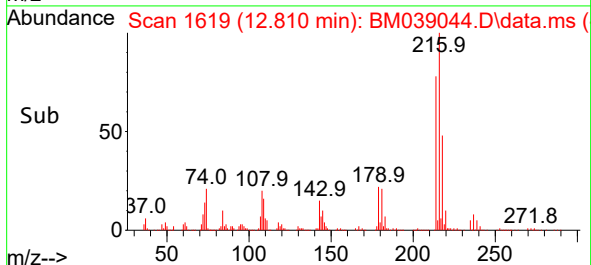
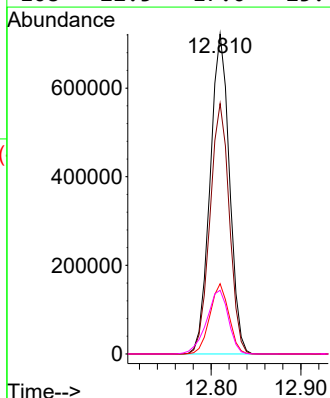
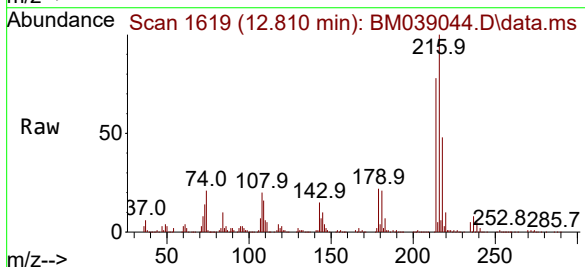
Ion Ratio Lower Upper

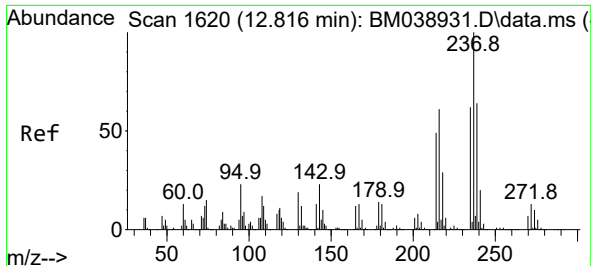
216 100

214 78.3 63.0 94.4

179 21.5 16.8 25.2

108 22.5 17.0 25.4

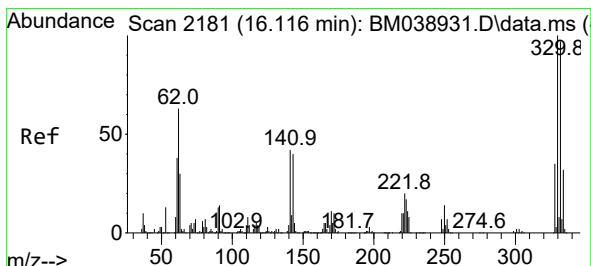
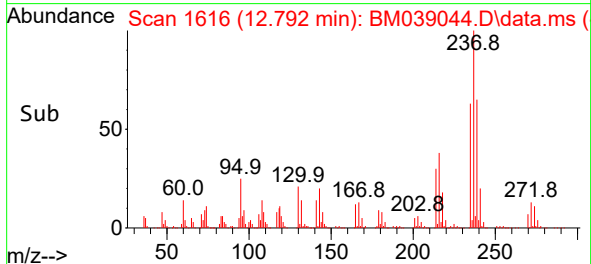
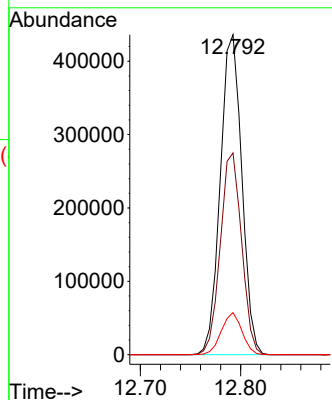
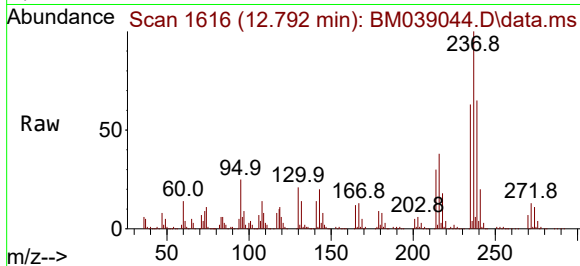




#41
Hexachlorocyclopentadiene
Concen: 39.960 ng
RT: 12.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

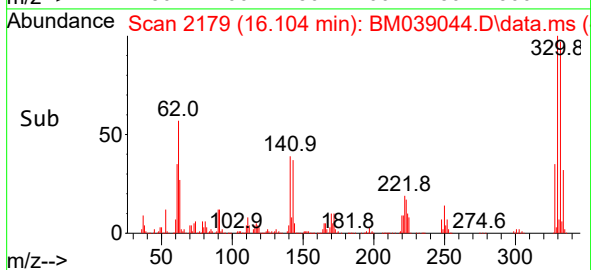
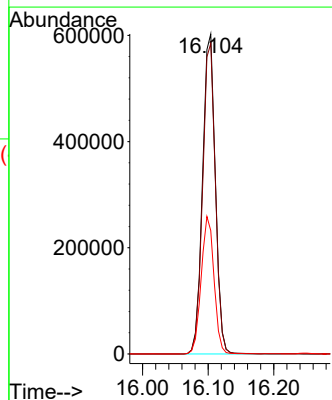
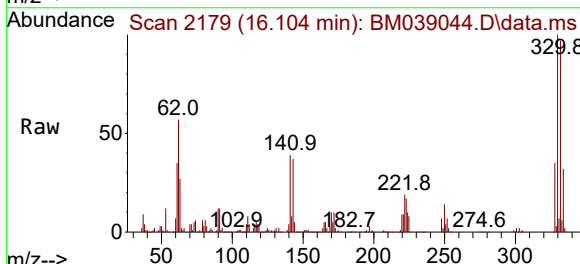
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

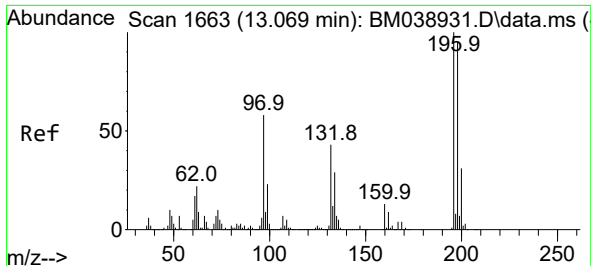
Tgt Ion:237 Resp: 649034
Ion Ratio Lower Upper
237 100
235 63.1 41.7 81.7
272 13.1 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 77.830 ng
RT: 16.104 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion:330 Resp: 819507
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 43.2 32.2 48.4

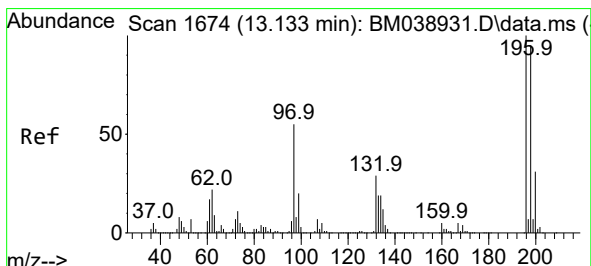
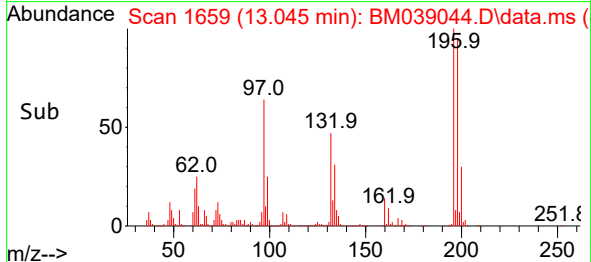
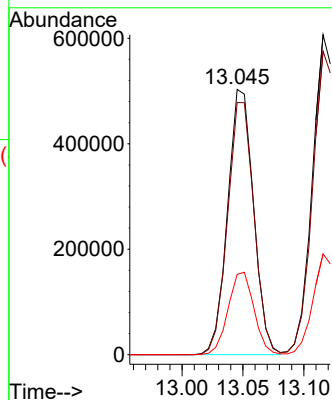
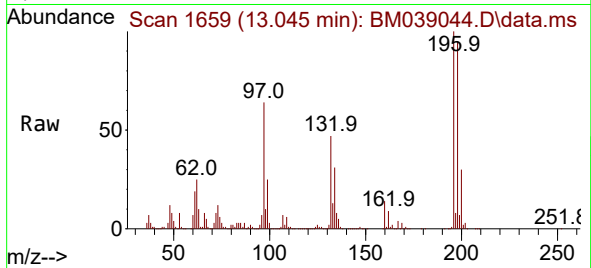




#43
2,4,6-Trichlorophenol
Concen: 38.993 ng
RT: 13.045 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

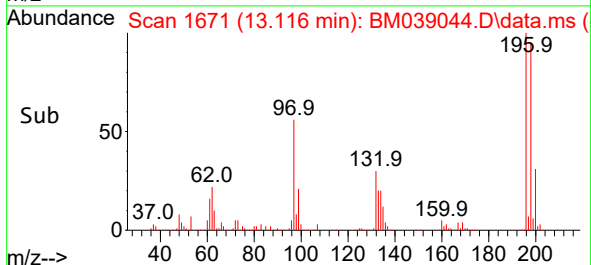
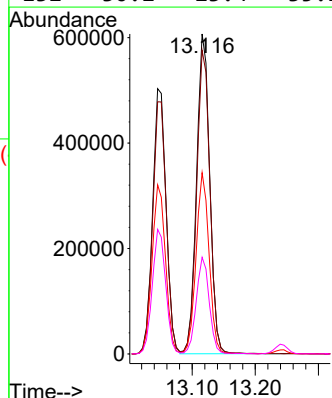
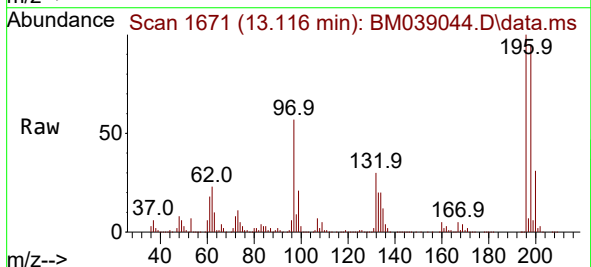
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

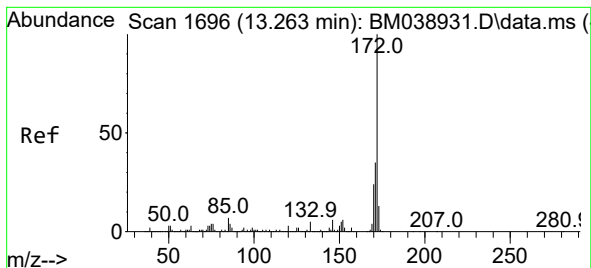
Tgt Ion:196 Resp: 747146
Ion Ratio Lower Upper
196 100
198 95.0 75.8 113.8
200 30.3 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 39.145 ng
RT: 13.116 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion:196 Resp: 877940
Ion Ratio Lower Upper
196 100
198 94.8 76.3 114.5
97 56.6 44.2 66.4
132 30.2 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 76.378 ng

RT: 13.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

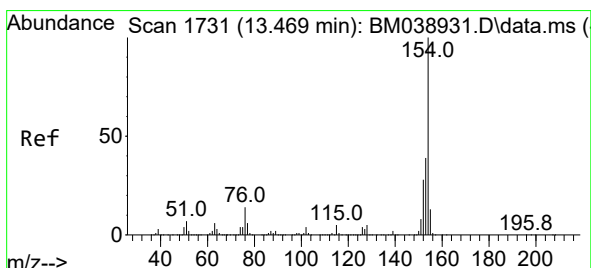
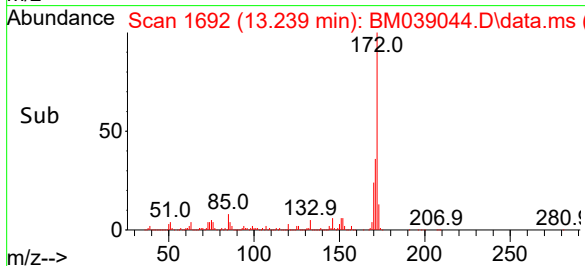
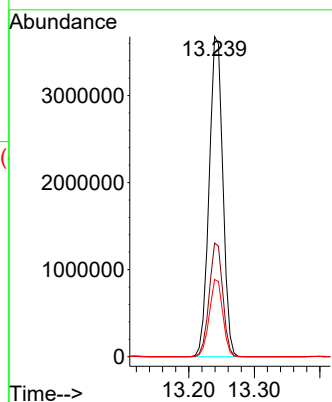
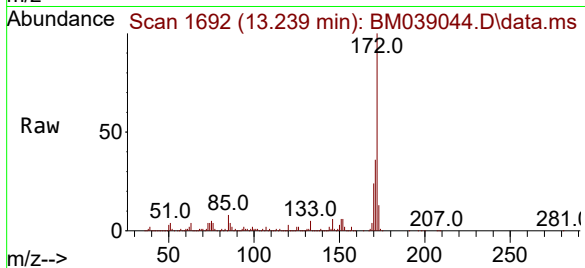
Tgt Ion:172 Resp: 5340185

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 24.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 38.480 ng

RT: 13.451 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

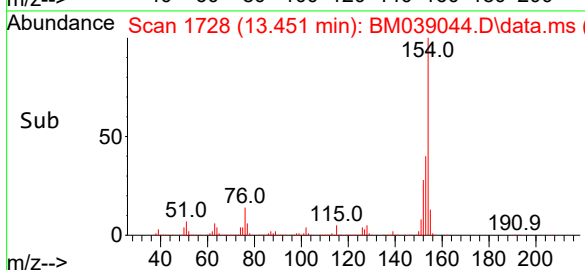
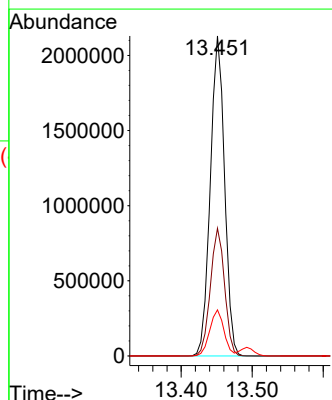
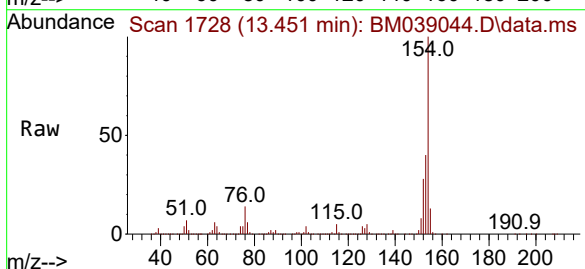
Tgt Ion:154 Resp: 2967177

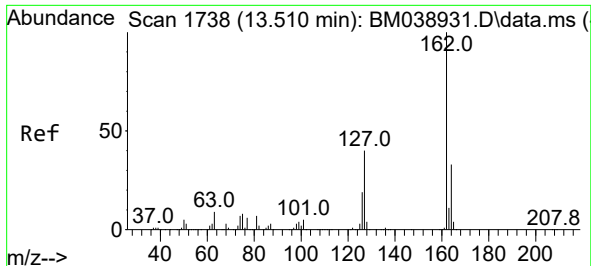
Ion Ratio Lower Upper

154 100

153 39.9 19.3 59.3

76 14.4 0.0 34.0

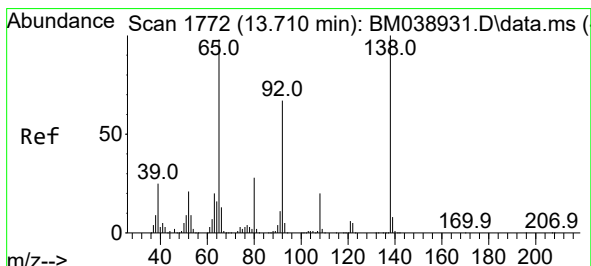
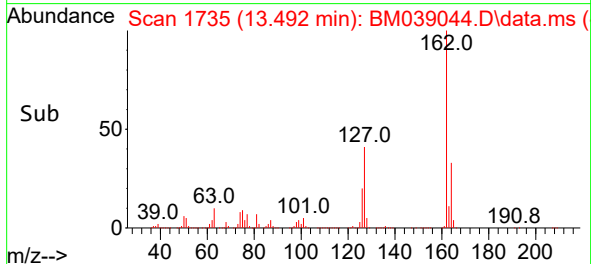
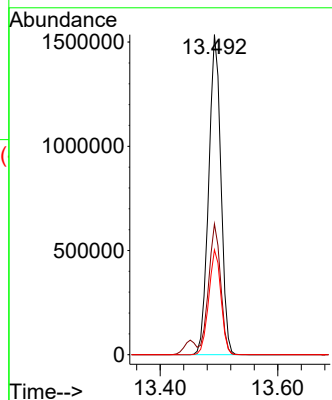
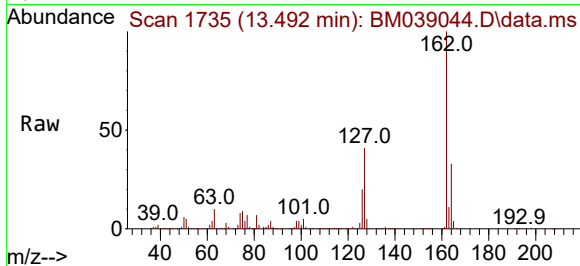




#47
2-Chloronaphthalene
Concen: 37.963 ng
RT: 13.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

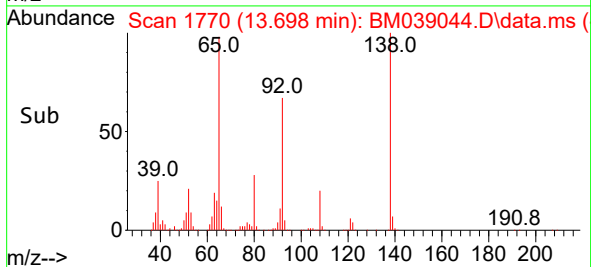
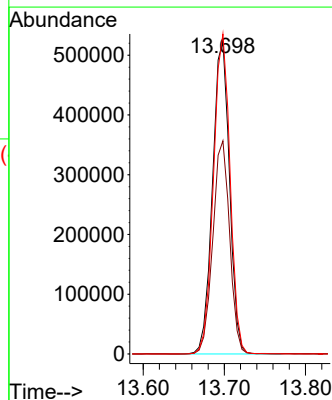
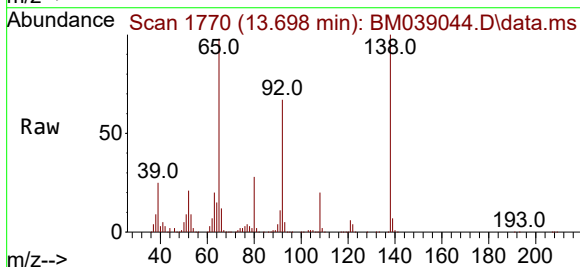
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

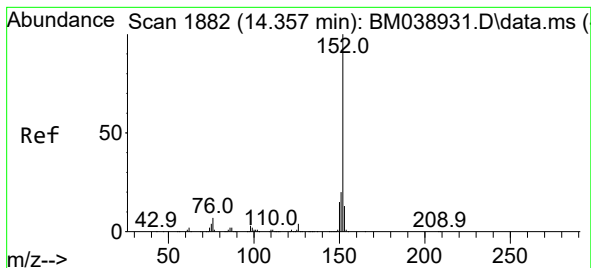
Tgt Ion:162 Resp: 2207409
Ion Ratio Lower Upper
162 100
127 40.9 32.1 48.1
164 32.7 26.2 39.4



#48
2-Nitroaniline
Concen: 41.135 ng
RT: 13.698 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion: 65 Resp: 759608
Ion Ratio Lower Upper
65 100
92 68.1 54.9 82.3
138 102.2 81.6 122.4





#49

Acenaphthylene

Concen: 39.648 ng

RT: 14.339 min Scan# 1879

Delta R.T. 0.000 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

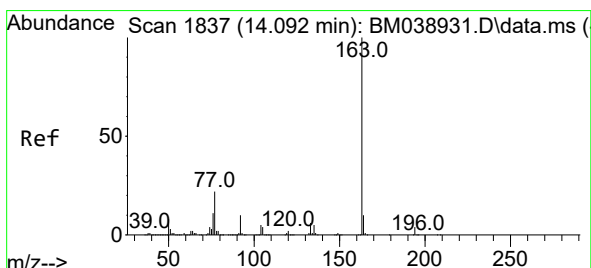
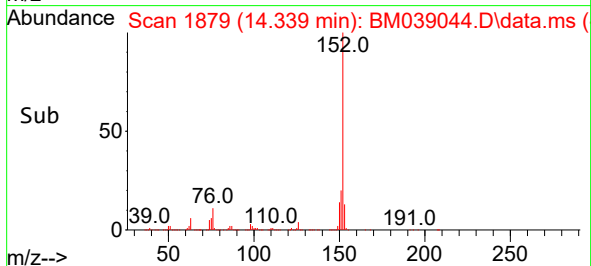
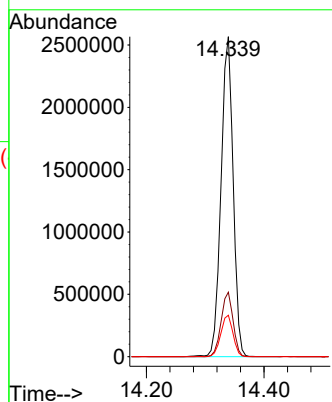
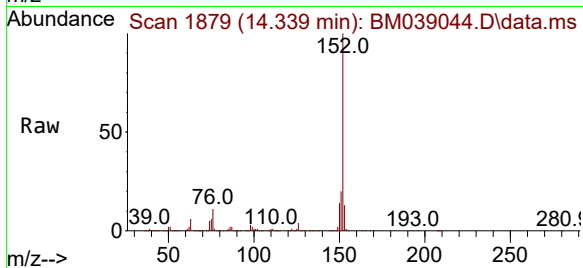
Tgt Ion:152 Resp: 3672138

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 40.180 ng

RT: 14.075 min Scan# 1834

Delta R.T. 0.000 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

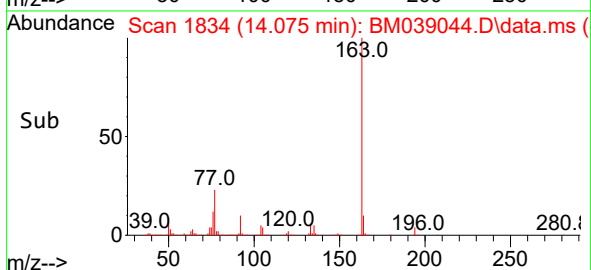
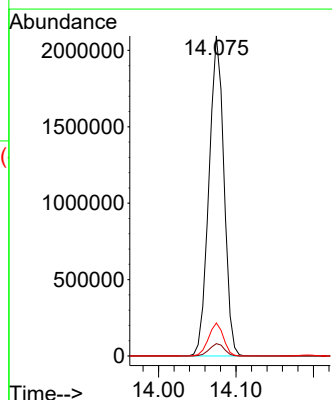
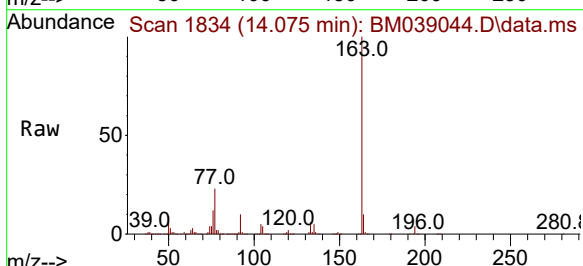
Tgt Ion:163 Resp: 2814149

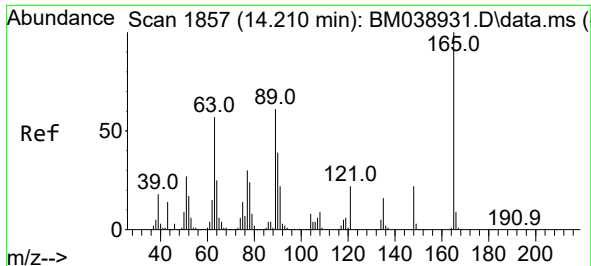
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.3 8.1 12.1

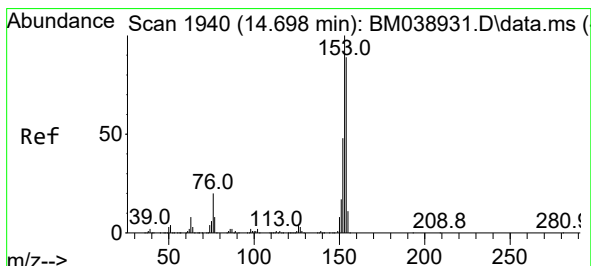
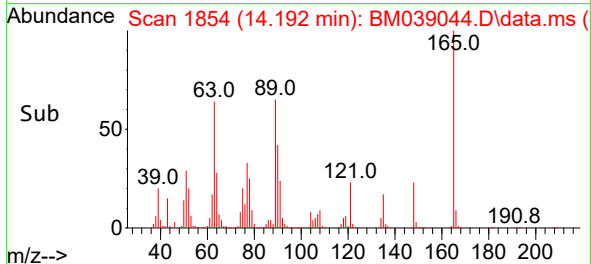
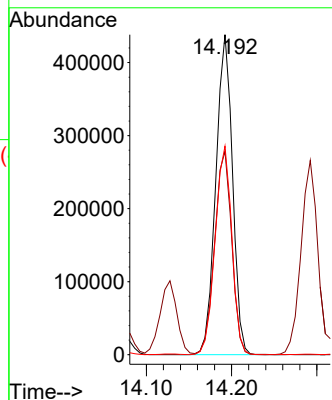
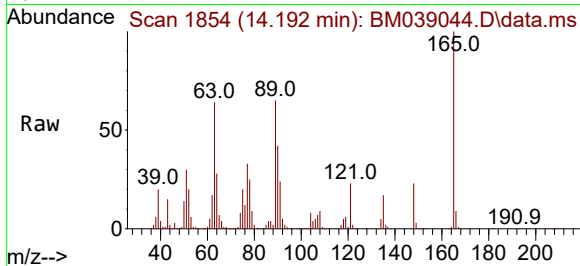




#51
2,6-Dinitrotoluene
Concen: 38.740 ng
RT: 14.192 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

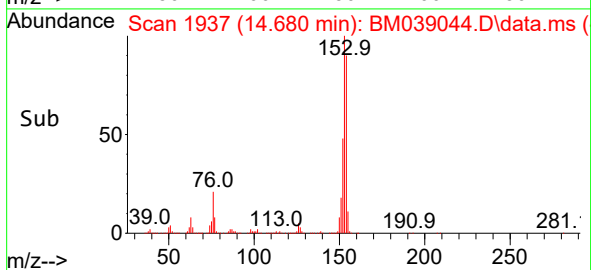
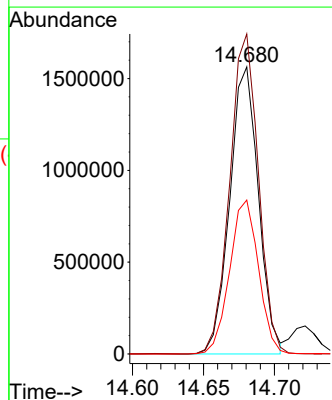
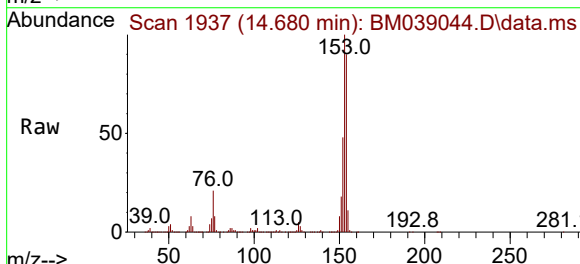
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

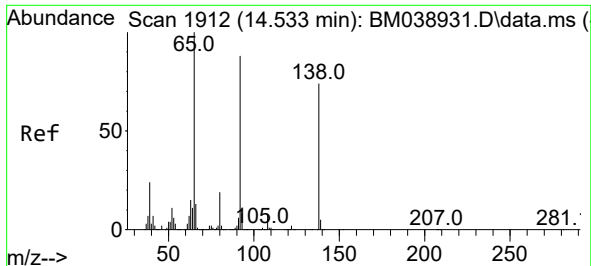
Tgt Ion:165 Resp: 595474
Ion Ratio Lower Upper
165 100
63 63.5 46.6 70.0
89 65.1 48.6 73.0



#52
Acenaphthene
Concen: 38.671 ng
RT: 14.680 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion:154 Resp: 2201148
Ion Ratio Lower Upper
154 100
153 111.5 90.2 135.2
152 53.6 43.4 65.2

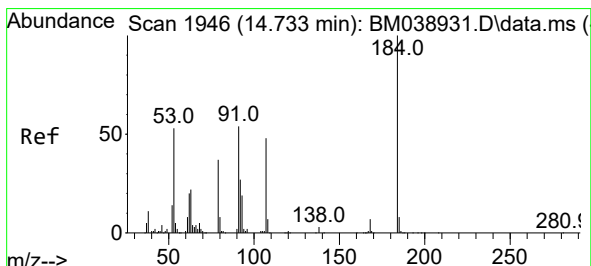
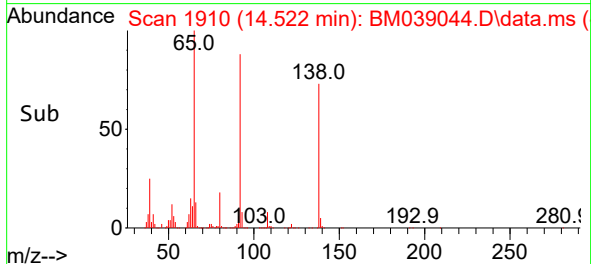
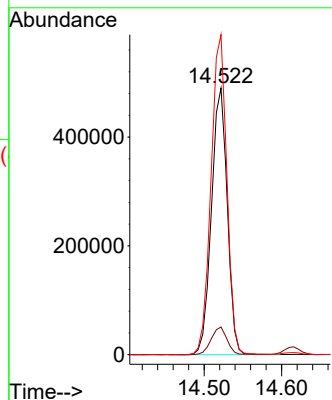
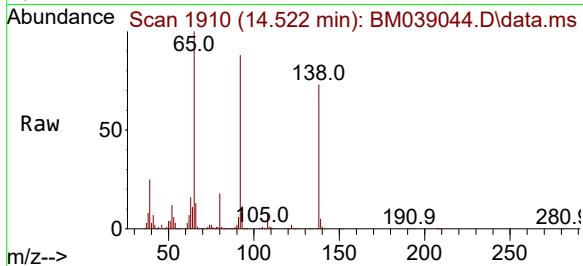




#53
3-Nitroaniline
Concen: 38.649 ng
RT: 14.522 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

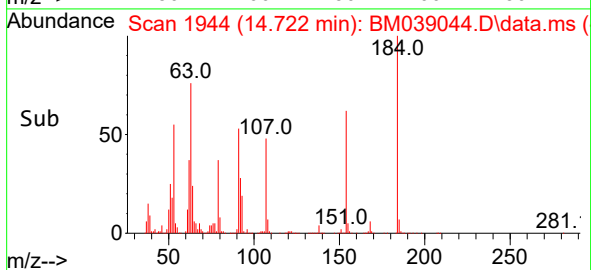
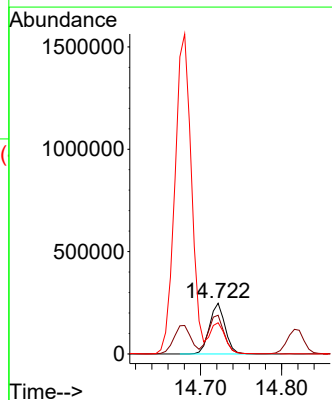
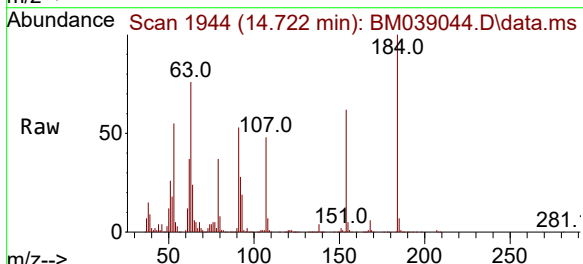
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

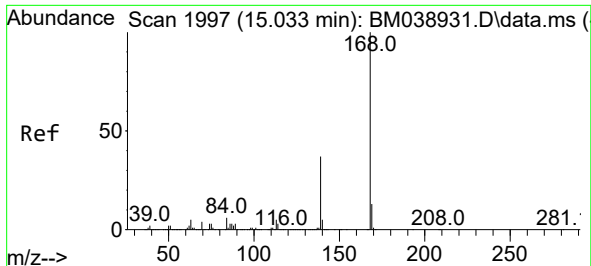
Tgt Ion:138 Resp: 694031
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 120.1 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 39.751 ng
RT: 14.722 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion:184 Resp: 329035
Ion Ratio Lower Upper
184 100
63 76.2 60.6 90.8
154 61.6 51.4 77.2





#55

Dibenzofuran

Concen: 38.639 ng

RT: 15.010 min Scan# 1993

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

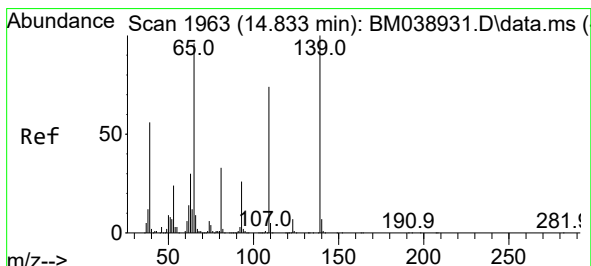
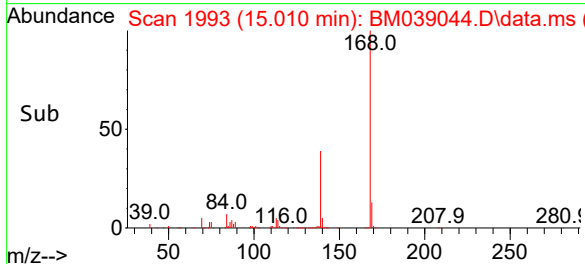
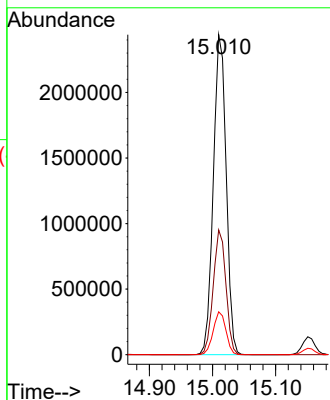
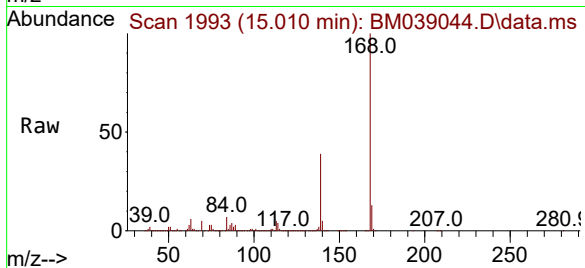
Tgt Ion:168 Resp: 3441614

Ion Ratio Lower Upper

168 100

139 39.0 29.9 44.9

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 39.405 ng

RT: 14.816 min Scan# 1960

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

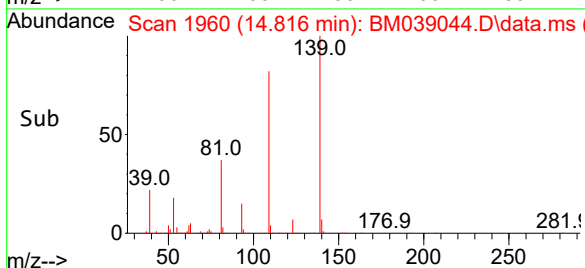
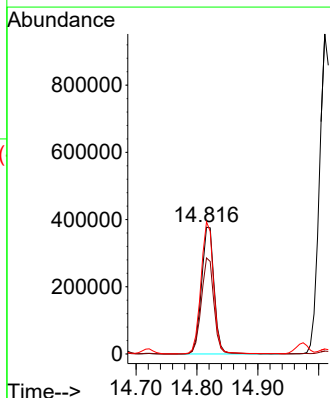
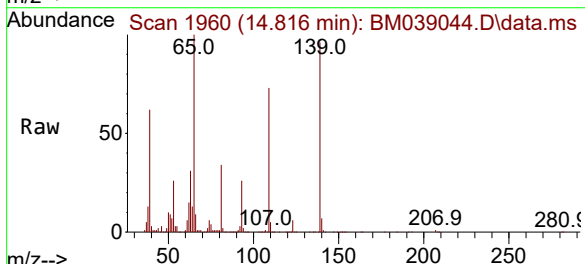
Tgt Ion:139 Resp: 548114

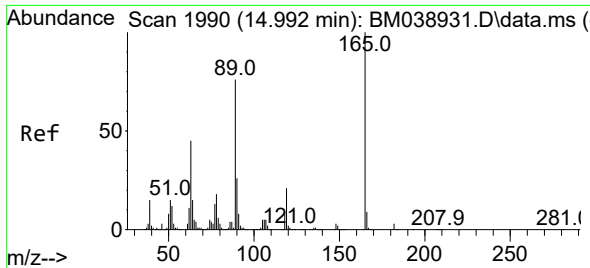
Ion Ratio Lower Upper

139 100

109 75.7 53.5 93.5

65 104.3 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 39.234 ng

RT: 14.975 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion:165 Resp: 791687

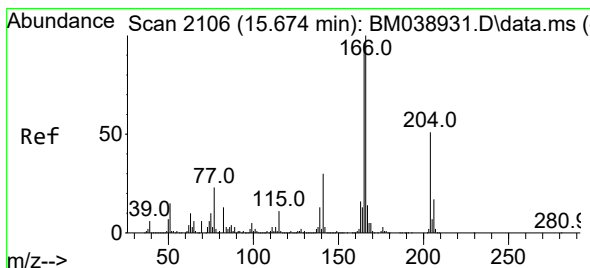
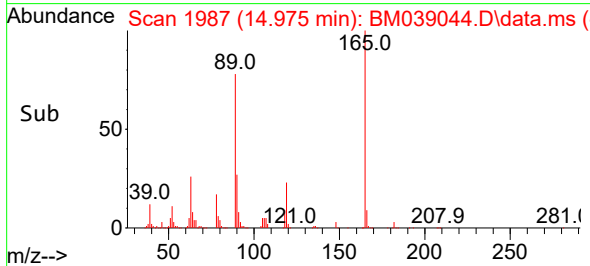
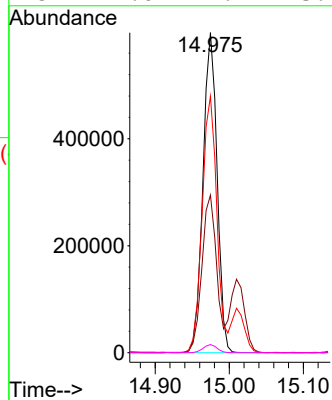
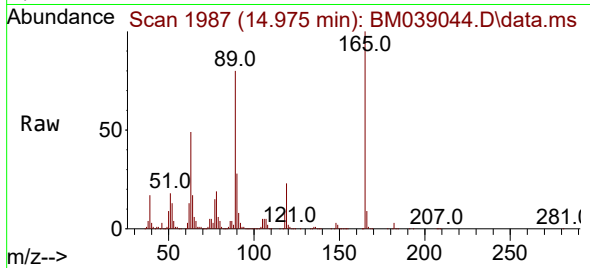
Ion Ratio Lower Upper

165 100

63 49.2 35.9 53.9

89 80.1 61.0 91.6

182 2.6 2.1 3.1



#58

Fluorene

Concen: 39.460 ng

RT: 15.663 min Scan# 2104

Delta R.T. 0.000 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

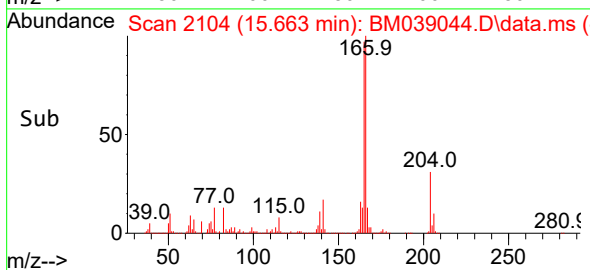
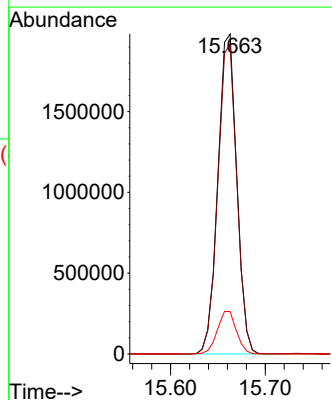
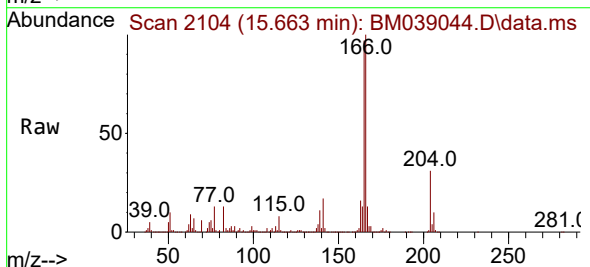
Tgt Ion:166 Resp: 2753215

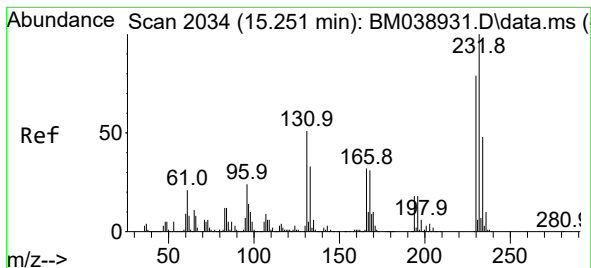
Ion Ratio Lower Upper

166 100

165 96.9 77.1 115.7

167 13.2 10.9 16.3

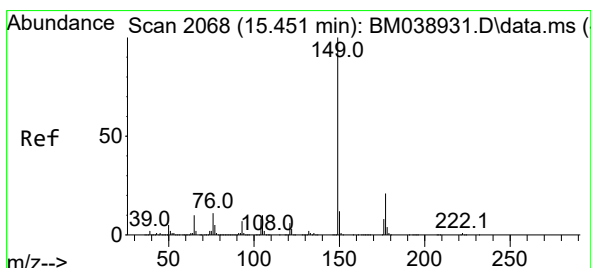
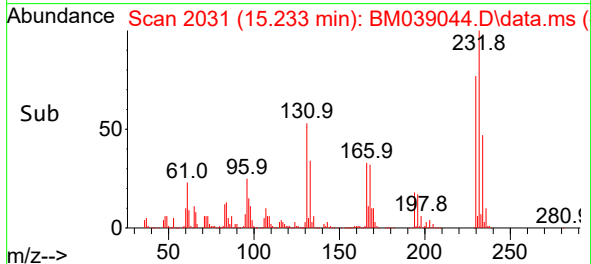
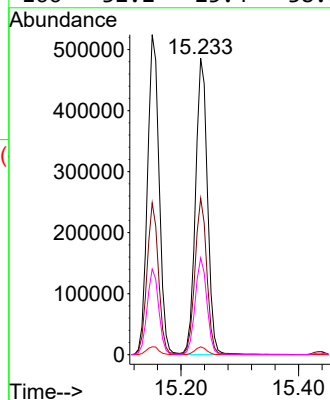
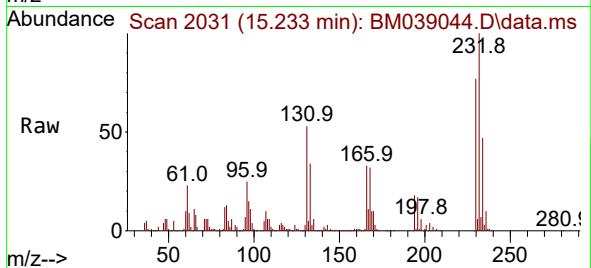




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.480 ng
RT: 15.233 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

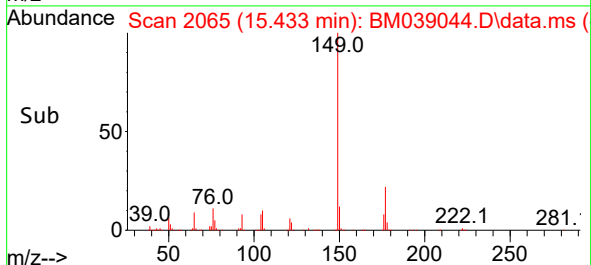
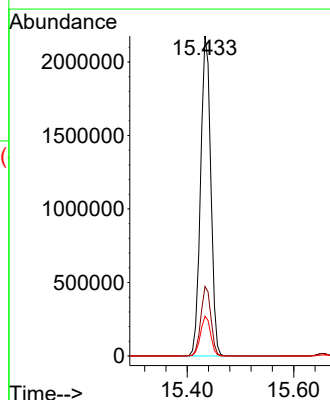
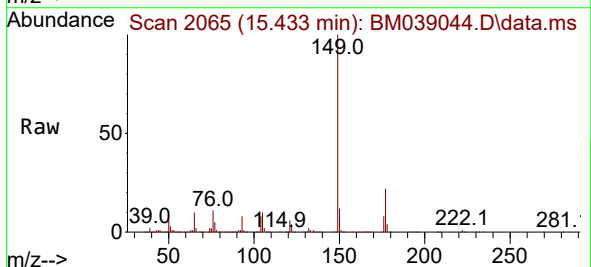
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

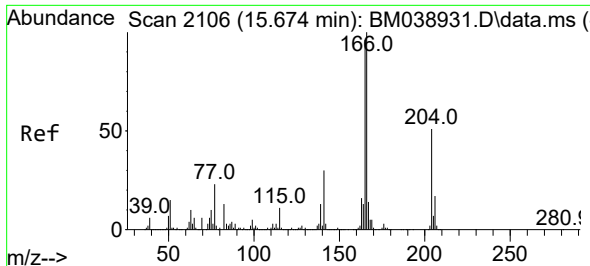
Tgt Ion:232 Resp: 682886
Ion Ratio Lower Upper
232 100
131 52.1 40.0 60.0
130 2.6 2.0 3.0
166 32.2 25.4 38.0



#60
Diethylphthalate
Concen: 42.403 ng
RT: 15.433 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion:149 Resp: 2889672
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.4 9.7 14.5

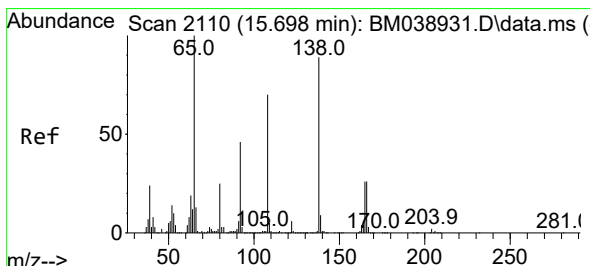
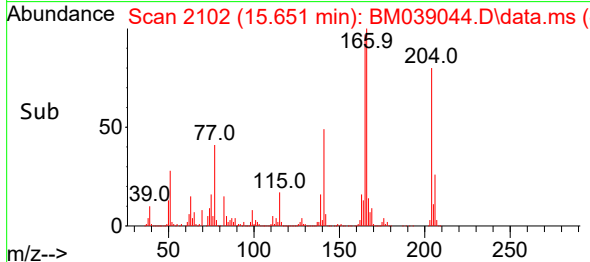
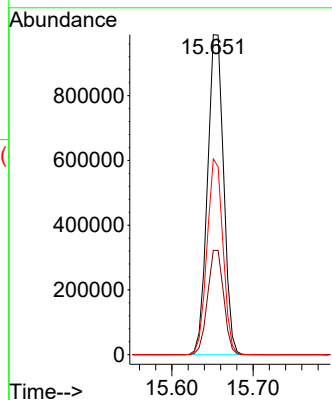
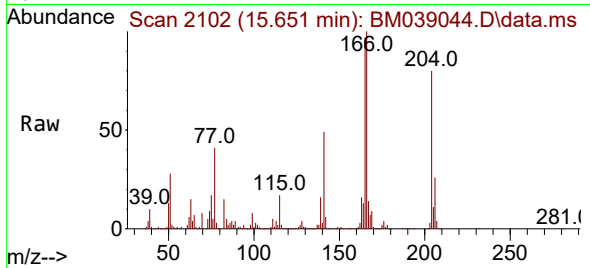




#61
4-Chlorophenyl-phenylether
Concen: 39.653 ng
RT: 15.651 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

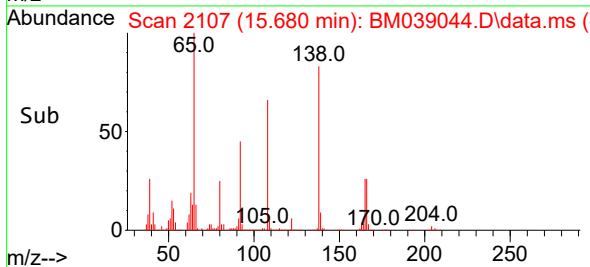
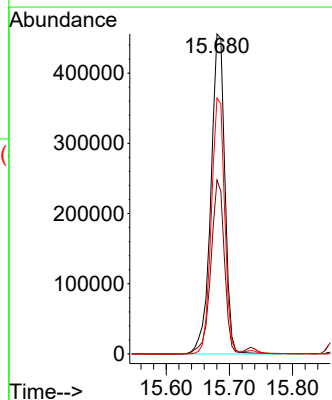
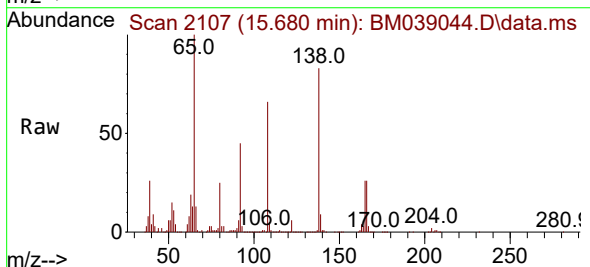
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

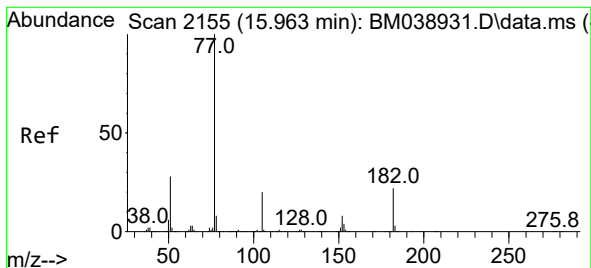
Tgt Ion:204 Resp: 1359161
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 61.2 46.4 69.6



#62
4-Nitroaniline
Concen: 38.332 ng
RT: 15.680 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion:138 Resp: 699730
Ion Ratio Lower Upper
138 100
92 54.3 31.6 71.6
108 80.0 58.6 98.6





#63

Azobenzene

Concen: 43.941 ng

RT: 15.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 3168527

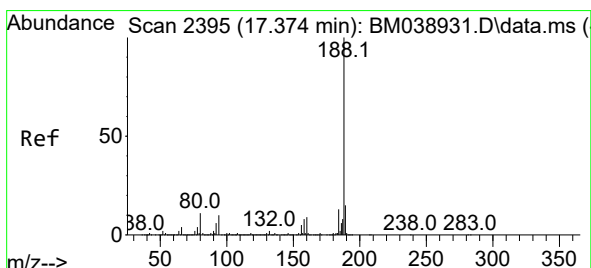
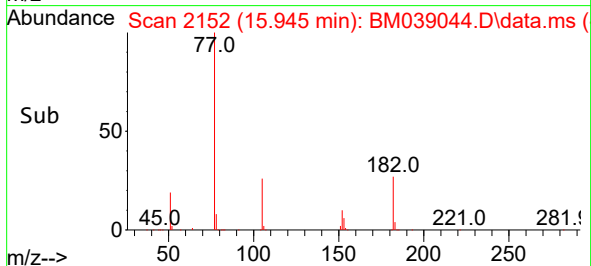
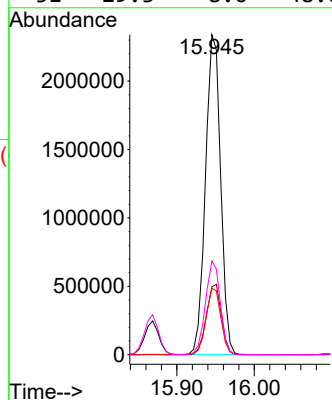
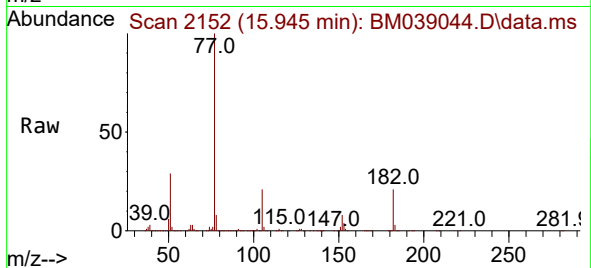
Ion Ratio Lower Upper

77 100

182 21.2 2.0 42.0

105 20.8 0.4 40.4

51 29.3 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.357 min Scan# 2392

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

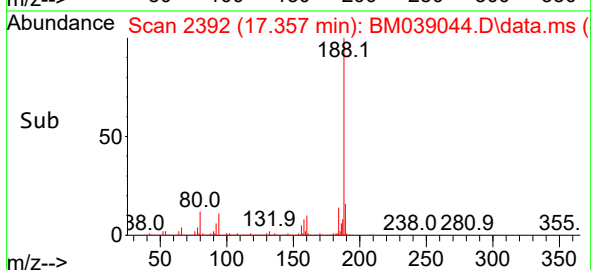
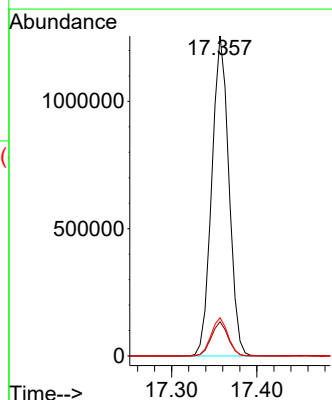
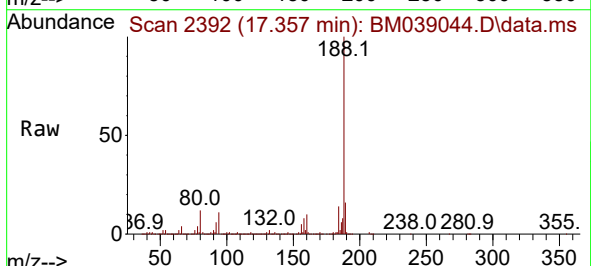
Tgt Ion:188 Resp: 1749024

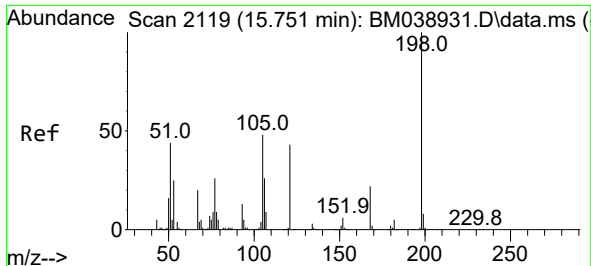
Ion Ratio Lower Upper

188 100

94 10.7 7.9 11.9

80 11.9 8.5 12.7

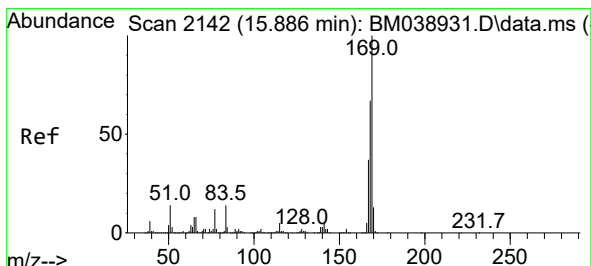
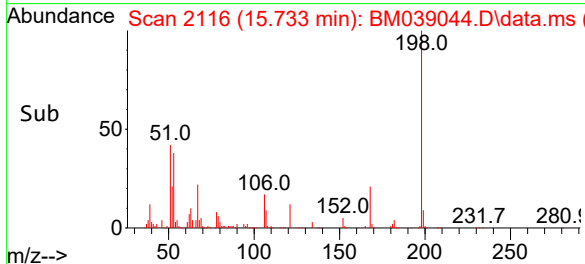
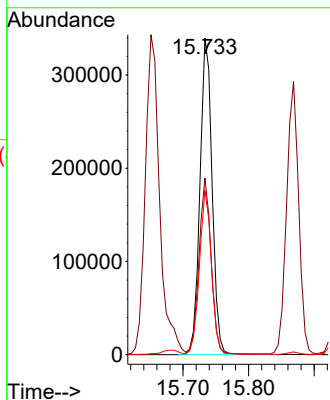
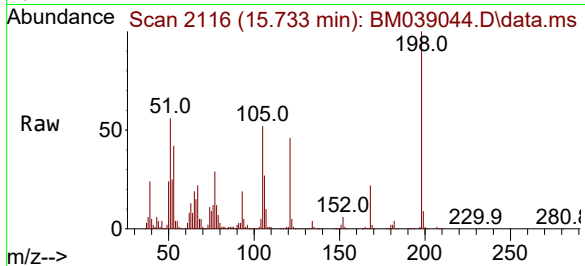




#65
4,6-Dinitro-2-methylphenol
Concen: 39.183 ng
RT: 15.733 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

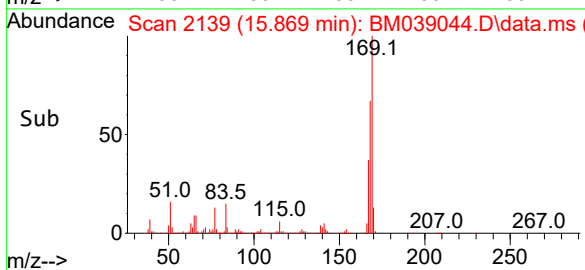
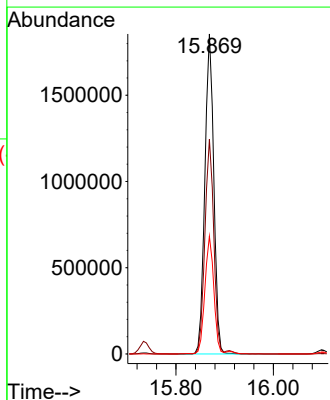
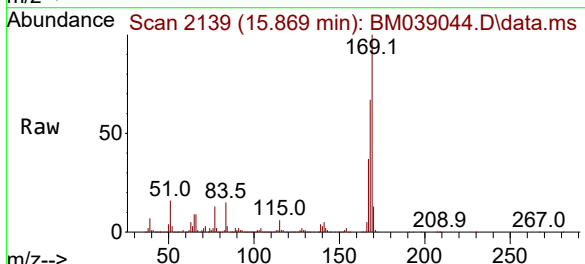
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

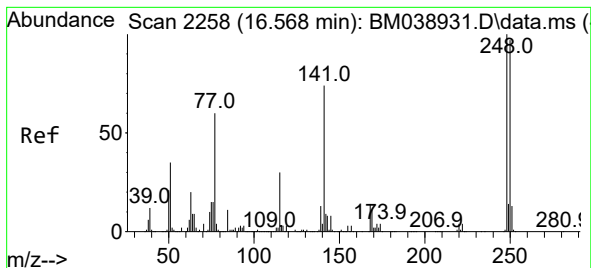
Tgt Ion:198 Resp: 438360
Ion Ratio Lower Upper
198 100
51 55.8 30.1 70.1
105 51.8 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 39.829 ng
RT: 15.869 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion:169 Resp: 2348431
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.0
167 36.8 29.4 44.0

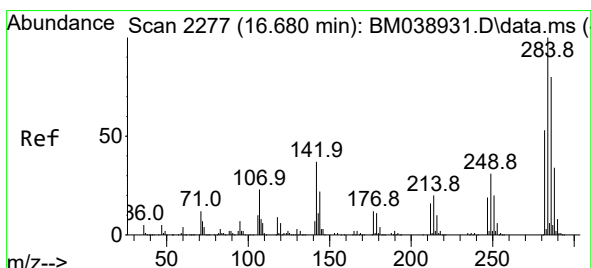
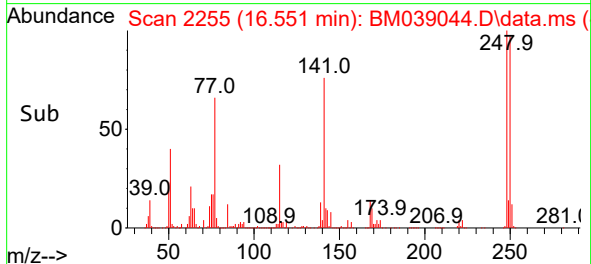
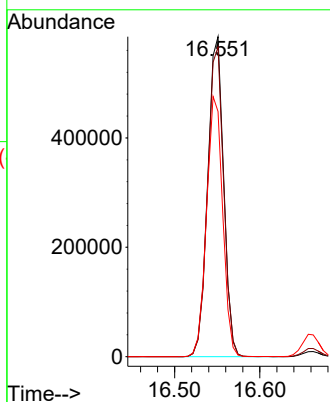
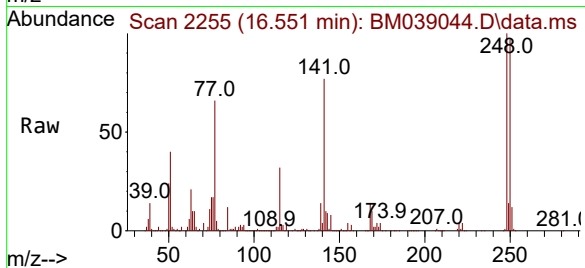




#67
4-Bromophenyl-phenylether
Concen: 40.382 ng
RT: 16.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

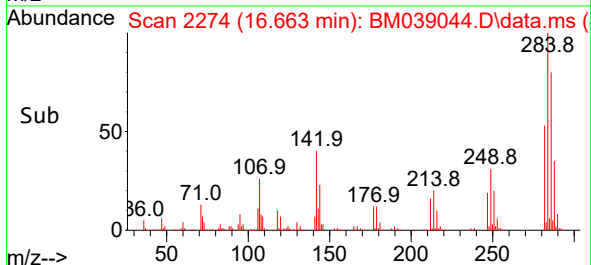
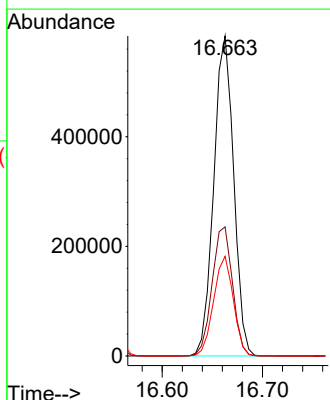
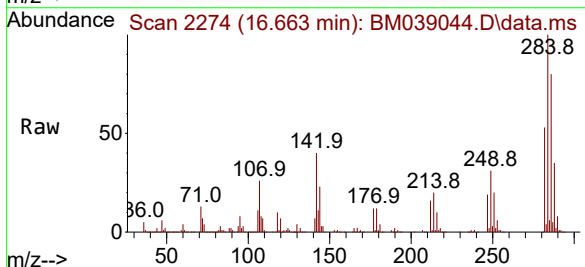
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

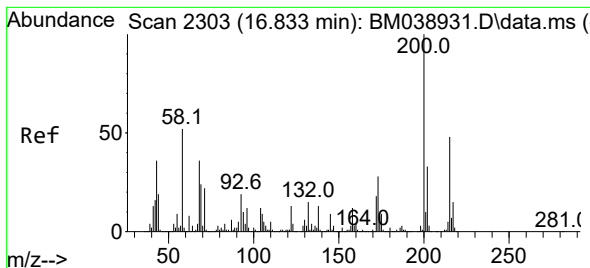
Tgt Ion:248 Resp: 762875
Ion Ratio Lower Upper
248 100
250 96.8 77.8 116.8
141 76.6 59.0 88.4



#68
Hexachlorobenzene
Concen: 37.994 ng
RT: 16.663 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion:284 Resp: 802377
Ion Ratio Lower Upper
284 100
142 40.3 29.5 44.3
249 31.1 25.0 37.4





#69

Atrazine

Concen: 41.969 ng

RT: 16.822 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

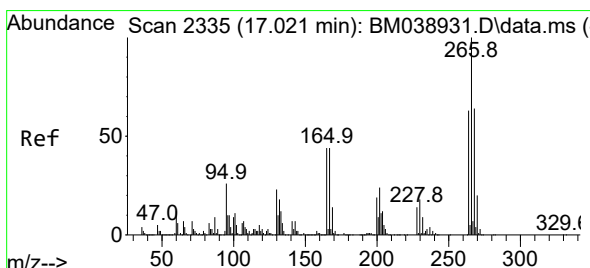
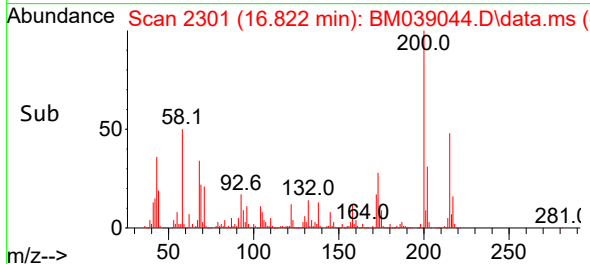
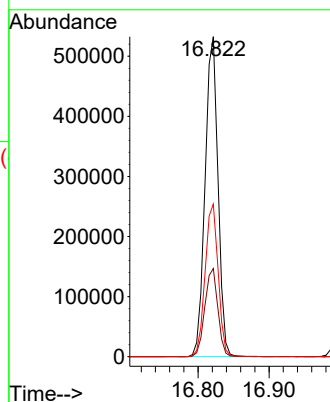
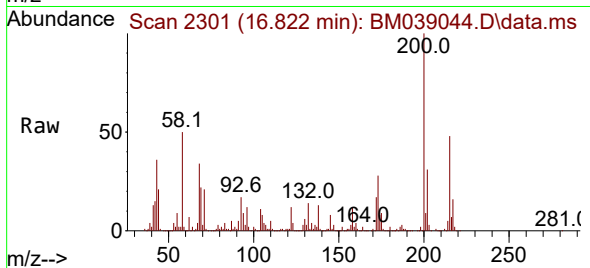
Tgt Ion:200 Resp: 675938

Ion Ratio Lower Upper

200 100

173 27.6 8.2 48.2

215 47.7 27.8 67.8



#70

Pentachlorophenol

Concen: 39.010 ng

RT: 17.004 min Scan# 2332

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

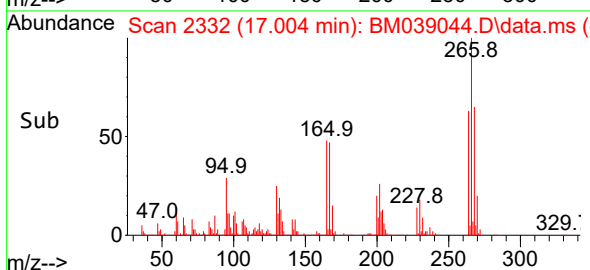
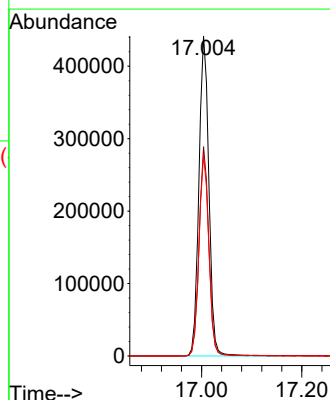
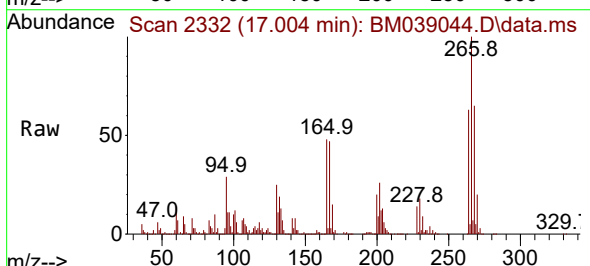
Tgt Ion:266 Resp: 605935

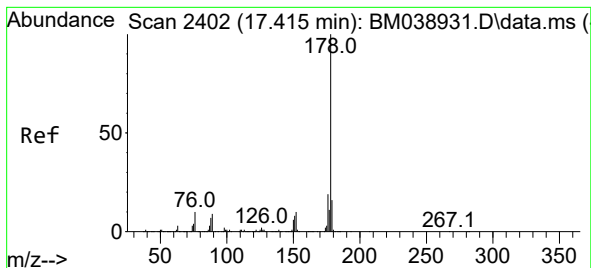
Ion Ratio Lower Upper

266 100

268 65.4 51.0 76.4

264 62.7 50.3 75.5





#71

Phenanthrene

Concen: 38.554 ng

RT: 17.398 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

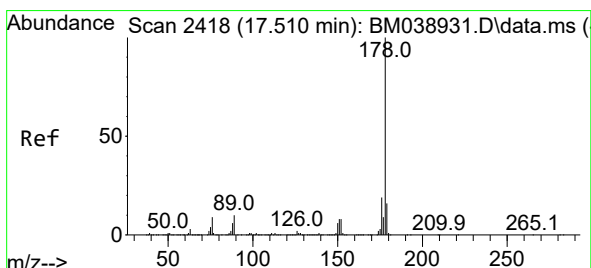
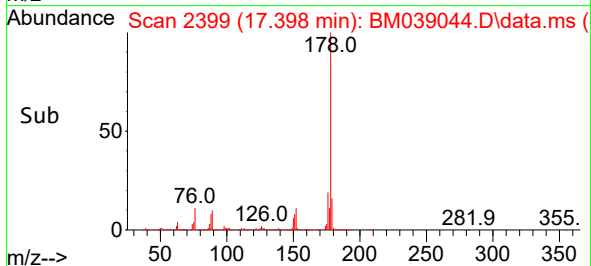
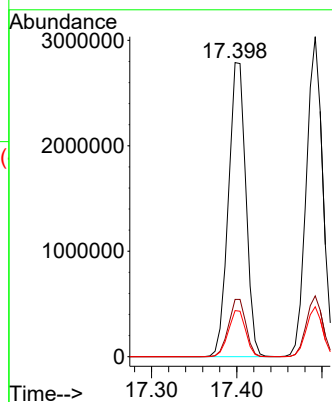
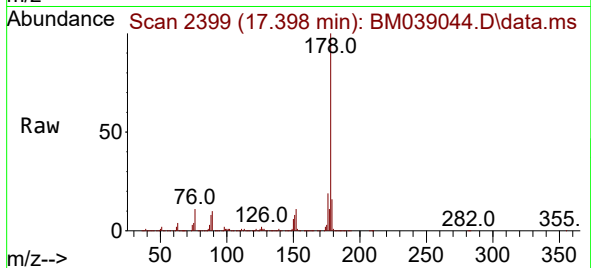
Tgt Ion:178 Resp: 3957656

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.6 12.5 18.7



#72

Anthracene

Concen: 39.650 ng

RT: 17.492 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

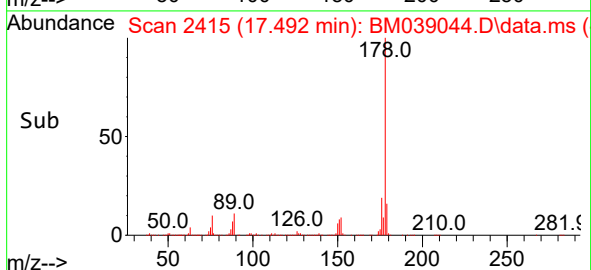
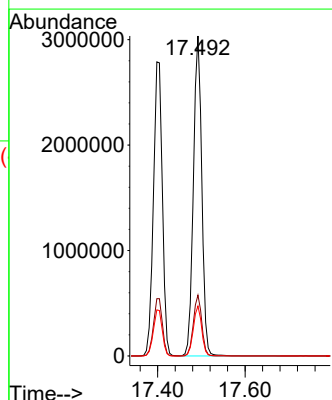
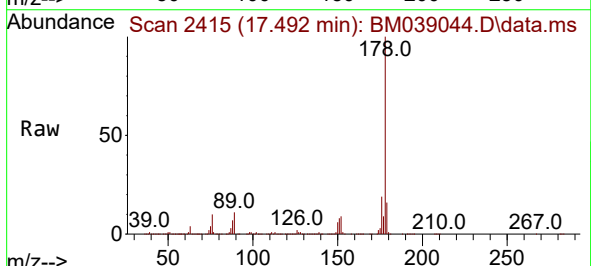
Tgt Ion:178 Resp: 4058910

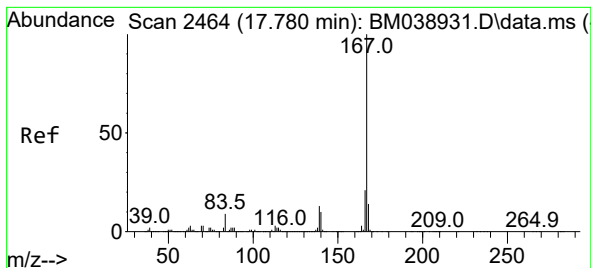
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.6 12.5 18.7





#73

Carbazole

Concen: 39.196 ng

RT: 17.763 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

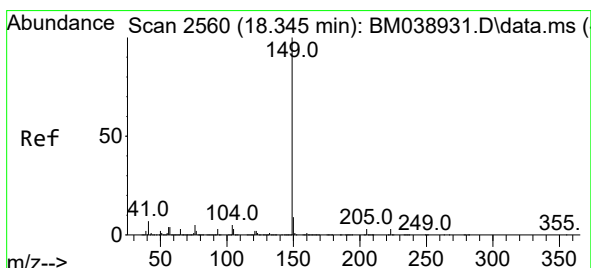
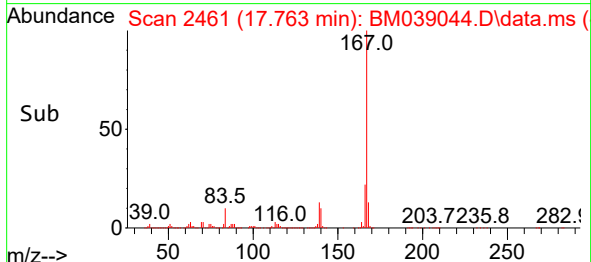
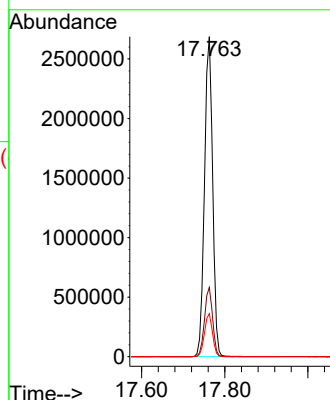
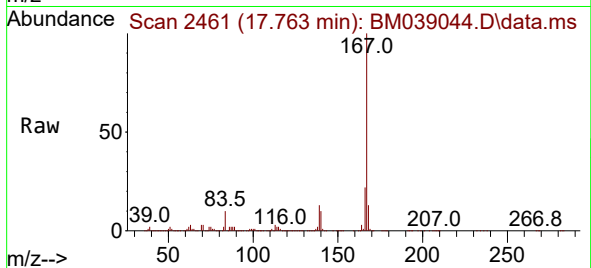
Tgt Ion:167 Resp: 3662056

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.4

139 13.4 10.3 15.5



#74

Di-n-butylphthalate

Concen: 42.525 ng

RT: 18.327 min Scan# 2557

Delta R.T. 0.000 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

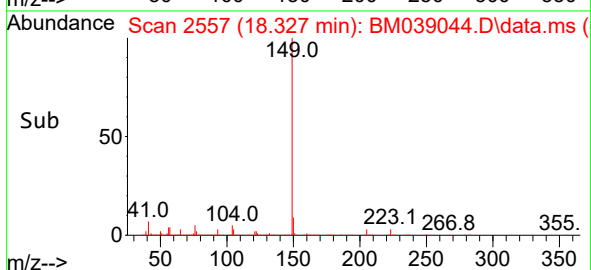
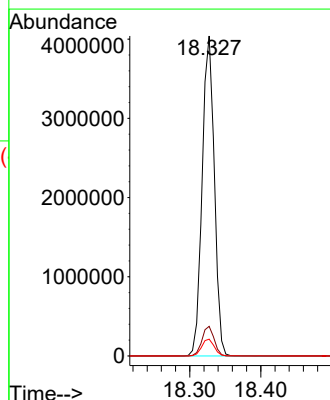
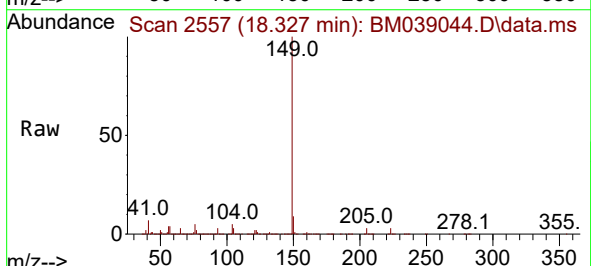
Tgt Ion:149 Resp: 4821564

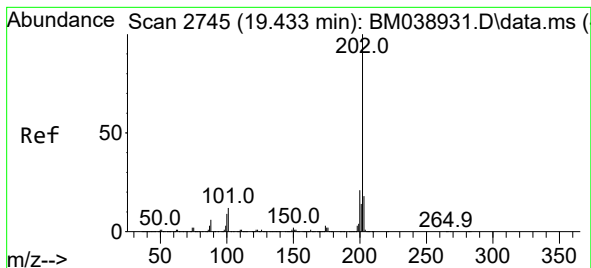
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 38.590 ng

RT: 19.410 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

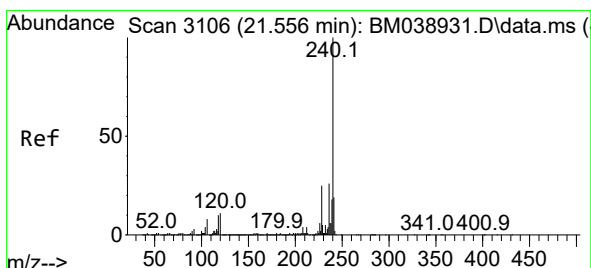
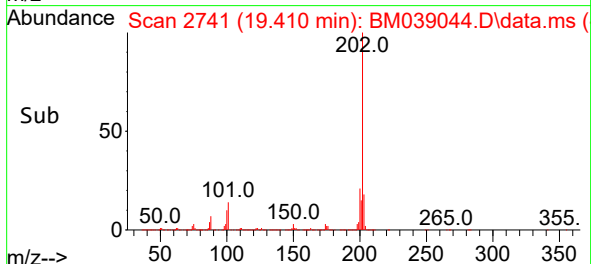
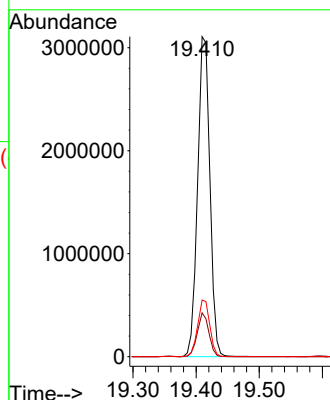
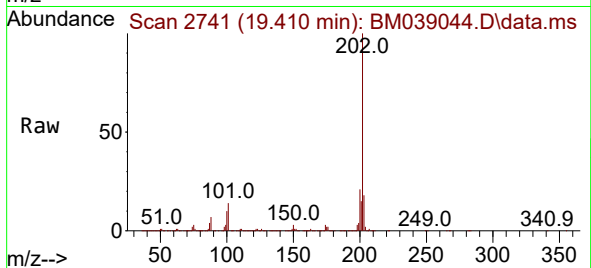
Tgt Ion:202 Resp: 4182566

Ion Ratio Lower Upper

202 100

101 13.7 0.0 31.7

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.539 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

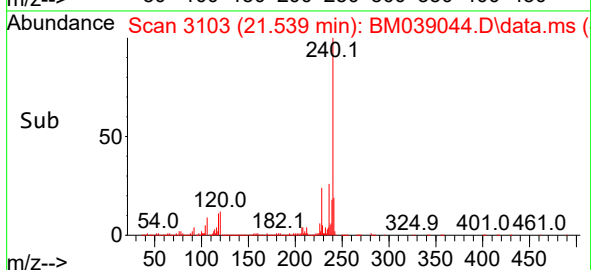
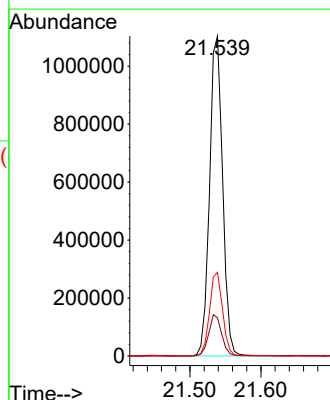
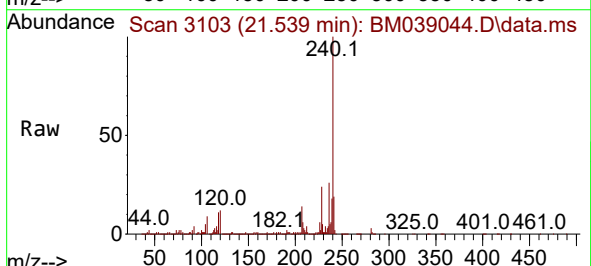
Tgt Ion:240 Resp: 1413025

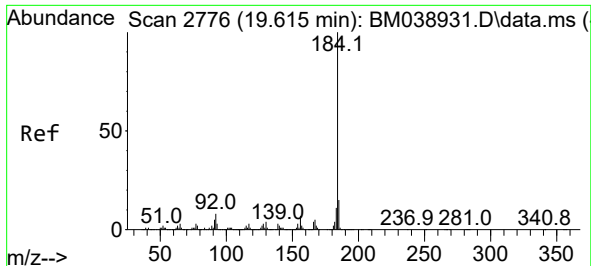
Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 26.2 20.8 31.2

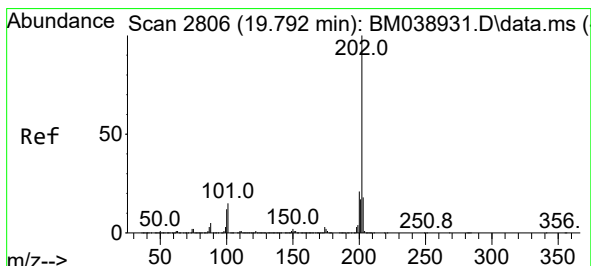
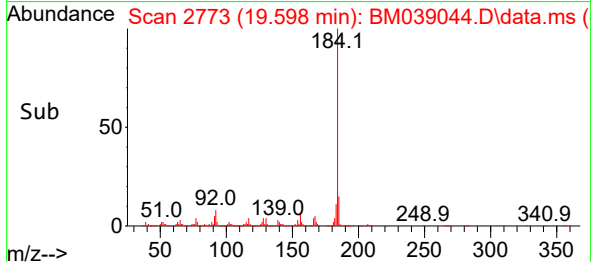
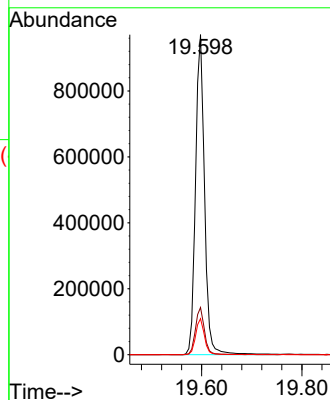
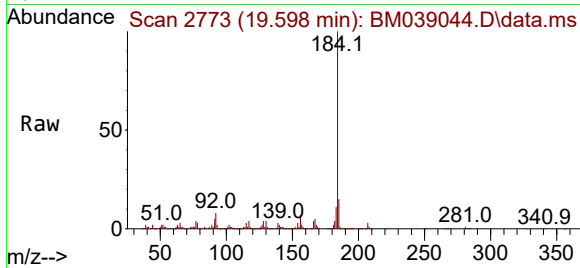




#77
Benzidine
Concen: 38.588 ng
RT: 19.598 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

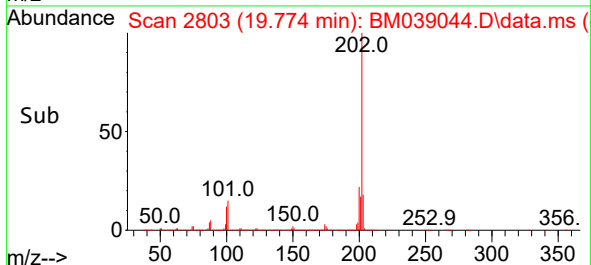
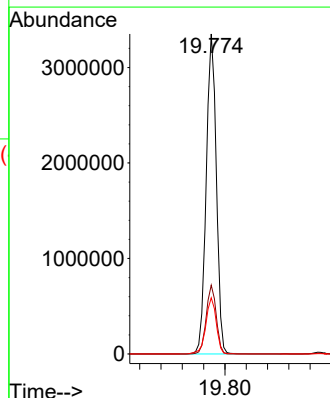
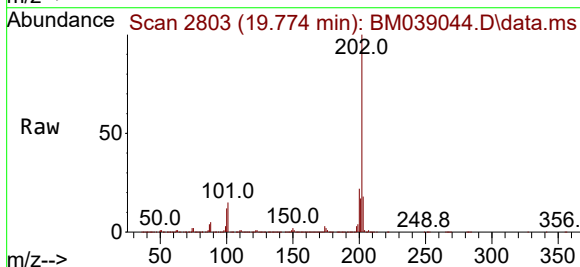
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

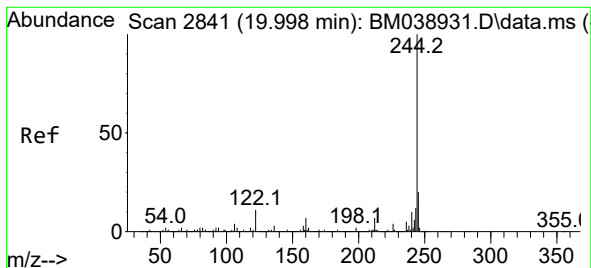
Tgt Ion:184 Resp: 1208588
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.4
183 11.2 8.8 13.2



#78
Pyrene
Concen: 41.510 ng
RT: 19.774 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion:202 Resp: 4405452
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 84.825 ng

RT: 19.980 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

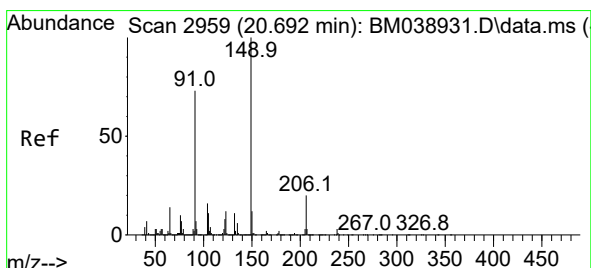
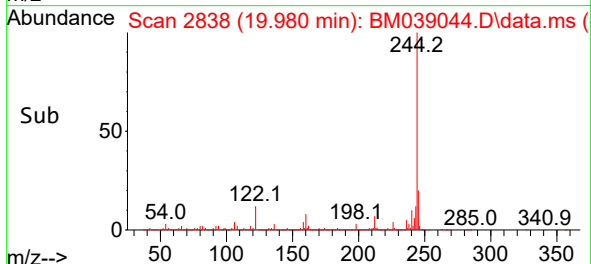
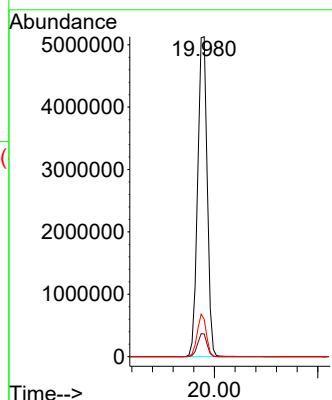
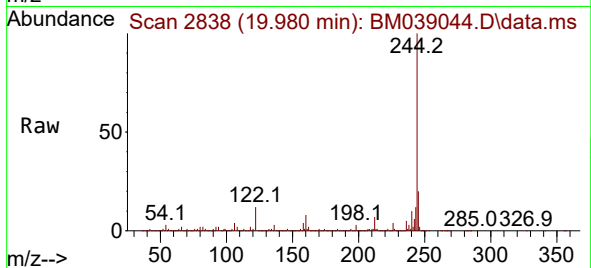
Tgt Ion:244 Resp: 6555700

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.7 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.845 ng

RT: 20.668 min Scan# 2955

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

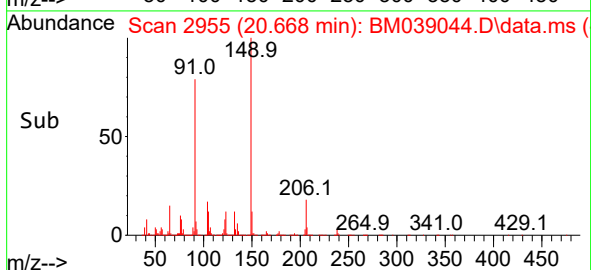
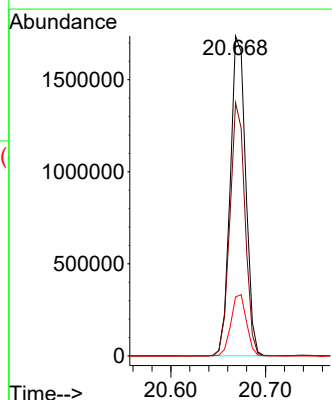
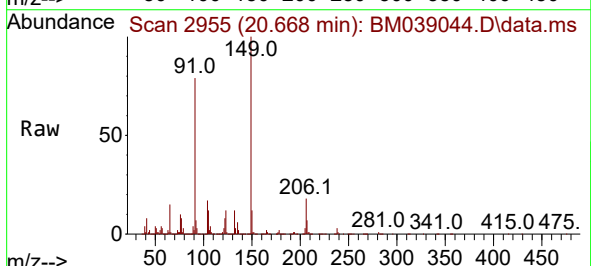
Tgt Ion:149 Resp: 1964695

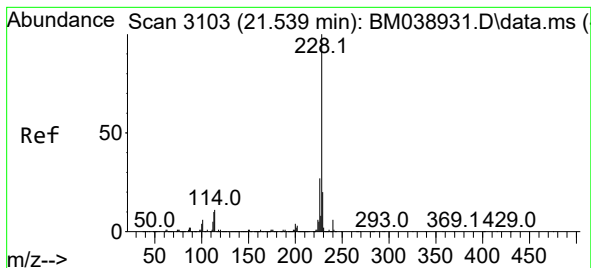
Ion Ratio Lower Upper

149 100

91 79.1 58.4 87.6

206 18.5 16.1 24.1





#81

Benzo(a)anthracene

Concen: 40.045 ng

RT: 21.521 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

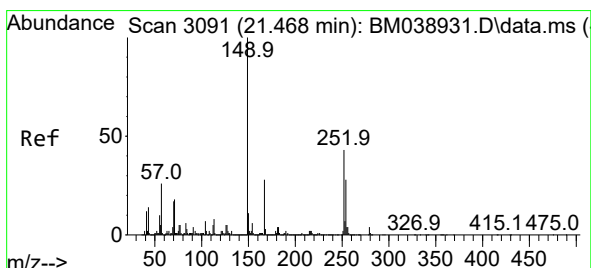
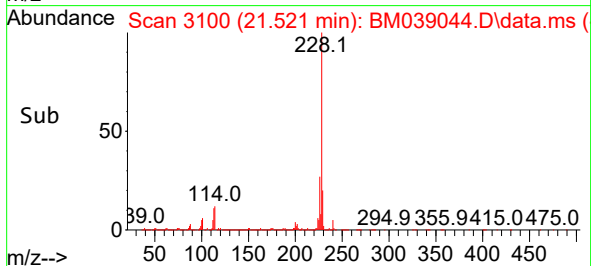
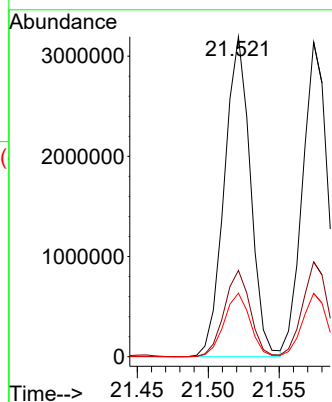
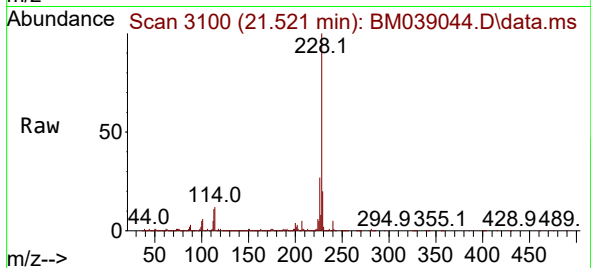
Tgt Ion:228 Resp: 4074901

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.2

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 41.005 ng

RT: 21.456 min Scan# 3089

Delta R.T. 0.000 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

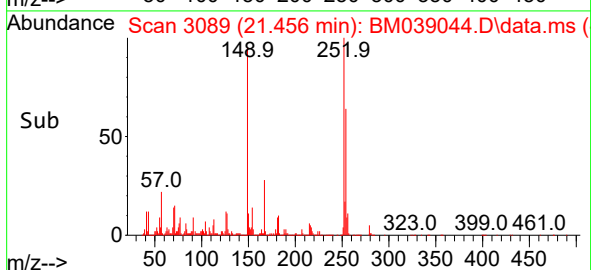
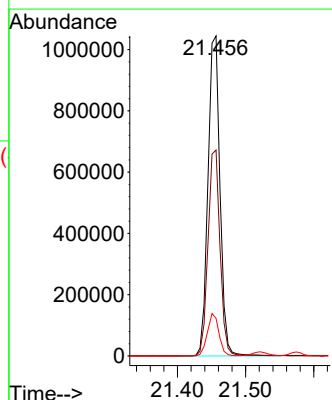
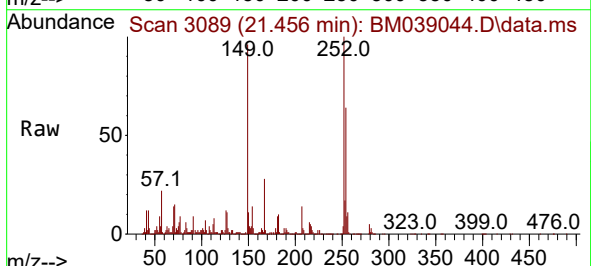
Tgt Ion:252 Resp: 1282389

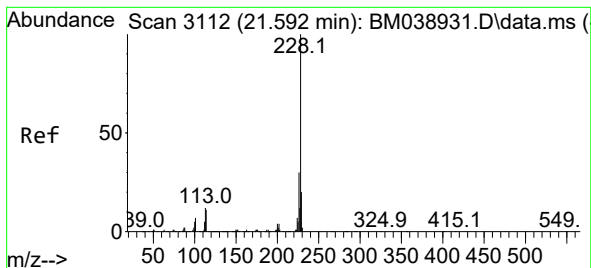
Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

126 11.8 9.9 14.9





#83

Chrysene

Concen: 38.954 ng

RT: 21.574 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

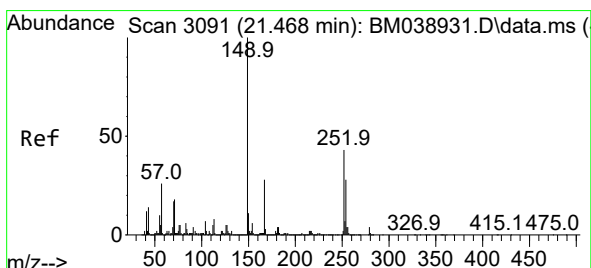
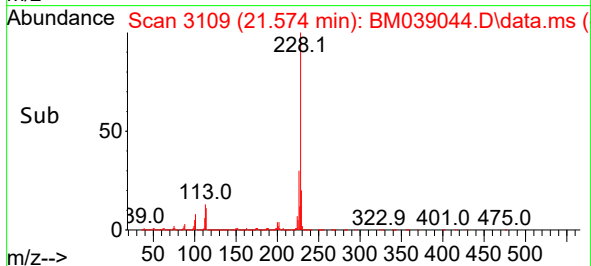
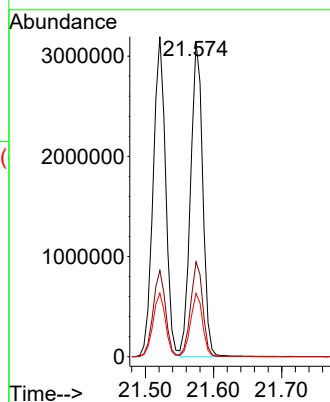
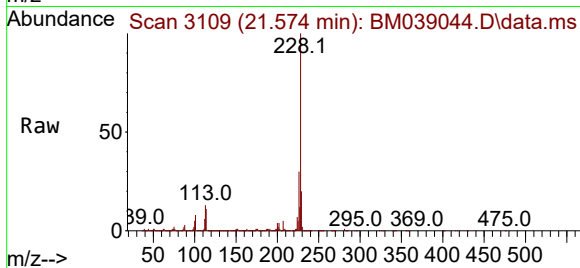
Tgt Ion:228 Resp: 3855296

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.057 ng

RT: 21.445 min Scan# 3087

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

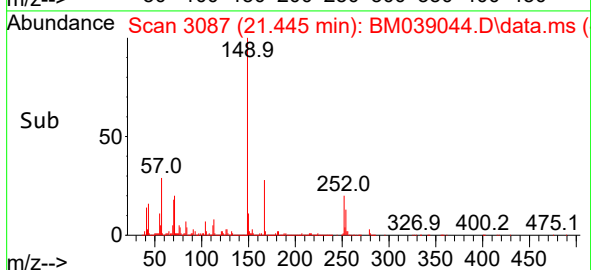
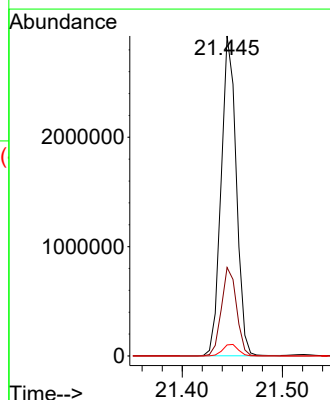
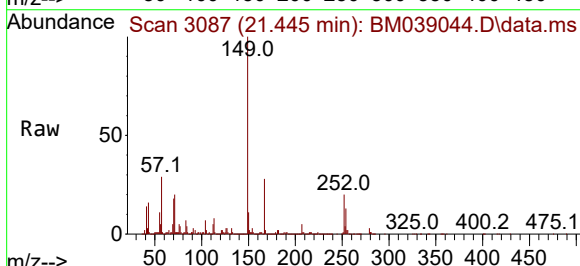
Tgt Ion:149 Resp: 3067008

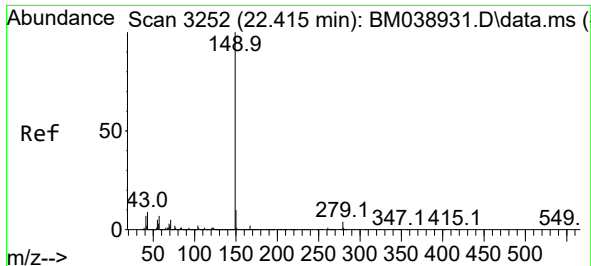
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

279 3.5 3.2 4.8

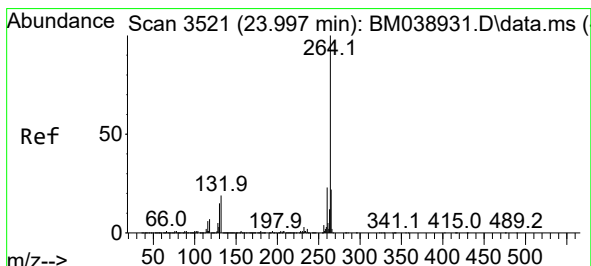
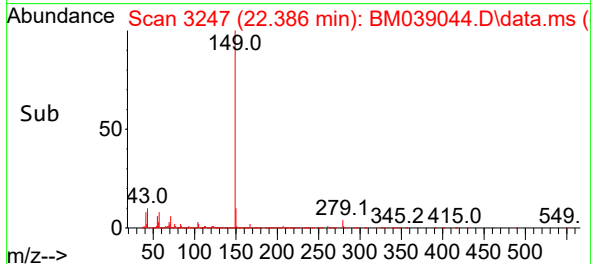
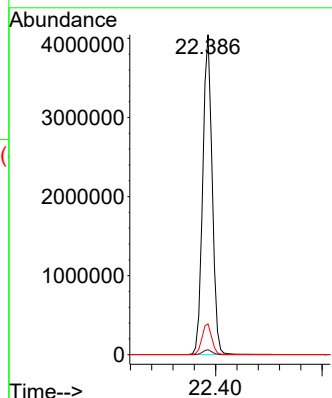
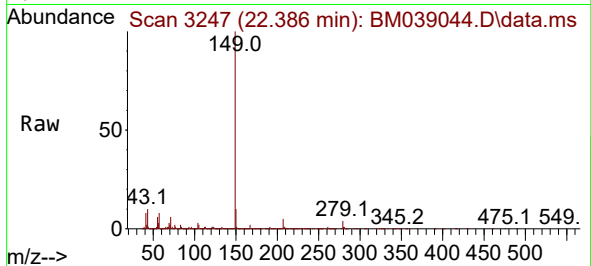




#85
Di-n-octyl phthalate
Concen: 45.894 ng
RT: 22.386 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

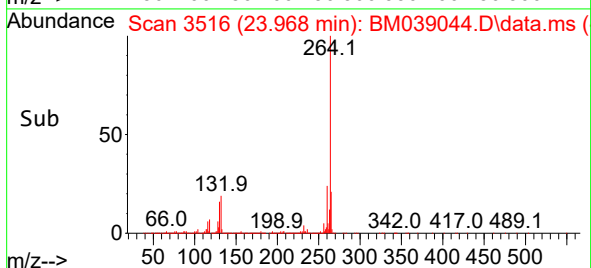
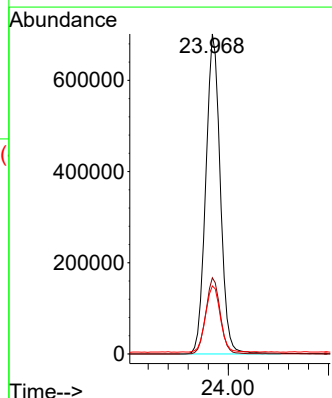
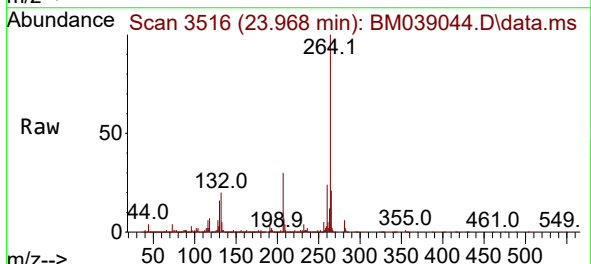
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

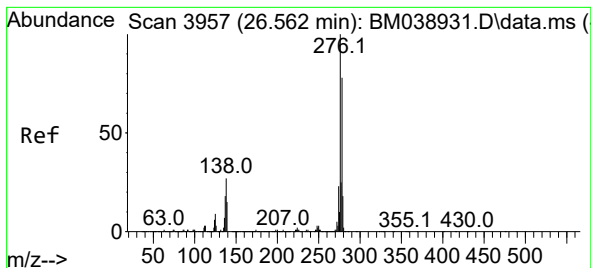
Tgt Ion:149 Resp: 4949753
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.0 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.968 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BM039044.D
Acq: 20 Mar 2023 14:44

Tgt Ion:264 Resp: 1408526
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.2 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.557 ng

RT: 26.509 min Scan# 3948

Delta R.T. -0.012 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

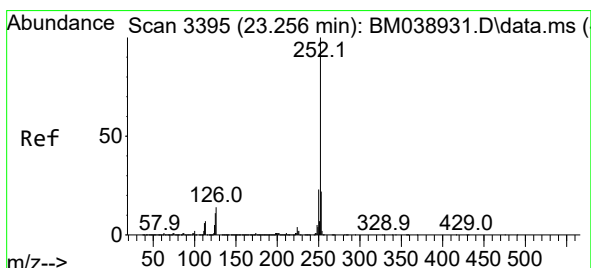
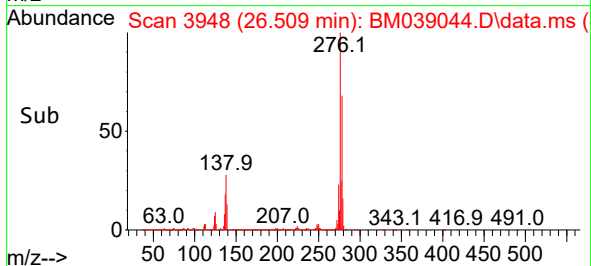
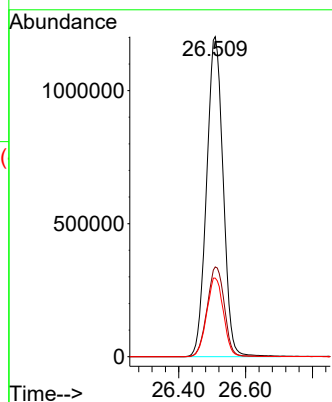
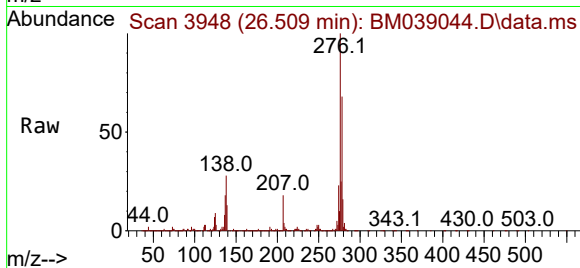
Tgt Ion:276 Resp: 4132434

Ion Ratio Lower Upper

276 100

138 29.3 22.1 33.1

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 39.845 ng

RT: 23.227 min Scan# 3390

Delta R.T. -0.011 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

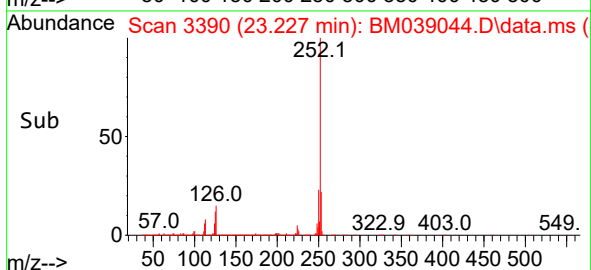
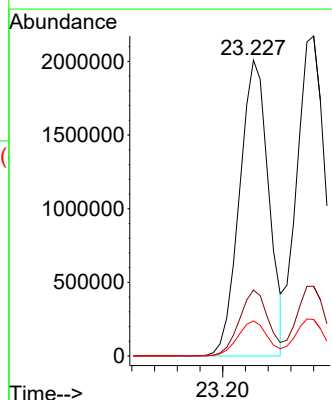
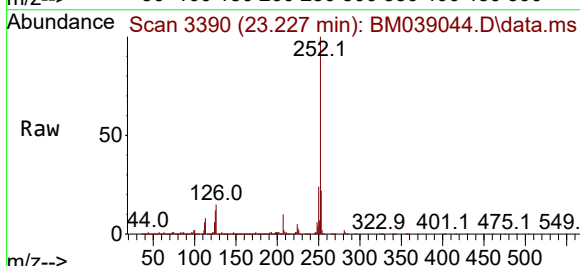
Tgt Ion:252 Resp: 3585481

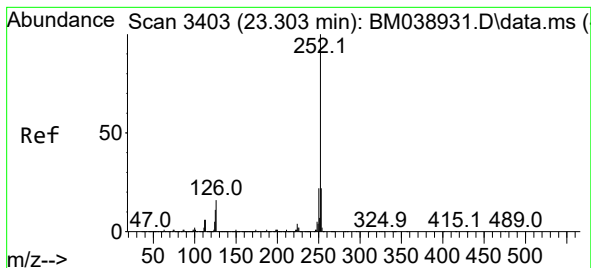
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 11.8 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 40.609 ng

RT: 23.280 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

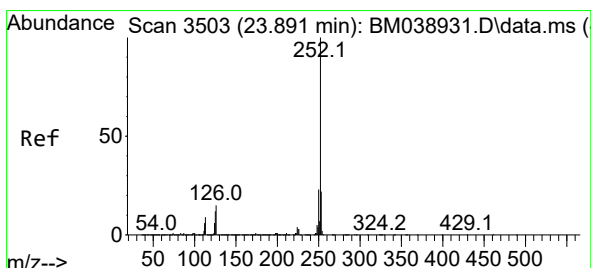
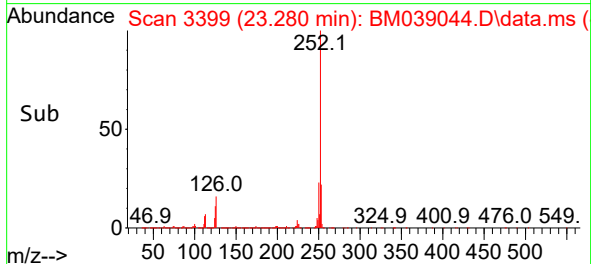
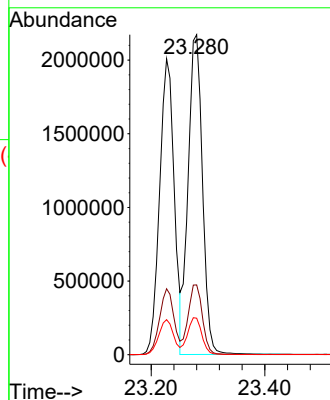
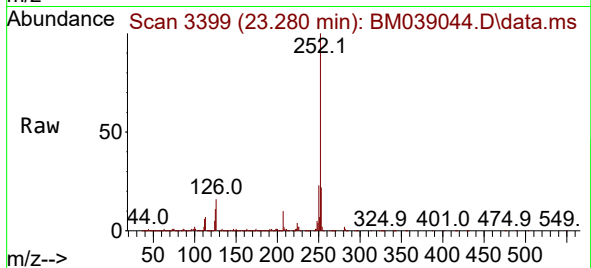
Tgt Ion:252 Resp: 3802974

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 11.4 8.9 13.3



#90

Benzo(a)pyrene

Concen: 40.256 ng

RT: 23.862 min Scan# 3498

Delta R.T. -0.012 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

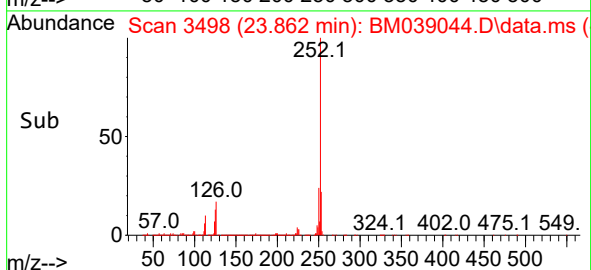
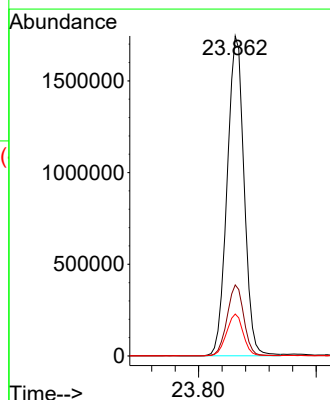
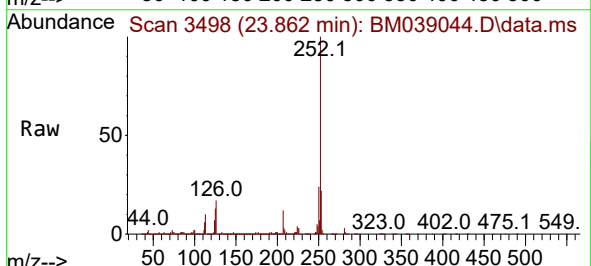
Tgt Ion:252 Resp: 3486356

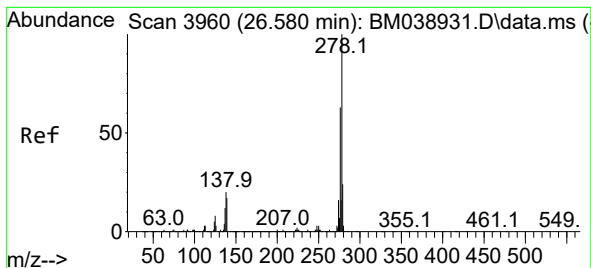
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 13.1 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 38.562 ng

RT: 26.527 min Scan# 3951

Delta R.T. -0.012 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

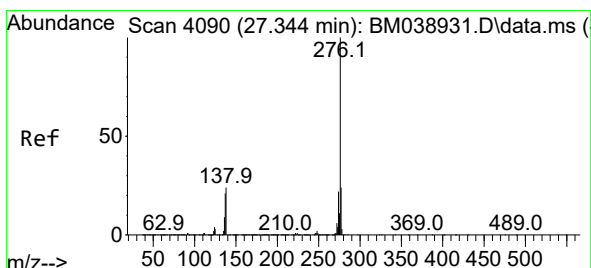
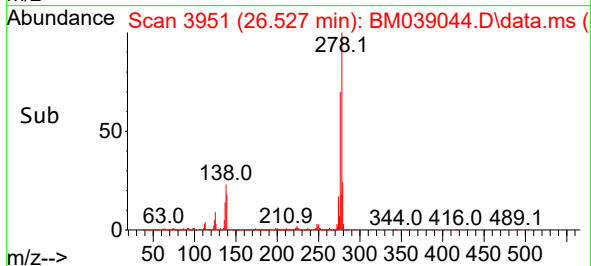
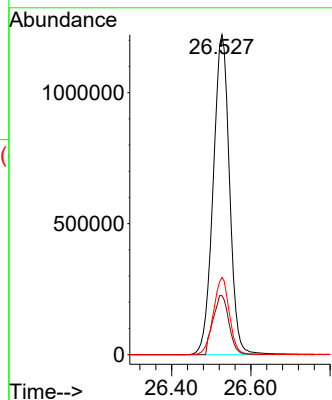
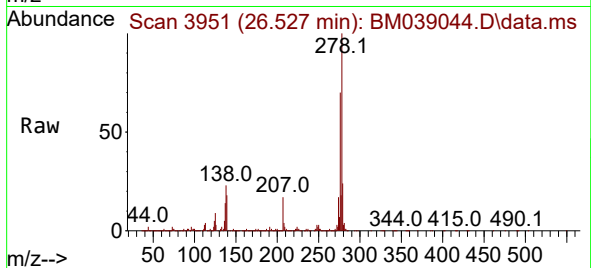
Tgt Ion:278 Resp: 3500202

Ion Ratio Lower Upper

278 100

139 18.5 13.7 20.5

279 24.2 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 37.446 ng

RT: 27.291 min Scan# 4081

Delta R.T. -0.012 min

Lab File: BM039044.D

Acq: 20 Mar 2023 14:44

Tgt Ion:276 Resp: 3325349

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 25.2 19.0 28.6

